

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011020\
 Data File : VX014525.D
 Acq On : 10 Jan 2020 10:16
 Operator : JC/SP
 Sample : VX0110WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/13/2020 11:34:31 AM

Quant Time: Jan 10 12:37:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	500469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	739681	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	662884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	333452	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	264552	47.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.70%	
35) Dibromofluoromethane	5.49	113	221438	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
50) Toluene-d8	8.71	98	866155	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
62) 4-Bromofluorobenzene	11.13	95	303333	47.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.10%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	120093	19.483	ug/l	98
3) Chloromethane	1.32	50	124099	19.453	ug/l	99
4) Vinyl Chloride	1.40	62	144142	20.277	ug/l	100
5) Bromomethane	1.64	94	77761	16.502	ug/l	97
6) Chloroethane	1.72	64	79132	19.646	ug/l	98
7) Trichlorofluoromethane	1.92	101	150137	18.618	ug/l	98
8) Diethyl Ether	2.18	74	67519	18.353	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	92374	18.829	ug/l	99
10) Methyl Iodide	2.50	142	102836	17.505	ug/l	100
11) Tert butyl alcohol	3.02	59	107183	91.881	ug/l	96
12) 1,1-Dichloroethene	2.37	96	92073	18.627	ug/l	98
13) Acrolein	2.28	56	65164	69.693	ug/l	99
14) Allyl chloride	2.72	41	160203	18.461	ug/l	99
15) Acrylonitrile	3.13	53	263615	93.630	ug/l	99
16) Acetone	2.43	43	282460	98.296	ug/l	98
17) Carbon Disulfide	2.56	76	236890	17.176	ug/l	99
18) Methyl Acetate	2.76	43	158798	19.776	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	299275	18.861	ug/l	100
20) Methylene Chloride	2.85	84	104390	18.573	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	97764	18.117	ug/l	98
22) Diisopropyl ether	3.84	45	326205	19.451	ug/l	91
23) Vinyl Acetate	3.80	43	1256307	96.757	ug/l	99
24) 1,1-Dichloroethane	3.69	63	176177	19.311	ug/l	99
25) 2-Butanone	4.65	43	390872	93.660	ug/l	99
26) 2,2-Dichloropropane	4.57	77	138534	17.925	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	111481	18.480	ug/l	99
28) Bromochloromethane	5.01	49	73781	19.193	ug/l	95
29) Tetrahydrofuran	5.11	42	229975	93.205	ug/l	99
30) Chloroform	5.19	83	171716	19.262	ug/l	99
31) Cyclohexane	5.57	56	164685	19.285	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	143154	18.760	ug/l	99
36) 1,1-Dichloropropene	5.79	75	129612	18.633	ug/l	100
37) Ethyl Acetate	4.81	43	139014	18.399	ug/l	99
38) Carbon Tetrachloride	5.77	117	123515	19.296	ug/l	99

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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Manual Integrations
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MMDadoda
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Quant Time: Jan 10 12:37:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	169303	19.373	ug/l	97
40) Benzene	6.14	78	402710	19.506	ug/l	98
41) Methacrylonitrile	5.03	41	76361	18.952	ug/l	98
42) 1,2-Dichloroethane	6.18	62	139738	19.358	ug/l	98
43) Isopropyl Acetate	6.43	43	233938	19.166	ug/l	99
44) Trichloroethene	7.20	130	111476	18.789	ug/l	95
45) 1,2-Dichloropropane	7.51	63	102532	19.480	ug/l	98
46) Dibromomethane	7.65	93	65997	17.965	ug/l	98
47) Bromodichloromethane	7.89	83	129774	19.413	ug/l	99
48) Methyl methacrylate	7.76	41	113760	19.460	ug/l	98
49) 1,4-Dioxane	7.73	88	48877	394.590	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	728595	97.959	ug/l	98
52) Toluene	8.78	92	252571	19.111	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	140429	18.044	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	160992	19.150	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	102022	19.219	ug/l	97
56) Ethyl methacrylate	9.17	69	155663	19.141	ug/l	98
57) 1,3-Dichloropropane	9.37	76	171297	19.300	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	266339	96.256	ug/l	99
59) 2-Hexanone	9.48	43	563643	95.775	ug/l	100
60) Dibromochloromethane	9.57	129	102876	19.281	ug/l	99
61) 1,2-Dibromoethane	9.67	107	106872	19.006	ug/l	97
64) Tetrachloroethene	9.33	164	121061	18.222	ug/l	99
65) Chlorobenzene	10.13	112	267305	18.581	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	97288	18.950	ug/l	99
67) Ethyl Benzene	10.25	91	477561	19.477	ug/l	99
68) m/p-Xylenes	10.35	106	362921	38.366	ug/l	98
69) o-Xylene	10.69	106	174601	19.345	ug/l	100
70) Styrene	10.71	104	299303	19.216	ug/l	99
71) Bromoform	10.85	173	75656	18.012	ug/l #	99
73) Isopropylbenzene	11.01	105	465768	19.891	ug/l	99
74) N-amyl acetate	10.89	43	198365	19.202	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	147951	19.703	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	127787m	18.522	ug/l	
77) Bromobenzene	11.25	156	120877	18.615	ug/l	99
78) n-propylbenzene	11.35	91	523213	19.511	ug/l	99
79) 2-Chlorotoluene	11.42	91	314251	19.662	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	387472	19.931	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	46305	17.744	ug/l	93
82) 4-Chlorotoluene	11.51	91	356160	18.985	ug/l	99
83) tert-Butylbenzene	11.76	119	366393	19.947	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	393219	20.017	ug/l	100
85) sec-Butylbenzene	11.94	105	452166	19.802	ug/l	99
86) p-Isopropyltoluene	12.06	119	413457	19.512	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	211683	18.164	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	216715	19.436	ug/l	98
89) n-Butylbenzene	12.39	91	351482	18.142	ug/l	99
90) Hexachloroethane	12.59	117	69137	18.575	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	212599	18.620	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	30768	18.215	ug/l	98

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Sample : VX0110WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS01

Manual Integrations
APPROVED

MMDadoda
1/13/2020 11:34:31 AM

Quant Time: Jan 10 12:37:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	143164	17.793	ug/l	99
94) Hexachlorobutadiene	13.78	225	72782	19.430	ug/l	100
95) Naphthalene	13.83	128	420739	16.916	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	143713	18.101	ug/l	100

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

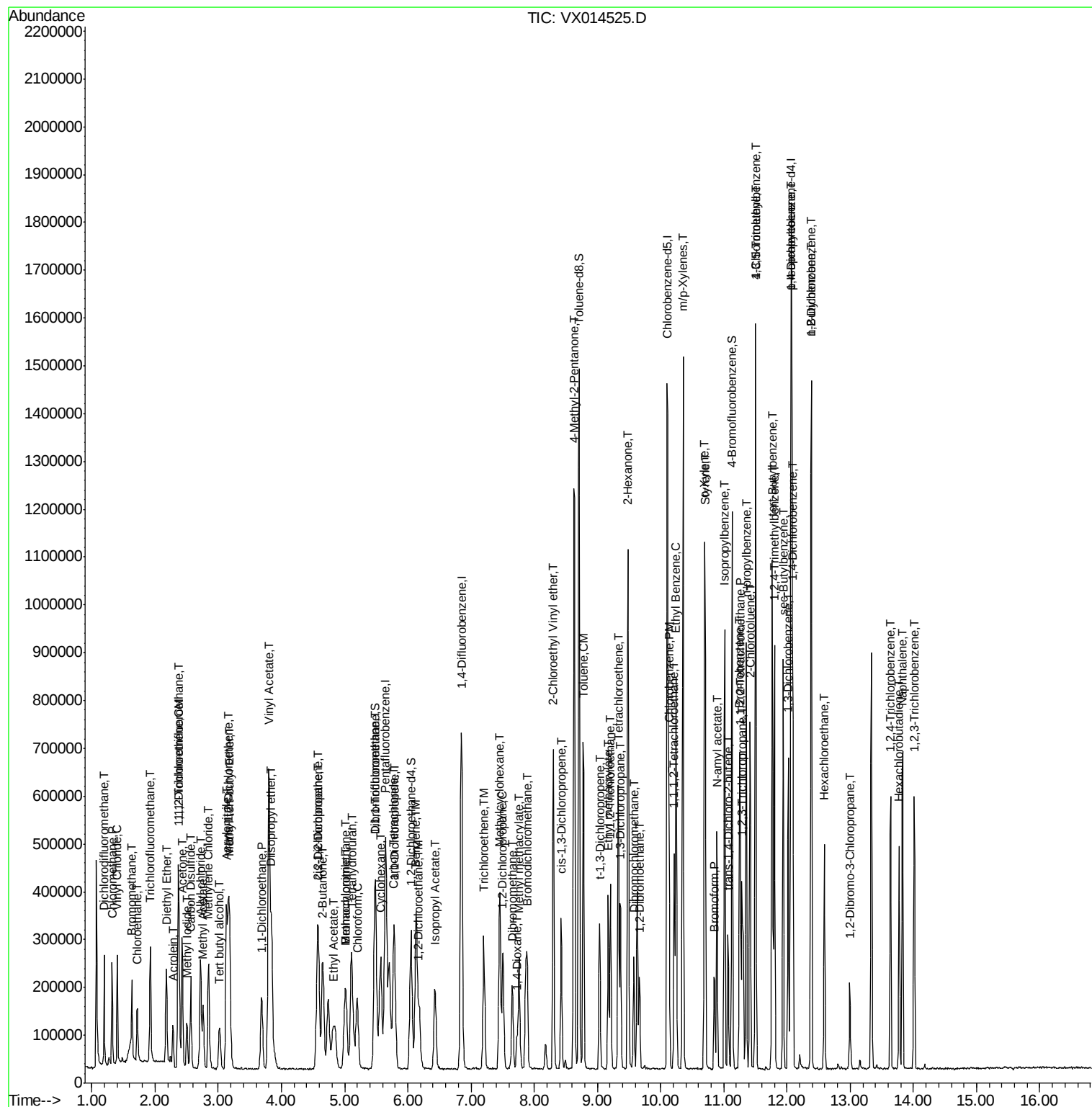
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 Data File : VX014525.D
 Acq On : 10 Jan 2020 10:16
 Operator : JC/SP
 Sample : VX0110WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

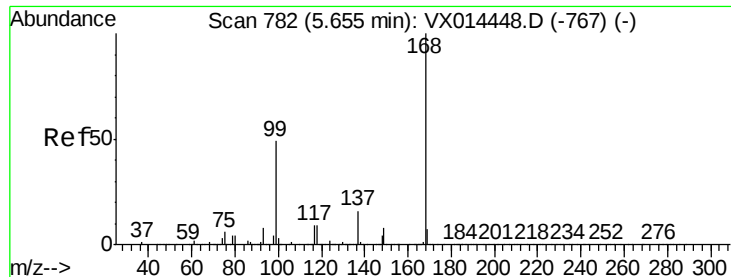
Instrument :
 MSVOA_X
 Client Sampled :
 VX0110WBS01

Manual Integrations
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 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
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#1

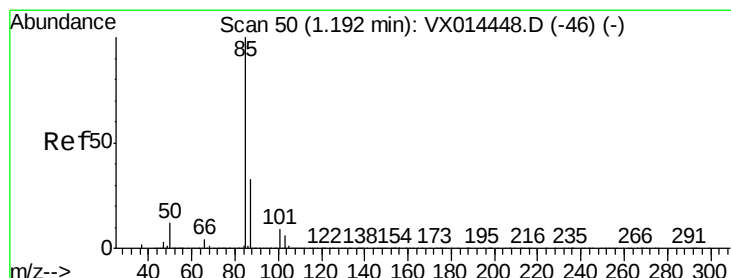
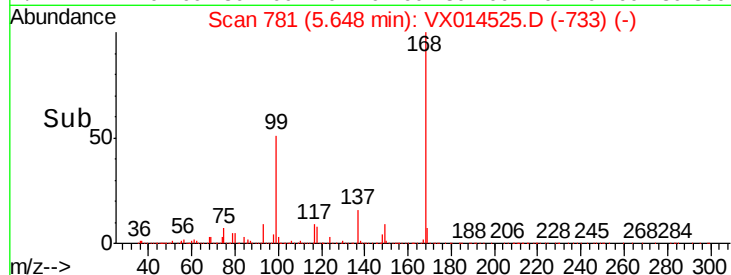
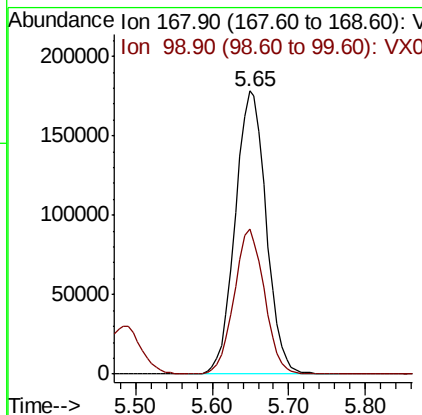
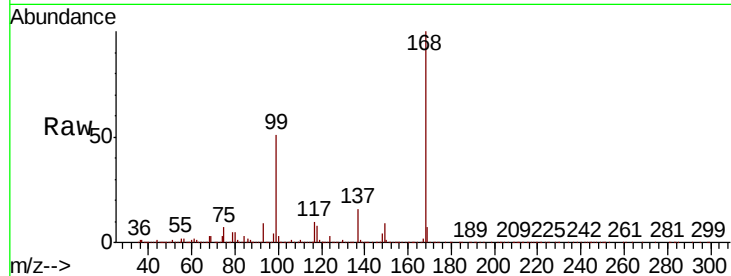
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.01 min
Lab File: VX014525.D
Acq: 10 Jan 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	51.1	39.2	58.8

Manual Integrations
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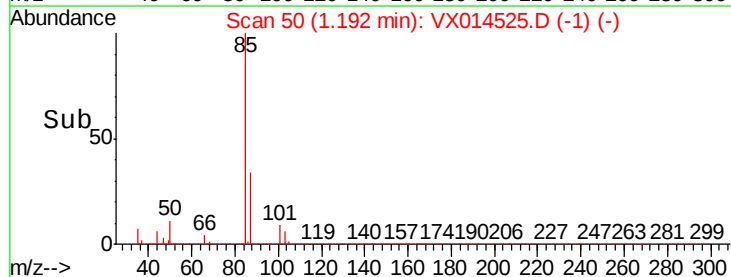
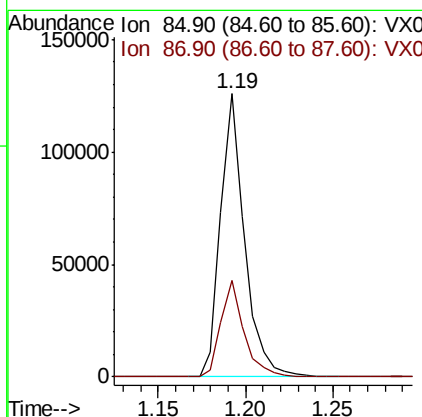
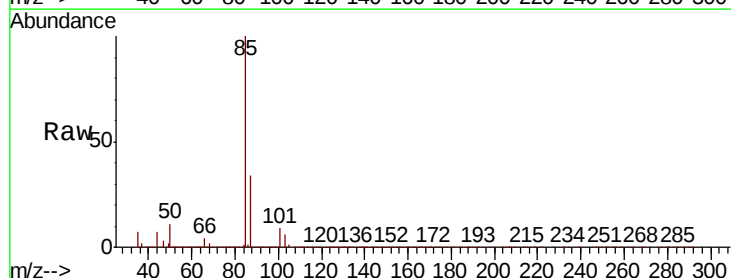
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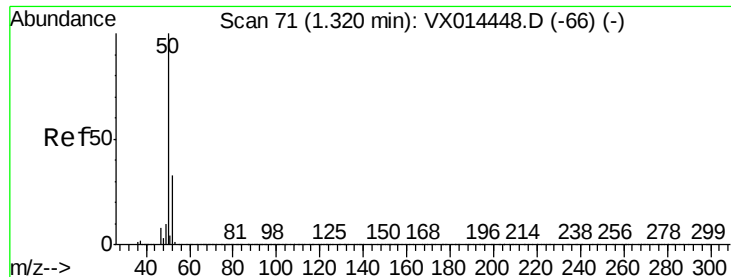


#2

Dichlorodifluoromethane
Concen: 19.483 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX014525.D
Acq: 10 Jan 2020 10:16

Tgt Ion	Ratio	Lower	Upper
85	100		
87	34.0	16.5	49.5





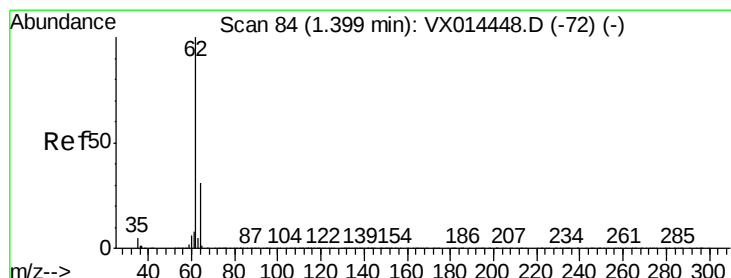
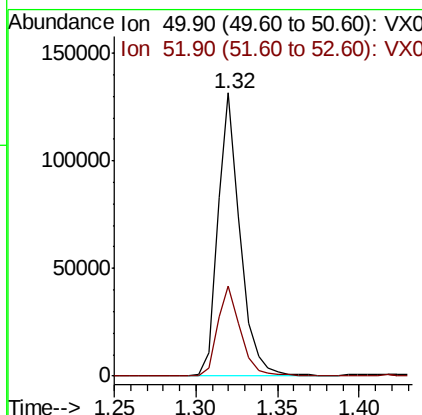
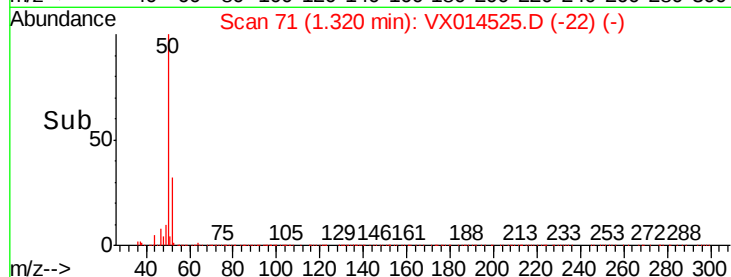
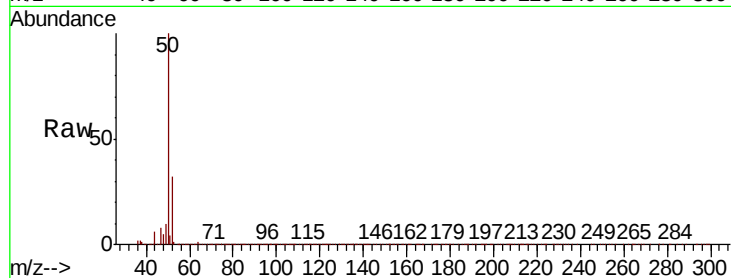
#3
Chloromethane
Concen: 19.453 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX014525.D
Acq: 10 Jan 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS01

Tot Ion	Ratio	Lower	Upper
50	100		
52	31.8	26.1	39.1

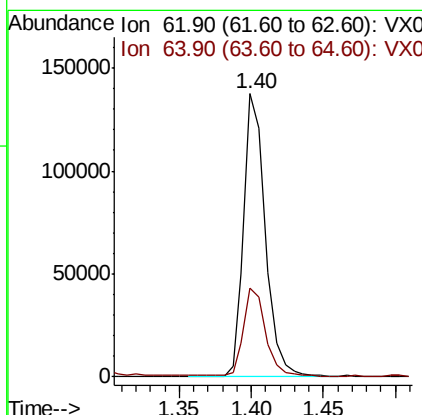
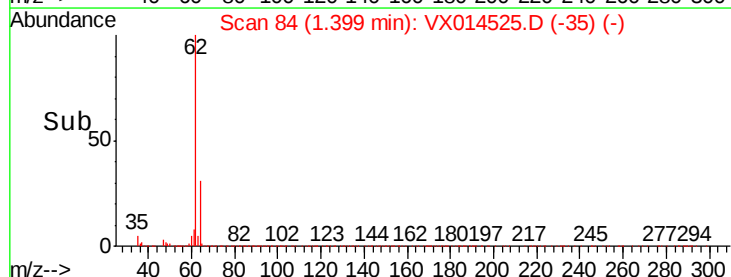
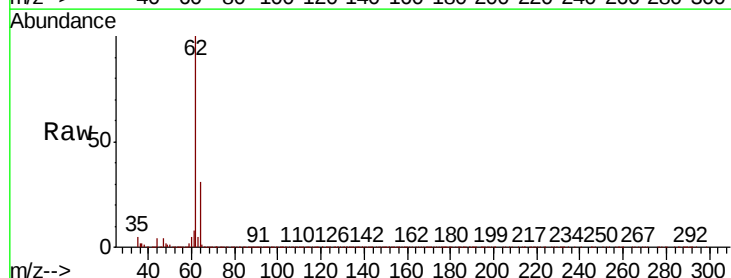
Manual Integrations
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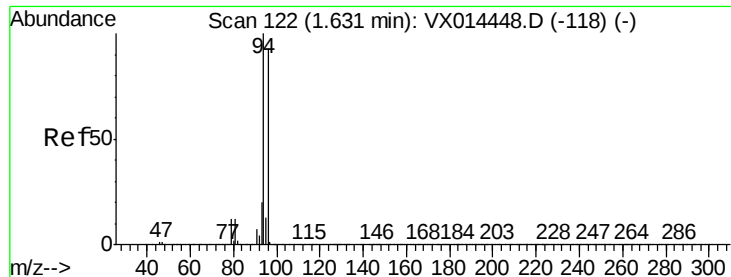
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#4
Vinyl Chloride
Concen: 20.277 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX014525.D
Acq: 10 Jan 2020 10:16

Tgt Ion	Ratio	Lower	Upper
62	100		
64	30.9	24.6	37.0





#5

Bromomethane

Concen: 16.502 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014525.D

Acq: 10 Jan 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBS01

Tot Ion: 94 Resp: 77761

Ion Ratio Lower Upper

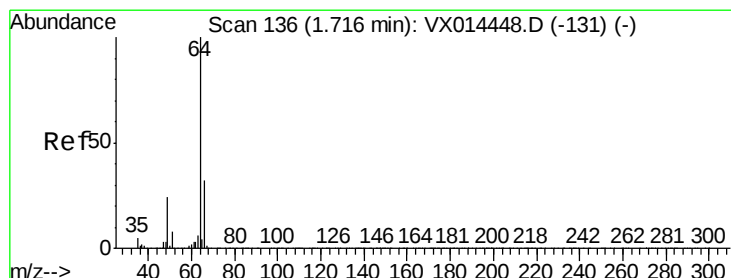
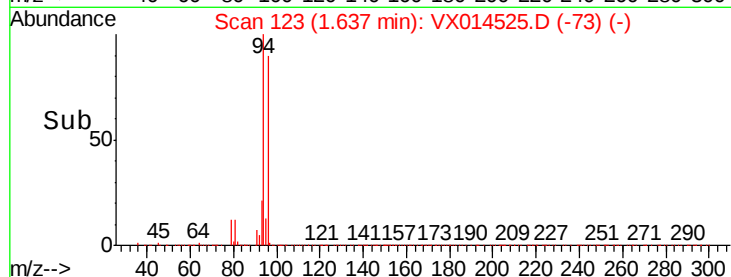
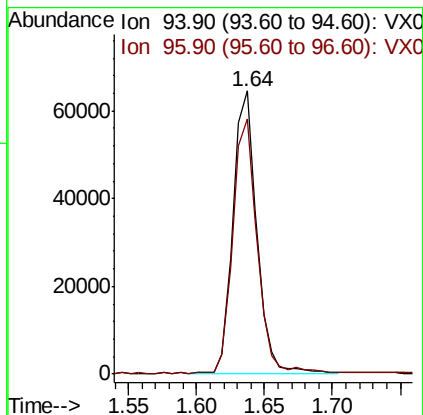
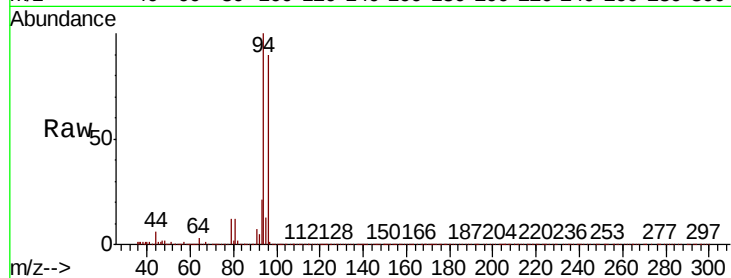
94 100

96 90.0 74.2 111.2

Manual Integrations
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1/13/2020 11:34:31 AM



#6

Chloroethane

Concen: 19.646 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX014525.D

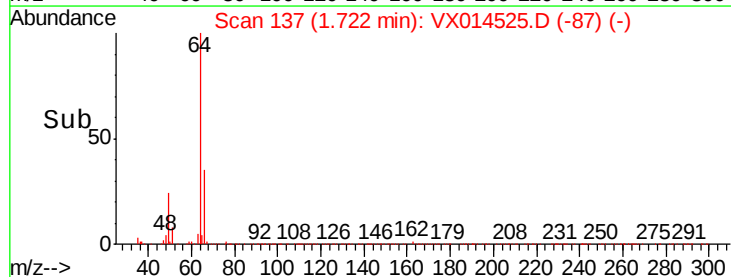
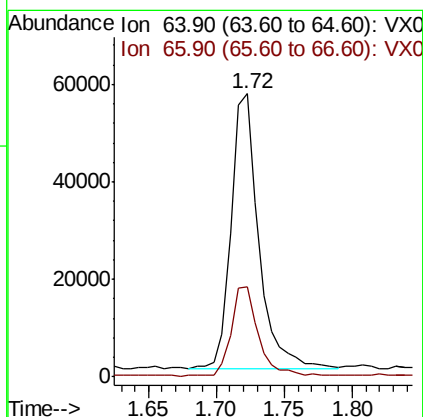
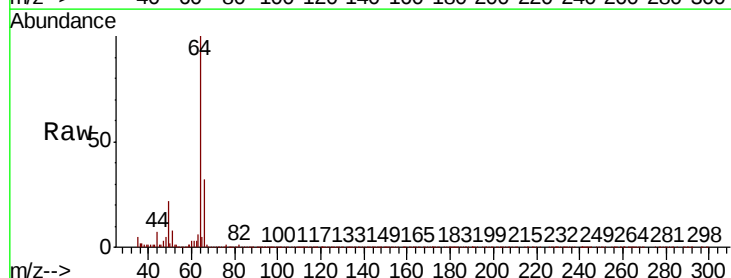
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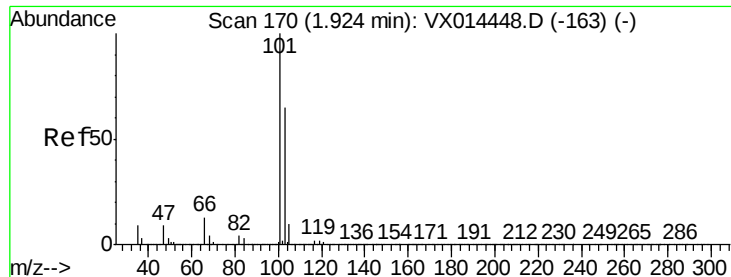
Tgt Ion: 64 Resp: 79132

Ion Ratio Lower Upper

64 100

66 32.5 25.3 37.9





#7

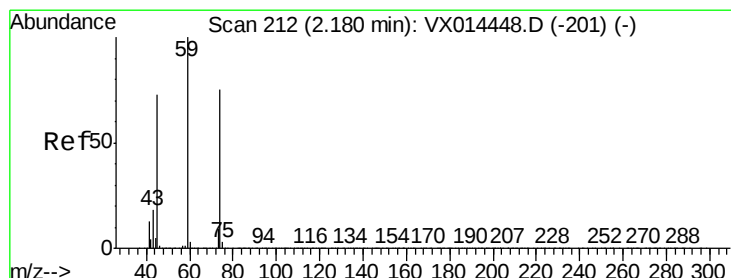
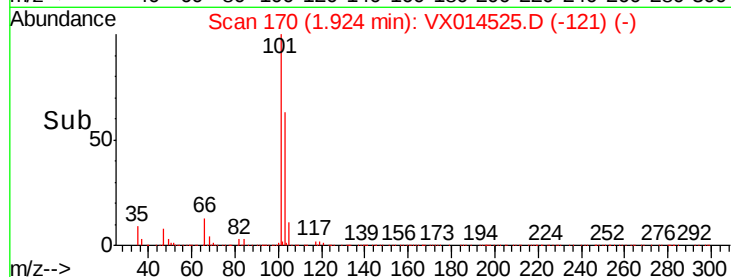
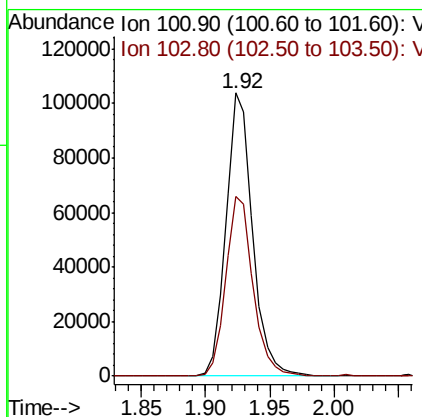
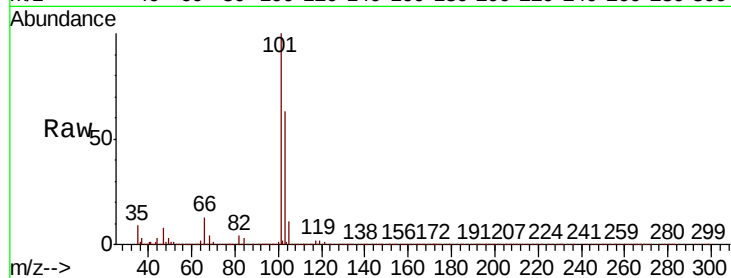
Trichlorofluoromethane
Concen: 18.618 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX014525.D
Acq: 10 Jan 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		150137		
103	63.4	52.2	78.4		

Manual Integrations
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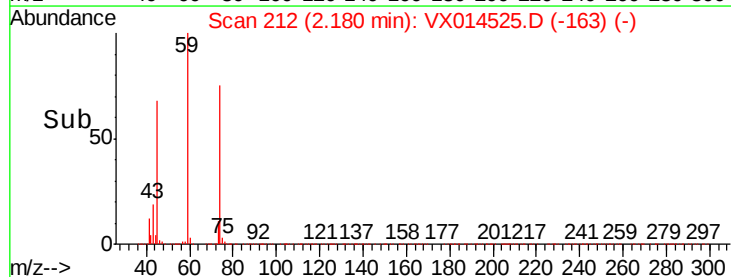
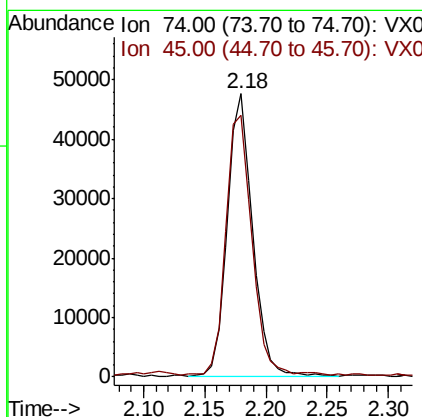
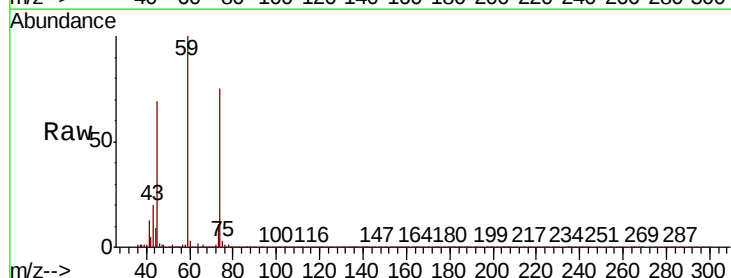
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1/13/2020 11:34:31 AM

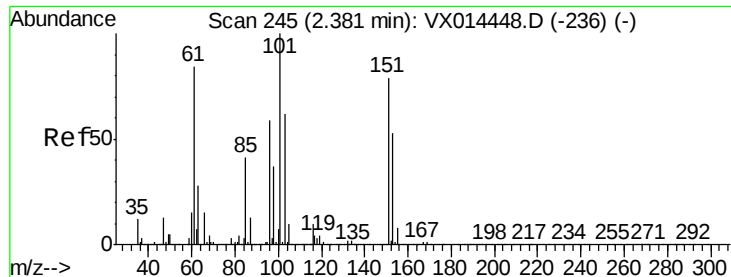


#8

Diethyl Ether
Concen: 18.353 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014525.D
Acq: 10 Jan 2020 10:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		67519		
45	95.0	48.7	146.1		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.829 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX014525.D

Acq: 10 Jan 2020 10:16

Instrument :

