

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022719\
 Data File : VX007733.D
 Acq On : 27 Feb 2019 14:57
 Operator : JC/SP
 Sample : VX0227WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/28/2019 12:22:42 PM

Quant Time: Feb 28 04:19:53 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	5.67	168	313517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	445286	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	408561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	211020	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	178700	46.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.04%	
35) Dibromofluoromethane	5.50	113	144452	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	
50) Toluene-d8	8.71	98	552700	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
62) 4-Bromofluorobenzene	11.13	95	198591	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	52390	18.140	ug/l	99
3) Chloromethane	1.33	50	55888	17.463	ug/l	100
4) Vinyl Chloride	1.41	62	57898	17.633	ug/l	99
5) Bromomethane	1.64	94	38933	17.823	ug/l	99
6) Chloroethane	1.73	64	36865	17.573	ug/l	97
7) Trichlorofluoromethane	1.93	101	83796	16.647	ug/l	98
8) Diethyl Ether	2.19	74	34803	16.847	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.39	101	51680	16.987	ug/l	99
10) Methyl Iodide	2.51	142	68130	17.984	ug/l	100
11) Tert butyl alcohol	3.06	59	66947	90.858	ug/l	99
12) 1,1-Dichloroethene	2.38	96	47043	17.154	ug/l	94
13) Acrolein	2.29	56	50279	76.790	ug/l	100
14) Allyl chloride	2.73	41	95522	18.838	ug/l	95
15) Acrylonitrile	3.15	53	162497	93.713	ug/l	99
16) Acetone	2.45	43	158271	91.646	ug/l	98
17) Carbon Disulfide	2.57	76	124676	16.341	ug/l	98
18) Methyl Acetate	2.78	43	74249	19.703	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	167468	17.536	ug/l	100
20) Methylene Chloride	2.86	84	53298	16.714	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	50153	16.822	ug/l	92
22) Diisopropyl ether	3.87	45	199568	18.906	ug/l	97
23) Vinyl Acetate	3.82	43	858320	92.679	ug/l	97
24) 1,1-Dichloroethane	3.70	63	97295	16.960	ug/l	98
25) 2-Butanone	4.70	43	255484	97.118	ug/l	96
26) 2,2-Dichloropropane	4.58	77	74327	16.231	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	62119	16.375	ug/l	91
28) Bromochloromethane	5.02	49	51853	18.566	ug/l	85
29) Tetrahydrofuran	5.15	42	161923	93.378	ug/l	94
30) Chloroform	5.21	83	105940	17.240	ug/l	99
31) Cyclohexane	5.57	56	96212	17.829	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	87541	17.225	ug/l	96
36) 1,1-Dichloropropene	5.80	75	79075	19.753	ug/l	96
37) Ethyl Acetate	4.85	43	93987	21.135	ug/l	99
38) Carbon Tetrachloride	5.78	117	77131	19.180	ug/l	99

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Manual Integrations
 APPROVED

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 2/28/2019 12:22:42 PM

Quant Time: Feb 28 04:19:53 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)
39) Methylcyclohexane	7.46	83	96890	19.150	ug/l	92
40) Benzene	6.14	78	238967	19.337	ug/l	99
41) Methacrylonitrile	5.06	41	52680	22.185	ug/l	95
42) 1,2-Dichloroethane	6.20	62	86121	20.734	ug/l	99
43) Isopropyl Acetate	6.46	43	142665	20.845	ug/l	98
44) Trichloroethene	7.21	130	65892	19.383	ug/l	97
45) 1,2-Dichloropropane	7.51	63	63771	19.921	ug/l	100
46) Dibromomethane	7.66	93	41099	18.403	ug/l	99
47) Bromodichloromethane	7.90	83	75176	19.424	ug/l	99
48) Methyl methacrylate	7.77	41	77198	21.518	ug/l	92
49) 1,4-Dioxane	7.75	88	29901	385.889	ug/l	93
51) 4-Methyl-2-Pentanone	8.65	43	485084	105.883	ug/l	98
52) Toluene	8.78	92	151550	19.448	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	80389	18.574	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	90502	19.270	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	61381	18.889	ug/l	98
56) Ethyl methacrylate	9.18	69	91073	19.708	ug/l	94
57) 1,3-Dichloropropane	9.37	76	101835	19.577	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	249560	97.931	ug/l	97
59) 2-Hexanone	9.49	43	370999	103.148	ug/l	98
60) Dibromochloromethane	9.58	129	60384	19.311	ug/l	98
61) 1,2-Dibromoethane	9.67	107	64698	19.176	ug/l	99
64) Tetrachloroethene	9.34	164	68449	20.637	ug/l	98
65) Chlorobenzene	10.13	112	166278	18.817	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	59022	19.149	ug/l	99
67) Ethyl Benzene	10.25	91	281002	19.197	ug/l	98
68) m/p-Xylenes	10.36	106	215637	37.867	ug/l	95
69) o-Xylene	10.69	106	102702	18.750	ug/l	95
70) Styrene	10.71	104	172275	19.134	ug/l	99
71) Bromoform	10.85	173	46345	20.051	ug/l #	99
73) Isopropylbenzene	11.02	105	284291	18.850	ug/l	99
74) N-amyl acetate	10.90	43	124013	18.935	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	92478	17.728	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	79556m	17.687	ug/l	
77) Bromobenzene	11.26	156	75600	19.985	ug/l	94
78) n-propylbenzene	11.36	91	321224	18.848	ug/l	97
79) 2-Chlorotoluene	11.42	91	189973	18.513	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	232985	18.780	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	24870	16.934	ug/l	89
82) 4-Chlorotoluene	11.51	91	219356	18.273	ug/l	98
83) tert-Butylbenzene	11.77	119	228184	19.157	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	239445	18.869	ug/l	98
85) sec-Butylbenzene	11.94	105	281832	18.882	ug/l	99
86) p-Isopropyltoluene	12.06	119	251726	19.257	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	134215	19.128	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	134334	18.693	ug/l	98
89) n-Butylbenzene	12.38	91	212053	18.190	ug/l	99
90) Hexachloroethane	12.60	117	39453	17.913	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	132938	18.935	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18824	16.562	ug/l	96

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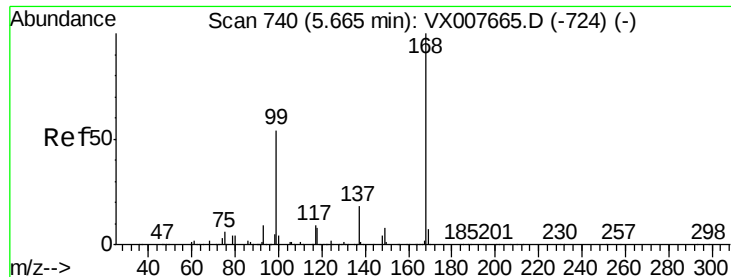
Manual Integrations
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2/28/2019 12:22:42 PM

Quant Time: Feb 28 04:19:53 2019
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	13.65	180	92519	21.588	ug/l	100
94) Hexachlorobutadiene	13.78	225	51714	26.378	ug/l	99
95) Naphthalene	13.83	128	263330	18.966	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	92383	21.469	ug/l	99

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



#1

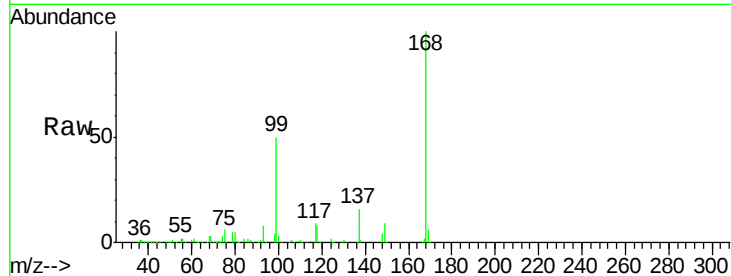
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: VX007733.D
 Acq: 27 Feb 2019 14:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBS01

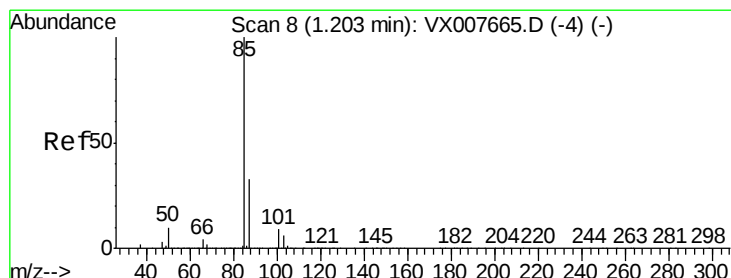
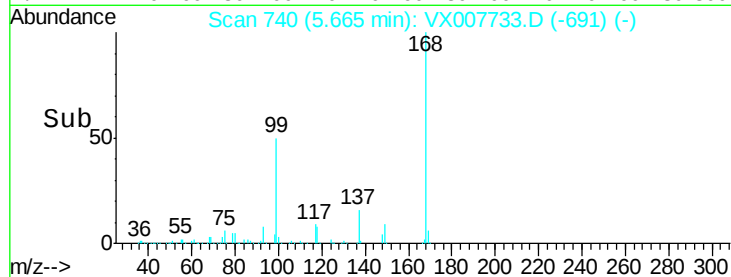
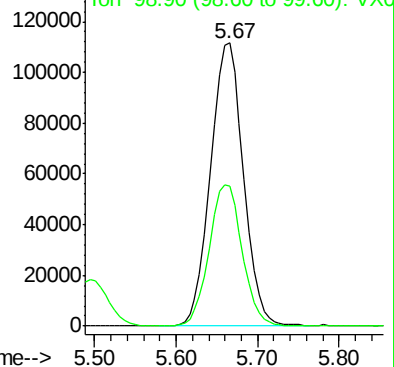
Tot Ion	Ratio	Lower	Upper
168	100		
99	49.4	37.9	56.9

Manual Integrations
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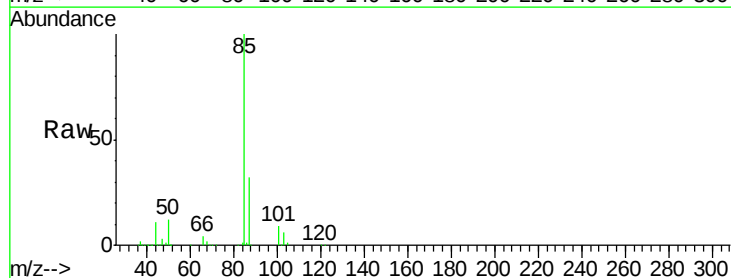
Abundance Ion 167.90 (167.60 to 168.60): V



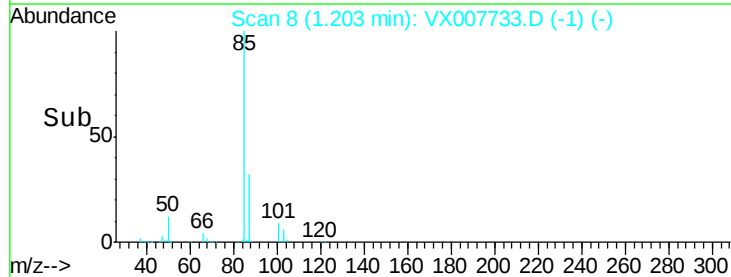
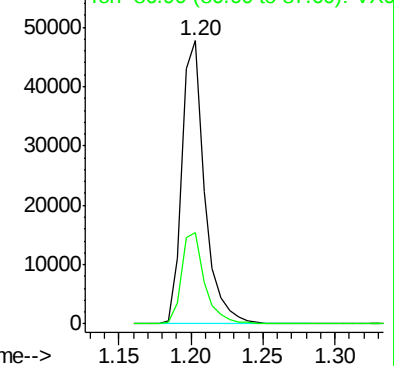
#2

Dichlorodifluoromethane
 Concen: 18.140 ug/l
 RT: 1.20 min Scan# 8
 Delta R.T. 0.00 min
 Lab File: VX007733.D
 Acq: 27 Feb 2019 14:57

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.2	15.8	47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0





#3

Chloromethane

Concen: 17.463 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007733.D

Acq: 27 Feb 2019 14:57

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

Tot Ion: 50 Resp: 55888

Ion Ratio Lower Upper

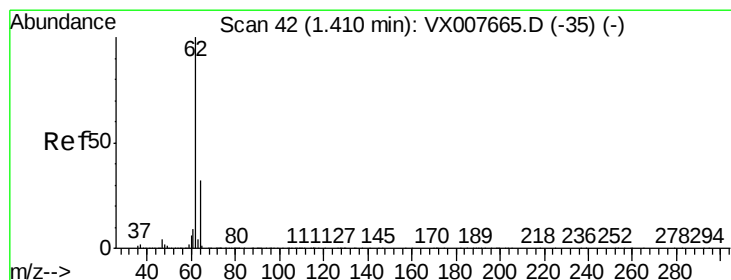
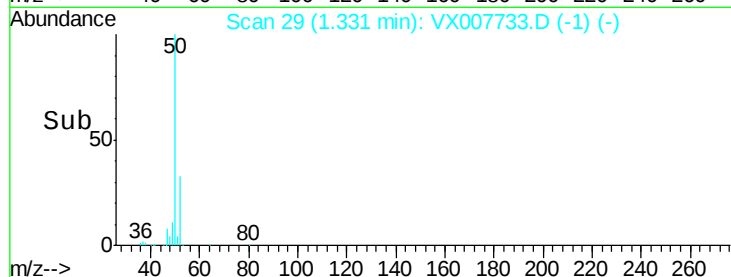
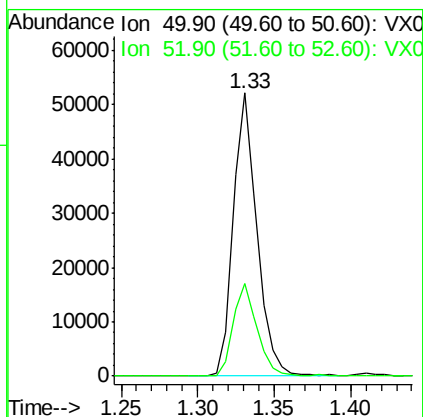
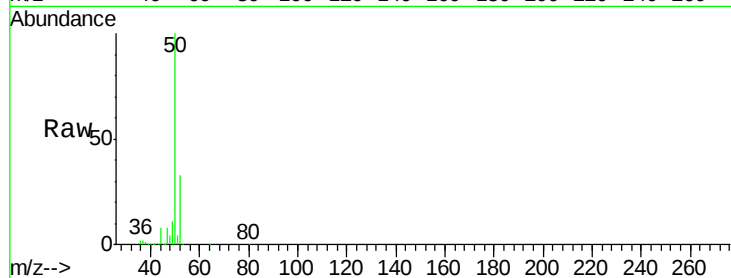
50 100

52 32.6 26.1 39.1

Manual Integrations
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#4

Vinyl Chloride

Concen: 17.633 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007733.D

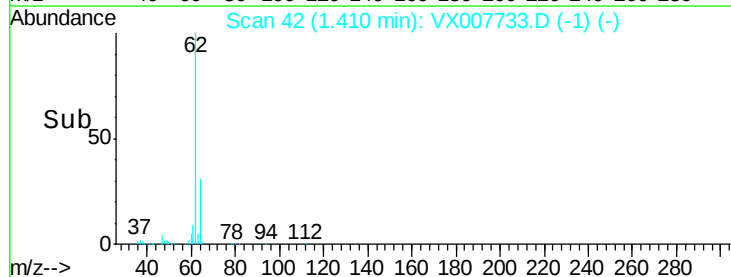
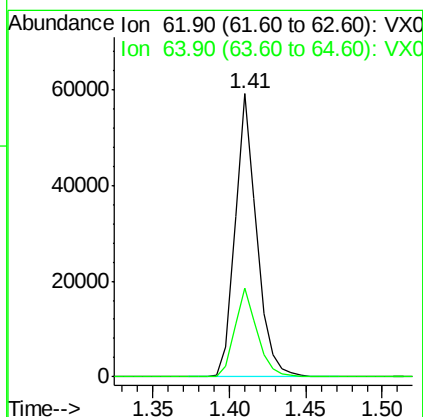
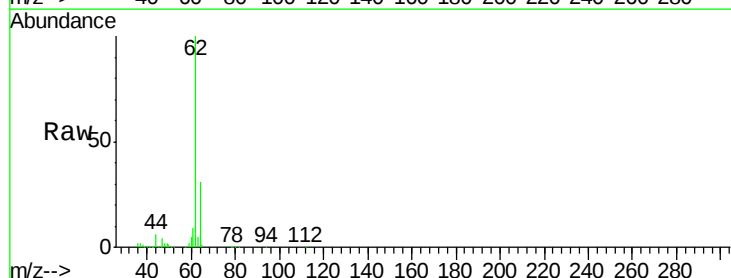
Acq: 27 Feb 2019 14:57

Tgt Ion: 62 Resp: 57898

Ion Ratio Lower Upper

62 100

64 31.3 25.4 38.0





#5

Bromomethane

Concen: 17.823 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007733.D

Acq: 27 Feb 2019 14:57

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

Tot Ion: 94 Resp: 38933

Ion Ratio Lower Upper

94 100

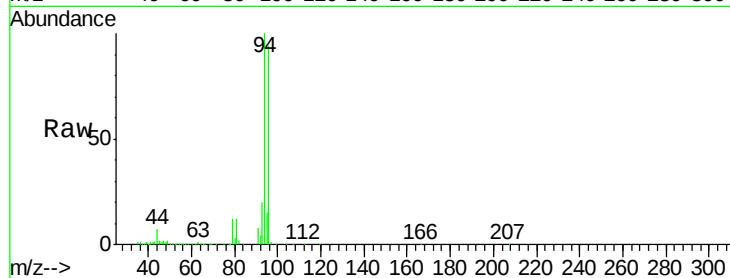
96 93.6 73.9 110.9

Manual Integrations

APPROVED

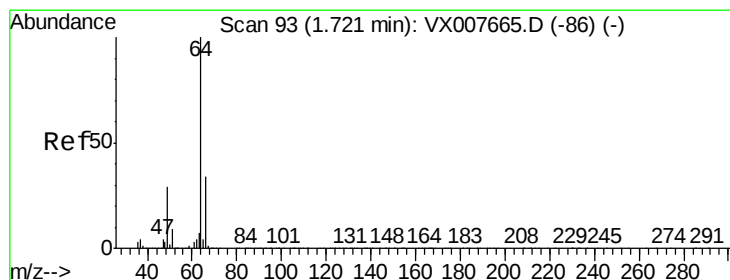
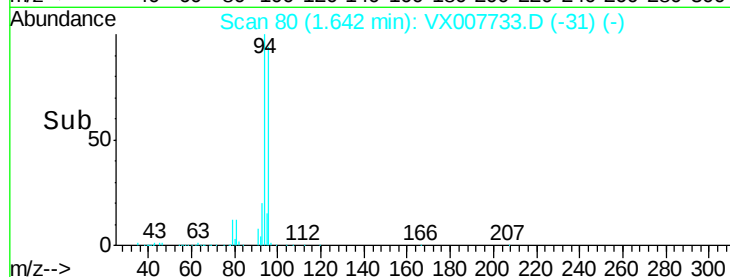
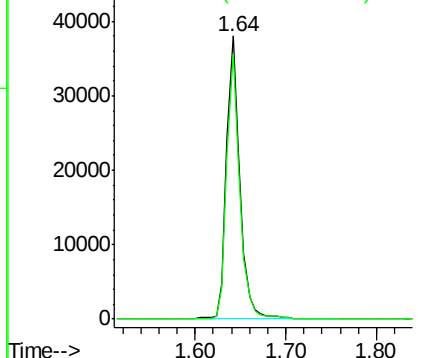
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.573 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007733.D

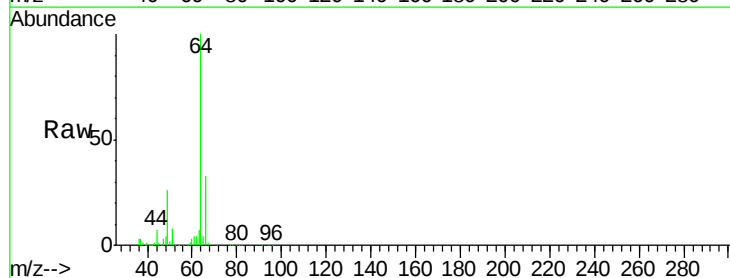
Acq: 27 Feb 2019 14:57

Tgt Ion: 64 Resp: 36865

Ion Ratio Lower Upper

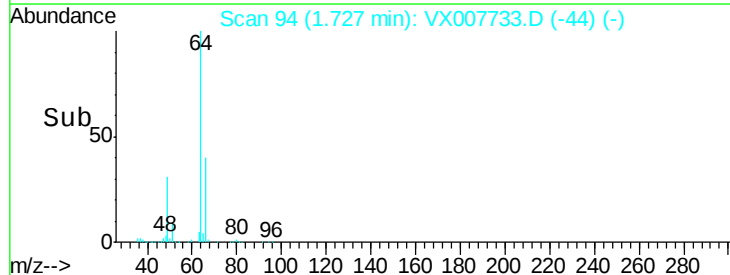
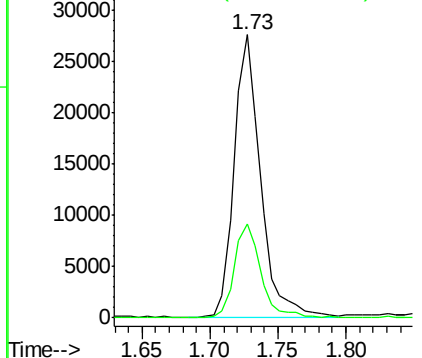
64 100

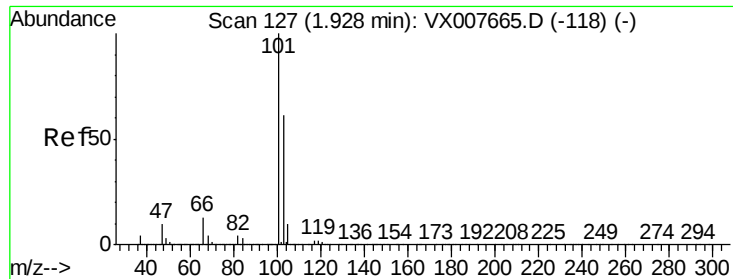
66 33.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

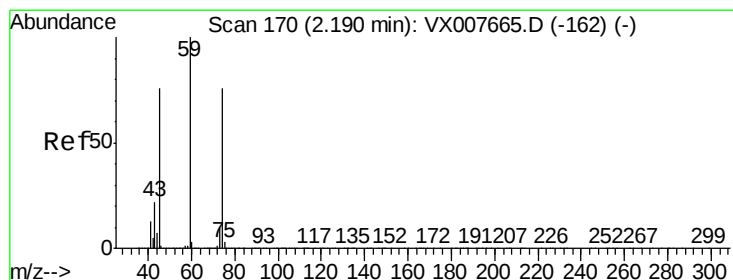
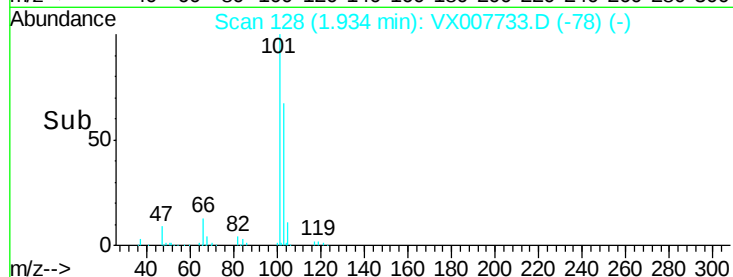
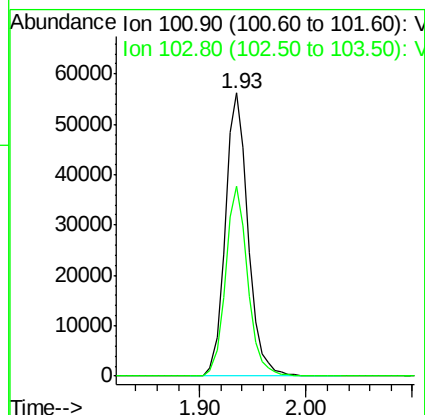
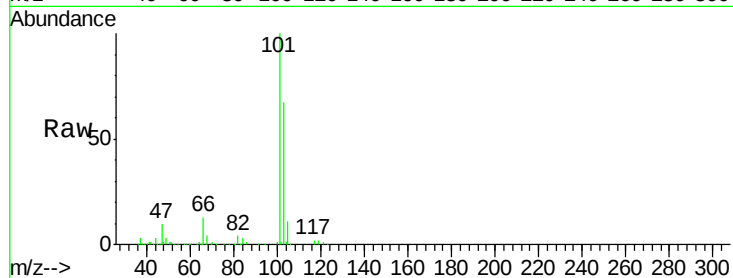
Trichlorofluoromethane
Concen: 16.647 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007733.D
Acq: 27 Feb 2019 14:57

Instrument :
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ClientSampleId :
VX0227WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.0	52.6	79.0

Manual Integrations
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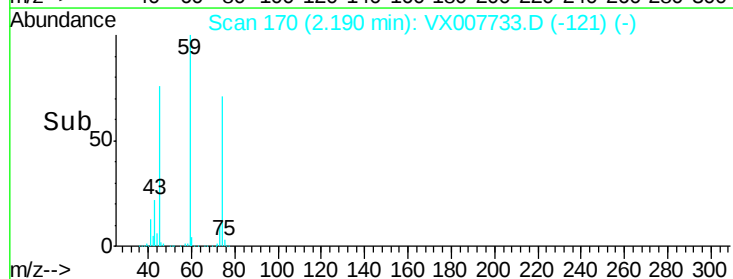
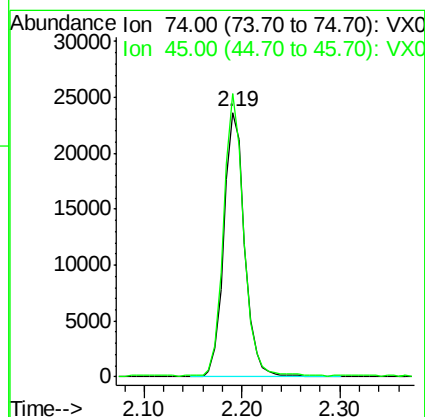
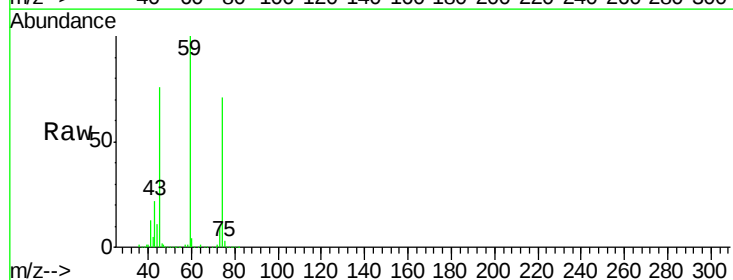
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2/28/2019 12:22:42 PM



#8

Diethyl Ether
Concen: 16.847 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007733.D
Acq: 27 Feb 2019 14:57

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.2	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.987 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007733.D

Acq: 27 Feb 2019 14:57

Instrument :

MSVOA_X

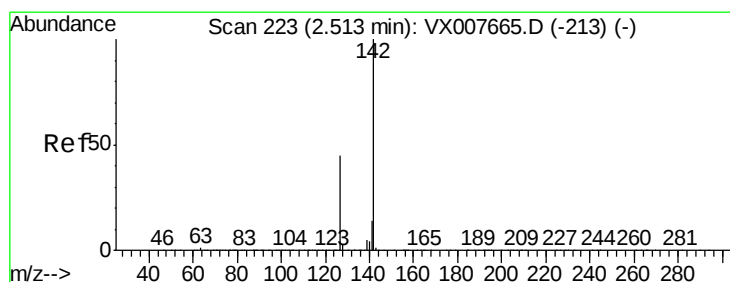
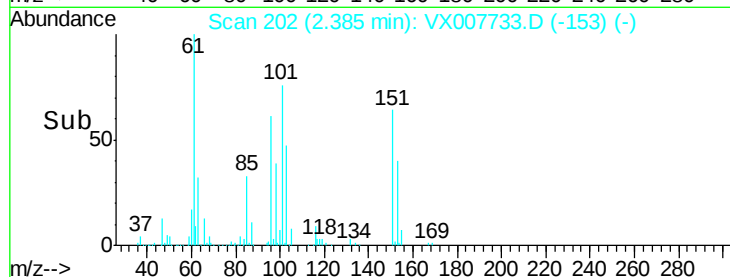
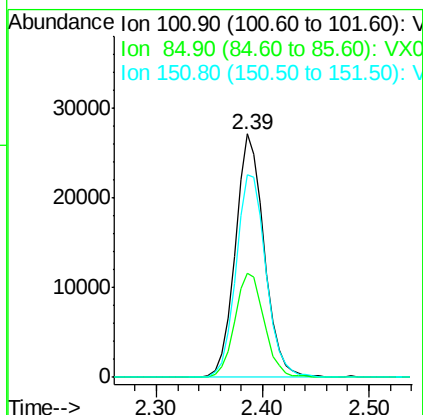
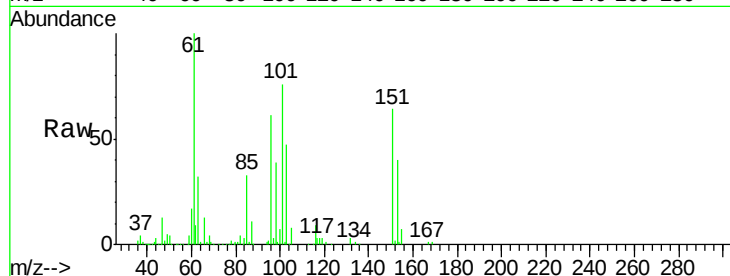
ClientSampleId :

VX0227WBS01

Tot Ion:	101	Resp:	51680
Ion Ratio	Lower	Upper	
101	100		
85	43.5	34.1	51.1
151	86.5	69.9	104.9

Manual Integrations
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#10

Methyl Iodide

Concen: 17.984 ug/l

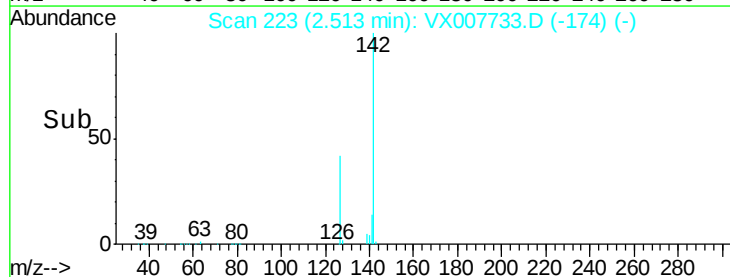
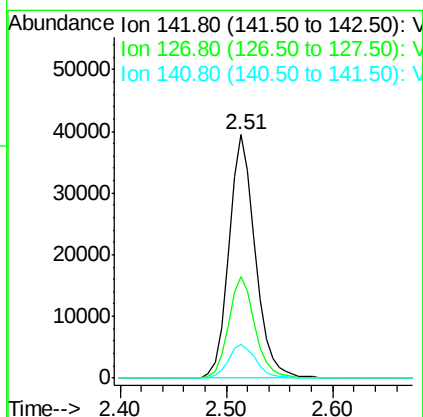
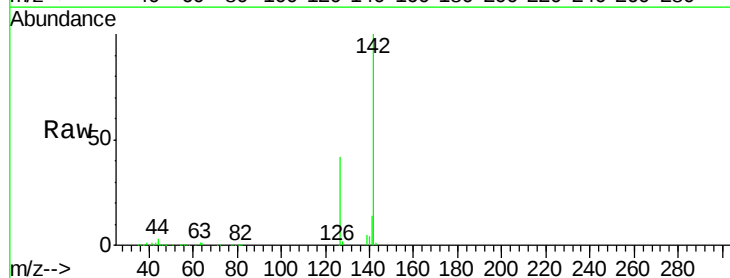
RT: 2.51 min Scan# 223

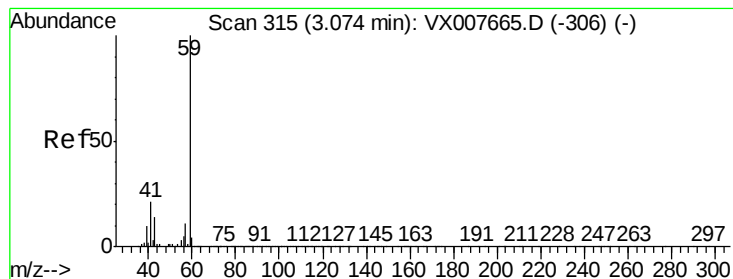
Delta R.T. 0.00 min

Lab File: VX007733.D

Acq: 27 Feb 2019 14:57

Tgt Ion:	142	Resp:	68130
Ion Ratio	Lower	Upper	
142	100		
127	41.9	33.7	50.5
141	14.3	11.3	16.9





