

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022519\
 Data File : VX007707.D
 Acq On : 26 Feb 2019 10:27
 Operator : JC/SP
 Sample : VX0225WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBSD02

Manual Integrations
 APPROVED

MMDadoda
 2/26/2019 3:05:17 PM

Quant Time: Feb 26 12:05:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	328369	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	509676	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	461753	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	222563	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	193291	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	
35) Dibromofluoromethane	5.50	113	172650	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
50) Toluene-d8	8.71	98	634491	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
62) 4-Bromofluorobenzene	11.13	95	222259	46.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	61667	20.386	ug/l	98
3) Chloromethane	1.33	50	65143	19.434	ug/l	99
4) Vinyl Chloride	1.41	62	66074	19.213	ug/l	91
5) Bromomethane	1.64	94	44678	19.682	ug/l	95
6) Chloroethane	1.73	64	44026	20.038	ug/l	99
7) Trichlorofluoromethane	1.93	101	105650	20.040	ug/l	99
8) Diethyl Ether	2.19	74	40571	18.751	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	62278	19.544	ug/l	93
10) Methyl Iodide	2.51	142	80505	20.290	ug/l	96
11) Tert butyl alcohol	3.07	59	75920	98.375	ug/l	95
12) 1,1-Dichloroethene	2.38	96	57250	19.932	ug/l	98
13) Acrolein	2.30	56	32470	47.348	ug/l	96
14) Allyl chloride	2.73	41	101308	19.075	ug/l	96
15) Acrylonitrile	3.15	53	181634	100.011	ug/l	99
16) Acetone	2.45	43	212860	117.680	ug/l	100
17) Carbon Disulfide	2.57	76	153704	19.235	ug/l	98
18) Methyl Acetate	2.78	43	85386	21.633	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	199191	19.914	ug/l	94
20) Methylene Chloride	2.86	84	63998	19.161	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	60721	19.446	ug/l	94
22) Diisopropyl ether	3.87	45	209608	18.959	ug/l	97
23) Vinyl Acetate	3.82	43	923746	95.232	ug/l	99
24) 1,1-Dichloroethane	3.70	63	118624	19.742	ug/l	98
25) 2-Butanone	4.70	43	287756	104.438	ug/l	99
26) 2,2-Dichloropropane	4.59	77	88049	18.358	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	77739	19.566	ug/l	98
28) Bromochloromethane	5.02	49	55894	19.108	ug/l	97
29) Tetrahydrofuran	5.15	42	171587	94.476	ug/l	99
30) Chloroform	5.21	83	124719	19.377	ug/l	99
31) Cyclohexane	5.57	56	104388	18.469	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	104531	19.638	ug/l	99
36) 1,1-Dichloropropene	5.80	75	88591	19.334	ug/l	99
37) Ethyl Acetate	4.85	43	97760	19.206	ug/l	99
38) Carbon Tetrachloride	5.79	117	90409	19.642	ug/l	99

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	110152	19.021	ug/l	99
40) Benzene	6.15	78	282855	19.997	ug/l	99
41) Methacrylonitrile	5.06	41	52937	19.476	ug/l	98
42) 1,2-Dichloroethane	6.20	62	96367	20.270	ug/l	99
43) Isopropyl Acetate	6.46	43	150626	19.228	ug/l	99
44) Trichloroethene	7.21	130	77264	19.857	ug/l	100
45) 1,2-Dichloropropane	7.51	63	73022	19.929	ug/l	99
46) Dibromomethane	7.66	93	50309	19.681	ug/l	93
47) Bromodichloromethane	7.90	83	89631	20.234	ug/l	98
48) Methyl methacrylate	7.77	41	76592	18.652	ug/l	99
49) 1,4-Dioxane	7.75	88	35715	402.691	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	517787	98.743	ug/l	100
52) Toluene	8.78	92	176786	19.820	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	93743	18.870	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	105490	19.623	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	72513	19.495	ug/l	98
56) Ethyl methacrylate	9.18	69	101171	19.127	ug/l	99
57) 1,3-Dichloropropane	9.37	76	118308	19.870	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	283268	97.115	ug/l	100
59) 2-Hexanone	9.49	43	411535	99.963	ug/l	99
60) Dibromochloromethane	9.58	129	71631	20.014	ug/l	97
61) 1,2-Dibromoethane	9.67	107	79296	20.534	ug/l	100
64) Tetrachloroethene	9.33	164	72442	19.325	ug/l	98
65) Chlorobenzene	10.14	112	197850	19.811	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	68486	19.659	ug/l	99
67) Ethyl Benzene	10.25	91	321150	19.412	ug/l	98
68) m/p-Xylenes	10.36	106	252198	39.186	ug/l	99
69) o-Xylene	10.70	106	119416	19.290	ug/l	97
70) Styrene	10.71	104	197912	19.450	ug/l	99
71) Bromoform	10.86	173	49371	18.900	ug/l #	100
73) Isopropylbenzene	11.02	105	320984	20.179	ug/l	99
74) N-amyl acetate	10.90	43	134719	19.503	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	109934	19.982	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	91158m	19.215	ug/l	
77) Bromobenzene	11.26	156	84939	21.289	ug/l	95
78) n-propylbenzene	11.36	91	371597	20.673	ug/l	97
79) 2-Chlorotoluene	11.42	91	216794	20.031	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	263244	20.119	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	27967	17.856	ug/l	95
82) 4-Chlorotoluene	11.51	91	246797	19.492	ug/l	99
83) tert-Butylbenzene	11.77	119	255783	20.360	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	271616	20.294	ug/l	100
85) sec-Butylbenzene	11.94	105	318925	20.259	ug/l	98
86) p-Isopropyltoluene	12.06	119	279520	20.275	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	148460	20.060	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	149793	19.763	ug/l	97
89) n-Butylbenzene	12.39	91	237483	19.315	ug/l	98
90) Hexachloroethane	12.60	117	44026	18.953	ug/l	88
91) 1,2-Dichlorobenzene	12.39	146	150001	20.257	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22526	18.791	ug/l	88

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Instrument :
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ClientSampleId :
VX0225WBSD02

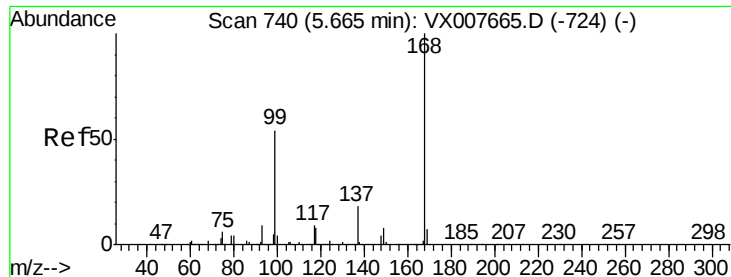
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	90163	19.948	ug/l	99
94) Hexachlorobutadiene	13.78	225	40859	19.760	ug/l	100
95) Naphthalene	13.83	128	303765	20.743	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	91714	20.208	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

ClientSampled :

VX0225WBSD02

Tot Ion:168 Resp: 328369

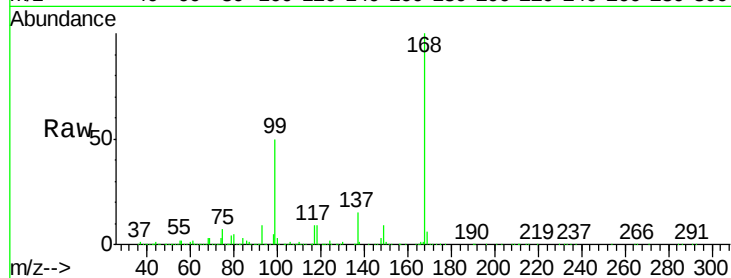
Ion Ratio Lower Upper

168 100

99 50.1 37.9 56.9

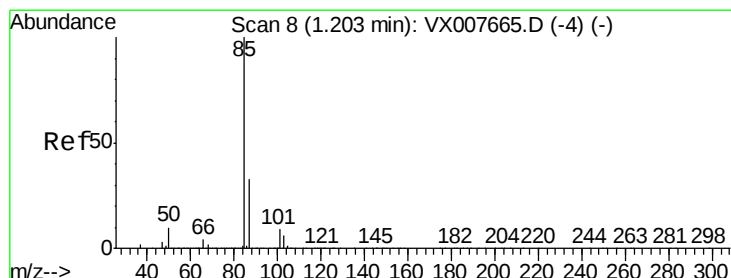
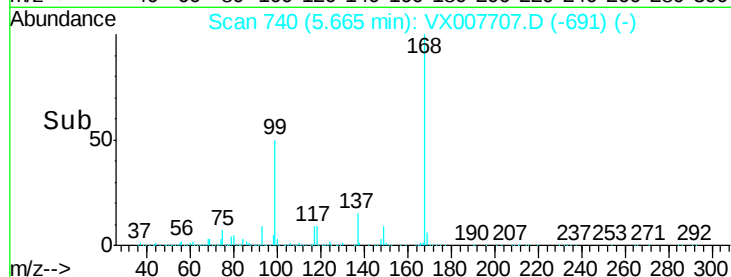
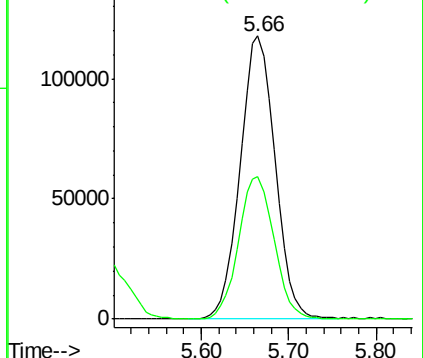
Manual Integrations
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.386 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX007707.D

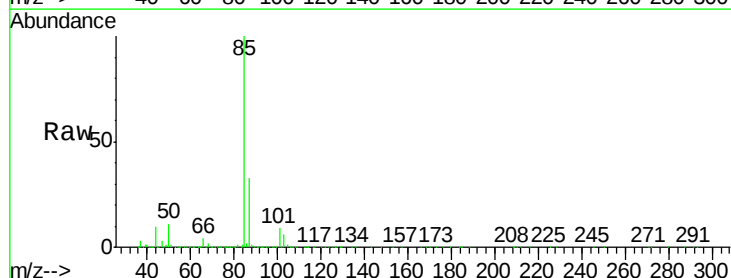
Acq: 26 Feb 2019 10:27

Tgt Ion: 85 Resp: 61667

Ion Ratio Lower Upper

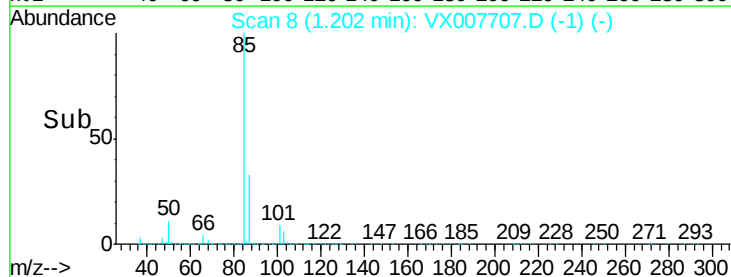
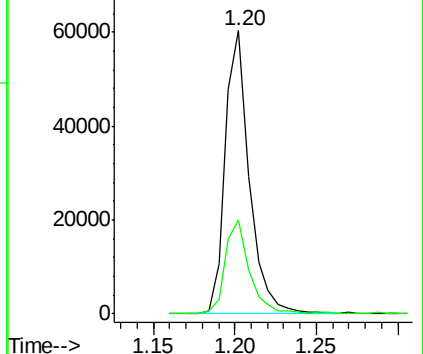
85 100

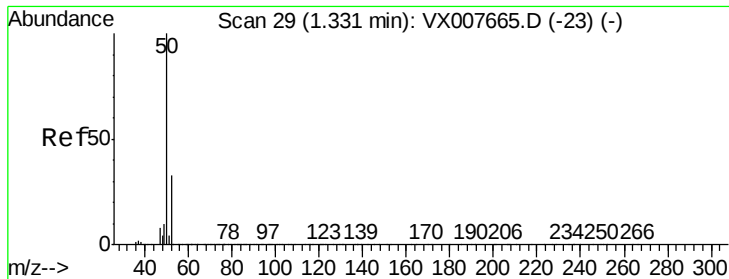
87 32.9 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.434 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

Tot Ion: 50 Resp: 65143

Ion Ratio Lower Upper

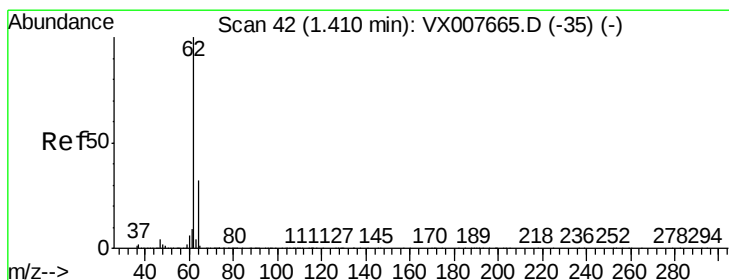
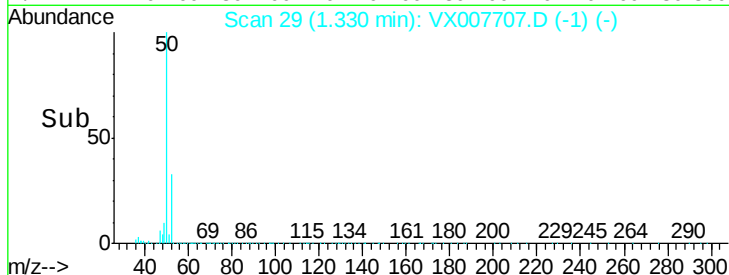
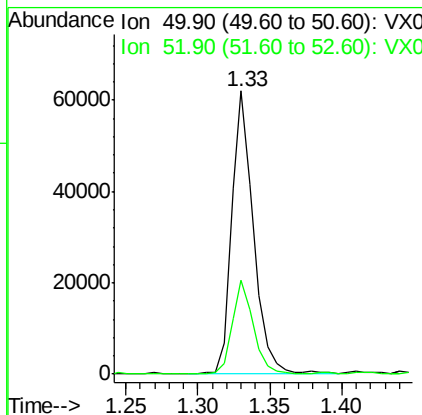
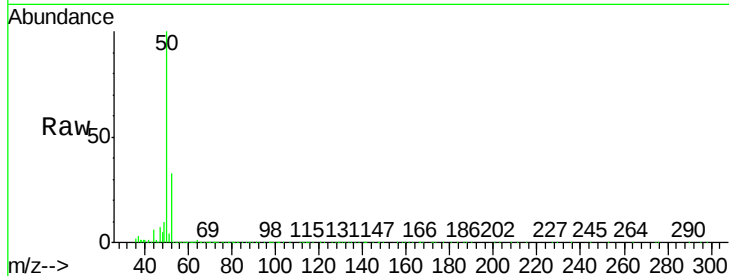
50 100

52 32.9 26.1 39.1

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#4

Vinyl Chloride

Concen: 19.213 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007707.D

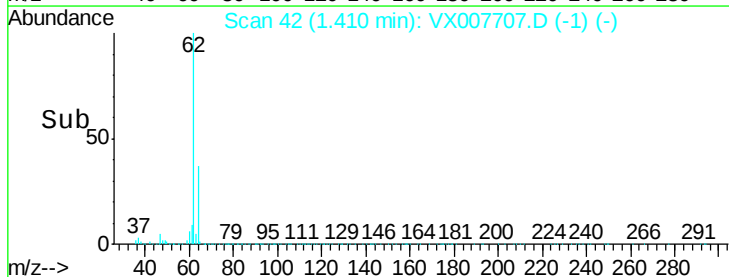
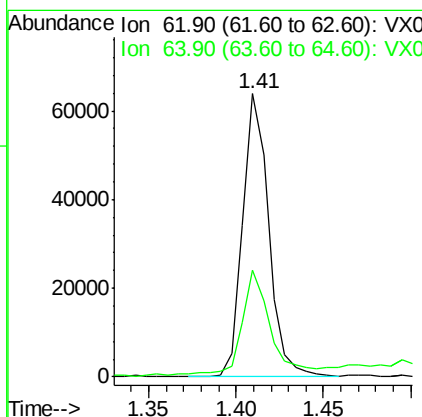
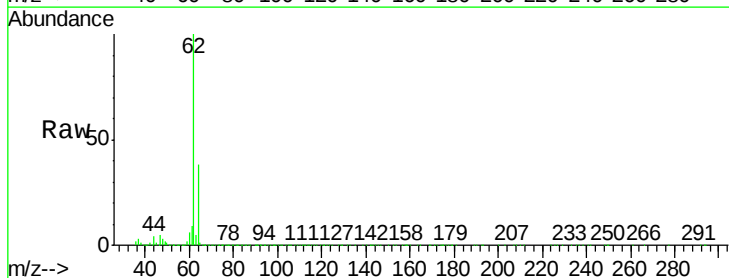
Acq: 26 Feb 2019 10:27

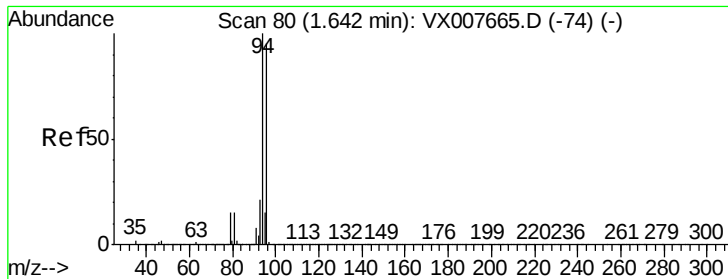
Tgt Ion: 62 Resp: 66074

Ion Ratio Lower Upper

62 100

64 36.5 25.4 38.0





#5

Bromomethane

Concen: 19.682 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

Tot Ion: 94 Resp: 44678

Ion Ratio Lower Upper

94 100

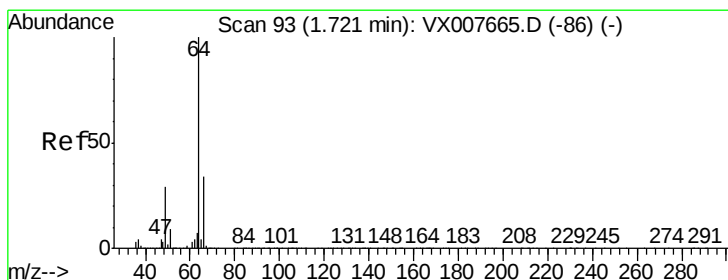
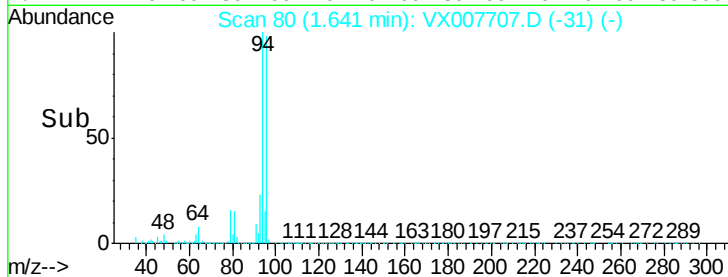
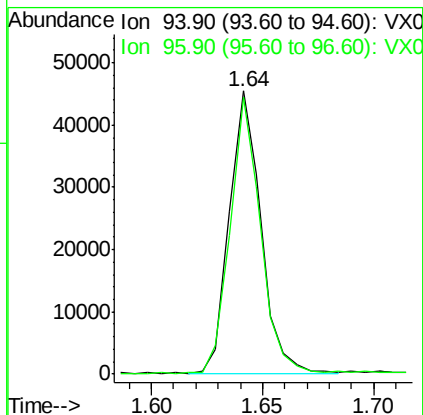
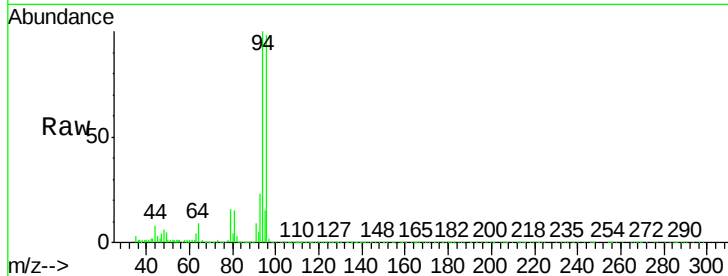
96 97.5 73.9 110.9

Manual Integrations

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#6

Chloroethane

Concen: 20.038 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007707.D

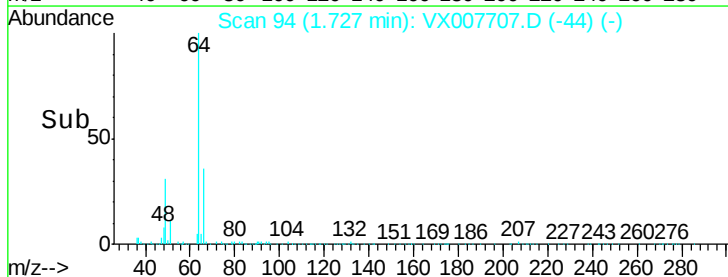
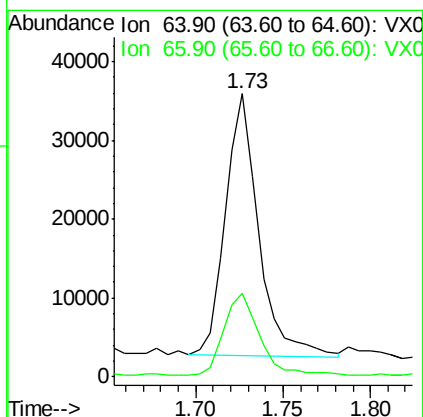
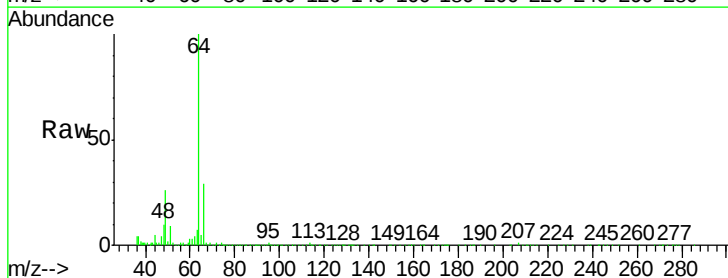
Acq: 26 Feb 2019 10:27

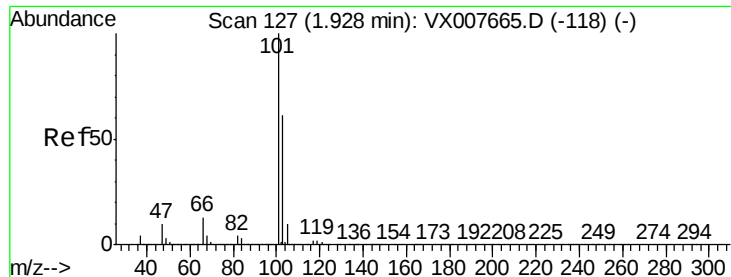
Tgt Ion: 64 Resp: 44026

Ion Ratio Lower Upper

64 100

66 31.2 25.5 38.3





#7

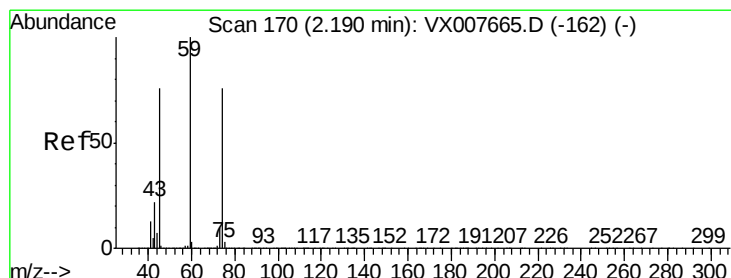
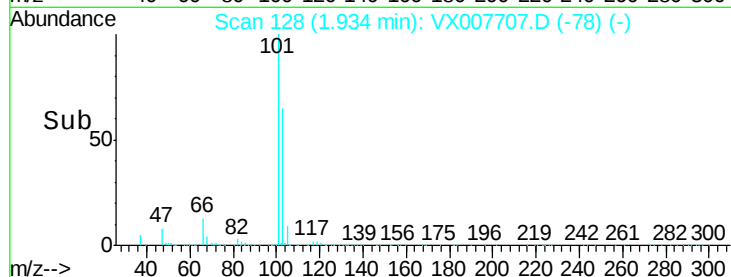
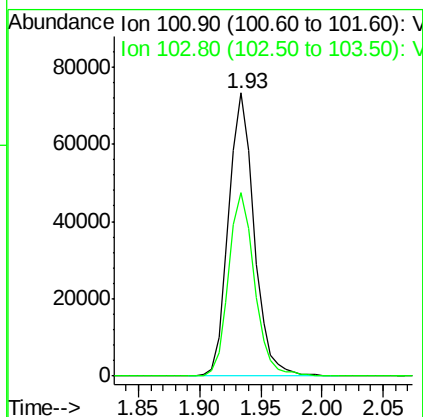
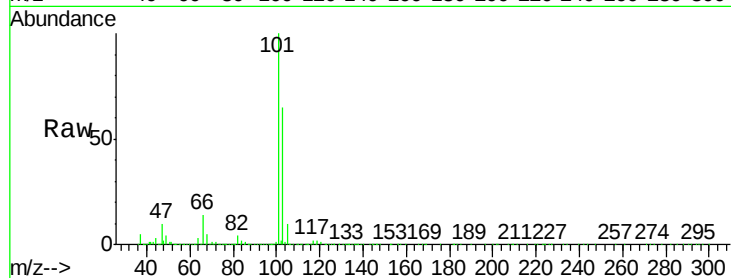
Trichlorofluoromethane
Concen: 20.040 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007707.D
Acq: 26 Feb 2019 10:27

Instrument :
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ClientSampleId :
VX0225WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	52.6	79.0

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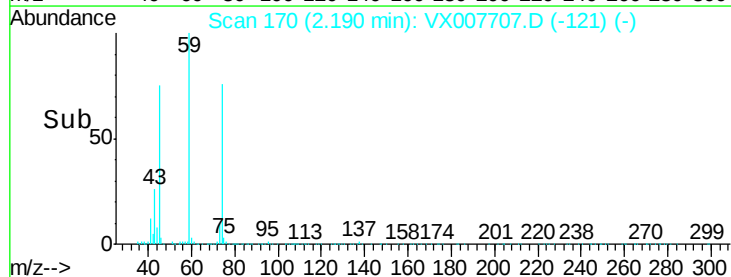
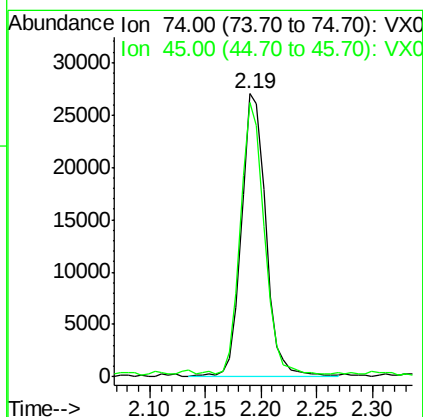
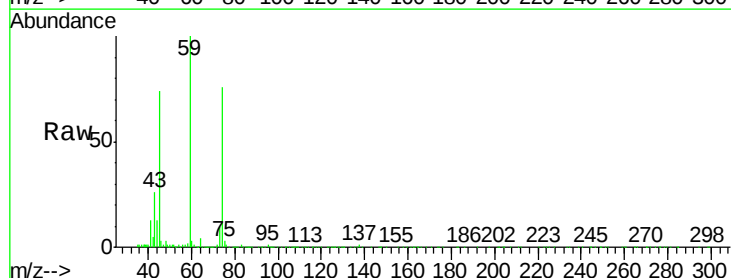
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2/26/2019 3:05:17 PM



#8

Diethyl Ether
Concen: 18.751 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007707.D
Acq: 26 Feb 2019 10:27

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.2	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.544 ug/l

RT: 2.38 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

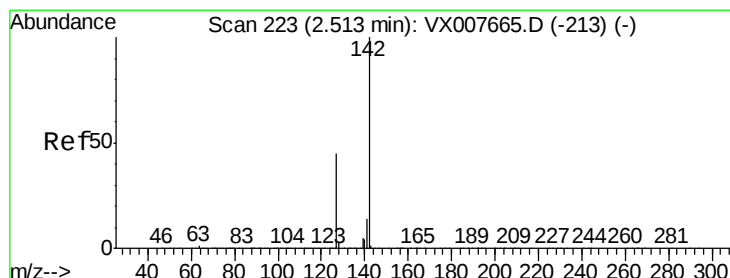
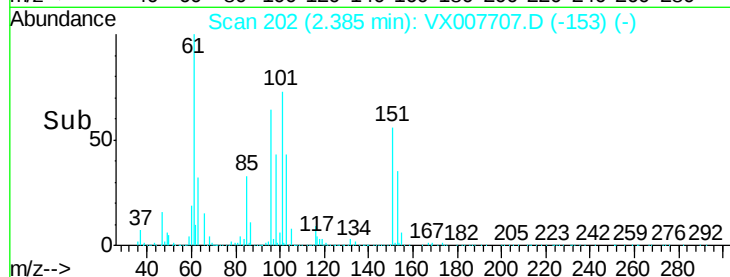
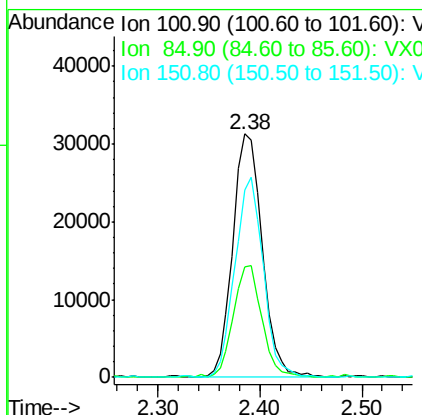
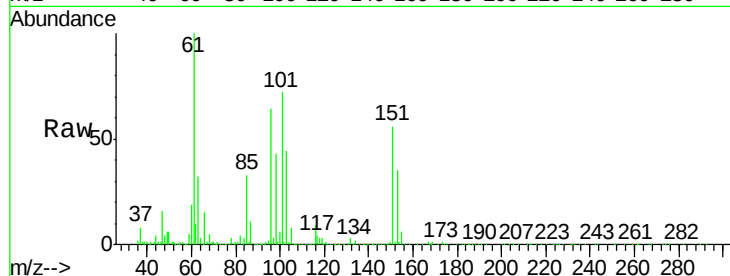
ClientSampleId :

VX0225WBSD02

Tot Ion:	101	Resp:	62278
Ion Ratio	Lower	Upper	
101	100		
85	44.9	34.1	51.1
151	79.4	69.9	104.9

Manual Integrations
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#10

Methyl Iodide

Concen: 20.290 ug/l

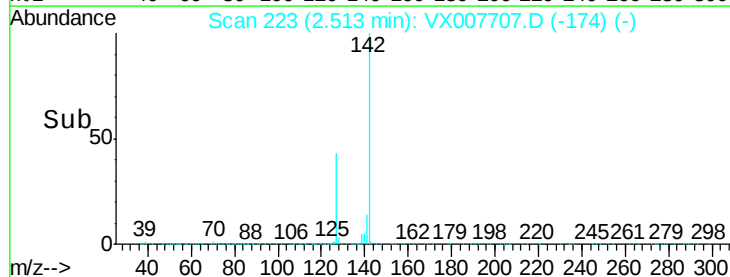
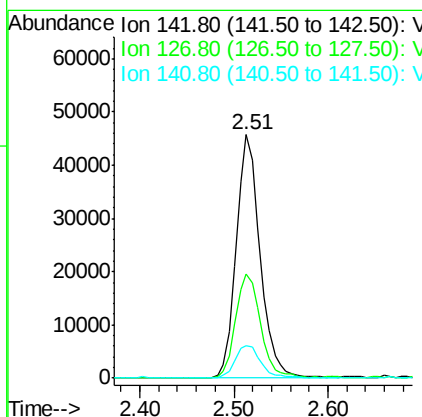
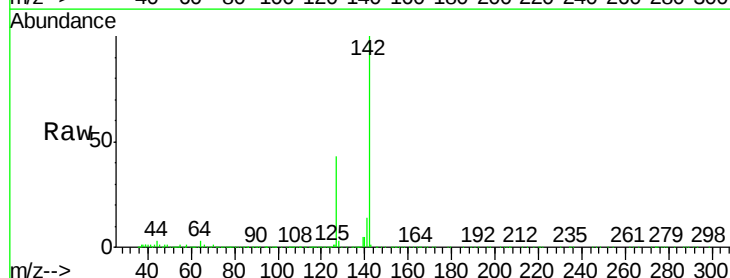
RT: 2.51 min Scan# 223