MSVOA_X

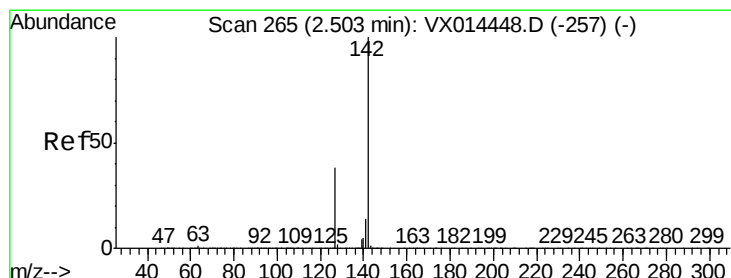
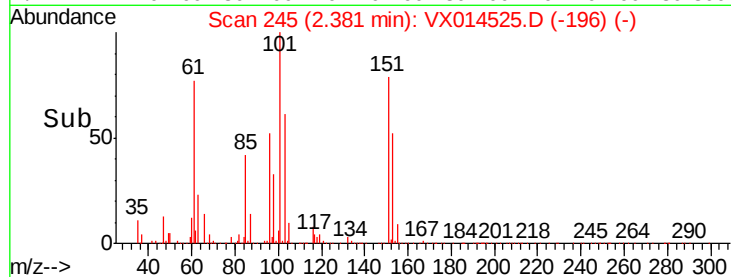
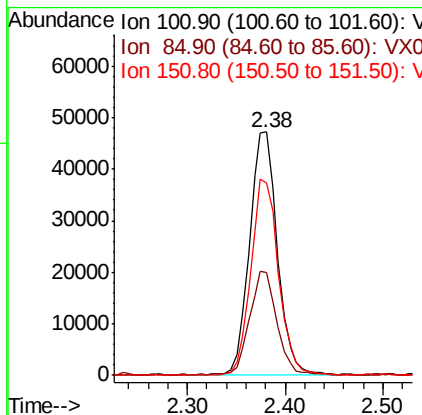
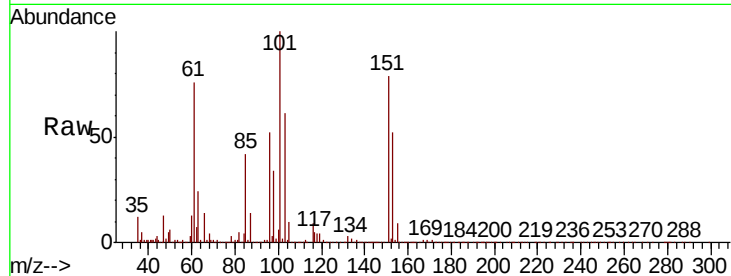
ClientSampleId :

VX0110WBS01

Tot Ion:	101	Resp:	92374
Ion Ratio	Lower	Upper	
101	100		
85	41.8	33.8	50.8
151	80.3	65.3	97.9

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#10

Methyl Iodide

Concen: 17.505 ug/l

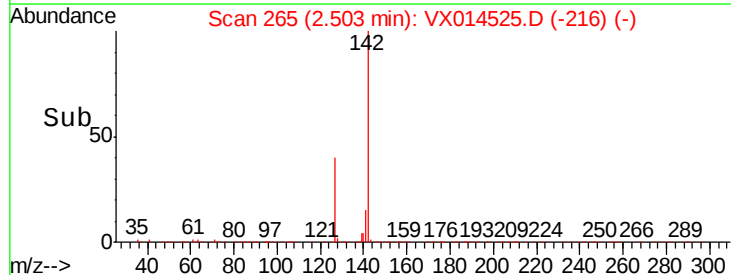
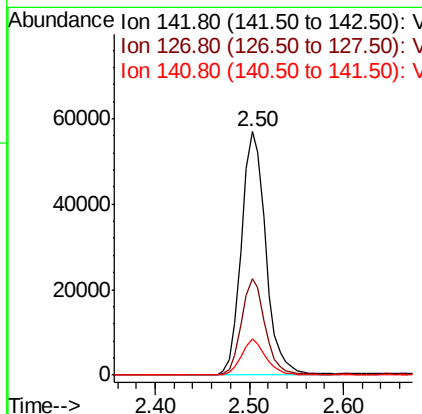
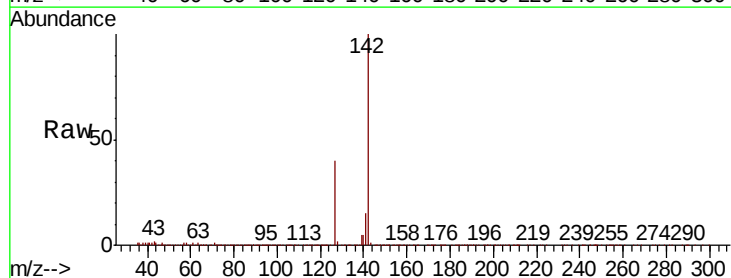
RT: 2.50 min Scan# 265

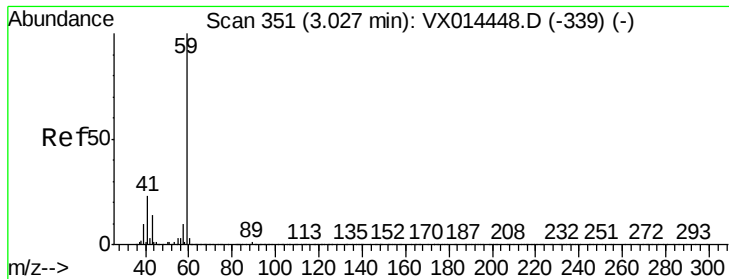
Delta R.T. -0.00 min

Lab File: VX014525.D

Acq: 10 Jan 2020 10:16

Tgt Ion:	142	Resp:	102836
Ion Ratio	Lower	Upper	
142	100		
127	39.1	31.2	46.8
141	14.7	11.4	17.2





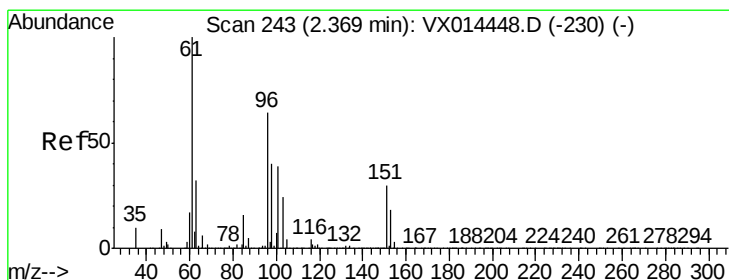
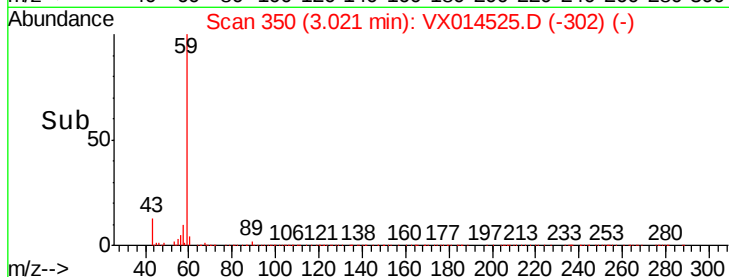
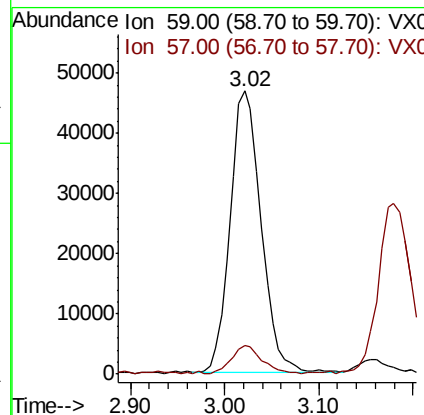
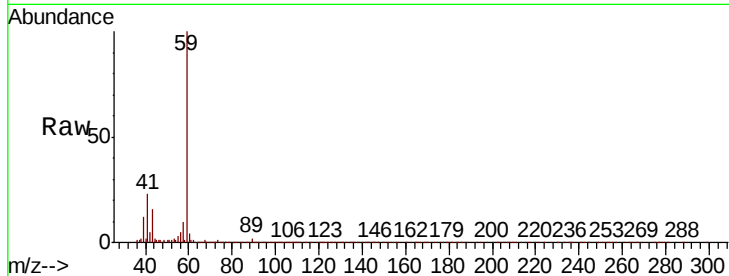
#11
Tert butyl alcohol
Concen: 91.881 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014525.D
Acq: 10 Jan 2020 10:16

Instrument :
MSVOA_X
ClientSampled :
VX0110WBS01

Tot Ion: 59 Resp: 107183
Ion Ratio Lower Upper
59 100
57 9.3 8.5 12.7

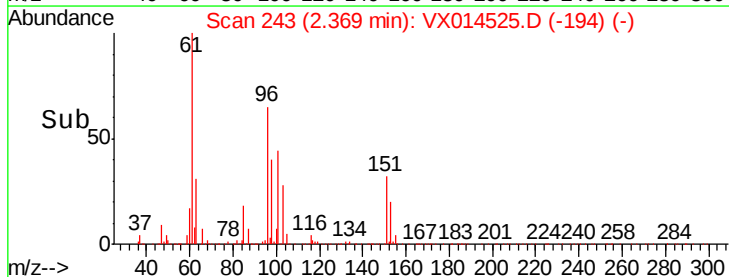
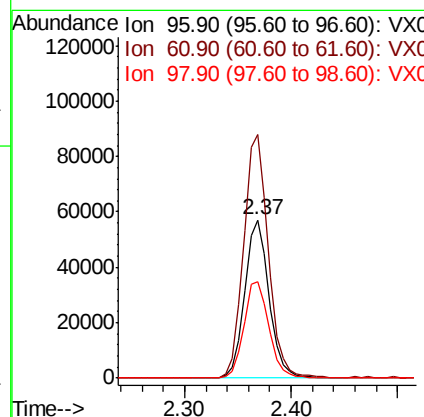
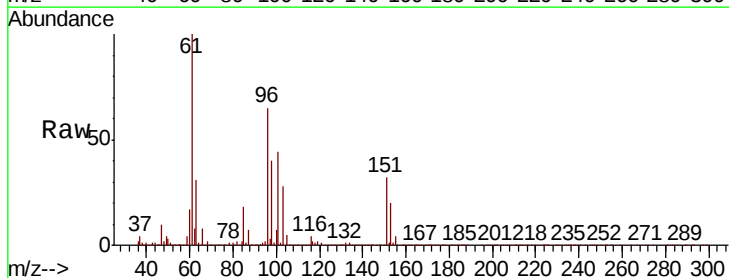
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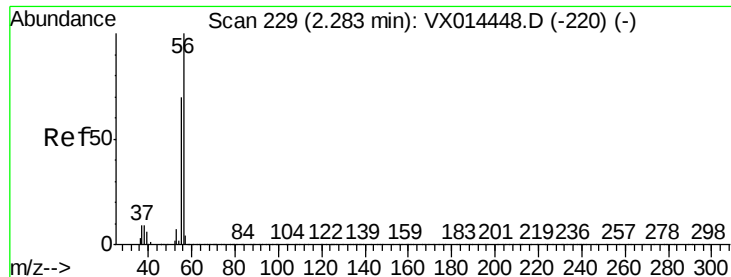
MMDadoda
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#12
1,1-Dichloroethene
Concen: 18.627 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014525.D
Acq: 10 Jan 2020 10:16

Tgt Ion: 96 Resp: 92073
Ion Ratio Lower Upper
96 100
61 153.7 125.0 187.6
98 60.9 50.2 75.2





#13

Acrolein

Concen: 69.693 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX014525.D

Acq: 10 Jan 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBS01

Tot Ion: 56 Resp: 65164

Ion Ratio Lower Upper

56 100

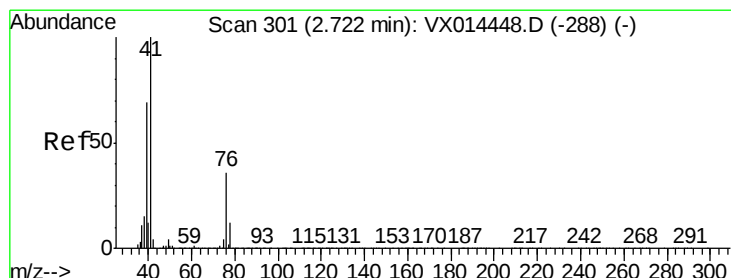
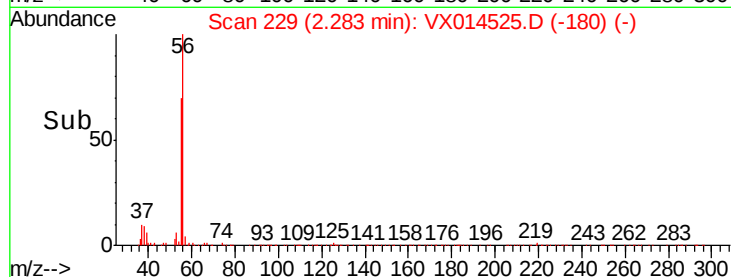
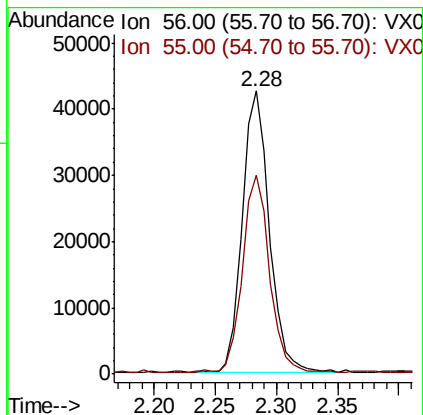
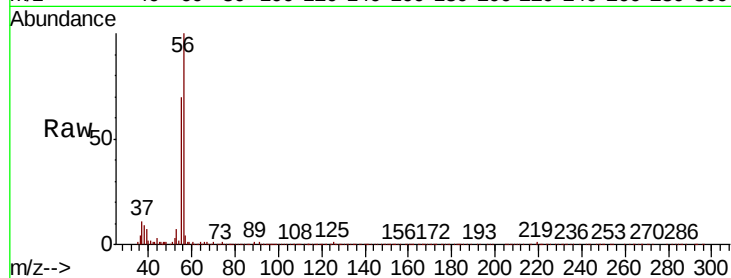
55 69.9 55.0 82.6

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#14

Allyl chloride

Concen: 18.461 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX014525.D

Acq: 10 Jan 2020 10:16

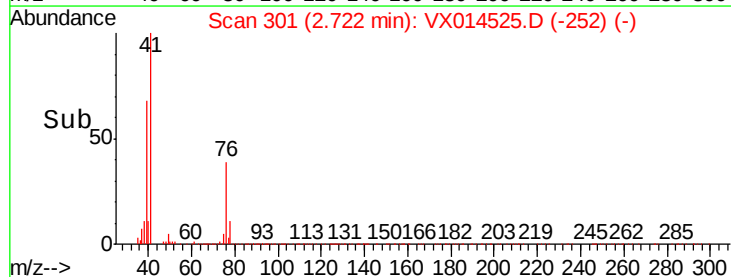
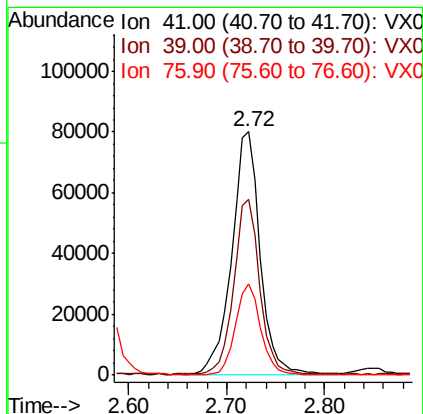
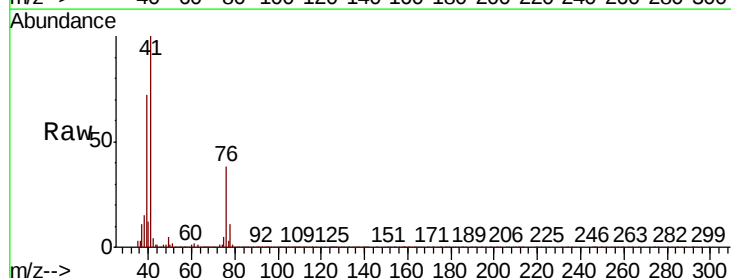
Tgt Ion: 41 Resp: 160203

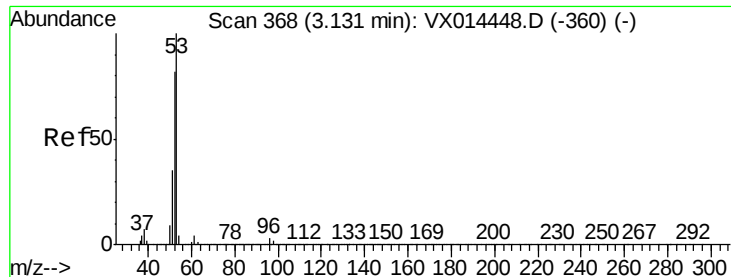
Ion Ratio Lower Upper

41 100

39 65.8 51.7 77.5

76 32.9 26.8 40.2





#15

Acrylonitrile

Concen: 93.630 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX014525.D

Acq: 10 Jan 2020 10:16

Instrument :

MSVOA_X

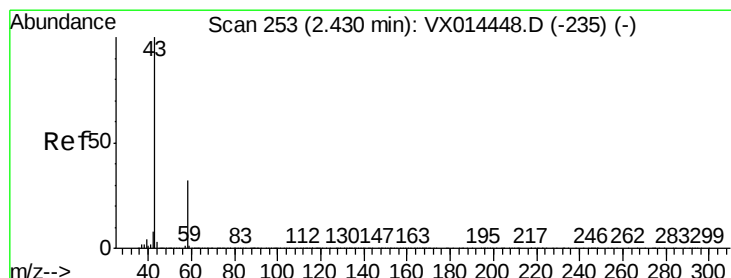
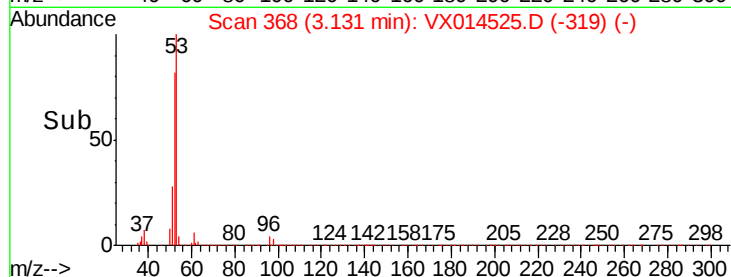
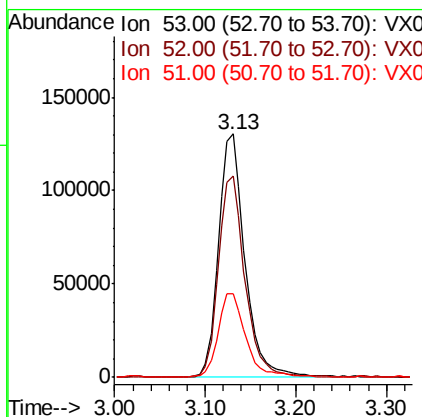
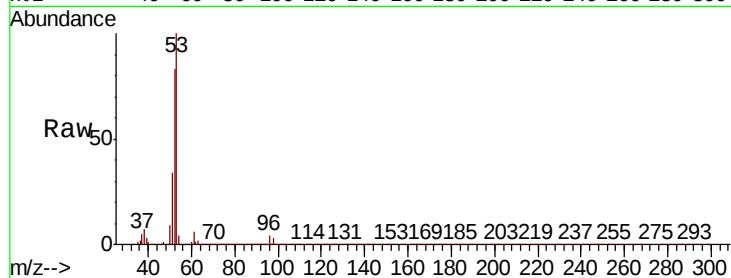
ClientSampleId :

VX0110WBS01

Tot Ion:	53	Resp:	263615
Ion Ratio		Lower	Upper
53	100		
52	83.3	67.0	100.4
51	36.5	28.5	42.7

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#16

Acetone

Concen: 98.296 ug/l

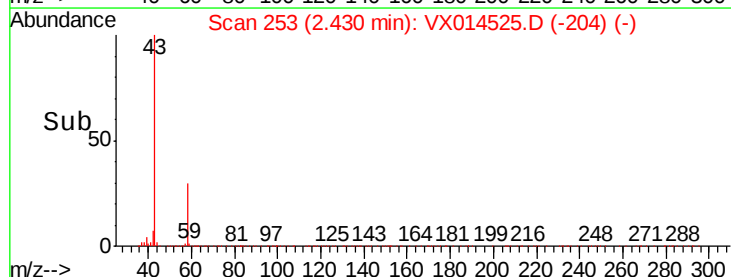
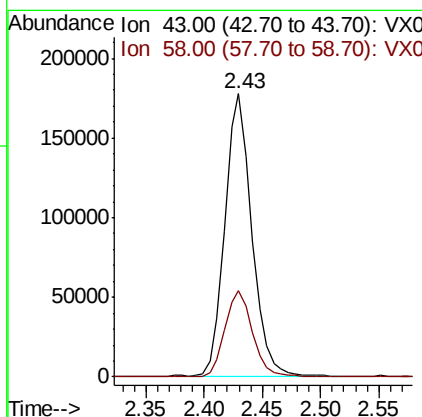
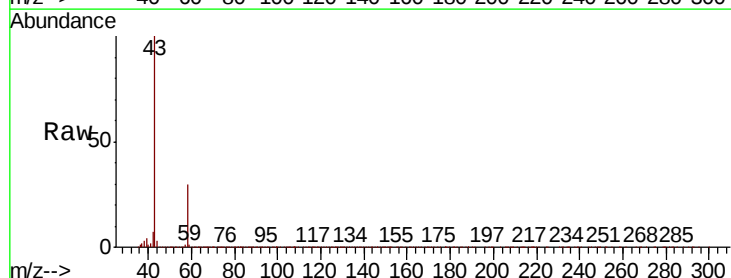
RT: 2.43 min Scan# 253

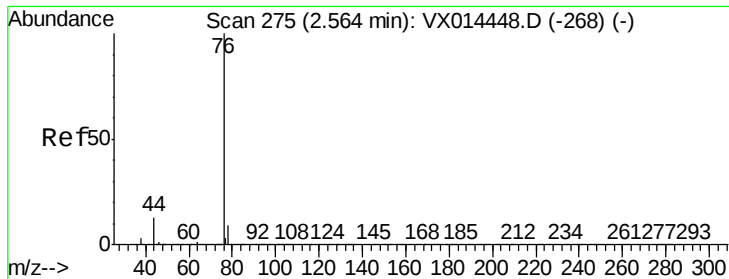
Delta R.T. 0.00 min

Lab File: VX014525.D

Acq: 10 Jan 2020 10:16

Tgt Ion:	43	Resp:	282460
Ion Ratio		Lower	Upper
43	100		
58	30.4	25.4	38.0





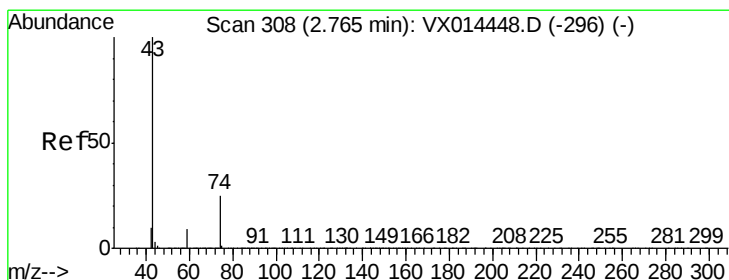
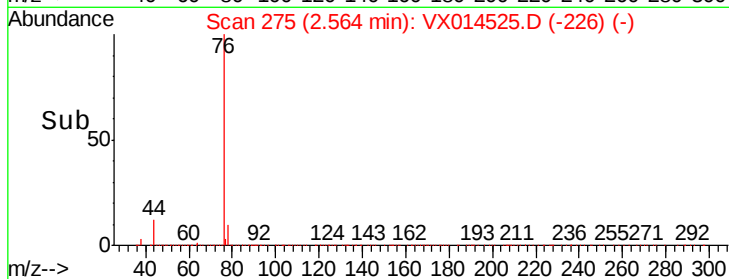
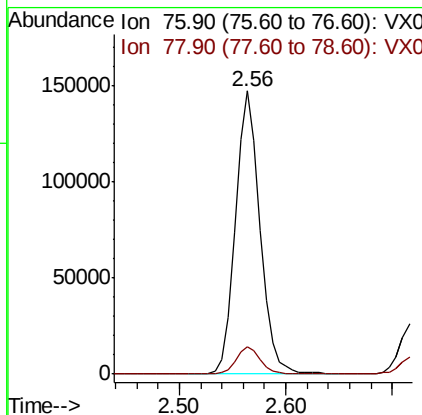
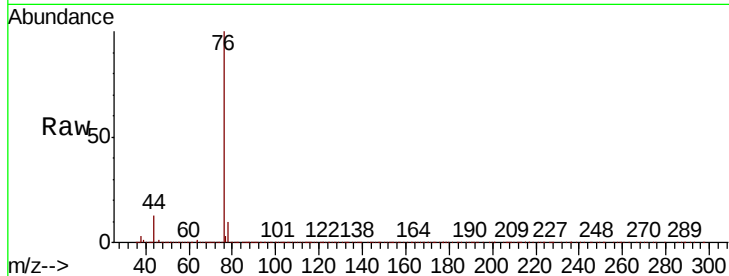
#17
Carbon Disulfide
Concen: 17.176 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.00 min
Lab File: VX014525.D
Acq: 10 Jan 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.4	11.2

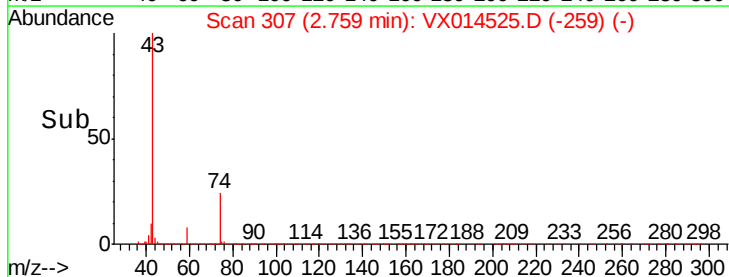
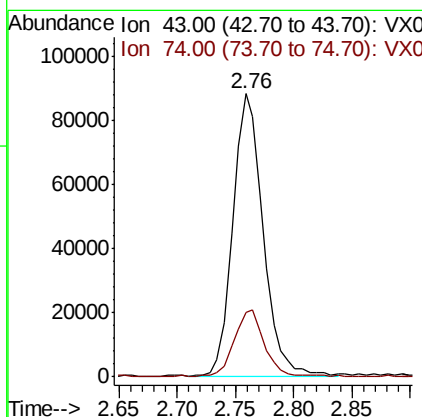
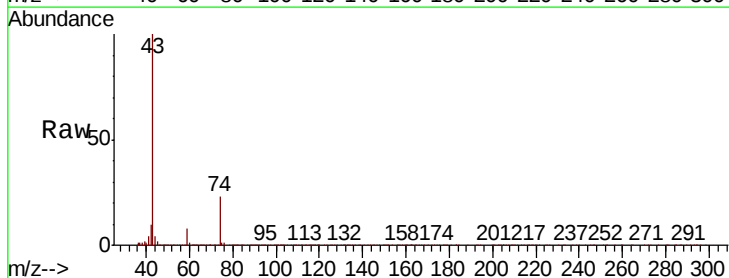
Manual Integrations
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MMDadoda
1/13/2020 11:34:31 AM



#18
Methyl Acetate
Concen: 19.776 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014525.D
Acq: 10 Jan 2020 10:16

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.6	19.4	29.2





#19

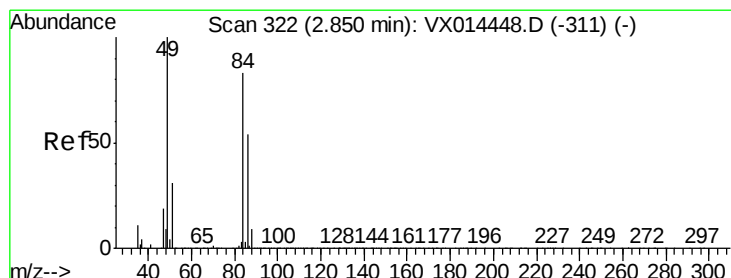
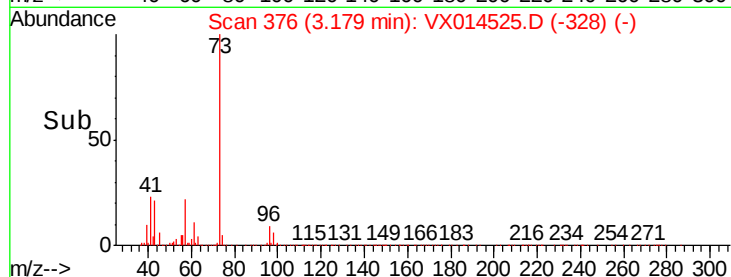
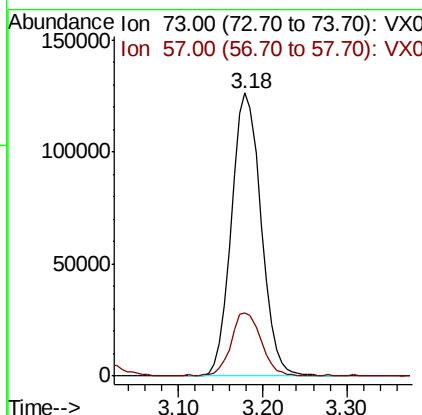
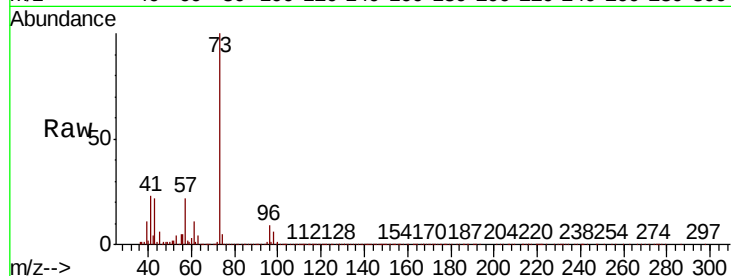
Methyl tert-butyl Ether
 Concen: 18.861 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014525.D
 Acq: 10 Jan 2020 10:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.8	26.8

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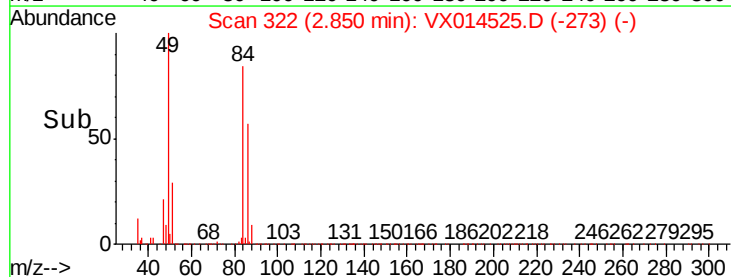
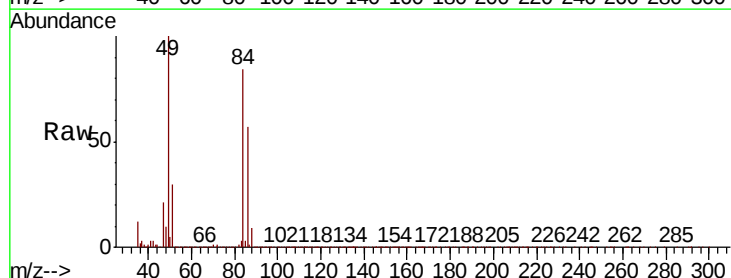
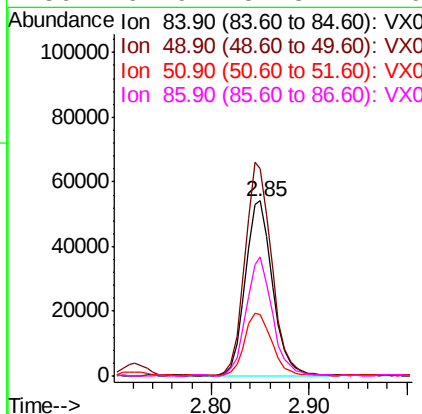
MMDadoda
 1/13/2020 11:34:31 AM

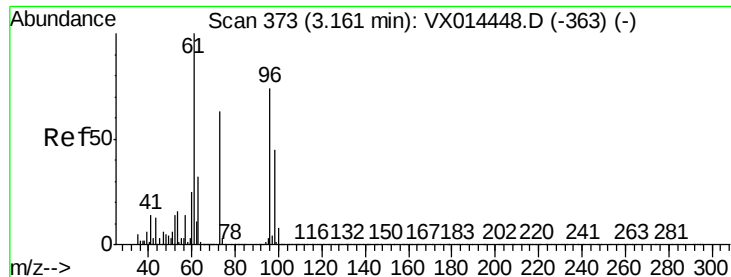


#20

Methylene Chloride
 Concen: 18.573 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. -0.00 min
 Lab File: VX014525.D
 Acq: 10 Jan 2020 10:16

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.3	95.8	143.8
51	34.8	30.2	45.4
86	67.9	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 18.117 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014525.D

Acq: 10 Jan 2020 10:16

Instrument :

