

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012120\
 Data File : VX014676.D
 Acq On : 21 Jan 2020 11:16
 Operator : JC/SP
 Sample : VX0121WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0121WBSD01

Manual Integrations
 APPROVED

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 1/22/2020 12:26:48 PM

Quant Time: Jan 22 04:41:16 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	426259	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	634528	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	580664	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	294552	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	243627	51.20	ug/l	0.00
Spiked Amount			Recovery	=	102.40%	
35) Dibromofluoromethane	5.48	113	198552	51.69	ug/l	0.00
Spiked Amount			Recovery	=	103.38%	
50) Toluene-d8	8.71	98	752563	50.49	ug/l	0.00
Spiked Amount			Recovery	=	100.98%	
62) 4-Bromofluorobenzene	11.13	95	271226	49.56	ug/l	0.00
Spiked Amount			Recovery	=	99.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	94571	18.032	ug/l	99
3) Chloromethane	1.32	50	100665	18.527	ug/l	99
4) Vinyl Chloride	1.40	62	110458	18.244	ug/l	96
5) Bromomethane	1.63	94	67366	16.785	ug/l	98
6) Chloroethane	1.72	64	62901	18.247	ug/l	99
7) Trichlorofluoromethane	1.92	101	127376	18.546	ug/l	99
8) Diethyl Ether	2.18	74	58700	18.734	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	77665	18.587	ug/l	97
10) Methyl Iodide	2.50	142	93378	18.663	ug/l	99
11) Tert butyl alcohol	3.02	59	101773	102.432	ug/l	98
12) 1,1-Dichloroethene	2.36	96	75466	17.926	ug/l	97
13) Acrolein	2.28	56	51717	64.941	ug/l	96
14) Allyl chloride	2.72	41	137892	18.656	ug/l	98
15) Acrylonitrile	3.12	53	241015	100.507	ug/l	99
16) Acetone	2.43	43	249781	102.220	ug/l	99
17) Carbon Disulfide	2.56	76	182943	15.574	ug/l	98
18) Methyl Acetate	2.76	43	150144	21.953	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	264465	19.569	ug/l	98
20) Methylene Chloride	2.85	84	91923	19.203	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	79257	17.245	ug/l	99
22) Diisopropyl ether	3.84	45	294022	20.584	ug/l	94
23) Vinyl Acetate	3.80	43	1105076	99.927	ug/l	99
24) 1,1-Dichloroethane	3.69	63	153468	19.750	ug/l	99
25) 2-Butanone	4.65	43	357580	100.600	ug/l	99
26) 2,2-Dichloropropane	4.58	77	121069	18.393	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	93702	18.237	ug/l	97
28) Bromochloromethane	5.00	49	63442	19.376	ug/l	96
29) Tetrahydrofuran	5.11	42	215281	102.439	ug/l	97
30) Chloroform	5.19	83	148296	19.531	ug/l	97
31) Cyclohexane	5.57	56	133840	18.402	ug/l	94
32) 1,1,1-Trichloroethane	5.48	97	123811	19.049	ug/l	99
36) 1,1-Dichloropropene	5.79	75	110408	18.503	ug/l	98
37) Ethyl Acetate	4.81	43	129404	19.965	ug/l	98
38) Carbon Tetrachloride	5.78	117	104159	18.968	ug/l	97

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 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	134201	17.901	ug/l	97
40) Benzene	6.13	78	341665	19.292	ug/l	98
41) Methacrylonitrile	5.02	41	71748	20.758	ug/l	98
42) 1,2-Dichloroethane	6.17	62	122685	19.813	ug/l	100
43) Isopropyl Acetate	6.43	43	209096	19.970	ug/l	98
44) Trichloroethene	7.20	130	94715	18.610	ug/l	100
45) 1,2-Dichloropropane	7.50	63	91312	20.223	ug/l	97
46) Dibromomethane	7.65	93	59142	18.766	ug/l	99
47) Bromodichloromethane	7.89	83	115487	20.139	ug/l	95
48) Methyl methacrylate	7.76	41	101254	20.191	ug/l	97
49) 1,4-Dioxane	7.73	88	43583	410.159	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	668767	104.815	ug/l	98
52) Toluene	8.78	92	212772	18.768	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	123283	18.466	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	139592	19.356	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	90805	19.941	ug/l	97
56) Ethyl methacrylate	9.17	69	136069	19.504	ug/l	99
57) 1,3-Dichloropropane	9.36	76	155258	20.392	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	231440	97.504	ug/l	99
59) 2-Hexanone	9.48	43	522723	103.541	ug/l	98
60) Dibromochloromethane	9.57	129	91026	19.888	ug/l	99
61) 1,2-Dibromoethane	9.67	107	94218	19.532	ug/l	100
64) Tetrachloroethene	9.33	164	104854	18.018	ug/l	98
65) Chlorobenzene	10.13	112	232816	18.476	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	85204	18.947	ug/l	98
67) Ethyl Benzene	10.25	91	398985	18.576	ug/l	99
68) m/p-Xylenes	10.36	106	306485	36.987	ug/l	98
69) o-Xylene	10.70	106	146889	18.579	ug/l	100
70) Styrene	10.71	104	252253	18.488	ug/l	99
71) Bromoform	10.85	173	67726	18.407	ug/l #	100
73) Isopropylbenzene	11.01	105	397339	19.210	ug/l	99
74) N-amyl acetate	10.89	43	172155	18.865	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	135577	20.439	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	116140m	19.057	ug/l	
77) Bromobenzene	11.25	156	103595	18.060	ug/l	98
78) n-propylbenzene	11.35	91	455739	19.239	ug/l	99
79) 2-Chlorotoluene	11.42	91	271200	19.210	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	326439	19.009	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	41443	17.979	ug/l	91
82) 4-Chlorotoluene	11.51	91	306033	18.467	ug/l	98
83) tert-Butylbenzene	11.76	119	304421	18.762	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	333807	19.237	ug/l	100
85) sec-Butylbenzene	11.94	105	380699	18.874	ug/l	99
86) p-Isopropyltoluene	12.06	119	351356	18.771	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	184086	17.882	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	188005	19.077	ug/l	98
89) n-Butylbenzene	12.39	91	296287	17.312	ug/l	98
90) Hexachloroethane	12.59	117	60726	18.470	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	186816	18.523	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	27860	18.672	ug/l	97

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Instrument :
MSVOA_X
ClientSampleId :
VX0121WBSD01

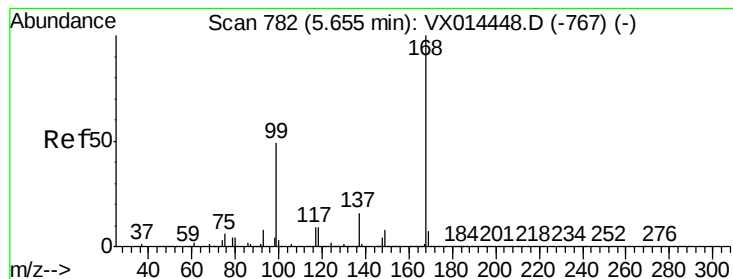
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	122260	17.198	ug/l	99
94) Hexachlorobutadiene	13.78	225	61746	18.663	ug/l	96
95) Naphthalene	13.83	128	364872	16.607	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	123558	17.611	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

VX0121WBSD01

Tot Ion:168 Resp: 426259

Ion Ratio Lower Upper

168 100

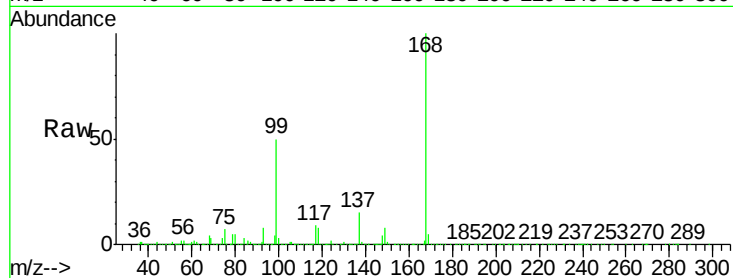
99 49.9 39.2 58.8

Manual Integrations

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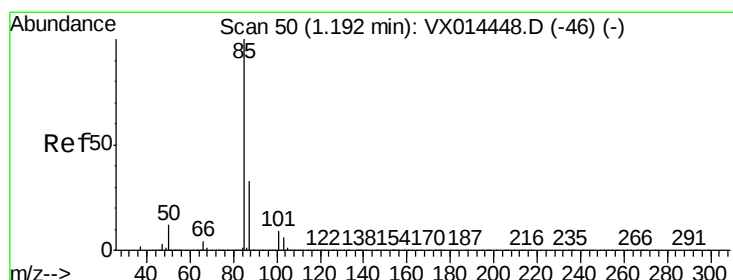
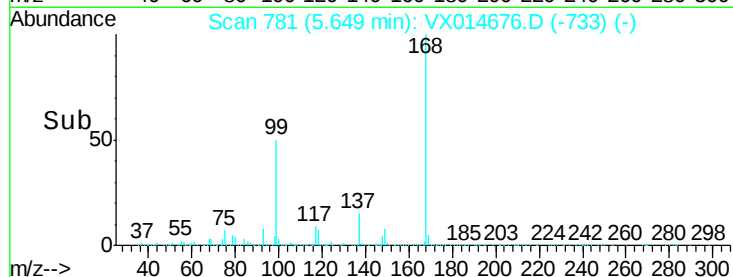
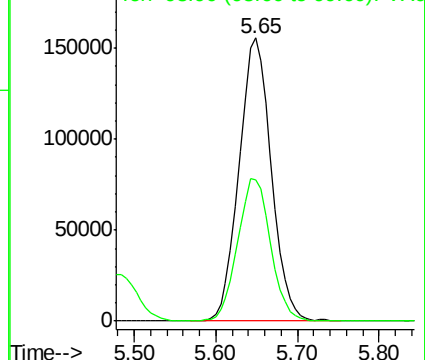
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.032 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014676.D

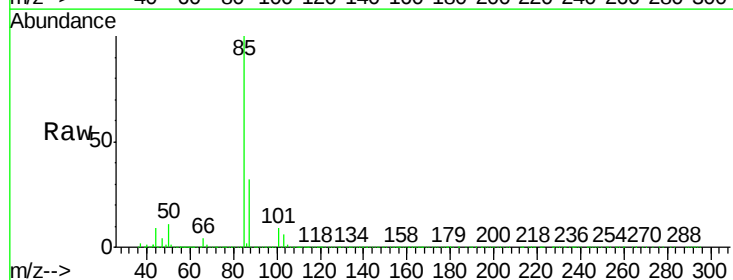
Acq: 21 Jan 2020 11:16

Tgt Ion: 85 Resp: 94571

Ion Ratio Lower Upper

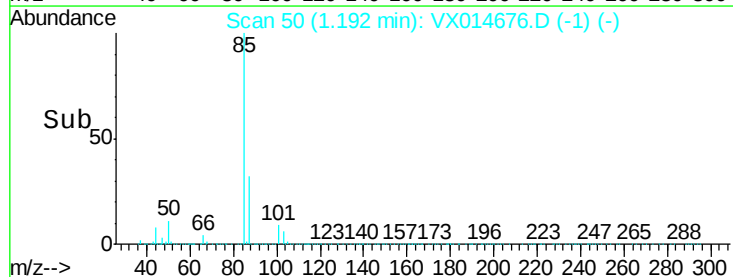
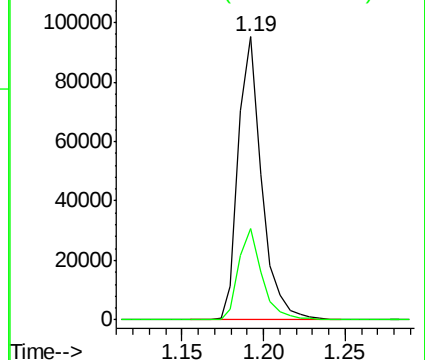
85 100

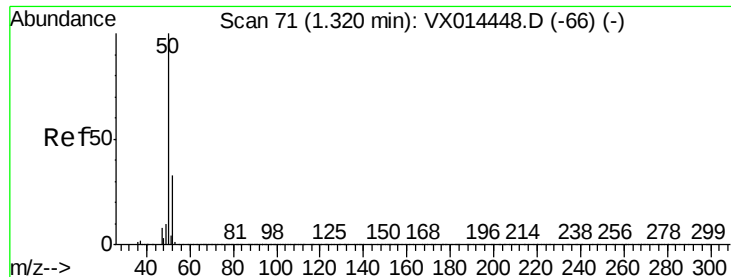
87 32.3 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.527 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

VX0121WBSD01

Tot Ion: 50 Resp: 100665

Ion Ratio Lower Upper

50 100

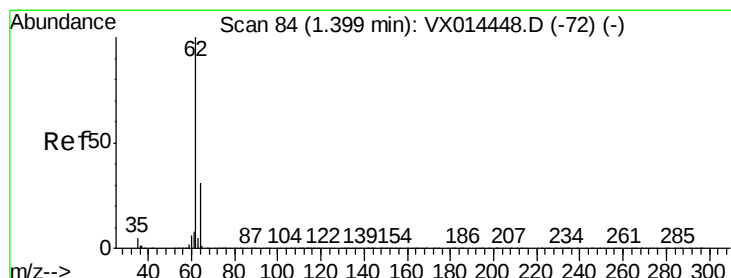
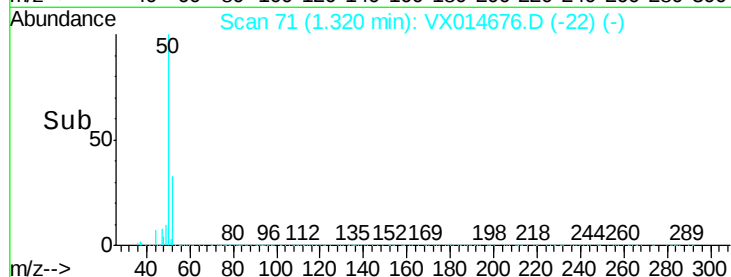
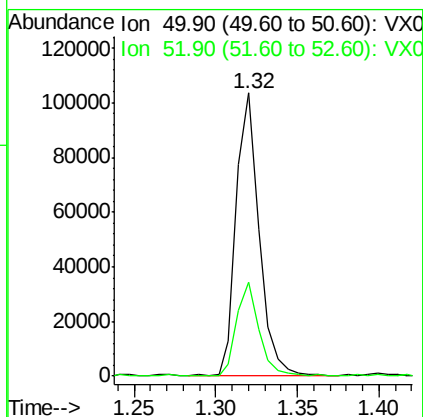
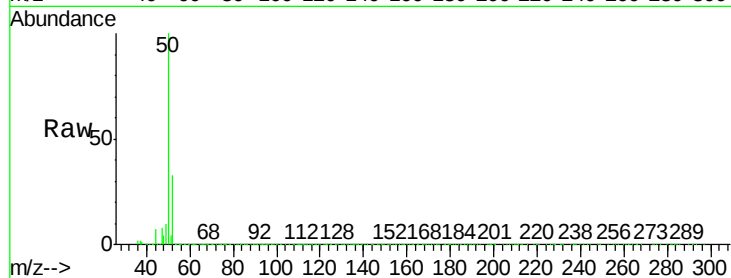
52 33.3 26.1 39.1

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#4

Vinyl Chloride

Concen: 18.244 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014676.D

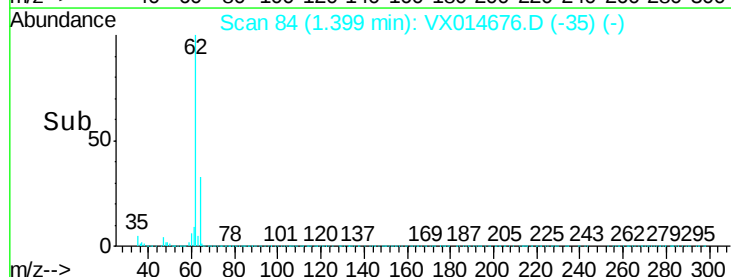
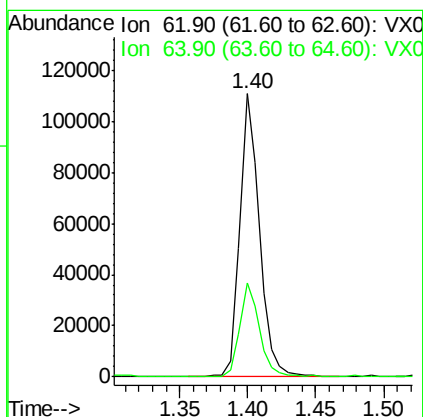
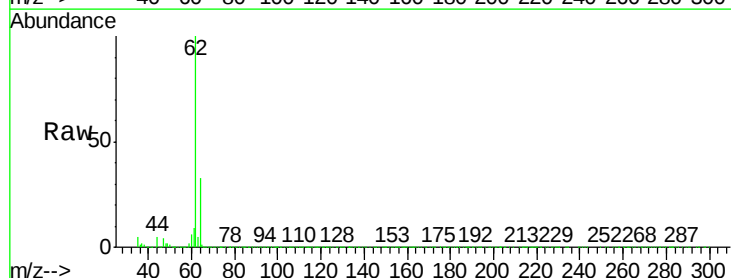
Acq: 21 Jan 2020 11:16

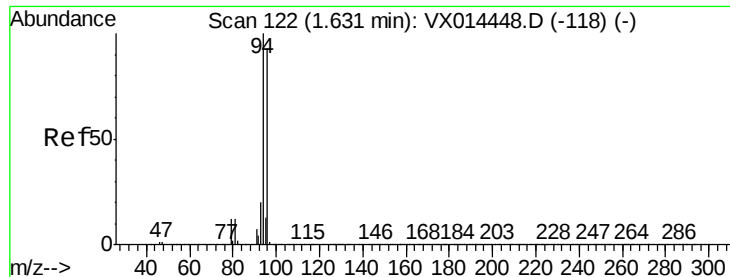
Tgt Ion: 62 Resp: 110458

Ion Ratio Lower Upper

62 100

64 32.9 24.6 37.0





#5

Bromomethane

Concen: 16.785 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Instrument :

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ClientSampleId :

VX0121WBSD01

Tot Ion: 94 Resp: 67366

Ion Ratio Lower Upper

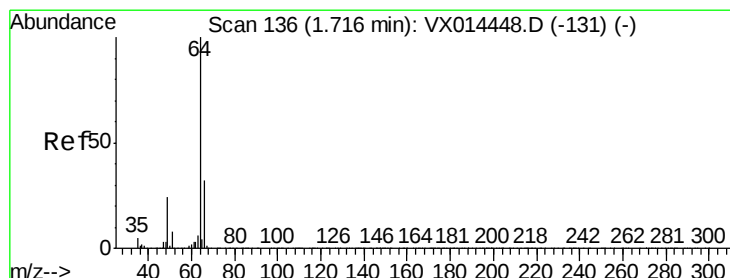
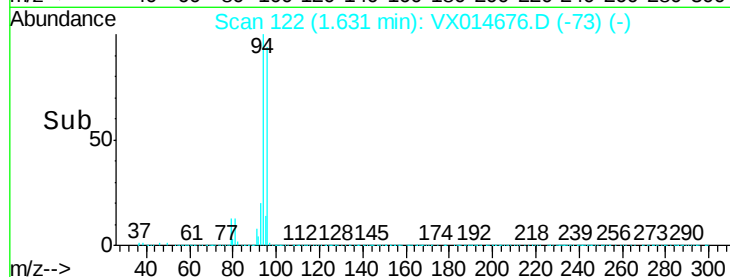
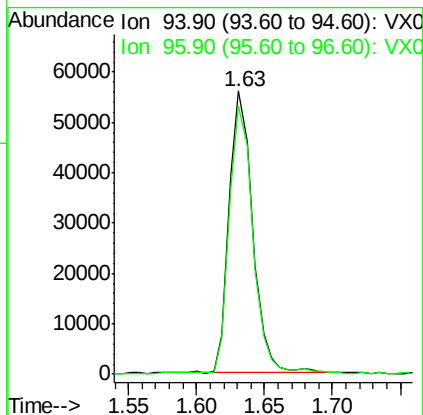
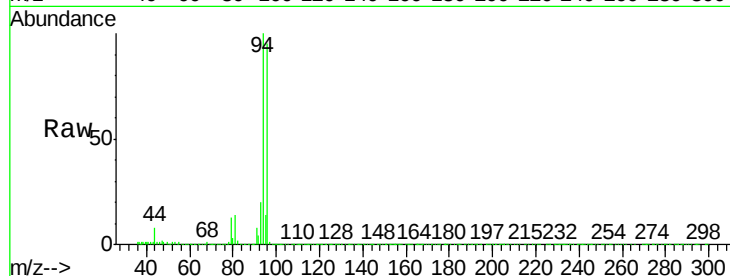
94 100

96 94.5 74.2 111.2

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#6

Chloroethane

Concen: 18.247 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014676.D

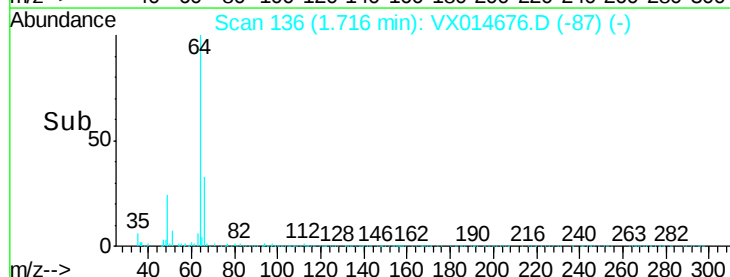
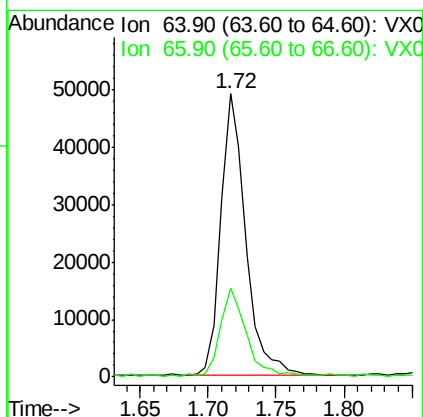
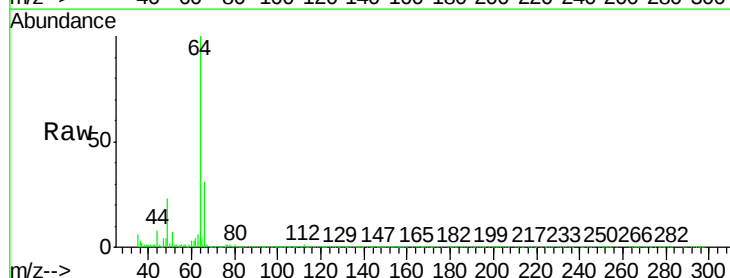
Acq: 21 Jan 2020 11:16

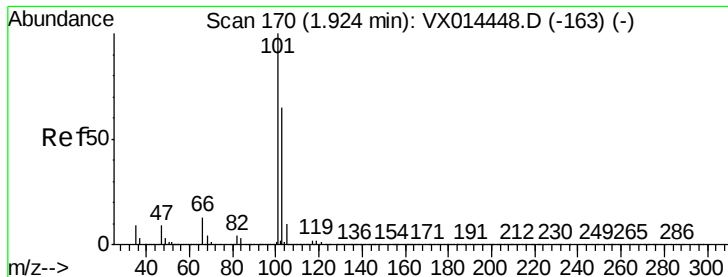
Tgt Ion: 64 Resp: 62901

Ion Ratio Lower Upper

64 100

66 31.2 25.3 37.9





#7

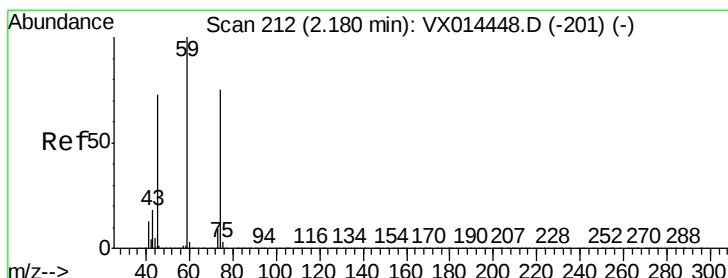
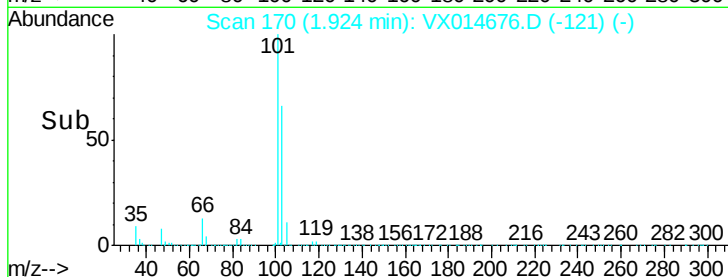
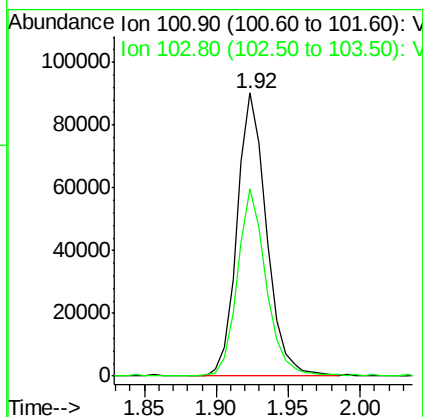
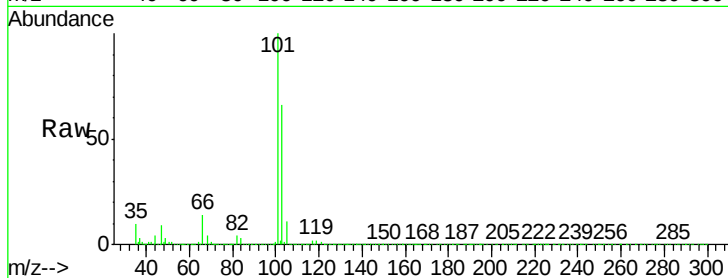
Trichlorofluoromethane
Concen: 18.546 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

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ClientSampleId :
VX0121WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.1	52.2	78.4

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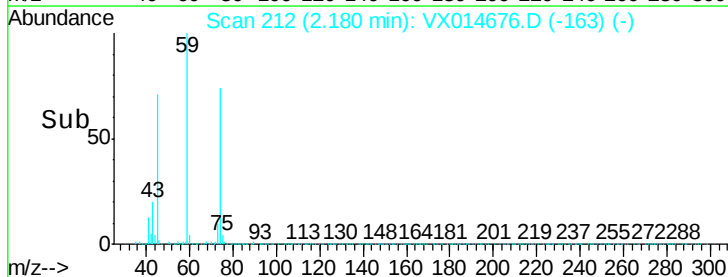
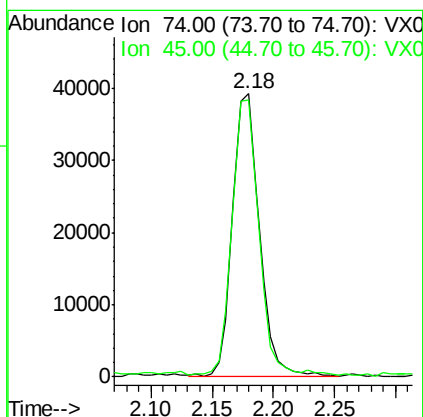
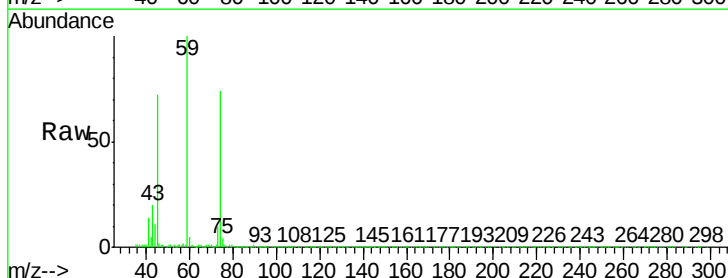
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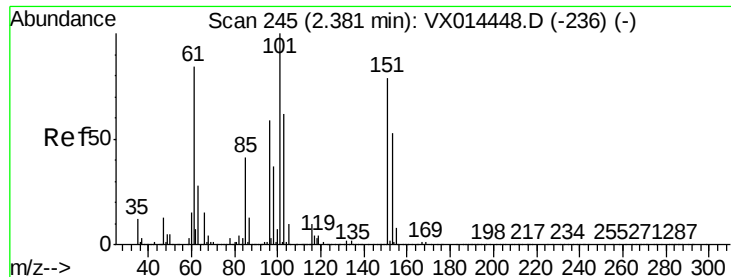


#8

Diethyl Ether
Concen: 18.734 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.1	48.7	146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.587 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Instrument :

MSVOA_X

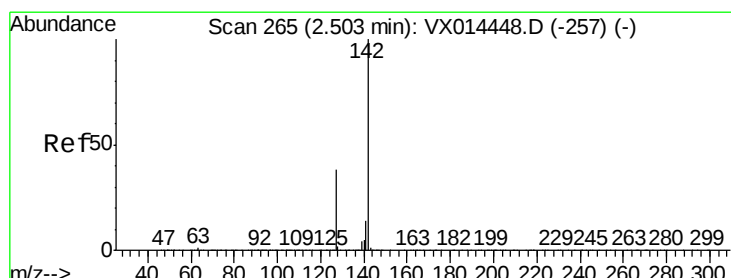
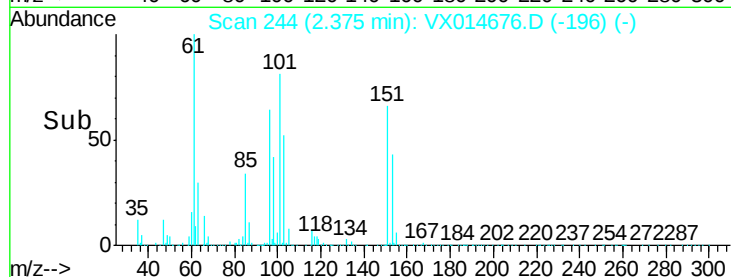
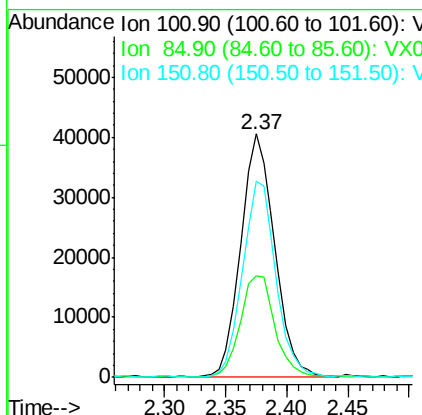
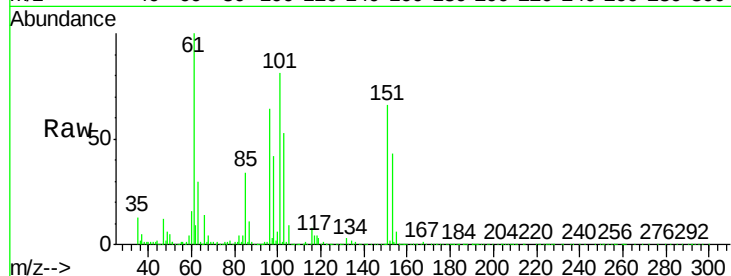
ClientSampleId :

VX0121WBSD01

Tot Ion:	101	Resp:	77665
Ion Ratio	Lower	Upper	
101	100		
85	43.7	33.8	50.8
151	79.0	65.3	97.9

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#10

Methyl Iodide

Concen: 18.663 ug/l

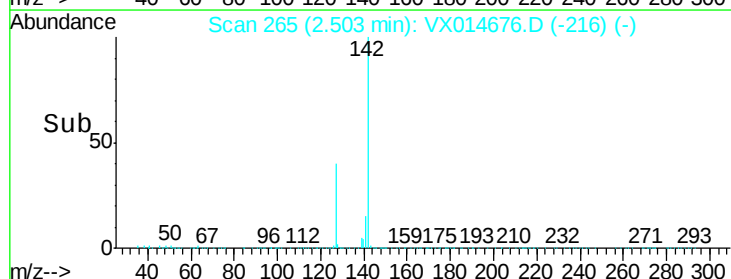
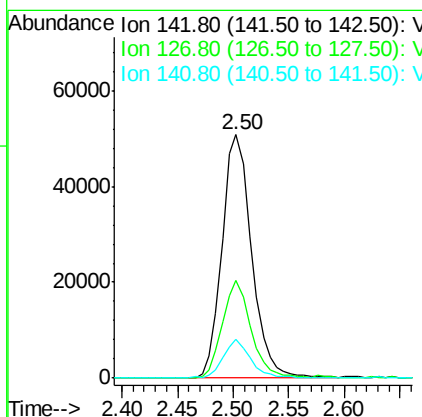
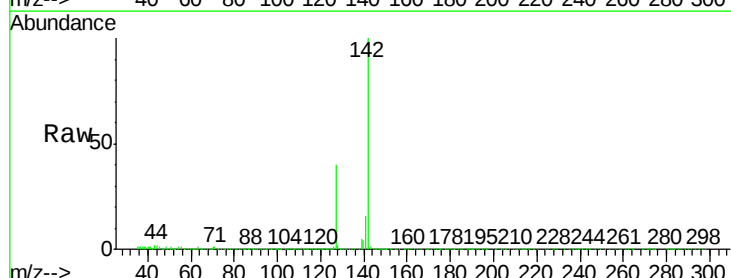
RT: 2.50 min Scan# 265

