

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022519\
 Data File : VX007671.D
 Acq On : 25 Feb 2019 14:07
 Operator : JC/SP
 Sample : VX0225WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/26/2019 2:57:55 PM

Quant Time: Feb 26 02:45:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	361806	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	573959	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	515804	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	245344	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	209872	46.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.66%	
35) Dibromofluoromethane	5.51	113	184789	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
50) Toluene-d8	8.71	98	694050	47.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.50%	
62) 4-Bromofluorobenzene	11.13	95	241878	44.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.74%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	70579	21.176	ug/l	96
3) Chloromethane	1.33	50	73389	19.870	ug/l	98
4) Vinyl Chloride	1.41	62	76041	20.068	ug/l	99
5) Bromomethane	1.64	94	51992	20.877	ug/l	99
6) Chloroethane	1.73	64	47040	19.431	ug/l	97
7) Trichlorofluoromethane	1.93	101	114102	19.643	ug/l	98
8) Diethyl Ether	2.19	74	46446	19.482	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	68205	19.426	ug/l	93
10) Methyl Iodide	2.51	142	83790	19.166	ug/l	97
11) Tert butyl alcohol	3.07	59	87404	102.789	ug/l	99
12) 1,1-Dichloroethene	2.38	96	65618	20.734	ug/l	98
13) Acrolein	2.29	56	72612	96.098	ug/l	97
14) Allyl chloride	2.73	41	115109	19.671	ug/l	96
15) Acrylonitrile	3.15	53	206420	103.155	ug/l	99
16) Acetone	2.45	43	193952	97.317	ug/l	98
17) Carbon Disulfide	2.57	76	170996	19.421	ug/l	100
18) Methyl Acetate	2.78	43	86020	19.780	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	221802	20.126	ug/l	100
20) Methylene Chloride	2.86	84	72270	19.638	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	69071	20.076	ug/l	96
22) Diisopropyl ether	3.87	45	240394	19.734	ug/l	96
23) Vinyl Acetate	3.82	43	1053409	98.563	ug/l	100
24) 1,1-Dichloroethane	3.70	63	130953	19.780	ug/l	99
25) 2-Butanone	4.70	43	305302	100.566	ug/l	100
26) 2,2-Dichloropropane	4.59	77	98402	18.620	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	87045	19.883	ug/l	98
28) Bromochloromethane	5.02	49	57234	17.758	ug/l	94
29) Tetrahydrofuran	5.15	42	198770	99.328	ug/l	99
30) Chloroform	5.21	83	137744	19.423	ug/l	98
31) Cyclohexane	5.57	56	119165	19.135	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	113621	19.373	ug/l	98
36) 1,1-Dichloropropene	5.80	75	98705	19.129	ug/l	98
37) Ethyl Acetate	4.85	43	111729	19.492	ug/l	98
38) Carbon Tetrachloride	5.78	117	99097	19.118	ug/l	97

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

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Manual Integrations
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	124118	19.032	ug/l	100
40) Benzene	6.14	78	323082	20.283	ug/l	97
41) Methacrylonitrile	5.06	41	61372	20.051	ug/l	99
42) 1,2-Dichloroethane	6.20	62	103337	19.301	ug/l	98
43) Isopropyl Acetate	6.46	43	174432	19.773	ug/l	99
44) Trichloroethene	7.21	130	86769	19.802	ug/l	98
45) 1,2-Dichloropropane	7.52	63	81950	19.861	ug/l	99
46) Dibromomethane	7.66	93	55364	19.233	ug/l	92
47) Bromodichloromethane	7.90	83	94724	18.988	ug/l	99
48) Methyl methacrylate	7.77	41	89864	19.433	ug/l	98
49) 1,4-Dioxane	7.75	88	40965	410.155	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	595787	100.892	ug/l	100
52) Toluene	8.78	92	197571	19.669	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	104314	18.680	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	117977	19.488	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	82780	19.763	ug/l	99
56) Ethyl methacrylate	9.18	69	117530	19.731	ug/l	99
57) 1,3-Dichloropropane	9.37	76	134927	20.123	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	313860	95.551	ug/l	99
59) 2-Hexanone	9.49	43	462690	99.801	ug/l	100
60) Dibromochloromethane	9.58	129	76122	18.887	ug/l	98
61) 1,2-Dibromoethane	9.67	107	87230	20.058	ug/l	99
64) Tetrachloroethene	9.34	164	83715	19.992	ug/l	92
65) Chlorobenzene	10.14	112	218087	19.549	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	75818	19.483	ug/l	98
67) Ethyl Benzene	10.25	91	362704	19.627	ug/l	100
68) m/p-Xylenes	10.36	106	281506	39.156	ug/l	99
69) o-Xylene	10.69	106	137689	19.911	ug/l	98
70) Styrene	10.71	104	220267	19.378	ug/l	99
71) Bromoform	10.85	173	52038	17.833	ug/l	99
73) Isopropylbenzene	11.02	105	364429	20.783	ug/l	100
74) N-amyl acetate	10.90	43	155306	20.395	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	123360	20.340	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	104585m	19.999	ug/l	
77) Bromobenzene	11.26	156	93413	21.239	ug/l	93
78) n-propylbenzene	11.36	91	405565	20.468	ug/l	98
79) 2-Chlorotoluene	11.42	91	244573	20.499	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	292130	20.254	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	33540	19.161	ug/l	94
82) 4-Chlorotoluene	11.51	91	280578	20.103	ug/l	99
83) tert-Butylbenzene	11.77	119	284416	20.537	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	306881	20.800	ug/l	98
85) sec-Butylbenzene	11.94	105	355095	20.462	ug/l	98
86) p-Isopropyltoluene	12.06	119	310316	20.418	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	164364	20.147	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	165138	19.765	ug/l	98
89) n-Butylbenzene	12.39	91	267436	19.731	ug/l	99
90) Hexachloroethane	12.60	117	49100	19.174	ug/l	86
91) 1,2-Dichlorobenzene	12.39	146	163666	20.050	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	25792	19.518	ug/l	82

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Instrument :
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ClientSampleId :
VX0225WBS01

Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	100375	20.145	ug/l	98
94) Hexachlorobutadiene	13.78	225	46664	20.472	ug/l	98
95) Naphthalene	13.83	128	339937	21.058	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	102406	20.469	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

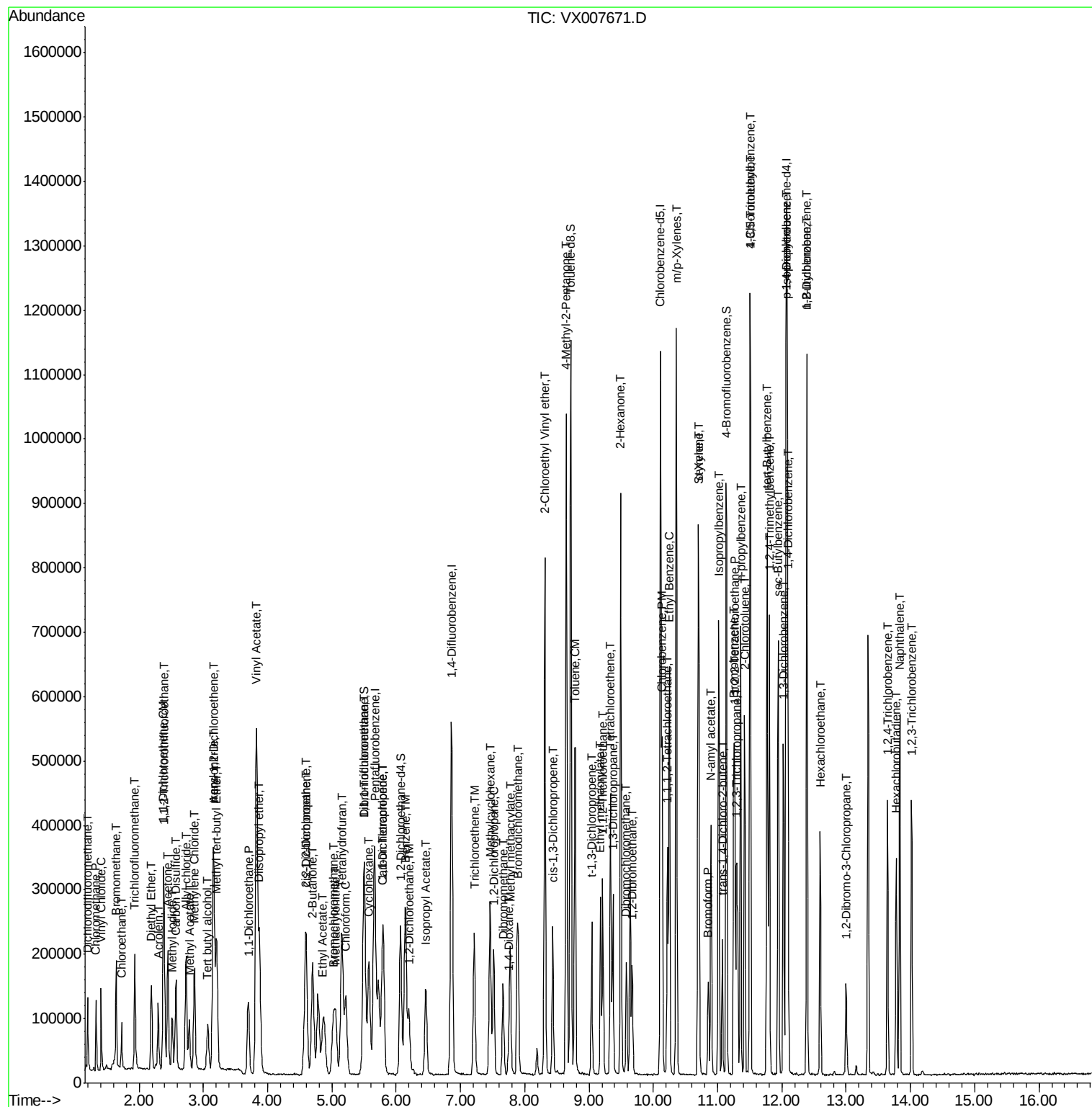
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX022519\
Data File : VX007671.D
Acq On : 25 Feb 2019 14:07
Operator : JC/SP
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Misc : 5.0mL/MSVOA X/WATER
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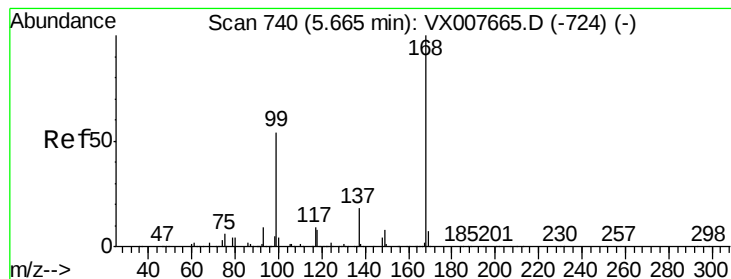
Instrument :
MSVOA_X
Client Sample Id :
VX0225WBS01

Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS01

Tot Ion:168 Resp: 361806

Ion Ratio Lower Upper

168 100

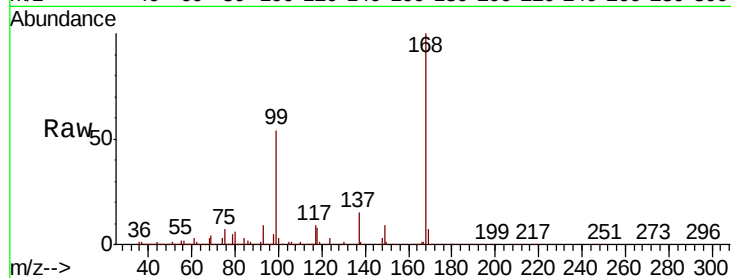
99 54.1 37.9 56.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

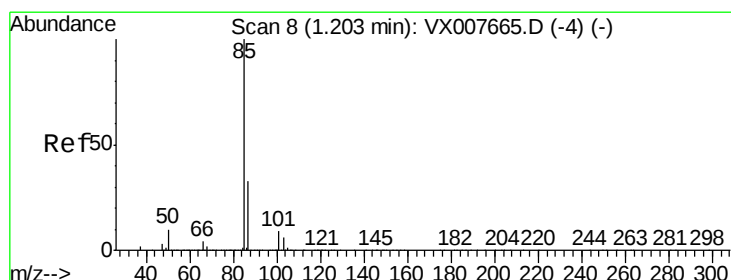
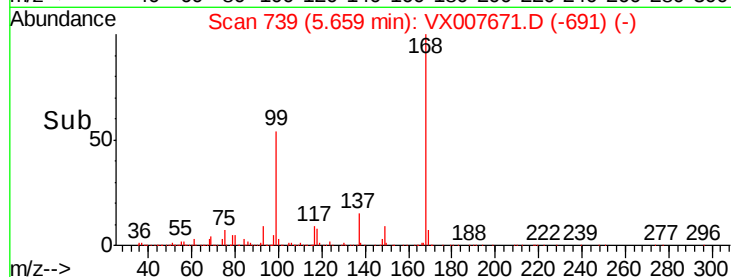
5.66

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.176 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX007671.D

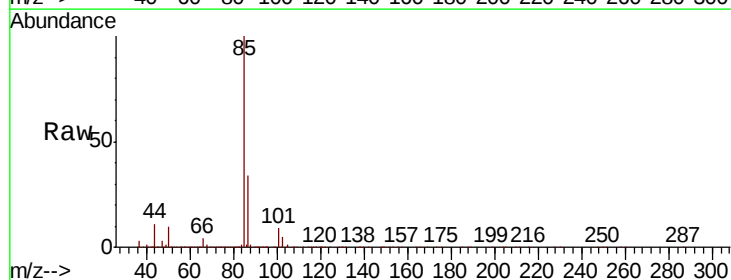
Acq: 25 Feb 2019 14:07

Tgt Ion: 85 Resp: 70579

Ion Ratio Lower Upper

85 100

87 33.7 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

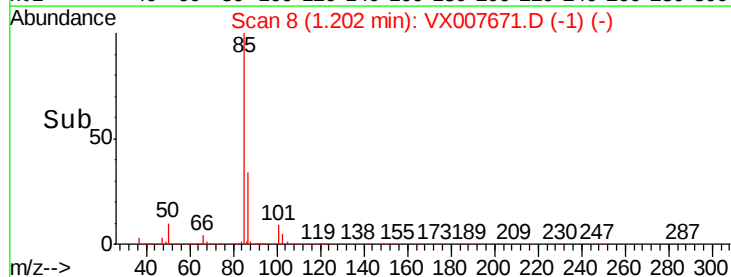
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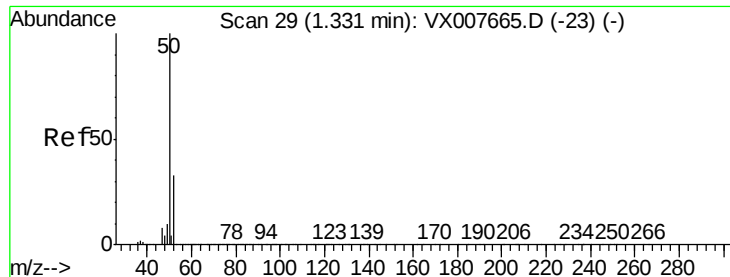
40000

20000

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Time-->





#3

Chloromethane

Concen: 19.870 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS01

Tot Ion: 50 Resp: 73389

Ion Ratio Lower Upper

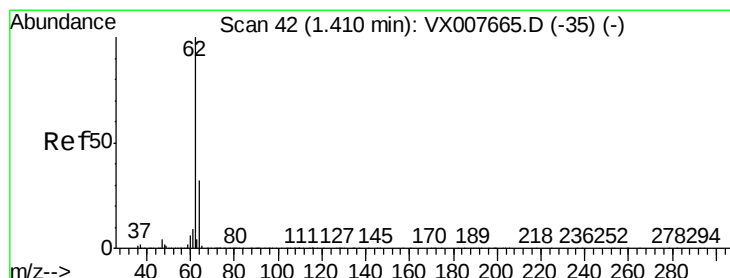
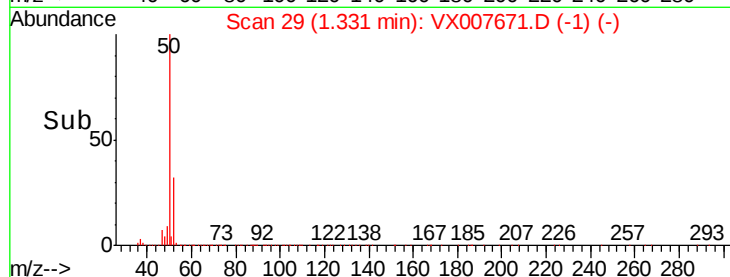
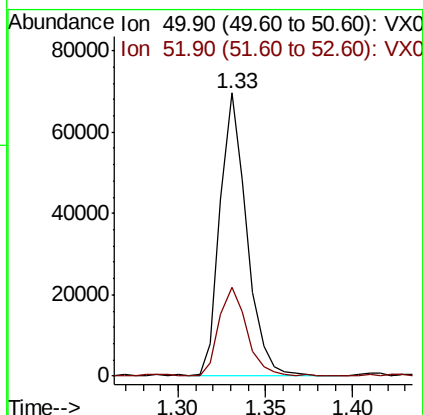
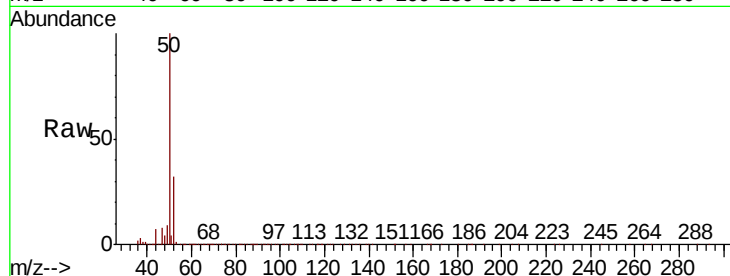
50 100

52 31.4 26.1 39.1

Manual Integrations
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#4

Vinyl Chloride

Concen: 20.068 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007671.D

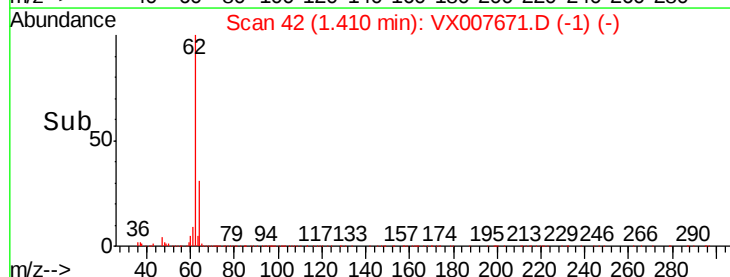
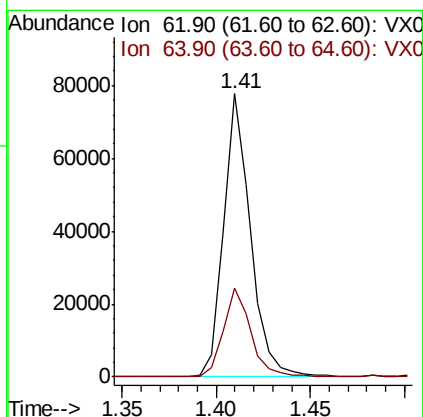
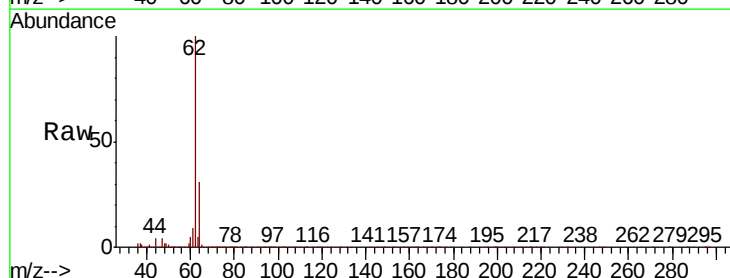
Acq: 25 Feb 2019 14:07

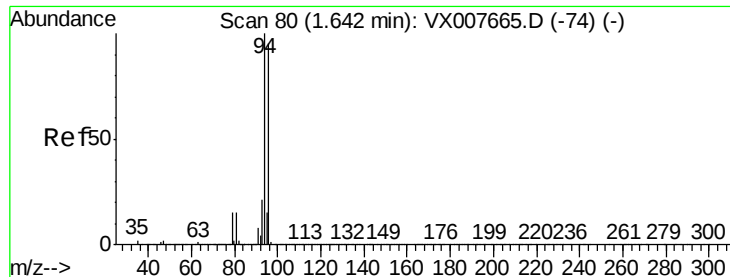
Tgt Ion: 62 Resp: 76041

Ion Ratio Lower Upper

62 100

64 31.1 25.4 38.0





#5

Bromomethane

Concen: 20.877 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS01

Tot Ion: 94 Resp: 51992

Ion Ratio Lower Upper

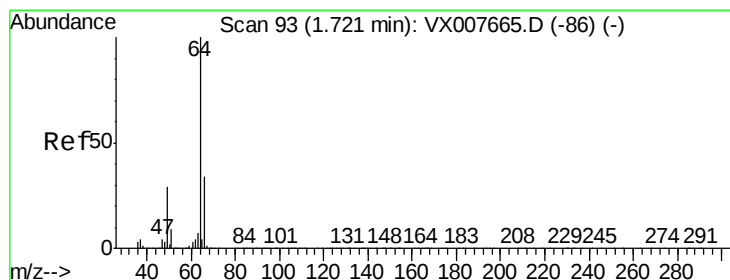
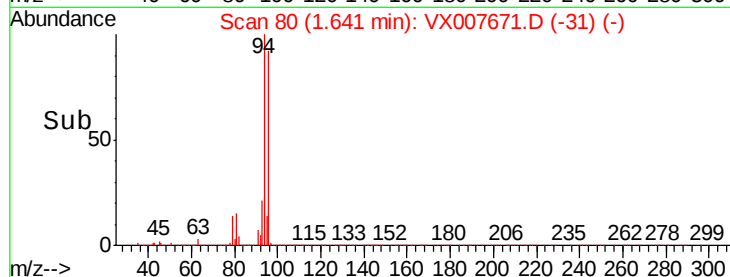
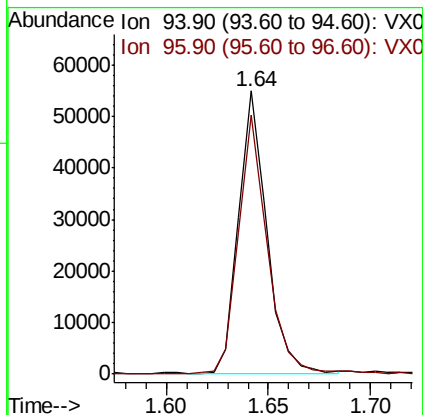
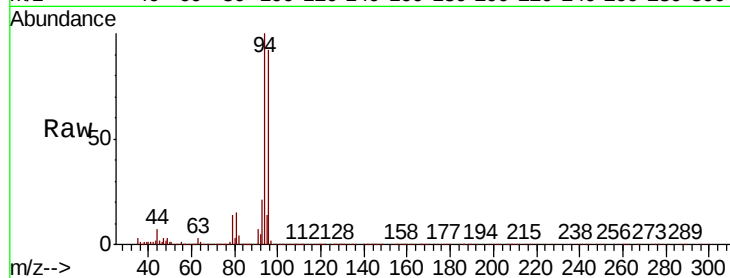
94 100

96 91.6 73.9 110.9

Manual Integrations
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#6

Chloroethane

Concen: 19.431 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007671.D

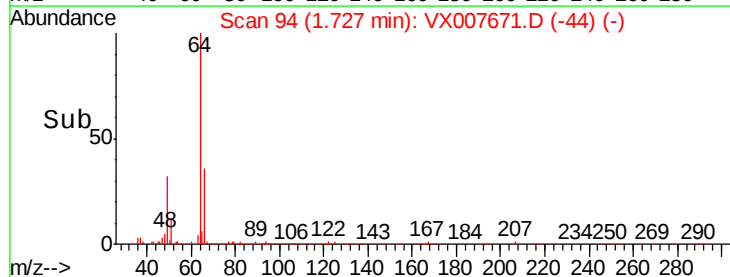
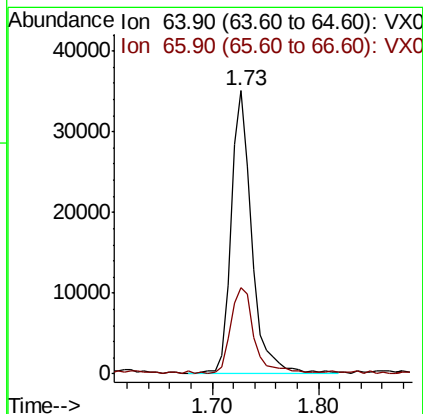
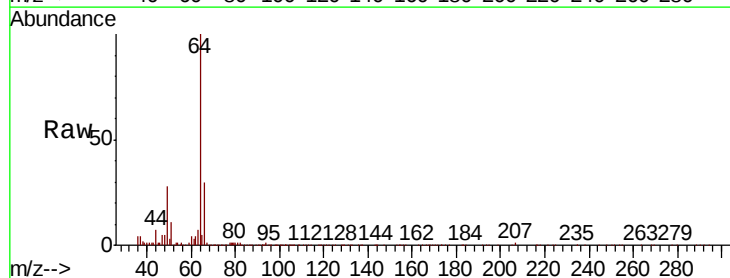
Acq: 25 Feb 2019 14:07

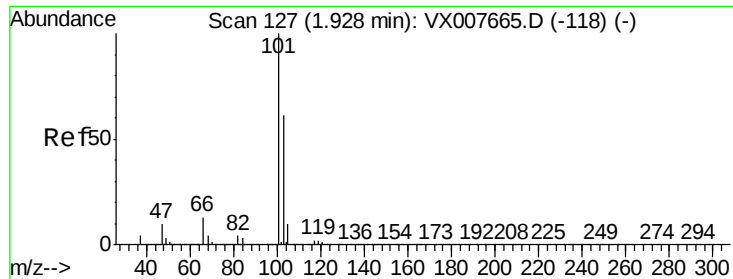
Tgt Ion: 64 Resp: 47040

Ion Ratio Lower Upper

64 100

66 30.1 25.5 38.3





#7

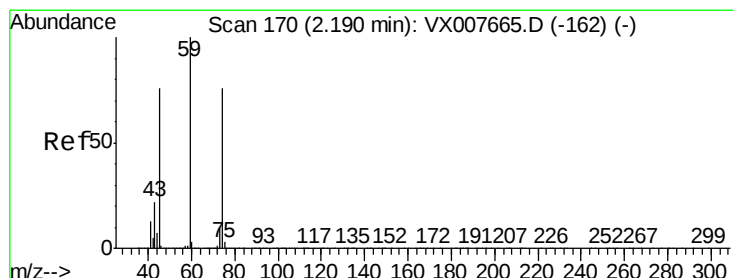
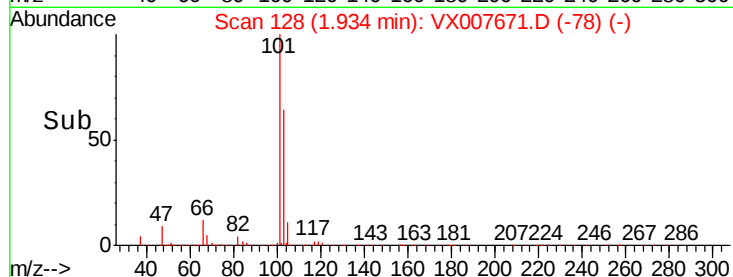
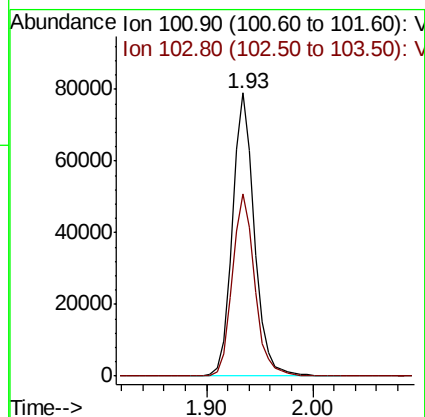
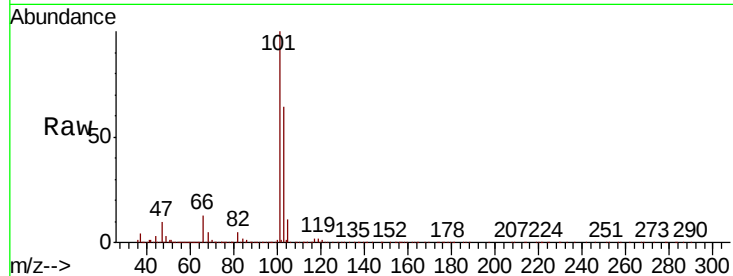
Trichlorofluoromethane
Concen: 19.643 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	52.6	79.0

Manual Integrations
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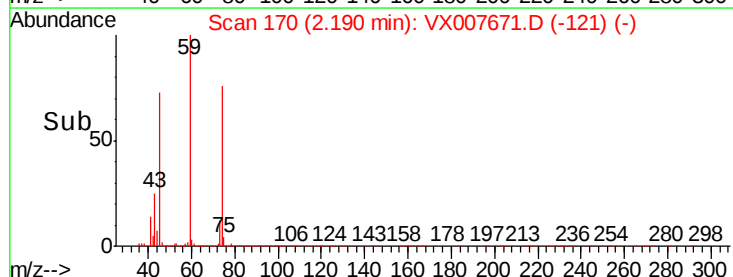
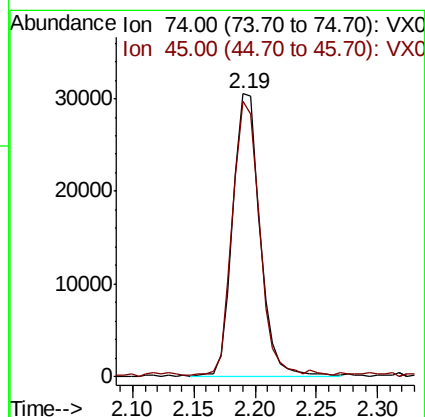
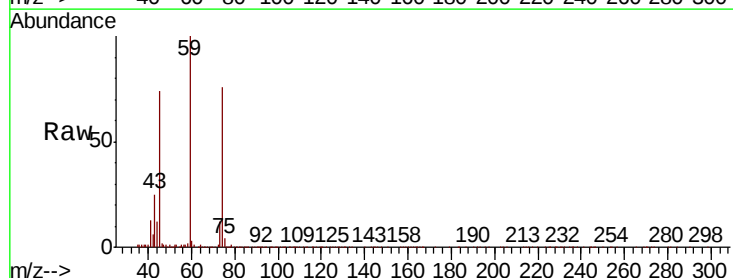
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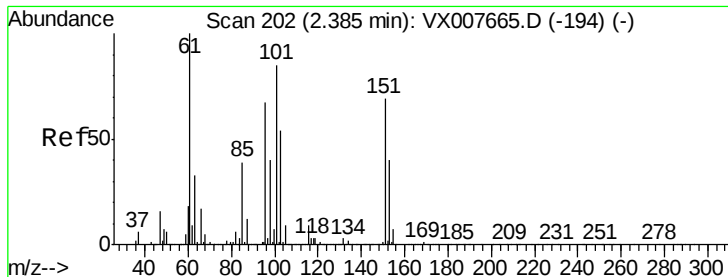


#8

Diethyl Ether
Concen: 19.482 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.6	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.426 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

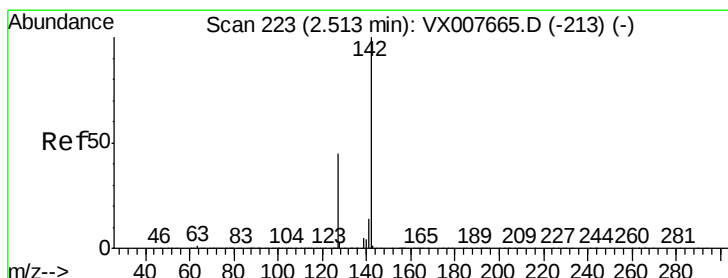
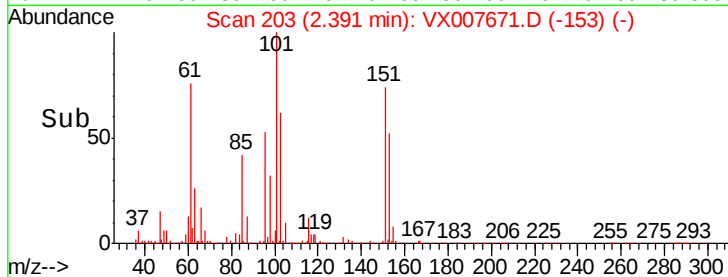
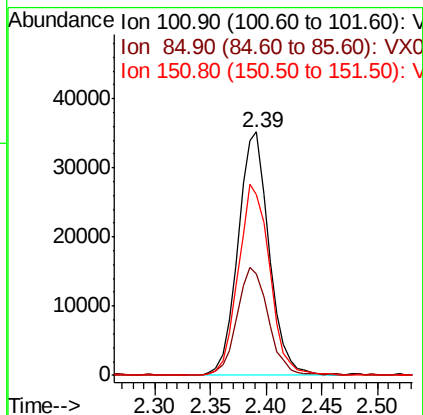
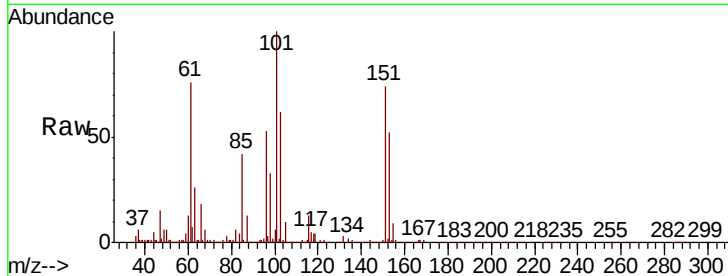
ClientSampleId :