MSVOA_X

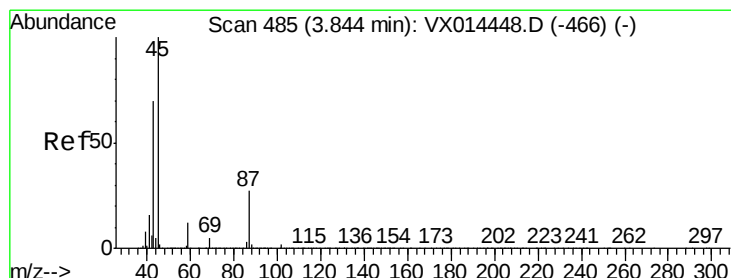
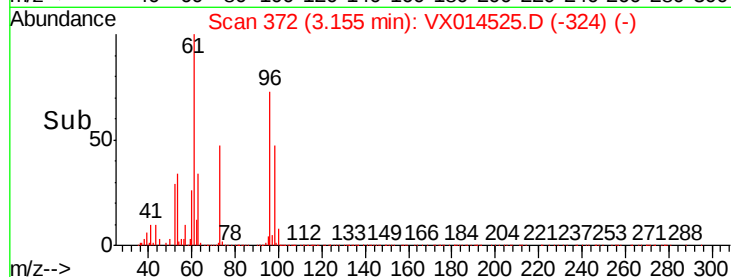
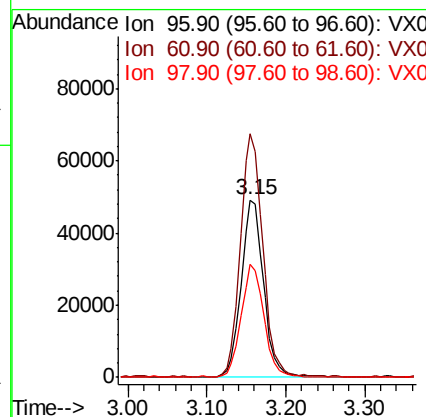
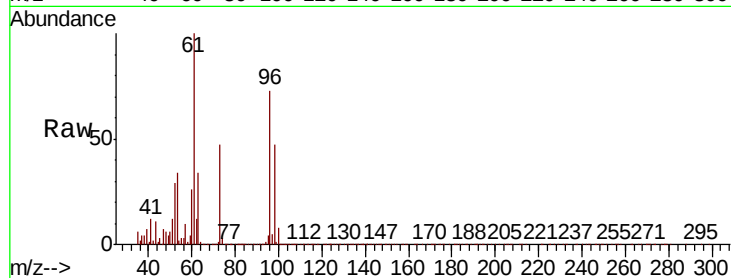
ClientSampleId :

VX0110WBS01

Tot Ion:	96	Resp:	97764
Ion	Ratio	Lower	Upper
96	100		
61	137.3	108.2	162.4
98	63.9	48.8	73.2

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#22

Diisopropyl ether

Concen: 19.451 ug/l

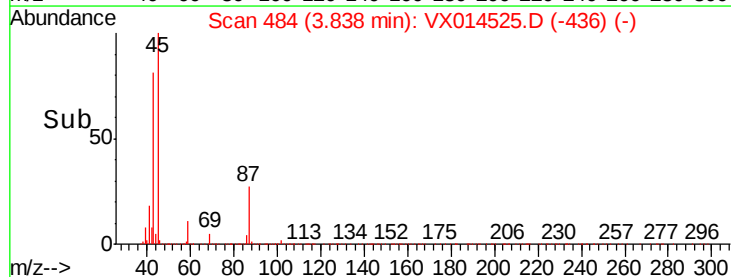
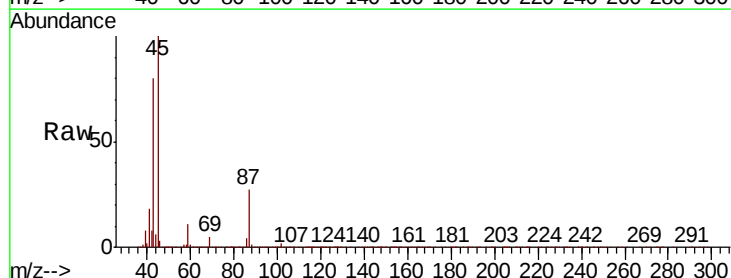
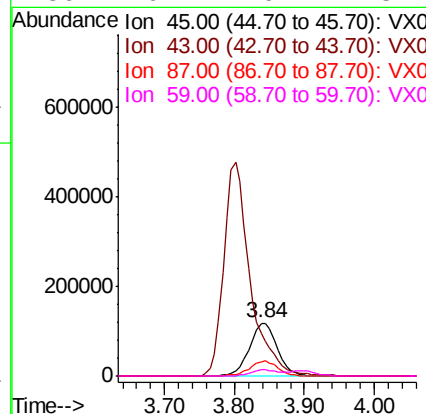
RT: 3.84 min Scan# 484

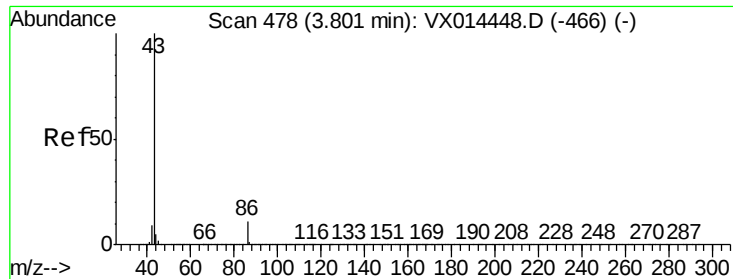
Delta R.T. -0.01 min

Lab File: VX014525.D

Acq: 10 Jan 2020 10:16

Tgt Ion:	45	Resp:	326205
Ion	Ratio	Lower	Upper
45	100		
43	80.4	55.8	83.6
87	26.8	21.8	32.8
59	10.7	9.1	13.7





#23

Vinyl Acetate

Concen: 96.757 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX014525.D

Acq: 10 Jan 2020 10:16

Instrument :

MSVOA_X

ClientSampled :

VX0110WBS01

Tot Ion: 43 Resp: 1256307

Ion Ratio Lower Upper

43 100

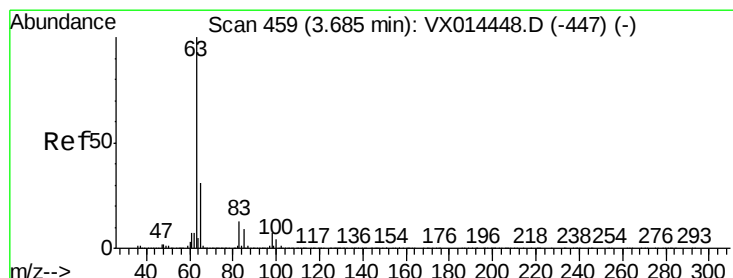
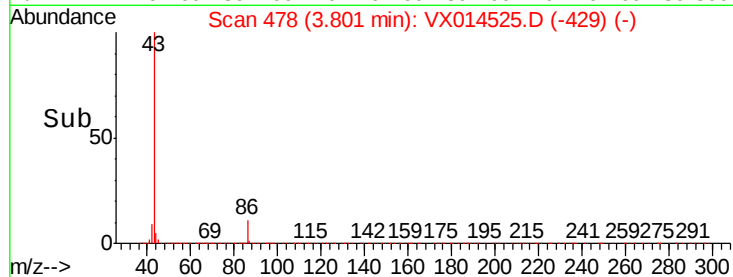
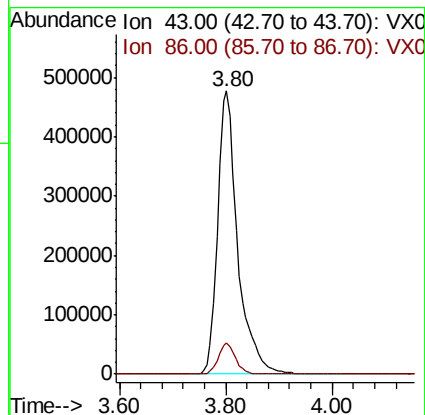
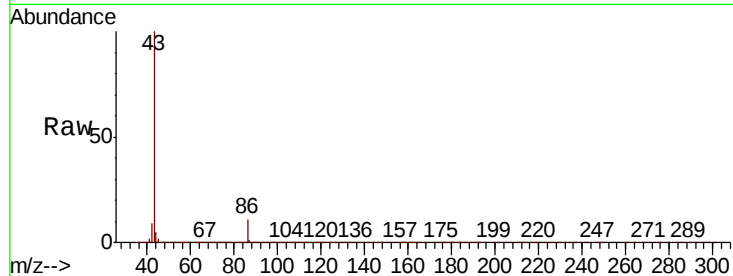
86 10.9 8.4 12.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.311 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX014525.D

Acq: 10 Jan 2020 10:16

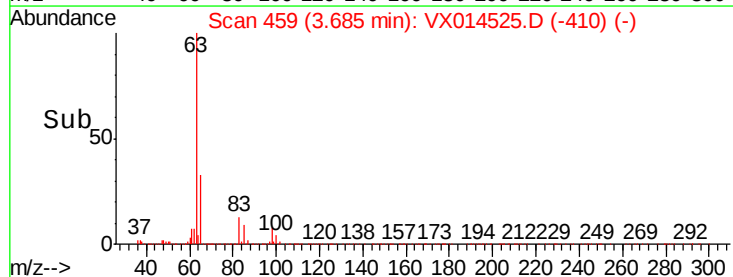
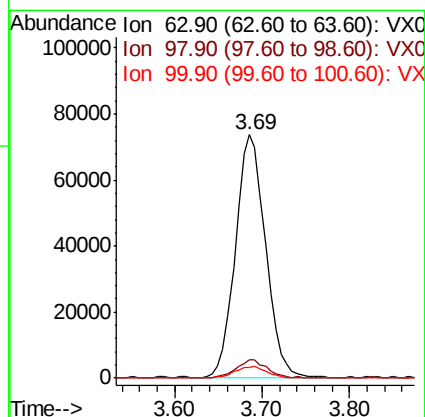
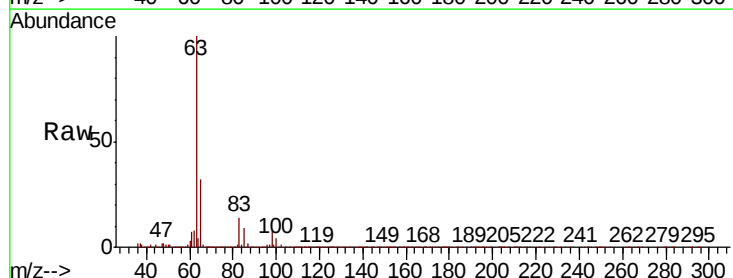
Tgt Ion: 63 Resp: 176177

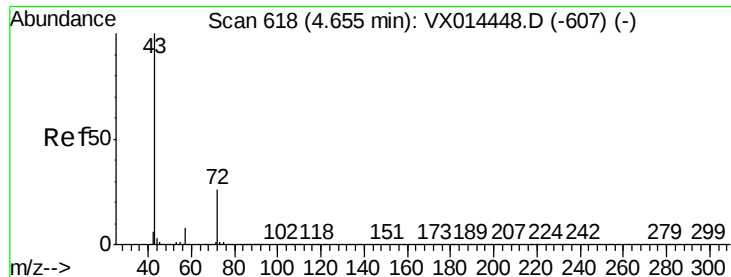
Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.9

100 4.3 2.3 6.8





#25

2-Butanone

Concen: 93.660 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX014525.D

Acq: 10 Jan 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBS01

Tot Ion: 43 Resp: 390872

Ion Ratio Lower Upper

43 100

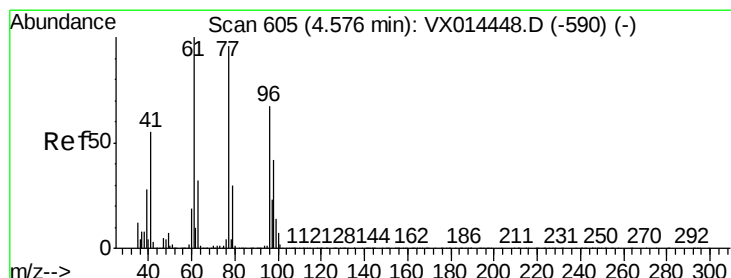
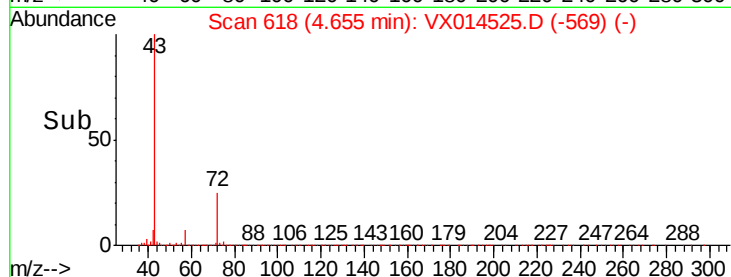
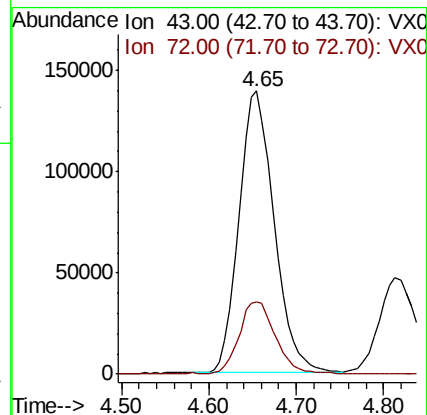
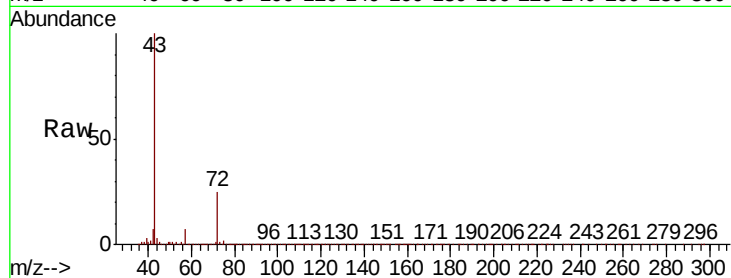
72 25.2 20.6 31.0

Manual Integrations

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1/13/2020 11:34:31 AM



#26

2,2-Dichloropropane

Concen: 17.925 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014525.D

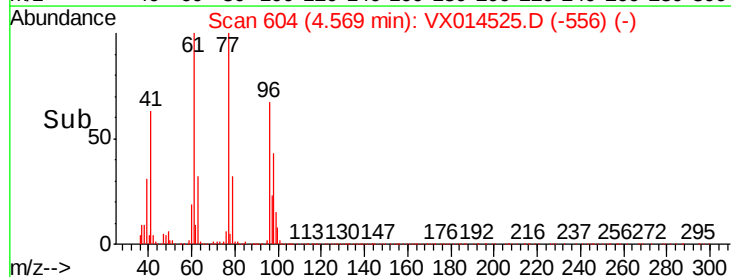
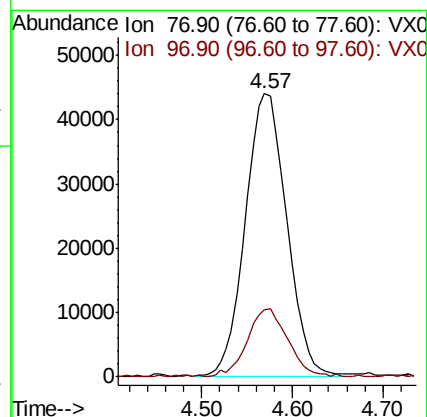
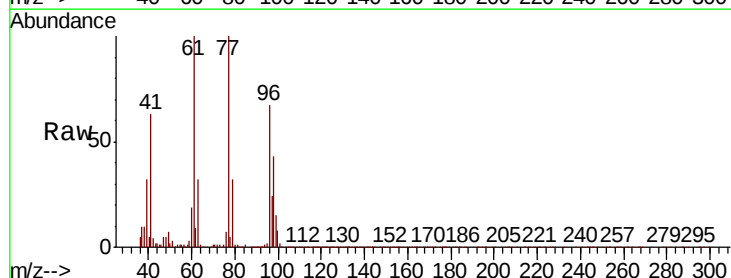
Acq: 10 Jan 2020 10:16

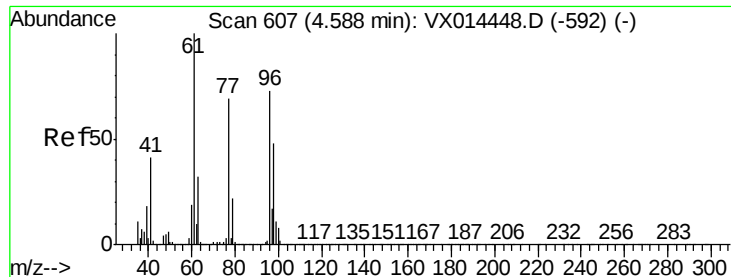
Tgt Ion: 77 Resp: 138534

Ion Ratio Lower Upper

77 100

97 23.9 11.7 35.1





#27

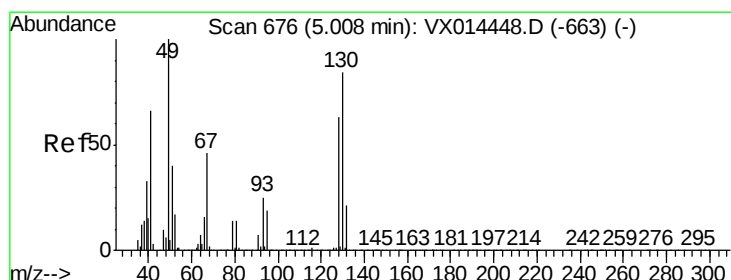
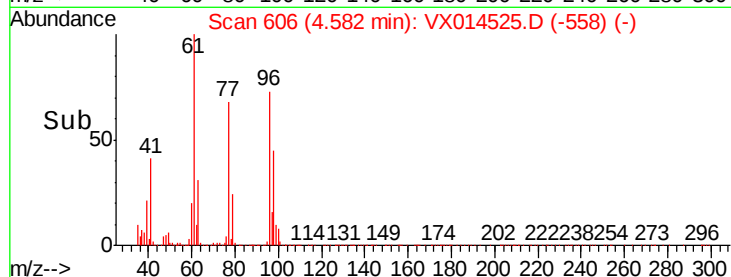
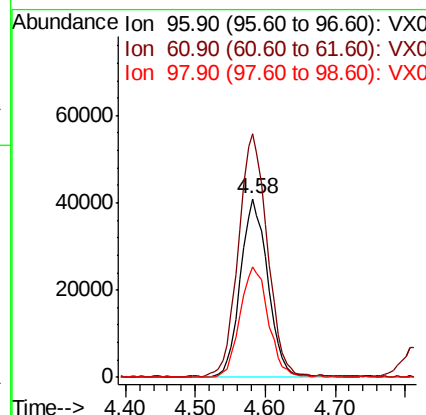
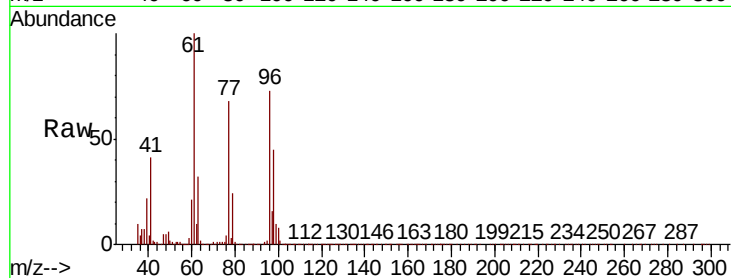
cis-1,2-Dichloroethene
Concen: 18.480 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014525.D
Acq: 10 Jan 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	111481		
61	142.2	0.0	285.4	
98	63.7	0.0	130.6	

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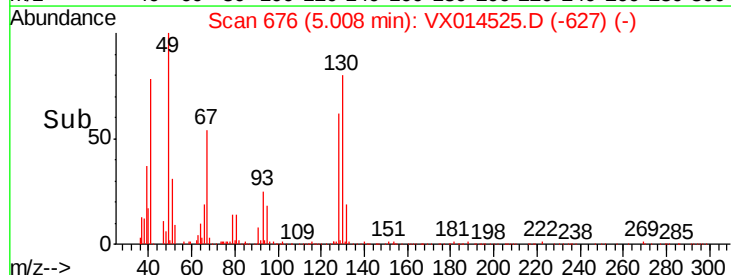
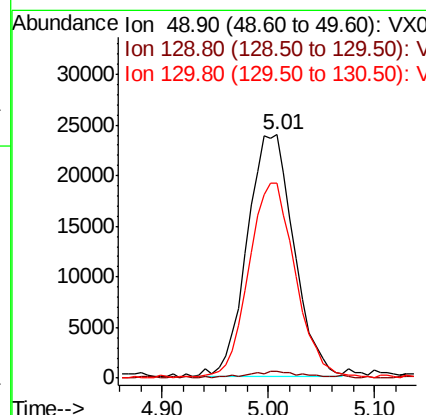
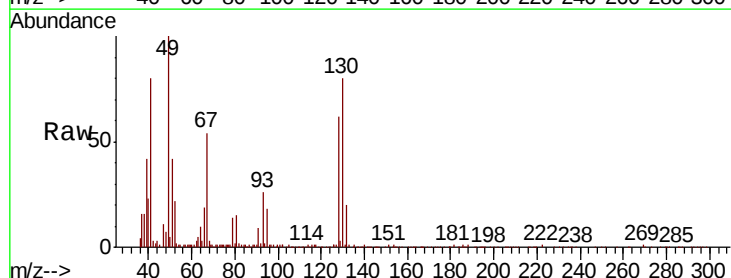
MMDadoda
1/13/2020 11:34:31 AM

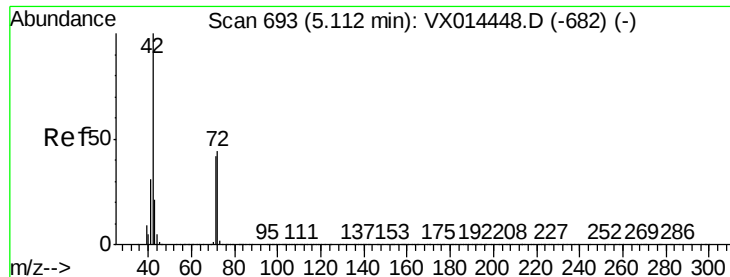


#28

Bromochloromethane
Concen: 19.193 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.00 min
Lab File: VX014525.D
Acq: 10 Jan 2020 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	73781		
129	2.6	0.0	4.4	
130	79.2	67.0	100.4	





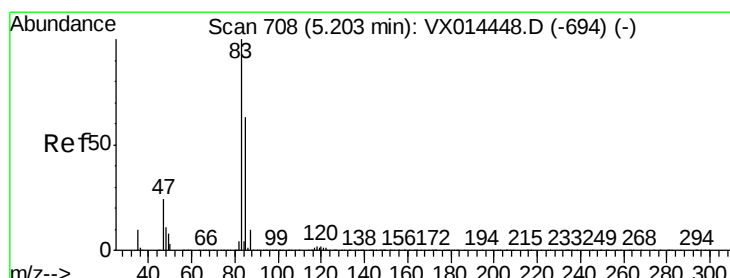
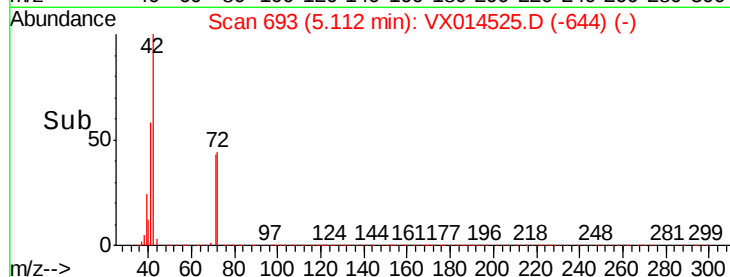
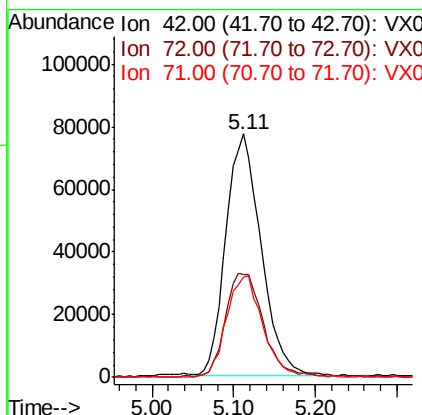
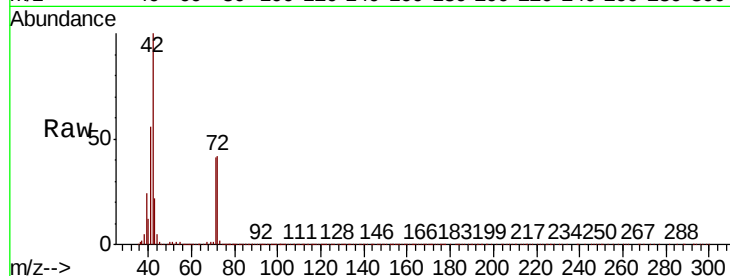
#29
Tetrahydrofuran
Concen: 93.205 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX014525.D
Acq: 10 Jan 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.1	36.2	54.4
71	43.1	34.1	51.1

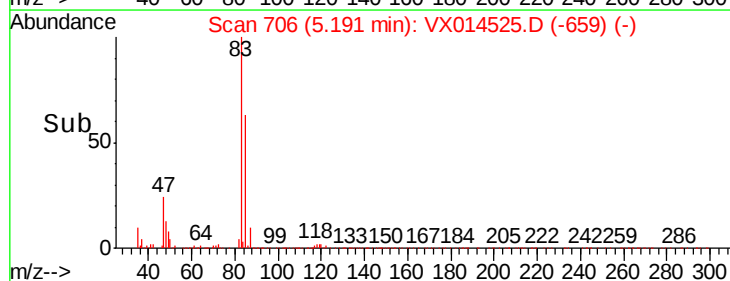
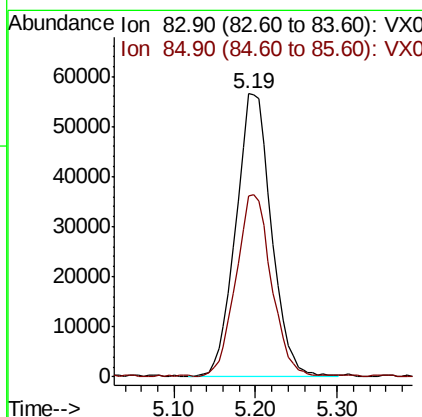
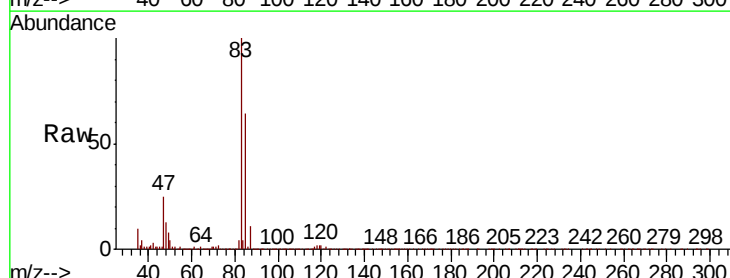
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#30
Chloroform
Concen: 19.262 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX014525.D
Acq: 10 Jan 2020 10:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.6	75.8





#31

Cyclohexane

Concen: 19.285 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX014525.D

Acq: 10 Jan 2020 10:16

Instrument :

MSVOA_X

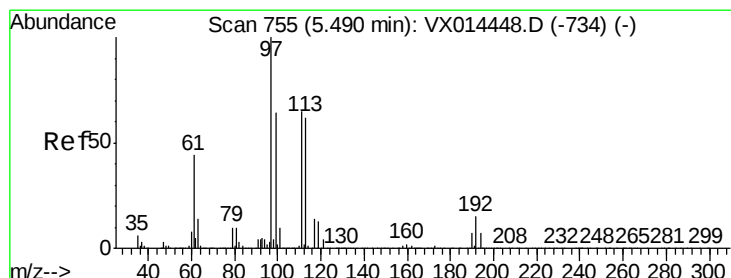
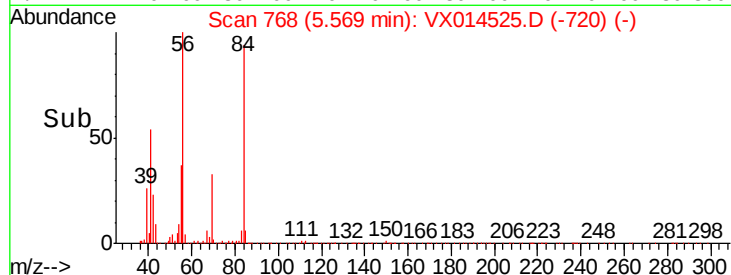
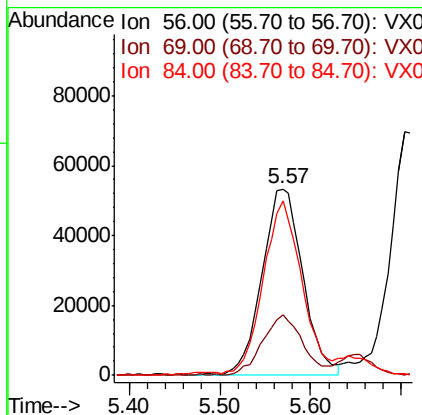
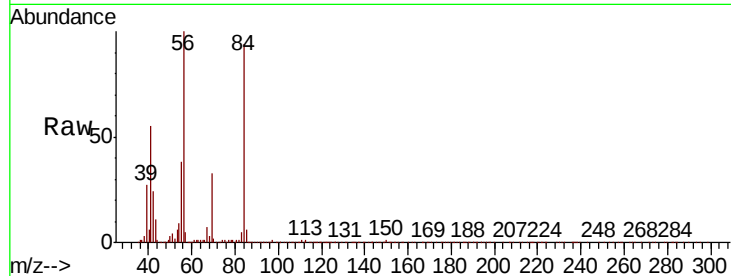
ClientSampleId :

VX0110WBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	32.4	24.4	36.6	
84	93.7	70.6	106.0	

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#32

1,1,1-Trichloroethane

Concen: 18.760 ug/l

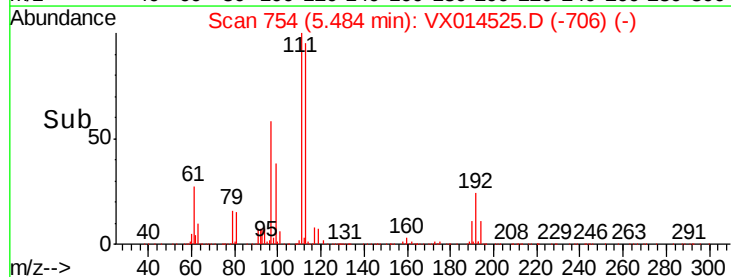
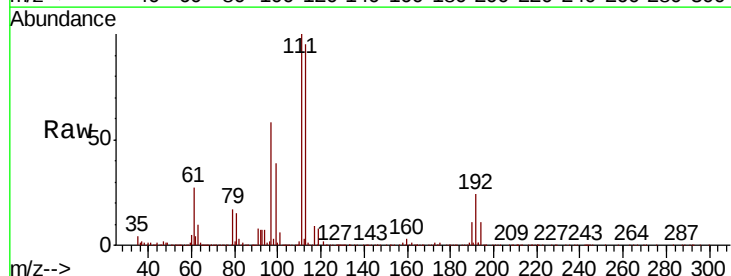
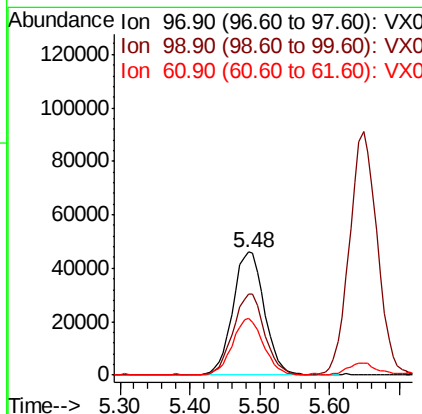
RT: 5.48 min Scan# 754

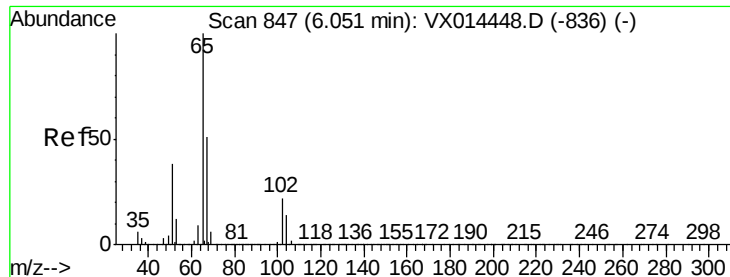
Delta R.T. -0.01 min

Lab File: VX014525.D

Acq: 10 Jan 2020 10:16

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	65.7	51.8	77.6	
61	45.1	35.9	53.9	





