

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041019\
 Data File : VX008798.D
 Acq On : 10 Apr 2019 12:26
 Operator : JC/SP
 Sample : VX0410WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 11:48:24 AM

Quant Time: Apr 11 07:24:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	172027	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	279842	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	250579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	116663	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	115979	46.22	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.44%	
35) Dibromofluoromethane	5.49	113	85209	47.62	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.24%	
50) Toluene-d8	8.71	98	348563	48.93	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.86%	
62) 4-Bromofluorobenzene	11.13	95	126273	49.98	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	31490	15.903	ug/l	97
3) Chloromethane	1.32	50	45713	17.747	ug/l	100
4) Vinyl Chloride	1.41	62	43511	16.255	ug/l	96
5) Bromomethane	1.64	94	24249	19.581	ug/l	98
6) Chloroethane	1.72	64	27045	16.469	ug/l	96
7) Trichlorofluoromethane	1.93	101	51462	17.392	ug/l	98
8) Diethyl Ether	2.19	74	24219	17.259	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	33697	17.688	ug/l	99
10) Methyl Iodide	2.51	142	30763	20.314	ug/l	99
11) Tert butyl alcohol	3.04	59	54788	93.270	ug/l	99
12) 1,1-Dichloroethene	2.37	96	34385	17.290	ug/l	98
13) Acrolein	2.29	56	34275	117.674	ug/l	99
14) Allyl chloride	2.73	41	81690	17.943	ug/l	98
15) Acrylonitrile	3.14	53	140749	90.446	ug/l	99
16) Acetone	2.44	43	127221	88.032	ug/l	100
17) Carbon Disulfide	2.57	76	94999	16.039	ug/l	100
18) Methyl Acetate	2.78	43	63325	18.067	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	130514	18.376	ug/l	99
20) Methylene Chloride	2.85	84	41755	17.261	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	36759	17.088	ug/l	96
22) Diisopropyl ether	3.85	45	160498	18.290	ug/l	93
23) Vinyl Acetate	3.81	43	703834	92.200	ug/l	99
24) 1,1-Dichloroethane	3.70	63	77233	17.776	ug/l	99
25) 2-Butanone	4.67	43	209106	91.547	ug/l	99
26) 2,2-Dichloropropane	4.58	77	55906	18.270	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	43288	17.502	ug/l	99
28) Bromochloromethane	5.01	49	40685	20.641	ug/l	99
29) Tetrahydrofuran	5.13	42	138612	91.430	ug/l	99
30) Chloroform	5.21	83	70465	18.159	ug/l	98
31) Cyclohexane	5.58	56	74278	17.134	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	56841	18.126	ug/l	100
36) 1,1-Dichloropropene	5.80	75	53135	17.370	ug/l	98
37) Ethyl Acetate	4.84	43	78889	19.321	ug/l	99
38) Carbon Tetrachloride	5.78	117	46107	18.211	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	65830	17.421	ug/l	99
40) Benzene	6.14	78	166879	18.312	ug/l	98
41) Methacrylonitrile	5.04	41	44530	18.973	ug/l	99
42) 1,2-Dichloroethane	6.20	62	60600	18.549	ug/l	99
43) Isopropyl Acetate	6.45	43	121104	18.934	ug/l	100
44) Trichloroethene	7.21	130	38706	18.236	ug/l	97
45) 1,2-Dichloropropane	7.51	63	47659	18.323	ug/l	100
46) Dibromomethane	7.66	93	26998	17.896	ug/l	98
47) Bromodichloromethane	7.90	83	52610	18.496	ug/l	99
48) Methyl methacrylate	7.77	41	60695	18.759	ug/l	100
49) 1,4-Dioxane	7.74	88	23396	386.011	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	407064	98.864	ug/l	100
52) Toluene	8.78	92	101087	18.815	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	59499	18.674	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	67156	18.446	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	41105	19.060	ug/l	98
56) Ethyl methacrylate	9.18	69	75525	19.356	ug/l	99
57) 1,3-Dichloropropane	9.37	76	72630	18.755	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	191262	95.995	ug/l	99
59) 2-Hexanone	9.49	43	315505	98.600	ug/l	99
60) Dibromochloromethane	9.58	129	38953	19.168	ug/l	99
61) 1,2-Dibromoethane	9.67	107	41438	18.457	ug/l	98
64) Tetrachloroethene	9.34	164	34999	18.852	ug/l	98
65) Chlorobenzene	10.14	112	102540	18.461	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	35920	18.433	ug/l	97
67) Ethyl Benzene	10.25	91	192145	18.551	ug/l	100
68) m/p-Xylenes	10.36	106	137376	36.889	ug/l	99
69) o-Xylene	10.69	106	67514	18.707	ug/l	99
70) Styrene	10.71	104	117791	18.934	ug/l	99
71) Bromoform	10.85	173	27934	18.769	ug/l #	99
73) Isopropylbenzene	11.02	105	180048	18.623	ug/l	100
74) N-amyl acetate	10.90	43	105346	18.520	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	68013	18.497	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	58710m	18.319	ug/l	
77) Bromobenzene	11.26	156	43182	18.579	ug/l	99
78) n-propylbenzene	11.36	91	206587	18.351	ug/l	100
79) 2-Chlorotoluene	11.42	91	123791	18.171	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	151288	18.642	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	21379	18.388	ug/l	96
82) 4-Chlorotoluene	11.51	91	142082	18.018	ug/l	98
83) tert-Butylbenzene	11.77	119	143634	18.396	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	153281	18.653	ug/l	99
85) sec-Butylbenzene	11.94	105	171950	18.540	ug/l	100
86) p-Isopropyltoluene	12.06	119	155616	18.695	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	77049	18.517	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	76537	18.165	ug/l	100
89) n-Butylbenzene	12.38	91	143206	18.344	ug/l	100
90) Hexachloroethane	12.60	117	24929	18.056	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	76575	18.535	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14637	18.096	ug/l	99

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Instrument :
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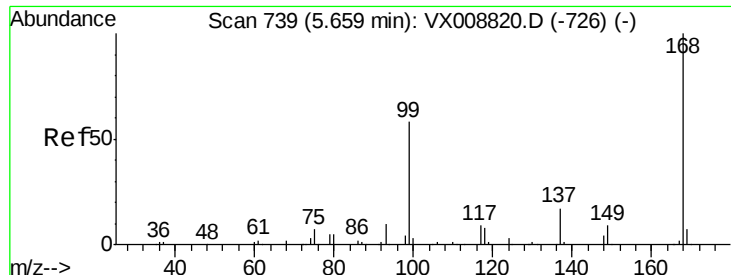
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	53372	18.581	ug/l	99
94) Hexachlorobutadiene	13.78	225	26535	19.262	ug/l	99
95) Naphthalene	13.83	128	177181	18.456	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	52804	18.399	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008798.D

Acq: 10 Apr 2019 12:26

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS01

Tot Ion:168 Resp: 172027

Ion Ratio Lower Upper

168 100

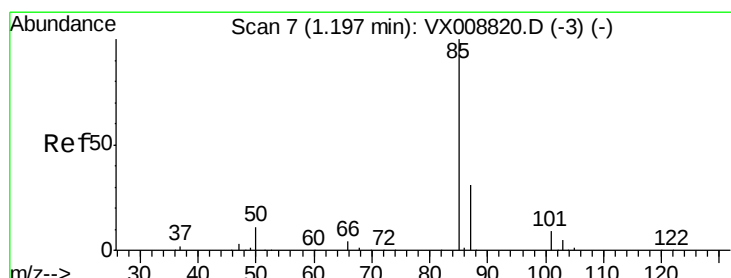
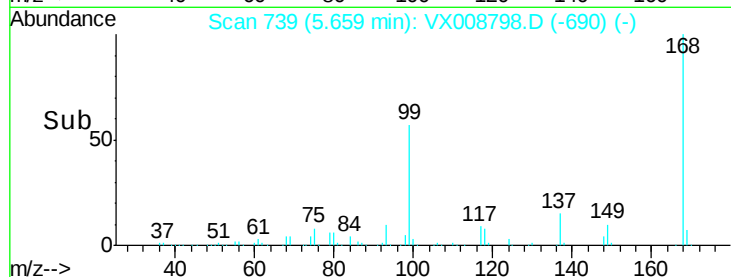
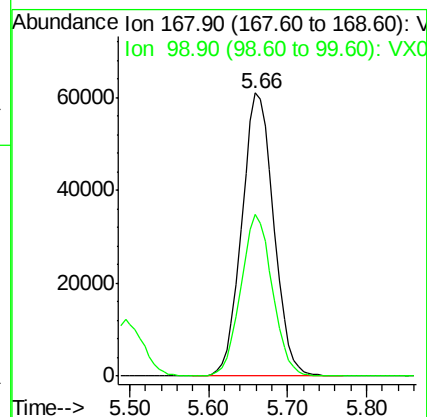
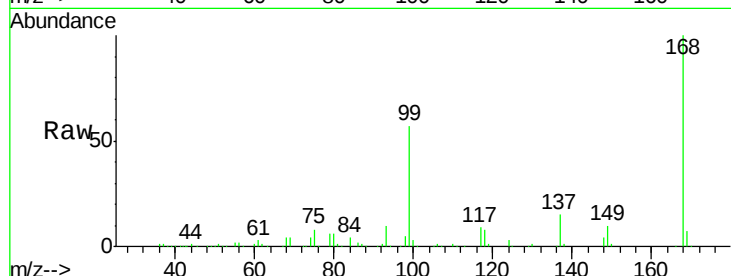
99 57.1 46.7 70.1

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 15.903 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008798.D

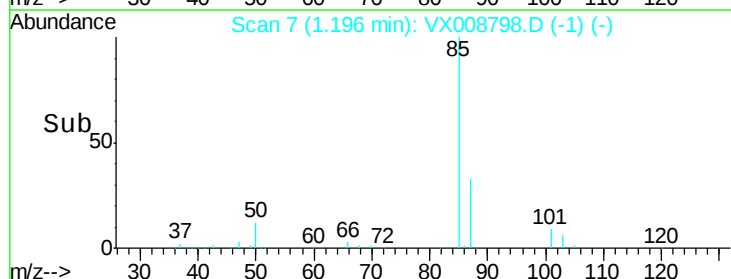
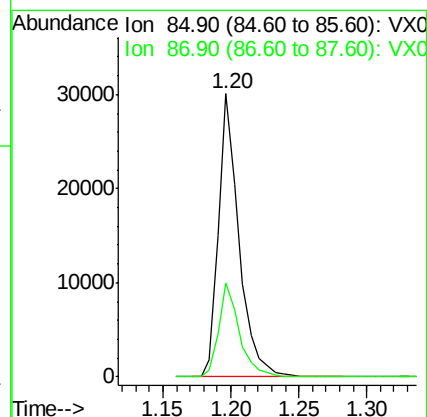
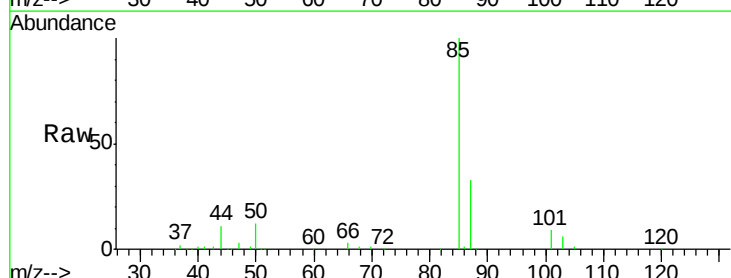
Acq: 10 Apr 2019 12:26

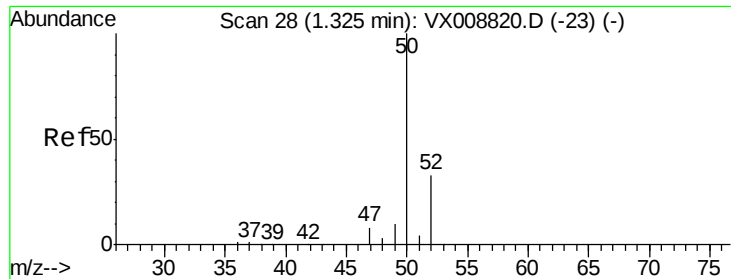
Tgt Ion: 85 Resp: 31490

Ion Ratio Lower Upper

85 100

87 33.0 15.8 47.3





#3

Chloromethane

Concen: 17.747 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008798.D

Acq: 10 Apr 2019 12:26

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS01

Tot Ion: 50 Resp: 45713

Ion Ratio Lower Upper

50 100

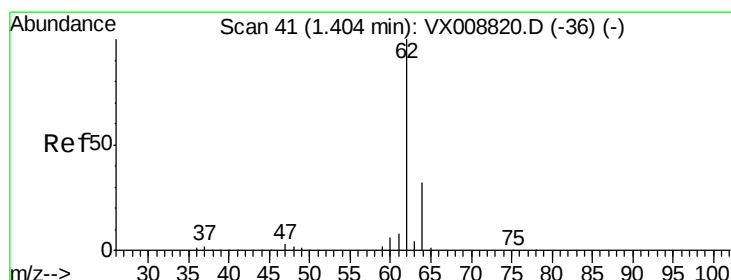
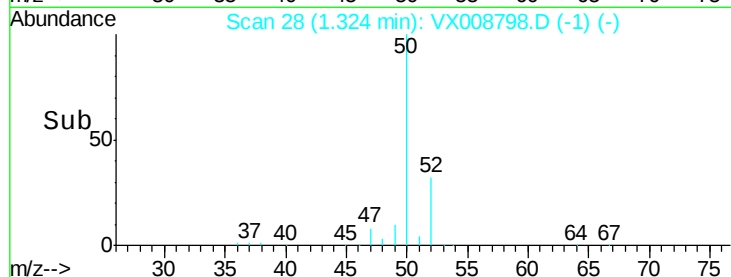
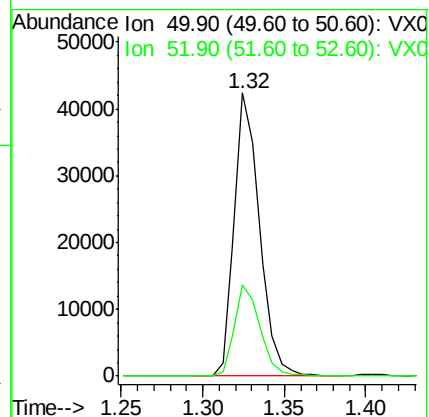
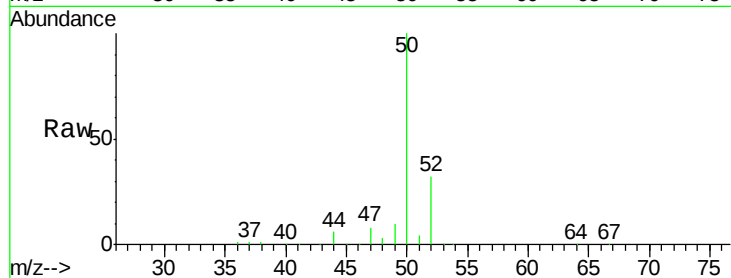
52 32.1 25.8 38.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 16.255 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008798.D

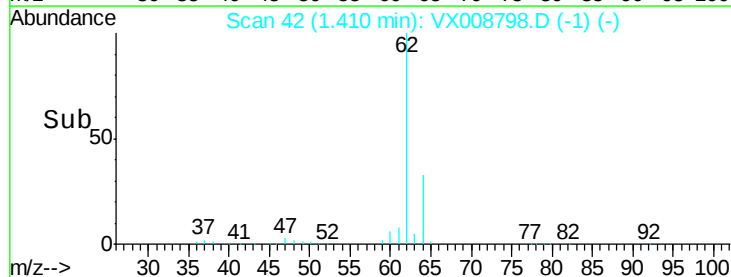
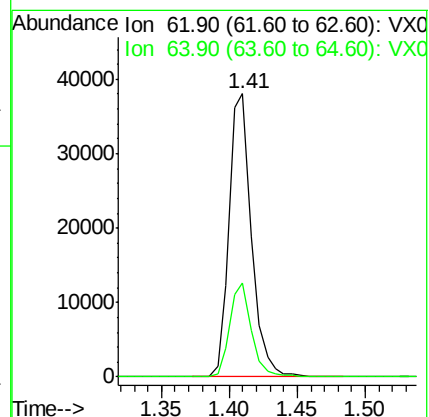
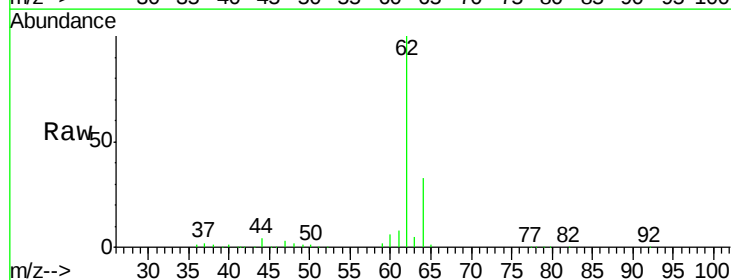
Acq: 10 Apr 2019 12:26

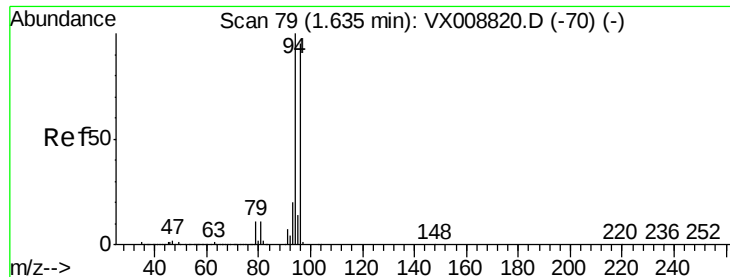
Tgt Ion: 62 Resp: 43511

Ion Ratio Lower Upper

62 100

64 33.2 24.7 37.1





#5

Bromomethane

Concen: 19.581 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008798.D

Acq: 10 Apr 2019 12:26

Instrument :

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ClientSampleId :

VX0410WBS01

Tot Ion: 94 Resp: 24249

Ion Ratio Lower Upper

94 100

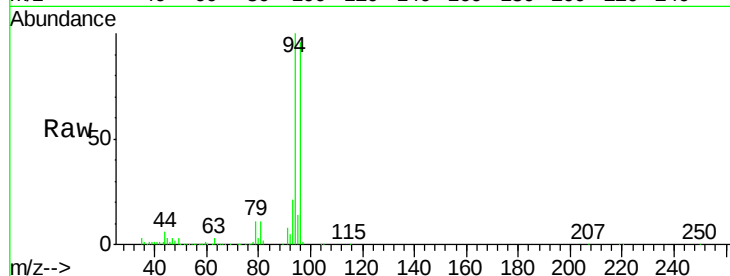
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Manual Integrations

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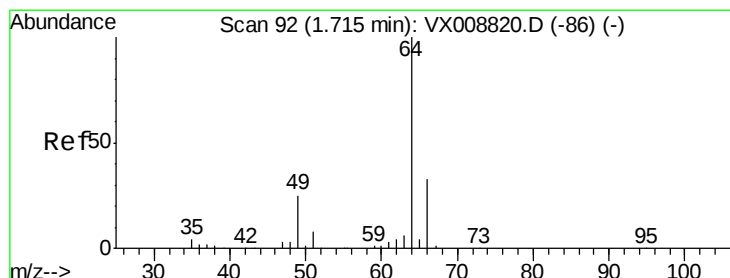
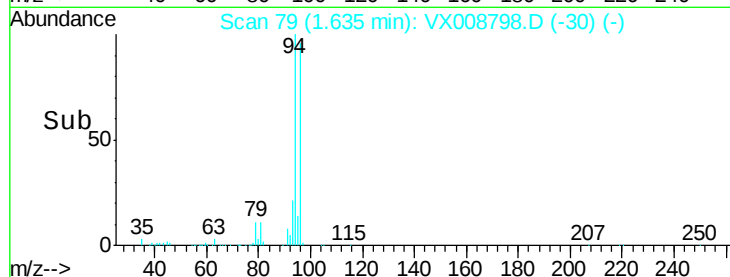
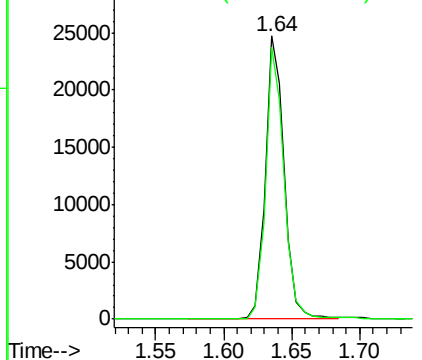
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 16.469 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008798.D

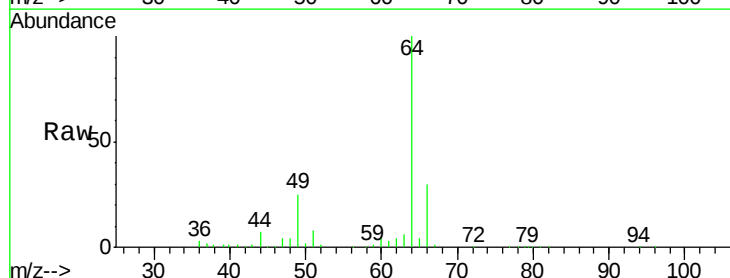
Acq: 10 Apr 2019 12:26

Tgt Ion: 64 Resp: 27045

Ion Ratio Lower Upper

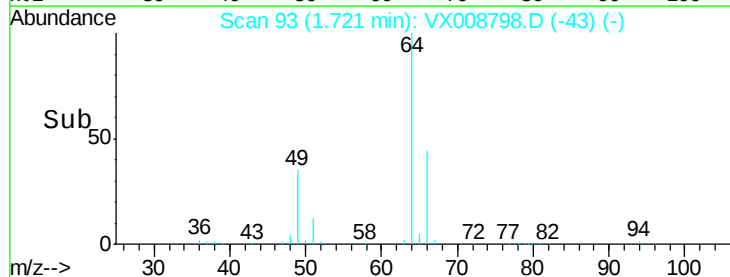
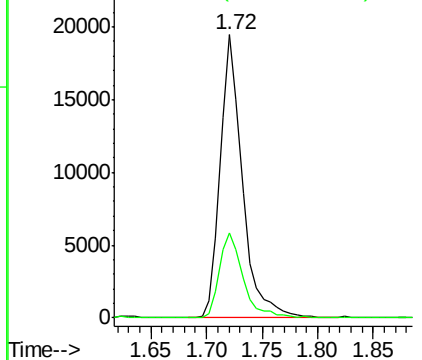
64 100

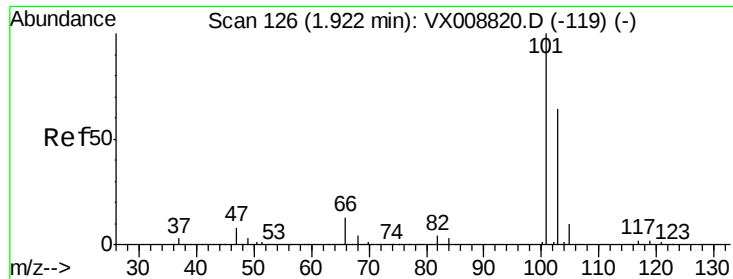
66 29.6 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

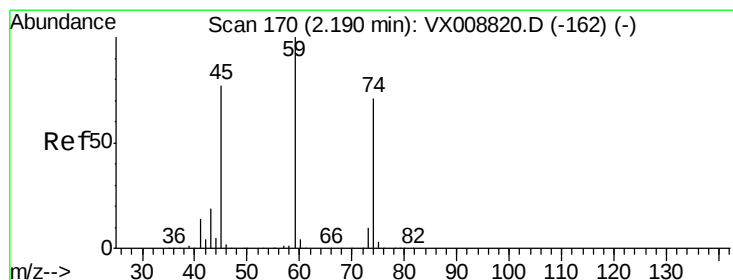
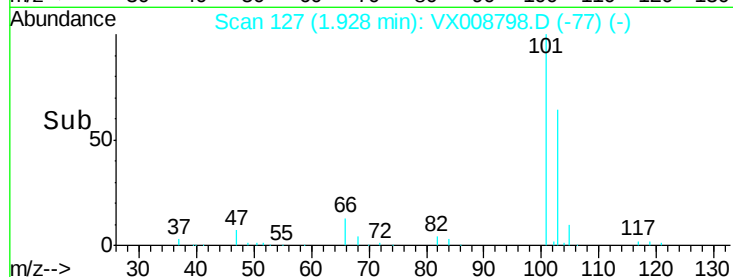
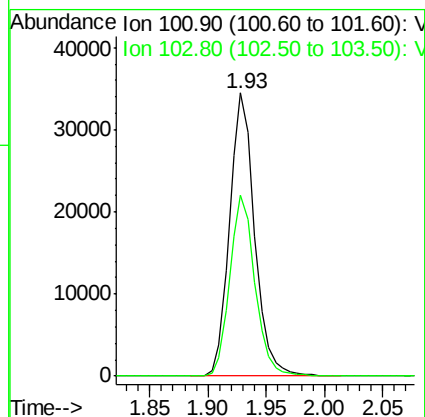
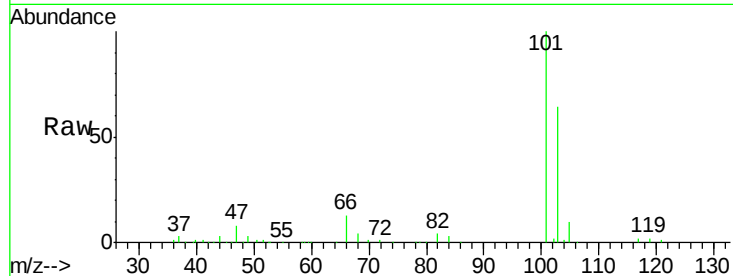
Trichlorofluoromethane
Concen: 17.392 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX008798.D
Acq: 10 Apr 2019 12:26

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ClientSampleId :
VX0410WBS01

Tot Ion:101 Resp: 51462
Ion Ratio Lower Upper
101 100
103 63.8 52.3 78.5

Manual Integrations
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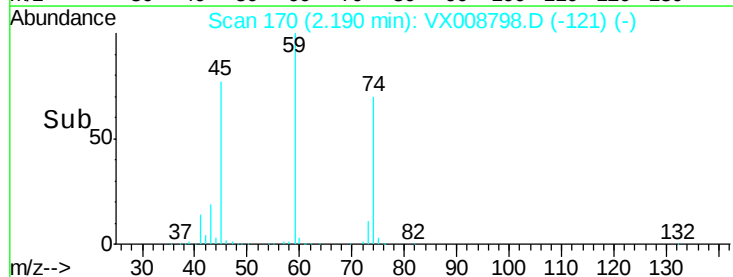
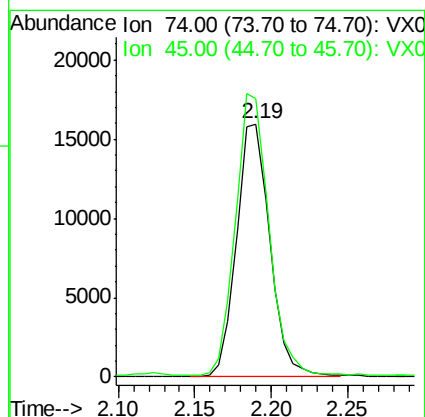
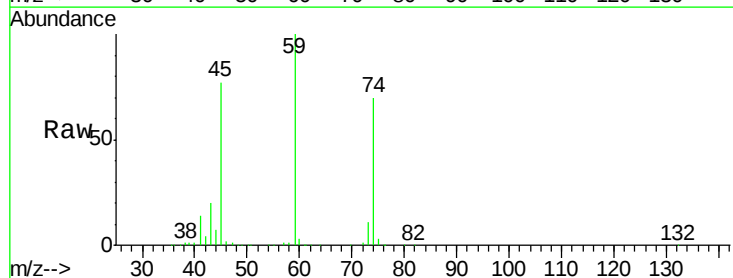
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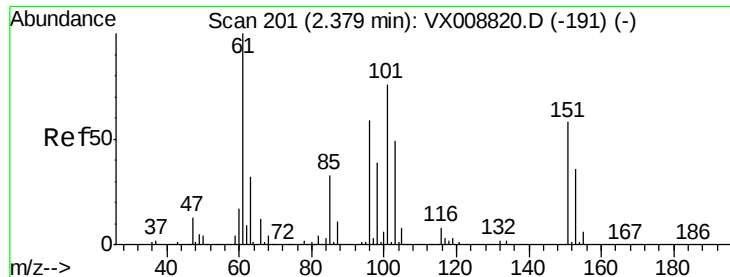


#8

Diethyl Ether
Concen: 17.259 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX008798.D
Acq: 10 Apr 2019 12:26

Tgt Ion: 74 Resp: 24219
Ion Ratio Lower Upper
74 100
45 112.0 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.688 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX008798.D

Acq: 10 Apr 2019 12:26

Instrument :

MSVOA_X

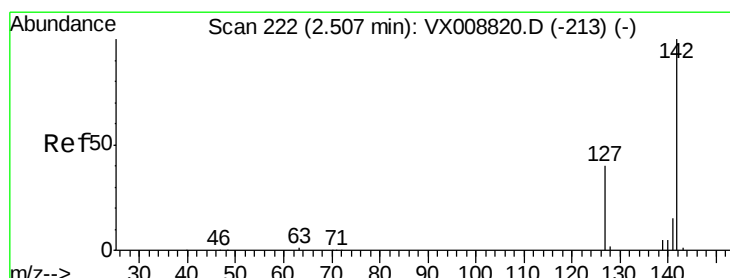
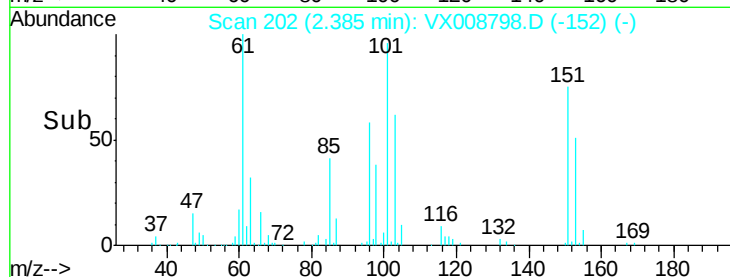
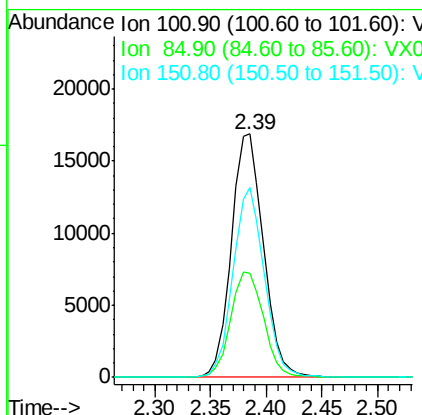
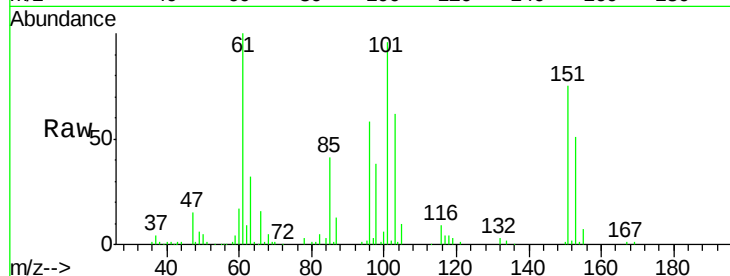
ClientSampleId :

VX0410WBS01

Tot Ion:	101	Resp:	33697
Ion Ratio	Lower	Upper	
101	100		
85	44.4	36.0	54.0
151	76.2	59.9	89.9

Manual Integrations
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#10

Methyl Iodide

Concen: 20.314 ug/l

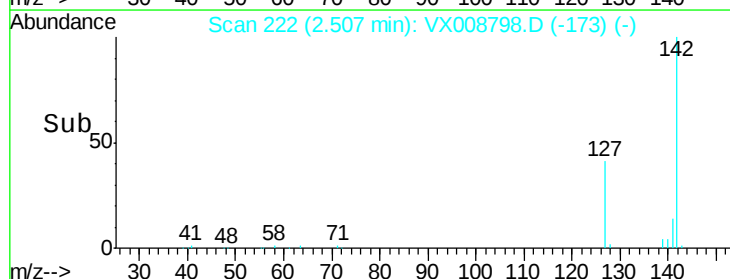
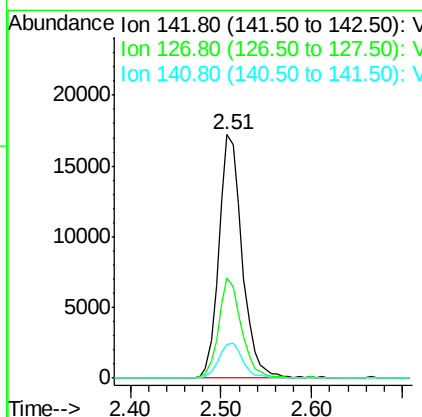
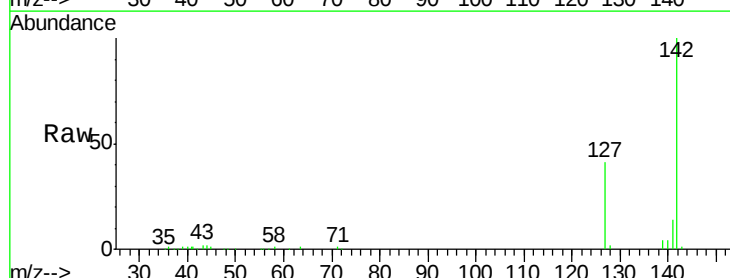
RT: 2.51 min Scan# 222