VX0225WBS01

Tot Ion:	101	Resp:	68205
Ion Ratio	Lower	Upper	
101	100		
85	45.1	34.1	51.1
151	79.4	69.9	104.9

Manual Integrations
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#10

Methyl Iodide

Concen: 19.166 ug/l

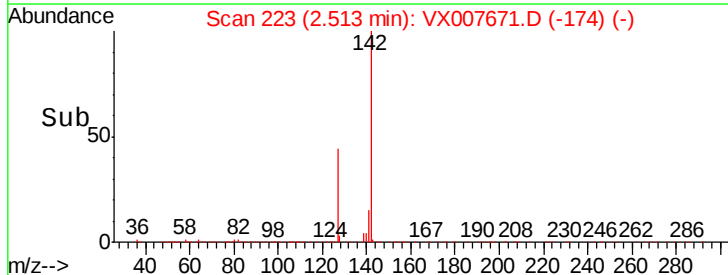
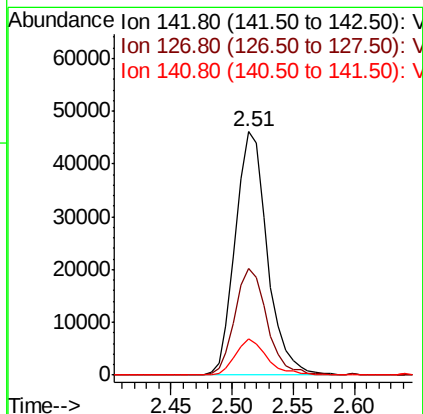
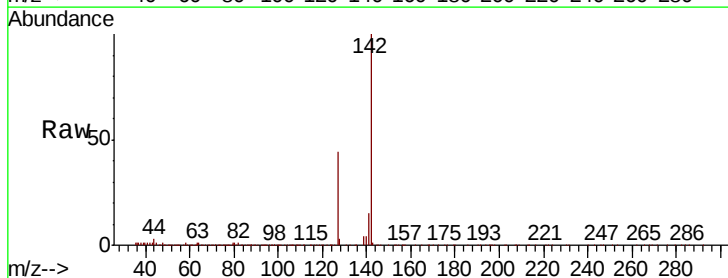
RT: 2.51 min Scan# 223

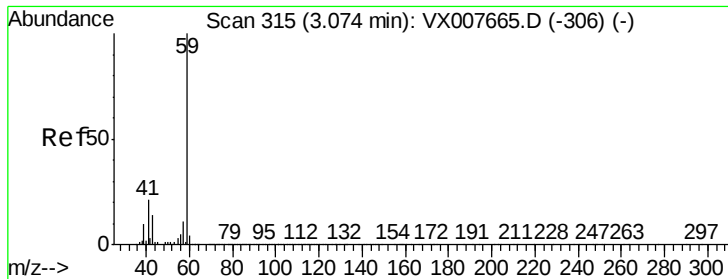
Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Tgt Ion:	142	Resp:	83790
Ion Ratio	Lower	Upper	
142	100		
127	44.4	33.7	50.5
141	14.7	11.3	16.9





#11

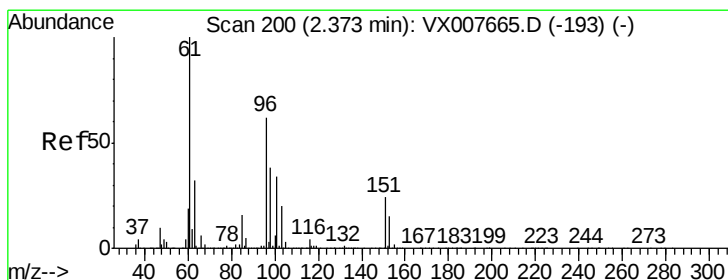
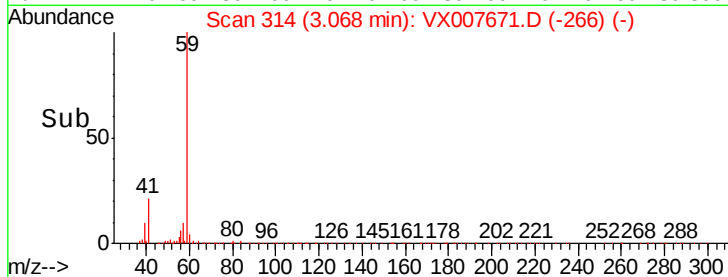
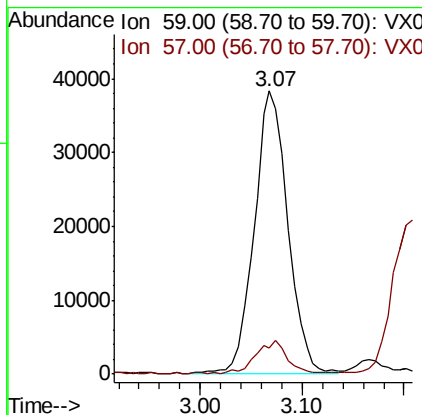
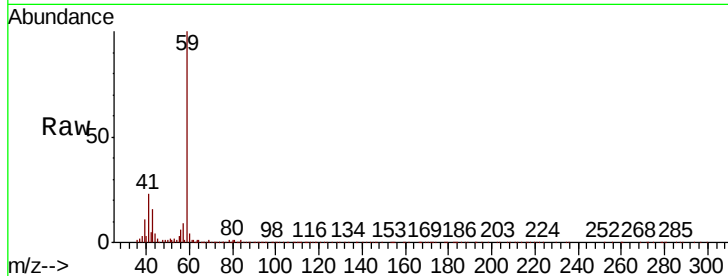
Tert butyl alcohol
 Concen: 102.789 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX007671.D
 Acq: 25 Feb 2019 14:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.1	12.1

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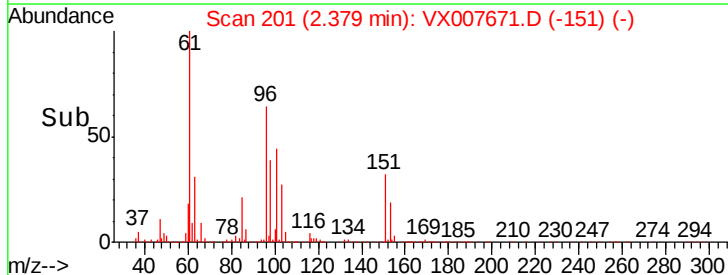
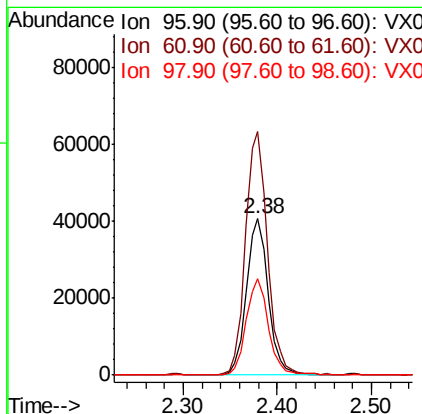
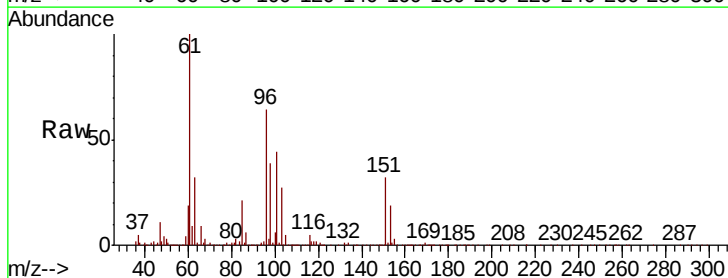
MMDadoda
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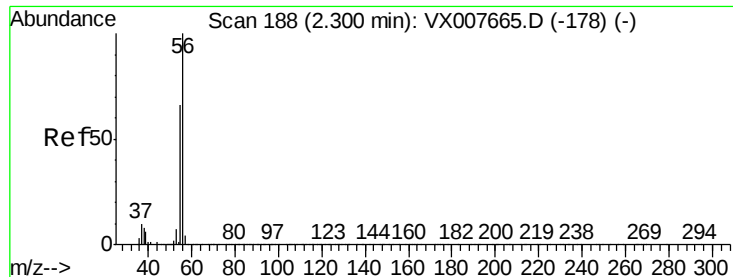


#12

1,1-Dichloroethene
 Concen: 20.734 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX007671.D
 Acq: 25 Feb 2019 14:07

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.9	123.0	184.4
98	61.2	50.9	76.3





#13

Acrolein

Concen: 96.098 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS01

Tot Ion: 56 Resp: 72612

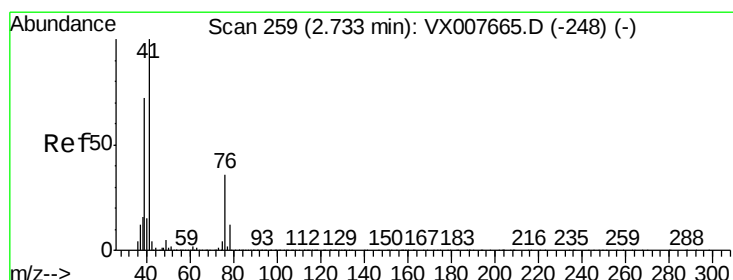
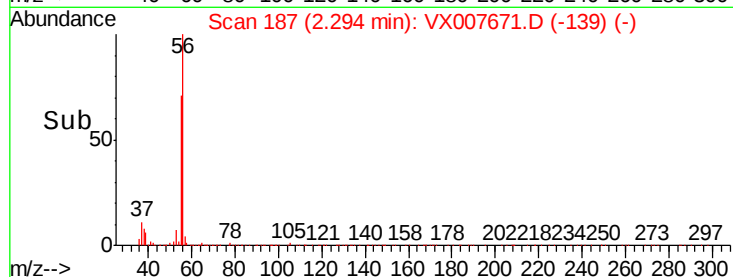
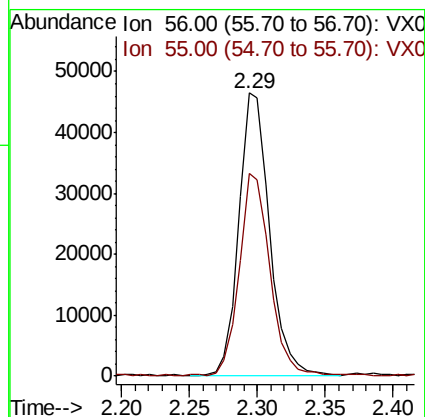
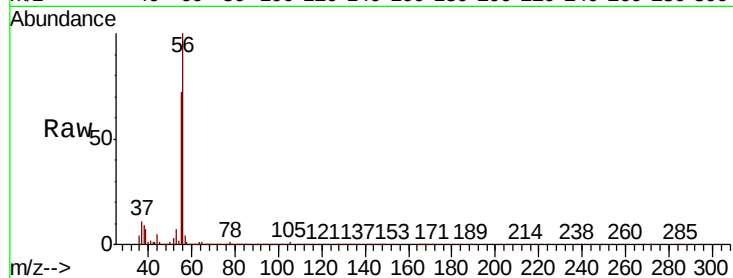
Ion Ratio Lower Upper

56 100

55 73.2 56.9 85.3

Manual Integrations
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#14

Allyl chloride

Concen: 19.671 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

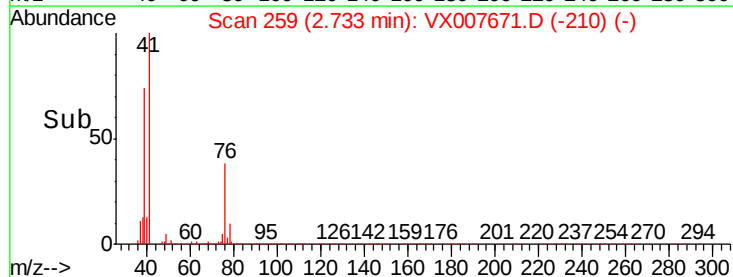
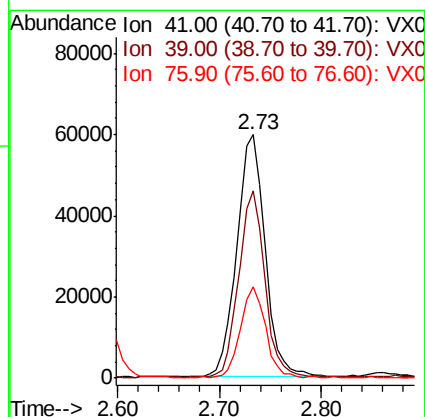
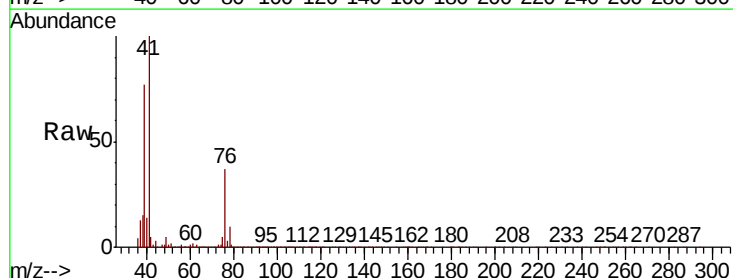
Tgt Ion: 41 Resp: 115109

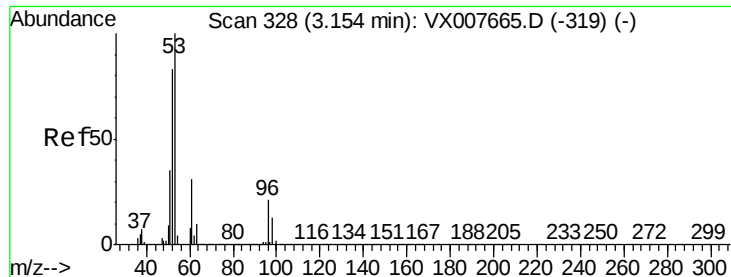
Ion Ratio Lower Upper

41 100

39 70.7 54.1 81.1

76 33.1 27.8 41.8





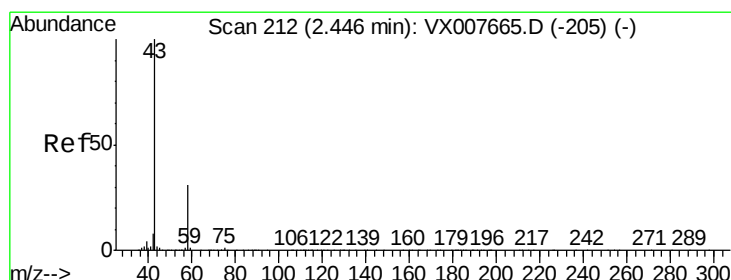
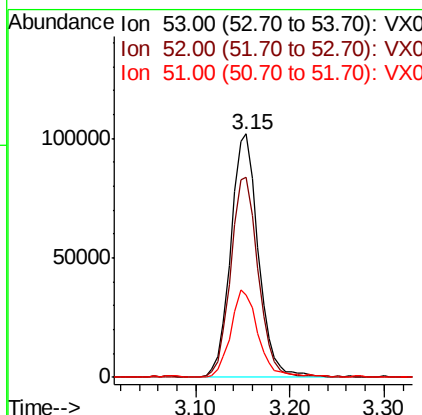
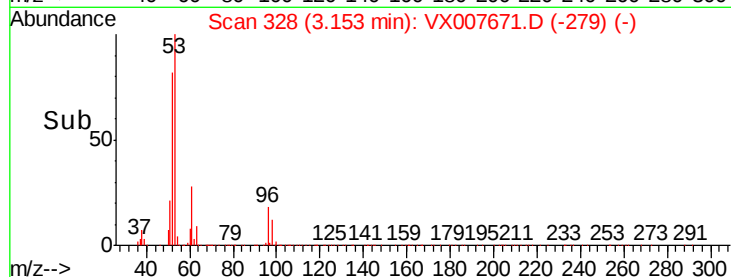
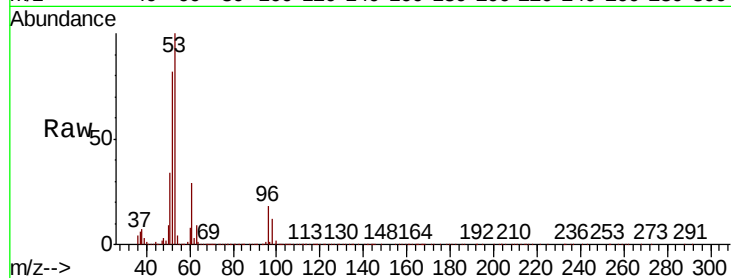
#15
Acrylonitrile
Concen: 103.155 ug/l
RT: 3.15 min Scan# 328
Delta R.T. -0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS01

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.4	99.6
51	35.7	28.4	42.6

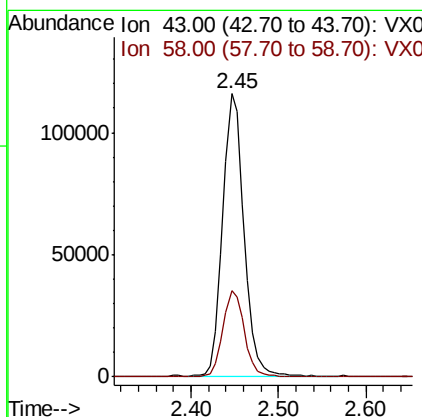
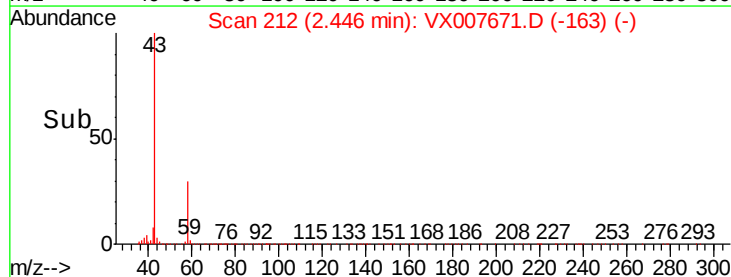
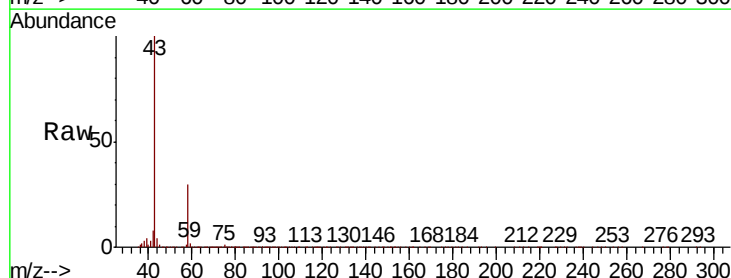
Manual Integrations
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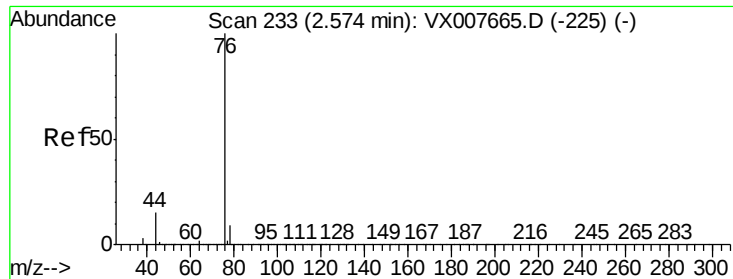
MMDadoda
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#16
Acetone
Concen: 97.317 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.2	24.9	37.3





#17

Carbon Disulfide

Concen: 19.421 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS01

Tot Ion: 76 Resp: 170996

Ion Ratio Lower Upper

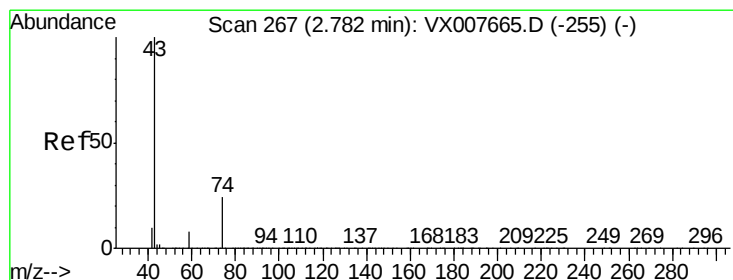
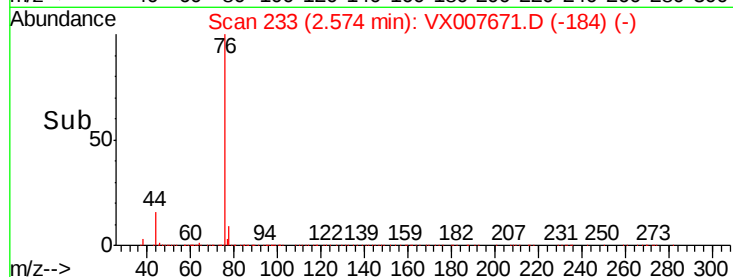
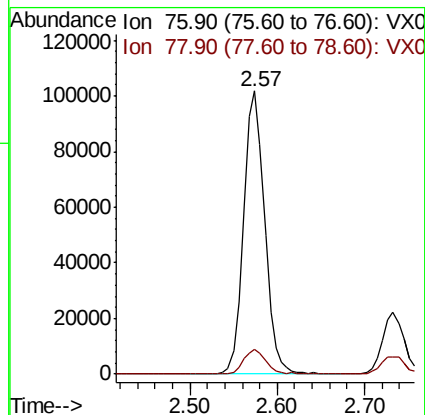
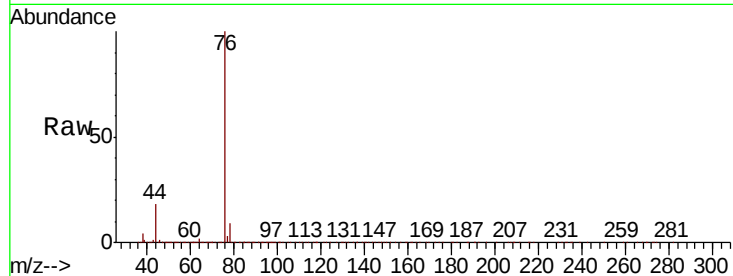
76 100

78 8.7 7.1 10.7

Manual Integrations
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#18

Methyl Acetate

Concen: 19.780 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007671.D

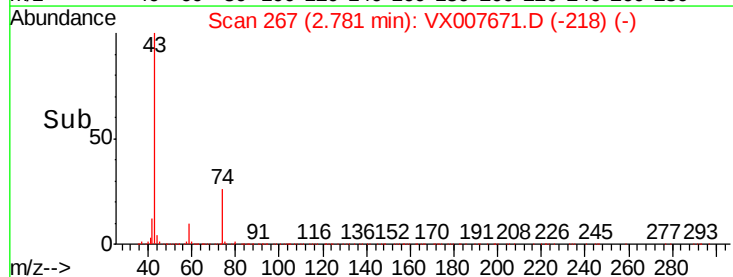
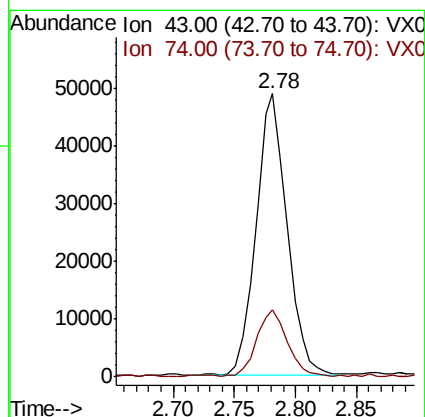
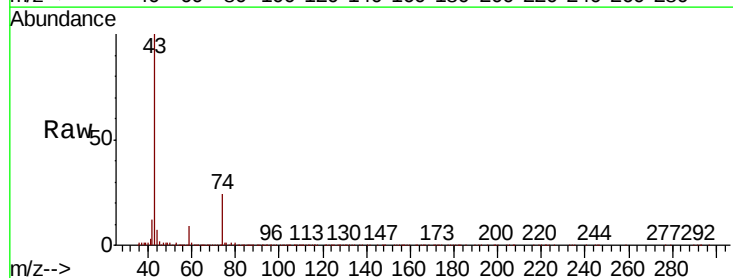
Acq: 25 Feb 2019 14:07

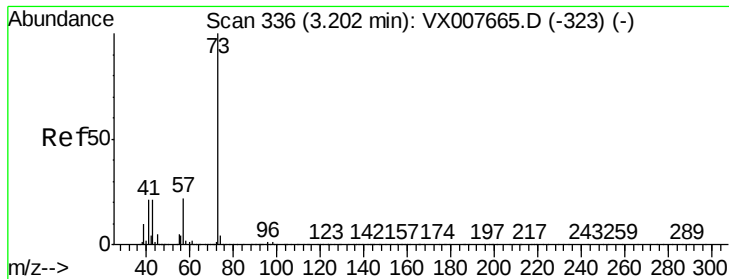
Tgt Ion: 43 Resp: 86020

Ion Ratio Lower Upper

43 100

74 23.9 19.4 29.2





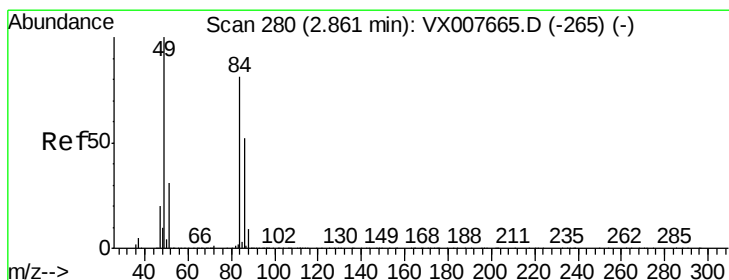
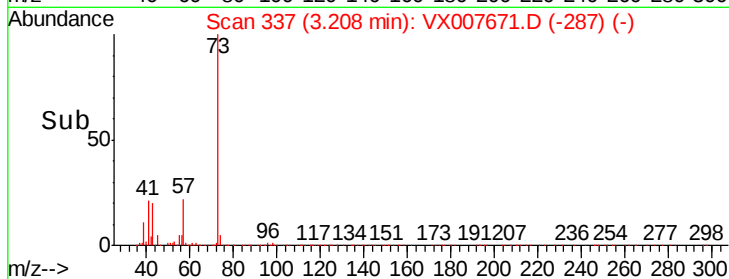
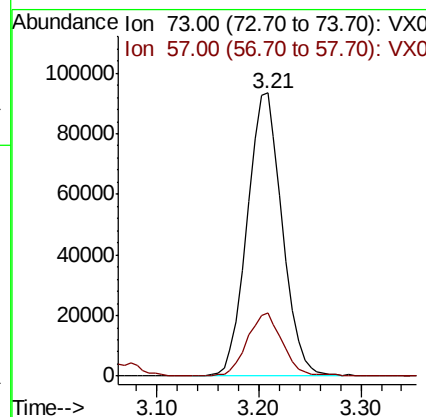
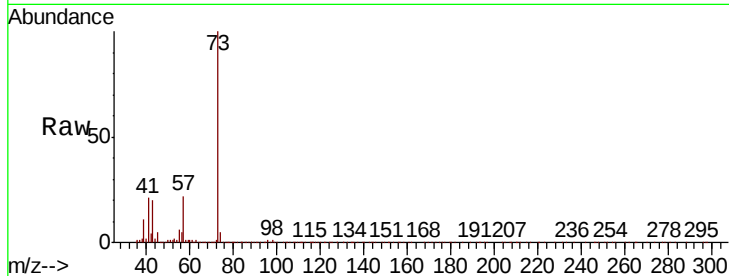
#19
Methvl tert-butvl Ether
Concen: 20.126 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.8	26.8

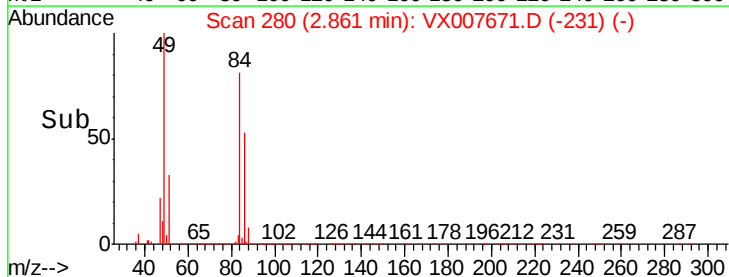
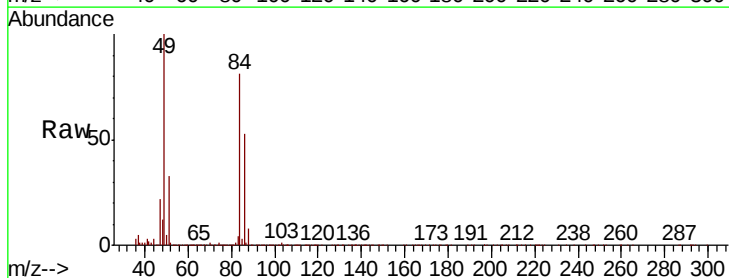
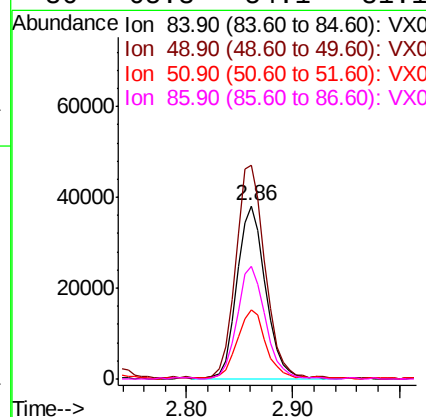
Manual Integrations
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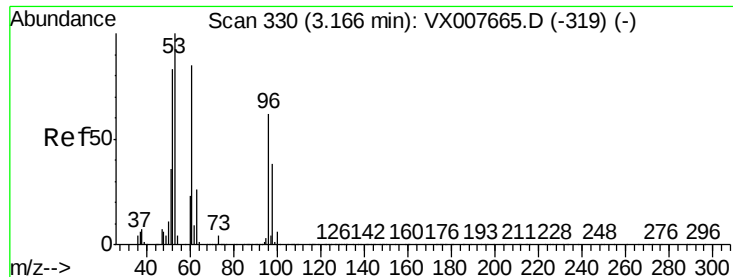
MMDadoda
2/26/2019 2:57:55 PM



#20
Methylene Chloride
Concen: 19.638 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.0	94.8	142.2
51	39.8	29.8	44.8
86	65.3	54.1	81.1





#21

trans-1,2-Dichloroethene

Concen: 20.076 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

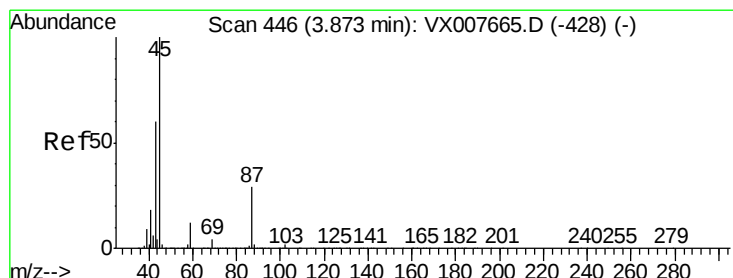
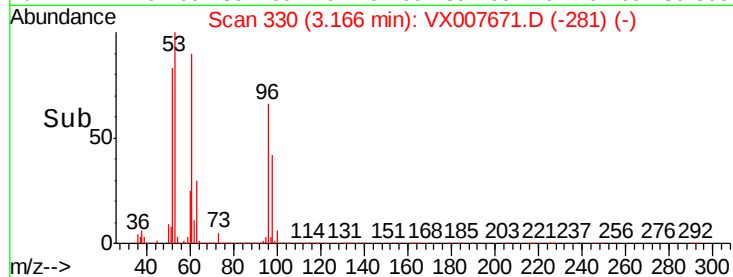
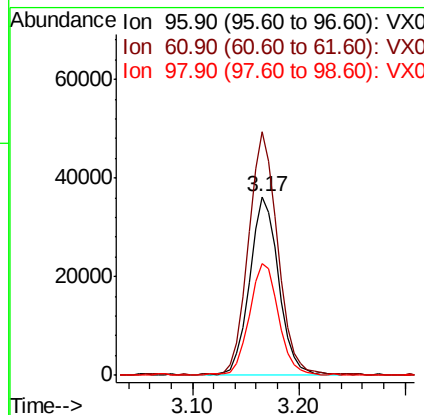
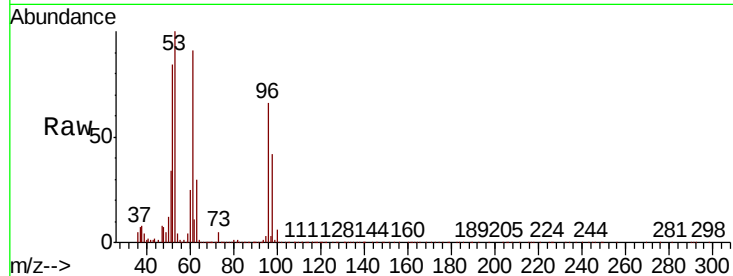
ClientSampleId :

VX0225WS01

Tot Ion:	96	Resp:	69071
Ion	Ratio	Lower	Upper
96	100		
61	136.4	104.6	156.8
98	62.5	51.0	76.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.734 ug/l