#33

1,2-Dichloroethane-d4

Concen: 47.352 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014525.D

Acq: 10 Jan 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBS01

Tot Ion: 65 Resp: 264552

Ion Ratio Lower Upper

65 100

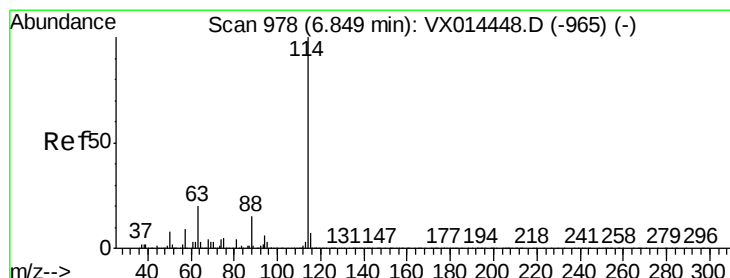
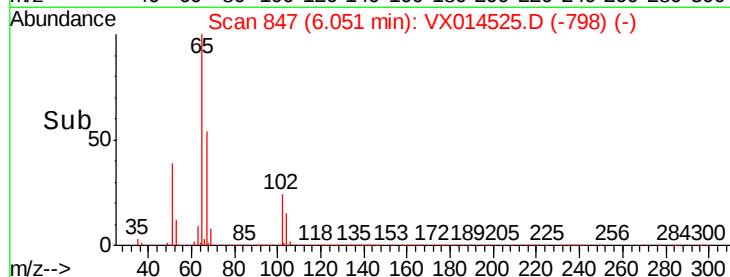
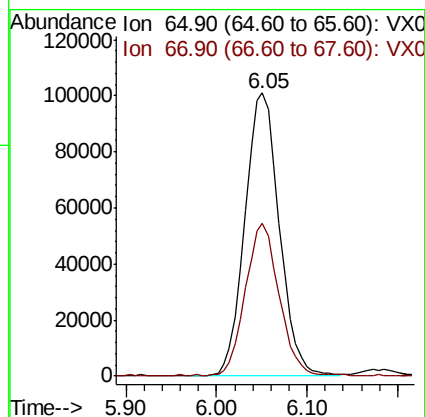
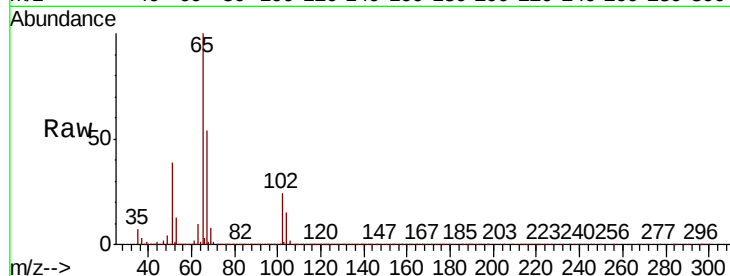
67 52.6 0.0 106.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014525.D

Acq: 10 Jan 2020 10:16

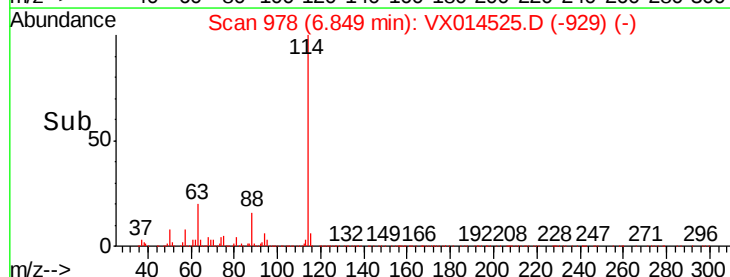
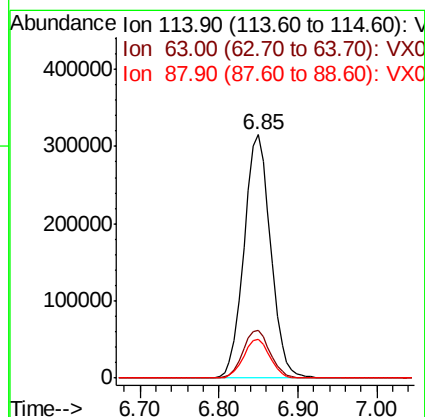
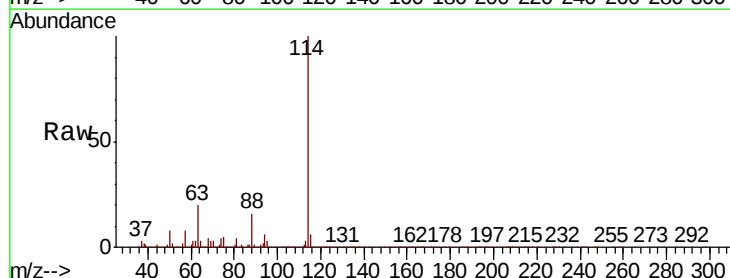
Tgt Ion: 114 Resp: 739681

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.6

88 15.8 0.0 30.8





#35

Dibromofluoromethane

Concen: 49.454 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014525.D

Acq: 10 Jan 2020 10:16

Instrument :

MSVOA_X

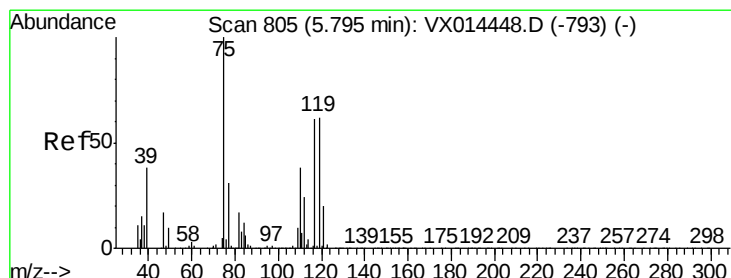
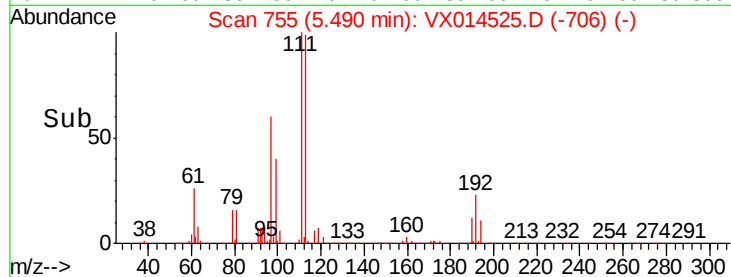
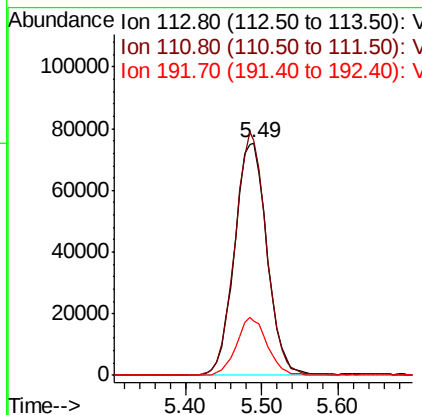
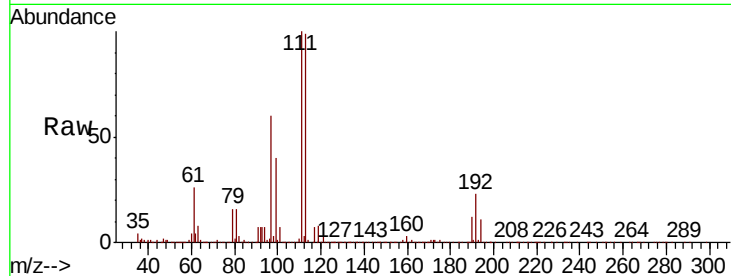
ClientSampleId :

VX0110WBS01

Tot Ion:	113	Resp:	221438
Ion Ratio	Lower	Upper	
113	100		
111	101.2	81.5	122.3
192	23.5	19.2	28.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.633 ug/l

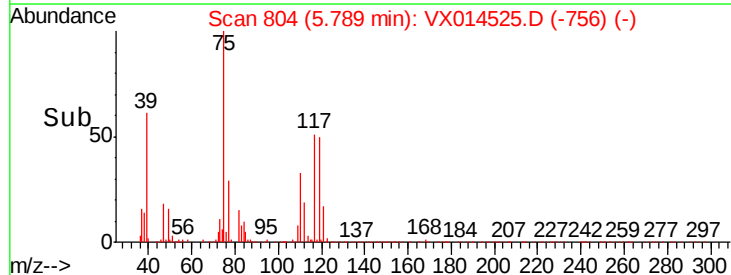
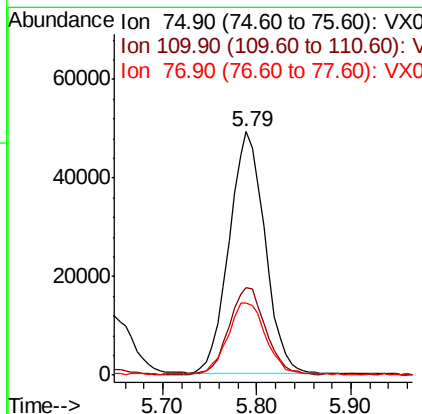
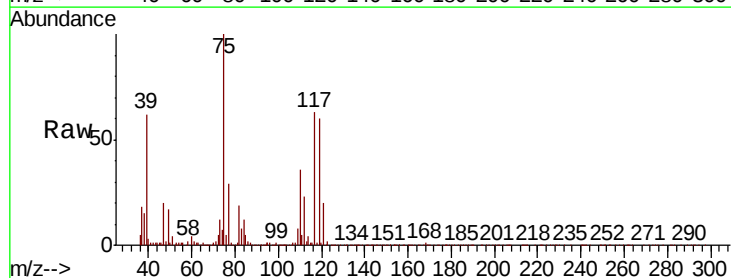
RT: 5.79 min Scan# 804

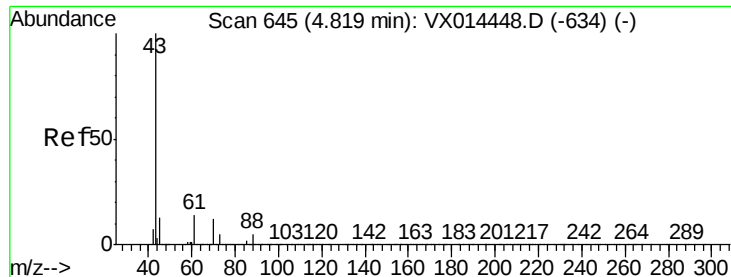
Delta R.T. -0.01 min

Lab File: VX014525.D

Acq: 10 Jan 2020 10:16

Tgt Ion:	75	Resp:	129612
Ion Ratio	Lower	Upper	
75	100		
110	37.1	18.6	55.8
77	30.6	24.5	36.7





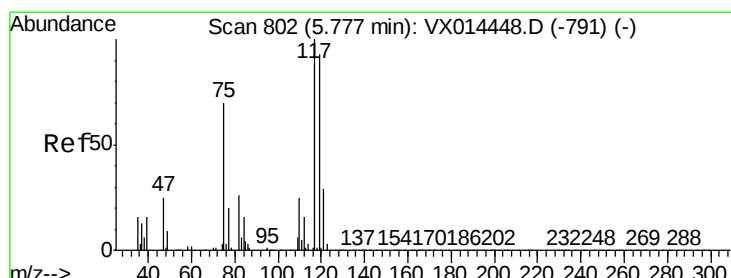
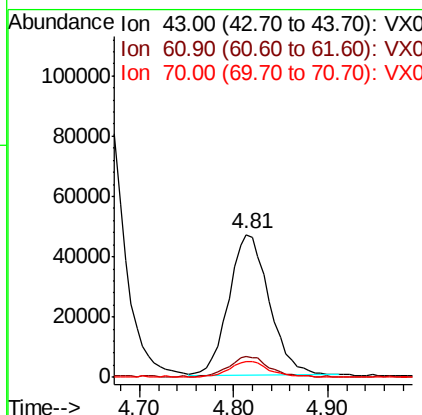
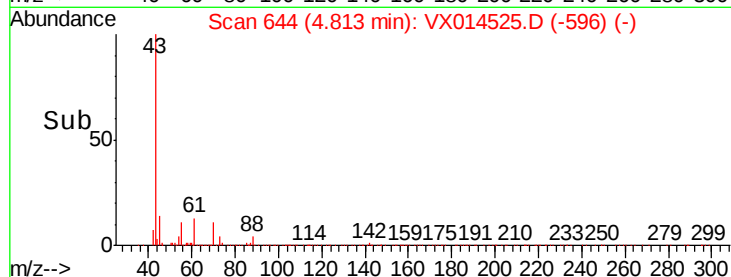
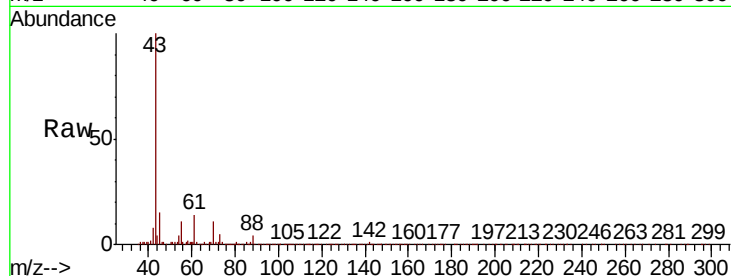
#37
Ethyl Acetate
Concen: 18.399 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014525.D
Acq: 10 Jan 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.1	16.7
70	10.4	8.9	13.3

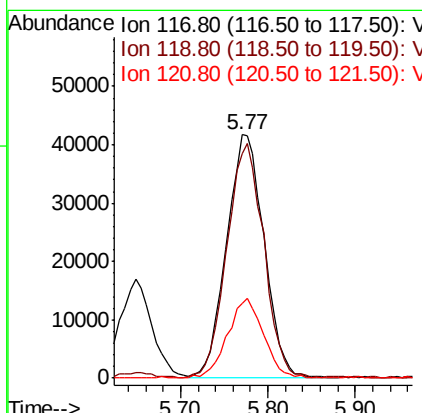
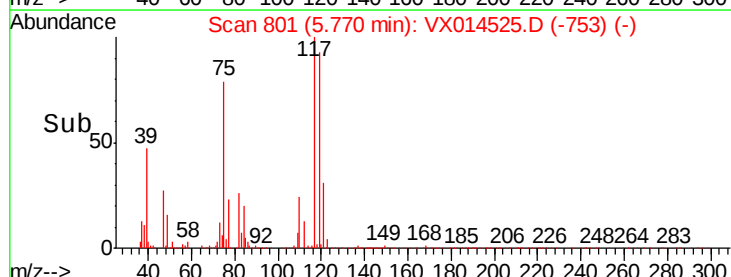
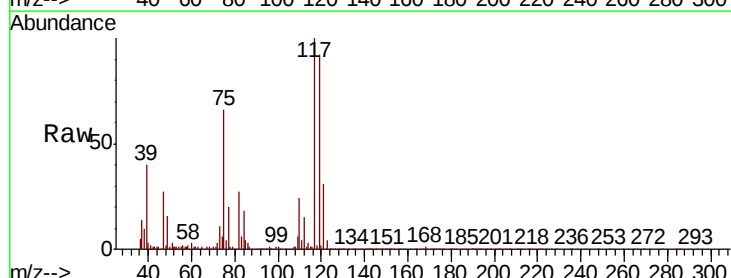
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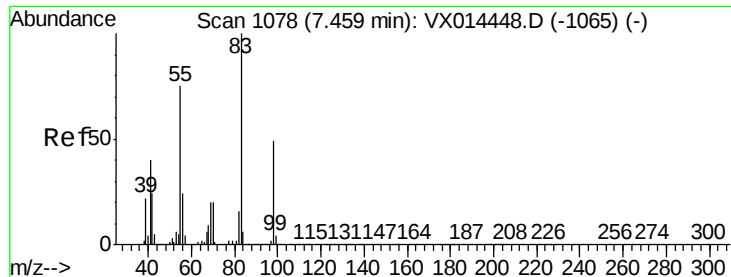
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#38
Carbon Tetrachloride
Concen: 19.296 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014525.D
Acq: 10 Jan 2020 10:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.6	73.8	110.8
121	30.3	23.4	35.0





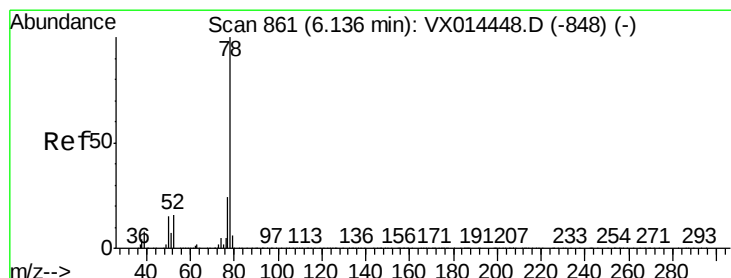
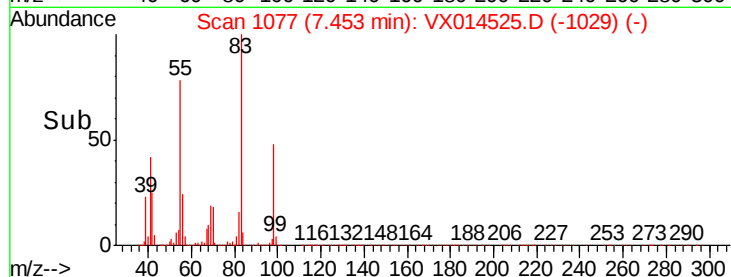
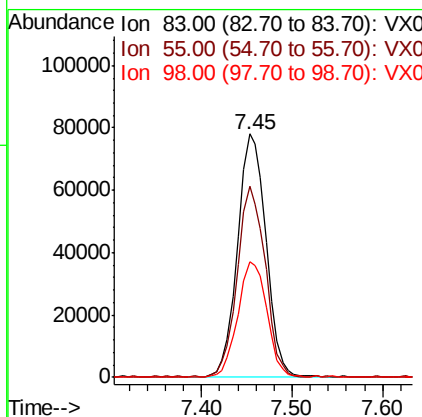
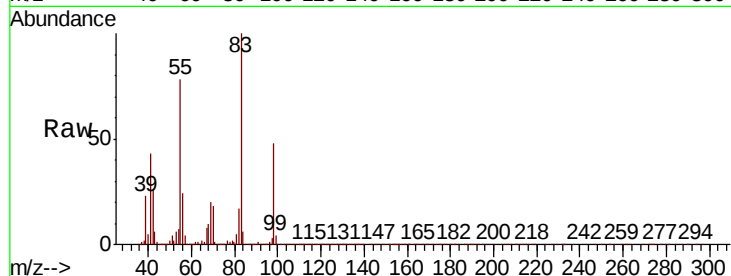
#39
Methvlcvclohexane
Concen: 19.373 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014525.D
Acq: 10 Jan 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.1	59.7	89.5
98	47.6	39.1	58.7

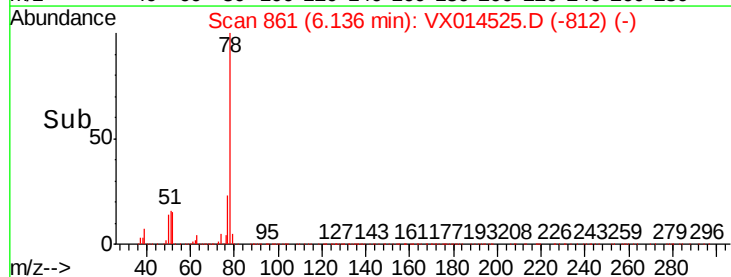
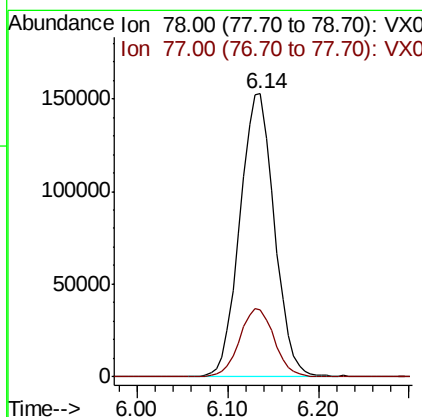
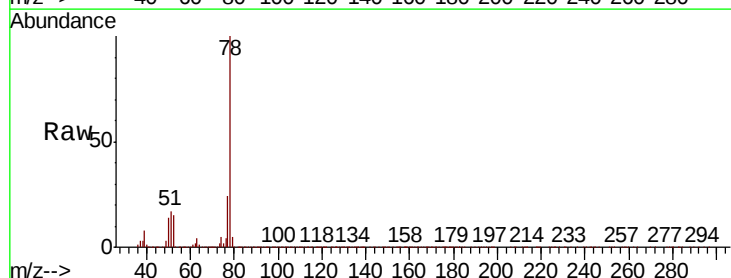
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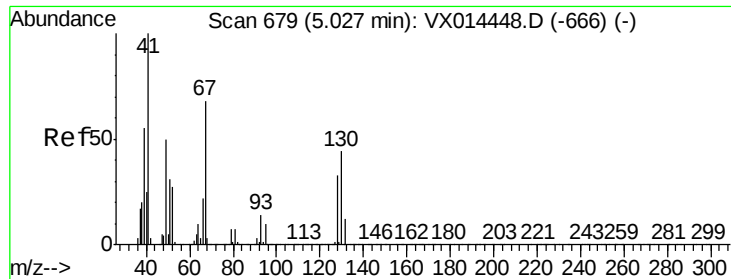
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#40
Benzene
Concen: 19.506 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX014525.D
Acq: 10 Jan 2020 10:16

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.5	29.3





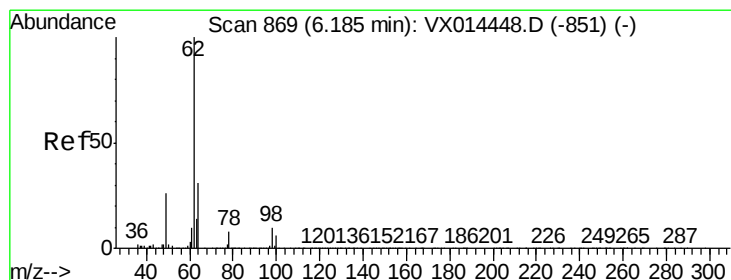
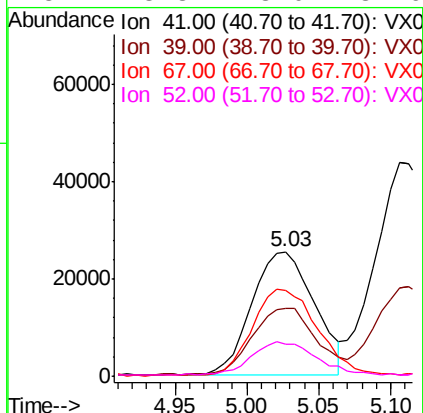
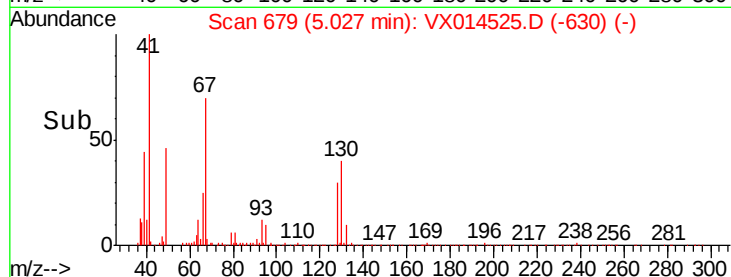
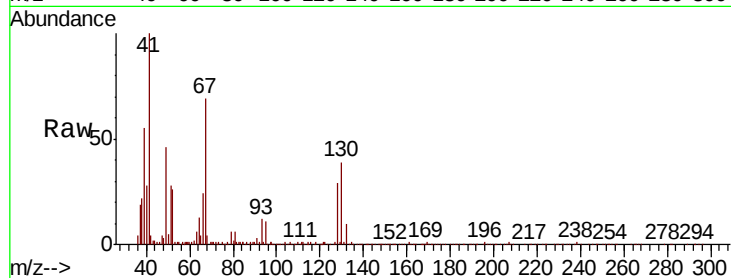
#41
Methacrylonitrile
Concen: 18.952 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX014525.D
Acq: 10 Jan 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.6	43.6	65.4
67	73.2	57.9	86.9
52	28.3	23.0	34.6

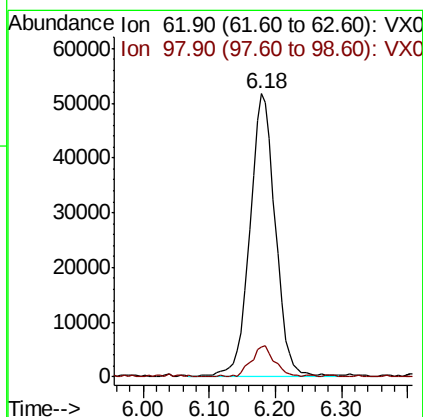
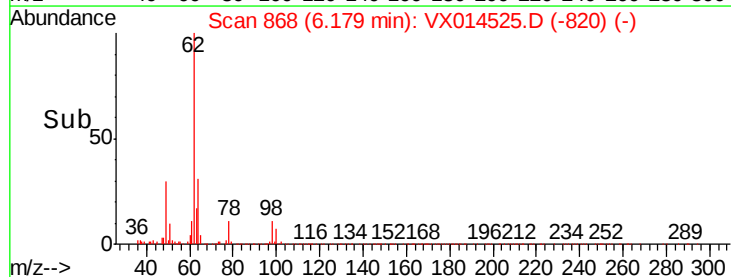
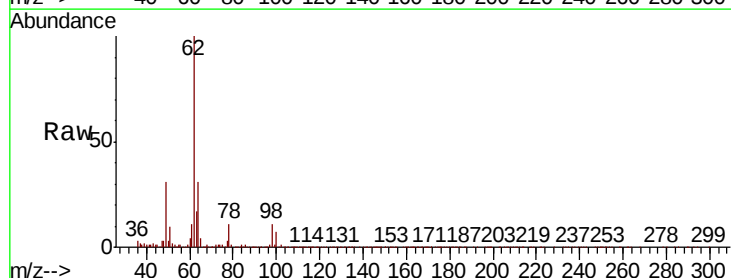
Manual Integrations
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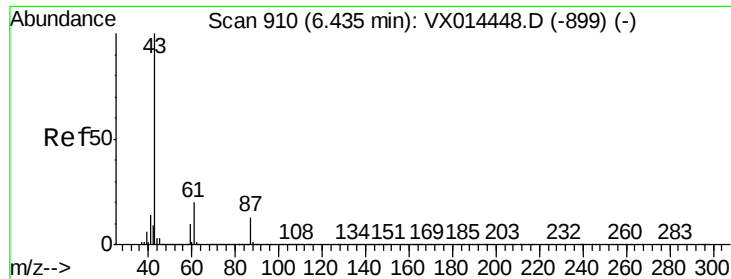
MMDadoda
1/13/2020 11:34:31 AM



#42
1,2-Dichloroethane
Concen: 19.358 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014525.D
Acq: 10 Jan 2020 10:16

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	20.4





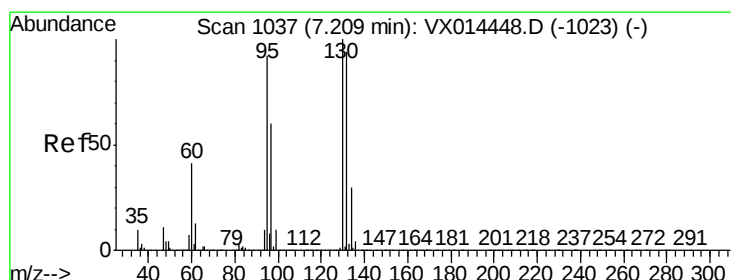
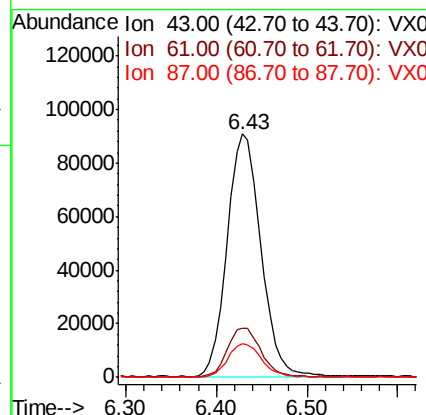
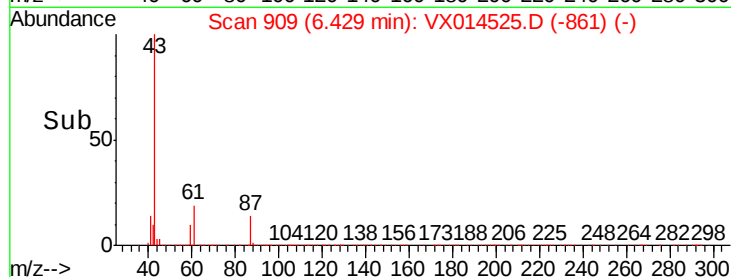
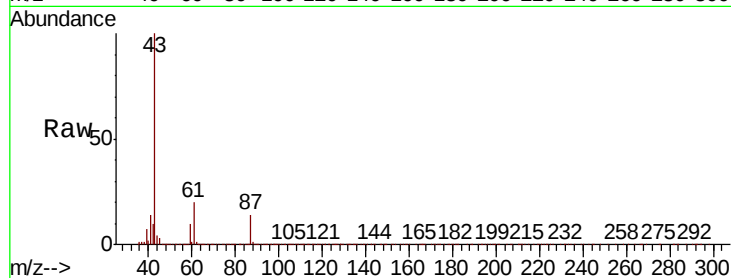
#43
Isopropyl Acetate
Concen: 19.166 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014525.D
Acq: 10 Jan 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.6	24.8
87	14.0	10.8	16.2

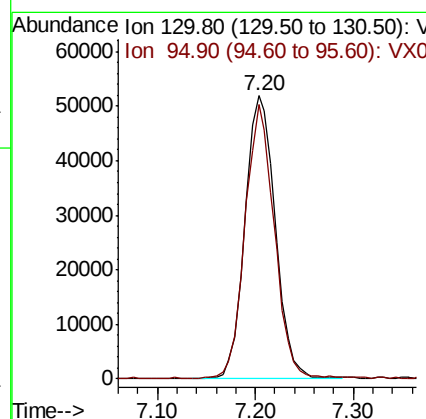
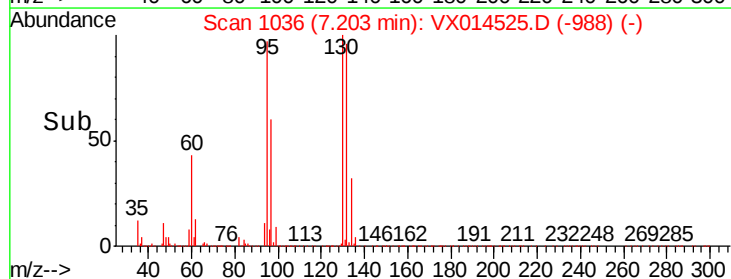
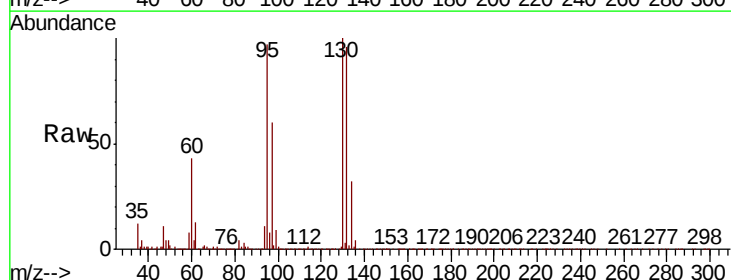
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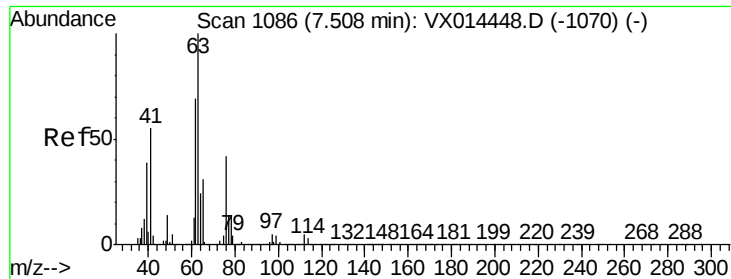
MMDadoda
1/13/2020 11:34:31 AM



#44
Trichloroethene
Concen: 18.789 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX014525.D
Acq: 10 Jan 2020 10:16

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.1	0.0	184.2





#45

1,2-Dichloropropane

Concen: 19.480 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX014525.D

Acq: 10 Jan 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBS01

Tot Ion: 63 Resp: 102532

Ion Ratio Lower Upper

63 100

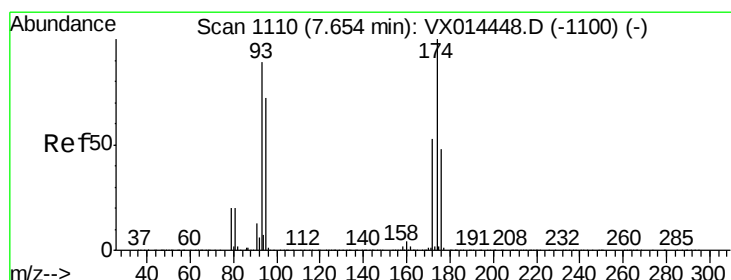
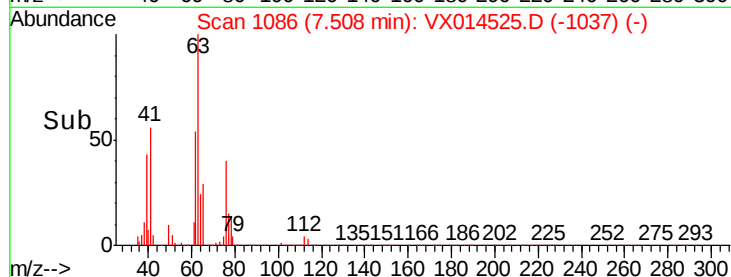
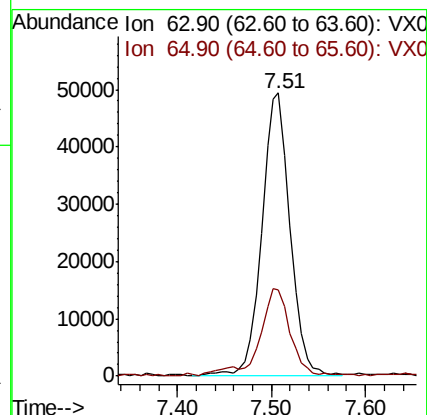
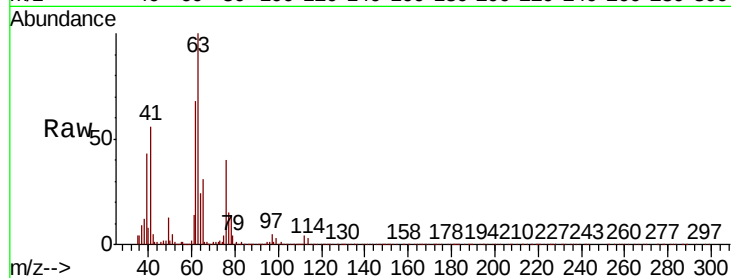
65 30.1 24.8 37.2