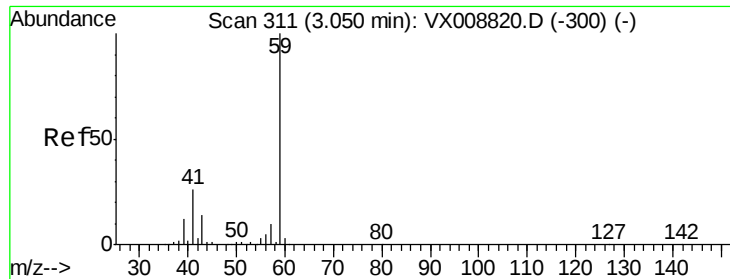
Delta R.T. 0.00 min

Lab File: VX008798.D

Acq: 10 Apr 2019 12:26

Tgt Ion:	142	Resp:	30763
Ion Ratio	Lower	Upper	
142	100		
127	40.4	33.0	49.6
141	14.7	11.4	17.2





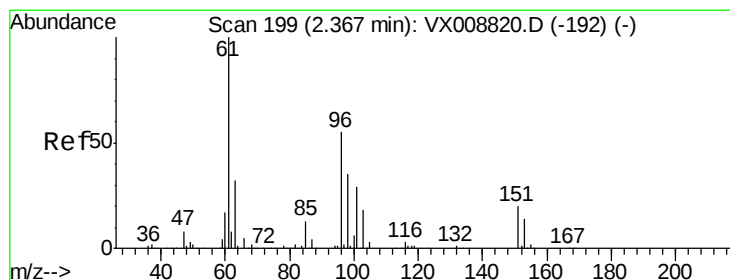
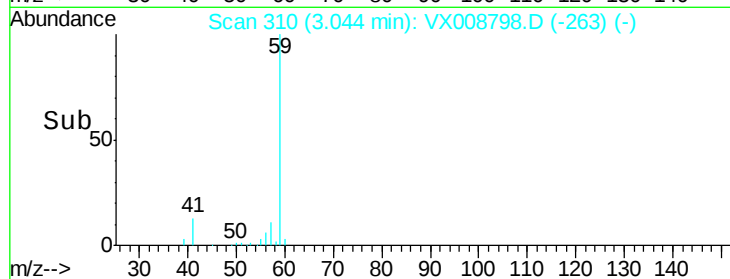
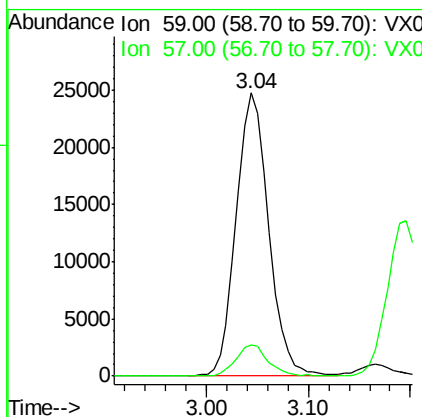
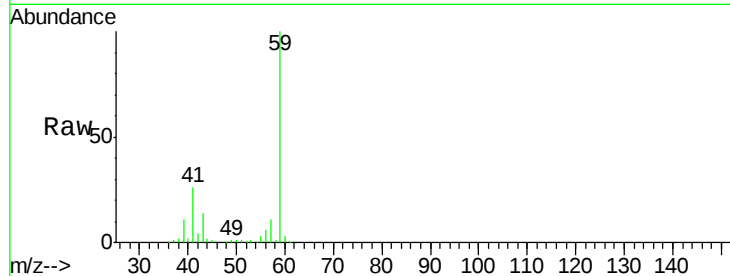
#11
Tert butyl alcohol
Concen: 93.270 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX008798.D
Acq: 10 Apr 2019 12:26

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.3	12.5

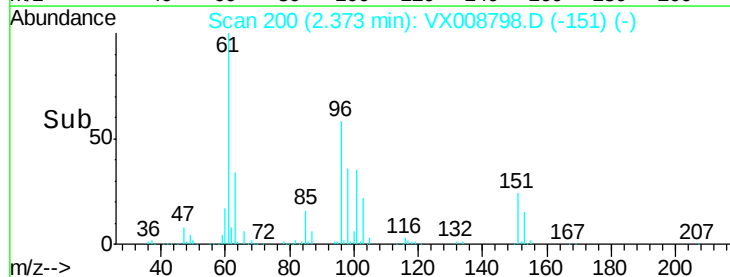
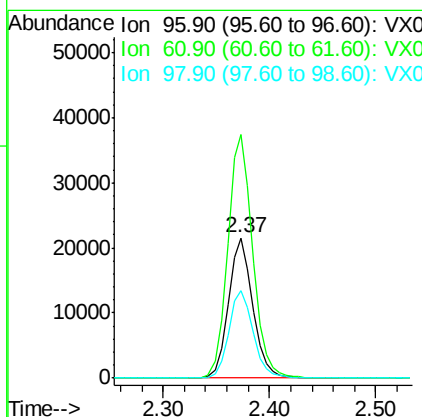
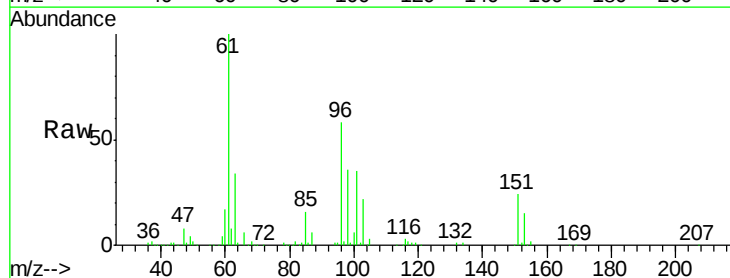
Manual Integrations
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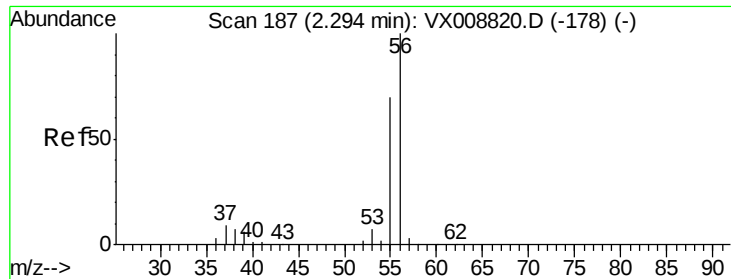
MMDadoda
4/11/2019 11:48:24 AM



#12
1,1-Dichloroethene
Concen: 17.290 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX008798.D
Acq: 10 Apr 2019 12:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	173.7	140.9	211.3
98	62.0	52.1	78.1





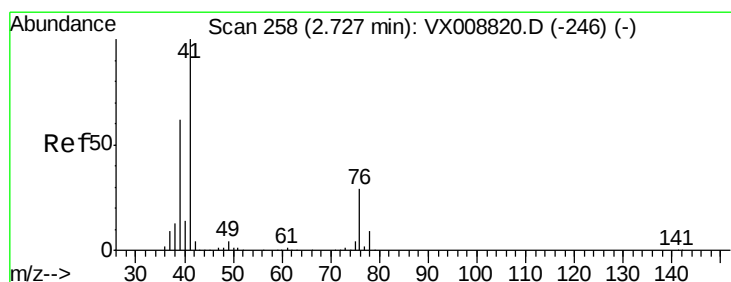
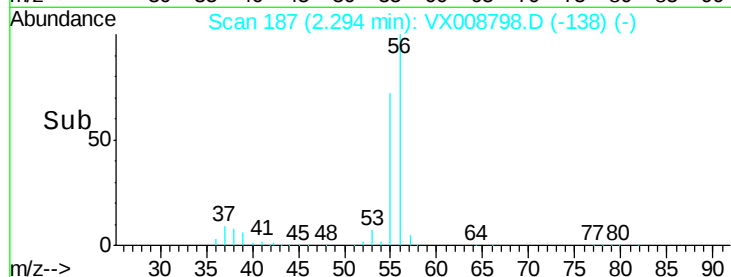
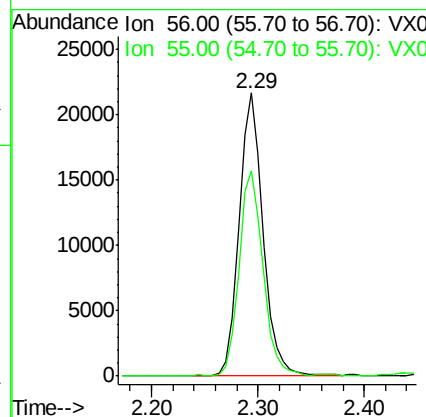
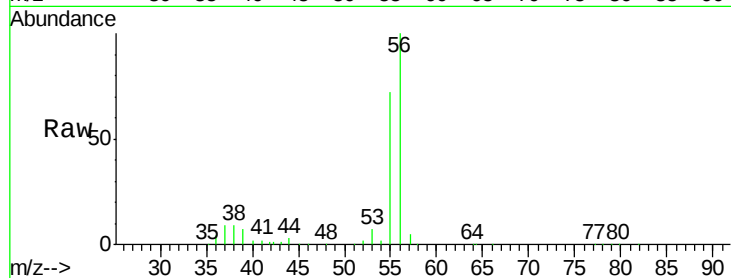
#13
Acrolein
Concen: 117.674 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX008798.D
Acq: 10 Apr 2019 12:26

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS01

Tot Ion: 56 Resp: 34275
Ion Ratio Lower Upper
56 100
55 73.2 58.0 87.0

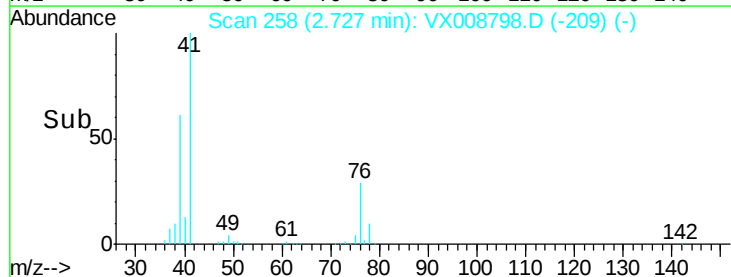
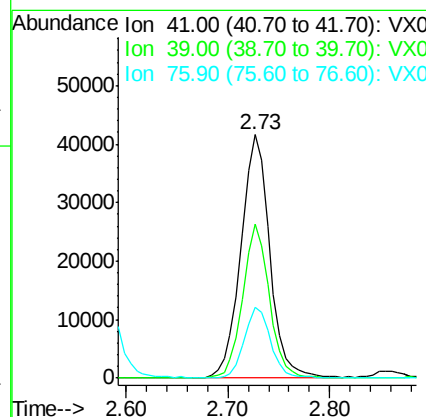
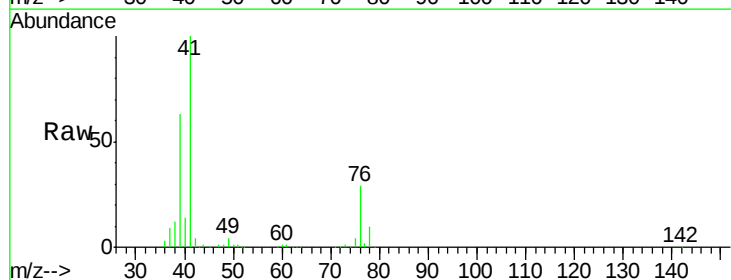
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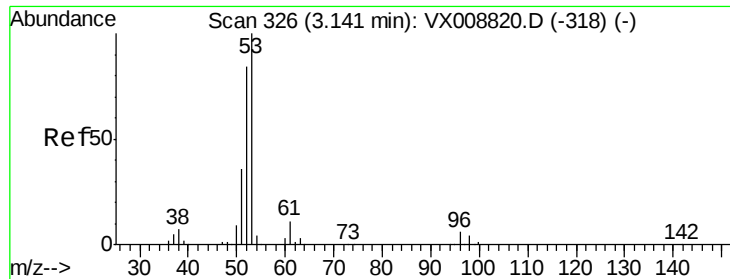
MMDadoda
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#14
Allyl chloride
Concen: 17.943 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX008798.D
Acq: 10 Apr 2019 12:26

Tgt Ion: 41 Resp: 81690
Ion Ratio Lower Upper
41 100
39 58.7 48.0 72.0
76 26.4 22.0 33.0





#15

Acrylonitrile

Concen: 90.446 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008798.D

Acq: 10 Apr 2019 12:26

Instrument :

MSVOA_X

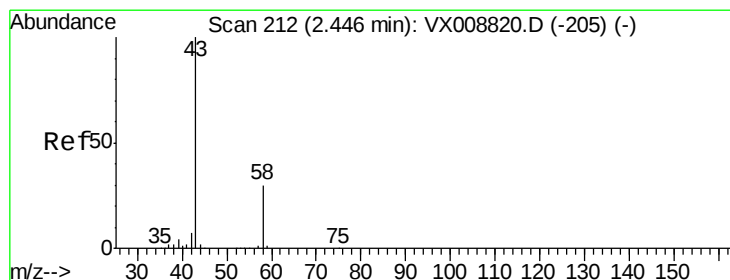
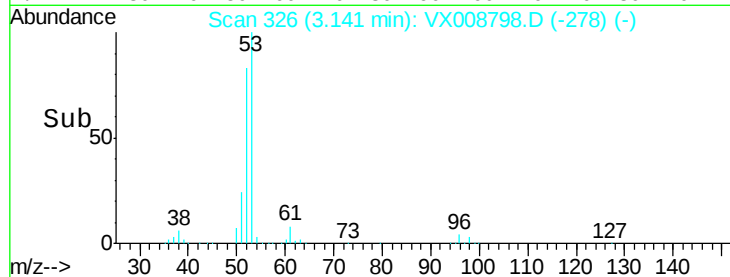
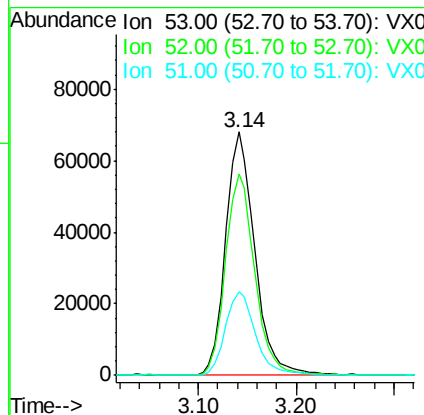
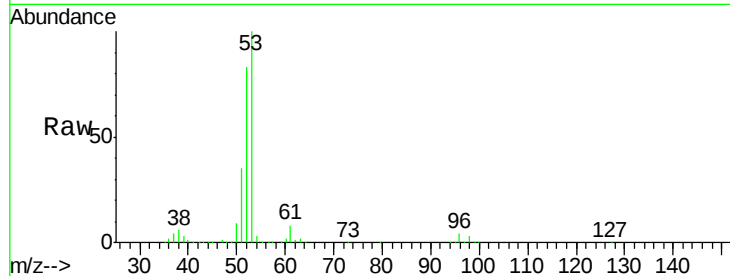
ClientSampleId :

VX0410WBS01

Tot Ion:	53	Resp:	140749
Ion Ratio	Lower	Upper	
53	100		
52	83.8	66.5	99.7
51	35.5	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 88.032 ug/l

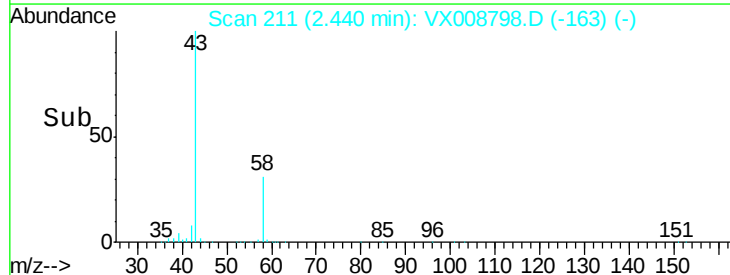
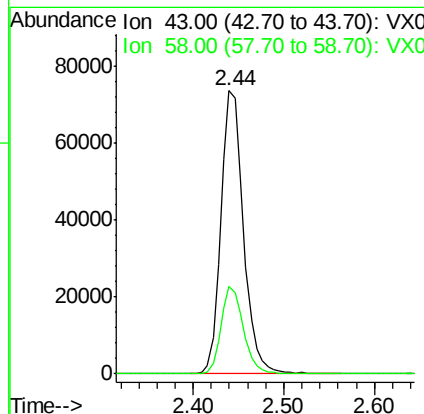
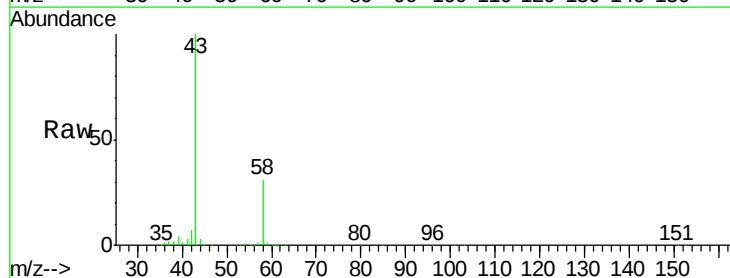
RT: 2.44 min Scan# 211

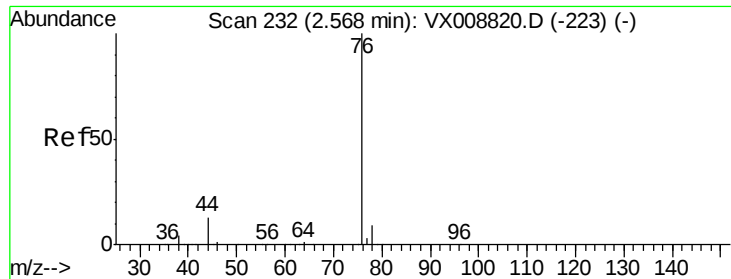
Delta R.T. -0.01 min

Lab File: VX008798.D

Acq: 10 Apr 2019 12:26

Tgt Ion:	43	Resp:	127221
Ion Ratio	Lower	Upper	
43	100		
58	30.8	24.8	37.2





#17

Carbon Disulfide

Concen: 16.039 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008798.D

Acq: 10 Apr 2019 12:26

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS01

Tot Ion: 76 Resp: 94999

Ion Ratio Lower Upper

76 100

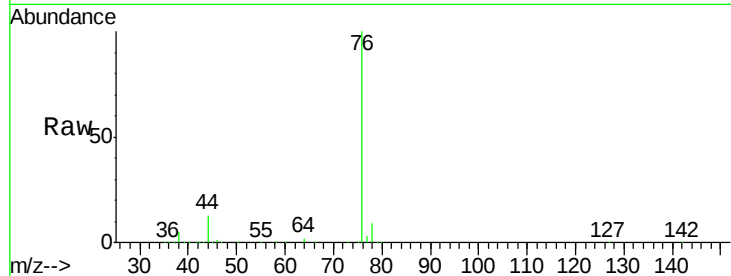
78 8.8 7.1 10.7

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

60000

50000

40000

30000

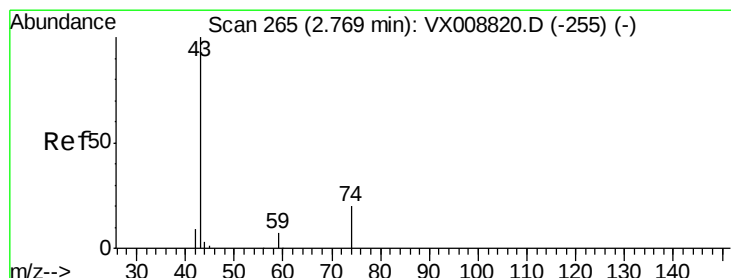
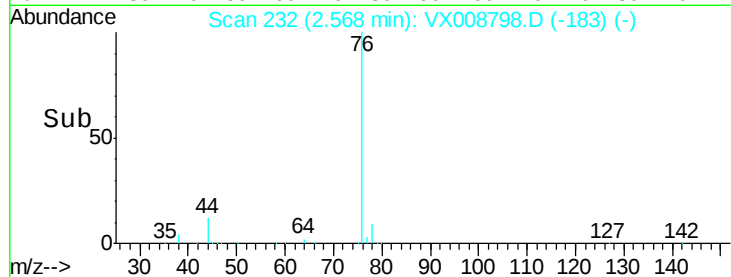
20000

10000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 18.067 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX008798.D

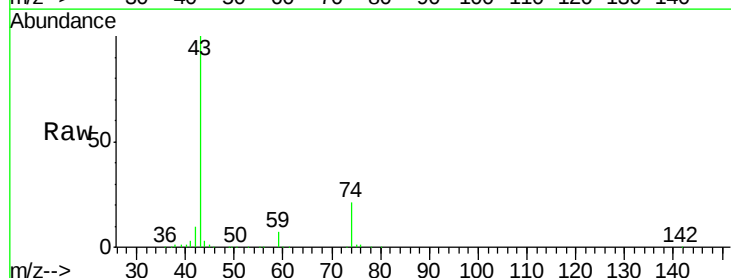
Acq: 10 Apr 2019 12:26

Tgt Ion: 43 Resp: 63325

Ion Ratio Lower Upper

43 100

74 20.4 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

40000

30000

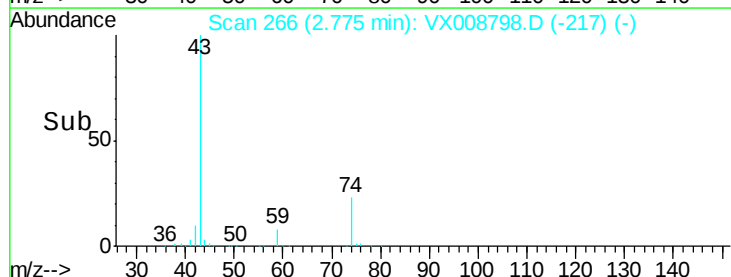
20000

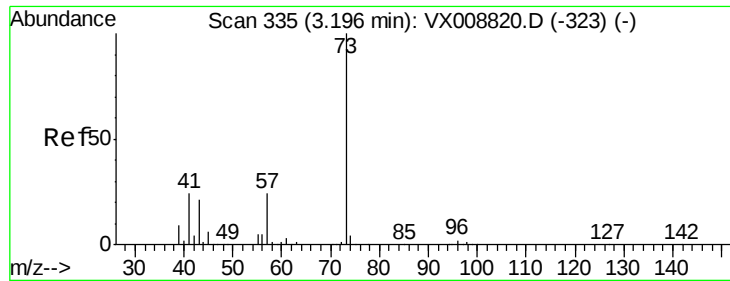
10000

0

Time-->

2.70 2.75 2.80 2.85





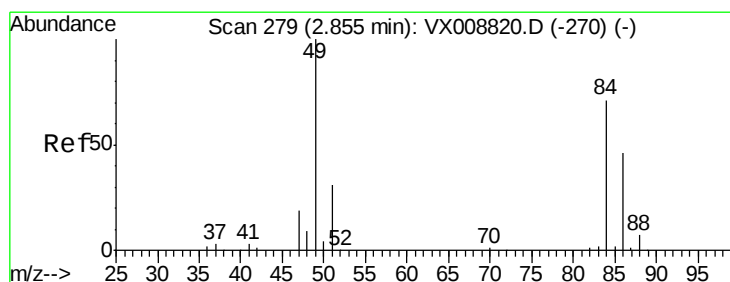
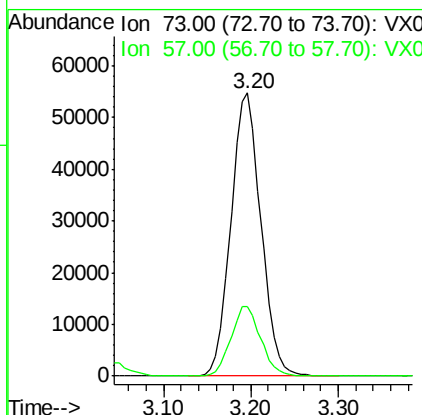
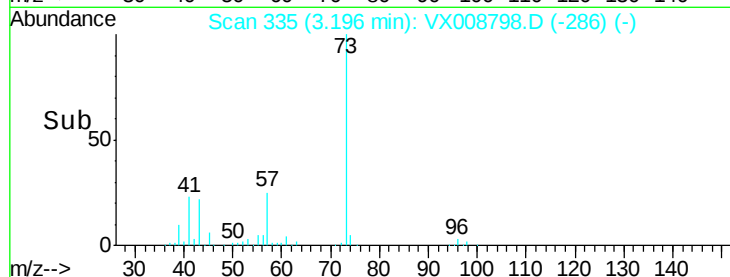
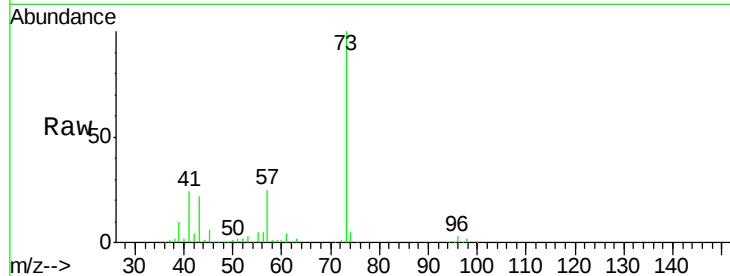
#19
Methyl tert-butyl Ether
Concen: 18.376 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008798.D
Acq: 10 Apr 2019 12:26

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.8	19.5	29.3

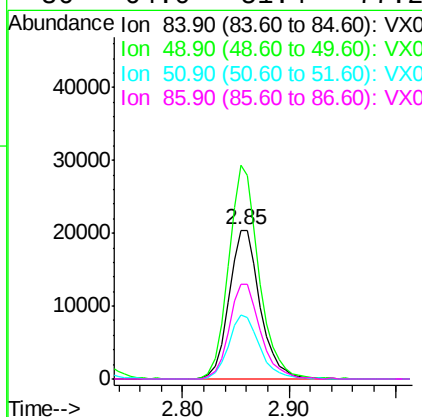
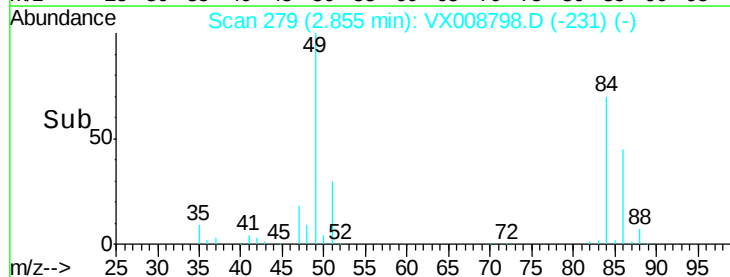
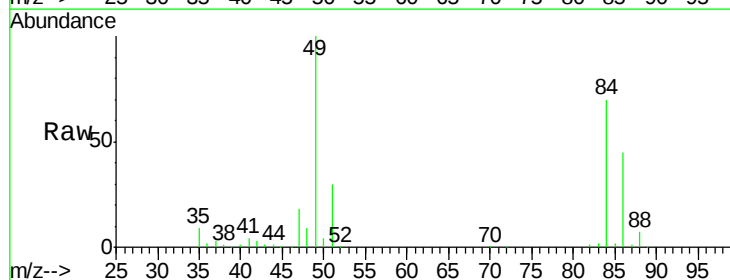
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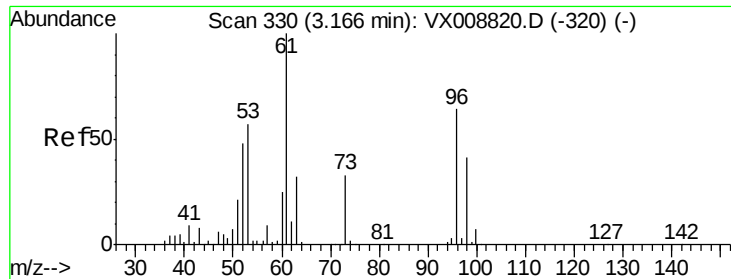
MMDadoda
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#20
Methylene Chloride
Concen: 17.261 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008798.D
Acq: 10 Apr 2019 12:26

Tgt Ion	Ratio	Lower	Upper
84	100		
49	143.4	109.7	164.5
51	43.0	33.6	50.4
86	64.0	51.4	77.2





#21

trans-1,2-Dichloroethene

Concen: 17.088 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008798.D

Acq: 10 Apr 2019 12:26

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS01

Tot Ion: 96 Resp: 36759

Ion Ratio Lower Upper

96 100

61 157.9 132.1 198.1

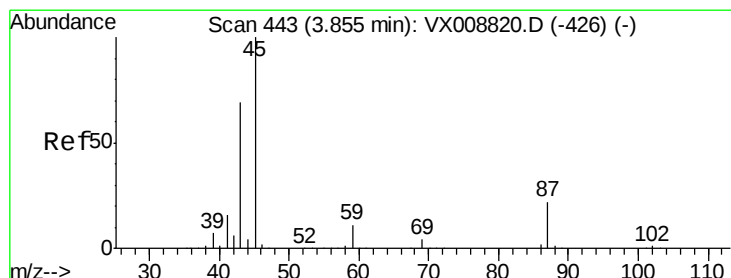
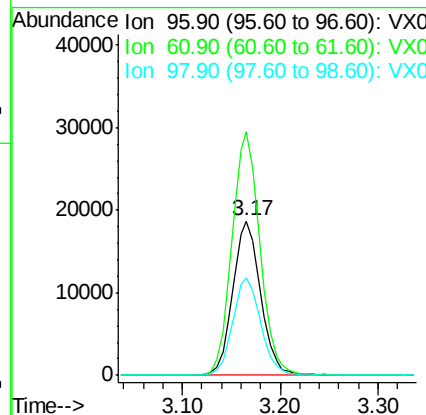
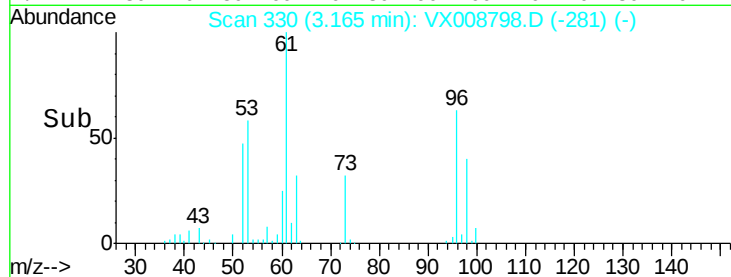
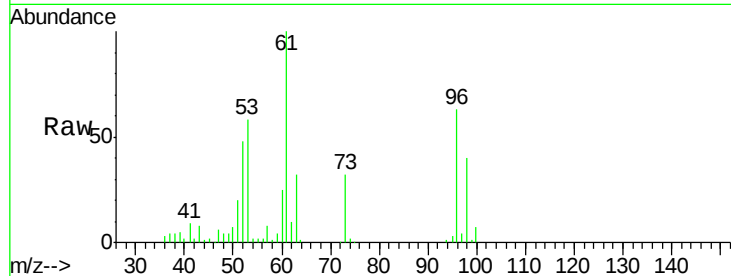
98 63.6 52.2 78.2

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#22

Diisopropyl ether

Concen: 18.290 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008798.D

Acq: 10 Apr 2019 12:26

Tgt Ion: 45 Resp: 160498

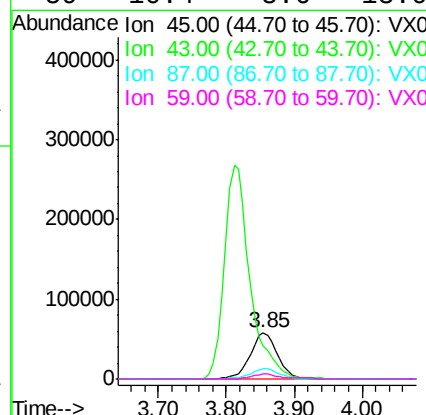
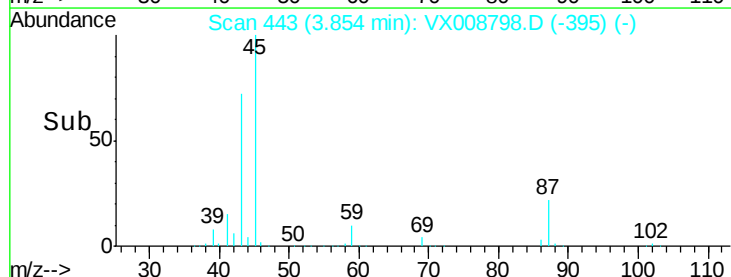
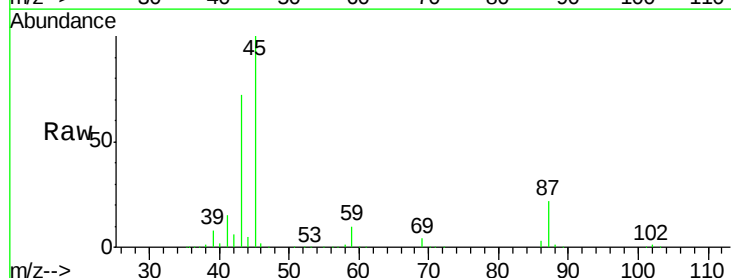
Ion Ratio Lower Upper