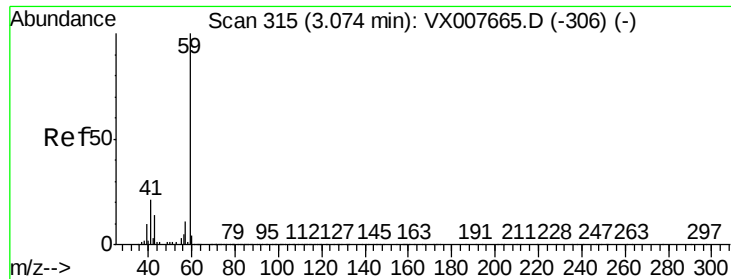
Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Tgt Ion:	142	Resp:	80505
Ion Ratio	Lower	Upper	
142	100		
127	44.8	33.7	50.5
141	14.7	11.3	16.9





#11

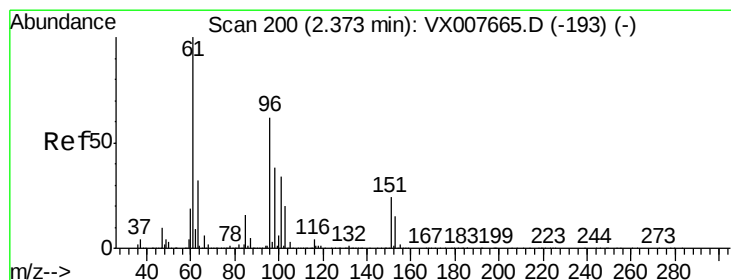
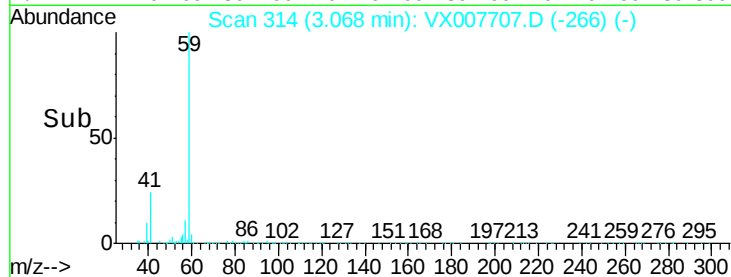
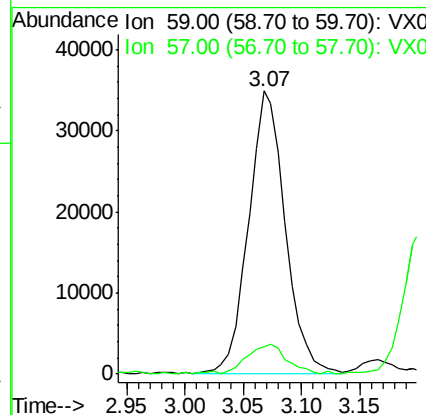
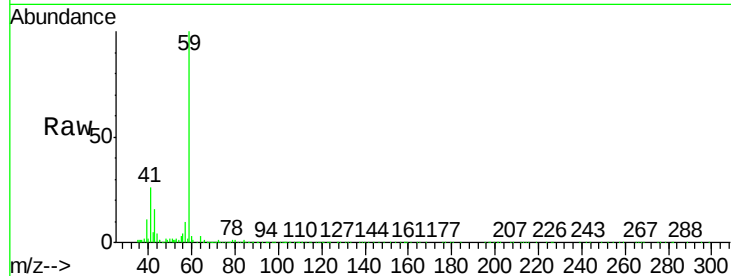
Tert butyl alcohol
Concen: 98.375 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007707.D
Acq: 26 Feb 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
57	12.0	8.1	12.1

Manual Integrations
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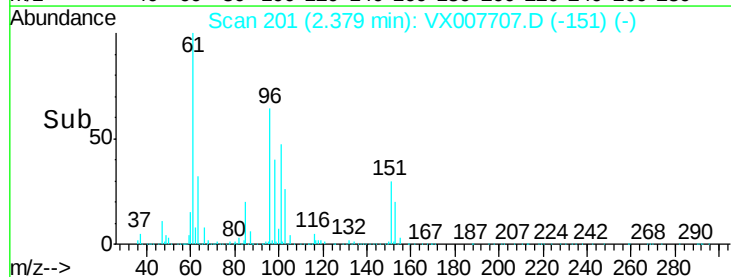
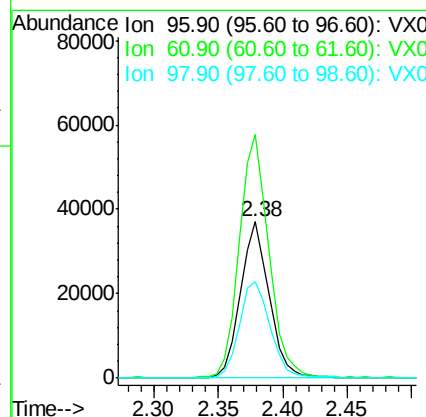
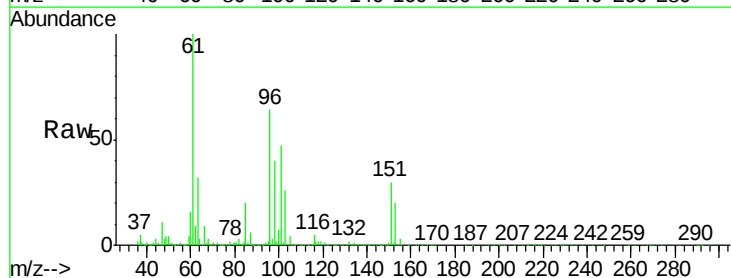
MMDadoda
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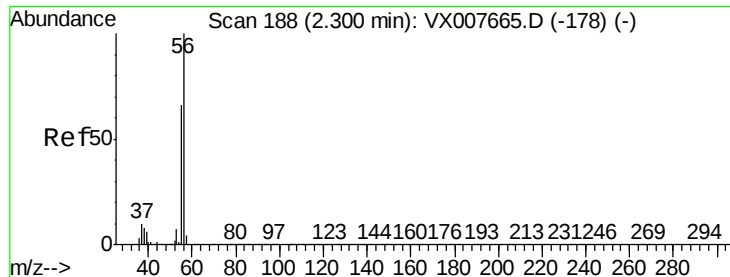


#12

1,1-Dichloroethene
Concen: 19.932 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007707.D
Acq: 26 Feb 2019 10:27

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.5	123.0	184.4
98	61.5	50.9	76.3





#13

Acrolein

Concen: 47.348 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

Tot Ion: 56 Resp: 32470

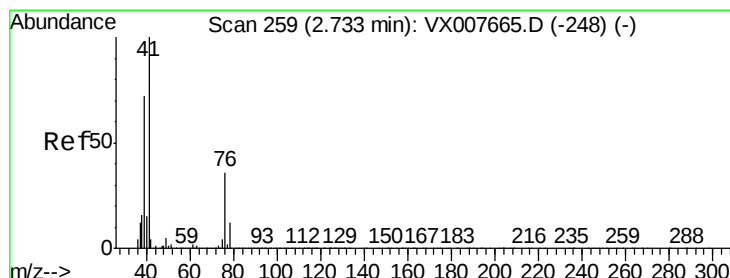
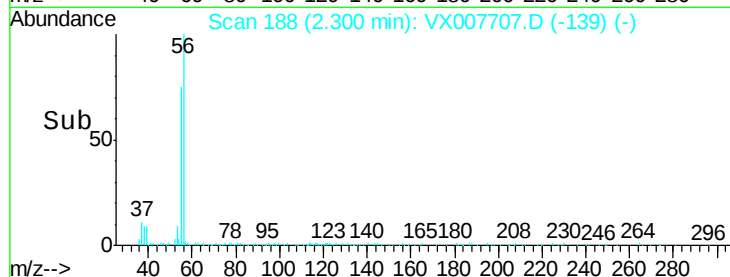
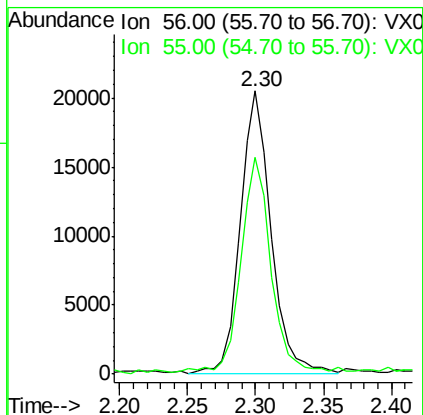
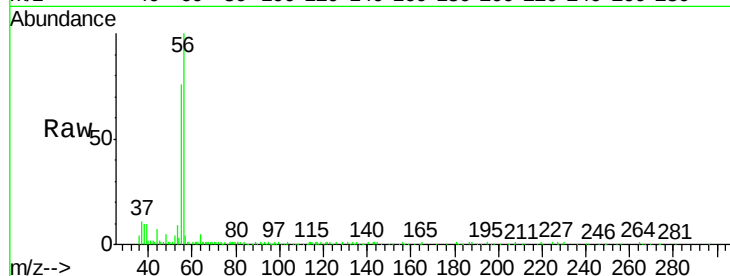
Ion Ratio Lower Upper

56 100

55 74.4 56.9 85.3

Manual Integrations
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#14

Allyl chloride

Concen: 19.075 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

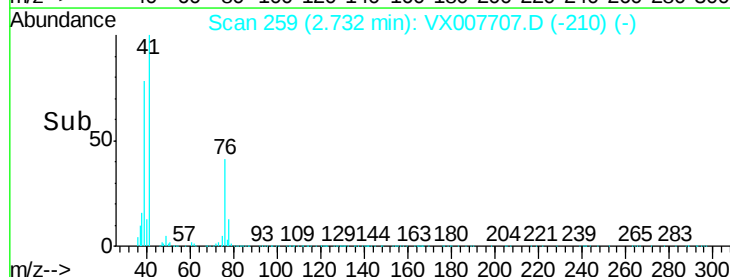
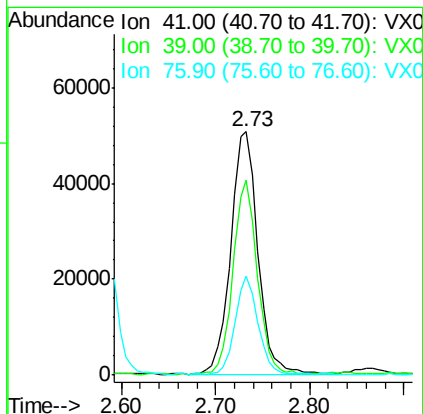
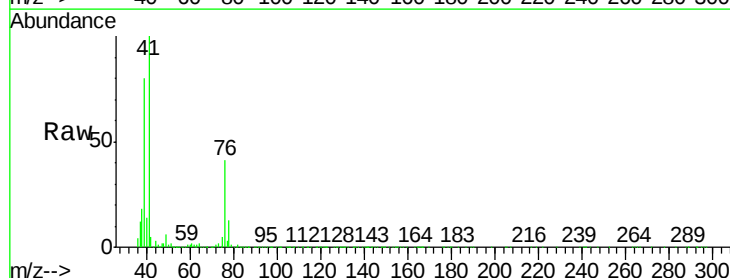
Tgt Ion: 41 Resp: 101308

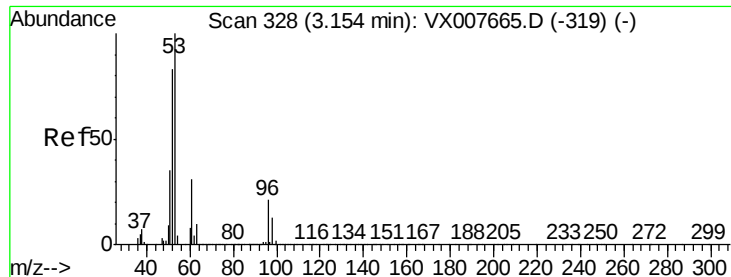
Ion Ratio Lower Upper

41 100

39 72.2 54.1 81.1

76 34.1 27.8 41.8





#15

Acrylonitrile

Concen: 100.011 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

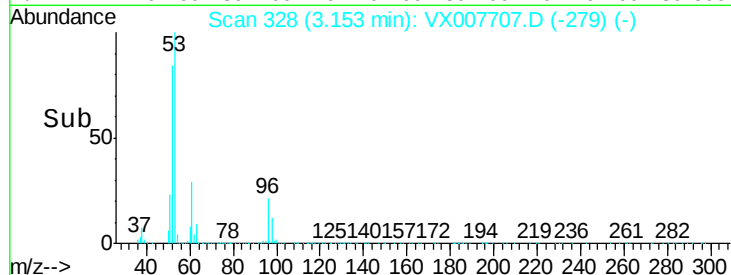
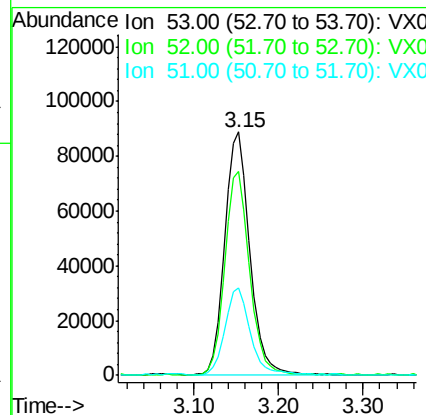
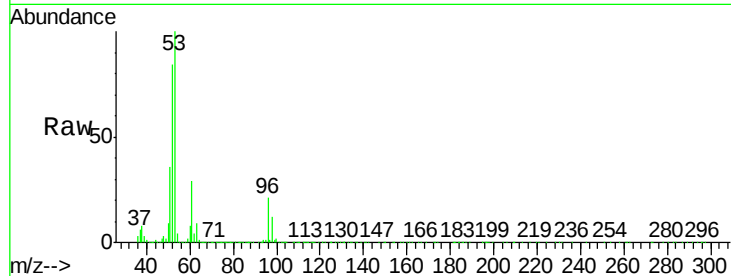
ClientSampleId :

VX0225WBSD02

Tot Ion:	53	Resp:	181634
Ion Ratio		Lower	Upper
53	100		
52	82.7	66.4	99.6
51	36.1	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 117.680 ug/l

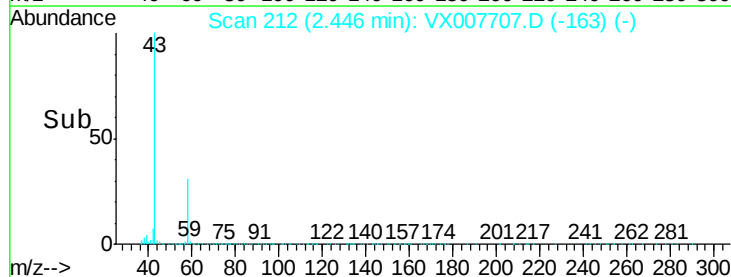
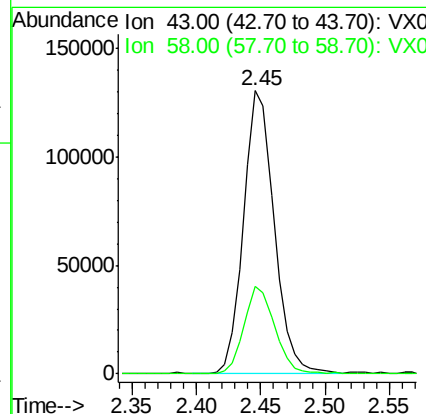
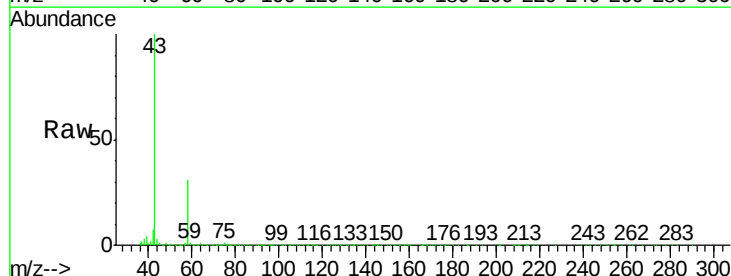
RT: 2.45 min Scan# 212

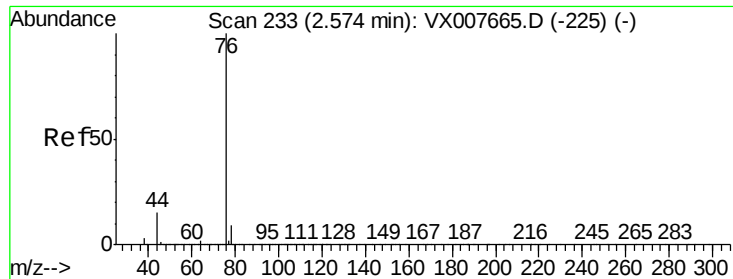
Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Tgt Ion:	43	Resp:	212860
Ion Ratio		Lower	Upper
43	100		
58	30.9	24.9	37.3





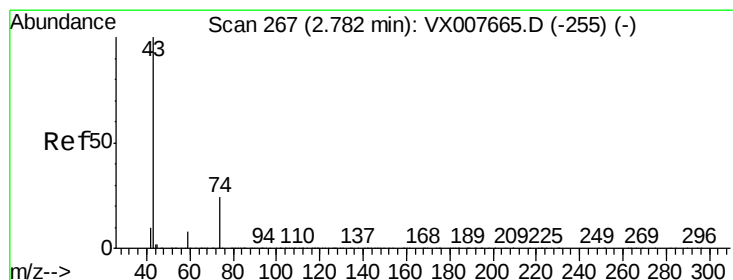
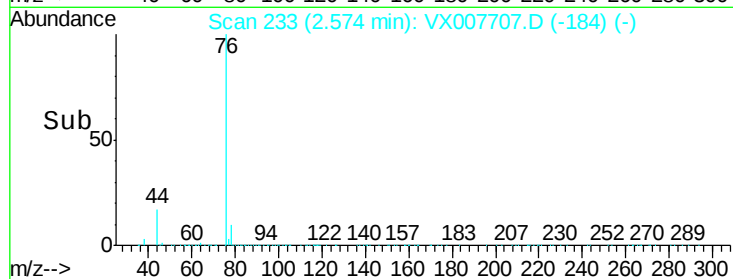
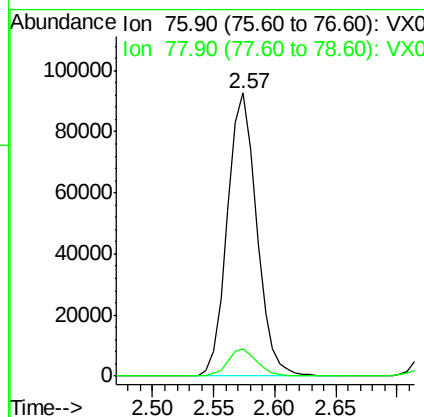
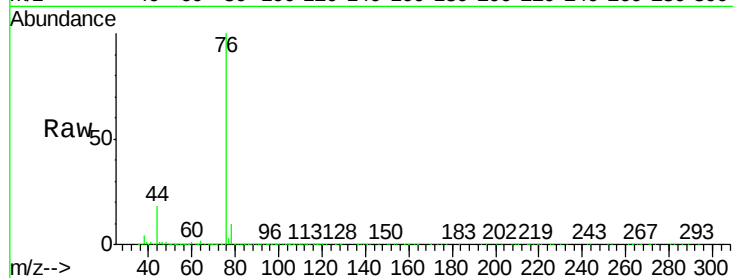
#17
Carbon Disulfide
Concen: 19.235 ug/l
RT: 2.57 min Scan# 233
Delta R.T. -0.00 min
Lab File: VX007707.D
Acq: 26 Feb 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.1	10.7

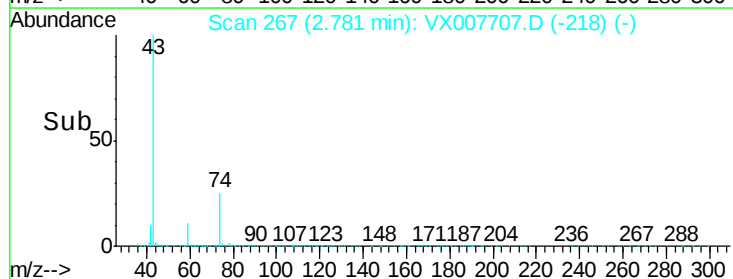
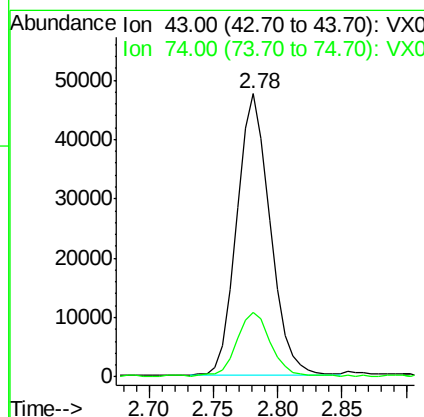
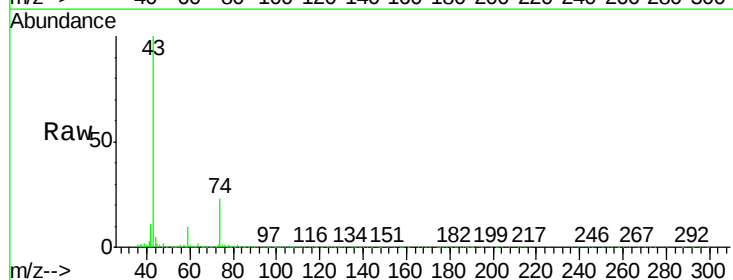
Manual Integrations
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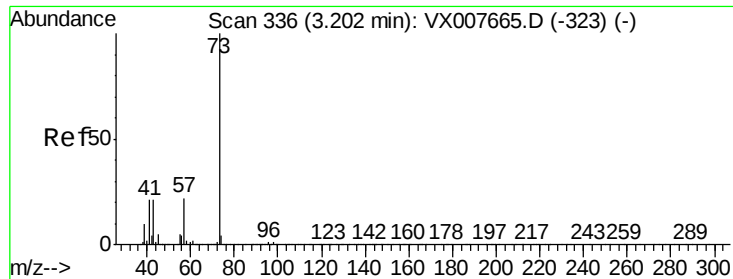
MMDadoda
2/26/2019 3:05:17 PM



#18
Methyl Acetate
Concen: 21.633 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007707.D
Acq: 26 Feb 2019 10:27

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.8	19.4	29.2





#19

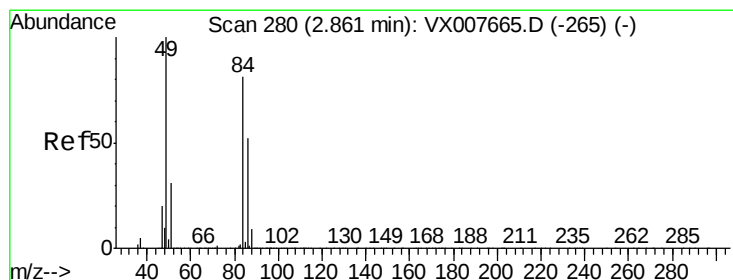
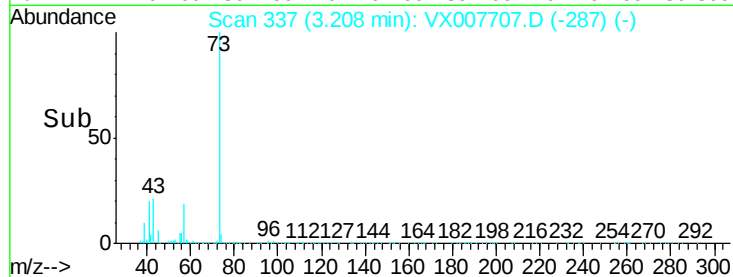
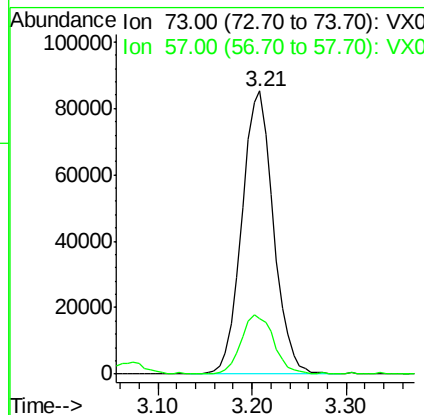
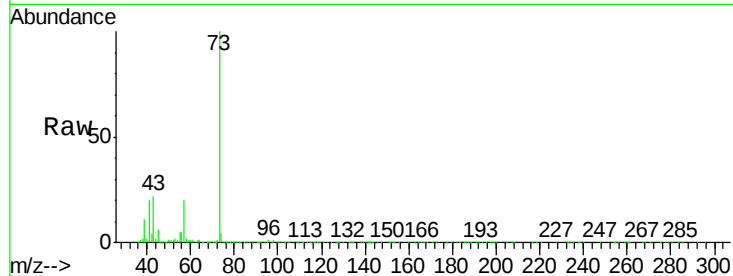
Methyl tert-butyl Ether
 Concen: 19.914 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX007707.D
 Acq: 26 Feb 2019 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.6	17.8	26.8

Manual Integrations
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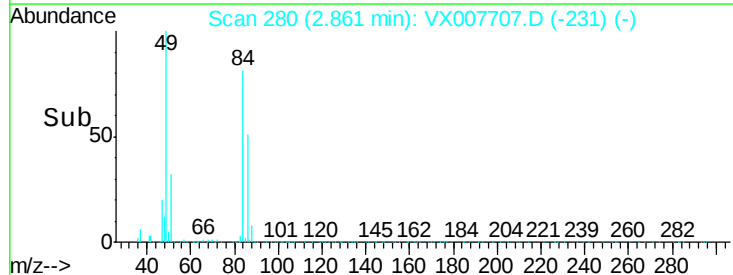
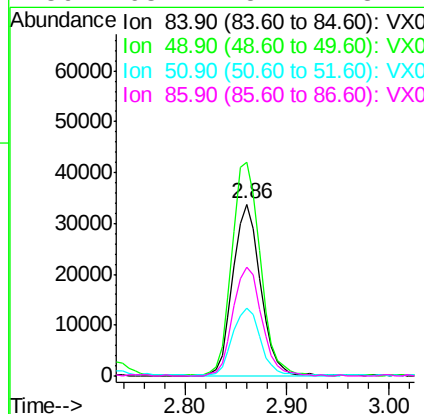
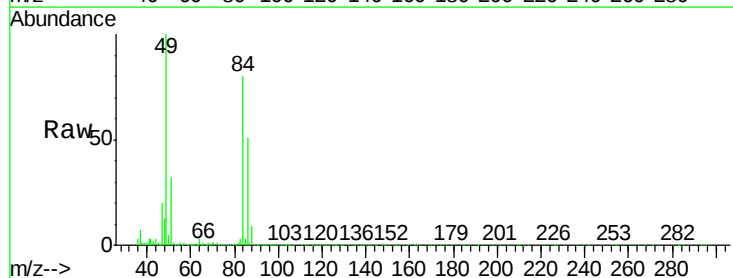
MMDadoda
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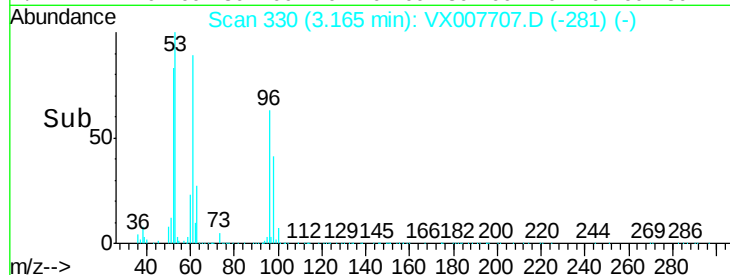
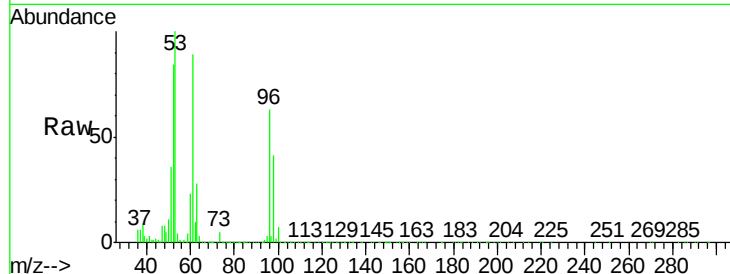
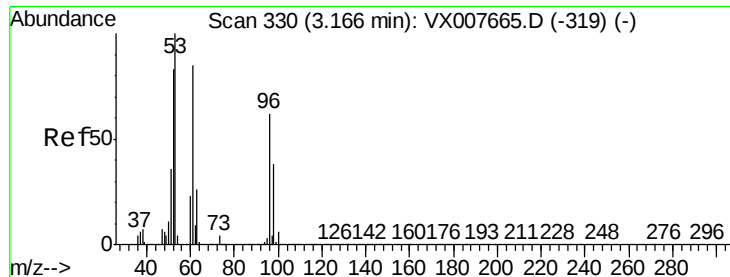


#20

Methylene Chloride
 Concen: 19.161 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. -0.00 min
 Lab File: VX007707.D
 Acq: 26 Feb 2019 10:27

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.8	94.8	142.2
51	39.5	29.8	44.8
86	63.2	54.1	81.1





#21

trans-1,2-Dichloroethene

Concen: 19.446 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007707.D

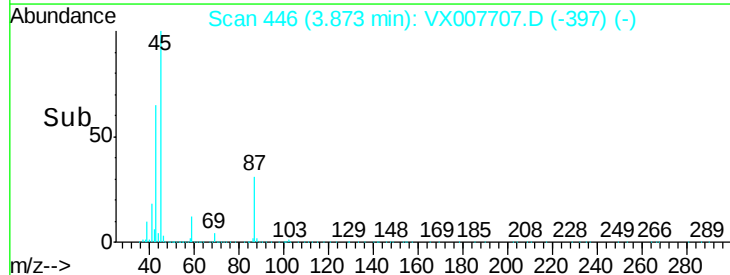
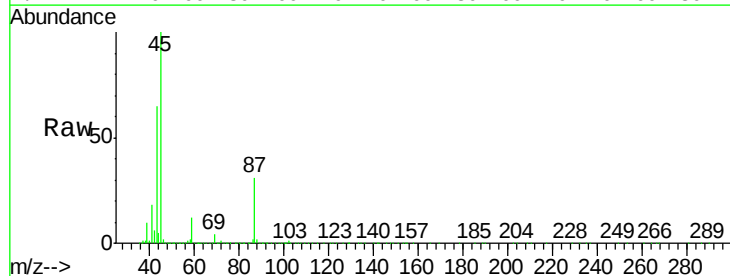
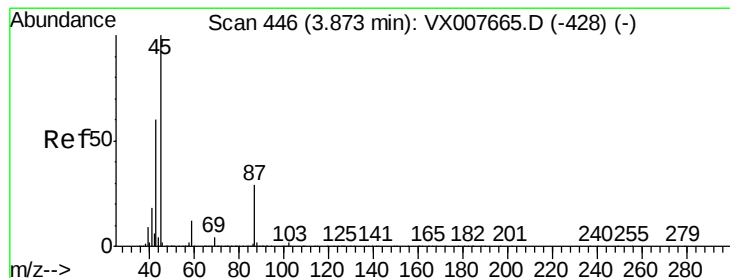
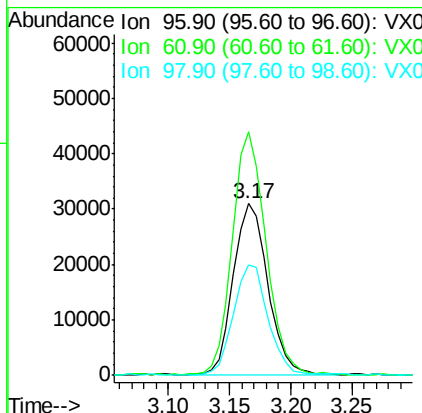
Acq: 26 Feb 2019 10:27

Tot Ion:	96	Resp:	60721
Ion Ratio	Lower	Upper	
96	100		
61	141.2	104.6	156.8
98	64.5	51.0	76.4

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.959 ug/l

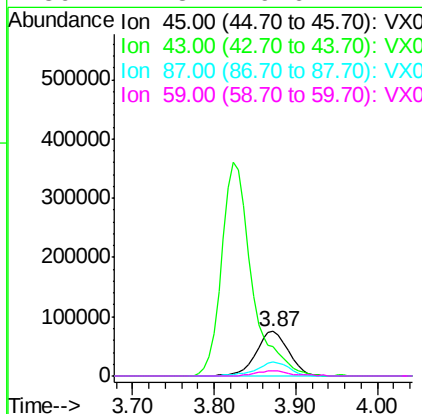
RT: 3.87 min Scan# 446

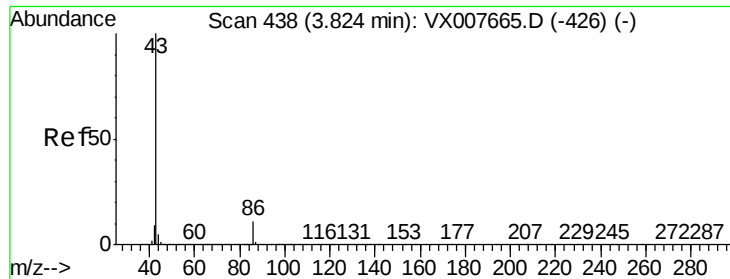
Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Tgt Ion:	45	Resp:	209608
Ion Ratio	Lower	Upper	
45	100		
43	64.5	48.9	73.3
87	30.6	23.9	35.9
59	11.8	9.6	14.4