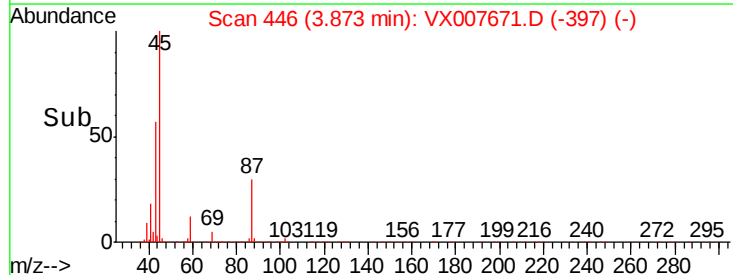
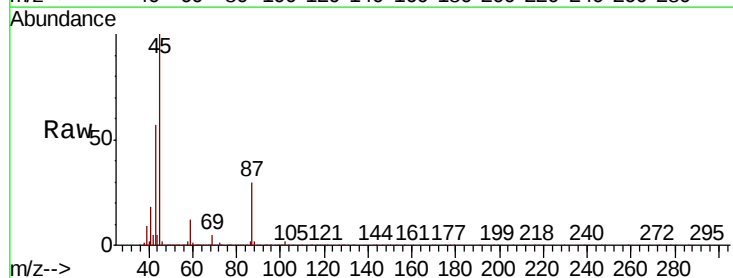
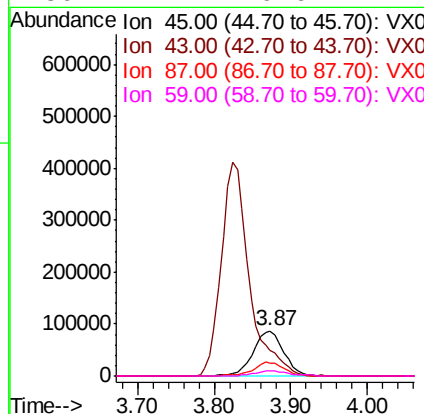
RT: 3.87 min Scan# 446

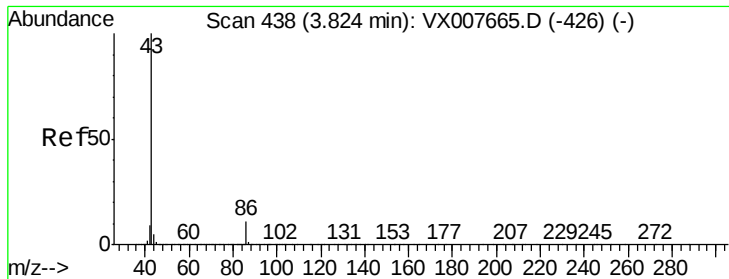
Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Tgt Ion:	45	Resp:	240394
Ion	Ratio	Lower	Upper
45	100		
43	56.3	48.9	73.3
87	29.7	23.9	35.9
59	12.2	9.6	14.4





#23

Vinyl Acetate

Concen: 98.563 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS01

Tot Ion: 43 Resp: 1053409

Ion Ratio Lower Upper

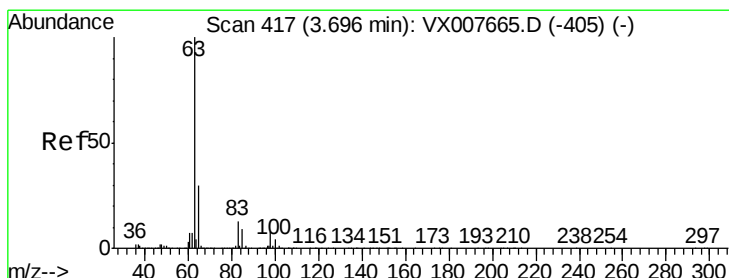
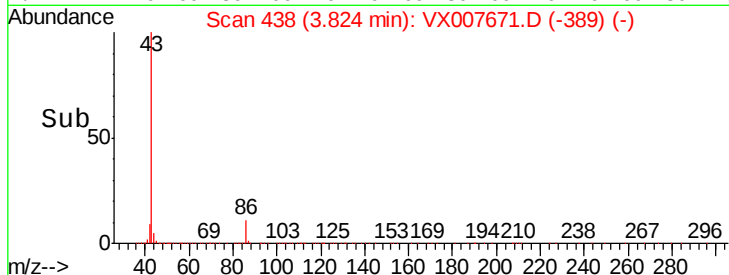
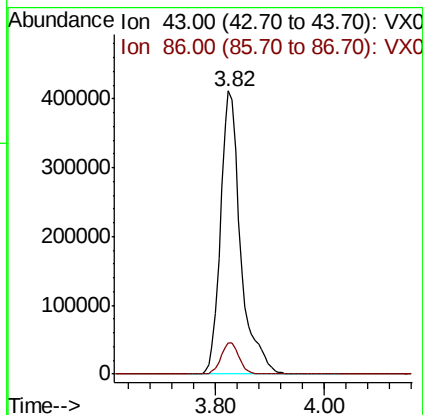
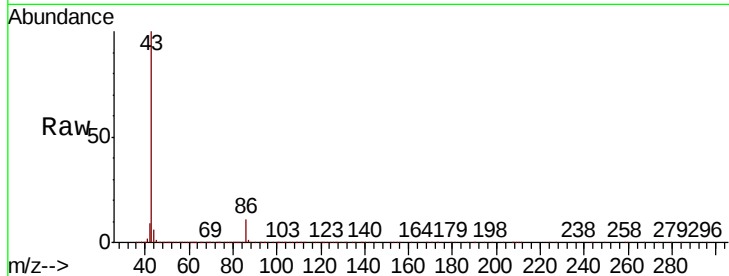
43 100

86 11.0 8.7 13.1

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 19.780 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

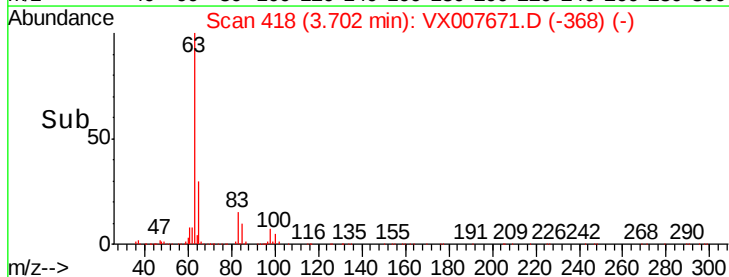
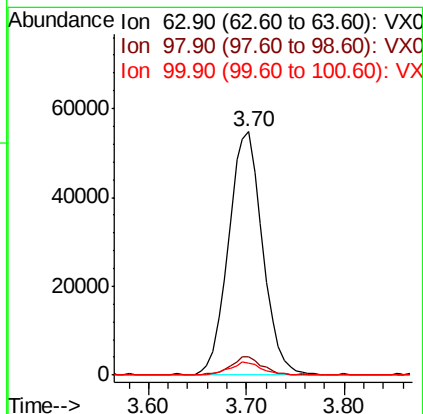
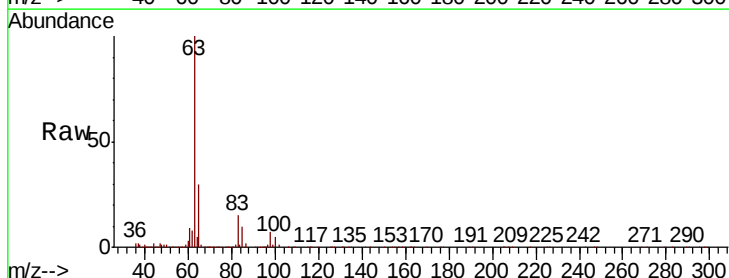
Tgt Ion: 63 Resp: 130953

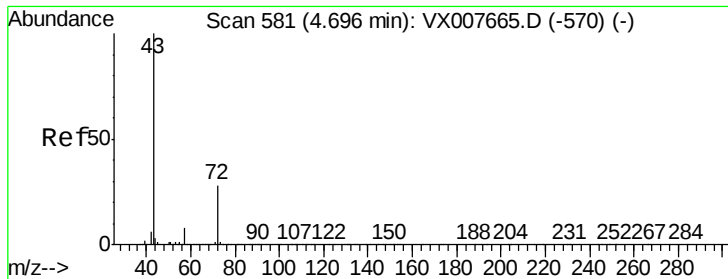
Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 4.6 2.5 7.4





#25

2-Butanone

Concen: 100.566 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS01

Tot Ion: 43 Resp: 305302

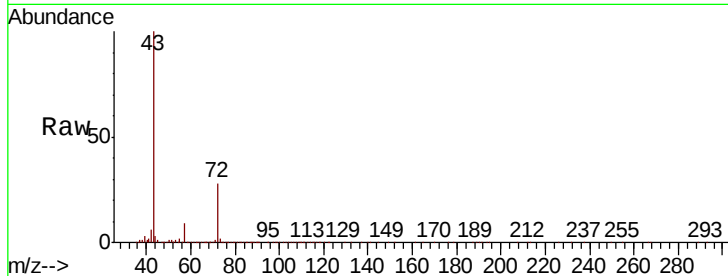
Ion Ratio Lower Upper

43 100

72 27.6 22.2 33.2

Manual Integrations
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

120000

100000

80000

60000

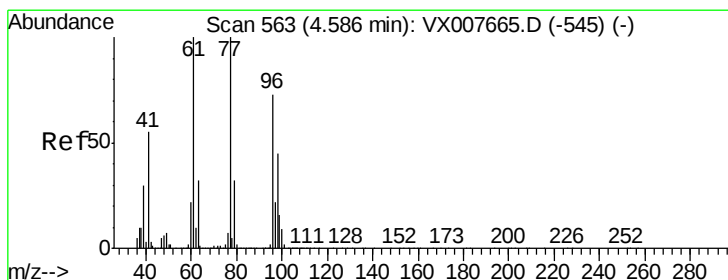
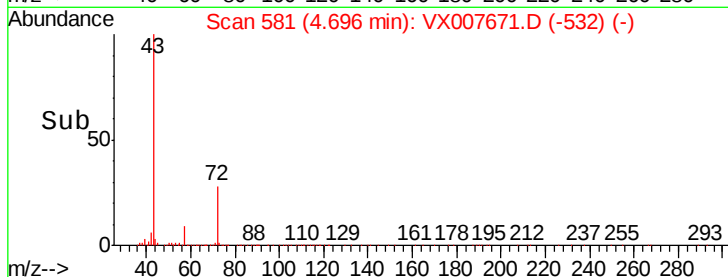
40000

20000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 18.620 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007671.D

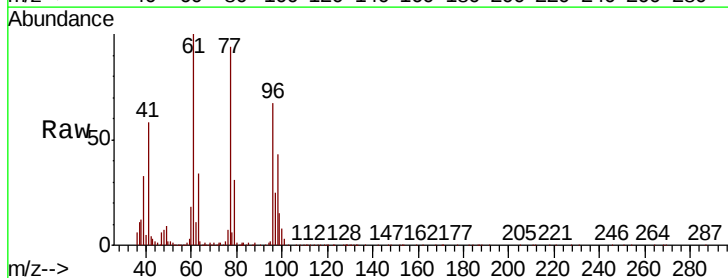
Acq: 25 Feb 2019 14:07

Tgt Ion: 77 Resp: 98402

Ion Ratio Lower Upper

77 100

97 25.5 12.1 36.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

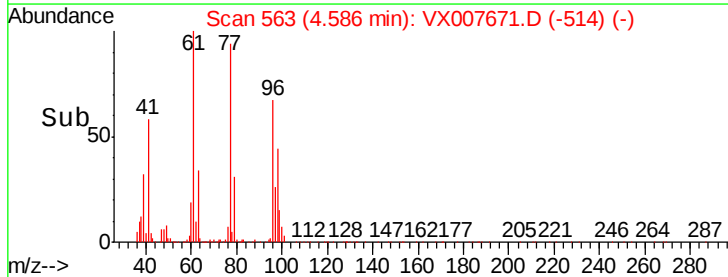
20000

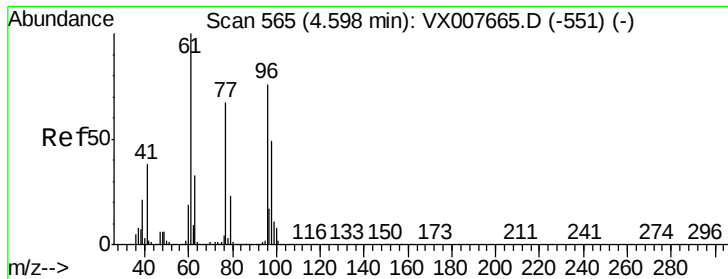
10000

0

4.50 4.60 4.70

Time-->





#27

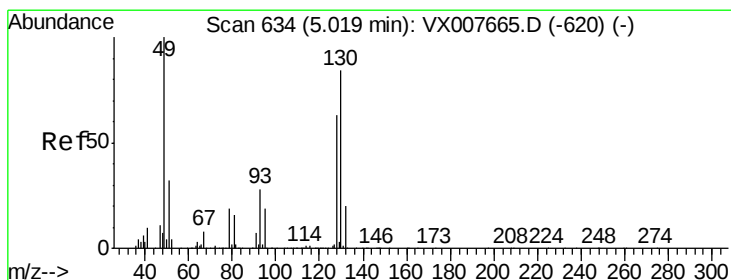
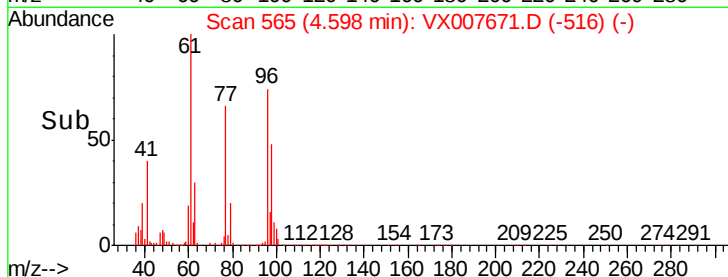
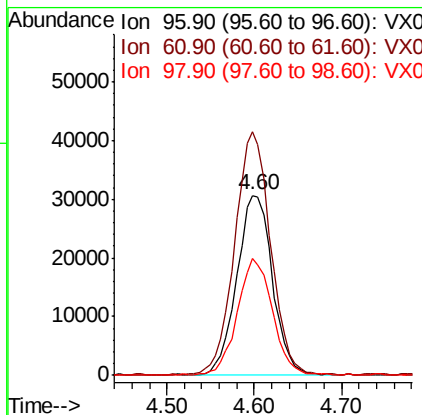
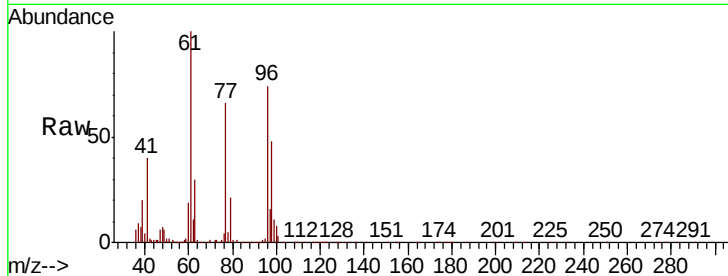
cis-1,2-Dichloroethene
Concen: 19.883 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.9	0.0	265.6
98	64.3	0.0	131.6

Manual Integrations
APPROVED

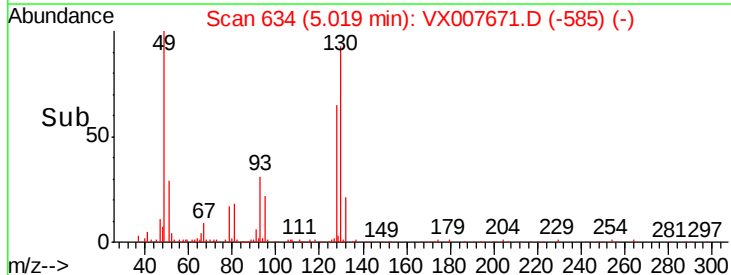
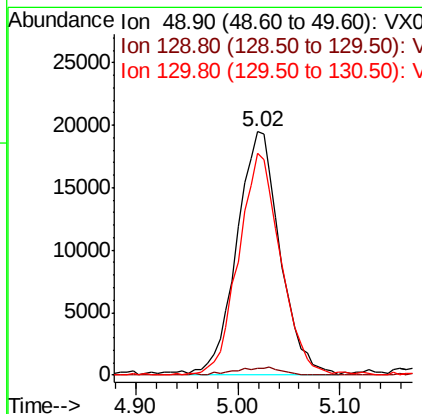
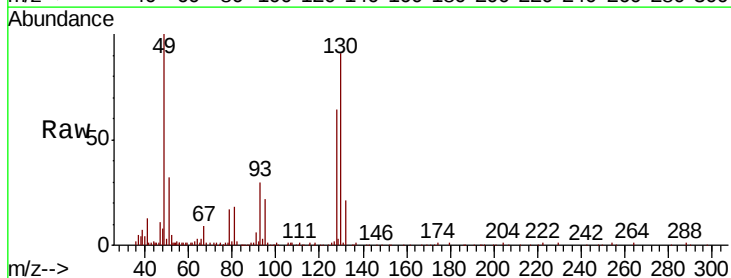
MMDadoda
2/26/2019 2:57:55 PM

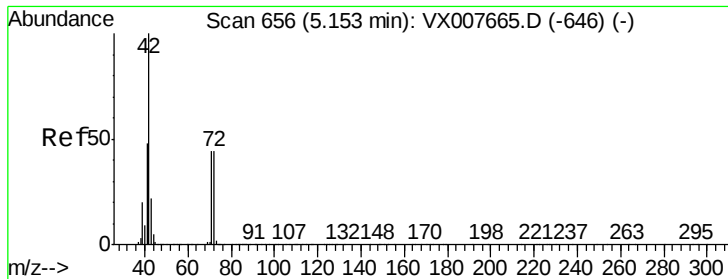


#28

Bromochloromethane
Concen: 17.758 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.4	0.0	5.6
130	89.0	75.6	113.4





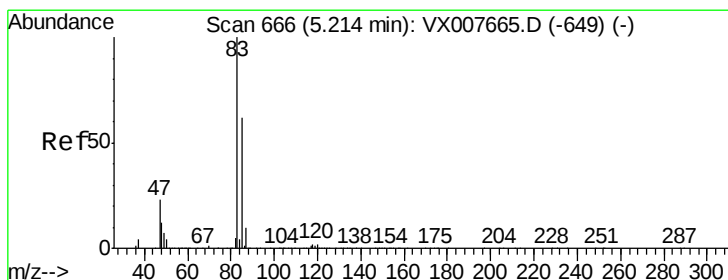
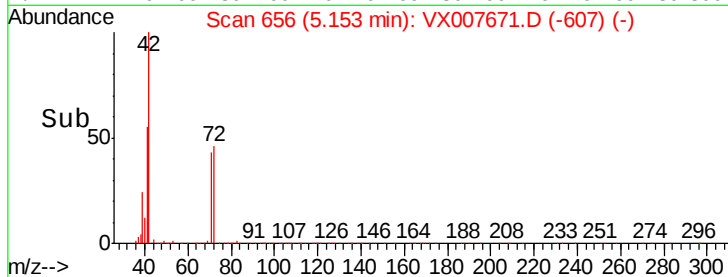
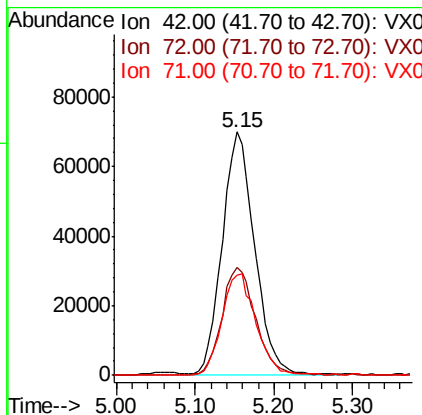
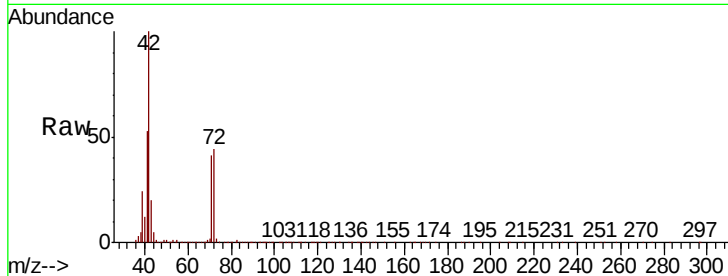
#29
Tetrahydrofuran
Concen: 99.328 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.3	37.6	56.4
71	44.0	34.6	51.8

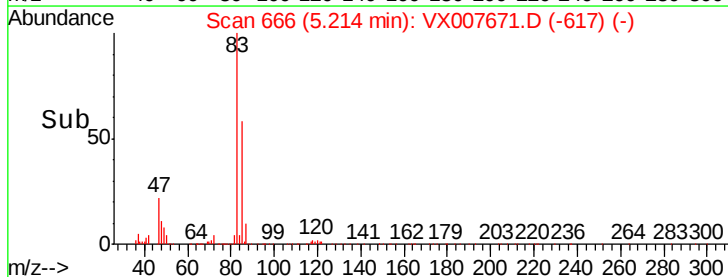
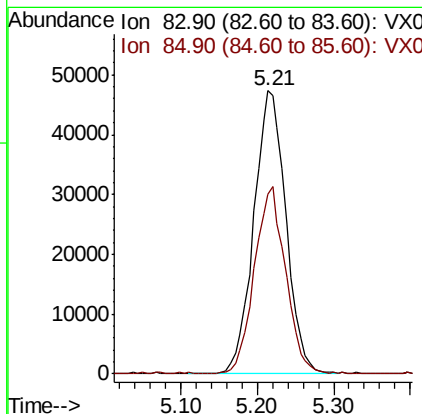
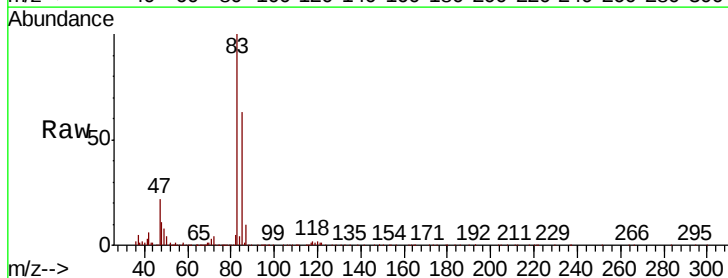
Manual Integrations
APPROVED

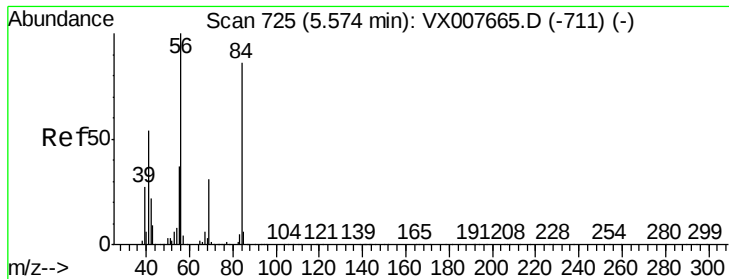
MMDadoda
2/26/2019 2:57:55 PM



#30
Chloroform
Concen: 19.423 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.6	77.4





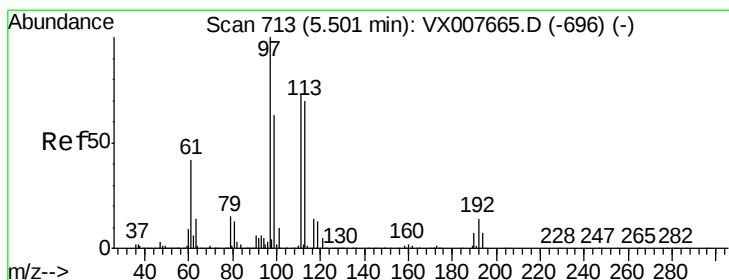
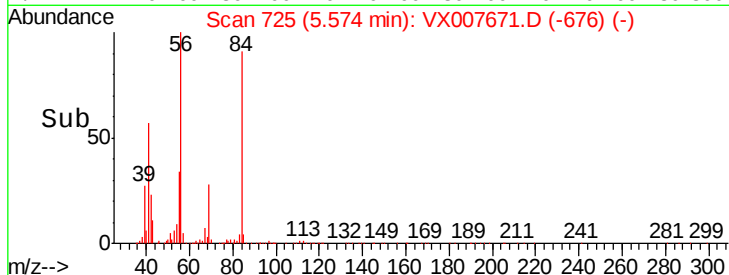
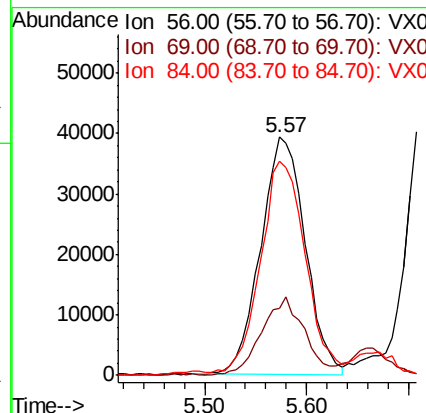
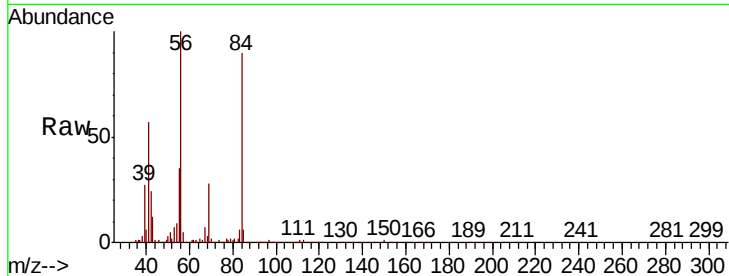
#31
Cyclohexane
Concen: 19.135 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	27.8	23.0	34.6
84	88.9	69.8	104.6

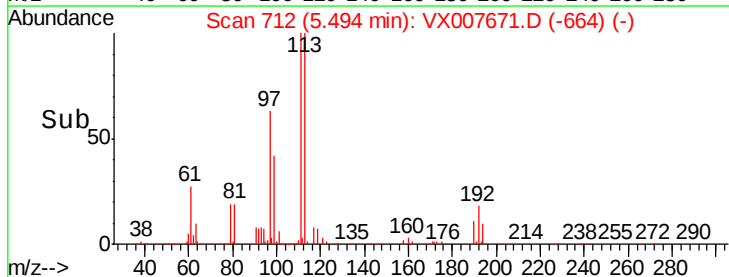
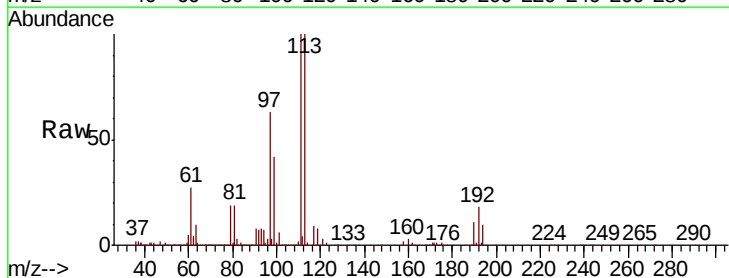
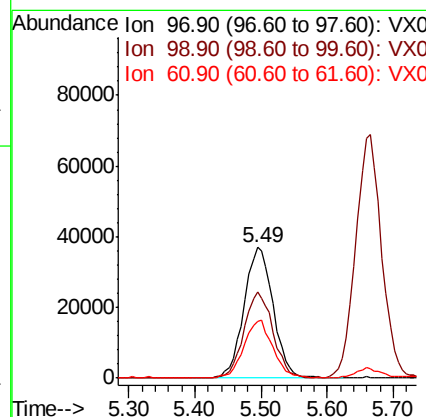
Manual Integrations
APPROVED

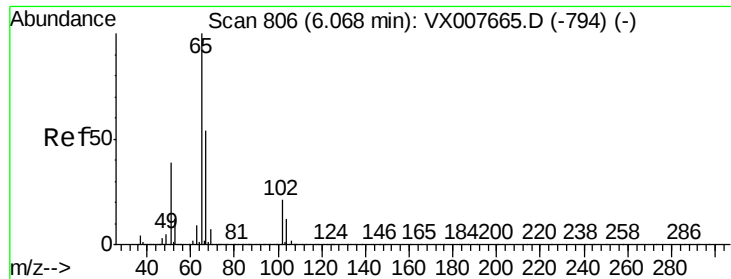
MMDadoda
2/26/2019 2:57:55 PM



#32
1,1,1-Trichloroethane
Concen: 19.373 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	52.2	78.2
61	43.4	32.7	49.1





#33

1,2-Dichloroethane-d4

Concen: 46.829 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS01

Tot Ion: 65 Resp: 209872

Ion Ratio Lower Upper

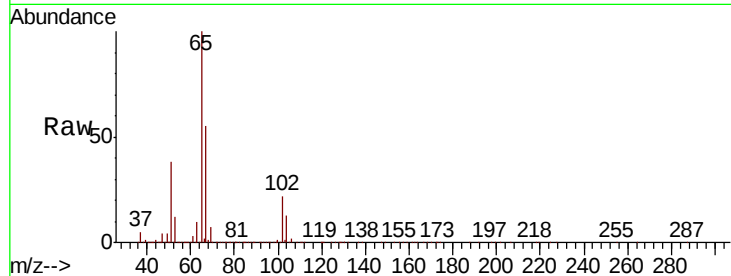
65 100

67 55.0 0.0 108.8

Manual Integrations
APPROVED

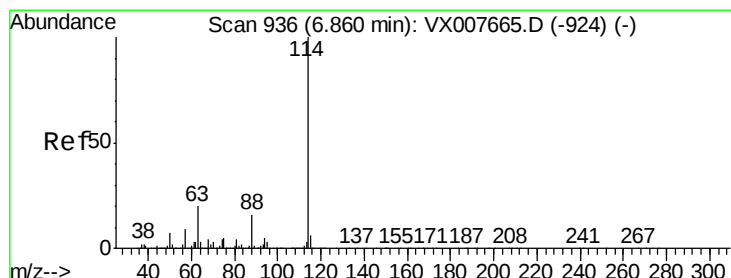
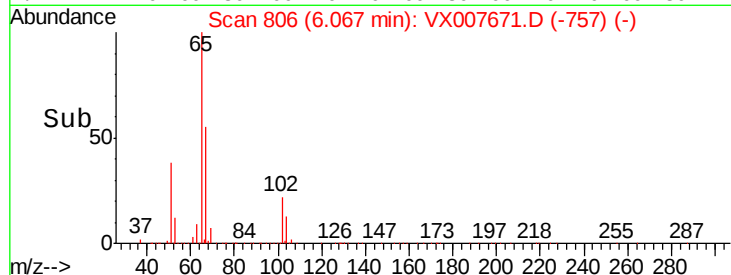
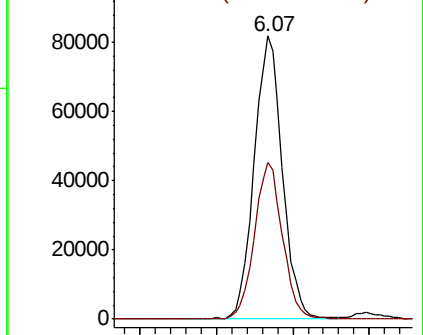
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

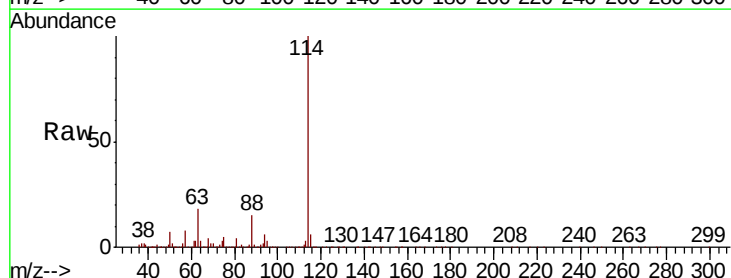
Tgt Ion: 114 Resp: 573959

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.6

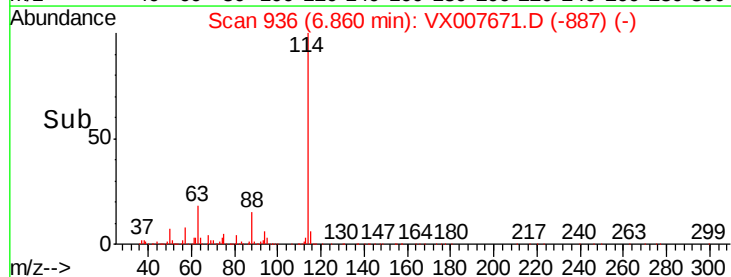
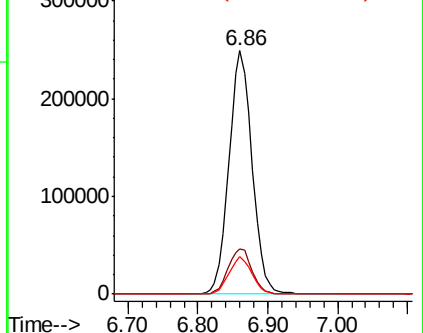
88 15.3 0.0 29.6