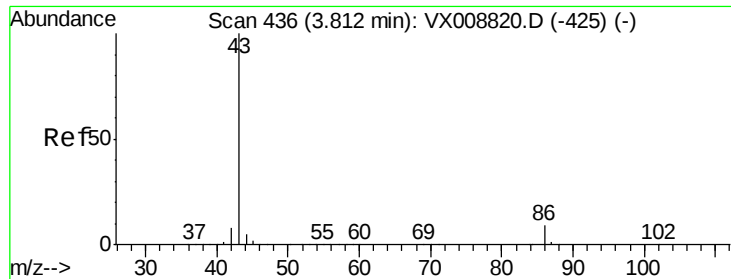
45 100

43 72.1 51.3 76.9

87 21.6 18.1 27.1

59 10.4 8.6 13.0





#23

Vinyl Acetate

Concen: 92.200 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008798.D

Acq: 10 Apr 2019 12:26

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS01

Tot Ion: 43 Resp: 703834

Ion Ratio Lower Upper

43 100

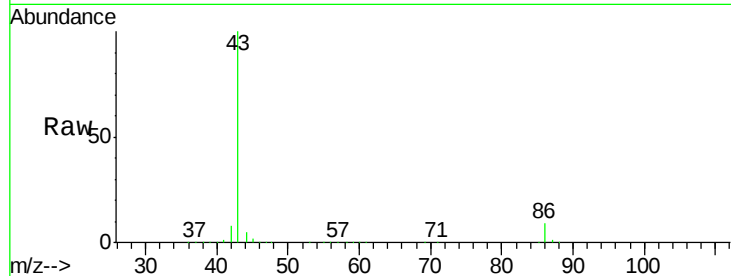
86 8.6 7.0 10.6

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

300000

250000

200000

150000

100000

50000

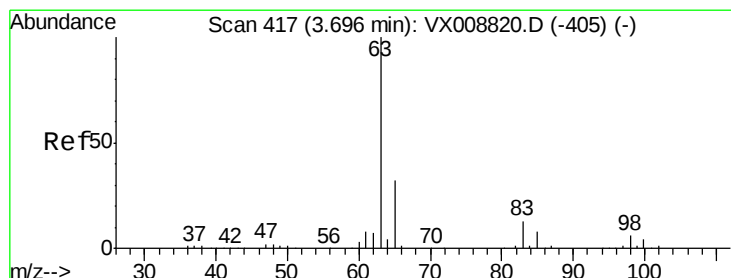
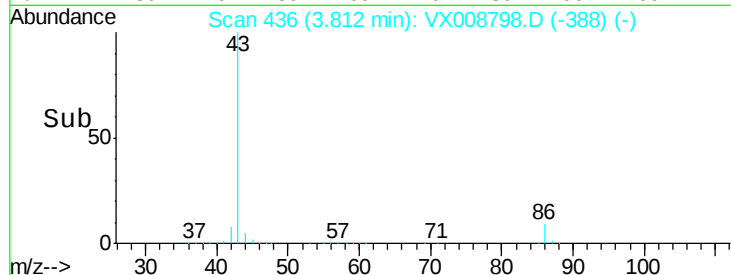
0

3.81

3.80

4.00

Time-->



#24

1,1-Dichloroethane

Concen: 17.776 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008798.D

Acq: 10 Apr 2019 12:26

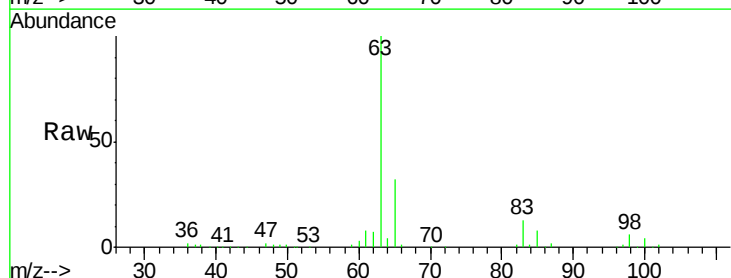
Tgt Ion: 63 Resp: 77233

Ion Ratio Lower Upper

63 100

98 6.2 2.8 8.4

100 3.8 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

40000

30000

20000

10000

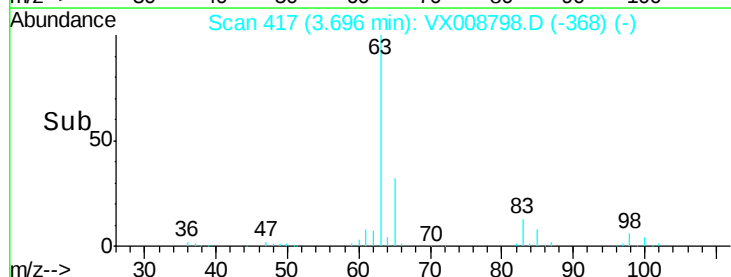
0

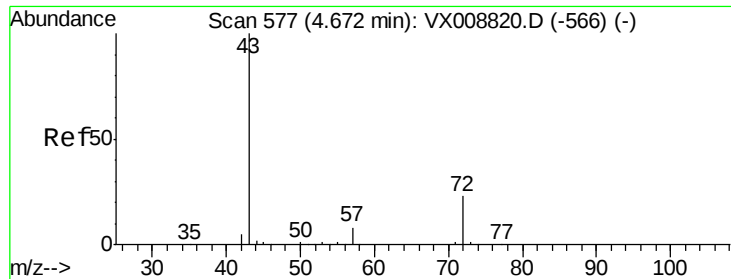
3.70

3.60

3.80

Time-->





#25

2-Butanone

Concen: 91.547 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008798.D

Acq: 10 Apr 2019 12:26

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS01

Tot Ion: 43 Resp: 209106

Ion Ratio Lower Upper

43 100

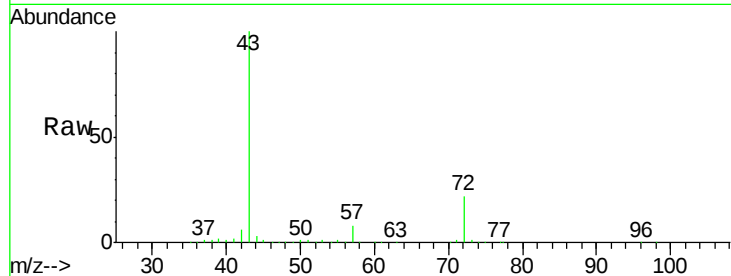
72 22.3 18.2 27.4

Manual Integrations

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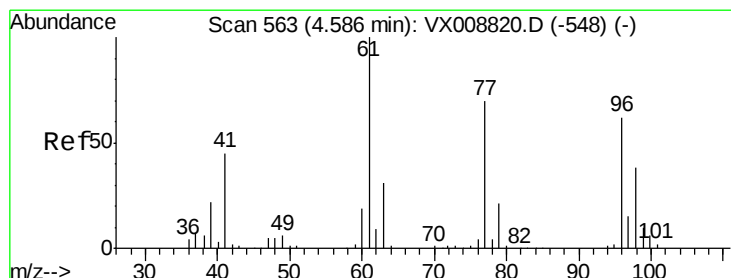
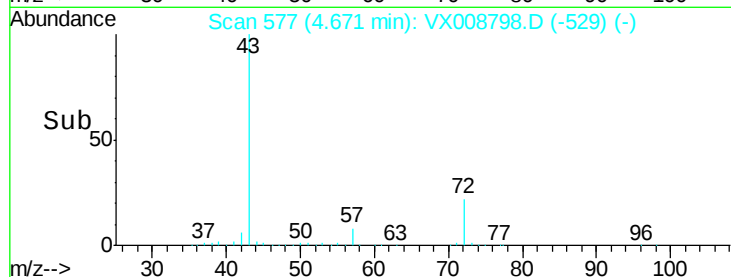
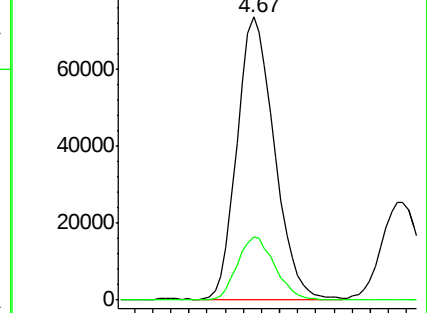
MMDadoda

4/11/2019 11:48:24 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.270 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008798.D

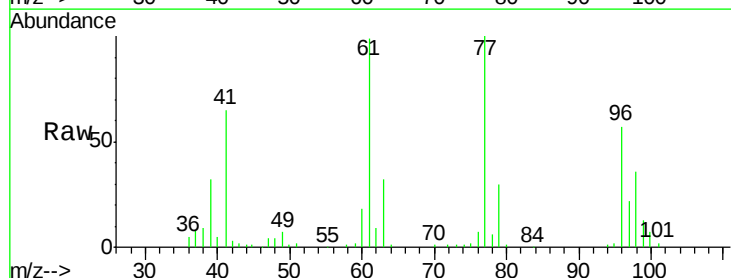
Acq: 10 Apr 2019 12:26

Tgt Ion: 77 Resp: 55906

Ion Ratio Lower Upper

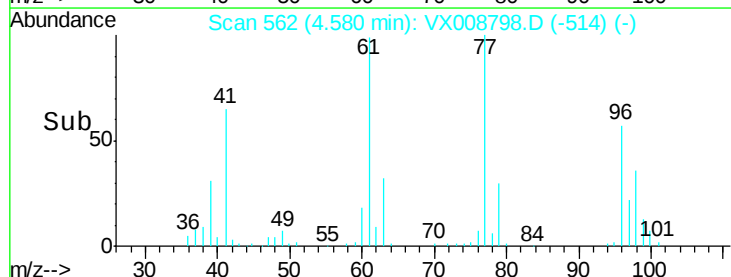
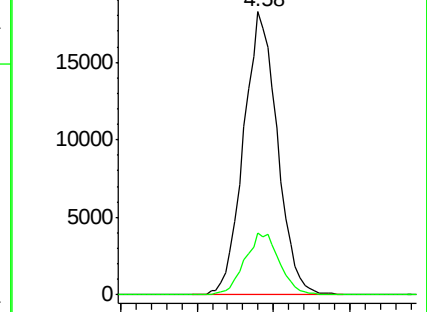
77 100

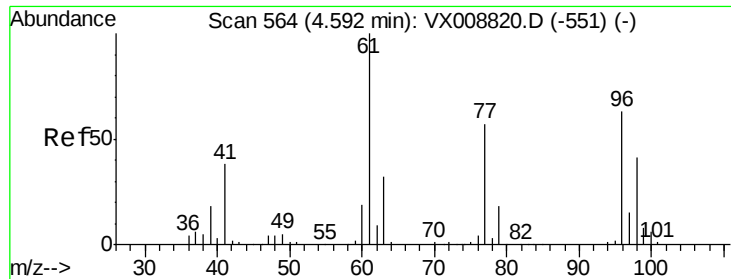
97 22.5 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

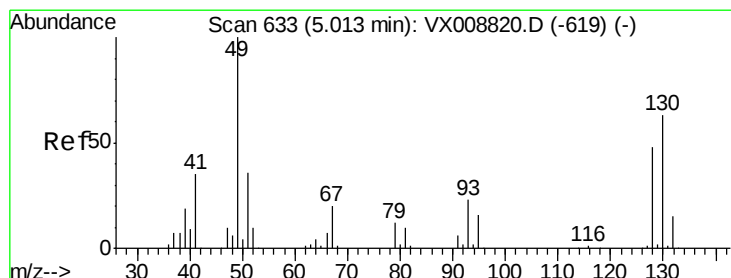
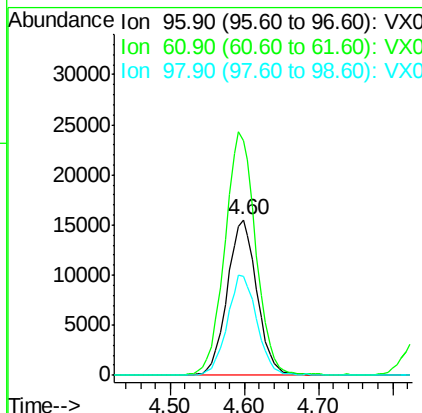
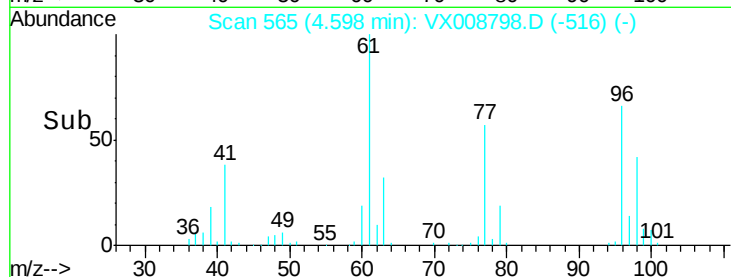
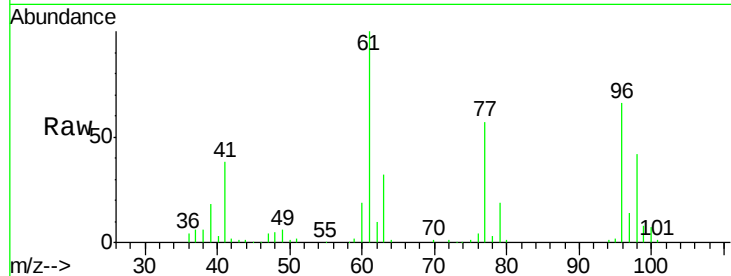
cis-1,2-Dichloroethene
Concen: 17.502 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008798.D
Acq: 10 Apr 2019 12:26

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	162.1	0.0	327.6
98	64.1	0.0	128.6

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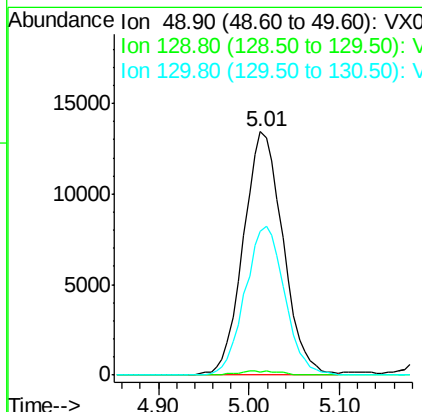
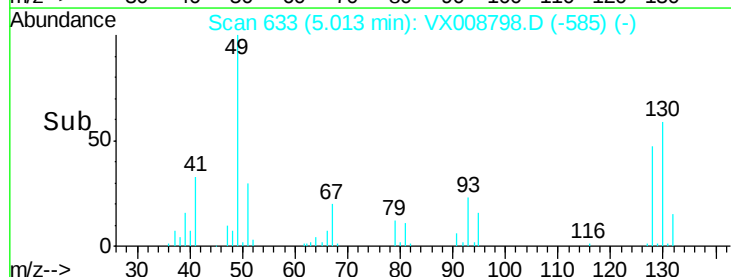
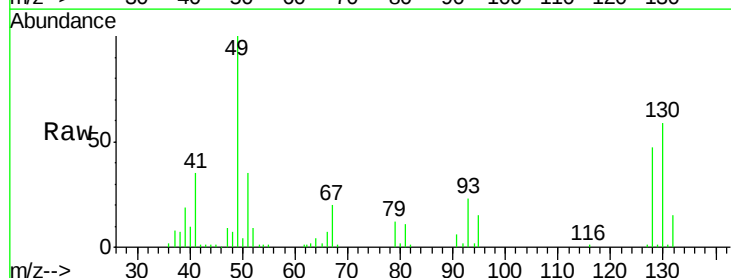
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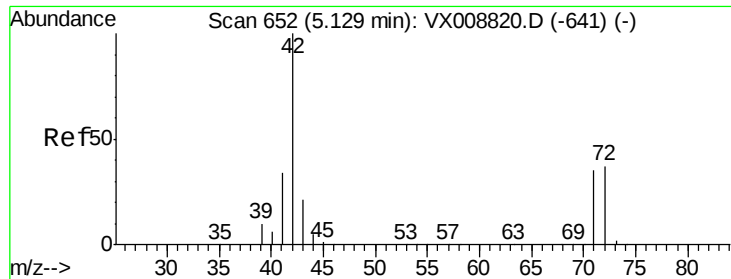


#28

Bromochloromethane
Concen: 20.641 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008798.D
Acq: 10 Apr 2019 12:26

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.6
130	60.9	49.3	73.9





#29

Tetrahydrofuran

Concen: 91.430 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX008798.D

Acq: 10 Apr 2019 12:26

Instrument :

MSVOA_X

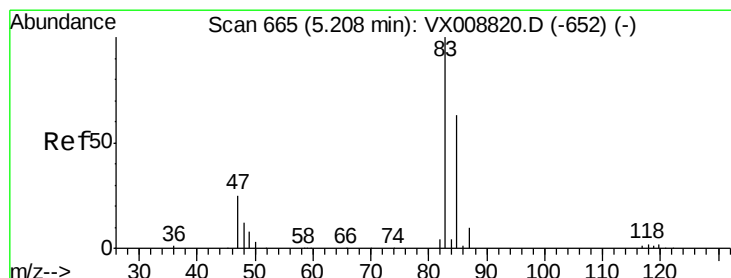
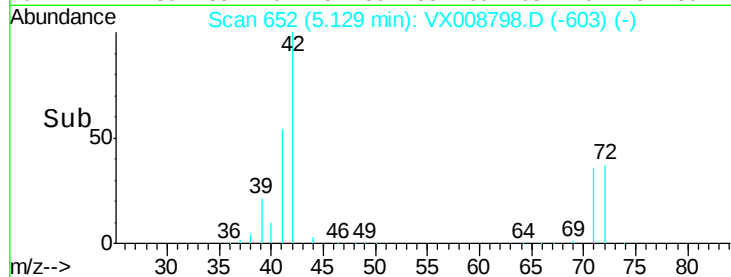
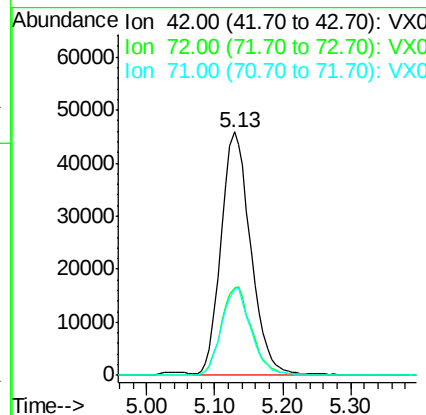
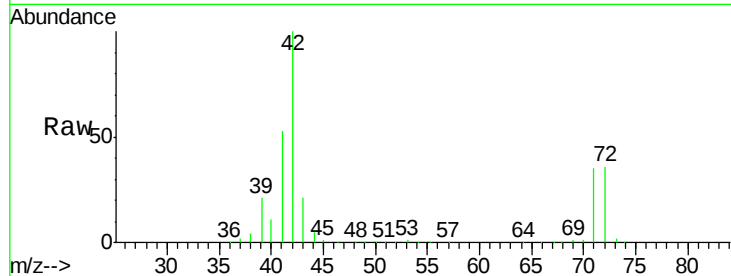
ClientSampleId :

VX0410WBS01

Tot Ion:	42	Resp:	138612
Ion	Ratio	Lower	Upper
42	100		
72	37.5	30.5	45.7
71	35.7	28.6	43.0

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#30

Chloroform

Concen: 18.159 ug/l

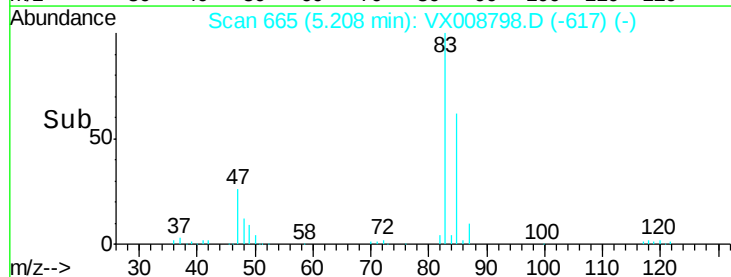
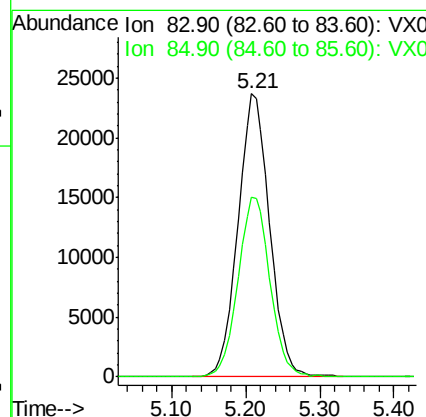
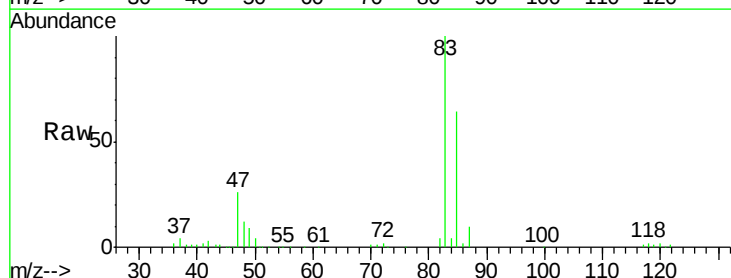
RT: 5.21 min Scan# 665

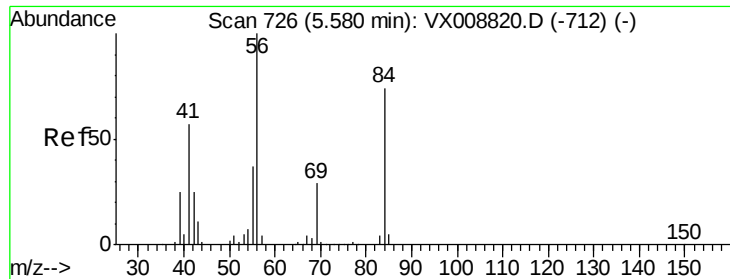
Delta R.T. -0.01 min

Lab File: VX008798.D

Acq: 10 Apr 2019 12:26

Tgt Ion:	83	Resp:	70465
Ion	Ratio	Lower	Upper
83	100		
85	63.6	52.1	78.1





#31

Cyclohexane

Concen: 17.134 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008798.D

Acq: 10 Apr 2019 12:26

Instrument :

MSVOA_X

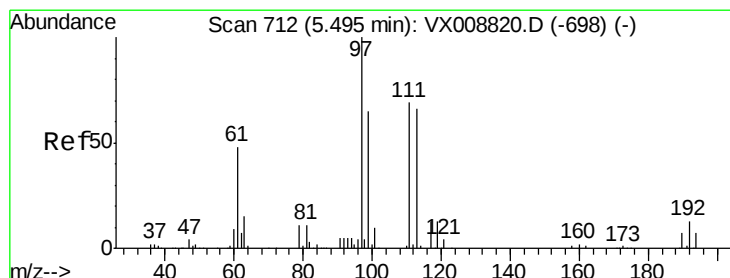
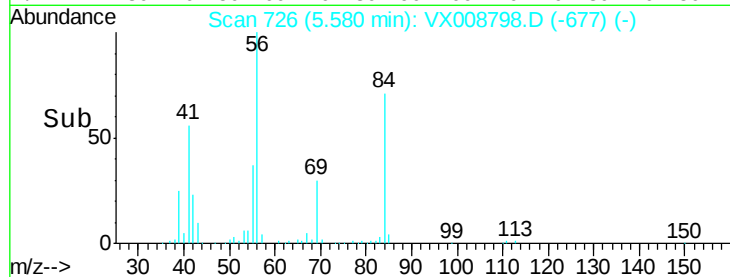
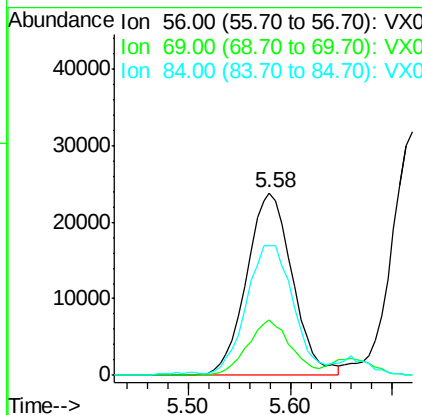
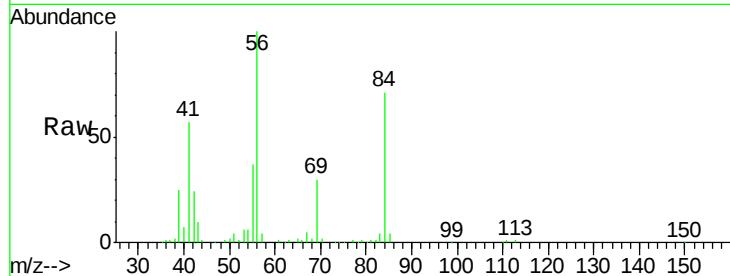
ClientSampleId :

VX0410WBS01

Tot Ion:	56	Resp:	74278
Ion Ratio	Lower	Upper	
56	100		
69	30.3	22.6	33.8
84	69.3	59.3	88.9

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#32

1,1,1-Trichloroethane

Concen: 18.126 ug/l

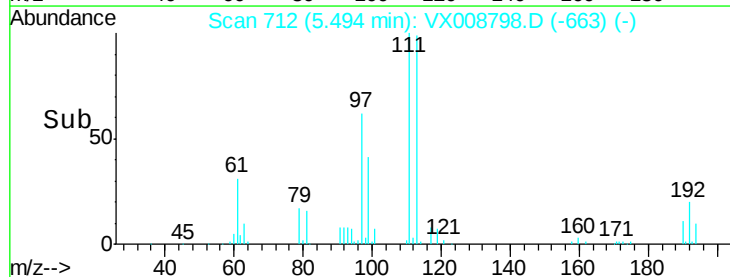
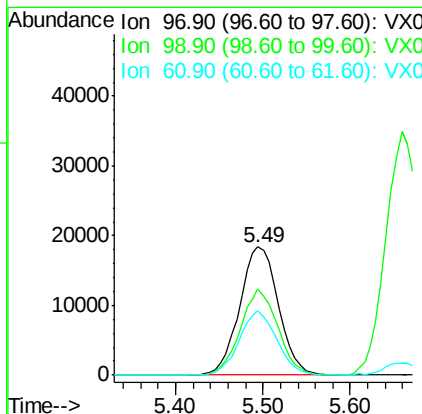
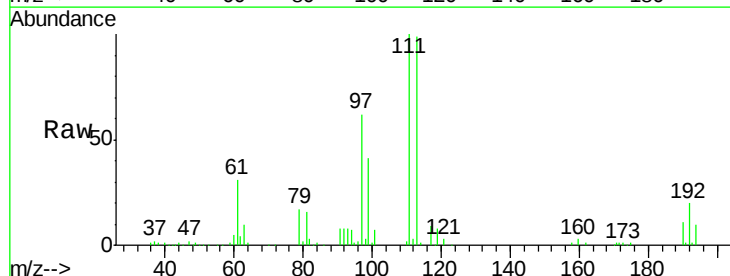
RT: 5.49 min Scan# 712

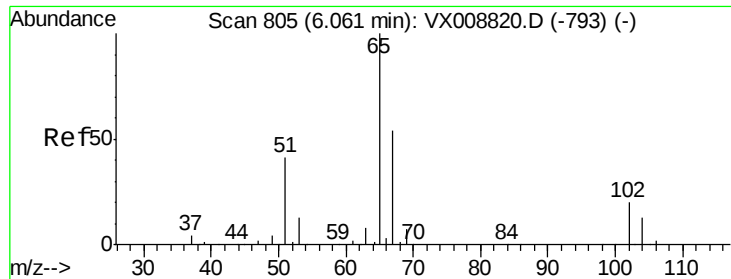
Delta R.T. -0.00 min

Lab File: VX008798.D

Acq: 10 Apr 2019 12:26

Tgt Ion:	97	Resp:	56841
Ion Ratio	Lower	Upper	
97	100		
99	64.3	51.3	76.9
61	48.9	38.9	58.3





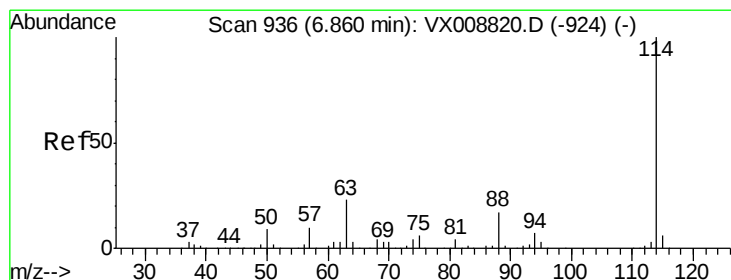
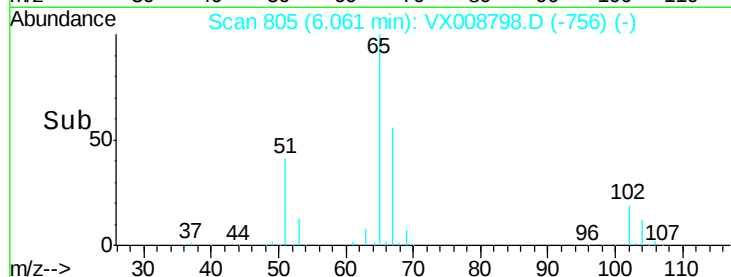
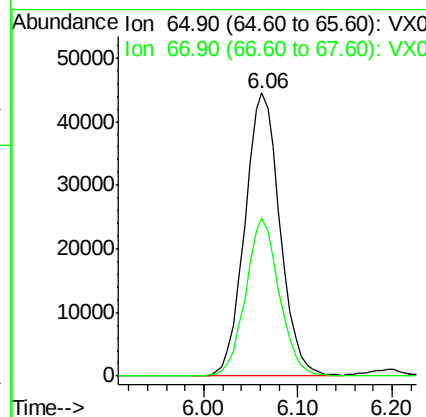
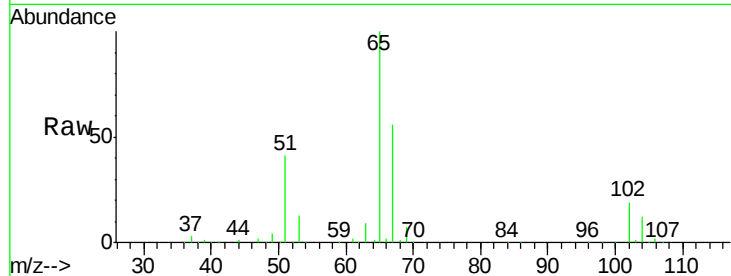
#33
 1,2-Dichloroethane-d4
 Concen: 46.223 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008798.D
 Acq: 10 Apr 2019 12:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	115979		
67	53.8	0.0	107.2	

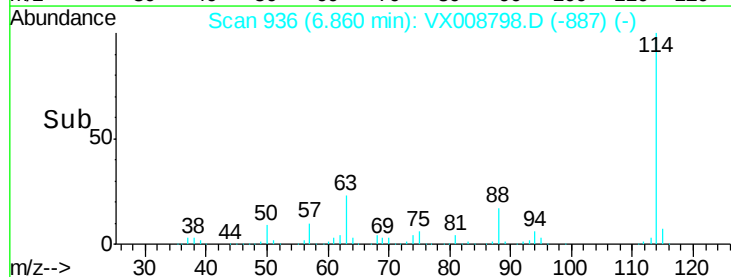
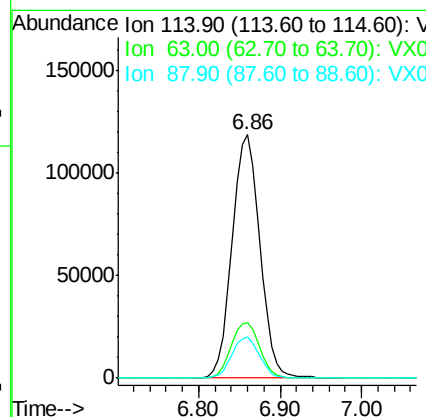
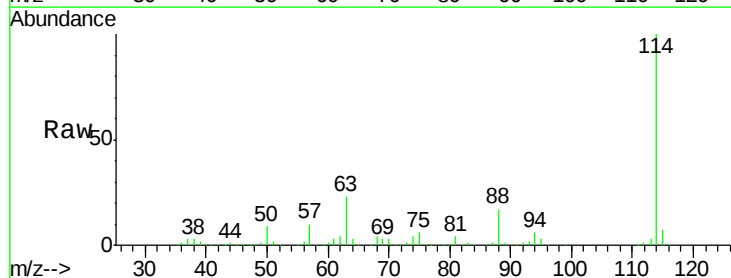
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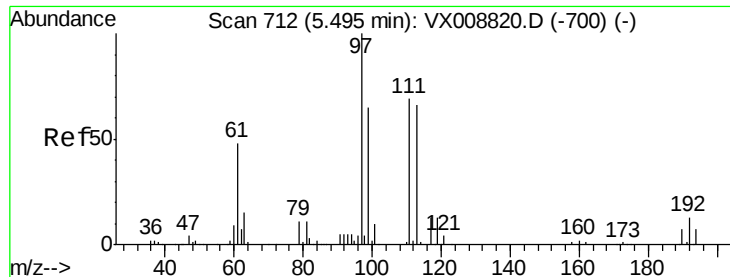
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008798.D
 Acq: 10 Apr 2019 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	279842		
63	23.0	0.0	47.2	
88	17.1	0.0	34.0	





#35

Dibromofluoromethane

Concen: 47.624 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008798.D

Acq: 10 Apr 2019 12:26

Instrument :