#11

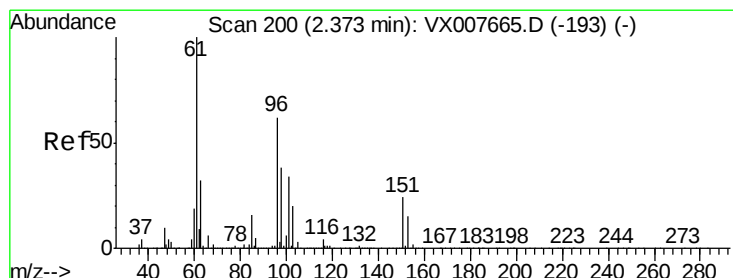
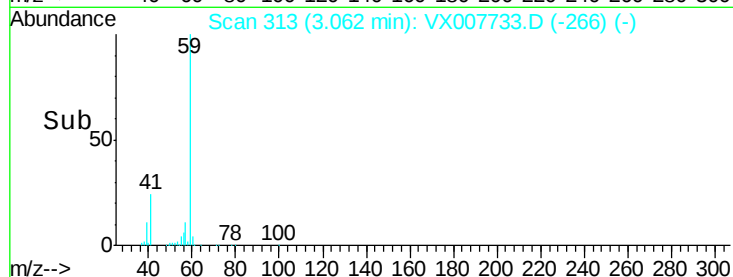
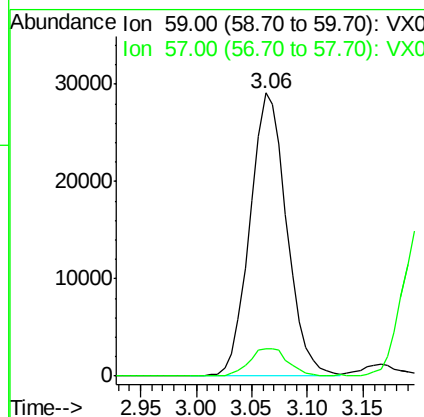
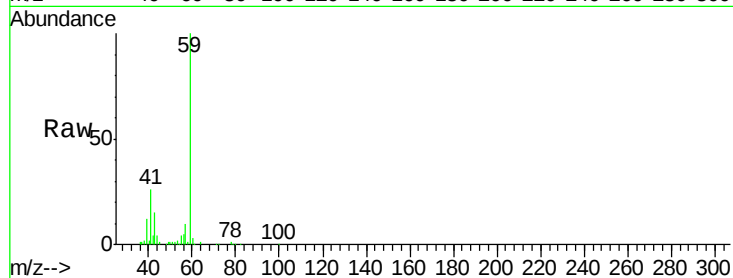
Tert butyl alcohol
 Concen: 90.858 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. -0.01 min
 Lab File: VX007733.D
 Acq: 27 Feb 2019 14:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.1	12.1

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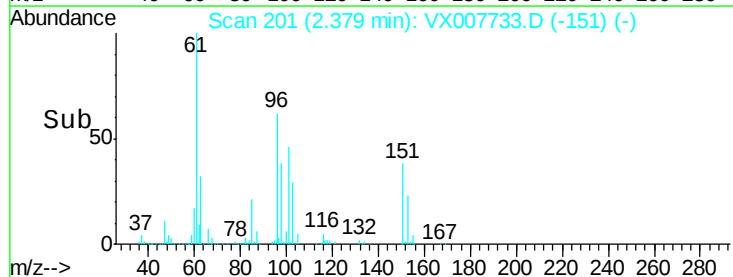
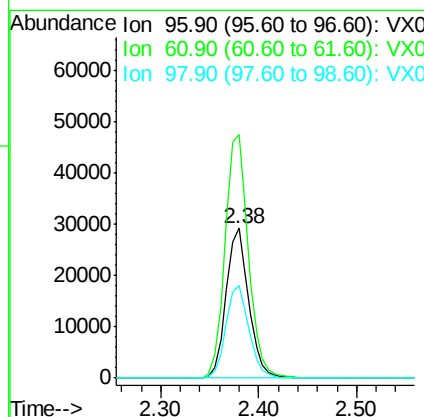
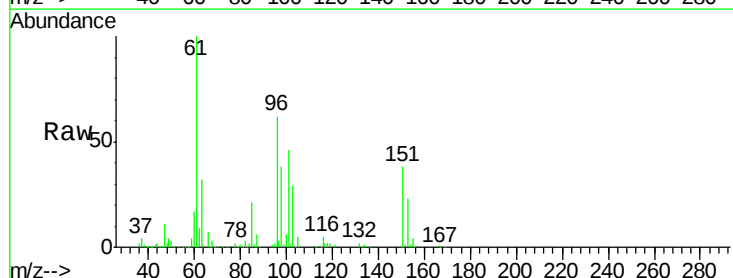
MMDadoda
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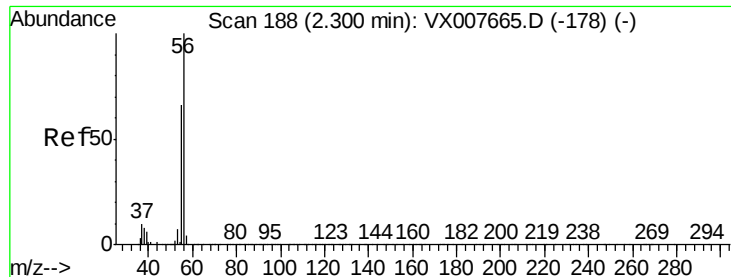


#12

1,1-Dichloroethene
 Concen: 17.154 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX007733.D
 Acq: 27 Feb 2019 14:57

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.6	123.0	184.4
98	61.9	50.9	76.3





#13

Acrolein

Concen: 76.790 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX007733.D

Acq: 27 Feb 2019 14:57

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

Tot Ion: 56 Resp: 50279

Ion Ratio Lower Upper

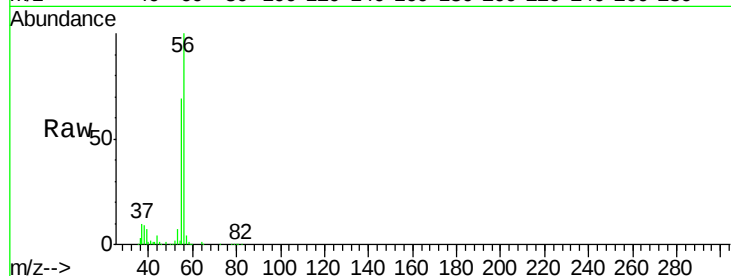
56 100

55 71.2 56.9 85.3

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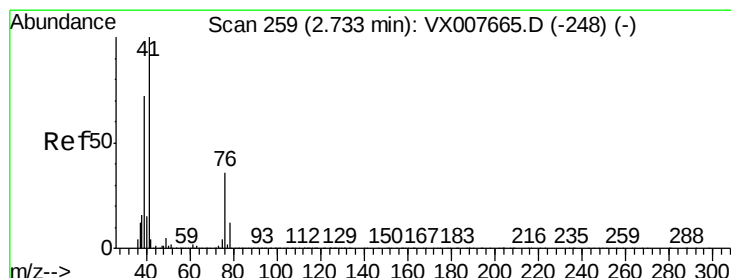
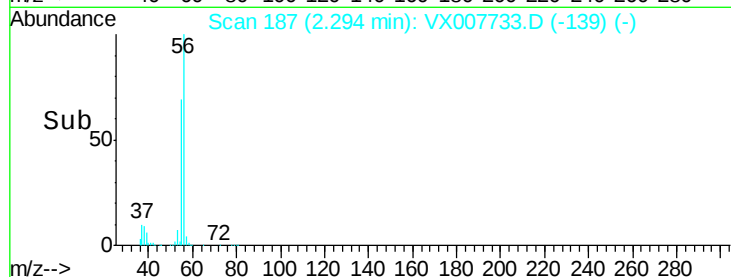
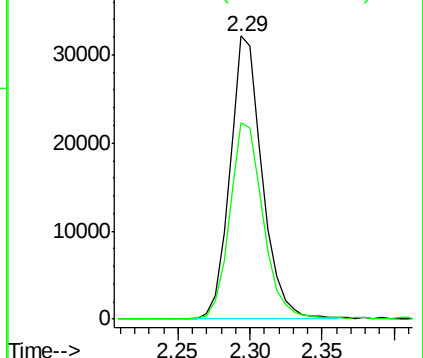
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.838 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.00 min

Lab File: VX007733.D

Acq: 27 Feb 2019 14:57

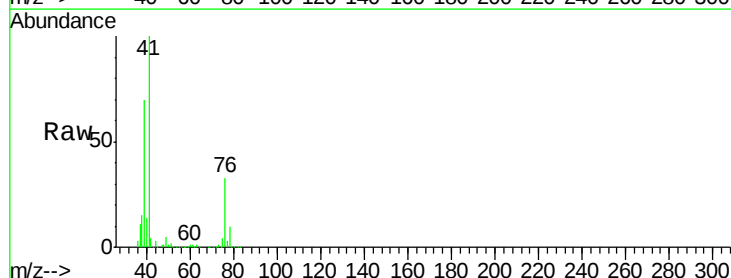
Tgt Ion: 41 Resp: 95522

Ion Ratio Lower Upper

41 100

39 65.5 54.1 81.1

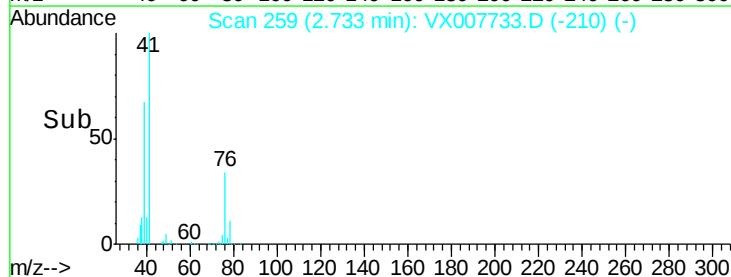
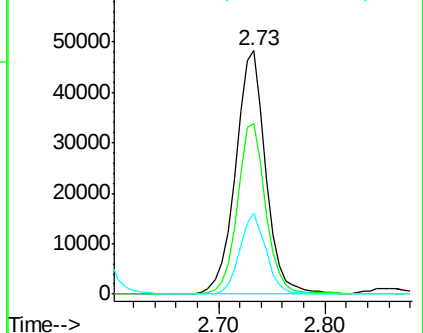
76 29.2 27.8 41.8

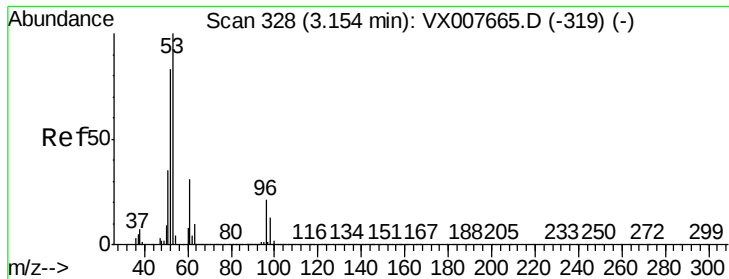


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 93.713 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007733.D

Acq: 27 Feb 2019 14:57

Instrument :

MSVOA_X

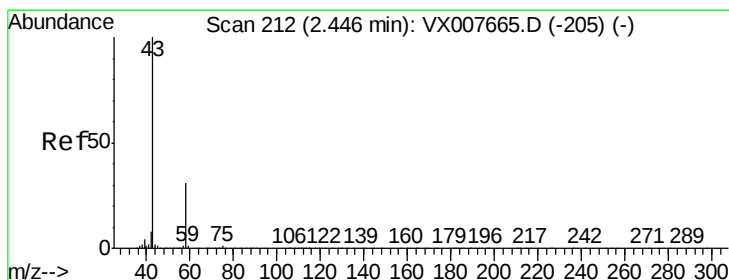
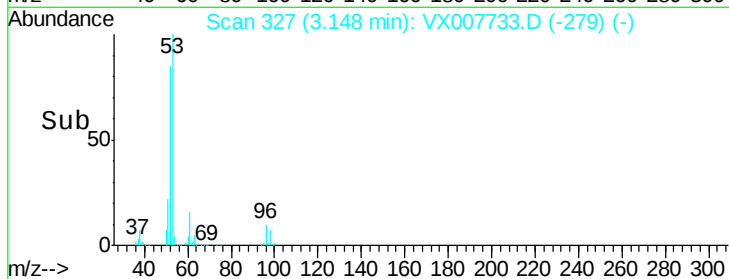
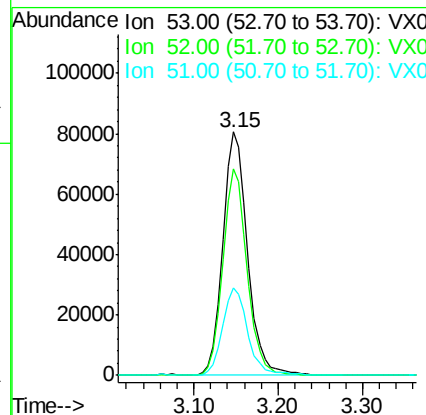
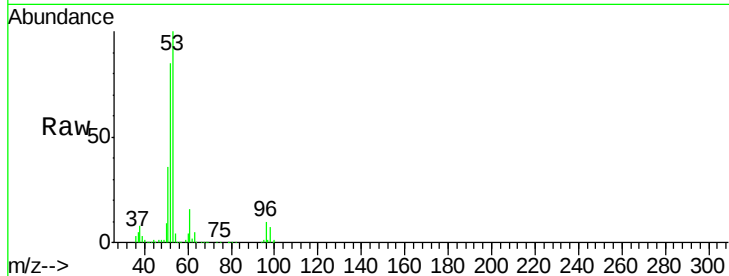
ClientSampleId :

VX0227WBS01

Tot Ion:	53	Resp:	162497
Ion Ratio		Lower	Upper
53	100		
52	83.0	66.4	99.6
51	36.4	28.4	42.6

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#16

Acetone

Concen: 91.646 ug/l

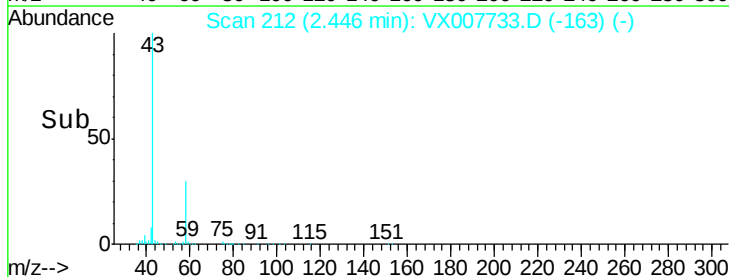
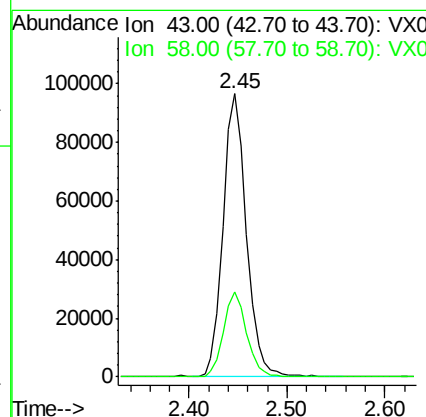
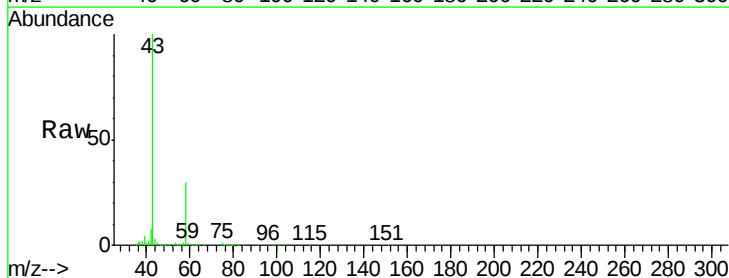
RT: 2.45 min Scan# 212

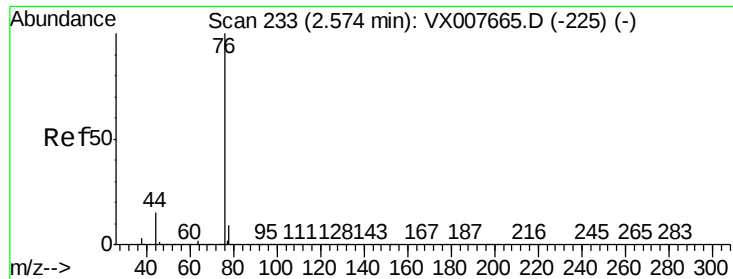
Delta R.T. 0.00 min

Lab File: VX007733.D

Acq: 27 Feb 2019 14:57

Tgt Ion:	43	Resp:	158271
Ion Ratio		Lower	Upper
43	100		
58	30.0	24.9	37.3





#17

Carbon Disulfide

Concen: 16.341 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007733.D

Acq: 27 Feb 2019 14:57

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

Tot Ion: 76 Resp: 124676

Ion Ratio Lower Upper

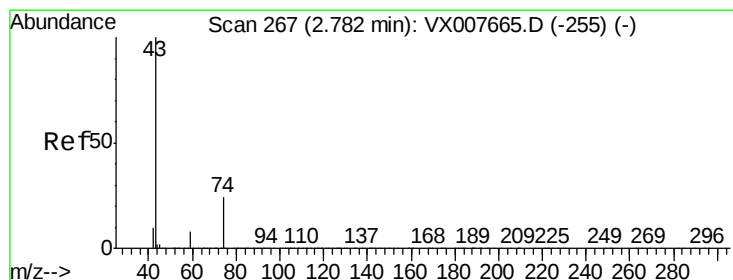
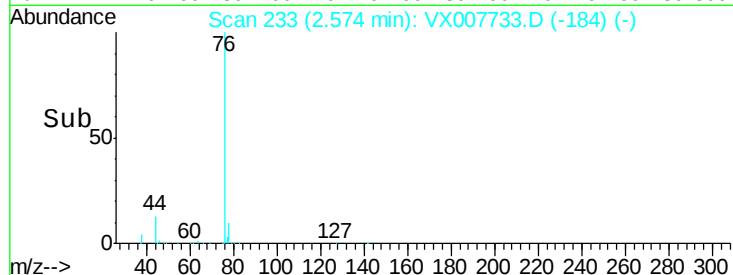
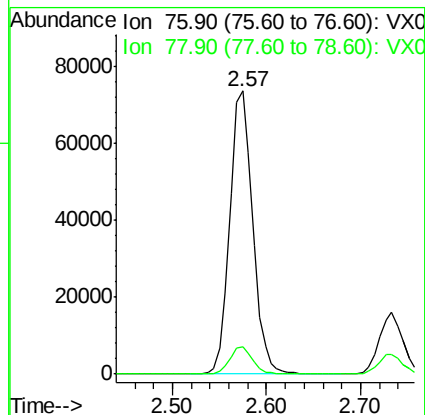
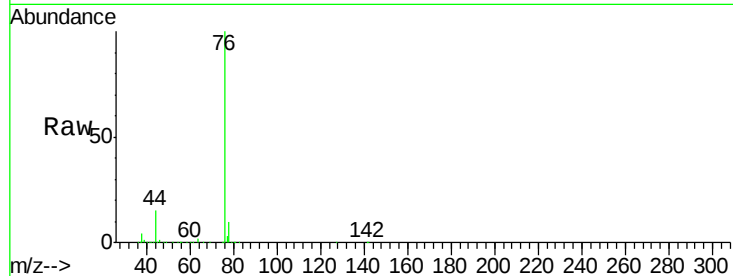
76 100

78 9.8 7.1 10.7

Manual Integrations
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#18

Methyl Acetate

Concen: 19.703 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX007733.D

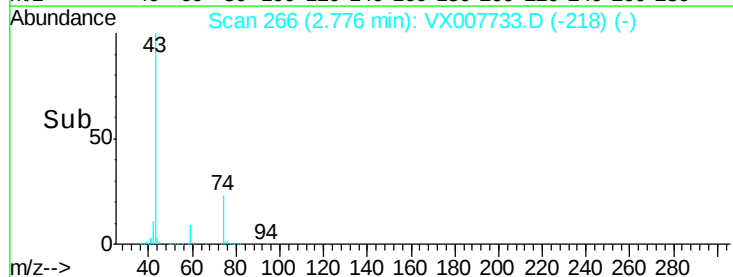
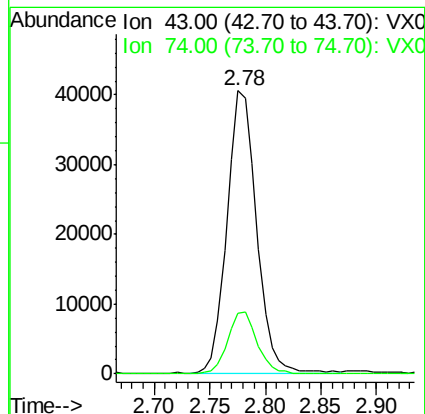
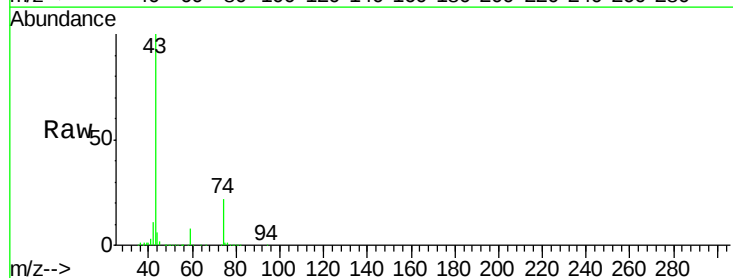
Acq: 27 Feb 2019 14:57

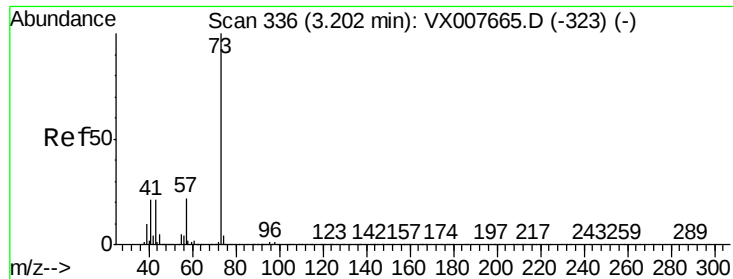
Tgt Ion: 43 Resp: 74249

Ion Ratio Lower Upper

43 100

74 22.3 19.4 29.2





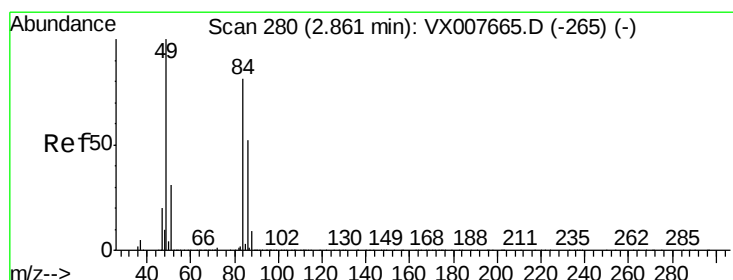
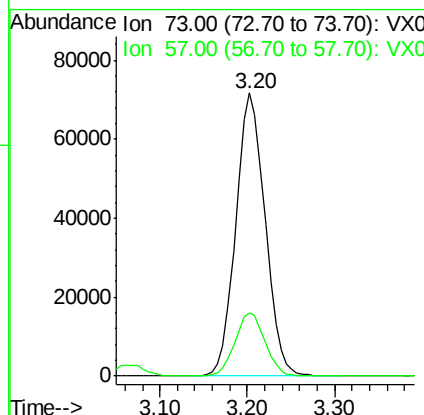
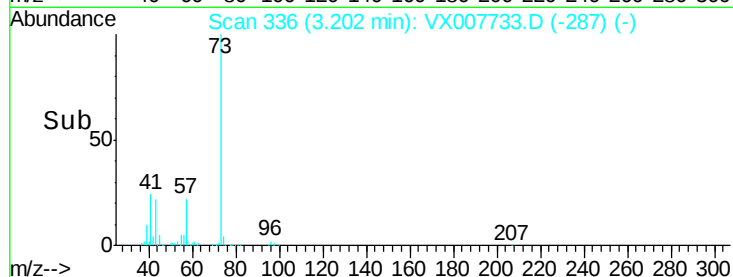
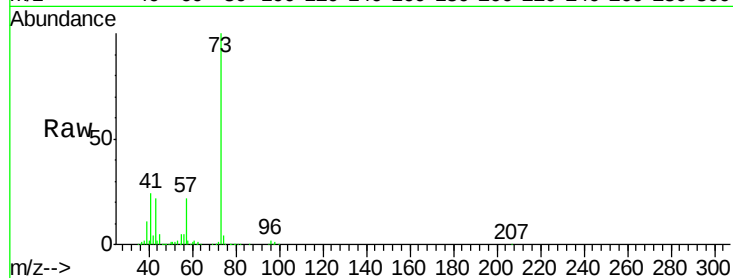
#19
Methvl tert-butvl Ether
Concen: 17.536 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX007733.D
Acq: 27 Feb 2019 14:57

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tot Ion: 73 Resp: 167468
Ion Ratio Lower Upper
73 100
57 22.1 17.8 26.8

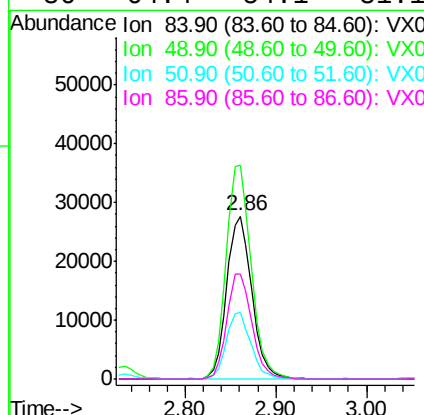
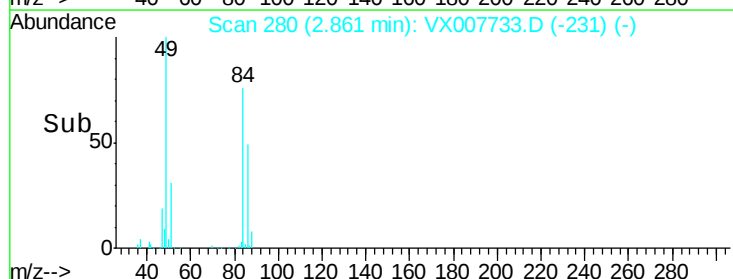
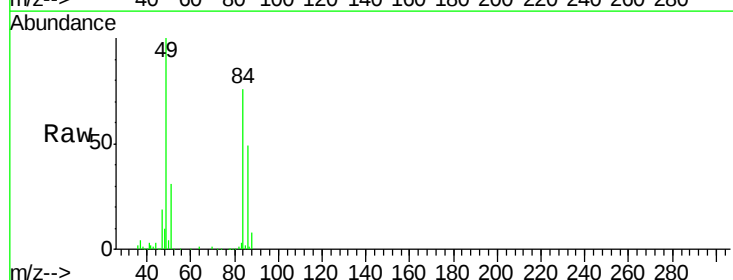
Manual Integrations
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#20
Methylene Chloride
Concen: 16.714 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007733.D
Acq: 27 Feb 2019 14:57

Tgt Ion: 84 Resp: 53298
Ion Ratio Lower Upper
84 100
49 131.1 94.8 142.2
51 40.8 29.8 44.8
86 64.4 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 16.822 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007733.D

Acq: 27 Feb 2019 14:57

Instrument :

MSVOA_X

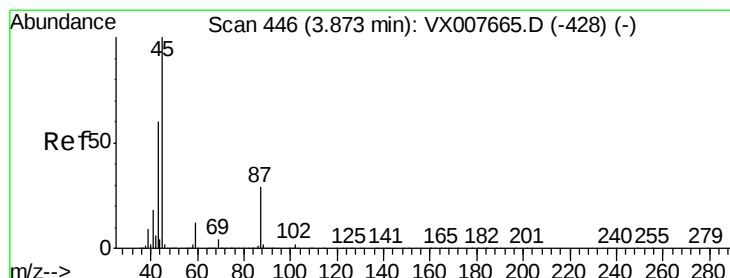
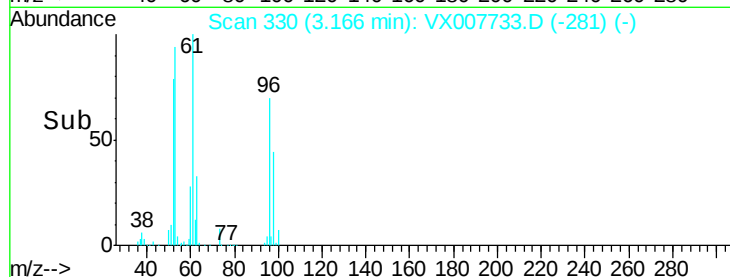
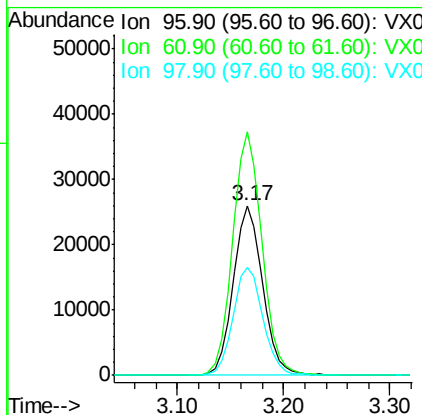
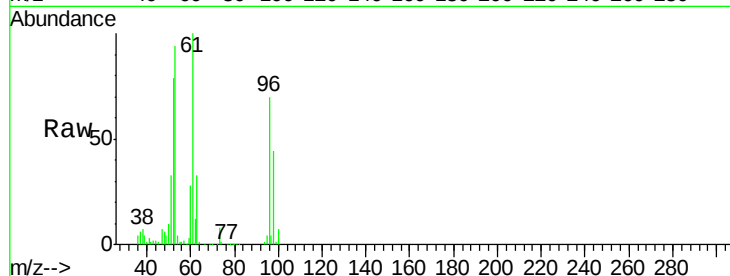
ClientSampleId :

VX0227WBS01

Tot Ion:	96	Resp:	50153
Ion Ratio	Lower	Upper	
96	100		
61	143.6	104.6	156.8
98	63.8	51.0	76.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.906 ug/l

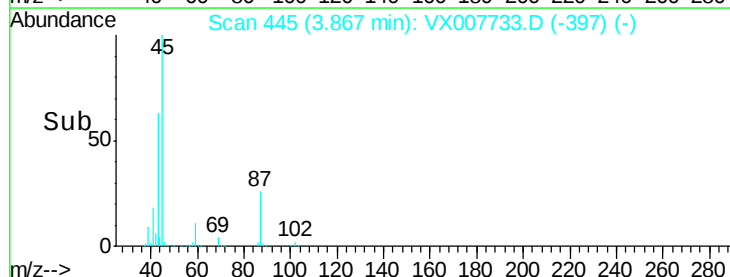
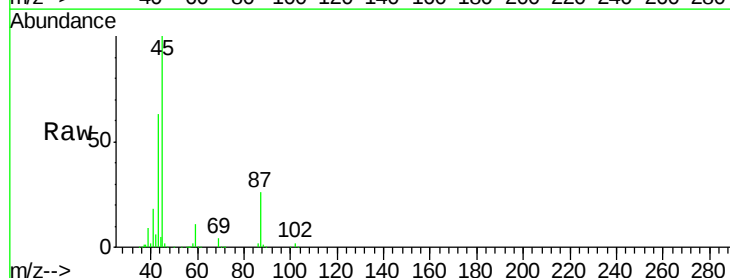
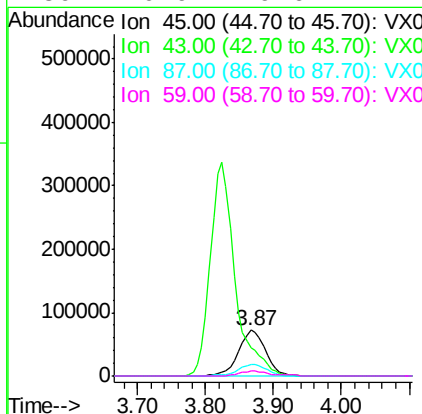
RT: 3.87 min Scan# 445

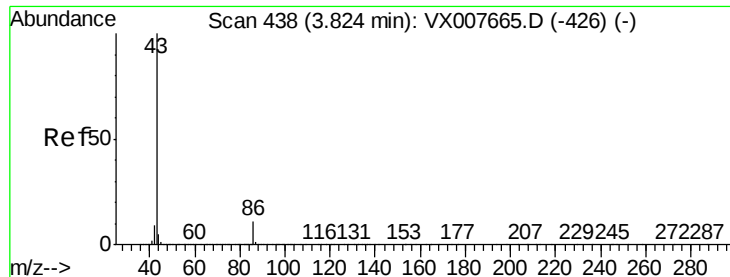
Delta R.T. -0.01 min

Lab File: VX007733.D

Acq: 27 Feb 2019 14:57

Tgt Ion:	45	Resp:	199568
Ion Ratio	Lower	Upper	
45	100		
43	62.3	48.9	73.3
87	26.0	23.9	35.9
59	10.9	9.6	14.4