#23

Vinyl Acetate

Concen: 95.232 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

Tot Ion: 43 Resp: 923746

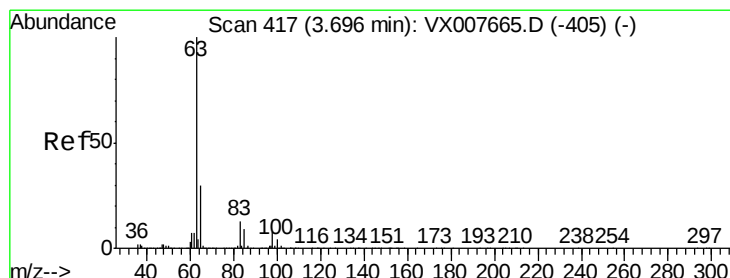
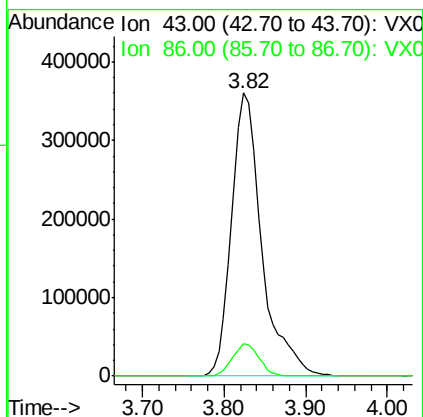
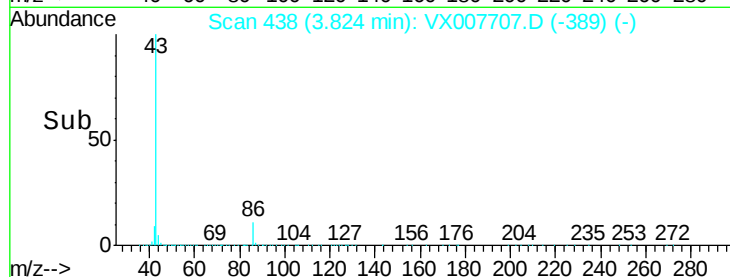
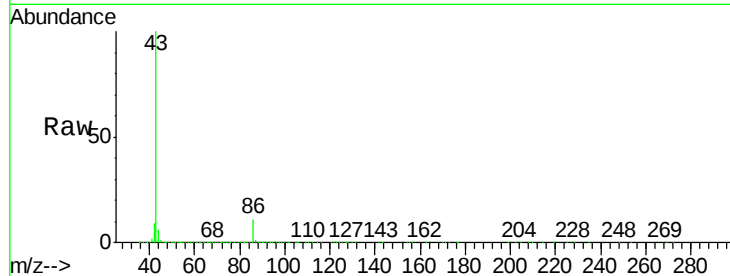
Ion Ratio Lower Upper

43 100

86 11.3 8.7 13.1

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 19.742 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

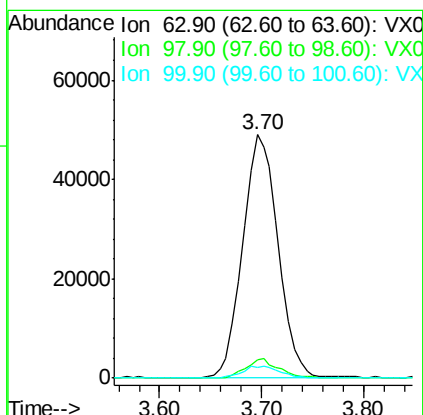
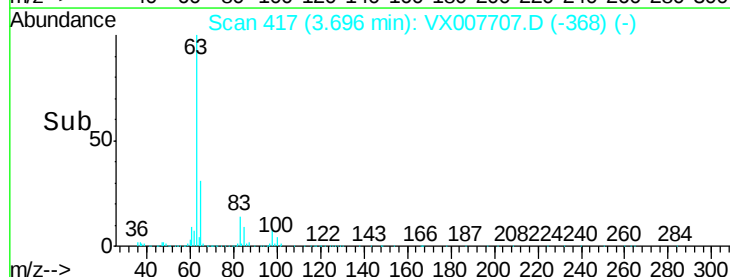
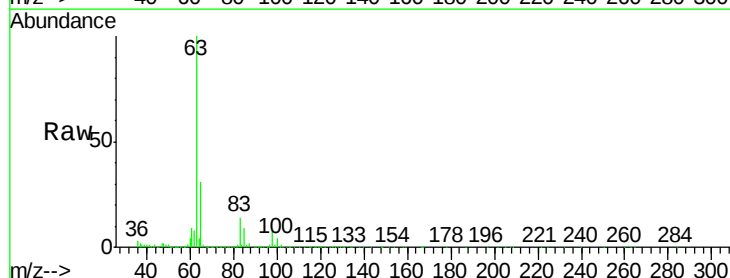
Tgt Ion: 63 Resp: 118624

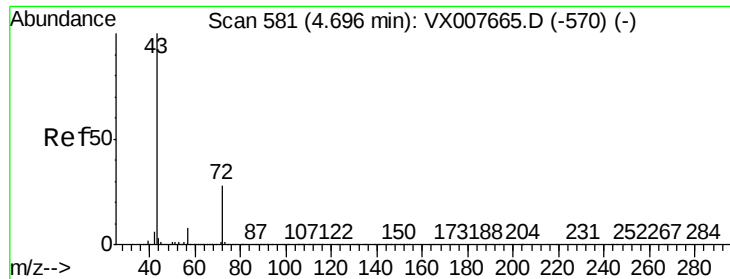
Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.8

100 4.0 2.5 7.4





#25

2-Butanone

Concen: 104.438 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX007707.D

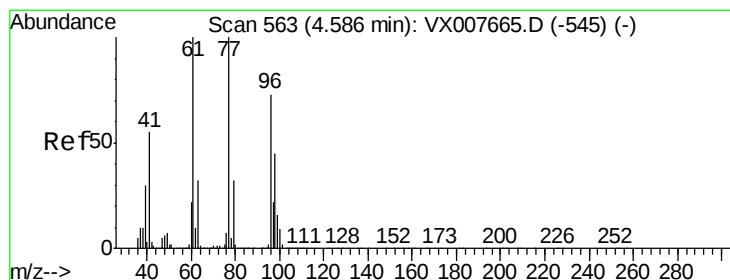
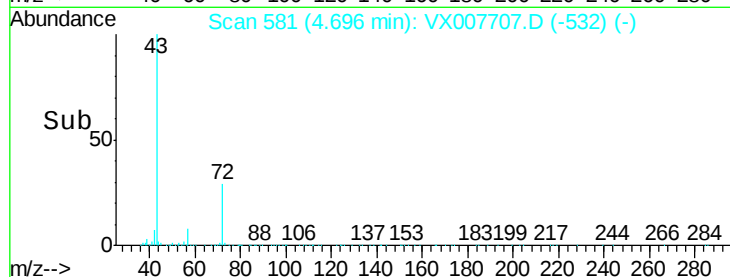
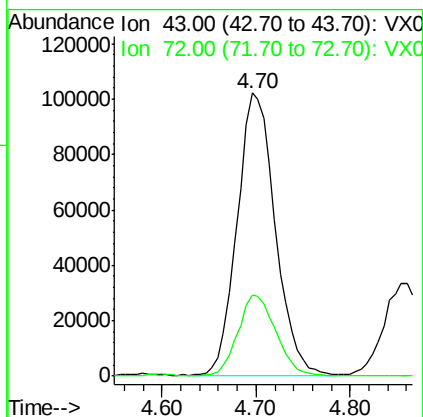
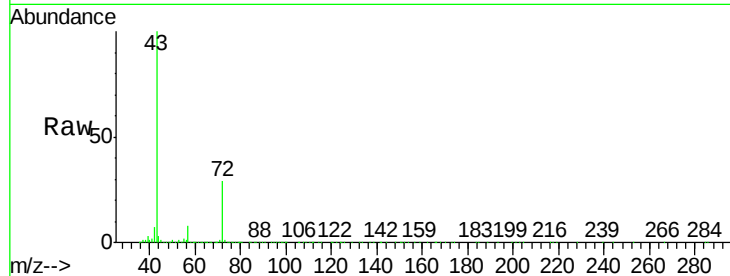
Acq: 26 Feb 2019 10:27

Tot Ion:	43	Resp:	287756
Ion Ratio	Lower	Upper	
43	100		
72	28.5	22.2	33.2

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 18.358 ug/l

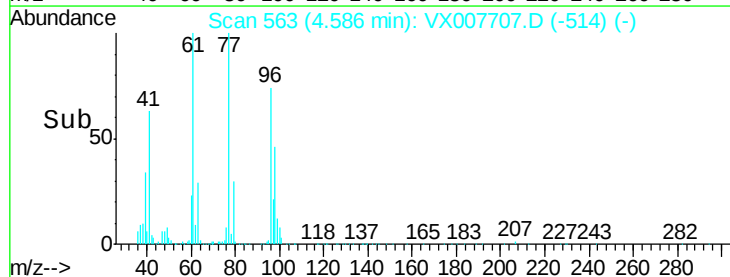
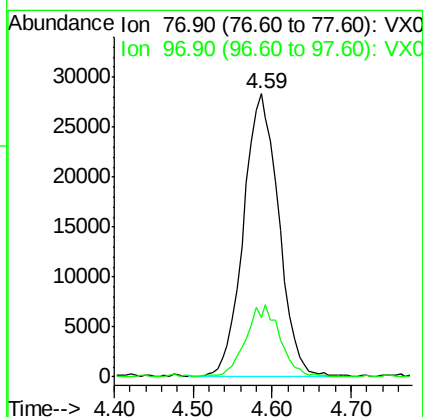
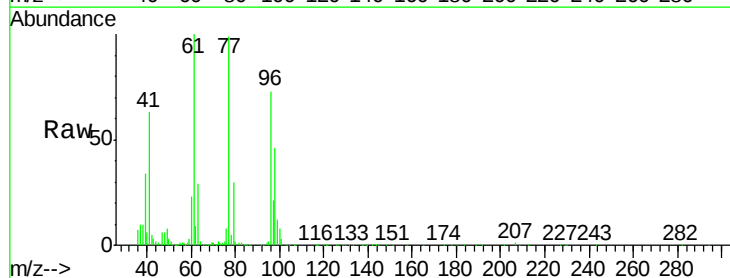
RT: 4.59 min Scan# 563

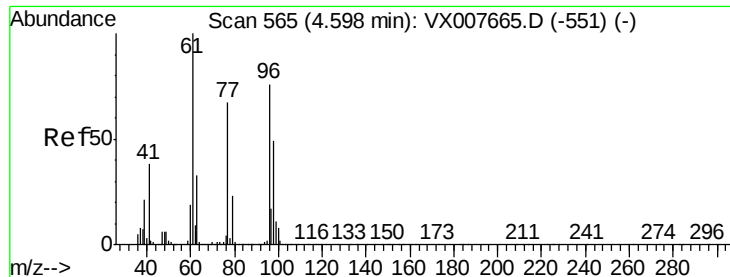
Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Tgt Ion:	77	Resp:	88049
Ion Ratio	Lower	Upper	
77	100		
97	24.8	12.1	36.3





#27

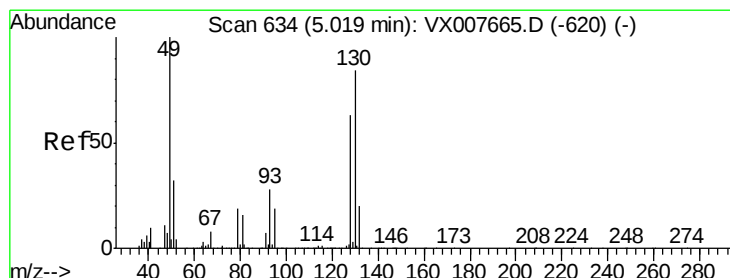
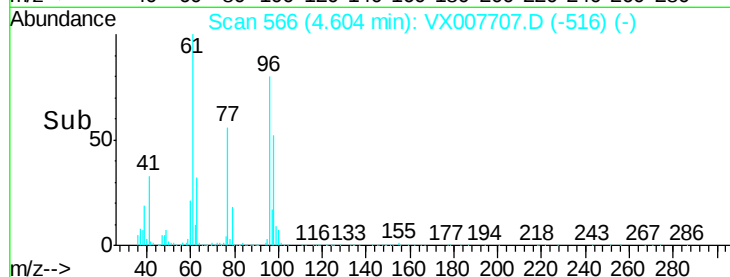
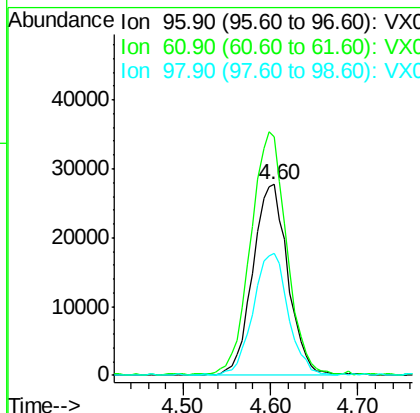
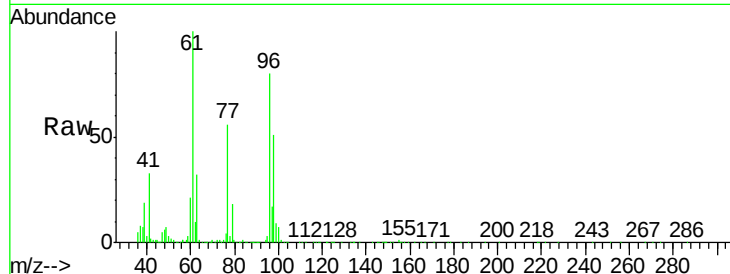
cis-1,2-Dichloroethene
 Concen: 19.566 ug/l
 RT: 4.60 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VX007707.D
 Acq: 26 Feb 2019 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	77739		
61	129.6		0.0	265.6
98	64.2		0.0	131.6

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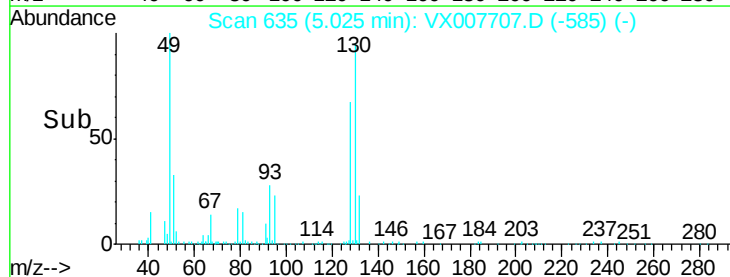
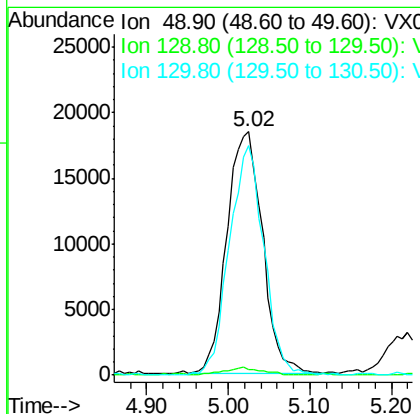
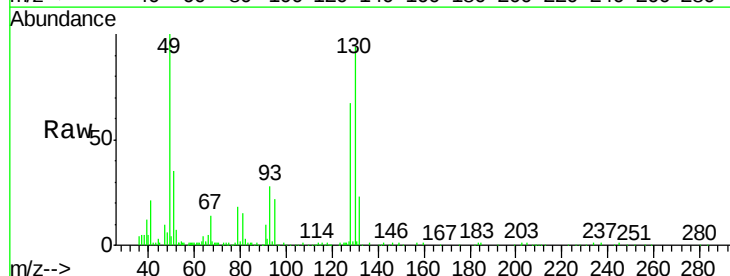
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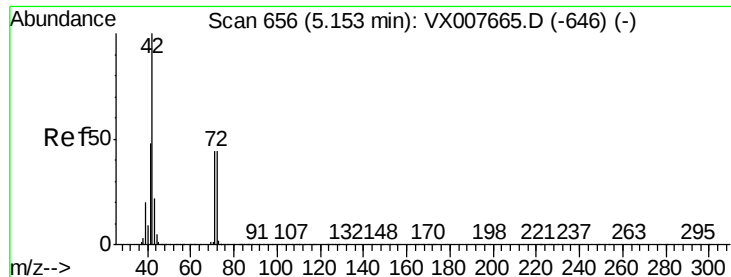


#28

Bromochloromethane
 Concen: 19.108 ug/l
 RT: 5.02 min Scan# 635
 Delta R.T. 0.01 min
 Lab File: VX007707.D
 Acq: 26 Feb 2019 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	55894		
129	3.4		0.0	5.6
130	91.6		75.6	113.4





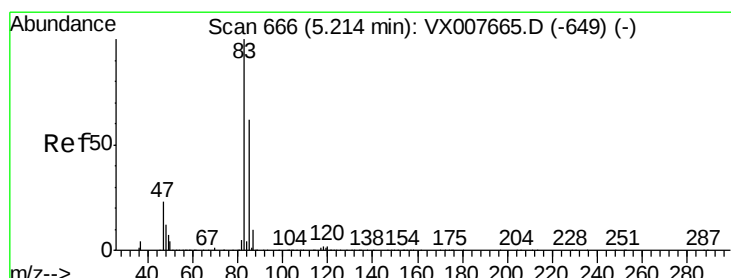
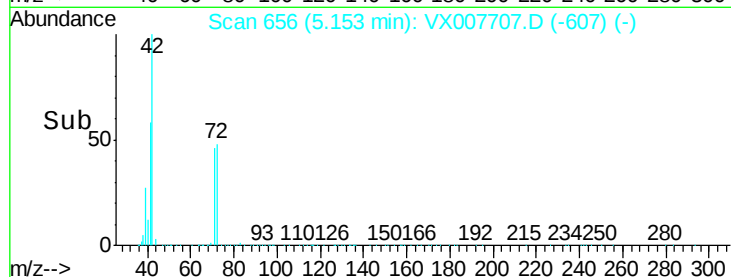
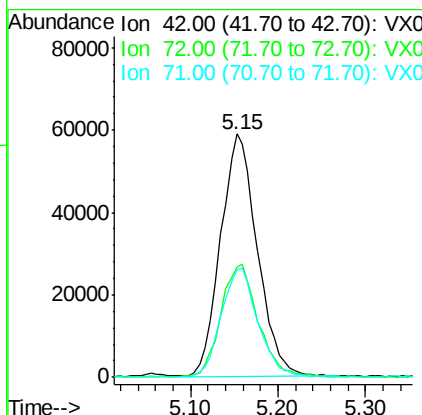
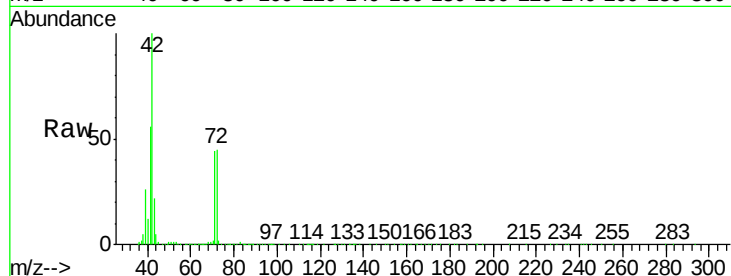
#29
Tetrahydrofuran
Concen: 94.476 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX007707.D
Acq: 26 Feb 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.0	37.6	56.4
71	45.1	34.6	51.8

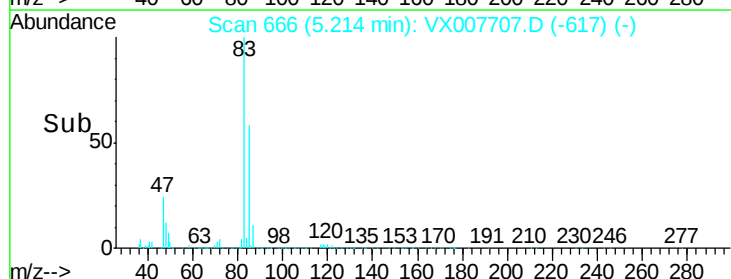
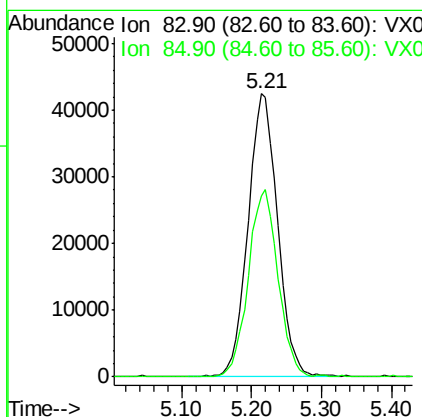
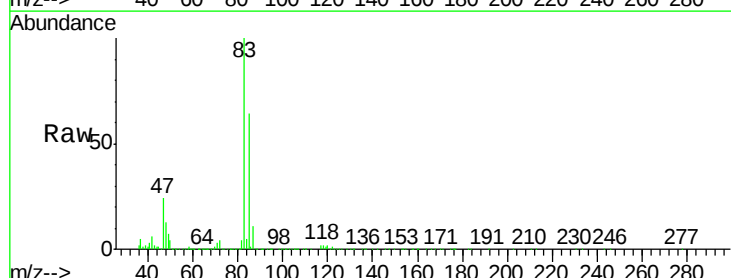
Manual Integrations
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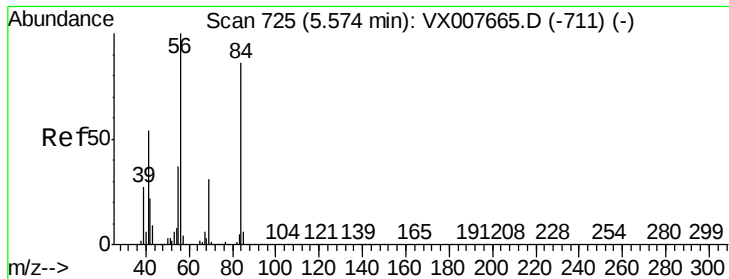
MMDadoda
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#30
Chloroform
Concen: 19.377 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007707.D
Acq: 26 Feb 2019 10:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.6	77.4





#31

Cyclohexane

Concen: 18.469 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

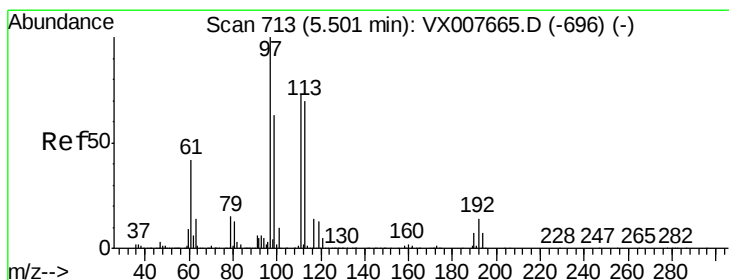
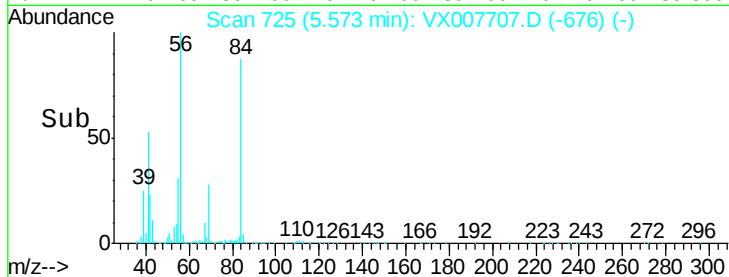
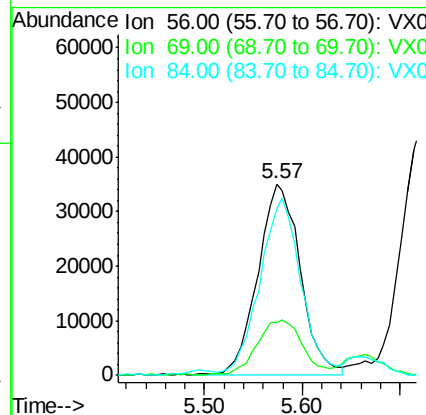
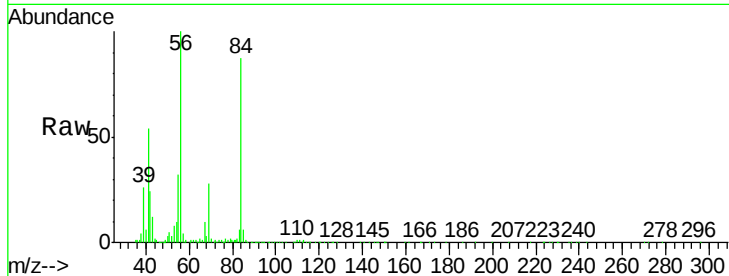
ClientSampleId :

VX0225WBSD02

Tot Ion:	56	Resp:	104388
Ion Ratio		Lower	Upper
56	100		
69	28.0	23.0	34.6
84	85.7	69.8	104.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.638 ug/l

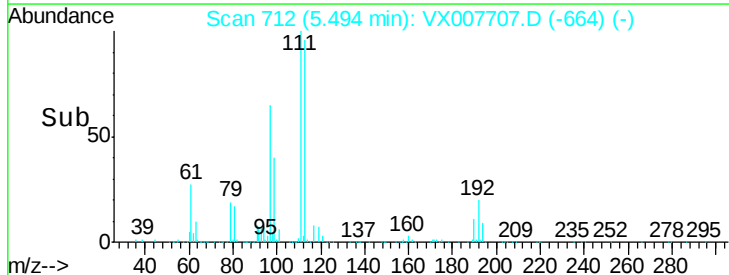
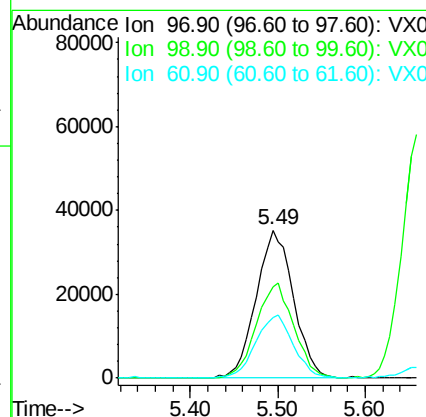
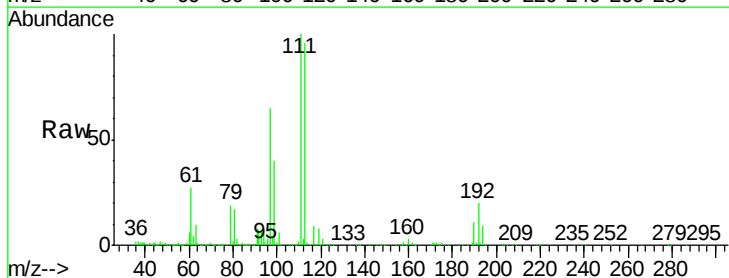
RT: 5.49 min Scan# 712

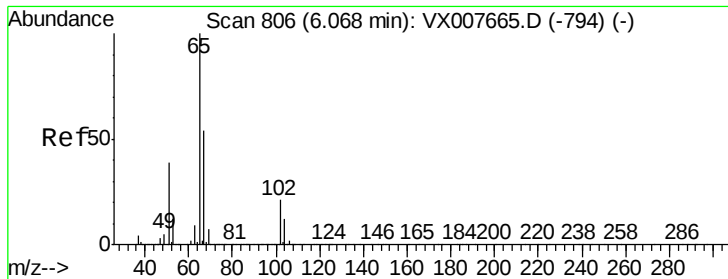
Delta R.T. -0.01 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Tgt Ion:	97	Resp:	104531
Ion Ratio		Lower	Upper
97	100		
99	65.0	52.2	78.2
61	43.0	32.7	49.1





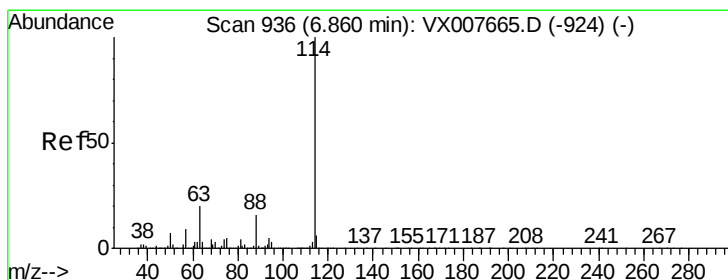
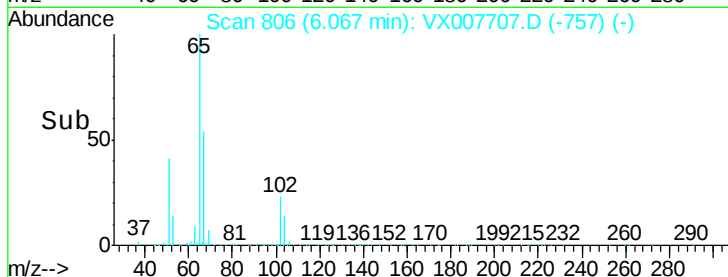
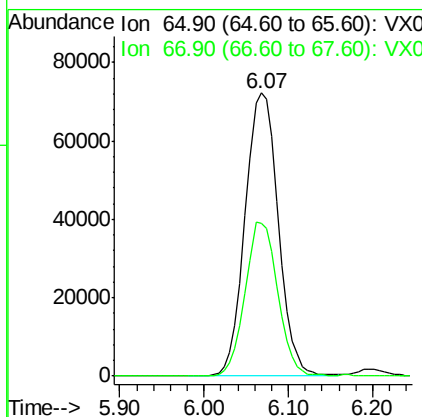
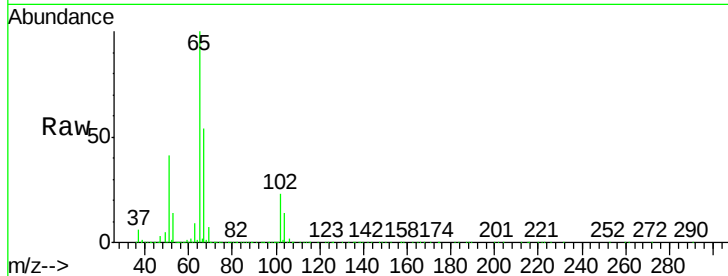
#33
 1,2-Dichloroethane-d4
 Concen: 47.521 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007707.D
 Acq: 26 Feb 2019 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	193291		
67	53.0	0.0	108.8	

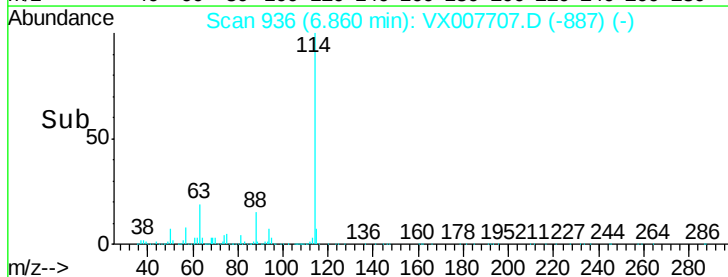
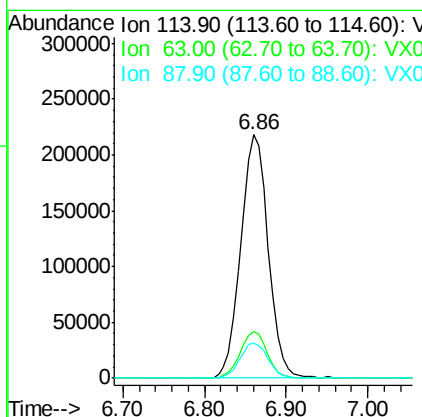
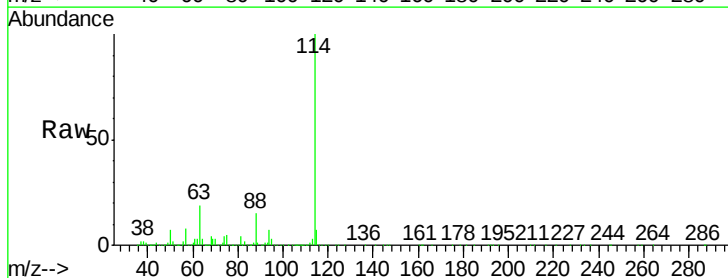
Manual Integrations
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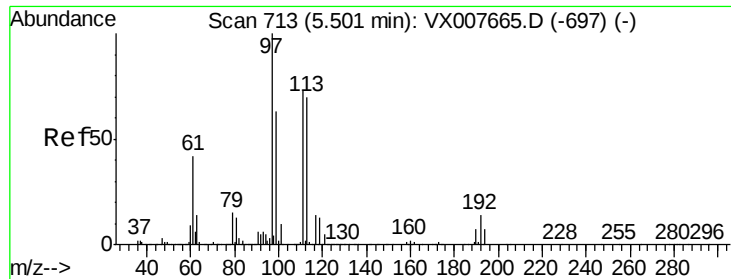
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007707.D
 Acq: 26 Feb 2019 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	509676		
63	18.8	0.0	35.6	
88	14.5	0.0	29.6	