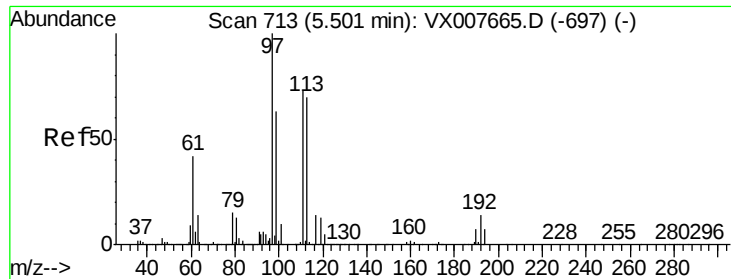


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.163 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

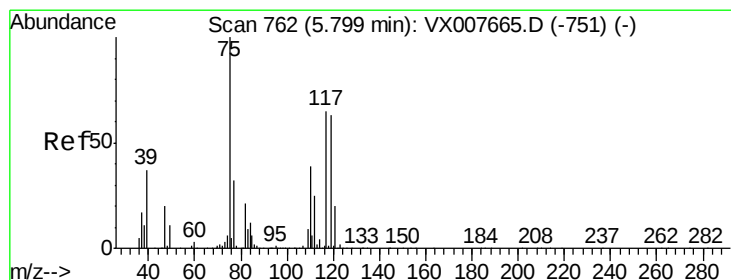
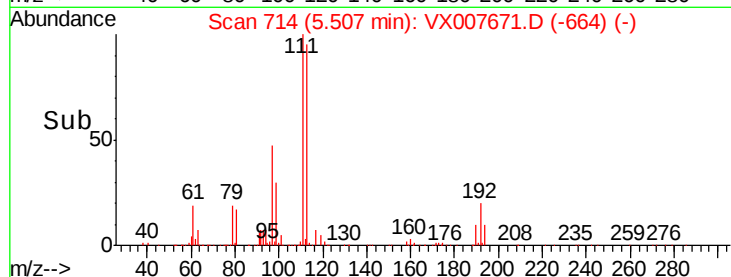
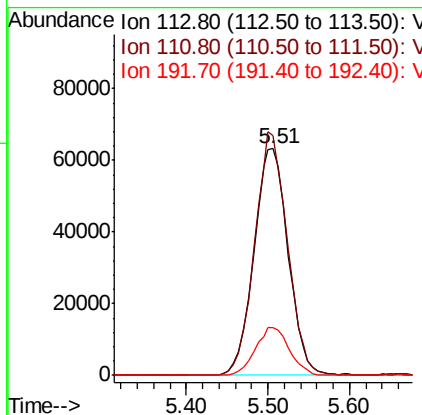
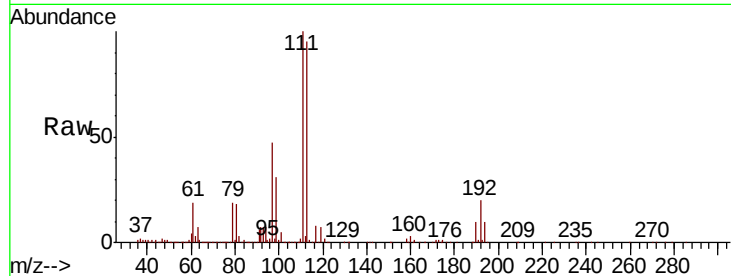
ClientSampleId :

VX0225WBS01

Tot Ion:	113	Resp:	184789
Ion Ratio	Lower	Upper	
113	100		
111	102.5	81.8	122.8
192	21.1	18.5	27.7

Manual Integrations
APPROVED

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2/26/2019 2:57:55 PM



#36

1,1-Dichloropropene

Concen: 19.129 ug/l

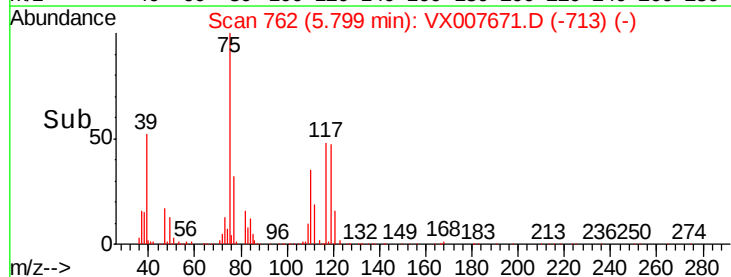
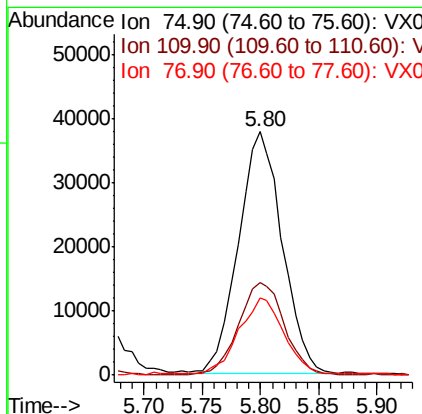
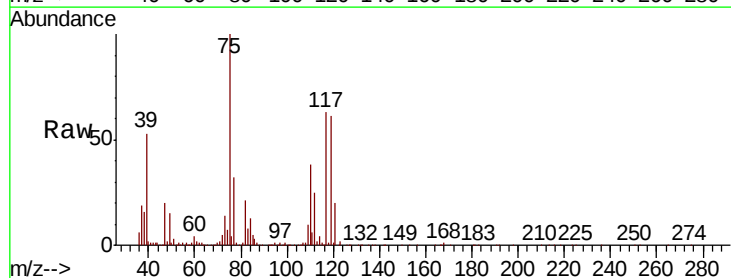
RT: 5.80 min Scan# 762

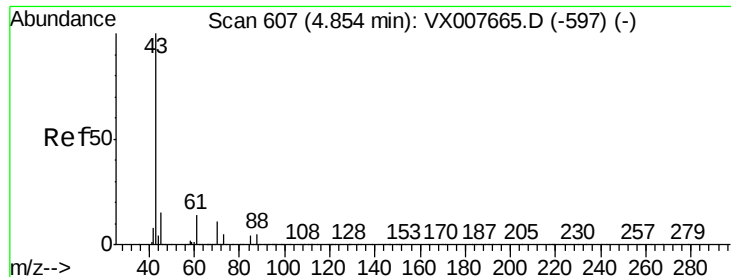
Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Tgt Ion:	75	Resp:	98705
Ion Ratio	Lower	Upper	
75	100		
110	39.4	20.0	59.9
77	32.7	24.7	37.1





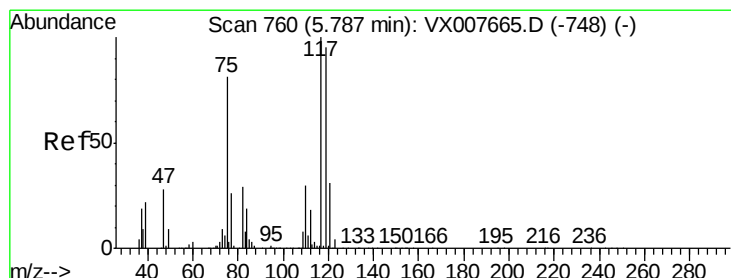
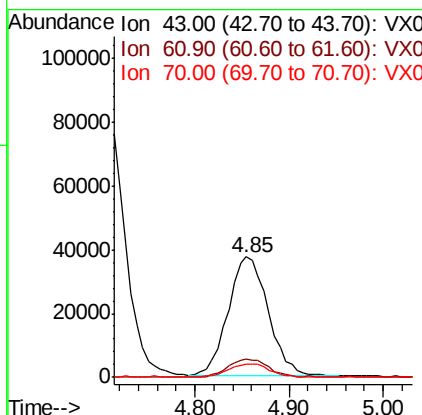
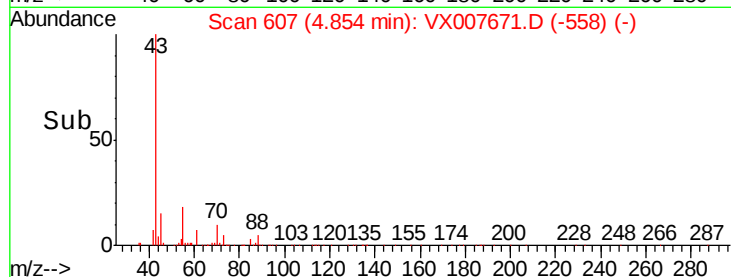
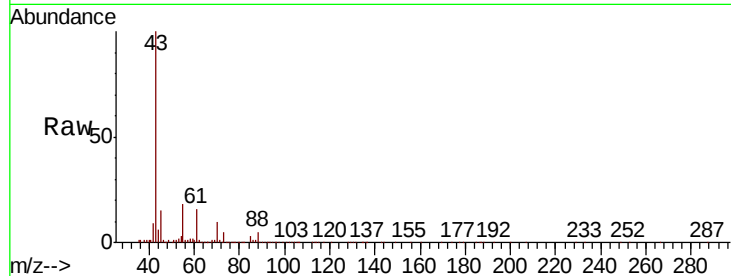
#37
Ethyl Acetate
Concen: 19.492 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.3	16.9
70	11.9	8.6	13.0

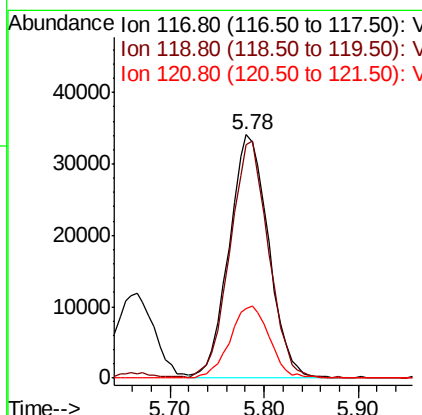
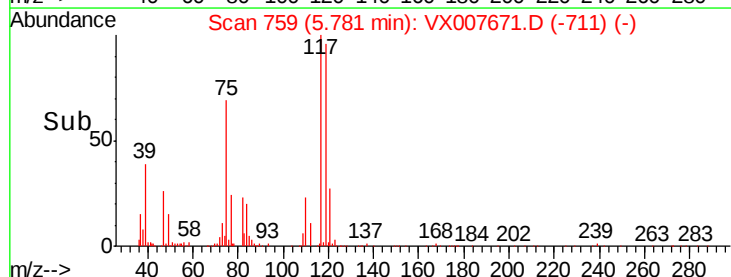
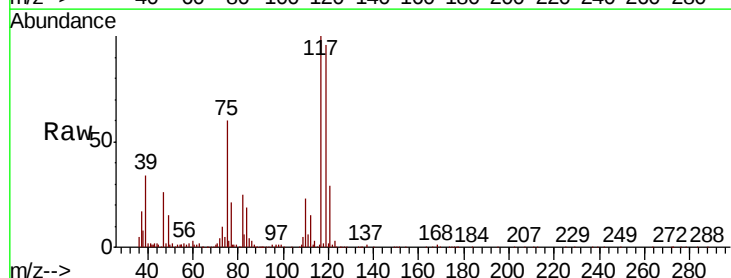
Manual Integrations
APPROVED

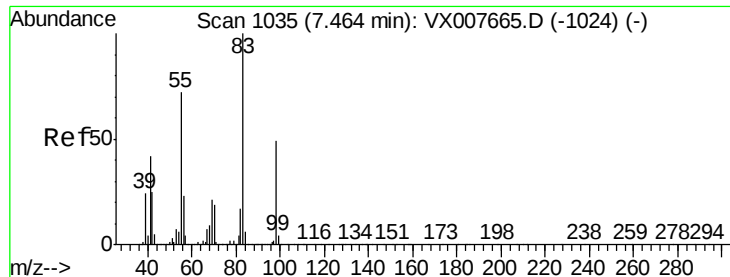
MMDadoda
2/26/2019 2:57:55 PM



#38
Carbon Tetrachloride
Concen: 19.118 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.3	112.9
121	28.4	25.0	37.4





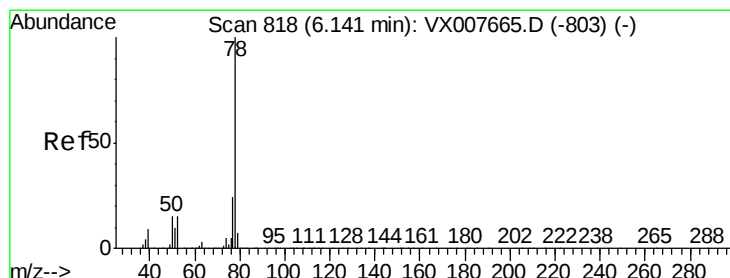
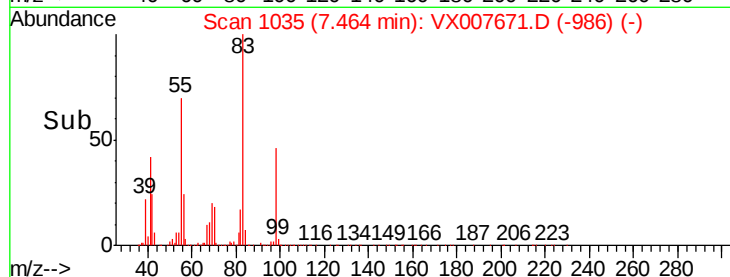
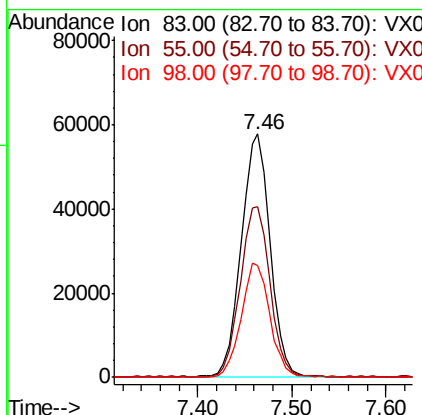
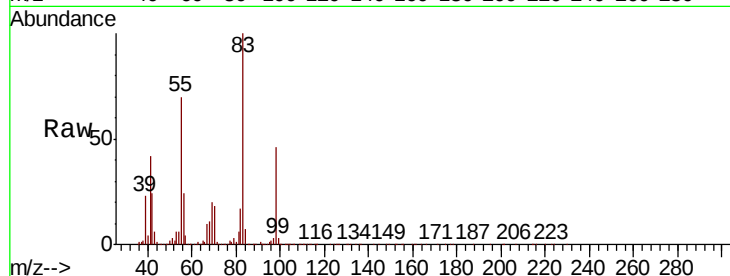
#39
Methylvlcvclohexane
Concen: 19.032 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	124118		
55	69.8		56.2	84.2
98	46.2		36.8	55.2

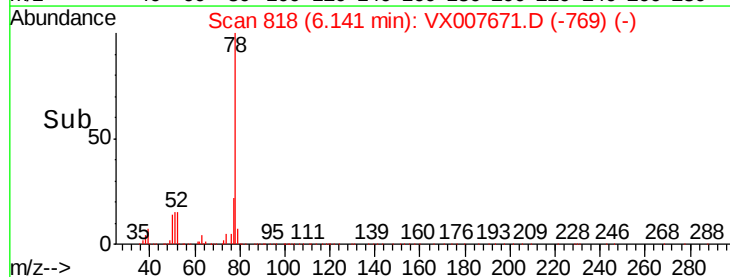
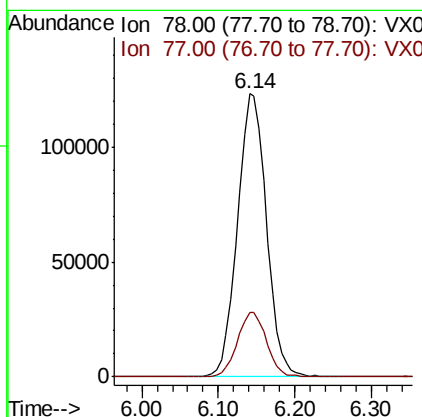
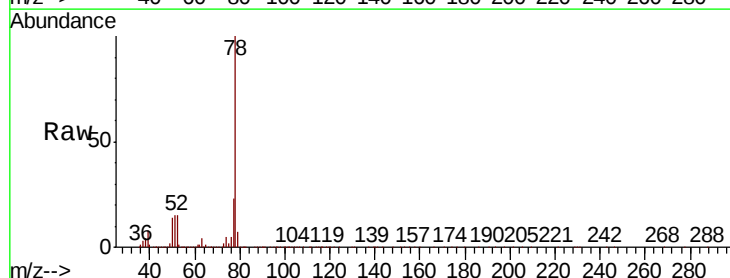
Manual Integrations
APPROVED

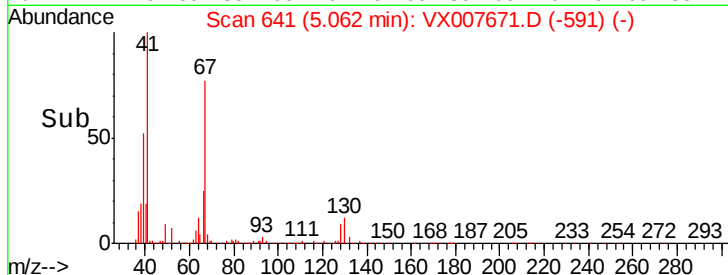
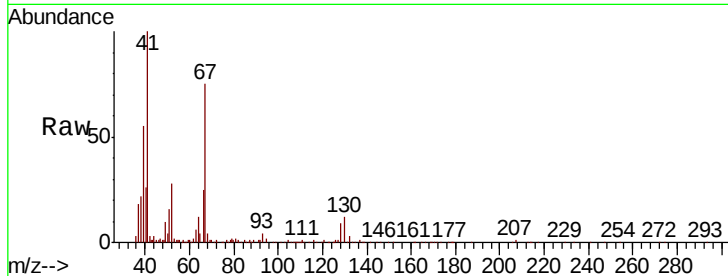
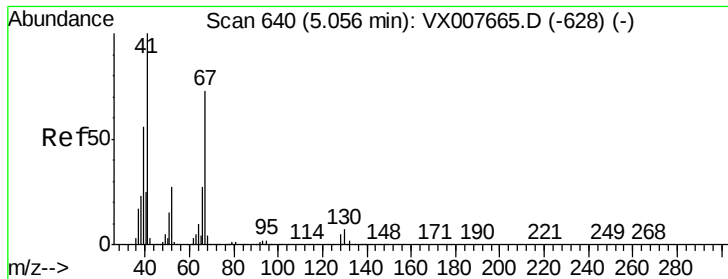
MMDadoda
2/26/2019 2:57:55 PM



#40
Benzene
Concen: 20.283 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

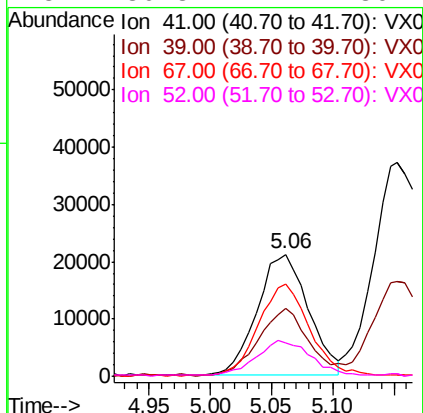
Tgt Ion	Ratio	Resp	Lower	Upper
78	100	323082		
77	22.6		19.3	28.9





#41
Methacrylonitrile
Concen: 20.051 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

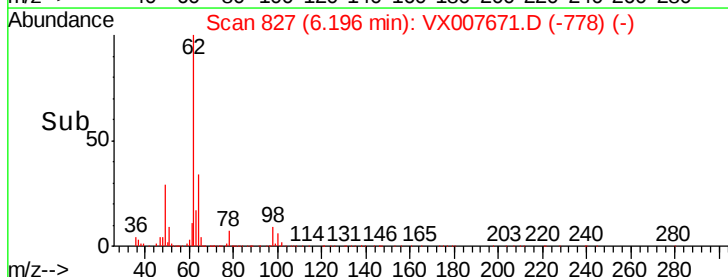
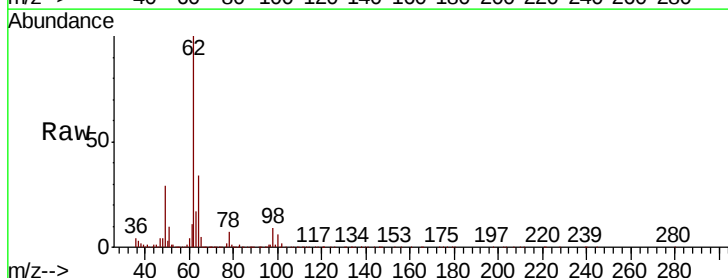
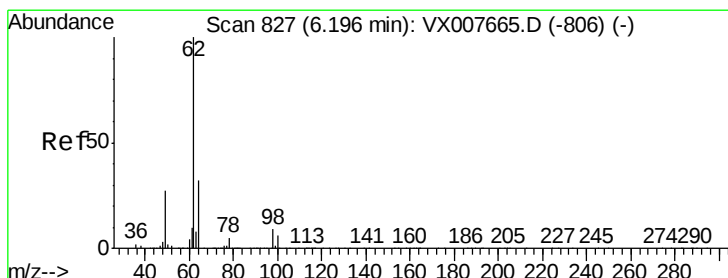
Tot Ion	Ratio	Lower	Upper
41	100		
39	56.5	44.5	66.7
67	75.4	60.4	90.6
52	30.3	24.1	36.1



Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS01

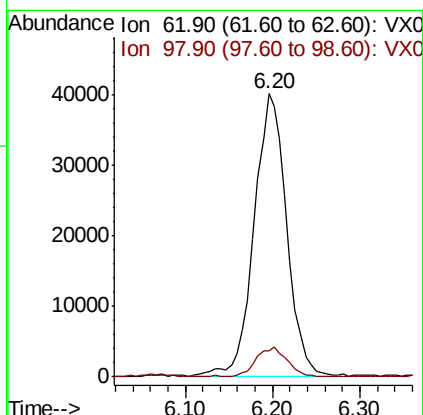
Manual Integrations
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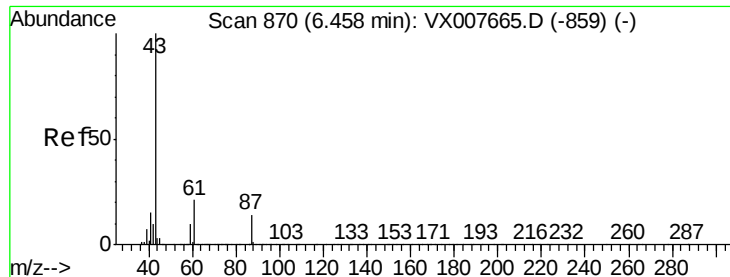
MMDadoda
2/26/2019 2:57:55 PM



#42
1,2-Dichloroethane
Concen: 19.301 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	19.0





#43

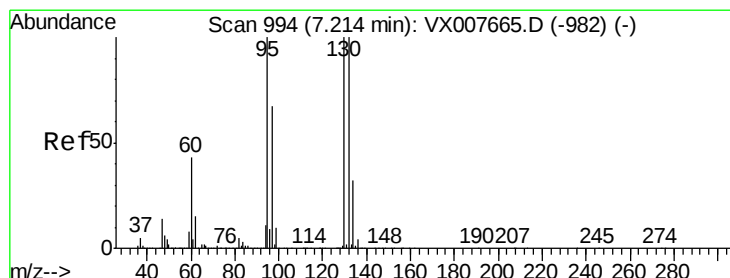
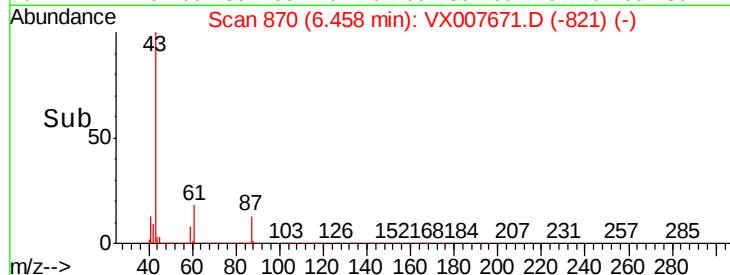
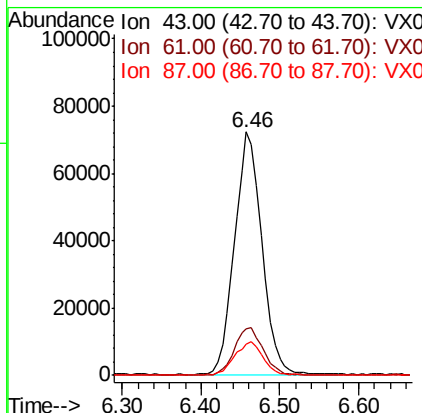
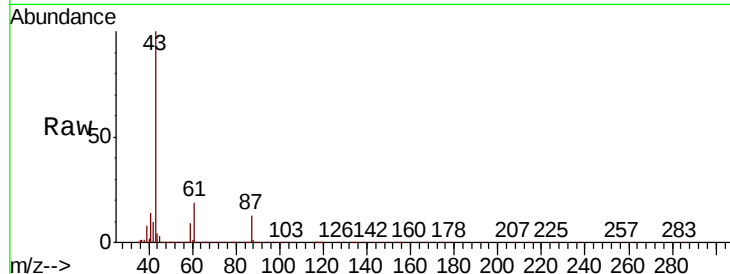
Isopropyl Acetate
 Concen: 19.773 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX007671.D
 Acq: 25 Feb 2019 14:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.7	16.1	24.1
87	14.5	11.5	17.3

Manual Integrations
 APPROVED

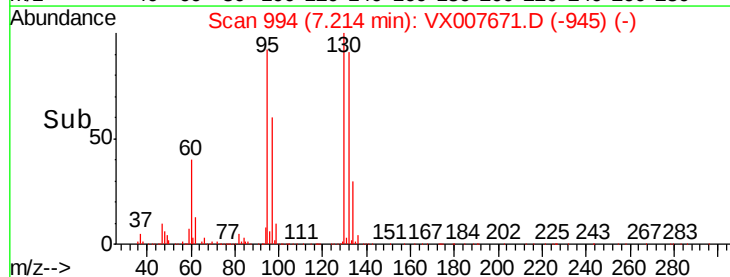
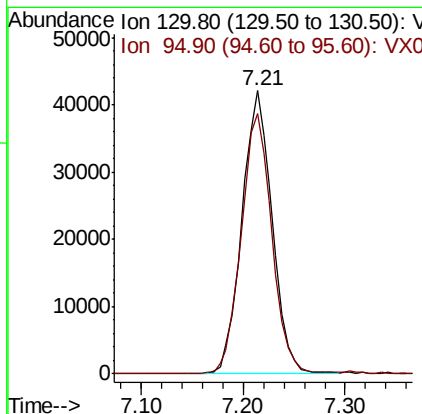
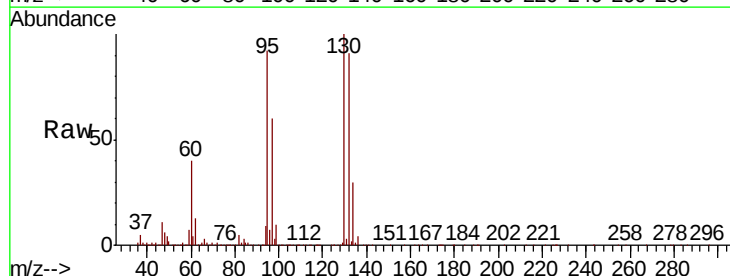
MMDadoda
 2/26/2019 2:57:55 PM

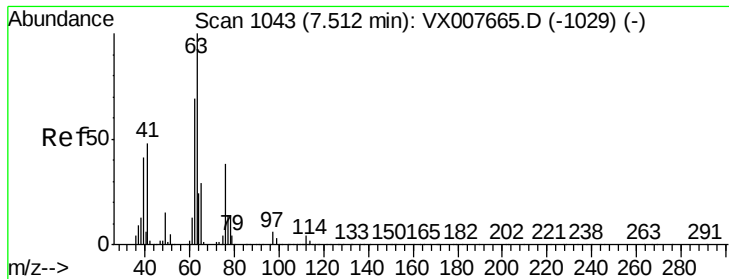


#44

Trichloroethene
 Concen: 19.802 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX007671.D
 Acq: 25 Feb 2019 14:07

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.0	0.0	180.0





#45

1,2-Dichloropropane

Concen: 19.861 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS01

Tot Ion: 63 Resp: 81950

Ion Ratio Lower Upper

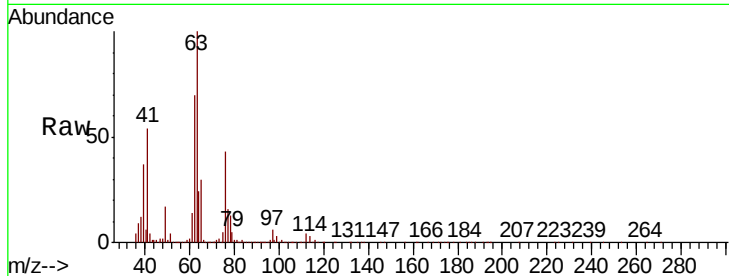
63 100

65 29.4 24.2 36.2

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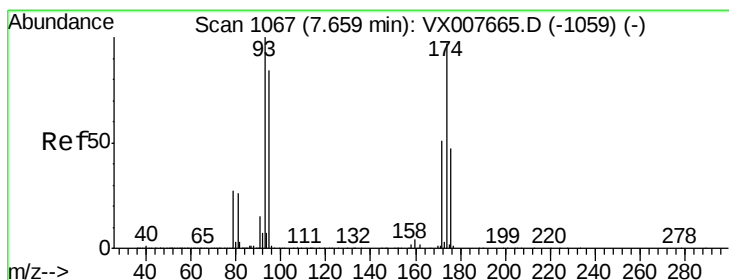
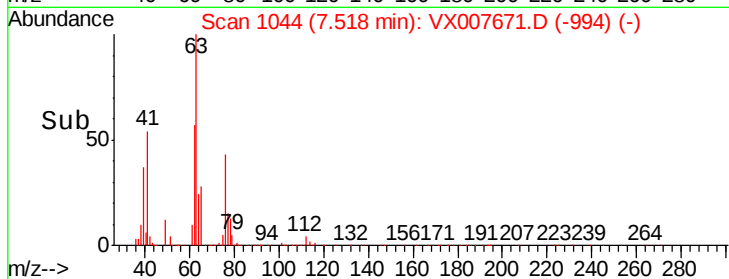
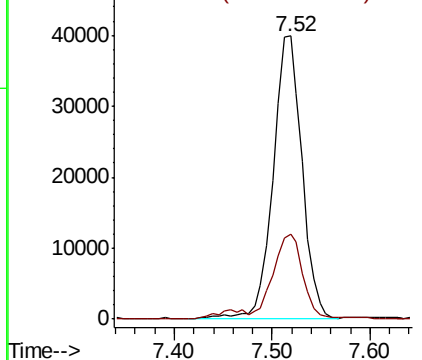
MMDadoda

2/26/2019 2:57:55 PM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.233 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

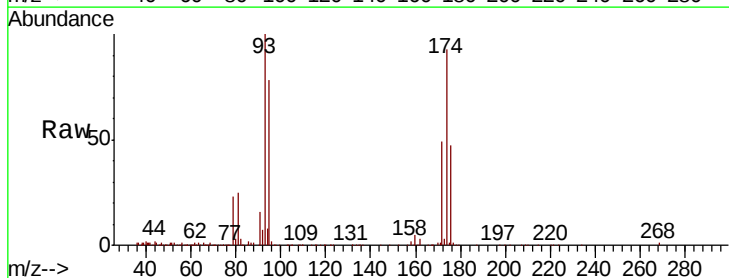
Tgt Ion: 93 Resp: 55364

Ion Ratio Lower Upper

93 100

95 84.0 67.6 101.4

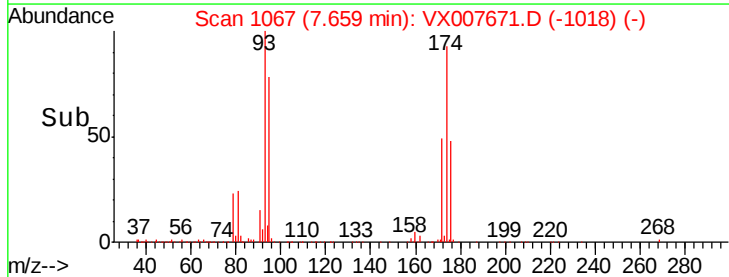
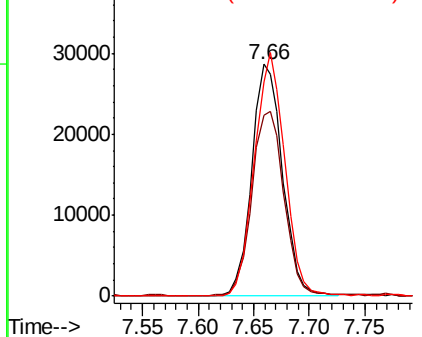
174 103.9 94.2 141.4

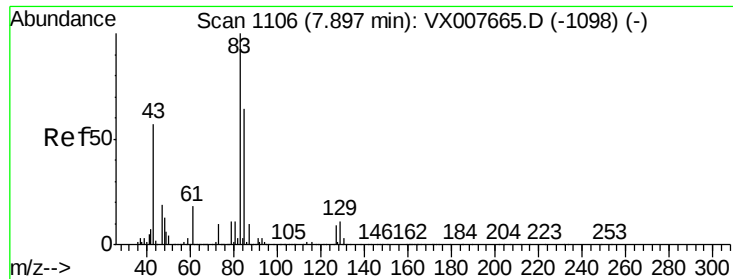


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.988 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