#23

Vinyl Acetate

Concen: 92.679 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007733.D

Acq: 27 Feb 2019 14:57

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

Tot Ion: 43 Resp: 858320

Ion Ratio Lower Upper

43 100

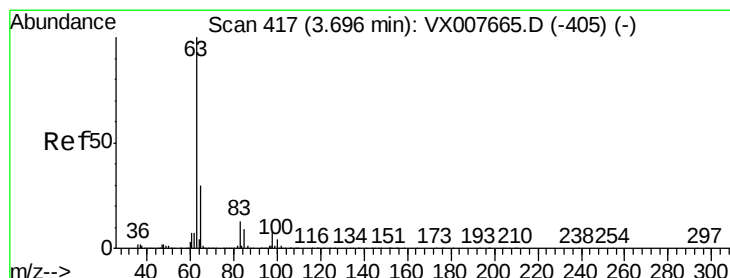
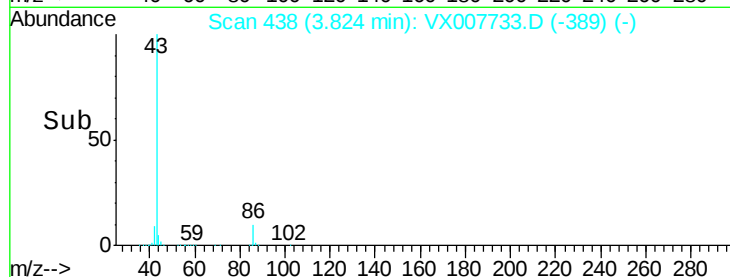
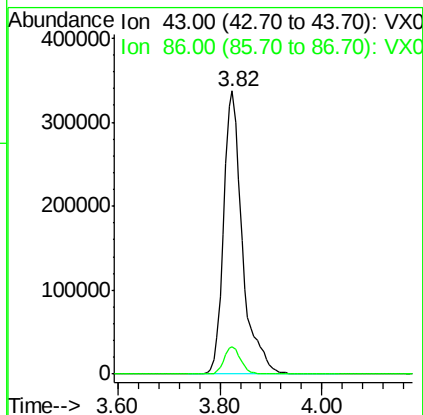
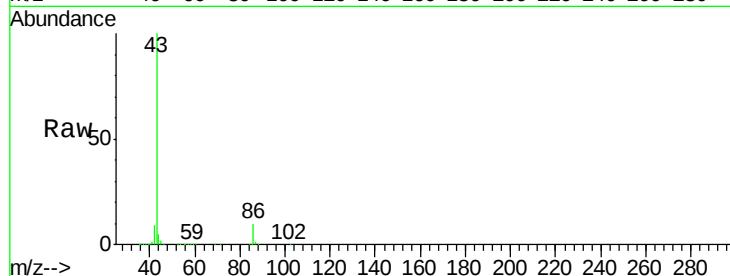
86 9.9 8.7 13.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 16.960 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007733.D

Acq: 27 Feb 2019 14:57

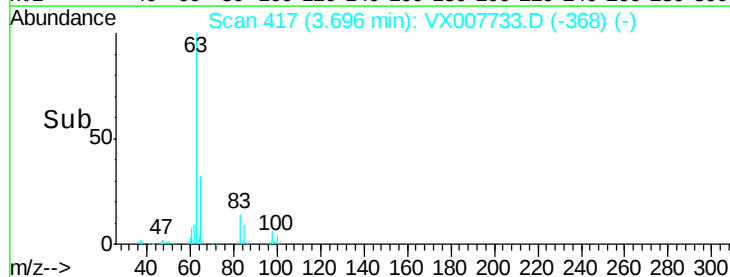
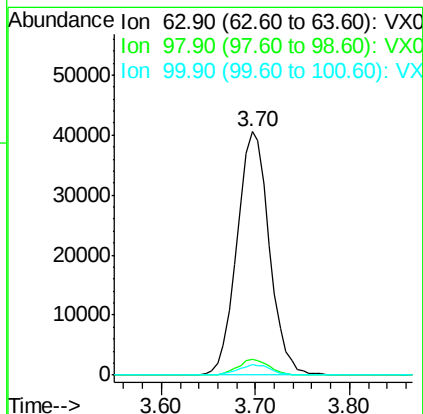
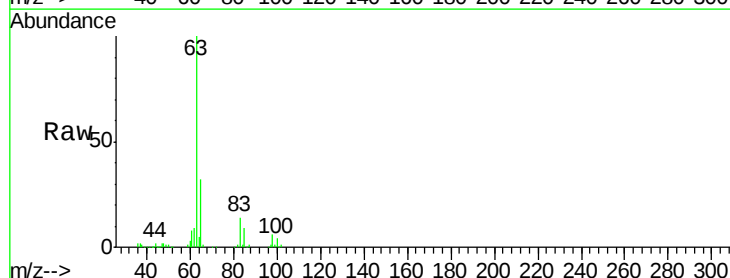
Tgt Ion: 63 Resp: 97295

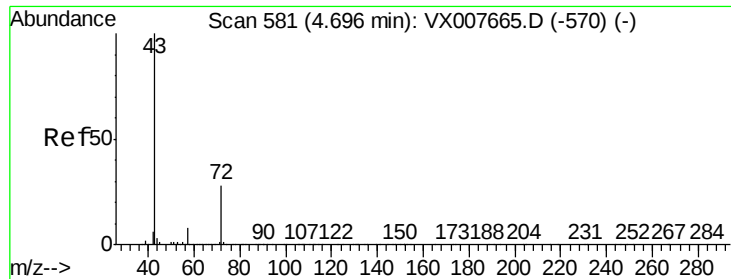
Ion Ratio Lower Upper

63 100

98 6.3 3.6 10.8

100 4.2 2.5 7.4





#25

2-Butanone

Concen: 97.118 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.00 min

Lab File: VX007733.D

Acq: 27 Feb 2019 14:57

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

Tot Ion: 43 Resp: 255484

Ion Ratio Lower Upper

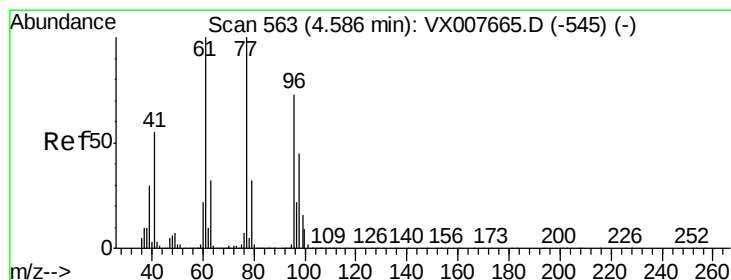
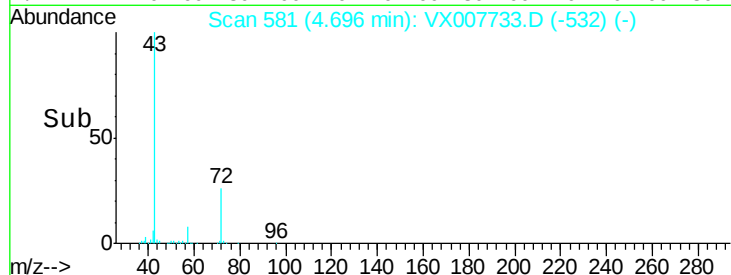
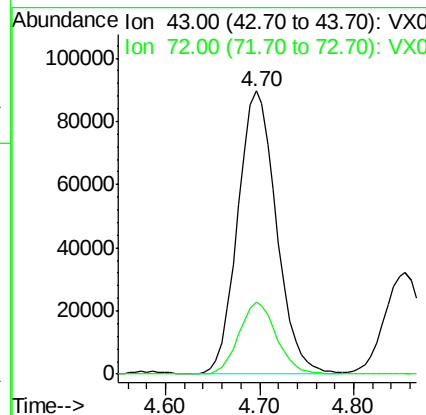
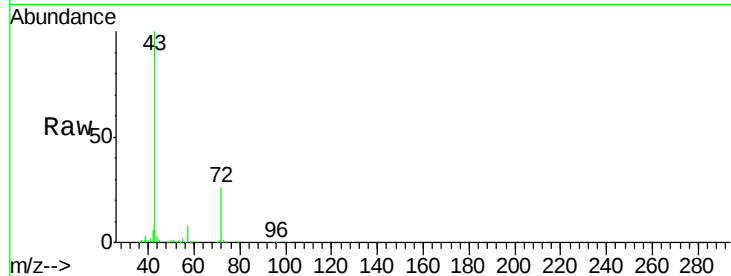
43 100

72 25.5 22.2 33.2

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 16.231 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX007733.D

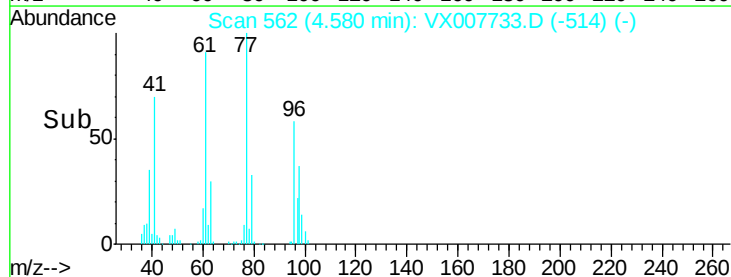
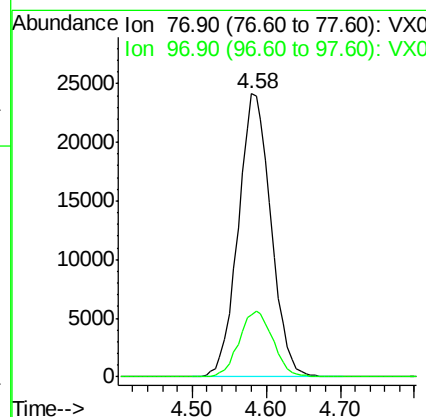
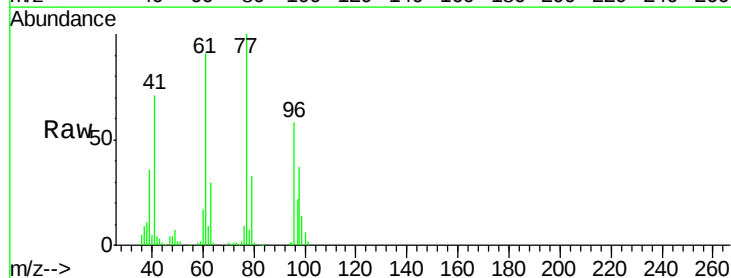
Acq: 27 Feb 2019 14:57

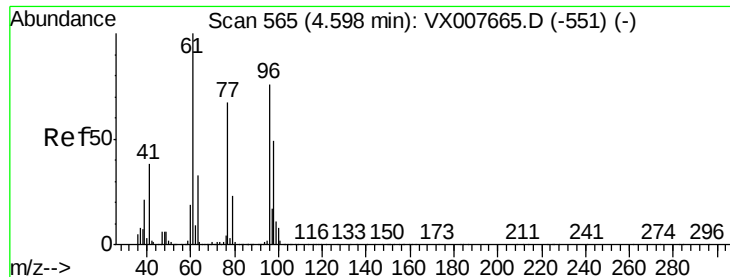
Tgt Ion: 77 Resp: 74327

Ion Ratio Lower Upper

77 100

97 23.9 12.1 36.3





#27

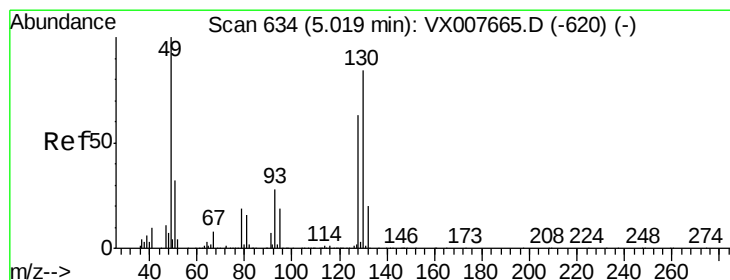
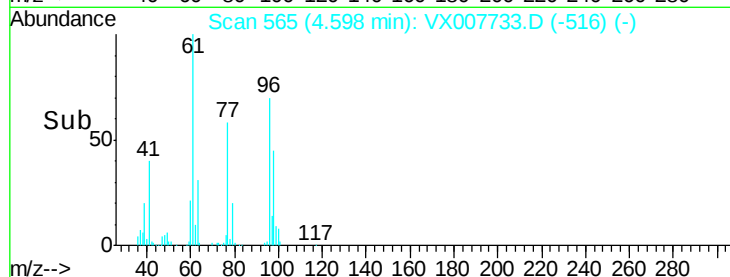
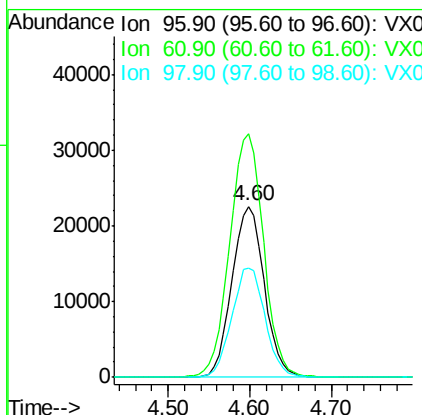
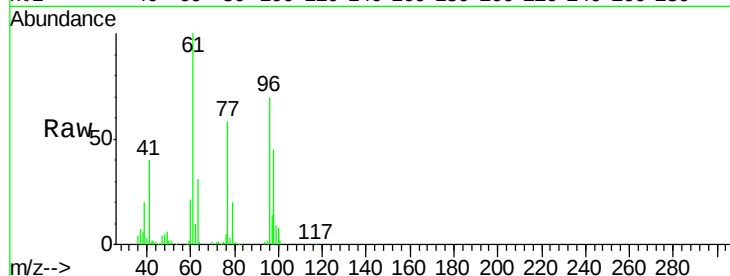
cis-1,2-Dichloroethene
Concen: 16.375 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007733.D
Acq: 27 Feb 2019 14:57

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.0	0.0	265.6
98	65.5	0.0	131.6

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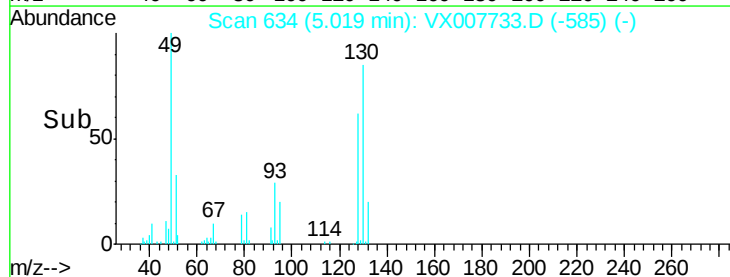
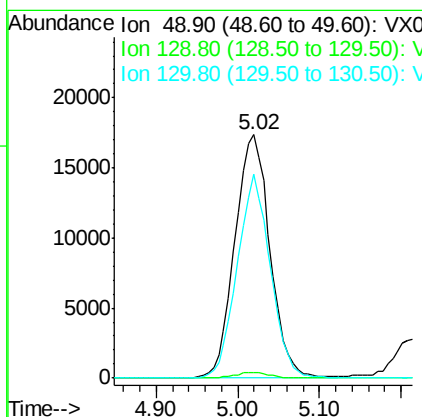
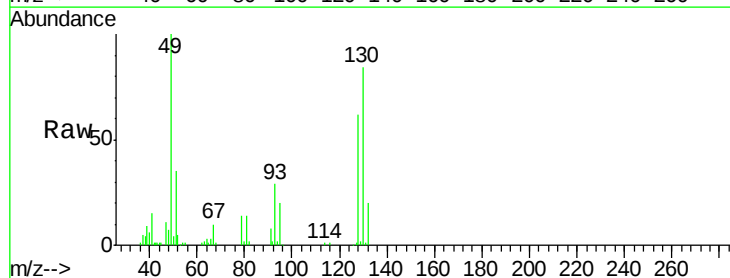
MMDadoda
2/28/2019 12:22:42 PM

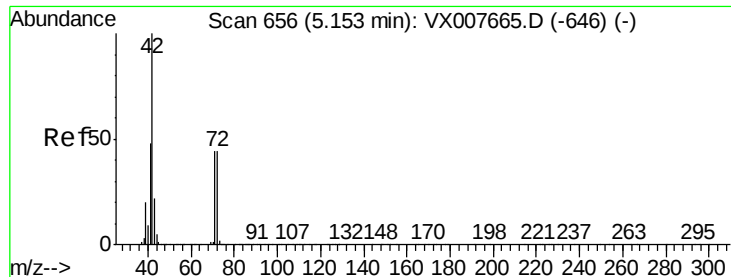


#28

Bromochloromethane
Concen: 18.566 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007733.D
Acq: 27 Feb 2019 14:57

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	5.6
130	79.3	75.6	113.4





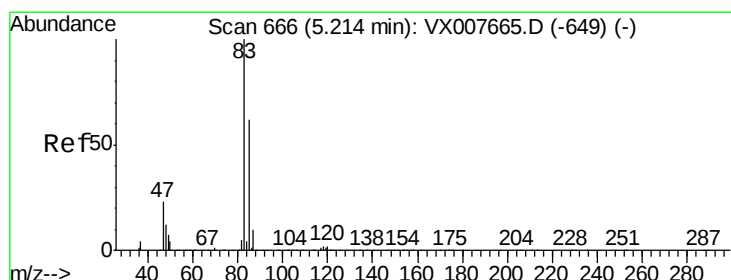
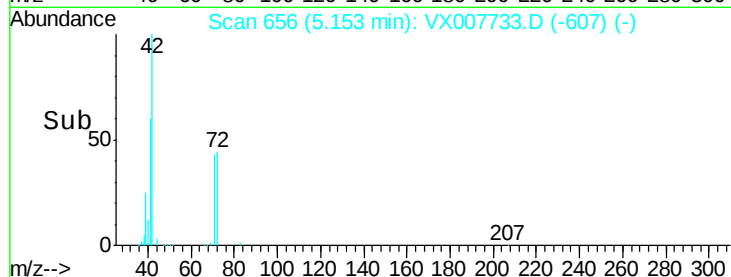
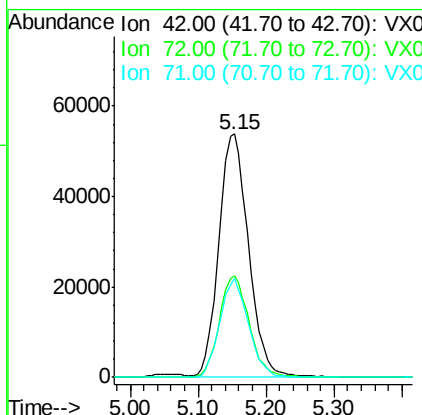
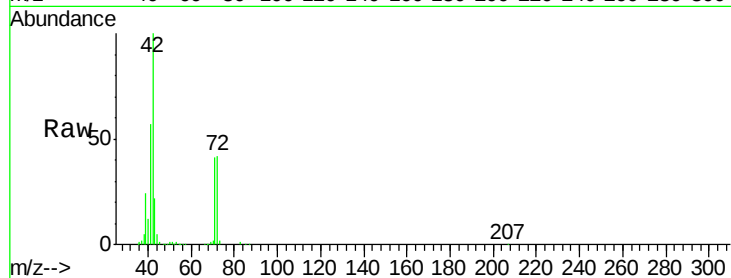
#29
Tetrahydrofuran
Concen: 93.378 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX007733.D
Acq: 27 Feb 2019 14:57

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.3	37.6	56.4
71	39.4	34.6	51.8

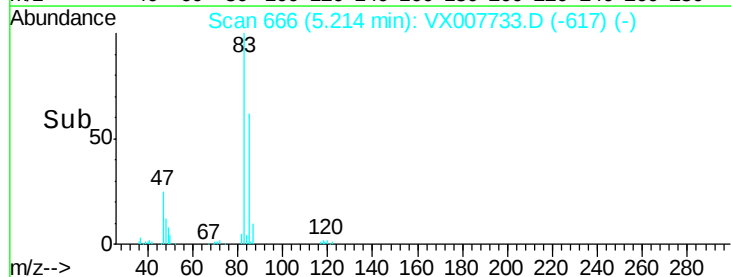
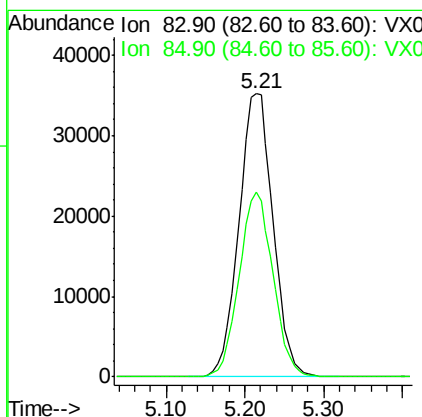
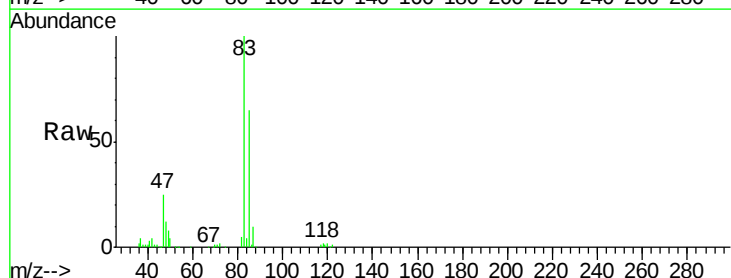
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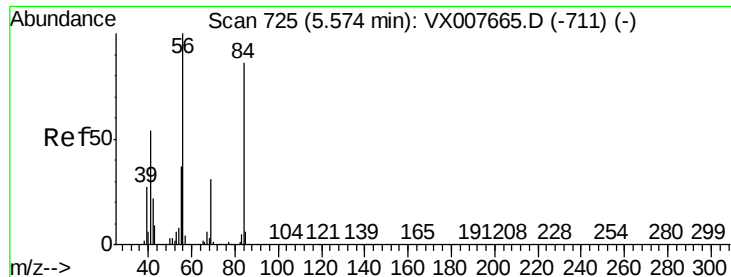
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#30
Chloroform
Concen: 17.240 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007733.D
Acq: 27 Feb 2019 14:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.6	77.4





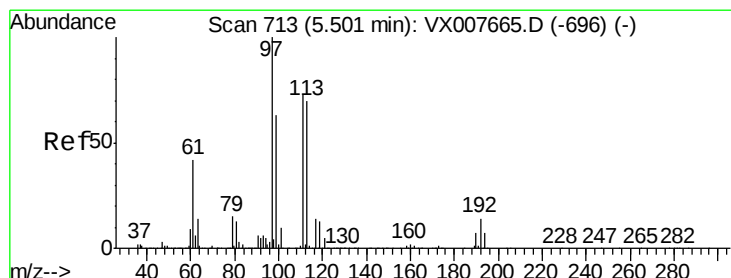
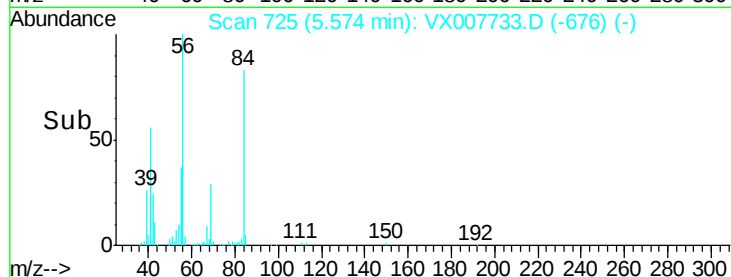
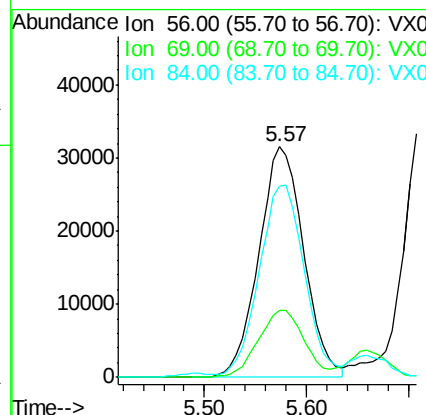
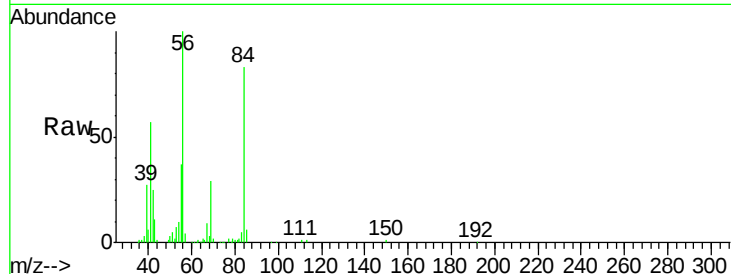
#31
Cyclohexane
Concen: 17.829 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007733.D
Acq: 27 Feb 2019 14:57

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.2	23.0	34.6
84	81.3	69.8	104.6

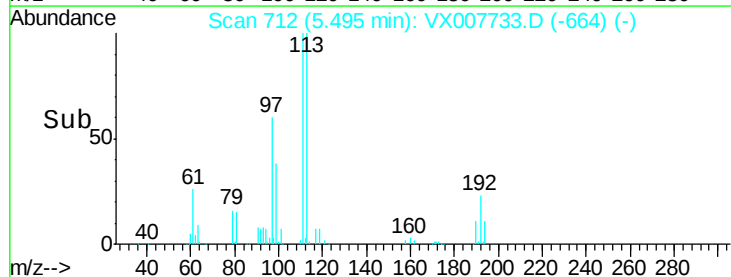
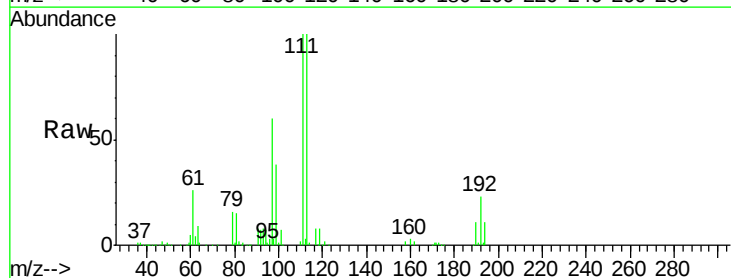
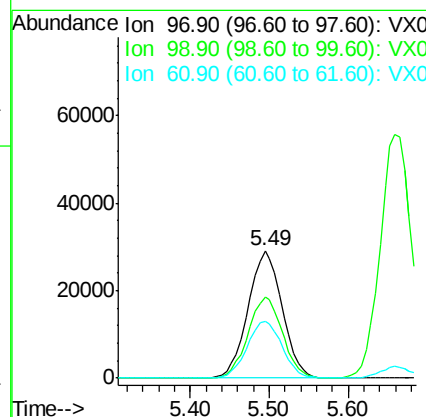
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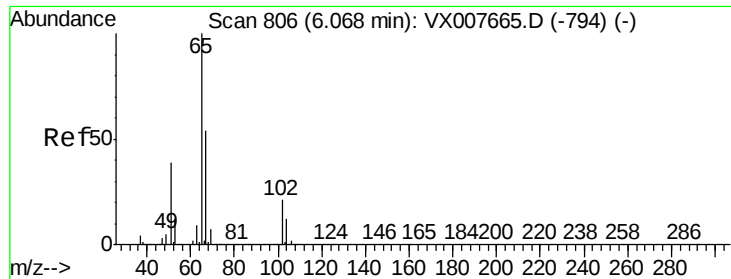
MMDadoda
2/28/2019 12:22:42 PM



#32
1,1,1-Trichloroethane
Concen: 17.225 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007733.D
Acq: 27 Feb 2019 14:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	52.2	78.2
61	45.9	32.7	49.1





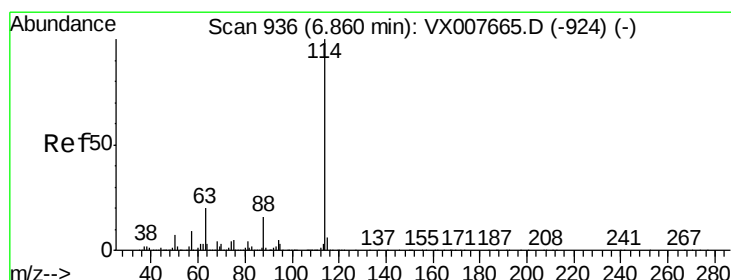
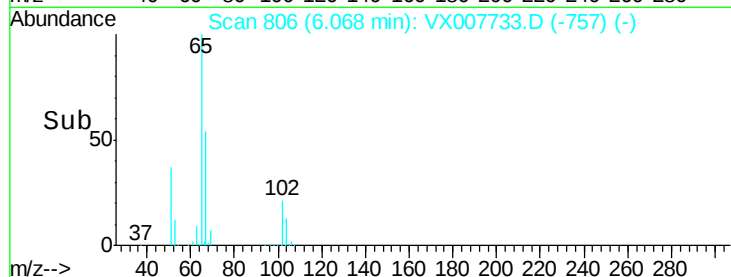
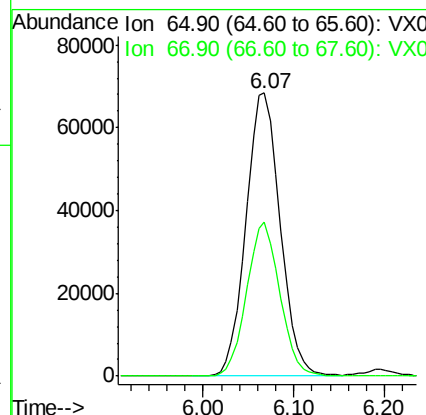
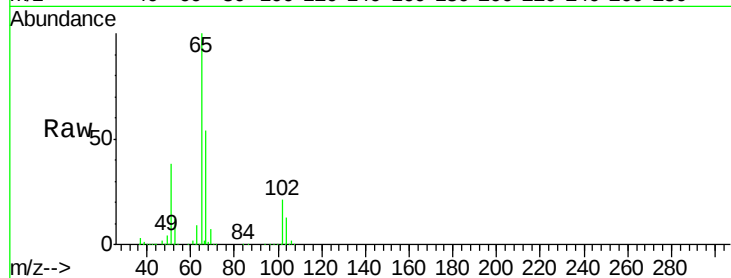
#33
 1,2-Dichloroethane-d4
 Concen: 46.015 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007733.D
 Acq: 27 Feb 2019 14:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	178700		
67	52.8	0.0	108.8	

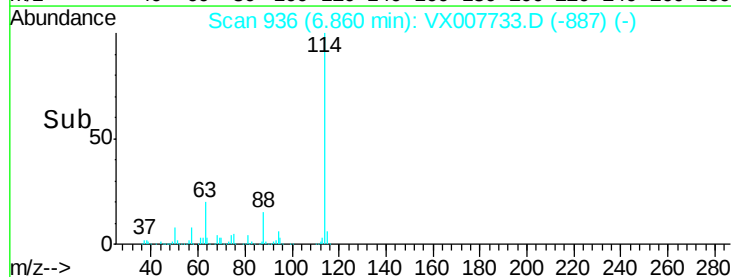
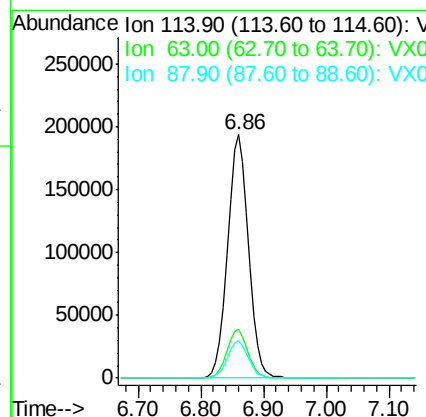
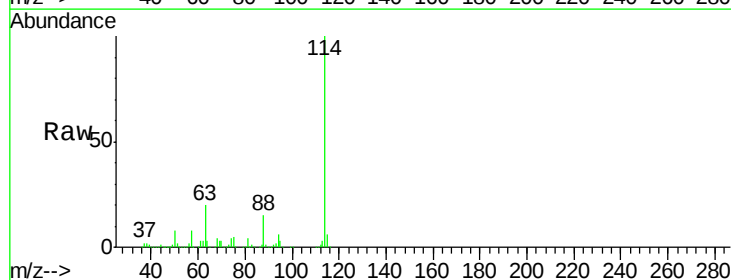
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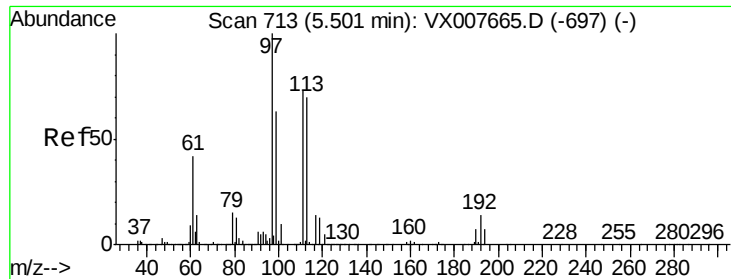
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007733.D
 Acq: 27 Feb 2019 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	445286		
63	20.0	0.0	35.6	
88	15.2	0.0	29.6	