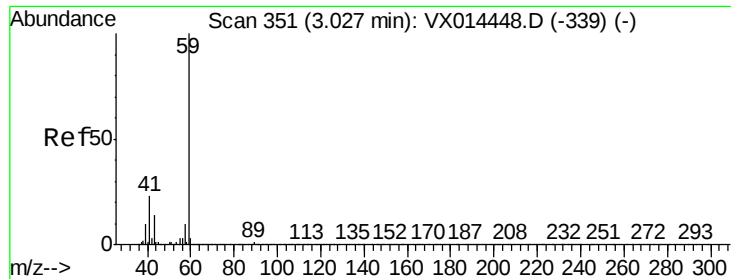
Delta R.T. 0.00 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Tgt Ion:	142	Resp:	93378
Ion Ratio	Lower	Upper	
142	100		
127	39.0	31.2	46.8
141	15.1	11.4	17.2





#11

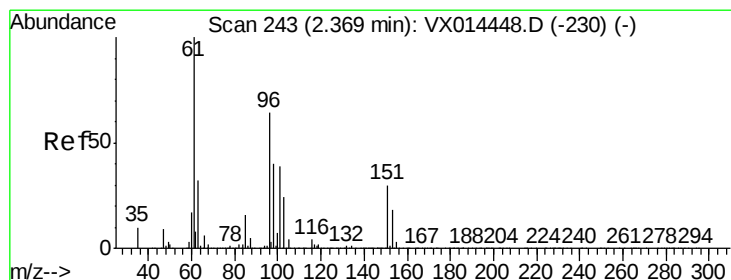
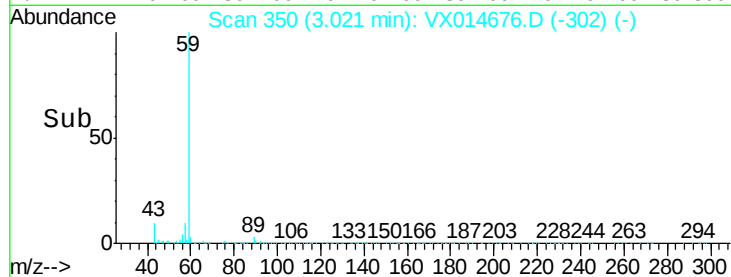
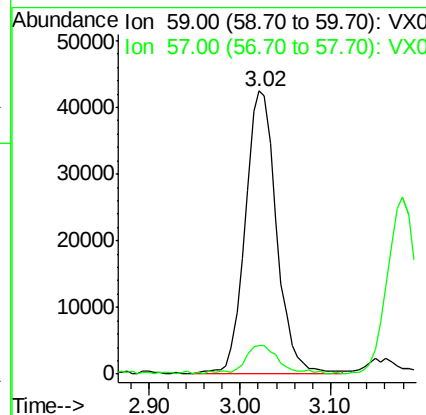
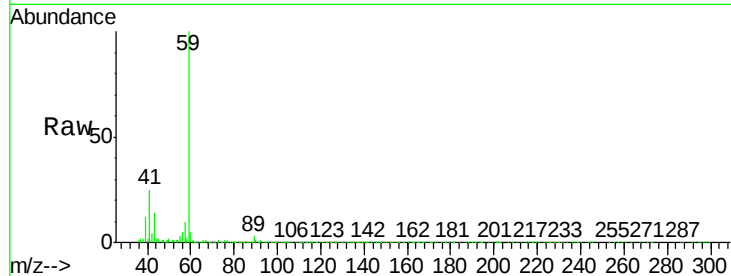
Tert butyl alcohol
 Concen: 102.432 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VX014676.D
 Acq: 21 Jan 2020 11:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0121WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.5	12.7

Manual Integrations
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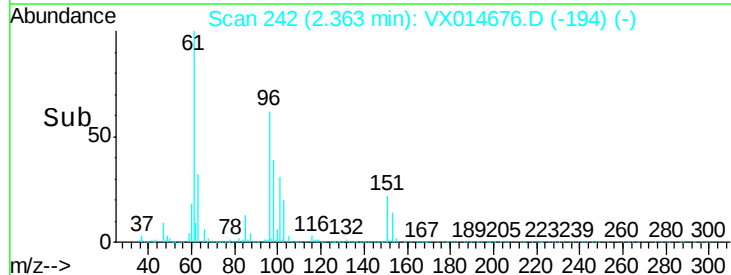
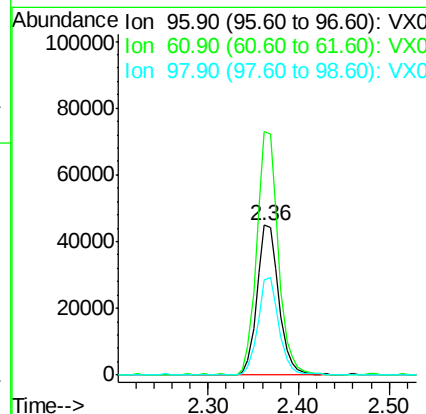
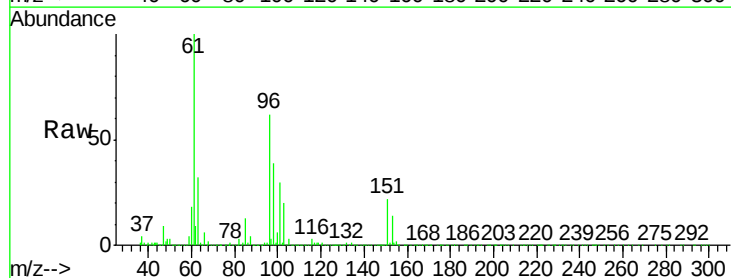
MMDadoda
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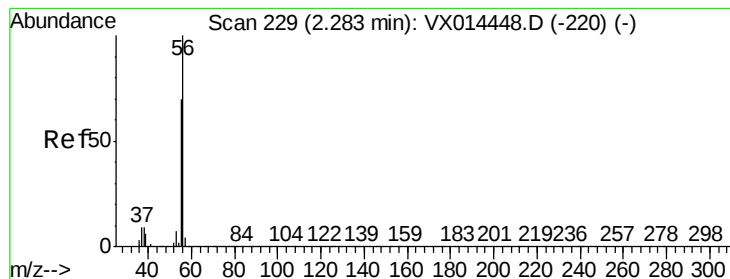


#12

1,1-Dichloroethene
 Concen: 17.926 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.01 min
 Lab File: VX014676.D
 Acq: 21 Jan 2020 11:16

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.9	125.0	187.6
98	63.1	50.2	75.2





#13

Acrolein

Concen: 64.941 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

VX0121WBSD01

Tot Ion: 56 Resp: 51717

Ion Ratio Lower Upper

56 100

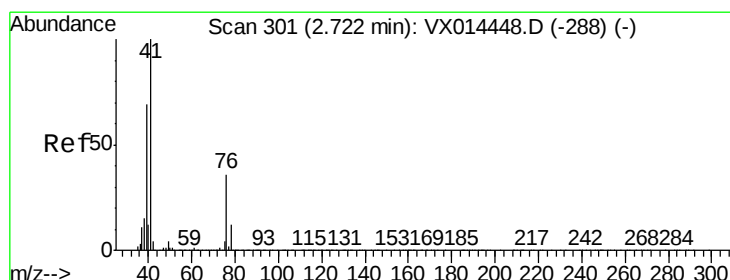
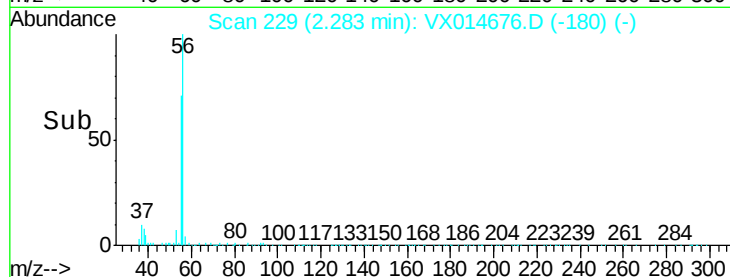
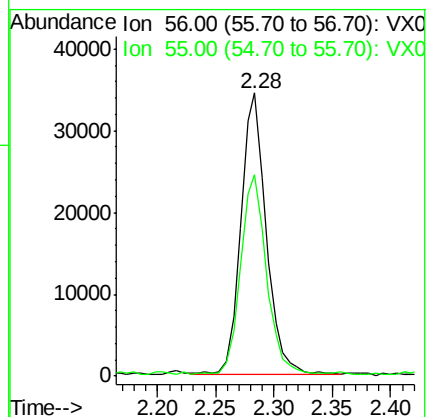
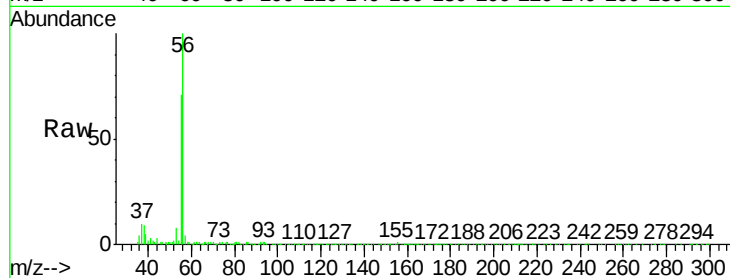
55 71.9 55.0 82.6

Manual Integrations

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#14

Allyl chloride

Concen: 18.656 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

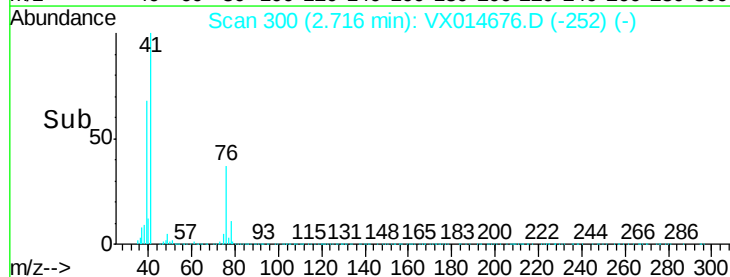
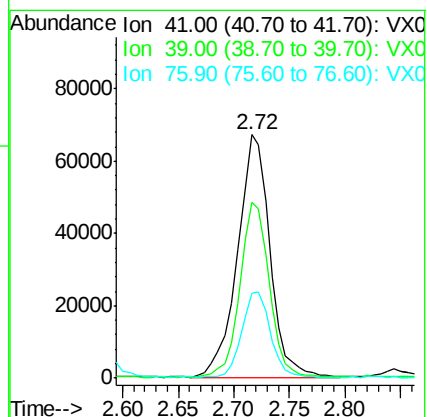
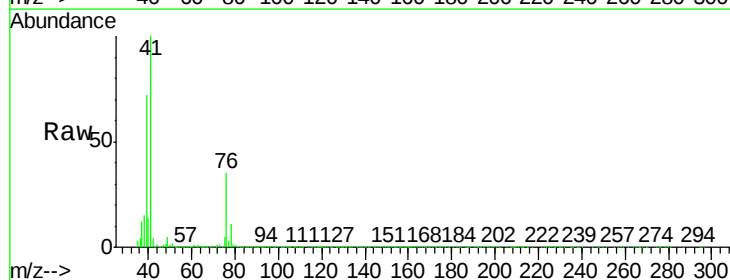
Tgt Ion: 41 Resp: 137892

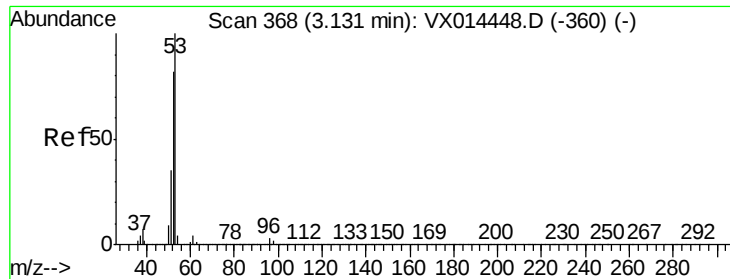
Ion Ratio Lower Upper

41 100

39 64.5 51.7 77.5

76 30.8 26.8 40.2





#15

Acrylonitrile

Concen: 100.507 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Instrument :

MSVOA_X

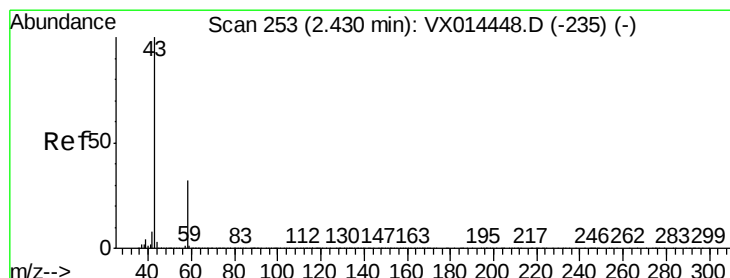
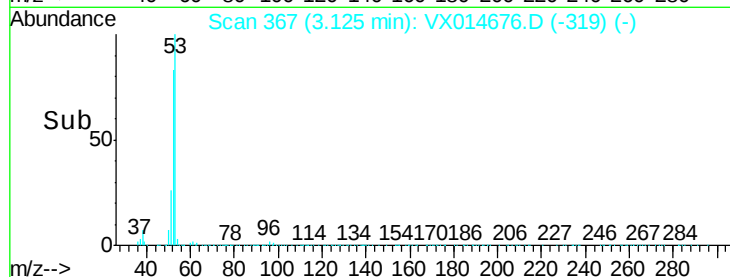
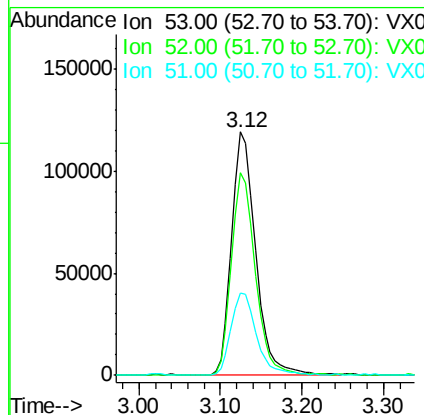
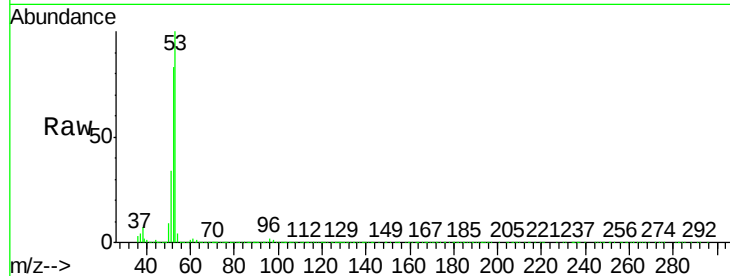
ClientSampleId :

VX0121WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
53	100			
52	82.3	67.0	100.4	
51	35.9	28.5	42.7	

Manual Integrations
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#16

Acetone

Concen: 102.220 ug/l

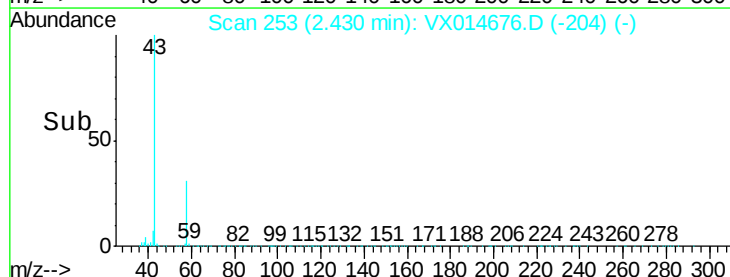
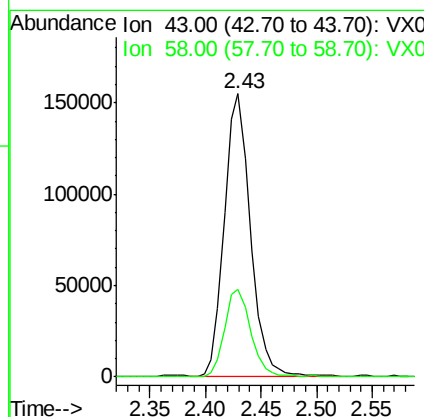
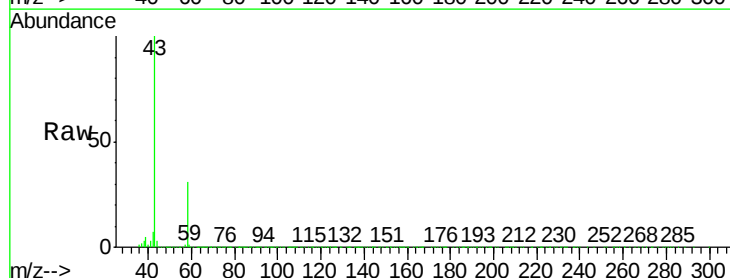
RT: 2.43 min Scan# 253

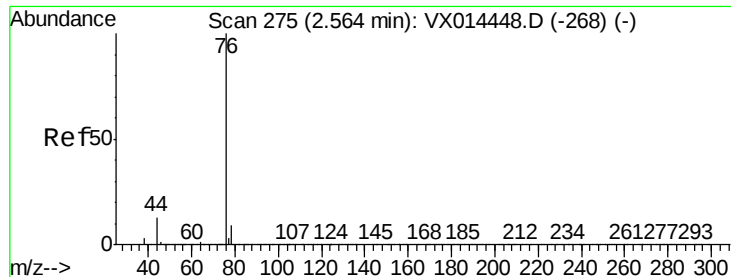
Delta R.T. 0.00 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
58	30.9	25.4	38.0	





#17

Carbon Disulfide

Concen: 15.574 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

VX0121WBSD01

Tot Ion: 76 Resp: 182943

Ion Ratio Lower Upper

76 100

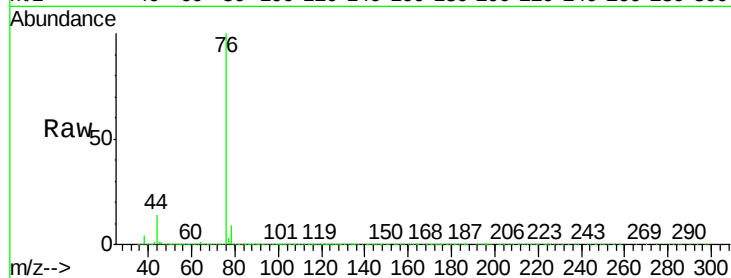
78 8.4 7.4 11.2

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

120000

100000

80000

60000

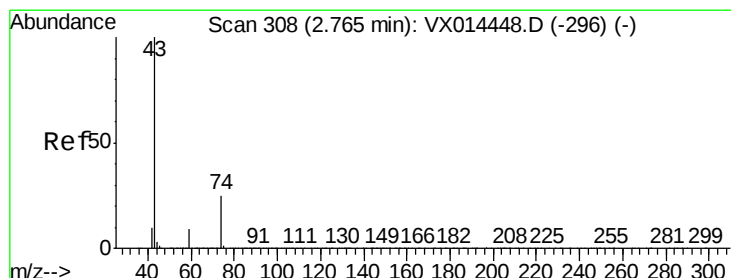
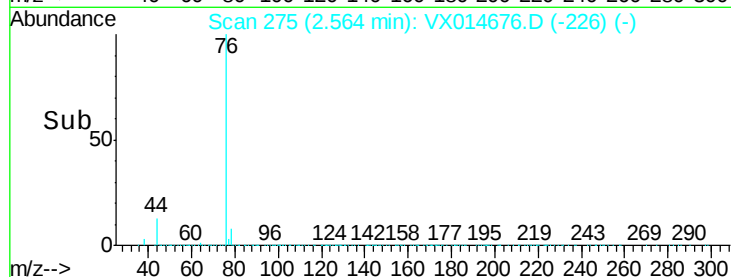
40000

20000

0

2.56

Time-->



#18

Methyl Acetate

Concen: 21.953 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014676.D

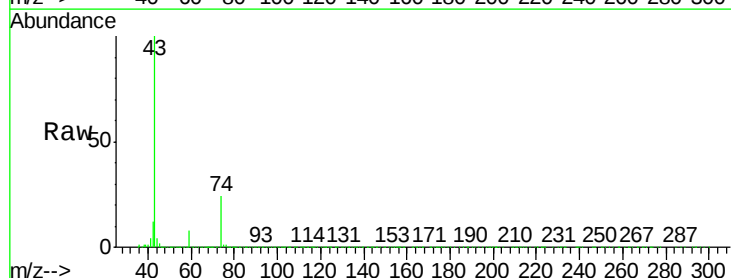
Acq: 21 Jan 2020 11:16

Tgt Ion: 43 Resp: 150144

Ion Ratio Lower Upper

43 100

74 23.5 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

100000

80000

60000

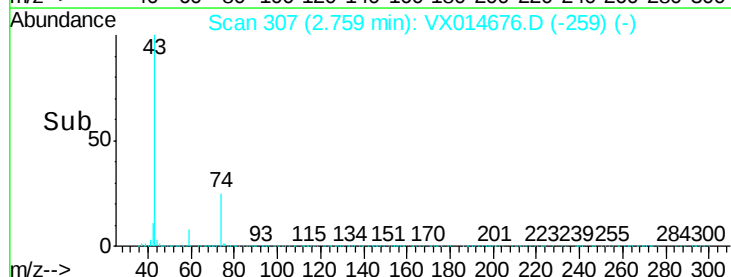
40000

20000

0

2.76

Time-->





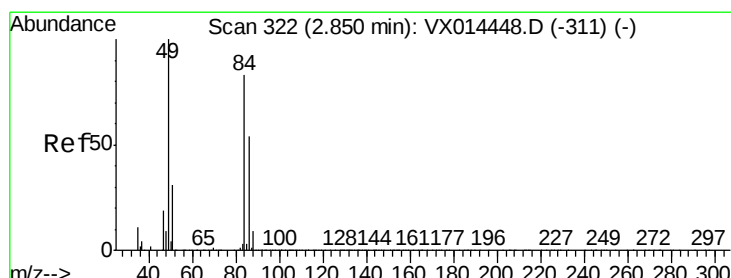
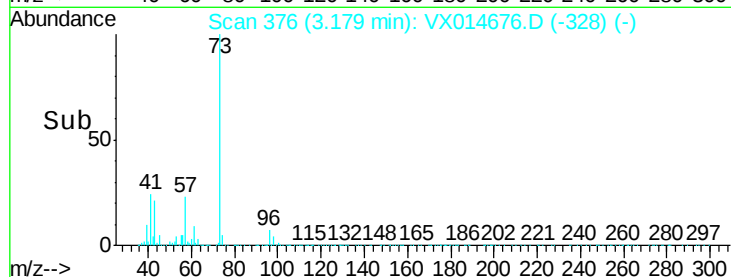
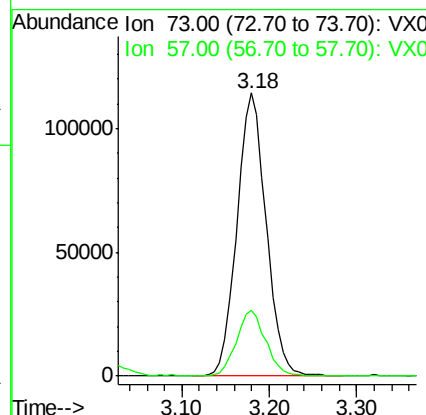
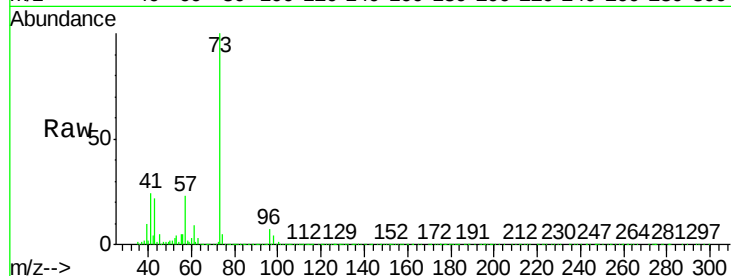
#19
Methvl tert-butvl Ether
Concen: 19.569 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0121WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.1	17.8	26.8

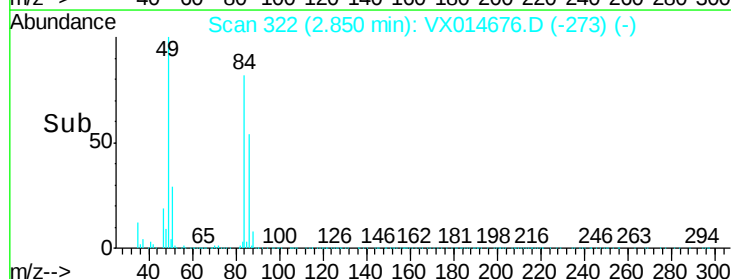
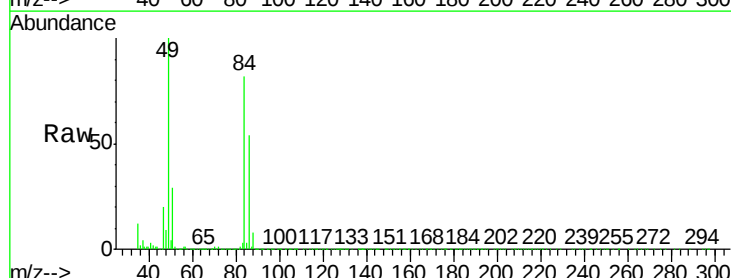
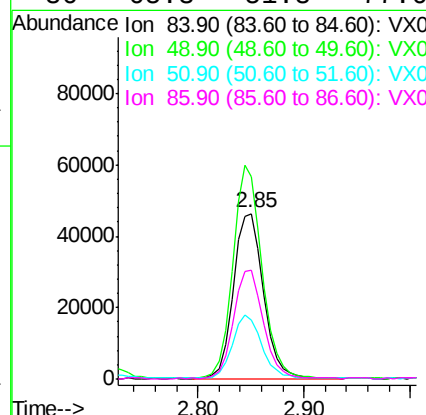
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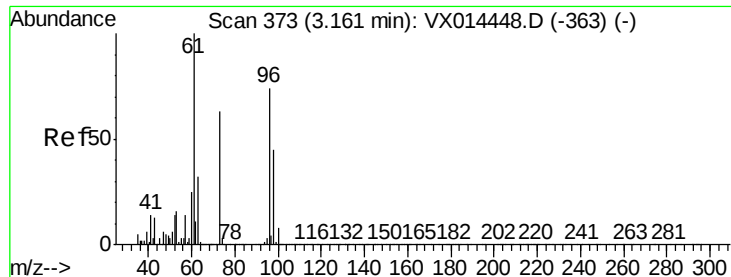
MMDadoda
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#20
Methylene Chloride
Concen: 19.203 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.0	95.8	143.8
51	35.6	30.2	45.4
86	65.3	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 17.245 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Instrument :

MSVOA_X

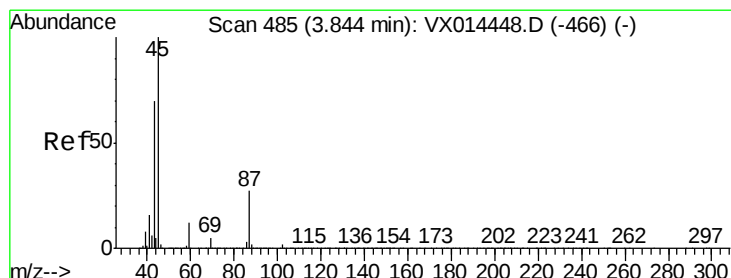
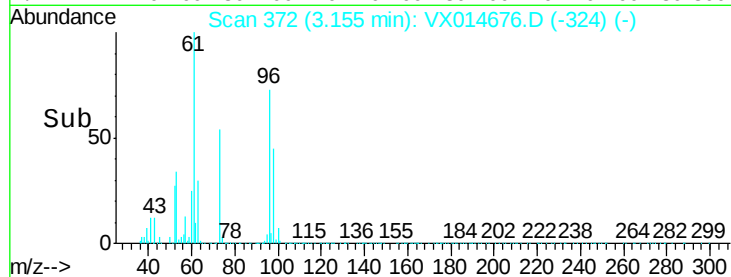
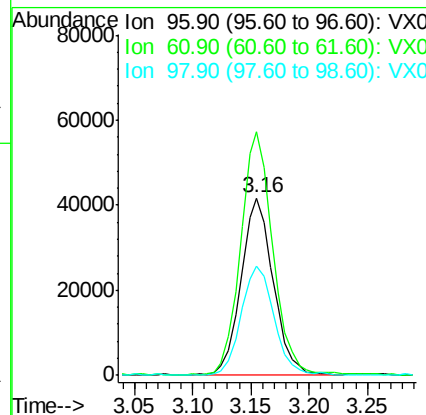
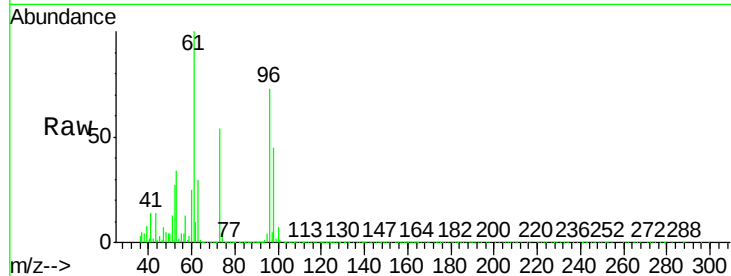
ClientSampleId :

VX0121WBSD01

Tot Ion:	96	Resp:	79257
Ion Ratio	Lower	Upper	
96	100		
61	137.5	108.2	162.4
98	61.3	48.8	73.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.584 ug/l

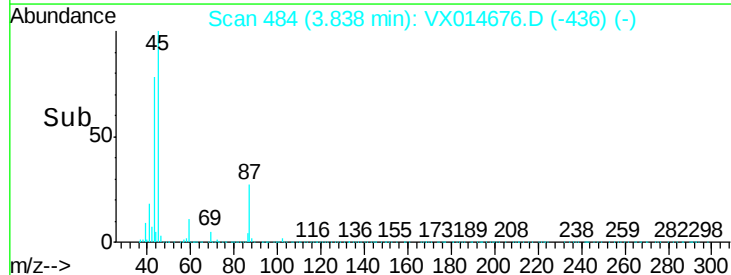
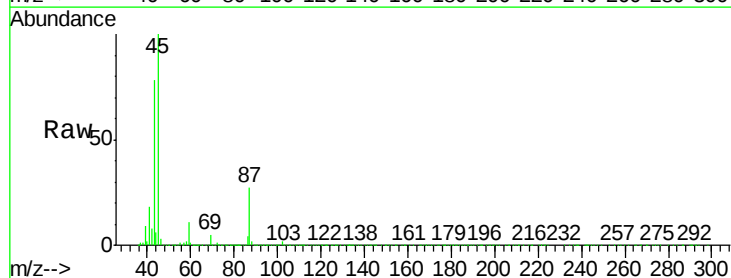
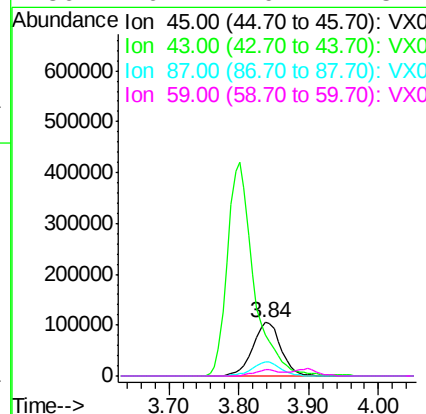
RT: 3.84 min Scan# 484