MSVOA_X

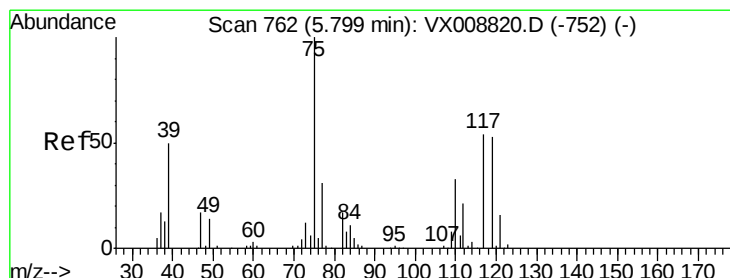
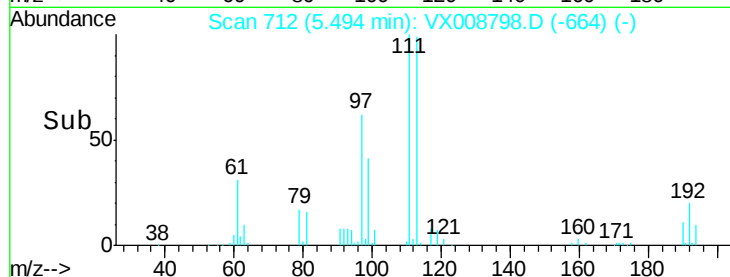
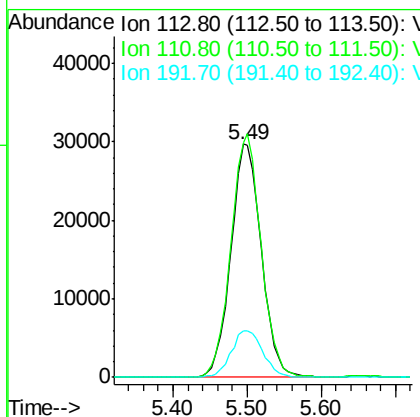
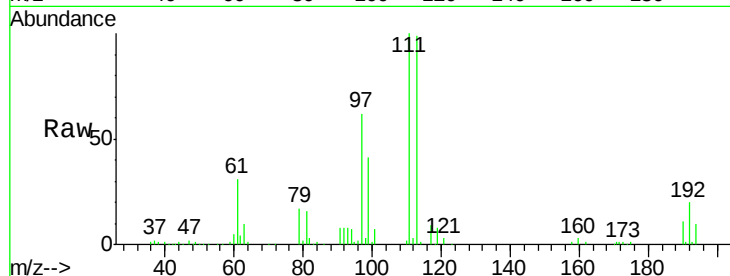
ClientSampleId :

VX0410WBS01

Tot Ion:	113	Resp:	85209
Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.4	125.2
192	20.9	16.1	24.1

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#36

1,1-Dichloropropene

Concen: 17.370 ug/l

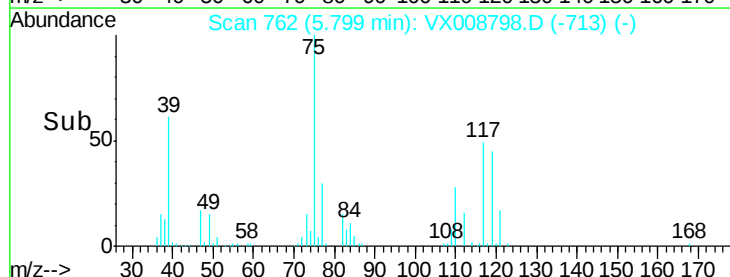
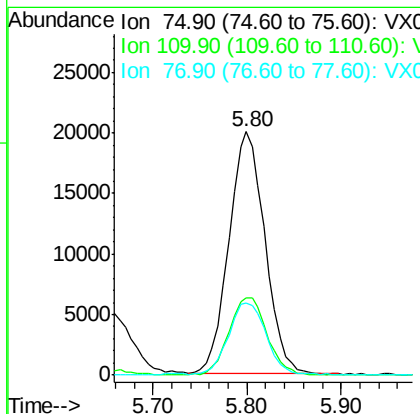
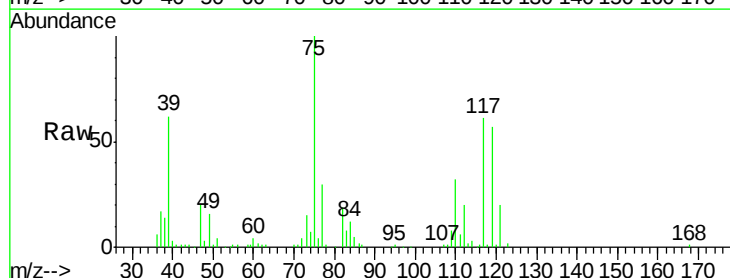
RT: 5.80 min Scan# 762

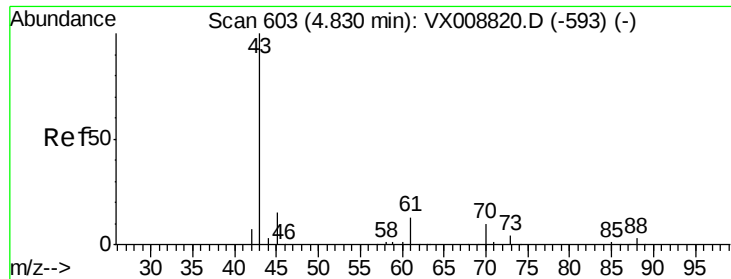
Delta R.T. -0.00 min

Lab File: VX008798.D

Acq: 10 Apr 2019 12:26

Tgt Ion:	75	Resp:	53135
Ion	Ratio	Lower	Upper
75	100		
110	34.0	16.4	49.2
77	31.6	24.7	37.1





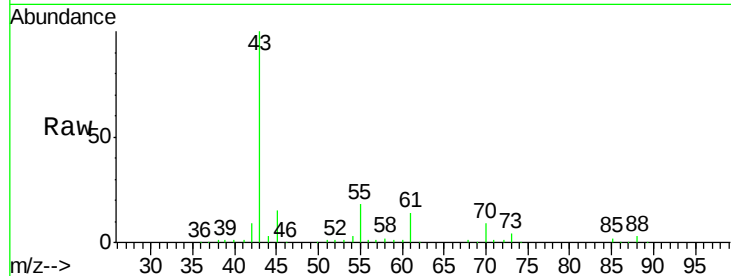
#37
Ethyl Acetate
Concen: 19.321 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX008798.D
Acq: 10 Apr 2019 12:26

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS01

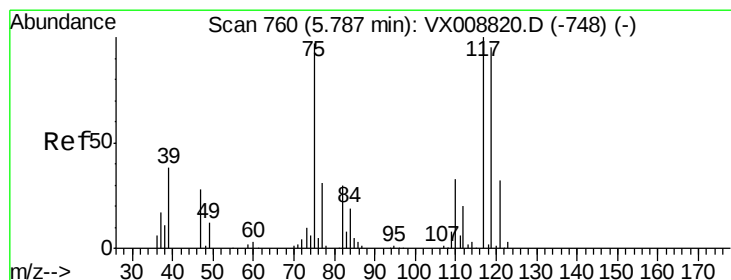
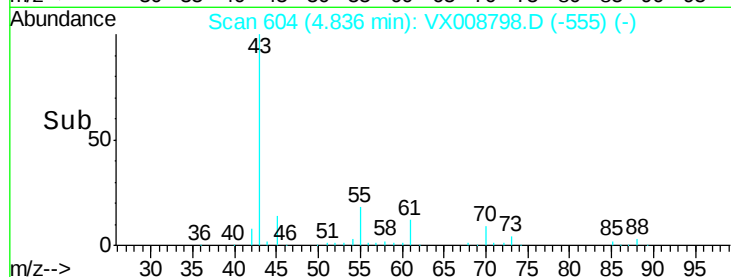
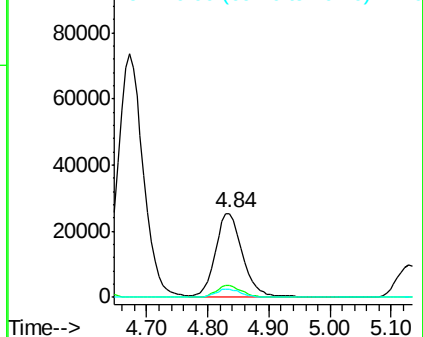
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.3	15.5
70	9.4	7.6	11.4

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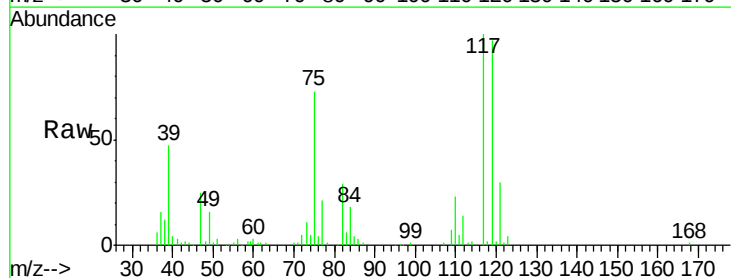


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

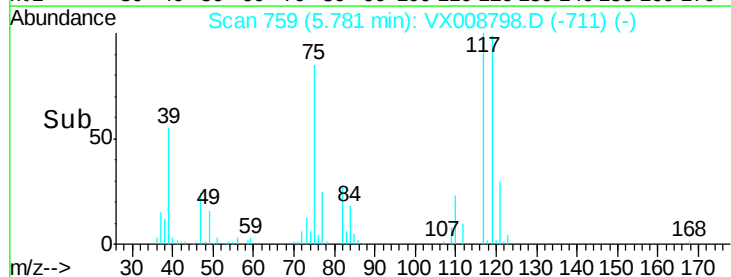
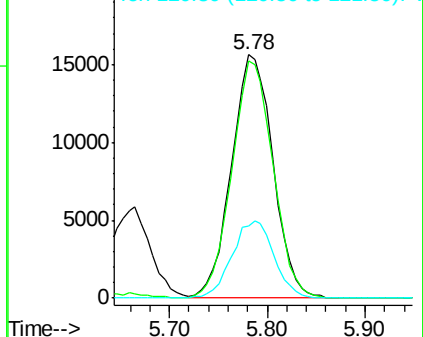


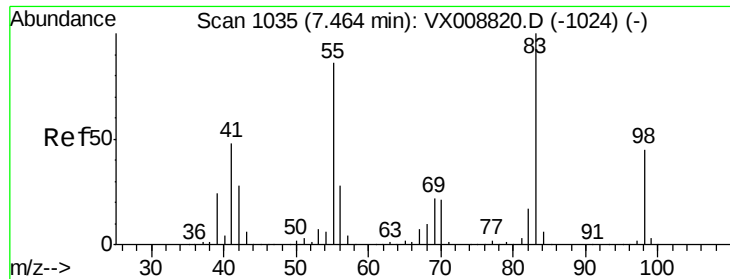
#38
Carbon Tetrachloride
Concen: 18.211 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008798.D
Acq: 10 Apr 2019 12:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	75.0	112.6
121	29.8	24.3	36.5



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





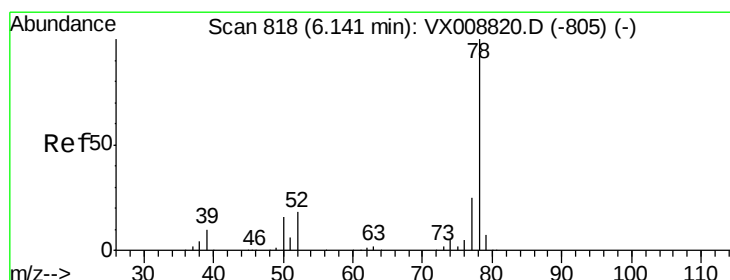
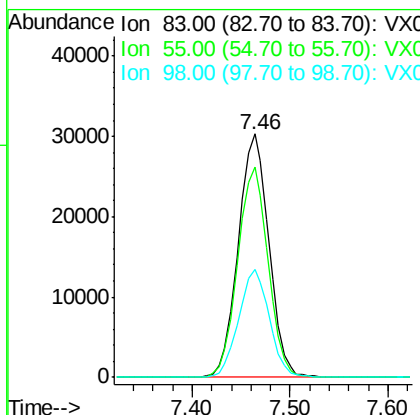
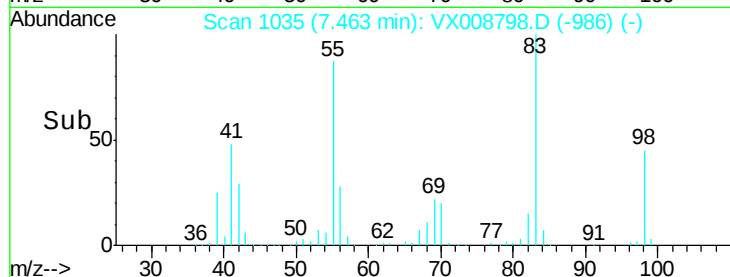
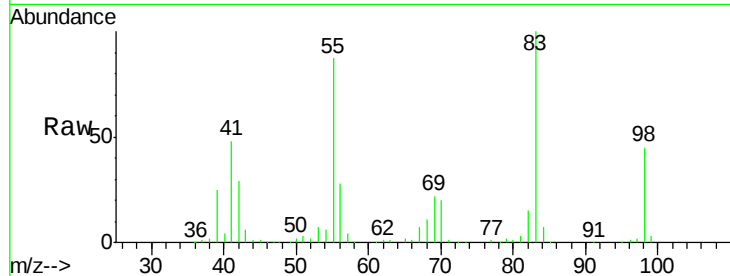
#39
Methvlcvclohexane
Concen: 17.421 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008798.D
Acq: 10 Apr 2019 12:26

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS01

Tot Ion	83	Resp	65830
Ion Ratio	Lower	Upper	
83	100		
55	86.5	69.0	103.6
98	44.5	34.4	51.6

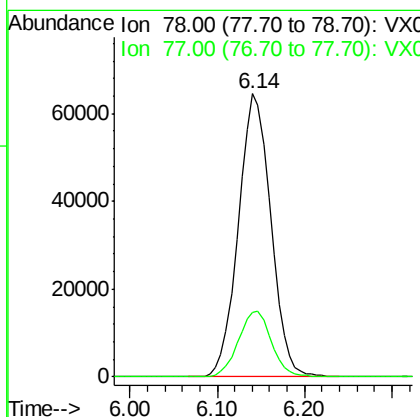
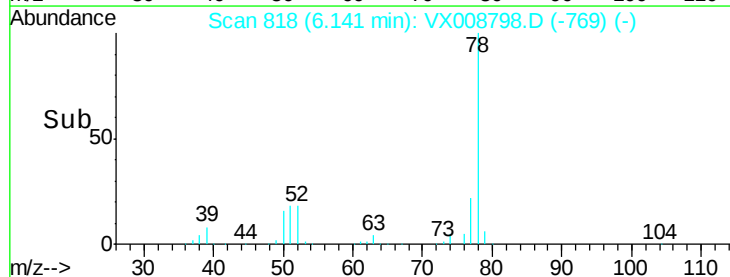
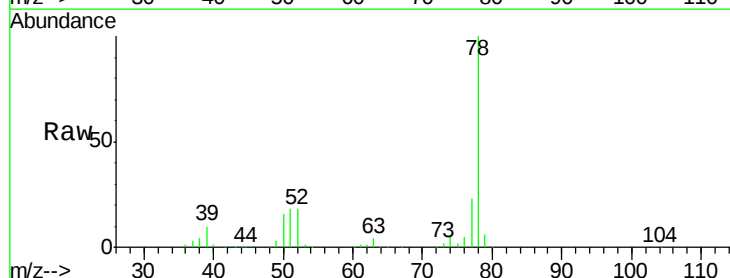
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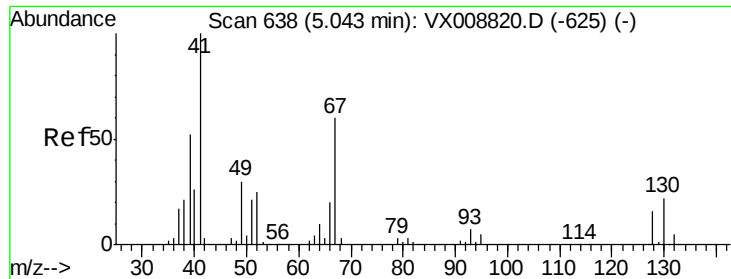
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#40
Benzene
Concen: 18.312 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008798.D
Acq: 10 Apr 2019 12:26

Tgt Ion	78	Resp	166879
Ion Ratio	Lower	Upper	
78	100		
77	22.7	19.1	28.7





#41

Methacrylonitrile

Concen: 18.973 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX008798.D

Acq: 10 Apr 2019 12:26

Instrument :

MSVOA_X

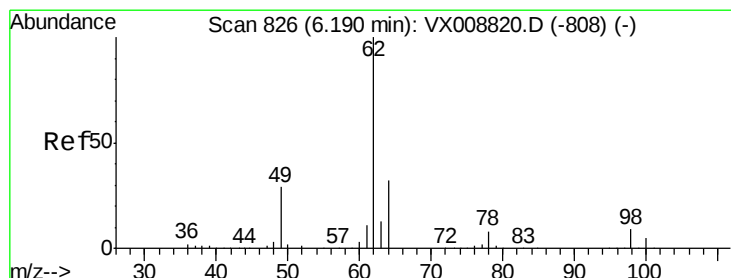
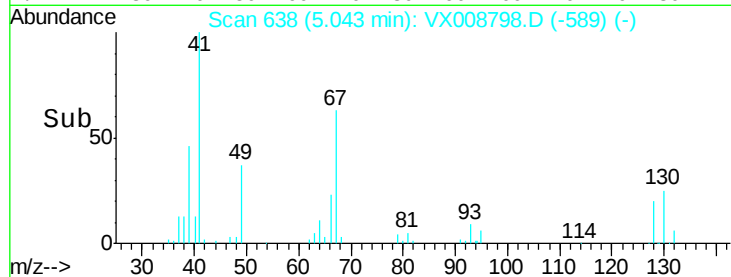
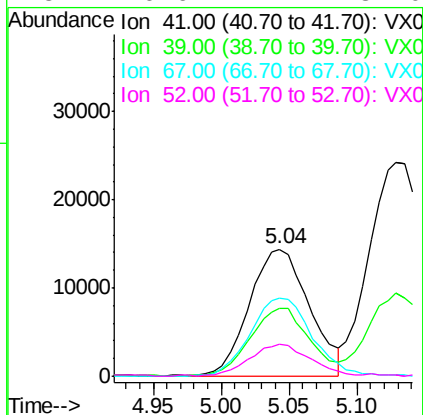
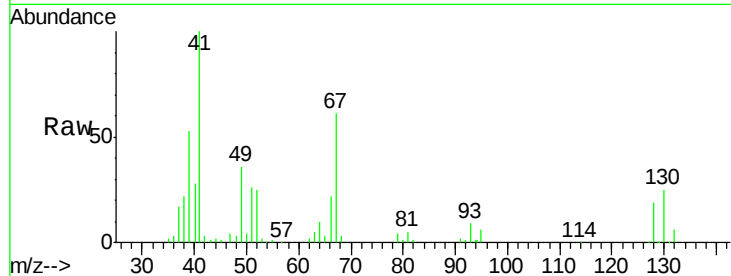
ClientSampleId :

VX0410WBS01

Tot Ion:	41	Resp:	44530
Ion	Ratio	Lower	Upper
41	100		
39	53.1	42.1	63.1
67	63.4	51.0	76.6
52	26.6	21.4	32.0

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#42

1,2-Dichloroethane

Concen: 18.549 ug/l

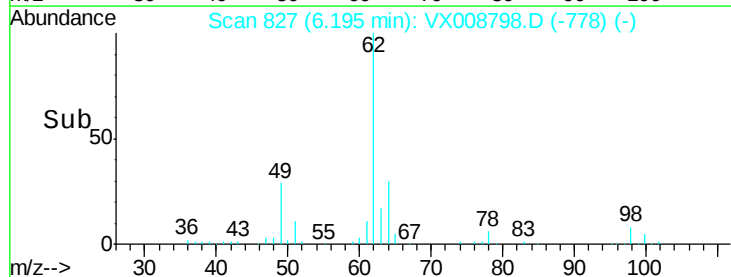
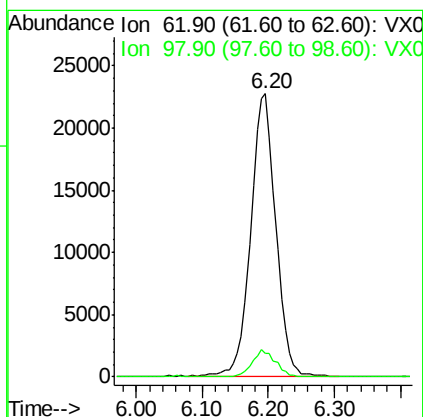
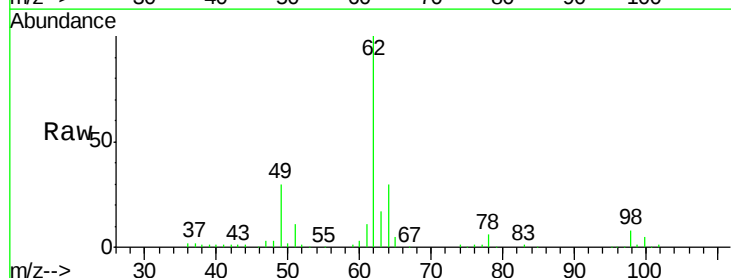
RT: 6.20 min Scan# 827

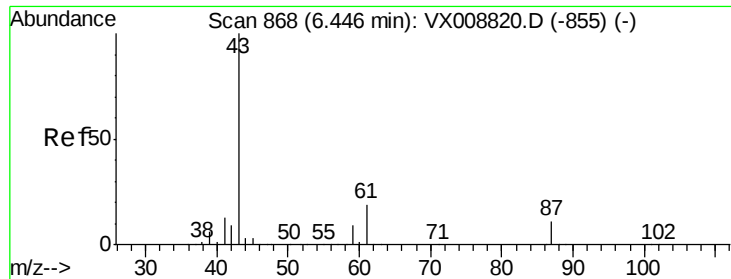
Delta R.T. -0.00 min

Lab File: VX008798.D

Acq: 10 Apr 2019 12:26

Tgt Ion:	62	Resp:	60600
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.0





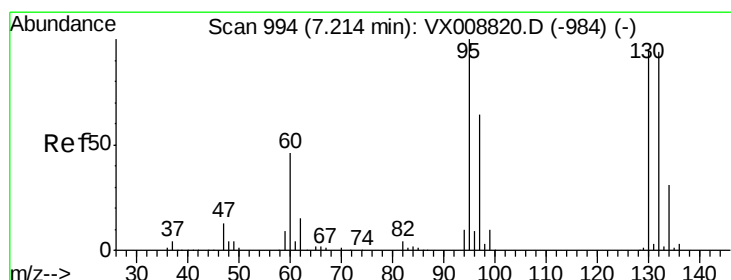
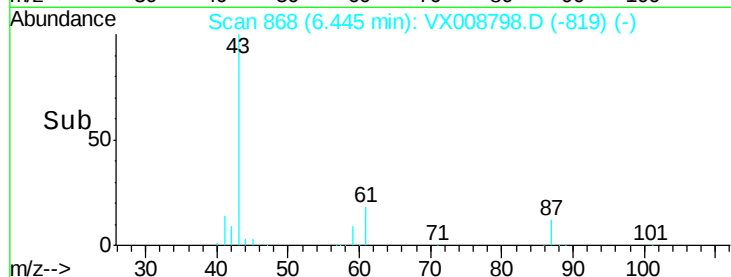
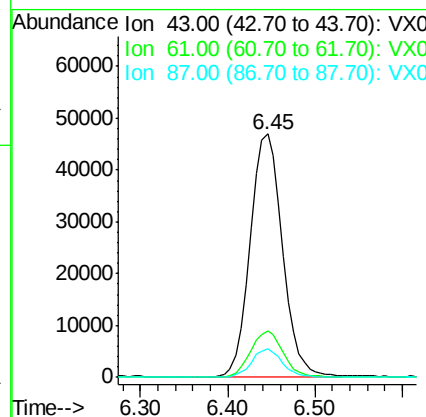
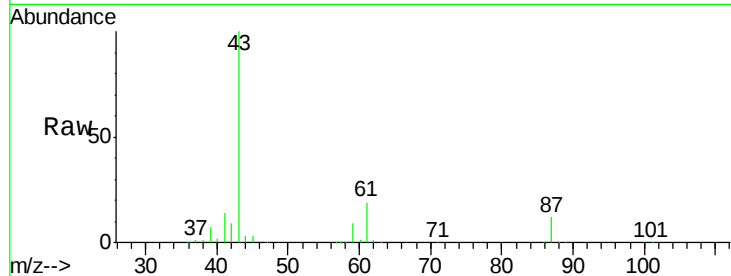
#43
Isopropyl Acetate
Concen: 18.934 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX008798.D
Acq: 10 Apr 2019 12:26

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.3	22.9
87	11.1	9.0	13.6

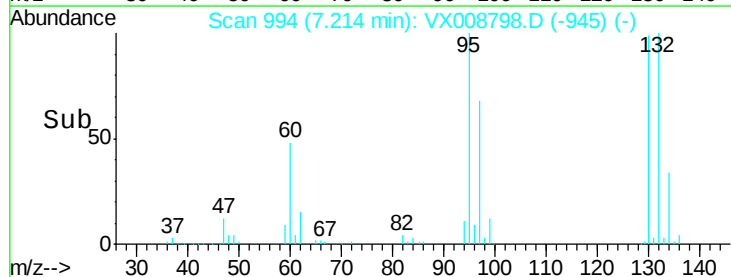
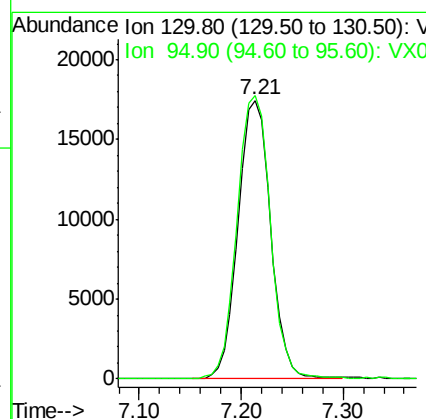
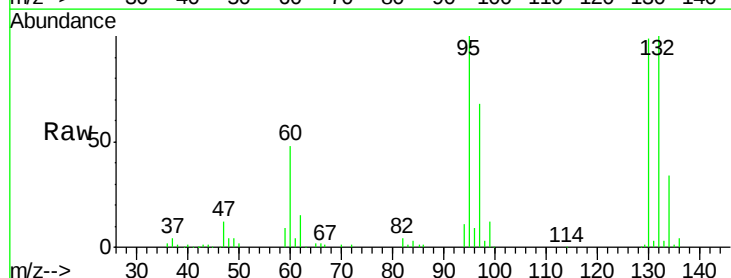
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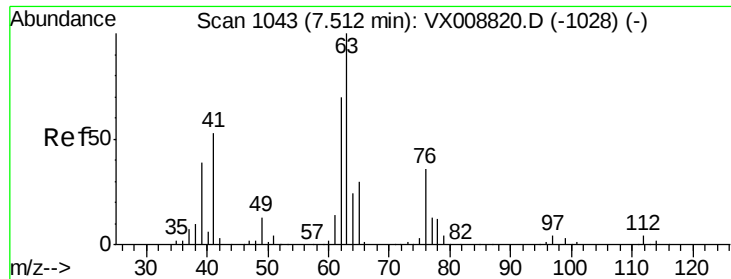
MMDadoda
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#44
Trichloroethene
Concen: 18.236 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX008798.D
Acq: 10 Apr 2019 12:26

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.5	0.0	209.8





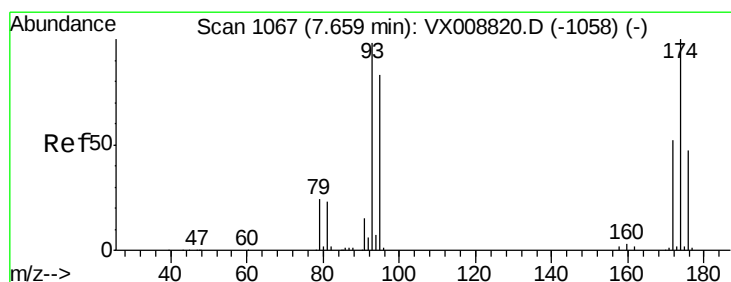
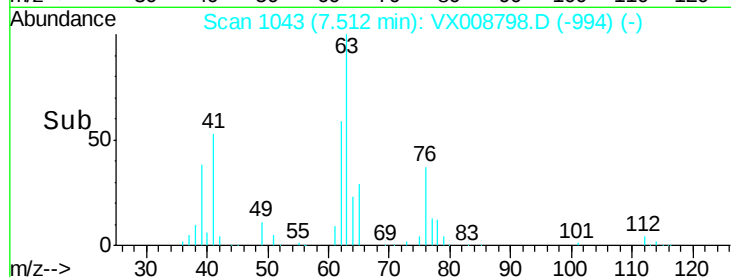
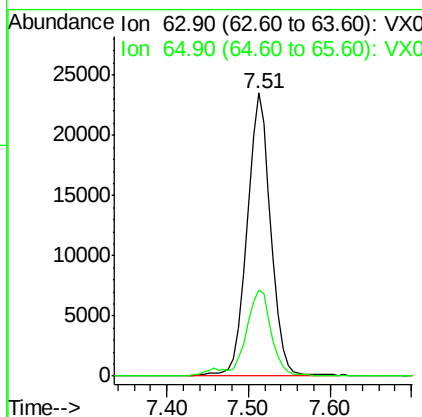
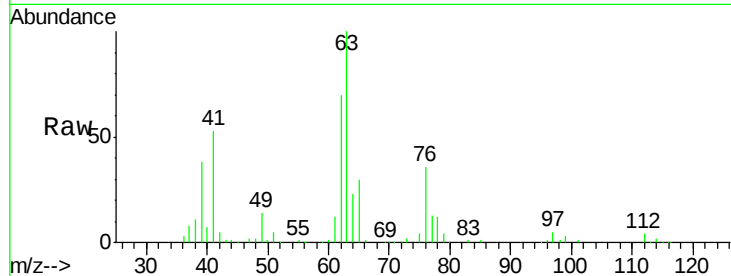
#45
 1,2-Dichloropropane
 Concen: 18.323 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008798.D
 Acq: 10 Apr 2019 12:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBS01

Tot Ion: 63 Resp: 47659
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.2 36.4

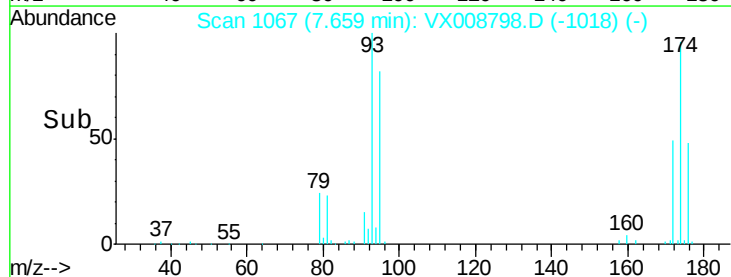
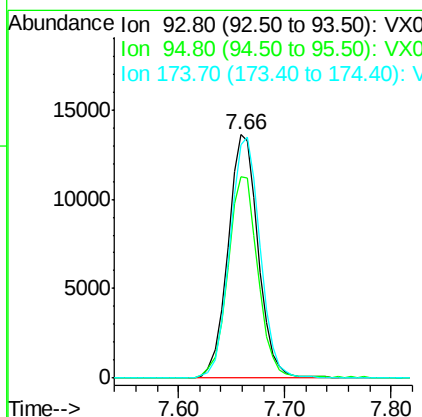
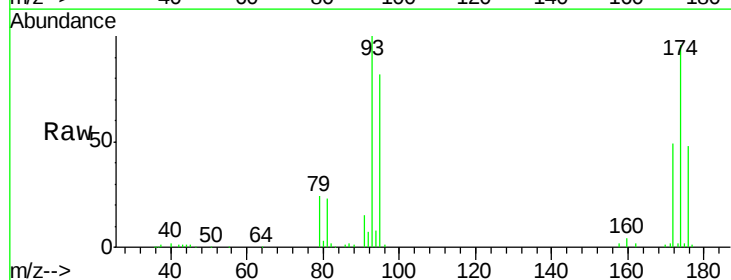
Manual Integrations
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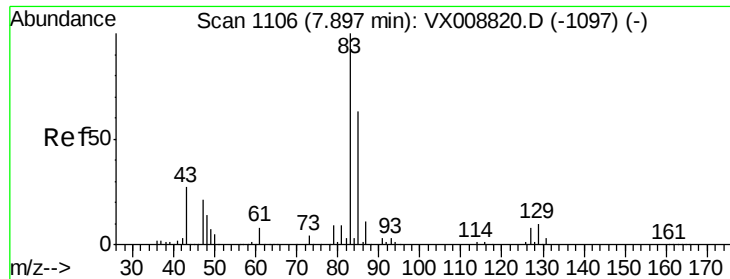
MMDadoda
 4/11/2019 11:48:24 AM



#46
 Dibromomethane
 Concen: 17.896 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008798.D
 Acq: 10 Apr 2019 12:26

Tgt Ion: 93 Resp: 26998
 Ion Ratio Lower Upper
 93 100
 95 82.2 66.6 99.8
 174 99.6 77.7 116.5





#47

Bromodichloromethane

Concen: 18.496 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008798.D

Acq: 10 Apr 2019 12:26

Instrument :