#35

Dibromofluoromethane

Concen: 50.675 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

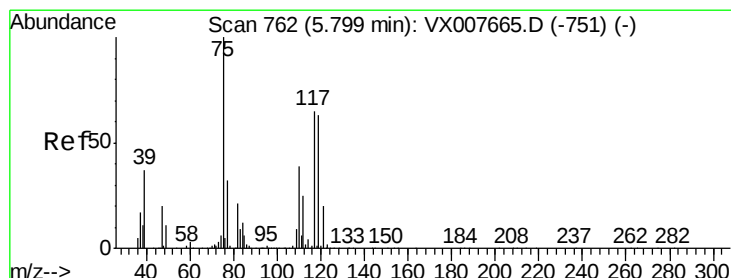
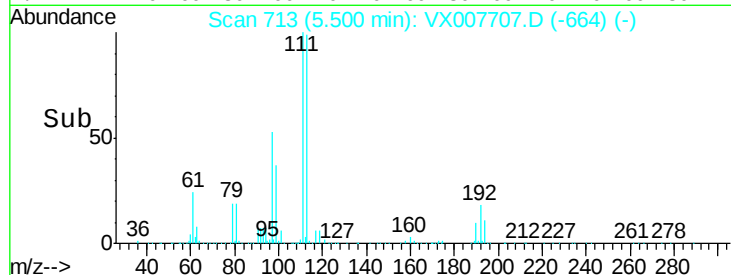
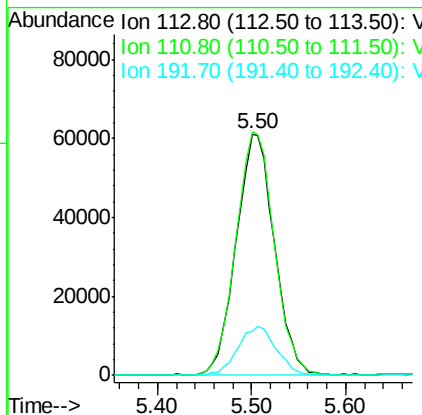
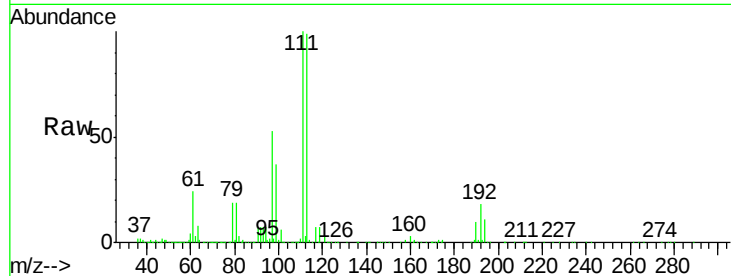
ClientSampleId :

VX0225WBSD02

Tot Ion:	113	Resp:	172650
Ion Ratio	Lower	Upper	
113	100		
111	102.1	81.8	122.8
192	20.7	18.5	27.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.334 ug/l

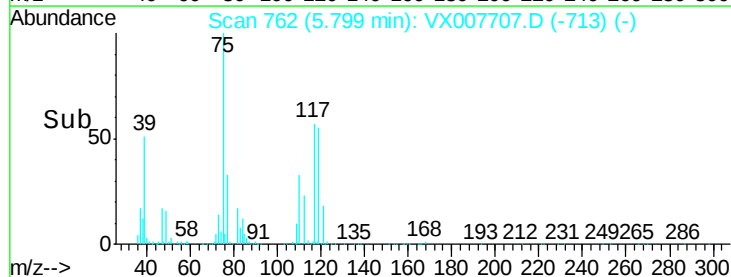
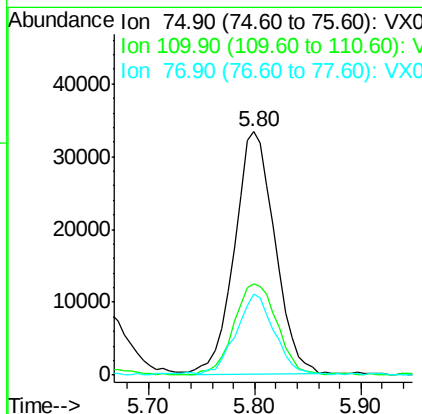
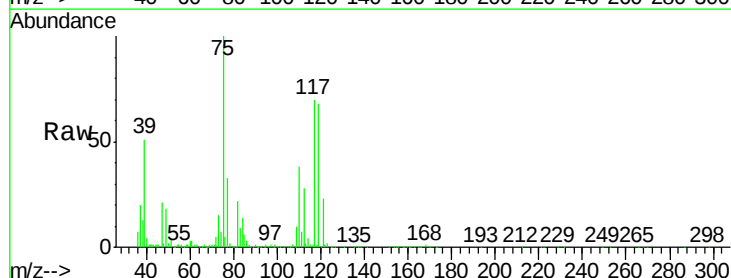
RT: 5.80 min Scan# 762

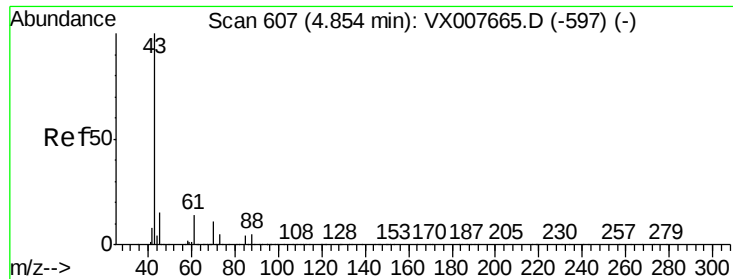
Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Tgt Ion:	75	Resp:	88591
Ion Ratio	Lower	Upper	
75	100		
110	39.9	20.0	59.9
77	31.9	24.7	37.1





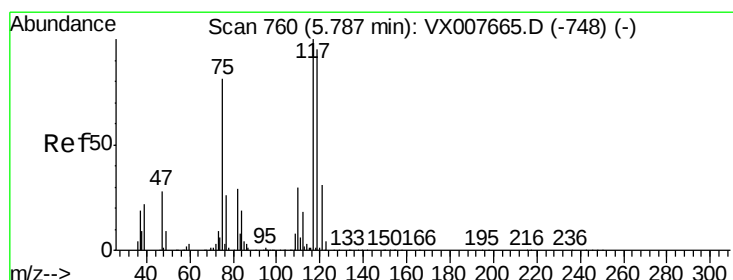
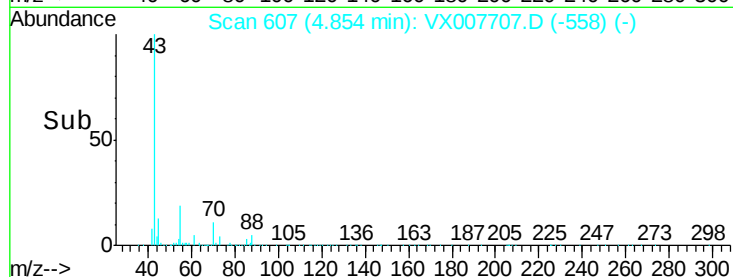
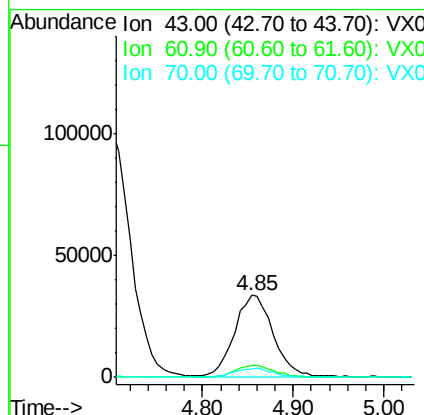
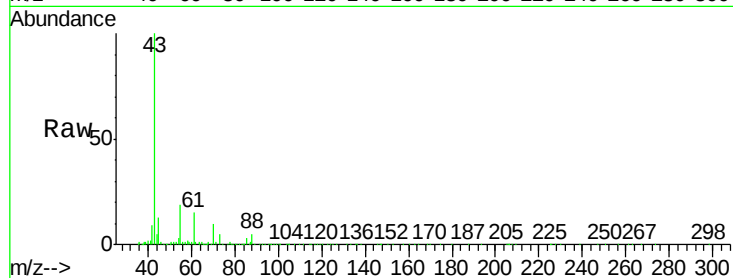
#37
Ethyl Acetate
Concen: 19.206 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007707.D
Acq: 26 Feb 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.3	16.9
70	11.3	8.6	13.0

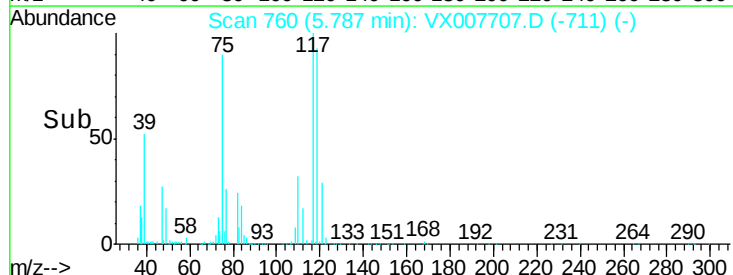
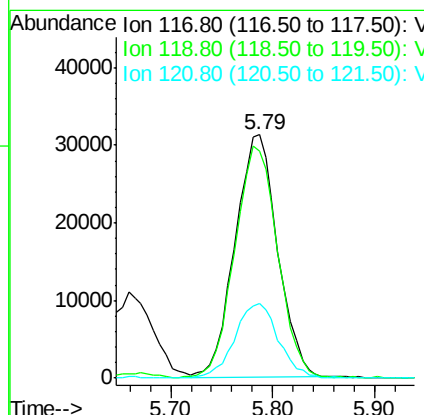
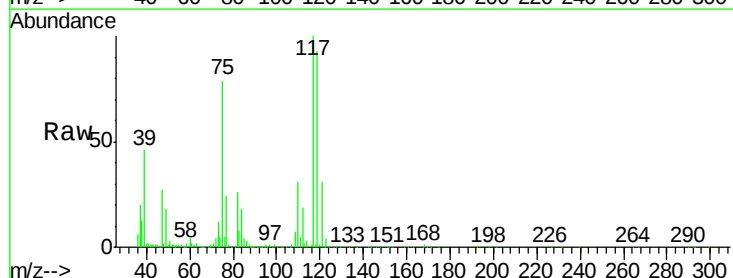
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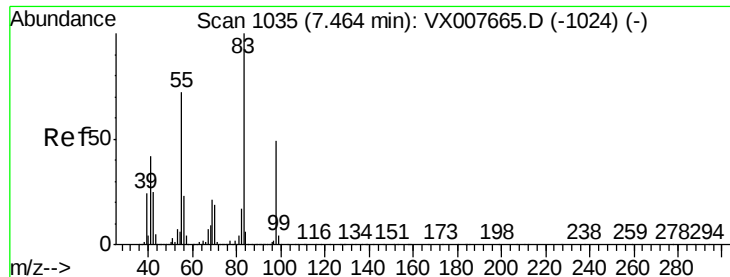
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#38
Carbon Tetrachloride
Concen: 19.642 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX007707.D
Acq: 26 Feb 2019 10:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.3	75.3	112.9
121	30.9	25.0	37.4





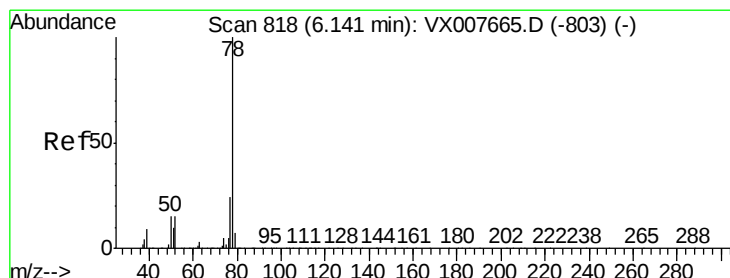
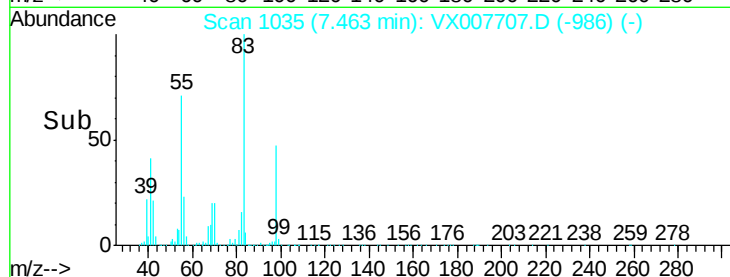
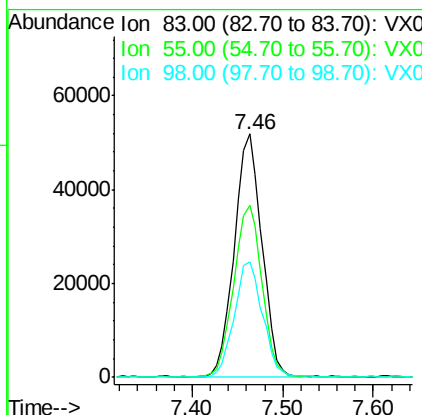
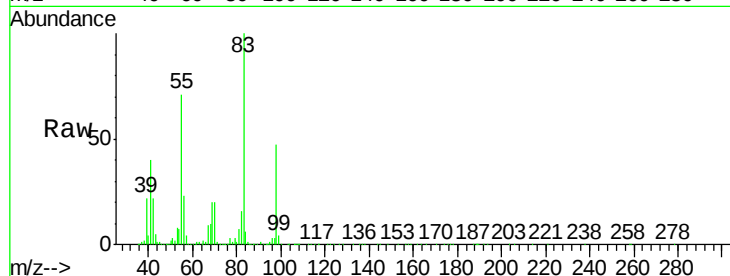
#39
Methvlcvclohexane
Concen: 19.021 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007707.D
Acq: 26 Feb 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
83	100	110152		
55	70.6		56.2	84.2
98	47.4		36.8	55.2

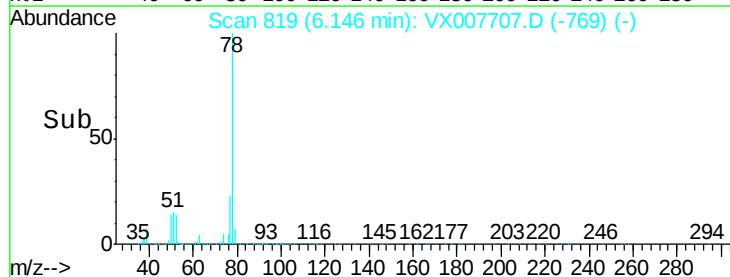
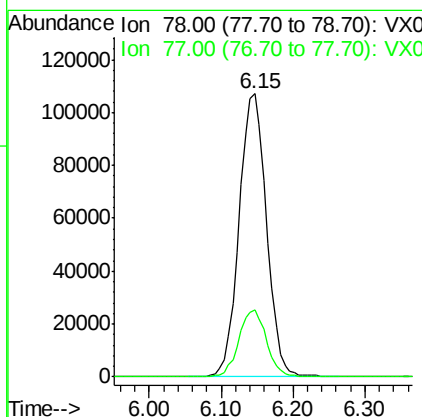
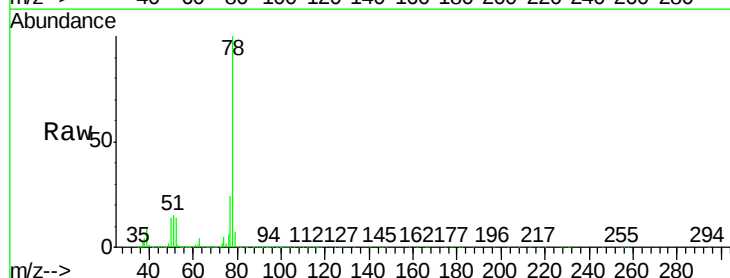
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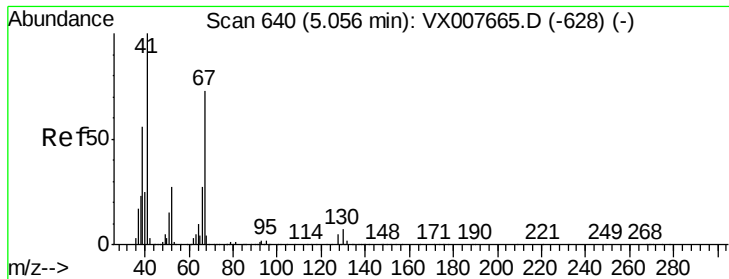
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#40
Benzene
Concen: 19.997 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007707.D
Acq: 26 Feb 2019 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	282855		
77	23.5		19.3	28.9





#41

Methacrylonitrile

Concen: 19.476 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

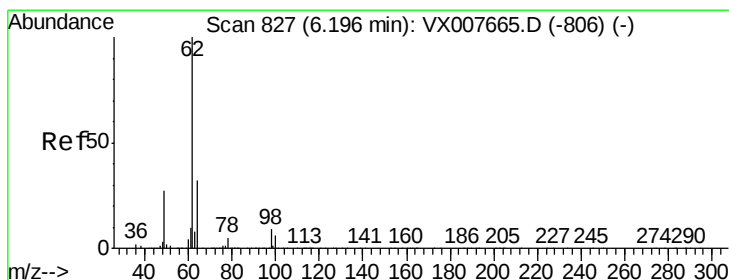
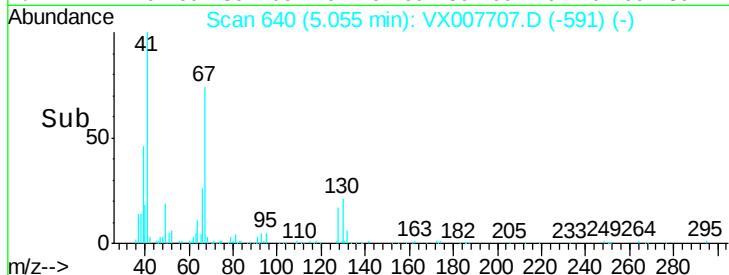
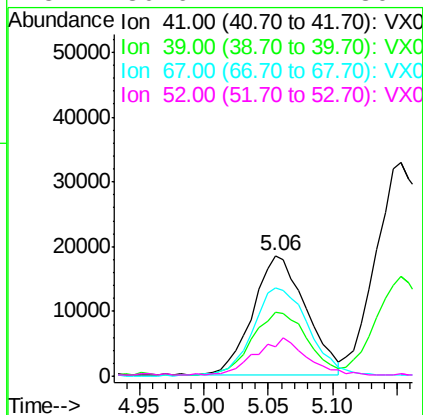
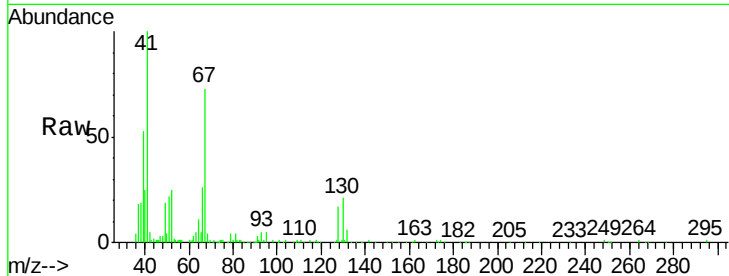
ClientSampleId :

VX0225WBSD02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.7	44.5	66.7	
67	78.8	60.4	90.6	
52	30.6	24.1	36.1	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 20.270 ug/l

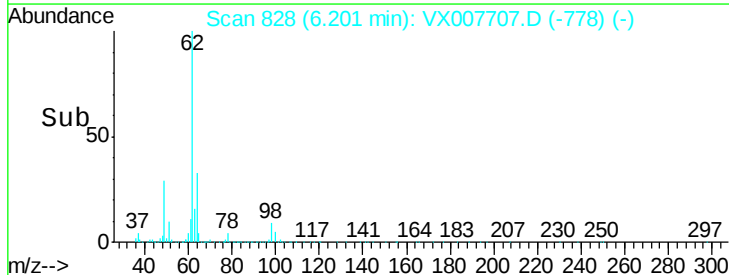
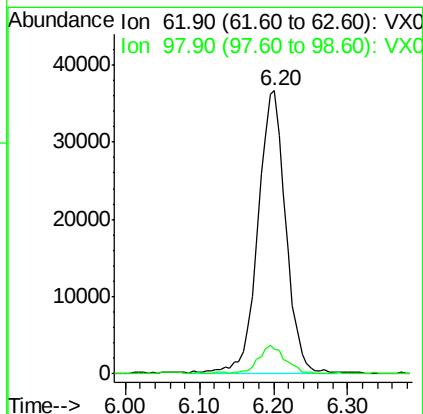
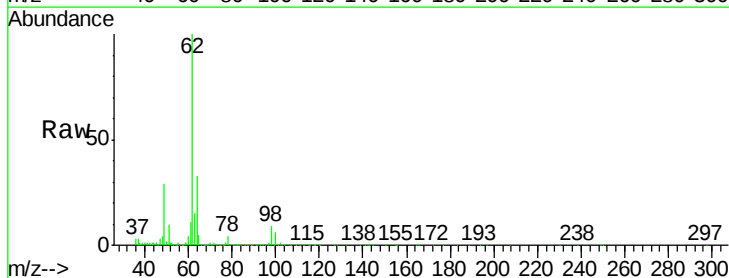
RT: 6.20 min Scan# 828

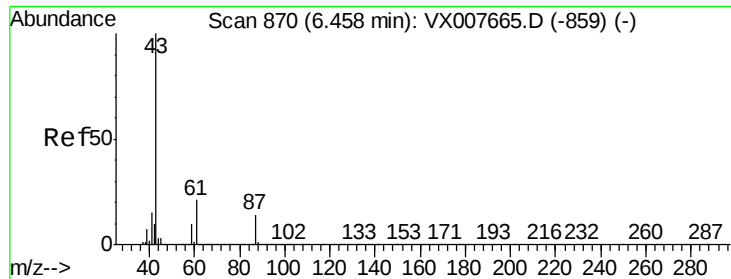
Delta R.T. 0.01 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.8	0.0	19.0	





#43

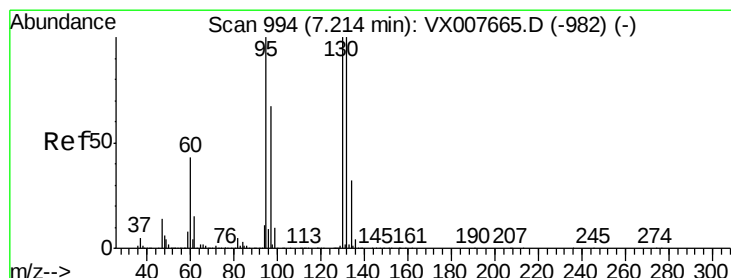
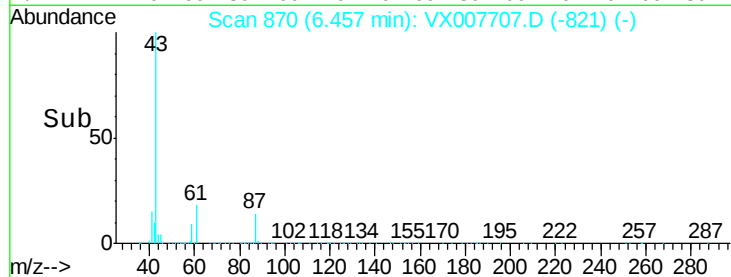
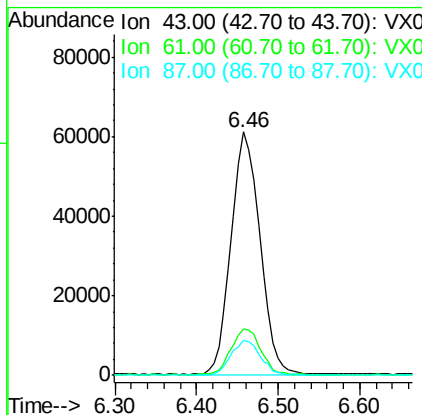
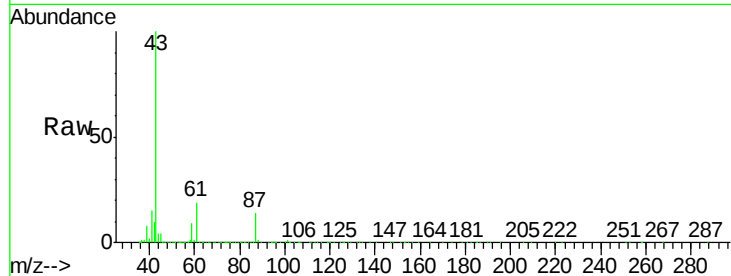
Isopropyl Acetate
 Concen: 19.228 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX007707.D
 Acq: 26 Feb 2019 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.0	16.1	24.1
87	14.4	11.5	17.3

Manual Integrations
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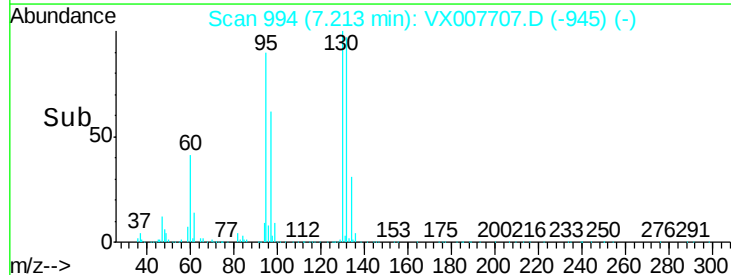
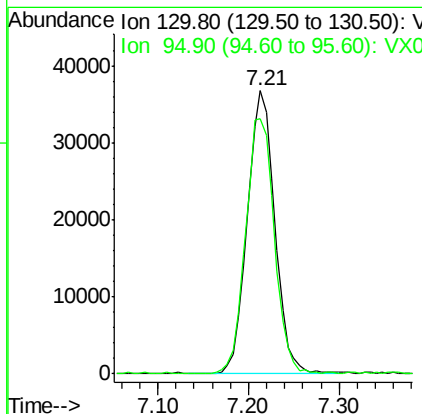
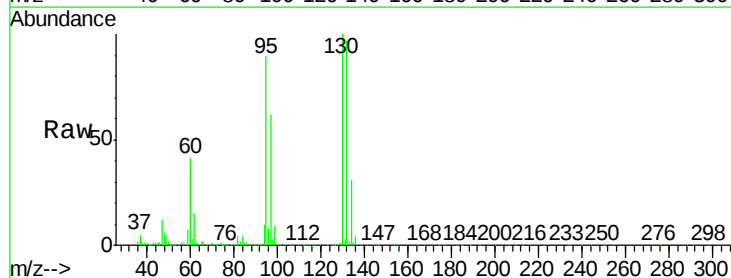
MMDadoda
 2/26/2019 3:05:17 PM

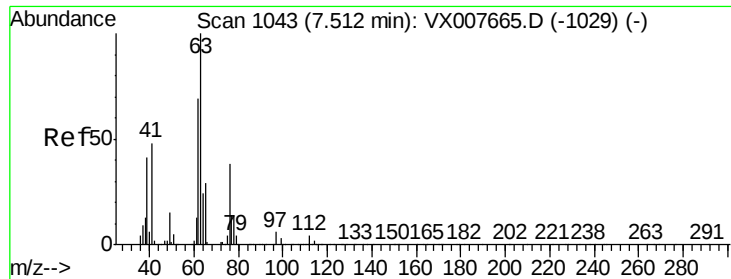


#44

Trichloroethene
 Concen: 19.857 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX007707.D
 Acq: 26 Feb 2019 10:27

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.4	0.0	180.0





#45

1,2-Dichloropropane

Concen: 19.929 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

Tot Ion: 63 Resp: 73022

Ion Ratio Lower Upper

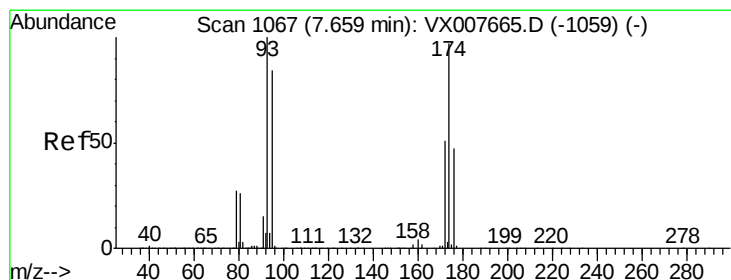
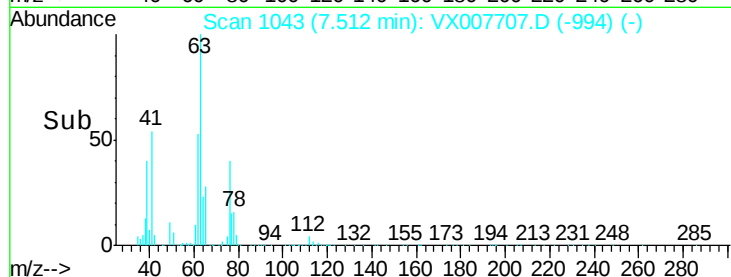
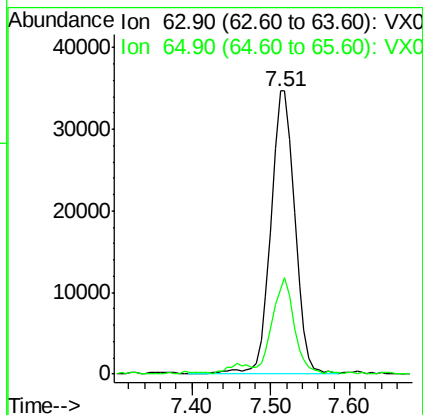
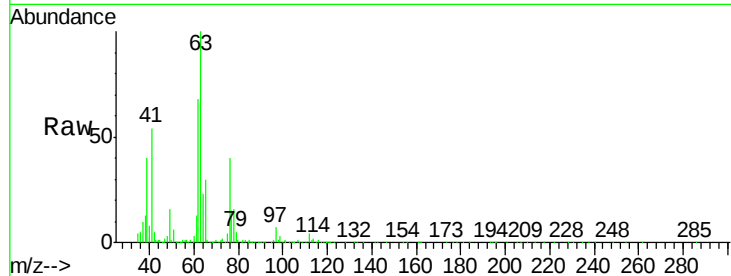
63 100

65 29.6 24.2 36.2

Manual Integrations
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#46

Dibromomethane

Concen: 19.681 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

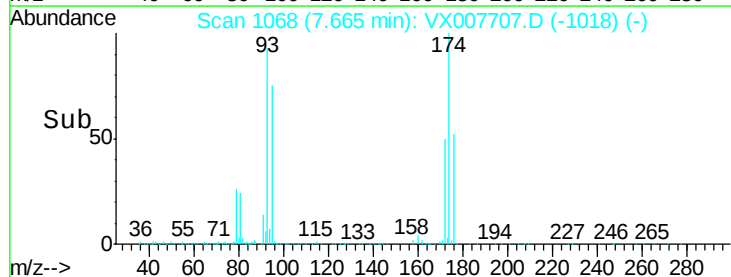
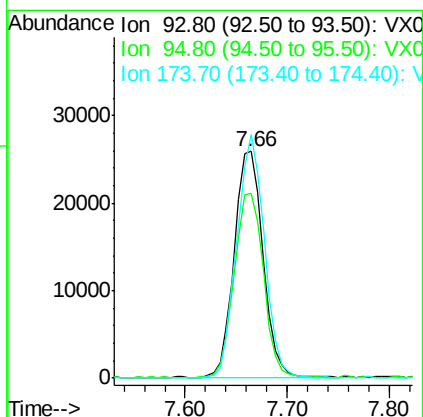
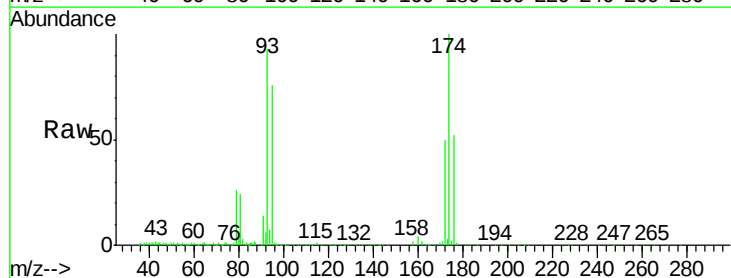
Tgt Ion: 93 Resp: 50309