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#46

Dibromomethane

Concen: 17.965 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX014525.D

Acq: 10 Jan 2020 10:16

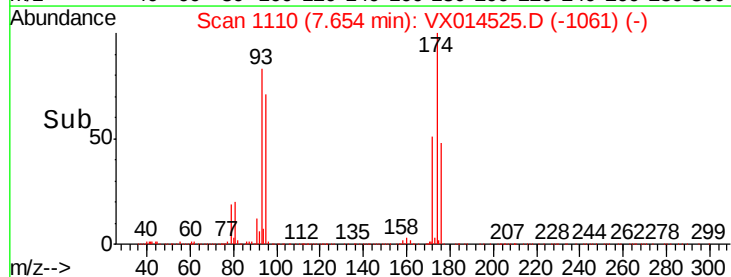
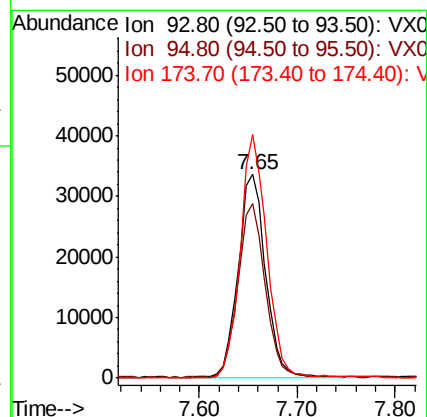
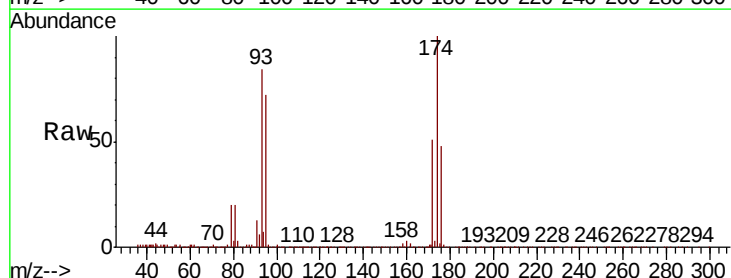
Tgt Ion: 93 Resp: 65997

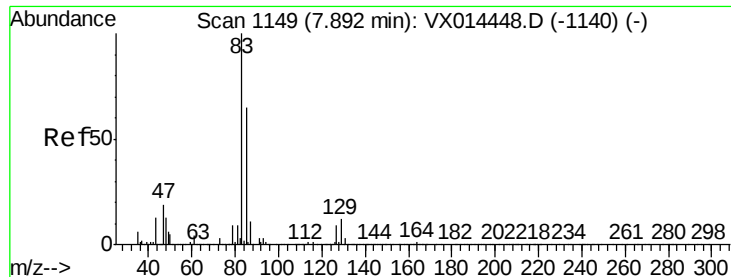
Ion Ratio Lower Upper

93 100

95 84.0 65.4 98.2

174 115.2 93.0 139.4





#47

Bromodichloromethane

Concen: 19.413 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX014525.D

Acq: 10 Jan 2020 10:16

Instrument :

MSVOA_X

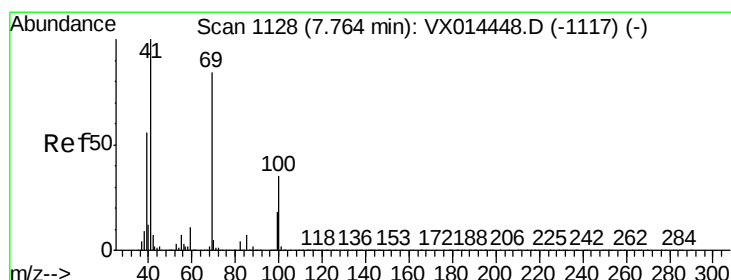
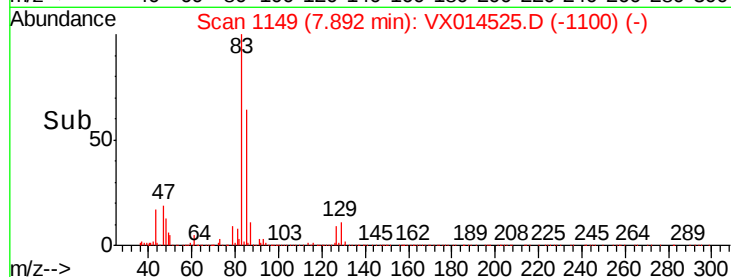
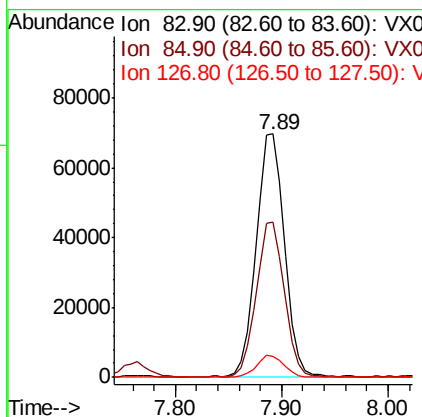
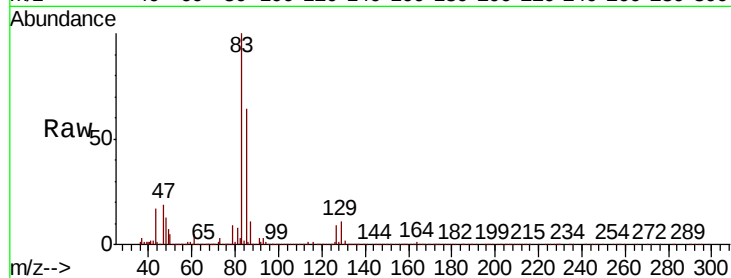
ClientSampleId :

VX0110WBS01

Tot Ion:	83	Resp:	129774
Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.7	77.5
127	8.5	7.1	10.7

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#48

Methyl methacrylate

Concen: 19.460 ug/l

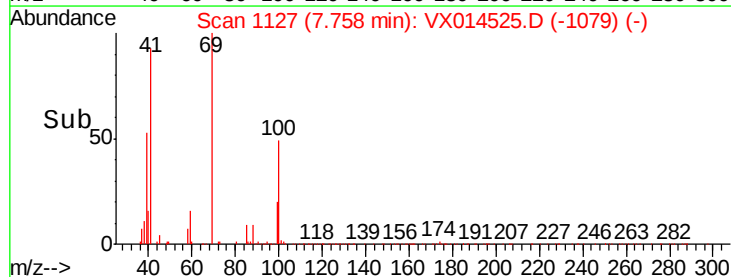
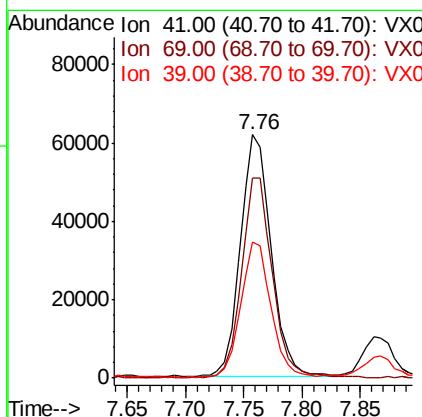
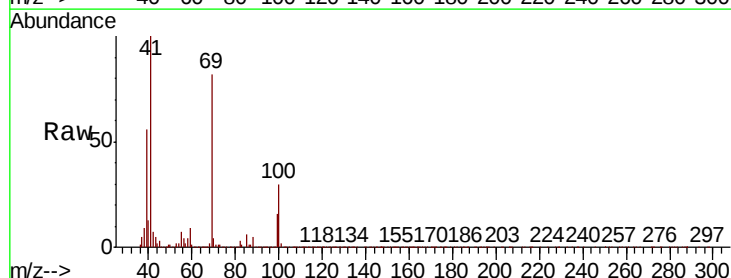
RT: 7.76 min Scan# 1127

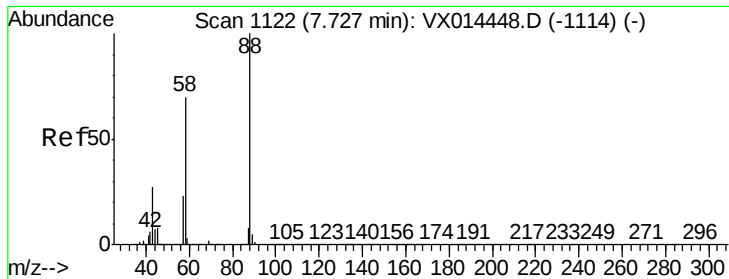
Delta R.T. -0.01 min

Lab File: VX014525.D

Acq: 10 Jan 2020 10:16

Tgt Ion:	41	Resp:	113760
Ion	Ratio	Lower	Upper
41	100		
69	83.4	65.5	98.3
39	56.4	43.9	65.9





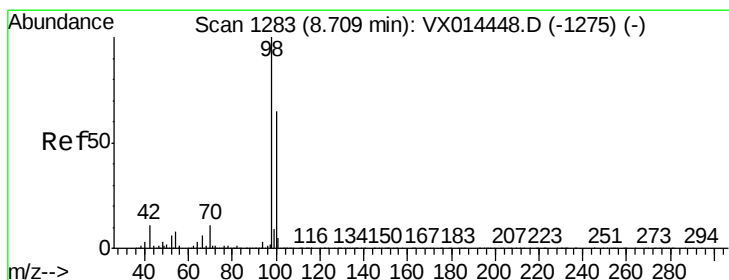
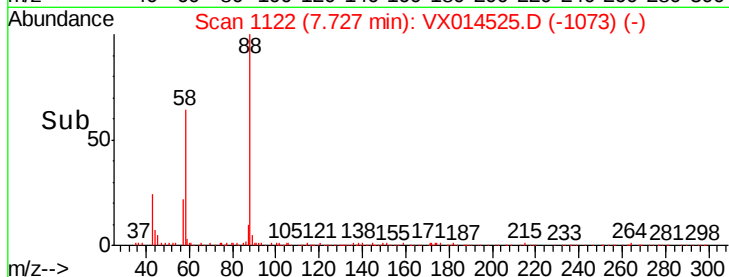
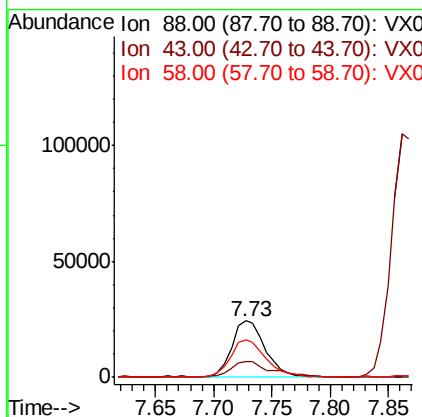
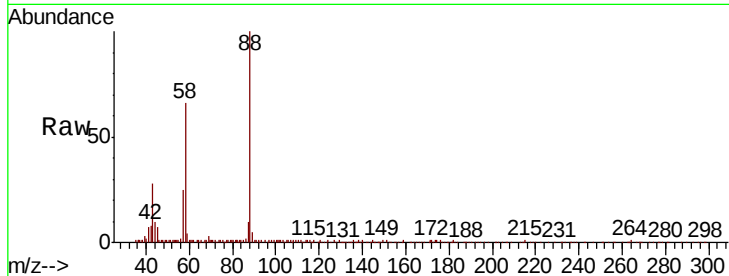
#49
1,4-Dioxane
Concen: 394.590 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VX014525.D
Acq: 10 Jan 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.2	27.4	41.0
58	70.8	57.1	85.7

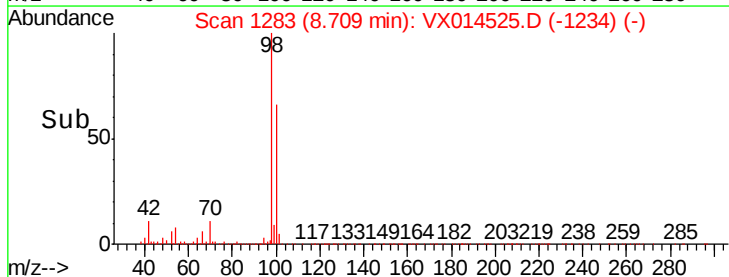
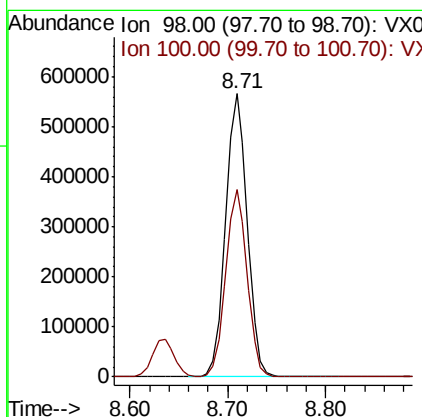
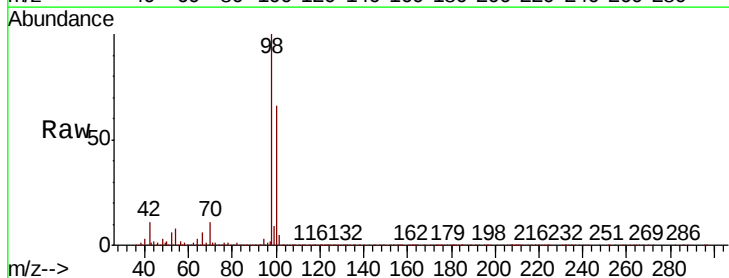
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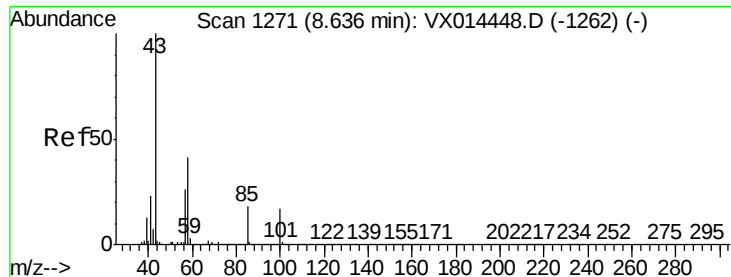
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#50
Toluene-d8
Concen: 49.848 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014525.D
Acq: 10 Jan 2020 10:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.2	79.8





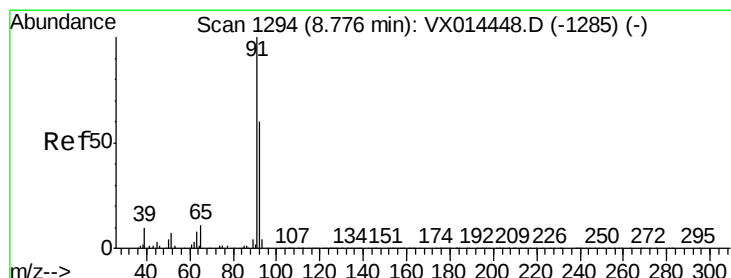
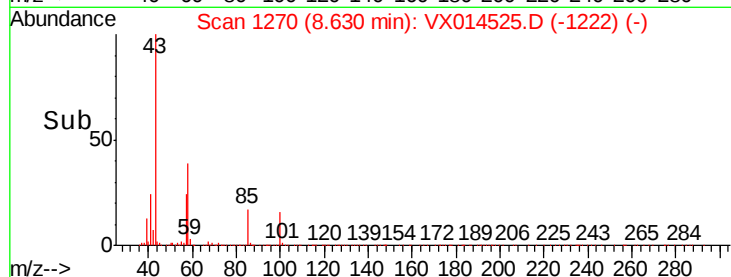
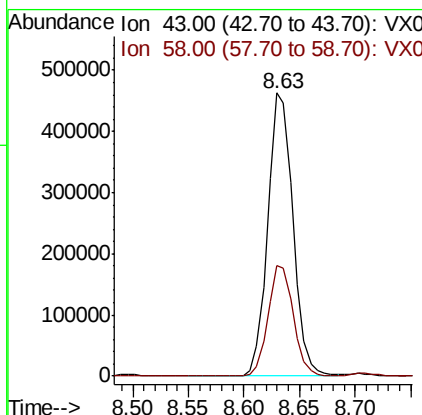
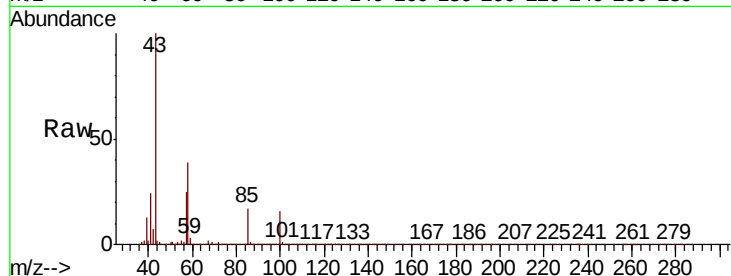
#51
4-Methyl-2-Pentanone
Concen: 97.959 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014525.D
Acq: 10 Jan 2020 10:16

Instrument :
MSVOA_X
ClientSampled :
VX0110WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.5	32.4	48.6

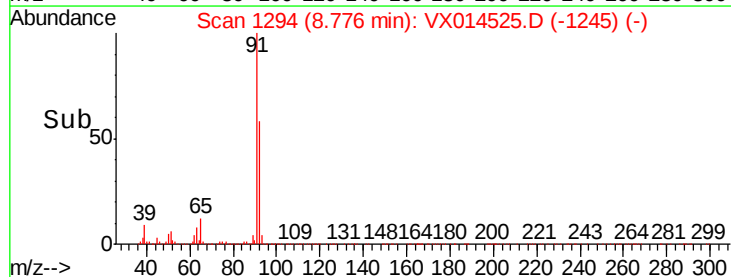
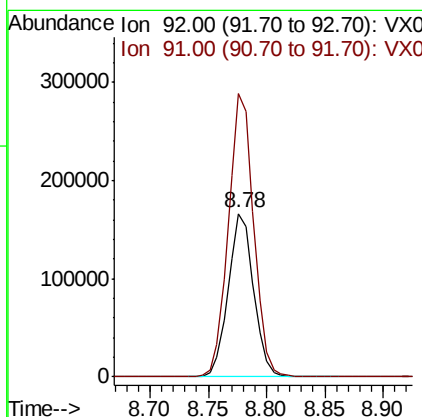
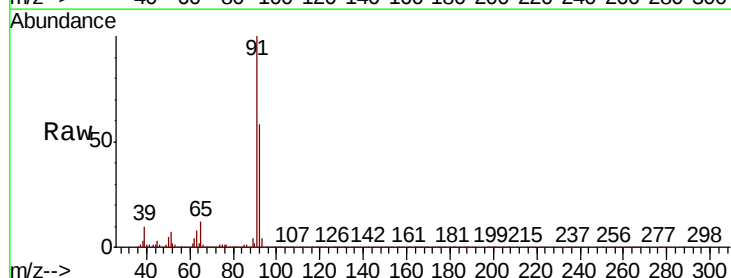
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#52
Toluene
Concen: 19.111 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX014525.D
Acq: 10 Jan 2020 10:16

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.8	135.7	203.5





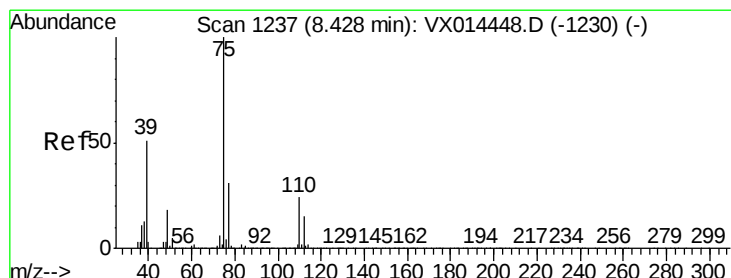
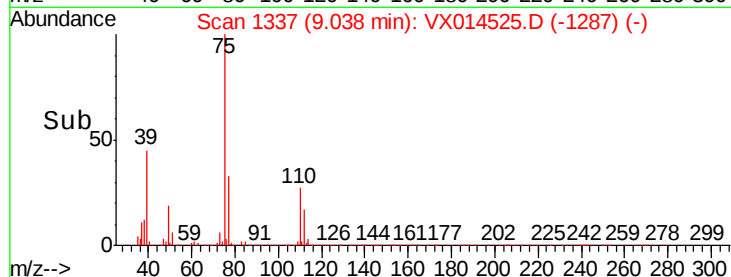
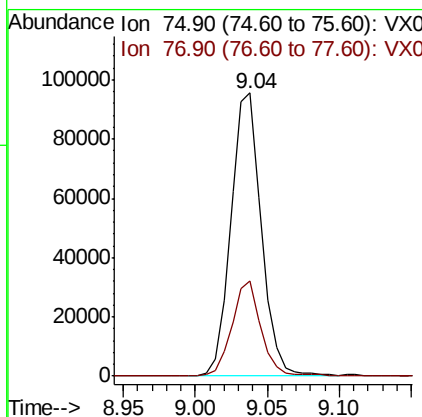
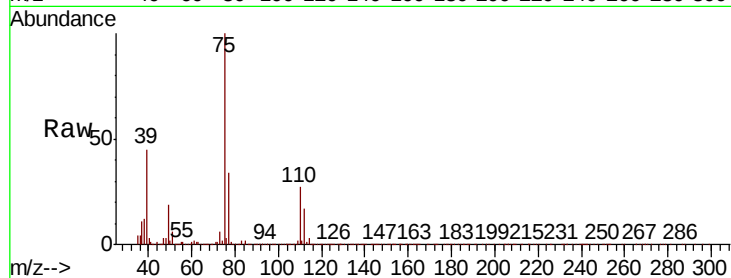
#53
t-1,3-Dichloropropene
Concen: 18.044 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.01 min
Lab File: VX014525.D
Acq: 10 Jan 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.6	25.4	38.2

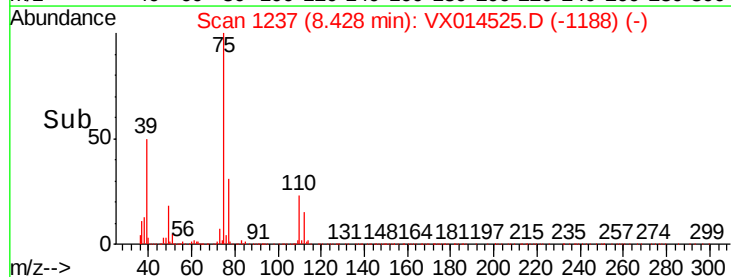
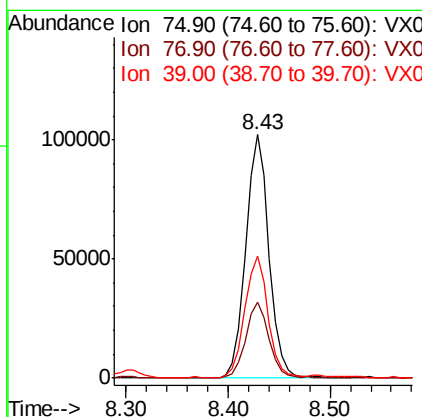
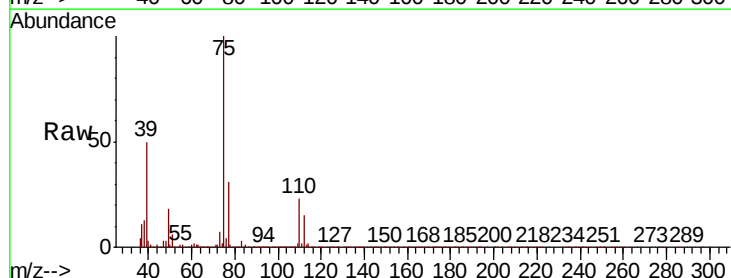
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#54
cis-1,3-Dichloropropene
Concen: 19.150 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX014525.D
Acq: 10 Jan 2020 10:16

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.0	37.4
39	50.1	40.7	61.1





#55

1,1,2-Trichloroethane

Concen: 19.219 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX014525.D

Acq: 10 Jan 2020 10:16

Instrument :

MSVOA_X

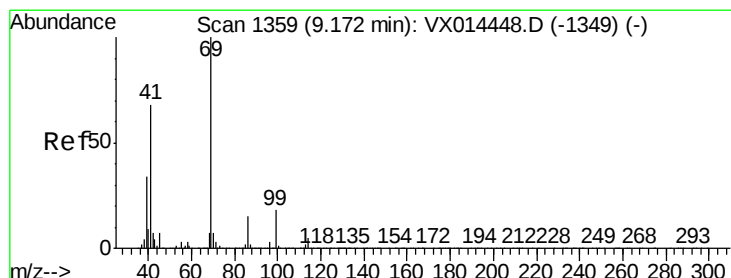
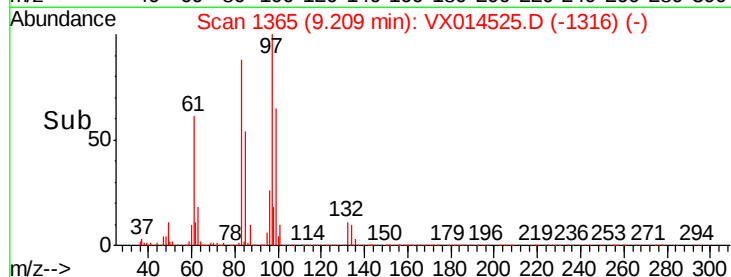
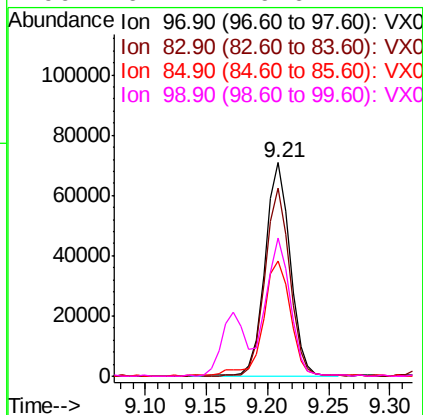
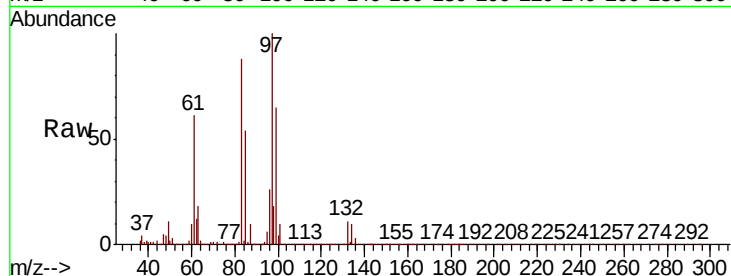
ClientSampleId :

VX0110WBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	87.7	66.4	99.6
85	53.9	43.4	65.2
99	64.7	49.6	74.4

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#56

Ethyl methacrylate

Concen: 19.141 ug/l

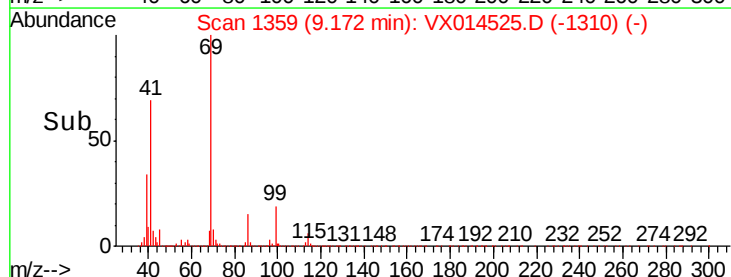
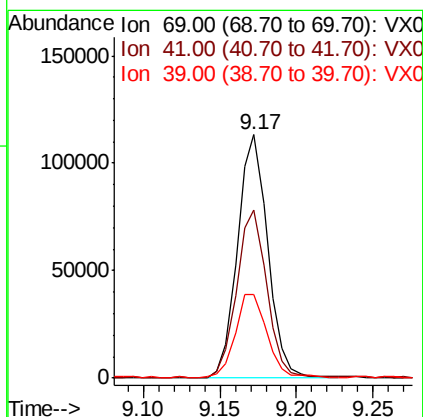
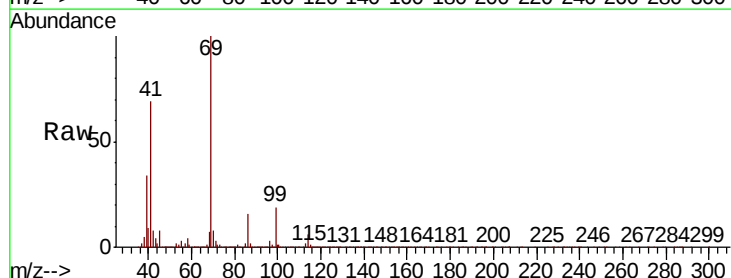
RT: 9.17 min Scan# 1359

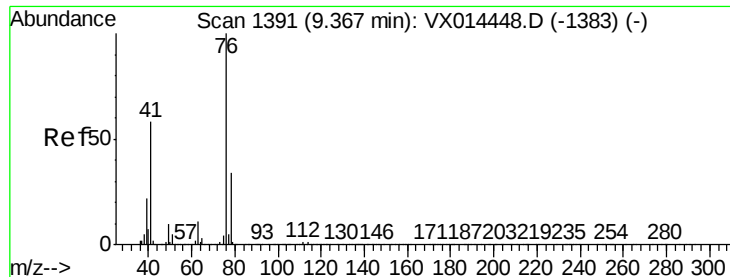
Delta R.T. -0.00 min

Lab File: VX014525.D

Acq: 10 Jan 2020 10:16

Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.3	54.2	81.2
39	35.9	28.2	42.2





#57

1,3-Dichloropropane

Concen: 19.300 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX014525.D

Acq: 10 Jan 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBS01

Tot Ion: 76 Resp: 171297

Ion Ratio Lower Upper

76 100

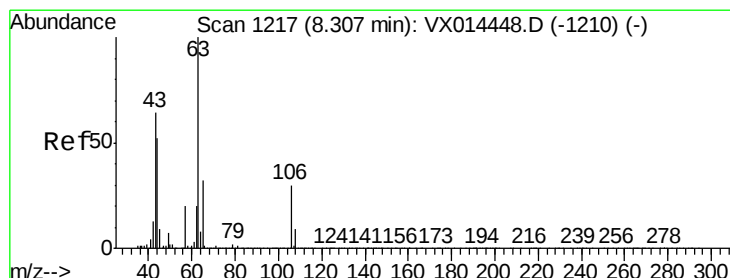
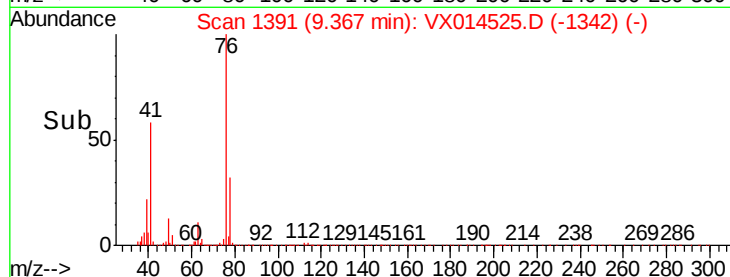
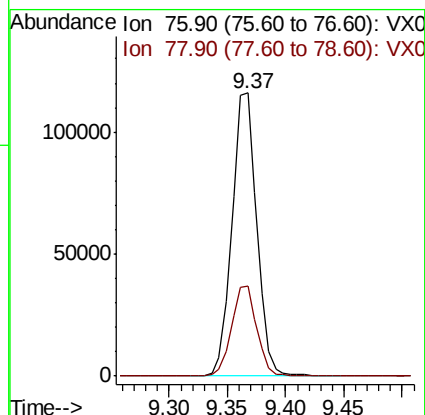
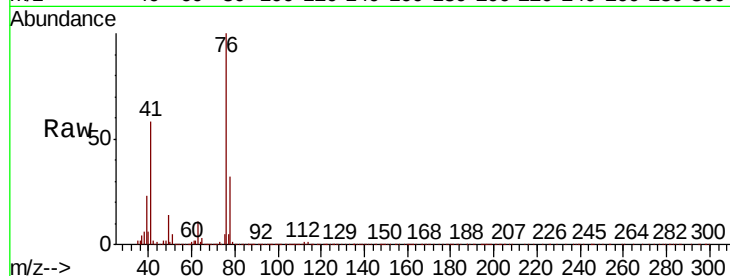
78 31.8 26.4 39.6