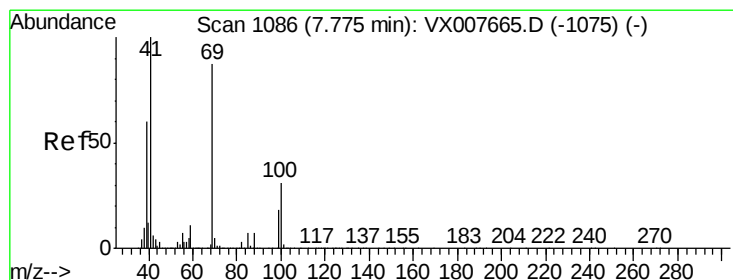
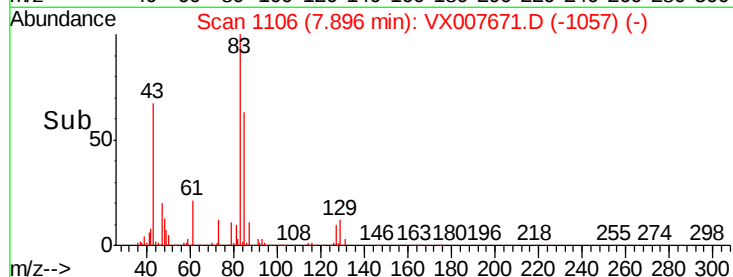
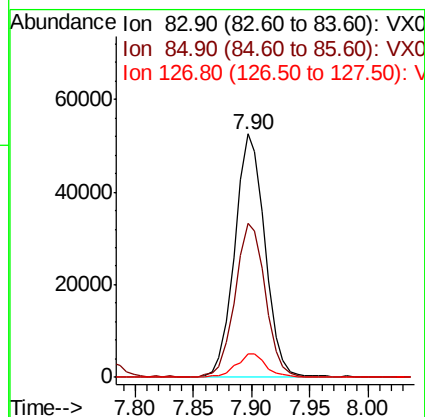
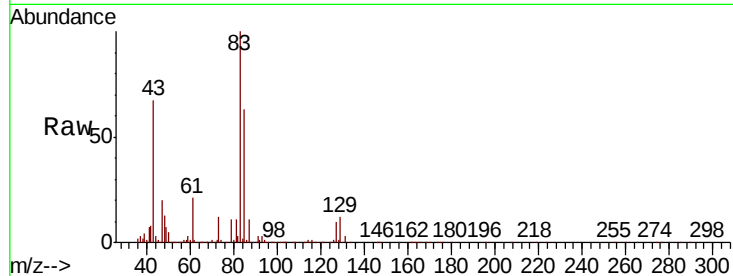
ClientSampleId :

VX0225WS01

Tot Ion:	83	Resp:	94724
Ion Ratio	Lower	Upper	
83	100		
85	63.4	51.4	77.0
127	9.5	8.1	12.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.433 ug/l

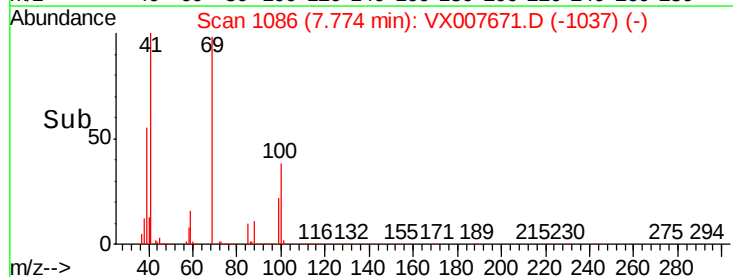
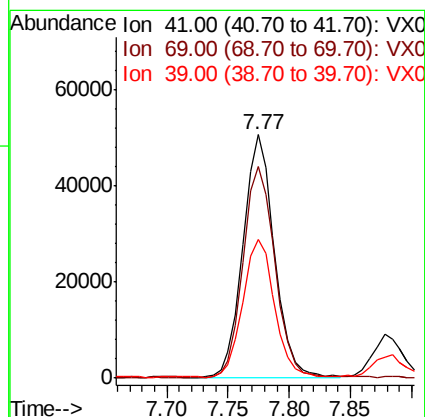
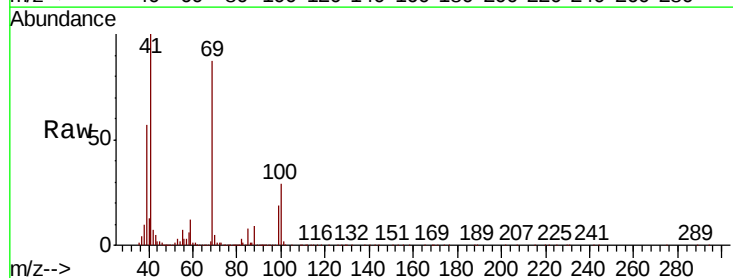
RT: 7.77 min Scan# 1086

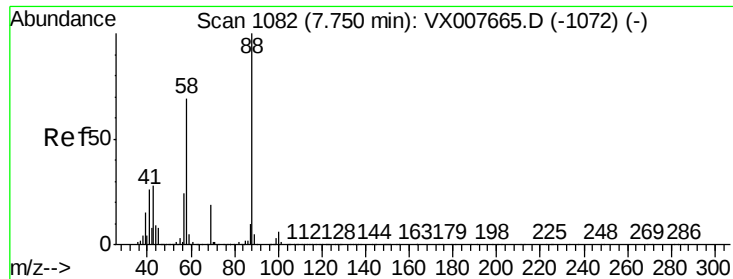
Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Tgt Ion:	41	Resp:	89864
Ion Ratio	Lower	Upper	
41	100		
69	89.7	70.2	105.4
39	57.6	47.4	71.0





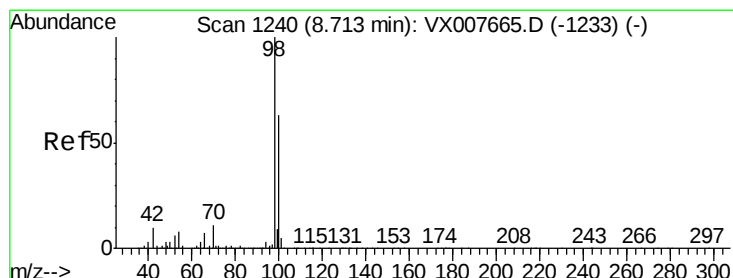
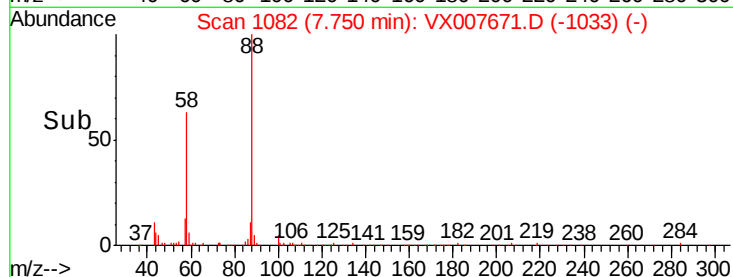
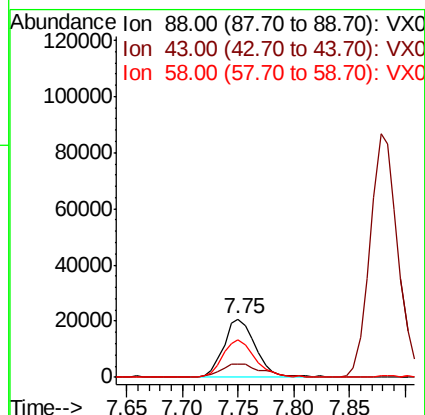
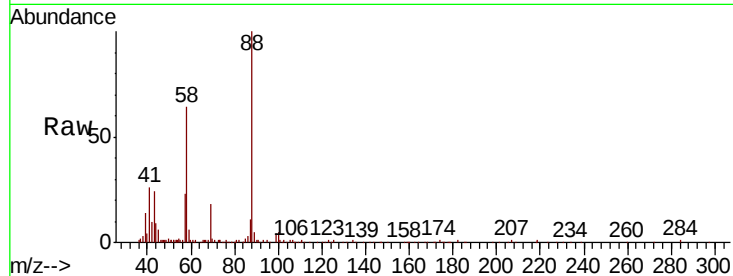
#49
1,4-Dioxane
Concen: 410.155 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.4	24.2	36.4
58	67.9	53.0	79.4

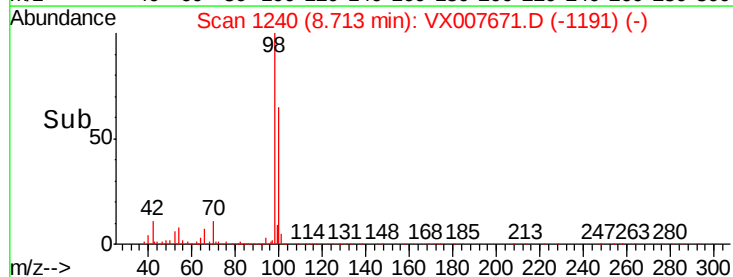
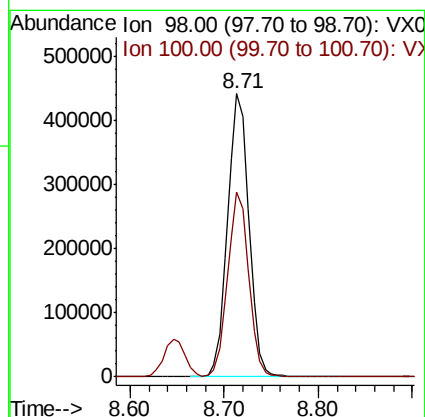
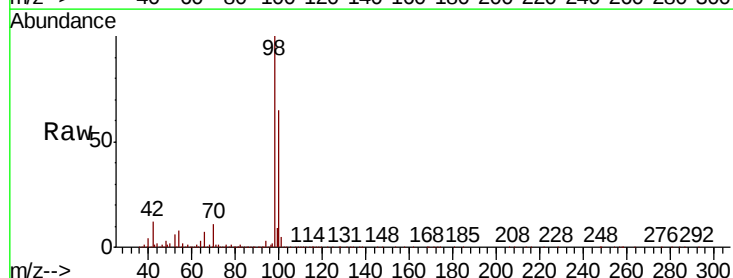
Manual Integrations
APPROVED

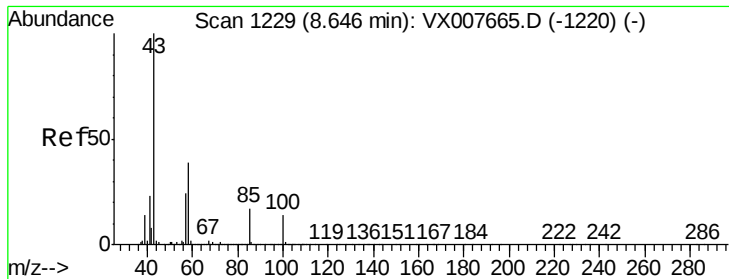
MMDadoda
2/26/2019 2:57:55 PM



#50
Toluene-d8
Concen: 47.251 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 100.892 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS01

Tot Ion: 43 Resp: 595787

Ion Ratio Lower Upper

43 100

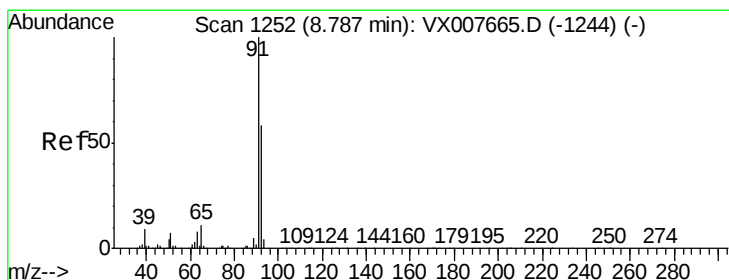
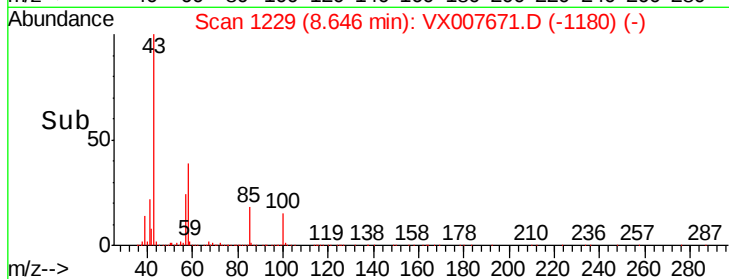
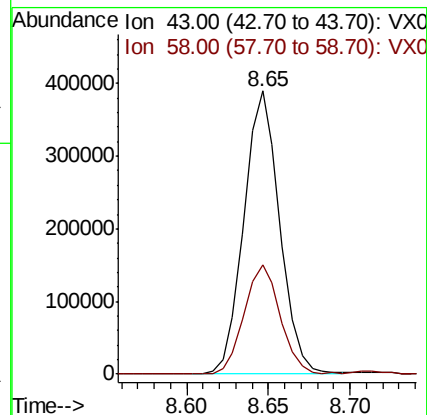
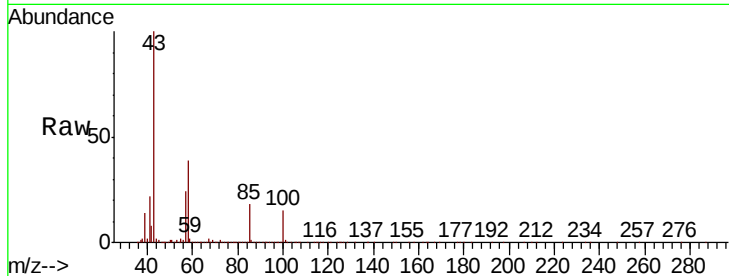
58 39.0 31.2 46.8

Manual Integrations

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#52

Toluene

Concen: 19.669 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007671.D

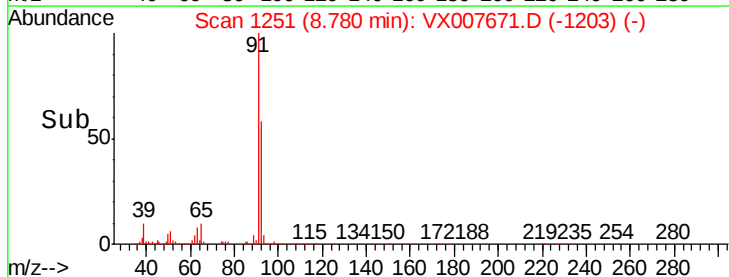
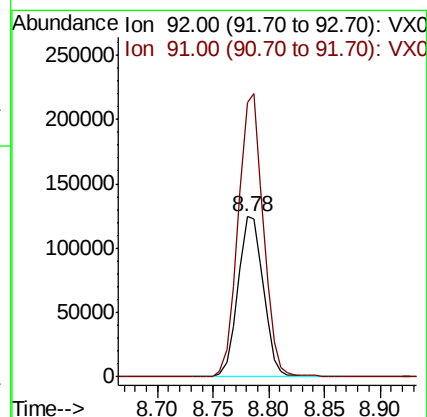
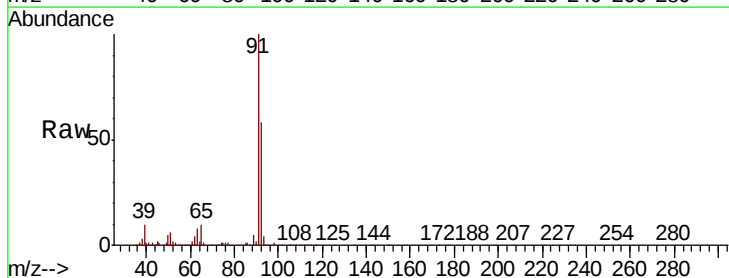
Acq: 25 Feb 2019 14:07

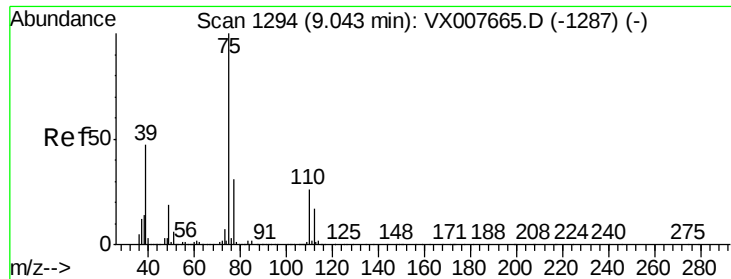
Tgt Ion: 92 Resp: 197571

Ion Ratio Lower Upper

92 100

91 174.2 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 18.680 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS01

Tot Ion: 75 Resp: 104314

Ion Ratio Lower Upper

75 100

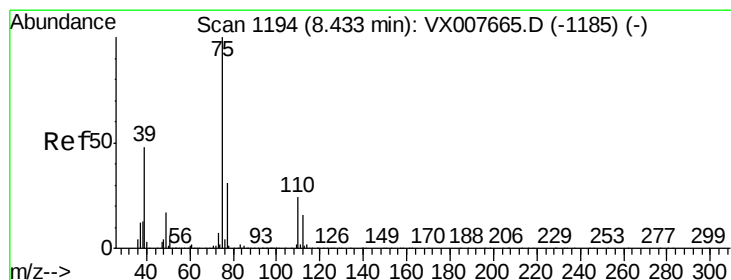
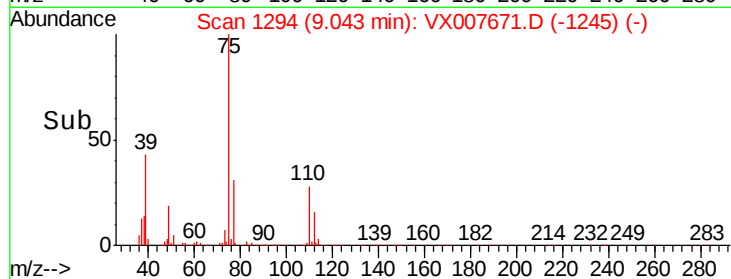
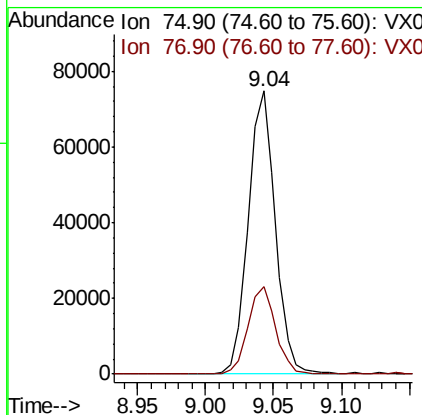
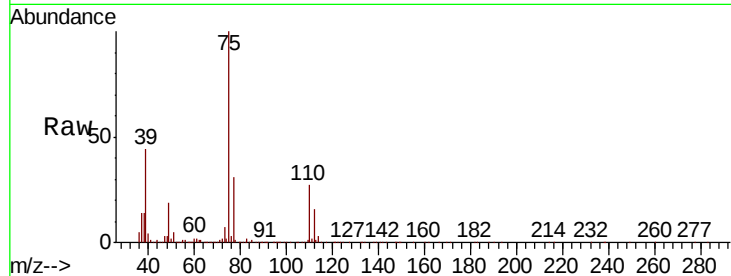
77 31.0 25.2 37.8

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 19.488 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

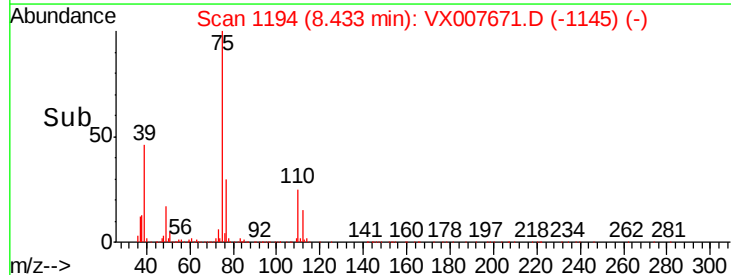
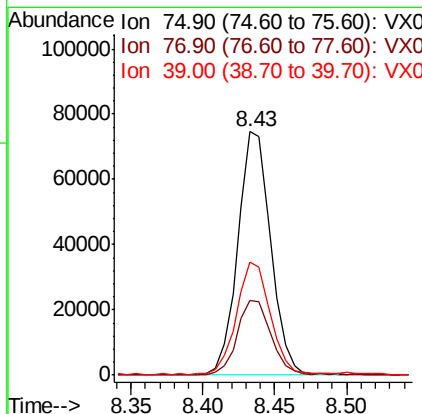
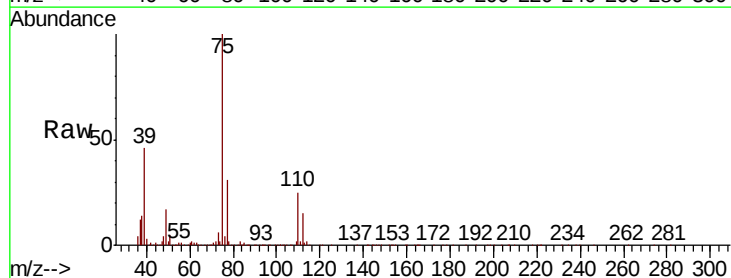
Tgt Ion: 75 Resp: 117977

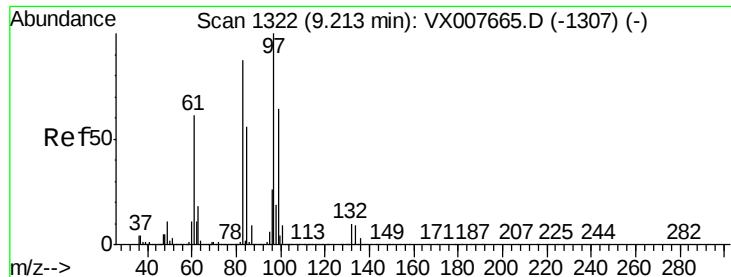
Ion Ratio Lower Upper

75 100

77 30.3 26.2 39.4

39 45.9 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 19.763 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

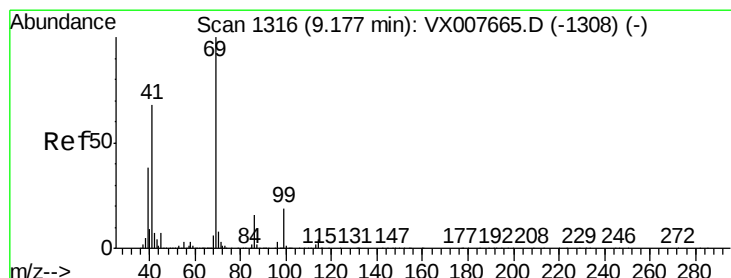
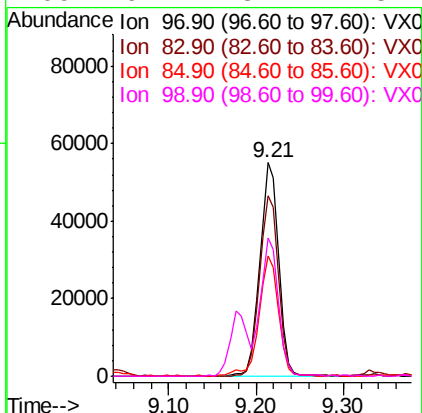
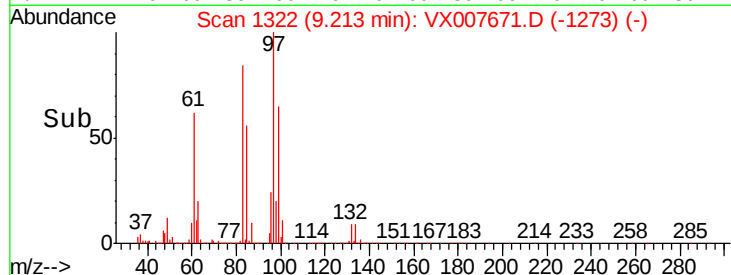
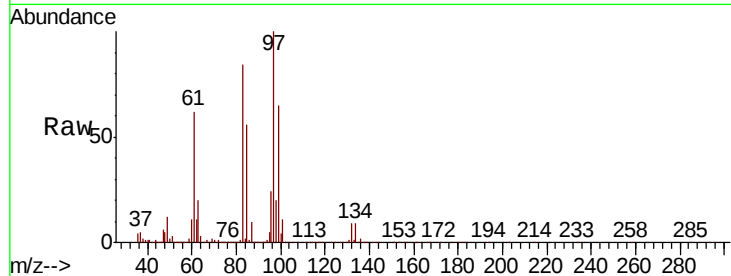
ClientSampleId :

VX0225WBS01

Tot Ion:	97	Resp:	82780
Ion	Ratio	Lower	Upper
97	100		
83	84.2	68.6	102.8
85	56.3	44.5	66.7
99	64.7	52.2	78.4

Manual Integrations
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2/26/2019 2:57:55 PM



#56

Ethyl methacrylate

Concen: 19.731 ug/l

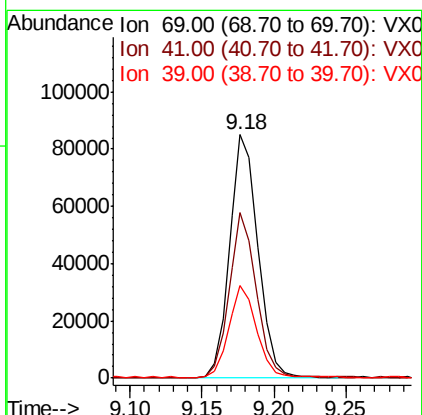
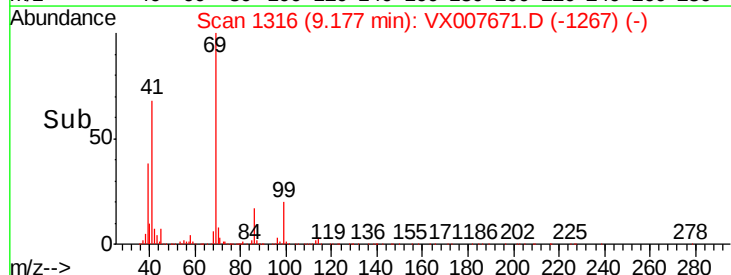
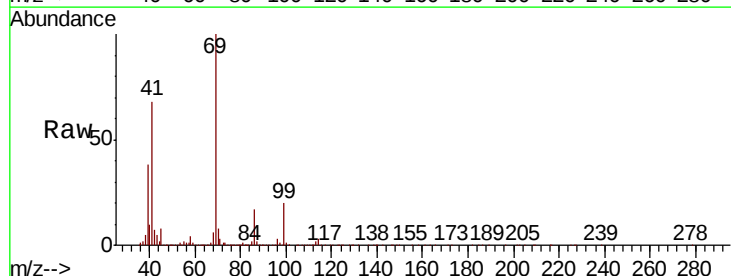
RT: 9.18 min Scan# 1316

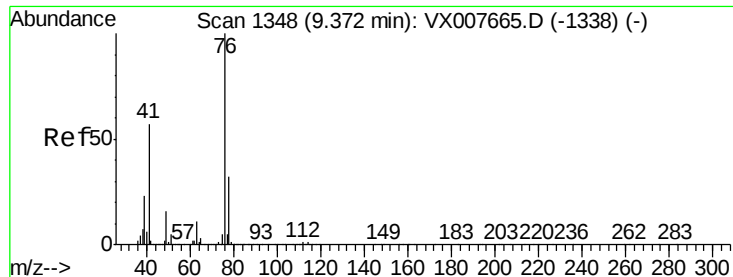
Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Tgt Ion:	69	Resp:	117530
Ion	Ratio	Lower	Upper
69	100		
41	65.1	52.1	78.1
39	36.2	30.1	45.1





#57

1,3-Dichloropropane

Concen: 20.123 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS01

Tot Ion: 76 Resp: 134927

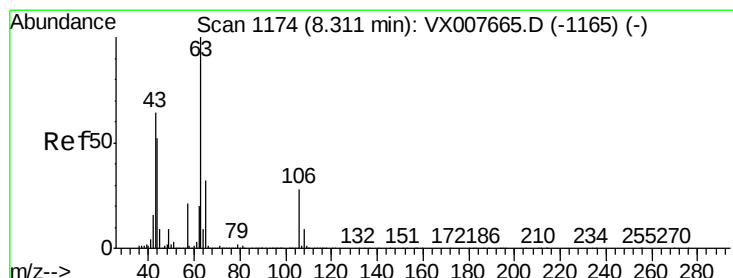
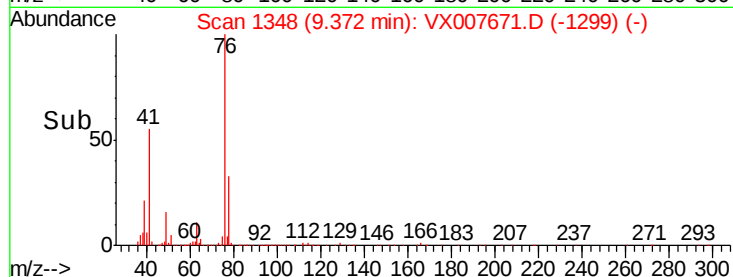
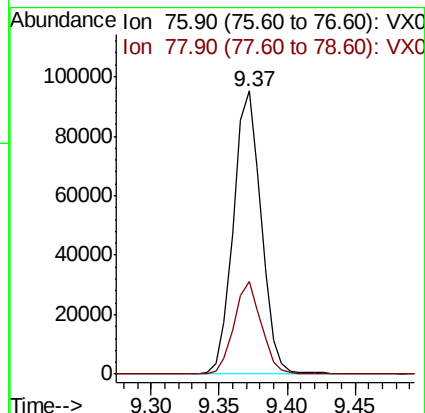
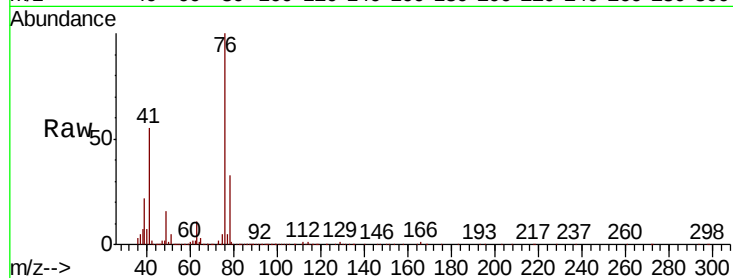
Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8

Manual Integrations
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2/26/2019 2:57:55 PM



#58

2-Chloroethyl Vinyl ether

Concen: 95.551 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007671.D

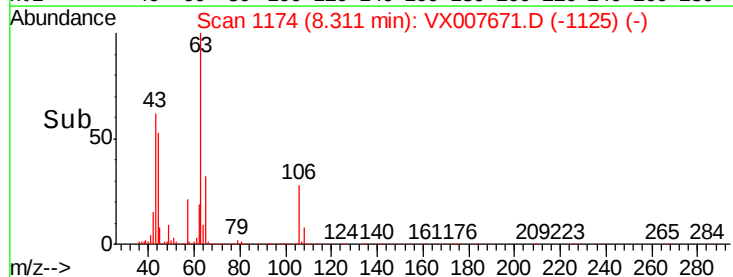
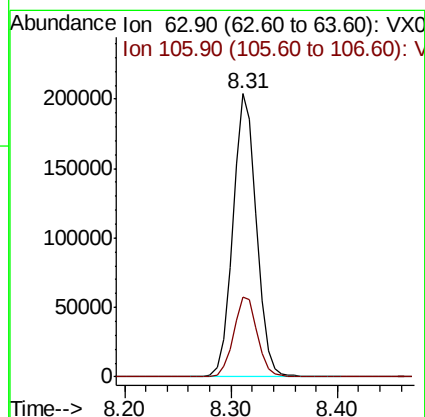
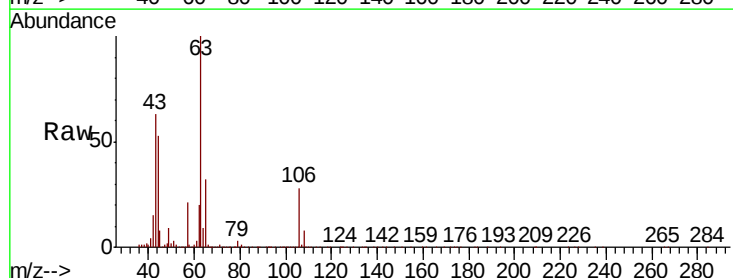
Acq: 25 Feb 2019 14:07