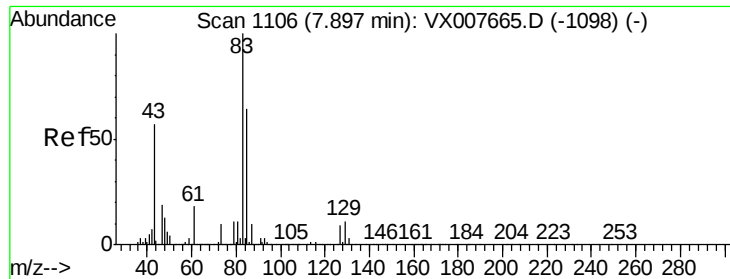
Ion Ratio Lower Upper

93 100

95 83.8 67.6 101.4

174 104.3 94.2 141.4





#47

Bromodichloromethane

Concen: 20.234 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

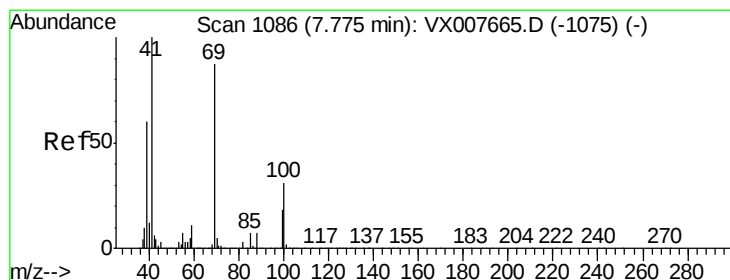
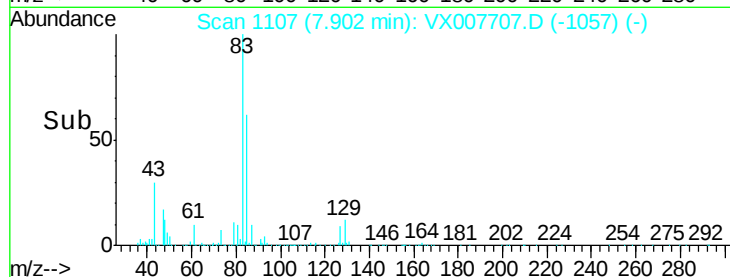
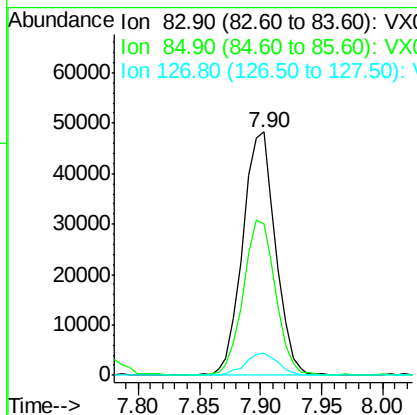
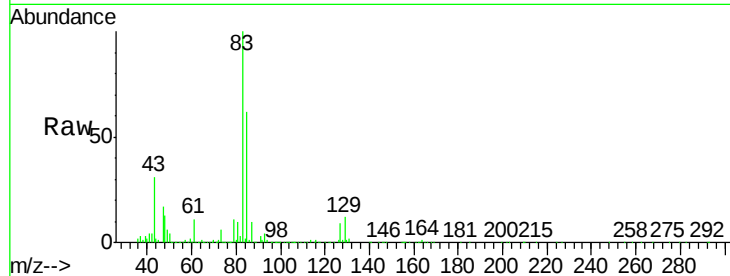
ClientSampleId :

VX0225WBSD02

Tot Ion:	83	Resp:	89631
Ion Ratio	Lower	Upper	
83	100		
85	62.3	51.4	77.0
127	9.1	8.1	12.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.652 ug/l

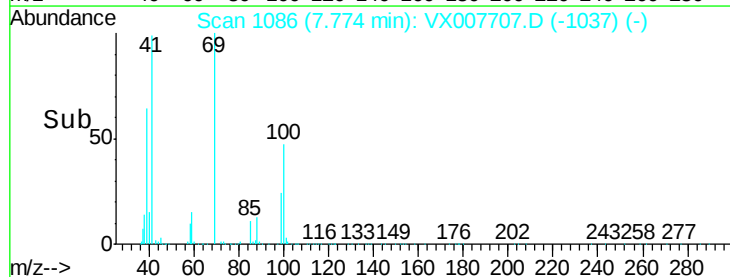
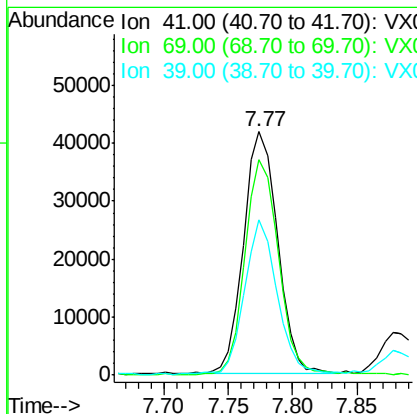
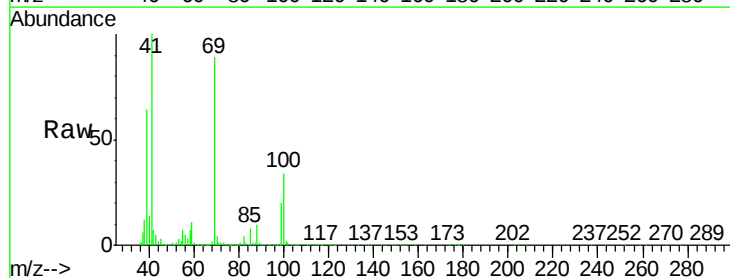
RT: 7.77 min Scan# 1086

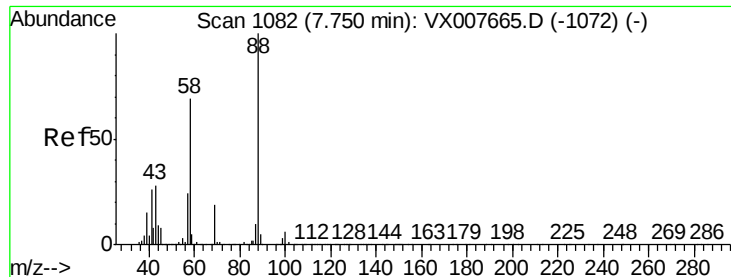
Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Tgt Ion:	41	Resp:	76592
Ion Ratio	Lower	Upper	
41	100		
69	87.4	70.2	105.4
39	61.0	47.4	71.0





#49

1,4-Dioxane

Concen: 402.691 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

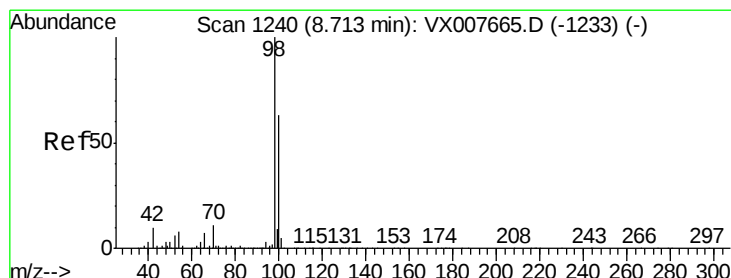
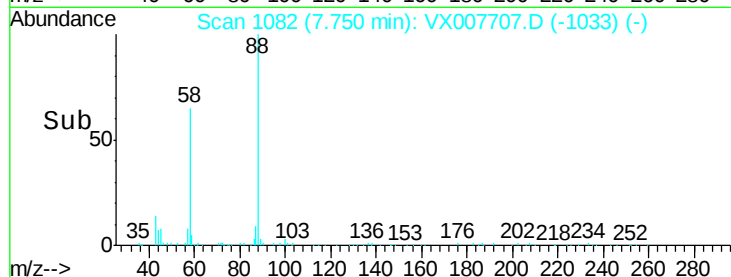
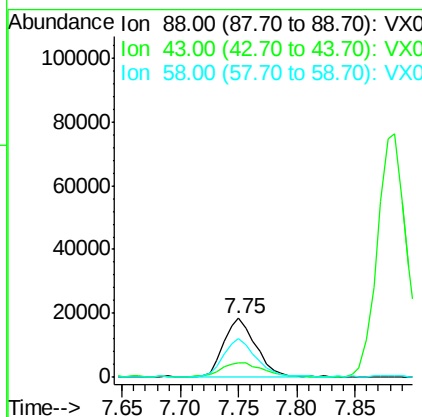
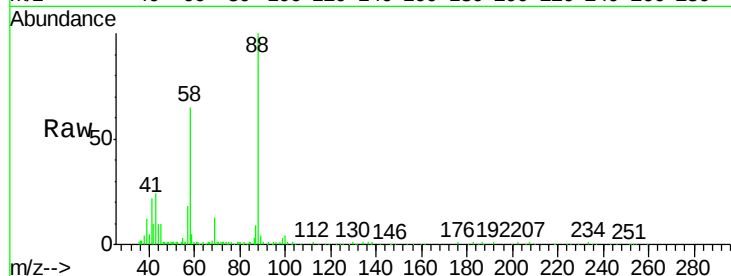
ClientSampleId :

VX0225WBSD02

Tot Ion:	88	Resp:	35715
Ion Ratio	Lower	Upper	
88	100		
43	31.5	24.2	36.4
58	65.5	53.0	79.4

Manual Integrations
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#50

Toluene-d8

Concen: 48.645 ug/l

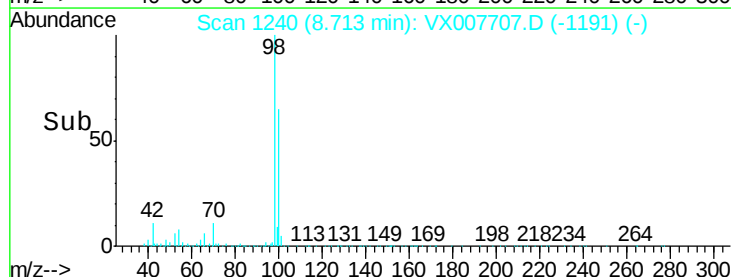
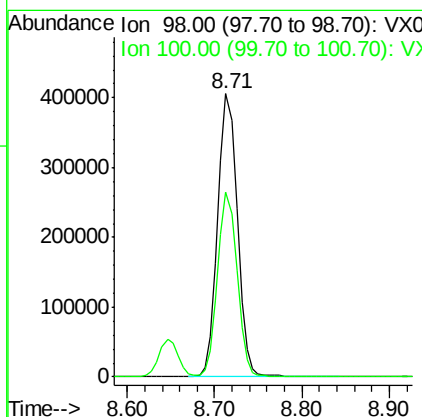
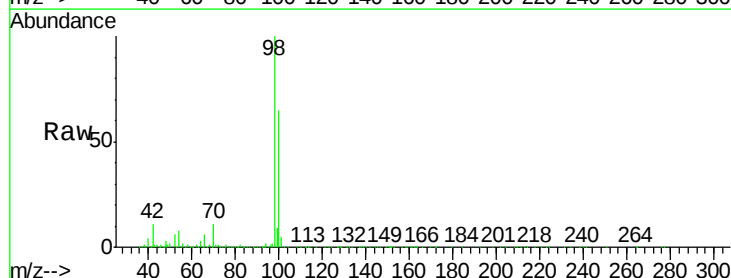
RT: 8.71 min Scan# 1240

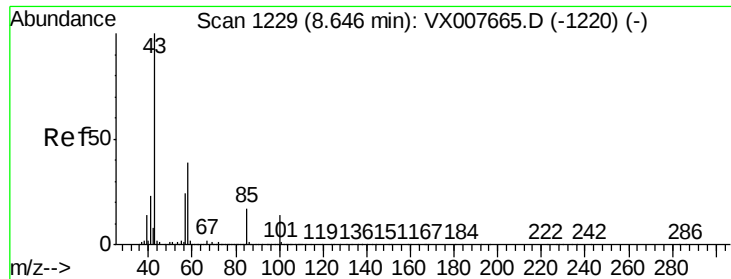
Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Tgt Ion:	98	Resp:	634491
Ion Ratio	Lower	Upper	
98	100		
100	64.9	51.6	77.4





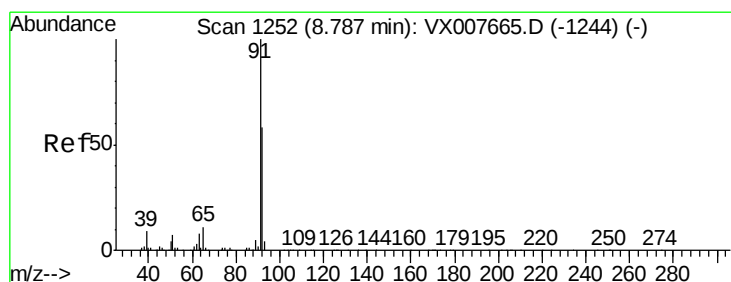
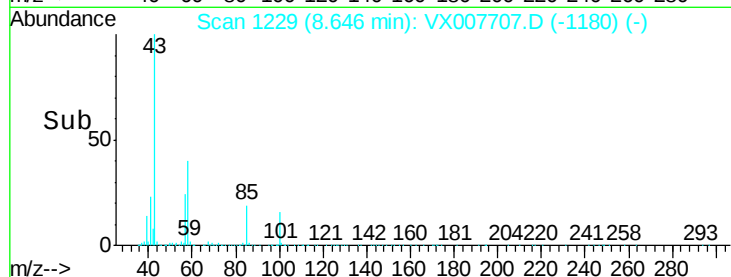
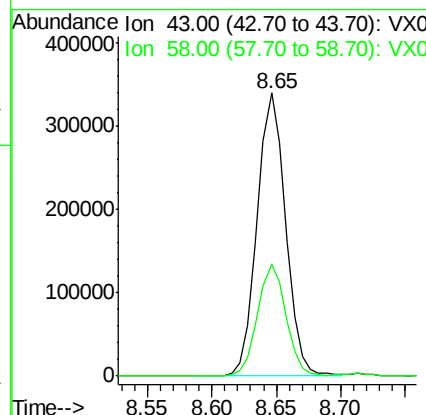
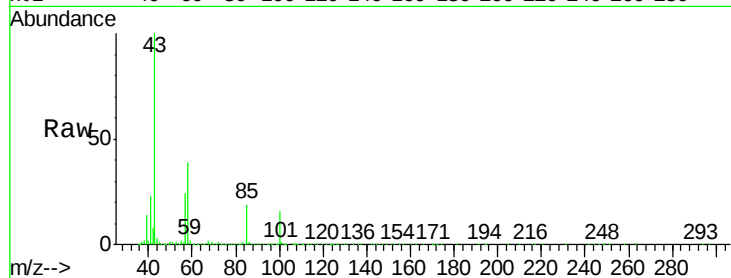
#51
4-Methyl-2-Pentanone
Concen: 98.743 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX007707.D
Acq: 26 Feb 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.2	31.2	46.8

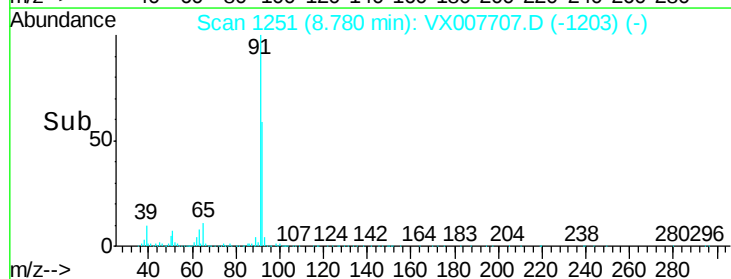
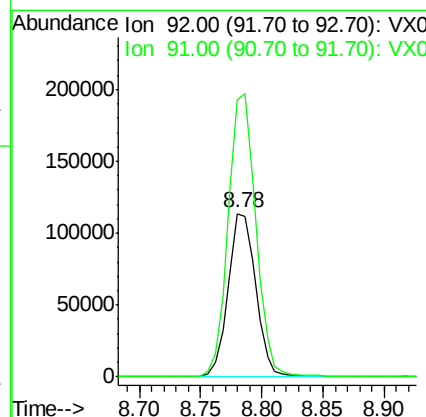
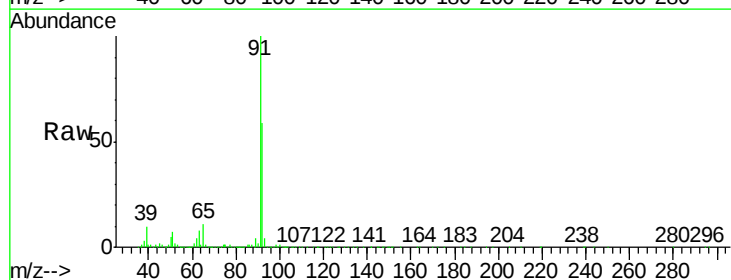
Manual Integrations
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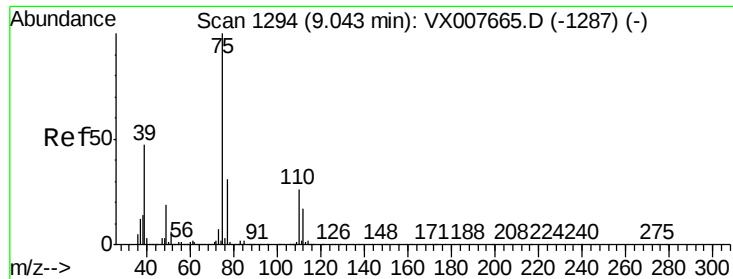
MMDadoda
2/26/2019 3:05:17 PM



#52
Toluene
Concen: 19.820 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX007707.D
Acq: 26 Feb 2019 10:27

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.7	139.1	208.7





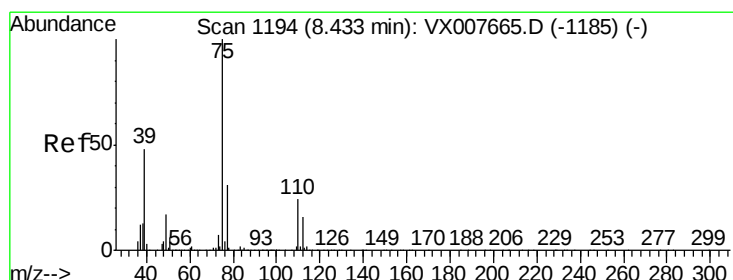
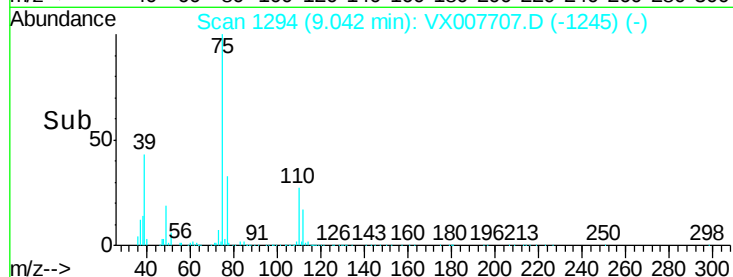
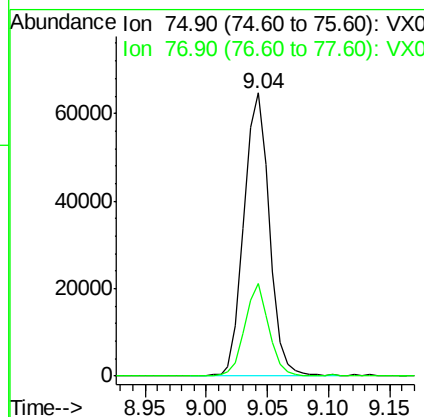
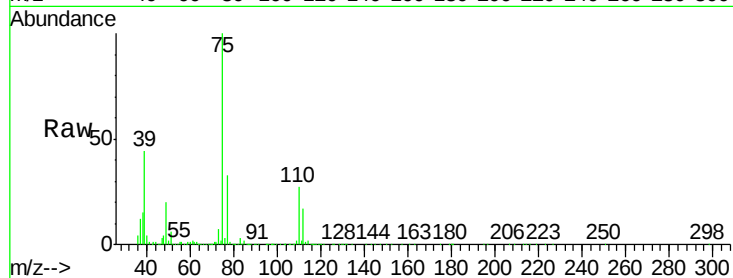
#53
t-1,3-Dichloropropene
Concen: 18.870 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007707.D
Acq: 26 Feb 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.2	37.8

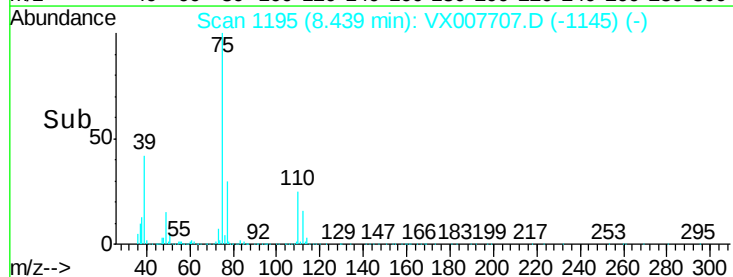
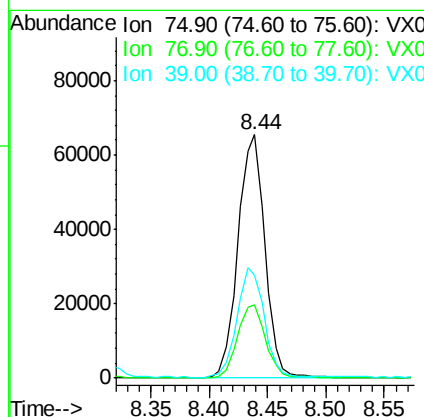
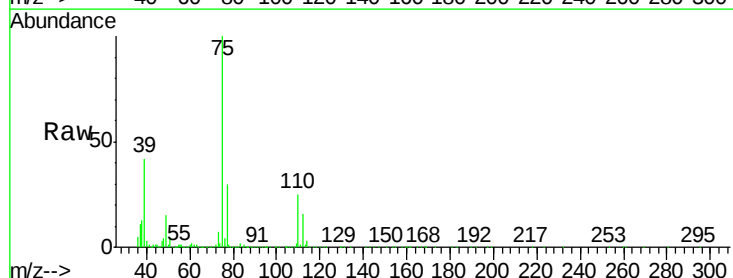
Manual Integrations
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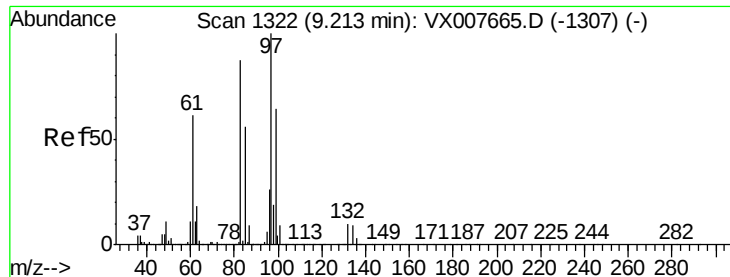
MMDadoda
2/26/2019 3:05:17 PM



#54
cis-1,3-Dichloropropene
Concen: 19.623 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.01 min
Lab File: VX007707.D
Acq: 26 Feb 2019 10:27

Tgt Ion	Ratio	Lower	Upper
75	100		
77	29.9	26.2	39.4
39	41.8	37.1	55.7





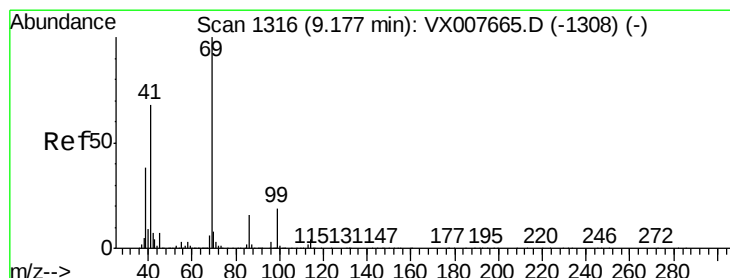
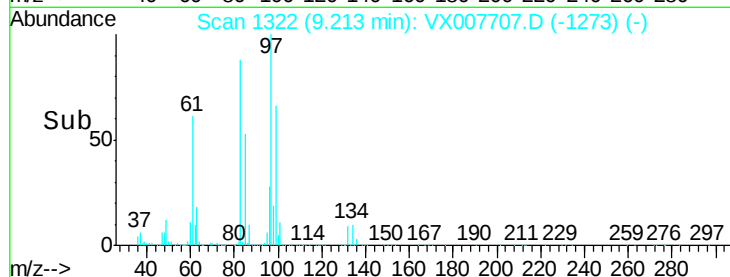
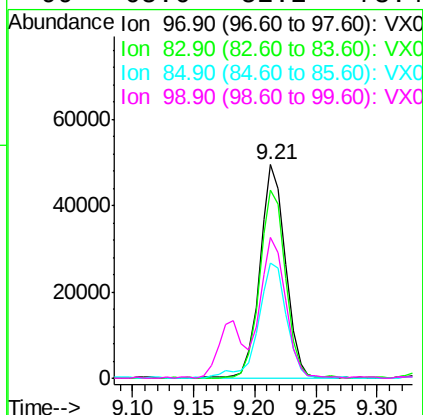
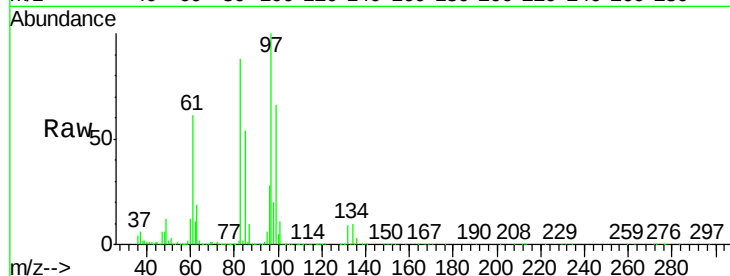
#55
 1,1,2-Trichloroethane
 Concen: 19.495 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007707.D
 Acq: 26 Feb 2019 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBSD02

Tot Ion:	97	Resp:	72513
Ion	Ratio	Lower	Upper
97	100		
83	87.6	68.6	102.8
85	53.5	44.5	66.7
99	65.6	52.2	78.4

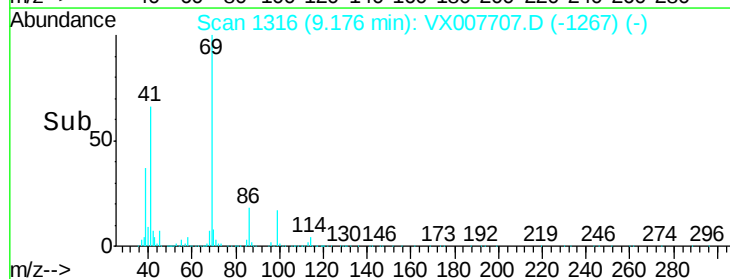
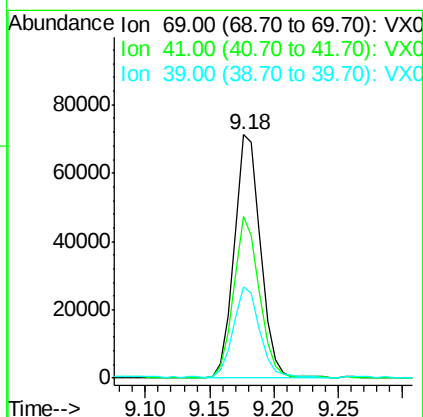
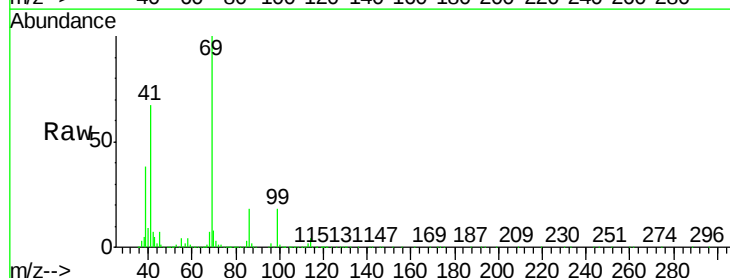
Manual Integrations
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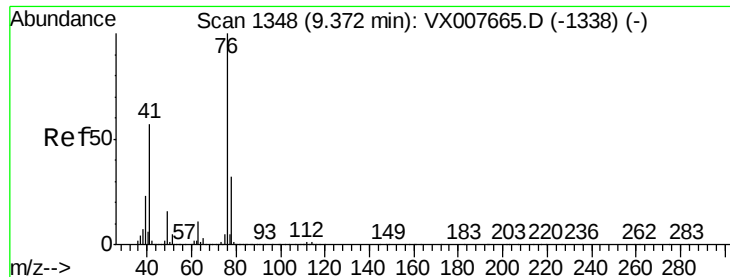
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 2/26/2019 3:05:17 PM



#56
 Ethyl methacrylate
 Concen: 19.127 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX007707.D
 Acq: 26 Feb 2019 10:27

Tgt Ion:	69	Resp:	101171
Ion	Ratio	Lower	Upper
69	100		
41	64.4	52.1	78.1
39	38.1	30.1	45.1





#57

1,3-Dichloropropane

Concen: 19.870 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

Tot Ion: 76 Resp: 118308

Ion Ratio Lower Upper

76 100

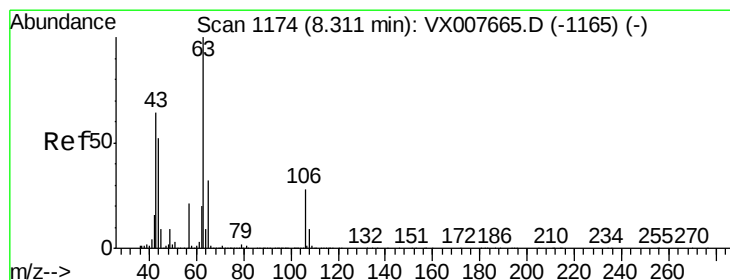
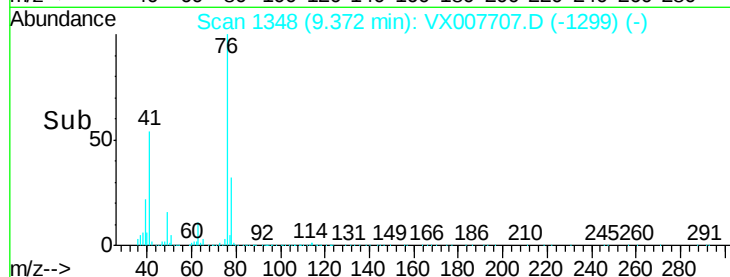
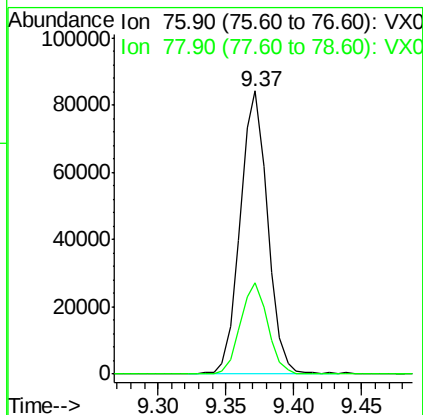
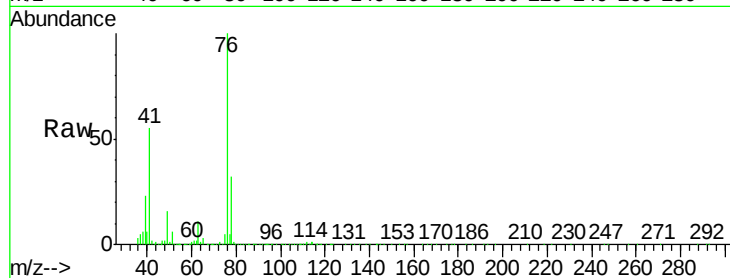
78 32.6 25.8 38.8

Manual Integrations

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2/26/2019 3:05:17 PM



#58

2-Chloroethyl Vinyl ether

Concen: 97.115 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007707.D

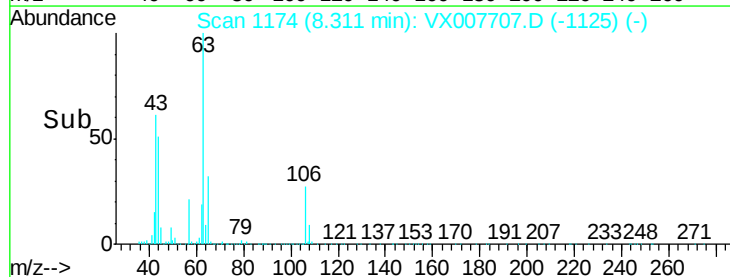
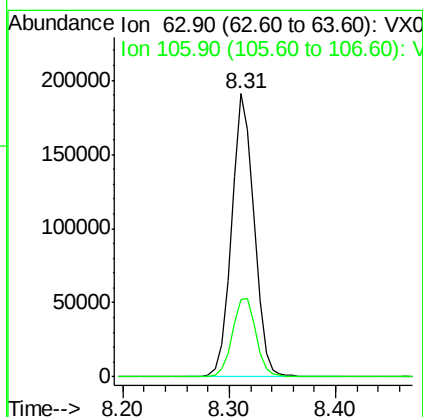
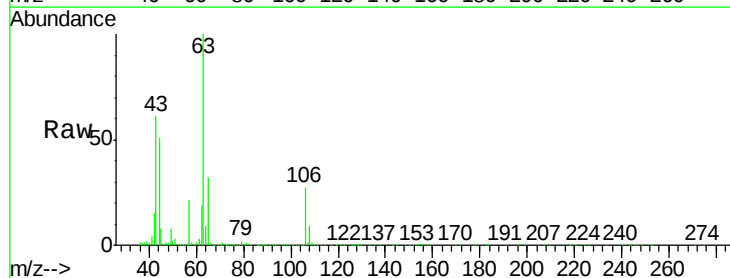
Acq: 26 Feb 2019 10:27