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#58

2-Chloroethyl Vinyl ether

Concen: 96.256 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014525.D

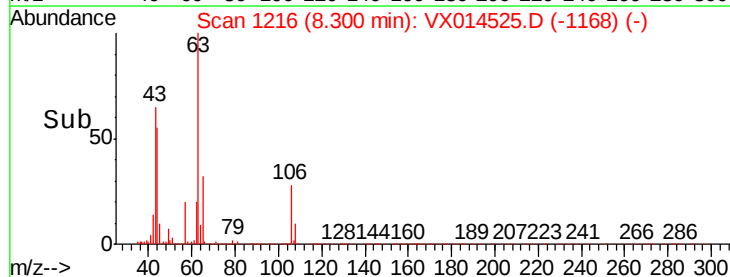
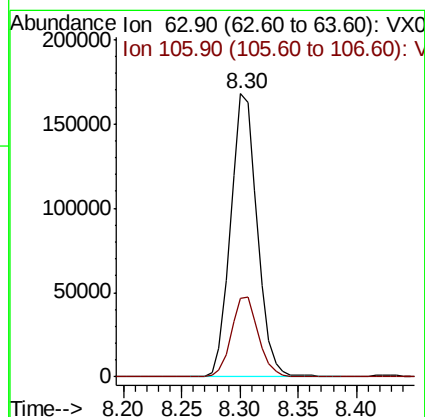
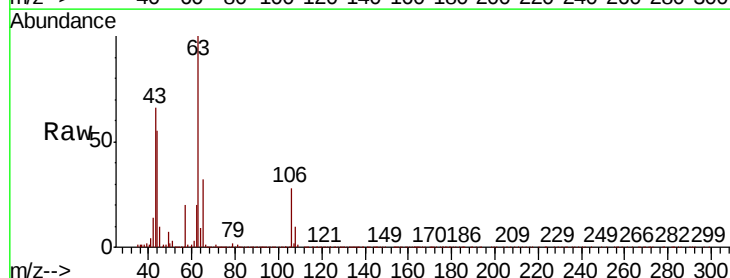
Acq: 10 Jan 2020 10:16

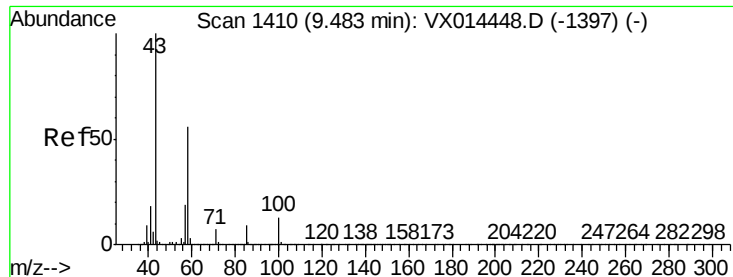
Tgt Ion: 63 Resp: 266339

Ion Ratio Lower Upper

63 100

106 28.9 23.6 35.4





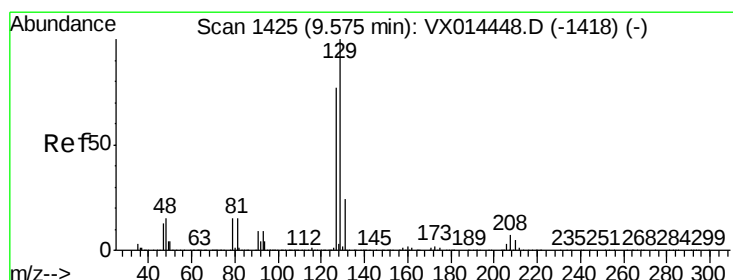
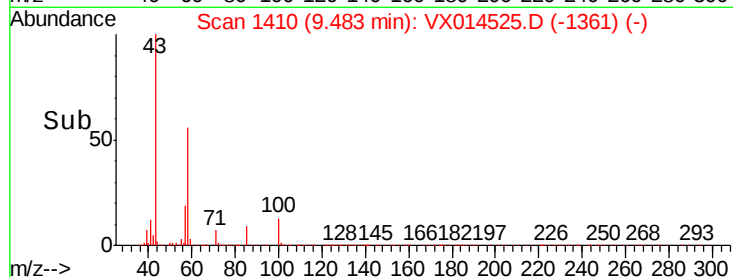
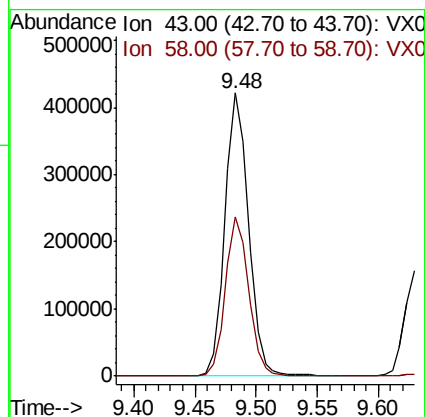
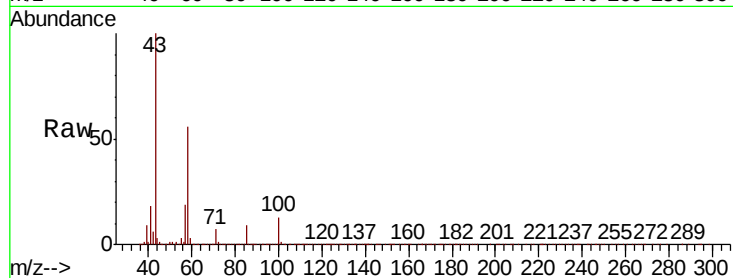
#59
2-Hexanone
Concen: 95.775 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014525.D
Acq: 10 Jan 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS01

Tot Ion: 43 Resp: 563643
Ion Ratio Lower Upper
43 100
58 55.8 27.9 83.7

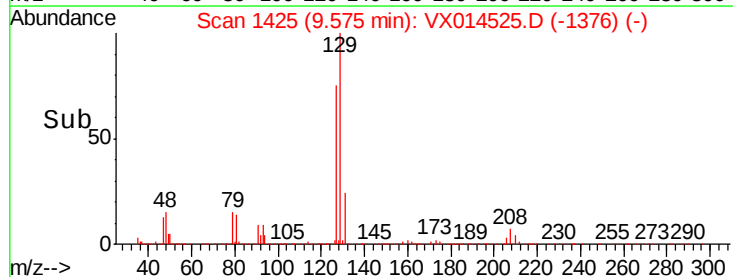
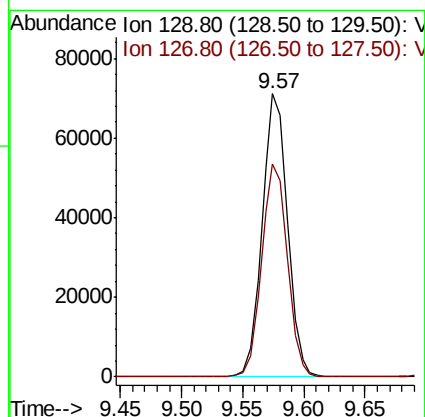
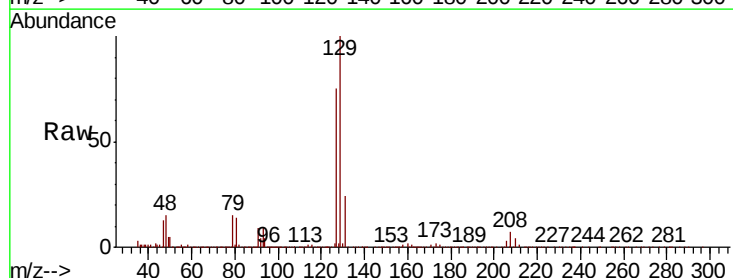
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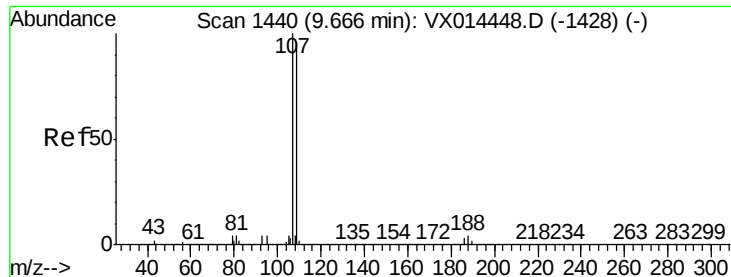
MMDadoda
1/13/2020 11:34:31 AM



#60
Dibromochloromethane
Concen: 19.281 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX014525.D
Acq: 10 Jan 2020 10:16

Tgt Ion: 129 Resp: 102876
Ion Ratio Lower Upper
129 100
127 76.4 38.6 116.0





#61

1,2-Dibromoethane

Concen: 19.006 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014525.D

Acq: 10 Jan 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBS01

Tot Ion: 107 Resp: 106872

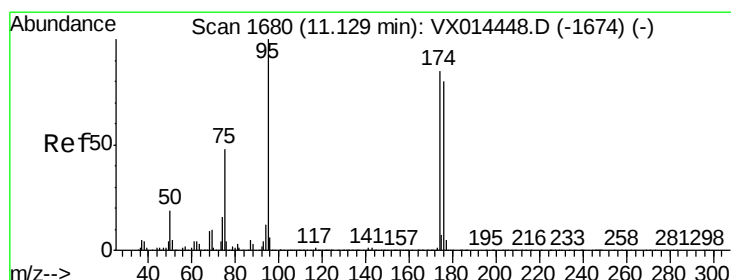
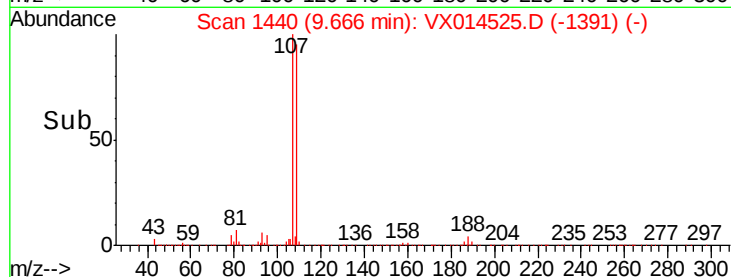
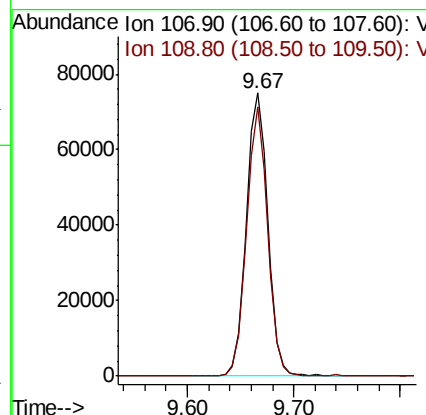
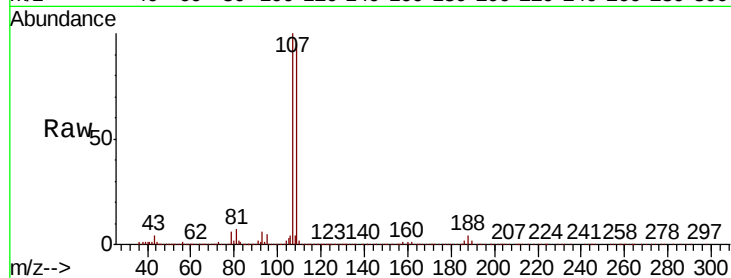
Ion Ratio Lower Upper

107 100

109 93.1 76.5 114.7

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#62

4-Bromofluorobenzene

Concen: 47.552 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014525.D

Acq: 10 Jan 2020 10:16

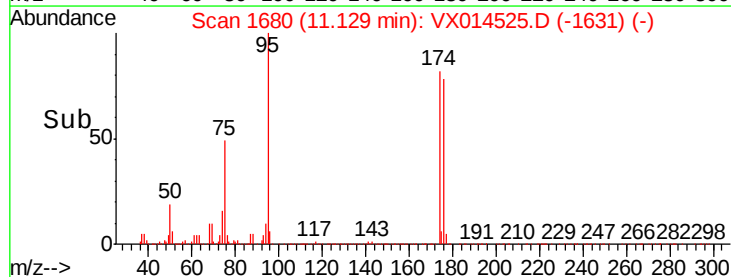
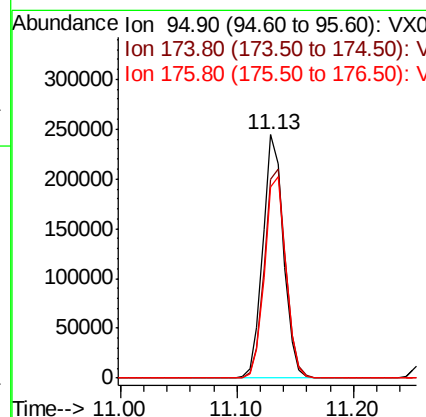
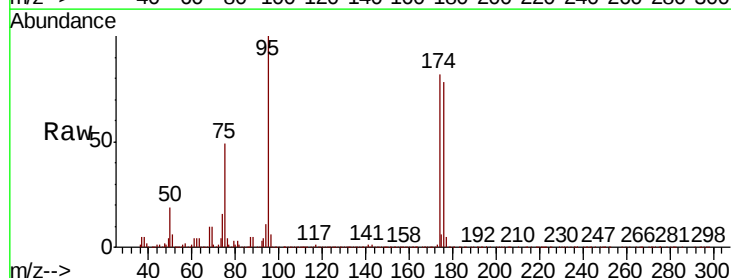
Tgt Ion: 95 Resp: 303333

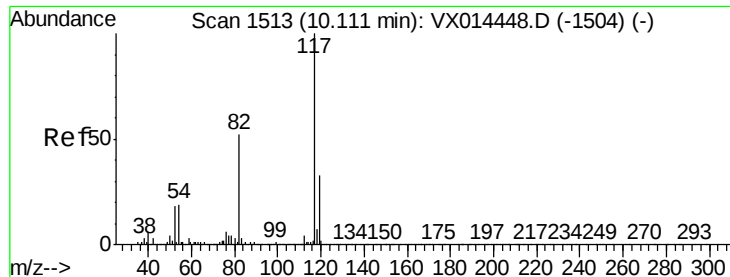
Ion Ratio Lower Upper

95 100

174 89.4 0.0 180.8

176 85.7 0.0 172.8





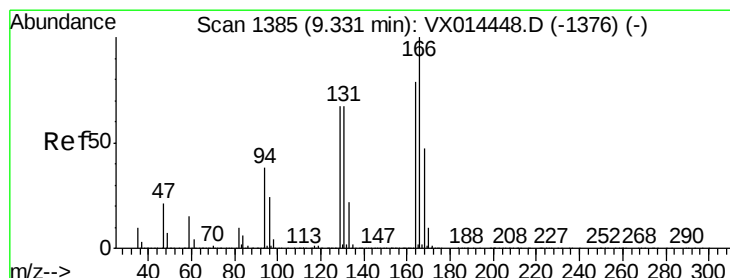
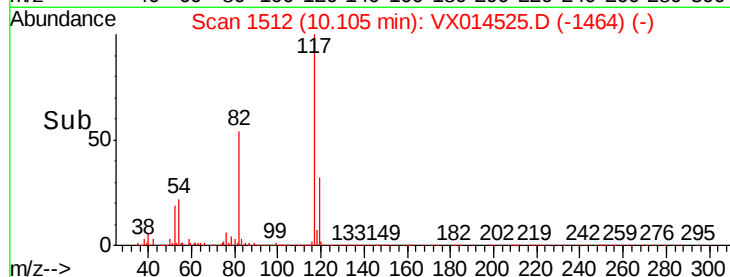
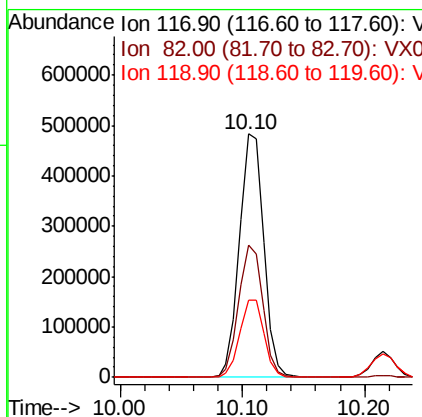
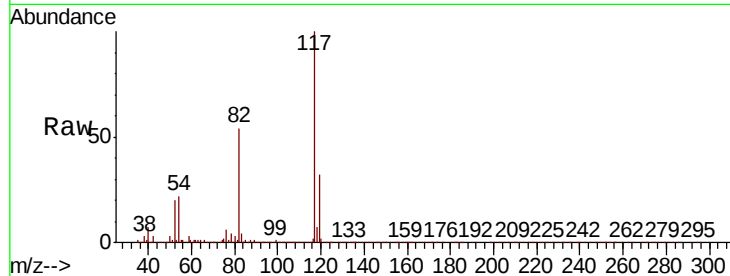
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014525.D
Acq: 10 Jan 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	41.8	62.6
119	31.6	26.2	39.4

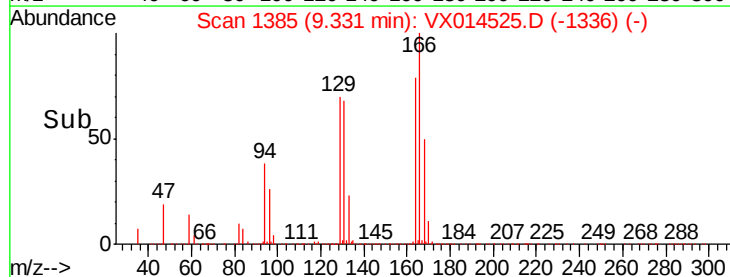
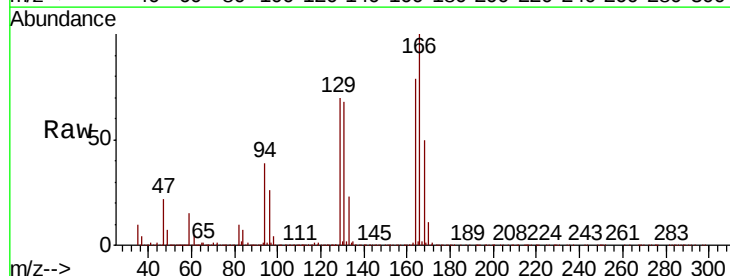
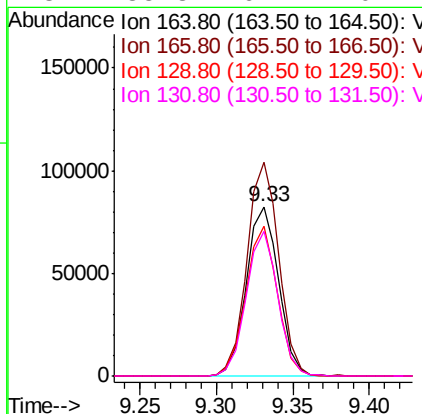
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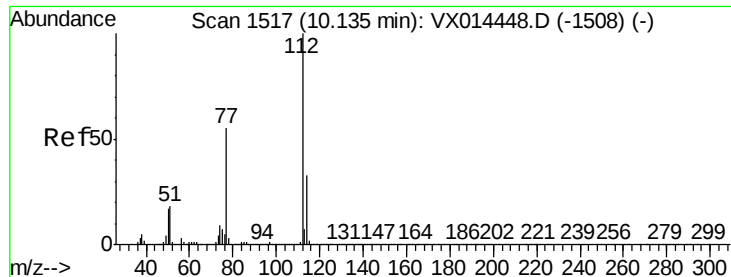
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#64
Tetrachloroethene
Concen: 18.222 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014525.D
Acq: 10 Jan 2020 10:16

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.8	101.2	151.8
129	88.1	68.3	102.5
131	85.3	67.4	101.2





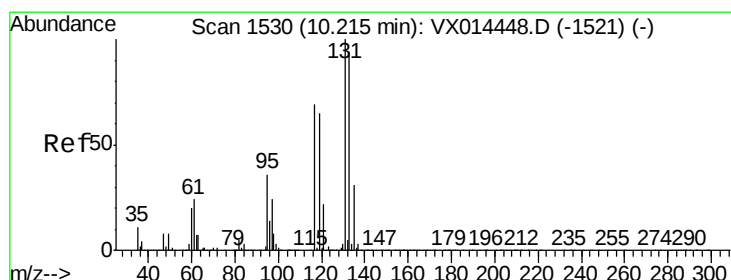
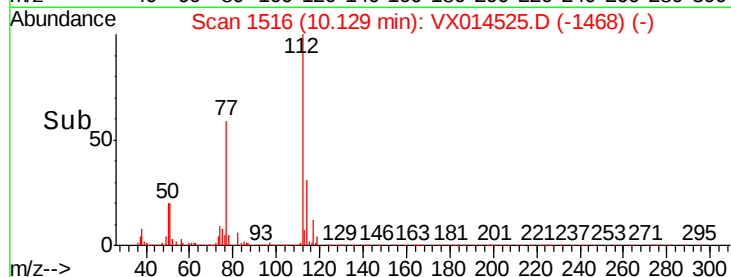
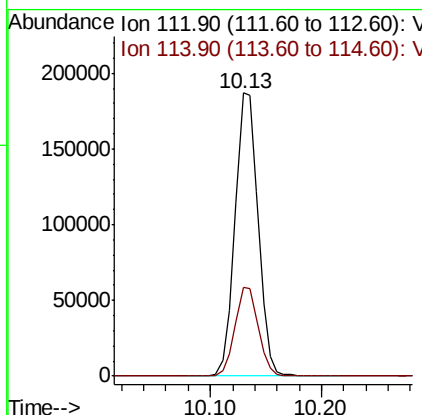
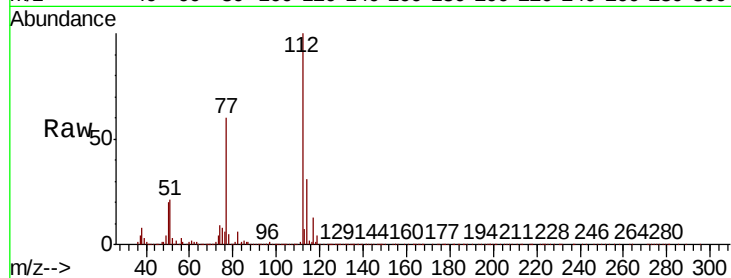
#65
Chlorobenzene
Concen: 18.581 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014525.D
Acq: 10 Jan 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.3	26.2	39.4

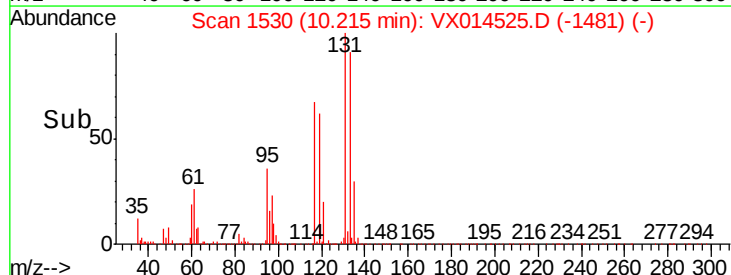
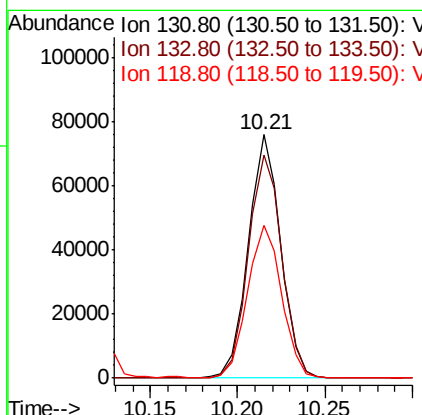
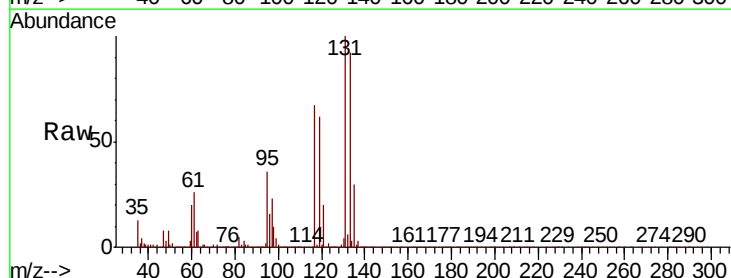
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.950 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX014525.D
Acq: 10 Jan 2020 10:16

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.6	47.3	142.0
119	66.8	32.8	98.4





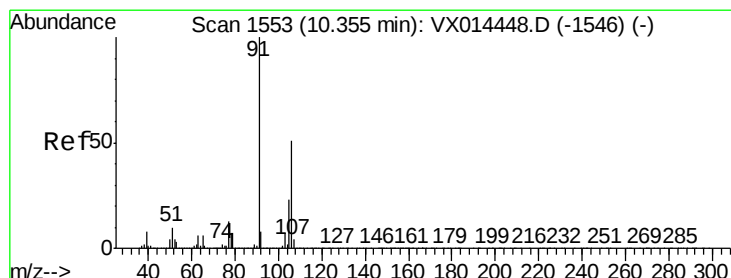
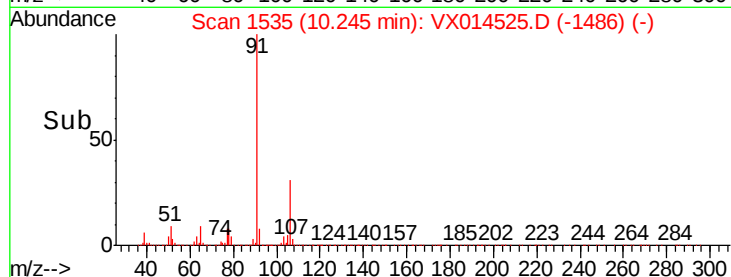
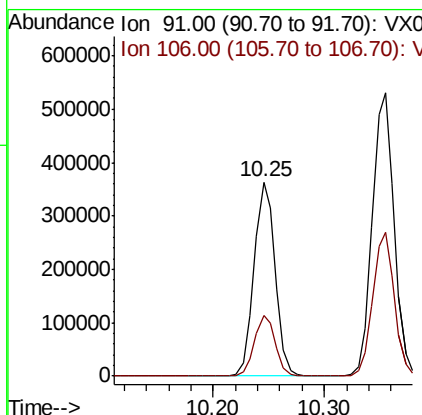
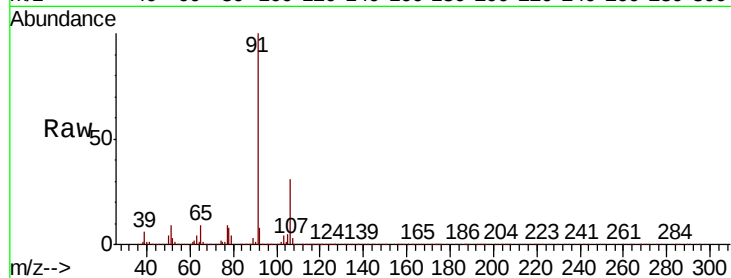
#67
Ethyl Benzene
Concen: 19.477 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX014525.D
Acq: 10 Jan 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS01

Tot Ion: 91 Resp: 477561
Ion Ratio Lower Upper
91 100
106 31.2 25.6 38.4

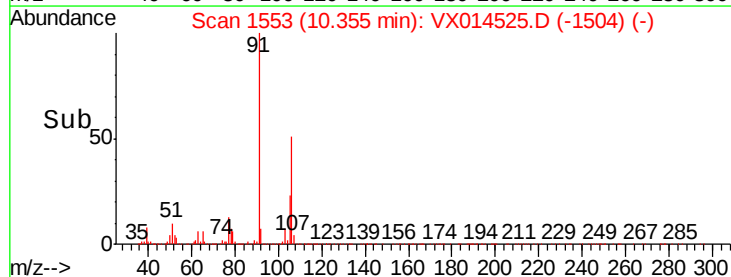
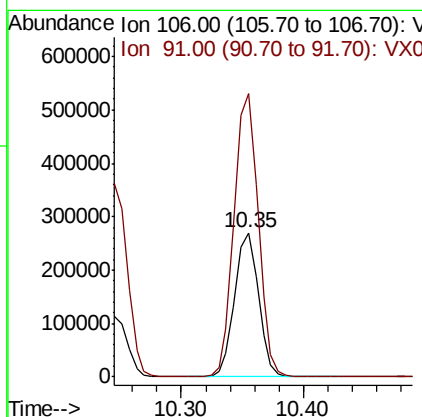
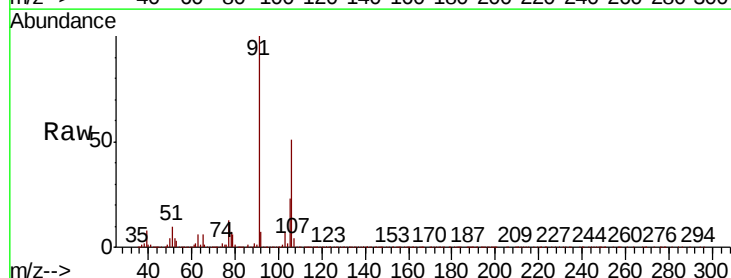
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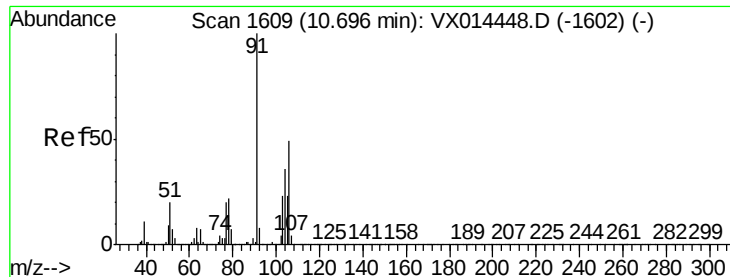
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#68
m/p-Xylenes
Concen: 38.366 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014525.D
Acq: 10 Jan 2020 10:16

Tgt Ion: 106 Resp: 362921
Ion Ratio Lower Upper
106 100
91 199.1 157.4 236.0





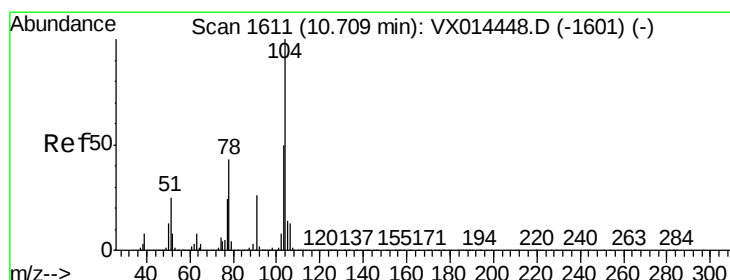
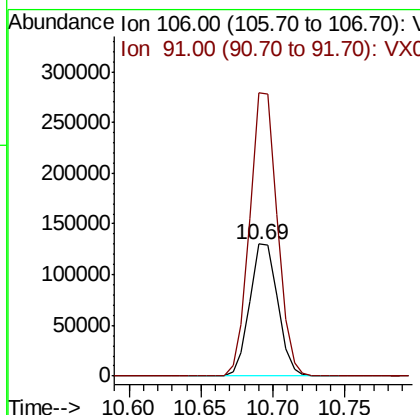
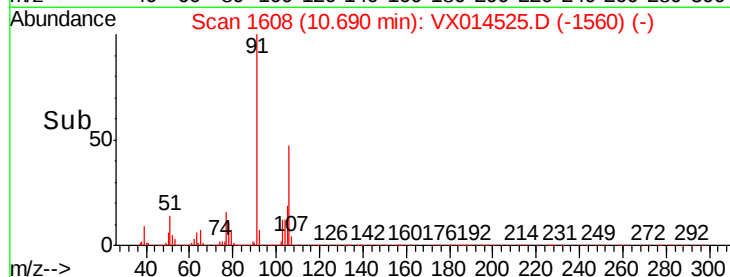
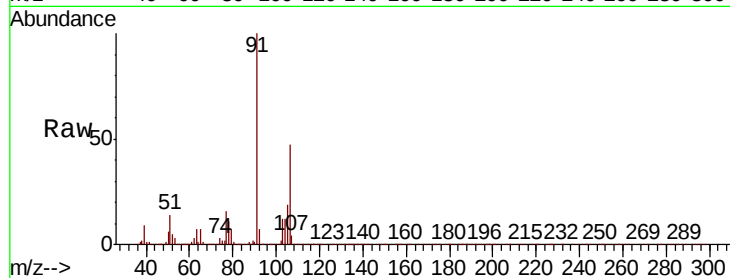
#69
o-Xylene
Concen: 19.345 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014525.D
Acq: 10 Jan 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	174601		
91	210.9	105.1	315.1	

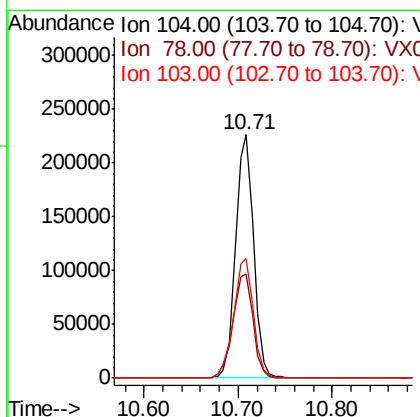
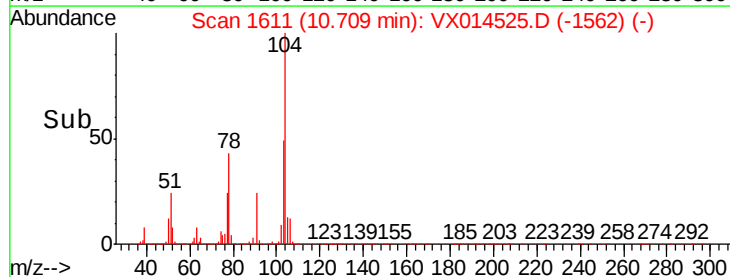
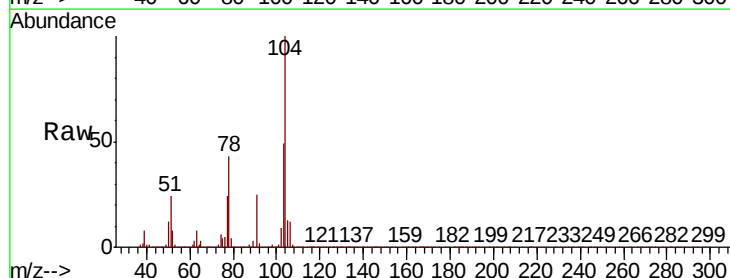
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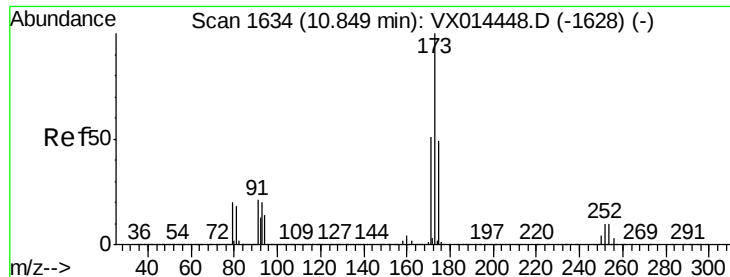
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#70
Styrene
Concen: 19.216 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014525.D
Acq: 10 Jan 2020 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	299303		
78	47.6	38.6	58.0	
103	53.6	43.7	65.5	





