

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012120\
 Data File : VX014678.D
 Acq On : 21 Jan 2020 16:40
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/22/2020 12:26:52 PM

Quant Time: Jan 22 05:13:30 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	439787	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	664658	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	611314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	309495	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	243196	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
35) Dibromofluoromethane	5.49	113	200168	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
50) Toluene-d8	8.71	98	771500	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
62) 4-Bromofluorobenzene	11.13	95	275228	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	250032	45.814	ug/l 100
3) Chloromethane	1.32	50	261628	46.670	ug/l 100
4) Vinyl Chloride	1.40	62	300471	48.100	ug/l 97
5) Bromomethane	1.63	94	188971	45.637	ug/l 96
6) Chloroethane	1.72	64	168732	49.558	ug/l 99
7) Trichlorofluoromethane	1.92	101	338338	47.746	ug/l 100
8) Diethyl Ether	2.18	74	148035	45.791	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	202301	46.925	ug/l 99
10) Methyl Iodide	2.50	142	274480	53.171	ug/l 100
11) Tert butyl alcohol	3.03	59	238780	232.934	ug/l 98
12) 1,1-Dichloroethene	2.37	96	198936	45.800	ug/l 99
13) Acrolein	2.28	56	196609	239.288	ug/l 97
14) Allyl chloride	2.72	41	367757	48.225	ug/l 99
15) Acrylonitrile	3.13	53	629425	254.405	ug/l 100
16) Acetone	2.43	43	662096	269.288	ug/l 100
17) Carbon Disulfide	2.56	76	501460	41.376	ug/l 99
18) Methyl Acetate	2.76	43	388374	55.039	ug/l 99
19) Methyl tert-butyl Ether	3.18	73	687696	49.320	ug/l 99
20) Methylene Chloride	2.85	84	234793	47.539	ug/l 98
21) trans-1,2-Dichloroethene	3.15	96	211482	44.598	ug/l 94
22) Diisopropyl ether	3.84	45	761301	51.658	ug/l 98
23) Vinyl Acetate	3.80	43	2800703	245.464	ug/l 100
24) 1,1-Dichloroethane	3.69	63	402886	50.254	ug/l 100
25) 2-Butanone	4.65	43	934458	254.809	ug/l 99
26) 2,2-Dichloropropane	4.57	77	322634	47.507	ug/l 100
27) cis-1,2-Dichloroethene	4.59	96	250612	47.276	ug/l 99
28) Bromochloromethane	5.00	49	159194	47.125	ug/l 94
29) Tetrahydrofuran	5.11	42	568504	262.196	ug/l 98
30) Chloroform	5.20	83	396095	50.561	ug/l 96
31) Cyclohexane	5.57	56	362456	48.301	ug/l 99
32) 1,1,1-Trichloroethane	5.48	97	335470	50.027	ug/l 98
36) 1,1-Dichloropropene	5.79	75	297482	47.593	ug/l 99
37) Ethyl Acetate	4.81	43	341535	50.305	ug/l 99
38) Carbon Tetrachloride	5.78	117	284758	49.507	ug/l 97

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Quant Time: Jan 22 05:13:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	363313	46.266	ug/l	98
40) Benzene	6.14	78	902380	48.642	ug/l	99
41) Methacrylonitrile	5.03	41	191255	52.824	ug/l	98
42) 1,2-Dichloroethane	6.18	62	318556	49.112	ug/l	99
43) Isopropyl Acetate	6.43	43	560924	51.143	ug/l	98
44) Trichloroethene	7.21	130	249652	46.828	ug/l	99
45) 1,2-Dichloropropane	7.51	63	240161	50.778	ug/l	98
46) Dibromomethane	7.65	93	153883	46.615	ug/l	98
47) Bromodichloromethane	7.89	83	307427	51.180	ug/l	99
48) Methyl methacrylate	7.76	41	276010	52.544	ug/l	98
49) 1,4-Dioxane	7.73	88	100849	906.064	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1767813	264.508	ug/l	99
52) Toluene	8.78	92	569213	47.932	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	342660	48.999	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	382217	50.596	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	237370	49.764	ug/l	99
56) Ethyl methacrylate	9.17	69	376258	51.487	ug/l	99
57) 1,3-Dichloropropane	9.37	76	400658	50.237	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	642895	258.570	ug/l	98
59) 2-Hexanone	9.48	43	1371937	259.434	ug/l	99
60) Dibromochloromethane	9.58	129	251771	52.514	ug/l	99
61) 1,2-Dibromoethane	9.67	107	248383	49.158	ug/l	98
64) Tetrachloroethene	9.33	164	295813	48.282	ug/l	98
65) Chlorobenzene	10.14	112	620479	46.771	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	232457	49.099	ug/l	99
67) Ethyl Benzene	10.24	91	1090803	48.240	ug/l	100
68) m/p-Xylenes	10.35	106	837998	96.061	ug/l	98
69) o-Xylene	10.70	106	400185	48.080	ug/l	99
70) Styrene	10.71	104	695895	48.447	ug/l	99
71) Bromoform	10.85	173	191230	49.368	ug/l #	100
73) Isopropylbenzene	11.01	105	1083360	49.848	ug/l	100
74) N-amyl acetate	10.89	43	485214	50.604	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	352520	50.579	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	299047m	46.700	ug/l	
77) Bromobenzene	11.25	156	278464	46.202	ug/l	98
78) n-propylbenzene	11.35	91	1227606	49.321	ug/l	99
79) 2-Chlorotoluene	11.42	91	721027	48.606	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	900772	49.922	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	120437	49.725	ug/l	96
82) 4-Chlorotoluene	11.51	91	832585	47.815	ug/l	99
83) tert-Butylbenzene	11.76	119	826396	48.472	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	906622	49.726	ug/l	100
85) sec-Butylbenzene	11.94	105	1055189	49.787	ug/l	98
86) p-Isopropyltoluene	12.06	119	961035	48.865	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	494894	45.753	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	491637	48.361	ug/l	99
89) n-Butylbenzene	12.38	91	845337	47.009	ug/l	99
90) Hexachloroethane	12.59	117	169327	49.014	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	502728	47.438	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	76813	48.995	ug/l	98

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ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId :
VSTDCCC050EC

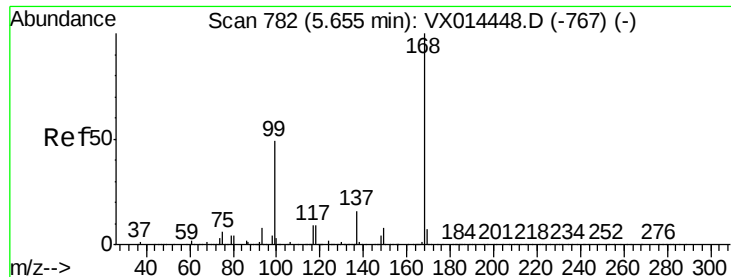
Manual Integrations
APPROVED

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1/22/2020 12:26:52 PM

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	338144	45.453	ug/l	98
94) Hexachlorobutadiene	13.77	225	166013	47.660	ug/l	98
95) Naphthalene	13.83	128	1025294	44.413	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	339367	46.473	ug/l	99

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



#1

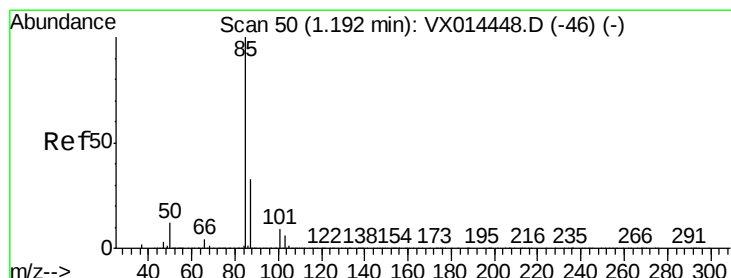
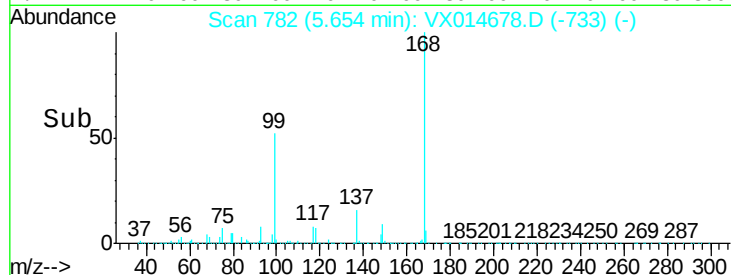
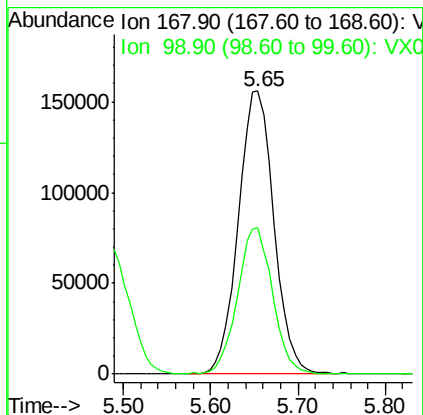
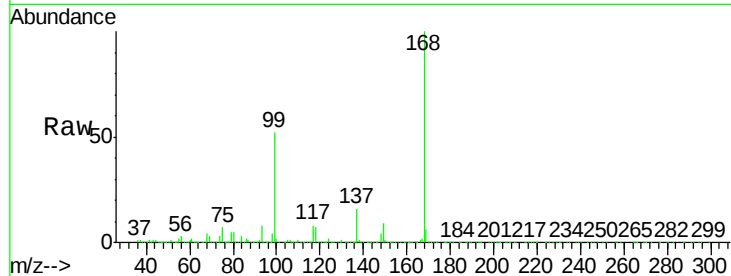
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: VX014678.D
 Acq: 21 Jan 2020 16:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	51.6	39.2	58.8