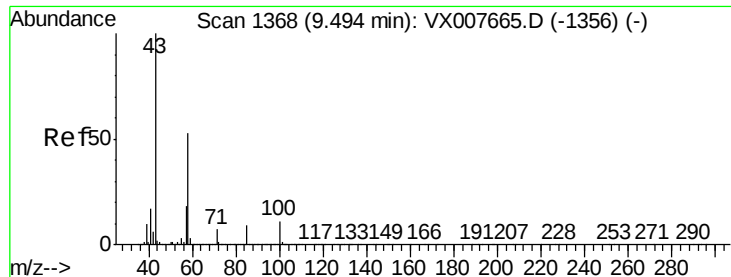
Tgt Ion: 63 Resp: 313860

Ion Ratio Lower Upper

63 100

106 28.8 23.6 35.4





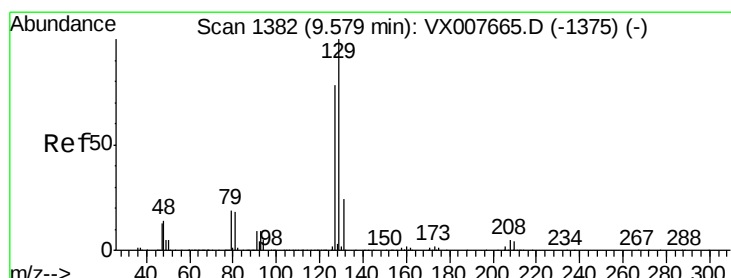
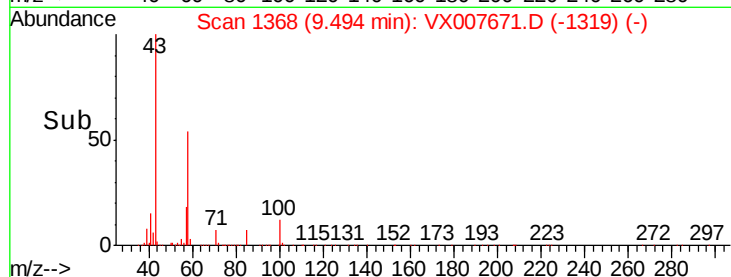
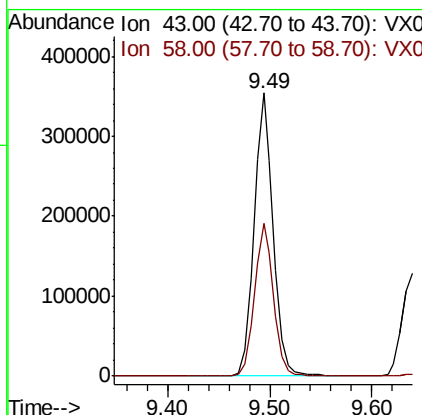
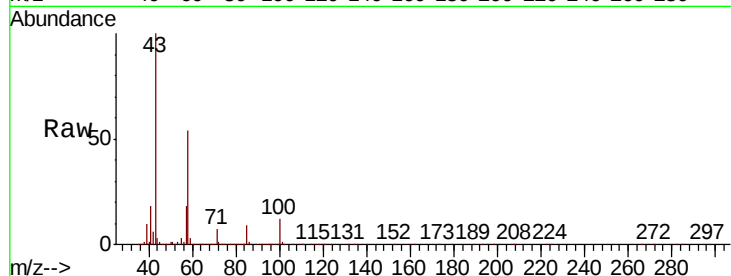
#59
2-Hexanone
Concen: 99.801 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS01

Tot Ion: 43 Resp: 462690
Ion Ratio Lower Upper
43 100
58 54.0 27.1 81.3

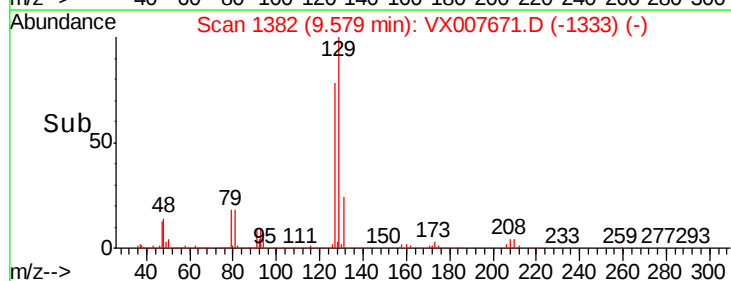
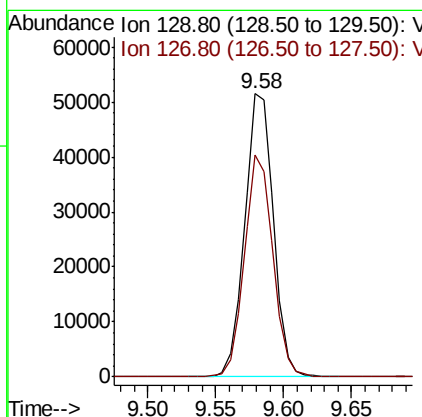
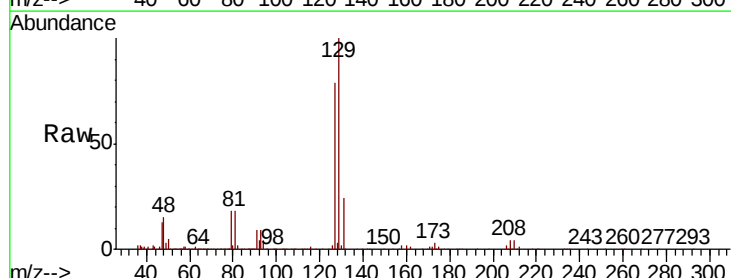
Manual Integrations
APPROVED

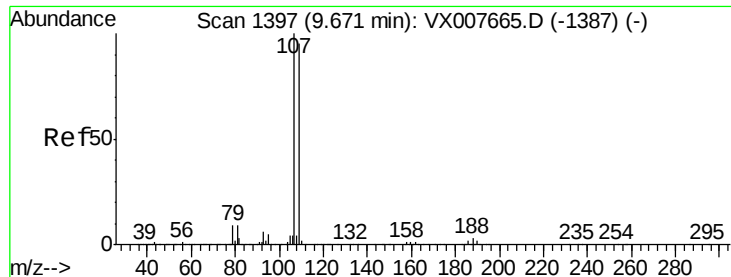
MMDadoda
2/26/2019 2:57:55 PM



#60
Dibromochloromethane
Concen: 18.887 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Tgt Ion: 129 Resp: 76122
Ion Ratio Lower Upper
129 100
127 77.6 37.8 113.4





#61

1,2-Dibromoethane

Concen: 20.058 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS01

Tot Ion:107 Resp: 87230

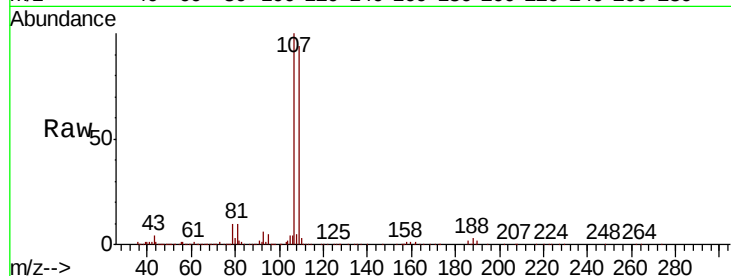
Ion Ratio Lower Upper

107 100

109 94.6 75.1 112.7

Manual Integrations
APPROVED

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

60000

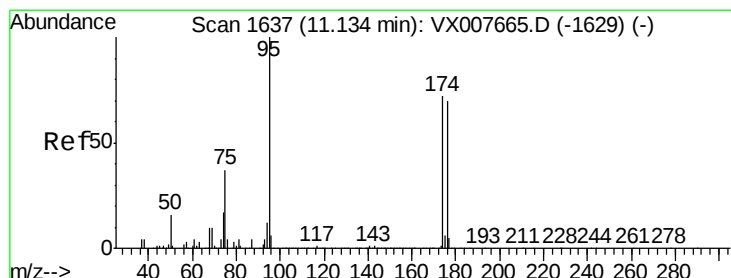
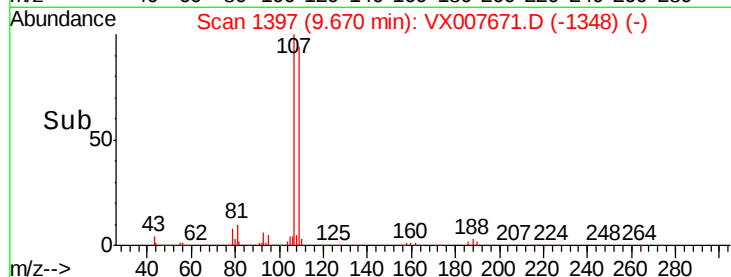
40000

20000

0

Time-->

9.60 9.65 9.70



#62

4-Bromofluorobenzene

Concen: 44.865 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

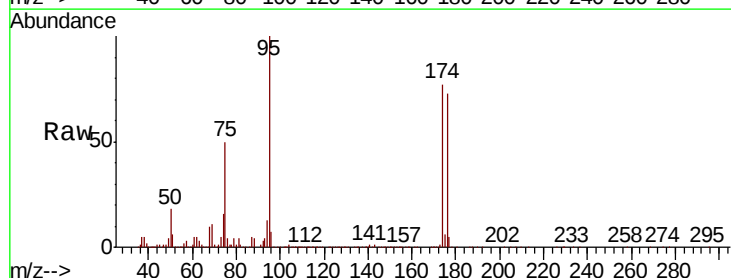
Tgt Ion: 95 Resp: 241878

Ion Ratio Lower Upper

95 100

174 83.2 0.0 189.2

176 79.7 0.0 186.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

150000

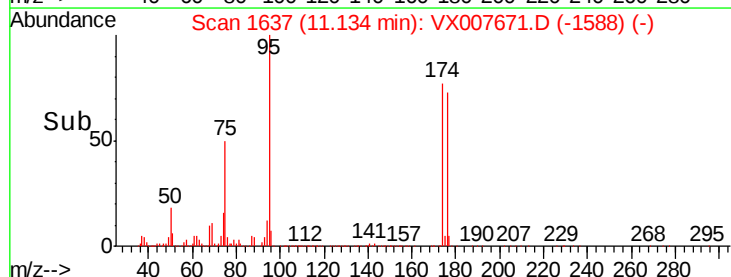
100000

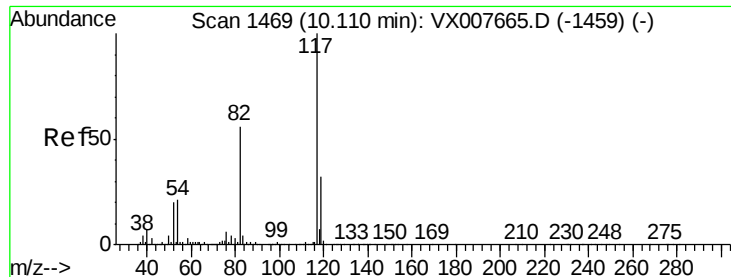
50000

0

Time-->

11.10 11.20





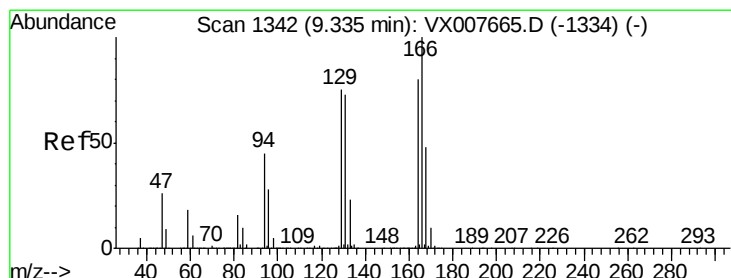
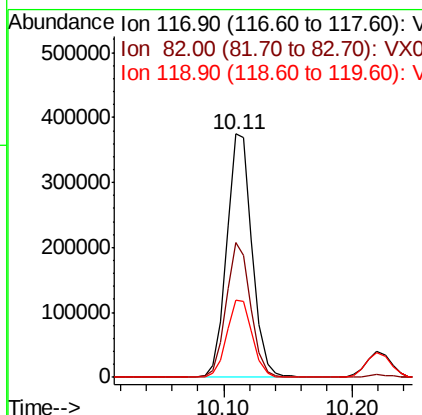
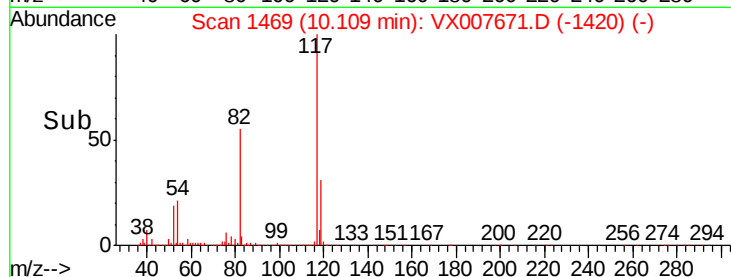
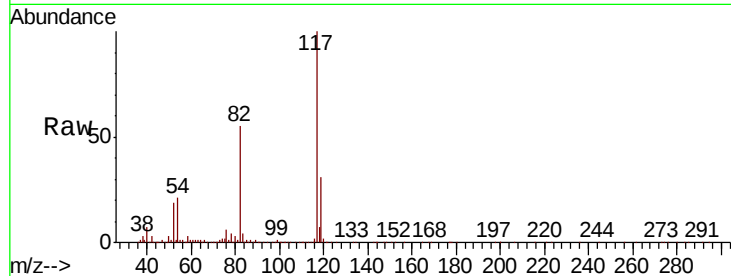
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	515804		
82	55.4	42.1	63.1	
119	31.5	26.5	39.7	

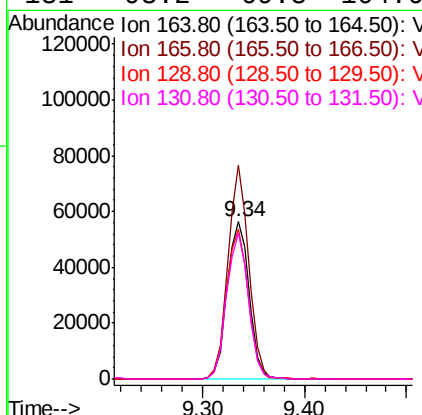
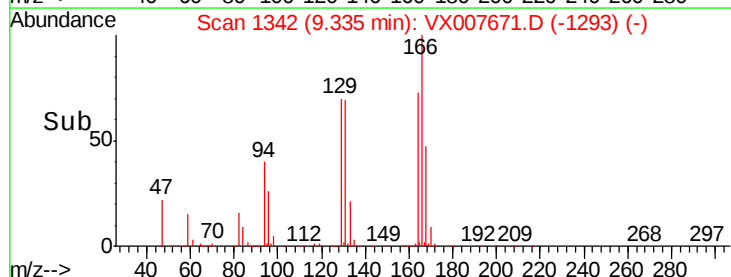
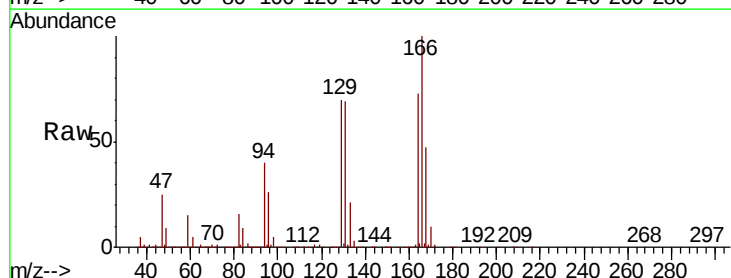
Manual Integrations
APPROVED

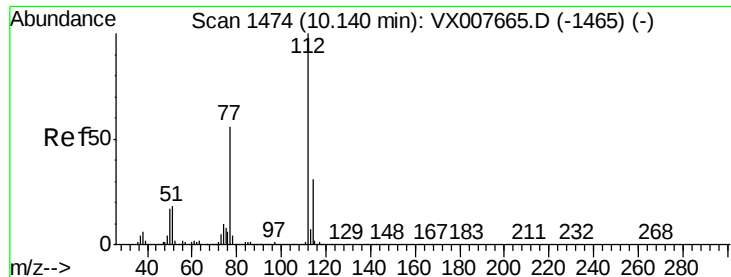
MMDadoda
2/26/2019 2:57:55 PM



#64
Tetrachloroethene
Concen: 19.992 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	83715		
166	136.2	101.0	151.4	
129	95.2	70.5	105.7	
131	93.2	69.8	104.6	





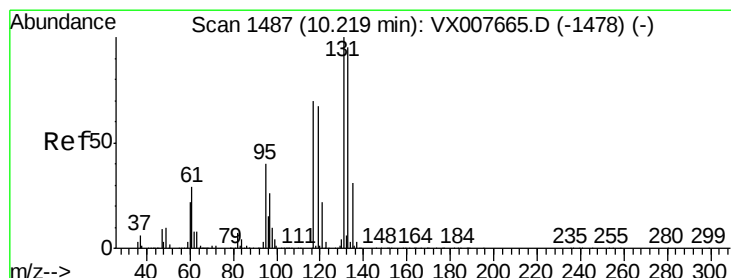
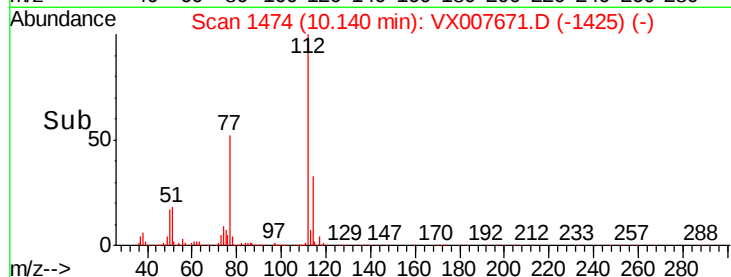
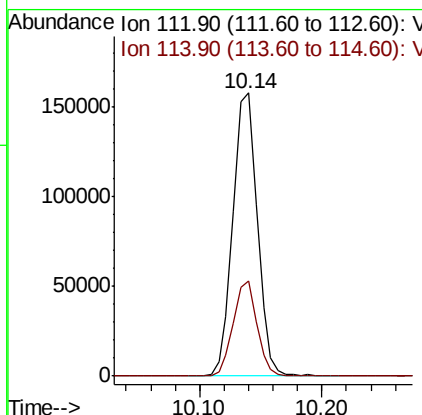
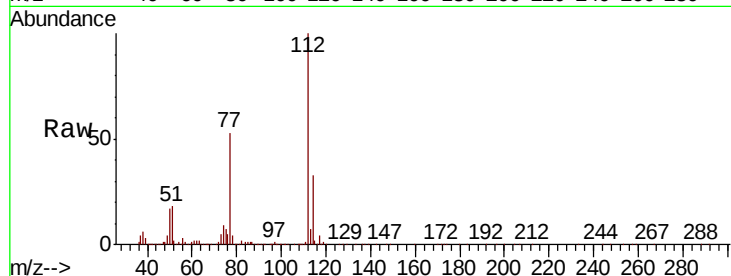
#65
Chlorobenzene
Concen: 19.549 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.4	25.8	38.6

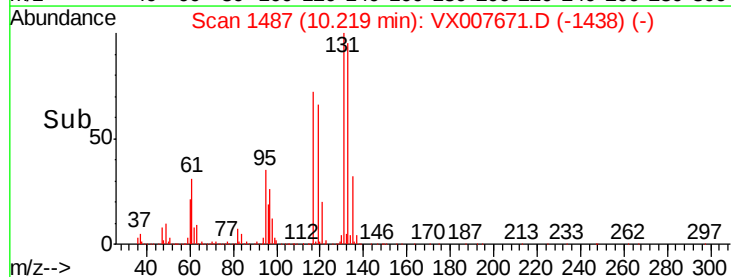
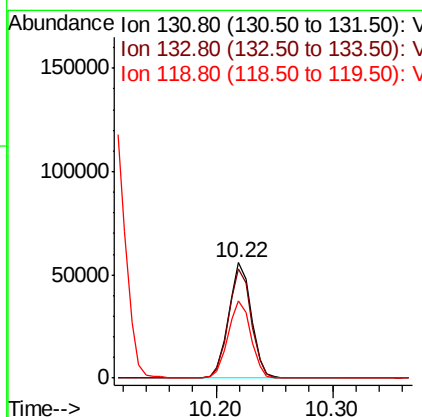
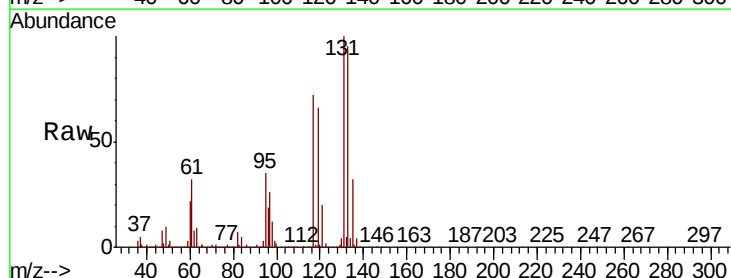
Manual Integrations
APPROVED

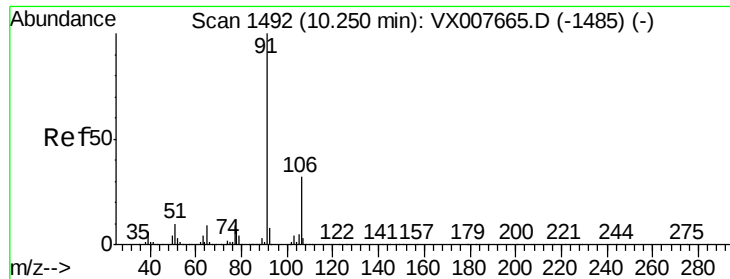
MMDadoda
2/26/2019 2:57:55 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.483 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.2	48.0	144.2
119	67.0	32.0	96.0





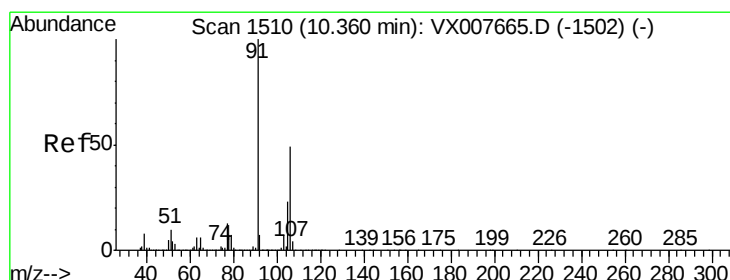
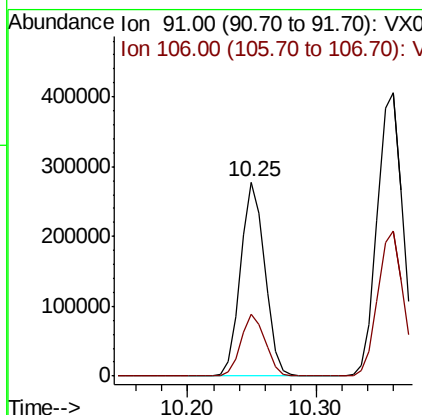
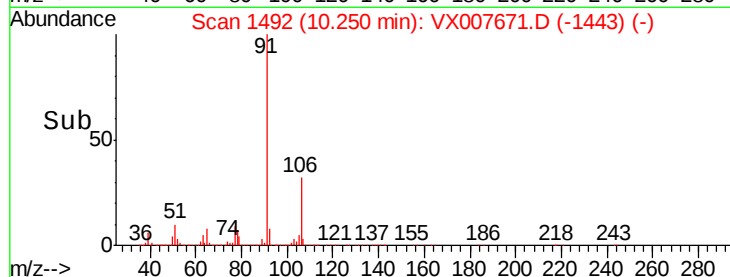
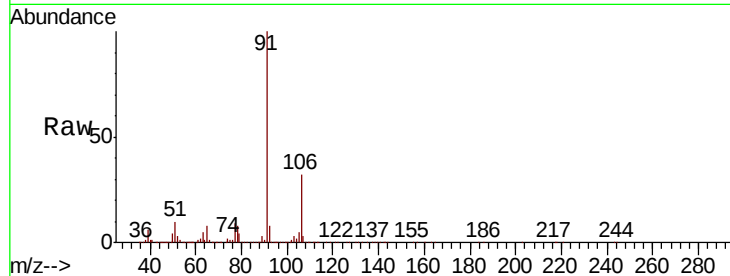
#67
Ethyl Benzene
Concen: 19.627 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS01

Tot Ion: 91 Resp: 362704
Ion Ratio Lower Upper
91 100
106 31.6 25.4 38.0

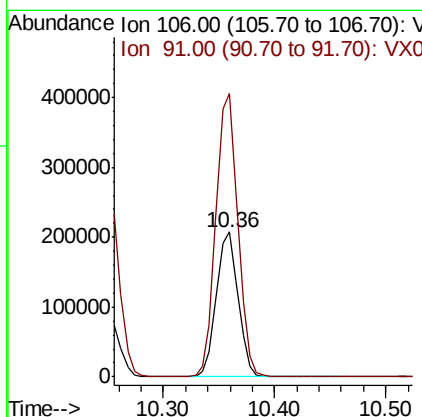
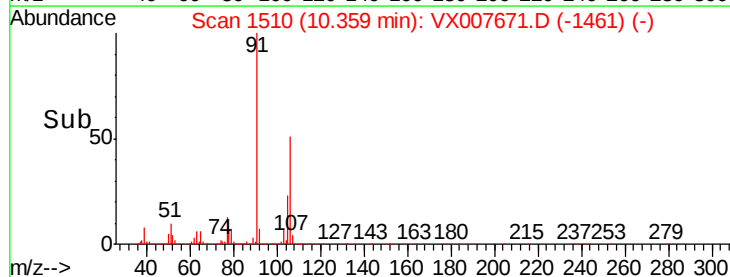
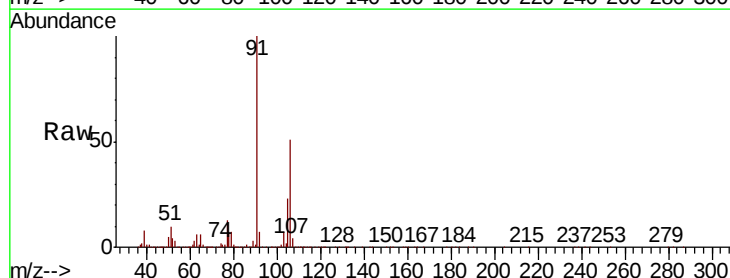
Manual Integrations
APPROVED

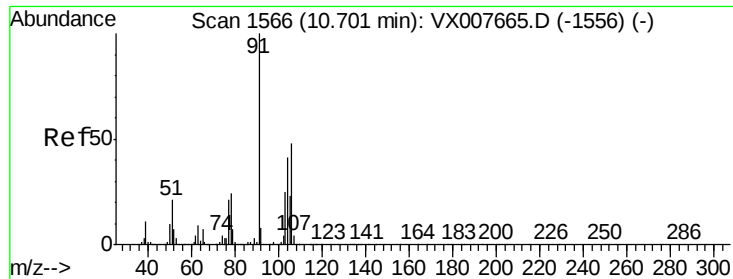
MMDadoda
2/26/2019 2:57:55 PM



#68
m/p-Xylenes
Concen: 39.156 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Tgt Ion: 106 Resp: 281506
Ion Ratio Lower Upper
106 100
91 197.2 156.6 234.8





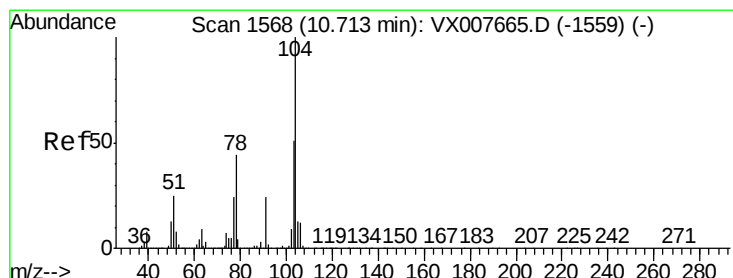
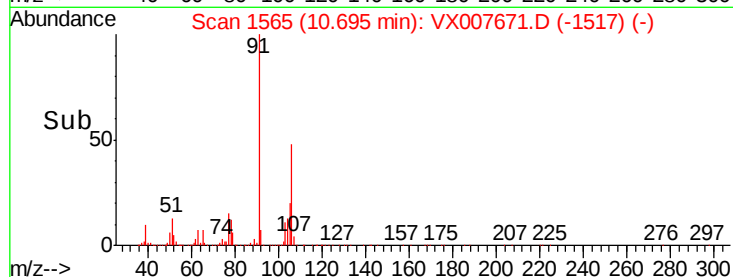
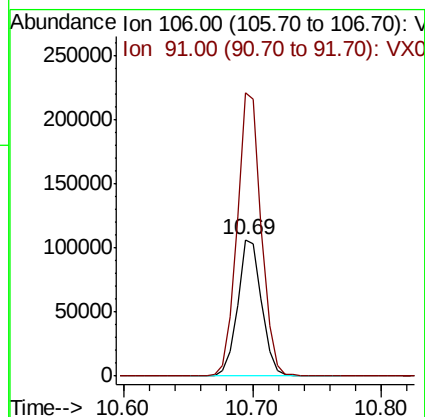
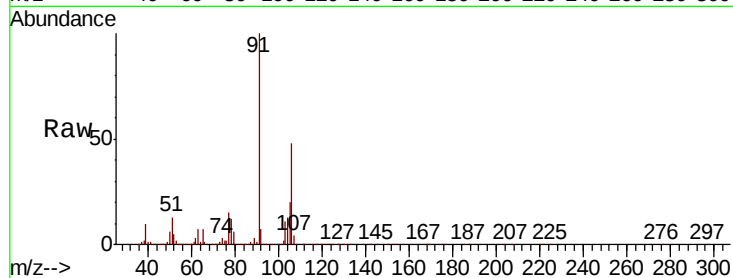
#69
o-Xylene
Concen: 19.911 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Instrument :
MSVOA_X
ClientSampled :
VX0225WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.0	102.9	308.7

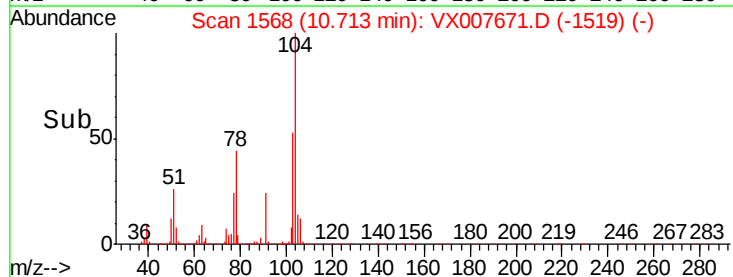
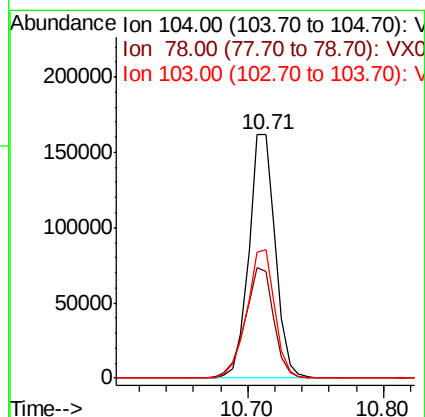
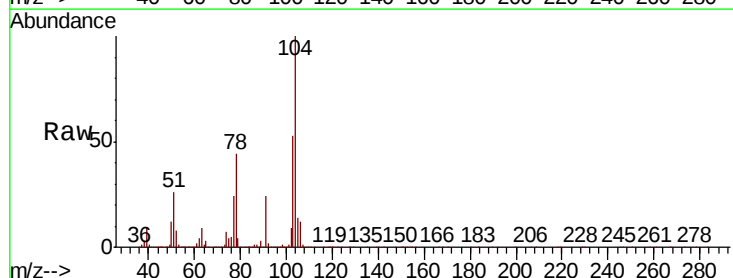
Manual Integrations
APPROVED

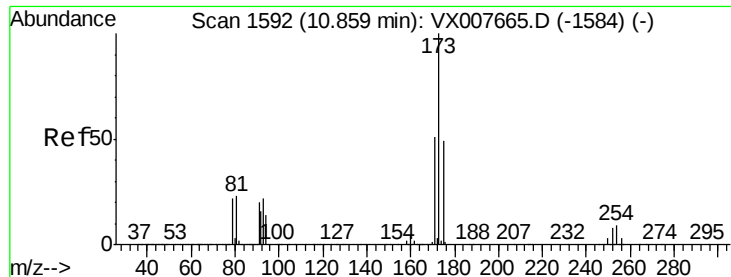
MMDadoda
2/26/2019 2:57:55 PM



#70
Styrene
Concen: 19.378 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.4	38.3	57.5
103	56.1	44.6	67.0





#71

Bromoform

Concen: 17.833 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

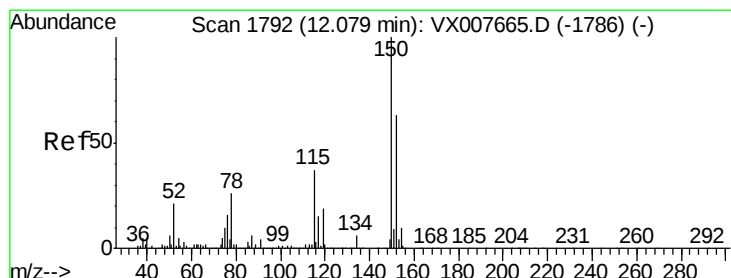
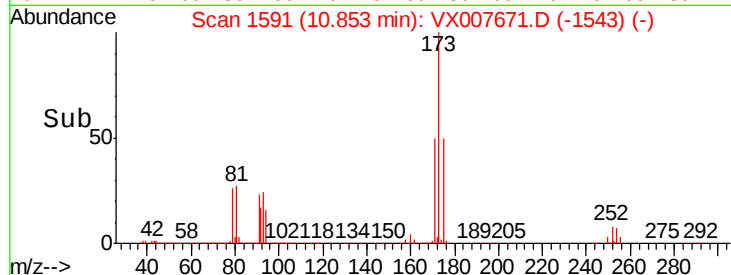
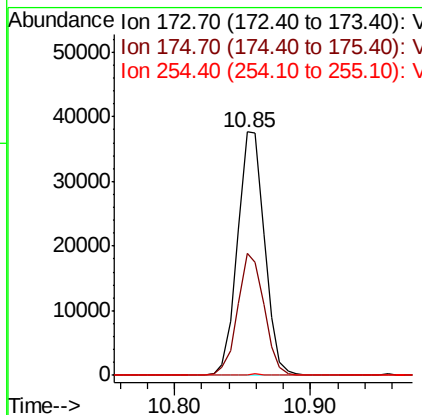
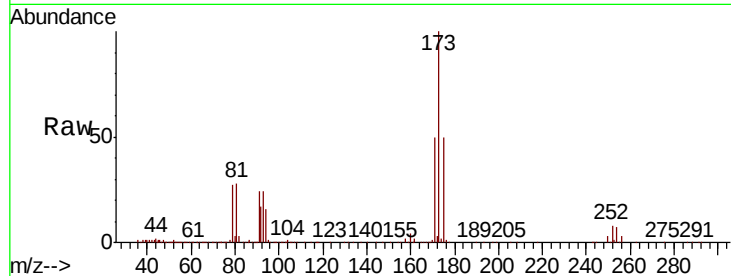
ClientSampled :