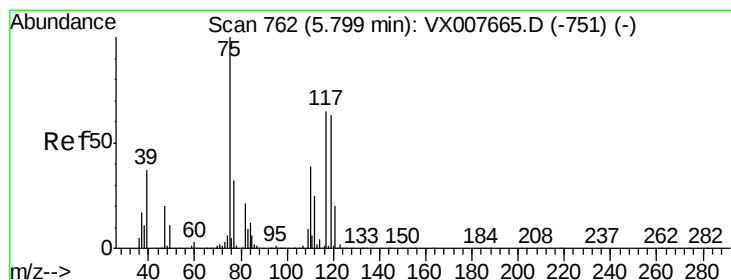
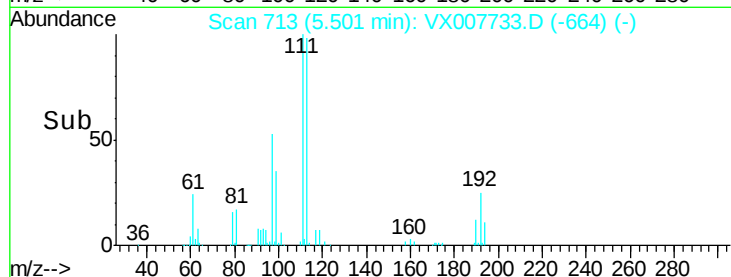
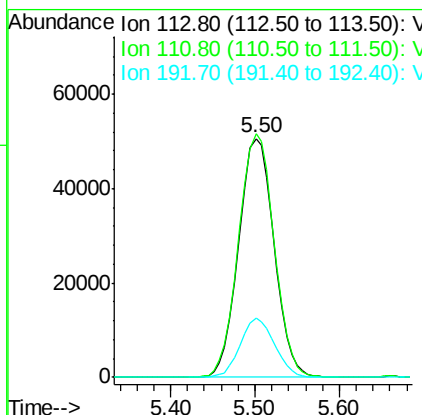
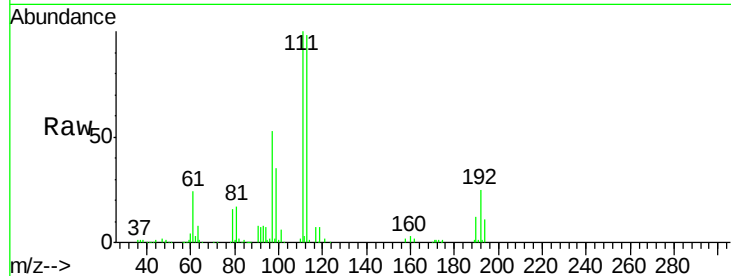
#35
 Dibromofluoromethane
 Concen: 48.529 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX007733.D
 Acq: 27 Feb 2019 14:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.8	122.8
192	24.1	18.5	27.7

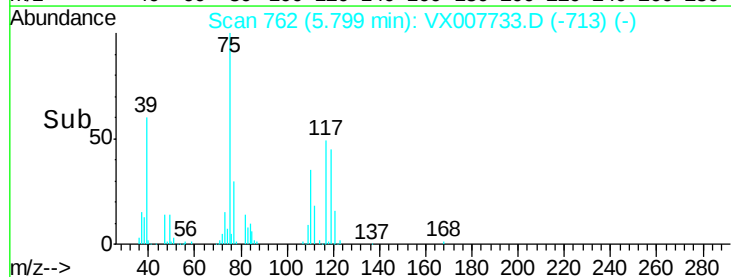
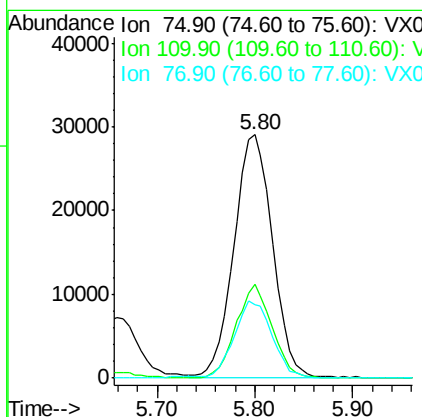
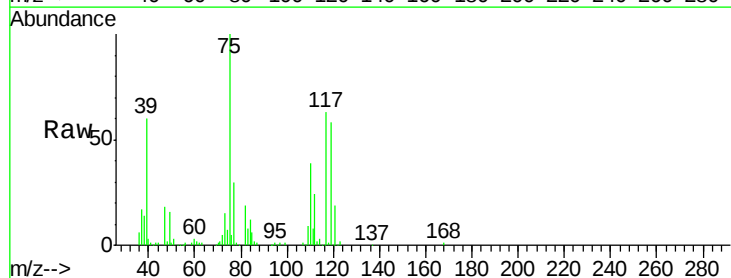
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#36
 1,1-Dichloropropene
 Concen: 19.753 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX007733.D
 Acq: 27 Feb 2019 14:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.3	20.0	59.9
77	31.8	24.7	37.1





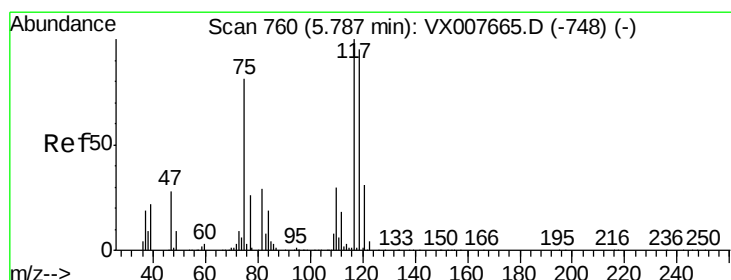
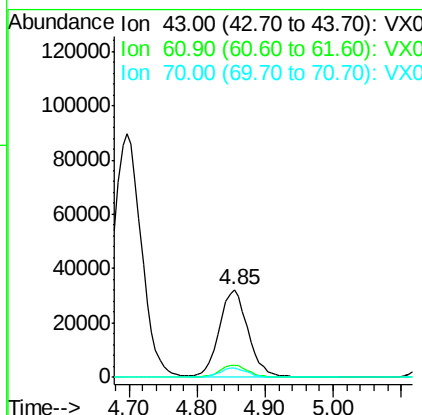
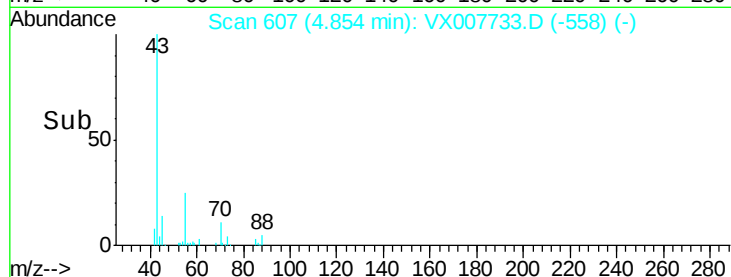
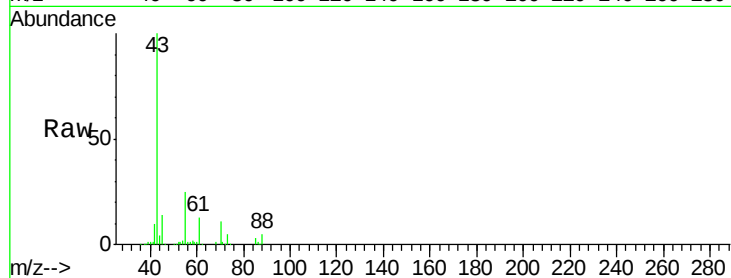
#37
Ethyl Acetate
Concen: 21.135 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007733.D
Acq: 27 Feb 2019 14:57

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.3	16.9
70	10.6	8.6	13.0

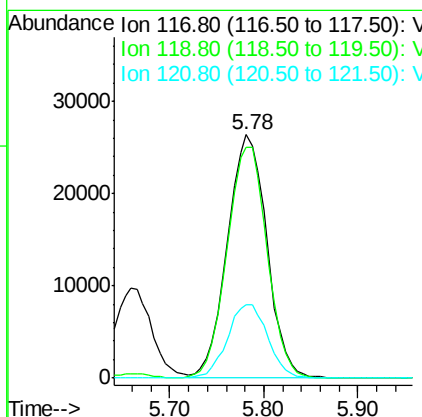
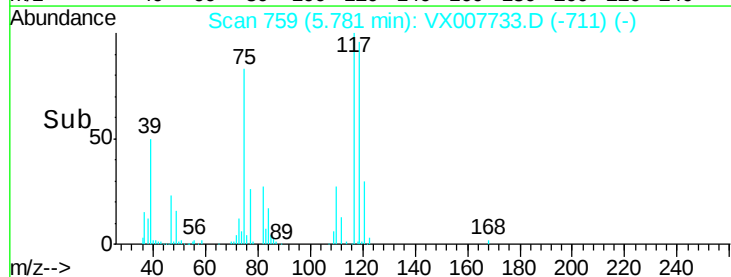
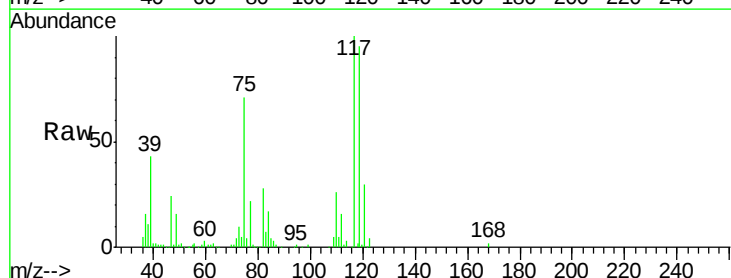
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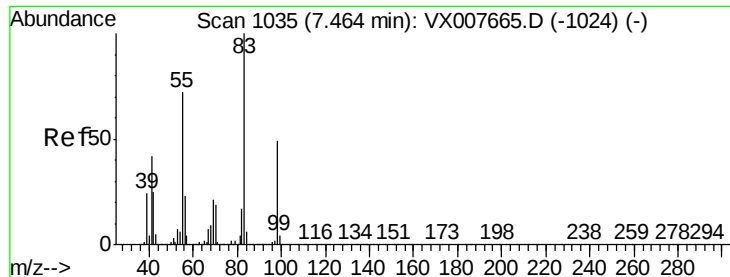
MMDadoda
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#38
Carbon Tetrachloride
Concen: 19.180 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX007733.D
Acq: 27 Feb 2019 14:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.3	112.9
121	30.2	25.0	37.4





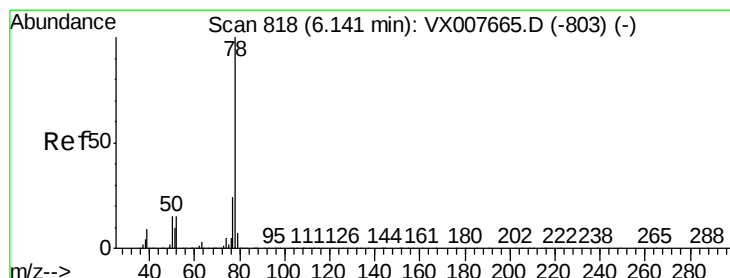
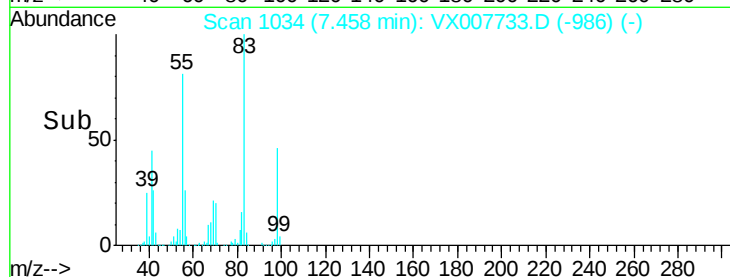
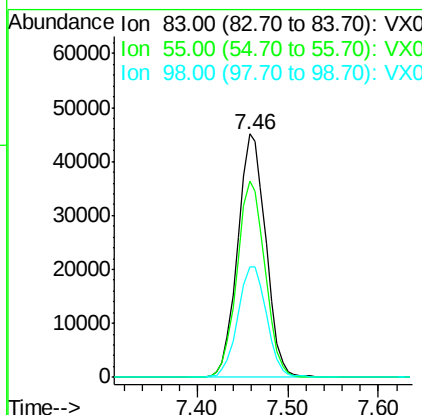
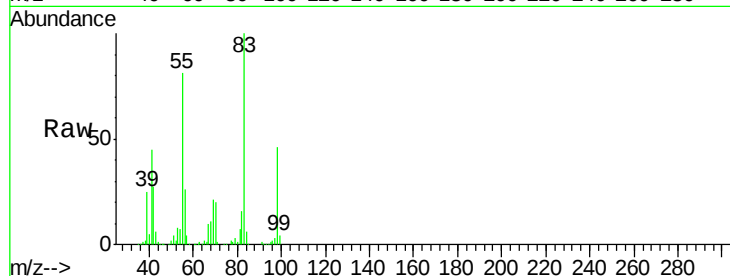
#39
Methvlcvclohexane
Concen: 19.150 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007733.D
Acq: 27 Feb 2019 14:57

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.7	56.2	84.2
98	45.6	36.8	55.2

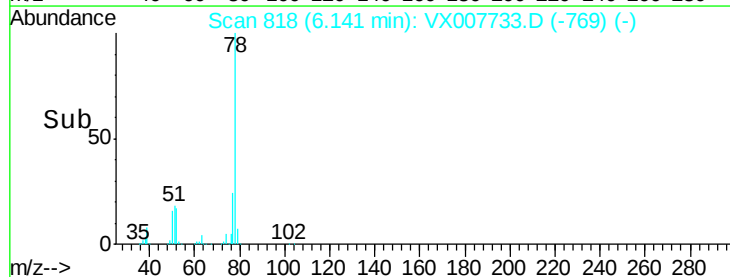
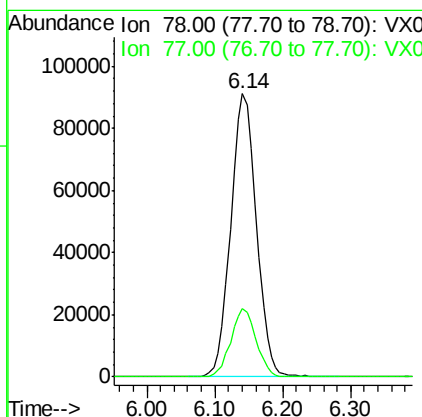
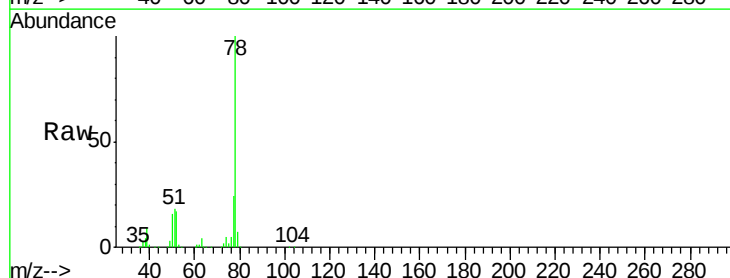
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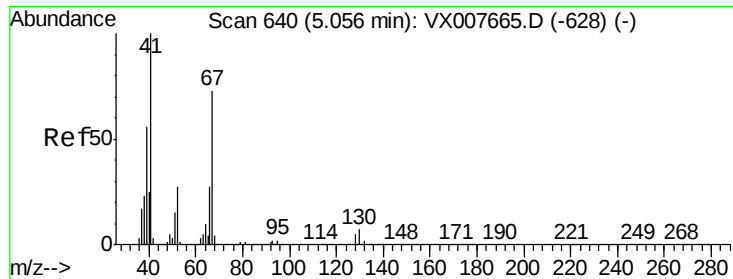
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#40
Benzene
Concen: 19.337 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007733.D
Acq: 27 Feb 2019 14:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.3	28.9





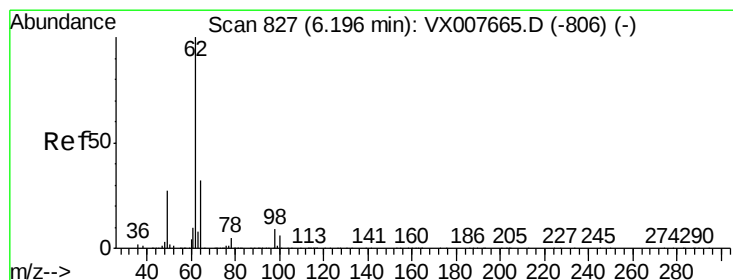
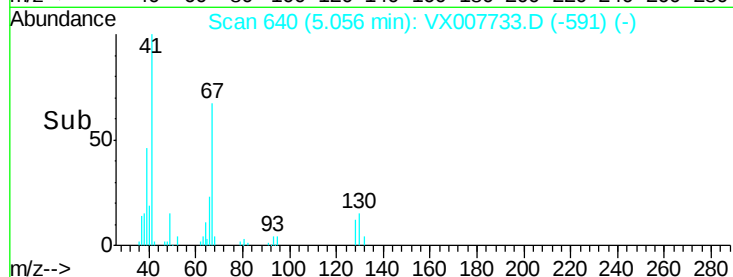
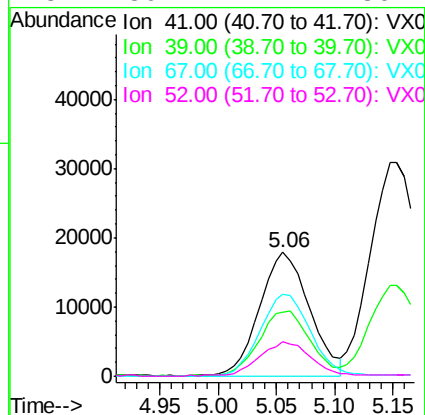
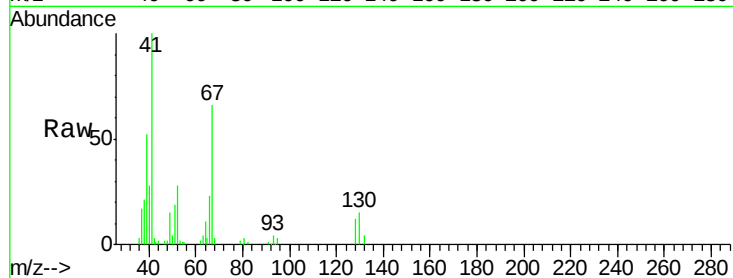
#41
Methacrylonitrile
Concen: 22.185 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.00 min
Lab File: VX007733.D
Acq: 27 Feb 2019 14:57

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.0	44.5	66.7	
67	67.7	60.4	90.6	
52	30.4	24.1	36.1	

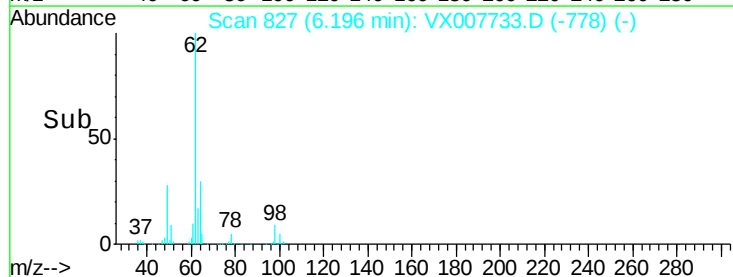
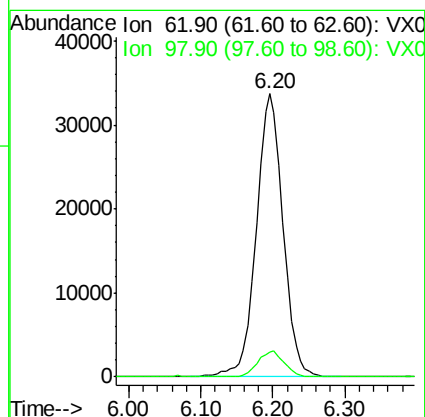
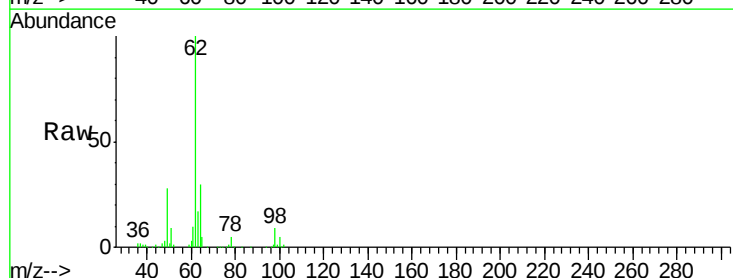
Manual Integrations
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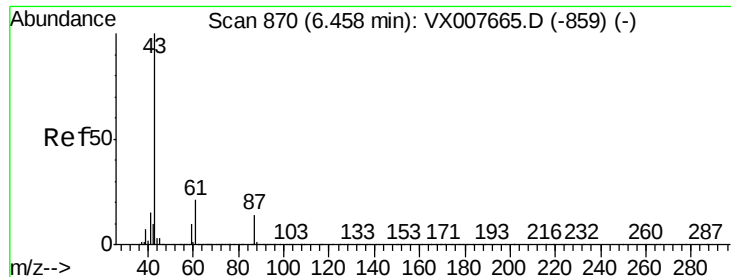
MMDadoda
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#42
1,2-Dichloroethane
Concen: 20.734 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007733.D
Acq: 27 Feb 2019 14:57

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.2	0.0	19.0	





#43

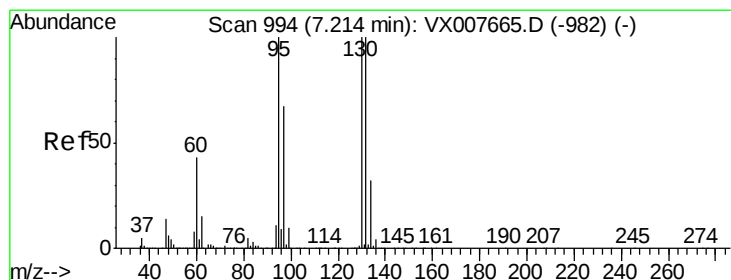
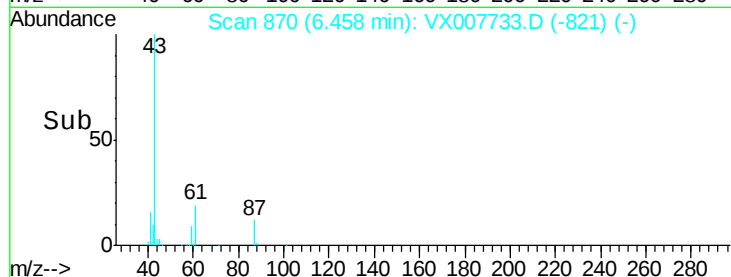
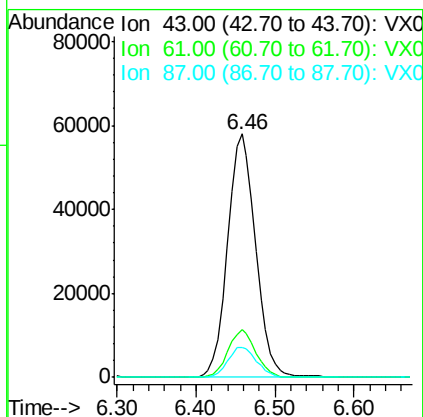
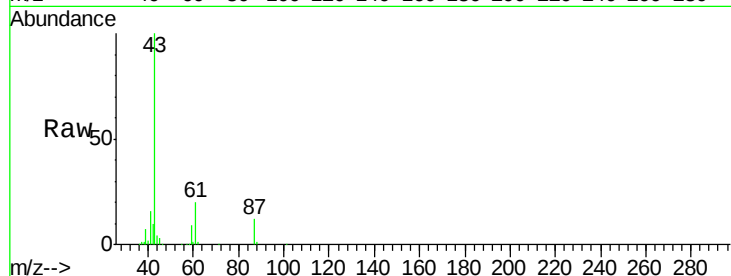
Isopropyl Acetate
 Concen: 20.845 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX007733.D
 Acq: 27 Feb 2019 14:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.6	16.1	24.1
87	12.7	11.5	17.3

Manual Integrations
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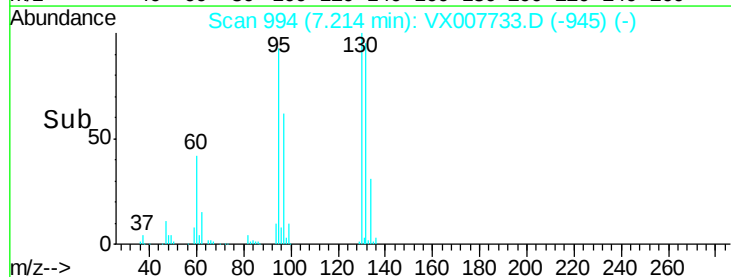
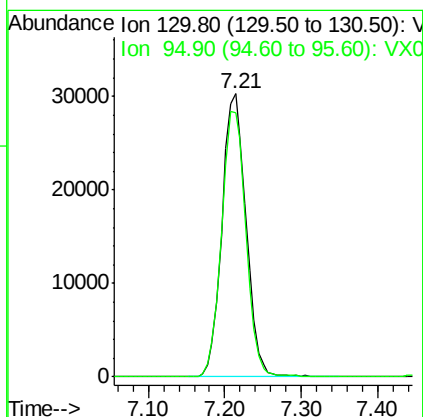
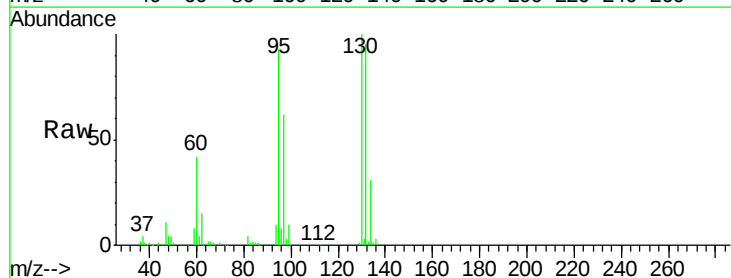
MMDadoda
 2/28/2019 12:22:42 PM

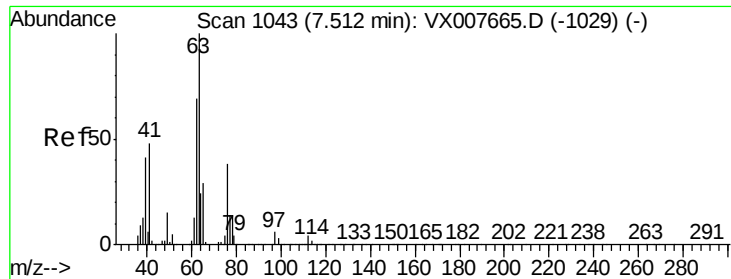


#44

Trichloroethene
 Concen: 19.383 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX007733.D
 Acq: 27 Feb 2019 14:57

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.2	0.0	180.0





#45

1,2-Dichloropropane

Concen: 19.921 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX007733.D

Acq: 27 Feb 2019 14:57

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

Tot Ion: 63 Resp: 63771

Ion Ratio Lower Upper

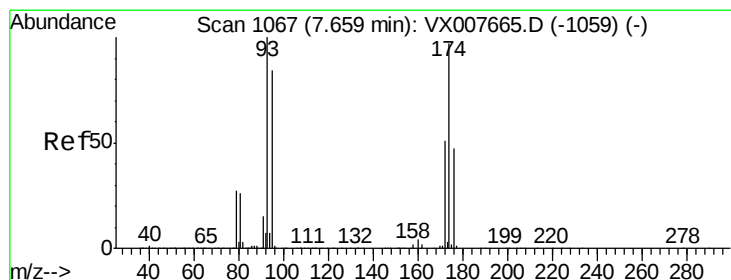
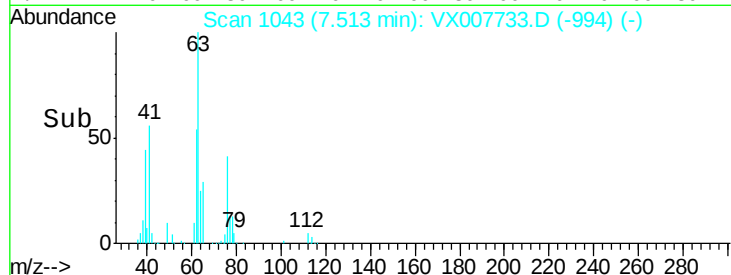
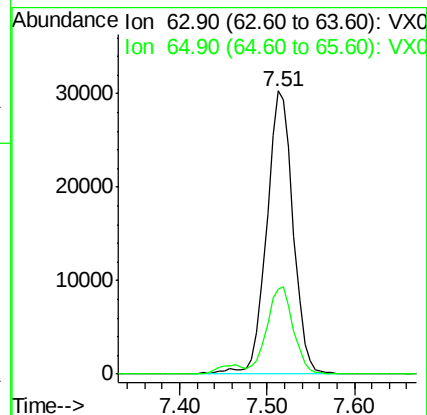
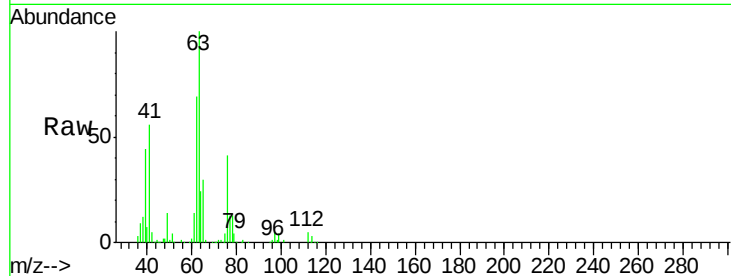
63 100

65 30.1 24.2 36.2

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#46

Dibromomethane

Concen: 18.403 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX007733.D

Acq: 27 Feb 2019 14:57

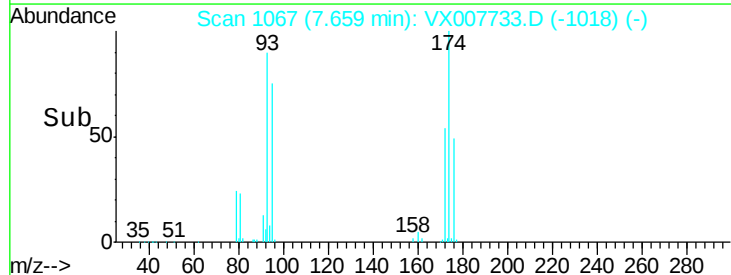
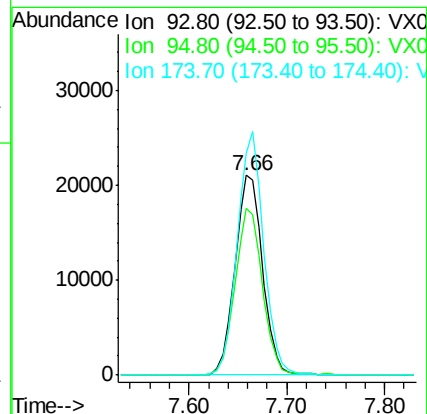
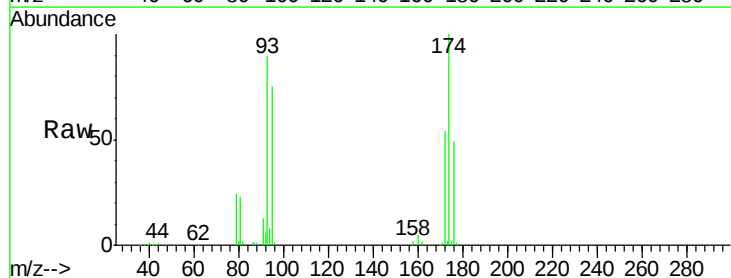
Tgt Ion: 93 Resp: 41099

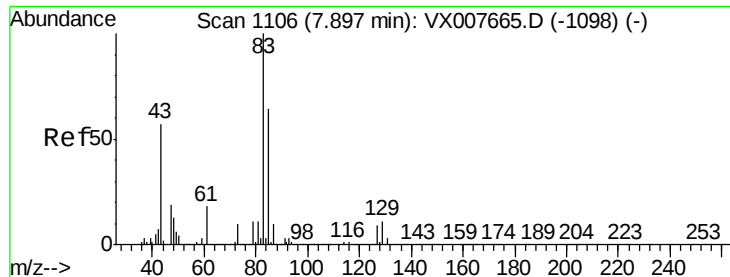
Ion Ratio Lower Upper

93 100

95 82.9 67.6 101.4

174 116.5 94.2 141.4





#47

Bromodichloromethane

Concen: 19.424 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007733.D

Acq: 27 Feb 2019 14:57

Instrument :