#71

Bromoform

Concen: 18.012 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VX014525.D

Acq: 10 Jan 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBS01

Tot Ion:173 Resp: 75656

Ion Ratio Lower Upper

173 100

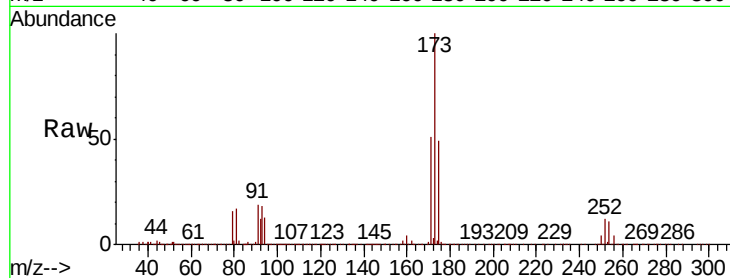
175 48.9 24.3 72.8

254 0.3 0.2 0.2#

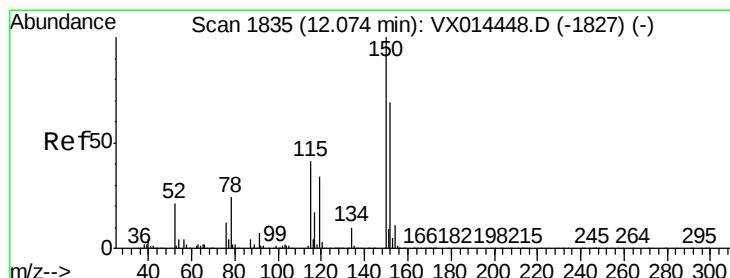
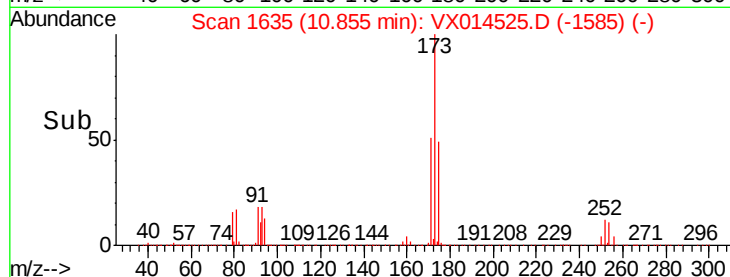
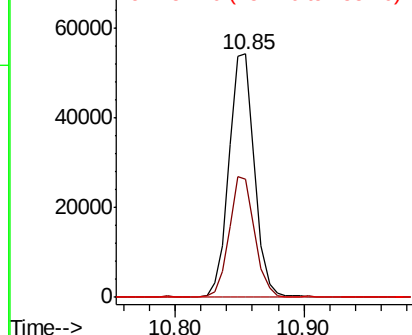
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX014525.D

Acq: 10 Jan 2020 10:16

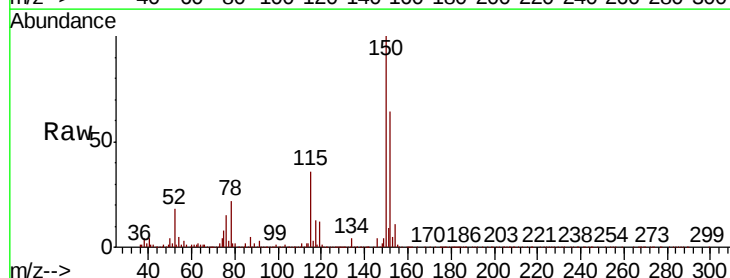
Tgt Ion:152 Resp: 333452

Ion Ratio Lower Upper

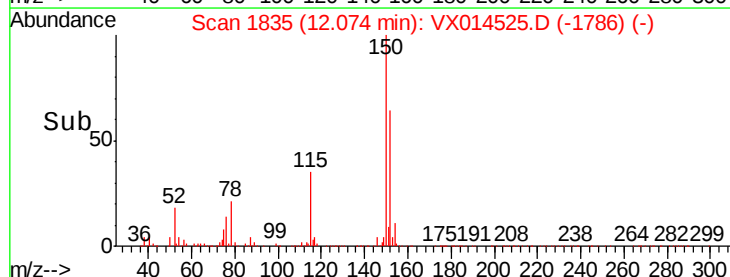
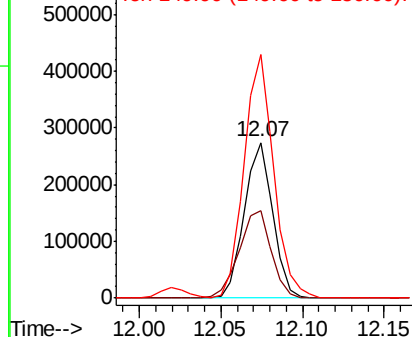
152 100

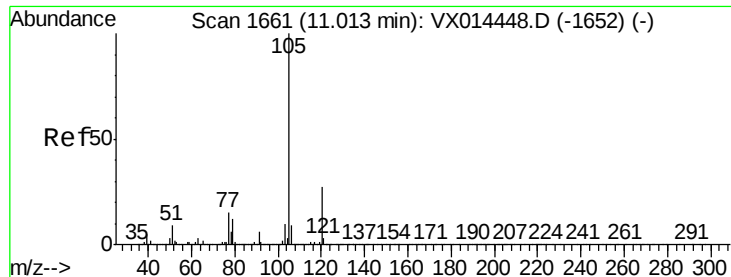
115 63.8 39.5 118.3

150 163.3 0.0 350.2



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: 19.891 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014525.D

Acq: 10 Jan 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBS01

Tot Ion: 105 Resp: 465768

Ion Ratio Lower Upper

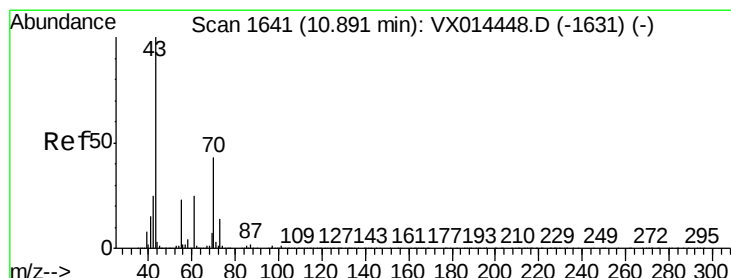
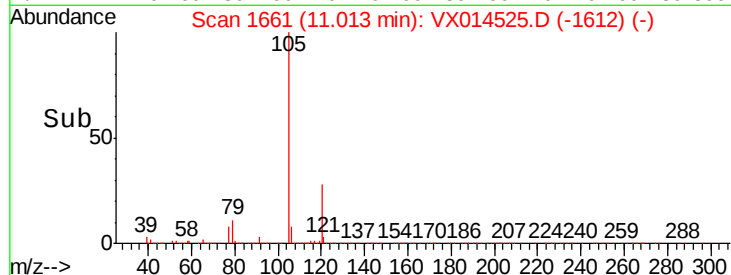
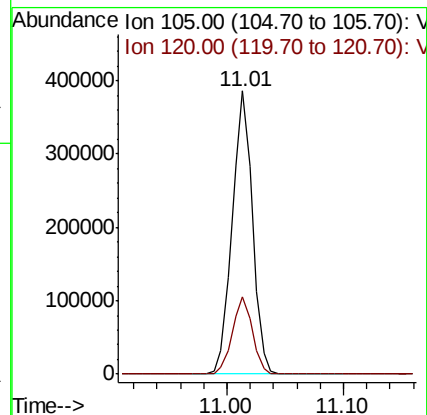
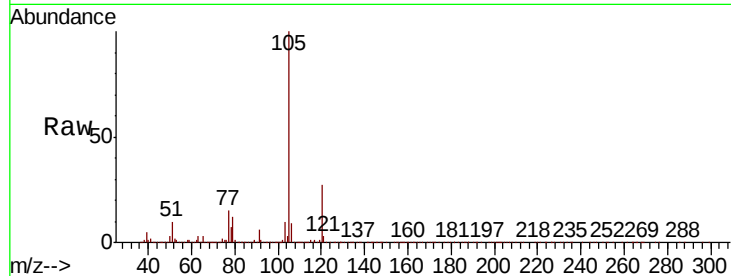
105 100

120 27.1 13.4 40.2

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1/13/2020 11:34:31 AM



#74

N-ethyl acetate

Concen: 19.202 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014525.D

Acq: 10 Jan 2020 10:16

Tgt Ion: 43 Resp: 198365

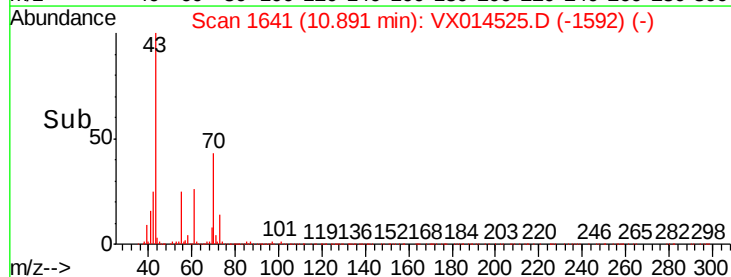
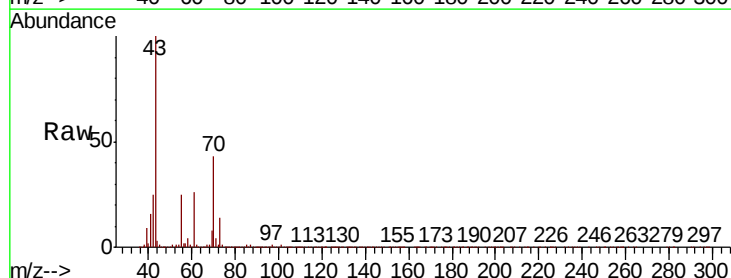
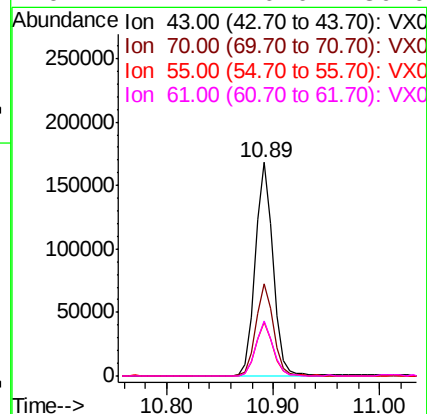
Ion Ratio Lower Upper

43 100

70 42.4 35.1 52.7

55 24.5 19.3 28.9

61 24.4 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.703 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014525.D

Acq: 10 Jan 2020 10:16

Instrument :

MSVOA_X

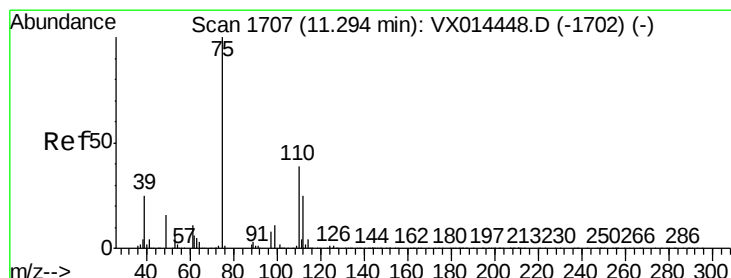
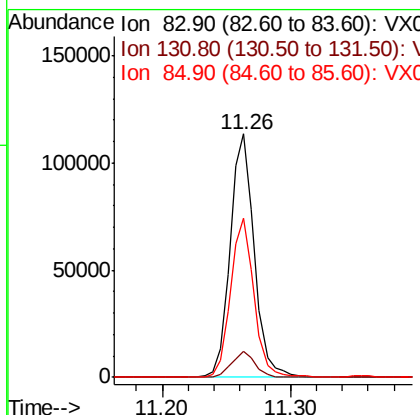
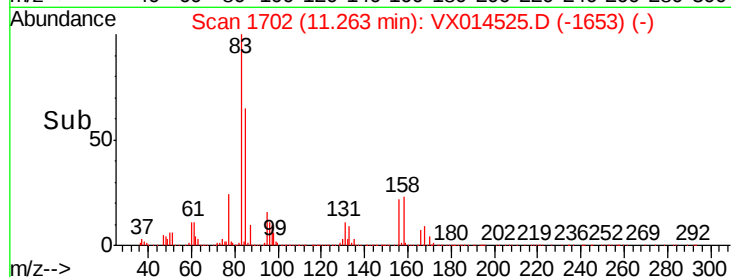
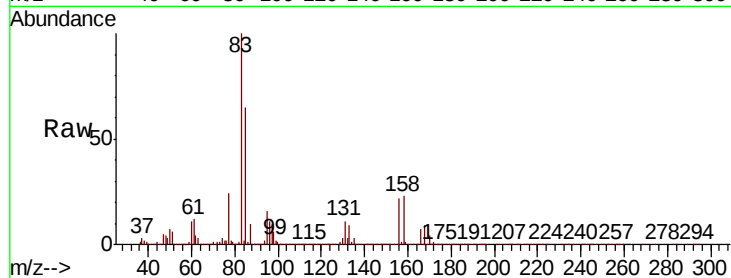
ClientSampled :

VX0110WBS01

Tot Ion:	83	Resp:	147951
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.4
85	63.6	32.5	97.4

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#76

1,2,3-Trichloropropane

Concen: 18.522 ug/l m

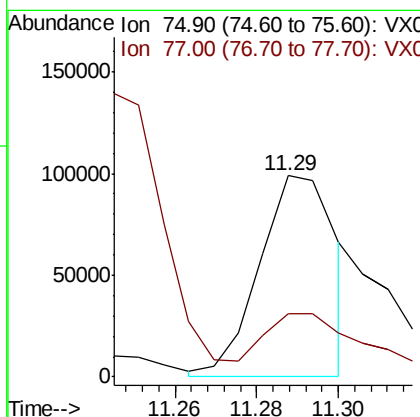
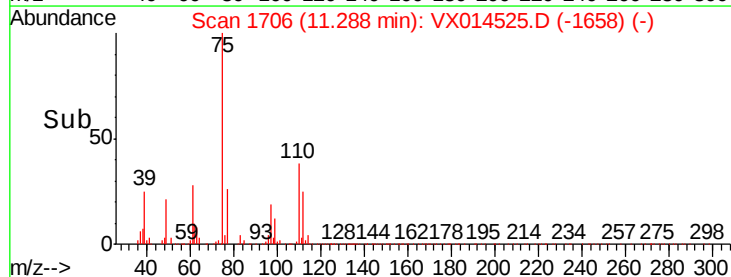
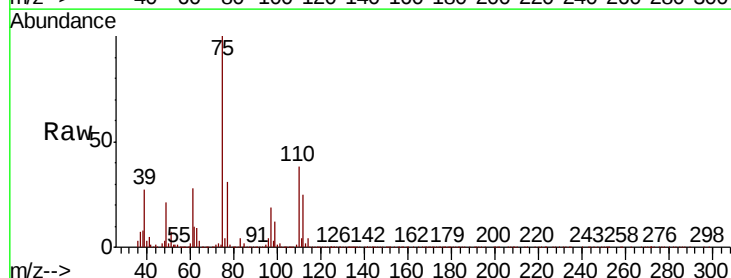
RT: 11.29 min Scan# 1706

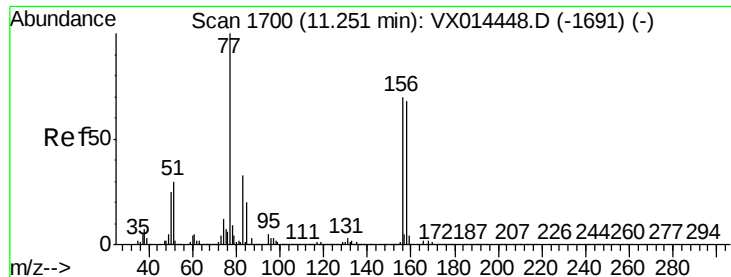
Delta R.T. -0.01 min

Lab File: VX014525.D

Acq: 10 Jan 2020 10:16

Tgt Ion:	75	Resp:	127787
Ion Ratio	Lower	Upper	
75	100		
77	41.1	21.9	65.7





#77

Bromobenzene

Concen: 18.615 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014525.D

Acq: 10 Jan 2020 10:16

Instrument :

MSVOA_X

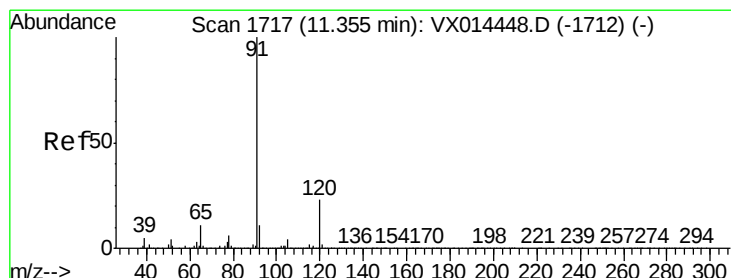
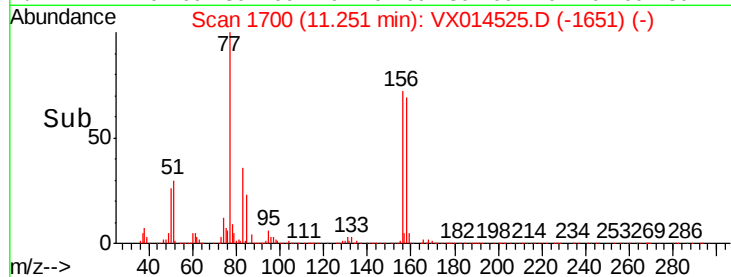
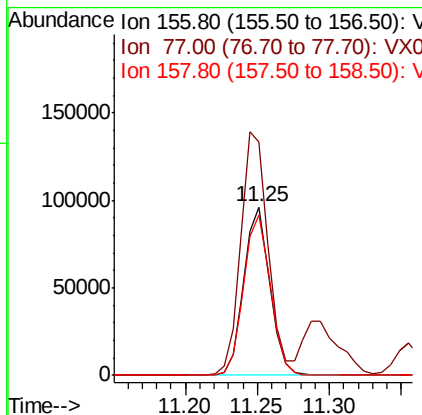
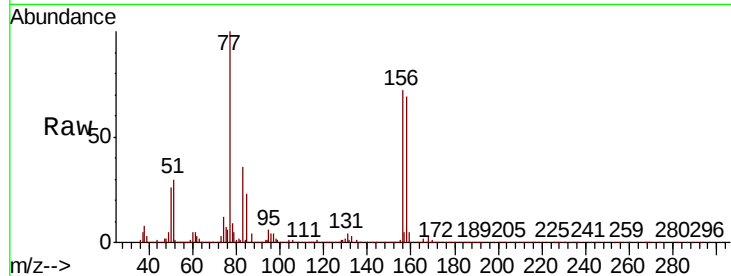
ClientSampleId :

VX0110WBS01

Tot Ion:	156	Resp:	120877
Ion Ratio	Lower	Upper	
156	100		
77	152.2	75.4	226.3
158	97.6	48.8	146.3

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#78

n-propylbenzene

Concen: 19.511 ug/l

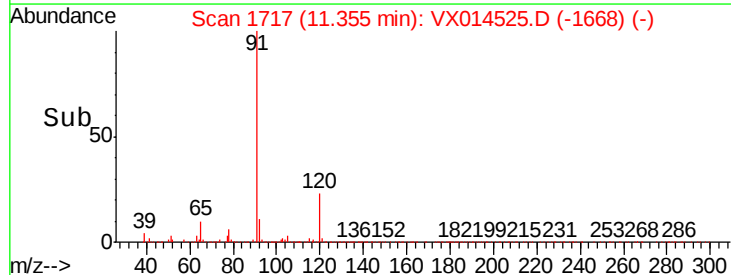
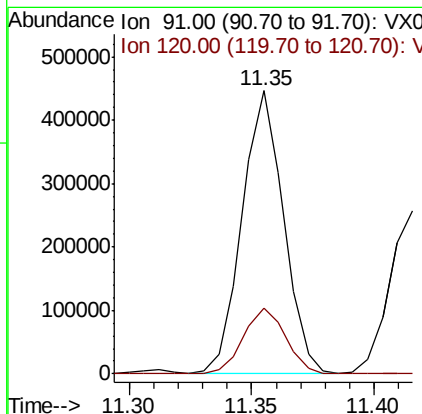
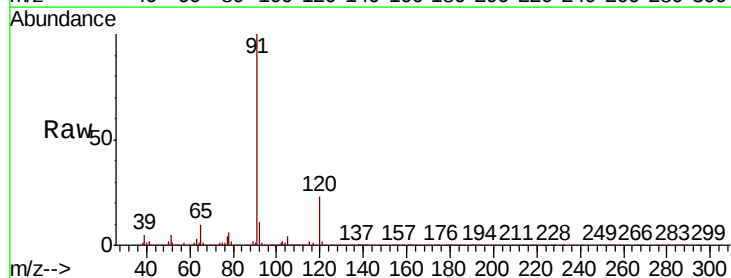
RT: 11.35 min Scan# 1717

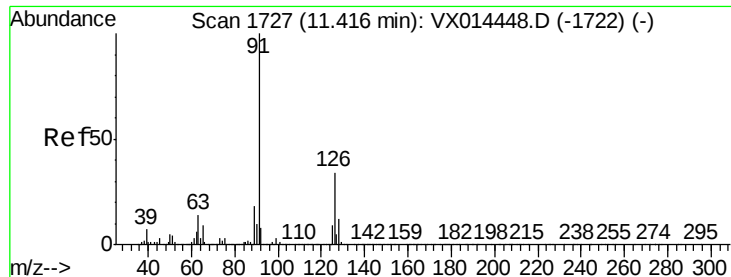
Delta R.T. -0.00 min

Lab File: VX014525.D

Acq: 10 Jan 2020 10:16

Tgt Ion:	91	Resp:	523213
Ion Ratio	Lower	Upper	
91	100		
120	24.0	11.9	35.5





#79

2-Chlorotoluene

Concen: 19.662 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX014525.D

Acq: 10 Jan 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBS01

Tot Ion: 91 Resp: 314251

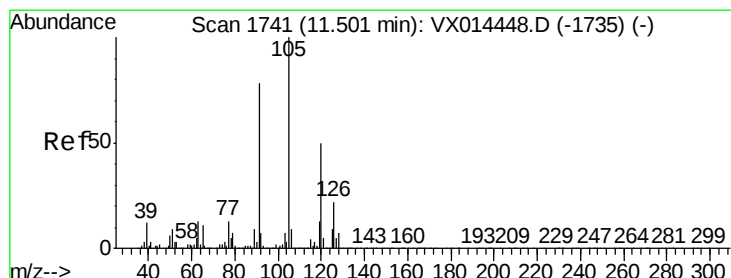
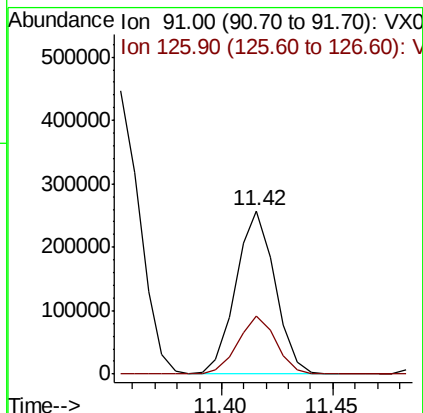
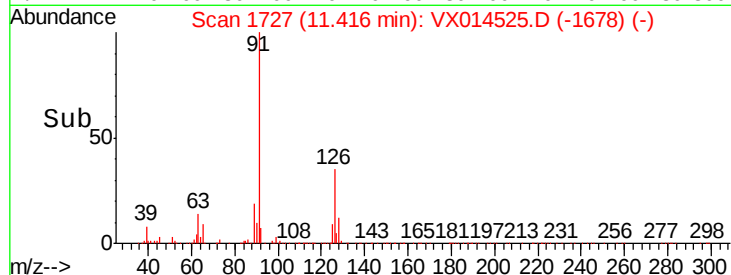
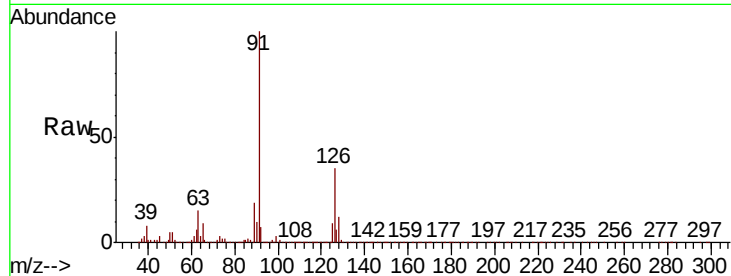
Ion Ratio Lower Upper

91 100

126 34.9 17.5 52.5

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#80

1,3,5-Trimethylbenzene

Concen: 19.931 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX014525.D

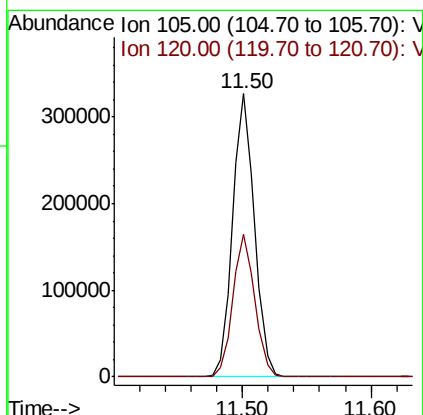
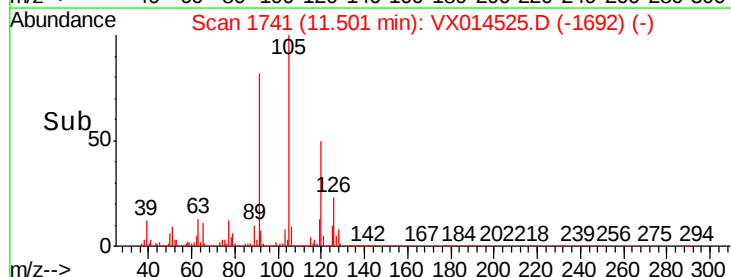
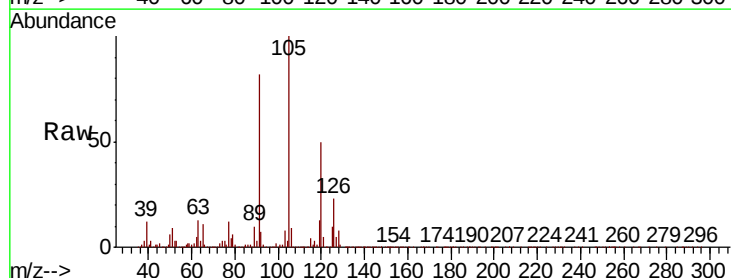
Acq: 10 Jan 2020 10:16

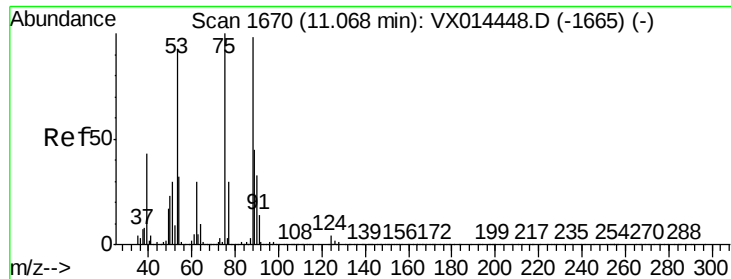
Tgt Ion: 105 Resp: 387472

Ion Ratio Lower Upper

105 100

120 50.6 25.2 75.6





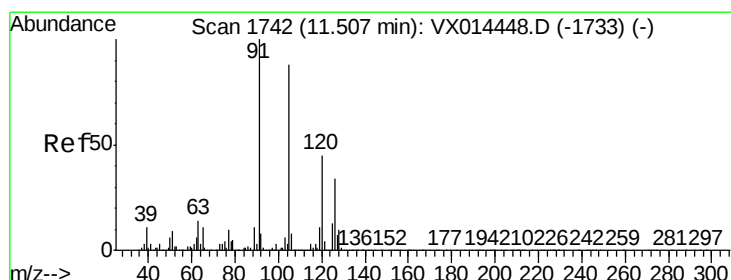
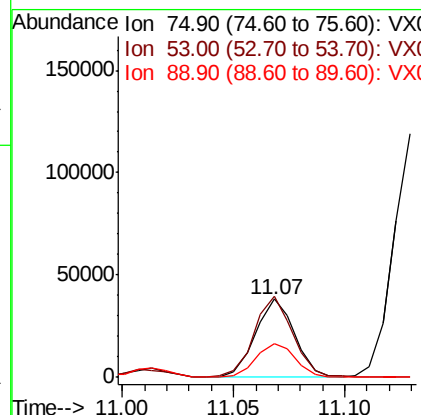
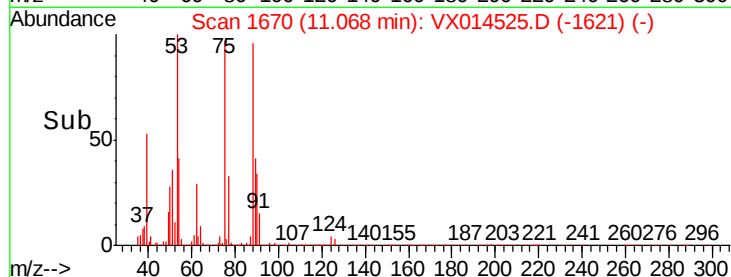
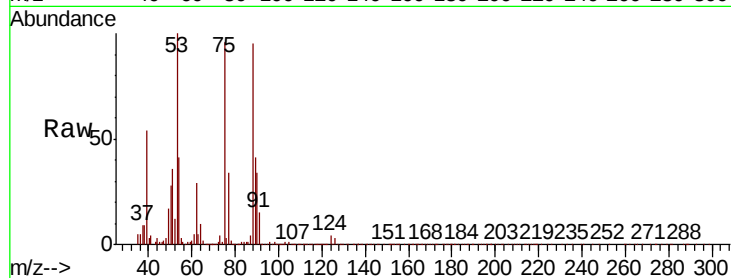
#81
trans-1,4-Dichloro-2-butene
Concen: 17.744 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX014525.D
Acq: 10 Jan 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.5	74.8	112.2
89	43.5	36.3	54.5

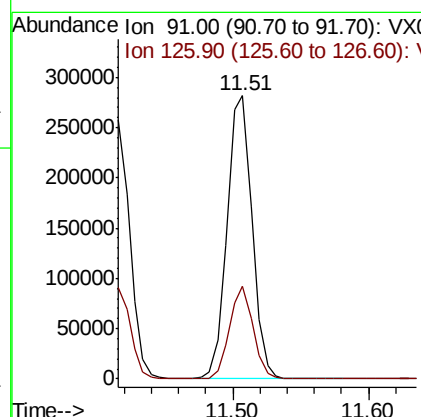
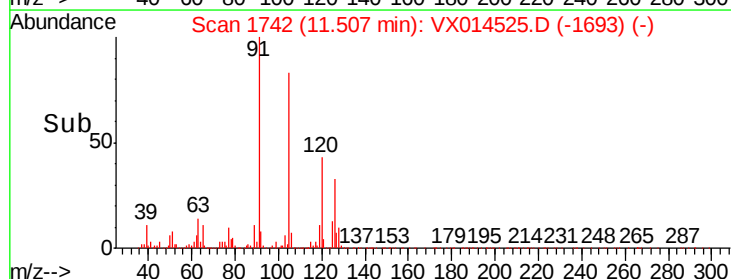
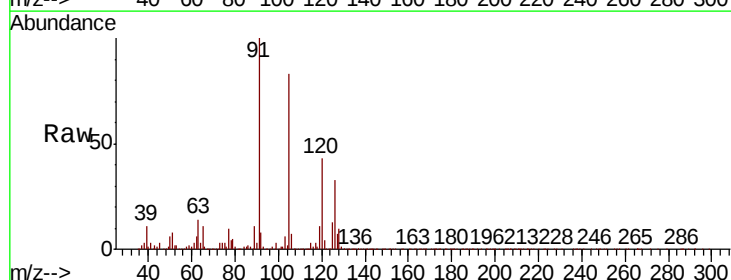
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#82
4-Chlorotoluene
Concen: 18.985 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX014525.D
Acq: 10 Jan 2020 10:16