VX0225WBS01

Tot Ion:	173	Resp:	52038
Ion Ratio	Lower	Upper	
173	100		
175	49.1	24.2	72.6
254	0.2	0.2	0.2

Manual Integrations
APPROVED

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2/26/2019 2:57:55 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

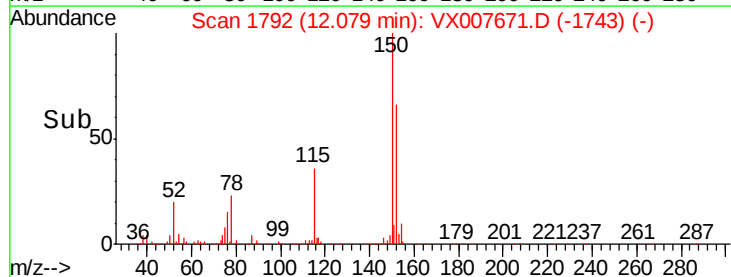
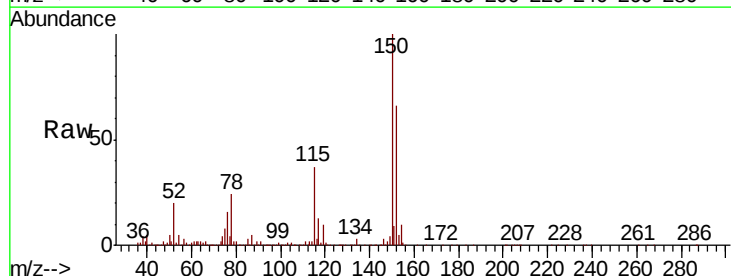
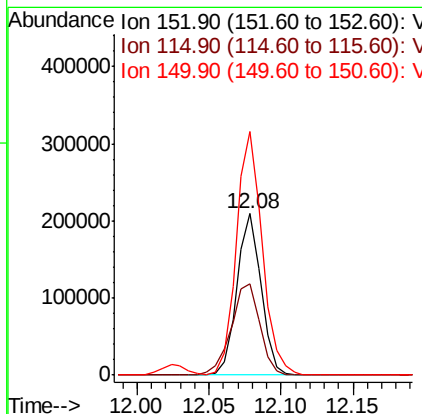
RT: 12.08 min Scan# 1792

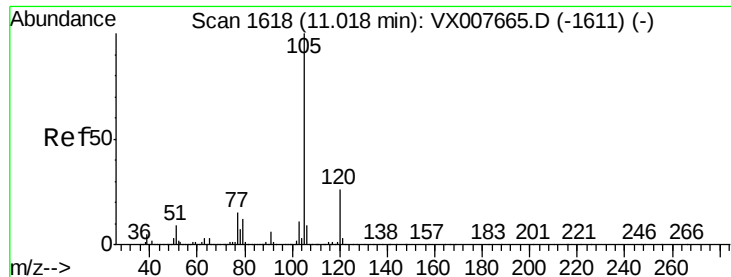
Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Tgt Ion:	152	Resp:	245344
Ion Ratio	Lower	Upper	
152	100		
115	67.4	38.0	114.0
150	160.9	0.0	346.4





#73

Isopropylbenzene

Concen: 20.783 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS01

Tot Ion: 105 Resp: 364429

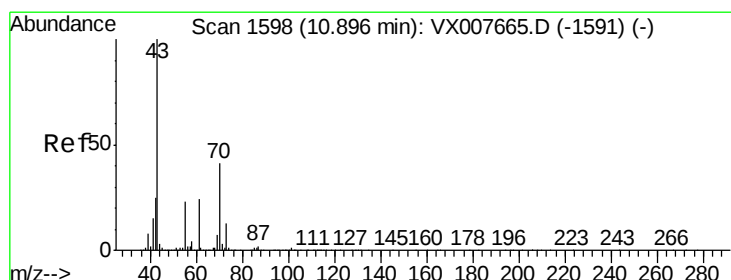
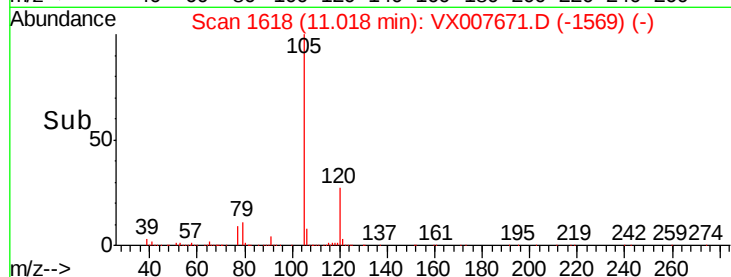
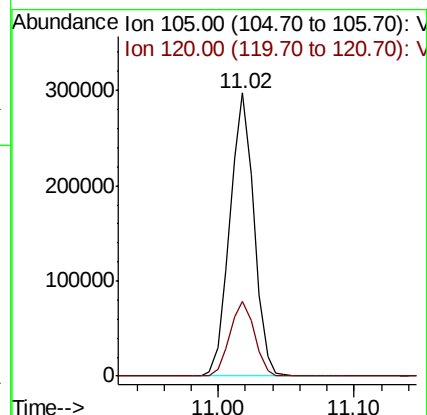
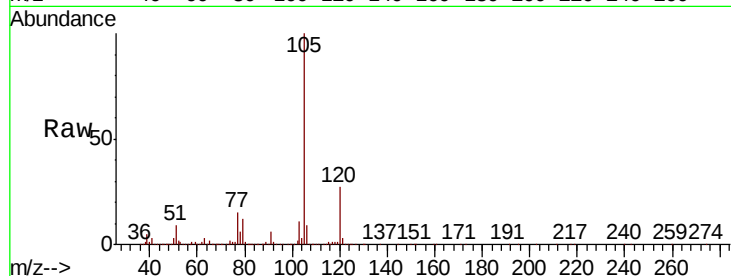
Ion Ratio Lower Upper

105 100

120 27.0 13.6 40.7

Manual Integrations
APPROVED

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#74

N-ethyl acetate

Concen: 20.395 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Tgt Ion: 43 Resp: 155306

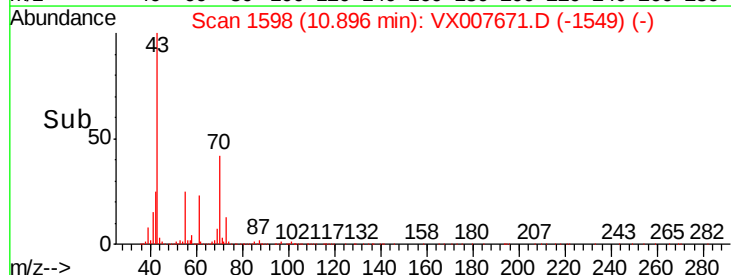
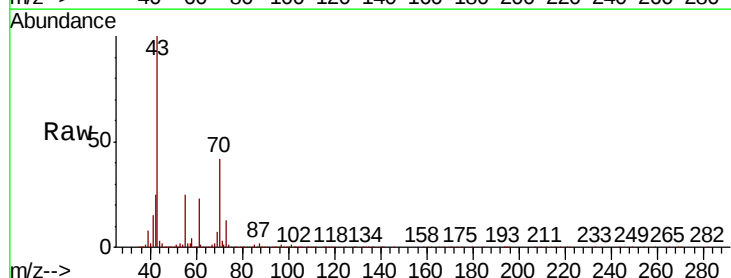
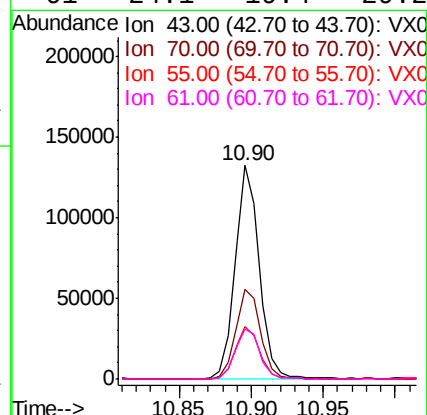
Ion Ratio Lower Upper

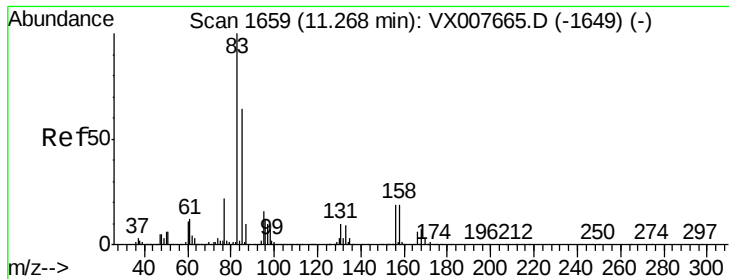
43 100

70 43.5 33.8 50.6

55 25.1 19.5 29.3

61 24.1 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.340 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

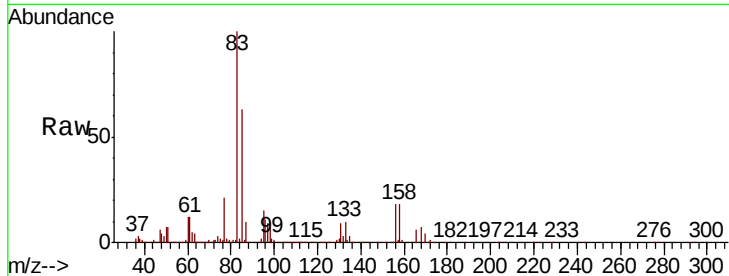
ClientSampled :

VX0225WBS01

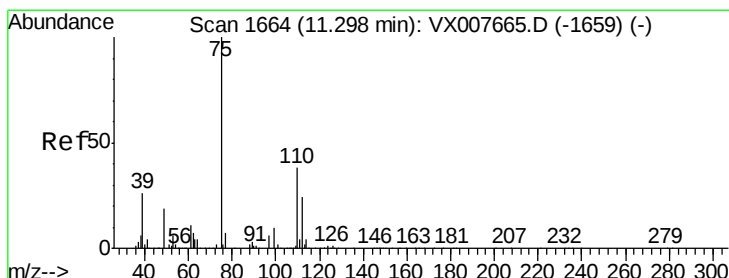
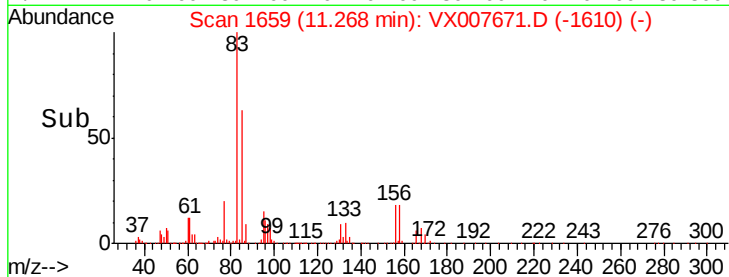
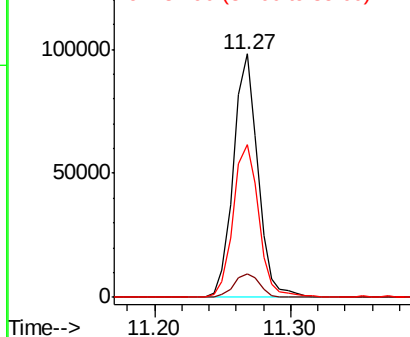
Tot Ion:	83	Resp:	123360
Ion Ratio		Lower	Upper
83	100		
131	10.2	5.7	17.0
85	65.7	32.8	98.3

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 19.999 ug/l m

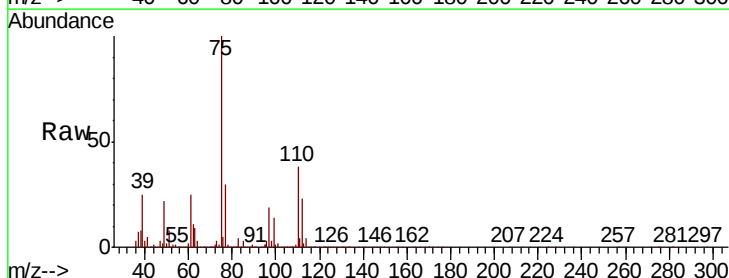
RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

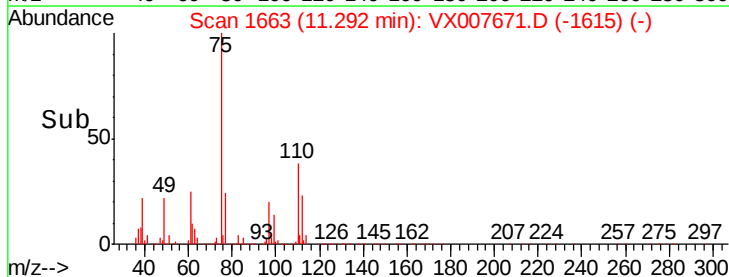
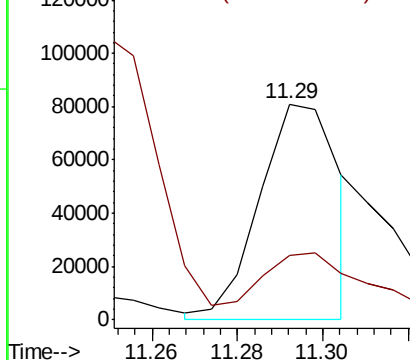
Lab File: VX007671.D

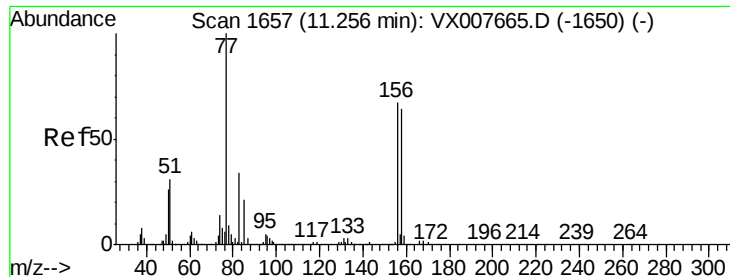
Acq: 25 Feb 2019 14:07

Tgt Ion:	75	Resp:	104585
Ion Ratio		Lower	Upper
75	100		
77	43.0	23.0	69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.239 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

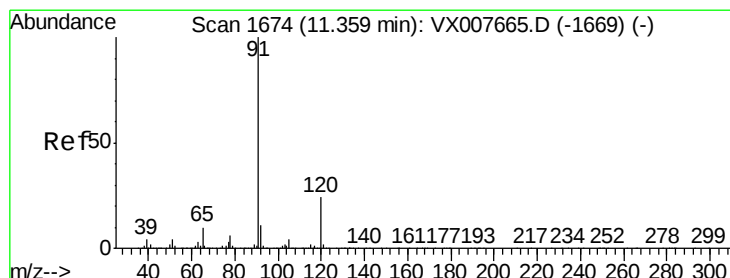
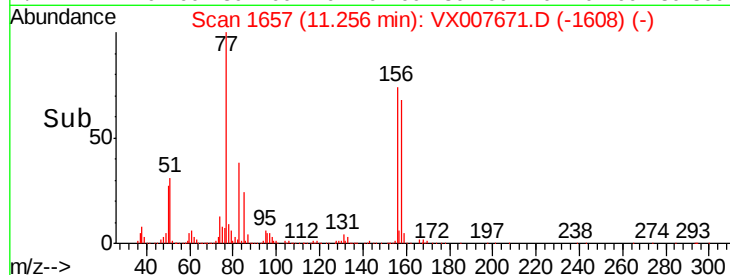
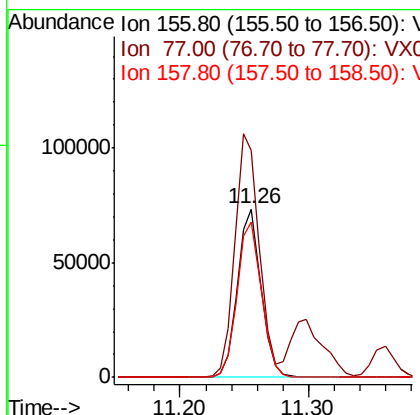
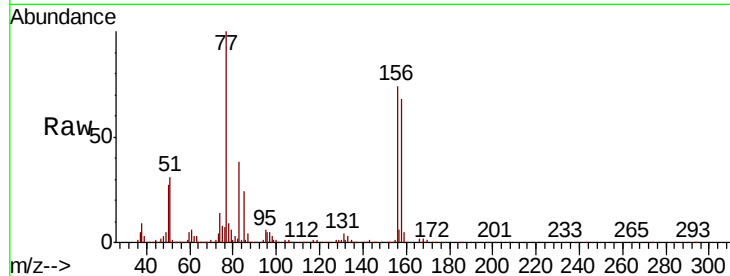
ClientSampleId :

VX0225WBS01

Tot Ion:	156	Resp:	93413
Ion Ratio	Lower	Upper	
156	100		
77	148.5	66.8	200.6
158	95.7	47.9	143.8

Manual Integrations
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#78

n-propylbenzene

Concen: 20.468 ug/l

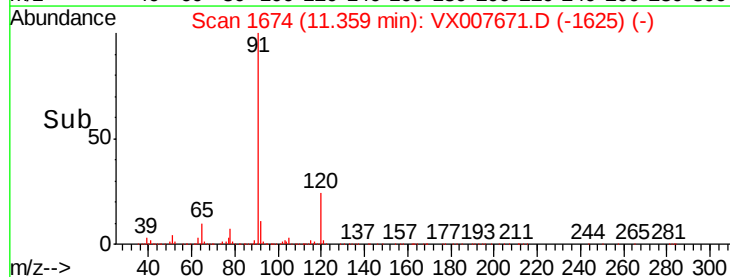
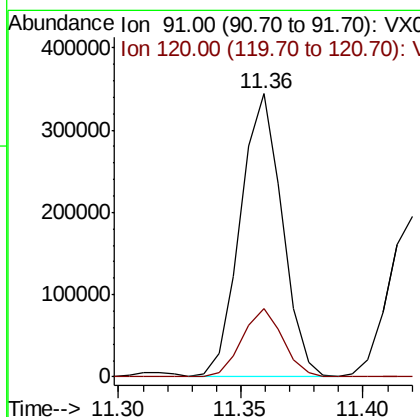
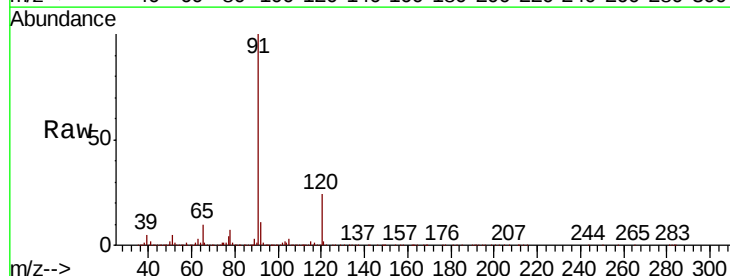
RT: 11.36 min Scan# 1674

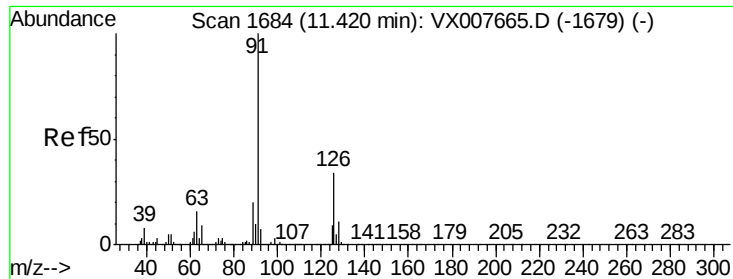
Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Tgt Ion:	91	Resp:	405565
Ion Ratio	Lower	Upper	
91	100		
120	23.9	12.4	37.2





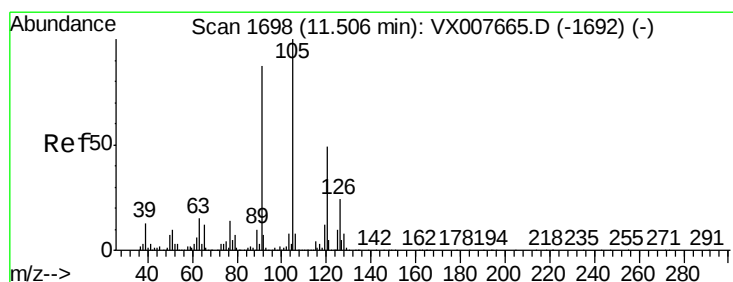
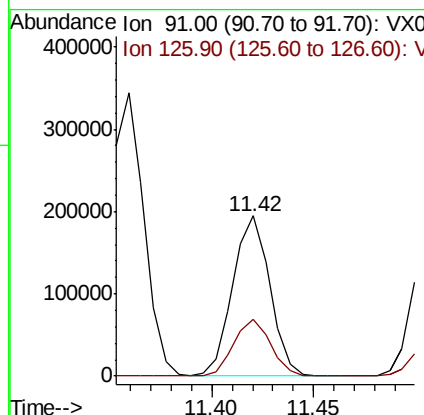
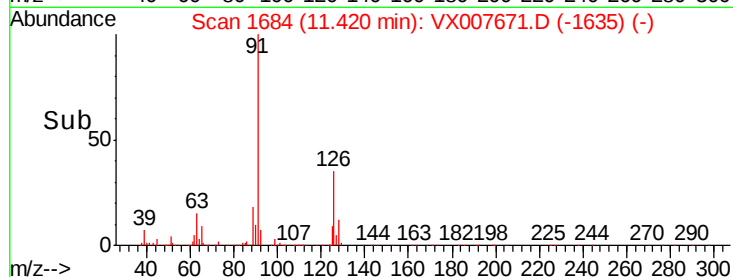
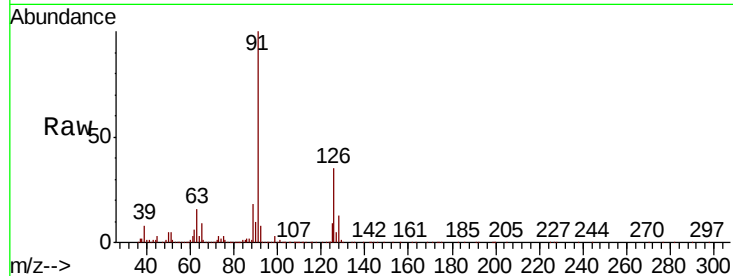
#79
2-Chlorotoluene
Concen: 20.499 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS01

Tot Ion: 91 Resp: 244573
Ion Ratio Lower Upper
91 100
126 35.4 18.7 56.1

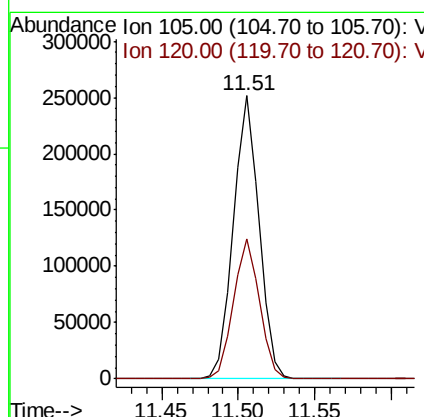
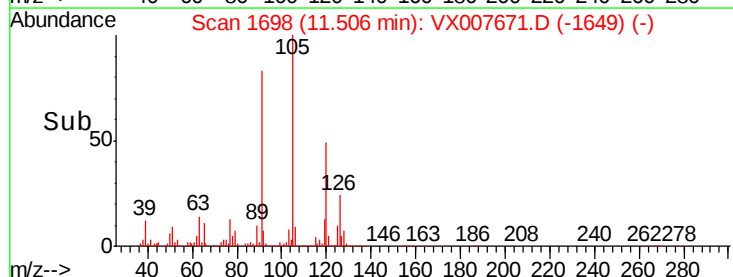
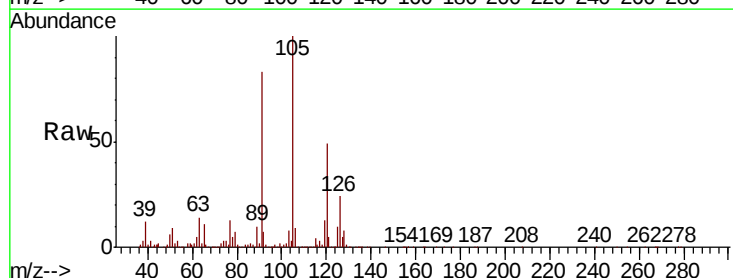
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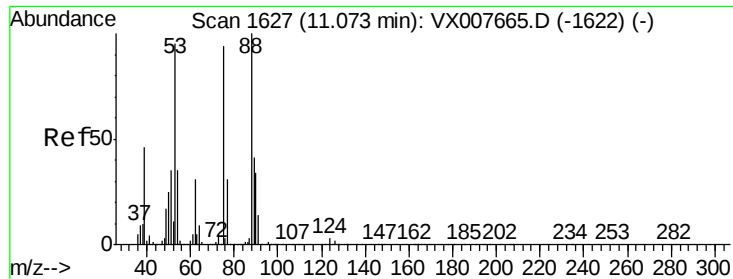
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 20.254 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Tgt Ion: 105 Resp: 292130
Ion Ratio Lower Upper
105 100
120 49.9 25.3 75.8





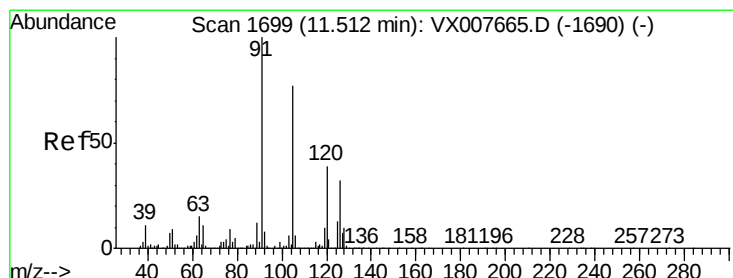
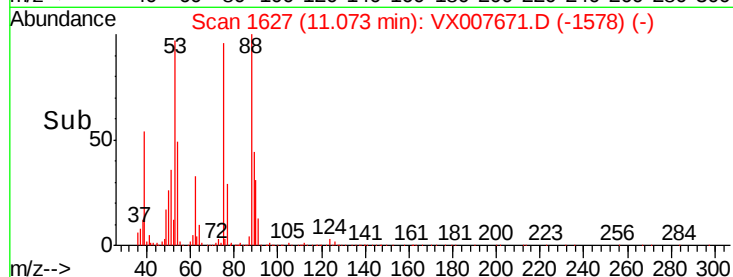
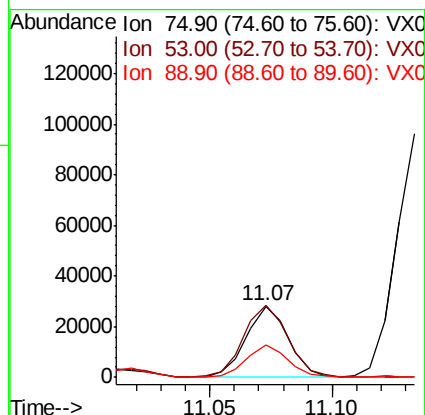
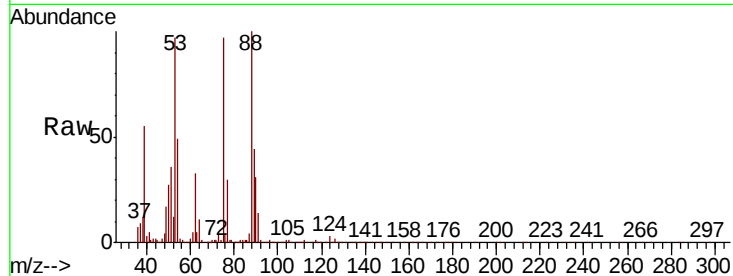
#81
trans-1,4-Dichloro-2-butene
Concen: 19.161 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.4	81.0	121.6
89	44.7	41.4	62.0

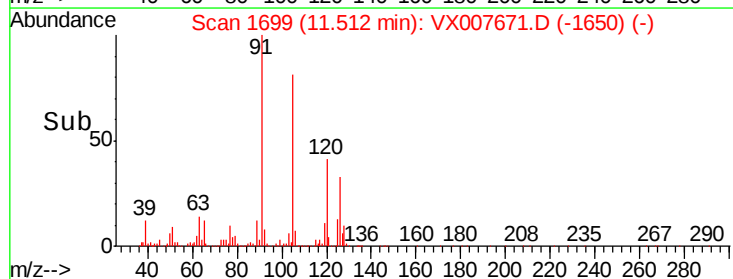
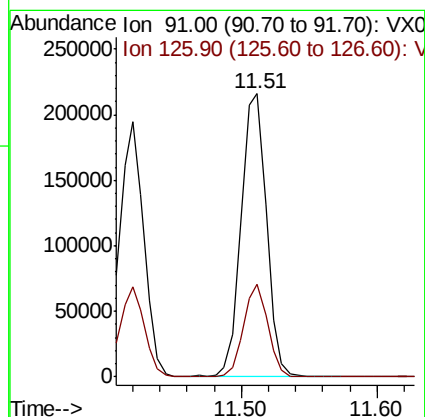
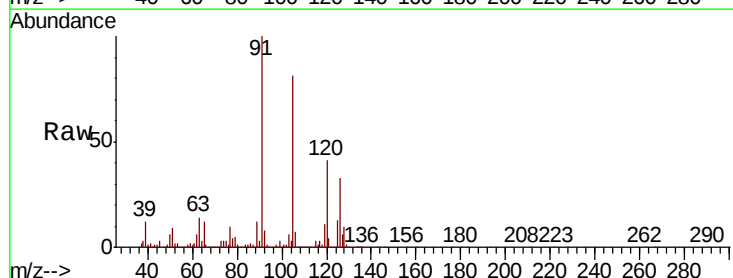
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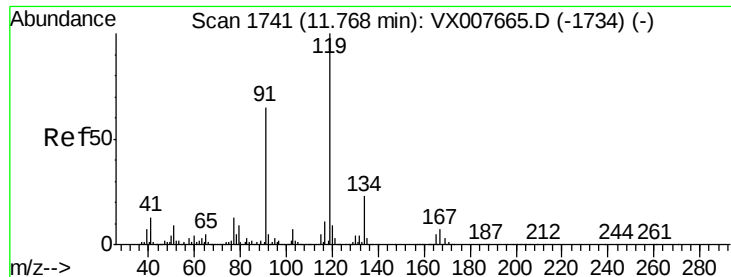
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#82
4-Chlorotoluene
Concen: 20.103 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.7	16.2	48.5





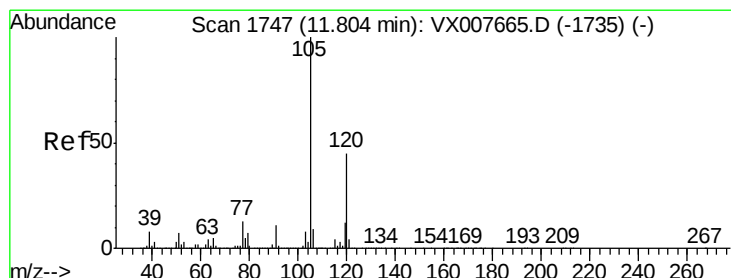
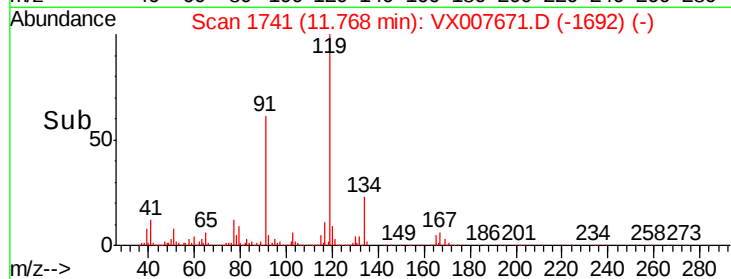
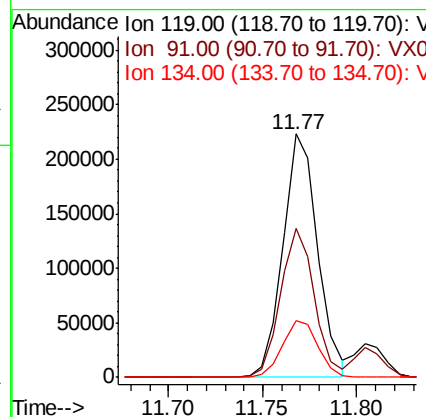
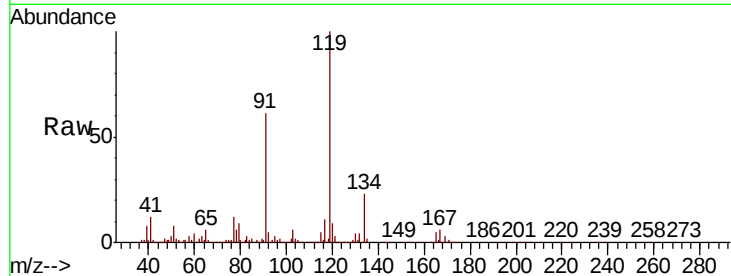
#83
tert-Butylbenzene
Concen: 20.537 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	284416		
91	59.6	28.5	85.6	
134	24.2	12.0	36.0	