MSVOA_X

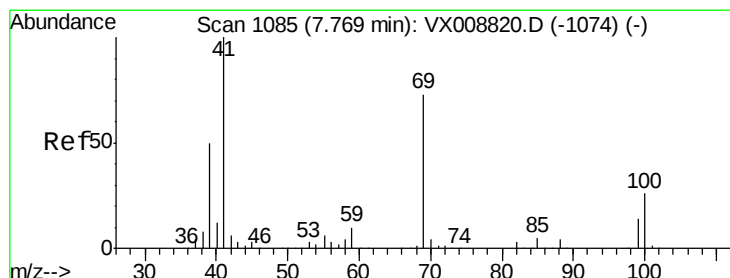
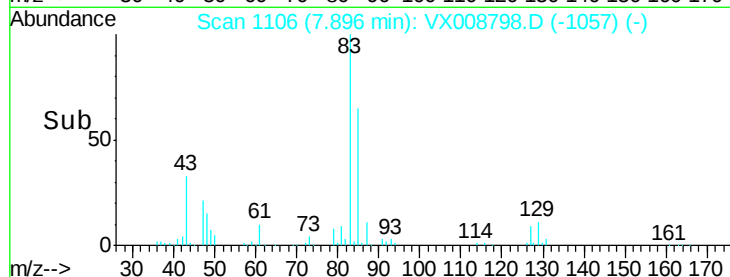
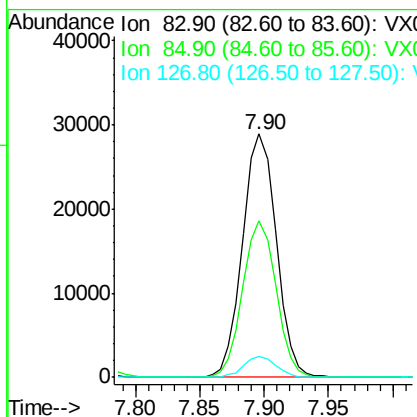
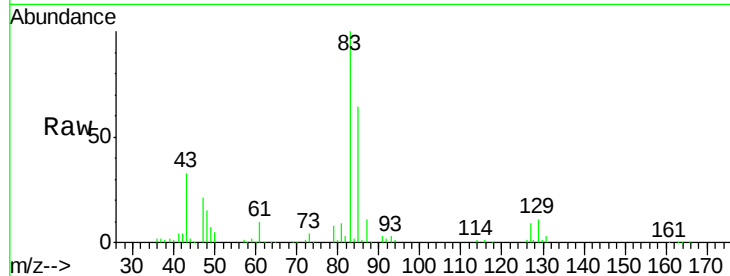
ClientSampleId :

VX0410WBS01

Tot Ion:	83	Resp:	52610
Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.2	76.8
127	8.6	6.6	10.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.759 ug/l

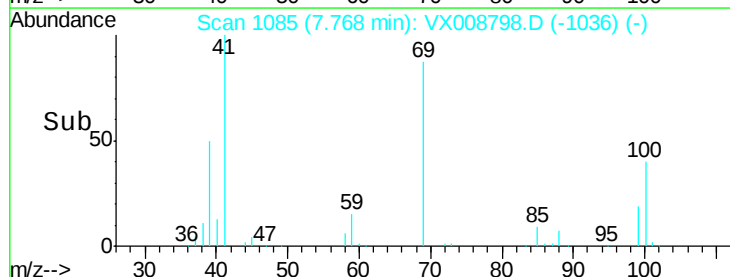
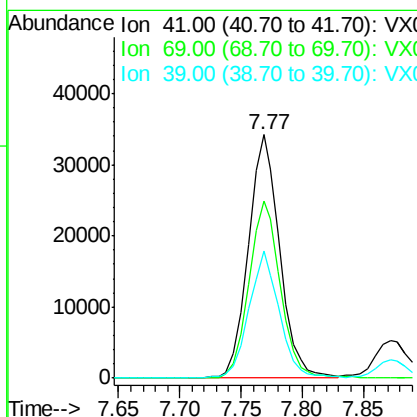
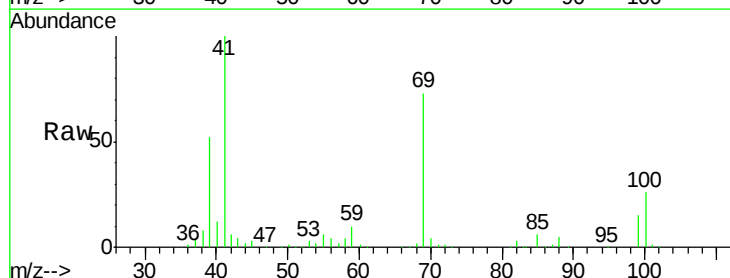
RT: 7.77 min Scan# 1085

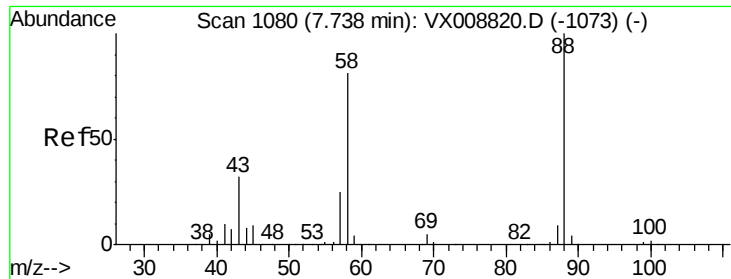
Delta R.T. -0.00 min

Lab File: VX008798.D

Acq: 10 Apr 2019 12:26

Tgt Ion:	41	Resp:	60695
Ion	Ratio	Lower	Upper
41	100		
69	73.2	59.0	88.4
39	51.1	41.0	61.4





#49

1,4-Dioxane

Concen: 386.011 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX008798.D

Acq: 10 Apr 2019 12:26

Instrument :

MSVOA_X

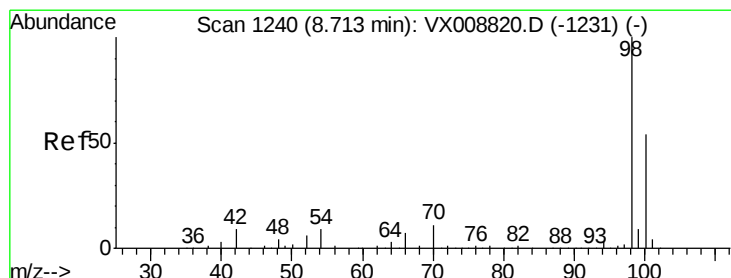
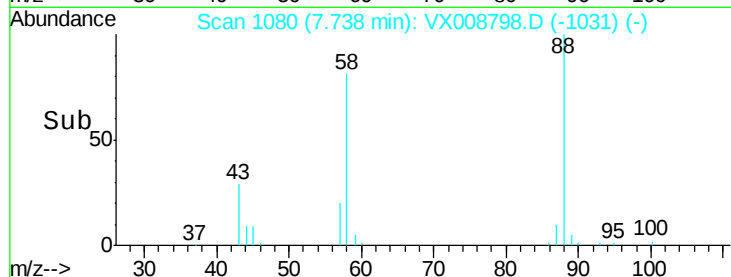
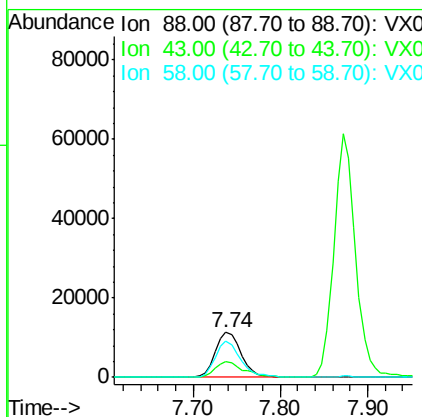
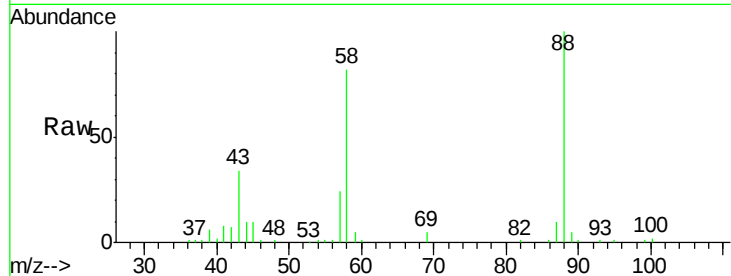
ClientSampleId :

VX0410WBS01

Tot Ion:	88	Resp:	23396
Ion	Ratio	Lower	Upper
88	100		
43	39.2	28.6	43.0
58	78.9	62.2	93.2

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#50

Toluene-d8

Concen: 48.927 ug/l

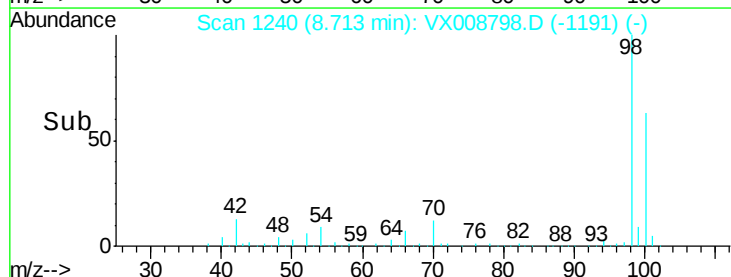
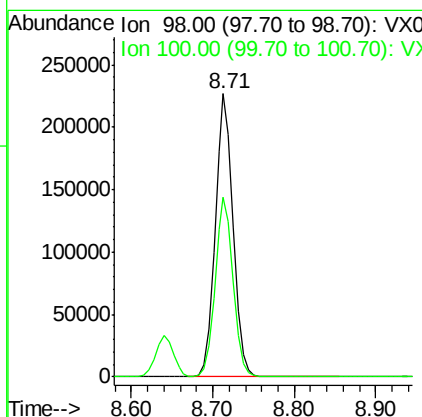
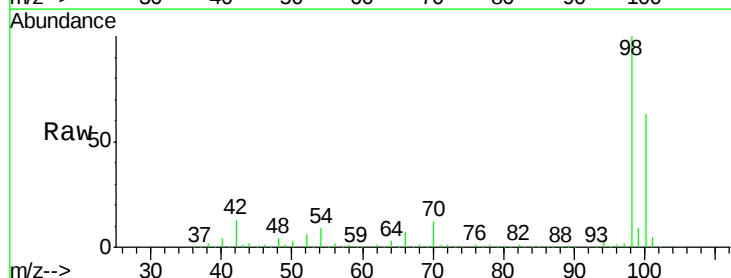
RT: 8.71 min Scan# 1240

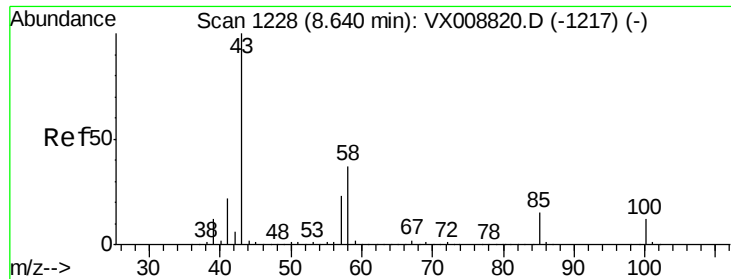
Delta R.T. -0.00 min

Lab File: VX008798.D

Acq: 10 Apr 2019 12:26

Tgt Ion:	98	Resp:	348563
Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.4	77.0





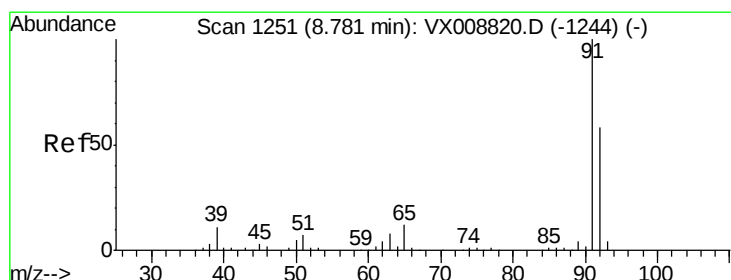
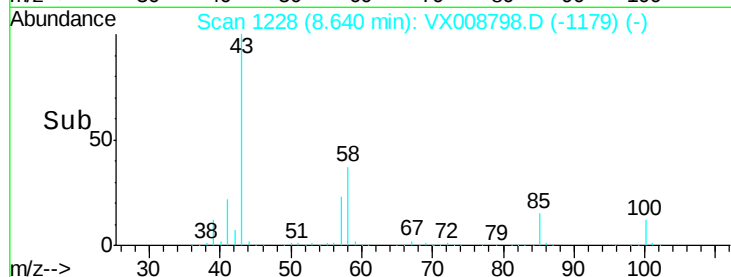
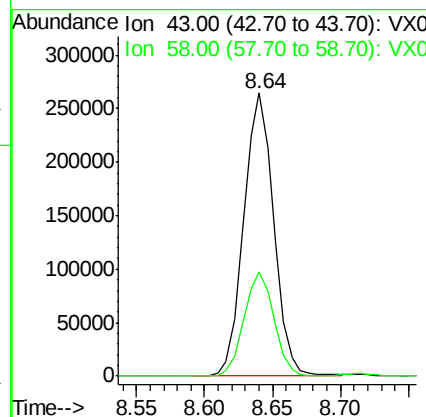
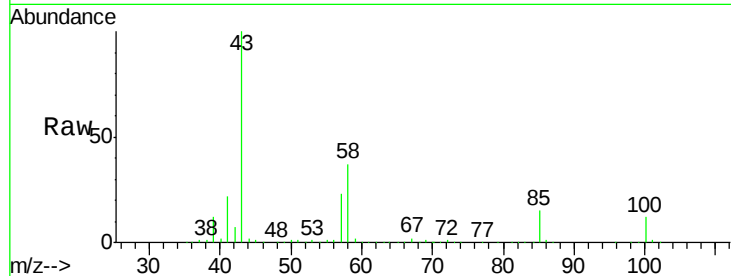
#51
4-Methyl-2-Pentanone
Concen: 98.864 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008798.D
Acq: 10 Apr 2019 12:26

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS01

Tot Ion	43	58	Resp	Lower	Upper
43	100				
58	36.9		29.5	44.3	

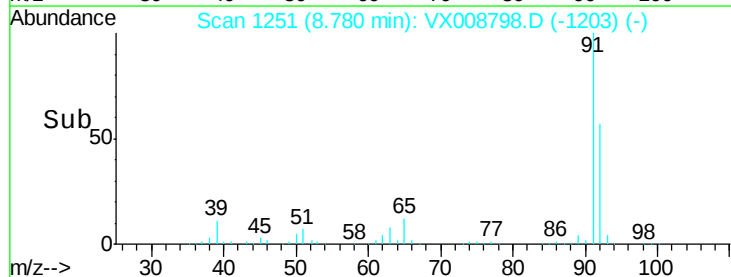
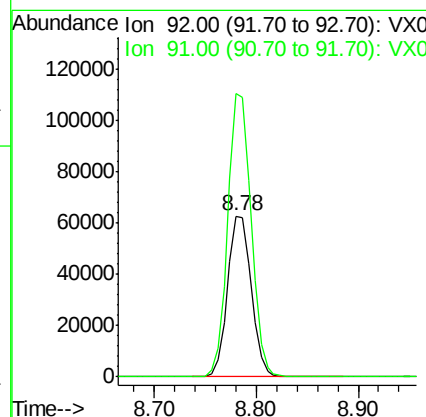
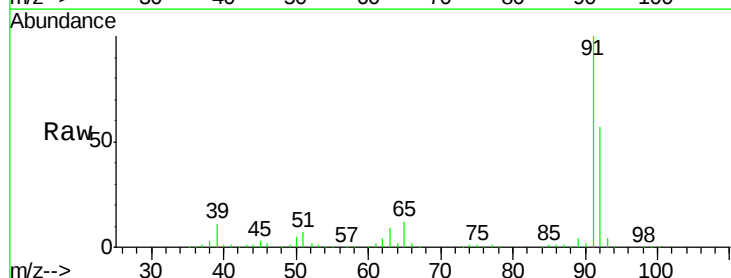
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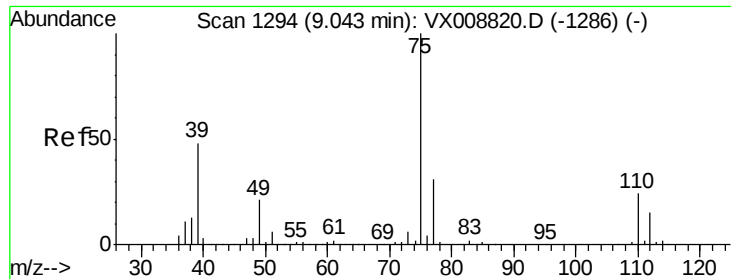
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#52
Toluene
Concen: 18.815 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX008798.D
Acq: 10 Apr 2019 12:26

Tgt Ion	92	91	Resp	Lower	Upper
92	100				
91	173.6		138.5	207.7	





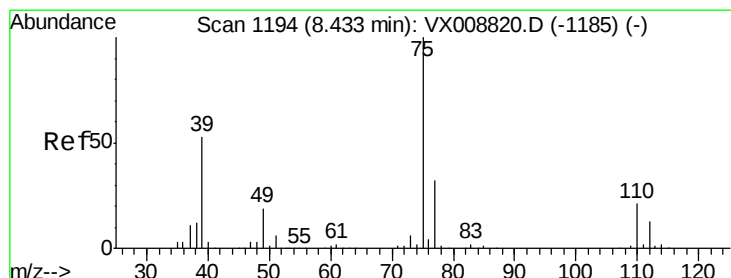
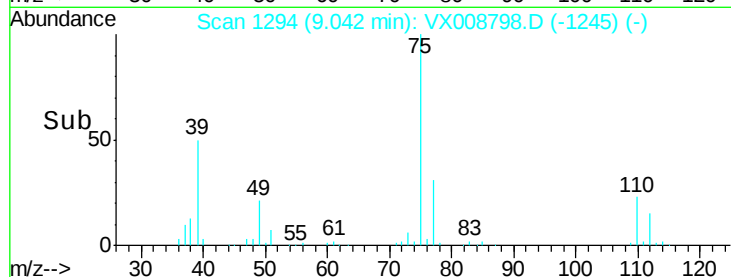
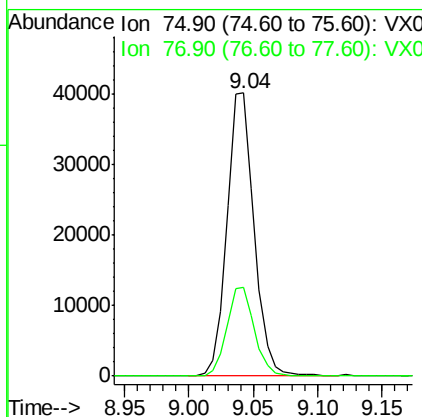
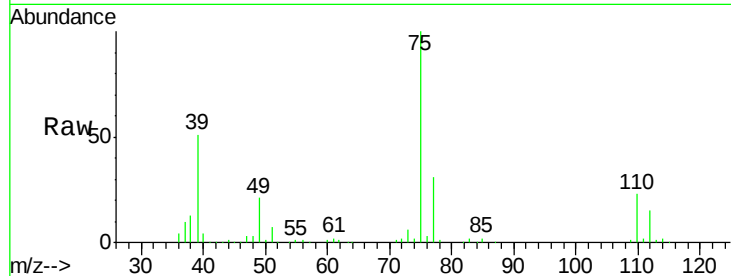
#53
 t-1,3-Dichloropropene
 Concen: 18.674 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX008798.D
 Acq: 10 Apr 2019 12:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBS01

Tot Ion: 75 Resp: 59499
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.2 37.8

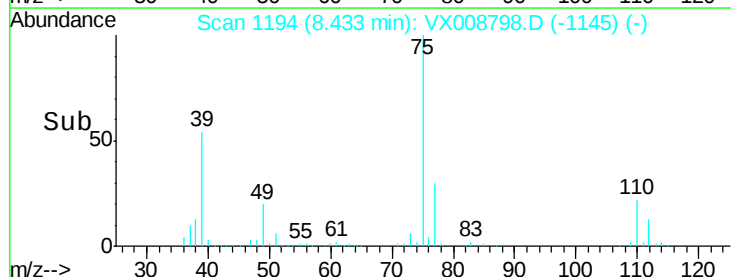
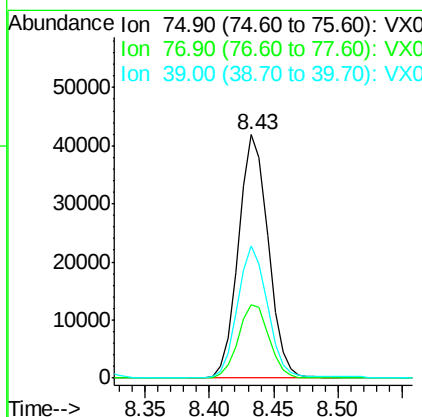
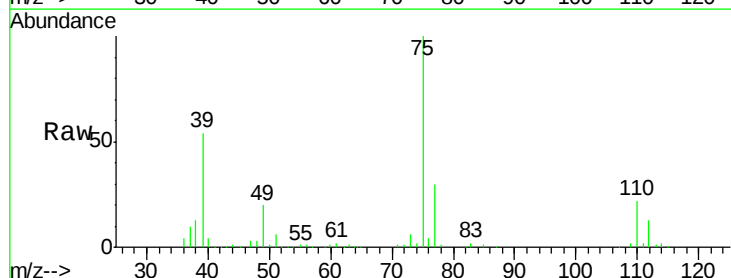
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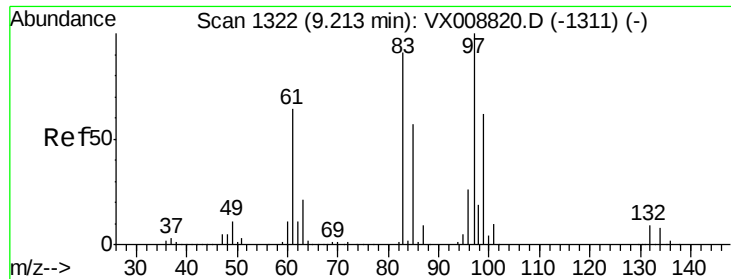
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#54
 cis-1,3-Dichloropropene
 Concen: 18.446 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008798.D
 Acq: 10 Apr 2019 12:26

Tgt Ion: 75 Resp: 67156
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.3 37.9
 39 54.1 42.6 63.8





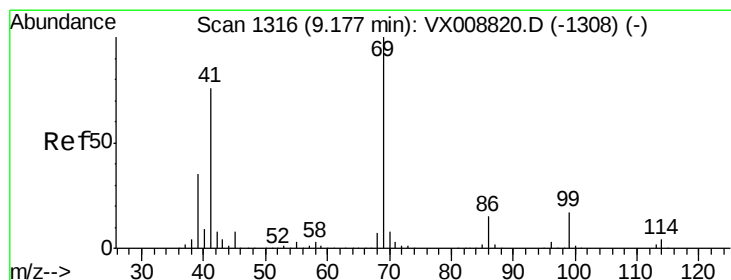
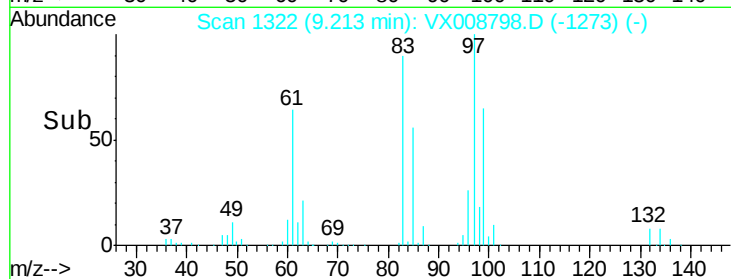
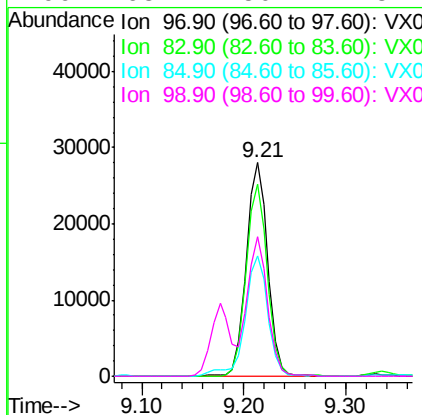
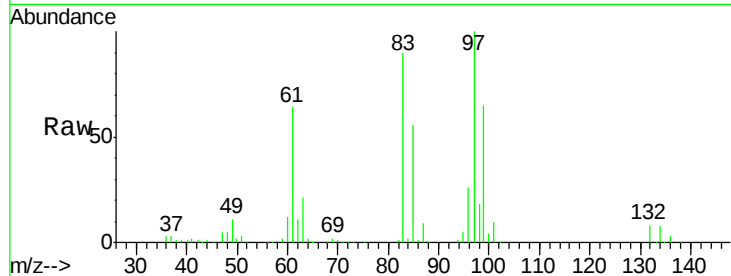
#55
 1,1,2-Trichloroethane
 Concen: 19.060 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008798.D
 Acq: 10 Apr 2019 12:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBS01

Tot Ion:	97	Resp:	41105
Ion	Ratio	Lower	Upper
97	100		
83	89.8	73.2	109.8
85	56.4	46.6	69.8
99	65.1	50.1	75.1

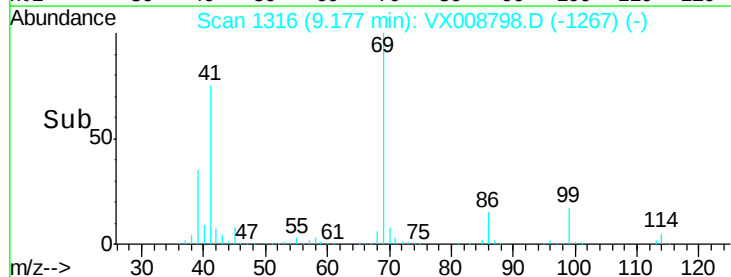
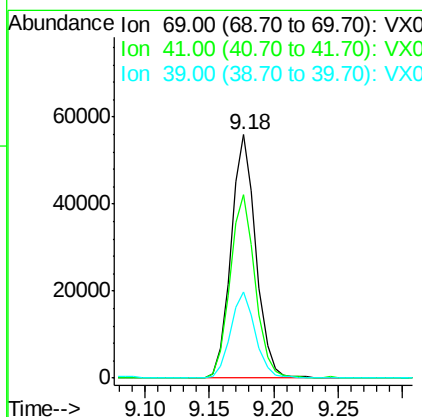
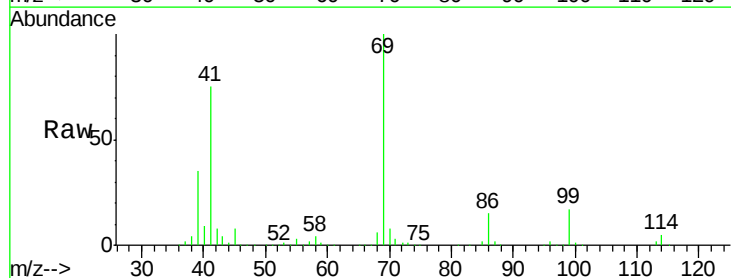
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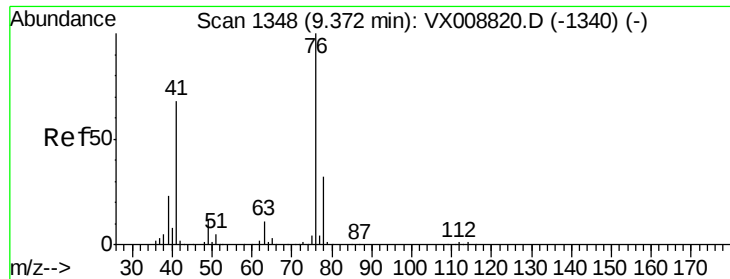
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#56
 Ethyl methacrylate
 Concen: 19.356 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008798.D
 Acq: 10 Apr 2019 12:26

Tgt Ion:	69	Resp:	75525
Ion	Ratio	Lower	Upper
69	100		
41	75.9	60.1	90.1
39	35.1	28.9	43.3





#57

1,3-Dichloropropane

Concen: 18.755 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008798.D

Acq: 10 Apr 2019 12:26

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS01

Tot Ion: 76 Resp: 72630

Ion Ratio Lower Upper

76 100

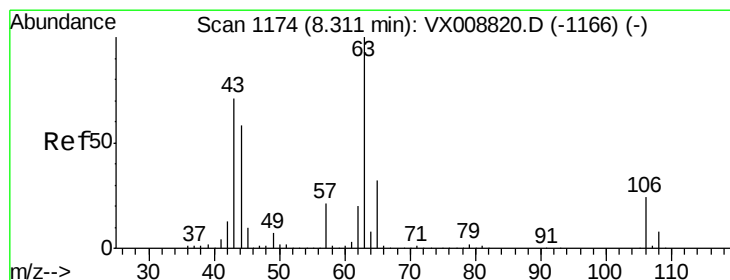
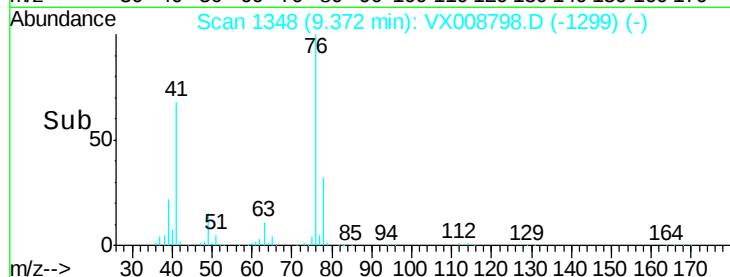
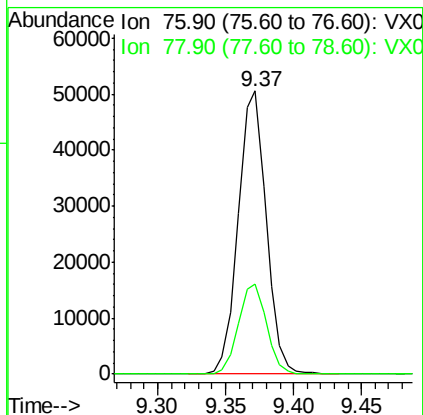
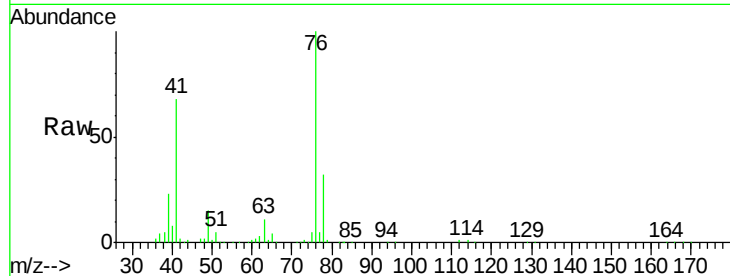
78 32.0 25.6 38.4

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#58

2-Chloroethyl Vinyl ether

Concen: 95.995 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008798.D

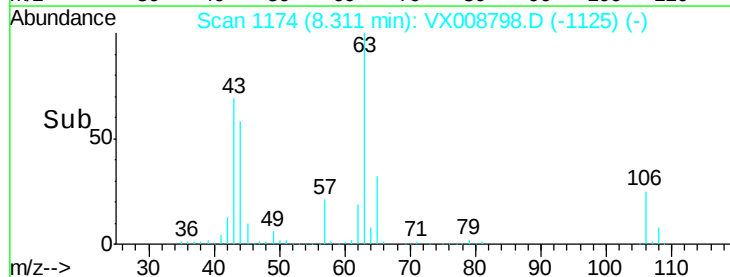
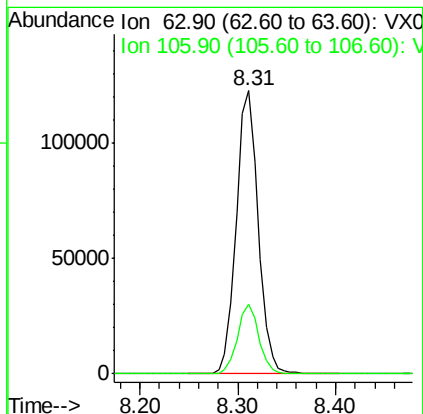
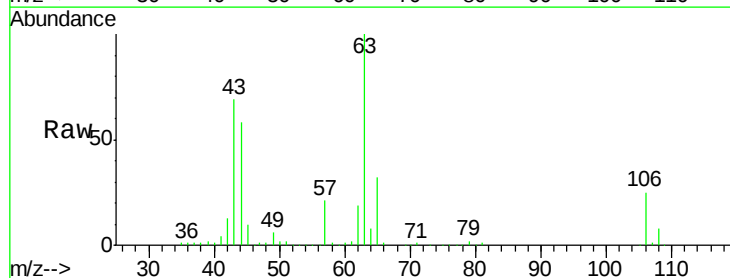
Acq: 10 Apr 2019 12:26