Manual Integrations
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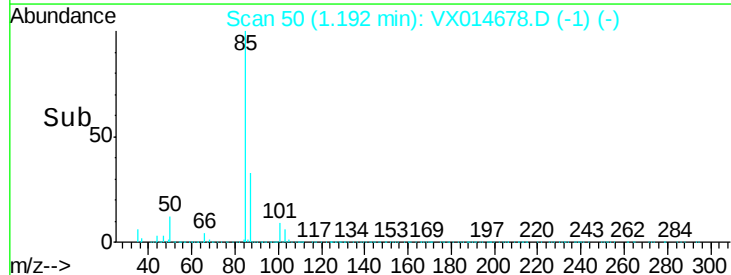
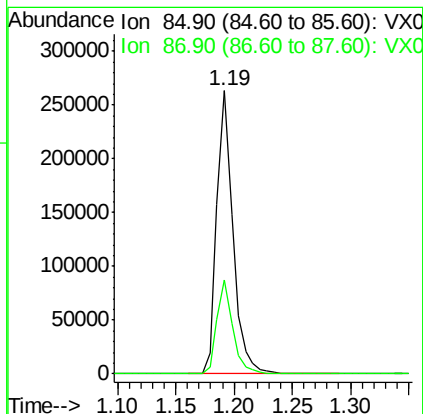
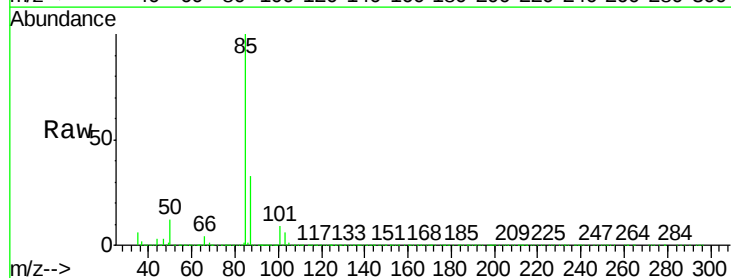
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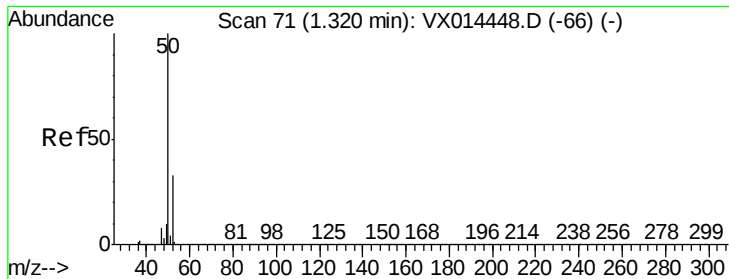


#2

Dichlorodifluoromethane
 Concen: 45.814 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014678.D
 Acq: 21 Jan 2020 16:40

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.1	16.5	49.5





#3

Chloromethane

Concen: 46.670 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014678.D

Acq: 21 Jan 2020 16:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 261628

Ion Ratio Lower Upper

50 100

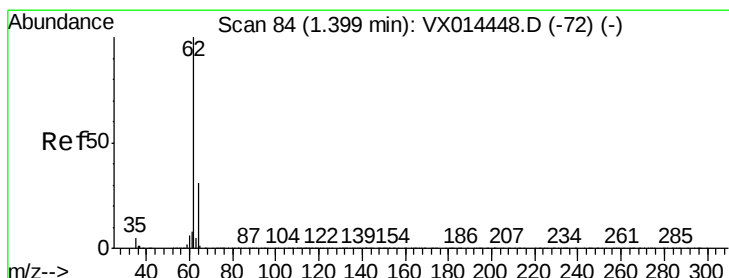
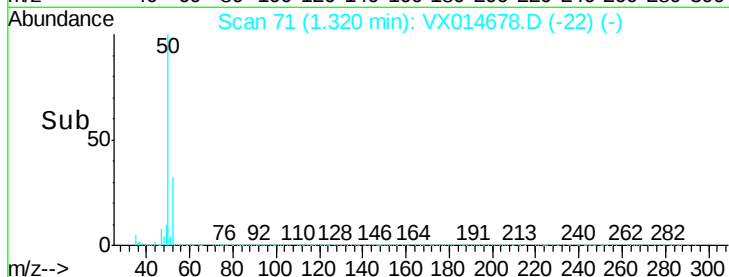
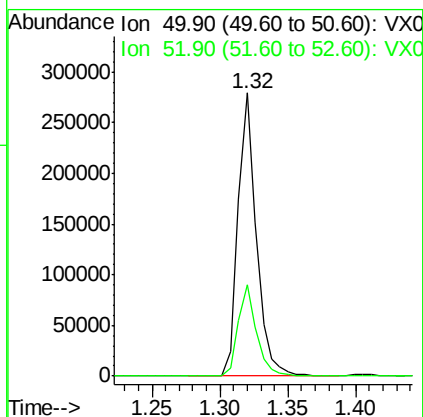
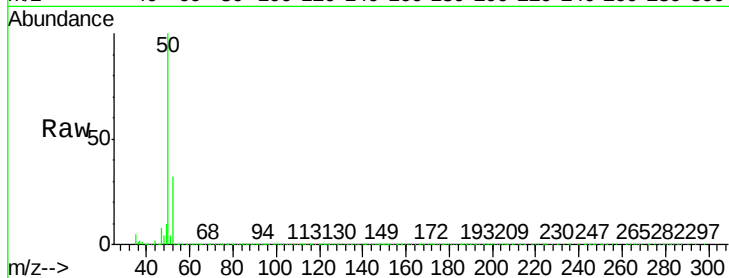
52 32.4 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.100 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX014678.D

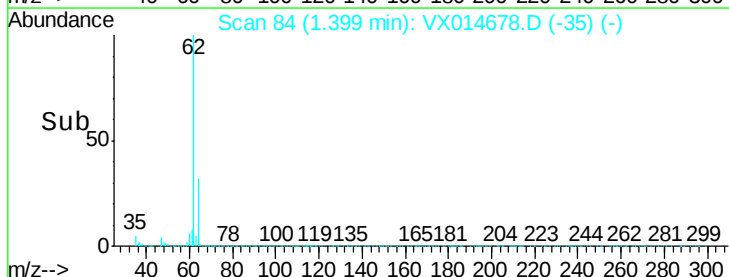
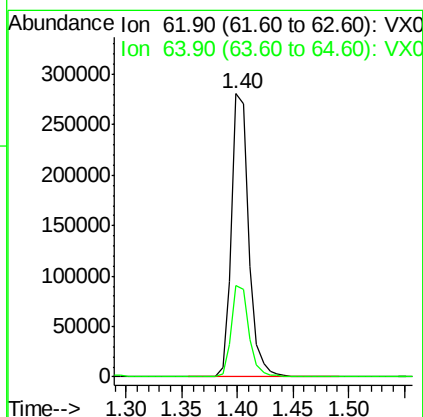
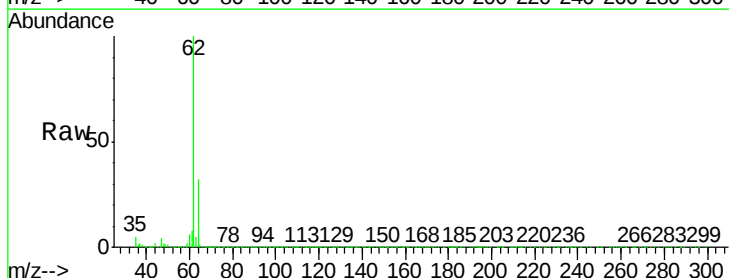
Acq: 21 Jan 2020 16:40

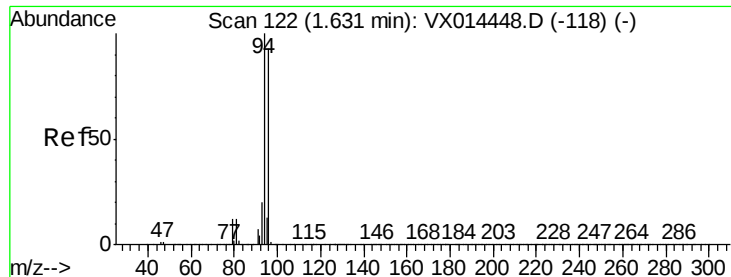
Tgt Ion: 62 Resp: 300471

Ion Ratio Lower Upper

62 100

64 32.4 24.6 37.0





#5

Bromomethane

Concen: 45.637 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX014678.D

Acq: 21 Jan 2020 16:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 188971

Ion Ratio Lower Upper

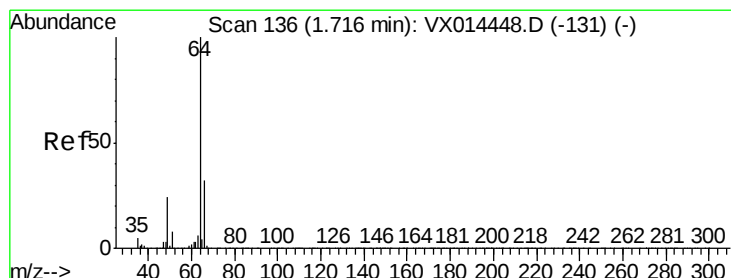
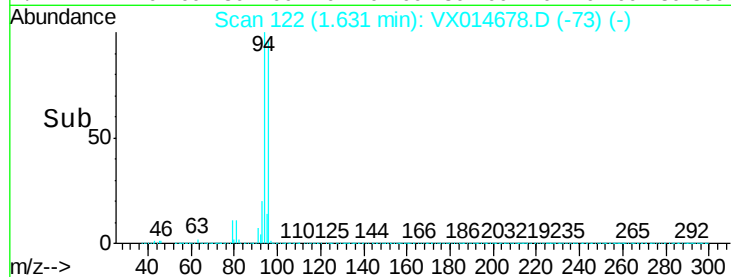
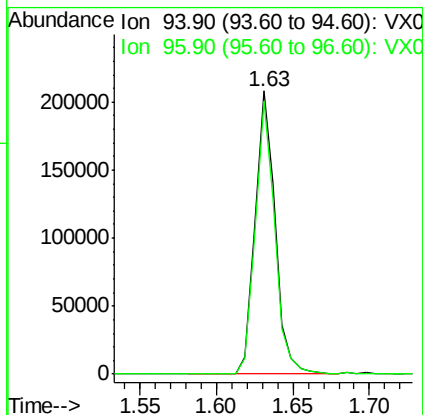
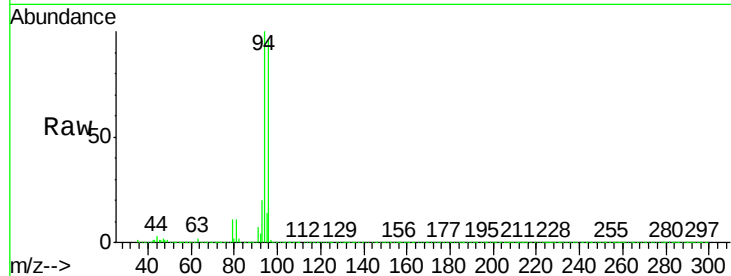
94 100