Tgt Ion: 63 Resp: 283268

Ion Ratio Lower Upper

63 100

106 29.4 23.6 35.4





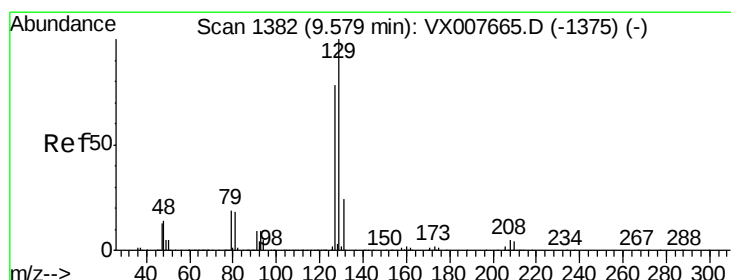
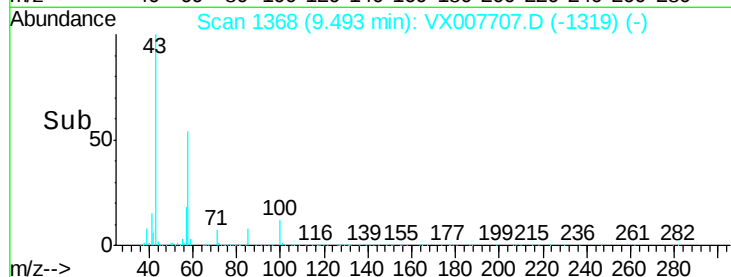
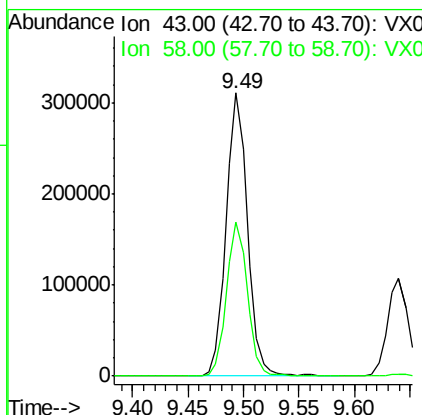
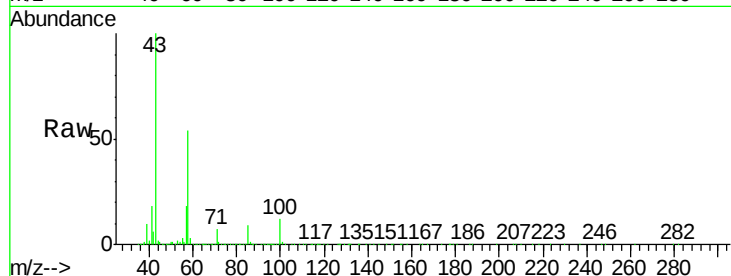
#59
2-Hexanone
Concen: 99.963 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007707.D
Acq: 26 Feb 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.8	27.1	81.3

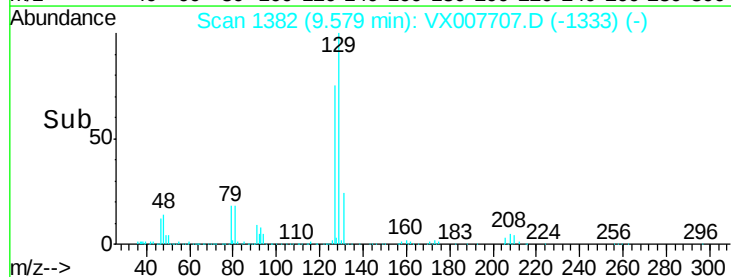
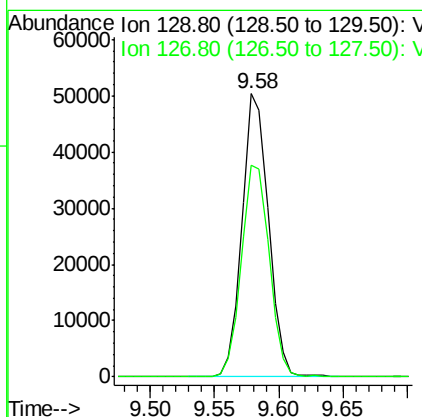
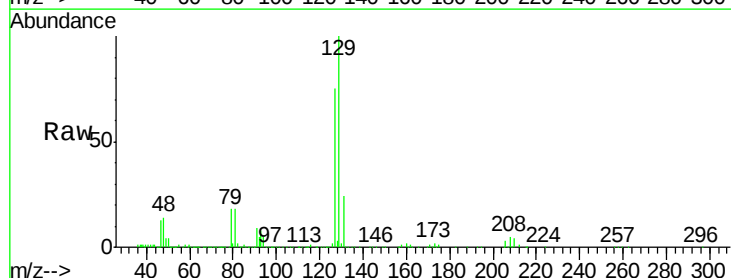
Manual Integrations
APPROVED

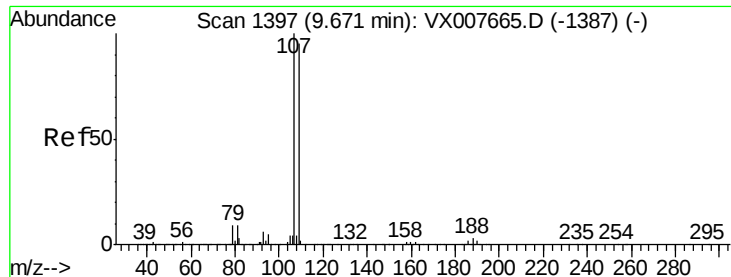
MMDadoda
2/26/2019 3:05:17 PM



#60
Dibromochloromethane
Concen: 20.014 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX007707.D
Acq: 26 Feb 2019 10:27

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.6	37.8	113.4





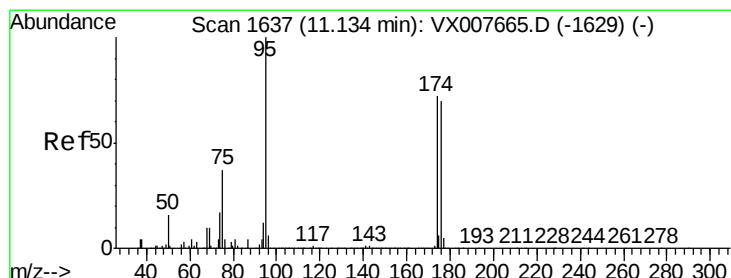
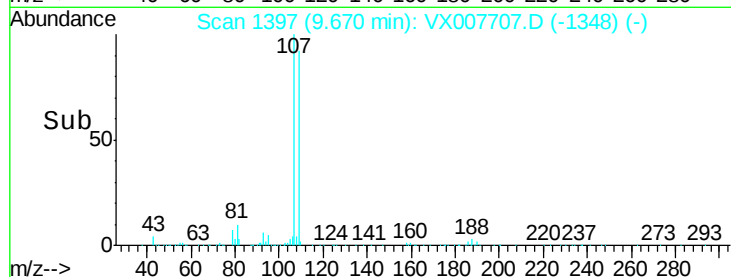
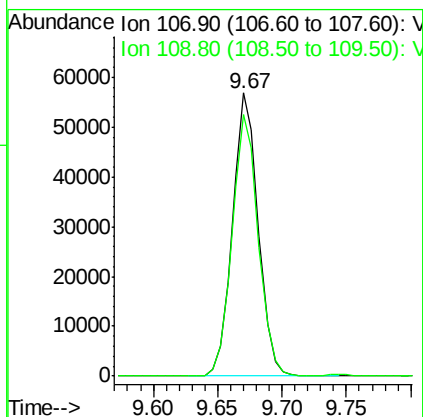
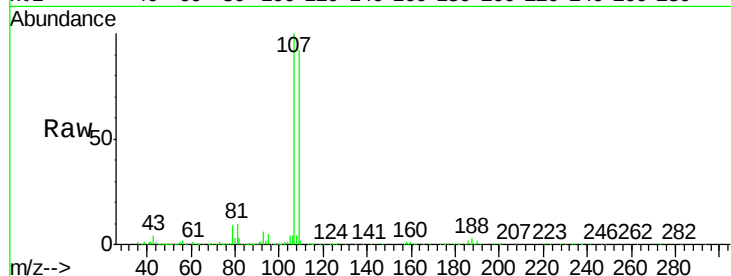
#61
 1,2-Dibromoethane
 Concen: 20.534 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX007707.D
 Acq: 26 Feb 2019 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBSD02

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.1	75.1	112.7

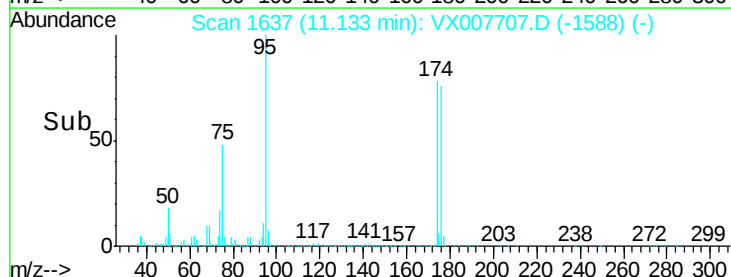
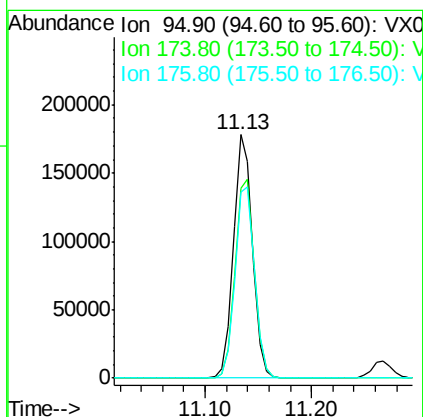
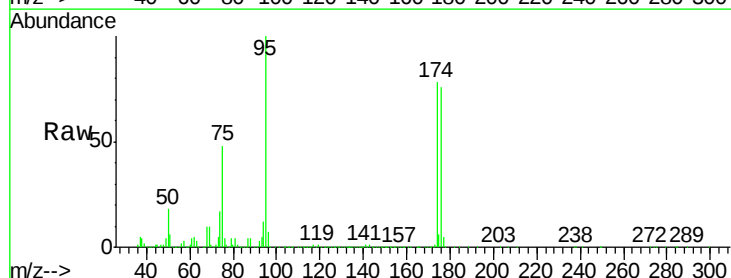
Manual Integrations
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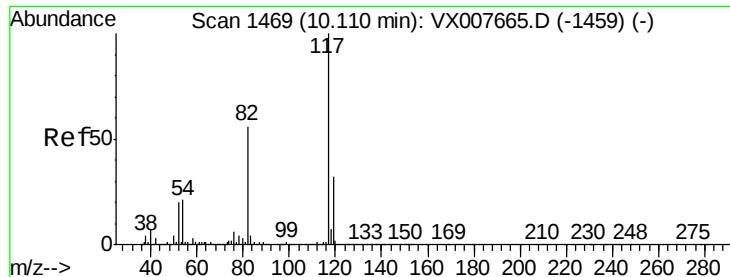
MMDadoda
 2/26/2019 3:05:17 PM



#62
 4-Bromofluorobenzene
 Concen: 46.426 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX007707.D
 Acq: 26 Feb 2019 10:27

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.8	0.0	189.2
176	81.5	0.0	186.2





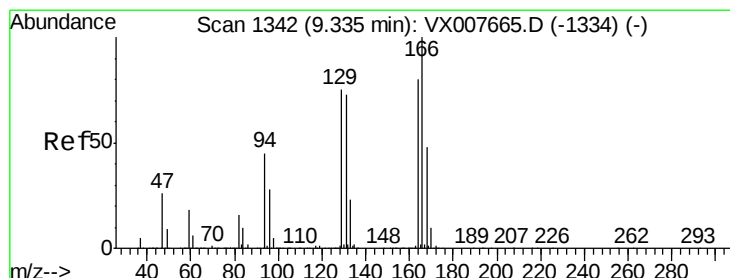
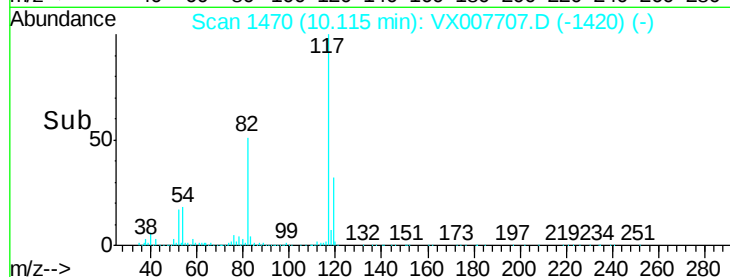
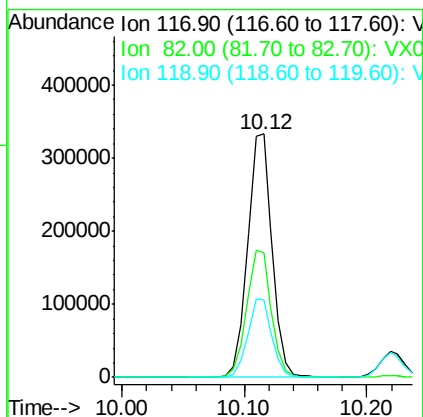
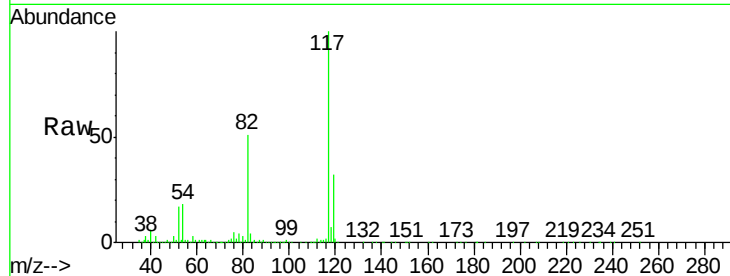
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007707.D
Acq: 26 Feb 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	461753		
82	50.9	42.1	63.1	
119	31.9	26.5	39.7	

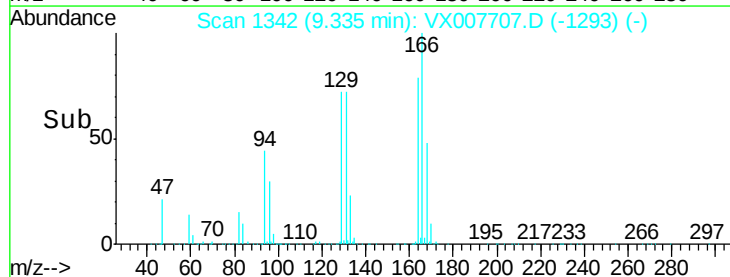
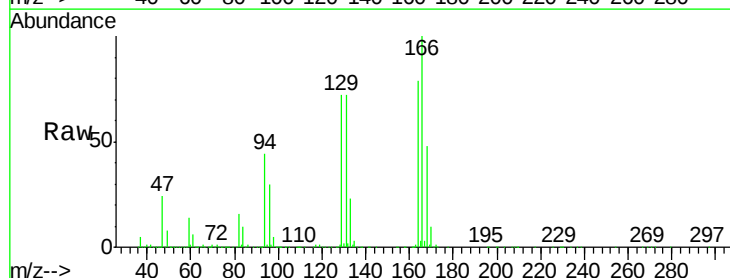
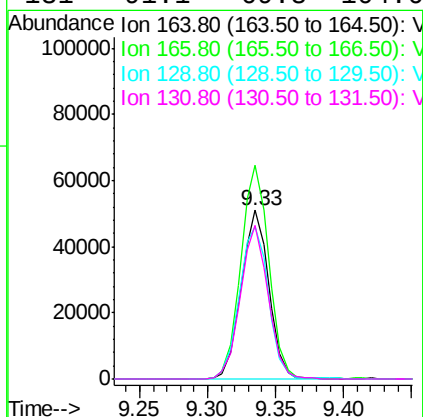
Manual Integrations
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#64
Tetrachloroethene
Concen: 19.325 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007707.D
Acq: 26 Feb 2019 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	72442		
166	126.7	101.0	151.4	
129	90.7	70.5	105.7	
131	91.1	69.8	104.6	





#65

Chlorobenzene

Concen: 19.811 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

Tot Ion:112 Resp: 197850

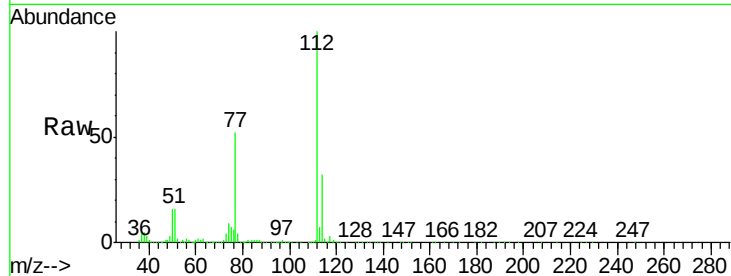
Ion Ratio Lower Upper

112 100

114 32.3 25.8 38.6

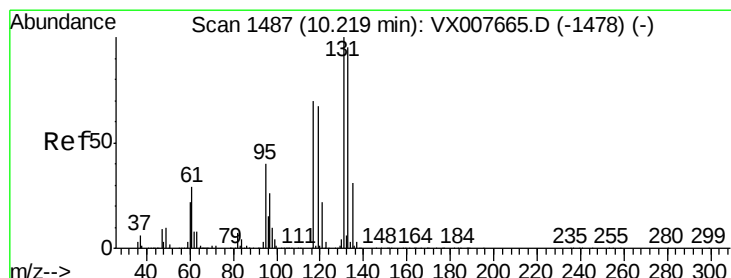
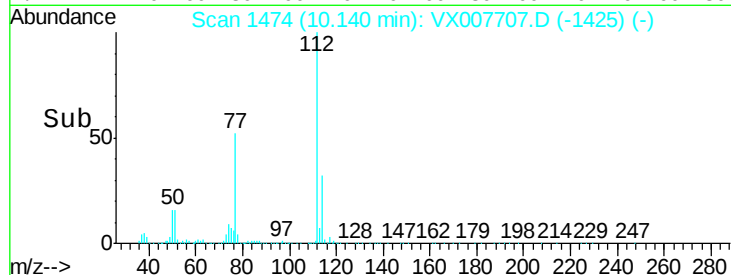
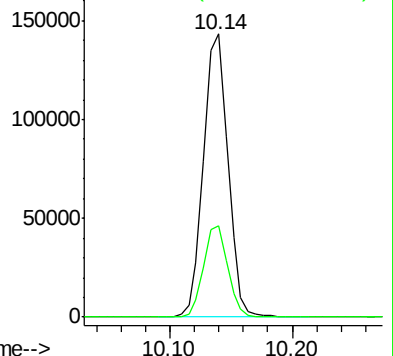
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.659 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

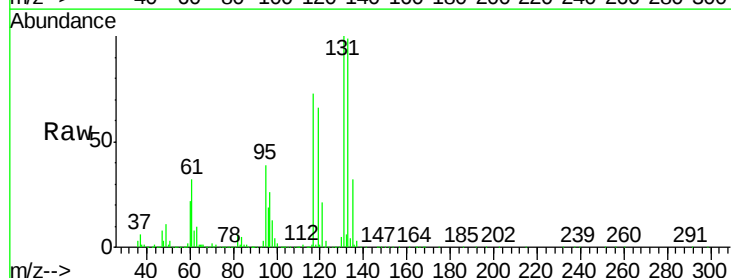
Tgt Ion:131 Resp: 68486

Ion Ratio Lower Upper

131 100

133 96.9 48.0 144.2

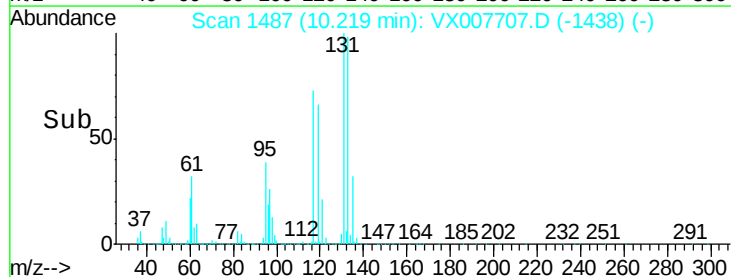
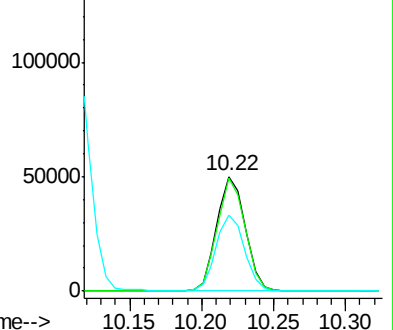
119 65.7 32.0 96.0

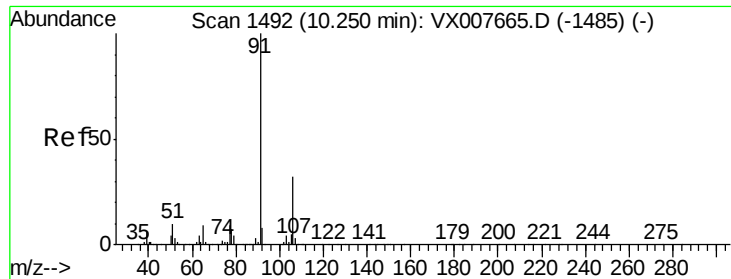


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.412 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

Tot Ion: 91 Resp: 321150

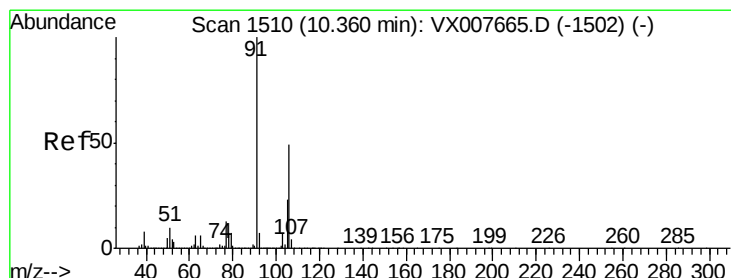
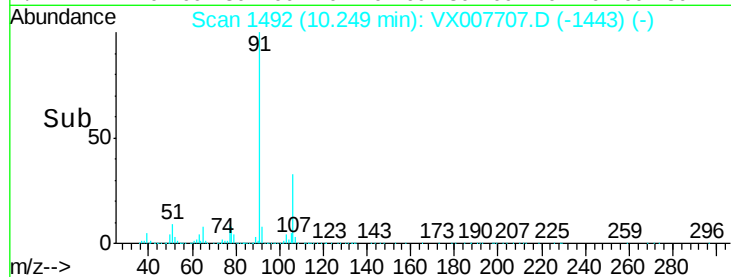
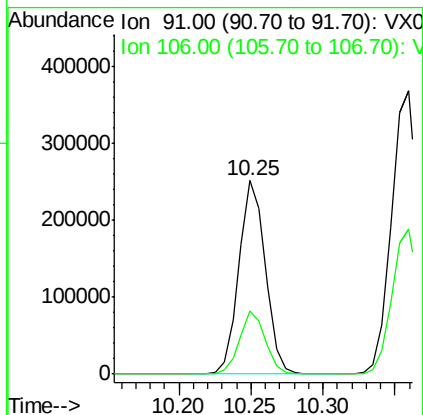
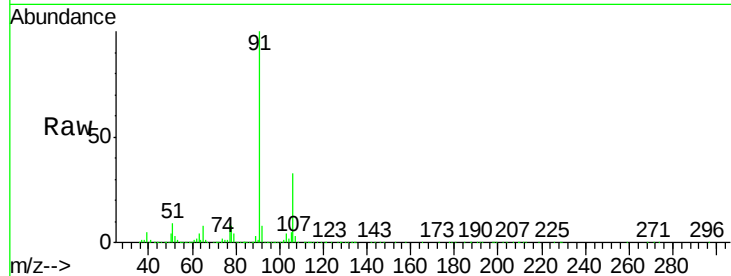
Ion Ratio Lower Upper

91 100

106 32.6 25.4 38.0

Manual Integrations
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#68

m/p-Xylenes

Concen: 39.186 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007707.D

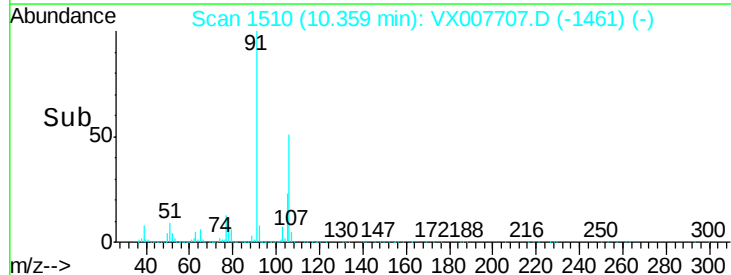
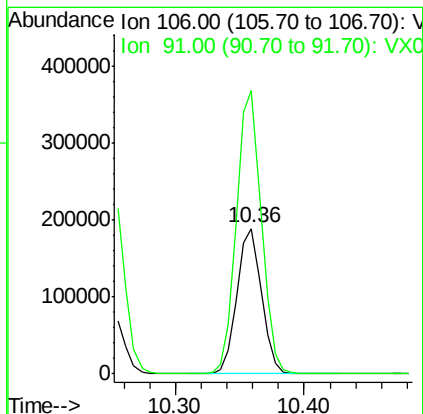
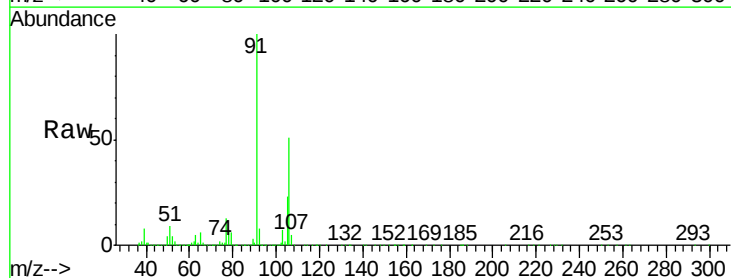
Acq: 26 Feb 2019 10:27

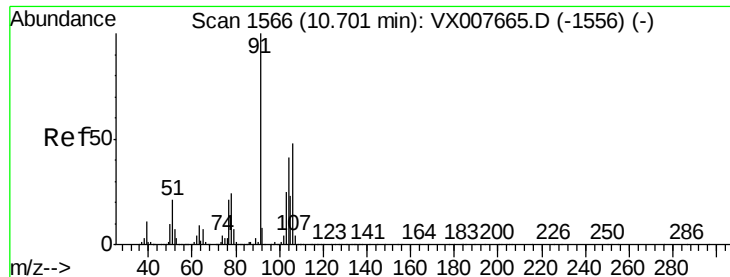
Tgt Ion: 106 Resp: 252198

Ion Ratio Lower Upper

106 100

91 196.8 156.6 234.8





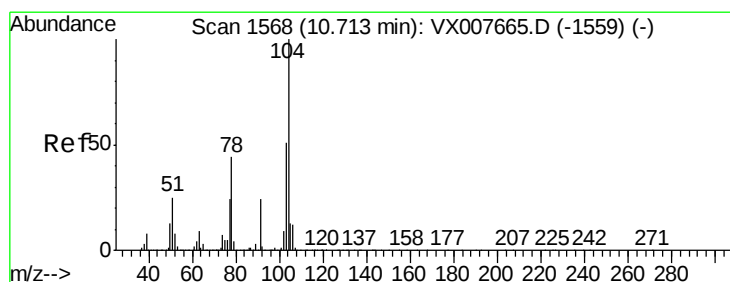
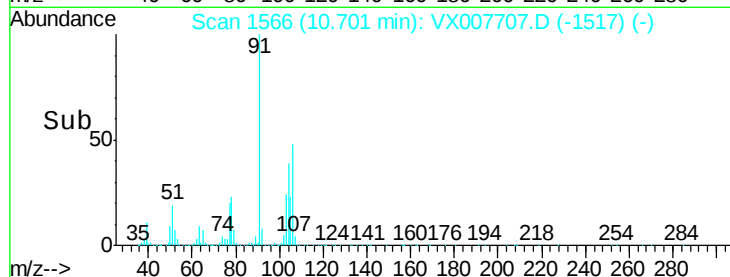
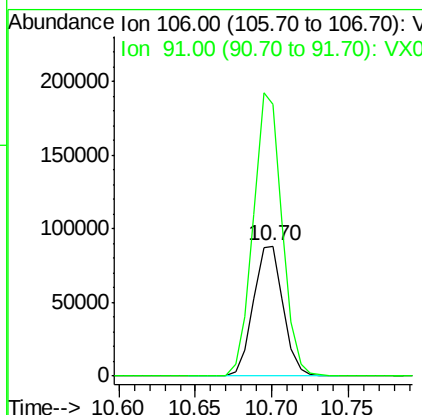
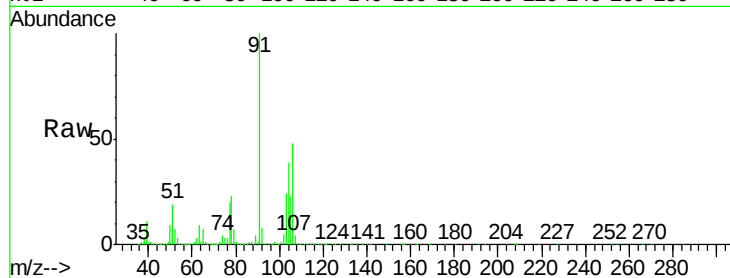
#69
o-Xylene
Concen: 19.290 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007707.D
Acq: 26 Feb 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.9	102.9	308.7

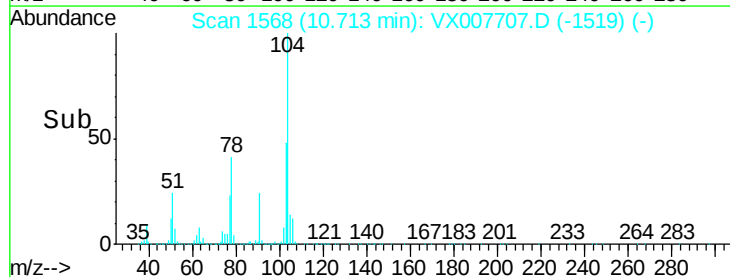
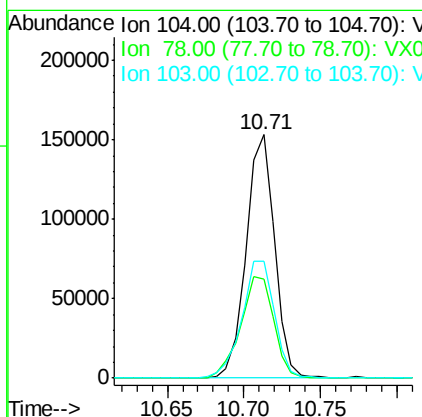
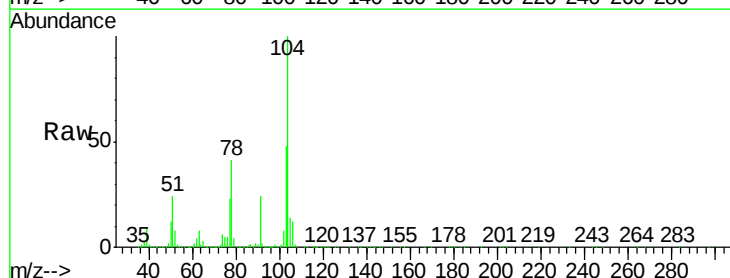
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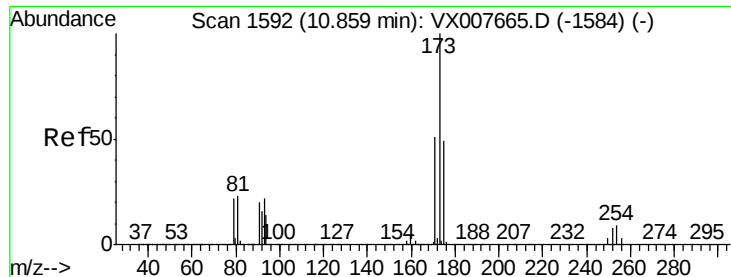
MMDadoda
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#70
Styrene
Concen: 19.450 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007707.D
Acq: 26 Feb 2019 10:27

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.5	38.3	57.5
103	55.3	44.6	67.0





#71

Bromoform

Concen: 18.900 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

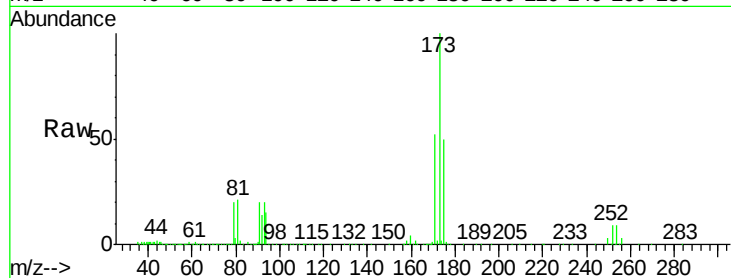
ClientSampleId :