MSVOA_X

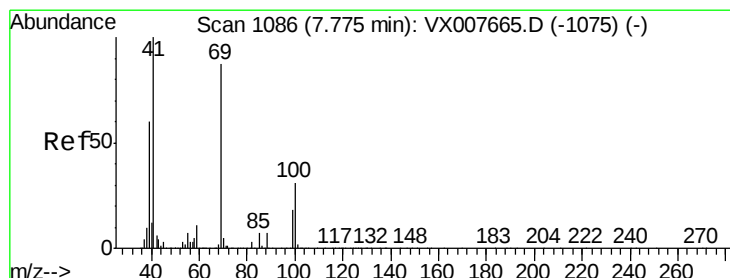
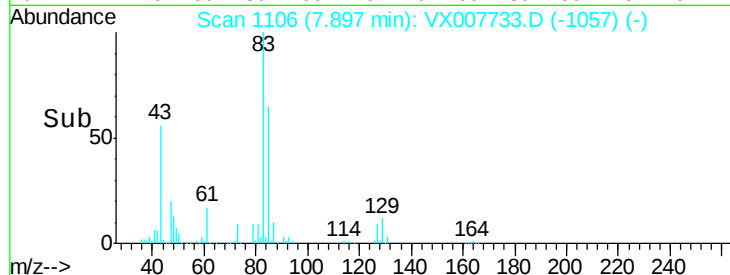
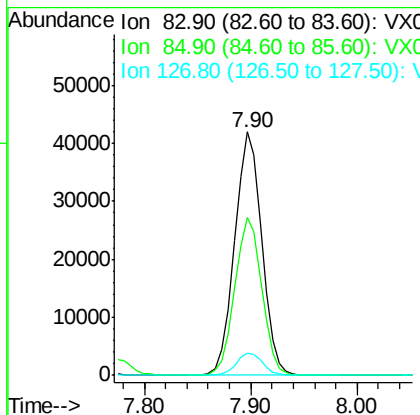
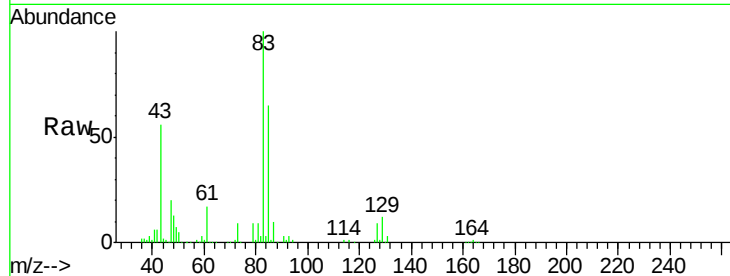
ClientSampleId :

VX0227WBS01

Tot Ion:	83	Resp:	75176
Ion Ratio	Lower	Upper	
83	100		
85	65.0	51.4	77.0
127	8.9	8.1	12.1

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#48

Methyl methacrylate

Concen: 21.518 ug/l

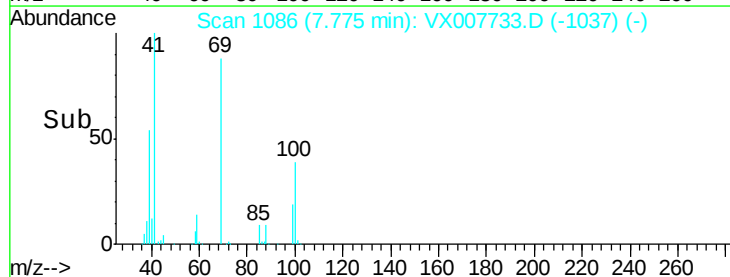
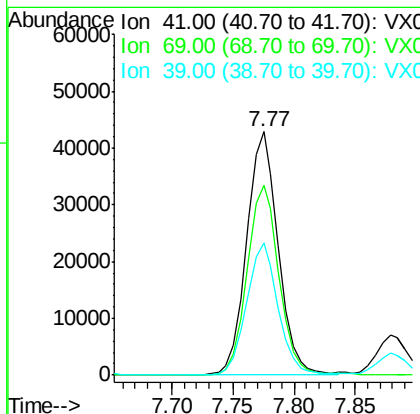
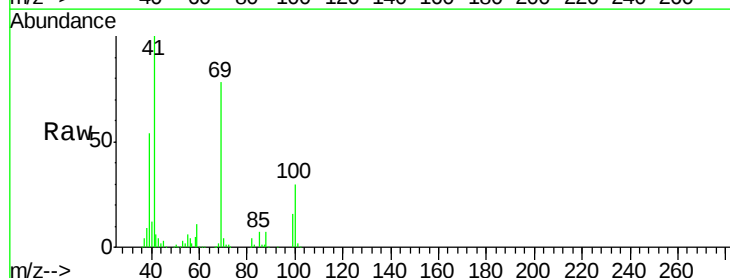
RT: 7.77 min Scan# 1086

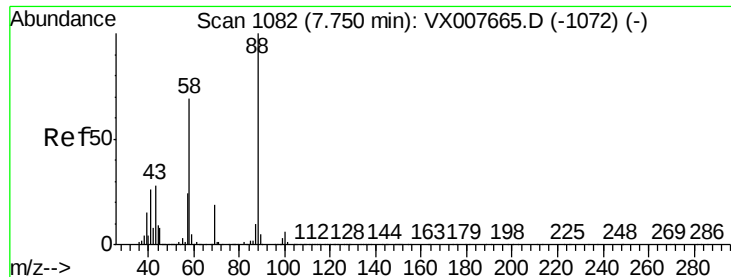
Delta R.T. 0.00 min

Lab File: VX007733.D

Acq: 27 Feb 2019 14:57

Tgt Ion:	41	Resp:	77198
Ion Ratio	Lower	Upper	
41	100		
69	79.0	70.2	105.4
39	54.6	47.4	71.0





#49

1,4-Dioxane

Concen: 385.889 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007733.D

Acq: 27 Feb 2019 14:57

Instrument :

MSVOA_X

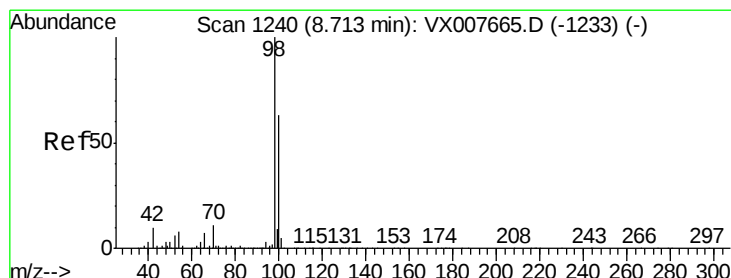
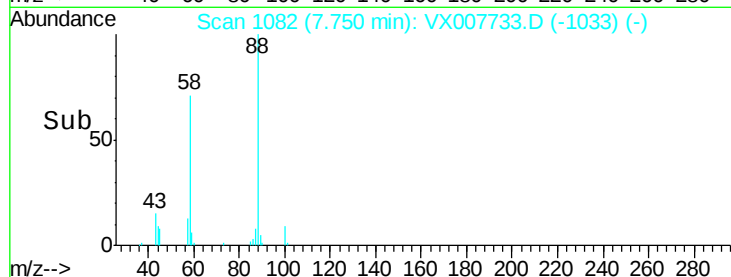
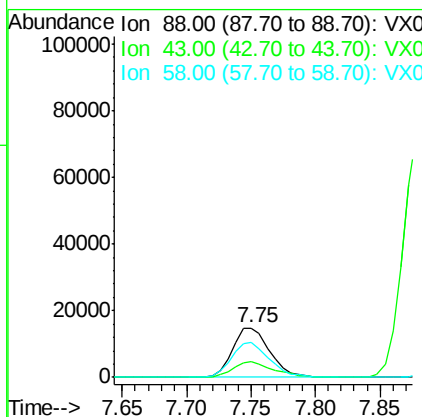
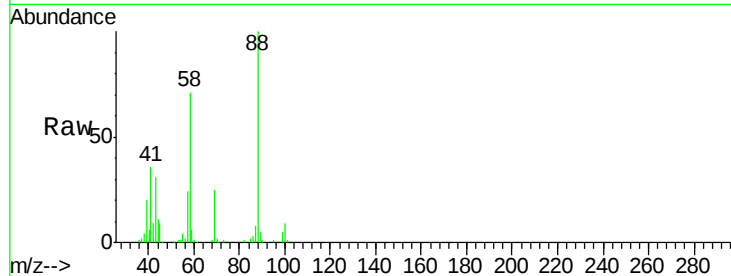
ClientSampleId :

VX0227WBS01

Tot Ion:	88	Resp:	29901
Ion Ratio	Lower	Upper	
88	100		
43	33.5	24.2	36.4
58	72.2	53.0	79.4

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#50

Toluene-d8

Concen: 48.501 ug/l

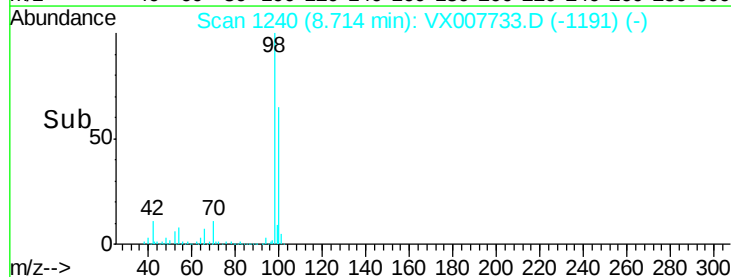
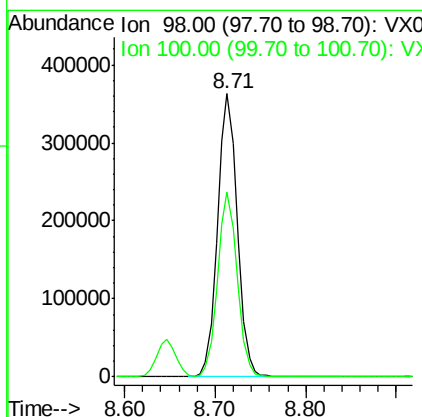
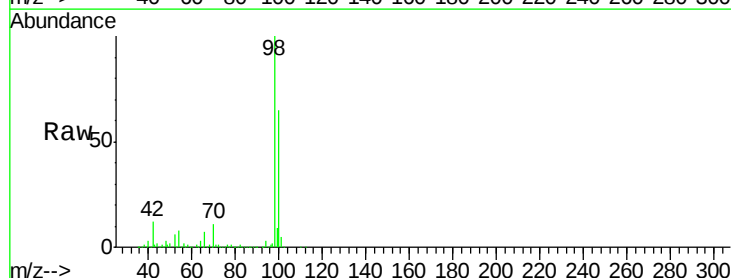
RT: 8.71 min Scan# 1240

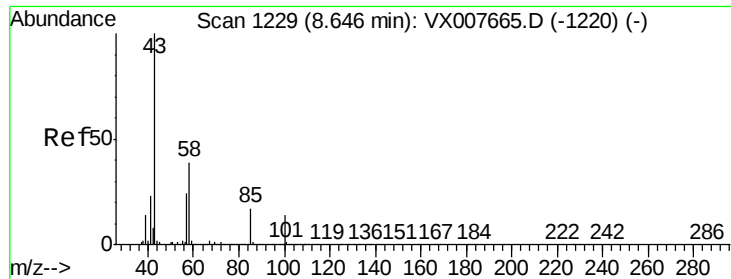
Delta R.T. 0.00 min

Lab File: VX007733.D

Acq: 27 Feb 2019 14:57

Tgt Ion:	98	Resp:	552700
Ion Ratio	Lower	Upper	
98	100		
100	64.7	51.6	77.4





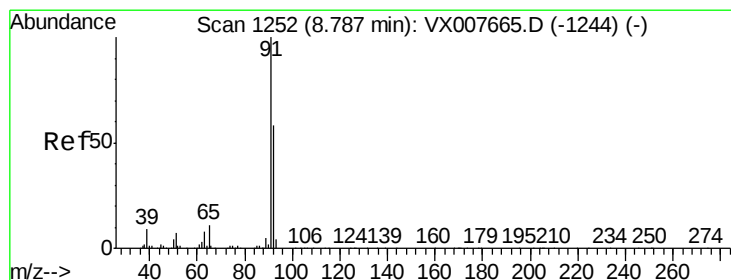
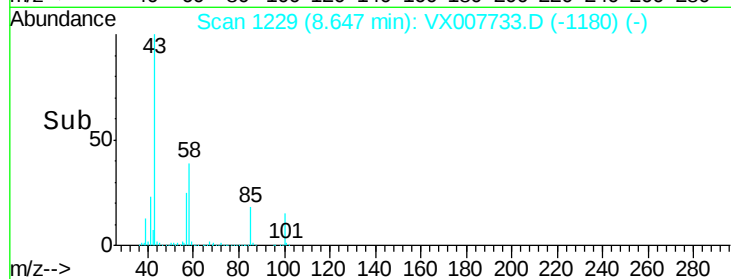
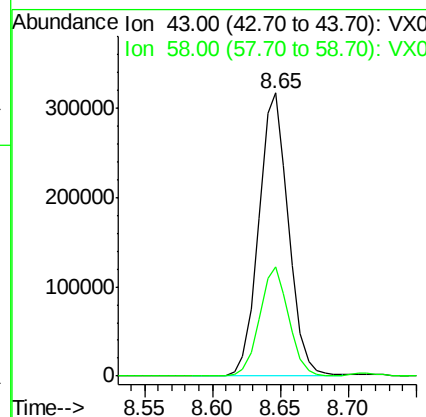
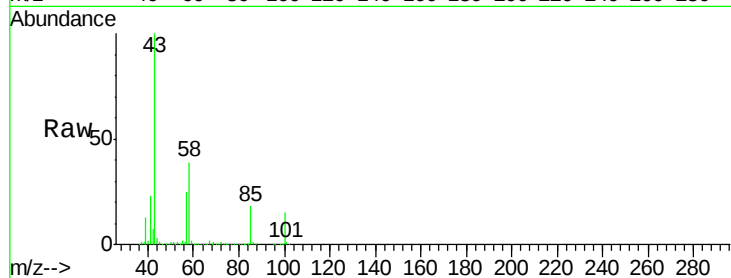
#51
4-Methyl-2-Pentanone
Concen: 105.883 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX007733.D
Acq: 27 Feb 2019 14:57

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.1	31.2	46.8

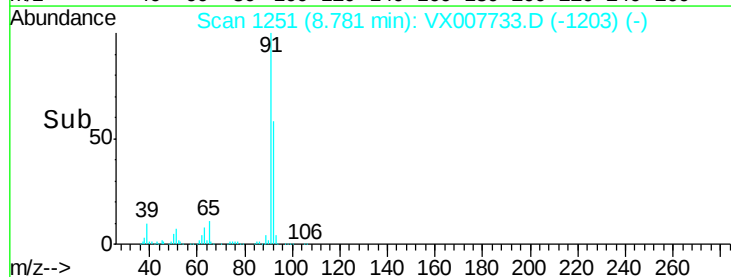
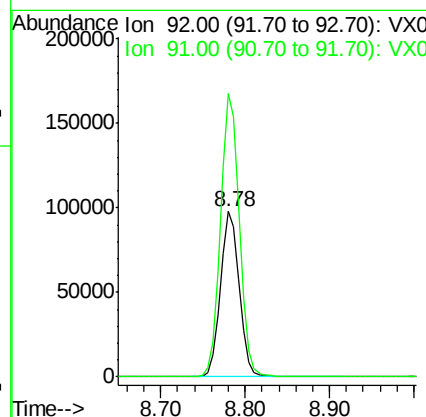
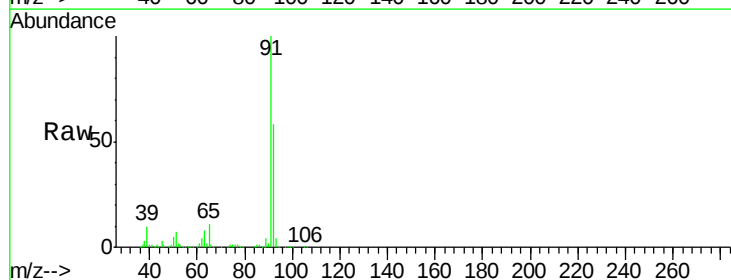
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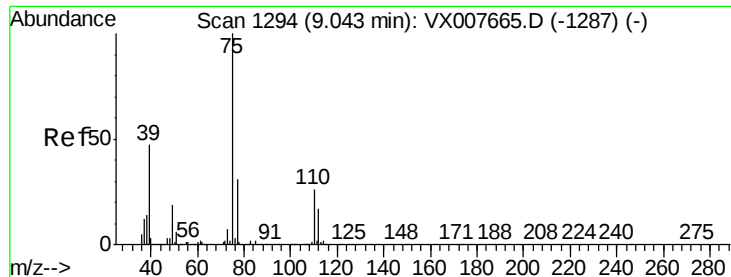
MMDadoda
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#52
Toluene
Concen: 19.448 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX007733.D
Acq: 27 Feb 2019 14:57

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.1	139.1	208.7





#53

t-1,3-Dichloropropene

Concen: 18.574 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007733.D

Acq: 27 Feb 2019 14:57

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

Tot Ion: 75 Resp: 80389

Ion Ratio Lower Upper

75 100

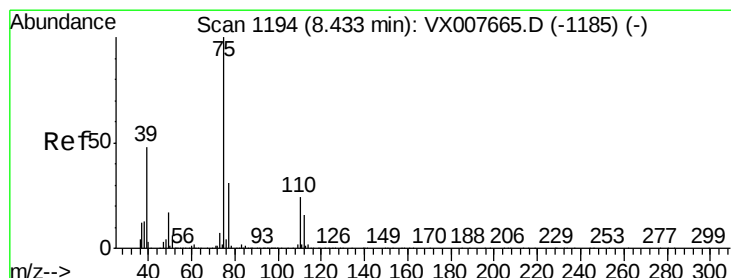
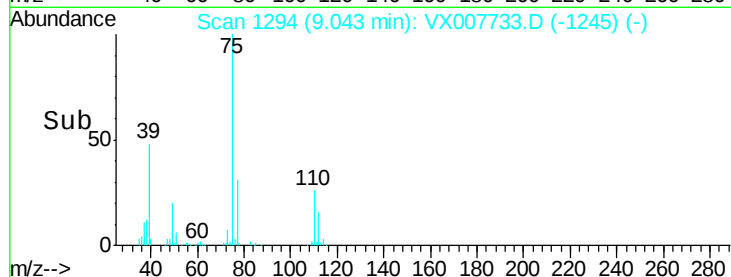
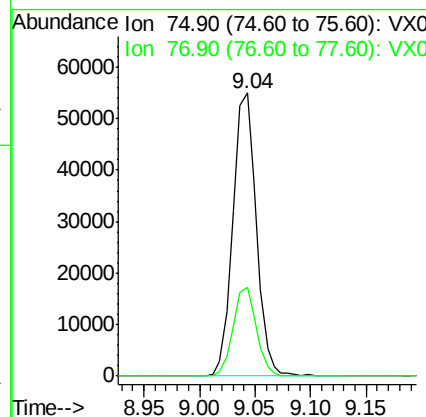
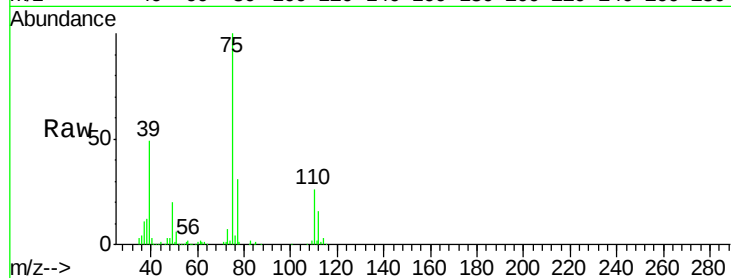
77 31.4 25.2 37.8

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#54

cis-1,3-Dichloropropene

Concen: 19.270 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007733.D

Acq: 27 Feb 2019 14:57

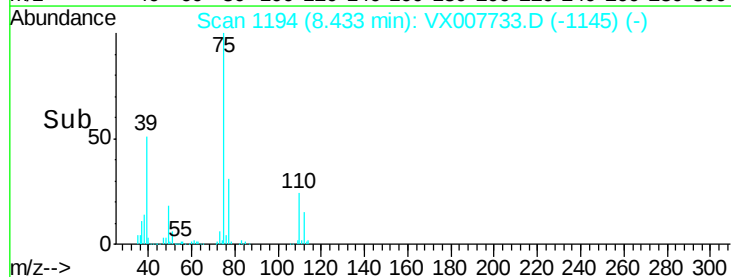
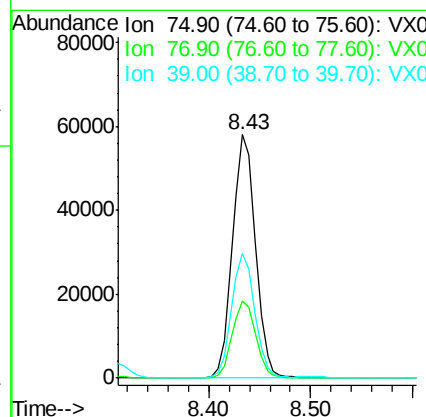
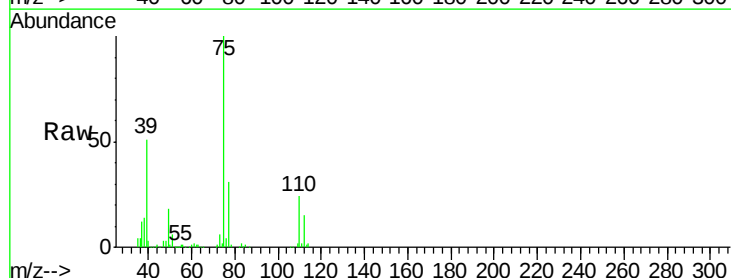
Tgt Ion: 75 Resp: 90502

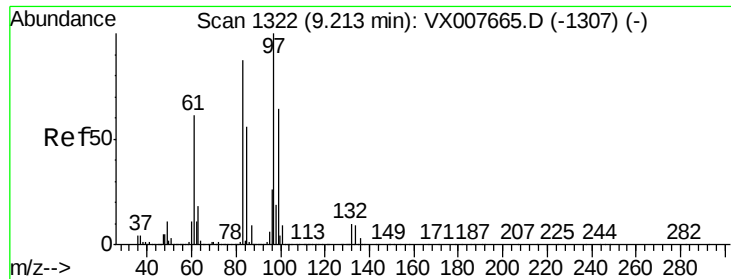
Ion Ratio Lower Upper

75 100

77 31.5 26.2 39.4

39 51.2 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 18.889 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX007733.D

Acq: 27 Feb 2019 14:57

Instrument :

MSVOA_X

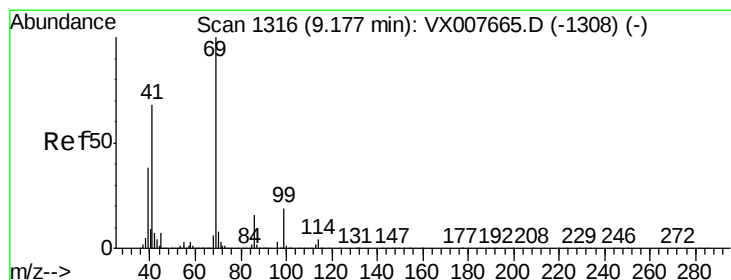
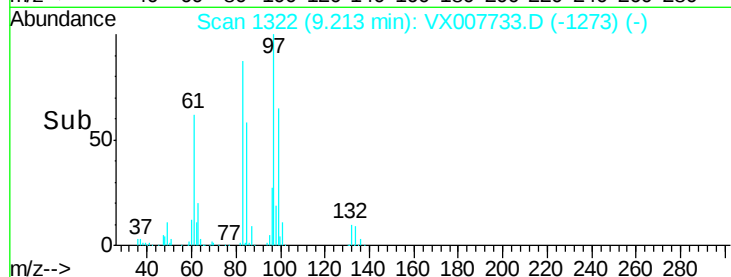
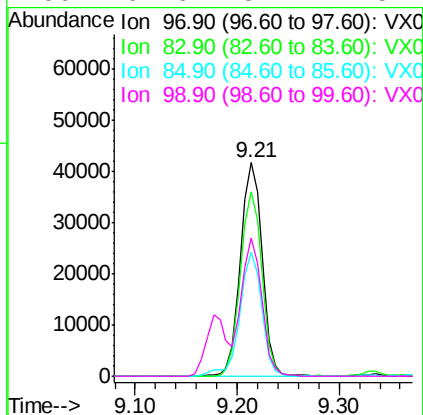
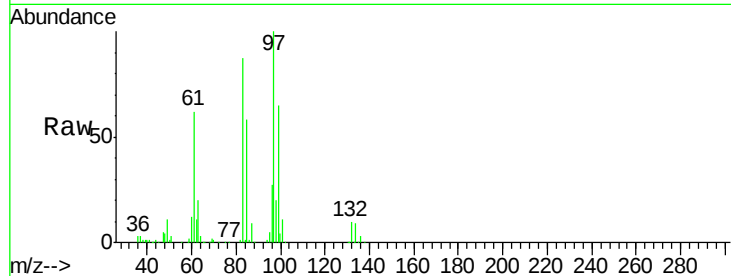
ClientSampleId :

VX0227WBS01

Tot Ion:	97	Resp:	61381
Ion	Ratio	Lower	Upper
97	100		
83	86.6	68.6	102.8
85	58.2	44.5	66.7
99	64.6	52.2	78.4

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#56

Ethyl methacrylate

Concen: 19.708 ug/l

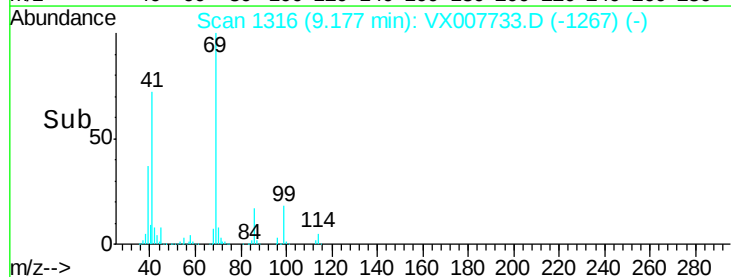
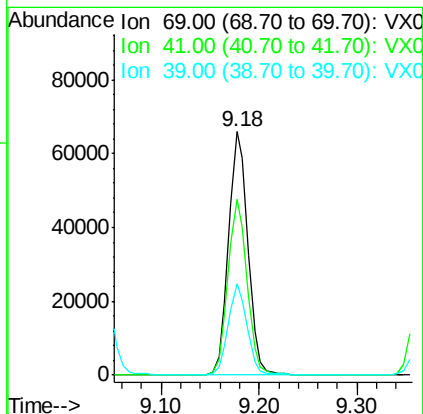
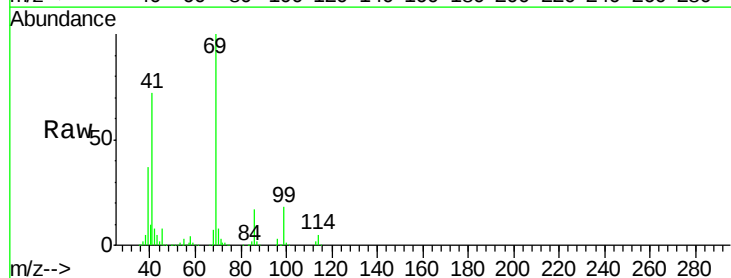
RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX007733.D

Acq: 27 Feb 2019 14:57

Tgt Ion:	69	Resp:	91073
Ion	Ratio	Lower	Upper
69	100		
41	71.4	52.1	78.1
39	36.2	30.1	45.1





#57

1,3-Dichloropropane

Concen: 19.577 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007733.D

Acq: 27 Feb 2019 14:57

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

Tot Ion: 76 Resp: 101835

Ion Ratio Lower Upper

76 100

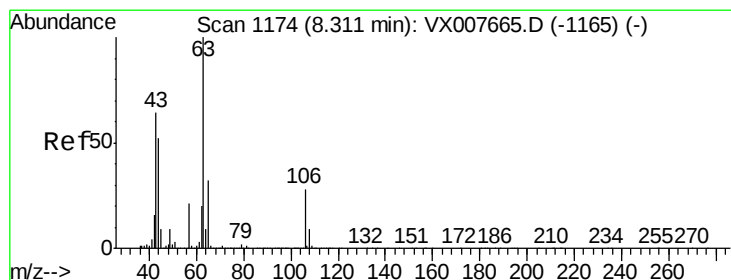
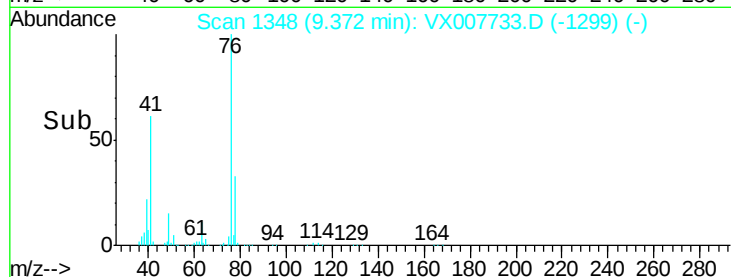
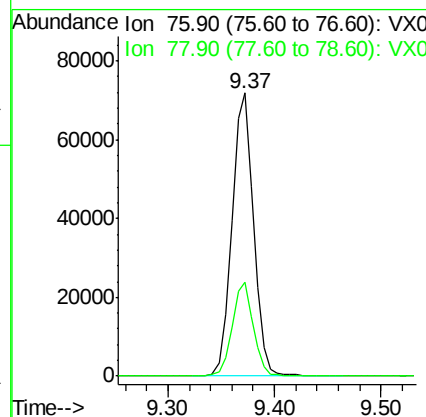
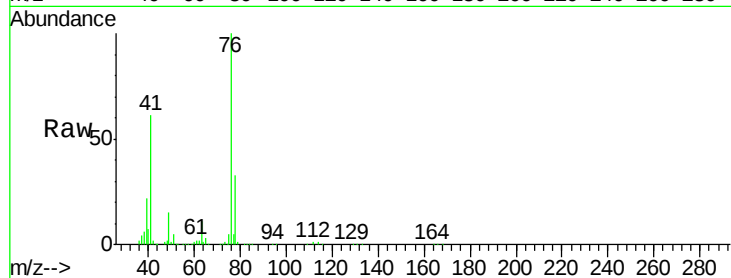
78 32.4 25.8 38.8

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 97.931 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007733.D

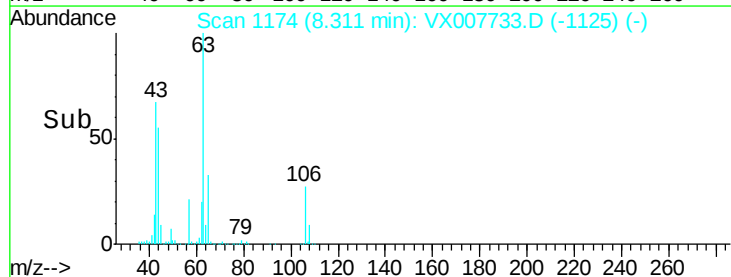
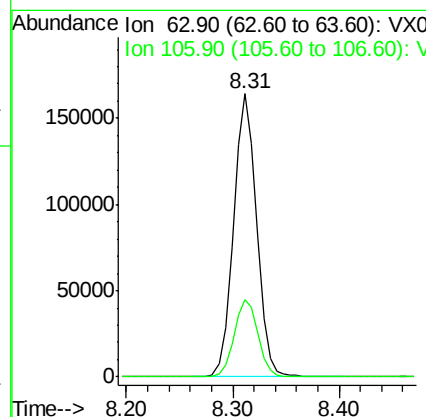
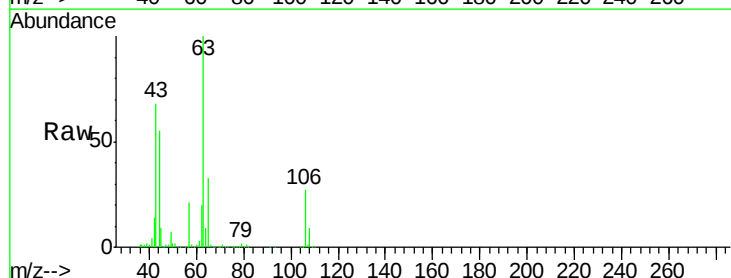
Acq: 27 Feb 2019 14:57