96 96.2 74.2 111.2

Manual Integrations
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#6

Chloroethane

Concen: 49.558 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX014678.D

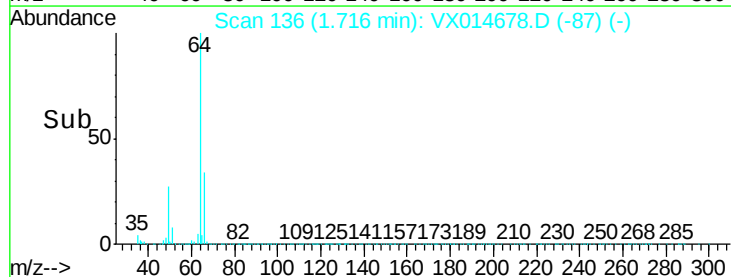
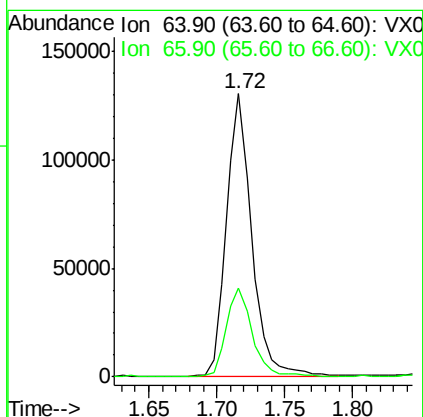
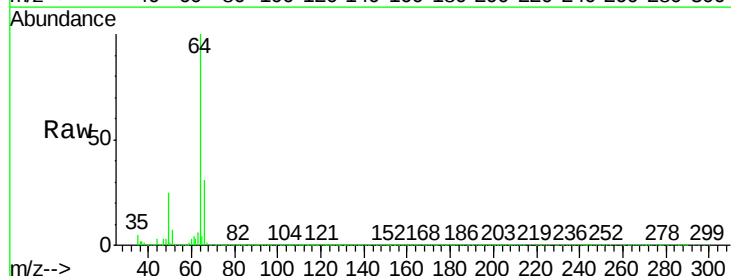
Acq: 21 Jan 2020 16:40

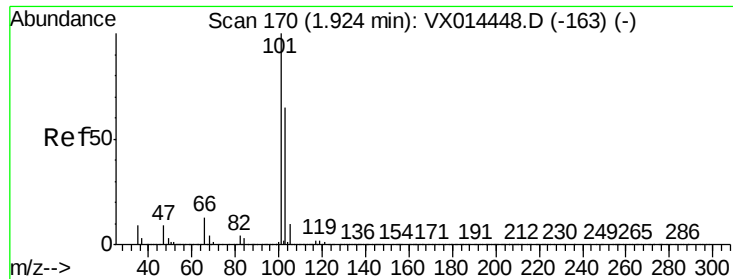
Tgt Ion: 64 Resp: 168732

Ion Ratio Lower Upper

64 100

66 31.0 25.3 37.9





#7

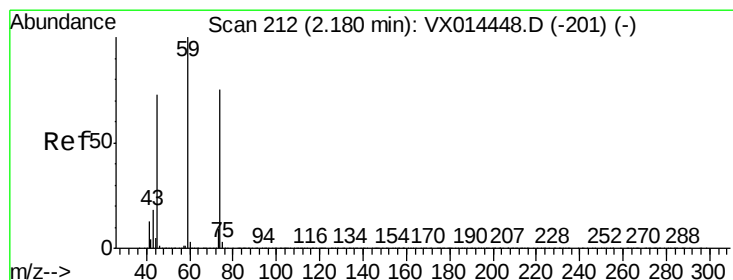
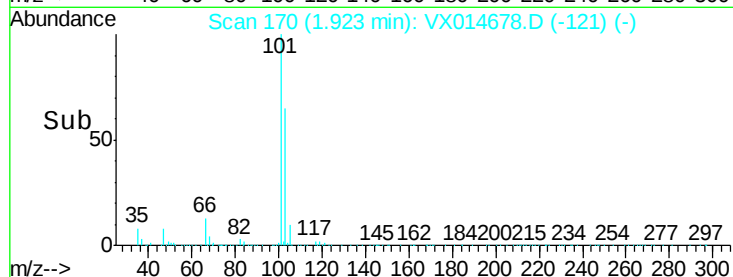
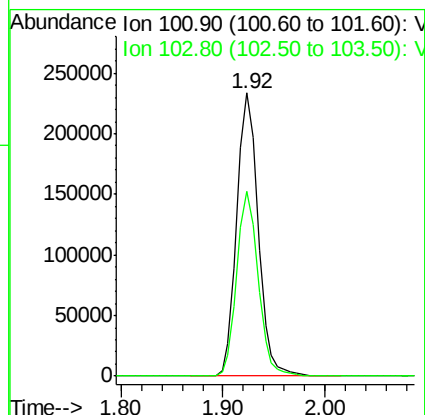
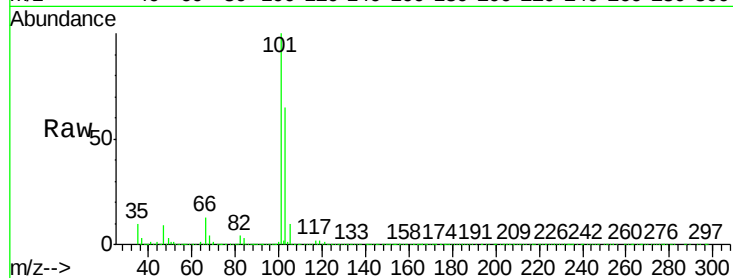
Trichlorofluoromethane
 Concen: 47.746 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX014678.D
 Acq: 21 Jan 2020 16:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	52.2	78.4

Manual Integrations
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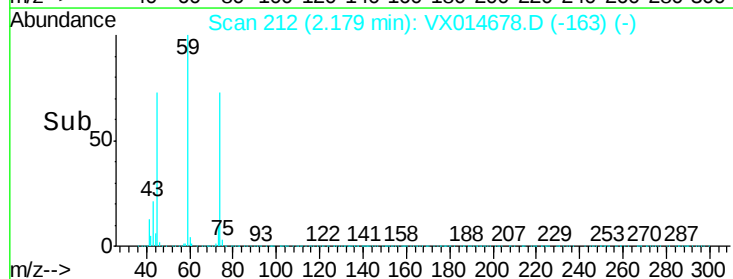
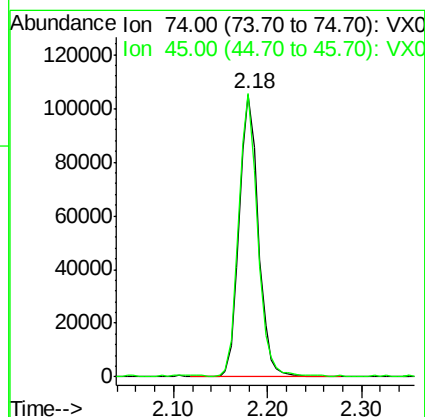
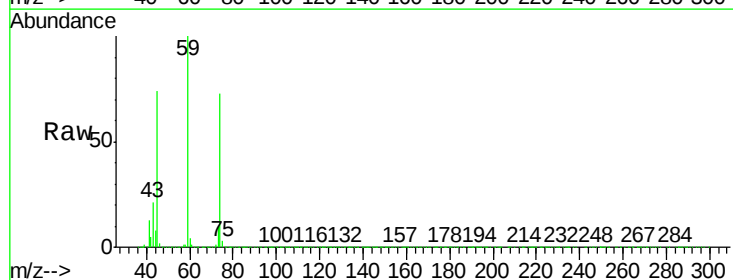
MMDadoda
 1/22/2020 12:26:52 PM

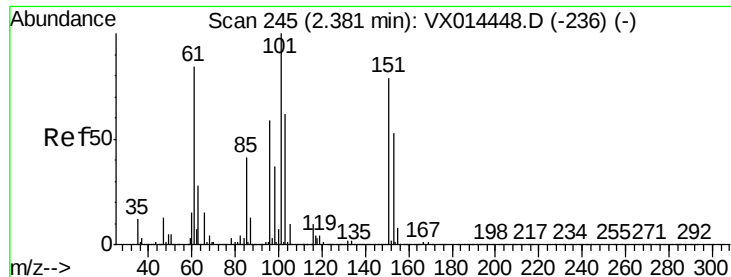


#8

Diethyl Ether
 Concen: 45.791 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX014678.D
 Acq: 21 Jan 2020 16:40

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.1	48.7	146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.925 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014678.D

Acq: 21 Jan 2020 16:40

Instrument :

MSVOA_X

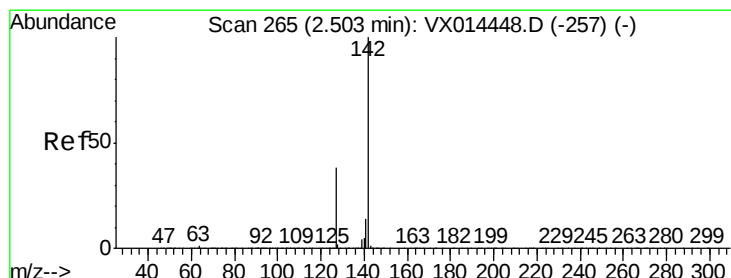
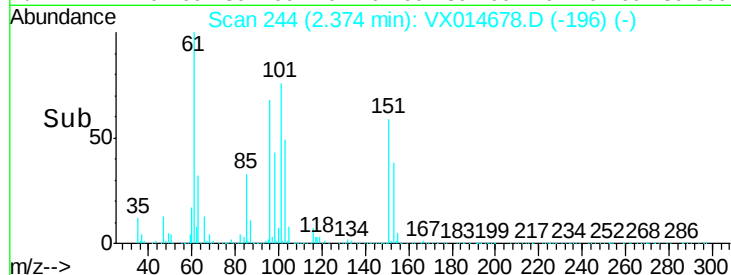
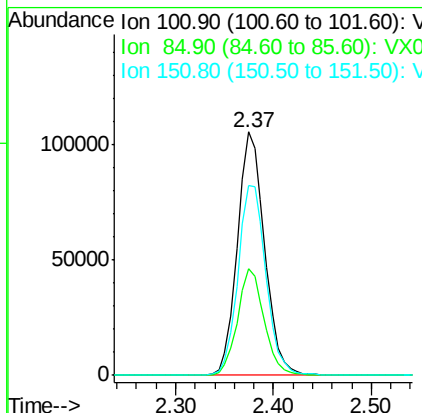
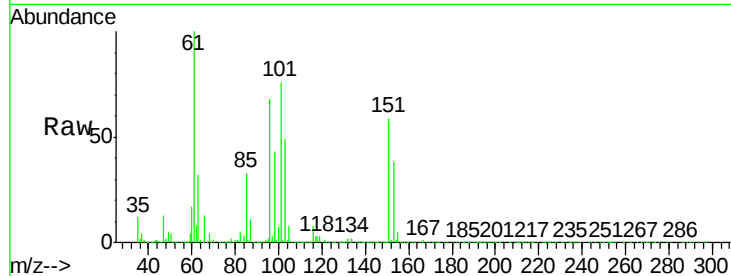
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	202301
Ion Ratio	Lower	Upper	
101	100		
85	42.9	33.8	50.8
151	80.7	65.3	97.9