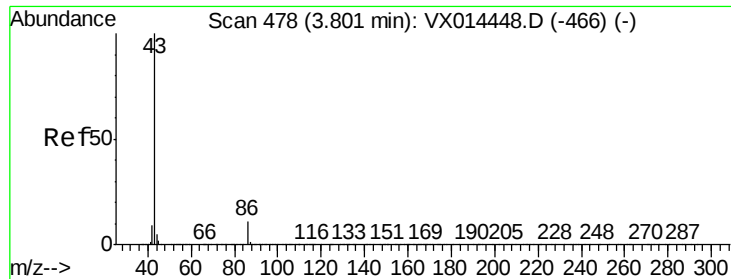
Delta R.T. -0.01 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Tgt Ion:	45	Resp:	294022
Ion Ratio	Lower	Upper	
45	100		
43	77.2	55.8	83.6
87	26.7	21.8	32.8
59	10.7	9.1	13.7





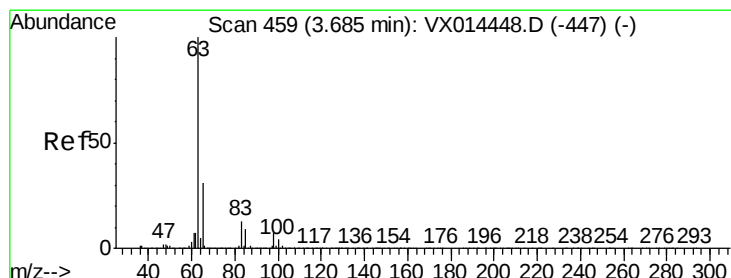
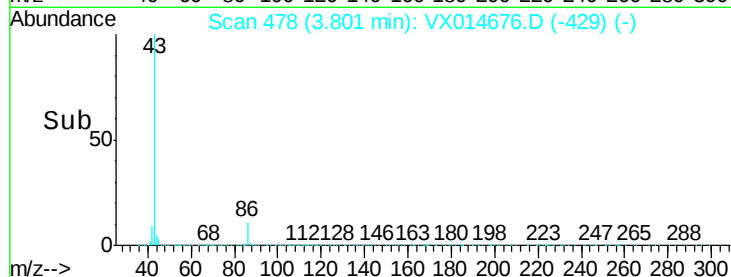
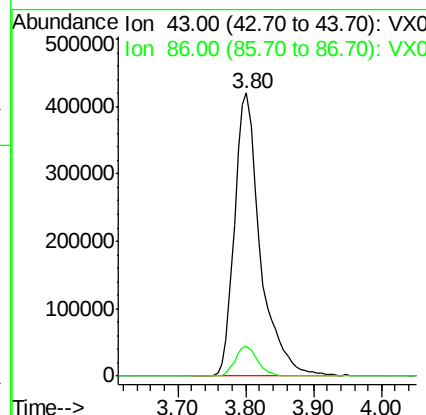
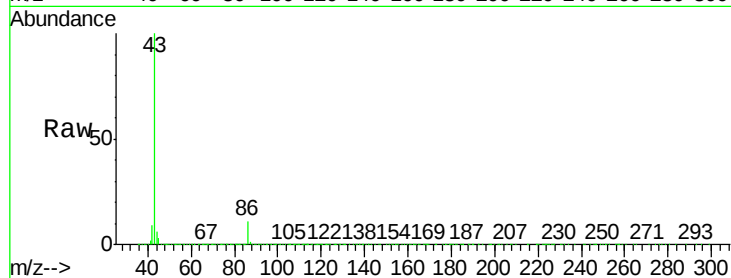
#23
 Vinyl Acetate
 Concen: 99.927 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: VX014676.D
 Acq: 21 Jan 2020 11:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0121WBSD01

Tot Ion: 43 Resp: 1105076
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.4 12.6

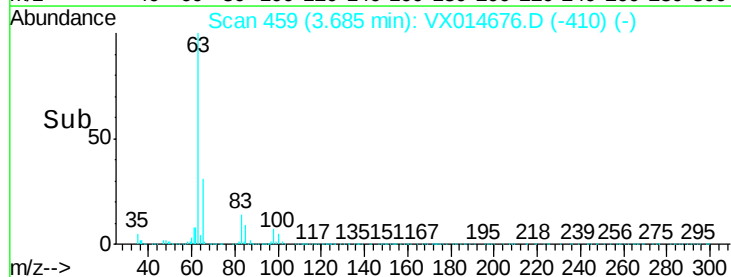
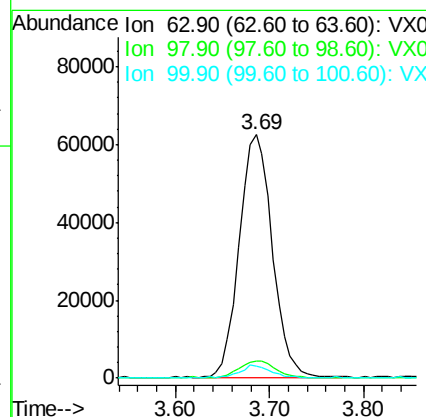
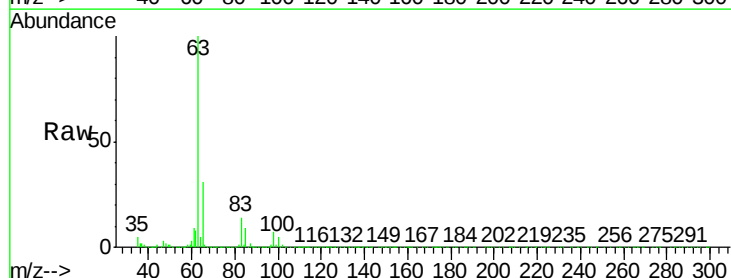
Manual Integrations
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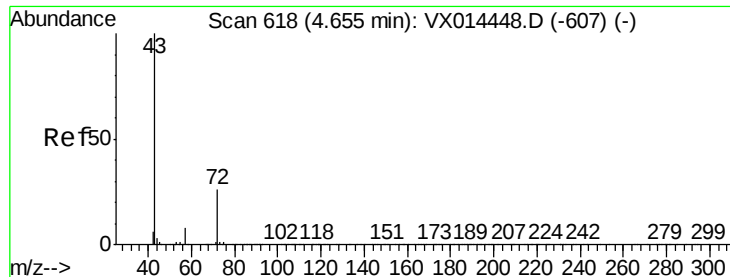
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 19.750 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VX014676.D
 Acq: 21 Jan 2020 11:16

Tgt Ion: 63 Resp: 153468
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.9
 100 4.7 2.3 6.8





#25

2-Butanone

Concen: 100.600 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

VX0121WBSD01

Tot Ion: 43 Resp: 357580

Ion Ratio Lower Upper

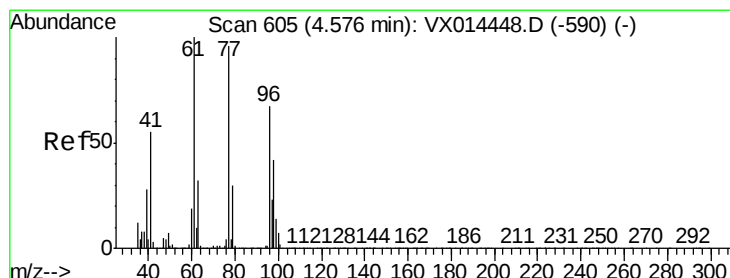
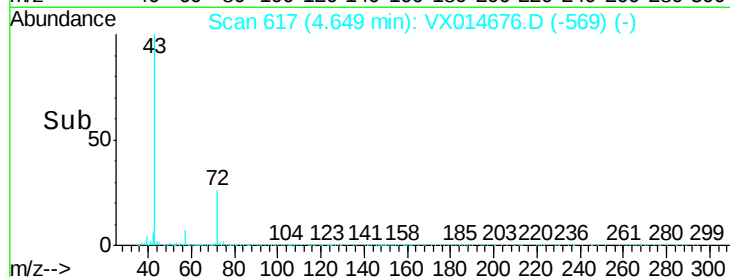
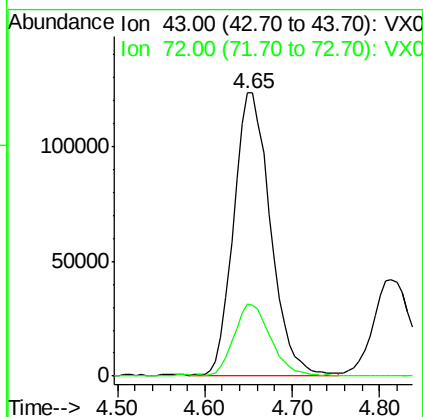
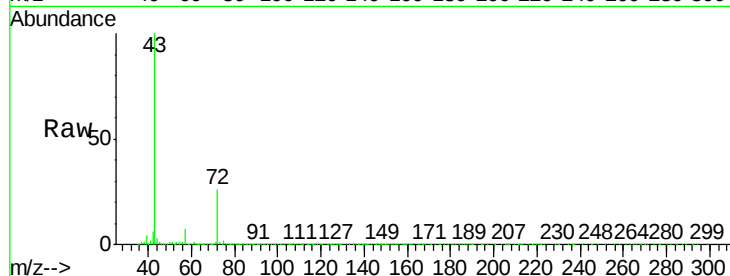
43 100

72 25.4 20.6 31.0

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 18.393 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014676.D

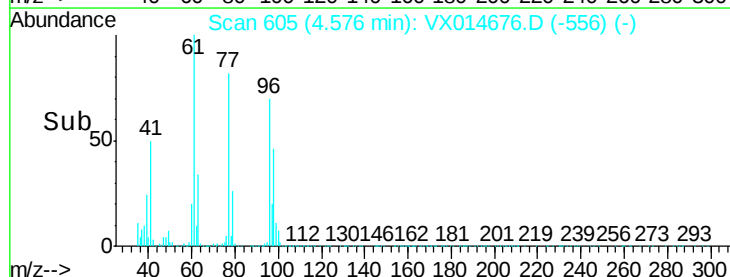
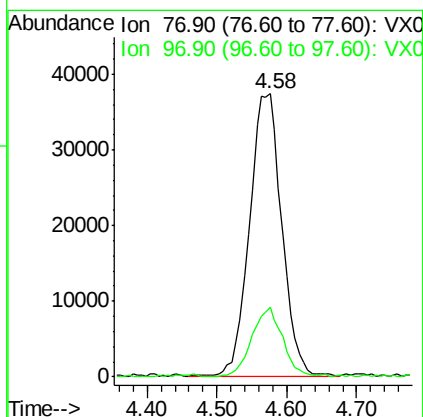
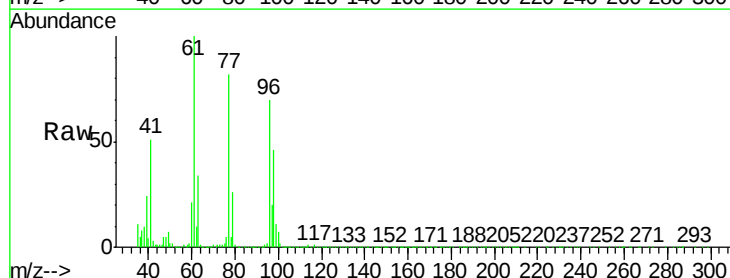
Acq: 21 Jan 2020 11:16

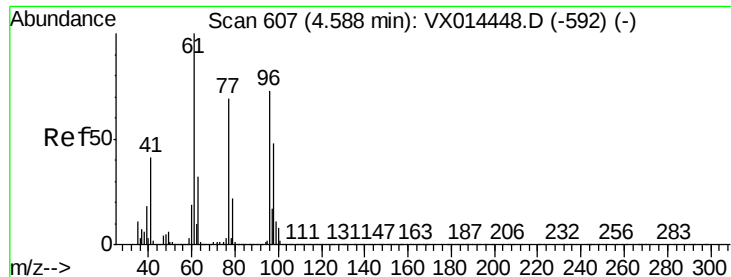
Tgt Ion: 77 Resp: 121069

Ion Ratio Lower Upper

77 100

97 23.3 11.7 35.1





#27

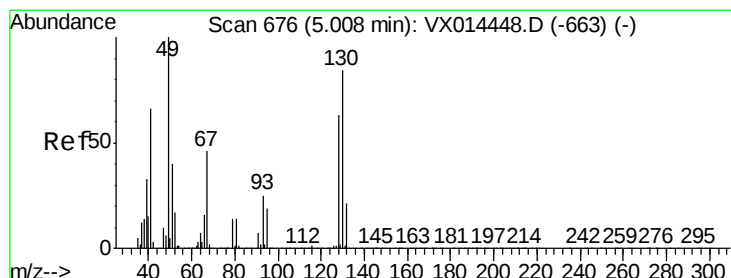
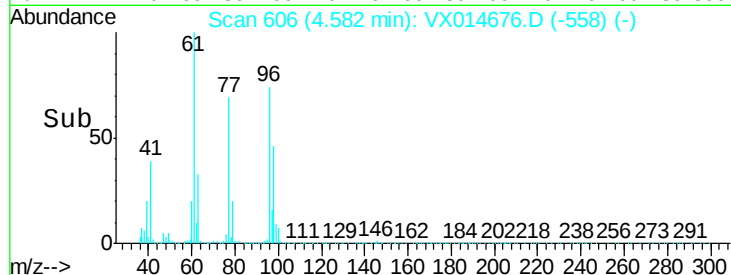
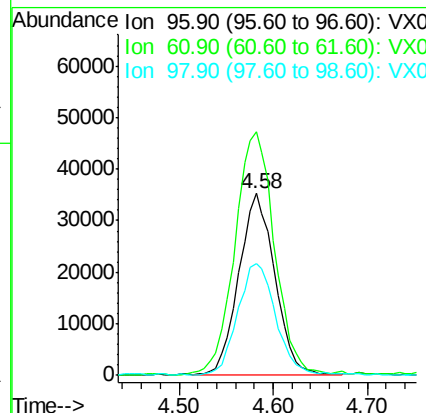
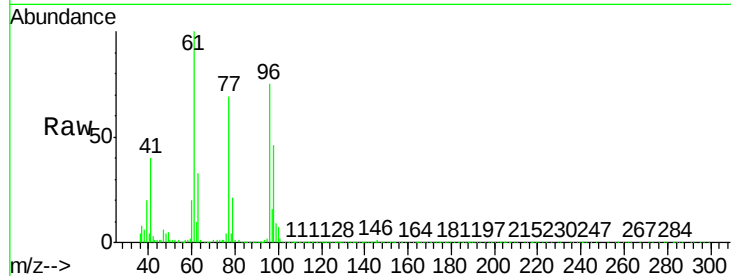
cis-1,2-Dichloroethene
Concen: 18.237 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0121WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.8	0.0	285.4
98	64.5	0.0	130.6

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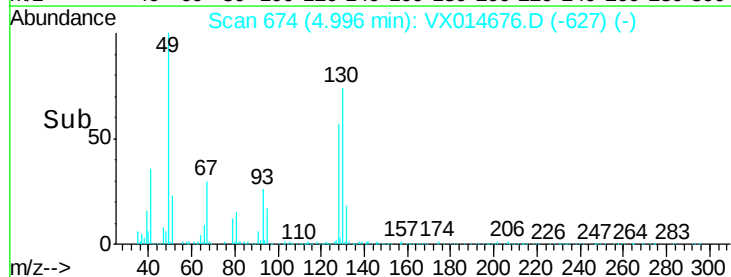
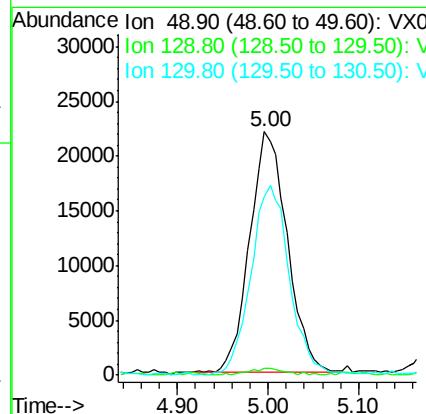
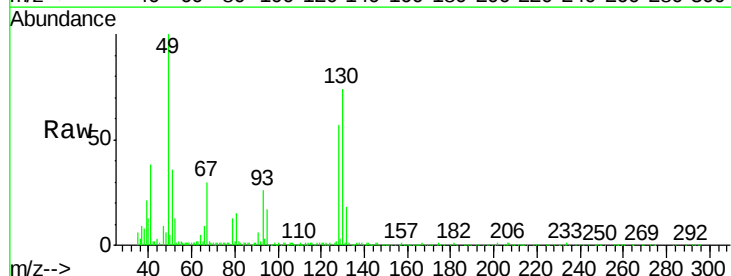
MMDadoda
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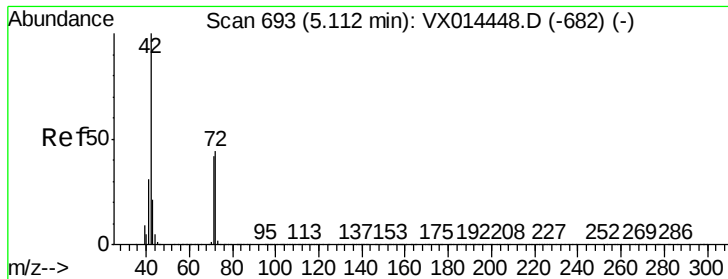


#28

Bromochloromethane
Concen: 19.376 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.4
130	79.5	67.0	100.4





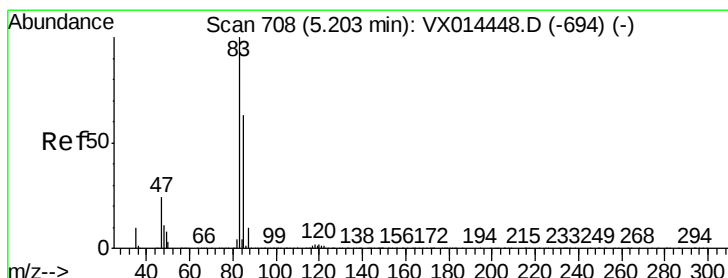
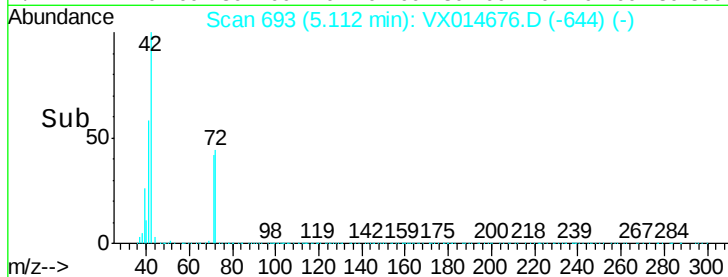
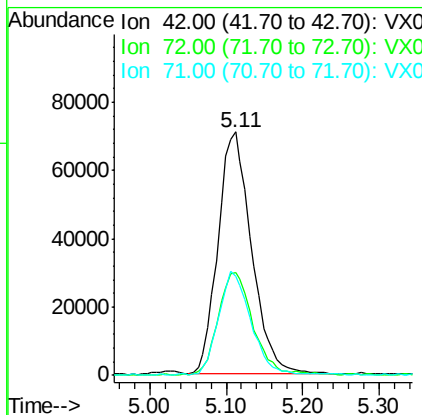
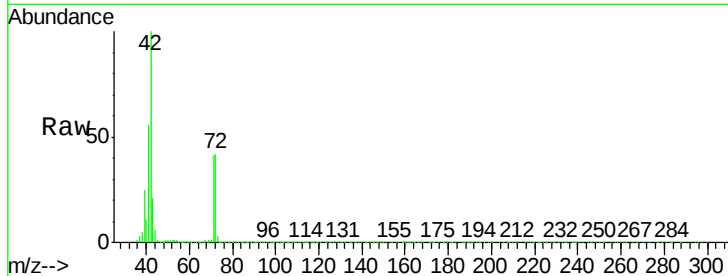
#29
Tetrahydrofuran
Concen: 102.439 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0121WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.9	36.2	54.4
71	40.5	34.1	51.1

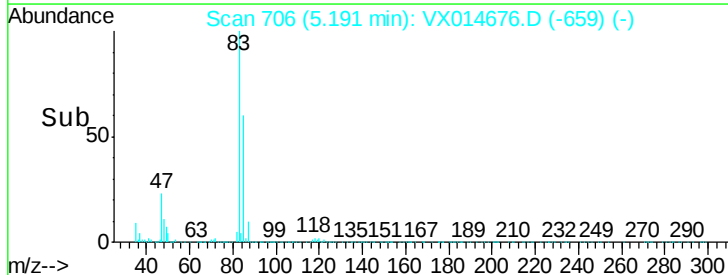
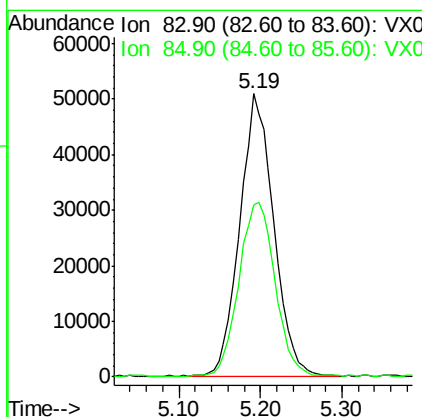
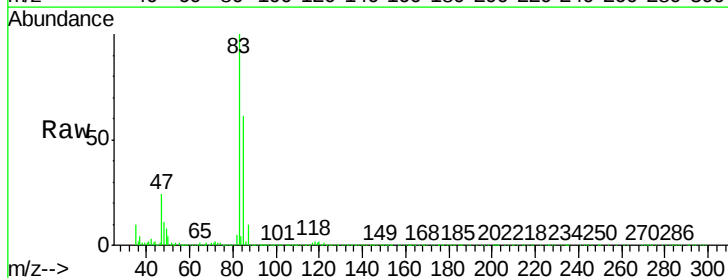
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#30
Chloroform
Concen: 19.531 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.6	50.6	75.8





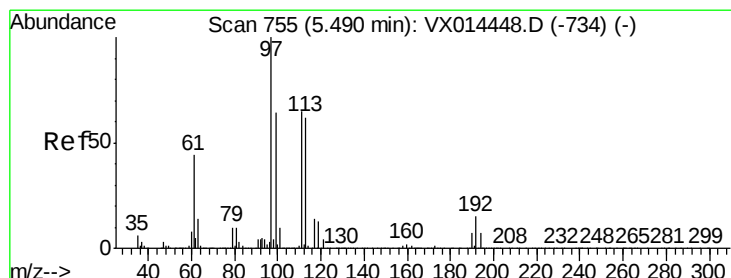
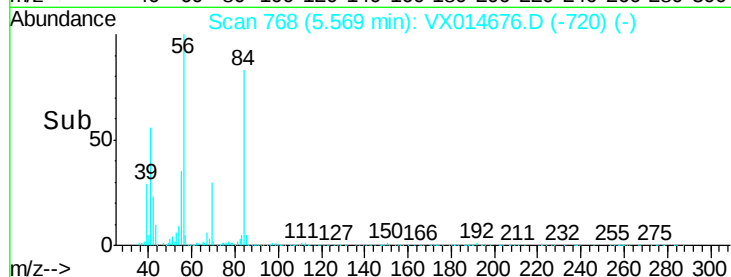
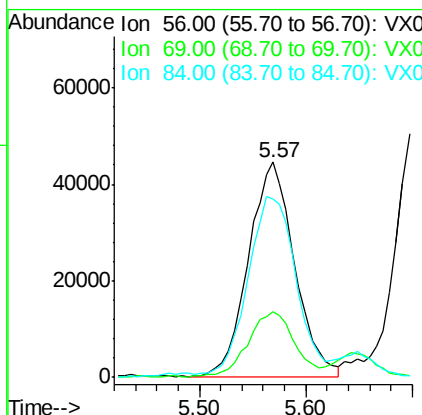
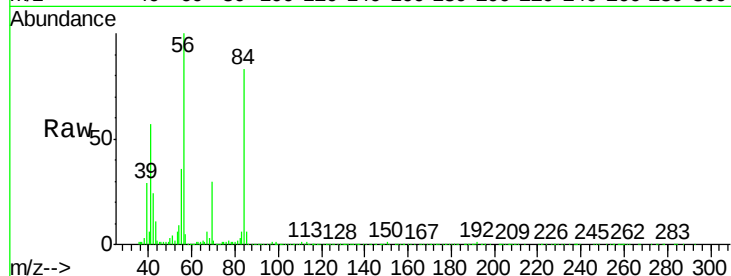
#31
Cyclohexane
Concen: 18.402 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0121WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.3	24.4	36.6
84	81.4	70.6	106.0

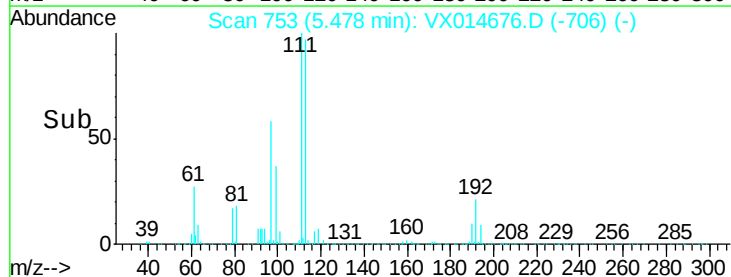
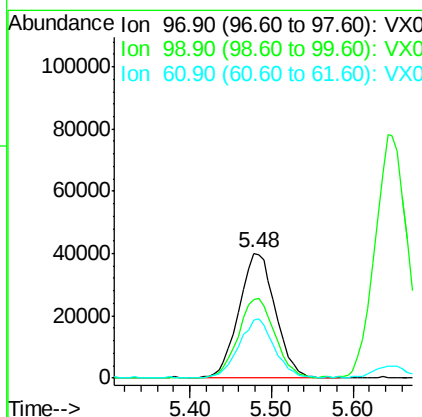
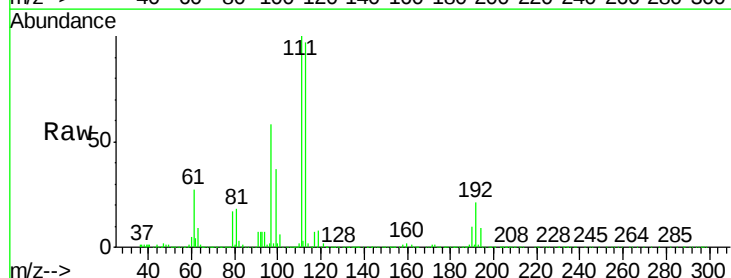
Manual Integrations
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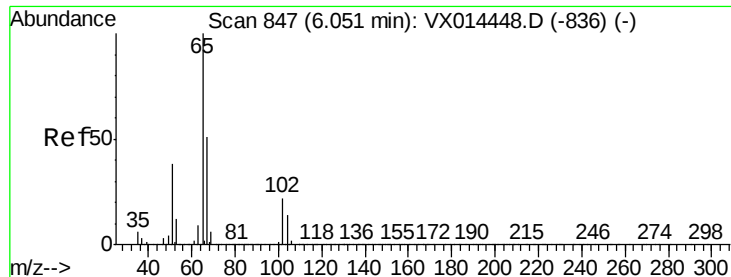
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#32
1,1,1-Trichloroethane
Concen: 19.049 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.8	77.6
61	45.1	35.9	53.9





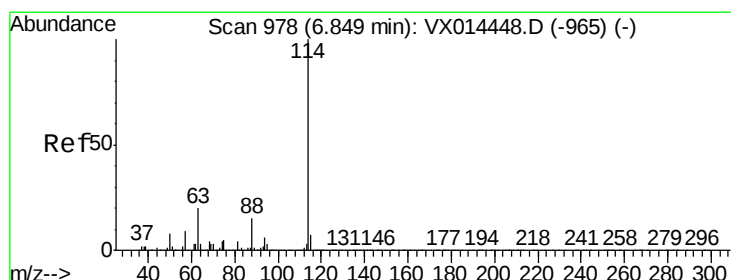
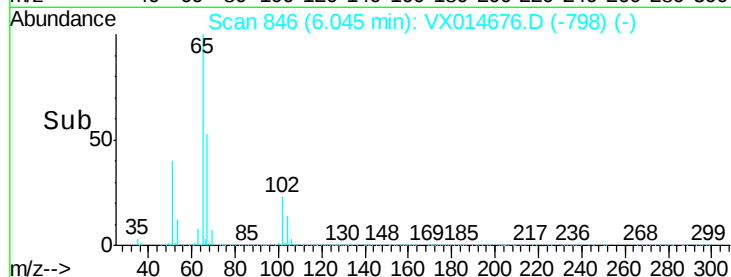
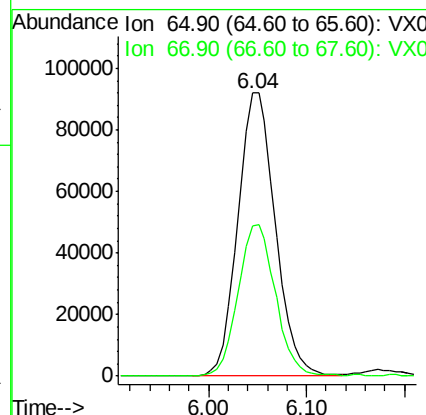
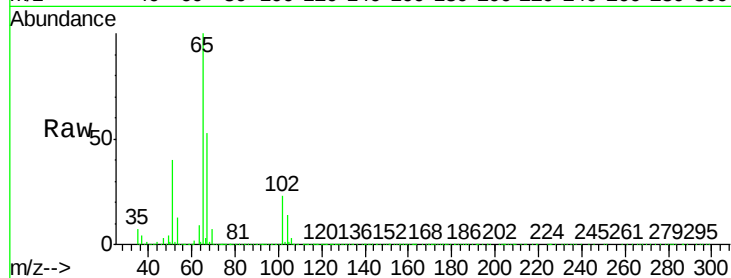
#33
 1,2-Dichloroethane-d4
 Concen: 51.198 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX014676.D
 Acq: 21 Jan 2020 11:16

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0121WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	106.2

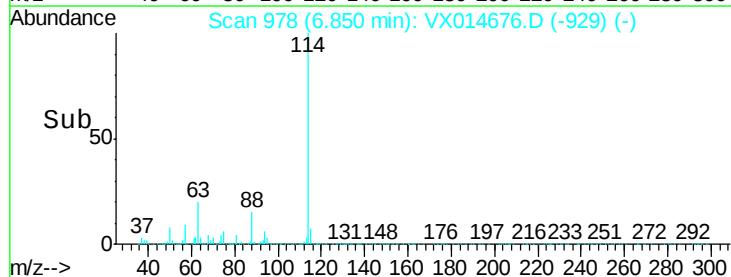
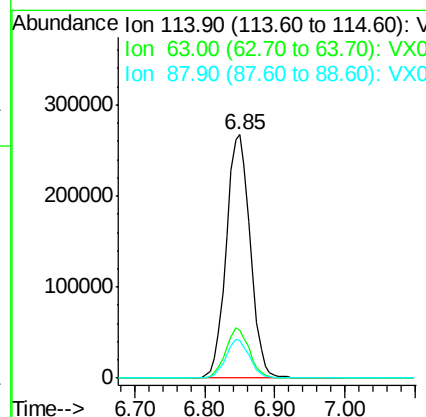
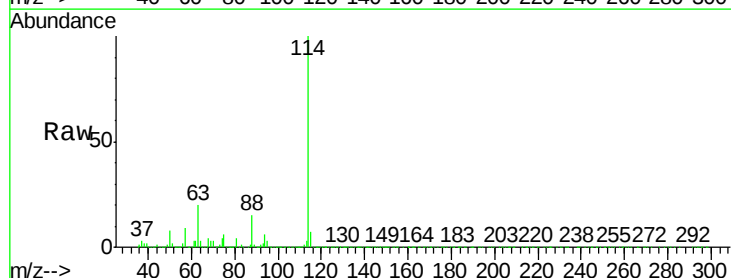
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014676.D
 Acq: 21 Jan 2020 11:16