Tgt Ion: 63 Resp: 249560

Ion Ratio Lower Upper

63 100

106 28.1 23.6 35.4





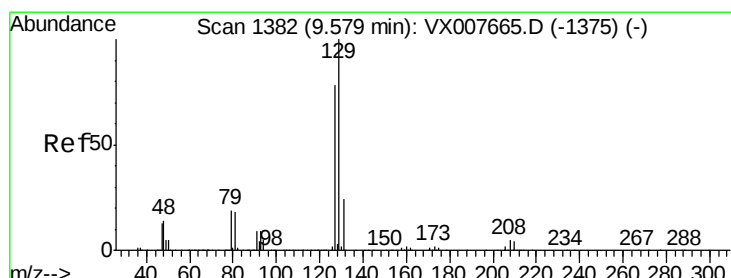
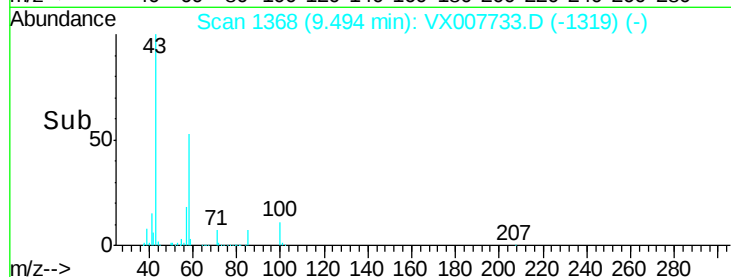
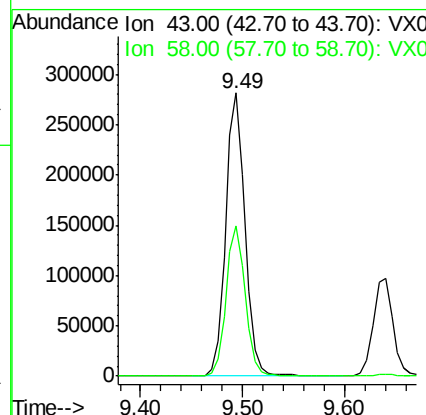
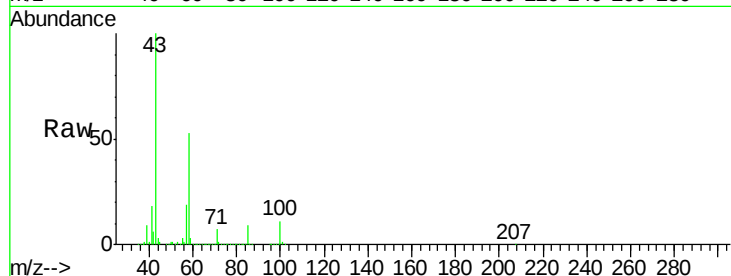
#59
2-Hexanone
Concen: 103.148 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007733.D
Acq: 27 Feb 2019 14:57

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tot Ion: 43 Resp: 370999
Ion Ratio Lower Upper
43 100
58 52.9 27.1 81.3

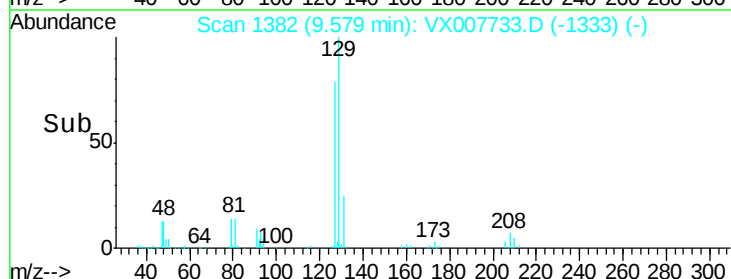
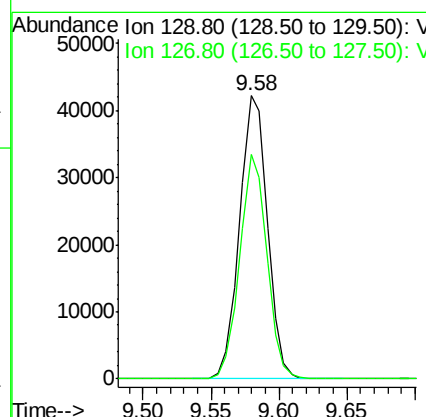
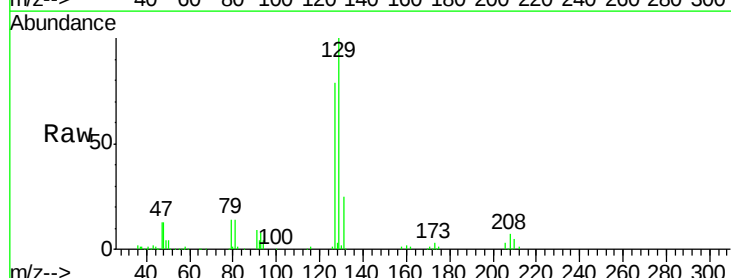
Manual Integrations
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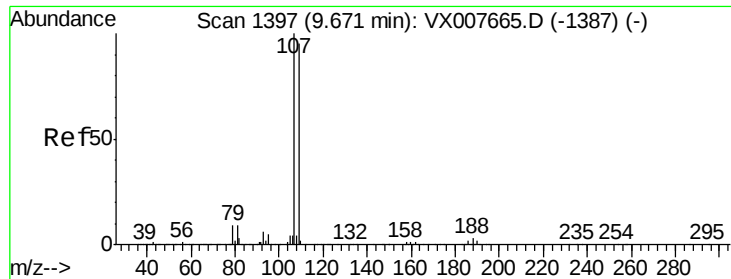
MMDadoda
2/28/2019 12:22:42 PM



#60
Dibromochloromethane
Concen: 19.311 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX007733.D
Acq: 27 Feb 2019 14:57

Tgt Ion: 129 Resp: 60384
Ion Ratio Lower Upper
129 100
127 77.2 37.8 113.4





#61

1,2-Dibromoethane

Concen: 19.176 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007733.D

Acq: 27 Feb 2019 14:57

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

Tot Ion:107 Resp: 64698

Ion Ratio Lower Upper

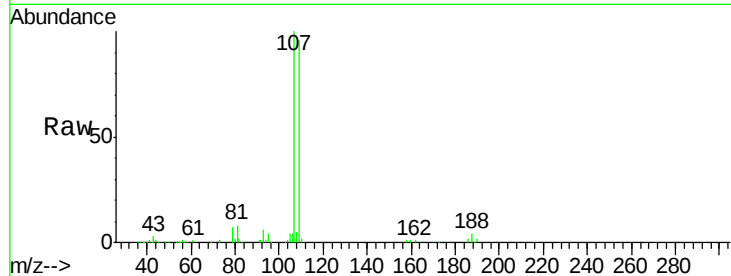
107 100

109 94.6 75.1 112.7

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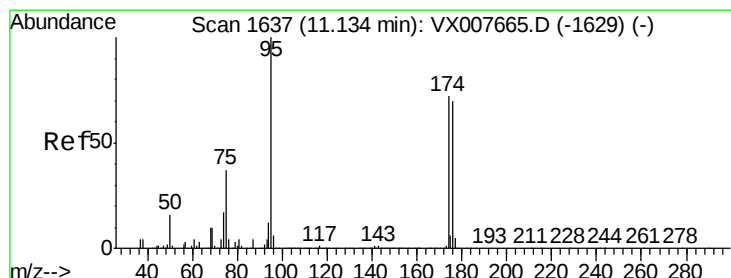
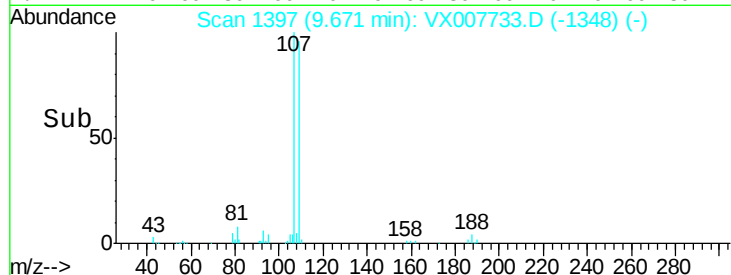
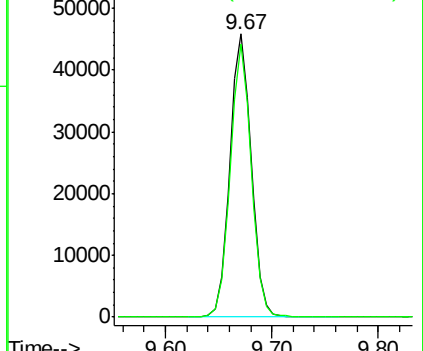
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.481 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007733.D

Acq: 27 Feb 2019 14:57

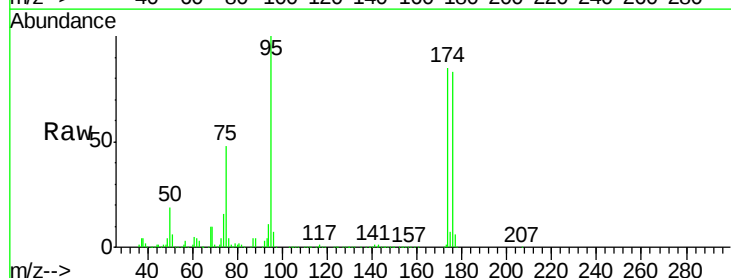
Tgt Ion: 95 Resp: 198591

Ion Ratio Lower Upper

95 100

174 91.6 0.0 189.2

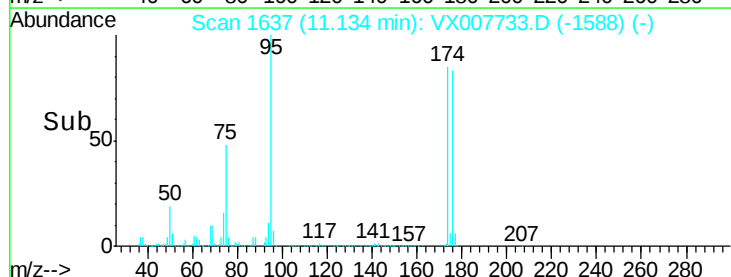
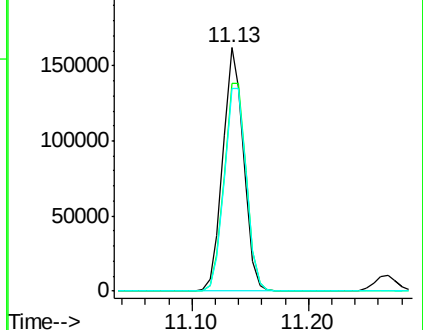
176 89.5 0.0 186.2

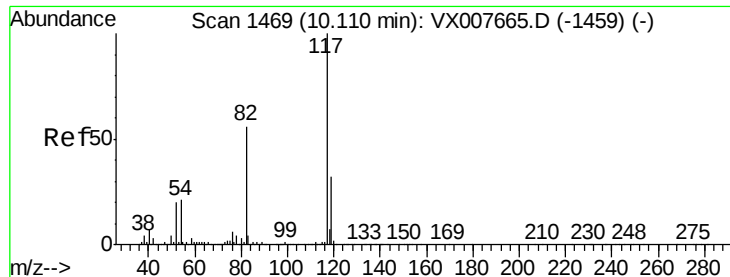


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





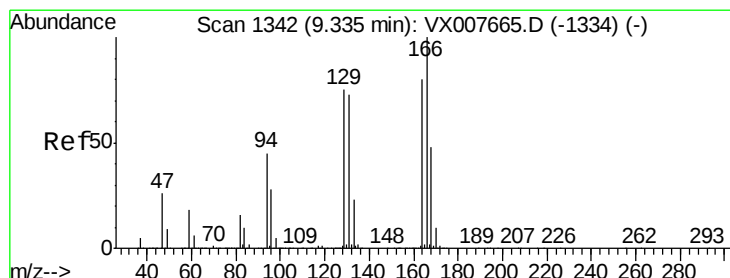
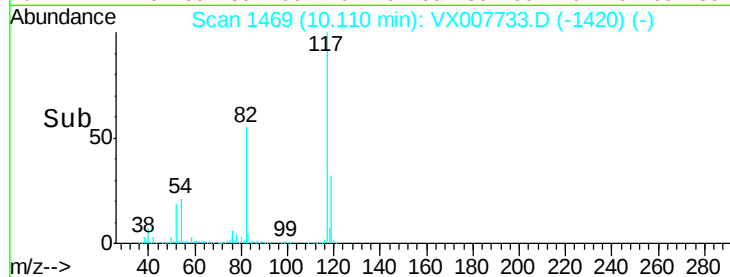
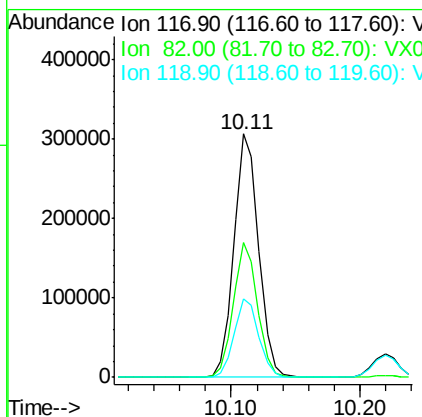
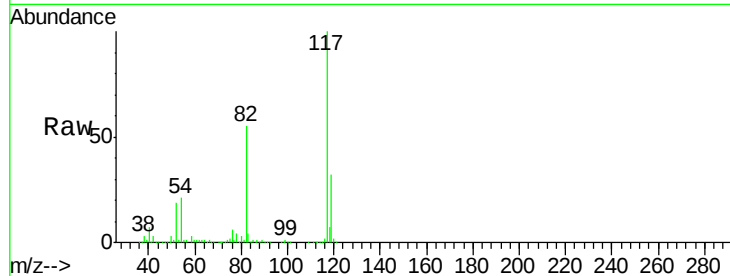
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007733.D
Acq: 27 Feb 2019 14:57

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	408561		
82	55.2	42.1	63.1	
119	32.0	26.5	39.7	

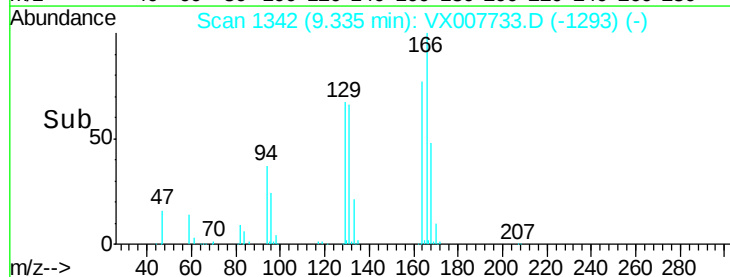
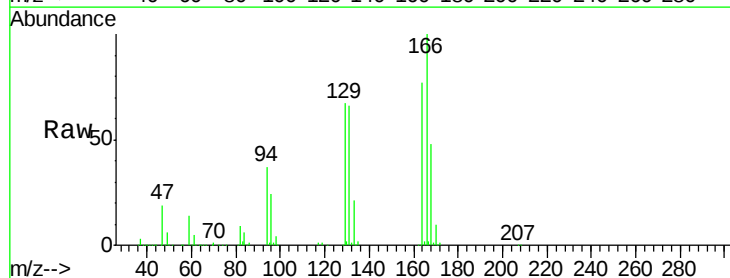
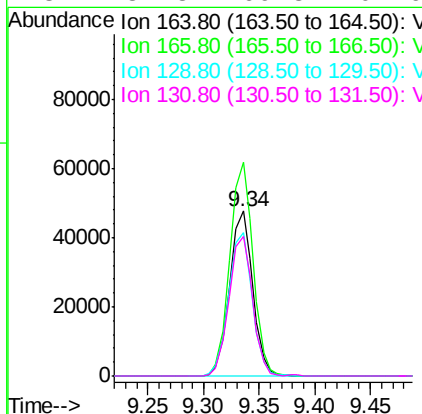
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#64
Tetrachloroethene
Concen: 20.637 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007733.D
Acq: 27 Feb 2019 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	68449		
166	129.5	101.0	151.4	
129	86.6	70.5	105.7	
131	84.8	69.8	104.6	





#65

Chlorobenzene

Concen: 18.817 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX007733.D

Acq: 27 Feb 2019 14:57

Instrument :

MSVOA_X

ClientSampled :

VX0227WBS01

Tot Ion:112 Resp: 166278

Ion Ratio Lower Upper

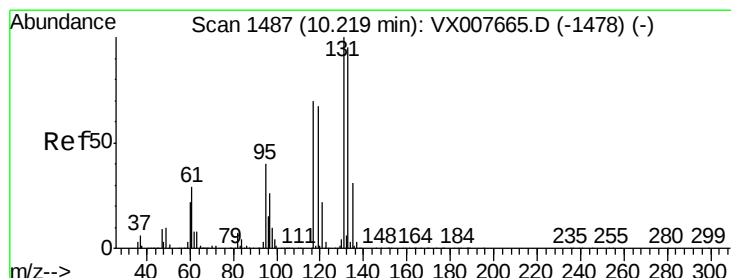
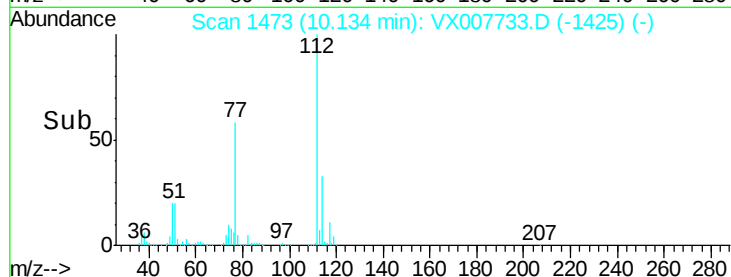
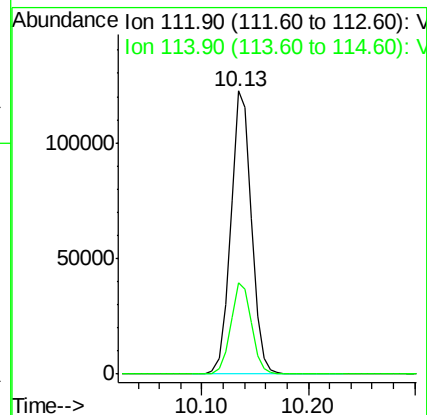
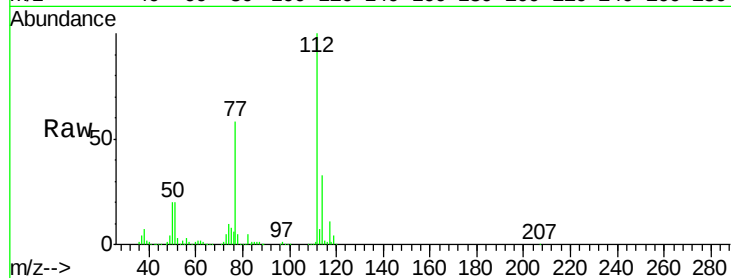
112 100

114 32.5 25.8 38.6

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 19.149 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007733.D

Acq: 27 Feb 2019 14:57

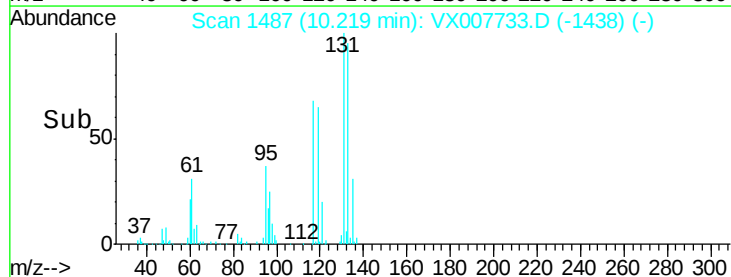
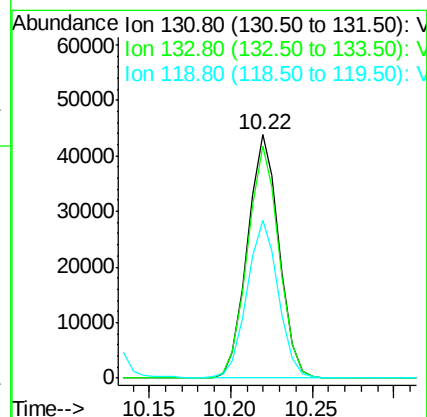
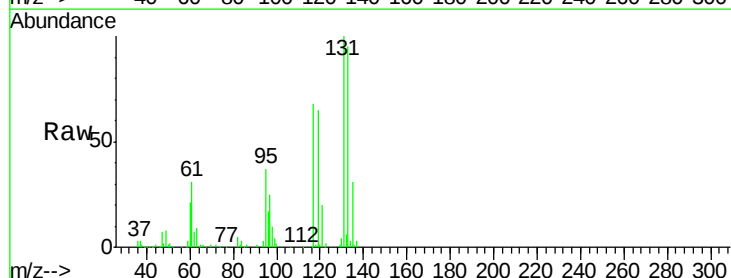
Tgt Ion:131 Resp: 59022

Ion Ratio Lower Upper

131 100

133 95.5 48.0 144.2

119 64.6 32.0 96.0





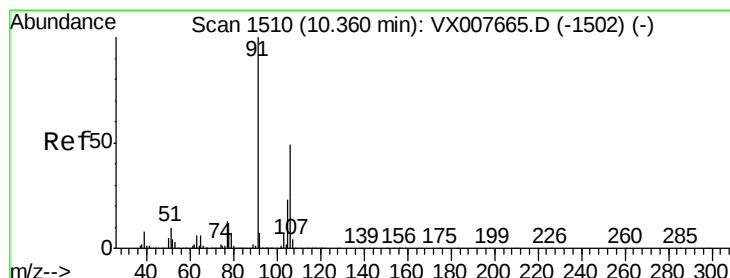
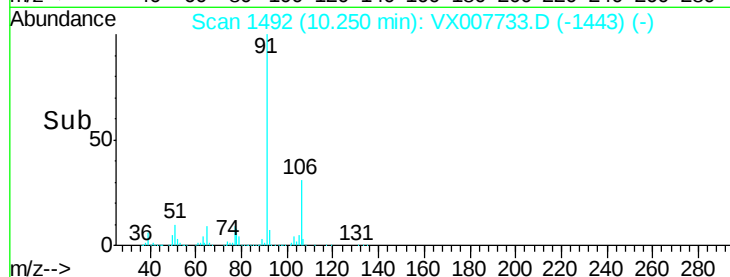
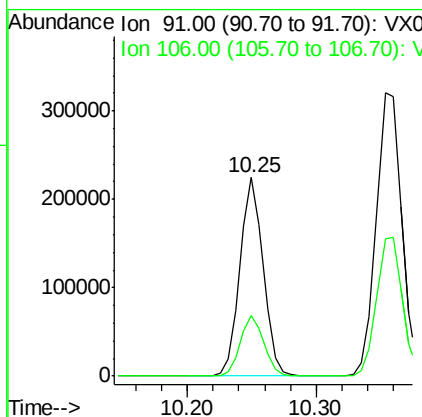
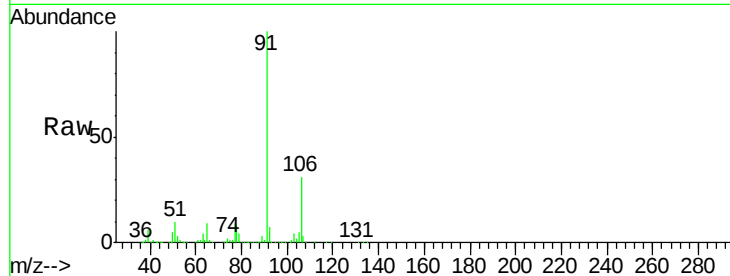
#67
Ethyl Benzene
Concen: 19.197 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX007733.D
Acq: 27 Feb 2019 14:57

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tot Ion: 91 Resp: 281002
Ion Ratio Lower Upper
91 100
106 30.8 25.4 38.0

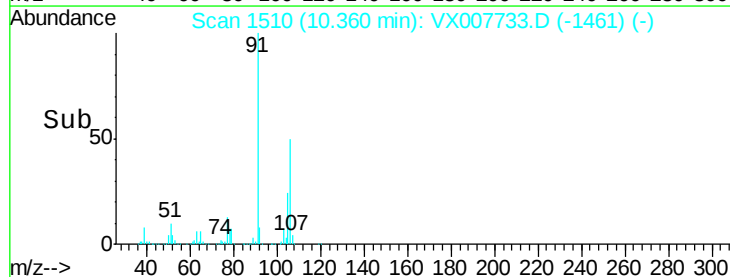
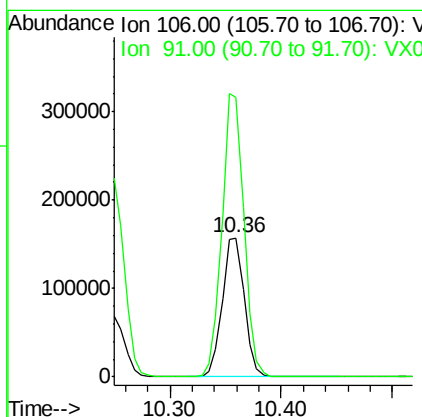
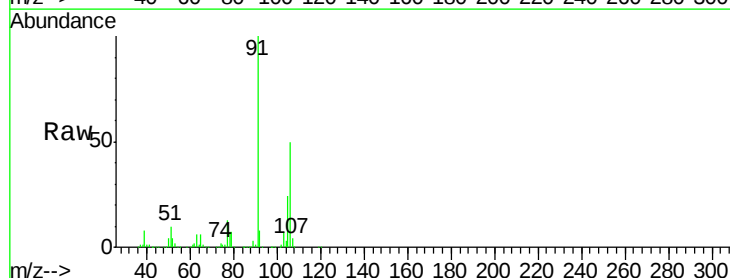
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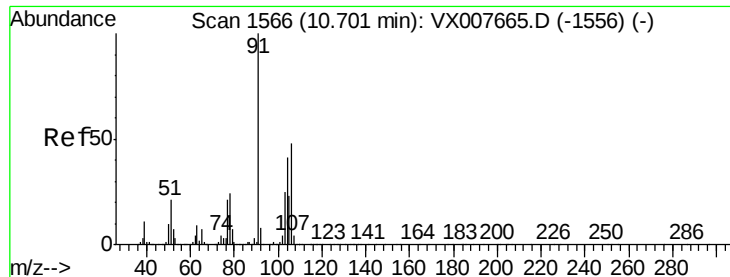
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#68
m/p-Xylenes
Concen: 37.867 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007733.D
Acq: 27 Feb 2019 14:57

Tgt Ion: 106 Resp: 215637
Ion Ratio Lower Upper
106 100
91 202.6 156.6 234.8





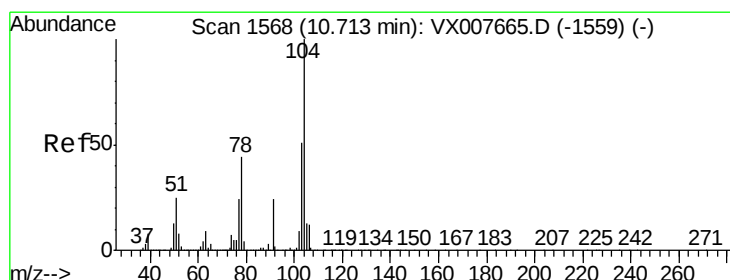
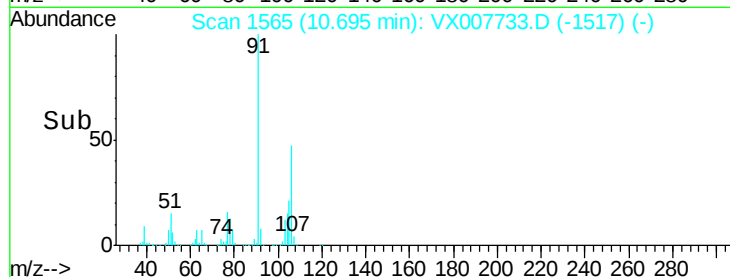
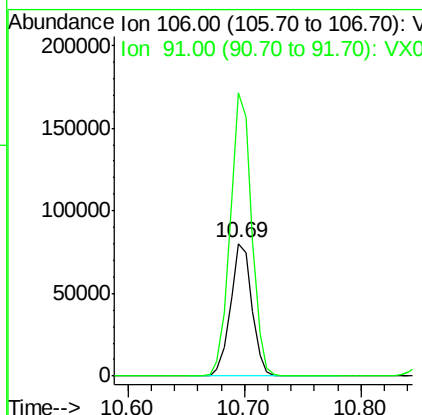
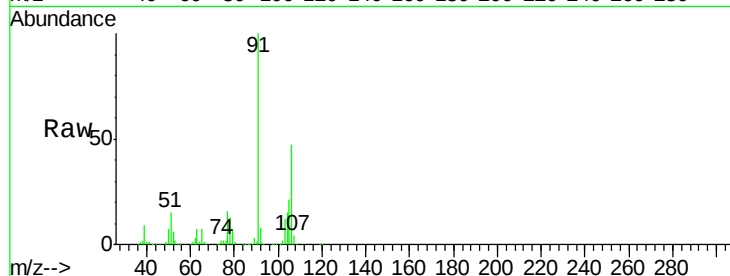
#69
o-Xylene
Concen: 18.750 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007733.D
Acq: 27 Feb 2019 14:57

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	102702		
91	214.1	102.9	308.7	

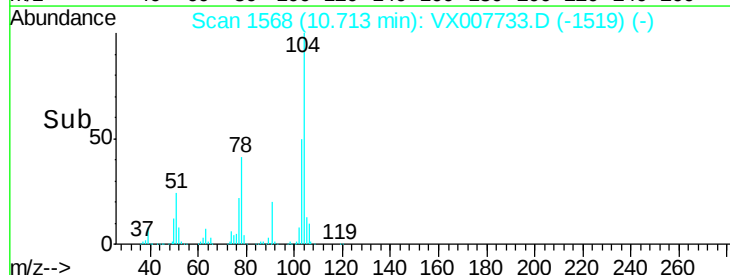
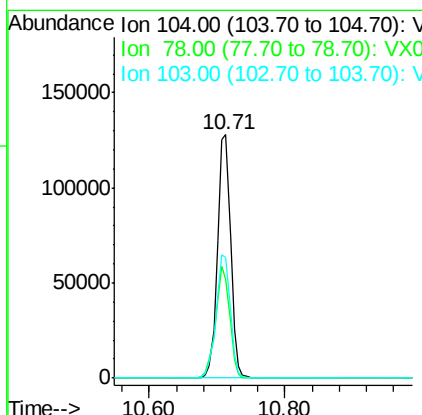
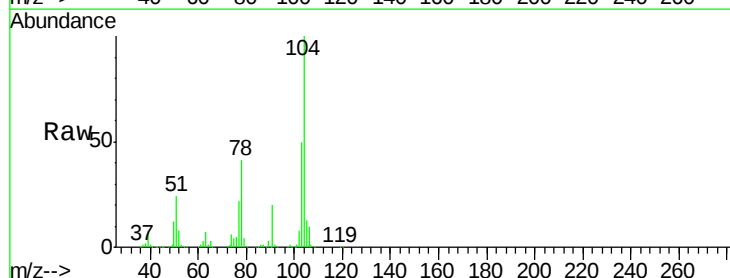
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#70
Styrene
Concen: 19.134 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007733.D
Acq: 27 Feb 2019 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	172275		
78	49.1	38.3	57.5	
103	54.9	44.6	67.0	





#71

Bromoform

Concen: 20.051 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007733.D

Acq: 27 Feb 2019 14:57

Instrument :

MSVOA_X

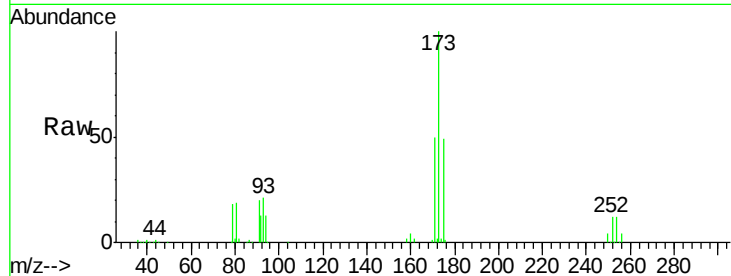
ClientSampleId :