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#10

Methyl Iodide

Concen: 53.171 ug/l

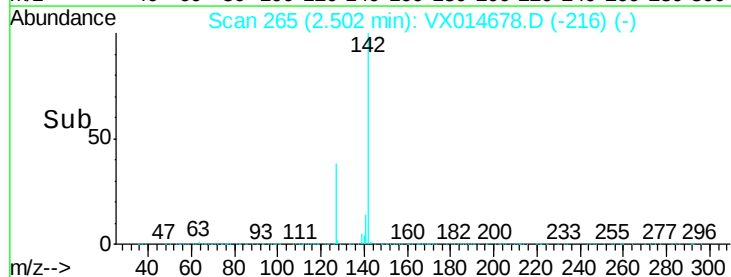
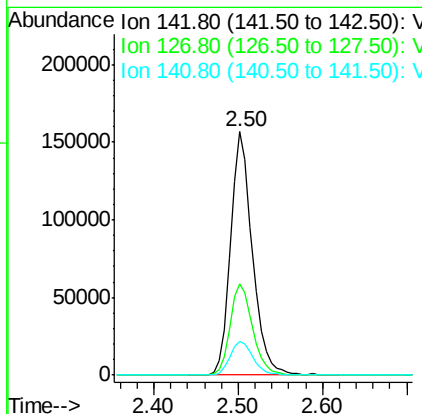
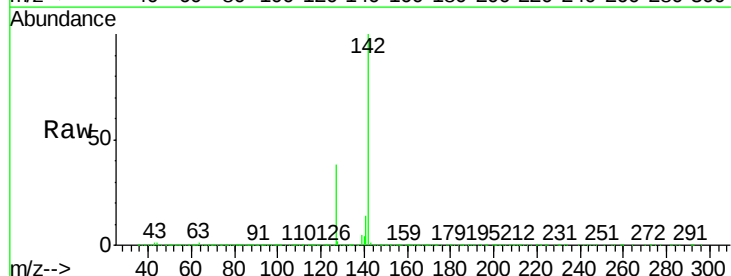
RT: 2.50 min Scan# 265

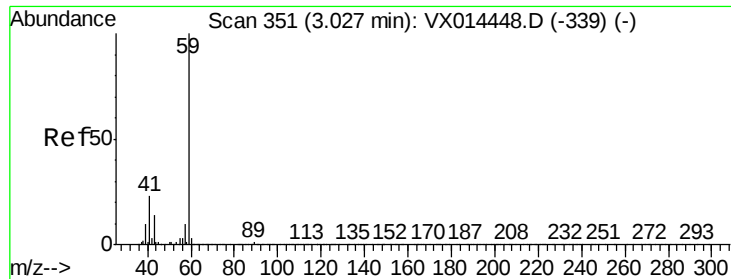
Delta R.T. -0.00 min

Lab File: VX014678.D

Acq: 21 Jan 2020 16:40

Tgt Ion:	142	Resp:	274480
Ion Ratio	Lower	Upper	
142	100		
127	38.7	31.2	46.8
141	14.5	11.4	17.2





#11

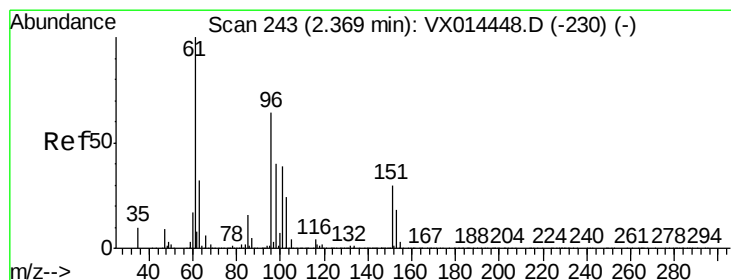
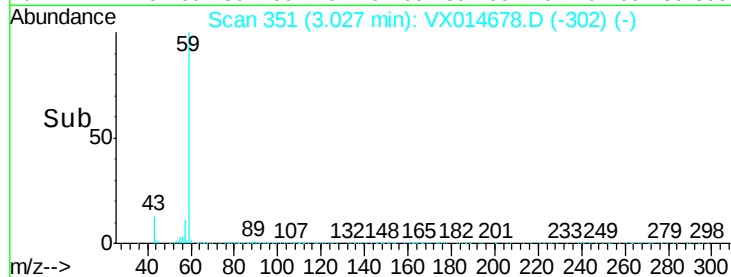
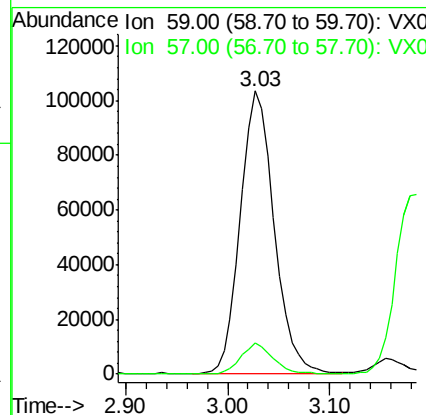
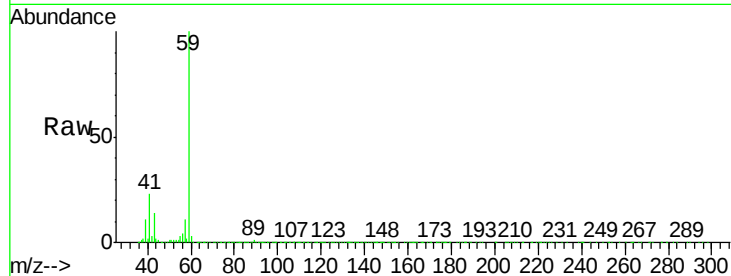
Tert butyl alcohol
Concen: 232.934 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX014678.D
Acq: 21 Jan 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.5	12.7

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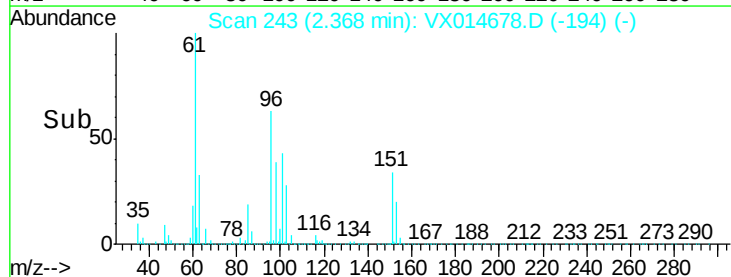
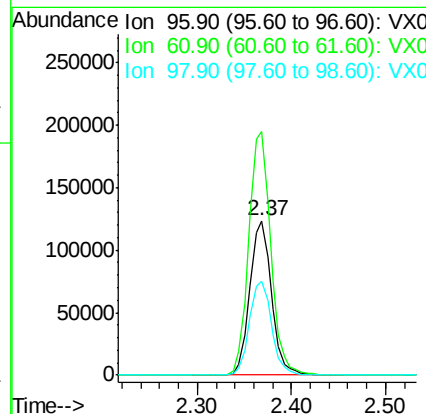
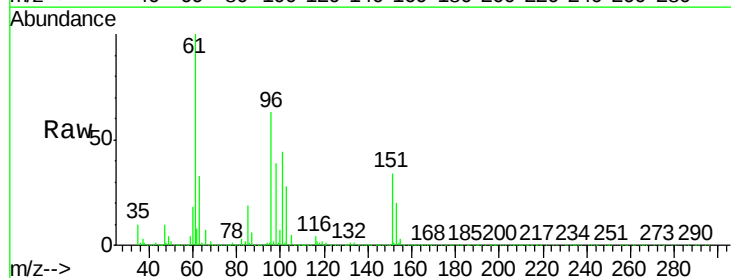
MMDadoda
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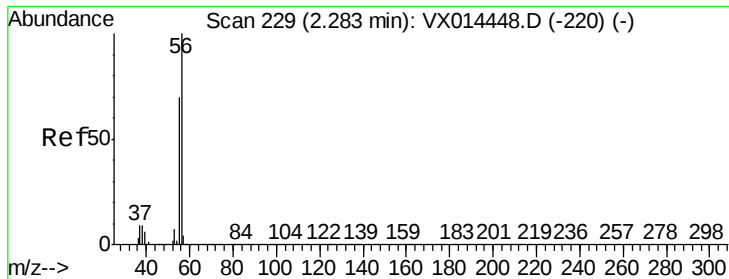


#12

1,1-Dichloroethene
Concen: 45.800 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014678.D
Acq: 21 Jan 2020 16:40

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.5	125.0	187.6
98	61.0	50.2	75.2





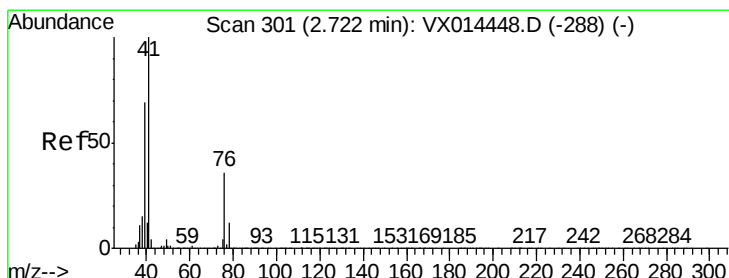
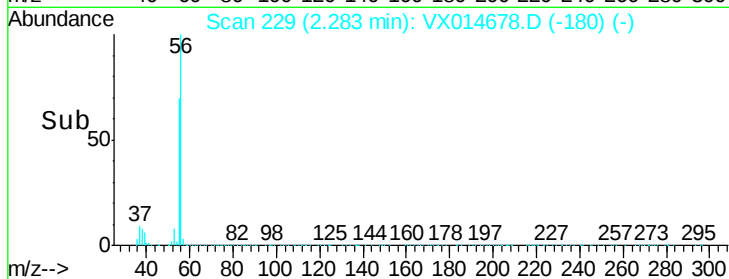
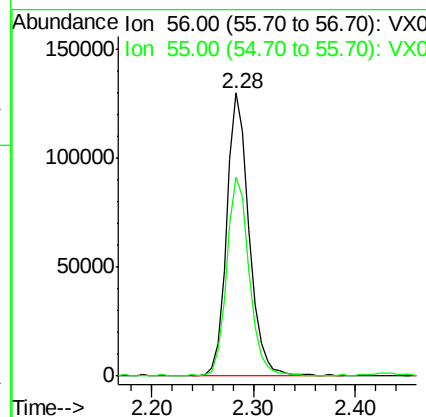
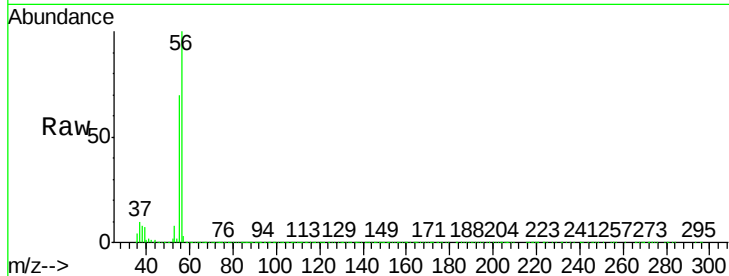
#13
Acrolein
Concen: 239.288 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX014678.D
Acq: 21 Jan 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.1	55.0	82.6