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.6
88	15.2	0.0	30.8





#35

Dibromofluoromethane

Concen: 51.692 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014676.D

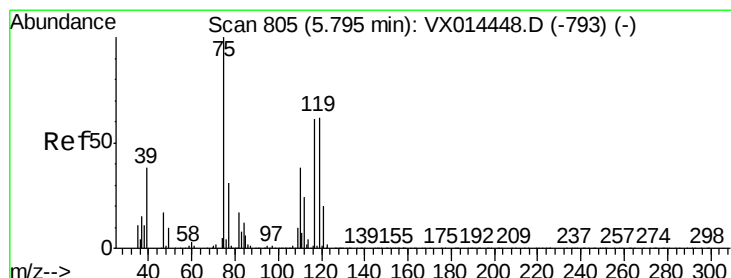
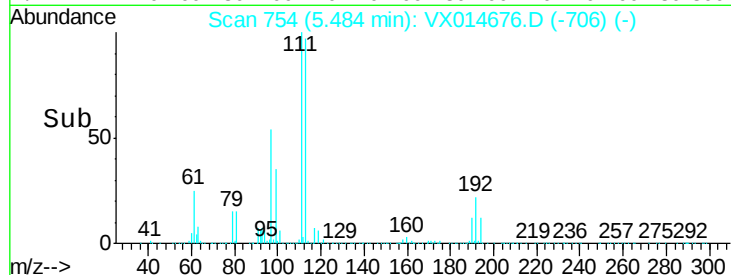
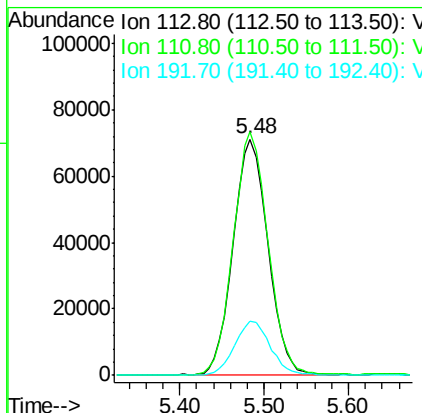
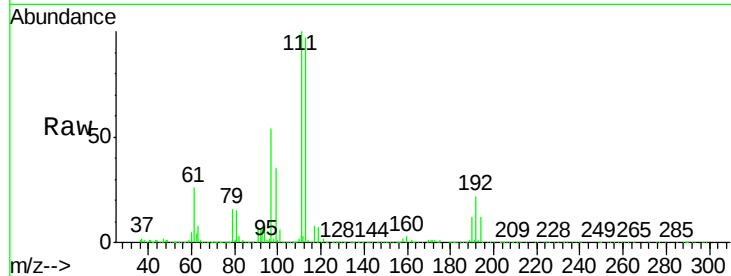
Acq: 21 Jan 2020 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0121WBSD01

Tot Ion:	113	Resp:	198552
Ion Ratio	Lower	Upper	
113	100		
111	102.9	81.5	122.3
192	23.7	19.2	28.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.503 ug/l

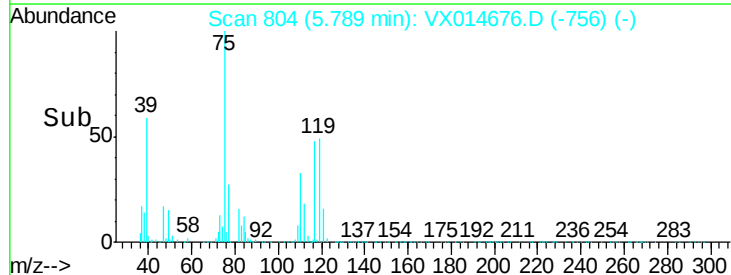
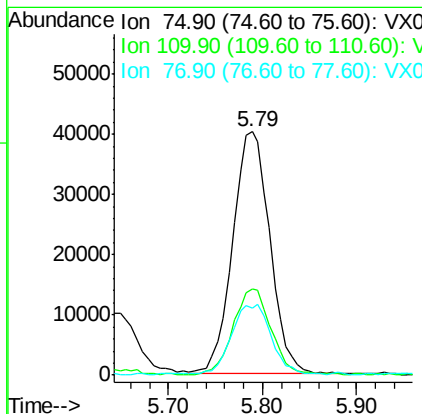
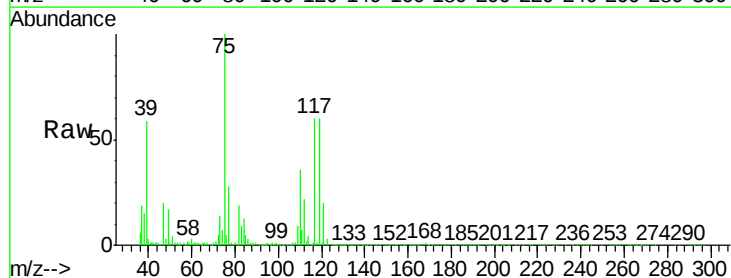
RT: 5.79 min Scan# 804

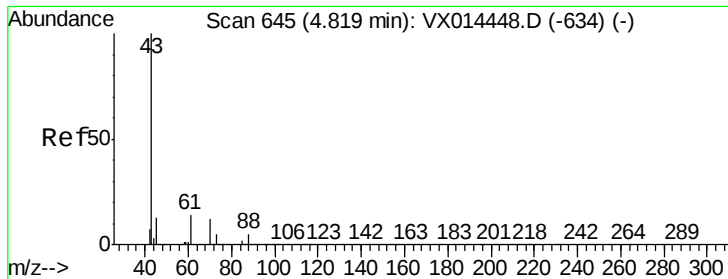
Delta R.T. -0.01 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Tgt Ion:	75	Resp:	110408
Ion Ratio	Lower	Upper	
75	100		
110	35.5	18.6	55.8
77	31.5	24.5	36.7





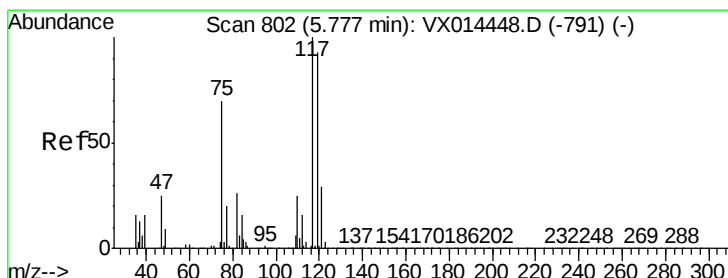
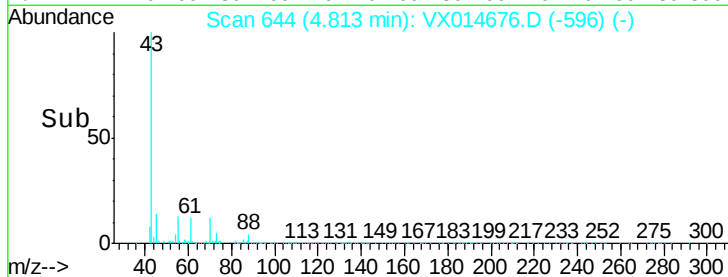
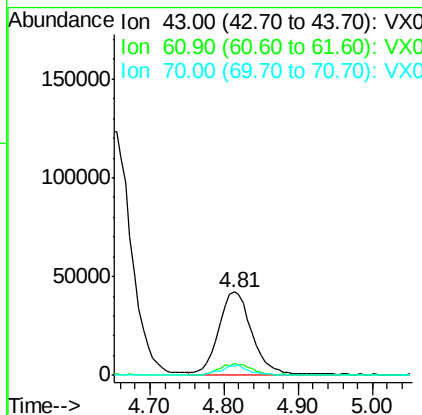
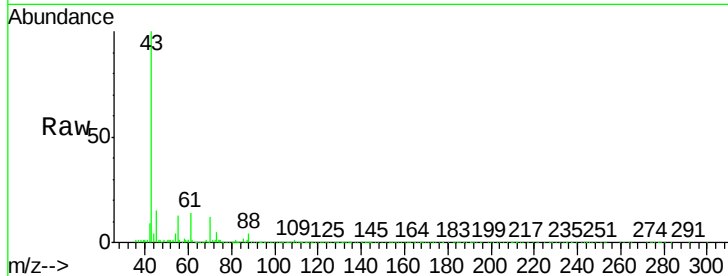
#37
Ethyl Acetate
Concen: 19.965 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0121WBSD01

Tot Ion	43	Resp	129404
Ion Ratio	Lower	Upper	
43	100		
61	13.3	11.1	16.7
70	10.4	8.9	13.3

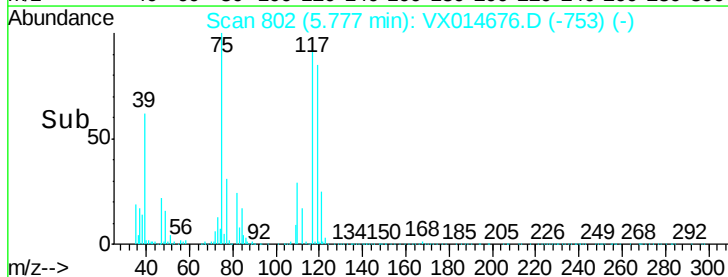
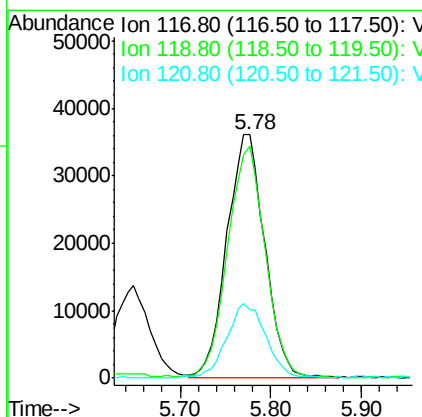
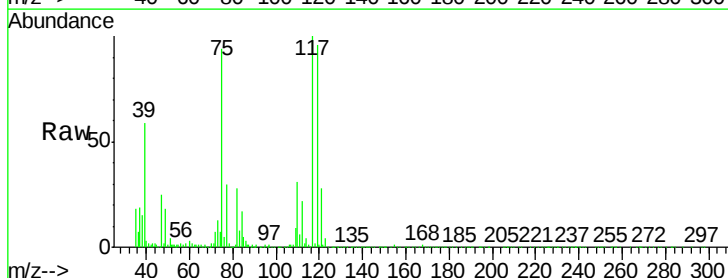
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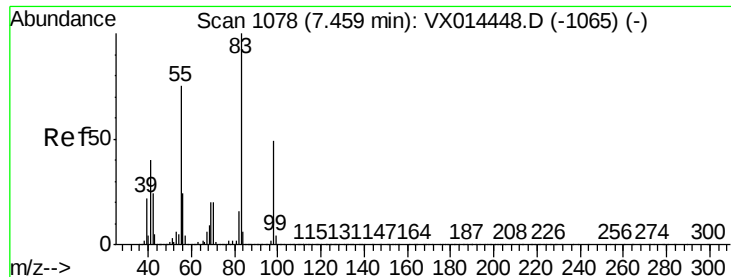
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#38
Carbon Tetrachloride
Concen: 18.968 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Tgt Ion	117	Resp	104159
Ion Ratio	Lower	Upper	
117	100		
119	95.5	73.8	110.8
121	27.7	23.4	35.0





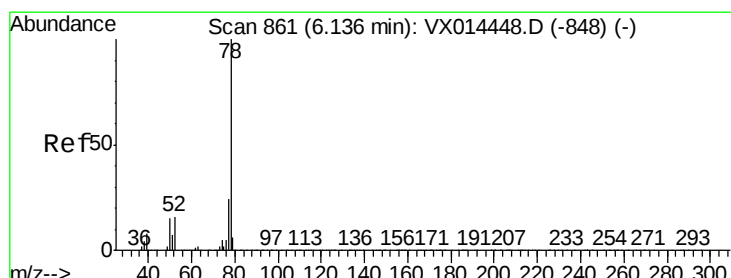
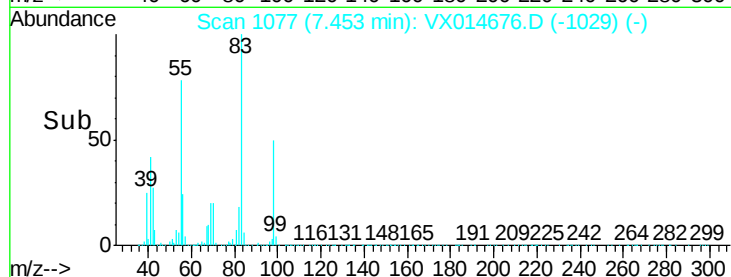
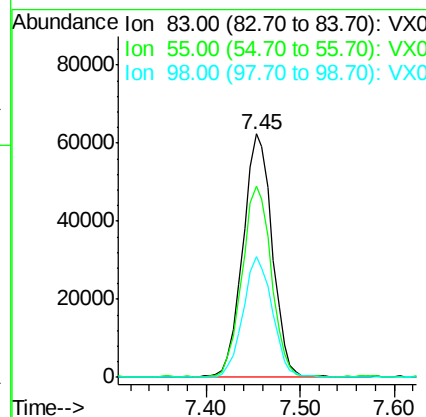
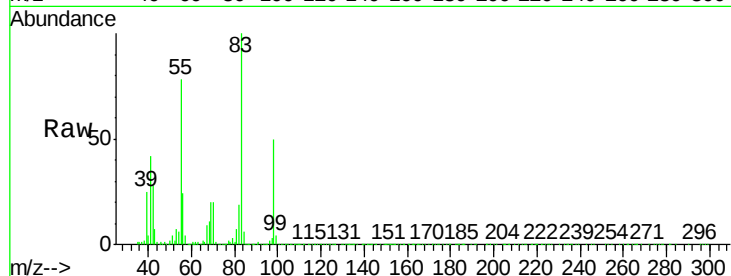
#39
Methvlcvclohexane
Concen: 17.901 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0121WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.2	59.7	89.5
98	49.4	39.1	58.7

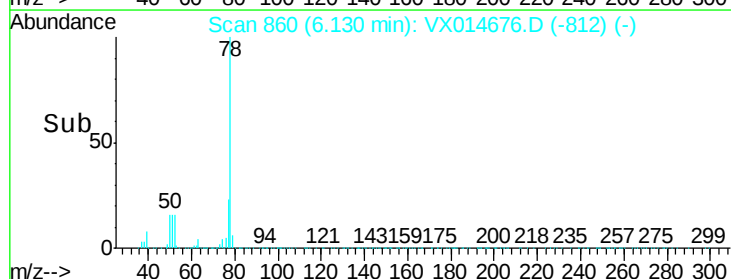
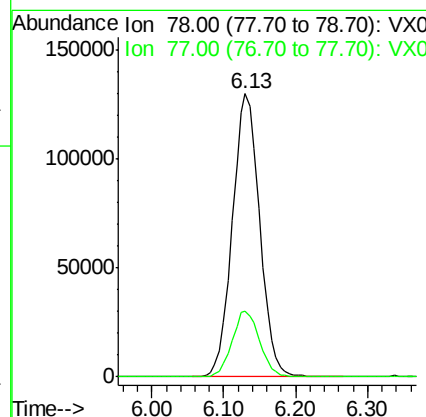
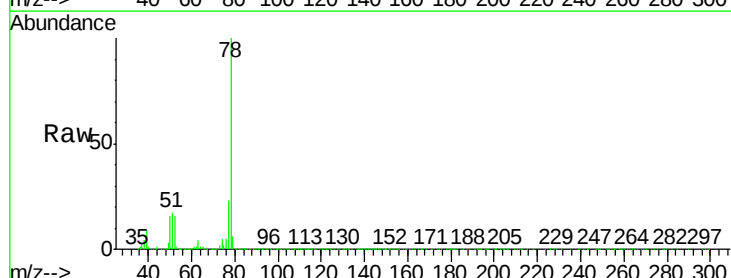
Manual Integrations
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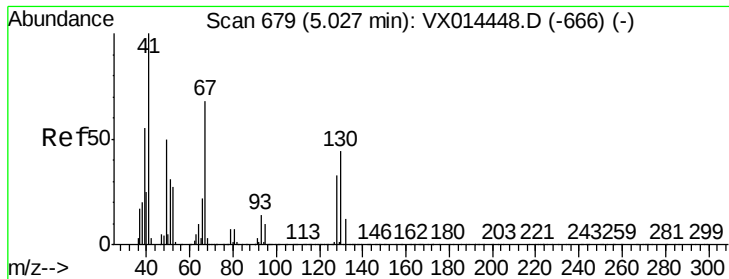
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#40
Benzene
Concen: 19.292 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.5	29.3





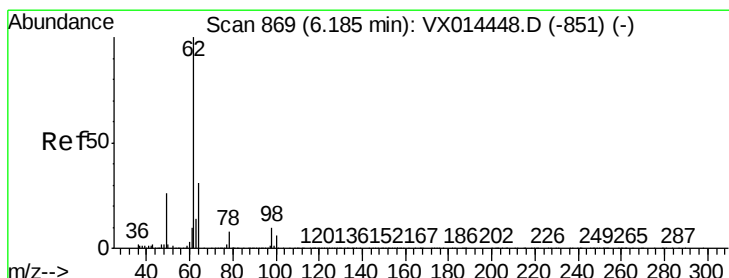
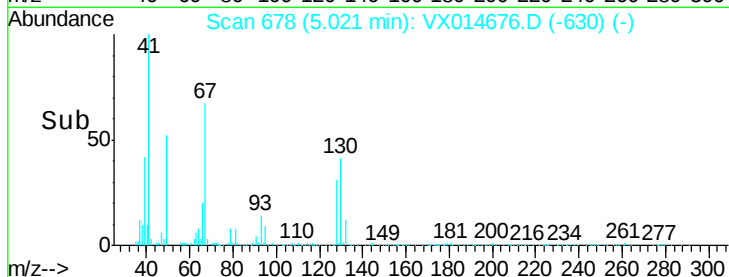
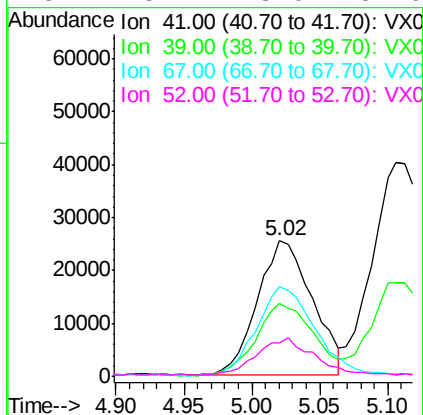
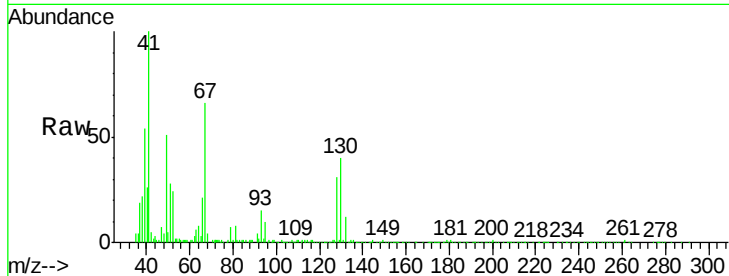
#41
Methacrylonitrile
Concen: 20.758 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0121WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.6	43.6	65.4	
67	70.5	57.9	86.9	
52	28.7	23.0	34.6	

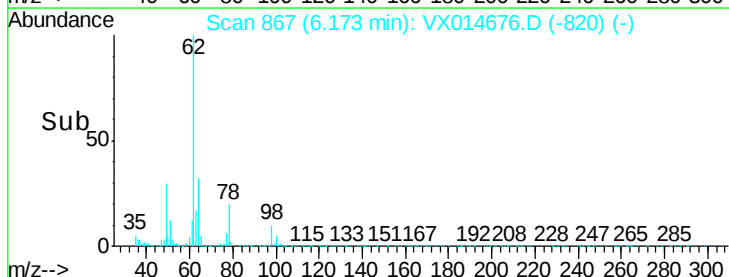
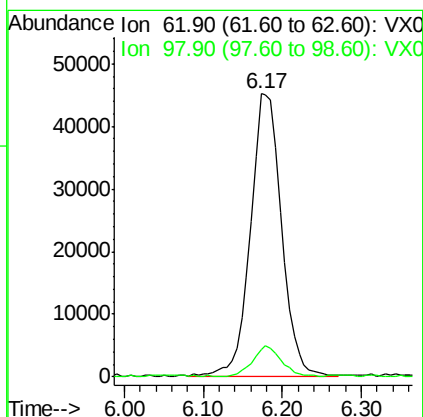
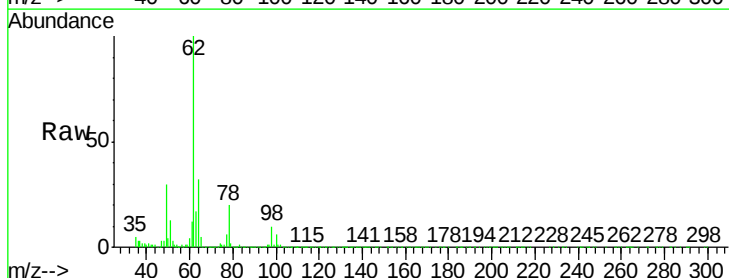
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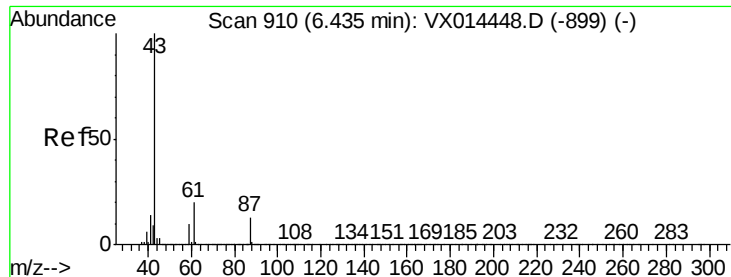
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#42
1,2-Dichloroethane
Concen: 19.813 ug/l
RT: 6.17 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.2	0.0	20.4	





#43

Isopropyl Acetate

Concen: 19.970 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Instrument :

MSVOA_X

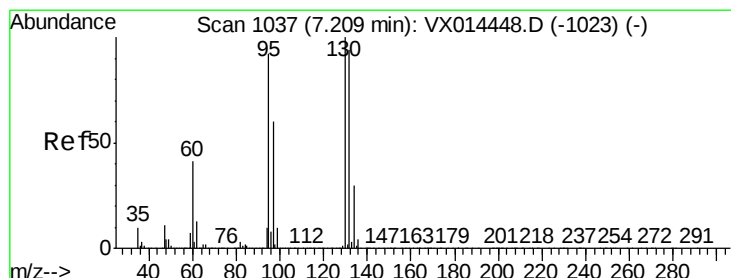
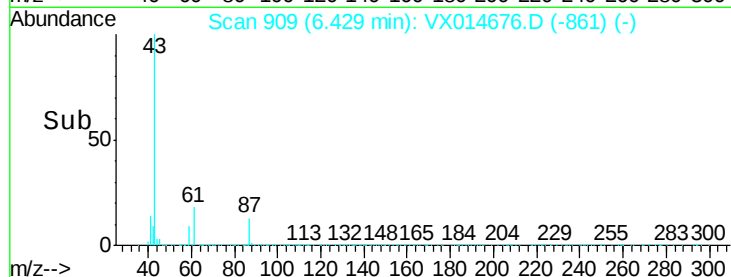
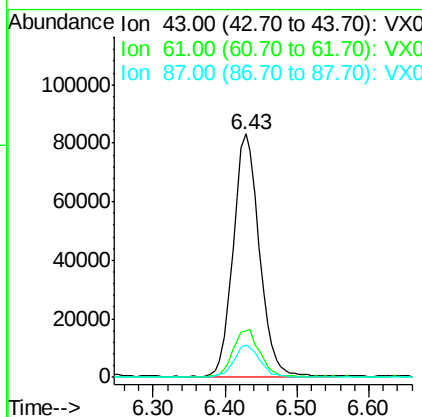
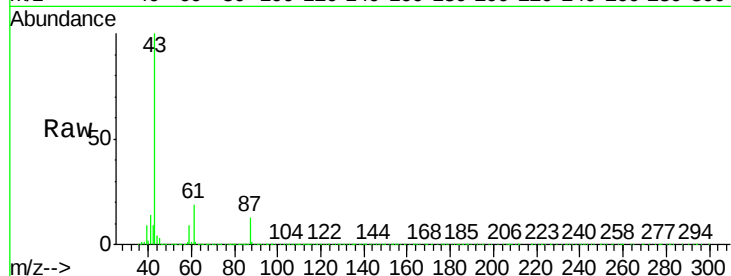
ClientSampleId :

VX0121WBSD01

Tot Ion:	43	Resp:	209096
Ion Ratio	Lower	Upper	
43	100		
61	19.9	16.6	24.8
87	13.0	10.8	16.2

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#44

Trichloroethene

Concen: 18.610 ug/l

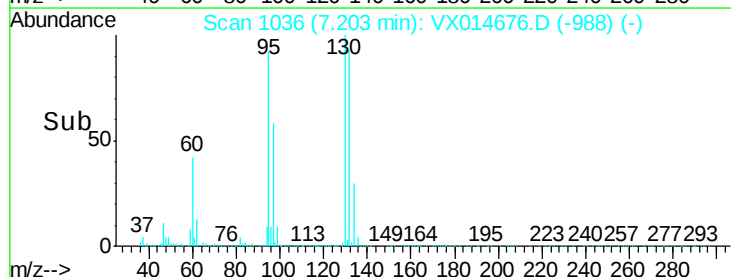
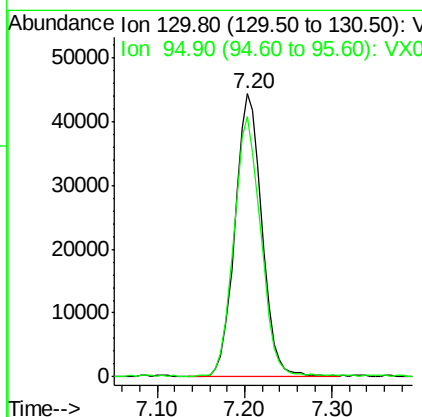
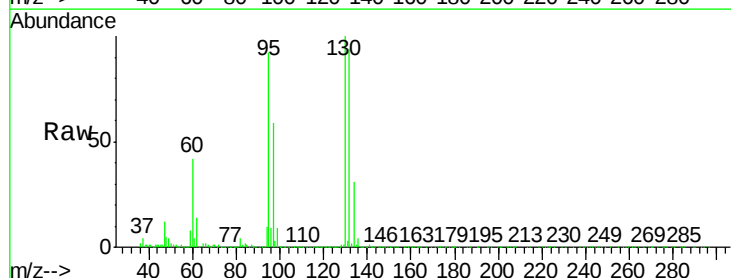
RT: 7.20 min Scan# 1036

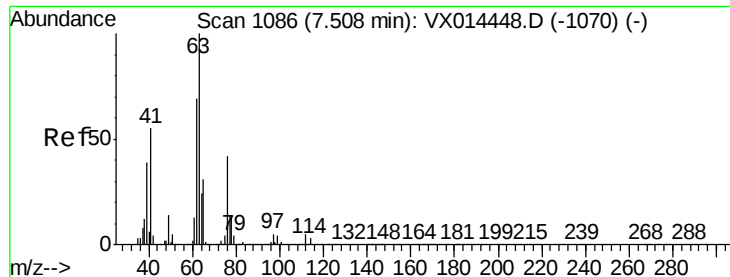
Delta R.T. -0.01 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Tgt Ion:	130	Resp:	94715
Ion Ratio	Lower	Upper	
130	100		
95	91.7	0.0	184.2





#45

1,2-Dichloropropane

Concen: 20.223 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

VX0121WBSD01

Tot Ion: 63 Resp: 91312

Ion Ratio Lower Upper

63 100

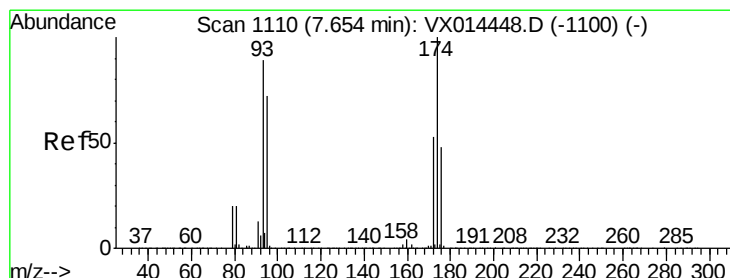
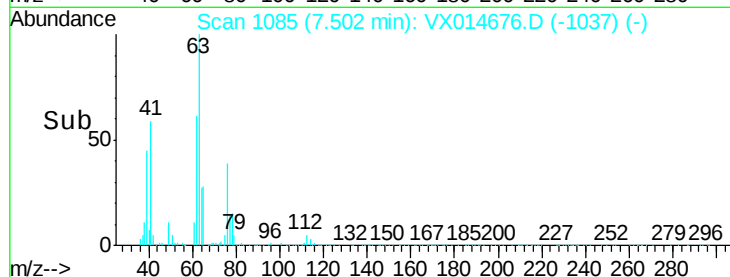
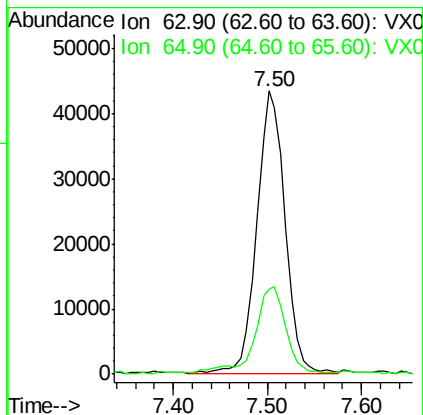
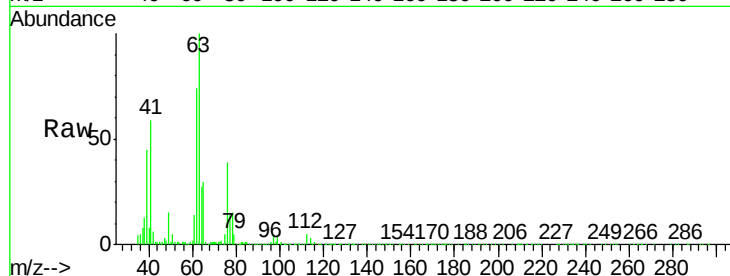
65 29.5 24.8 37.2

Manual Integrations

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#46

Dibromomethane

Concen: 18.766 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

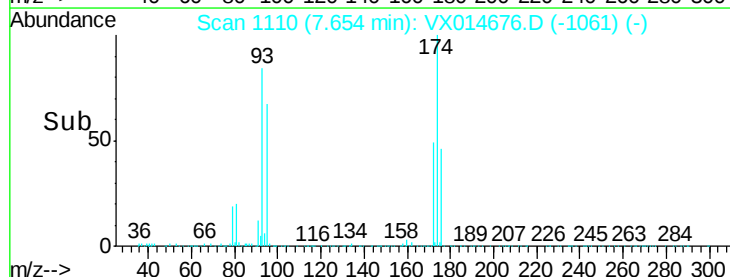
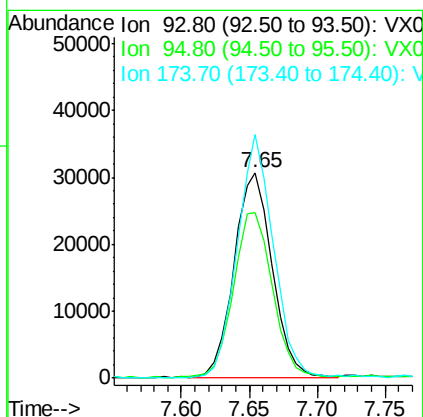
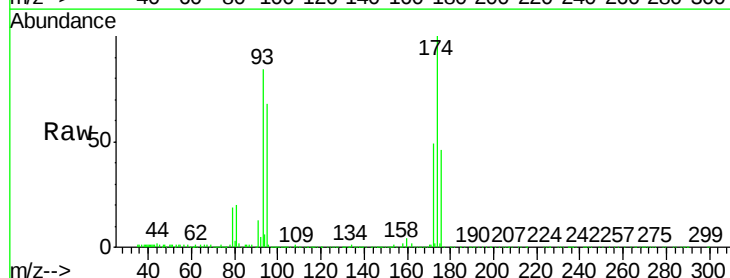
Tgt Ion: 93 Resp: 59142

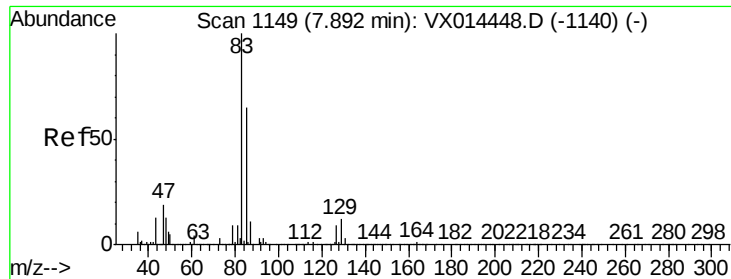
Ion Ratio Lower Upper

93 100

95 82.7 65.4 98.2

174 114.2 93.0 139.4





#47

Bromodichloromethane

Concen: 20.139 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Instrument :