VX0225WBSD02

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.2	72.6
254	0.0	0.2	0.2

Manual Integrations
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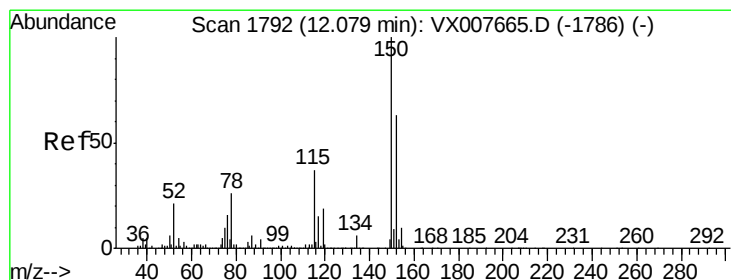
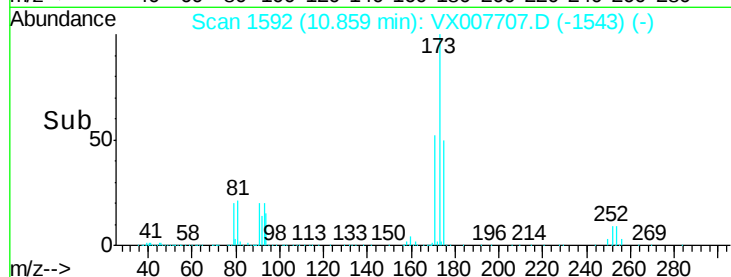
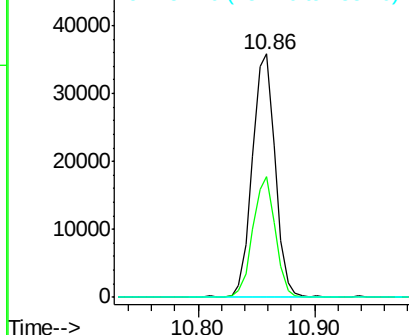


Abundance

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: VX007707.D

Acq: 26 Feb 2019 10:27

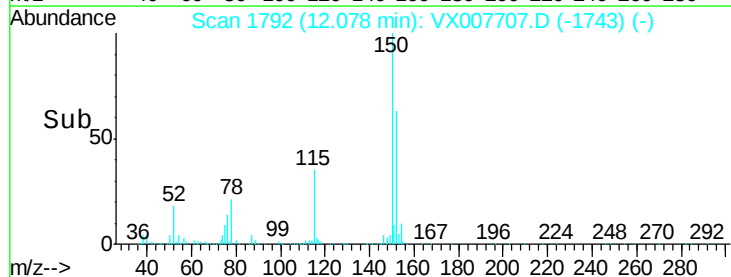
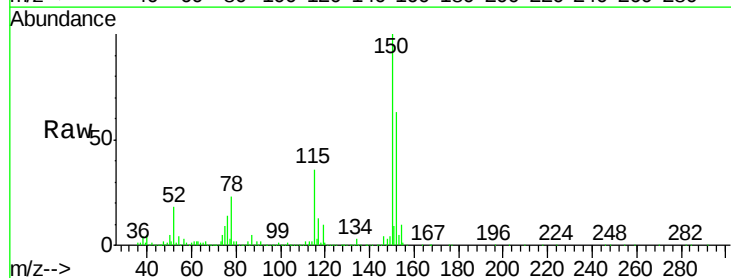
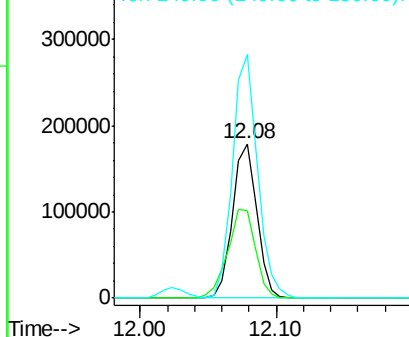
Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.3	38.0	114.0
150	162.5	0.0	346.4

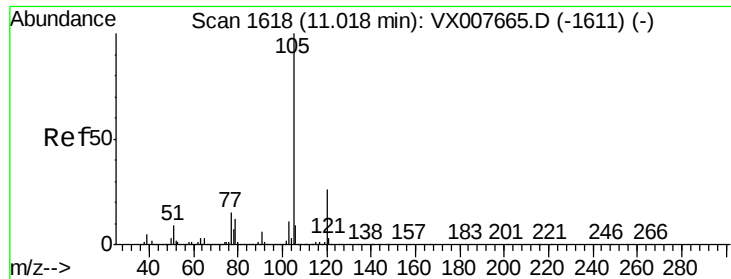
Abundance

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: 20.179 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

Tot Ion: 105 Resp: 320984

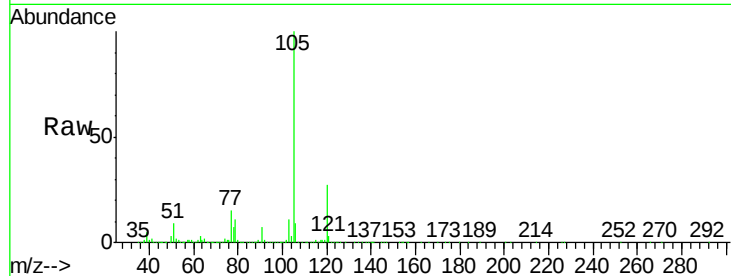
Ion Ratio Lower Upper

105 100

120 27.4 13.6 40.7

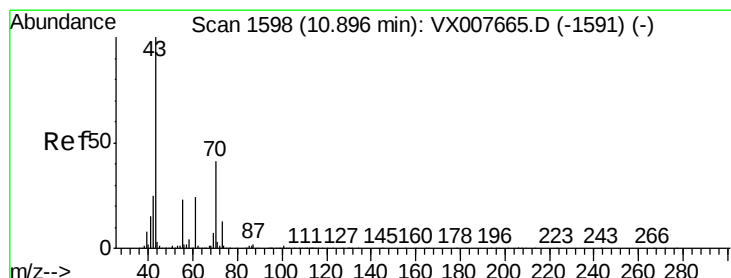
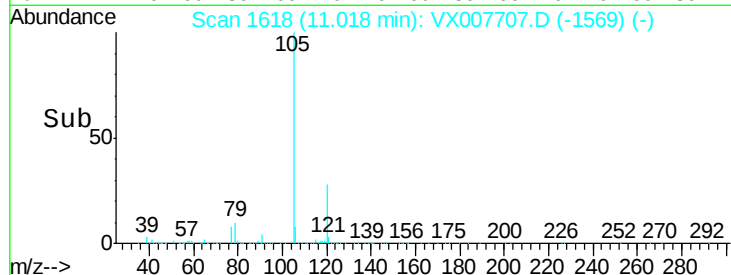
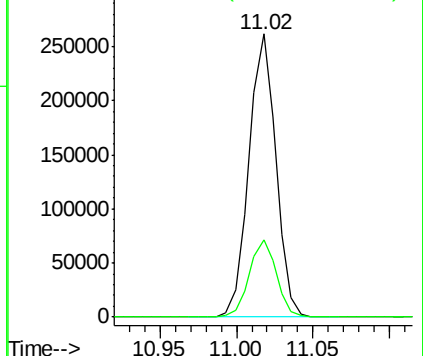
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.503 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Tgt Ion: 43 Resp: 134719

Ion Ratio Lower Upper

43 100

70 41.8 33.8 50.6

55 25.5 19.5 29.3

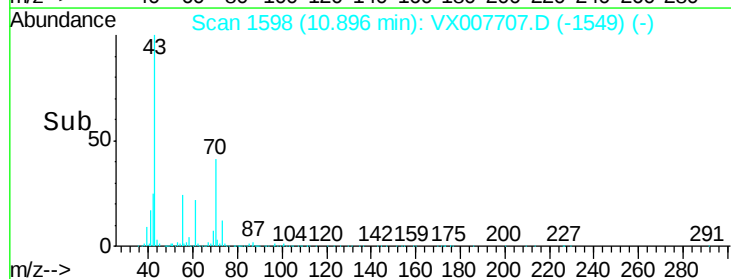
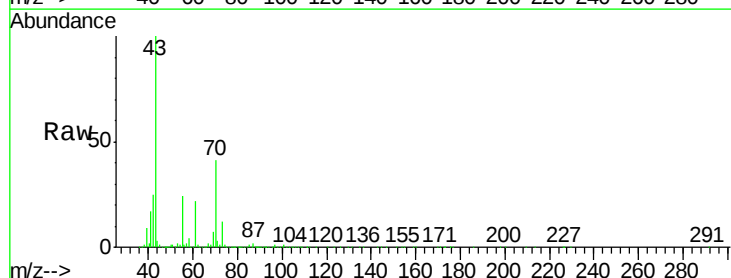
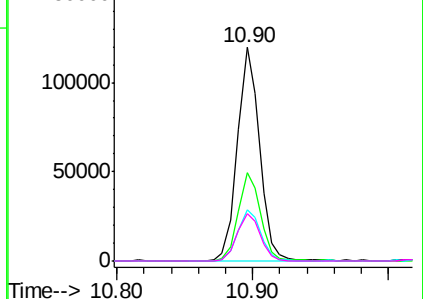
61 23.6 19.4 29.2

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: 19.982 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

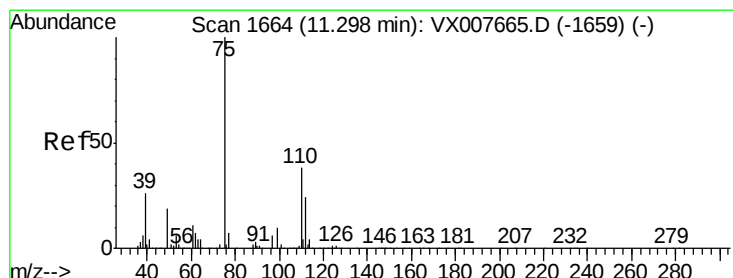
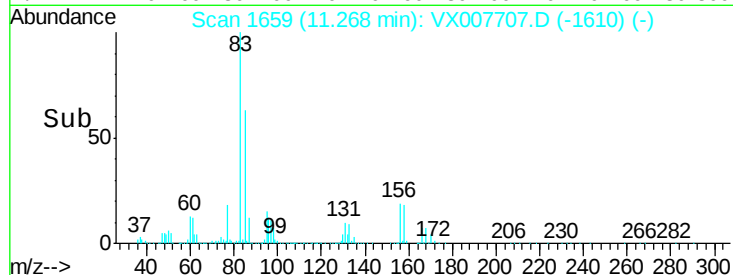
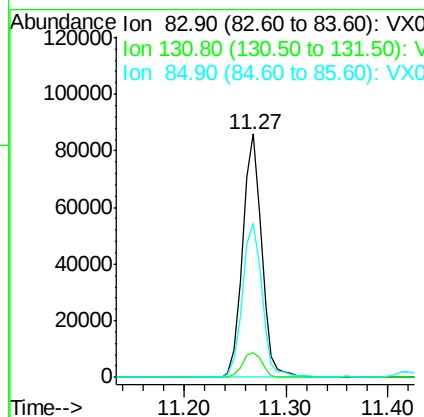
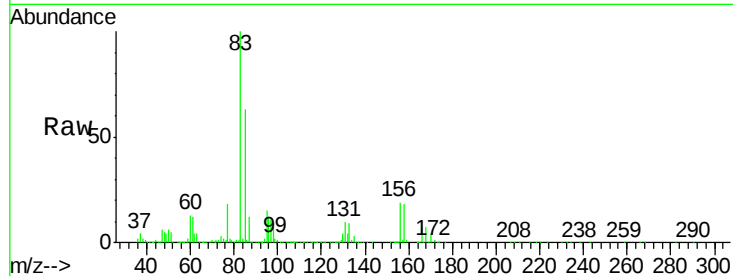
ClientSampleId :

VX0225WBSD02

Tot Ion:	83	Resp:	109934
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.7	17.0
85	65.8	32.8	98.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.215 ug/l m

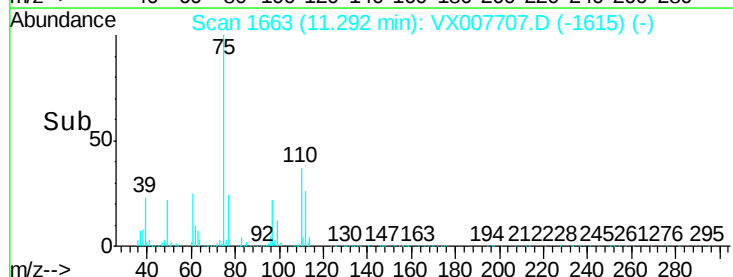
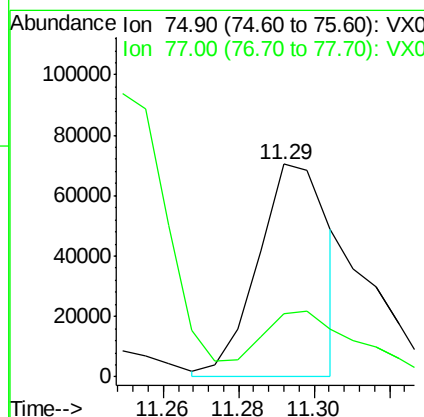
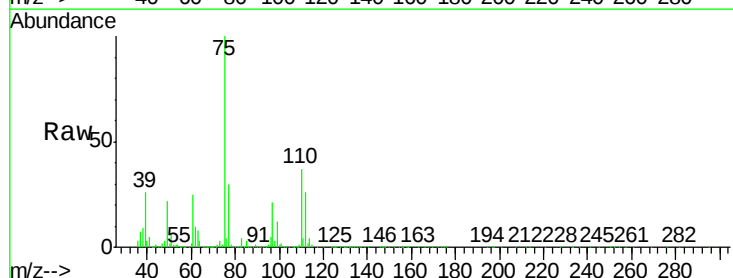
RT: 11.29 min Scan# 1663

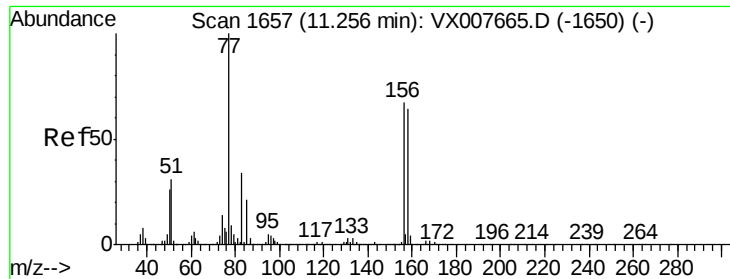
Delta R.T. -0.01 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Tgt Ion:	75	Resp:	91158
Ion Ratio	Lower	Upper	
75	100		
77	42.9	23.0	69.0





#77

Bromobenzene

Concen: 21.289 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

Tot Ion:156 Resp: 84939

Ion Ratio Lower Upper

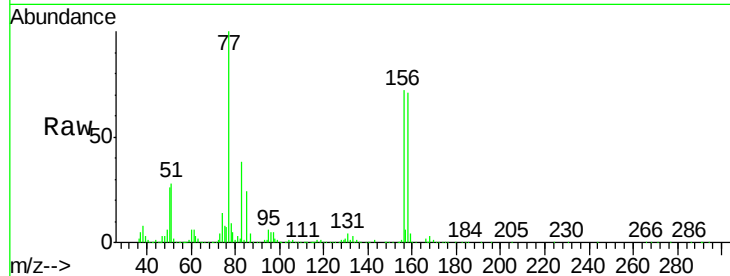
156 100

77 142.7 66.8 200.6

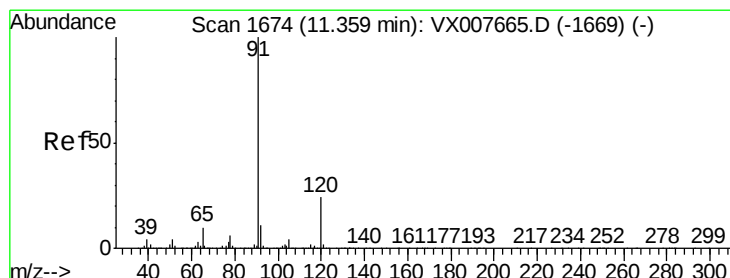
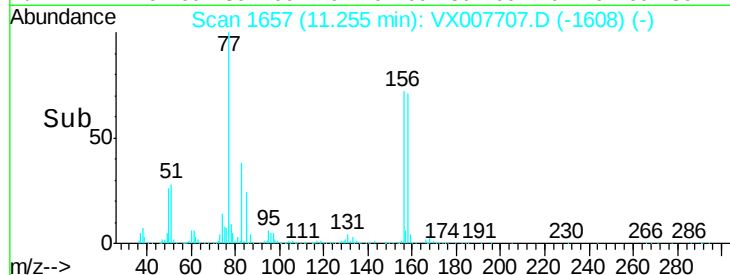
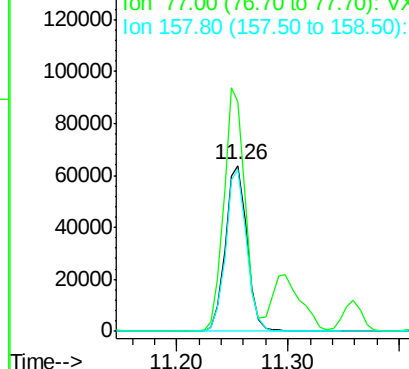
158 94.9 47.9 143.8

Manual Integrations
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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: 20.673 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007707.D

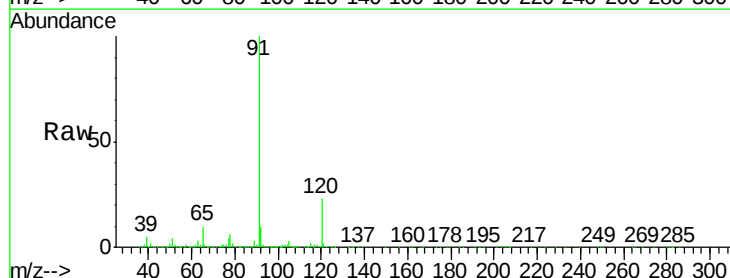
Acq: 26 Feb 2019 10:27

Tgt Ion: 91 Resp: 371597

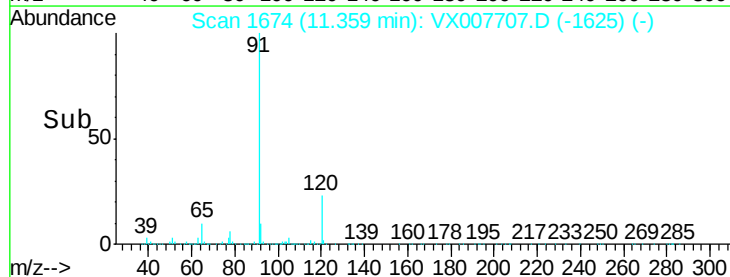
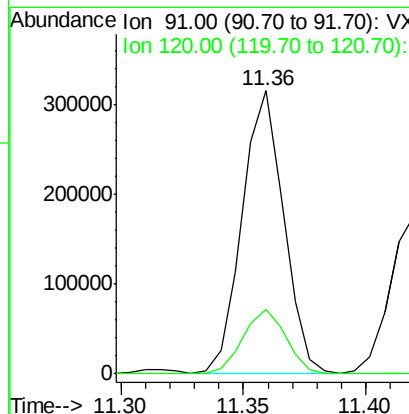
Ion Ratio Lower Upper

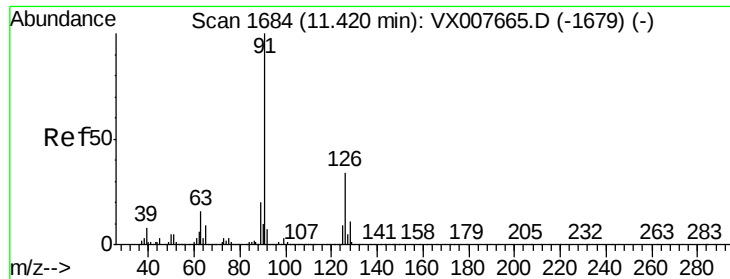
91 100

120 23.5 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: 20.031 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

Tot Ion: 91 Resp: 216794

Ion Ratio Lower Upper

91 100

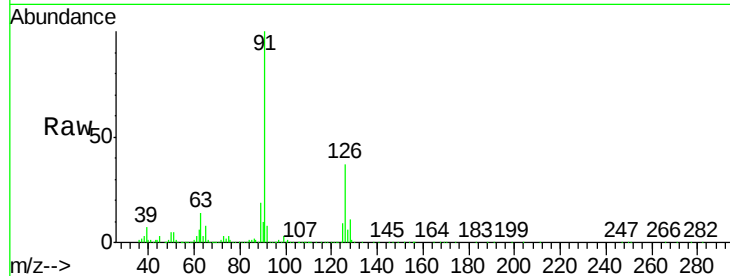
126 35.8 18.7 56.1

Manual Integrations

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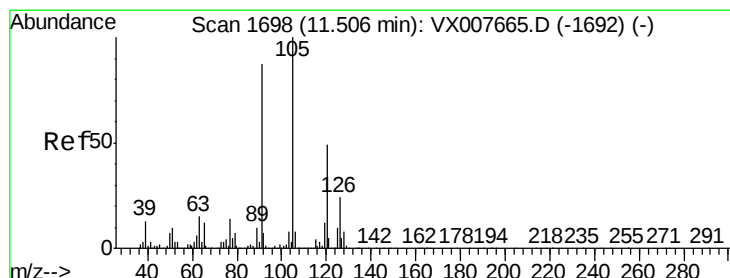
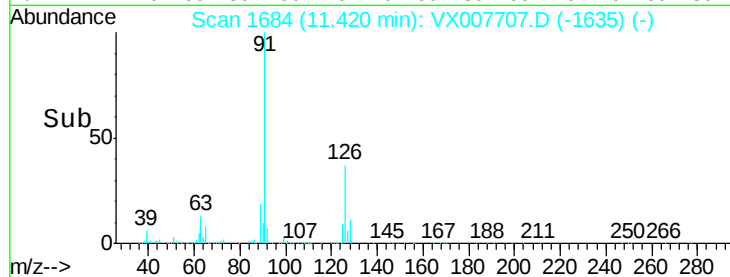
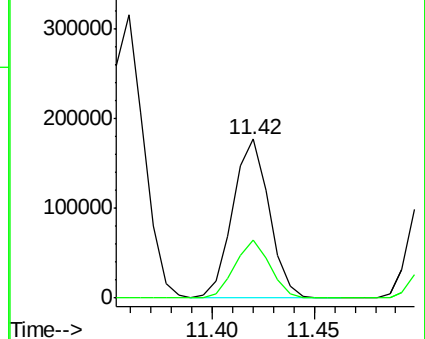
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.119 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007707.D

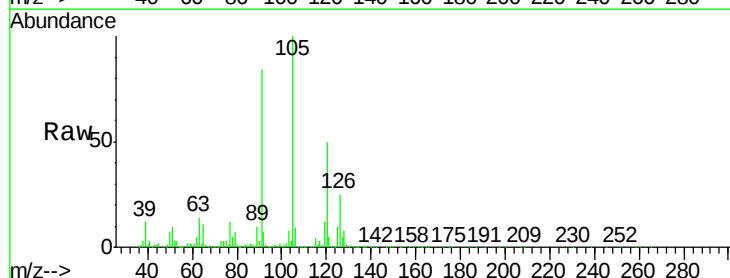
Acq: 26 Feb 2019 10:27

Tgt Ion:105 Resp: 263244

Ion Ratio Lower Upper

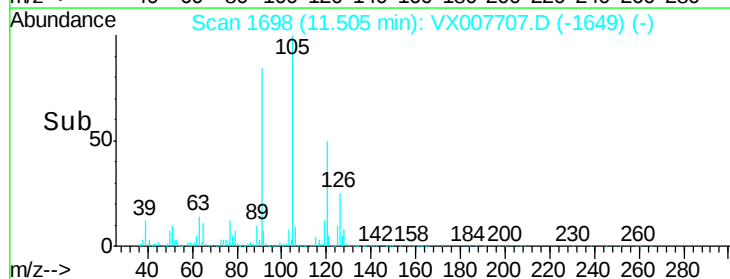
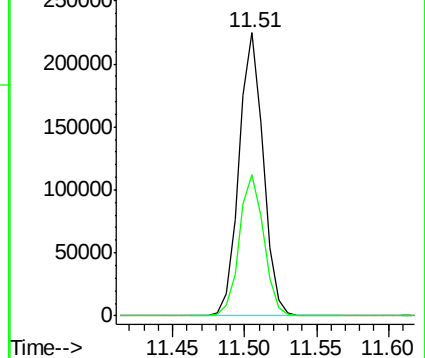
105 100

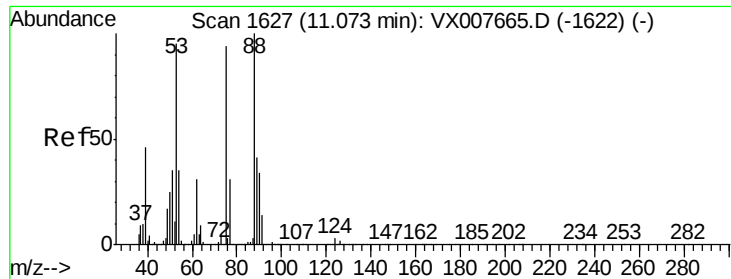
120 50.2 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.856 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

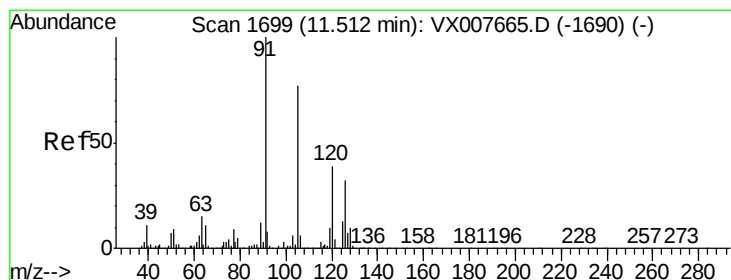
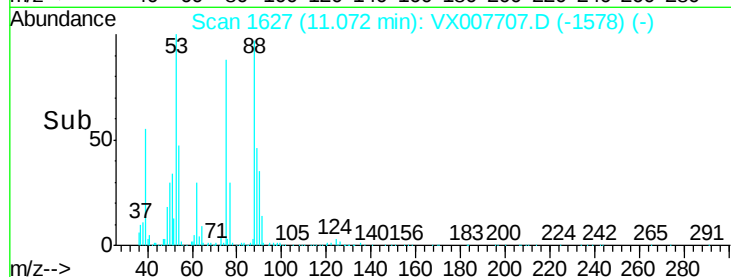
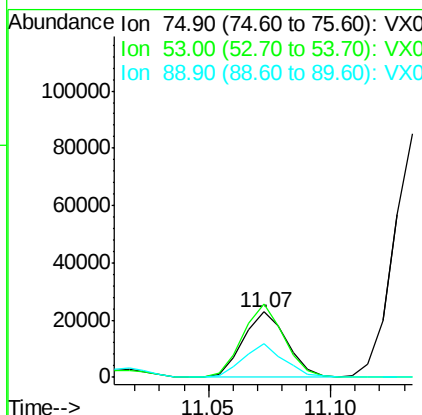
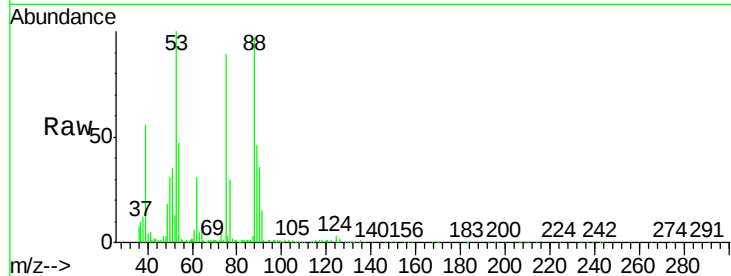
ClientSampleId :

VX0225WBSD02

Tot Ion:	75	Resp:	27967
Ion	Ratio	Lower	Upper
75	100		
53	107.7	81.0	121.6
89	49.6	41.4	62.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.492 ug/l

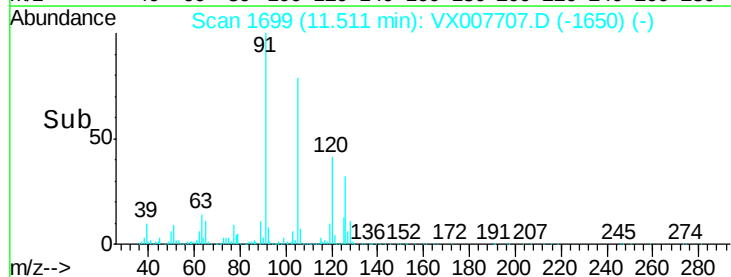
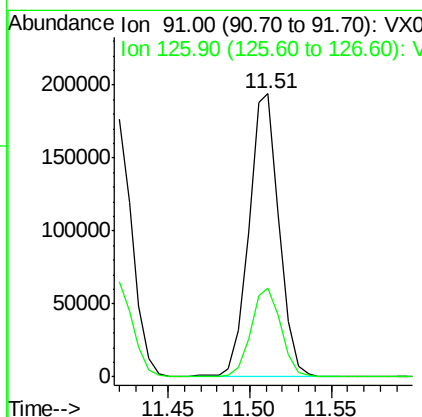
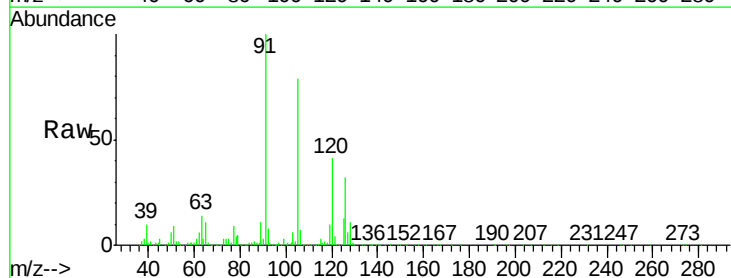
RT: 11.51 min Scan# 1699

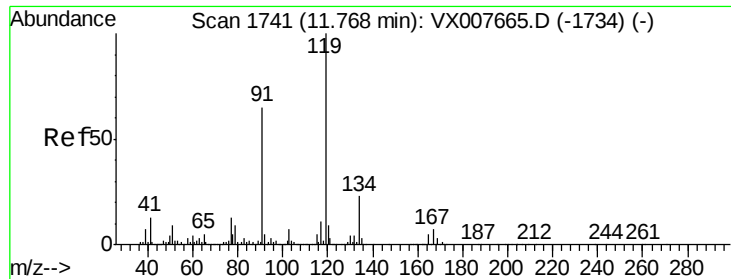
Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Tgt Ion:	91	Resp:	246797
Ion	Ratio	Lower	Upper
91	100		
126	31.8	16.2	48.5





#83

tert-Butylbenzene

Concen: 20.360 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

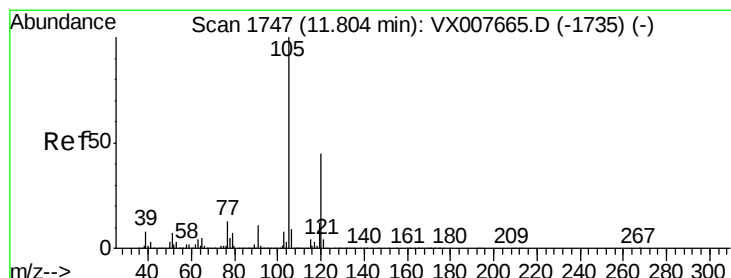
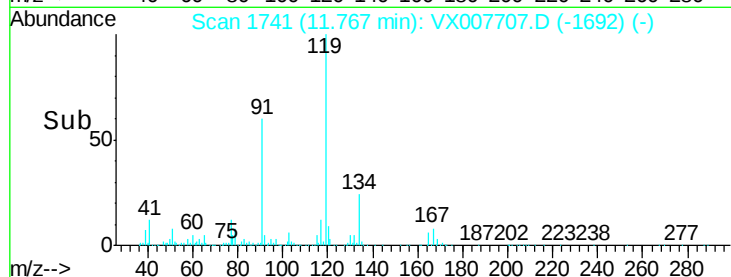
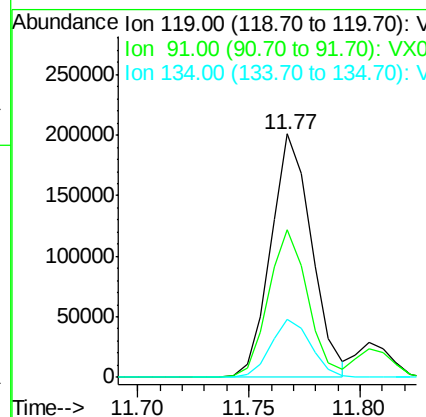
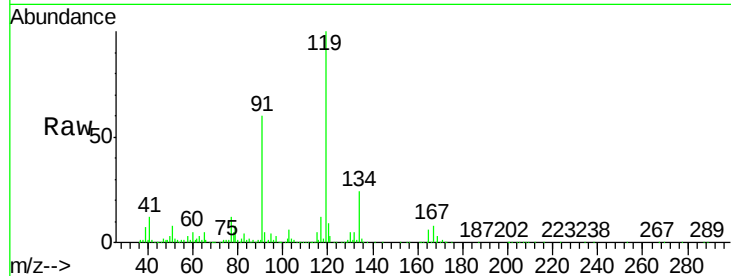
ClientSampleID :