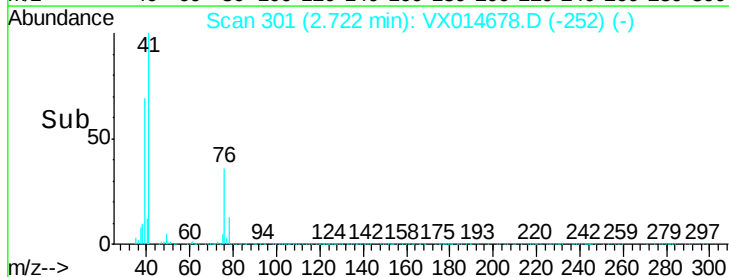
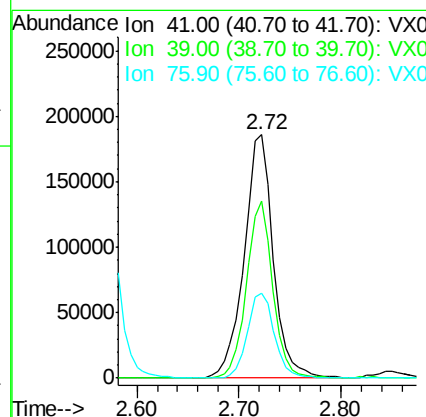
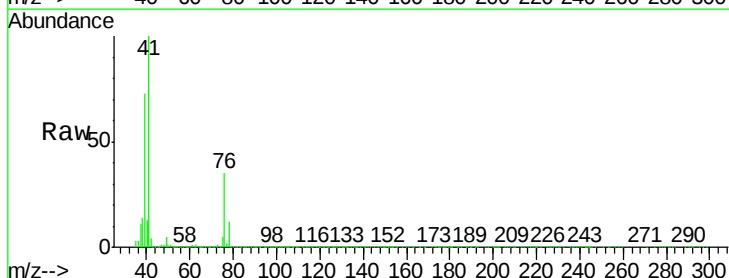
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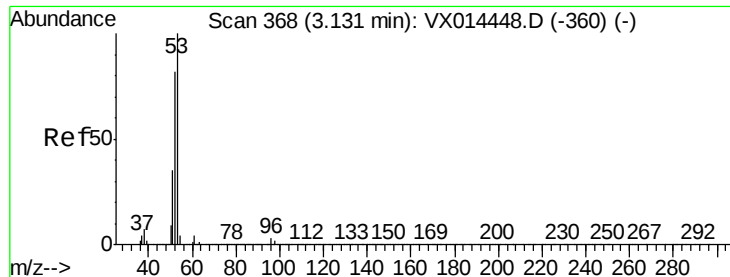
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#14
Allyl chloride
Concen: 48.225 ug/l
RT: 2.72 min Scan# 301
Delta R.T. -0.00 min
Lab File: VX014678.D
Acq: 21 Jan 2020 16:40

Tgt Ion	Ratio	Lower	Upper
41	100		
39	65.3	51.7	77.5
76	32.9	26.8	40.2





#15

Acrylonitrile

Concen: 254.405 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX014678.D

Acq: 21 Jan 2020 16:40

Instrument :

MSVOA_X

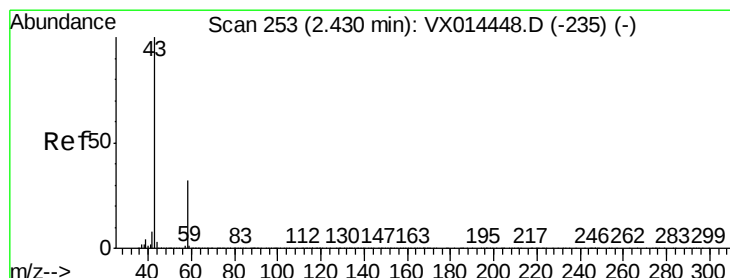
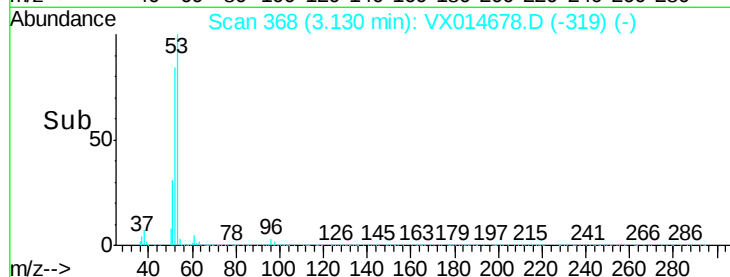
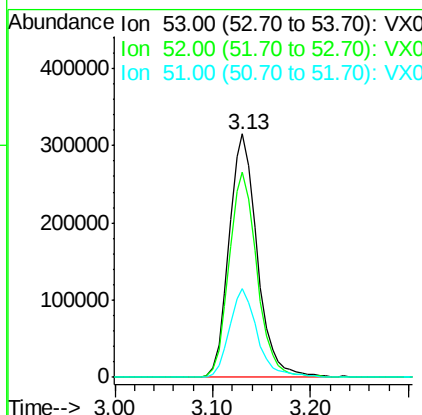
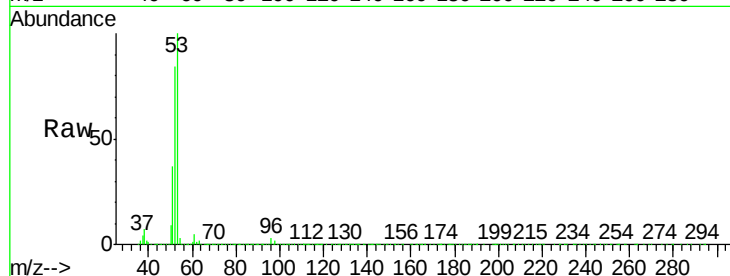
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
53	100			
52	83.5	67.0	100.4	
51	35.9	28.5	42.7	

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#16

Acetone

Concen: 269.288 ug/l

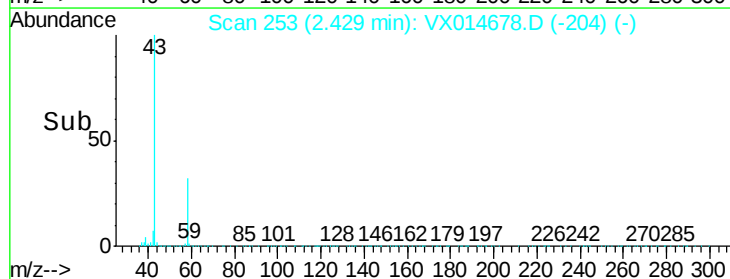
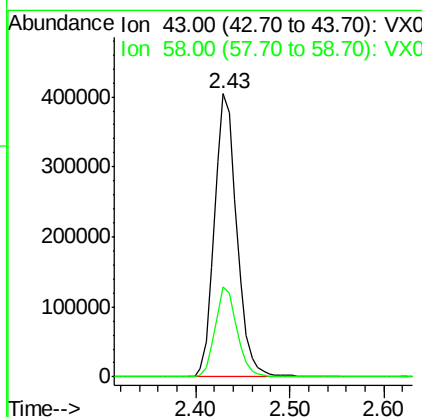
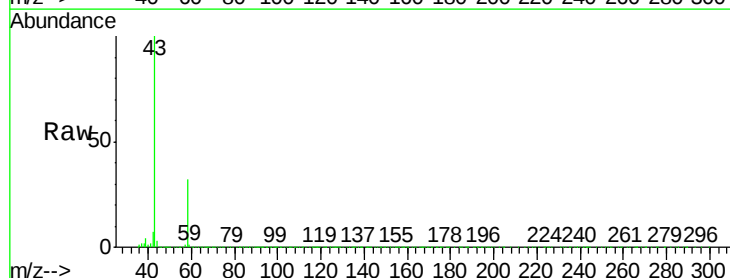
RT: 2.43 min Scan# 253

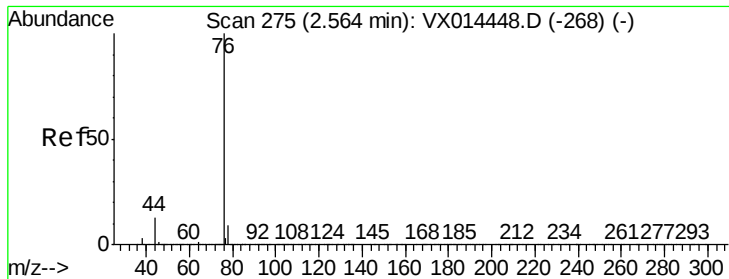
Delta R.T. 0.00 min

Lab File: VX014678.D

Acq: 21 Jan 2020 16:40

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
58	31.6	25.4	38.0	





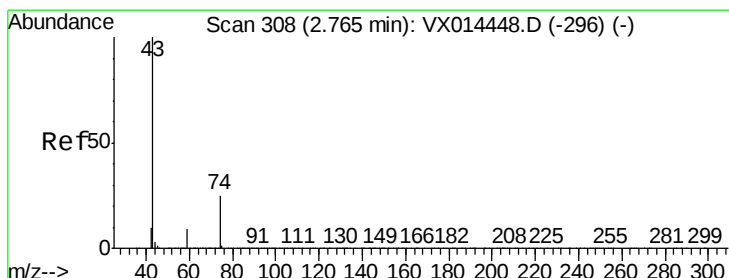
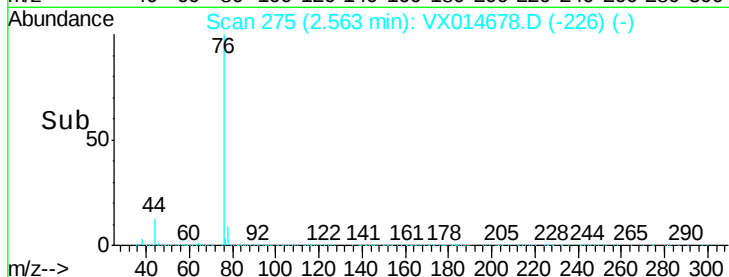
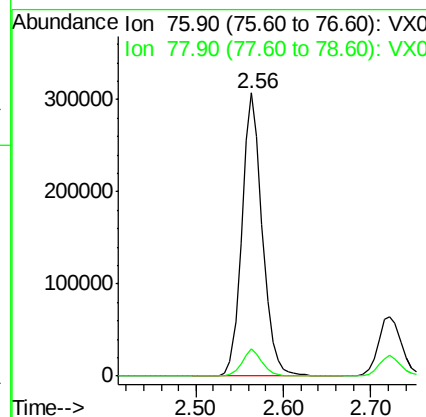
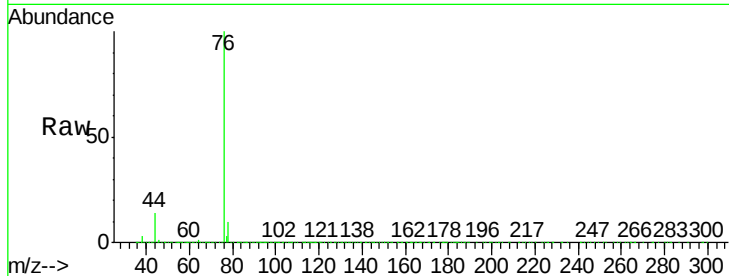
#17
Carbon Disulfide
Concen: 41.376 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.00 min
Lab File: VX014678.D
Acq: 21 Jan 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.4	11.2