MSVOA_X

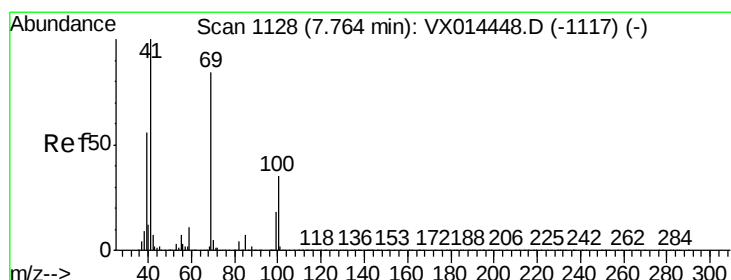
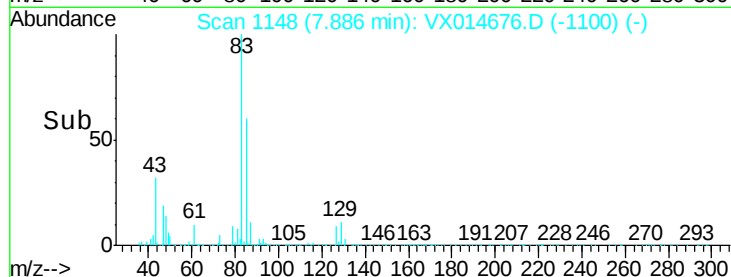
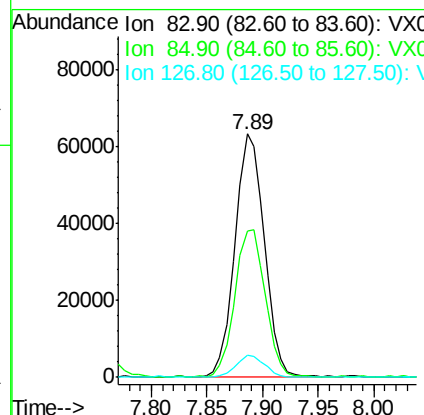
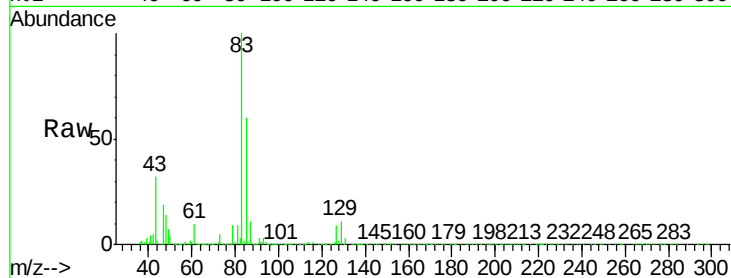
ClientSampleId :

VX0121WBSD01

Tot Ion:	83	Resp:	115487
Ion Ratio	Lower	Upper	
83	100		
85	60.1	51.7	77.5
127	9.0	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.191 ug/l

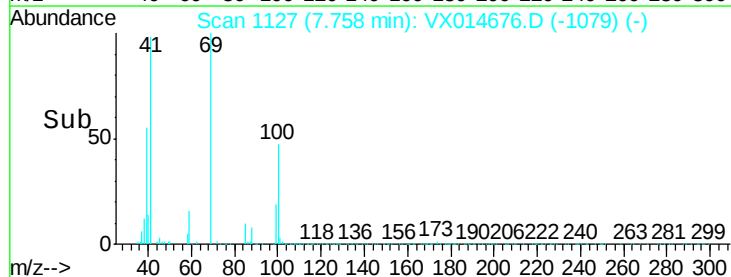
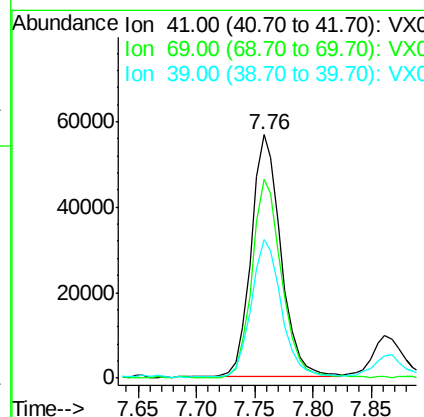
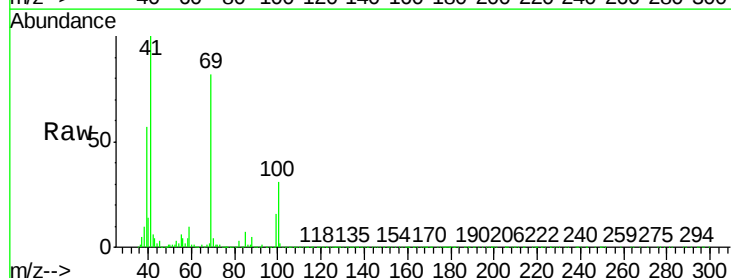
RT: 7.76 min Scan# 1127

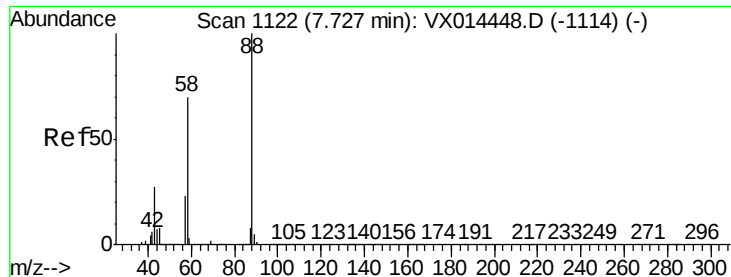
Delta R.T. -0.01 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Tgt Ion:	41	Resp:	101254
Ion Ratio	Lower	Upper	
41	100		
69	80.8	65.5	98.3
39	59.2	43.9	65.9





#49

1,4-Dioxane

Concen: 410.159 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Instrument :

MSVOA_X

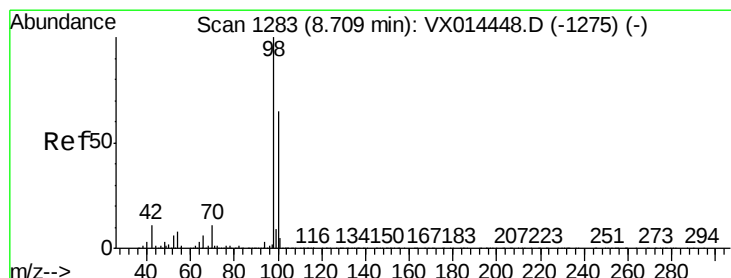
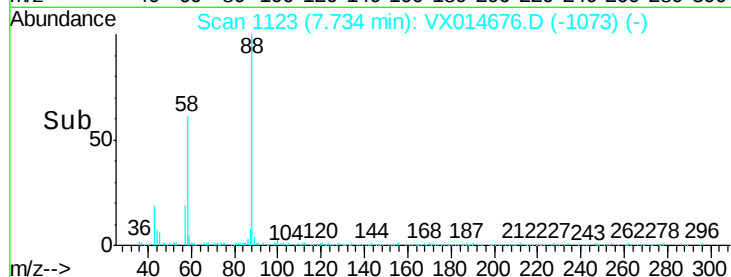
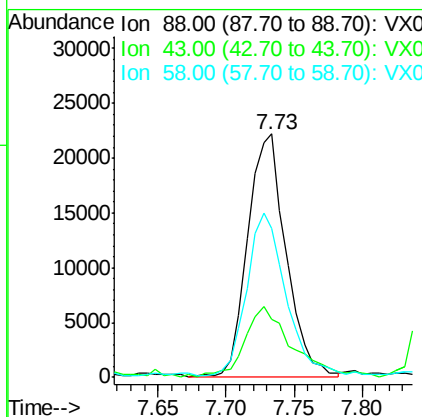
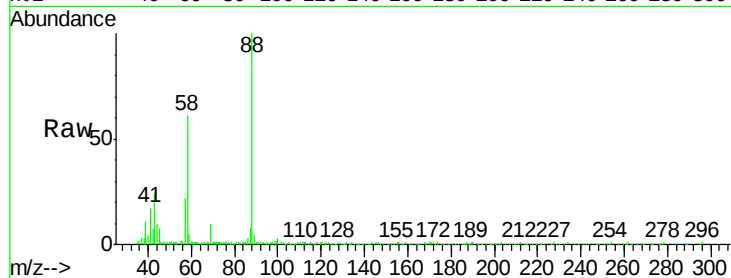
ClientSampleId :

VX0121WBSD01

Tot Ion:	88	Resp:	43583
Ion Ratio	Lower	Upper	
88	100		
43	36.6	27.4	41.0
58	69.0	57.1	85.7

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#50

Toluene-d8

Concen: 50.488 ug/l

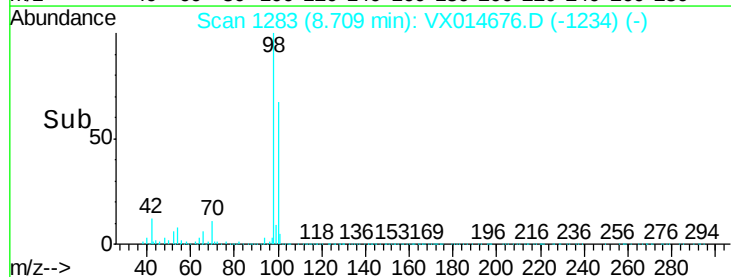
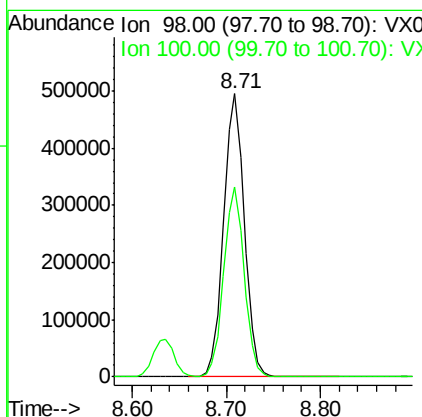
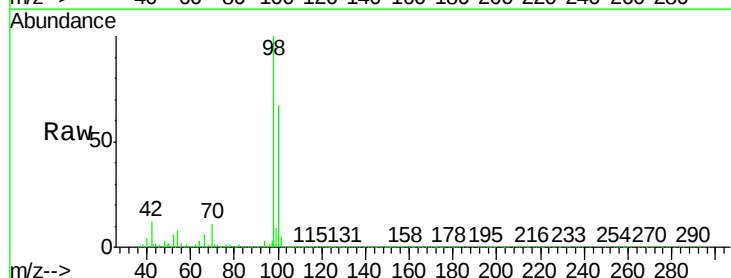
RT: 8.71 min Scan# 1283

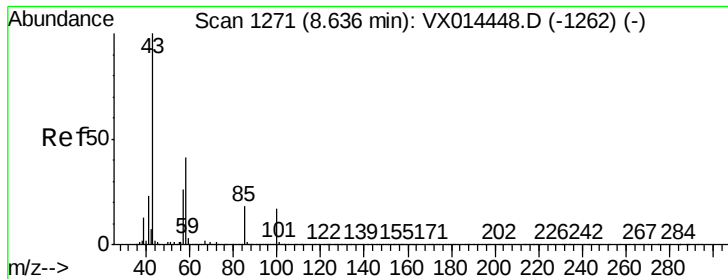
Delta R.T. 0.00 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Tgt Ion:	98	Resp:	752563
Ion Ratio	Lower	Upper	
98	100		
100	66.2	53.2	79.8





#51

4-Methyl-2-Pentanone

Concen: 104.815 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

VX0121WBSD01

Tot Ion: 43 Resp: 668767

Ion Ratio Lower Upper

43 100

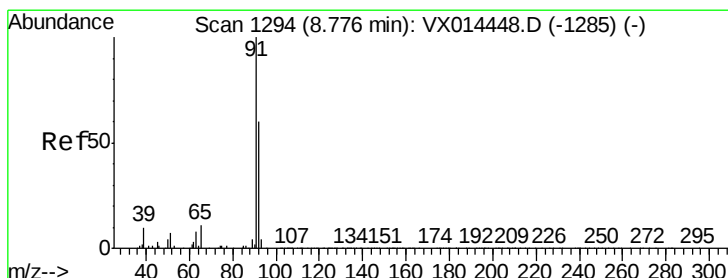
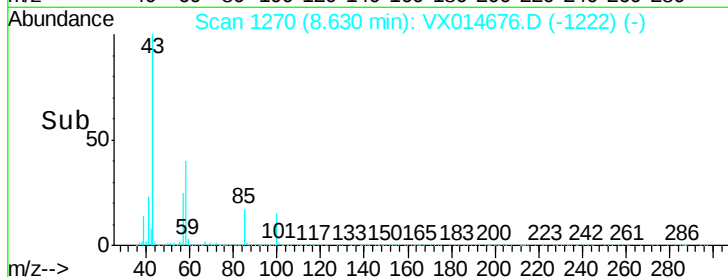
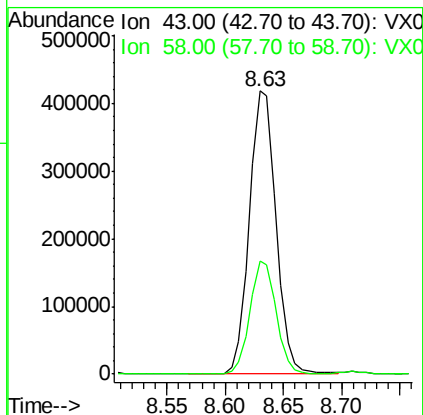
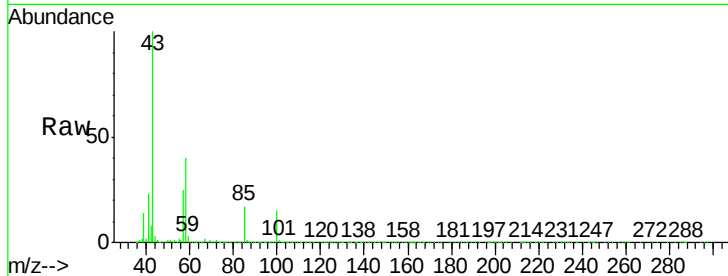
58 39.3 32.4 48.6

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#52

Toluene

Concen: 18.768 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX014676.D

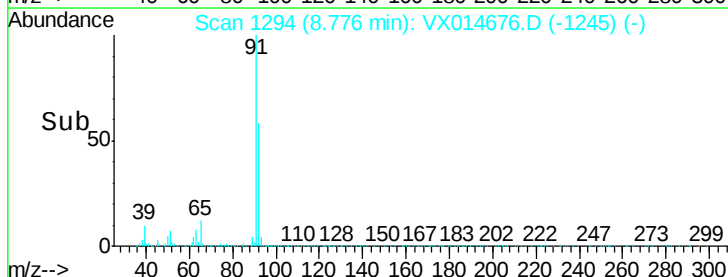
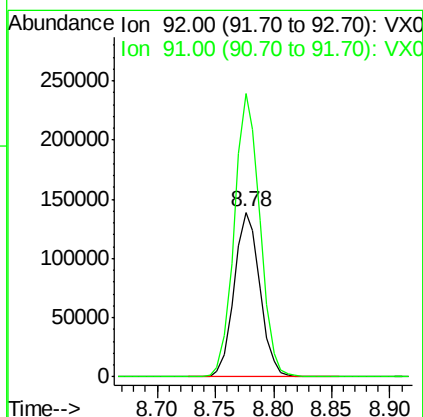
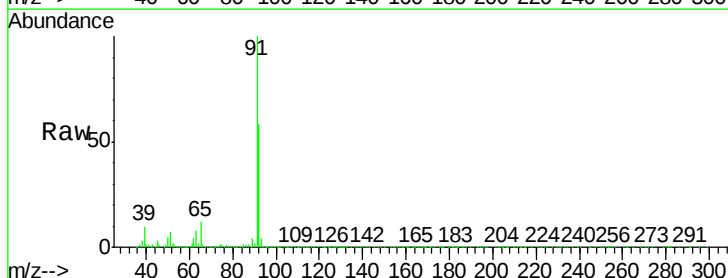
Acq: 21 Jan 2020 11:16

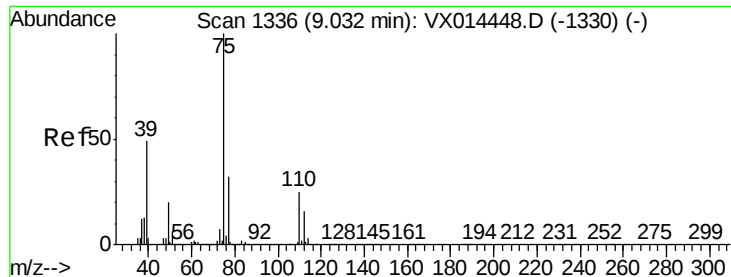
Tgt Ion: 92 Resp: 212772

Ion Ratio Lower Upper

92 100

91 172.0 135.7 203.5





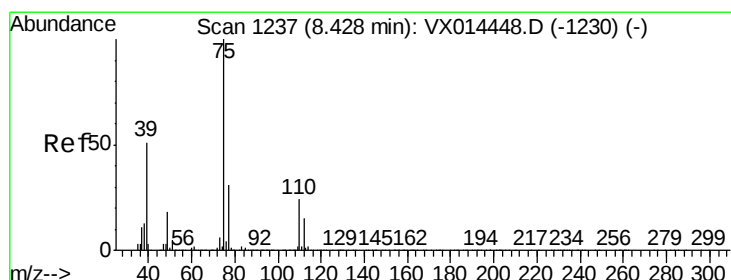
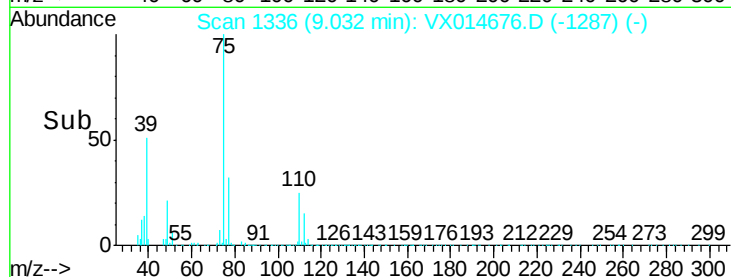
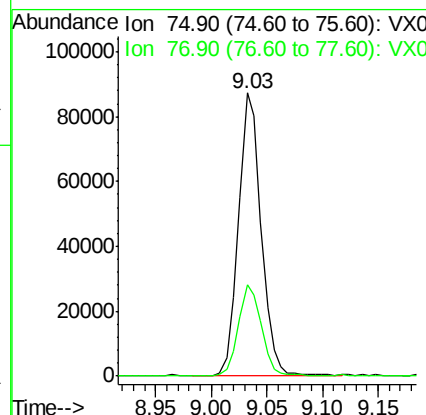
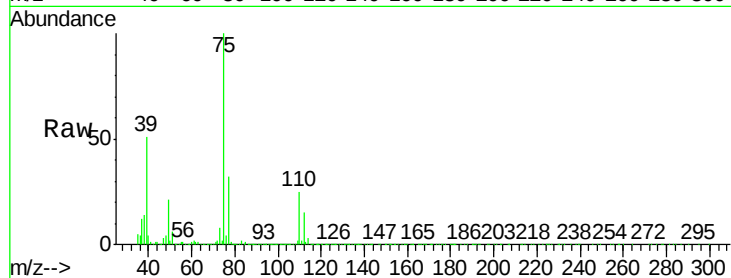
#53
t-1,3-Dichloropropene
Concen: 18.466 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0121WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.4	38.2

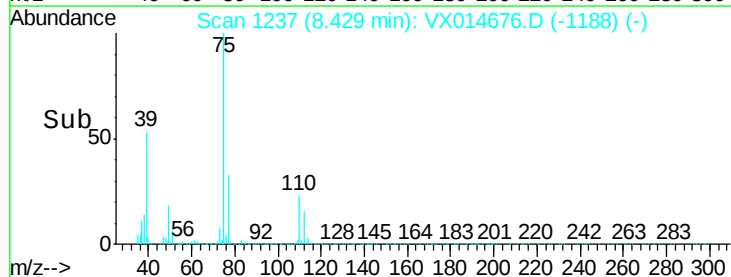
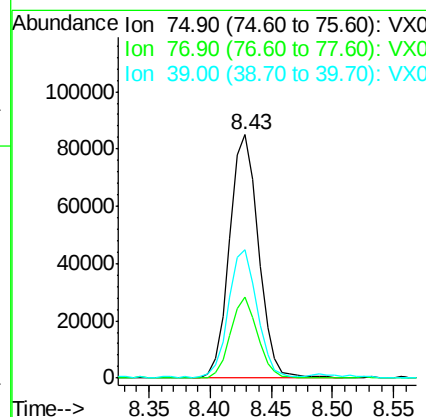
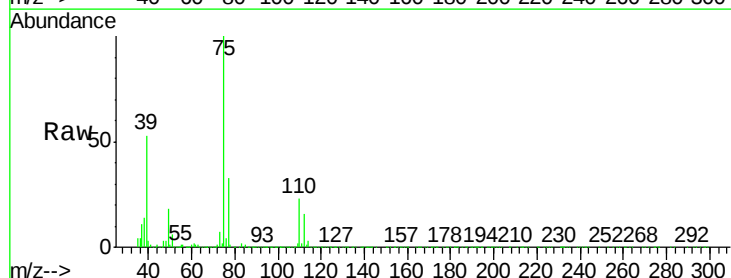
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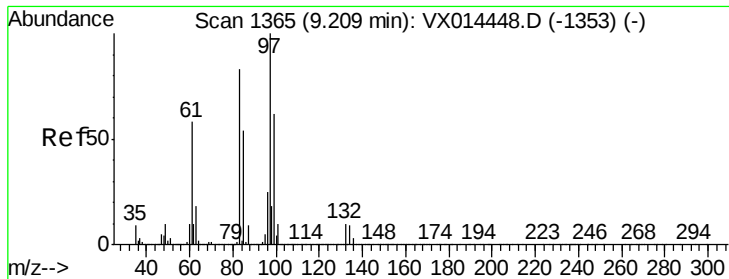
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#54
cis-1,3-Dichloropropene
Concen: 19.356 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.2	25.0	37.4
39	52.9	40.7	61.1





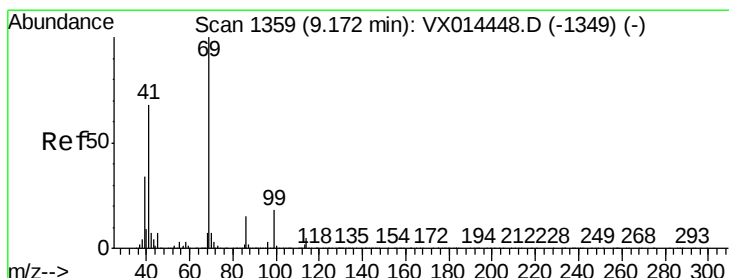
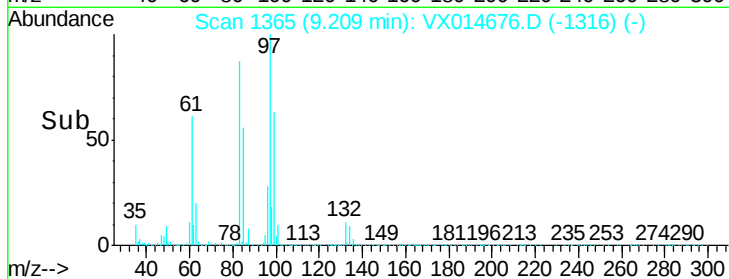
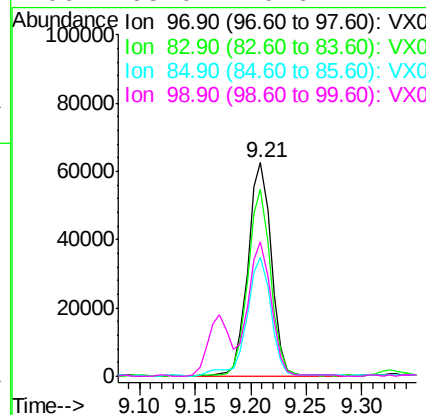
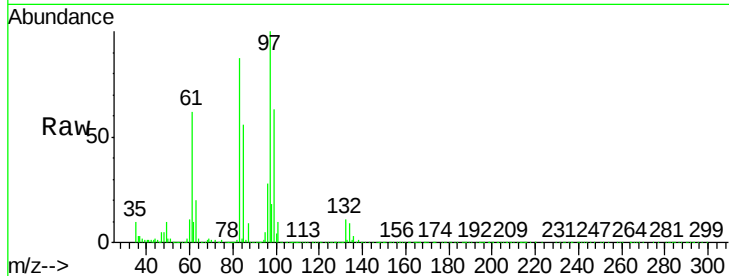
#55
 1,1,2-Trichloroethane
 Concen: 19.941 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014676.D
 Acq: 21 Jan 2020 11:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0121WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
97	100			
83	87.2	66.4	99.6	
85	55.4	43.4	65.2	
99	63.0	49.6	74.4	

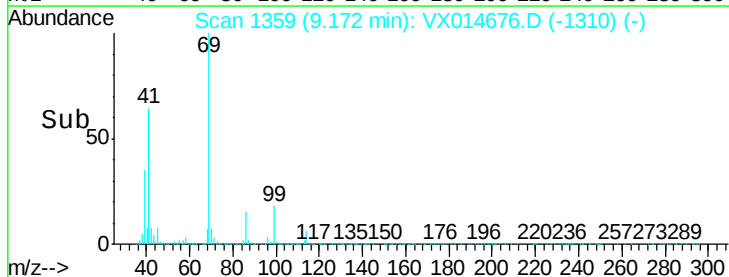
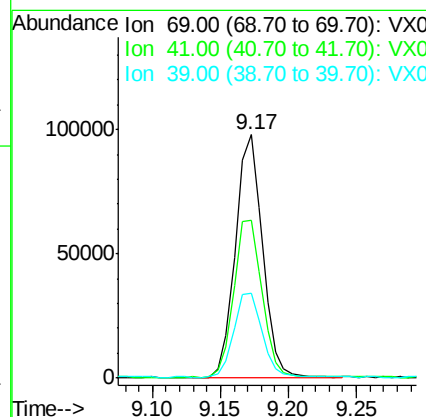
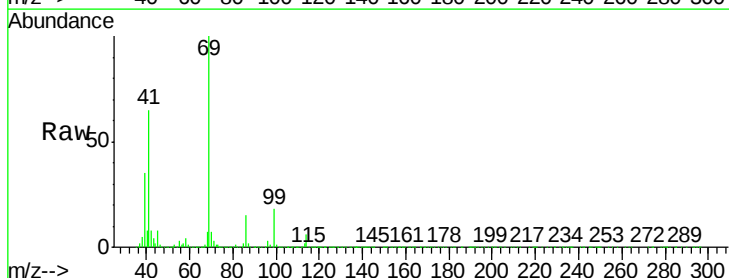
Manual Integrations
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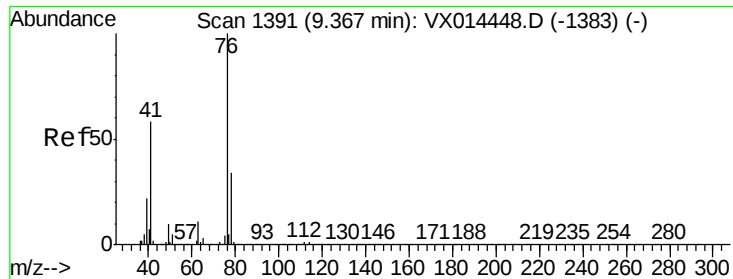
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#56
 Ethyl methacrylate
 Concen: 19.504 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014676.D
 Acq: 21 Jan 2020 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
69	100			
41	68.1	54.2	81.2	
39	36.5	28.2	42.2	





#57

1,3-Dichloropropane

Concen: 20.392 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

VX0121WBSD01

Tot Ion: 76 Resp: 155258

Ion Ratio Lower Upper

76 100

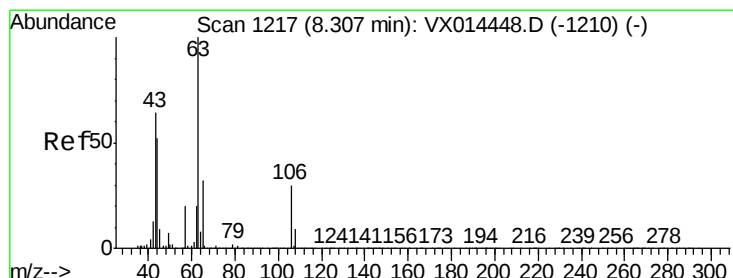
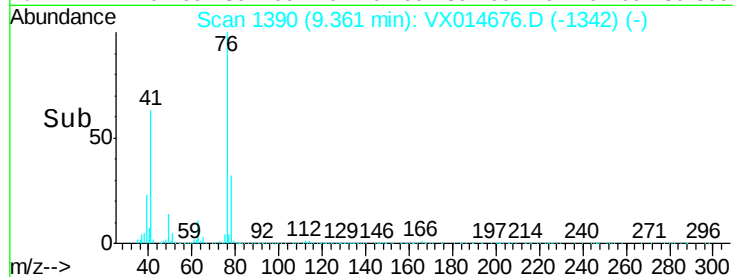
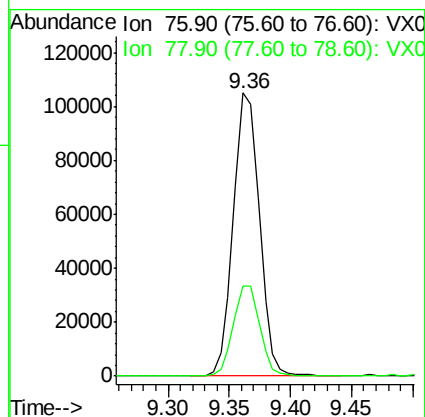
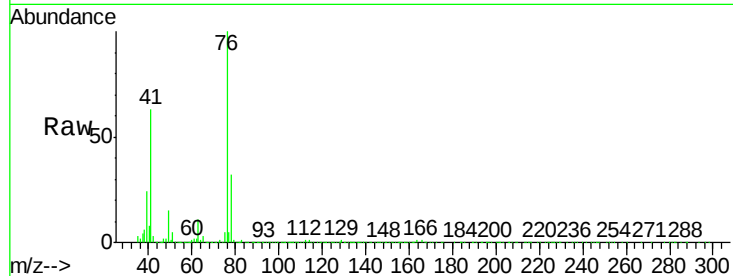
78 32.4 26.4 39.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 97.504 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014676.D

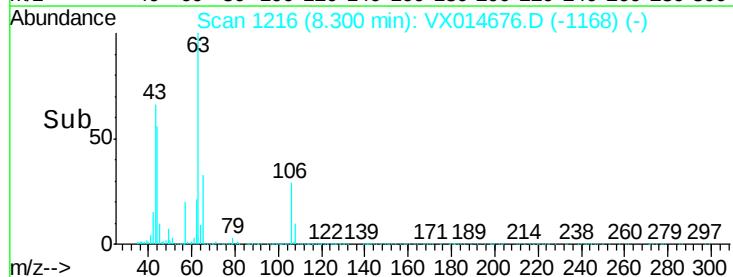
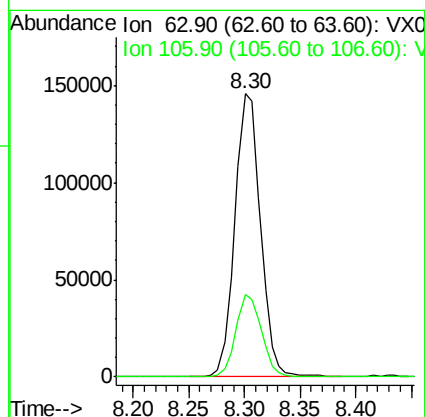
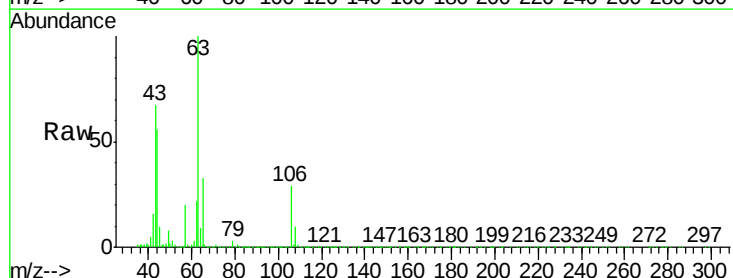
Acq: 21 Jan 2020 11:16