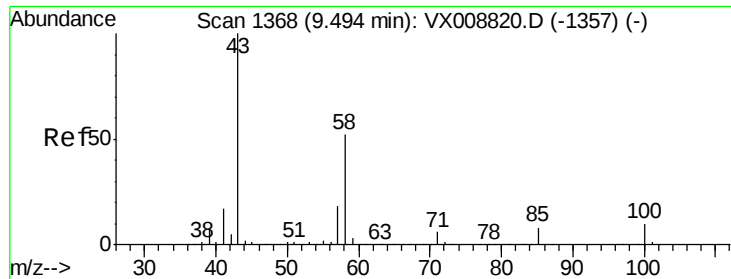
Tgt Ion: 63 Resp: 191262

Ion Ratio Lower Upper

63 100

106 24.1 19.0 28.6





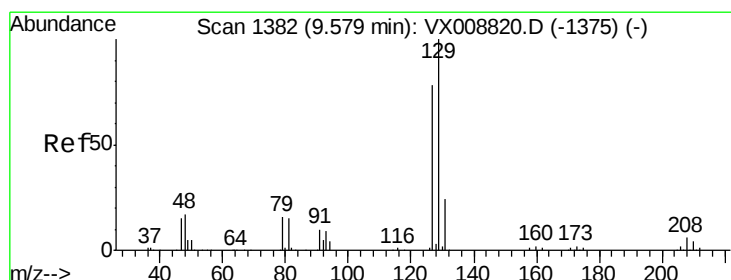
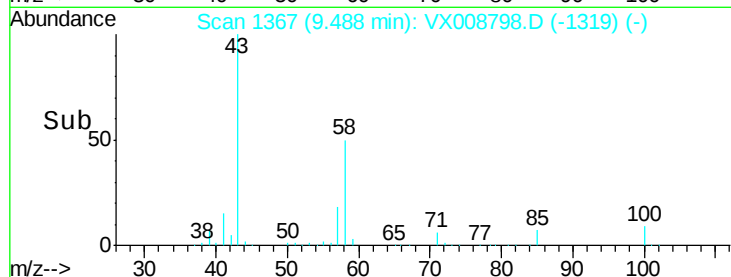
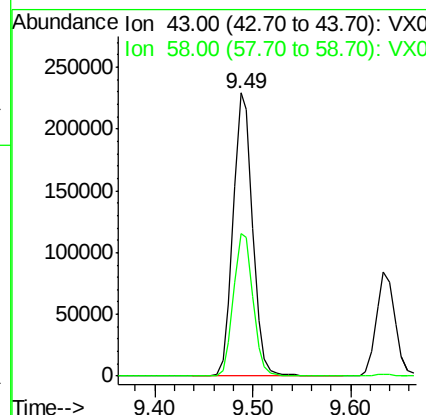
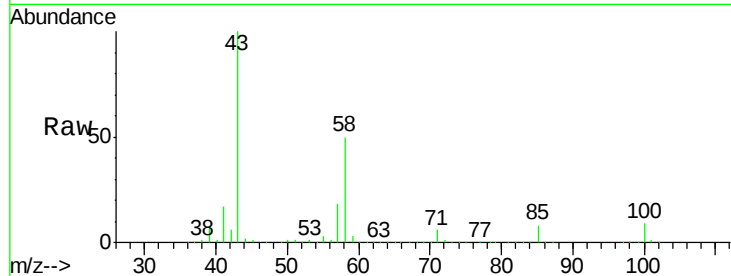
#59
2-Hexanone
Concen: 98.600 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008798.D
Acq: 10 Apr 2019 12:26

Instrument :
MSVOA_X
ClientSampled :
VX0410WBS01

Tot Ion: 43 Resp: 315505
Ion Ratio Lower Upper
43 100
58 50.9 25.9 77.7

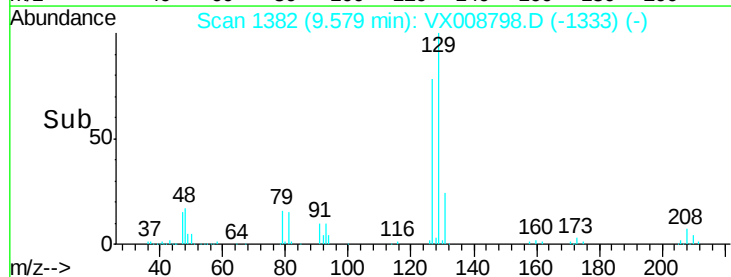
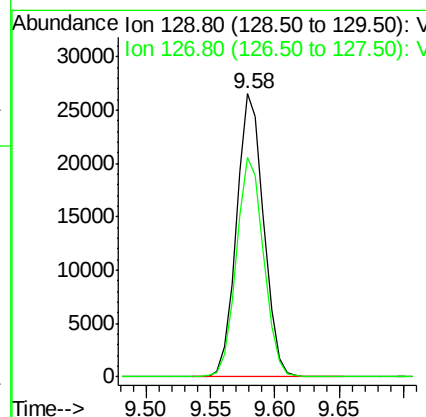
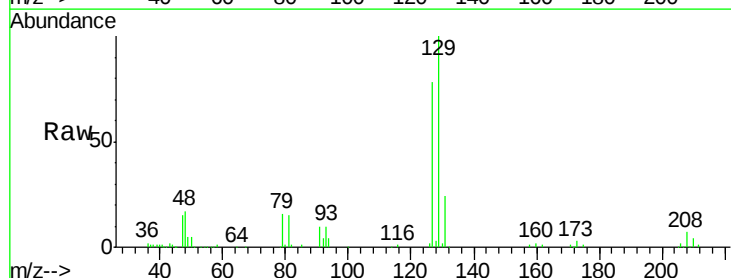
Manual Integrations
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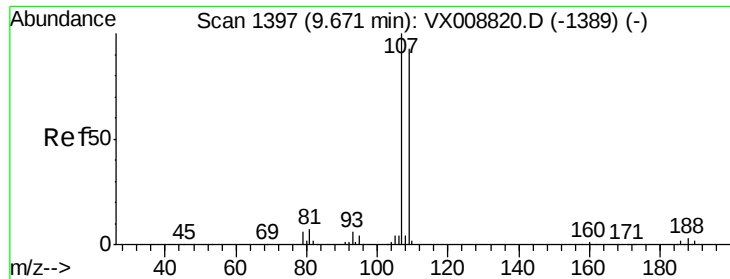
MMDadoda
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#60
Dibromochloromethane
Concen: 19.168 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008798.D
Acq: 10 Apr 2019 12:26

Tgt Ion: 129 Resp: 38953
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.3





#61

1,2-Dibromoethane

Concen: 18.457 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008798.D

Acq: 10 Apr 2019 12:26

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS01

Tot Ion: 107 Resp: 41438

Ion Ratio Lower Upper

107 100

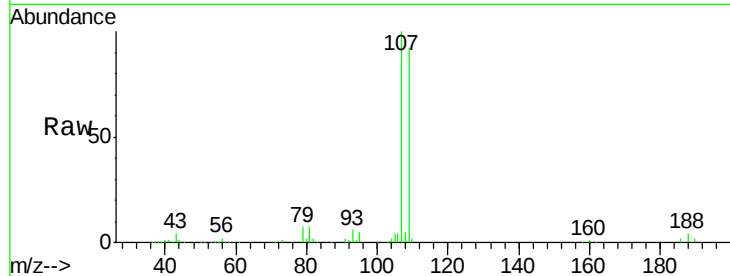
109 94.4 74.1 111.1

Manual Integrations

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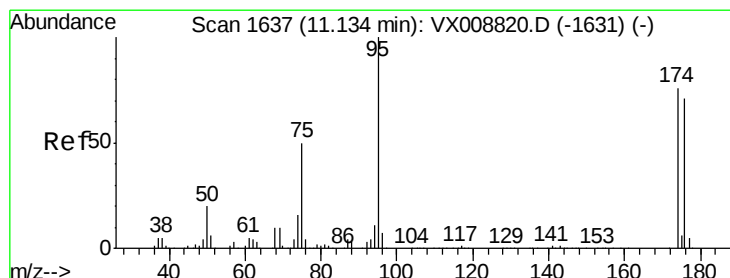
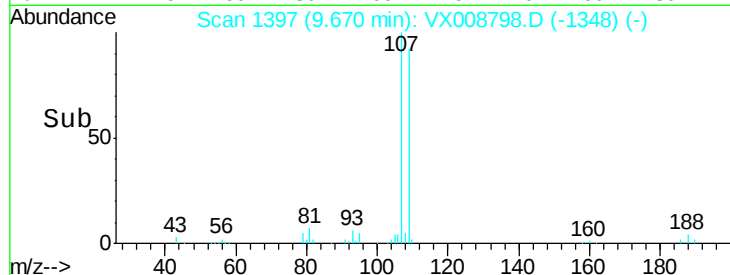
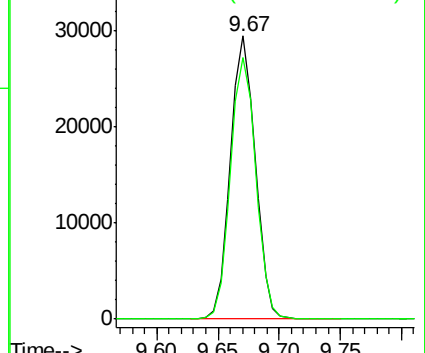
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.983 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008798.D

Acq: 10 Apr 2019 12:26

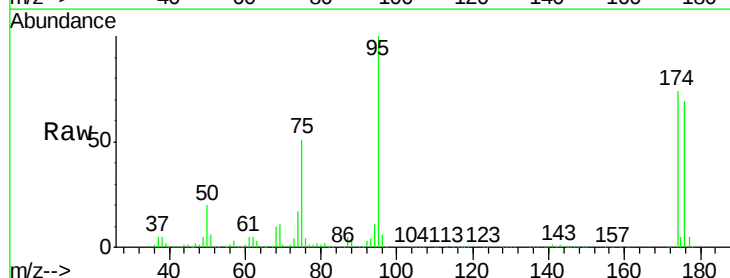
Tgt Ion: 95 Resp: 126273

Ion Ratio Lower Upper

95 100

174 78.1 0.0 151.8

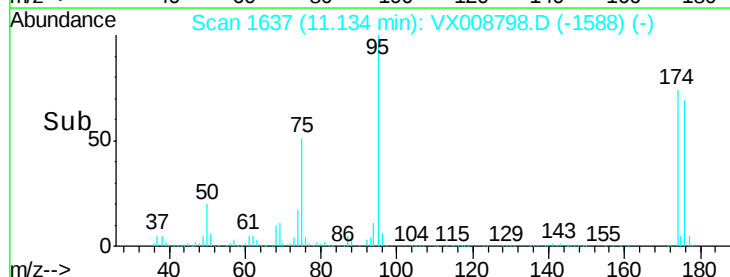
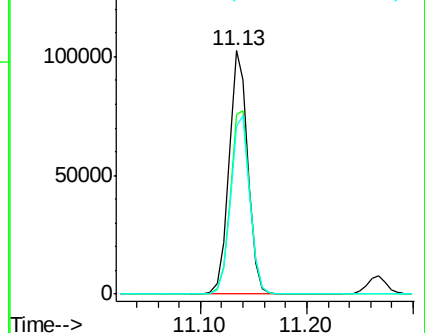
176 75.0 0.0 145.8

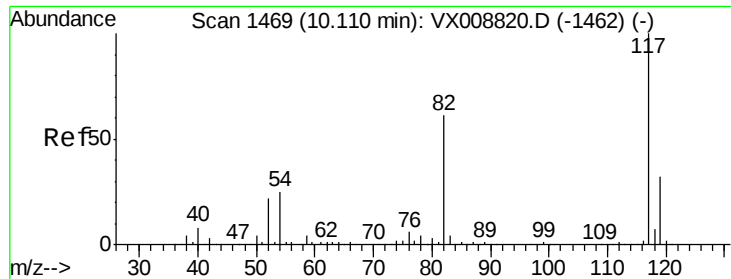


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008798.D

Acq: 10 Apr 2019 12:26

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS01

Tot Ion:117 Resp: 250579

Ion Ratio Lower Upper

117 100

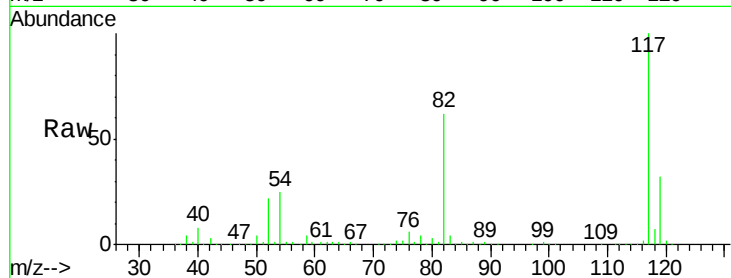
82 62.1 49.6 74.4

119 32.3 25.0 37.4

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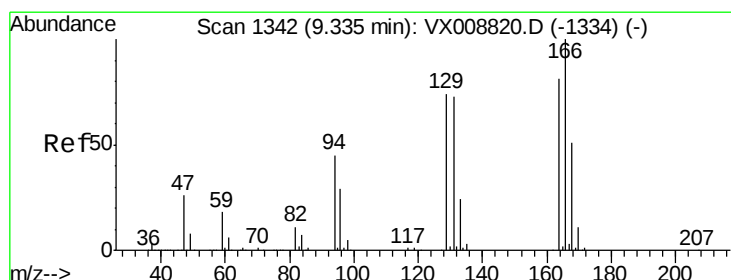
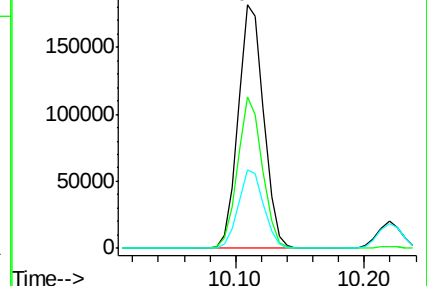
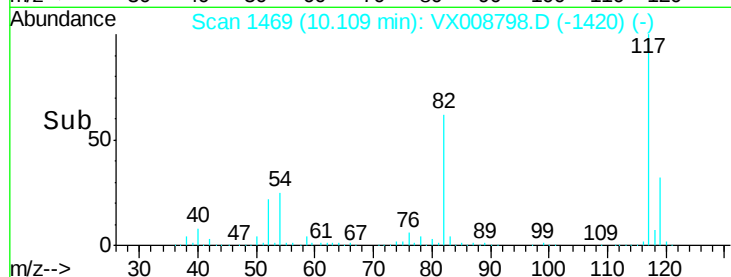
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Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 18.852 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008798.D

Acq: 10 Apr 2019 12:26

Tgt Ion:164 Resp: 34999

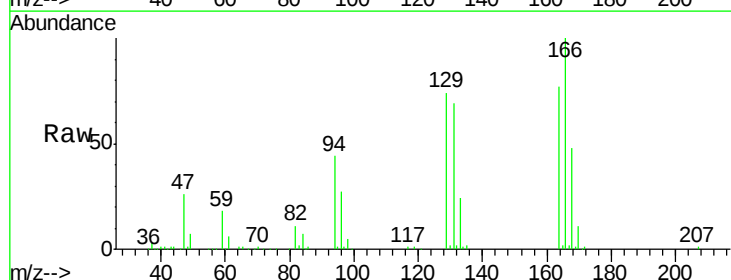
Ion Ratio Lower Upper

164 100

166 130.6 101.0 151.6

129 96.4 75.8 113.8

131 90.5 71.8 107.8

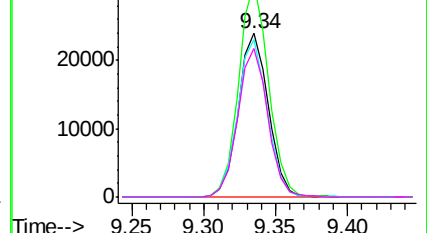
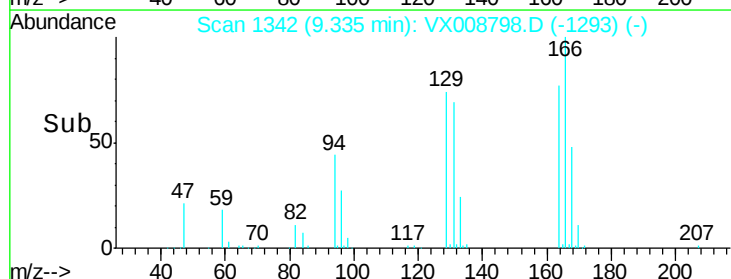


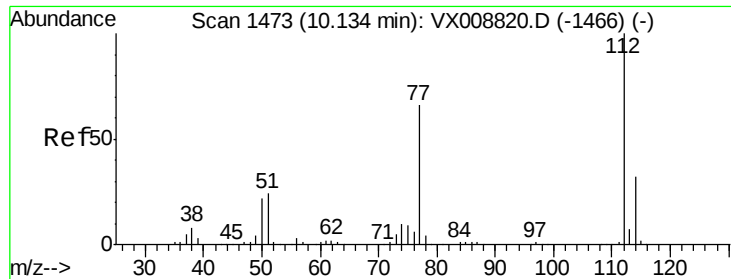
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 18.461 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX008798.D

Acq: 10 Apr 2019 12:26

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS01

Tot Ion:112 Resp: 102540

Ion Ratio Lower Upper

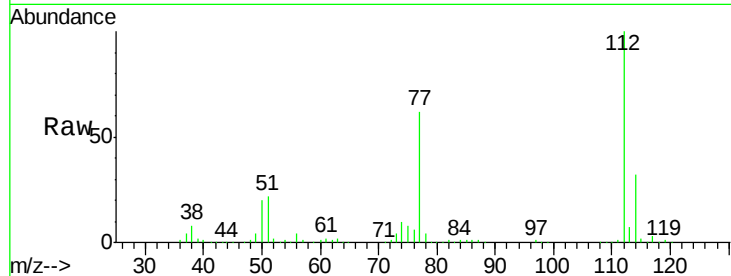
112 100

114 32.0 25.8 38.8

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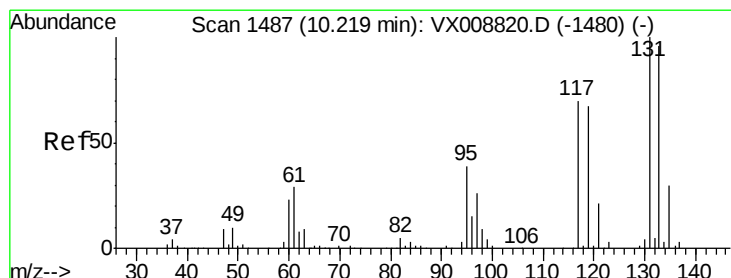
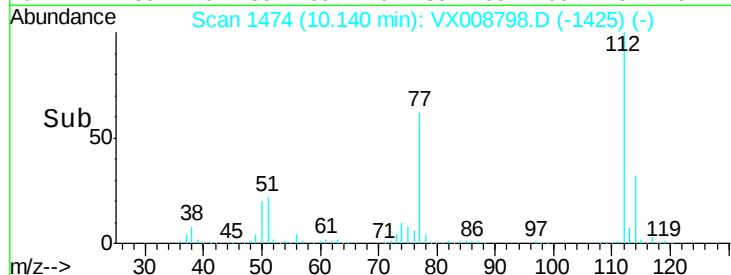
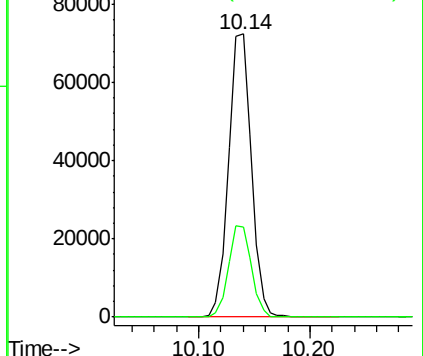
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.433 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008798.D

Acq: 10 Apr 2019 12:26

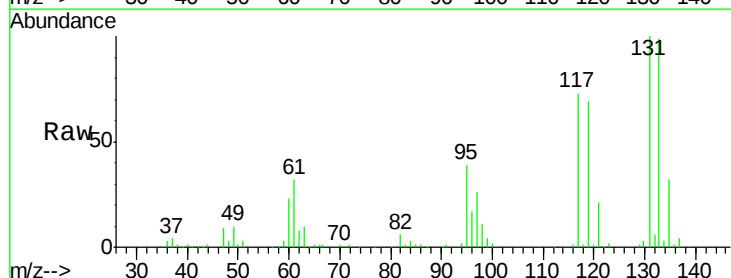
Tgt Ion:131 Resp: 35920

Ion Ratio Lower Upper

131 100

133 98.1 47.0 141.2

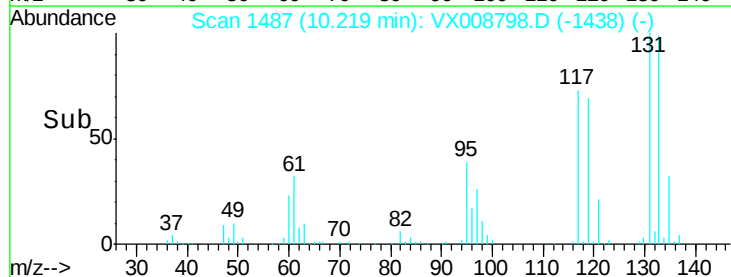
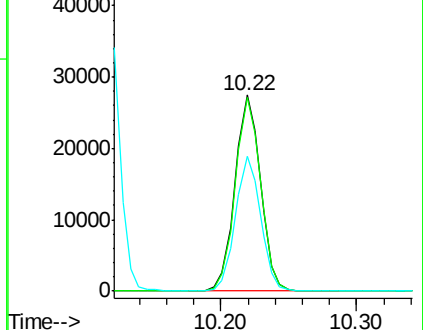
119 67.9 33.7 101.0

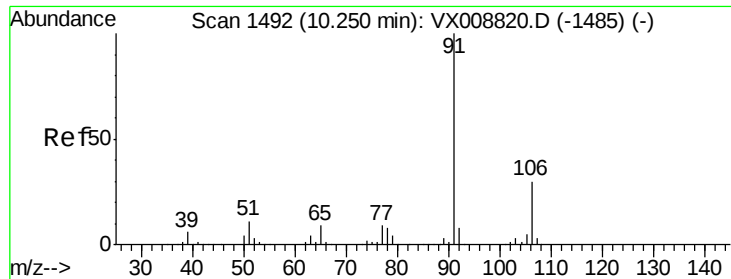


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.551 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008798.D

Acq: 10 Apr 2019 12:26

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS01

Tot Ion: 91 Resp: 192145

Ion Ratio Lower Upper

91 100

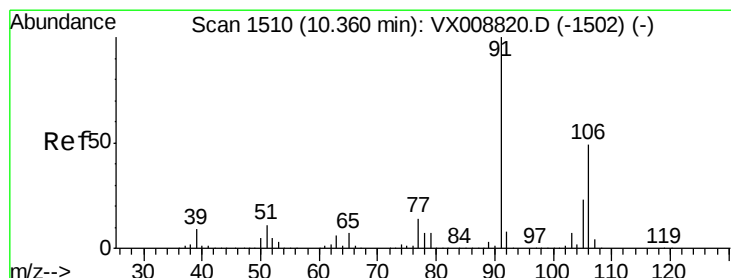
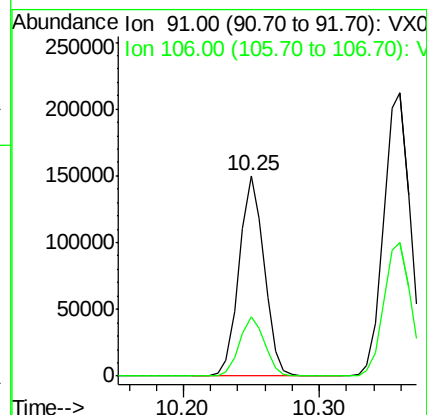
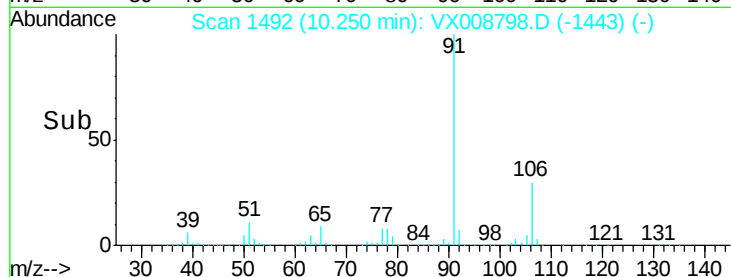
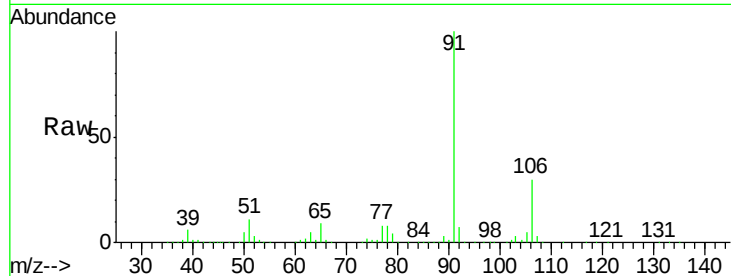
106 29.6 23.7 35.5

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#68

m/p-Xylenes

Concen: 36.889 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008798.D

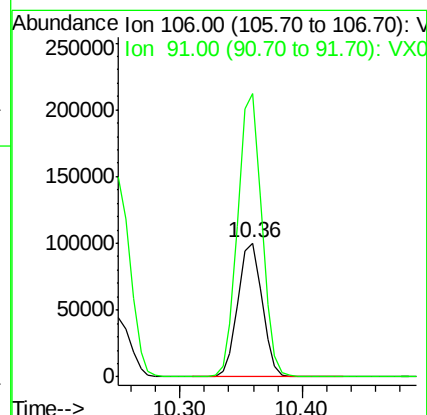
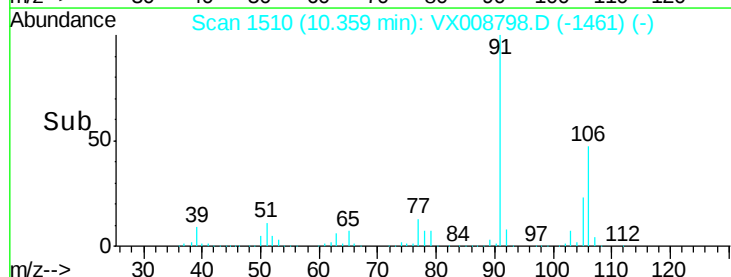
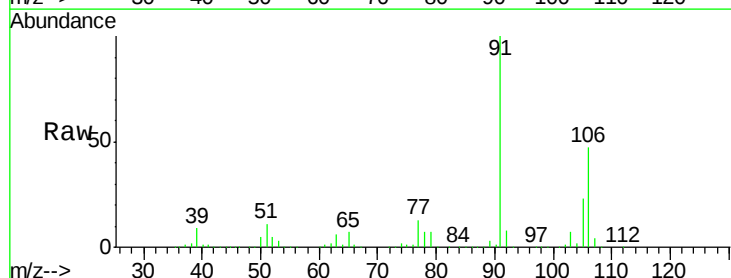
Acq: 10 Apr 2019 12:26

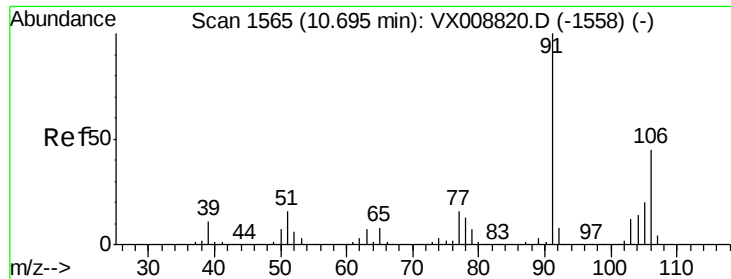
Tgt Ion: 106 Resp: 137376

Ion Ratio Lower Upper

106 100

91 208.8 168.5 252.7





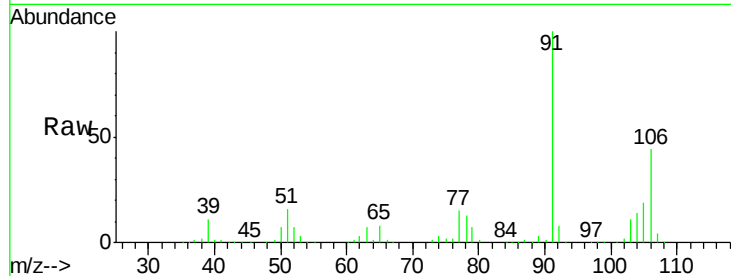
#69
o-Xylene
Concen: 18.707 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008798.D
Acq: 10 Apr 2019 12:26

Instrument :
MSVOA_X
ClientSampled :
VX0410WBS01

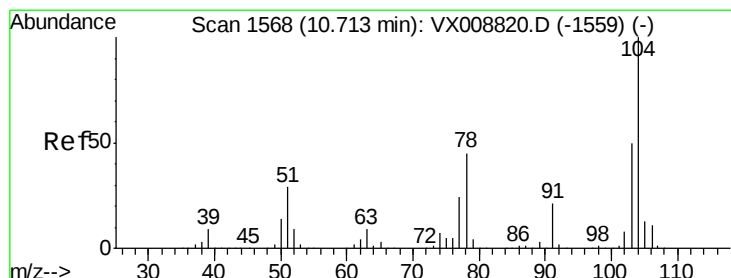
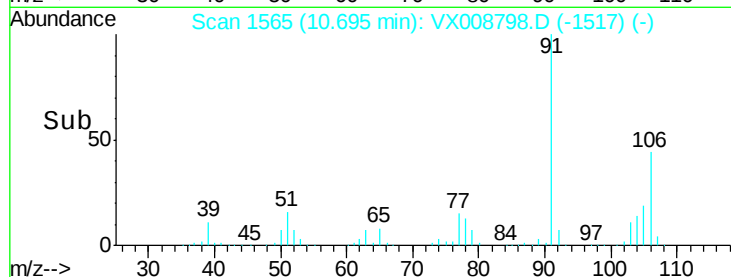
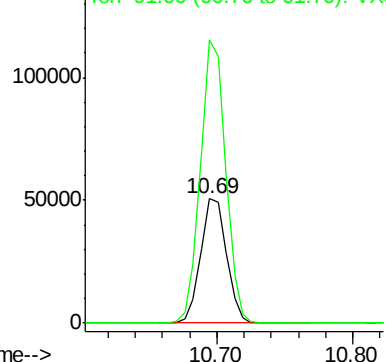
Tot Ion:106 Resp: 67514
Ion Ratio Lower Upper
106 100
91 221.2 111.5 334.4

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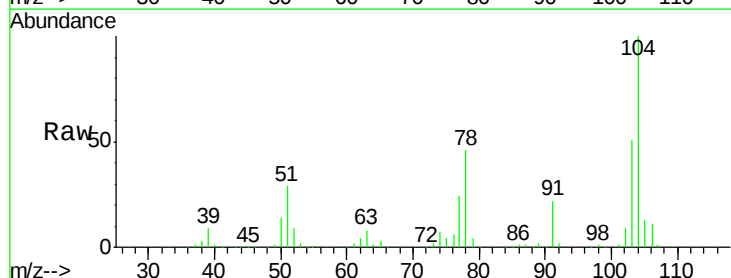


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

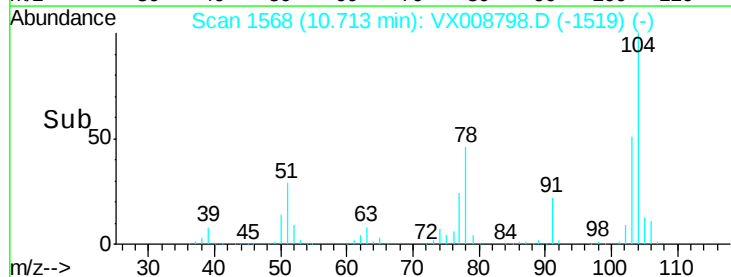
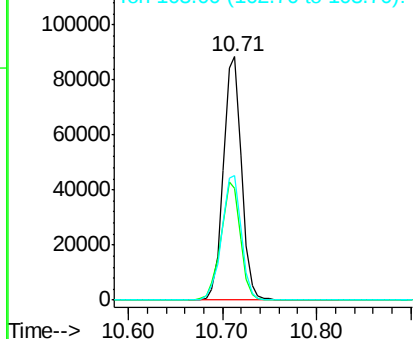


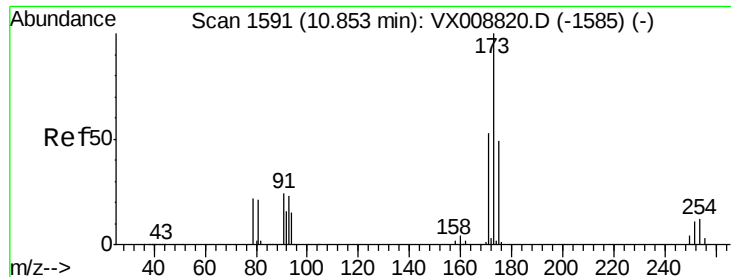
#70
Styrene
Concen: 18.934 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008798.D
Acq: 10 Apr 2019 12:26

Tgt Ion:104 Resp: 117791
Ion Ratio Lower Upper
104 100
78 52.1 42.3 63.5
103 55.1 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.769 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008798.D

Acq: 10 Apr 2019 12:26

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS01

Tot Ion:173 Resp: 27934

Ion Ratio Lower Upper

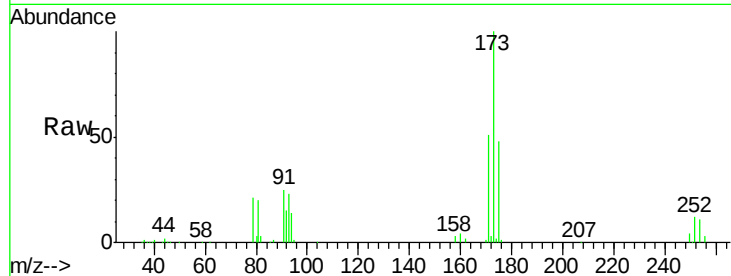
173 100

175 49.1 24.9 74.6

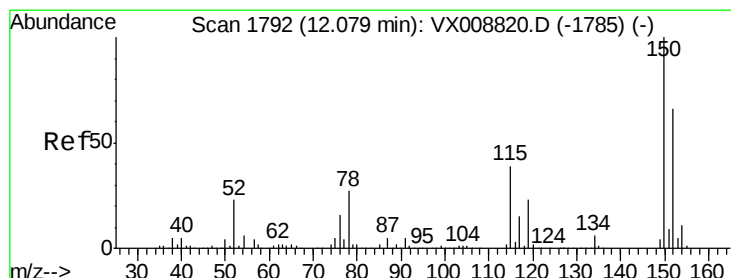
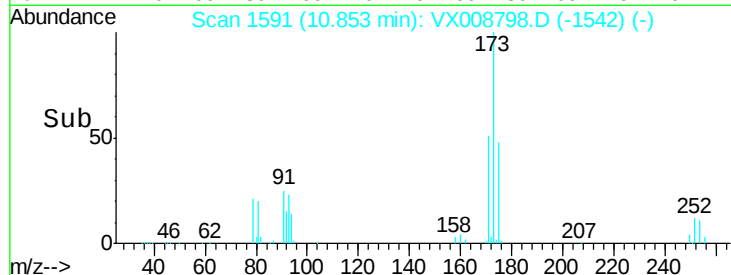
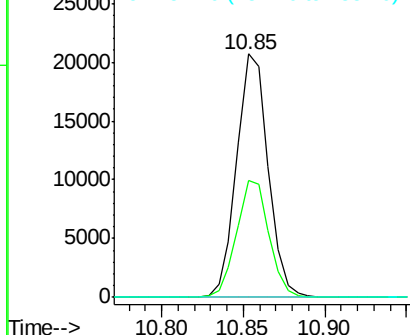
254 0.0 0.1 0.1#