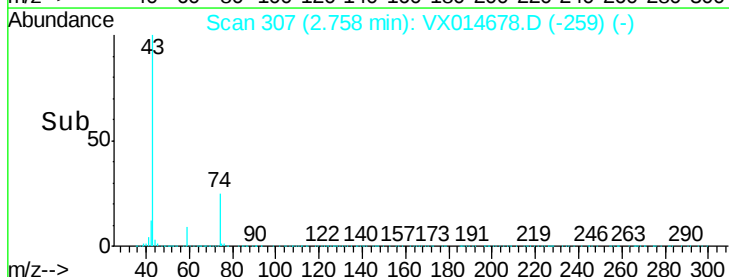
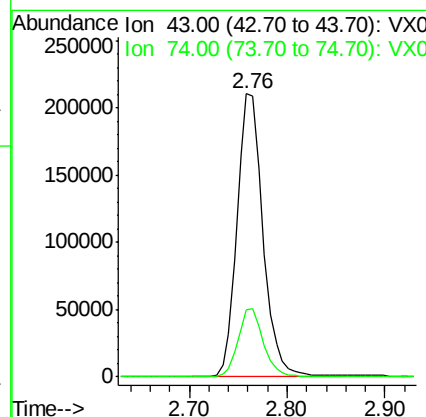
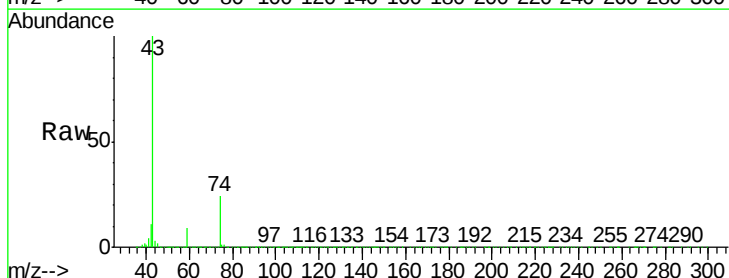
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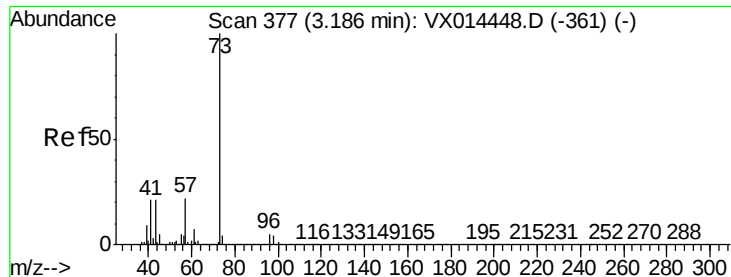
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#18
Methyl Acetate
Concen: 55.039 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014678.D
Acq: 21 Jan 2020 16:40

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	19.4	29.2





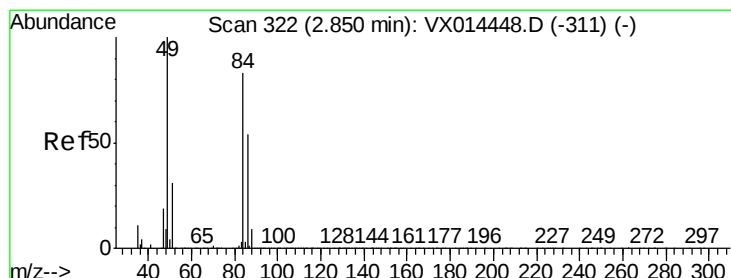
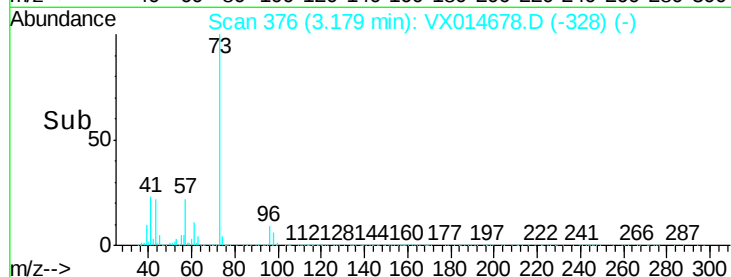
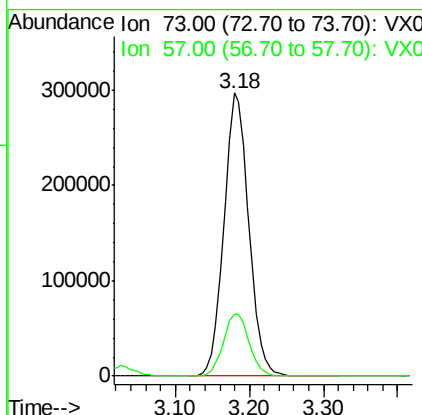
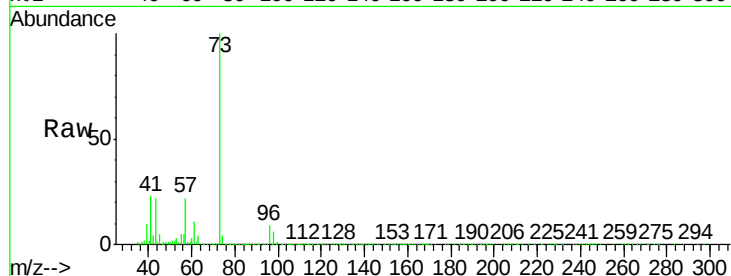
#19
Methvl tert-butvl Ether
Concen: 49.320 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014678.D
Acq: 21 Jan 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.8	26.8

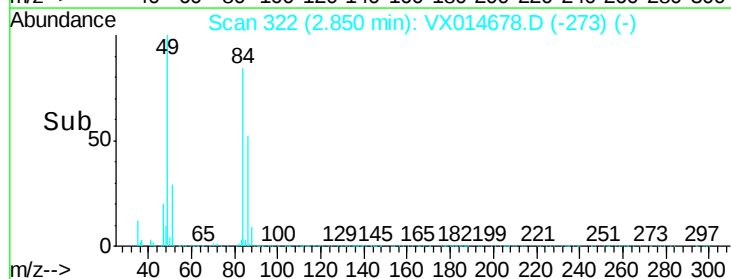
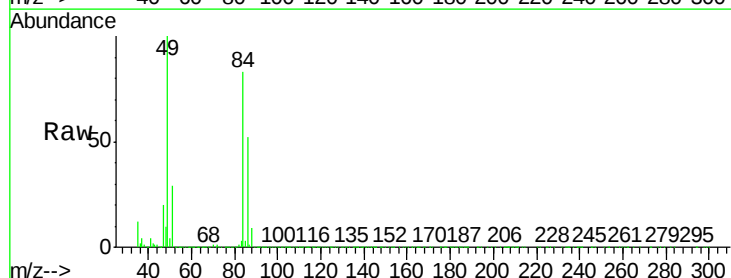
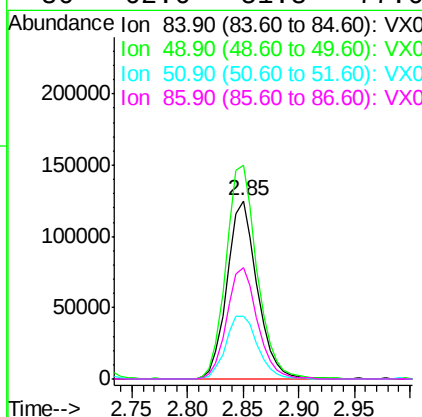
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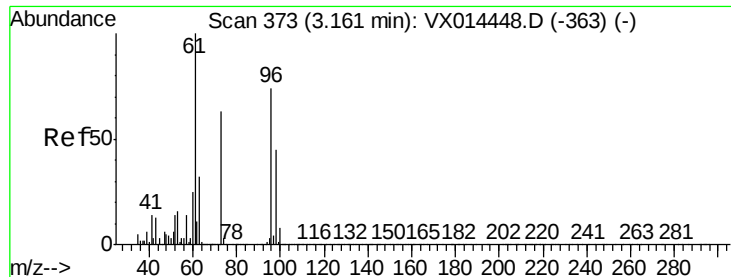
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#20
Methylene Chloride
Concen: 47.539 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX014678.D
Acq: 21 Jan 2020 16:40

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.7	95.8	143.8
51	34.9	30.2	45.4
86	62.6	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 44.598 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014678.D

Acq: 21 Jan 2020 16:40

Instrument :