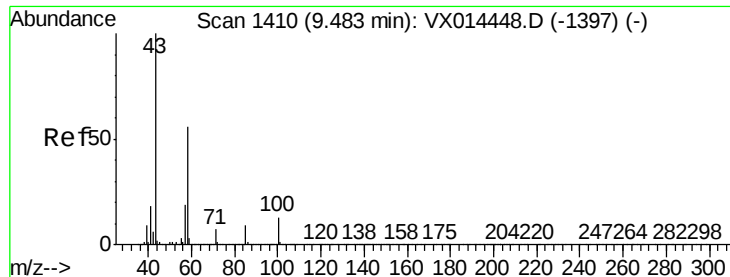
Tgt Ion: 63 Resp: 231440

Ion Ratio Lower Upper

63 100

106 29.0 23.6 35.4





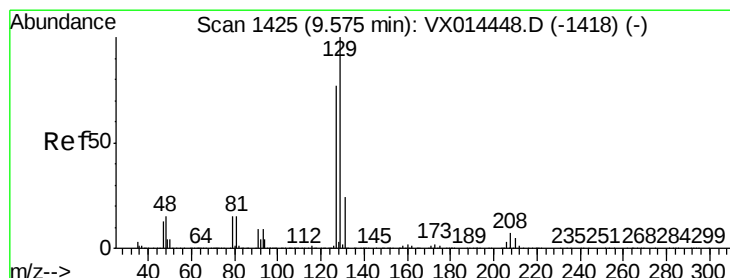
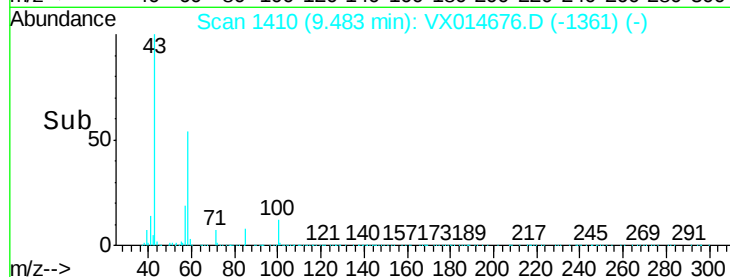
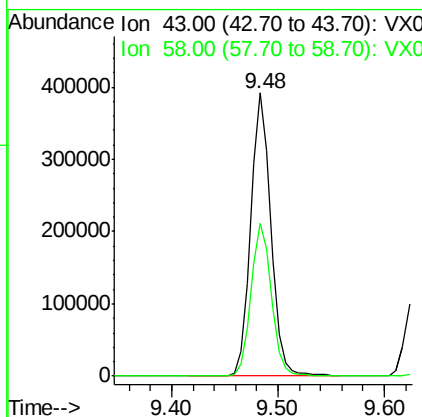
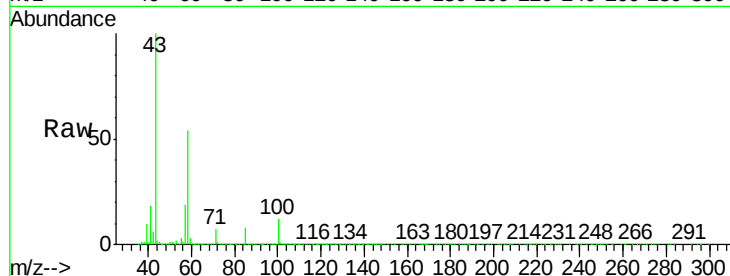
#59
2-Hexanone
Concen: 103.541 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0121WBSD01

Tot Ion: 43 Resp: 522723
Ion Ratio Lower Upper
43 100
58 54.6 27.9 83.7

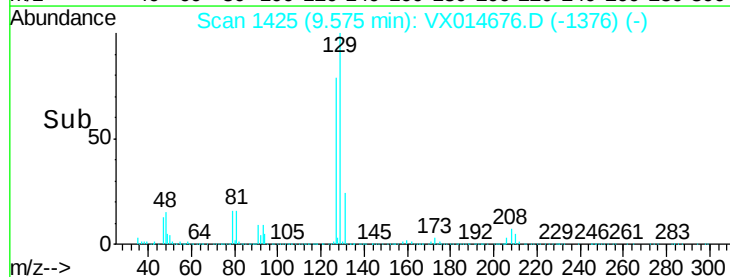
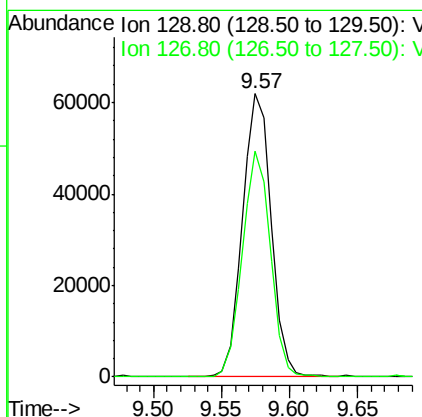
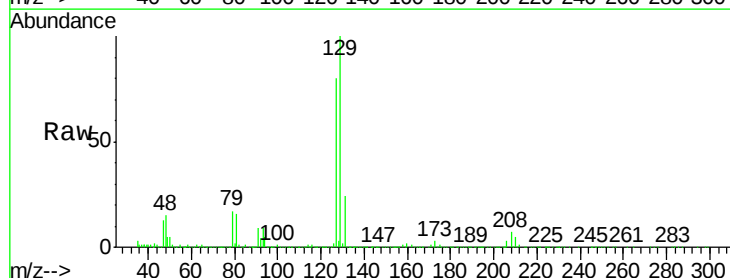
Manual Integrations
APPROVED

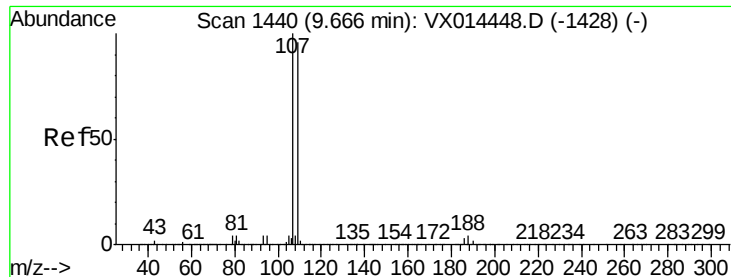
MMDadoda
1/22/2020 12:26:48 PM



#60
Dibromochloromethane
Concen: 19.888 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Tgt Ion: 129 Resp: 91026
Ion Ratio Lower Upper
129 100
127 78.2 38.6 116.0





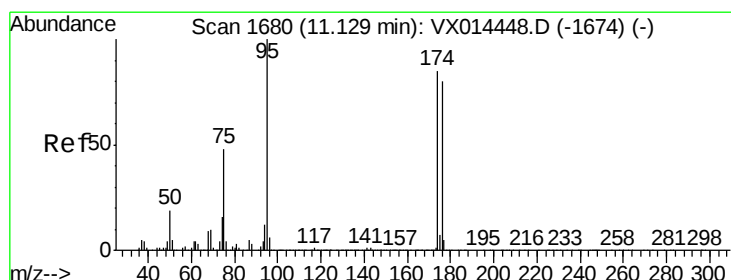
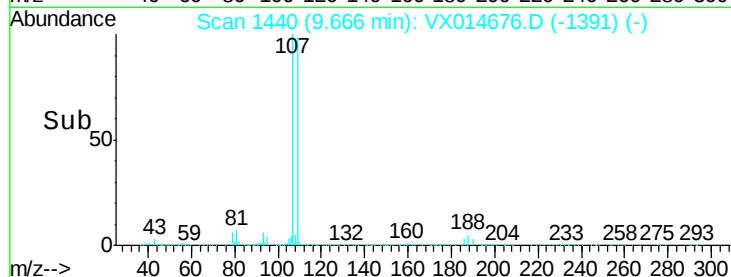
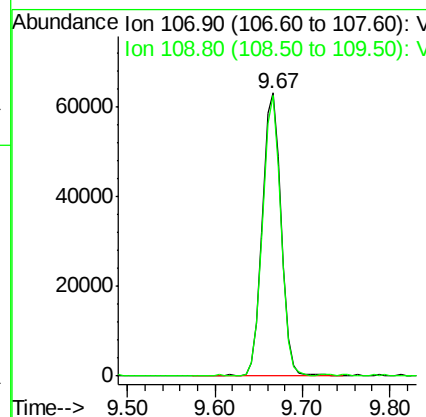
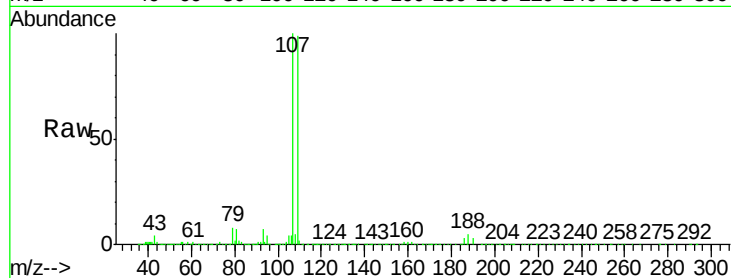
#61
 1,2-Dibromoethane
 Concen: 19.532 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX014676.D
 Acq: 21 Jan 2020 11:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0121WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.3	76.5	114.7

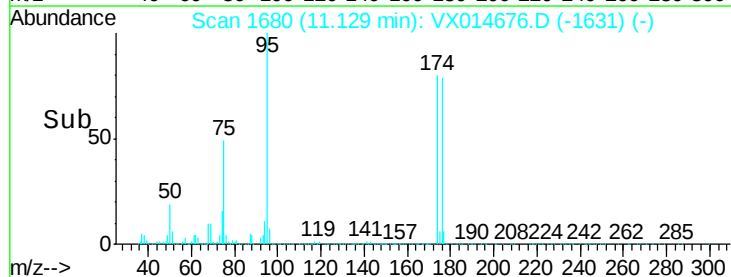
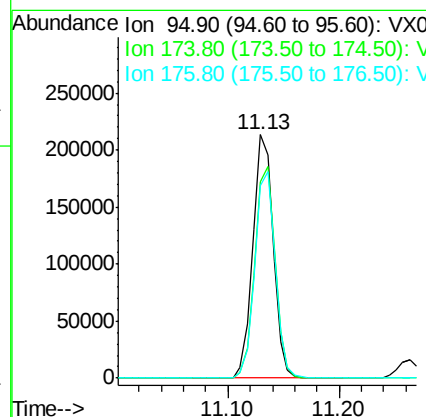
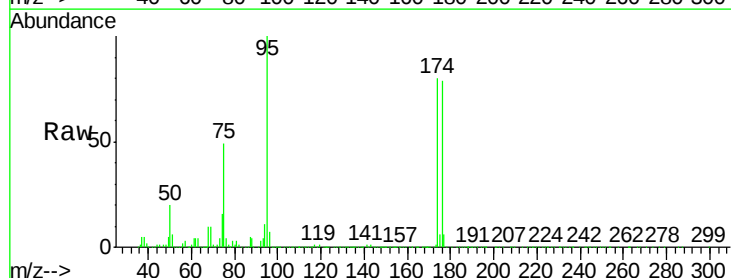
Manual Integrations
 APPROVED

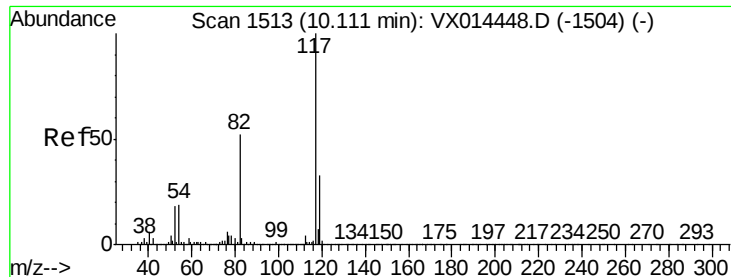
MMDadoda
 1/22/2020 12:26:48 PM



#62
 4-Bromofluorobenzene
 Concen: 49.565 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: VX014676.D
 Acq: 21 Jan 2020 11:16

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.1	0.0	180.8
176	85.4	0.0	172.8





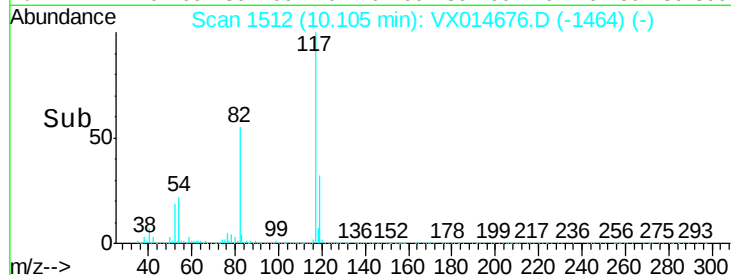
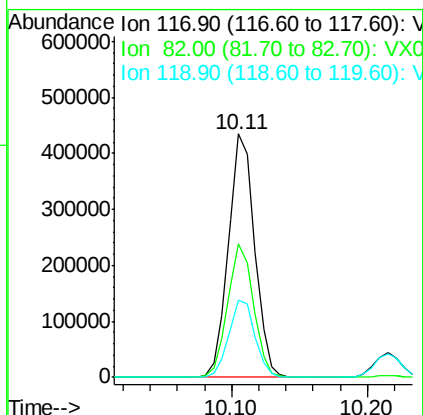
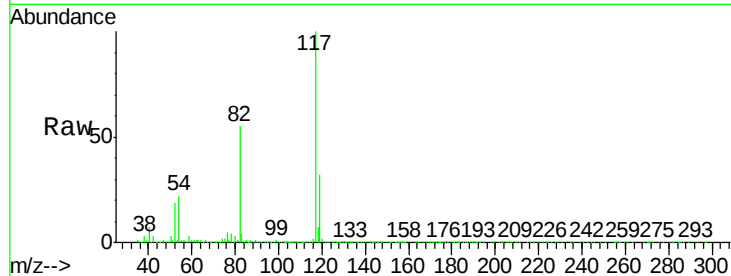
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0121WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	580664		
82	54.6	41.8	62.6	
119	31.9	26.2	39.4	

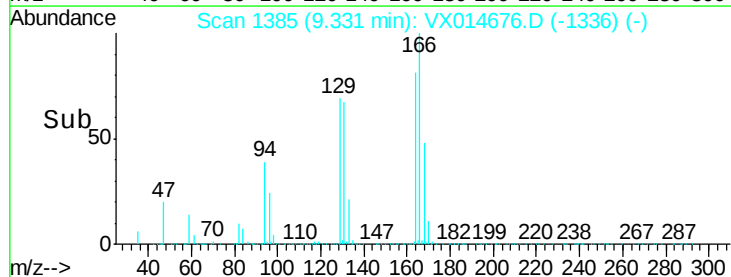
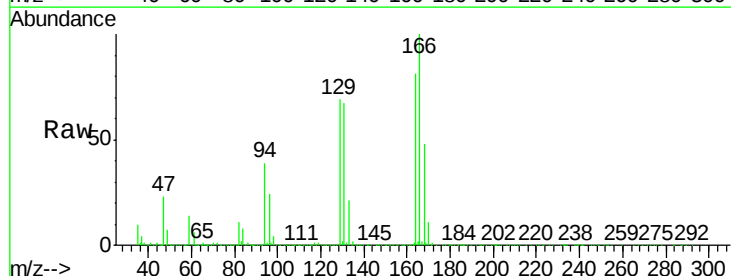
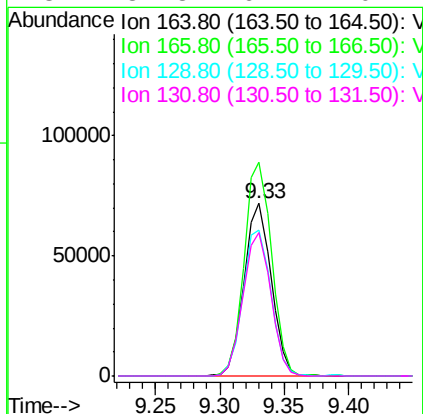
Manual Integrations
APPROVED

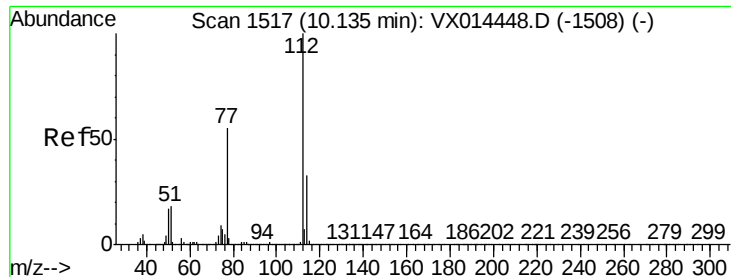
MMDadoda
1/22/2020 12:26:48 PM



#64
Tetrachloroethene
Concen: 18.018 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	104854		
166	123.8	101.2	151.8	
129	84.8	68.3	102.5	
131	82.8	67.4	101.2	





#65

Chlorobenzene

Concen: 18.476 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

VX0121WBSD01

Tot Ion:112 Resp: 232816

Ion Ratio Lower Upper

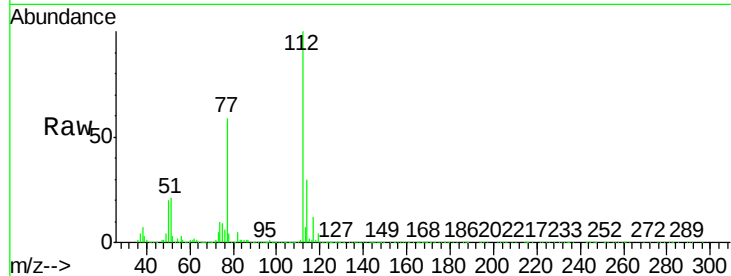
112 100

114 30.3 26.2 39.4

Manual Integrations
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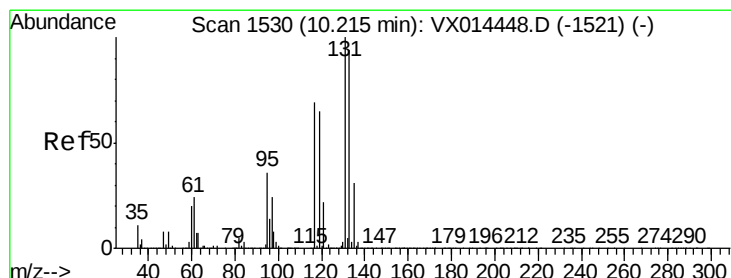
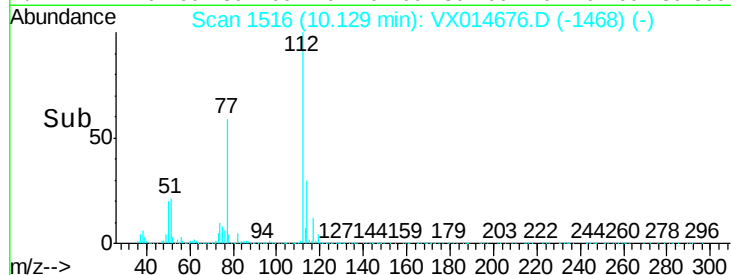
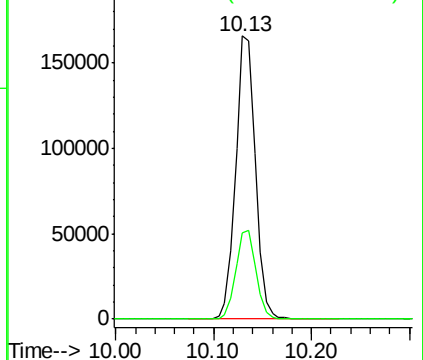
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.947 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

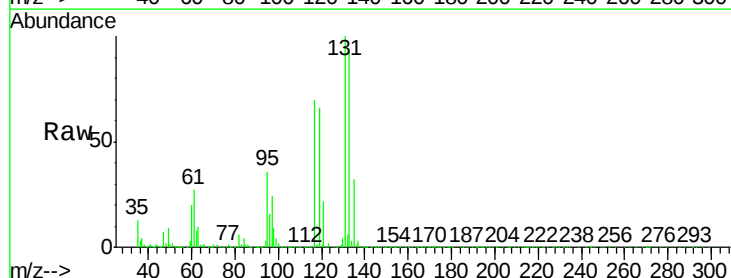
Tgt Ion:131 Resp: 85204

Ion Ratio Lower Upper

131 100

133 96.4 47.3 142.0

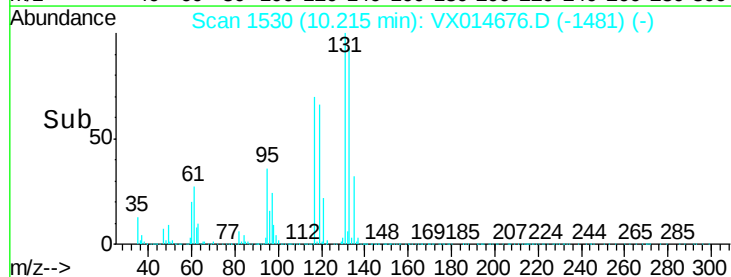
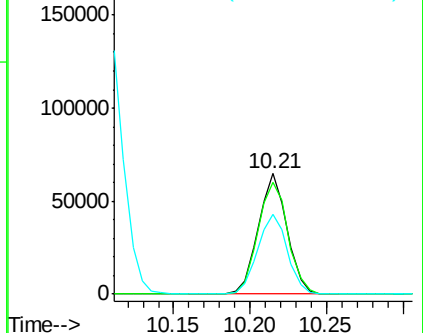
119 67.4 32.8 98.4

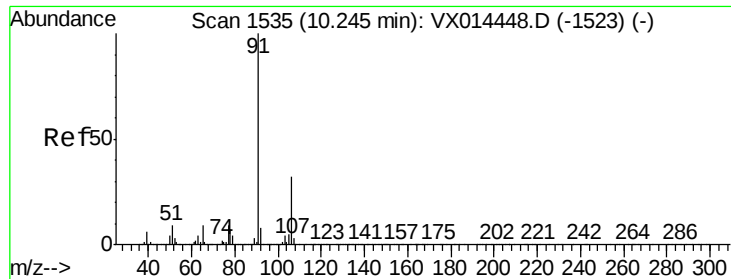


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





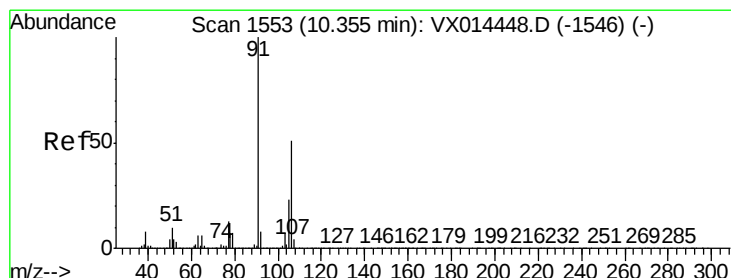
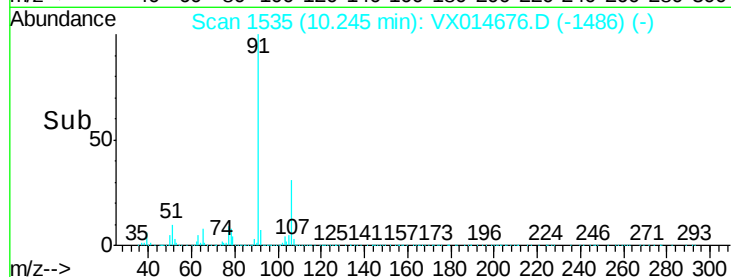
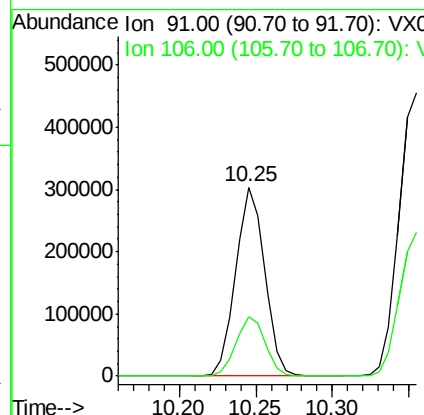
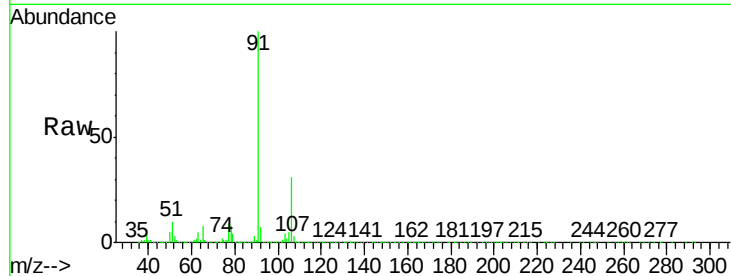
#67
Ethyl Benzene
Concen: 18.576 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0121WBSD01

Tot Ion: 91 Resp: 398985
Ion Ratio Lower Upper
91 100
106 31.4 25.6 38.4

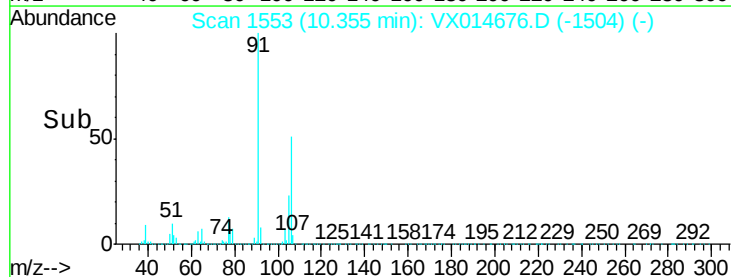
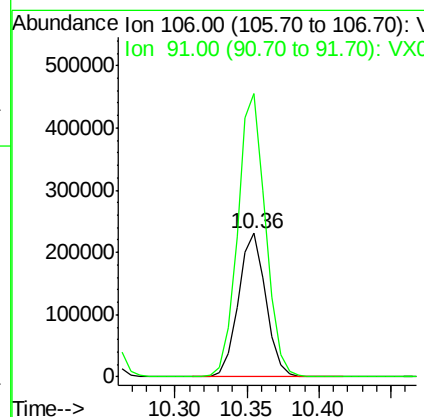
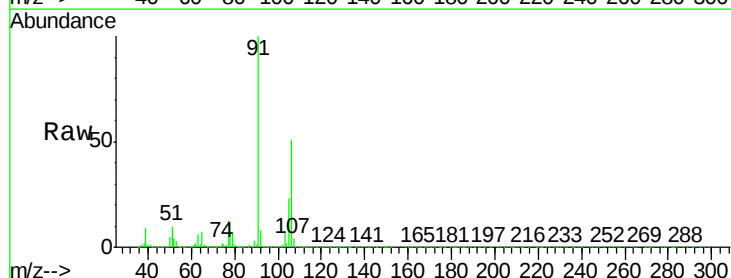
Manual Integrations
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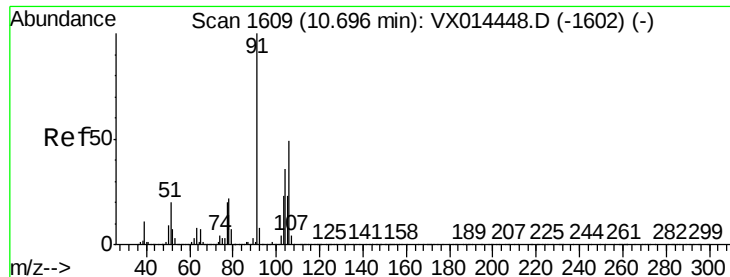
MMDadoda
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#68
m/p-Xylenes
Concen: 36.987 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Tgt Ion: 106 Resp: 306485
Ion Ratio Lower Upper
106 100
91 199.6 157.4 236.0





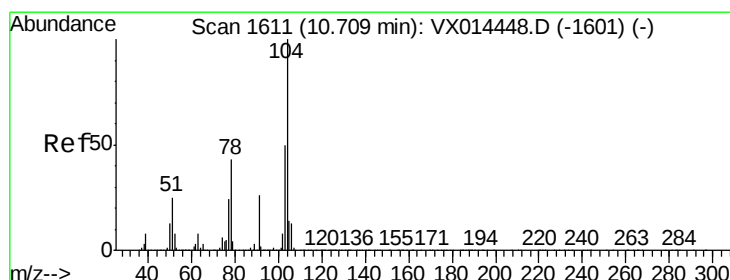
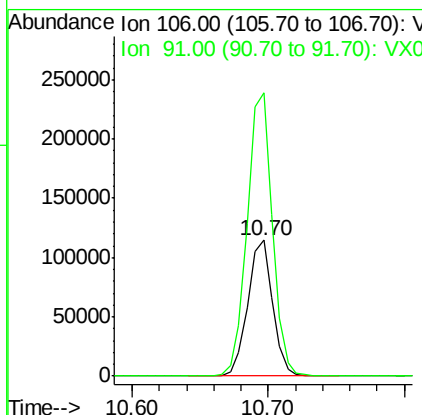
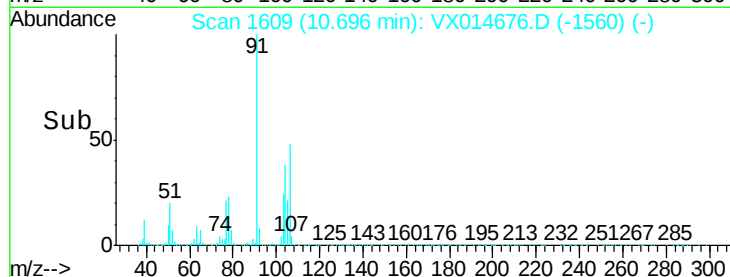
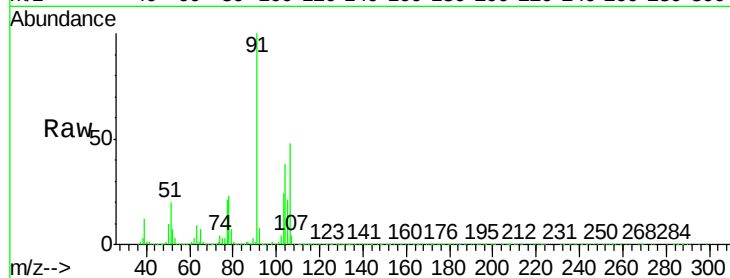
#69
o-Xylene
Concen: 18.579 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Instrument :
MSVOA_X
ClientSampleID :
VX0121WBSD01

Tot Ion:106 Resp: 146889
Ion Ratio Lower Upper
106 100
91 210.9 105.1 315.1

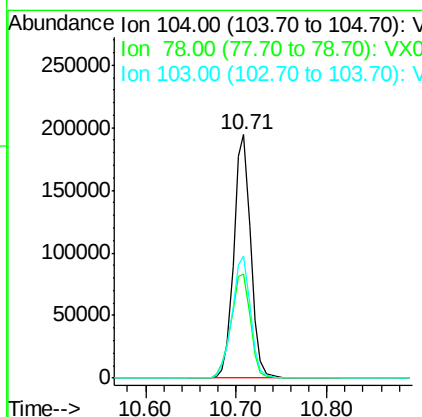
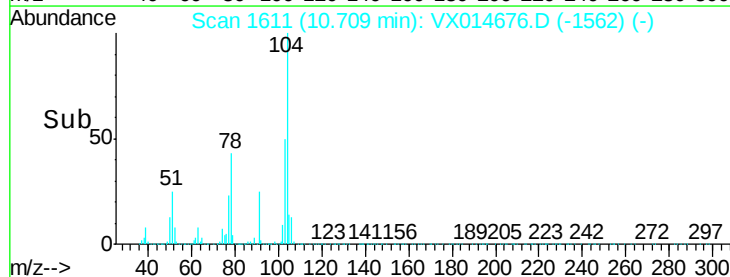
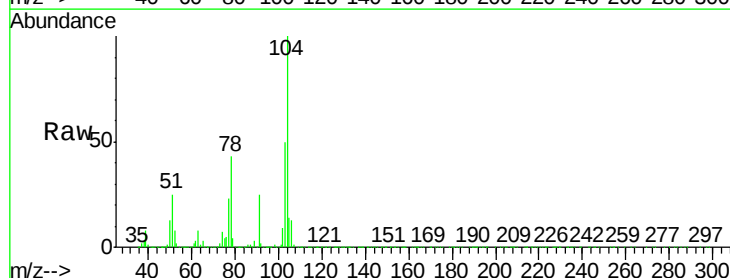
Manual Integrations
APPROVED

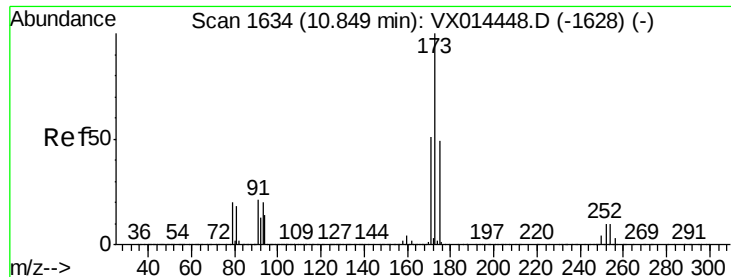
MMDadoda
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#70
Styrene
Concen: 18.488 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Tgt Ion:104 Resp: 252253
Ion Ratio Lower Upper
104 100
78 48.7 38.6 58.0
103 54.0 43.7 65.5