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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: VX008798.D

Acq: 10 Apr 2019 12:26

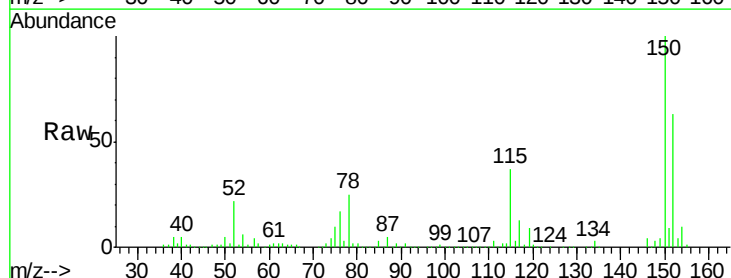
Tgt Ion:152 Resp: 116663

Ion Ratio Lower Upper

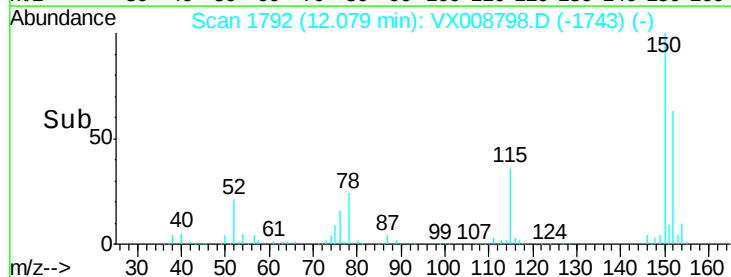
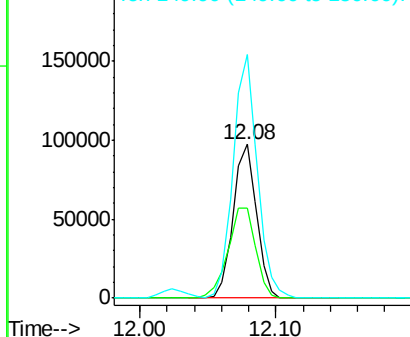
152 100

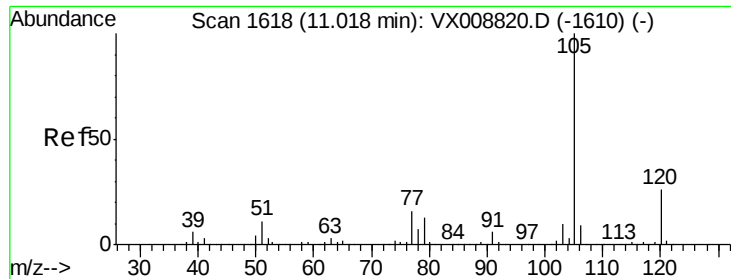
115 69.6 43.5 130.5

150 163.5 0.0 348.8



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





#73

Isopropylbenzene

Concen: 18.623 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008798.D

Acq: 10 Apr 2019 12:26

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS01

Tot Ion: 105 Resp: 180048

Ion Ratio Lower Upper

105 100

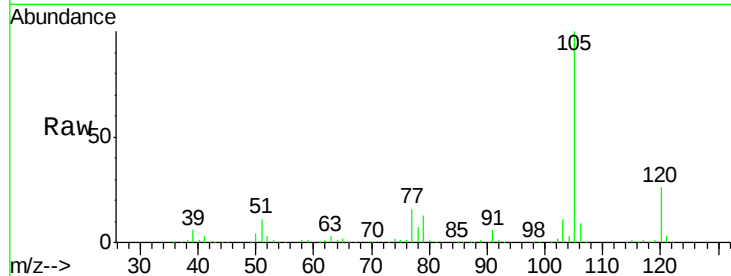
120 25.9 12.9 38.6

Manual Integrations

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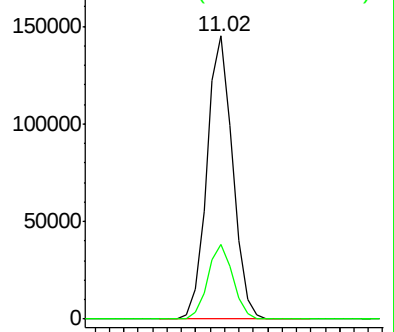
MMDadoda

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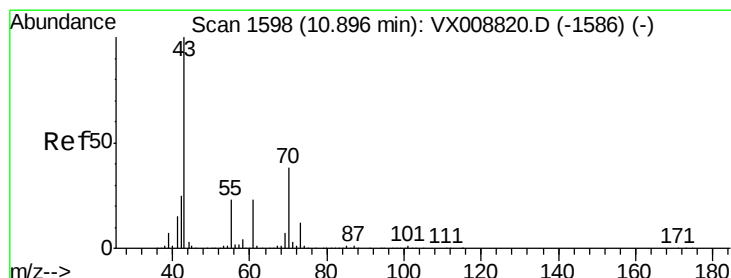
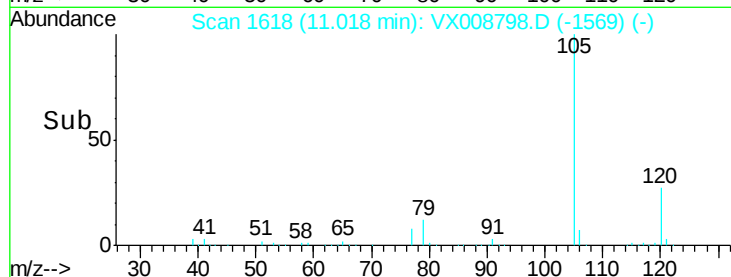


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 18.520 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008798.D

Acq: 10 Apr 2019 12:26

Tgt Ion: 43 Resp: 105346

Ion Ratio Lower Upper

43 100

70 37.5 30.2 45.4

55 23.2 18.2 27.4

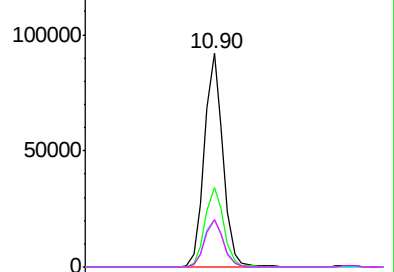
61 22.6 18.6 28.0

Abundance Ion 43.00 (42.70 to 43.70): VX0

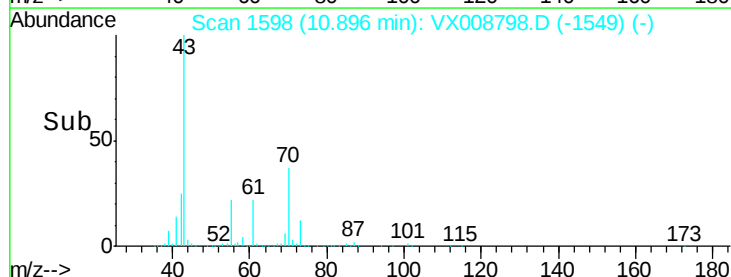
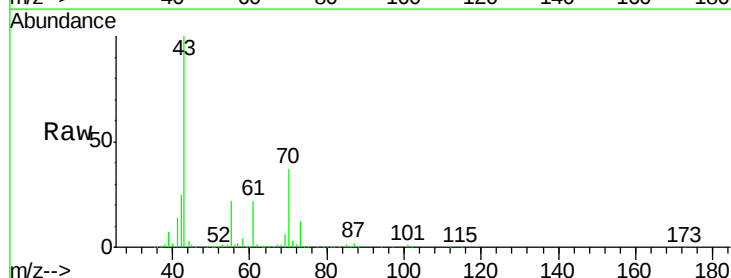
Ion 70.00 (69.70 to 70.70): VX0

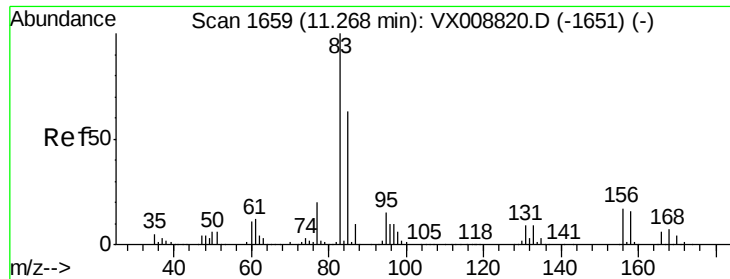
Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.497 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008798.D

Acq: 10 Apr 2019 12:26

Instrument :

MSVOA_X

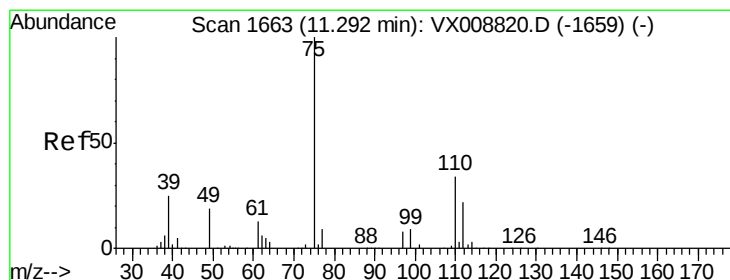
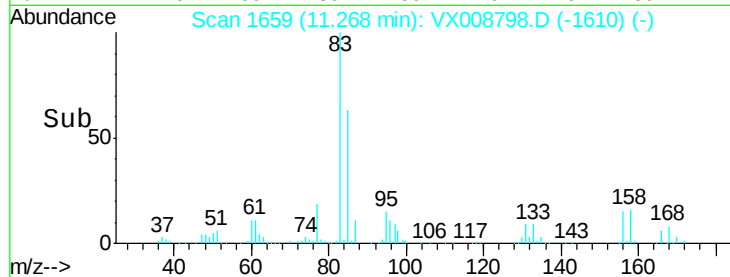
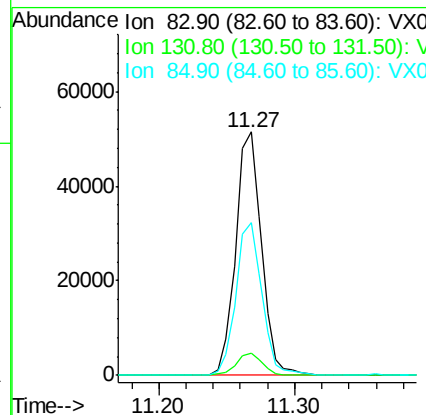
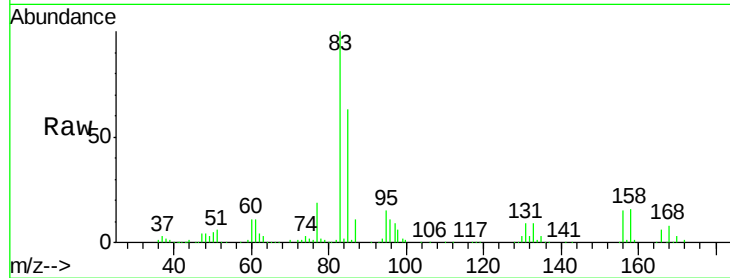
ClientSampleId :

VX0410WBS01

Tot Ion:	83	Resp:	68013
Ion Ratio	Lower	Upper	
83	100		
131	9.1	4.5	13.7
85	63.2	32.0	96.2

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#76

1,2,3-Trichloropropane

Concen: 18.319 ug/l m

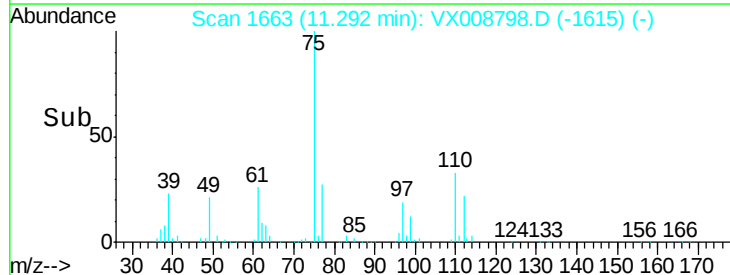
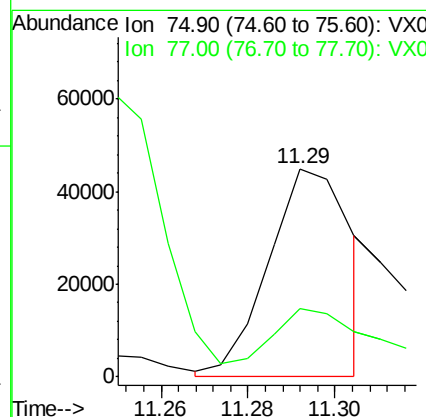
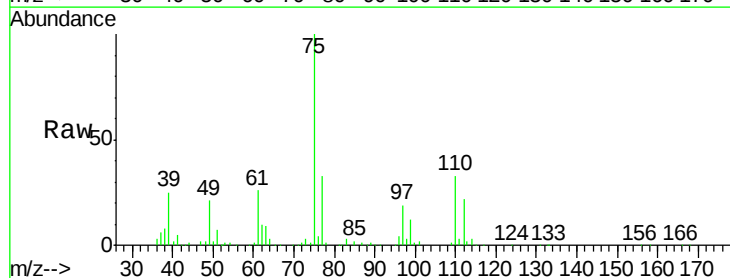
RT: 11.29 min Scan# 1663

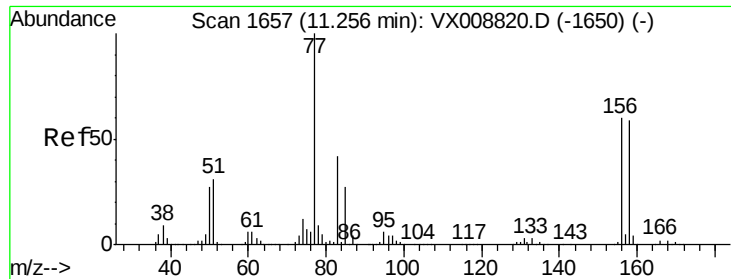
Delta R.T. -0.01 min

Lab File: VX008798.D

Acq: 10 Apr 2019 12:26

Tgt Ion:	75	Resp:	58710
Ion Ratio	Lower	Upper	
75	100		
77	43.4	22.3	66.8





#77

Bromobenzene

Concen: 18.579 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008798.D

Acq: 10 Apr 2019 12:26

Instrument :

MSVOA_X

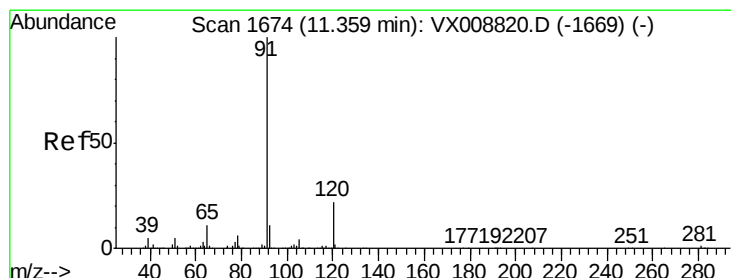
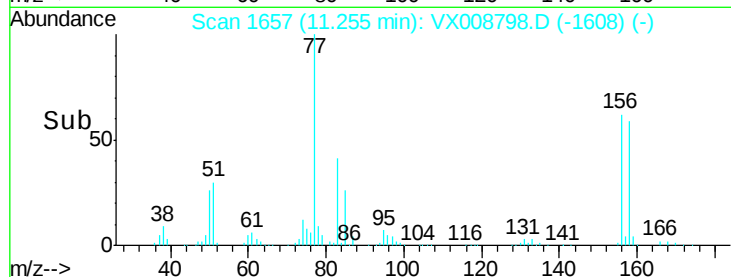
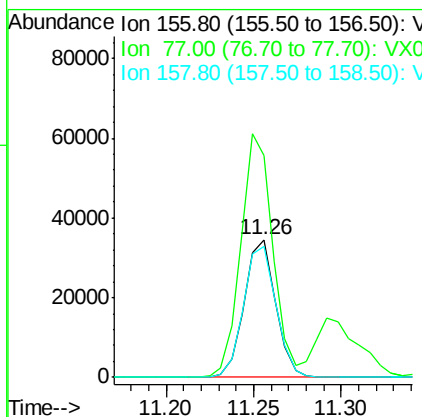
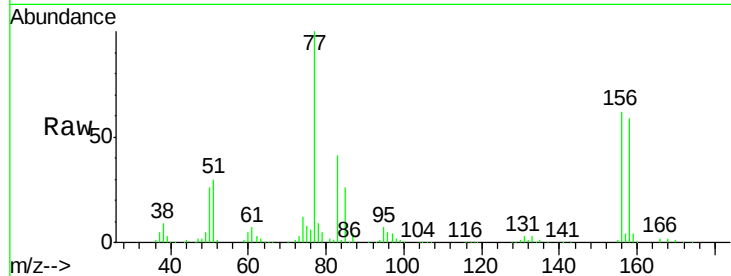
ClientSampleId :

VX0410WBS01

Tot Ion:	156	Resp:	43182
Ion	Ratio	Lower	Upper
156	100		
77	178.6	89.8	269.6
158	98.4	48.6	145.9

Manual Integrations
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#78

n-propylbenzene

Concen: 18.351 ug/l

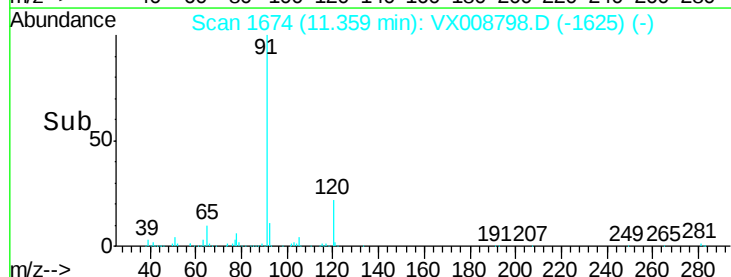
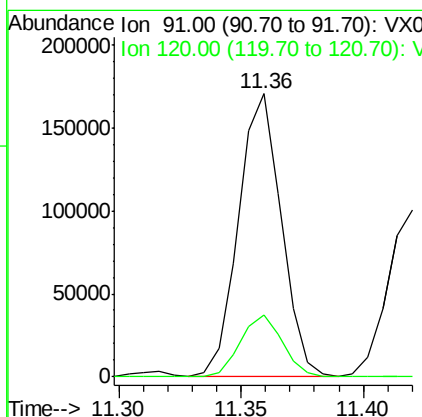
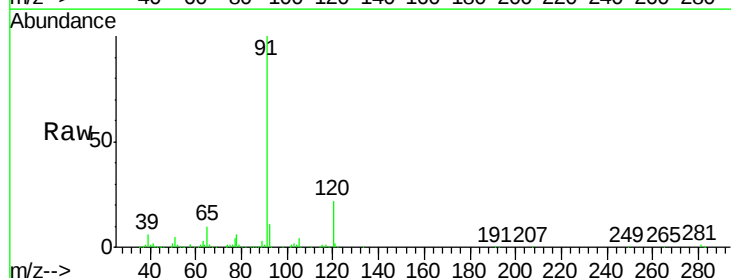
RT: 11.36 min Scan# 1674

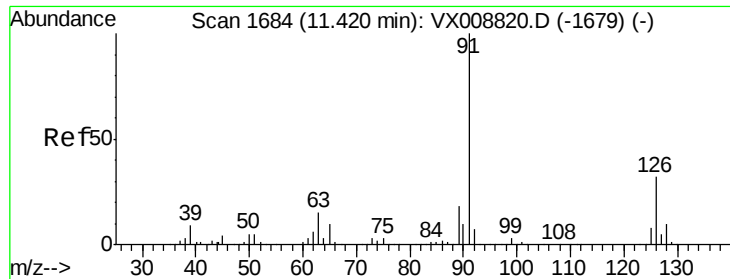
Delta R.T. -0.00 min

Lab File: VX008798.D

Acq: 10 Apr 2019 12:26

Tgt Ion:	91	Resp:	206587
Ion	Ratio	Lower	Upper
91	100		
120	21.7	10.9	32.7





#79

2-Chlorotoluene

Concen: 18.171 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008798.D

Acq: 10 Apr 2019 12:26

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS01

Tot Ion: 91 Resp: 123791

Ion Ratio Lower Upper

91 100

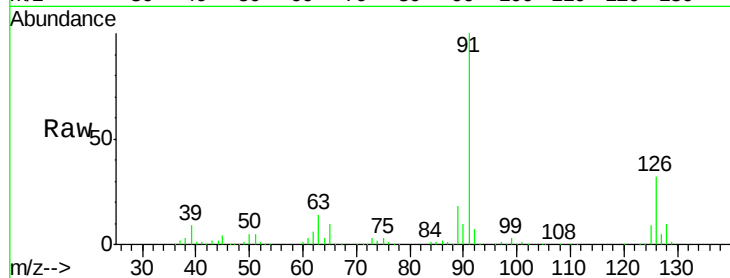
126 32.5 16.1 48.3

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX008820.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX008820.D (-1679) (-)

200000

150000

100000

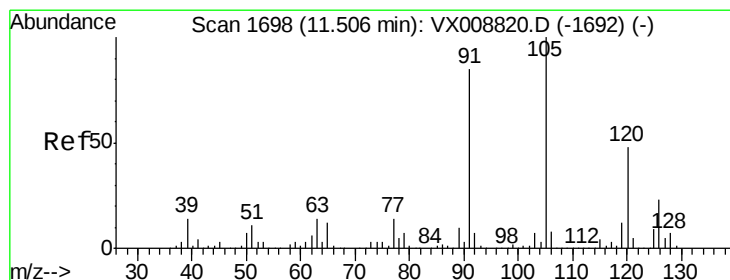
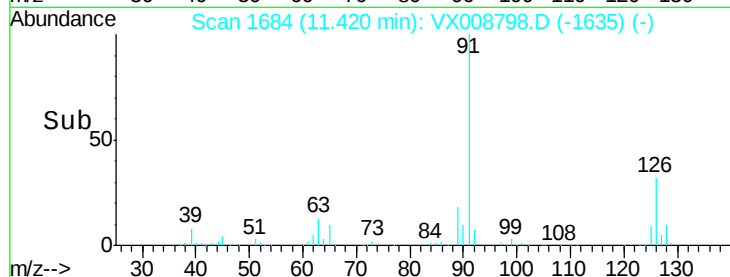
50000

0

11.42

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.642 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008798.D

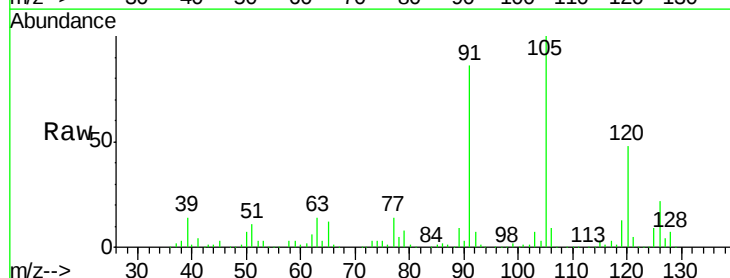
Acq: 10 Apr 2019 12:26

Tgt Ion:105 Resp: 151288

Ion Ratio Lower Upper

105 100

120 47.8 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): VX008820.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX008820.D (-1692) (-)

150000

100000

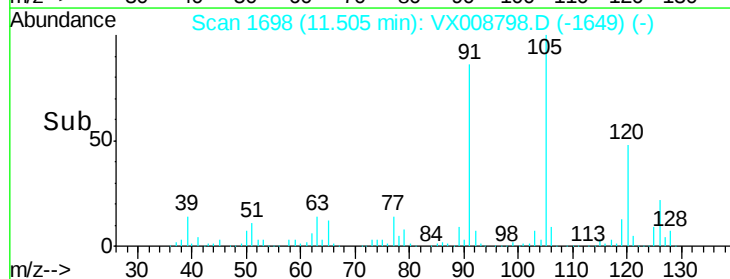
50000

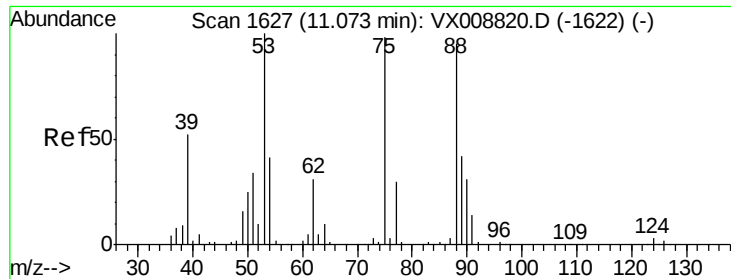
0

11.51

11.60

Time-->





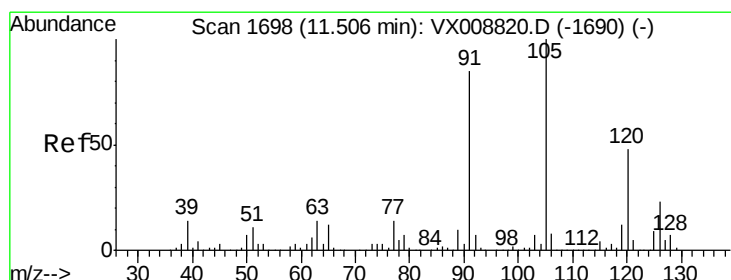
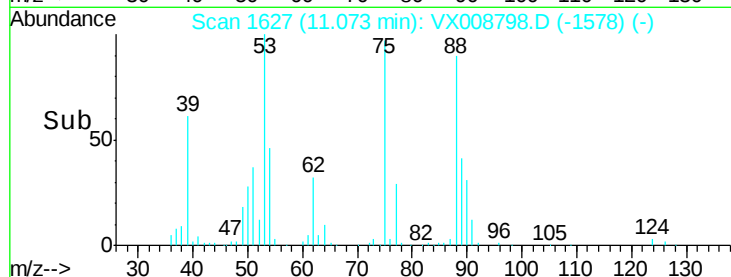
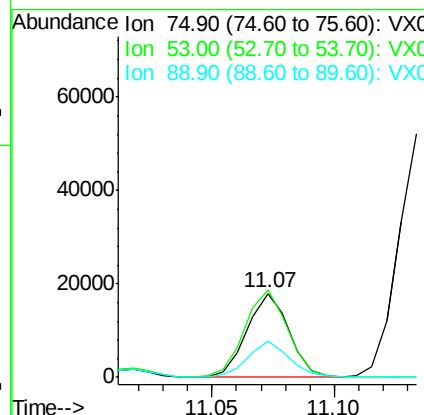
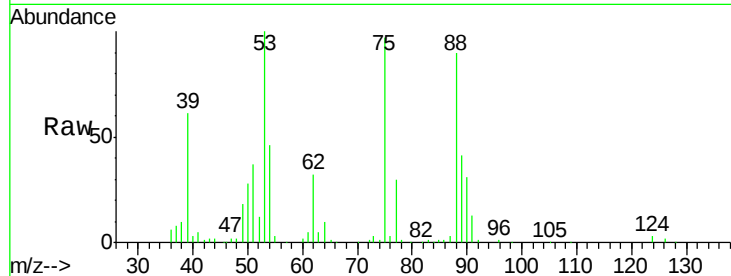
#81
trans-1,4-Dichloro-2-butene
Concen: 18.388 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX008798.D
Acq: 10 Apr 2019 12:26

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	107.8	81.3	121.9
89	44.4	35.6	53.4

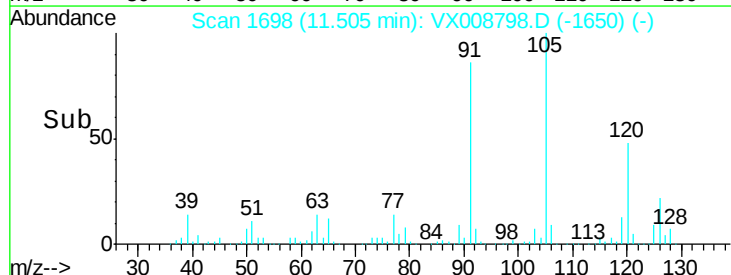
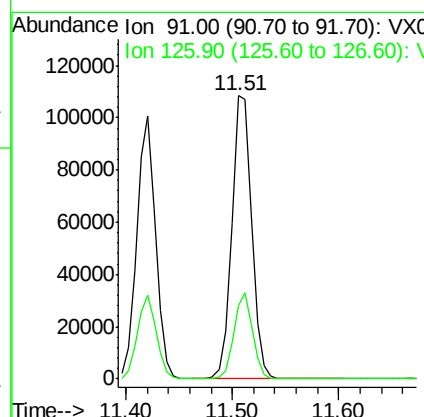
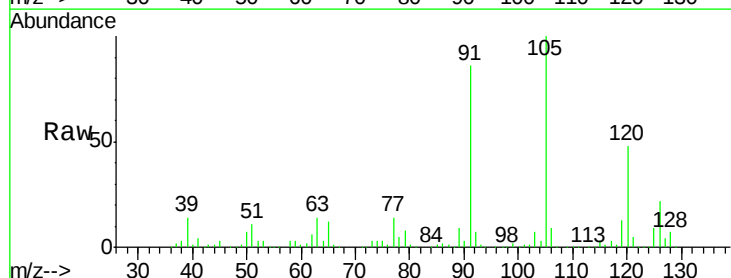
Manual Integrations
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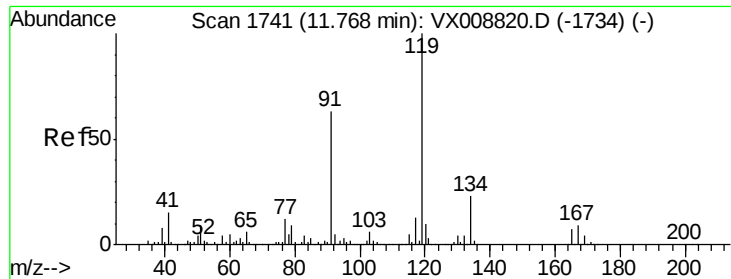
MMDadoda
4/11/2019 11:48:24 AM



#82
4-Chlorotoluene
Concen: 18.018 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX008798.D
Acq: 10 Apr 2019 12:26

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.7	13.9	41.6





#83

tert-Butylbenzene

Concen: 18.396 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX008798.D

Acq: 10 Apr 2019 12:26

Instrument :

MSVOA_X

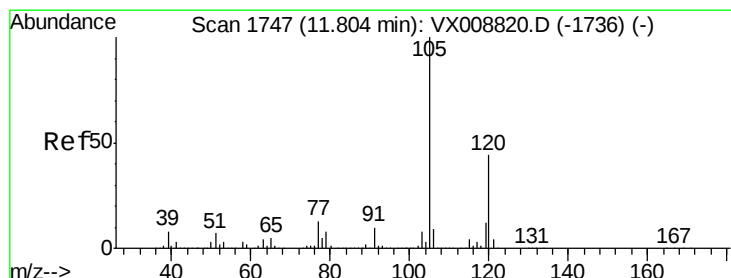
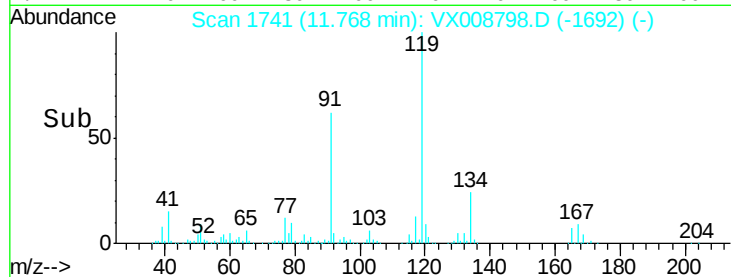
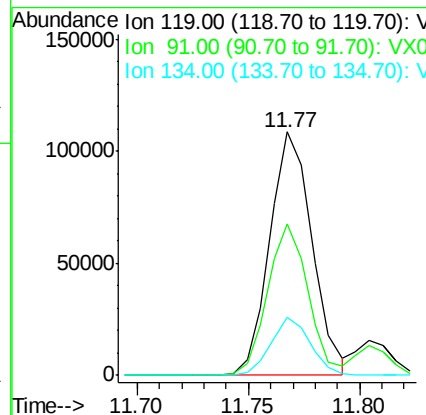
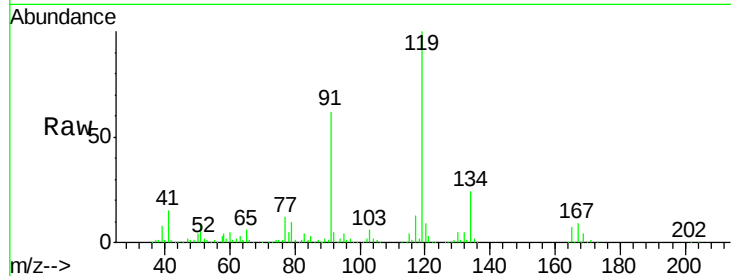
ClientSampled :

VX0410WBS01

Tot Ion:	119	Resp:	143634
Ion Ratio	Lower	Upper	
119	100		
91	59.4	30.0	90.1
134	22.5	11.1	33.3