VX0227WBS01

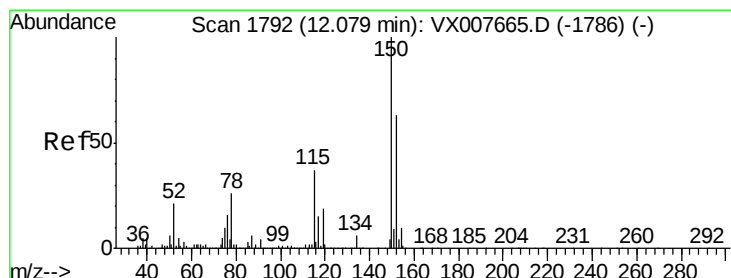
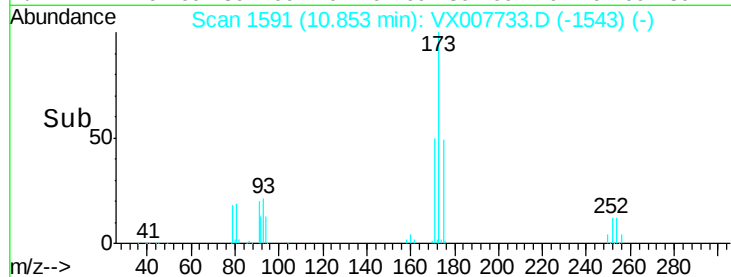
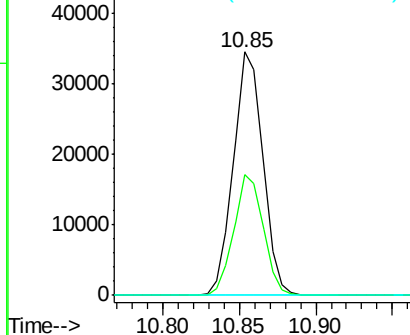
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.2	72.6
254	0.1	0.2	0.2

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

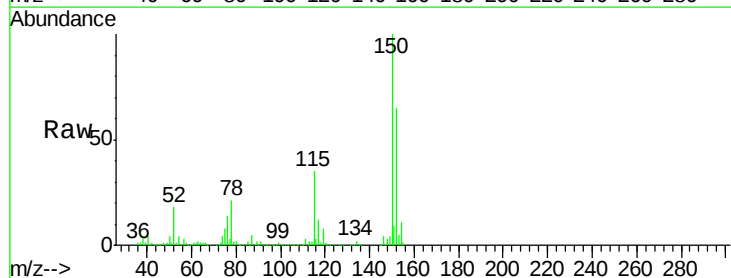
RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

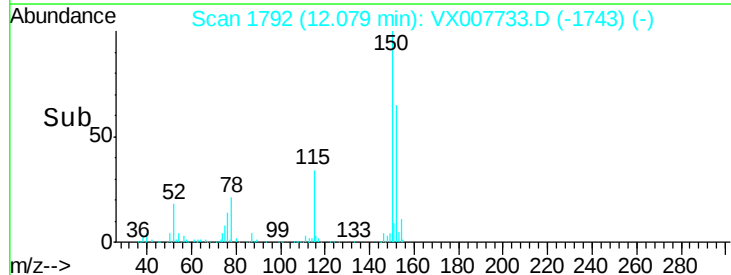
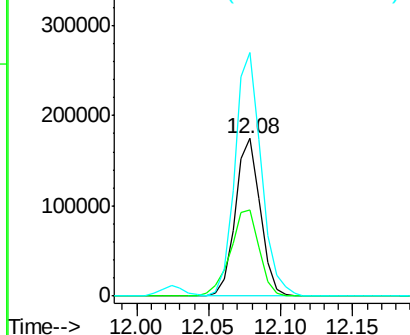
Lab File: VX007733.D

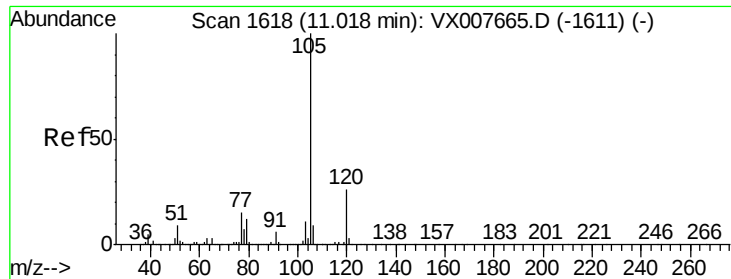
Acq: 27 Feb 2019 14:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.9	38.0	114.0
150	163.3	0.0	346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.850 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007733.D

Acq: 27 Feb 2019 14:57

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

Tot Ion: 105 Resp: 284291

Ion Ratio Lower Upper

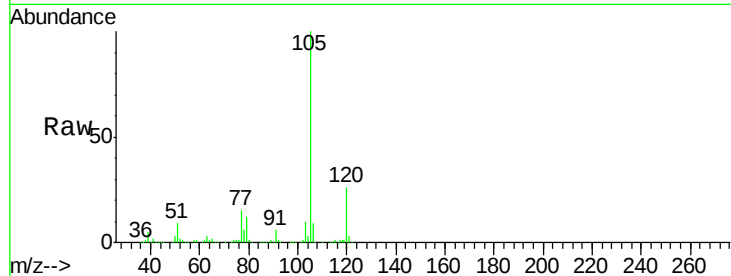
105 100

120 26.4 13.6 40.7

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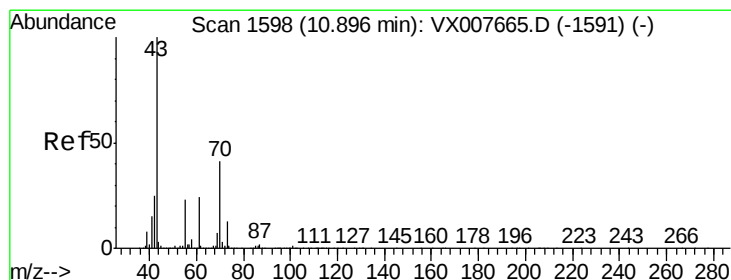
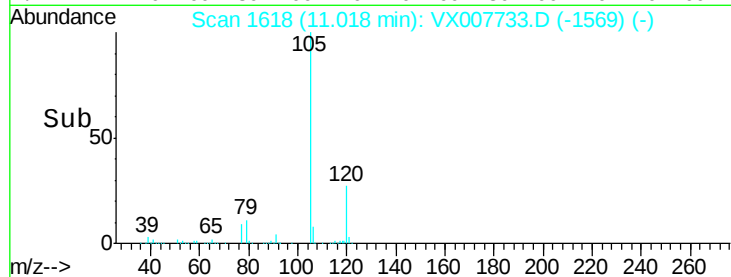
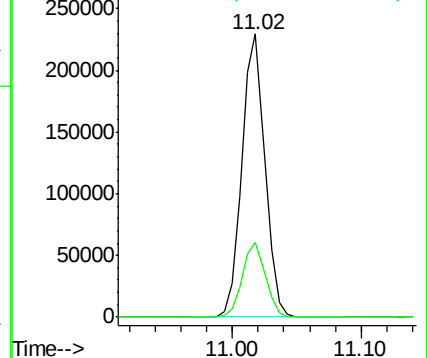
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.935 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007733.D

Acq: 27 Feb 2019 14:57

Tgt Ion: 43 Resp: 124013

Ion Ratio Lower Upper

43 100

70 41.2 33.8 50.6

55 25.4 19.5 29.3

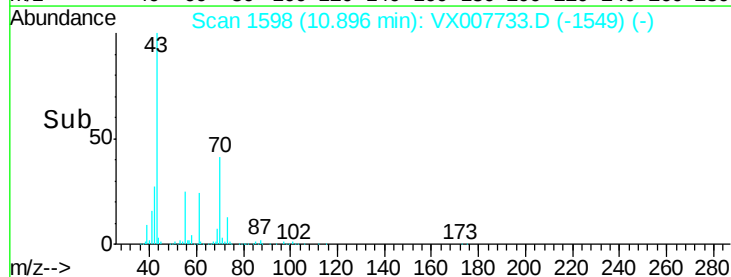
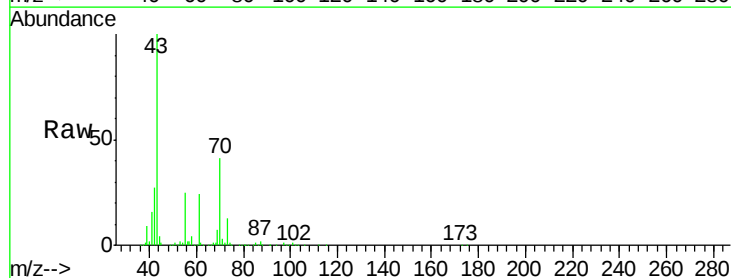
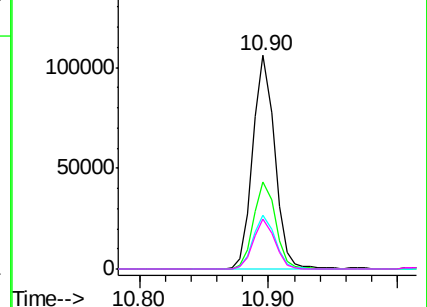
61 23.2 19.4 29.2

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.728 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007733.D

Acq: 27 Feb 2019 14:57

Instrument :

MSVOA_X

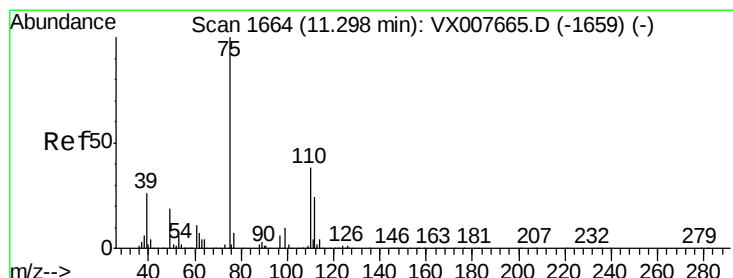
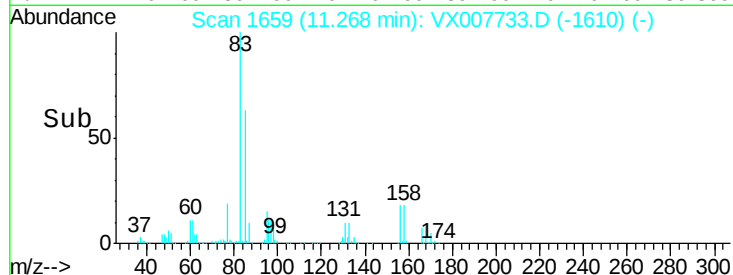
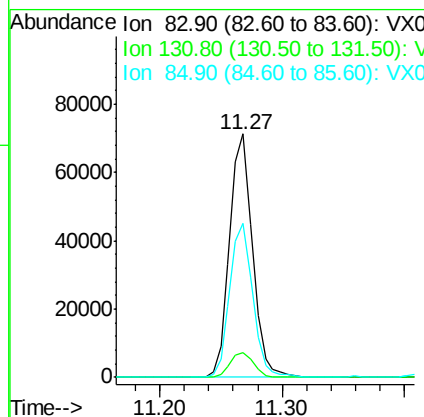
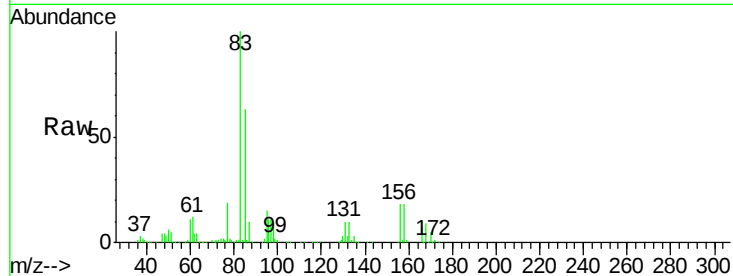
ClientSampleId :

VX0227WBS01

Tot Ion:	83	Resp:	92478
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.7	17.0
85	63.7	32.8	98.3

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#76

1,2,3-Trichloropropane

Concen: 17.687 ug/l m

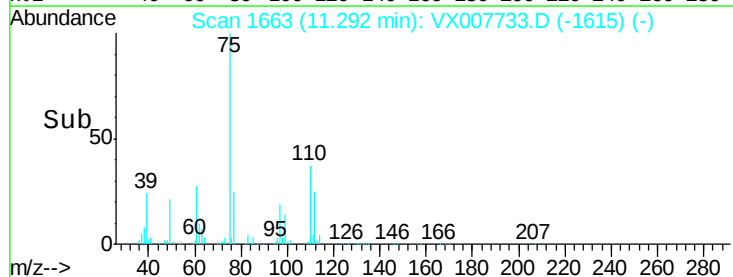
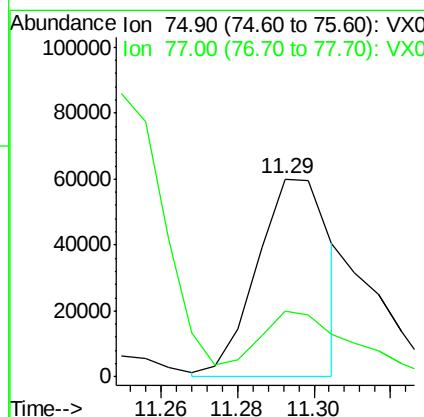
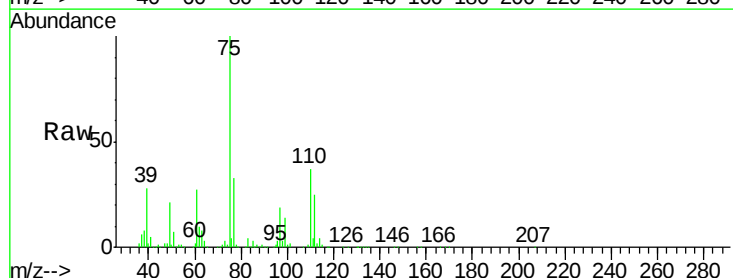
RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007733.D

Acq: 27 Feb 2019 14:57

Tgt Ion:	75	Resp:	79556
Ion Ratio	Lower	Upper	
75	100		
77	42.7	23.0	69.0





#77

Bromobenzene

Concen: 19.985 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007733.D

Acq: 27 Feb 2019 14:57

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

Tot Ion:156 Resp: 75600

Ion Ratio Lower Upper

156 100

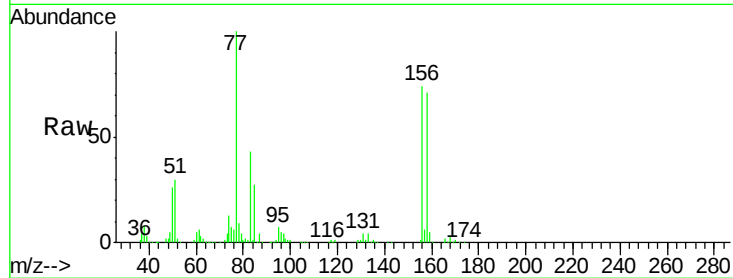
77 145.4 66.8 200.6

158 96.5 47.9 143.8

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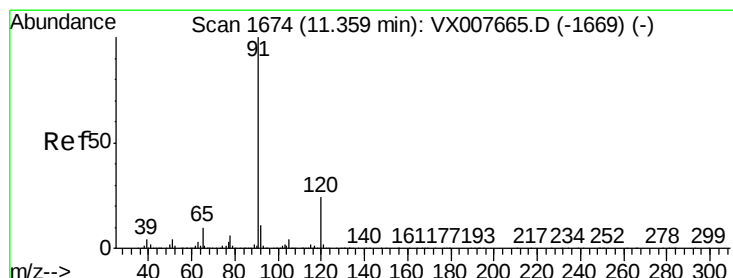
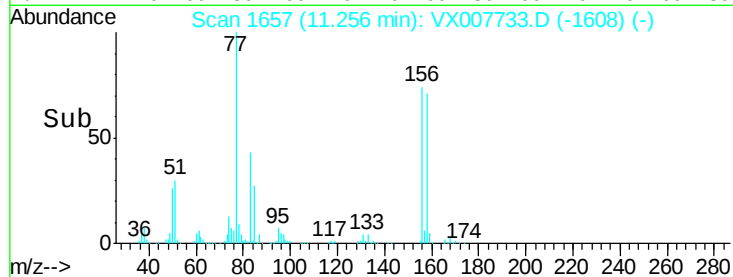
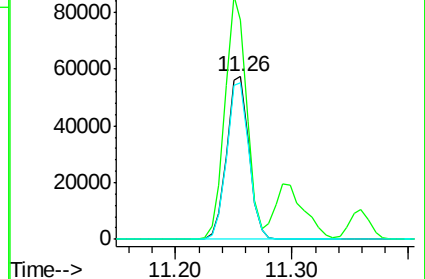
2/28/2019 12:22:42 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.848 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007733.D

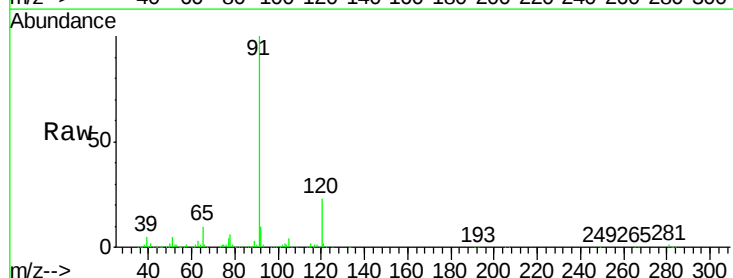
Acq: 27 Feb 2019 14:57

Tgt Ion: 91 Resp: 321224

Ion Ratio Lower Upper

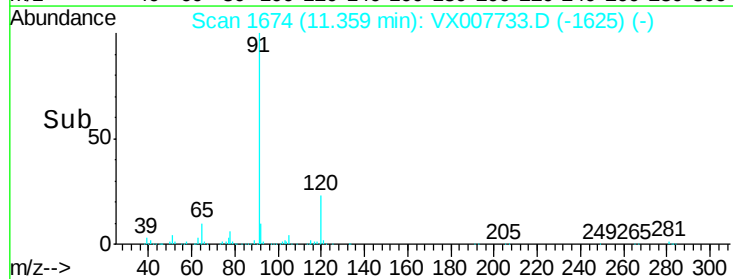
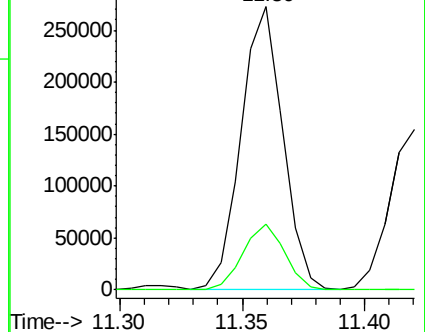
91 100

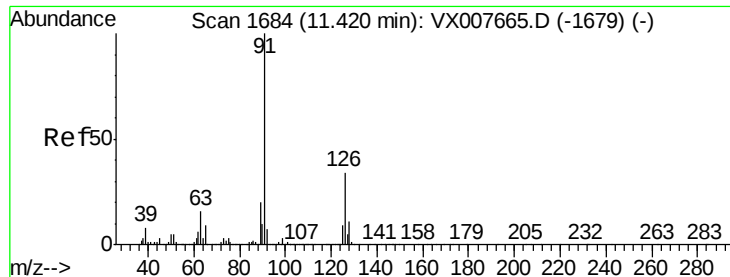
120 23.4 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





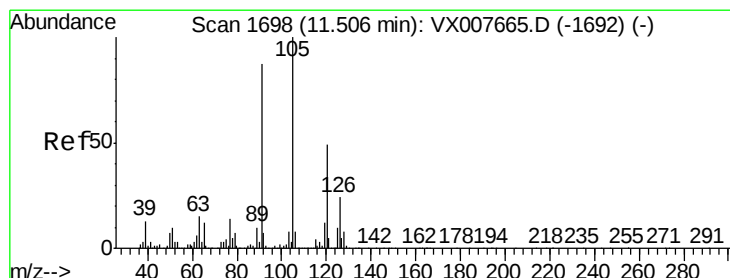
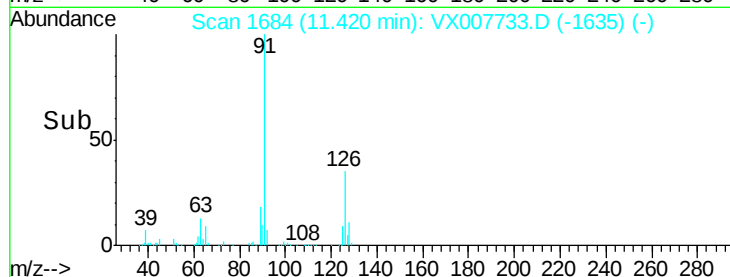
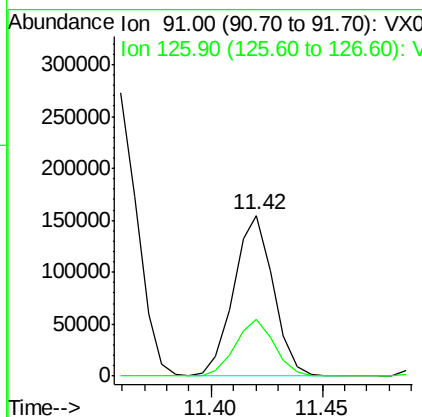
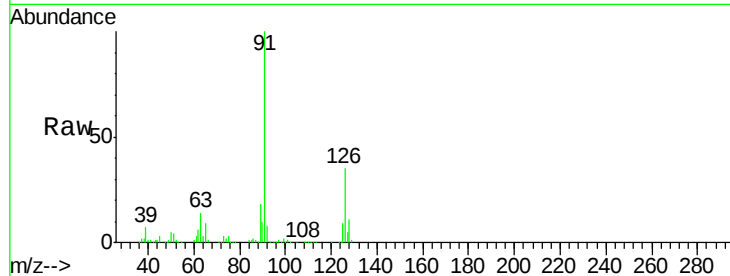
#79
 2-Chlorotoluene
 Concen: 18.513 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX007733.D
 Acq: 27 Feb 2019 14:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBS01

Tot Ion: 91 Resp: 189973
 Ion Ratio Lower Upper
 91 100
 126 35.2 18.7 56.1

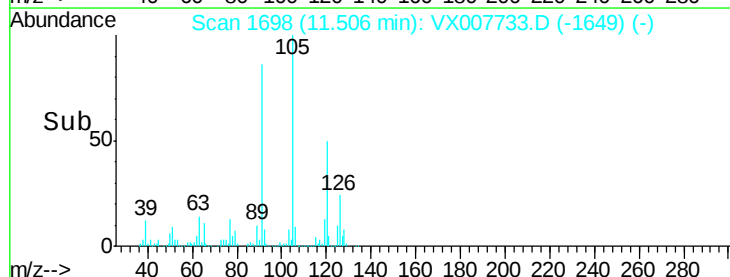
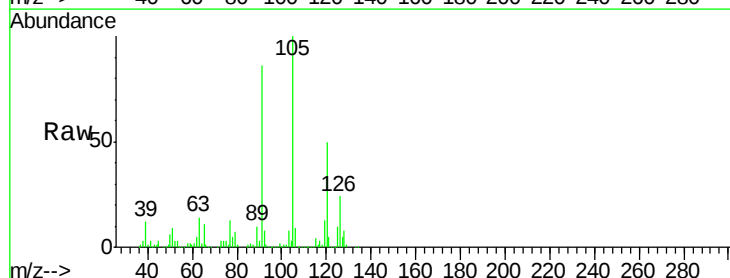
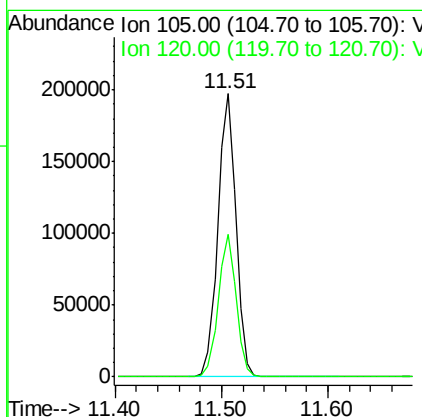
Manual Integrations
 APPROVED

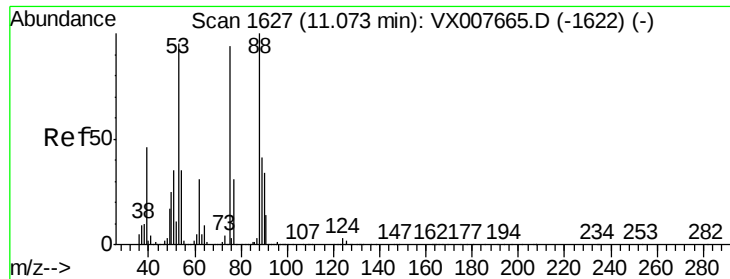
MMDadoda
 2/28/2019 12:22:42 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 18.780 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX007733.D
 Acq: 27 Feb 2019 14:57

Tgt Ion: 105 Resp: 232985
 Ion Ratio Lower Upper
 105 100
 120 49.7 25.3 75.8





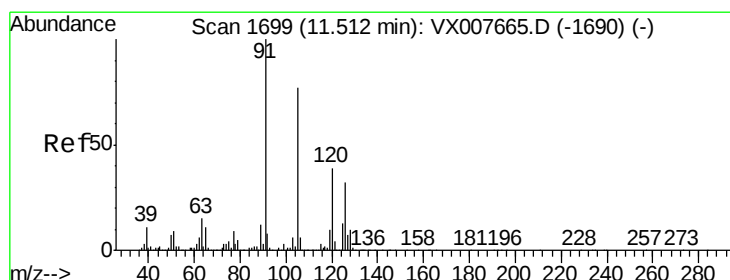
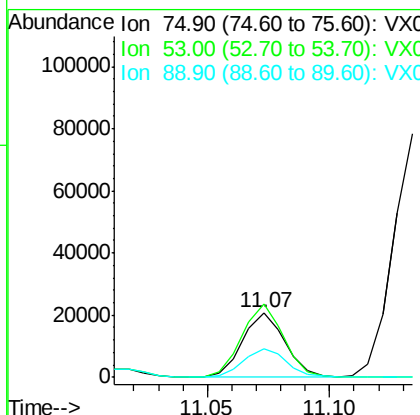
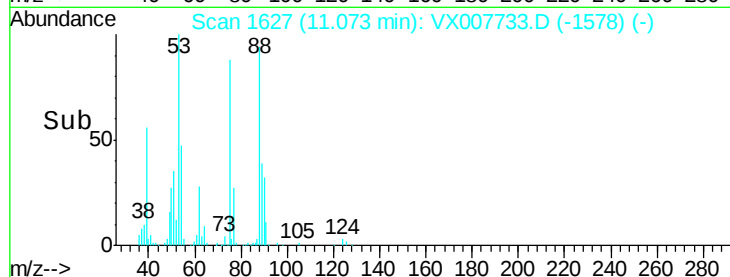
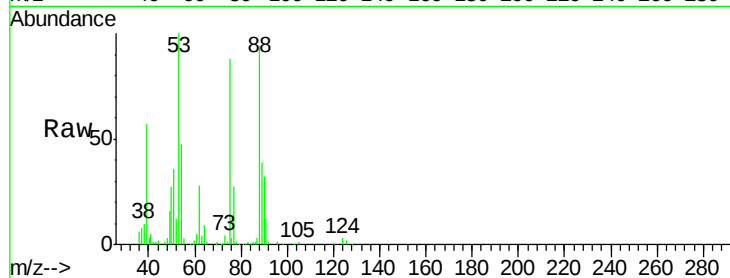
#81
trans-1,4-Dichloro-2-butene
Concen: 16.934 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007733.D
Acq: 27 Feb 2019 14:57

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	113.1	81.0	121.6
89	45.9	41.4	62.0

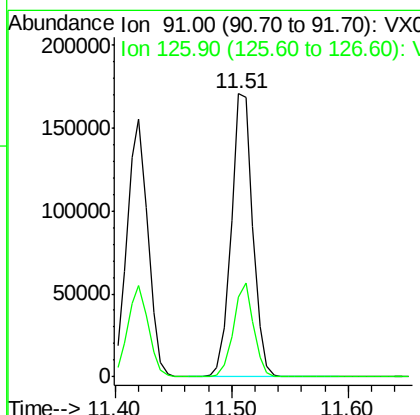
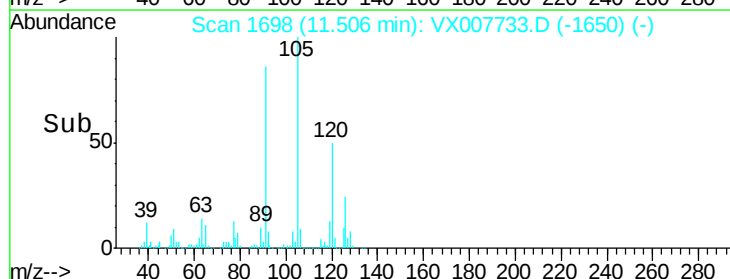
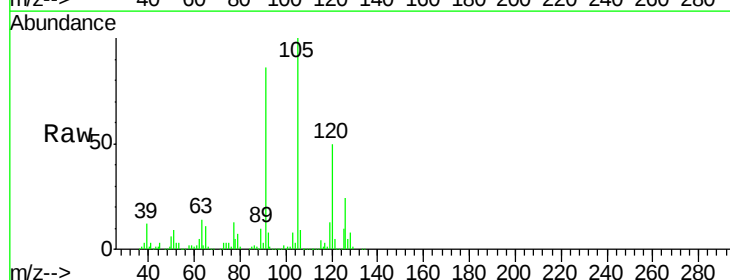
Manual Integrations
APPROVED

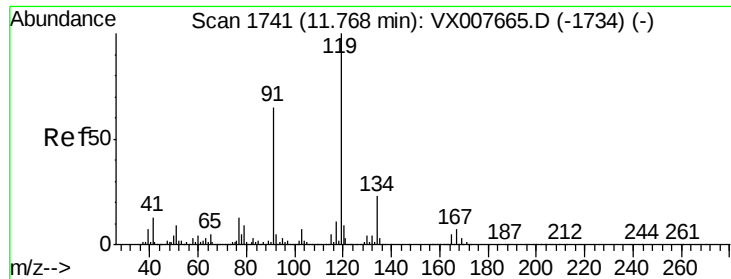
MMDadoda
2/28/2019 12:22:42 PM



#82
4-Chlorotoluene
Concen: 18.273 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX007733.D
Acq: 27 Feb 2019 14:57

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	16.2	48.5





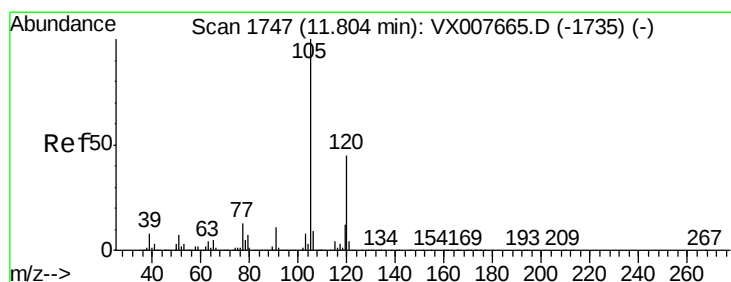
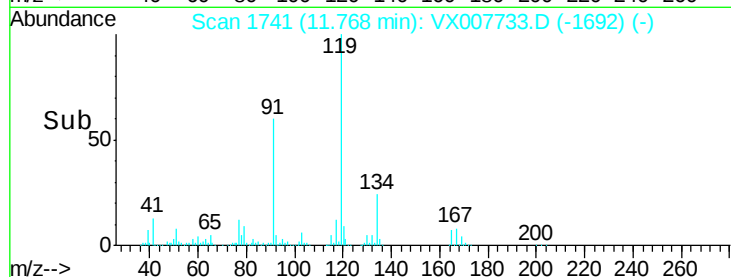
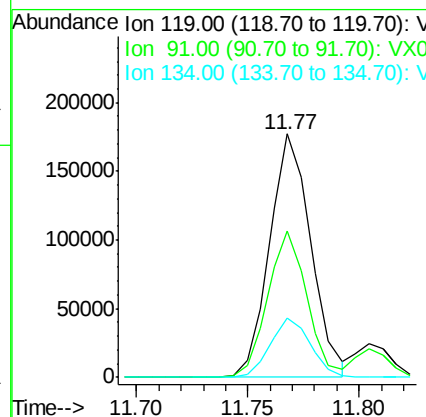
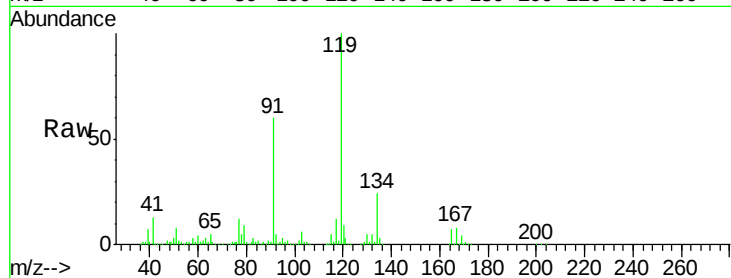
#83
tert-Butylbenzene
Concen: 19.157 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX007733.D
Acq: 27 Feb 2019 14:57

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	228184		
91	57.5		28.5	85.6
134	23.8		12.0	36.0