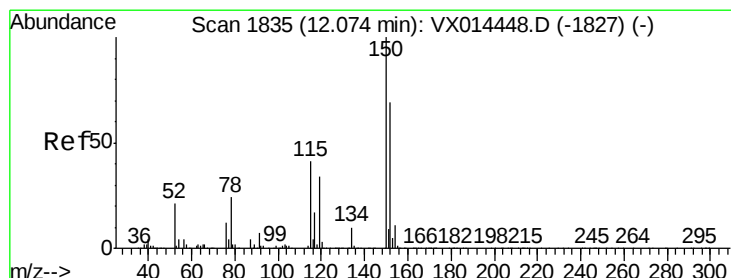
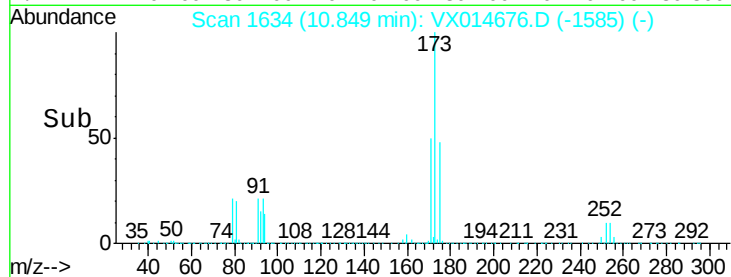
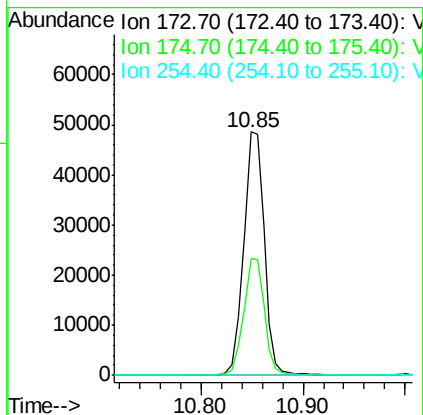
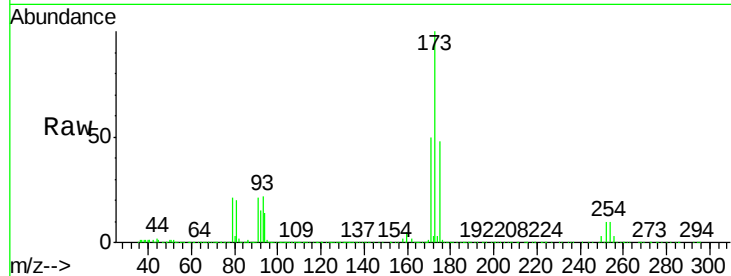
#71
Bromoform
Concen: 18.407 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0121WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.3	72.8
254	0.1	0.2	0.2

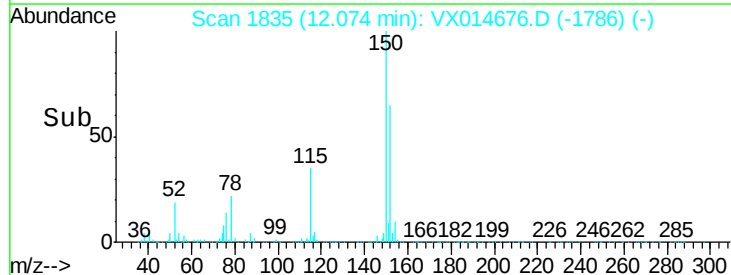
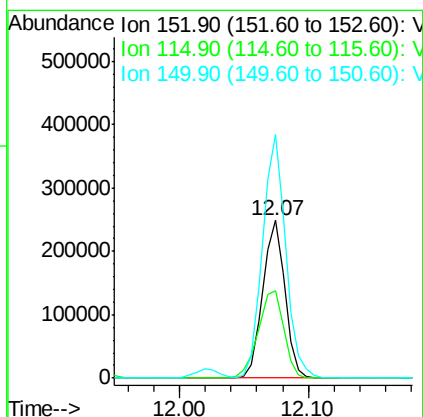
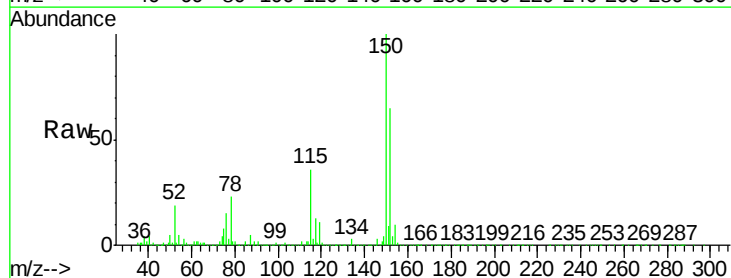
Manual Integrations
APPROVED

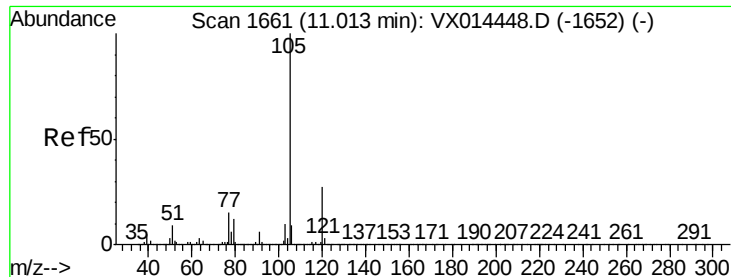
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.0	39.5	118.3
150	161.4	0.0	350.2





#73

Isopropylbenzene

Concen: 19.210 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

VX0121WBSD01

Tot Ion: 105 Resp: 397339

Ion Ratio Lower Upper

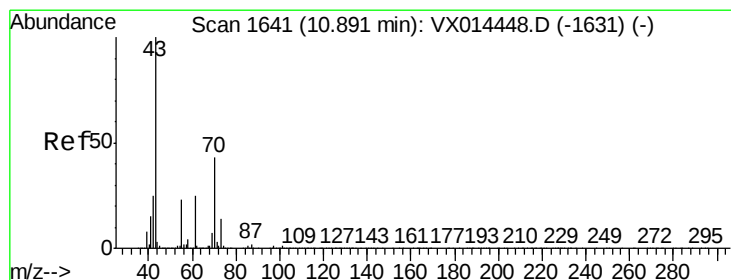
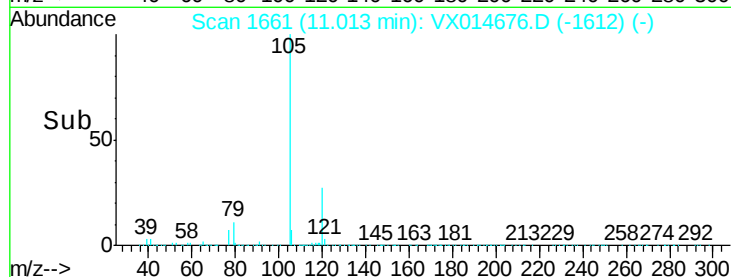
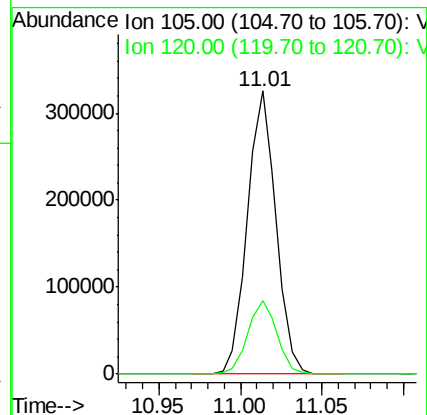
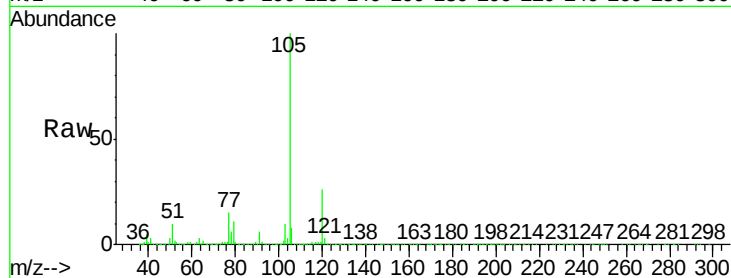
105 100

120 26.4 13.4 40.2

Manual Integrations
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#74

N-ethyl acetate

Concen: 18.865 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Tgt Ion: 43 Resp: 172155

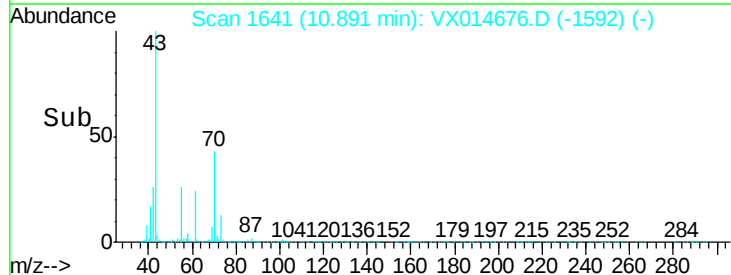
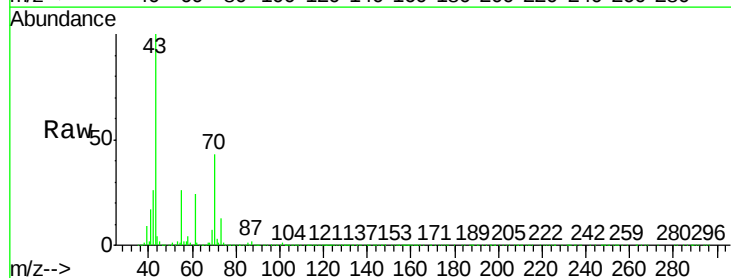
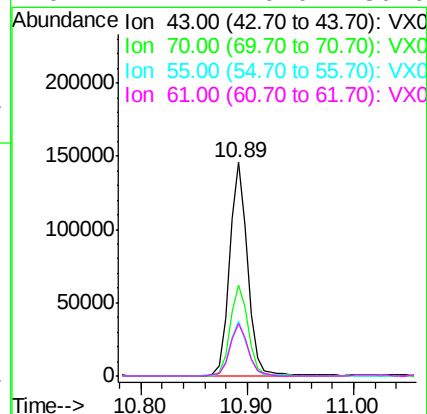
Ion Ratio Lower Upper

43 100

70 42.5 35.1 52.7

55 25.5 19.3 28.9

61 24.2 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.439 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Instrument :

MSVOA_X

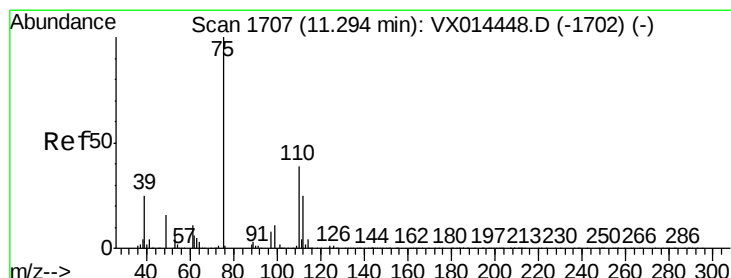
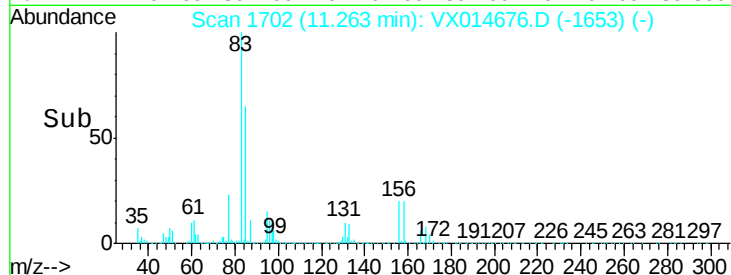
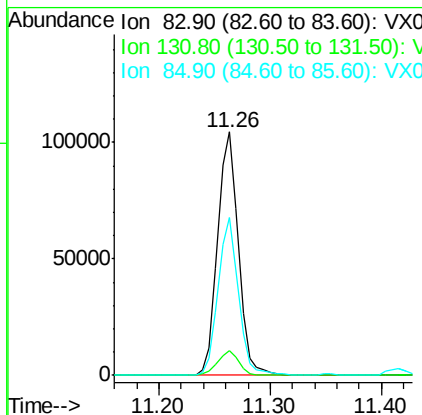
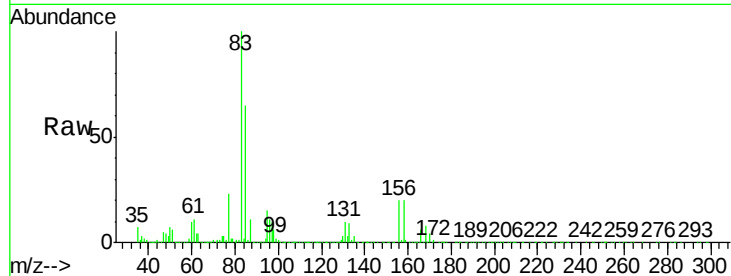
ClientSampleId :

VX0121WBSD01

Tot Ion:	83	Resp:	135577
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.4
85	63.5	32.5	97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.057 ug/l m

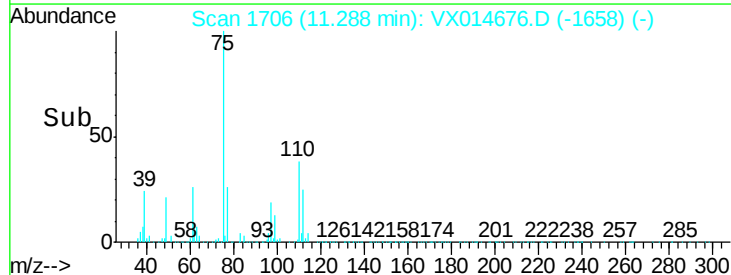
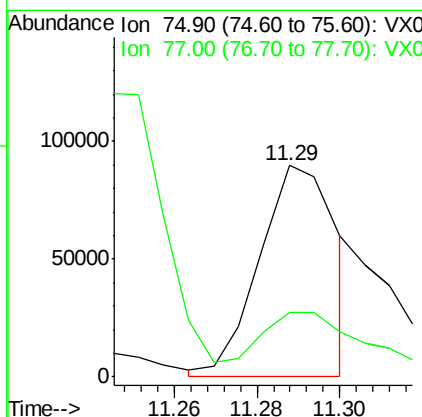
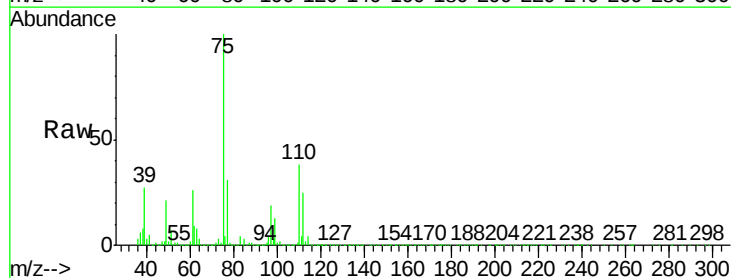
RT: 11.29 min Scan# 1706

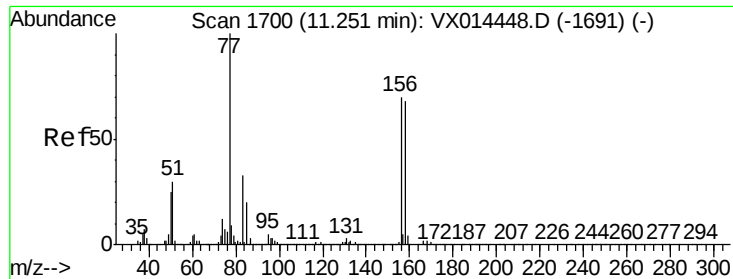
Delta R.T. -0.01 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Tgt Ion:	75	Resp:	116140
Ion Ratio	Lower	Upper	
75	100		
77	42.9	21.9	65.7





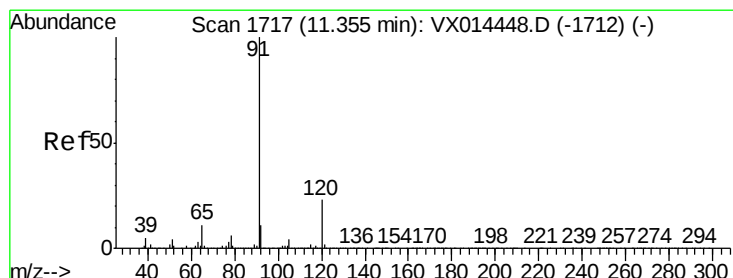
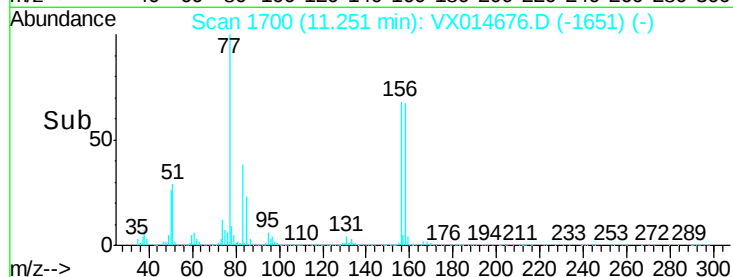
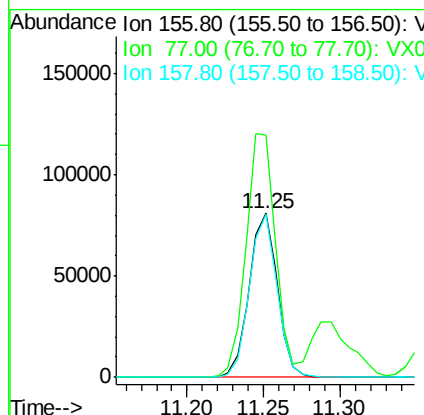
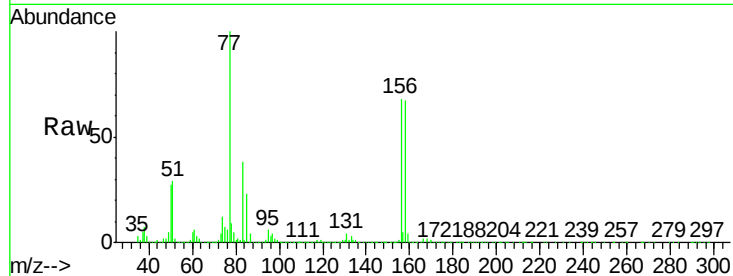
#77
Bromobenzene
Concen: 18.060 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0121WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
156	100	103595		
77	154.0	75.4	226.3	
158	97.1	48.8	146.3	

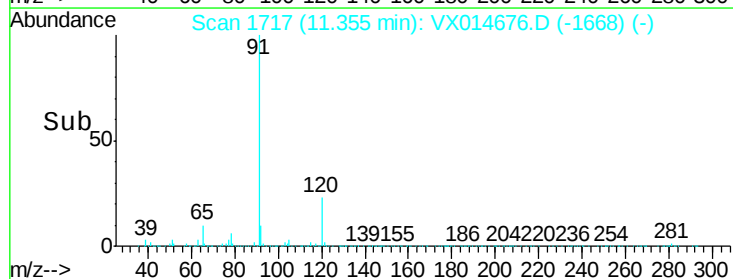
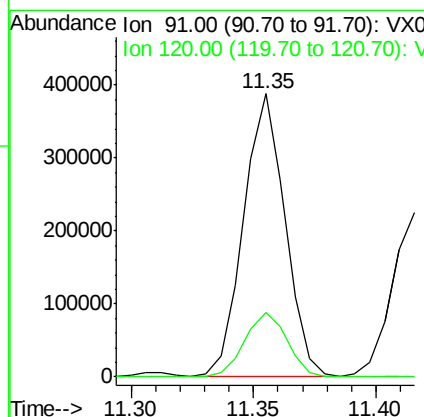
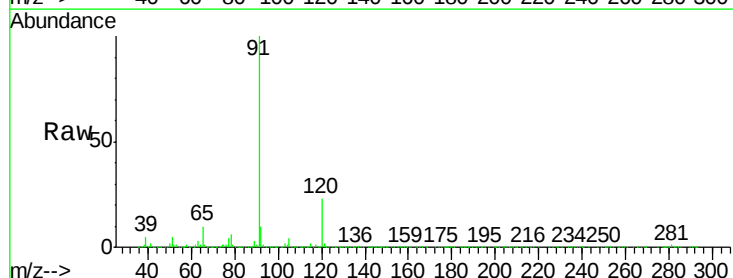
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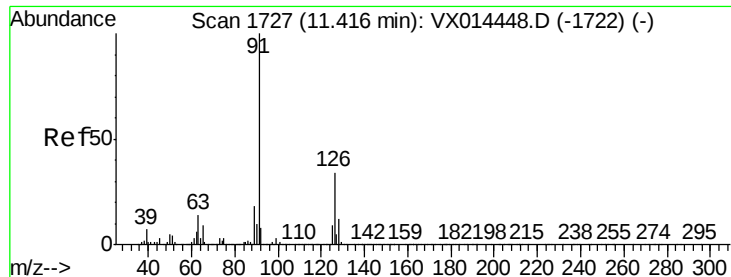
MMDadoda
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#78
n-propylbenzene
Concen: 19.239 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	455739		
120	23.1	11.9	35.5	





#79

2-Chlorotoluene

Concen: 19.210 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

VX0121WBSD01

Tot Ion: 91 Resp: 271200

Ion Ratio Lower Upper

91 100

126 35.1

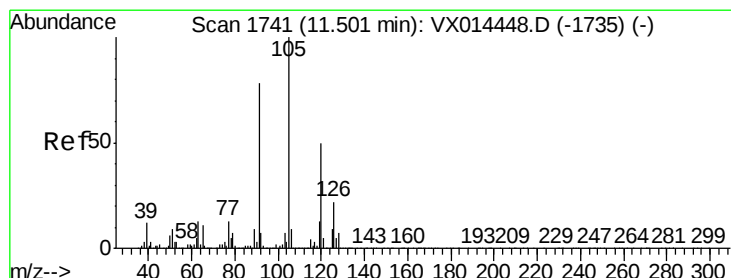
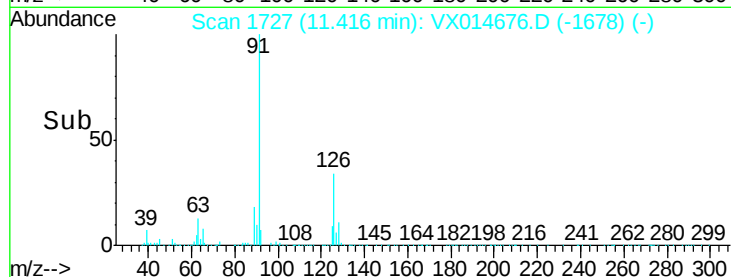
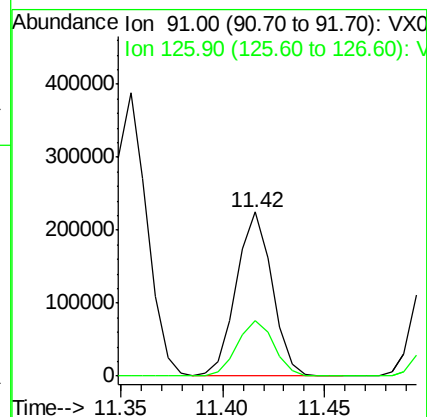
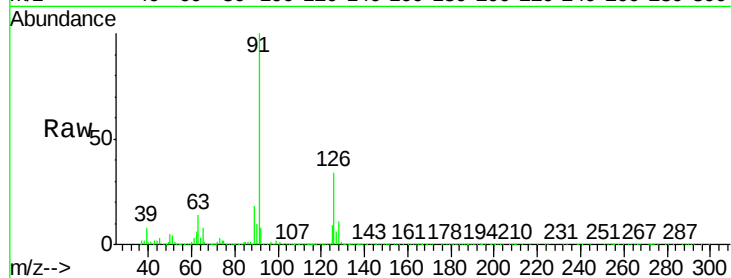
17.5

52.5

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#80

1,3,5-Trimethylbenzene

Concen: 19.009 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Tgt Ion: 105 Resp: 326439

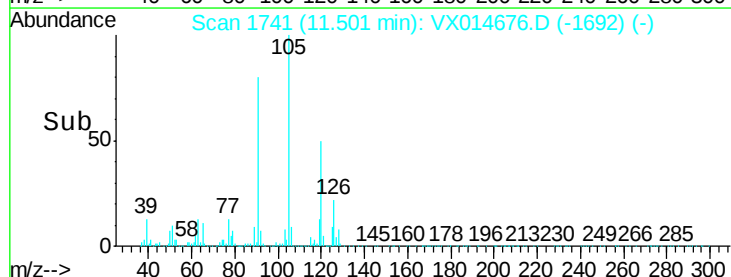
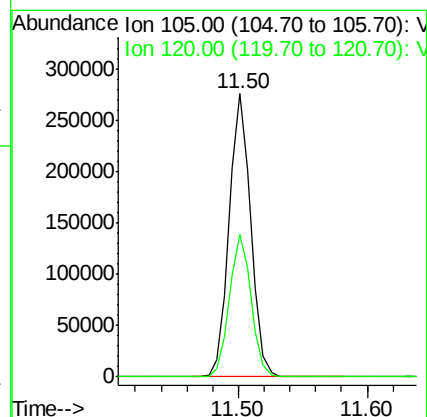
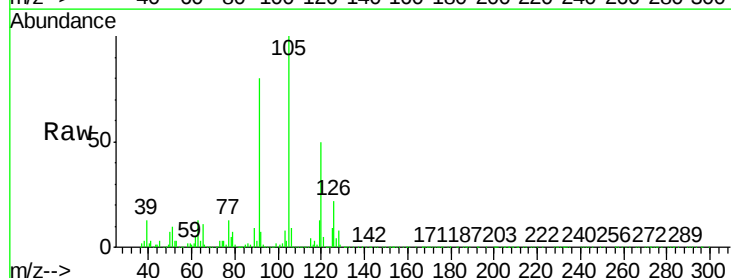
Ion Ratio Lower Upper

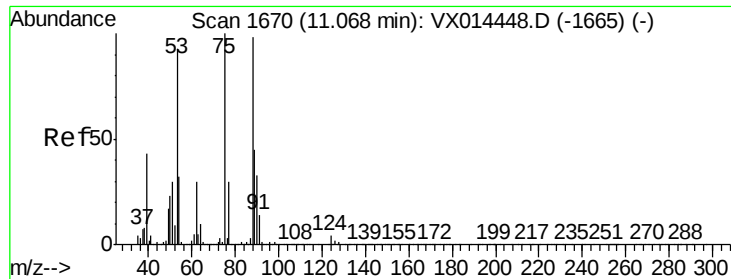
105 100

120 50.3

25.2

75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.979 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Instrument :

MSVOA_X

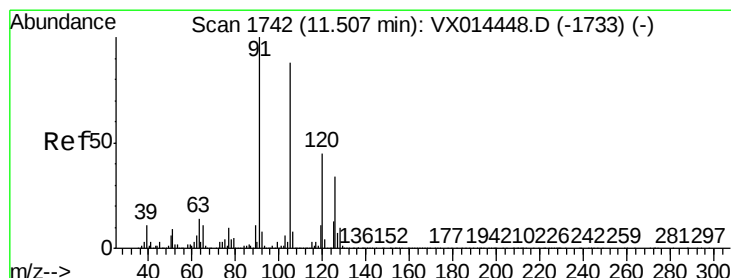
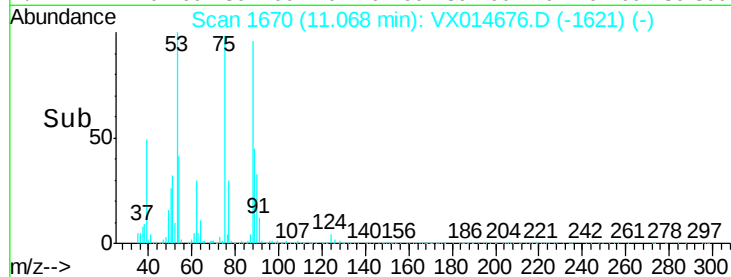
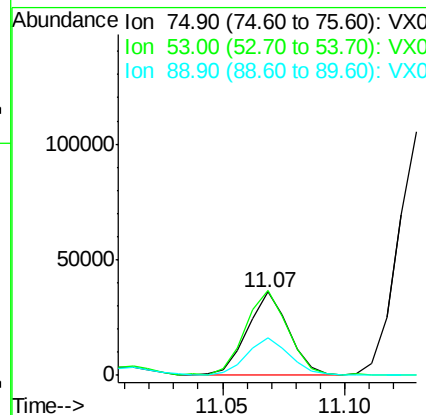
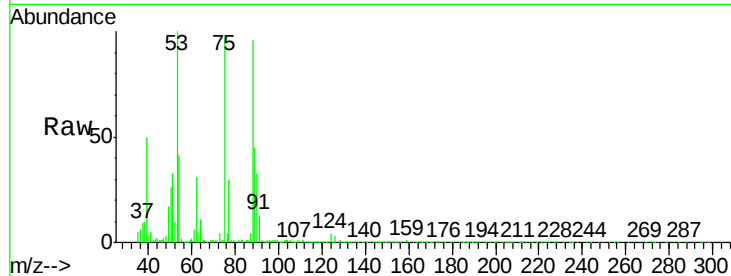
ClientSampleId :

VX0121WBSD01

Tot Ion:	75	Resp:	41443
Ion Ratio	Lower	Upper	
75	100		
53	105.3	74.8	112.2
89	47.7	36.3	54.5

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#82

4-Chlorotoluene

Concen: 18.467 ug/l

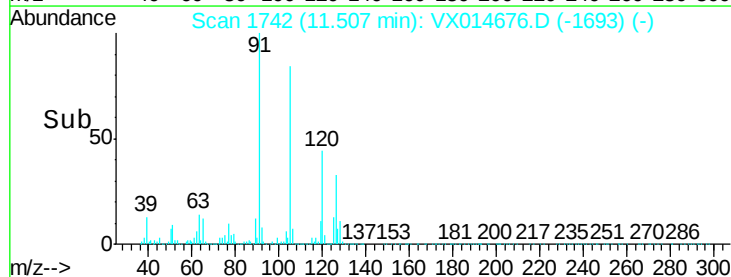
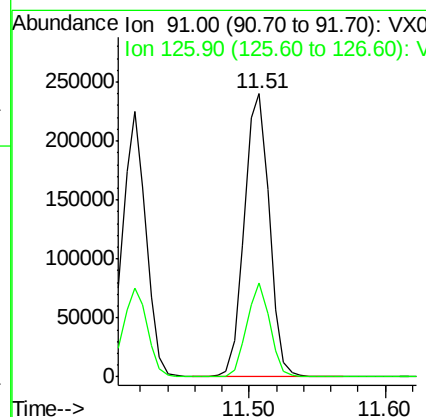
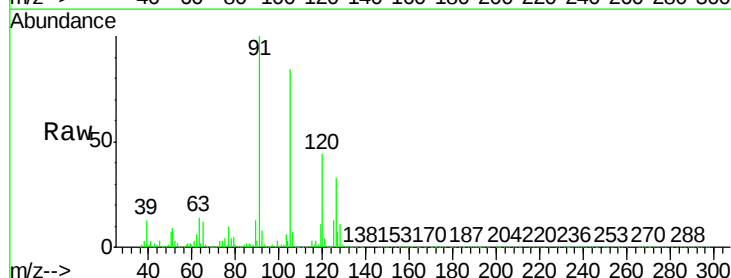
RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Tgt Ion:	91	Resp:	306033
Ion Ratio	Lower	Upper	
91	100		
126	30.8	15.9	47.7