MSVOA_X

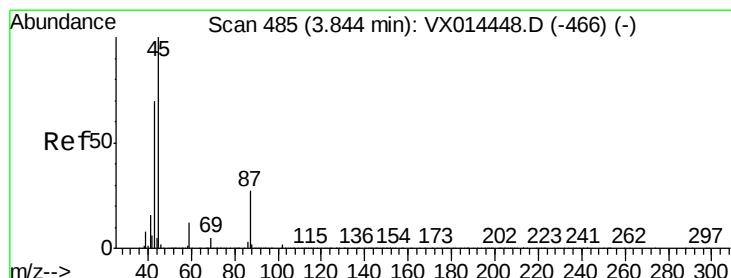
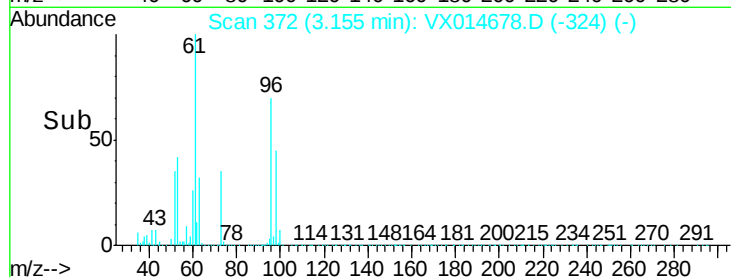
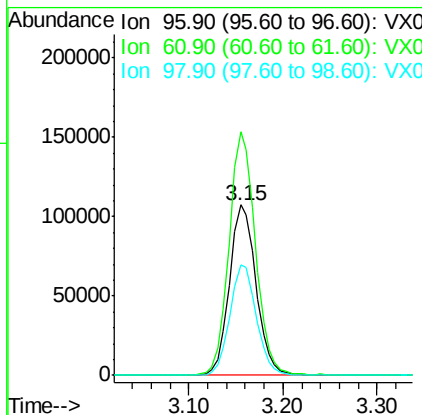
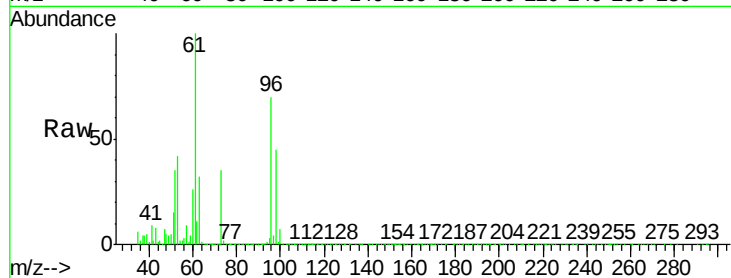
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	211482
Ion Ratio	Lower	Upper	
96	100		
61	142.7	108.2	162.4
98	64.8	48.8	73.2

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#22

Diisopropyl ether

Concen: 51.658 ug/l

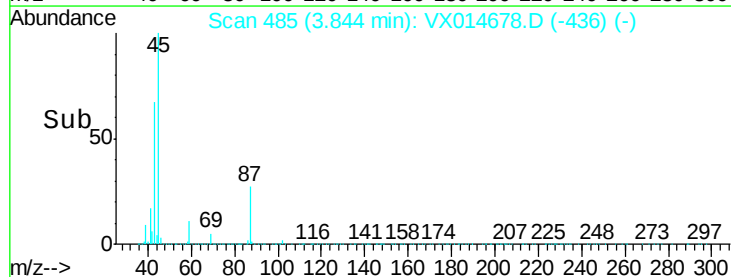
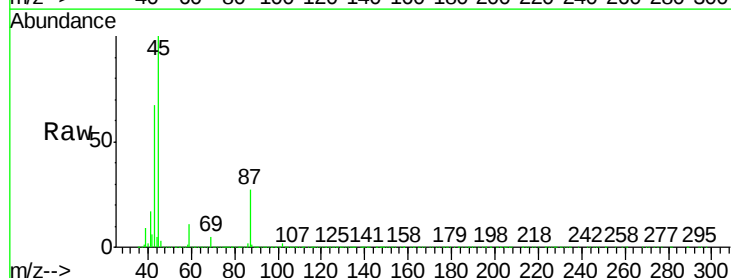
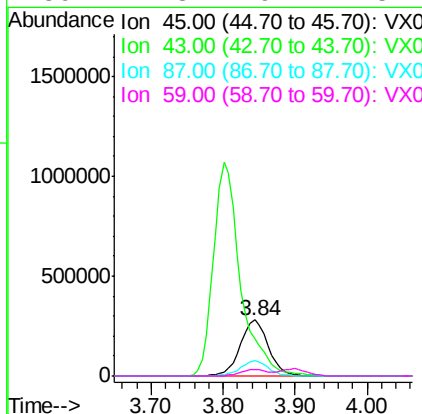
RT: 3.84 min Scan# 485

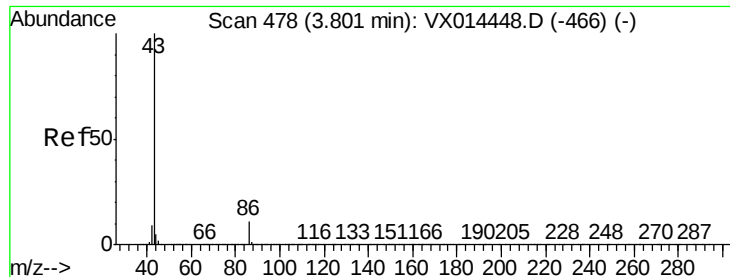
Delta R.T. -0.00 min

Lab File: VX014678.D

Acq: 21 Jan 2020 16:40

Tgt Ion:	45	Resp:	761301
Ion Ratio	Lower	Upper	
45	100		
43	67.0	55.8	83.6
87	27.4	21.8	32.8
59	11.3	9.1	13.7





#23

Vinyl Acetate

Concen: 245.464 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX014678.D

Acq: 21 Jan 2020 16:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2800703

Ion Ratio Lower Upper

43 100

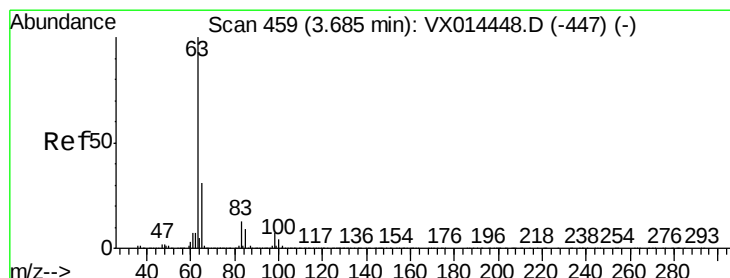
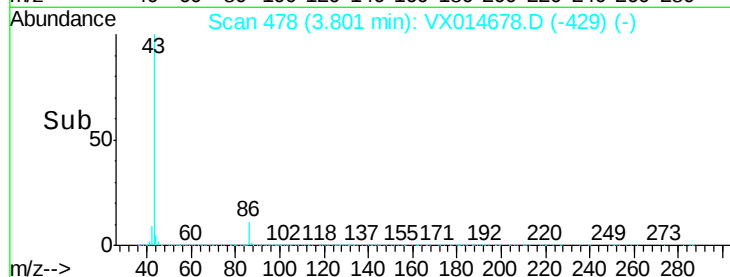
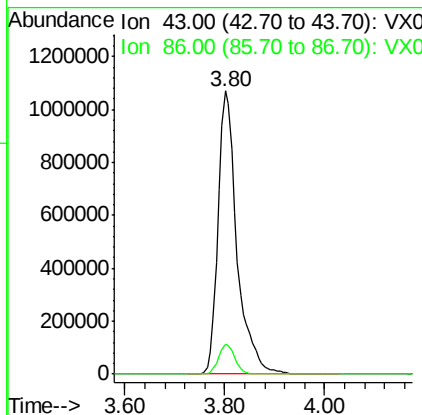
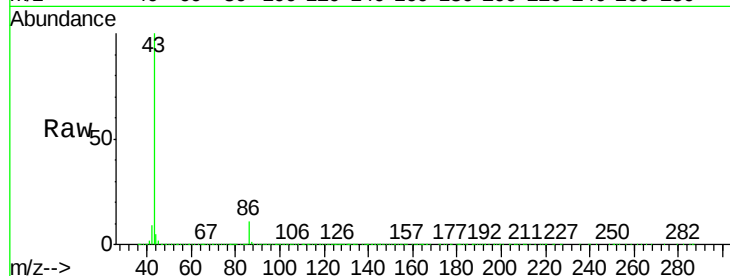
86 10.6 8.4 12.6

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#24

1,1-Dichloroethane

Concen: 50.254 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX014678.D

Acq: 21 Jan 2020 16:40

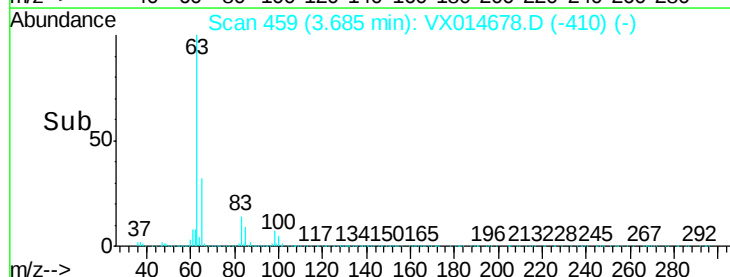
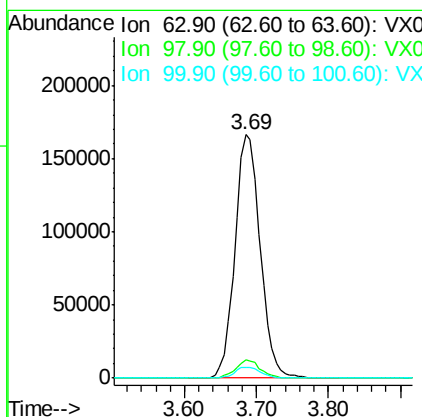
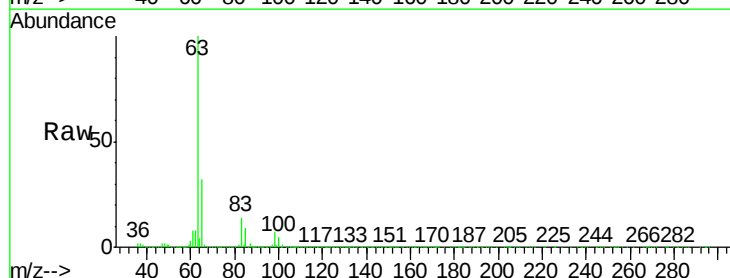
Tgt Ion: 63 Resp: 402886

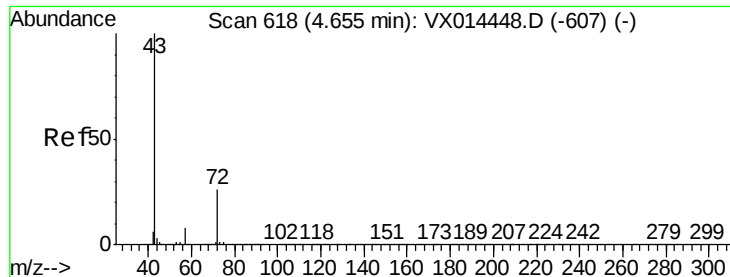
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.9

100 4.6 2.3 6.8





#25

2-Butanone

Concen: 254.809 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX014678.D

Acq: 21 Jan 2020 16:40

Tot Ion: 43 Resp: 934458

Ion Ratio Lower Upper

43 100

72 25.2 20.6 31.0

Instrument :

MSVOA_X

ClientSampleId :