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#84

1,2,4-Trimethylbenzene

Concen: 18.653 ug/l

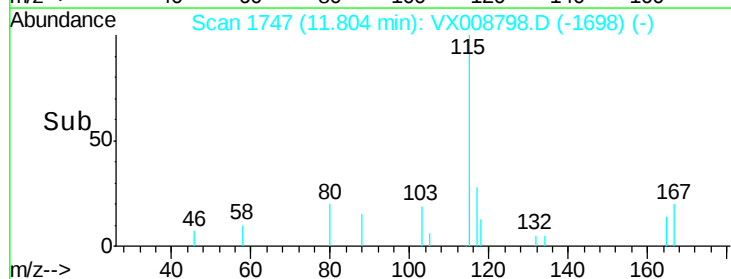
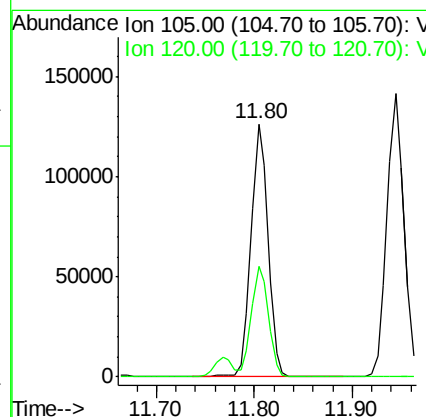
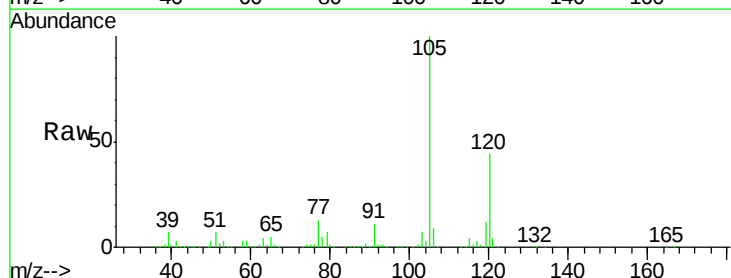
RT: 11.80 min Scan# 1747

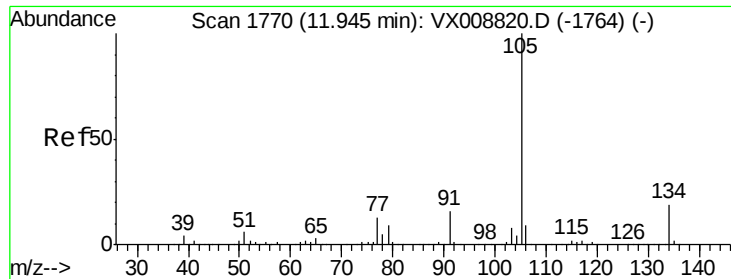
Delta R.T. -0.00 min

Lab File: VX008798.D

Acq: 10 Apr 2019 12:26

Tgt Ion:	105	Resp:	153281
Ion Ratio	Lower	Upper	
105	100		
120	44.4	21.8	65.3





#85

sec-Butylbenzene

Concen: 18.540 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008798.D

Acq: 10 Apr 2019 12:26

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBS01

Tot Ion:105 Resp: 171950

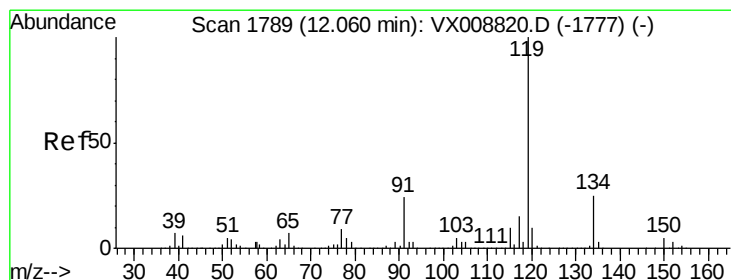
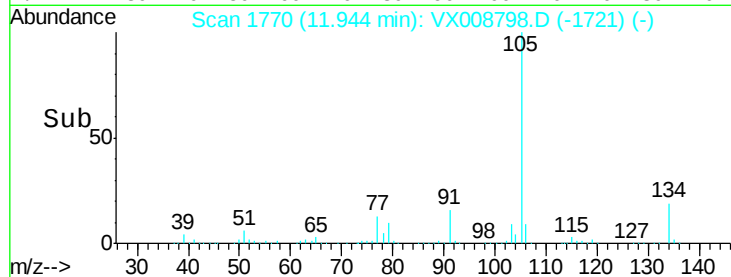
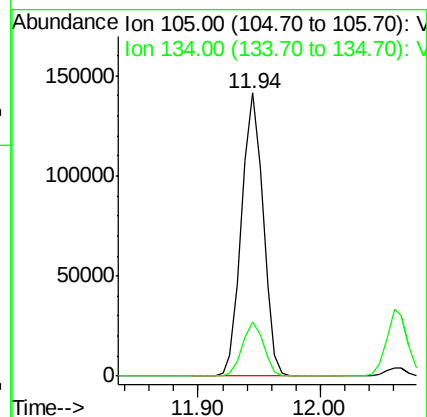
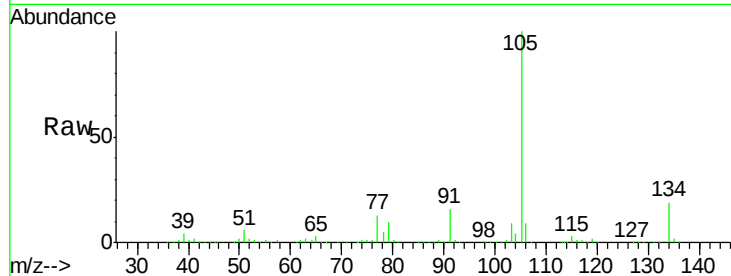
Ion Ratio Lower Upper

105 100

134 18.9 9.4 28.2

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#86

p-Isopropyltoluene

Concen: 18.695 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008798.D

Acq: 10 Apr 2019 12:26

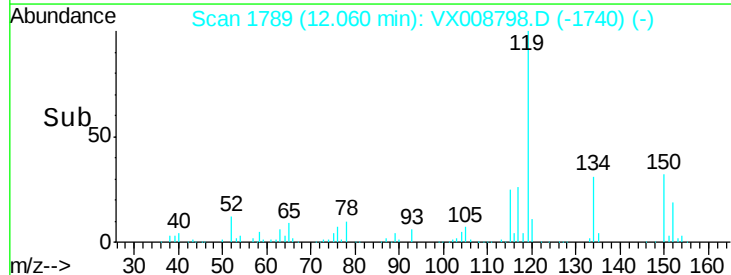
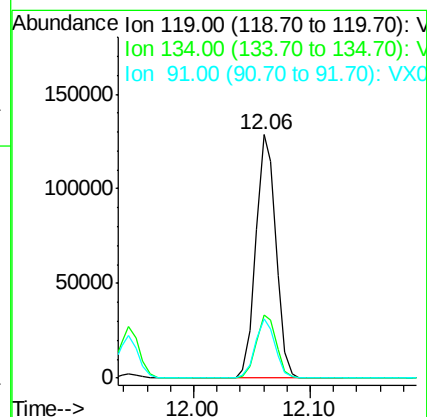
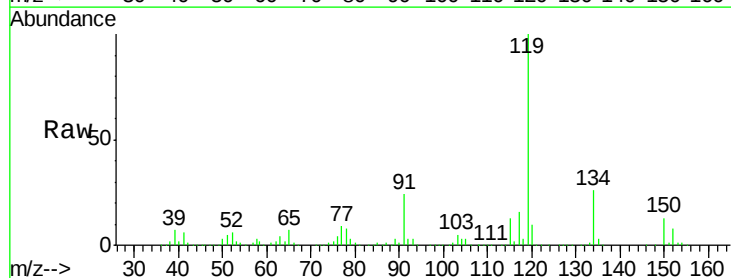
Tgt Ion:119 Resp: 155616

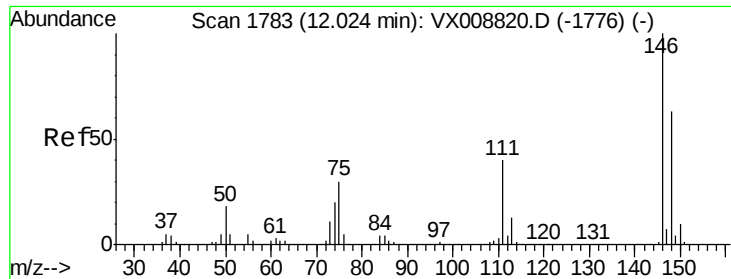
Ion Ratio Lower Upper

119 100

134 26.0 12.8 38.4

91 24.1 12.2 36.6





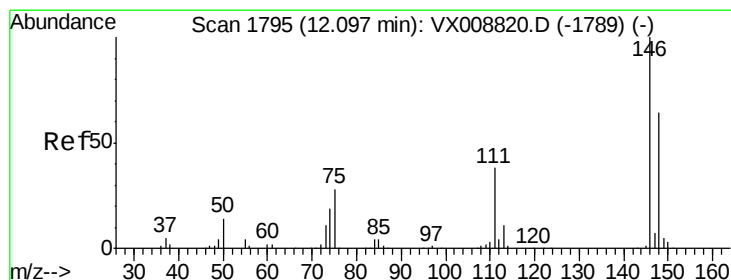
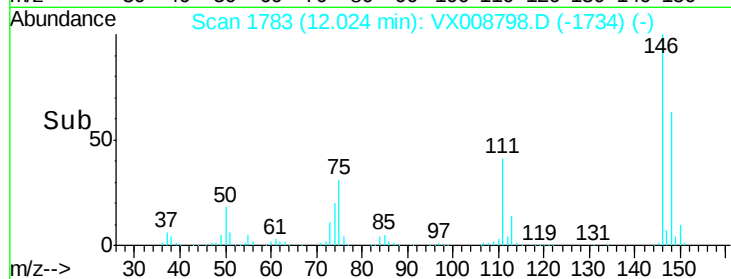
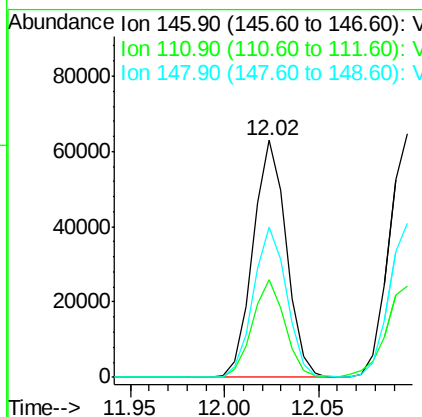
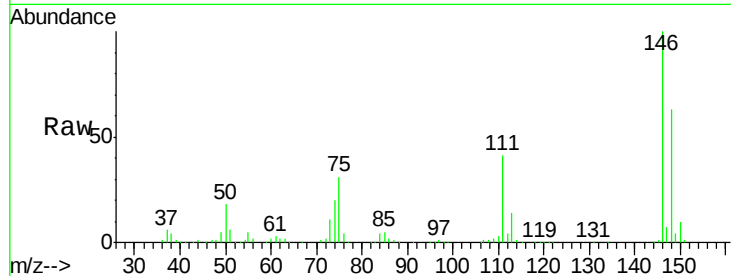
#87
 1,3-Dichlorobenzene
 Concen: 18.517 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008798.D
 Acq: 10 Apr 2019 12:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.5	61.5
148	63.3	31.6	94.7

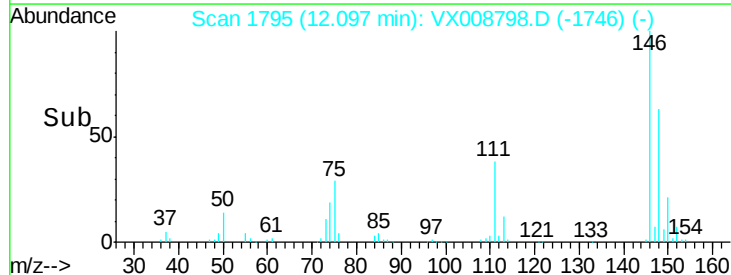
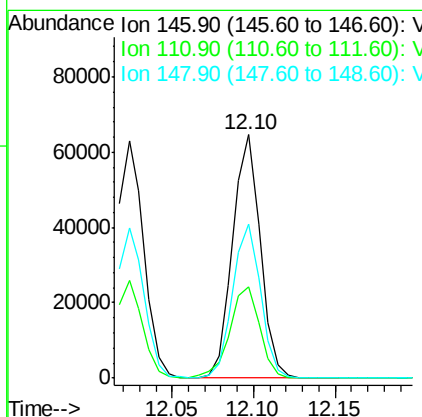
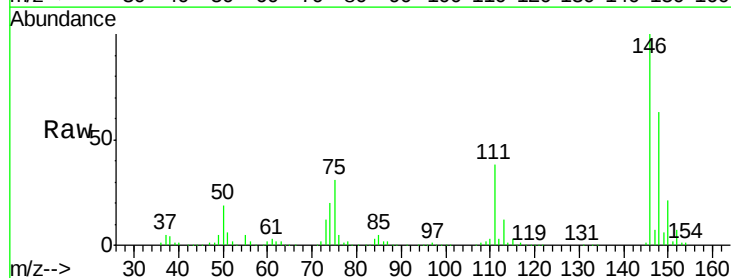
Manual Integrations
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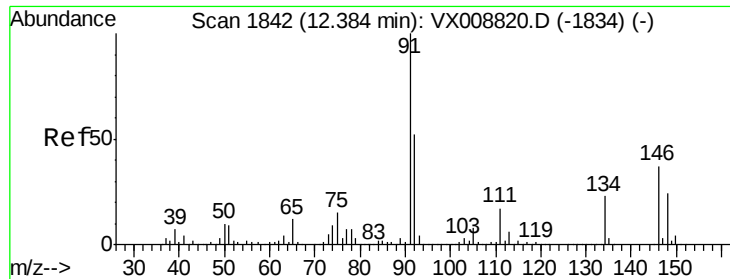
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#88
 1,4-Dichlorobenzene
 Concen: 18.165 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008798.D
 Acq: 10 Apr 2019 12:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.2	60.6
148	64.0	32.0	96.0





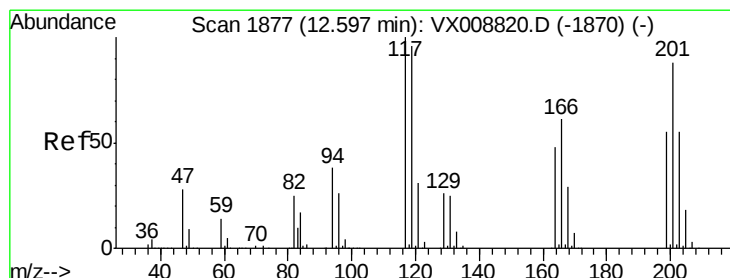
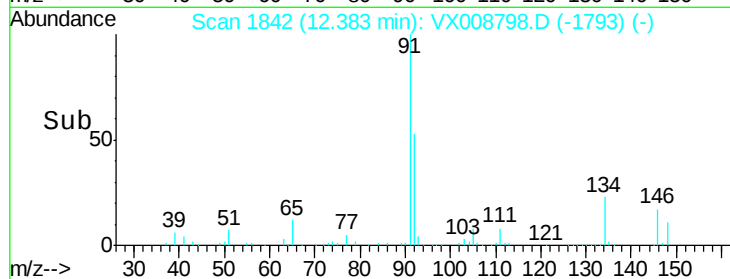
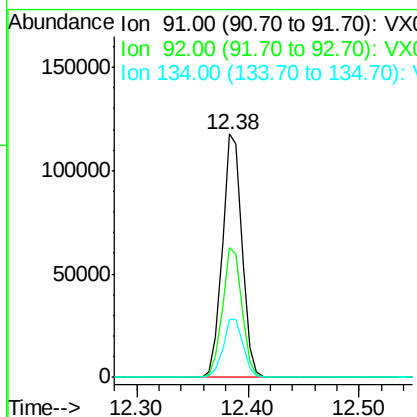
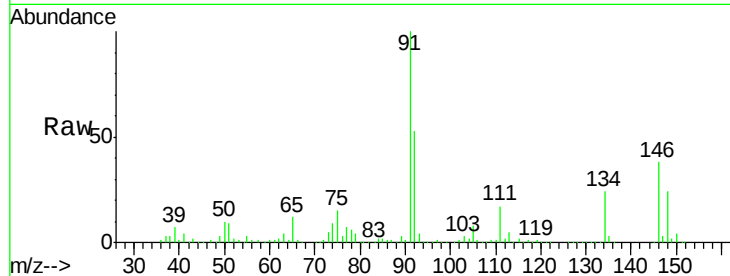
#89
n-Butylbenzene
Concen: 18.344 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008798.D
Acq: 10 Apr 2019 12:26

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		143206		
92	53.0	26.4	79.2		
134	24.4	12.0	36.0		

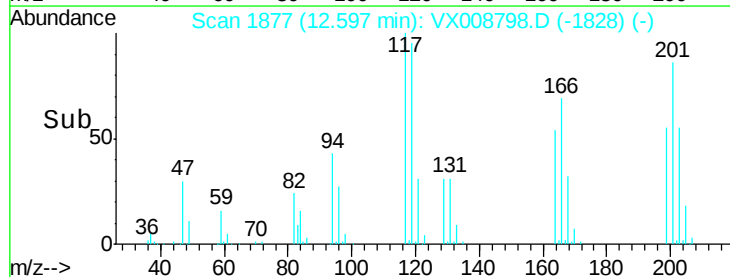
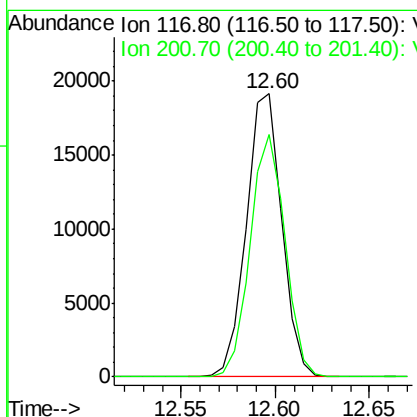
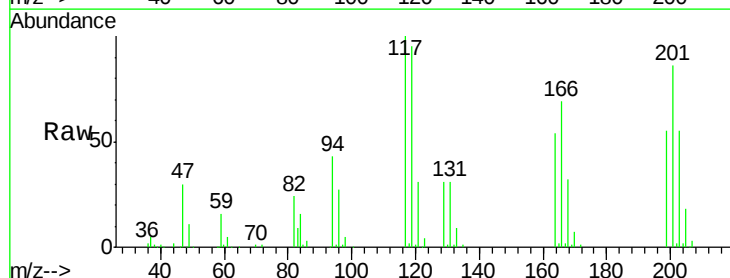
Manual Integrations
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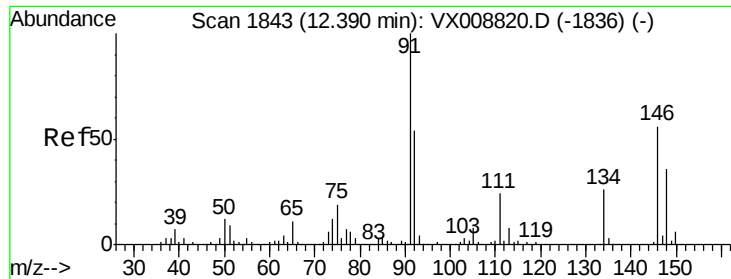
MMDadoda
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#90
Hexachloroethane
Concen: 18.056 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008798.D
Acq: 10 Apr 2019 12:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		24929		
201	84.3	40.6	122.0		





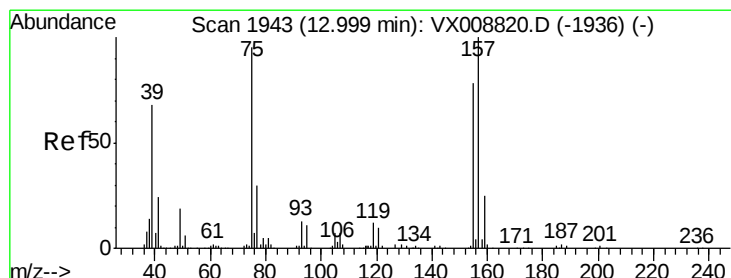
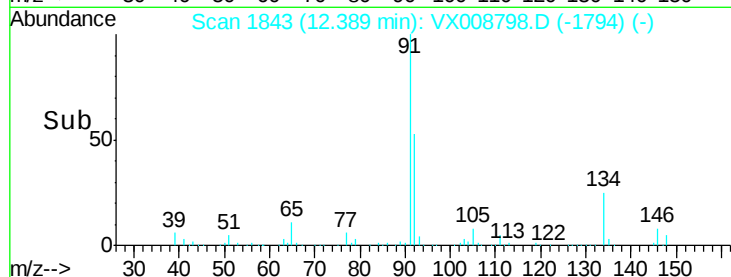
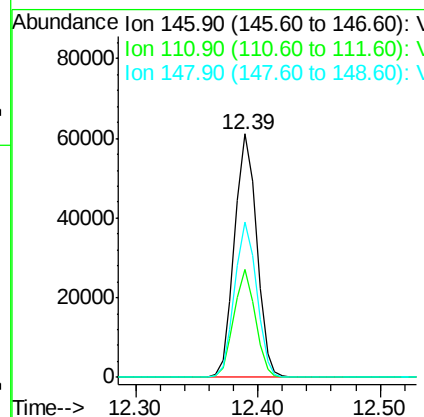
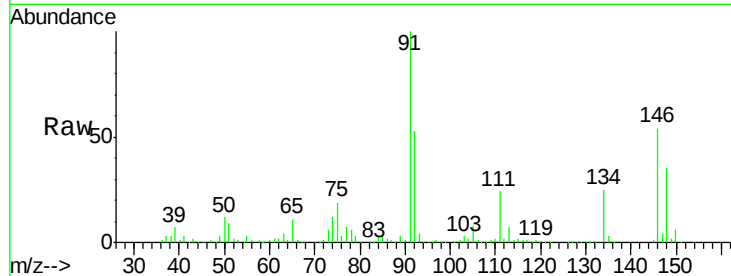
#91
 1,2-Dichlorobenzene
 Concen: 18.535 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008798.D
 Acq: 10 Apr 2019 12:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.3	63.9
148	63.2	31.7	95.1

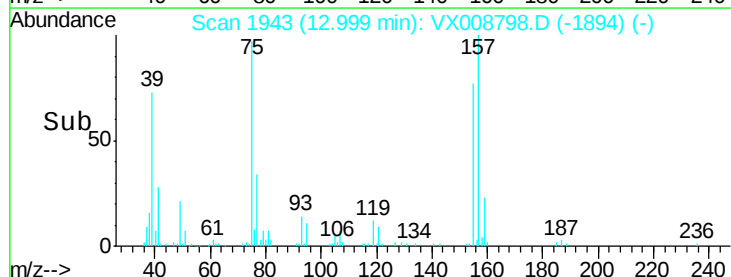
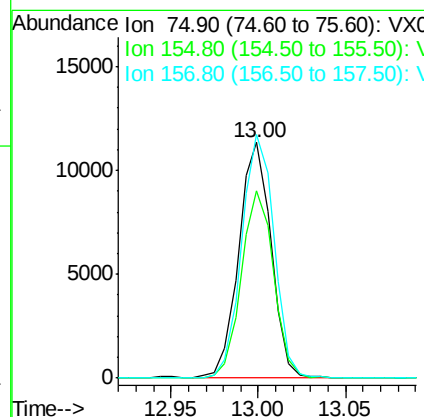
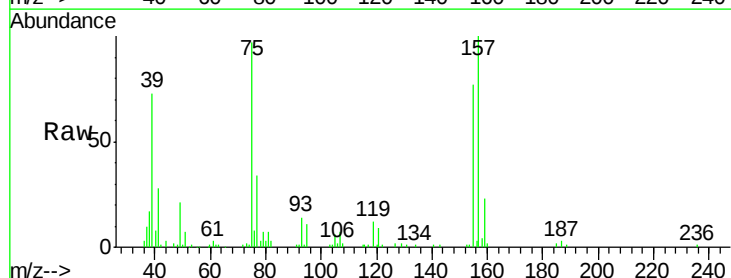
Manual Integrations
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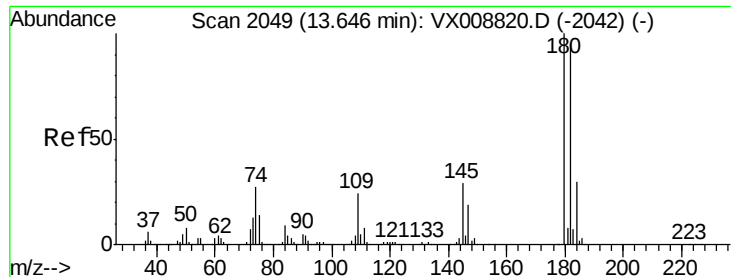
MMDadoda
 4/11/2019 11:48:24 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.096 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008798.D
 Acq: 10 Apr 2019 12:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.6	39.9	119.6
157	103.0	51.5	154.7





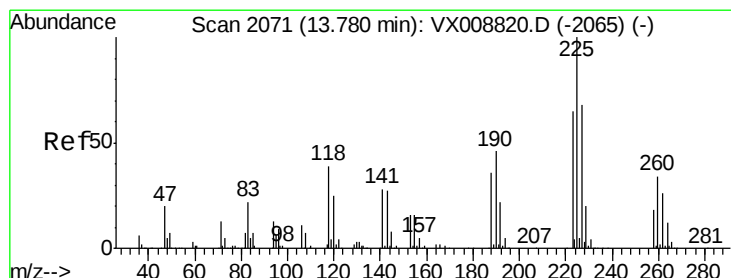
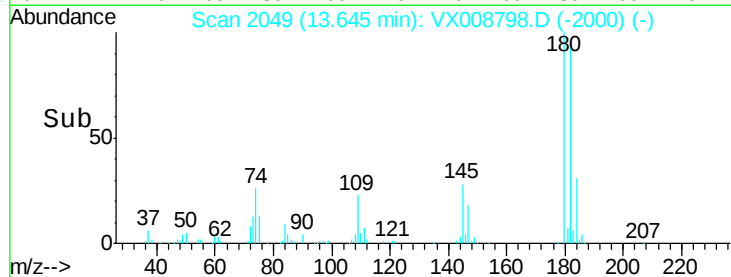
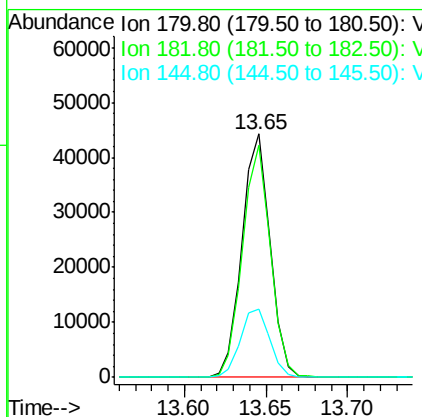
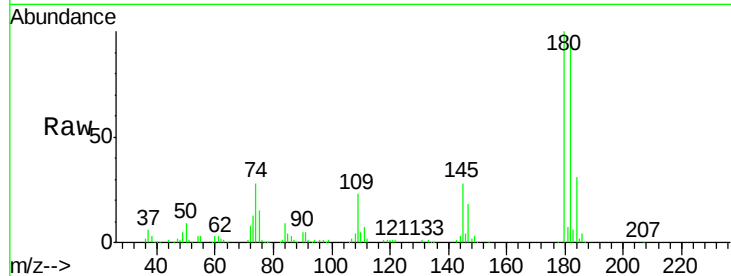
#93
 1,2,4-Trichlorobenzene
 Concen: 18.581 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008798.D
 Acq: 10 Apr 2019 12:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.2	141.6
145	29.4	15.3	45.9

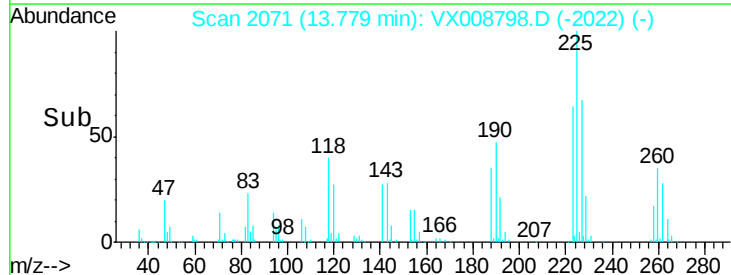
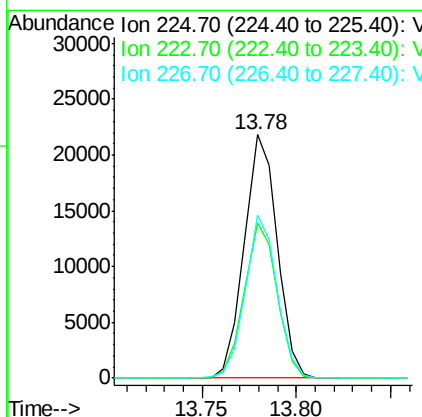
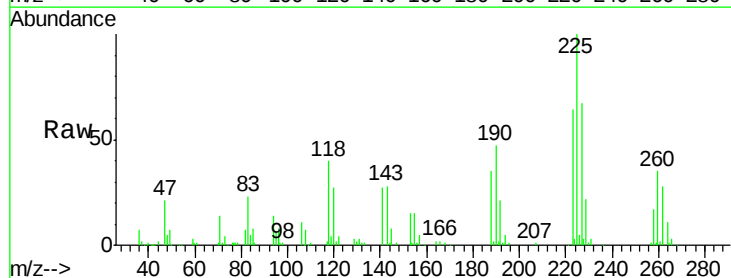
Manual Integrations
 APPROVED

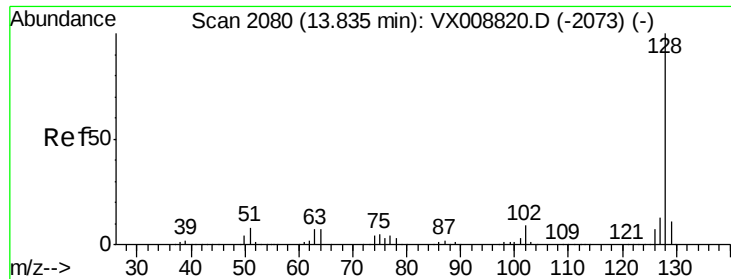
MMDadoda
 4/11/2019 11:48:24 AM



#94
 Hexachlorobutadiene
 Concen: 19.262 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008798.D
 Acq: 10 Apr 2019 12:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.2	93.6
227	64.2	31.9	95.5





#95

Naphthalene

Concen: 18.456 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008798.D

Acq: 10 Apr 2019 12:26

Instrument :

MSVOA_X

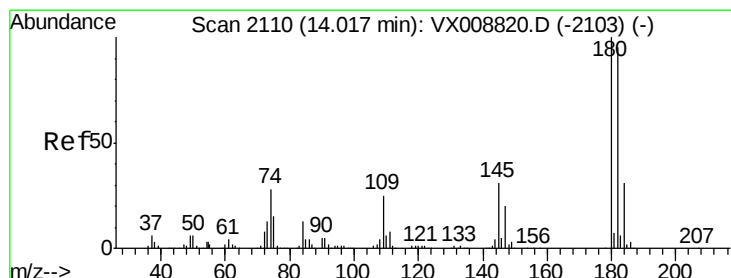
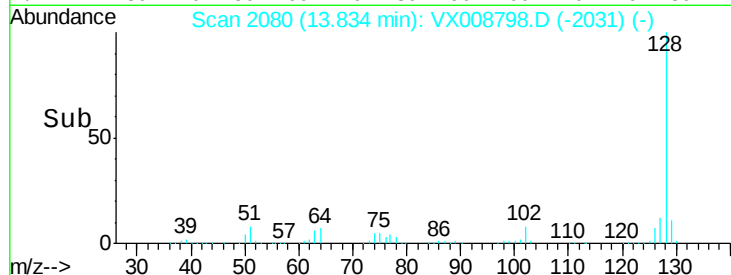
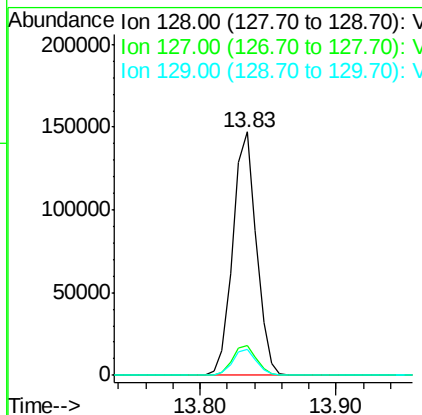
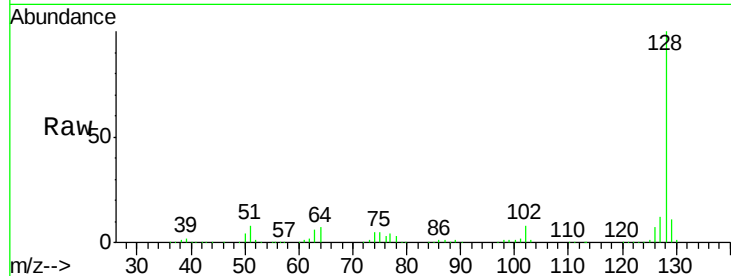
ClientSampleId :

VX0410WBS01

Tot Ion:	128	Resp:	177181
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	10.8	8.6	13.0

Manual Integrations
APPROVED

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#96

1,2,3-Trichlorobenzene

Concen: 18.399 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008798.D

Acq: 10 Apr 2019 12:26

Tgt Ion:	180	Resp:	52804
Ion Ratio	Lower	Upper	
180	100		
182	96.1	48.1	144.3
145	31.9	16.3	48.8