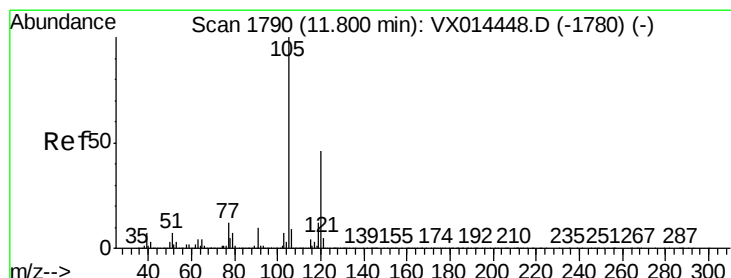
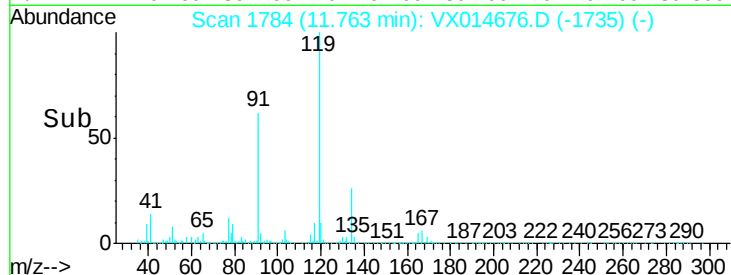
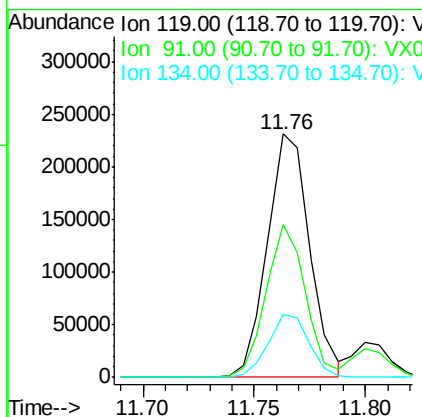
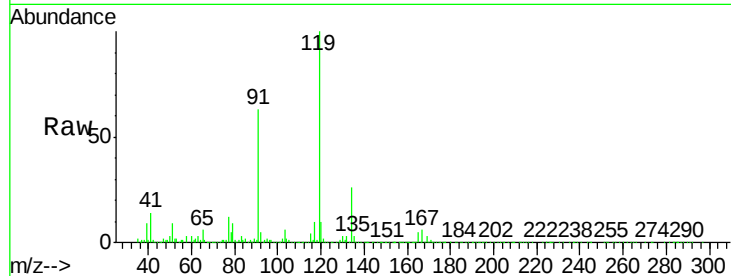
#83
tert-Butylbenzene
Concen: 18.762 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0121WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.4	29.3	88.0
134	25.0	12.4	37.4

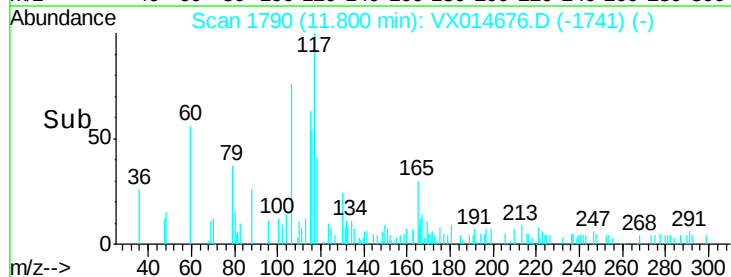
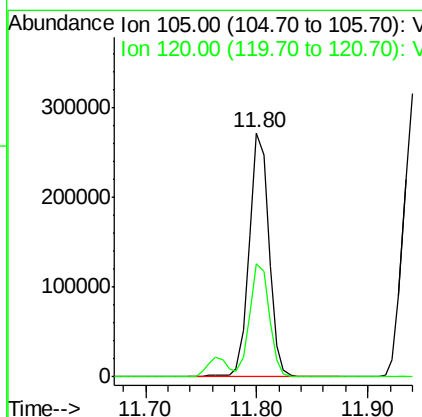
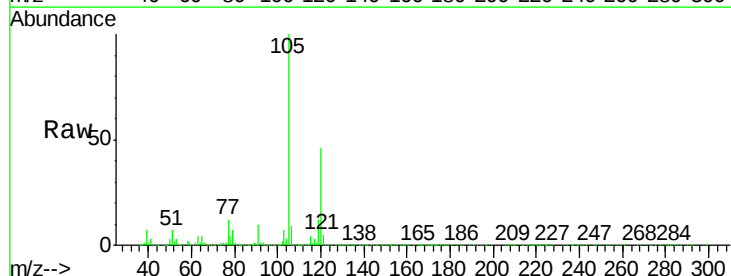
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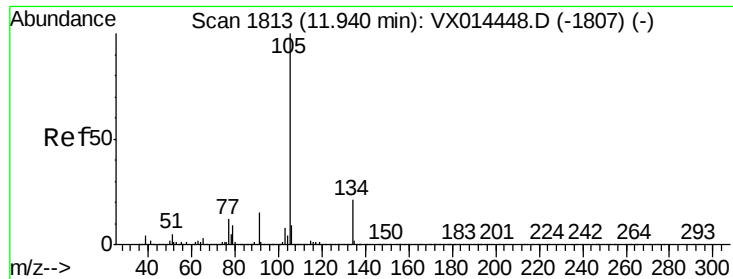
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#84
1,2,4-Trimethylbenzene
Concen: 19.237 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.1	69.3





#85

sec-Butylbenzene

Concen: 18.874 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Instrument :

MSVOA_X

ClientSampled :

VX0121WBSD01

Tot Ion:105 Resp: 380699

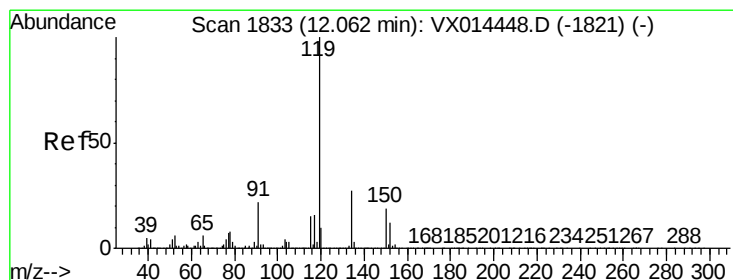
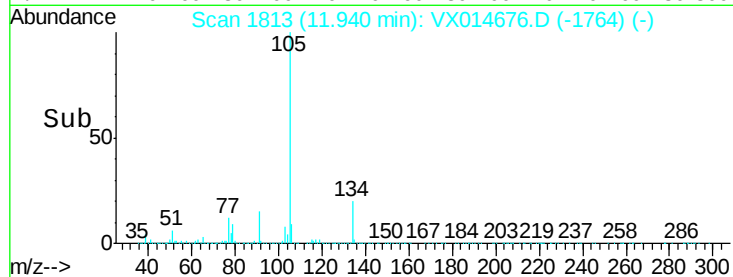
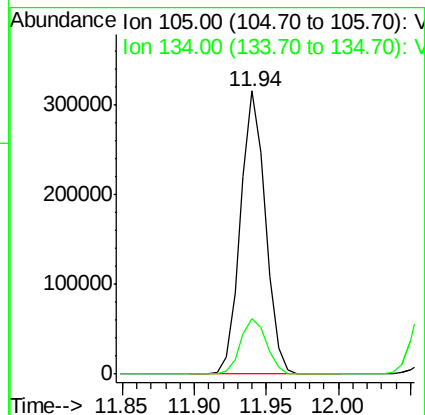
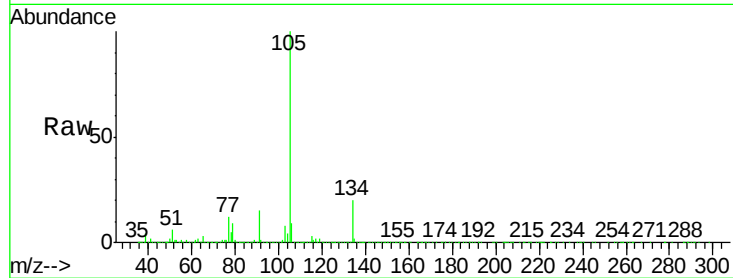
Ion Ratio Lower Upper

105 100

134 20.4 10.5 31.5

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#86

p-Isopropyltoluene

Concen: 18.771 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

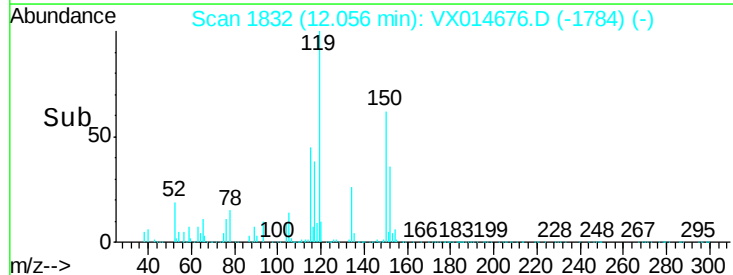
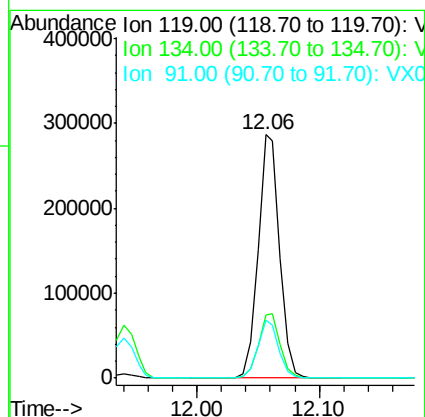
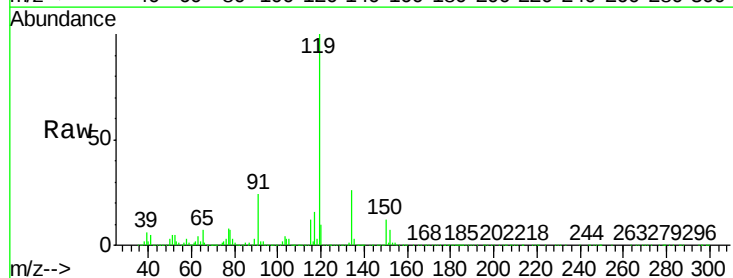
Tgt Ion:119 Resp: 351356

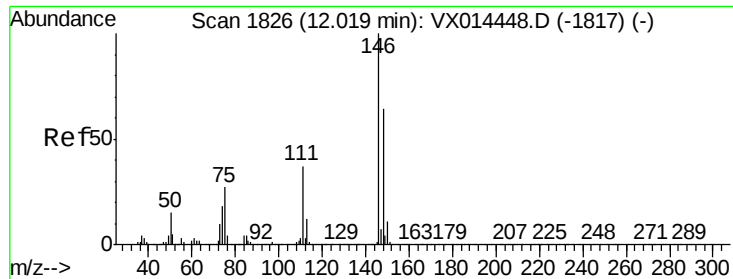
Ion Ratio Lower Upper

119 100

134 26.5 13.5 40.4

91 23.0 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 17.882 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

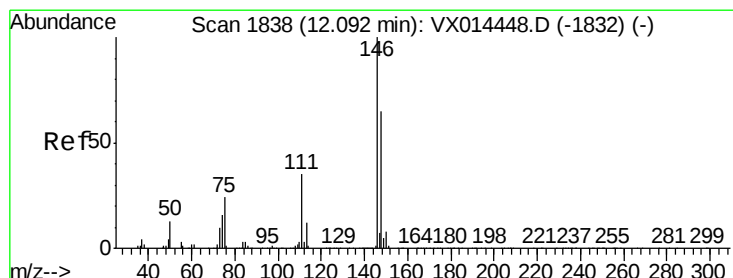
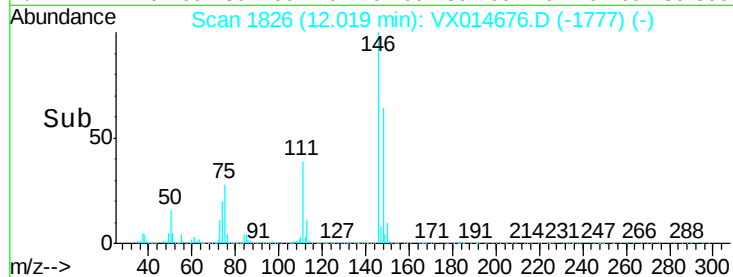
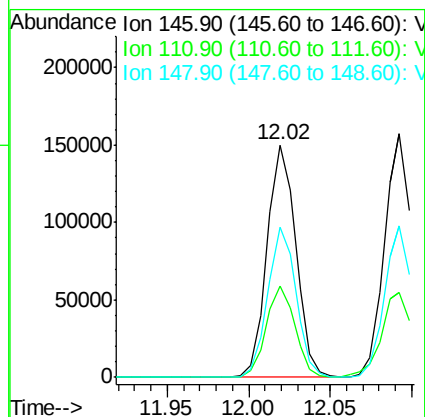
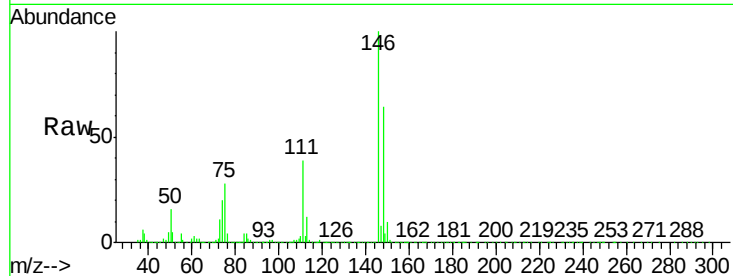
Instrument :
MSVOA_X

ClientSampleId :
VX0121WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	18.9	56.7
148	63.6	32.2	96.6

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#88

1,4-Dichlorobenzene

Concen: 19.077 ug/l

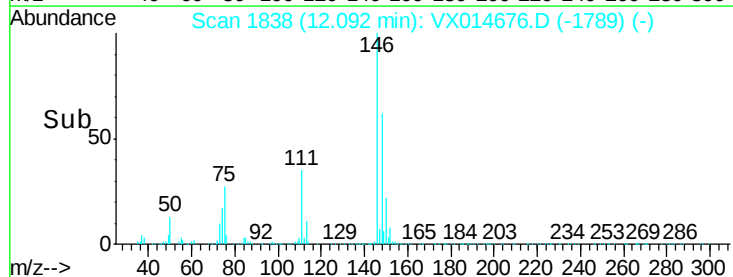
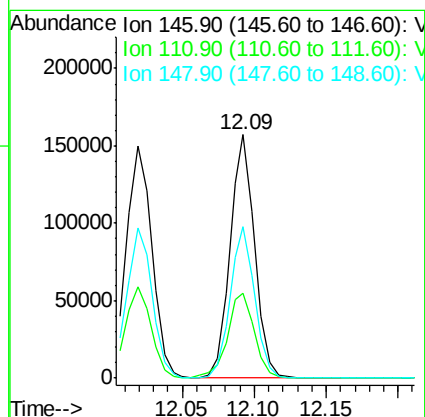
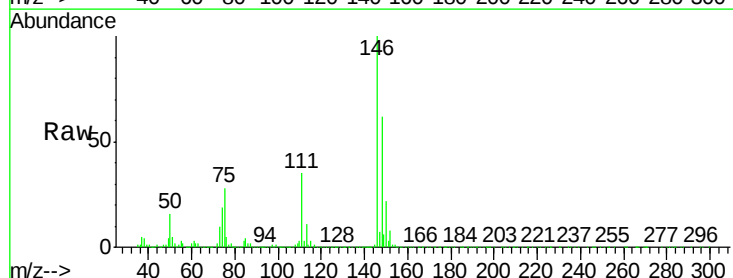
RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.1	54.1
148	62.6	32.1	96.3





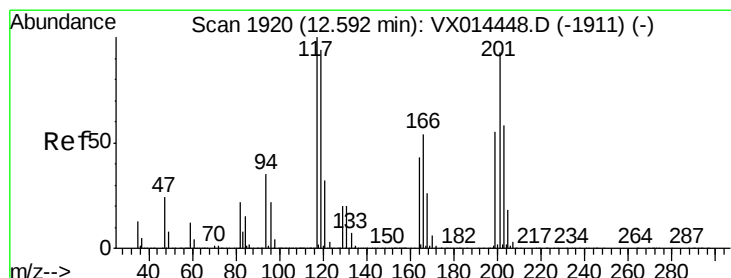
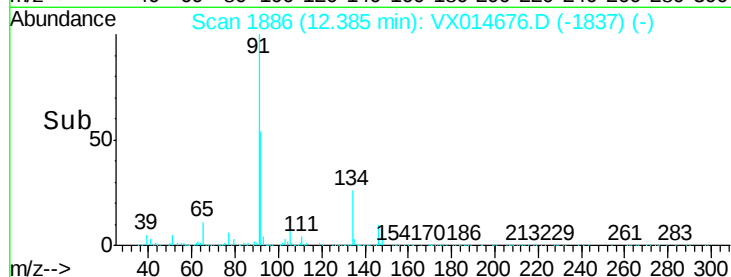
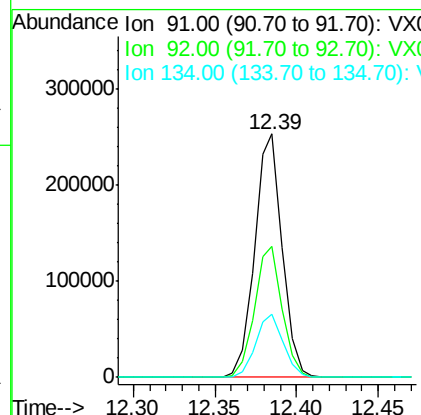
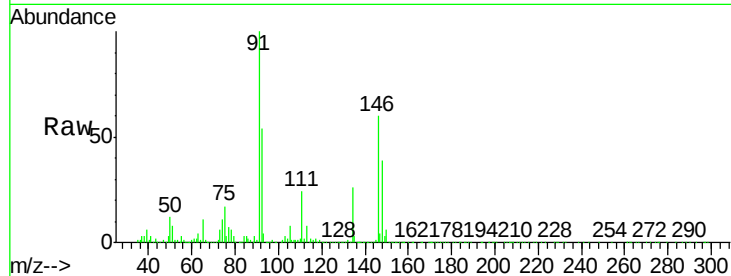
#89
n-Butylbenzene
Concen: 17.312 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0121WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.4	82.2
134	26.0	13.9	41.7

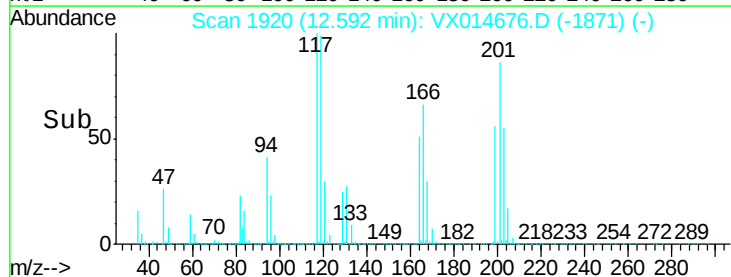
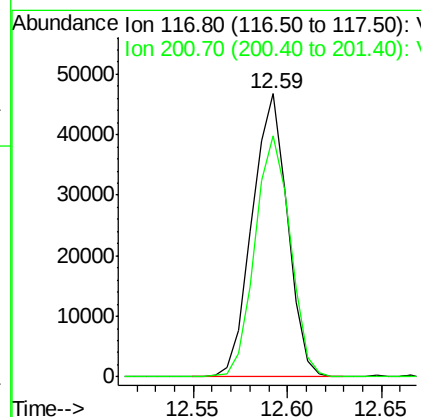
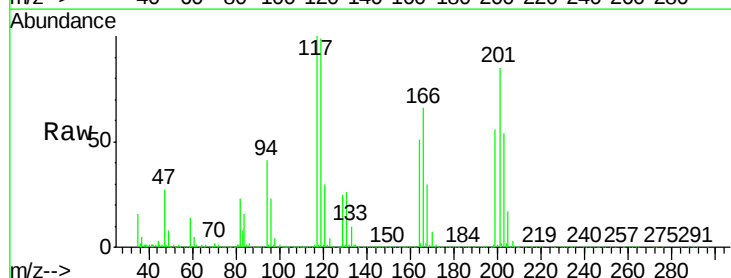
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#90
Hexachloroethane
Concen: 18.470 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.7	44.8	134.3





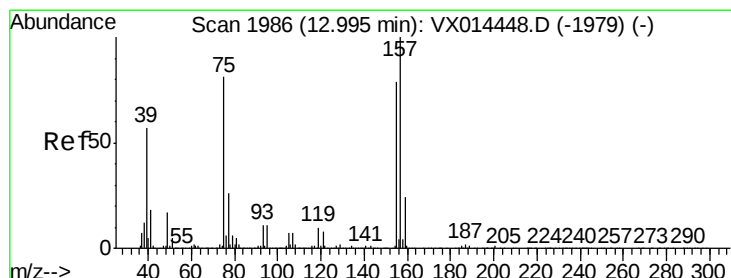
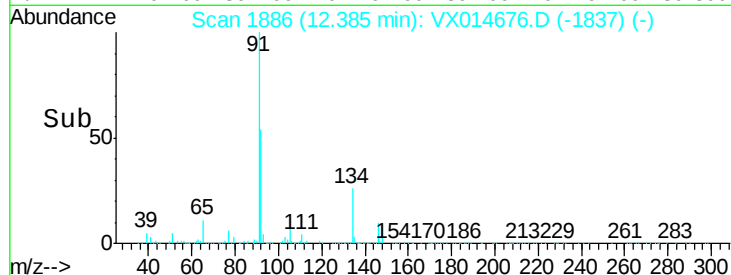
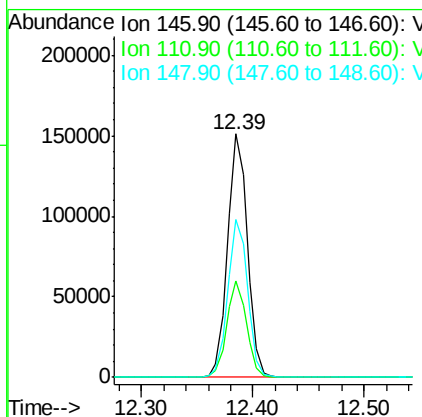
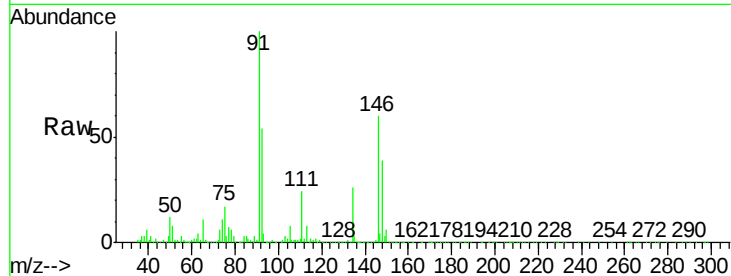
#91
 1,2-Dichlorobenzene
 Concen: 18.523 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014676.D
 Acq: 21 Jan 2020 11:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0121WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	186816		
111	39.2	19.8	59.4	
148	64.6	32.3	96.8	

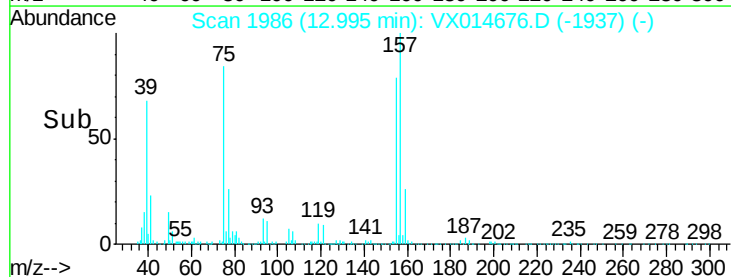
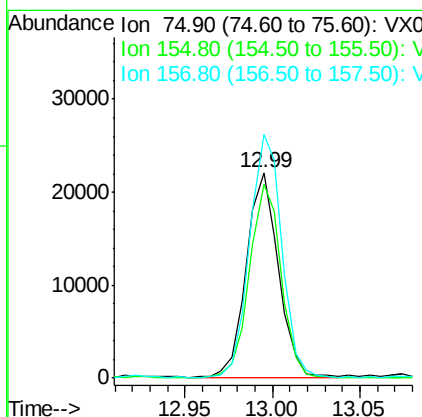
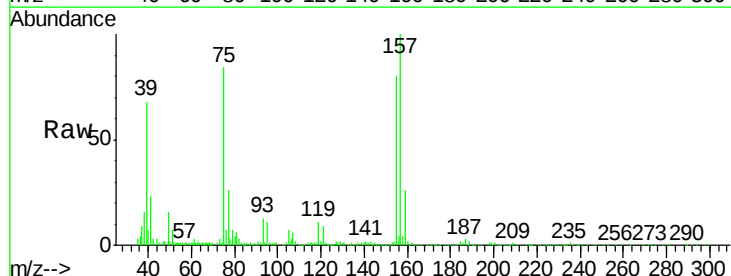
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.672 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014676.D
 Acq: 21 Jan 2020 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	27860		
155	94.5	48.7	146.1	
157	120.9	62.0	185.9	





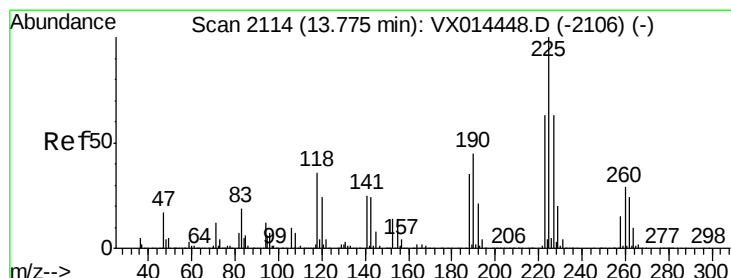
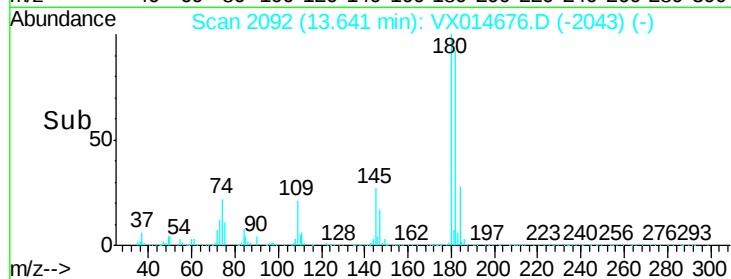
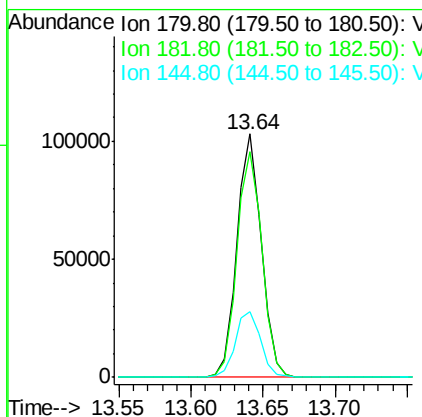
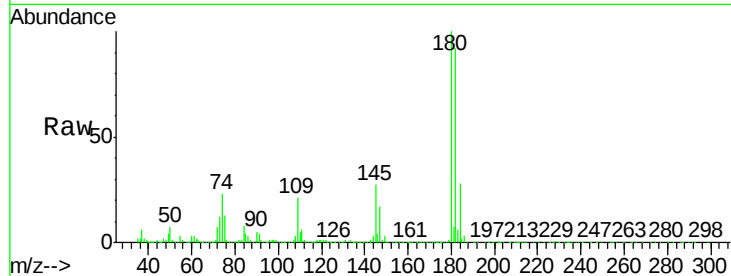
#93
 1,2,4-Trichlorobenzene
 Concen: 17.198 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014676.D
 Acq: 21 Jan 2020 11:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0121WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	122260		
182	94.2	47.5	142.5	
145	28.4	13.9	41.6	

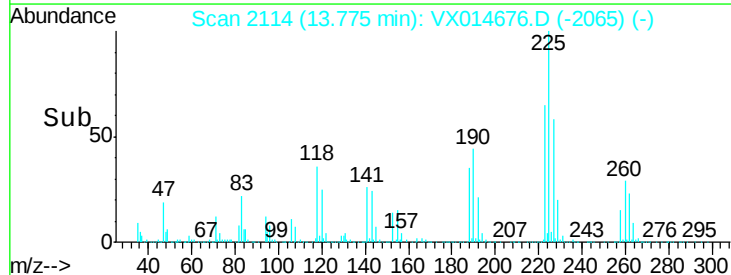
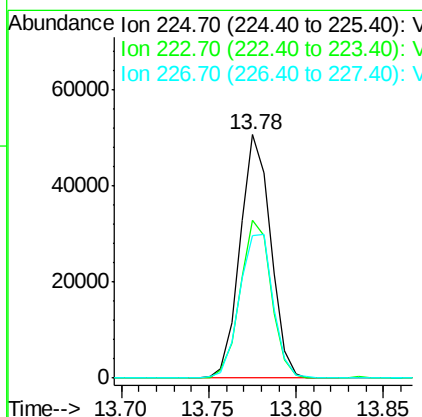
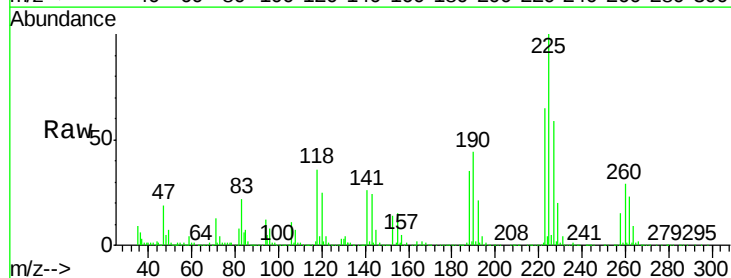
Manual Integrations
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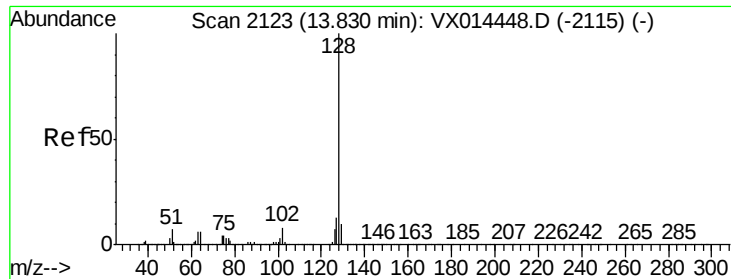
MMDadoda
 1/22/2020 12:26:48 PM



#94
 Hexachlorobutadiene
 Concen: 18.663 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014676.D
 Acq: 21 Jan 2020 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	61746		
223	65.7	31.1	93.2	
227	64.9	31.4	94.2	





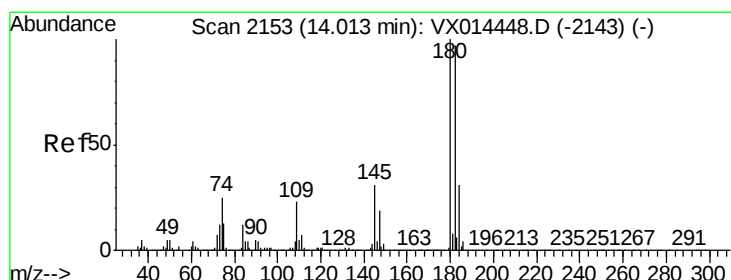
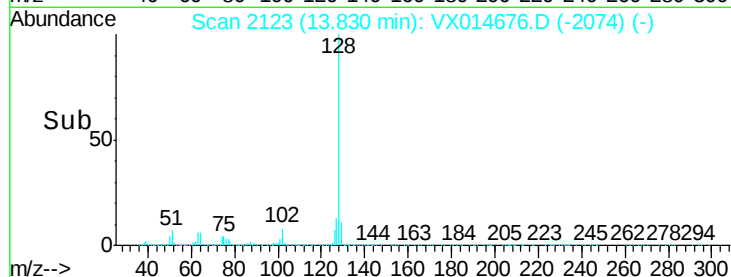
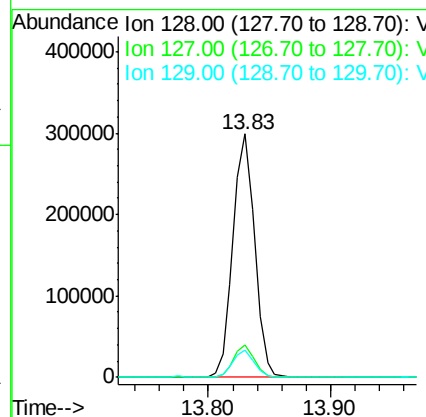
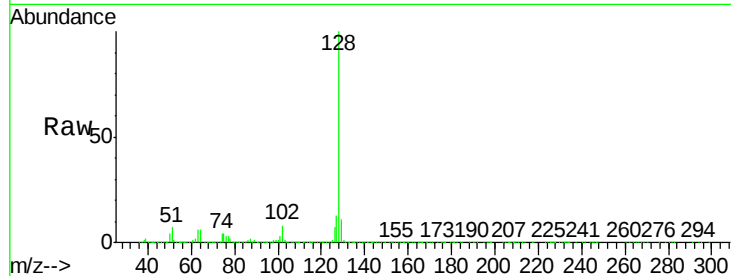
#95
Naphthalene
Concen: 16.607 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0121WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	364872		
127	12.7	10.3	15.5	
129	10.8	8.7	13.1	

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 17.611 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	123558		
182	97.4	47.9	143.6	
145	30.1	14.8	44.3	