VX0225WBSD02

Tot Ion:	119	Resp:	255783
Ion Ratio	Lower	Upper	
119	100		
91	58.1	28.5	85.6
134	23.8	12.0	36.0

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 20.294 ug/l

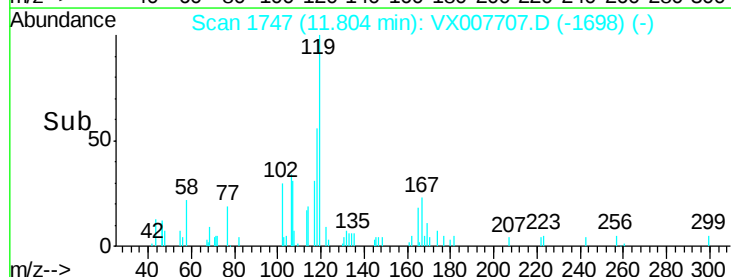
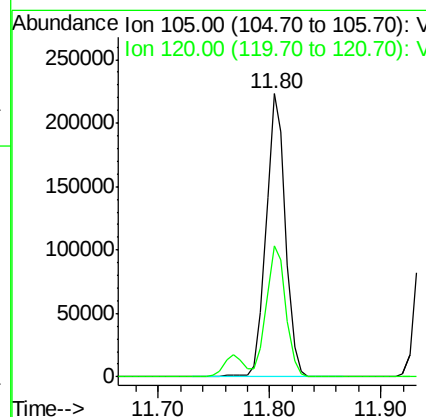
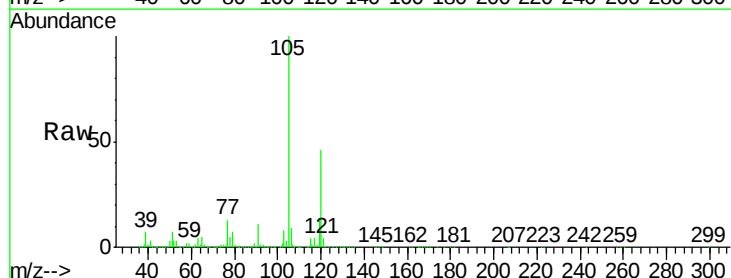
RT: 11.80 min Scan# 1747

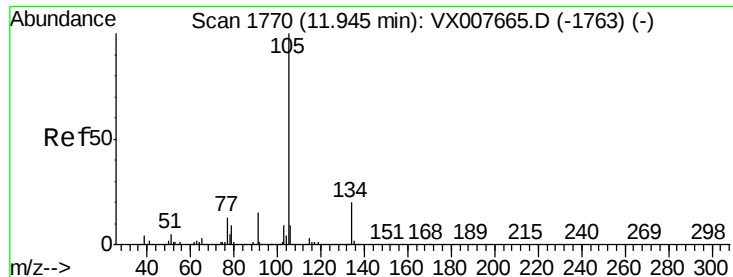
Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Tgt Ion:	105	Resp:	271616
Ion Ratio	Lower	Upper	
105	100		
120	46.5	23.1	69.3





#85

sec-Butylbenzene

Concen: 20.259 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBSD02

Tot Ion:105 Resp: 318925

Ion Ratio Lower Upper

105 100

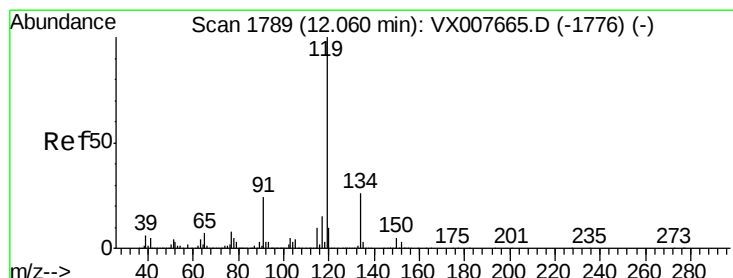
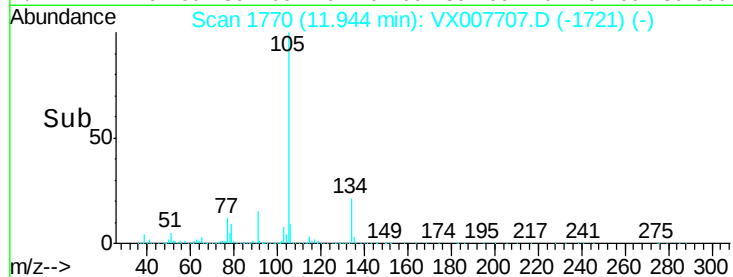
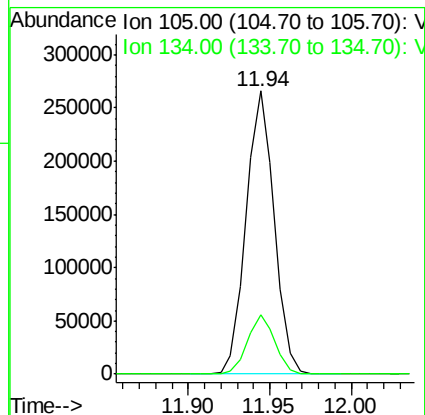
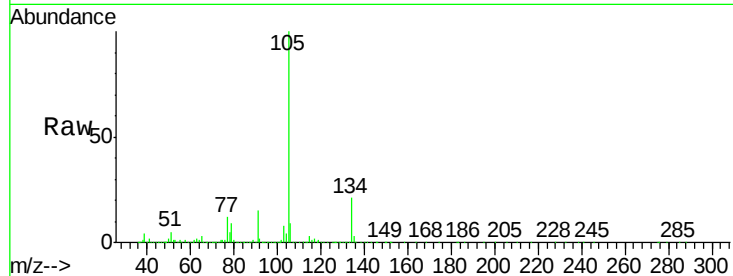
134 20.4 10.6 31.8

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 20.275 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

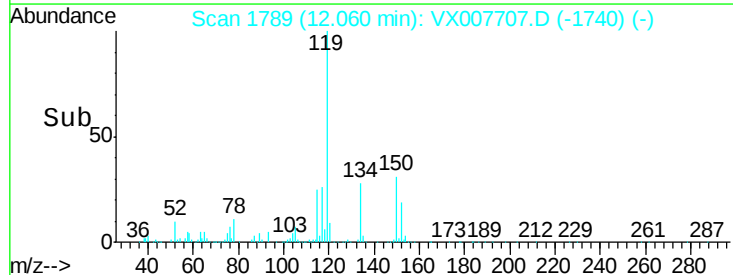
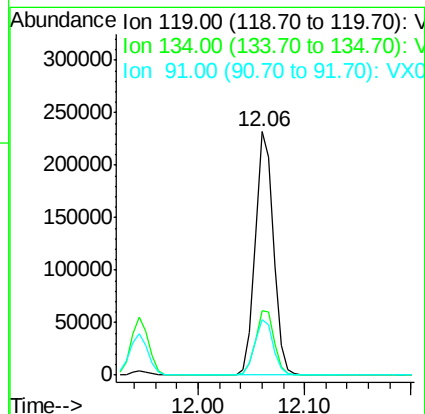
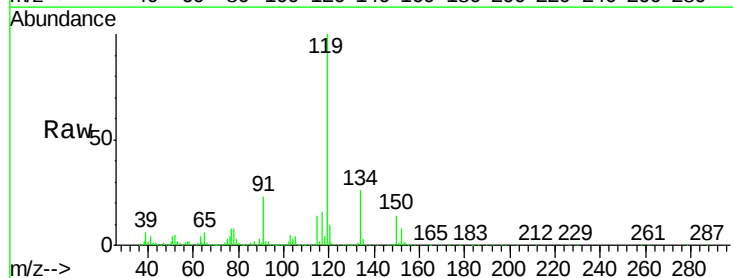
Tgt Ion:119 Resp: 279520

Ion Ratio Lower Upper

119 100

134 26.9 13.7 41.1

91 23.0 11.2 33.5





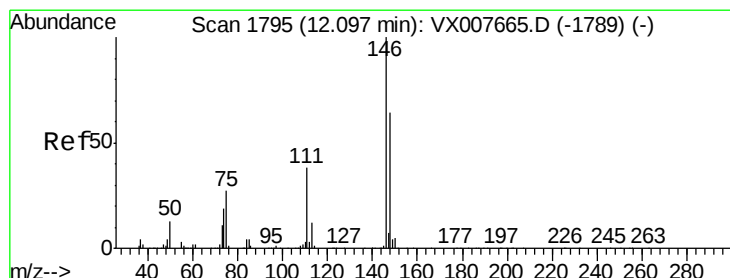
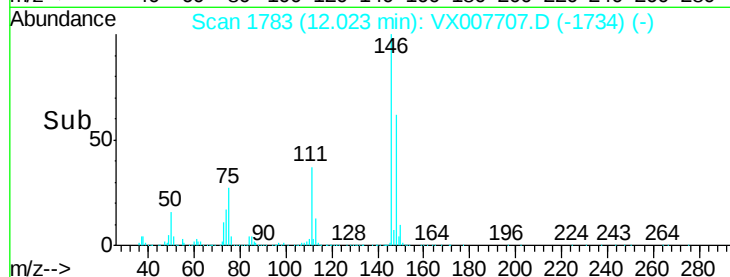
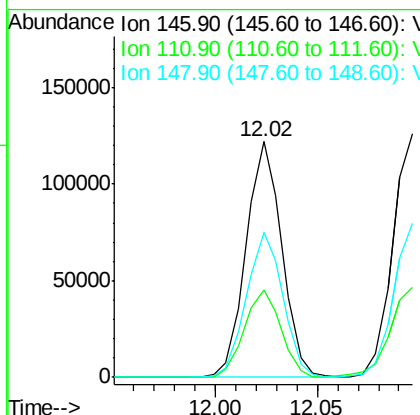
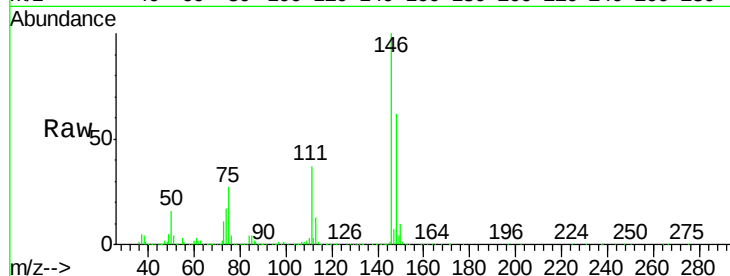
#87
 1,3-Dichlorobenzene
 Concen: 20.060 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007707.D
 Acq: 26 Feb 2019 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.1	54.1
148	62.9	32.0	96.2

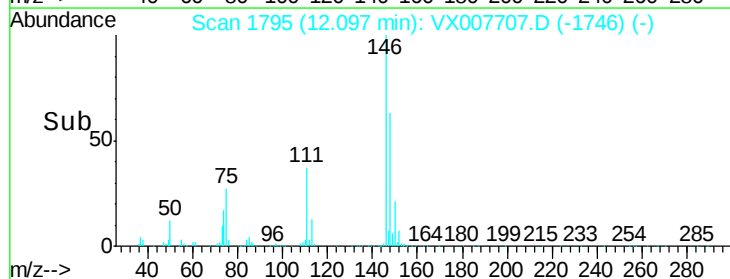
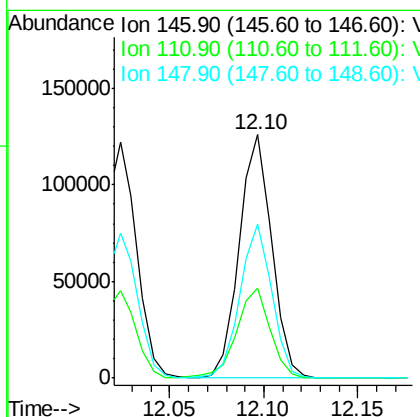
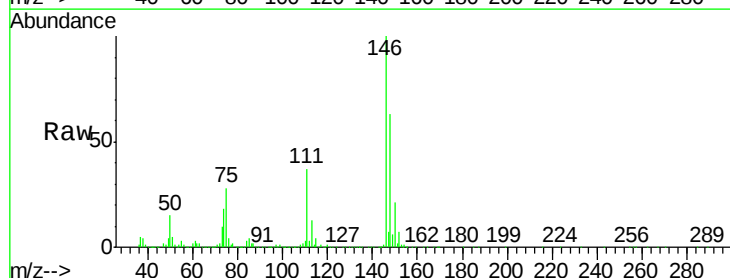
Manual Integrations
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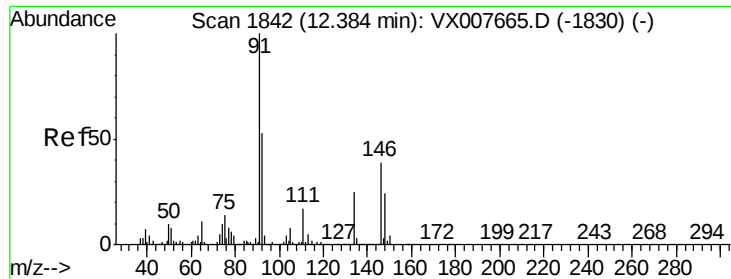
MMDadoda
 2/26/2019 3:05:17 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.763 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007707.D
 Acq: 26 Feb 2019 10:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.1	54.1
148	62.6	32.3	96.9





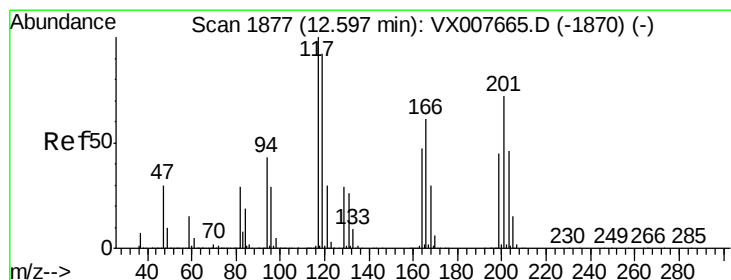
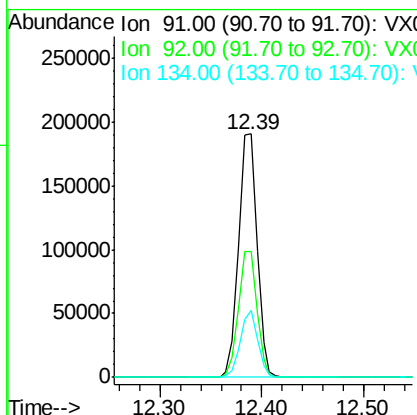
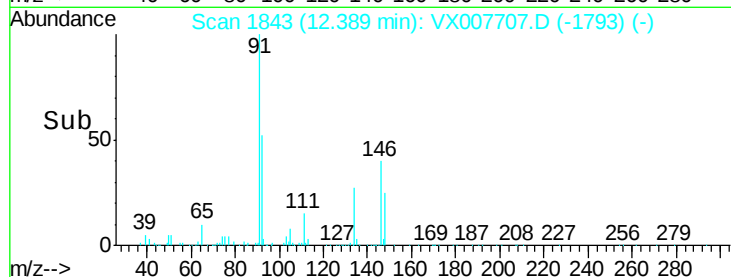
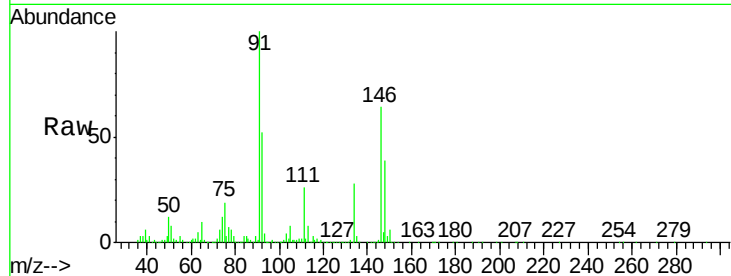
#89
n-Butylbenzene
Concen: 19.315 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007707.D
Acq: 26 Feb 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.3	78.9
134	25.9	13.9	41.6

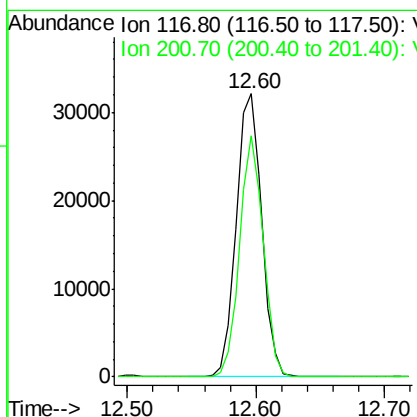
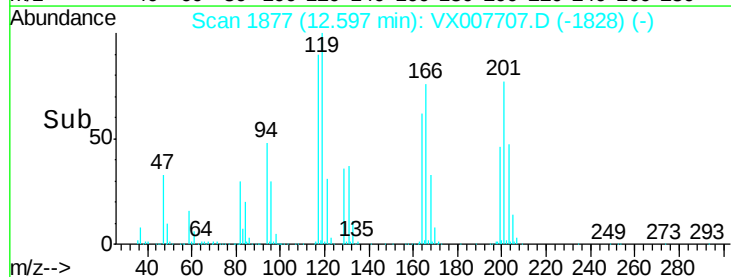
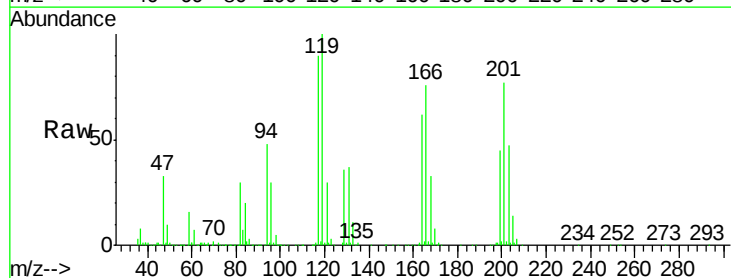
Manual Integrations
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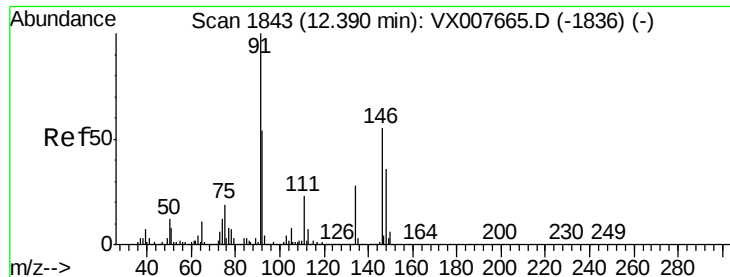
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#90
Hexachloroethane
Concen: 18.953 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007707.D
Acq: 26 Feb 2019 10:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.8	44.9	134.7





#91

1,2-Dichlorobenzene

Concen: 20.257 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

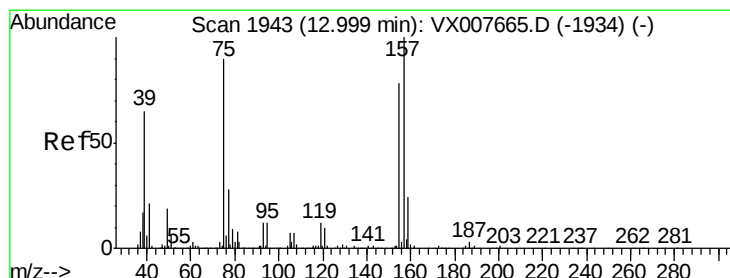
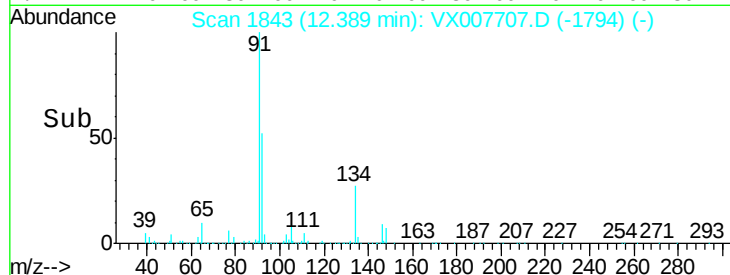
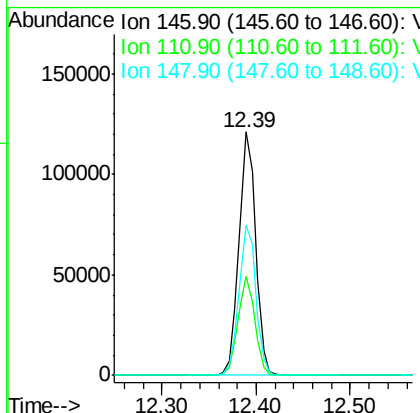
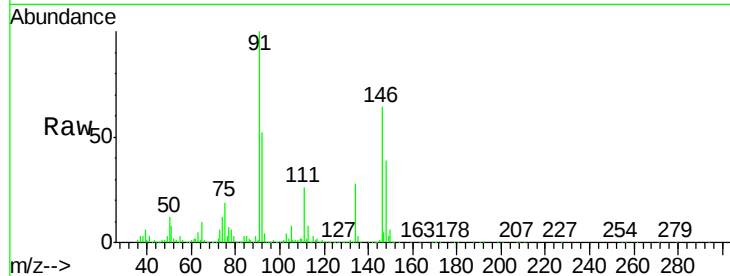
ClientSampleId :

VX0225WBSD02

Tot Ion:	146	Resp:	150001
Ion Ratio	Lower	Upper	
146	100		
111	40.5	19.1	57.3
148	62.8	32.1	96.3

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 18.791 ug/l

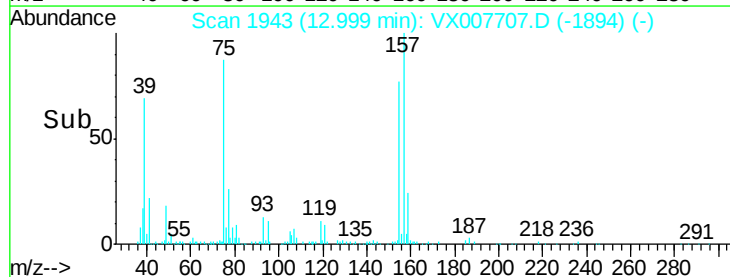
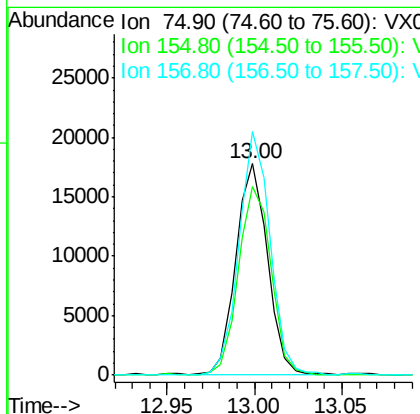
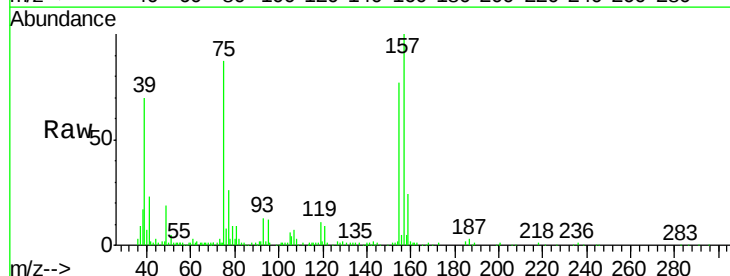
RT: 13.00 min Scan# 1943

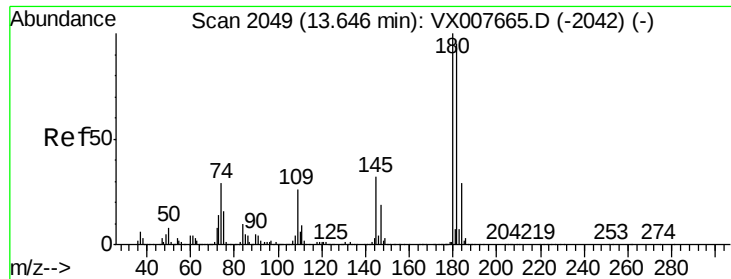
Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Tgt Ion:	75	Resp:	22526
Ion Ratio	Lower	Upper	
75	100		
155	91.6	49.6	149.0
157	112.8	65.1	195.3





#93

1,2,4-Trichlorobenzene

Concen: 19.948 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

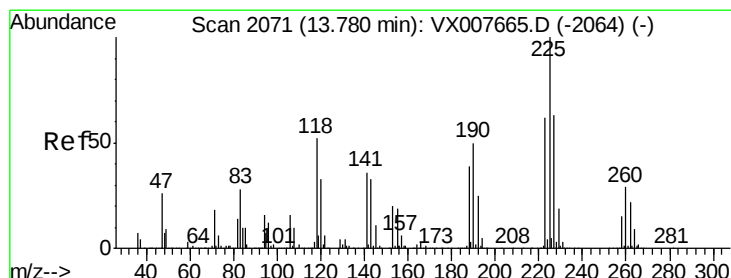
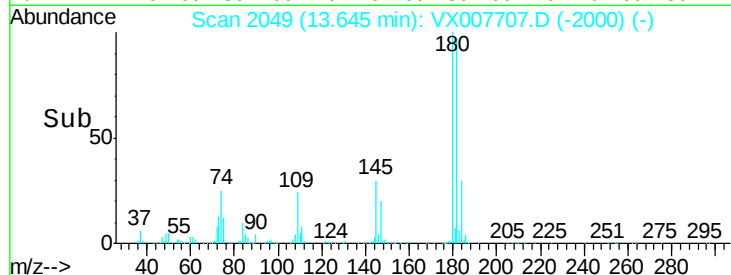
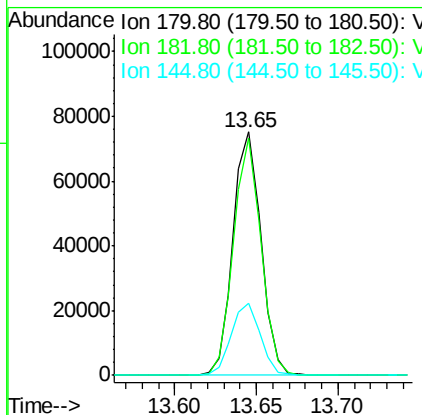
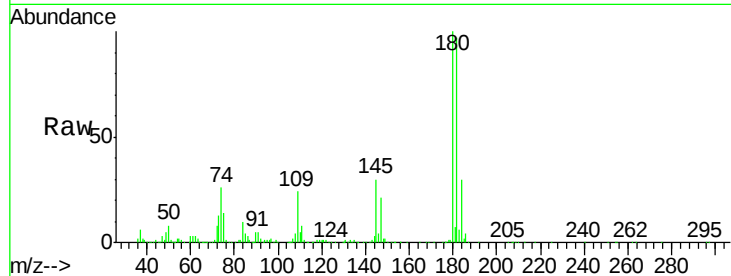
ClientSampleId :

VX0225WBSD02

Tot Ion:	180	Resp:	90163
Ion Ratio	Lower	Upper	
180	100		
182	95.6	47.8	143.3
145	30.7	14.1	42.2

Manual Integrations
APPROVED

MMDadoda
2/26/2019 3:05:17 PM



#94

Hexachlorobutadiene

Concen: 19.760 ug/l

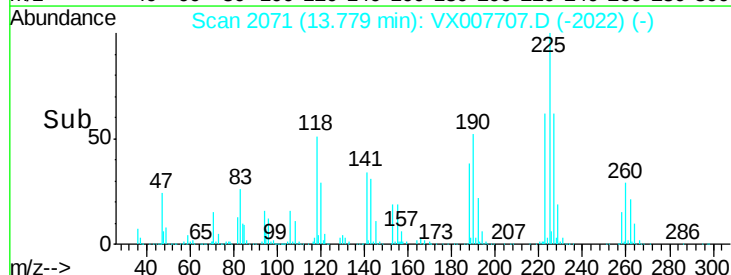
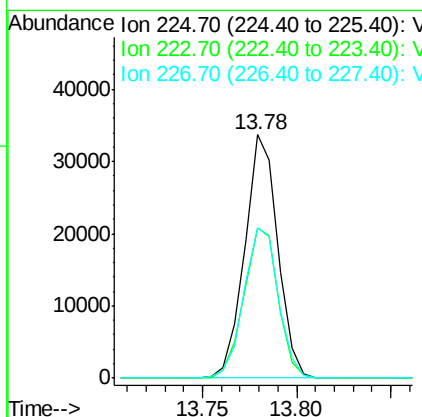
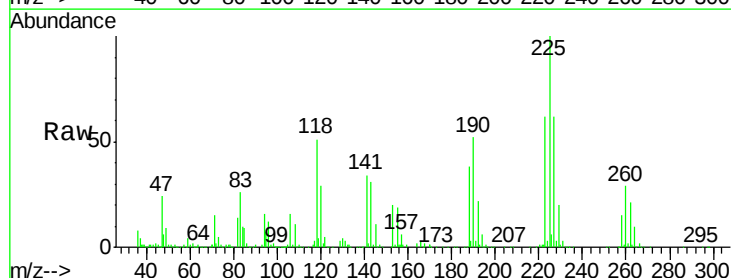
RT: 13.78 min Scan# 2071

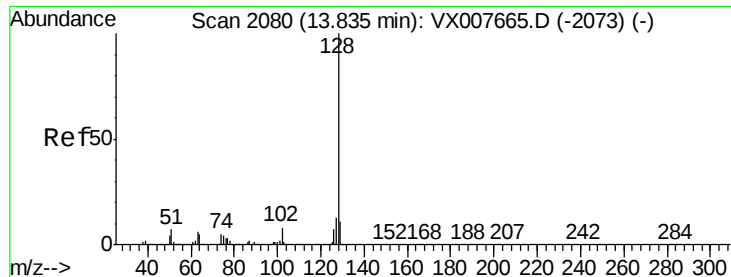
Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Tgt Ion:	225	Resp:	40859
Ion Ratio	Lower	Upper	
225	100		
223	63.9	31.6	94.8
227	64.2	32.1	96.3





#95

Naphthalene

Concen: 20.743 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Instrument :

MSVOA_X

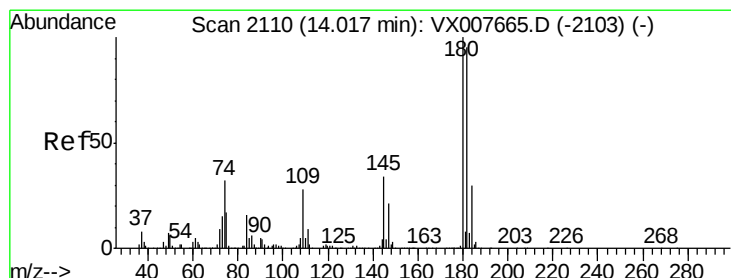
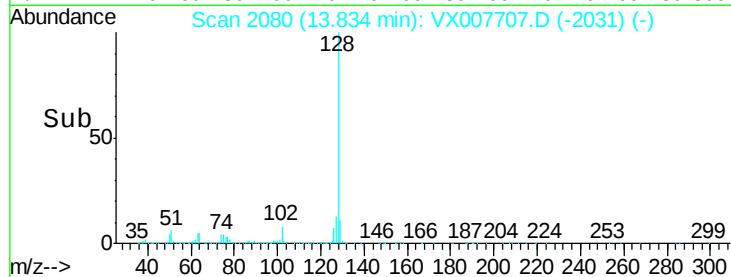
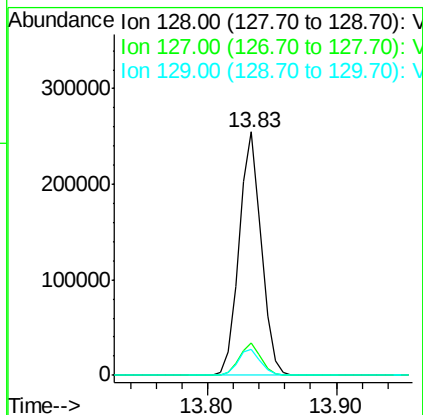
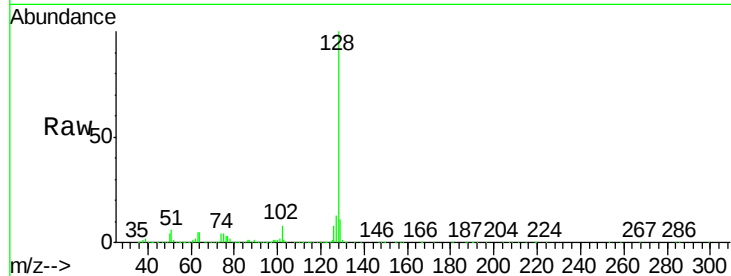
ClientSampleId :

VX0225WBSD02

Tot Ion:	128	Resp:	303765
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.5	15.7
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
2/26/2019 3:05:17 PM



#96

1,2,3-Trichlorobenzene

Concen: 20.208 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007707.D

Acq: 26 Feb 2019 10:27

Tgt Ion:	180	Resp:	91714
Ion Ratio	Lower	Upper	
180	100		
182	95.7	47.5	142.6
145	32.1	14.9	44.5