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.9	47.7





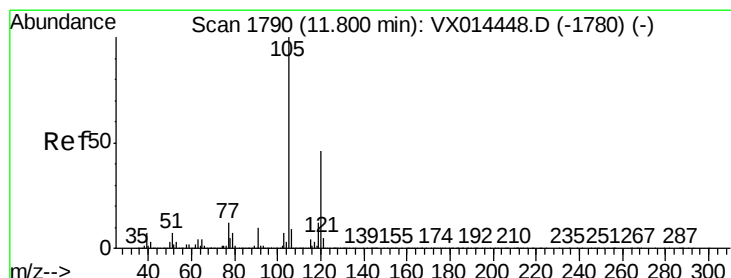
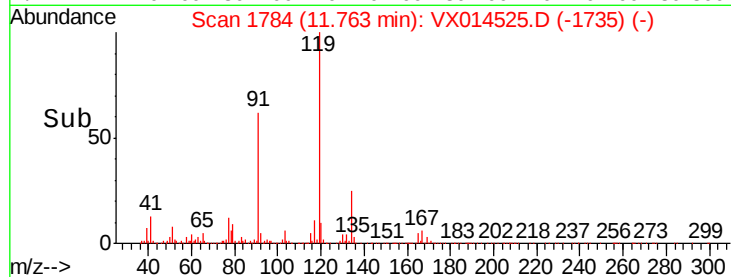
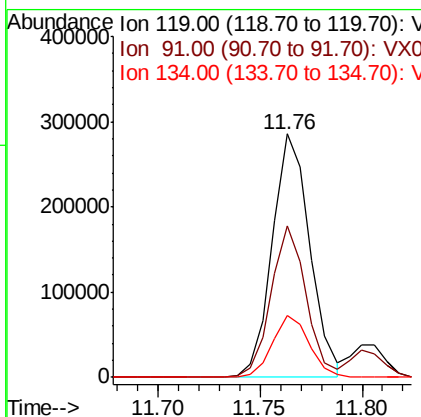
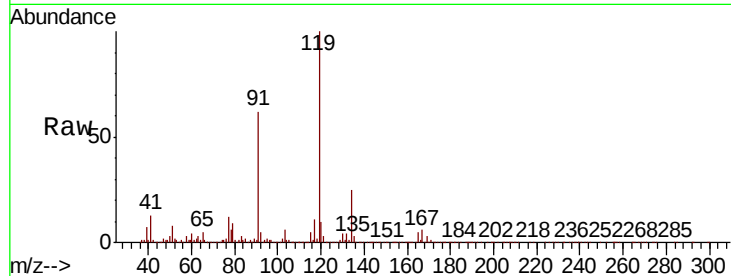
#83
tert-Butylbenzene
Concen: 19.947 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX014525.D
Acq: 10 Jan 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	366393		
91	58.1	29.3	88.0	
134	24.8	12.4	37.4	

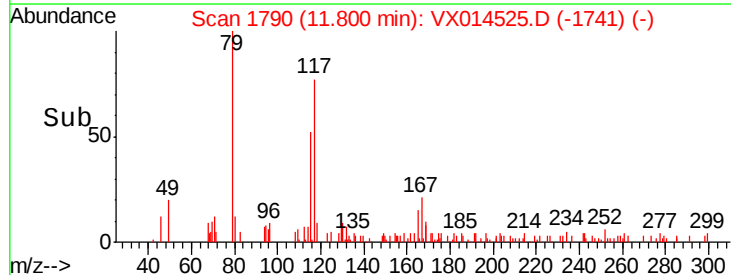
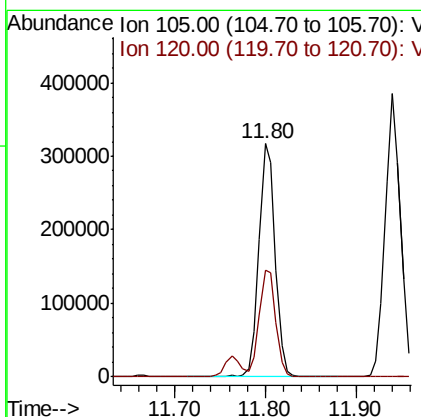
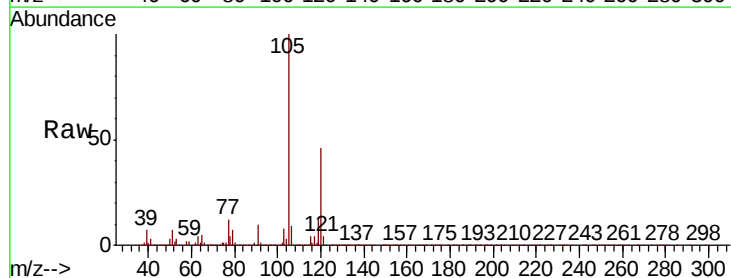
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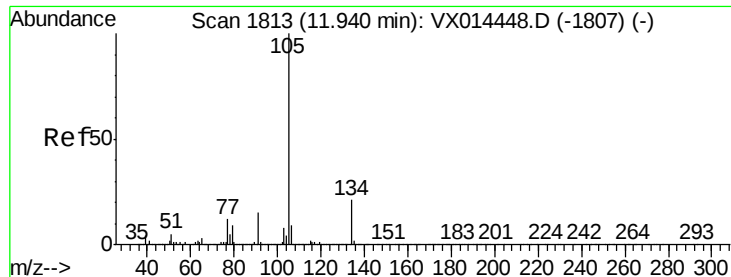
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#84
1,2,4-Trimethylbenzene
Concen: 20.017 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX014525.D
Acq: 10 Jan 2020 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	393219		
120	46.2	23.1	69.3	





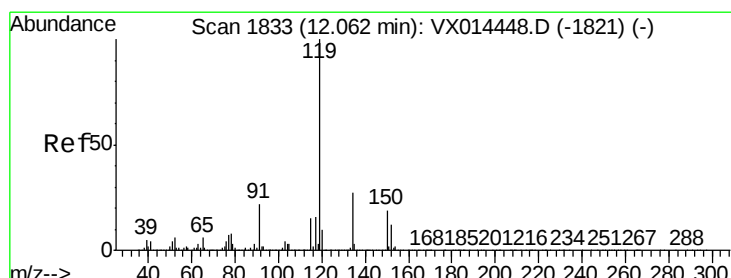
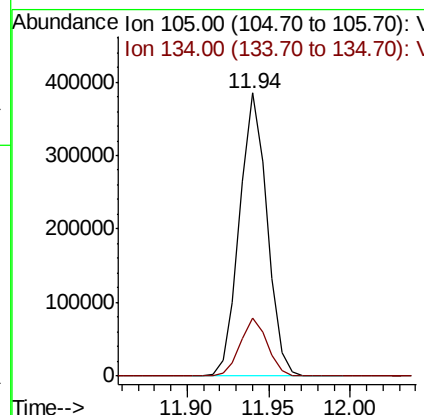
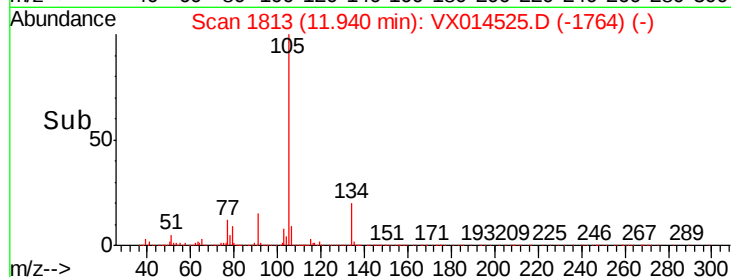
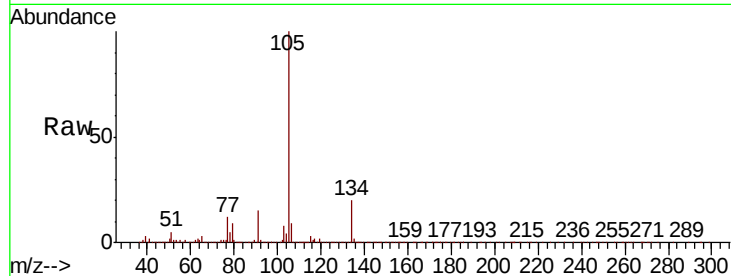
#85
 sec-Butylbenzene
 Concen: 19.802 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX014525.D
 Acq: 10 Jan 2020 10:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.4	10.5	31.5

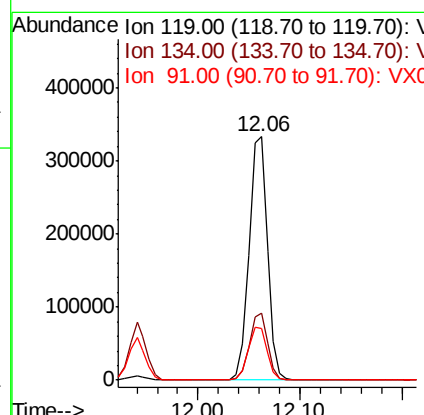
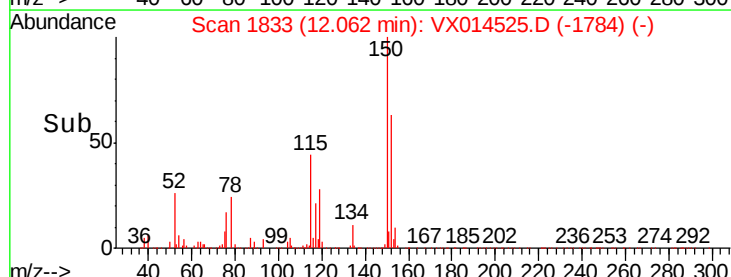
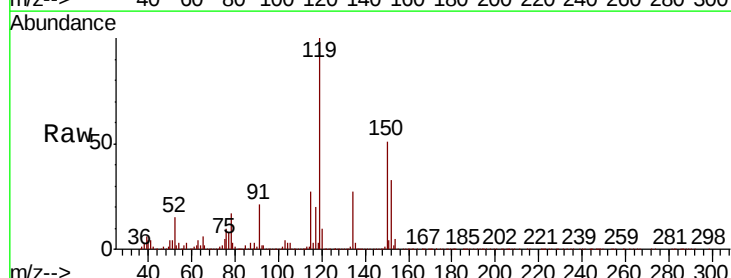
Manual Integrations
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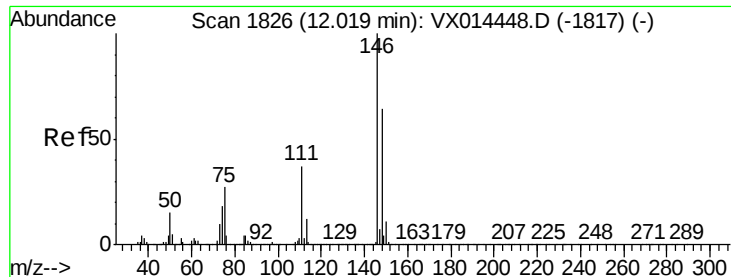
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#86
 p-Isopropyltoluene
 Concen: 19.512 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX014525.D
 Acq: 10 Jan 2020 10:16

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.5	40.4
91	22.1	11.1	33.3





#87

1,3-Dichlorobenzene

Concen: 18.164 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX014525.D

Acq: 10 Jan 2020 10:16

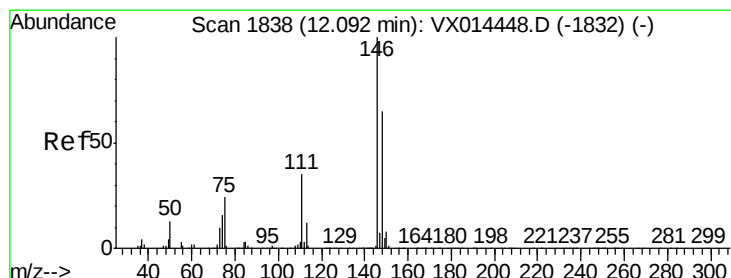
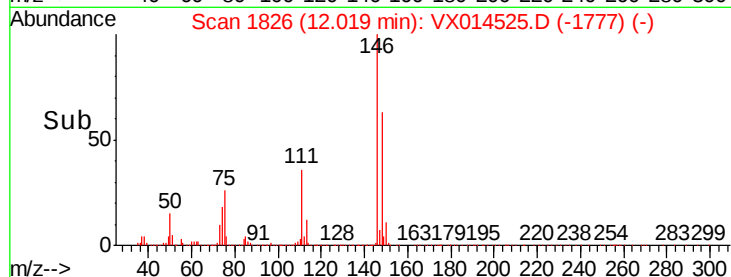
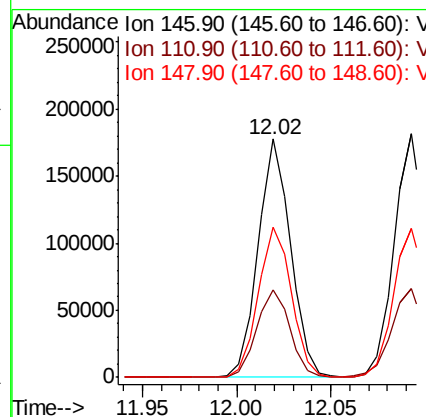
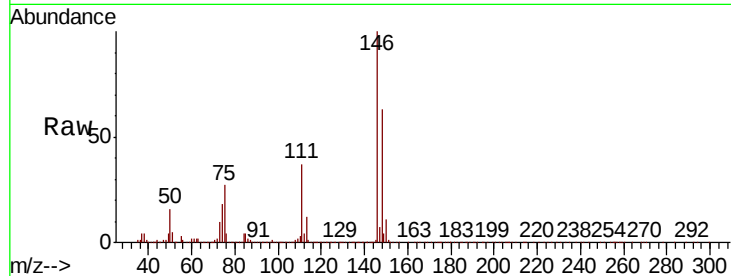
Instrument :
MSVOA_X

ClientSampleId :
VX0110WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.9	56.7
148	64.8	32.2	96.6

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.436 ug/l

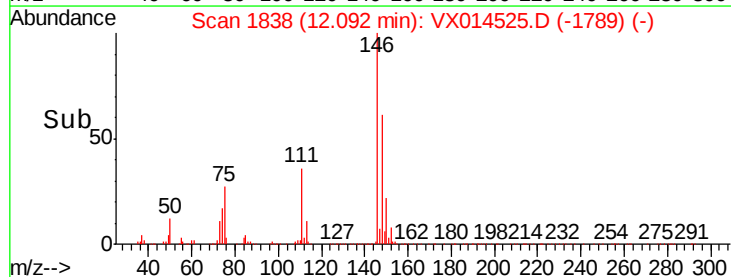
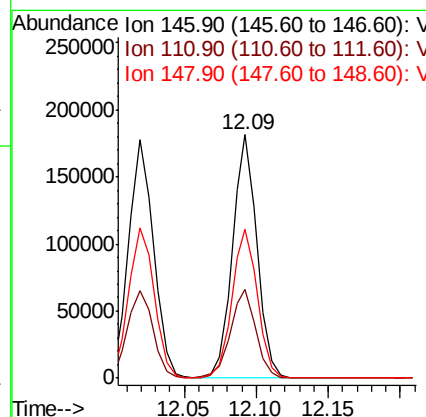
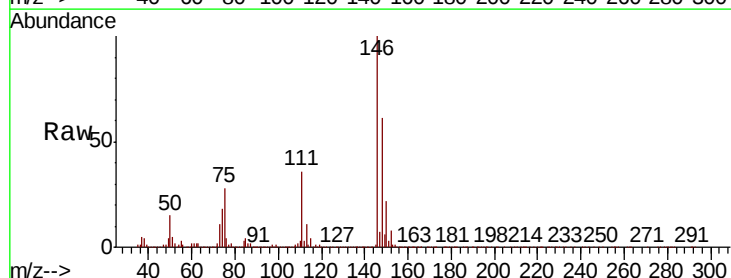
RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014525.D

Acq: 10 Jan 2020 10:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.1	54.1
148	63.6	32.1	96.3





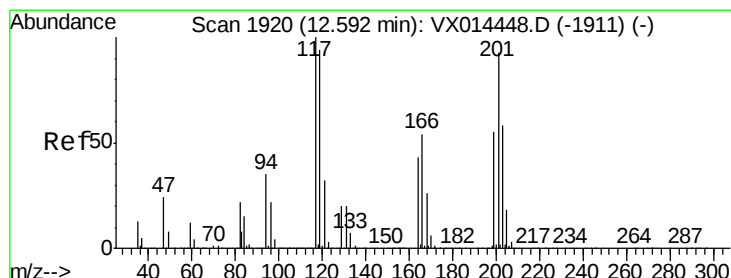
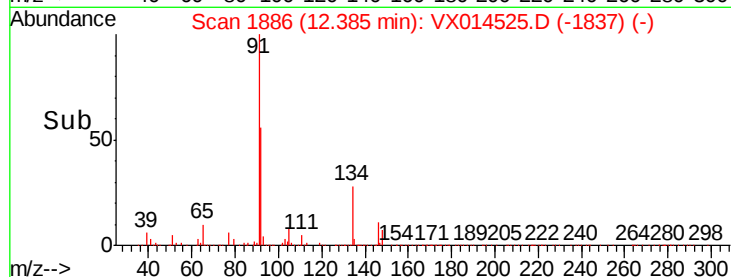
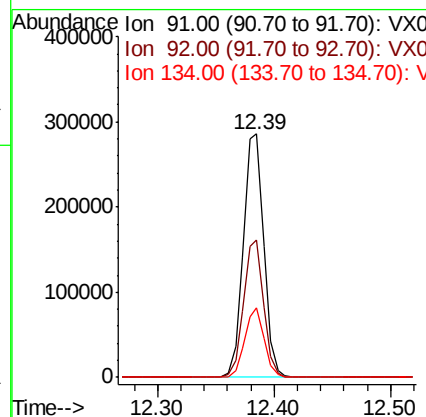
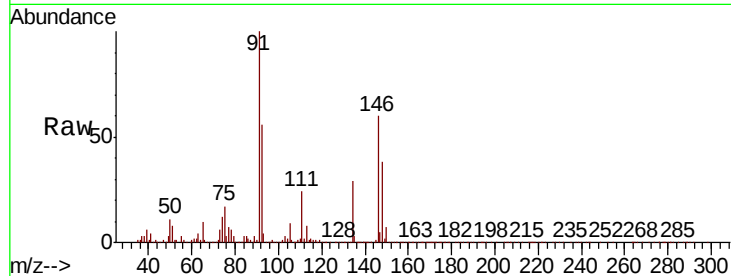
#89
n-Butylbenzene
Concen: 18.142 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014525.D
Acq: 10 Jan 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.4	82.2
134	27.0	13.9	41.7

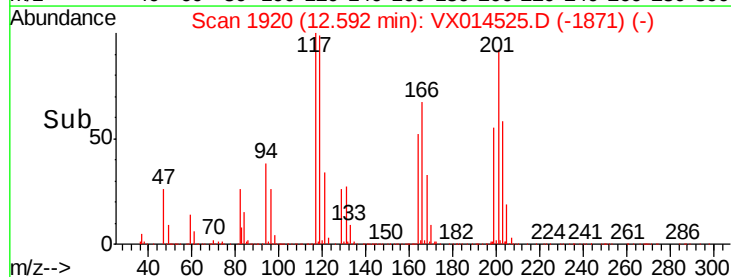
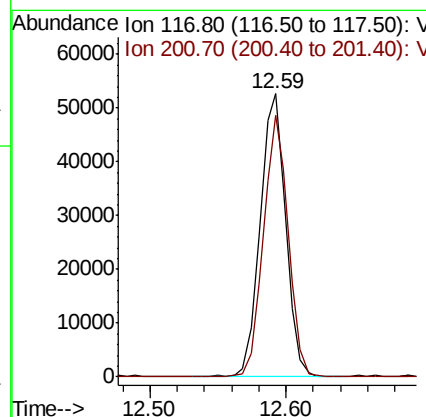
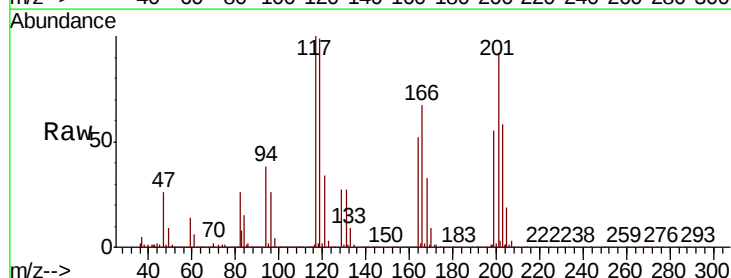
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#90
Hexachloroethane
Concen: 18.575 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014525.D
Acq: 10 Jan 2020 10:16

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.5	44.8	134.3





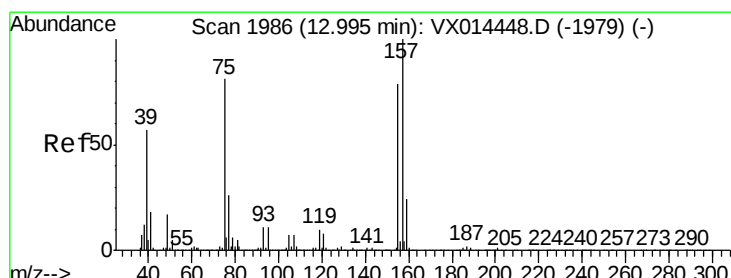
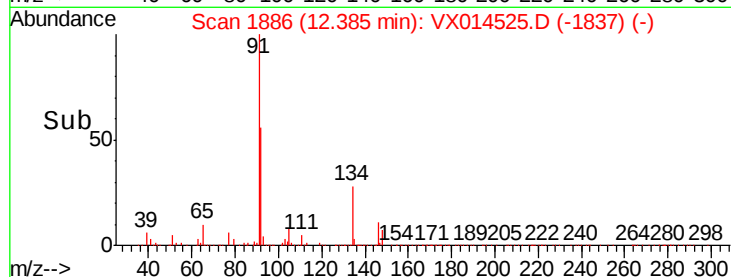
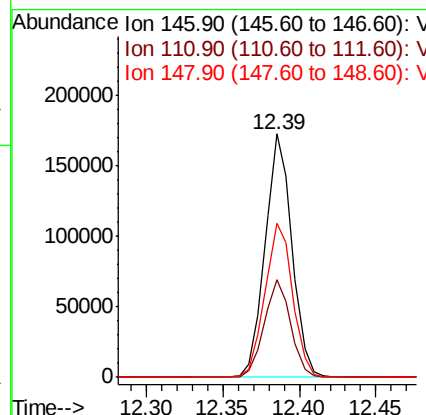
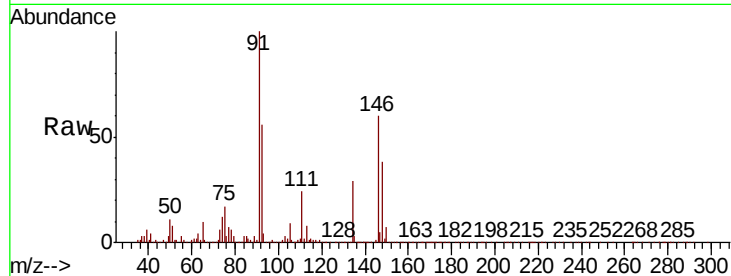
#91
 1,2-Dichlorobenzene
 Concen: 18.620 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014525.D
 Acq: 10 Jan 2020 10:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.8	59.4
148	65.4	32.3	96.8

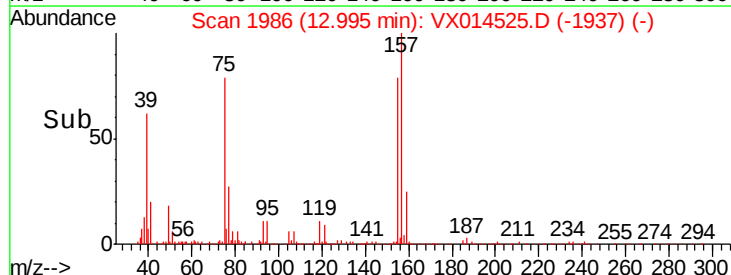
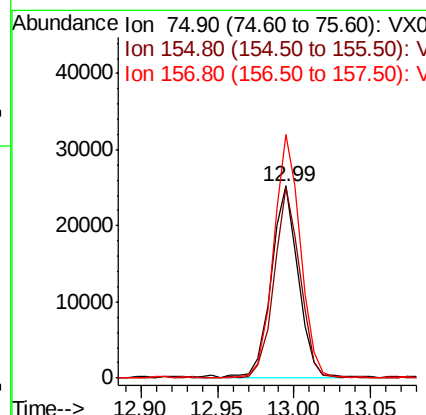
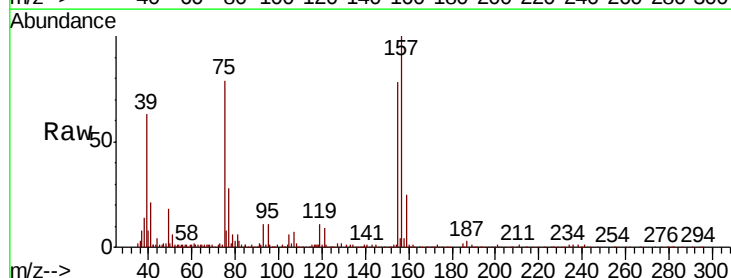
Manual Integrations
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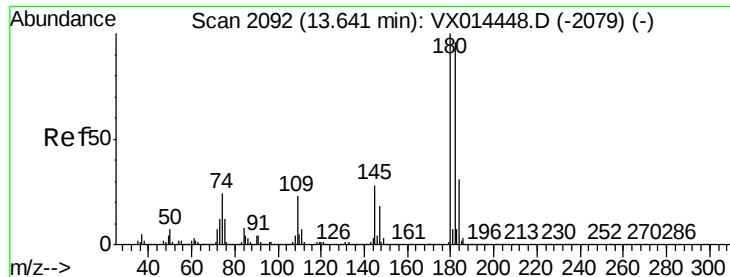
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.215 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX014525.D
 Acq: 10 Jan 2020 10:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.4	48.7	146.1
157	126.6	62.0	185.9





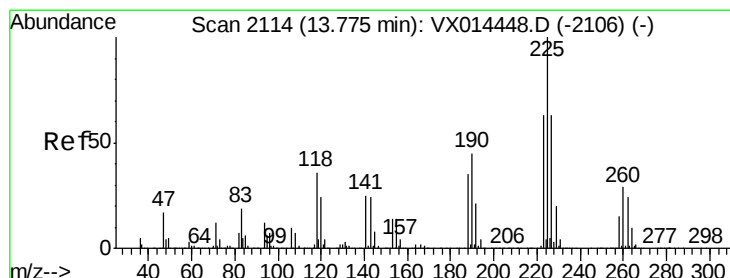
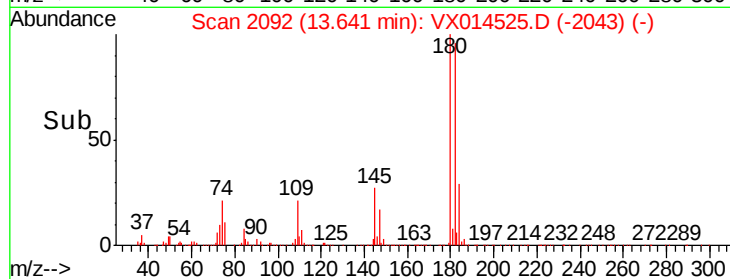
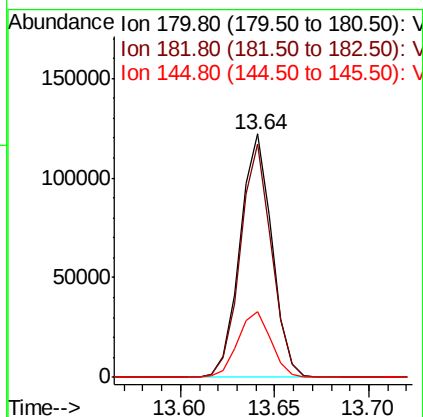
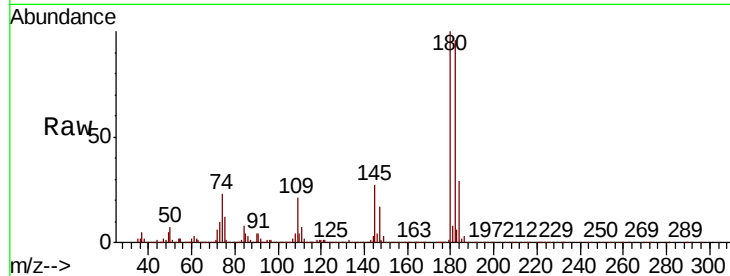
#93
1,2,4-Trichlorobenzene
Concen: 17.793 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014525.D
Acq: 10 Jan 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.5	142.5
145	27.9	13.9	41.6

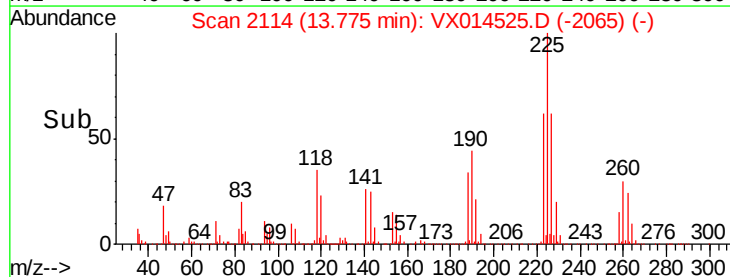
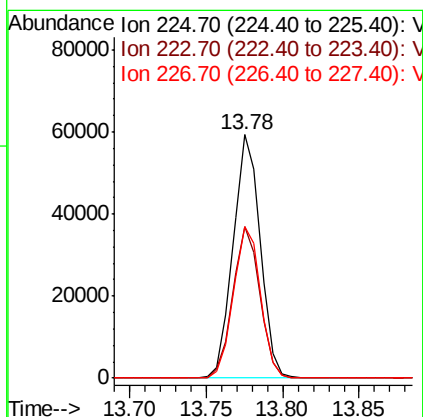
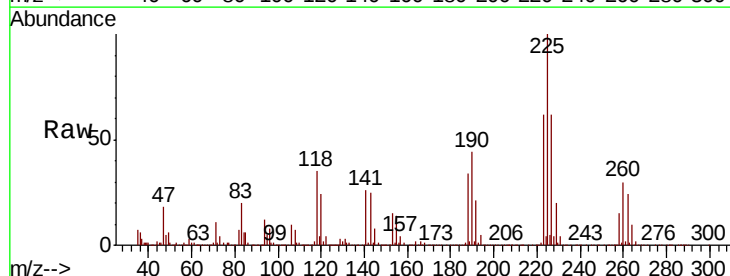
Manual Integrations
APPROVED

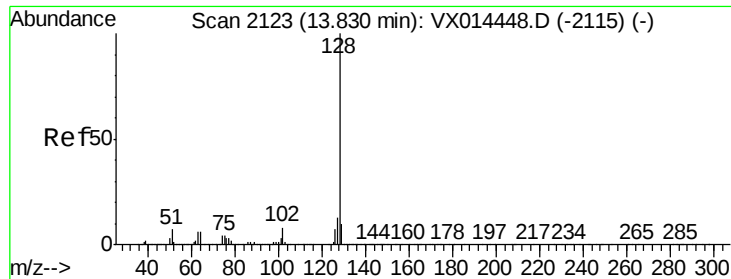
MMDadoda
1/13/2020 11:34:31 AM



#94
Hexachlorobutadiene
Concen: 19.430 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014525.D
Acq: 10 Jan 2020 10:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.1	93.2
227	62.4	31.4	94.2





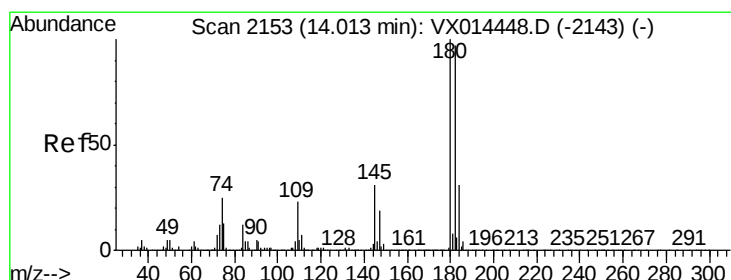
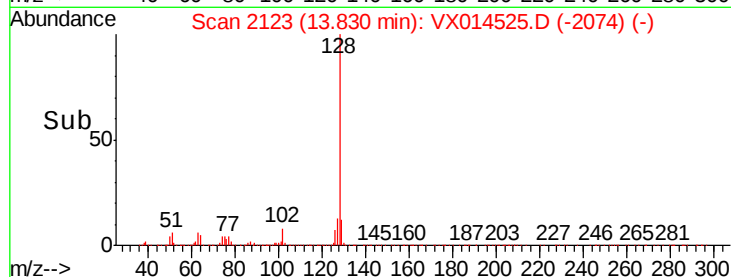
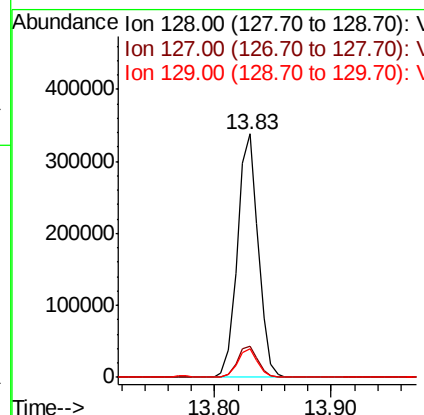
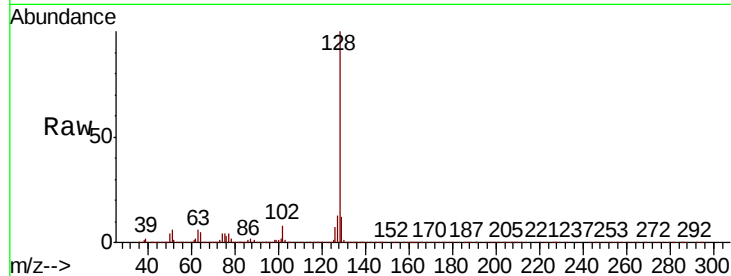
#95
Naphthalene
Concen: 16.916 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014525.D
Acq: 10 Jan 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	11.4	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
1/13/2020 11:34:31 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.101 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014525.D
Acq: 10 Jan 2020 10:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.9	143.6
145	29.9	14.8	44.3