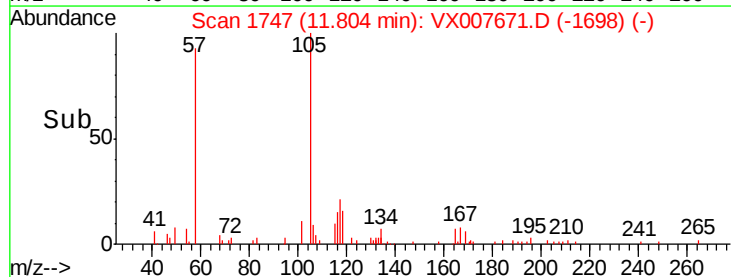
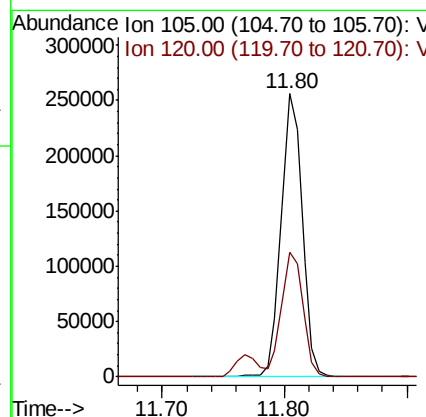
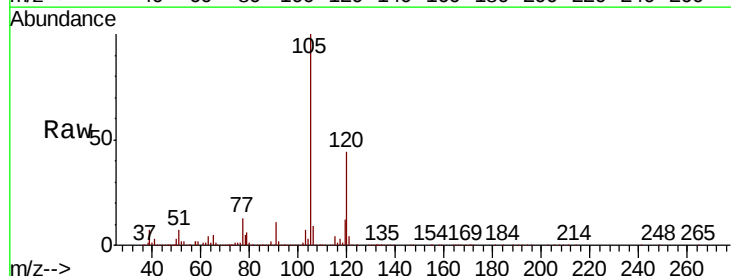
Manual Integrations
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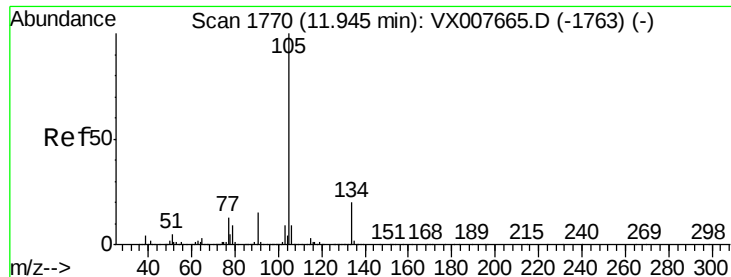
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#84
1,2,4-Trimethylbenzene
Concen: 20.800 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	306881		
120	44.5	23.1	69.3	





#85

sec-Butylbenzene

Concen: 20.462 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

ClientSampleId :

VX0225WS01

Tot Ion:105 Resp: 355095

Ion Ratio Lower Upper

105 100

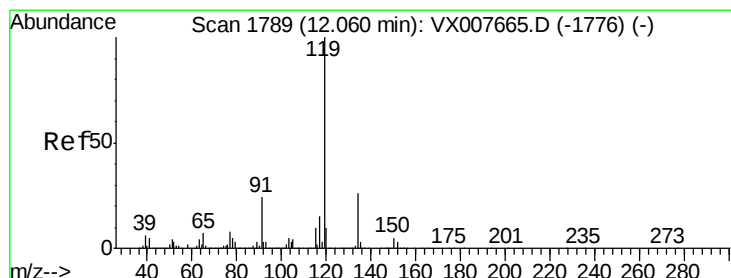
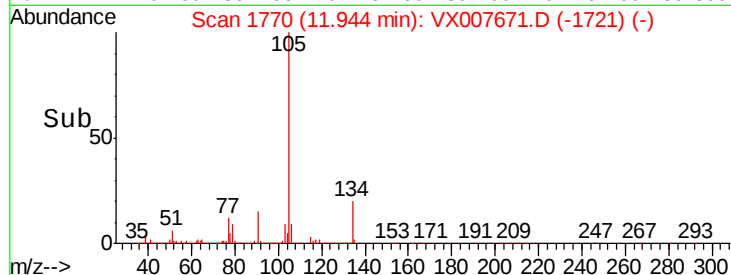
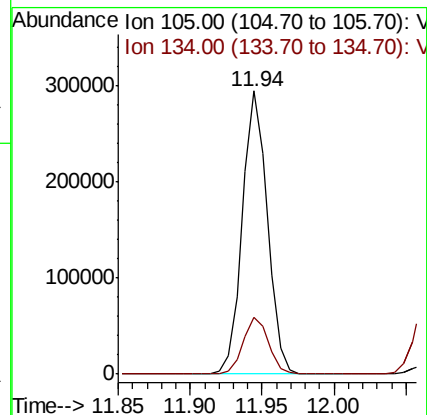
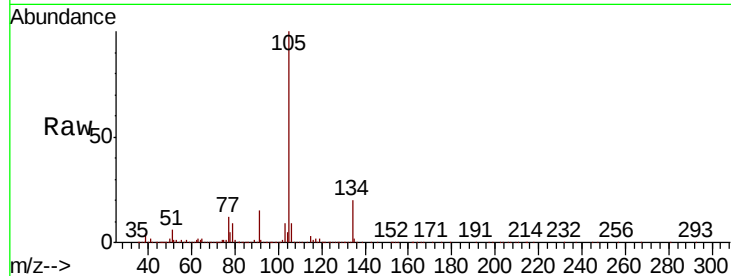
134 20.4 10.6 31.8

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 20.418 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

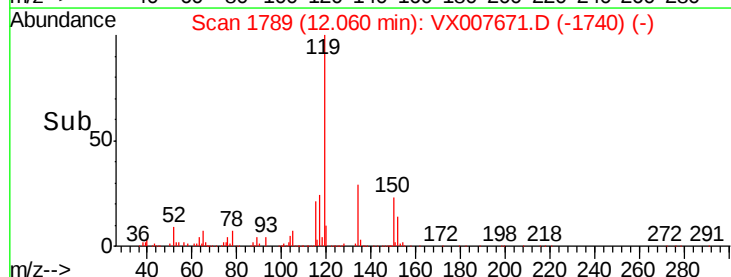
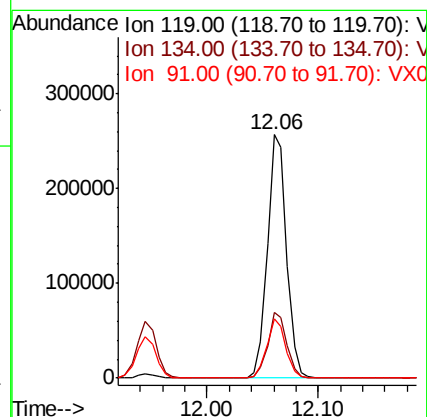
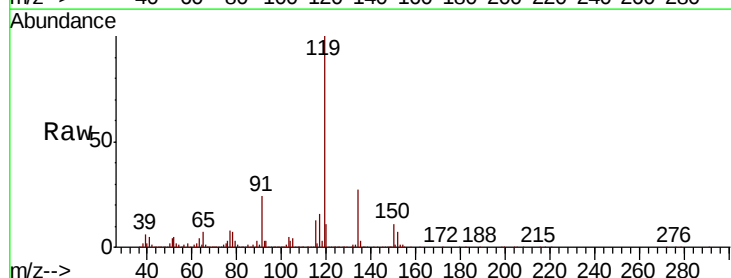
Tgt Ion:119 Resp: 310316

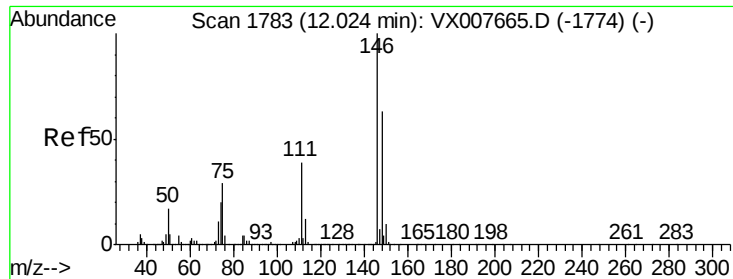
Ion Ratio Lower Upper

119 100

134 26.8 13.7 41.1

91 24.2 11.2 33.5





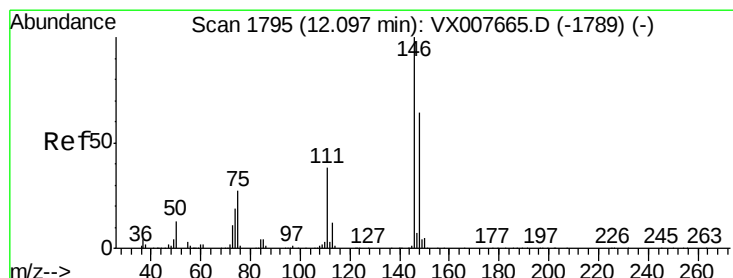
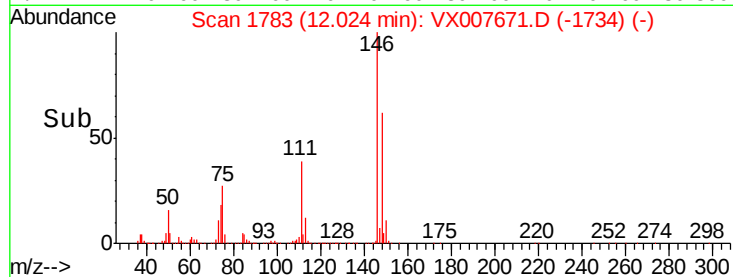
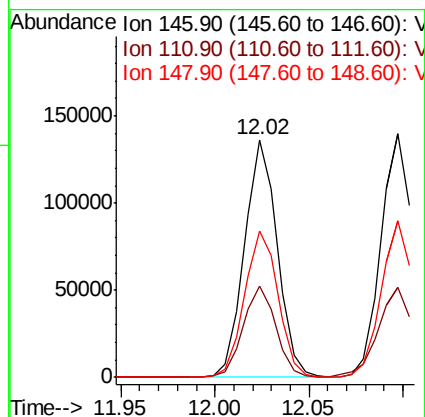
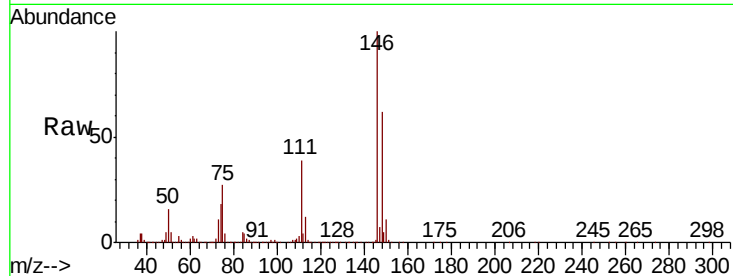
#87
 1,3-Dichlorobenzene
 Concen: 20.147 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007671.D
 Acq: 25 Feb 2019 14:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.1	54.1
148	63.2	32.0	96.2

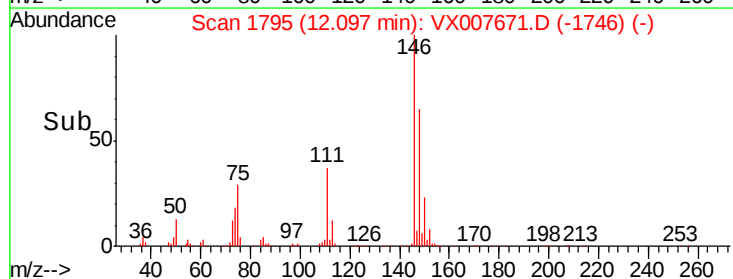
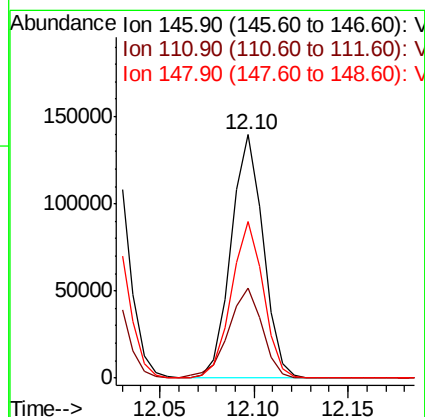
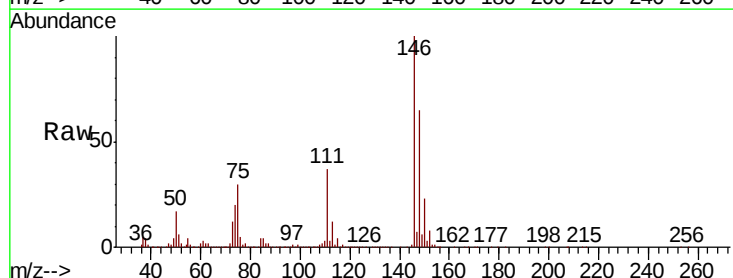
Manual Integrations
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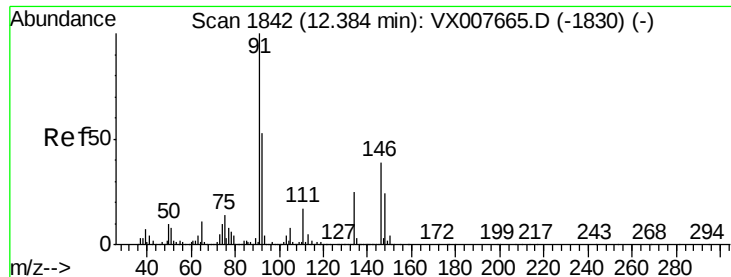
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#88
 1,4-Dichlorobenzene
 Concen: 19.765 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007671.D
 Acq: 25 Feb 2019 14:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	18.1	54.1
148	64.4	32.3	96.9





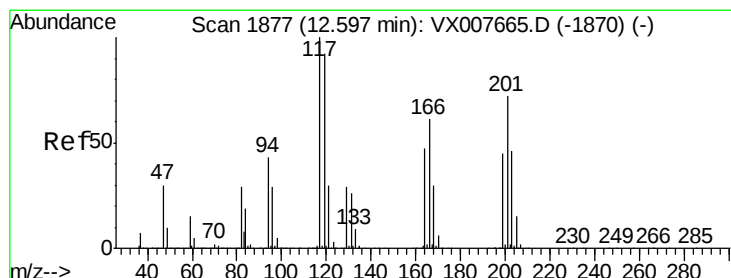
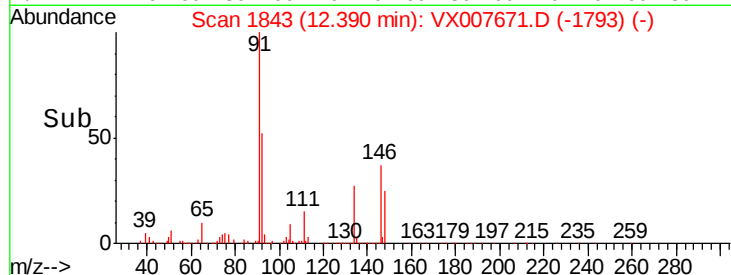
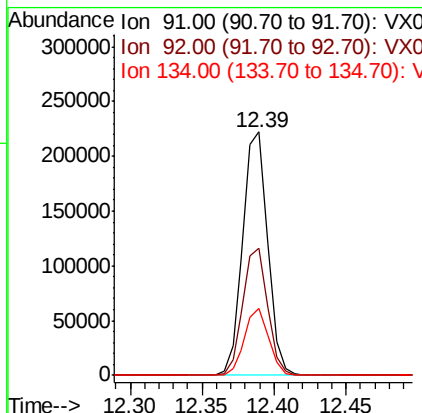
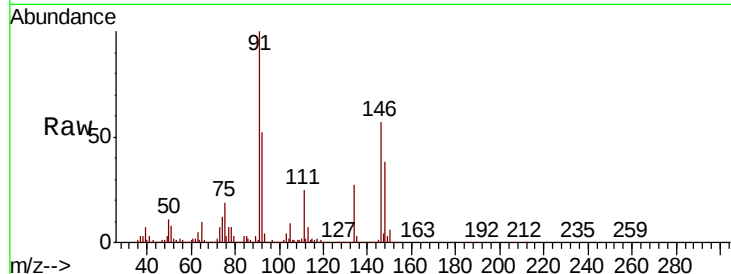
#89
n-Butylbenzene
Concen: 19.731 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.3	78.9
134	26.7	13.9	41.6

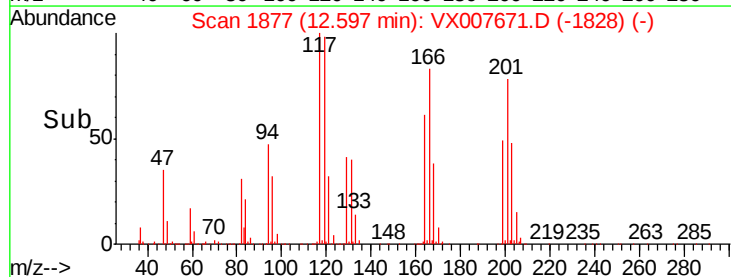
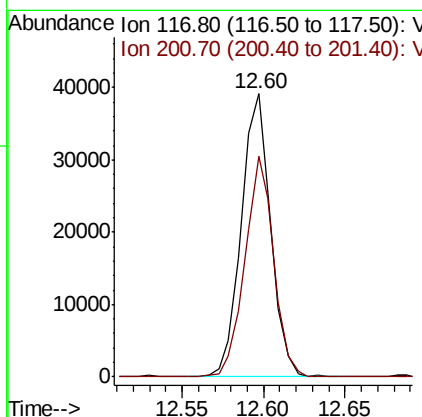
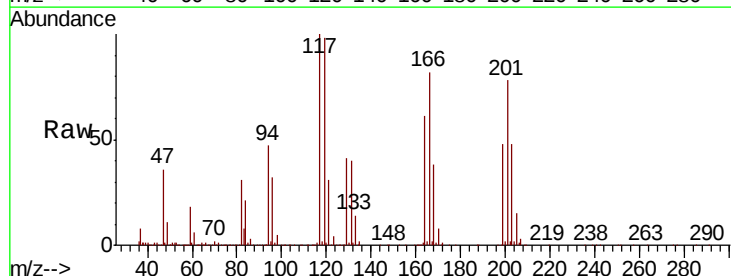
Manual Integrations
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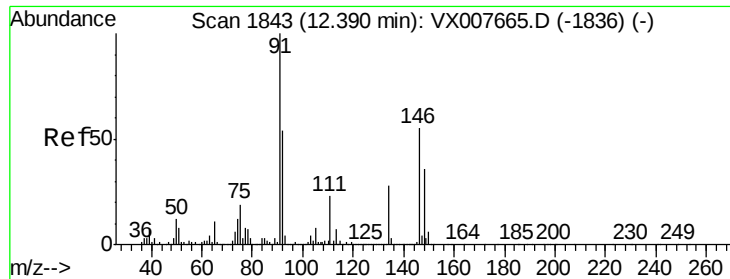
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#90
Hexachloroethane
Concen: 19.174 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007671.D
Acq: 25 Feb 2019 14:07

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.2	44.9	134.7





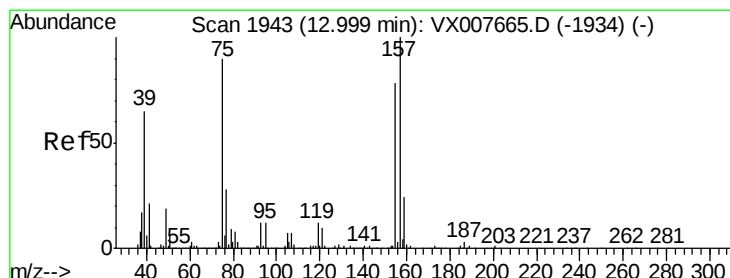
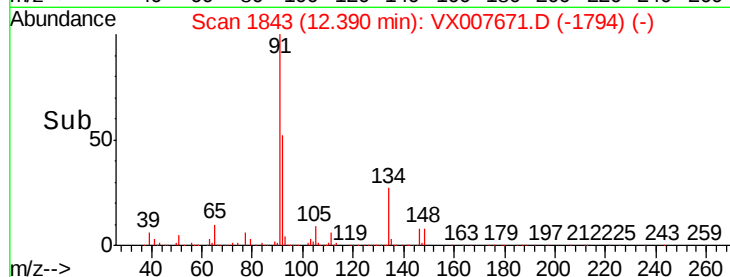
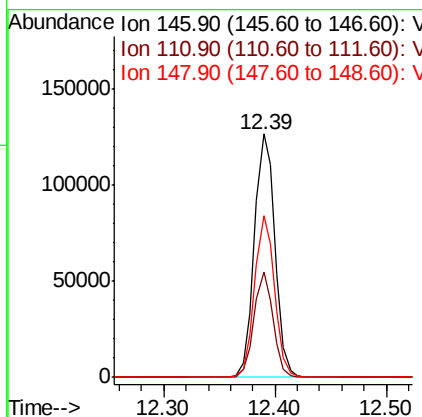
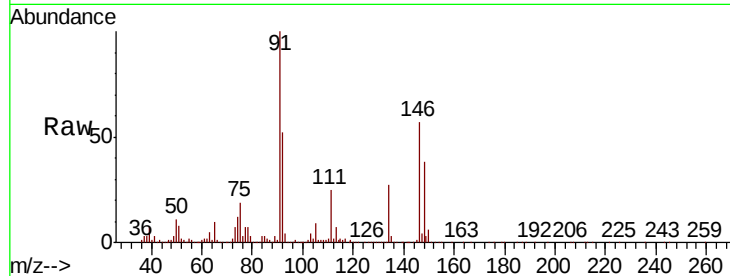
#91
 1,2-Dichlorobenzene
 Concen: 20.050 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007671.D
 Acq: 25 Feb 2019 14:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	163666		
111	40.5	19.1	57.3	
148	64.3	32.1	96.3	

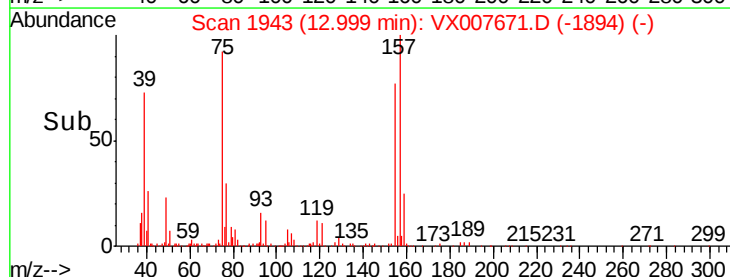
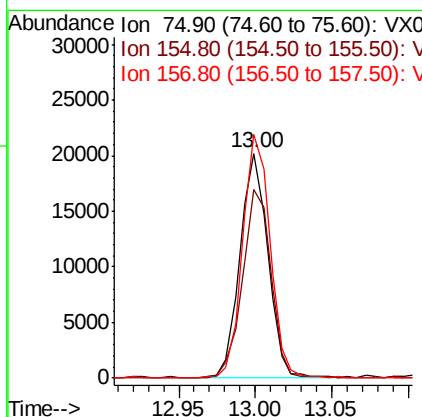
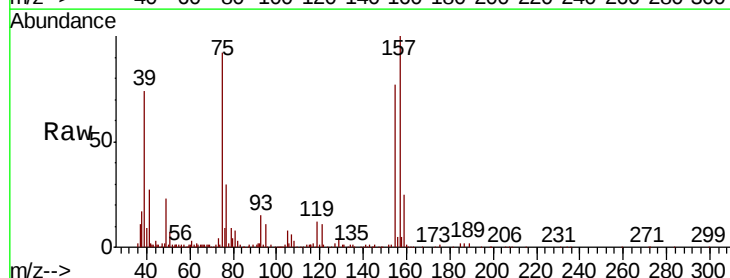
Manual Integrations
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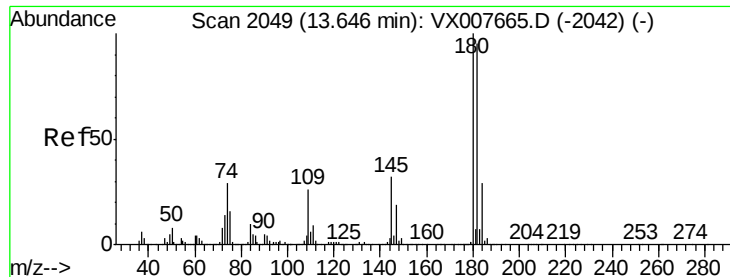
MMDadoda
 2/26/2019 2:57:55 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.518 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007671.D
 Acq: 25 Feb 2019 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	25792		
155	85.0	49.6	149.0	
157	106.3	65.1	195.3	





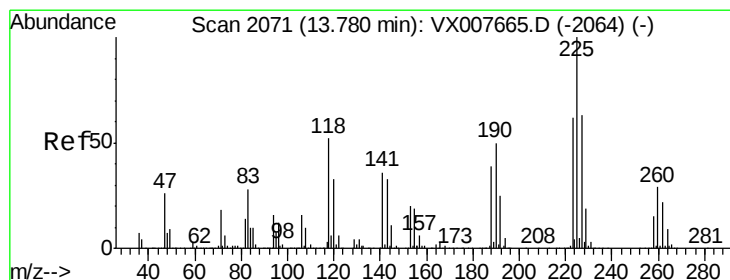
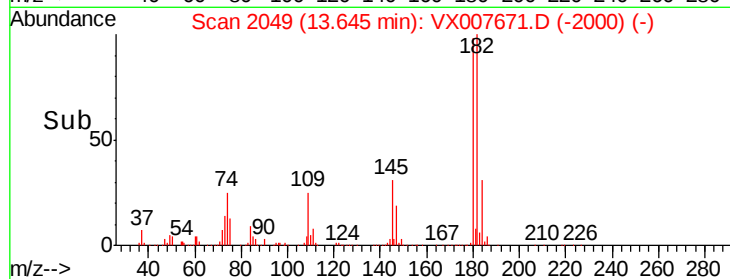
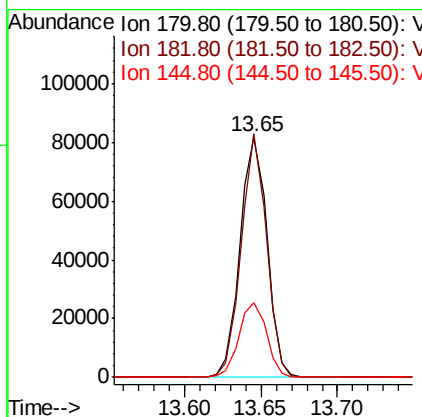
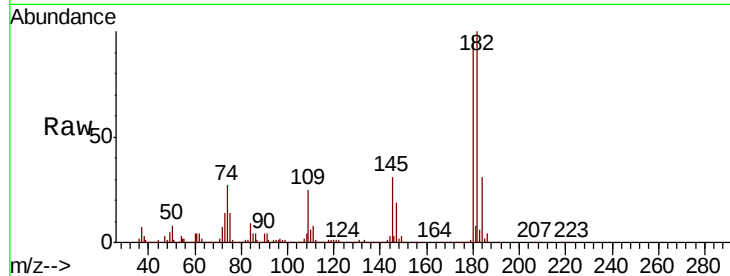
#93
 1,2,4-Trichlorobenzene
 Concen: 20.145 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007671.D
 Acq: 25 Feb 2019 14:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.2	47.8	143.3	
145	32.0	14.1	42.2	

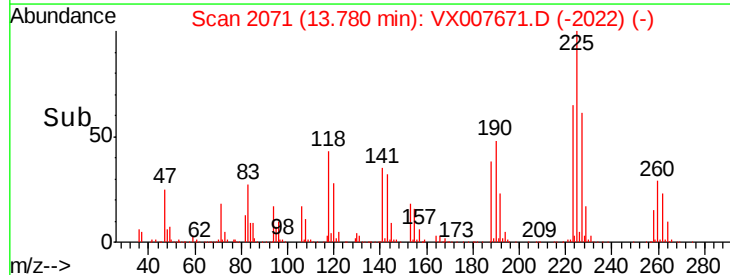
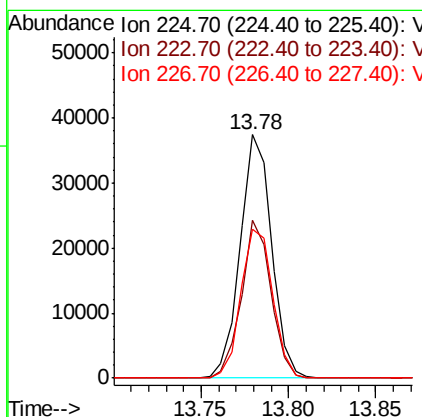
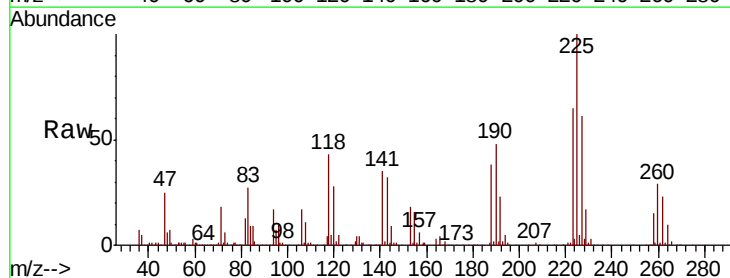
Manual Integrations
 APPROVED

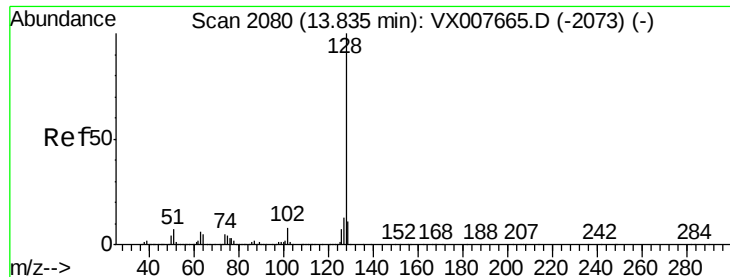
MMDadoda
 2/26/2019 2:57:55 PM



#94
 Hexachlorobutadiene
 Concen: 20.472 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007671.D
 Acq: 25 Feb 2019 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.2	31.6	94.8	
227	62.4	32.1	96.3	





#95

Naphthalene

Concen: 21.058 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Instrument :

MSVOA_X

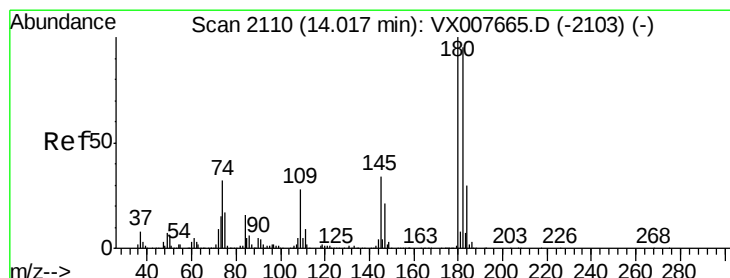
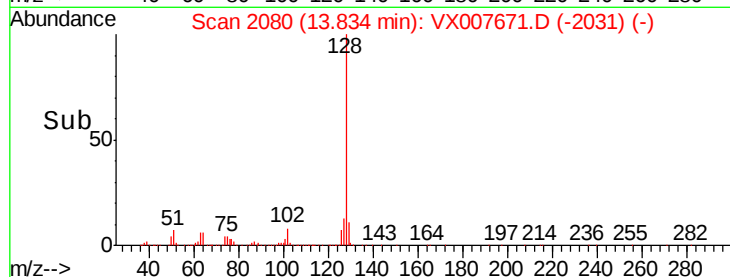
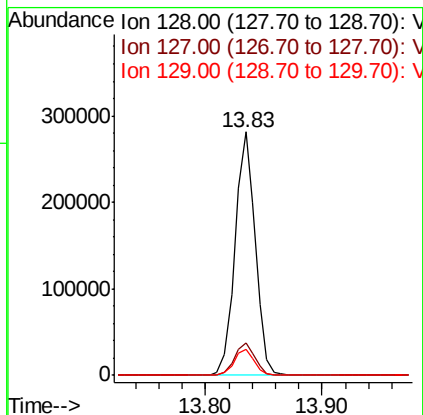
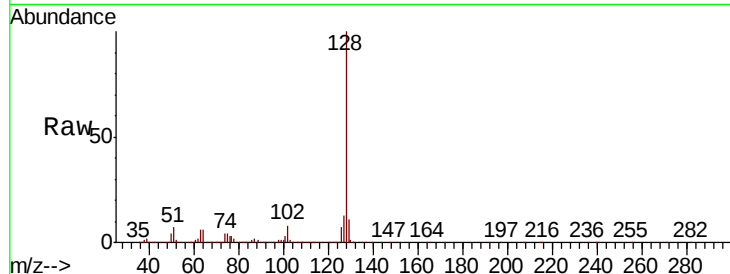
ClientSampleId :

VX0225WBS01

Tot Ion:	128	Resp:	339937
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.5	15.7
129	10.5	8.7	13.1

Manual Integrations
APPROVED

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2/26/2019 2:57:55 PM



#96

1,2,3-Trichlorobenzene

Concen: 20.469 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007671.D

Acq: 25 Feb 2019 14:07

Tgt Ion:	180	Resp:	102406
Ion Ratio	Lower	Upper	
180	100		
182	94.8	47.5	142.6
145	32.4	14.9	44.5