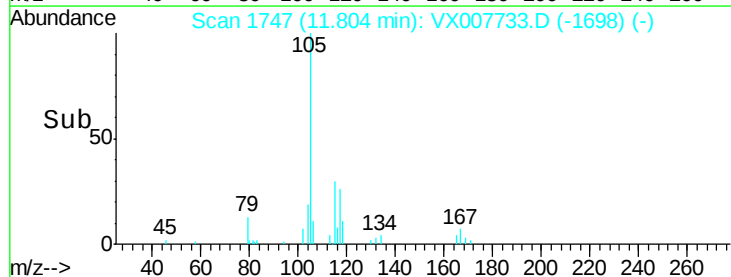
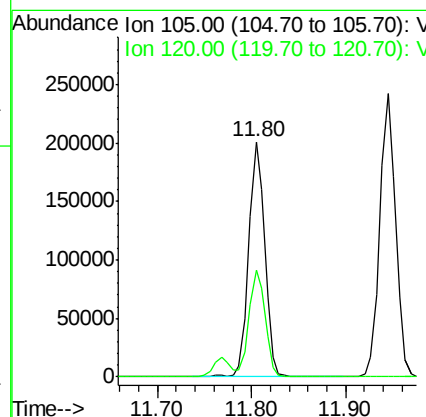
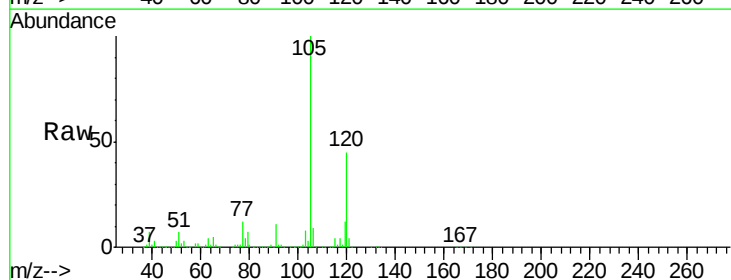
Manual Integrations
APPROVED

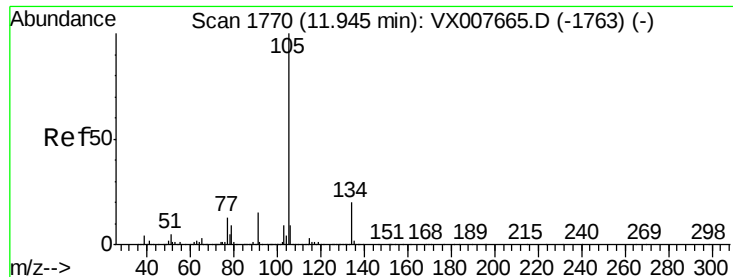
MMDadoda
2/28/2019 12:22:42 PM



#84
1,2,4-Trimethylbenzene
Concen: 18.869 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX007733.D
Acq: 27 Feb 2019 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	239445		
120	45.2		23.1	69.3





#85

sec-Butylbenzene

Concen: 18.882 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007733.D

Acq: 27 Feb 2019 14:57

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

Tot Ion:105 Resp: 281832

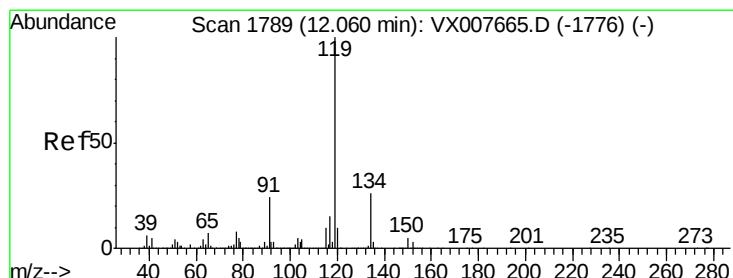
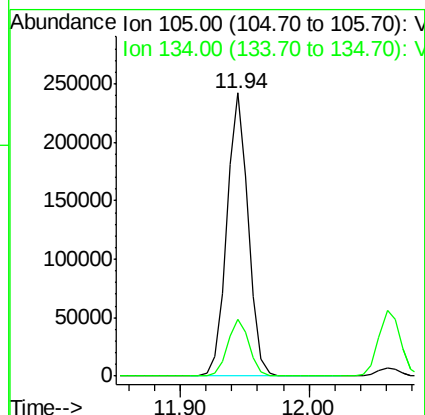
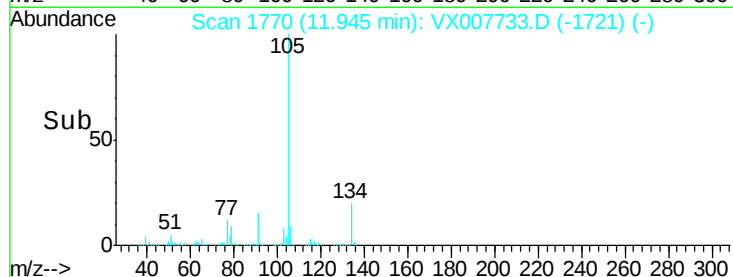
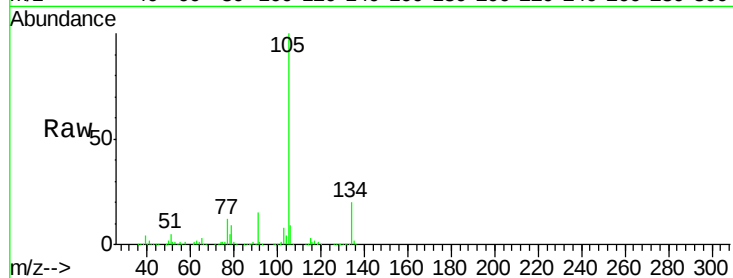
Ion Ratio Lower Upper

105 100

134 20.5 10.6 31.8

Manual Integrations
APPROVED

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2/28/2019 12:22:42 PM



#86

p-Isopropyltoluene

Concen: 19.257 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007733.D

Acq: 27 Feb 2019 14:57

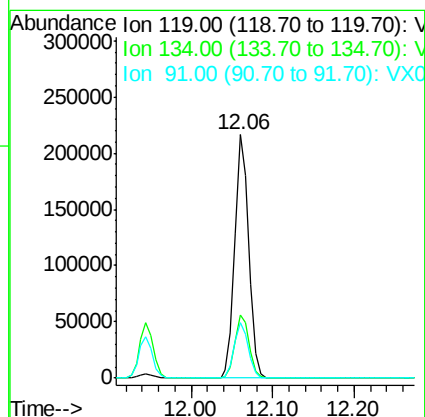
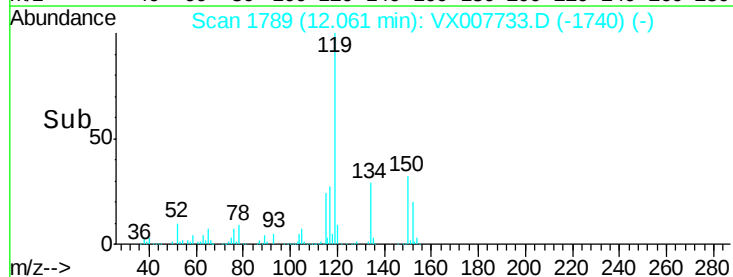
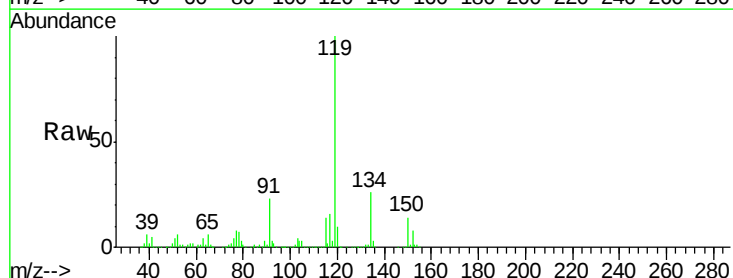
Tgt Ion:119 Resp: 251726

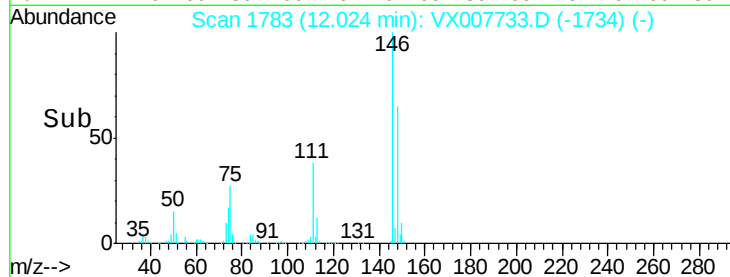
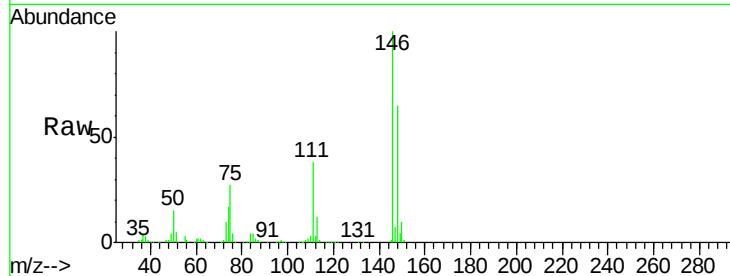
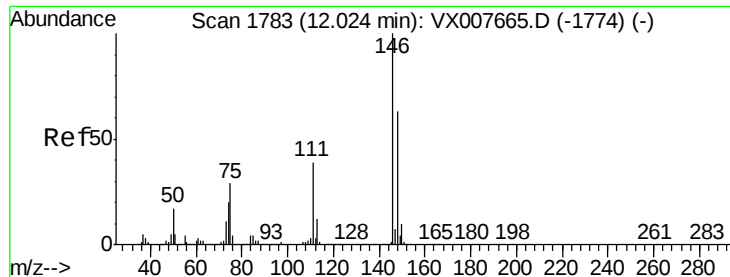
Ion Ratio Lower Upper

119 100

134 26.5 13.7 41.1

91 23.1 11.2 33.5





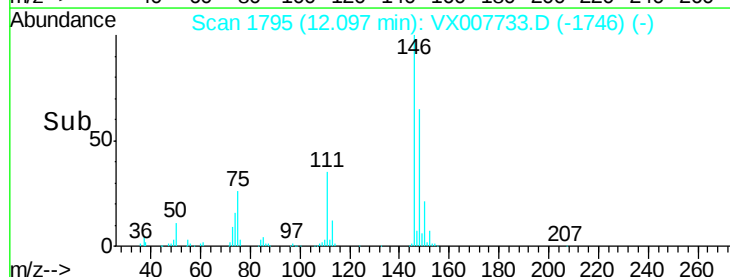
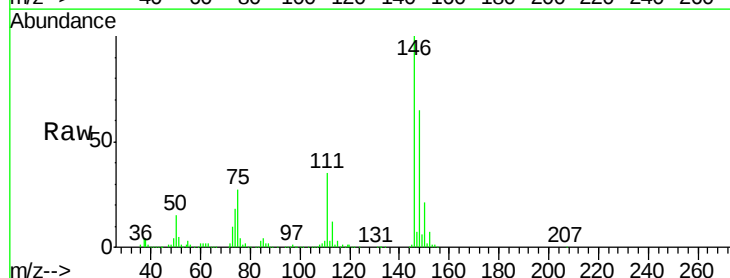
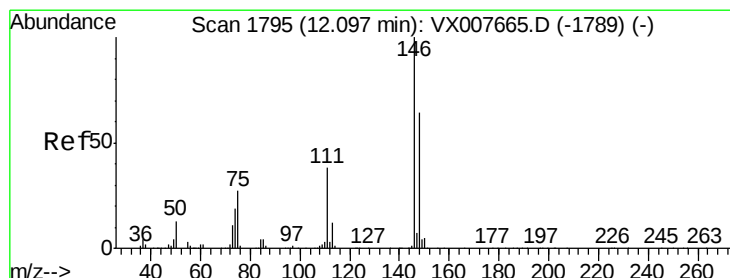
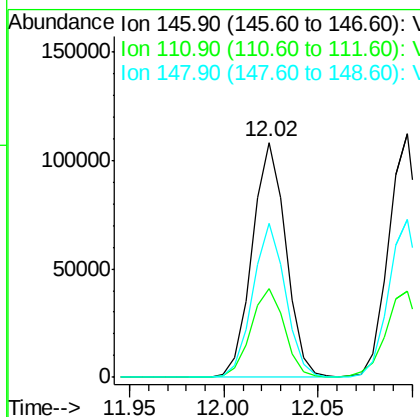
#87
 1,3-Dichlorobenzene
 Concen: 19.128 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007733.D
 Acq: 27 Feb 2019 14:57

Tot Ion:	146	Resp:	134215
Ion Ratio	Lower	Upper	
146	100		
111	37.7	18.1	54.1
148	63.7	32.0	96.2

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBS01

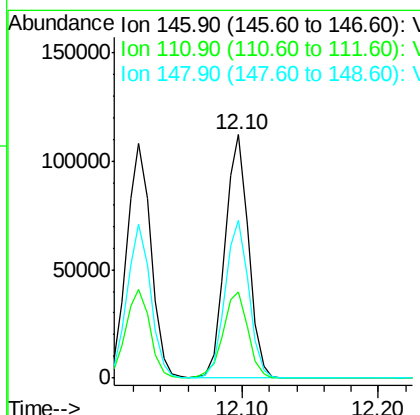
Manual Integrations
 APPROVED

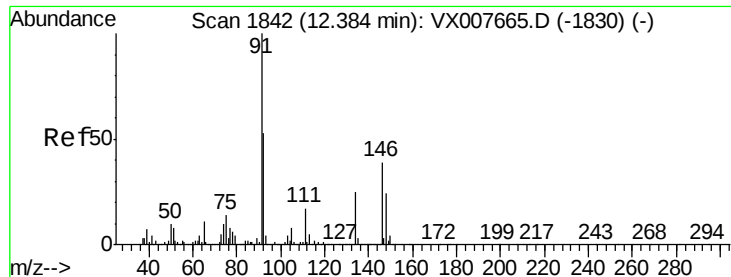
MMDadoda
 2/28/2019 12:22:42 PM



#88
 1,4-Dichlorobenzene
 Concen: 18.693 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007733.D
 Acq: 27 Feb 2019 14:57

Tgt Ion:	146	Resp:	134334
Ion Ratio	Lower	Upper	
146	100		
111	37.9	18.1	54.1
148	65.4	32.3	96.9





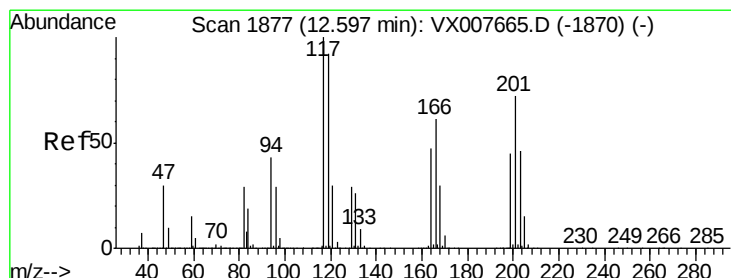
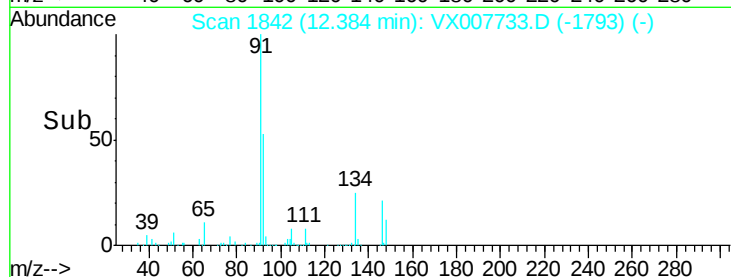
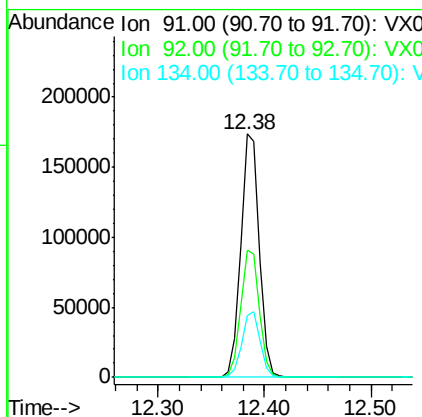
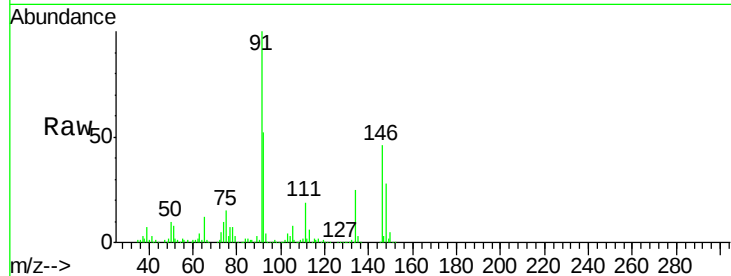
#89
n-Butylbenzene
Concen: 18.190 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX007733.D
Acq: 27 Feb 2019 14:57

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

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

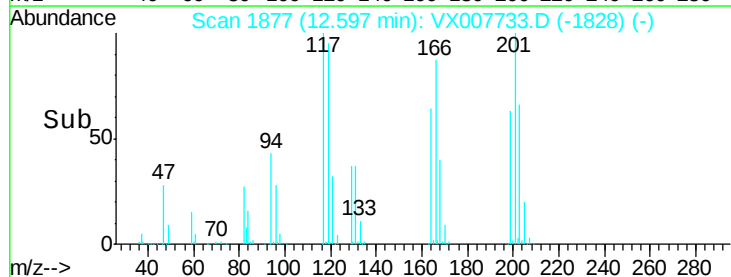
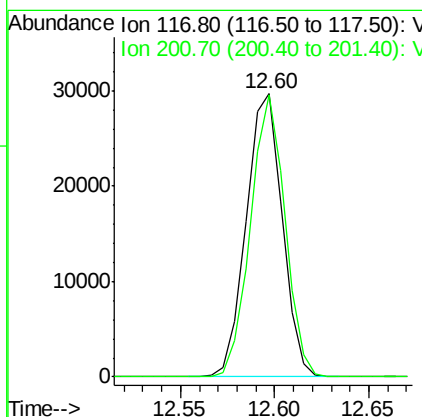
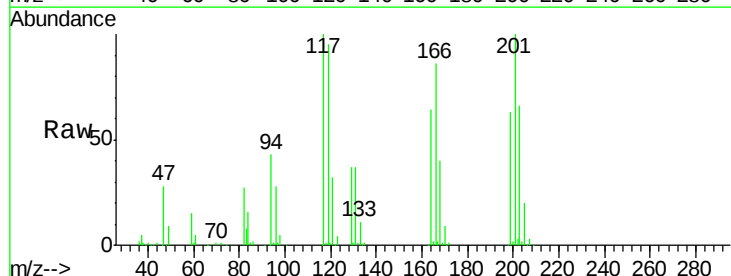
Manual Integrations
APPROVED

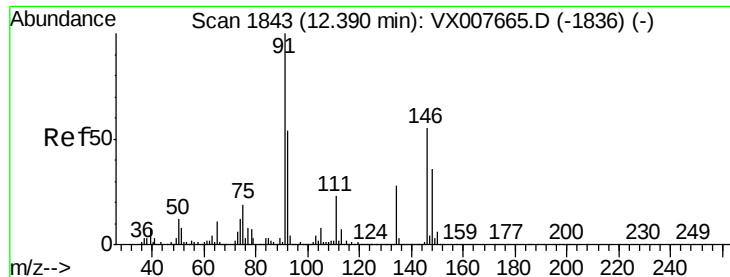
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#90
Hexachloroethane
Concen: 17.913 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007733.D
Acq: 27 Feb 2019 14:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	94.8	44.9	134.7





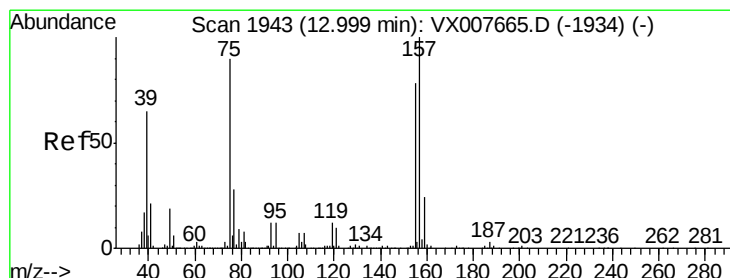
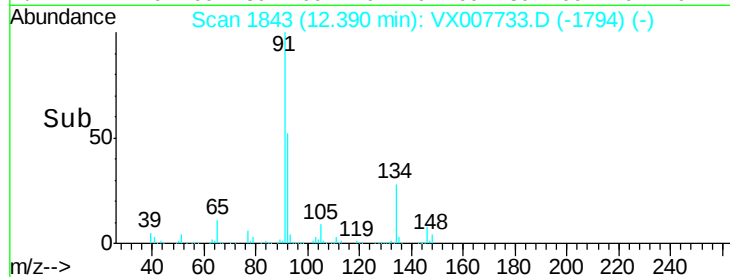
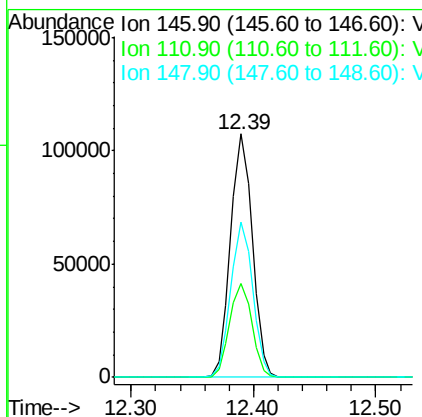
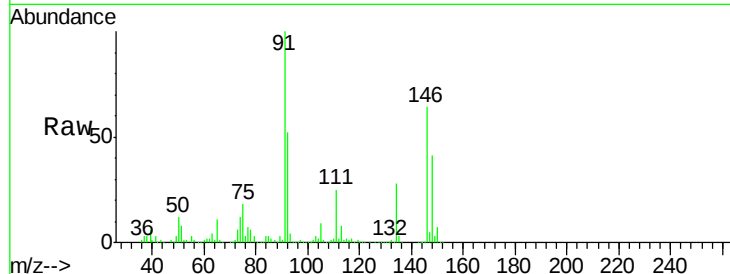
#91
 1,2-Dichlorobenzene
 Concen: 18.935 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007733.D
 Acq: 27 Feb 2019 14:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	132938		
111	39.4	19.1	57.3	
148	64.0	32.1	96.3	

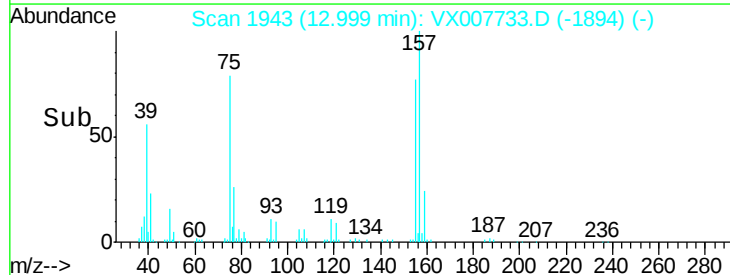
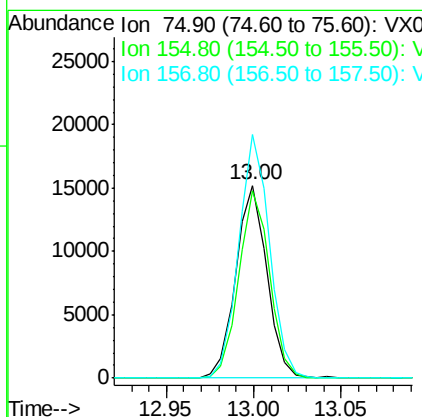
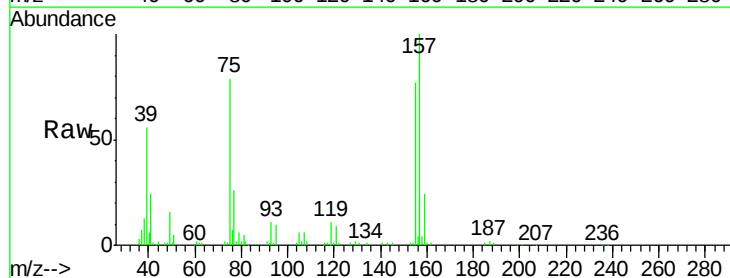
Manual Integrations
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 2/28/2019 12:22:42 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.562 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007733.D
 Acq: 27 Feb 2019 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	18824		
155	96.0	49.6	149.0	
157	124.2	65.1	195.3	





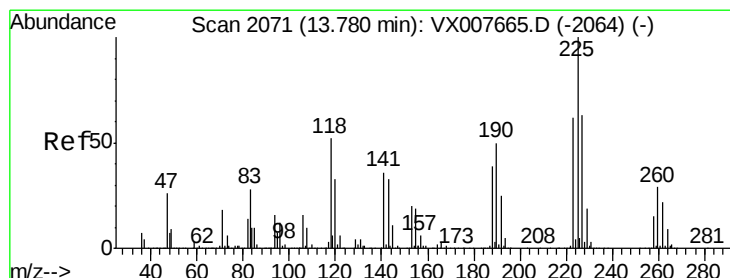
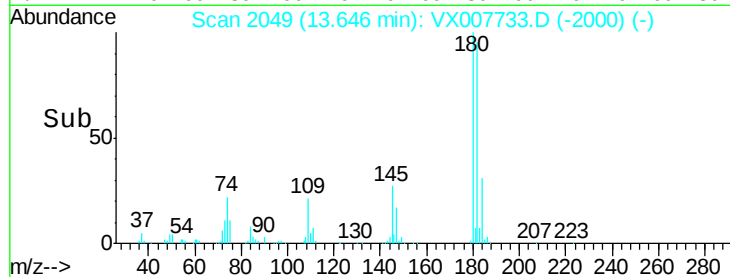
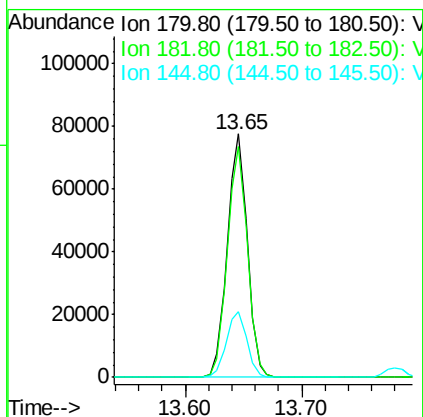
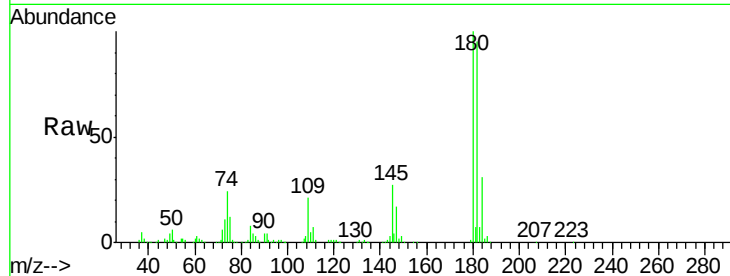
#93
 1,2,4-Trichlorobenzene
 Concen: 21.588 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007733.D
 Acq: 27 Feb 2019 14:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	92519		
182	95.5	47.8	143.3	
145	27.6	14.1	42.2	

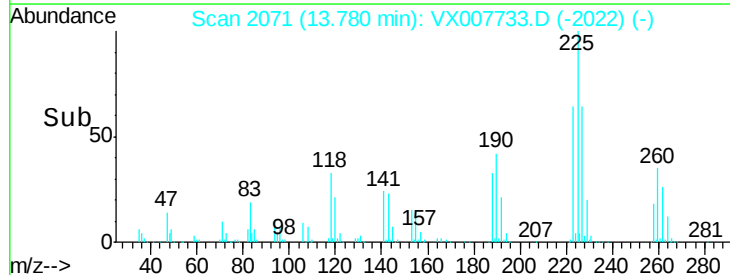
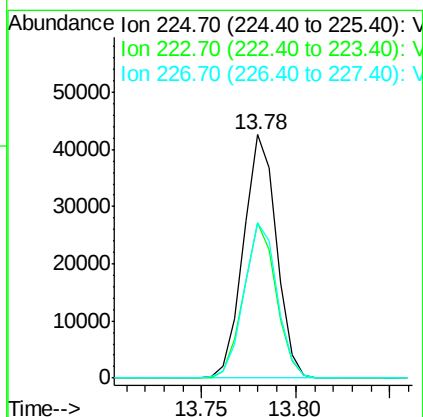
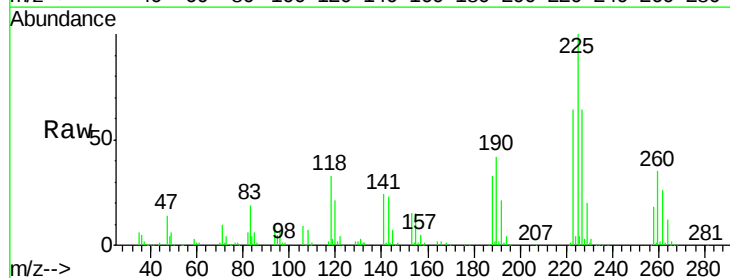
Manual Integrations
 APPROVED

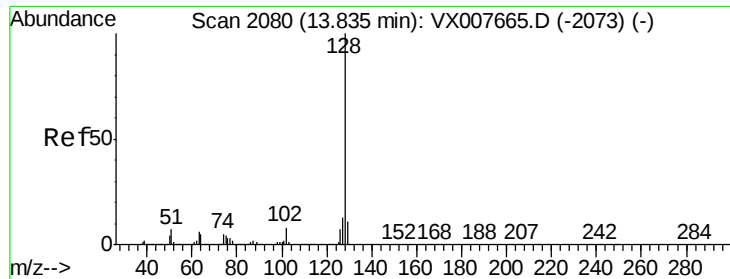
MMDadoda
 2/28/2019 12:22:42 PM



#94
 Hexachlorobutadiene
 Concen: 26.378 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007733.D
 Acq: 27 Feb 2019 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	51714		
223	62.7	31.6	94.8	
227	63.8	32.1	96.3	





#95

Naphthalene

Concen: 18.966 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007733.D

Acq: 27 Feb 2019 14:57

Instrument :

MSVOA_X

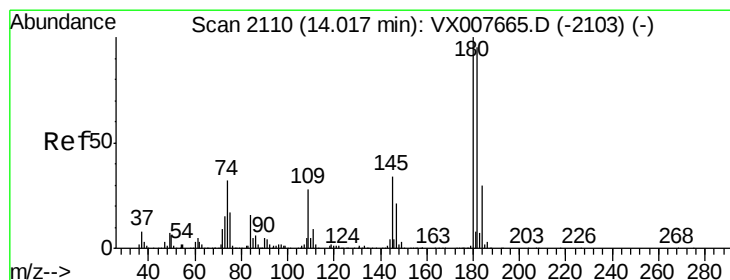
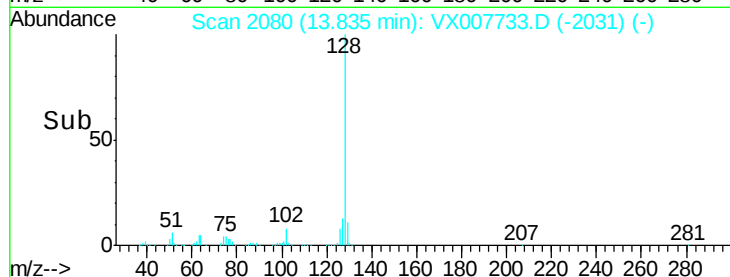
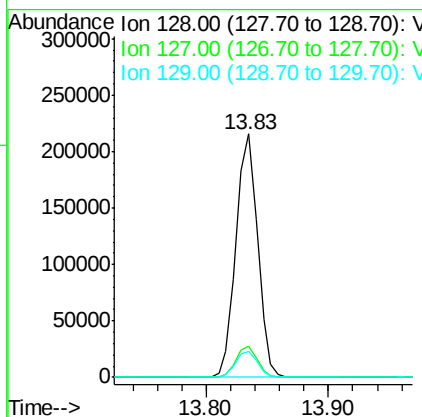
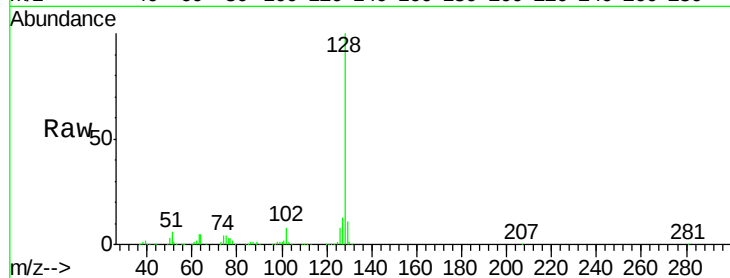
ClientSampleId :

VX0227WBS01

Tot Ion:	128	Resp:	263330
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.5	15.7
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
2/28/2019 12:22:42 PM



#96

1,2,3-Trichlorobenzene

Concen: 21.469 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007733.D

Acq: 27 Feb 2019 14:57

Tgt Ion:	180	Resp:	92383
Ion Ratio	Lower	Upper	
180	100		
182	95.7	47.5	142.6
145	29.8	14.9	44.5