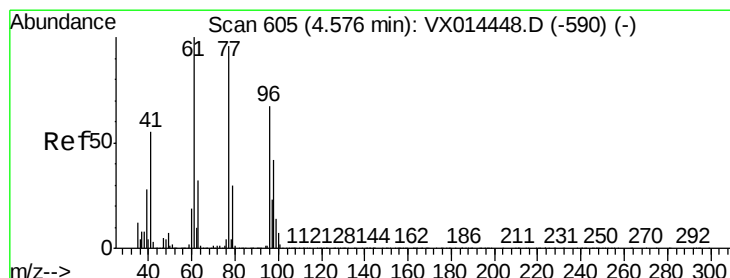
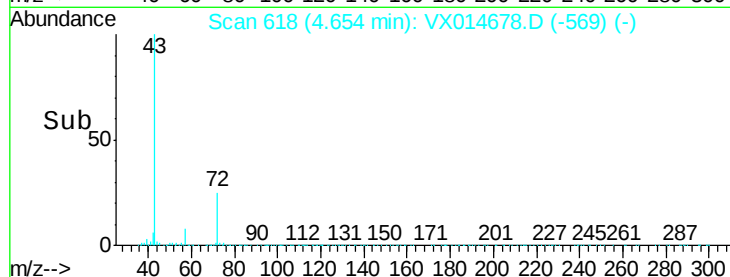
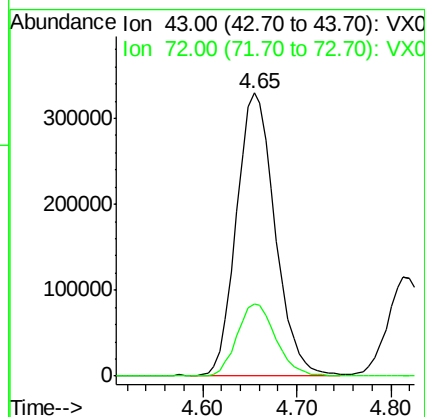
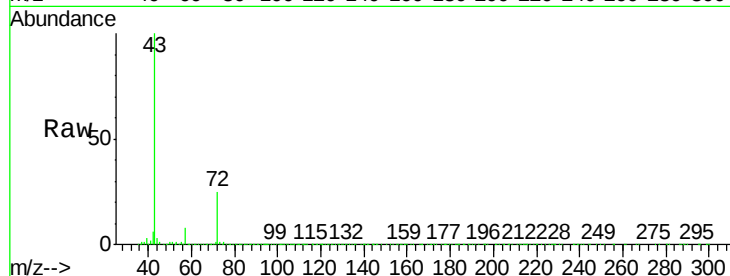
VSTDCCC050EC

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 47.507 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014678.D

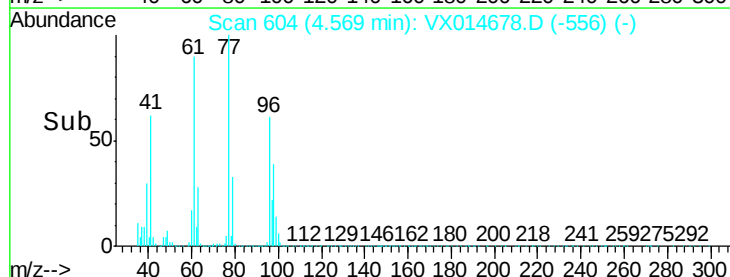
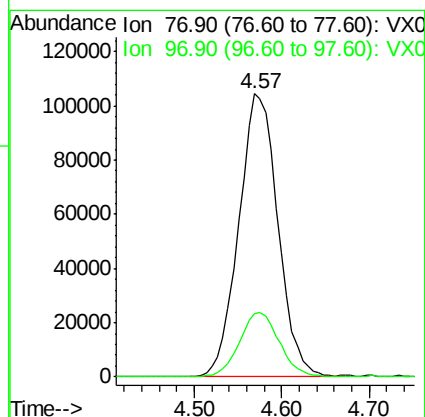
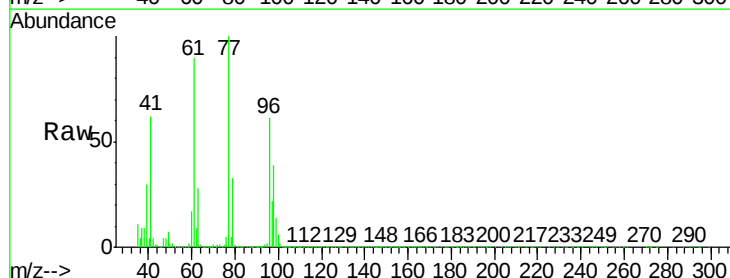
Acq: 21 Jan 2020 16:40

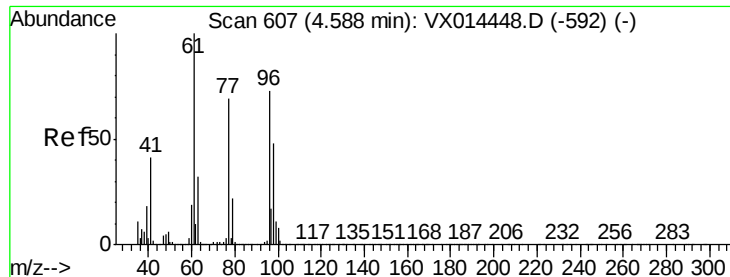
Tgt Ion: 77 Resp: 322634

Ion Ratio Lower Upper

77 100

97 23.6 11.7 35.1





#27

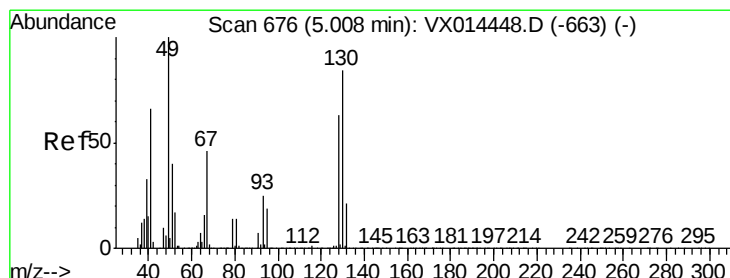
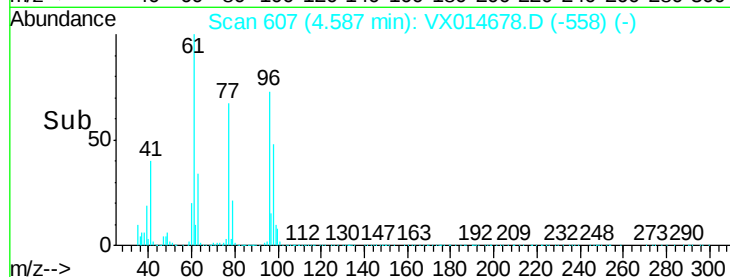
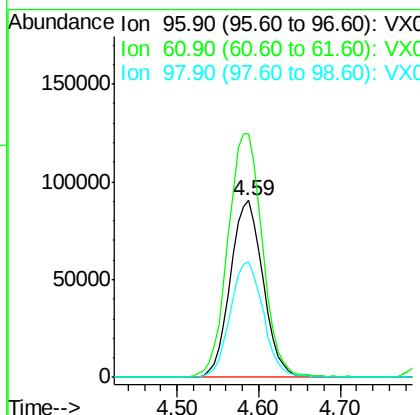
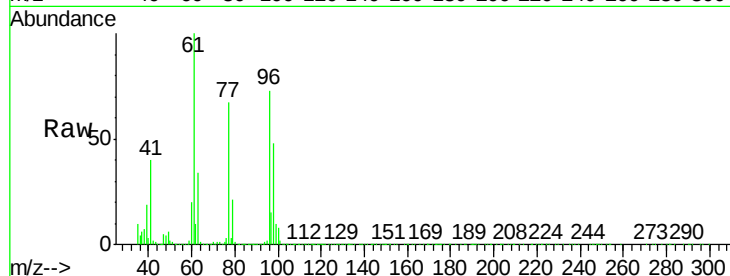
cis-1,2-Dichloroethene
Concen: 47.276 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX014678.D
Acq: 21 Jan 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	250612		
61	145.2	0.0	285.4	
98	65.4	0.0	130.6	

Manual Integrations
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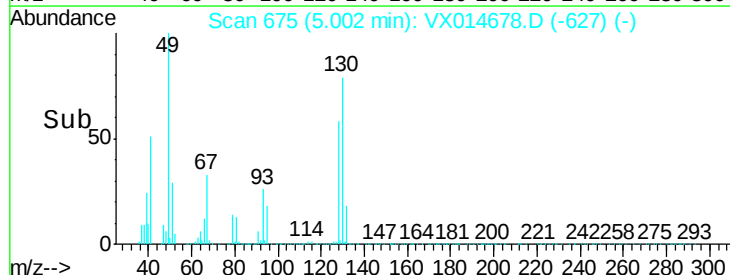
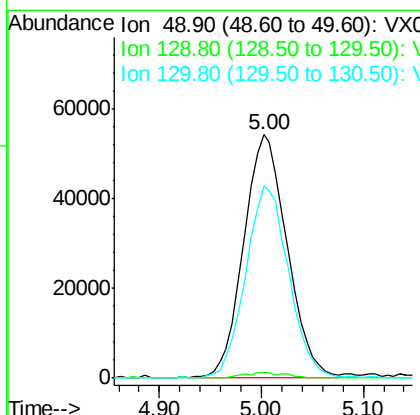
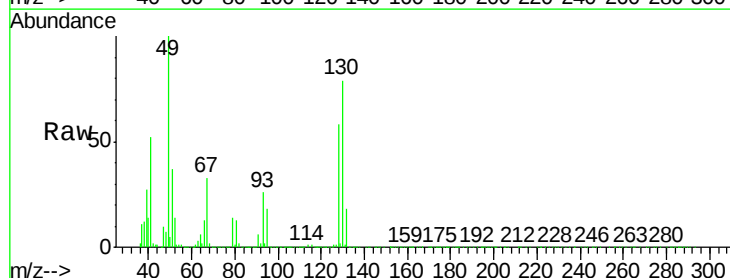
MMDadoda
1/22/2020 12:26:52 PM

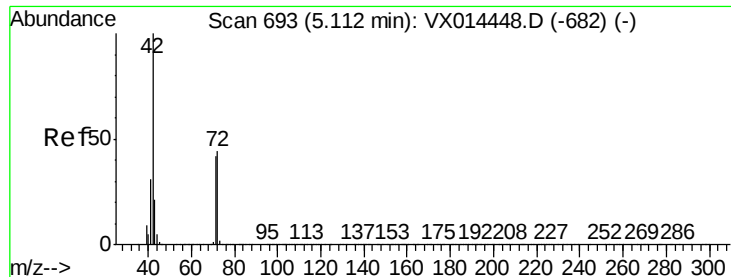


#28

Bromochloromethane
Concen: 47.125 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014678.D
Acq: 21 Jan 2020 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	159194		
129	2.4	0.0	4.4	
130	78.4	67.0	100.4	





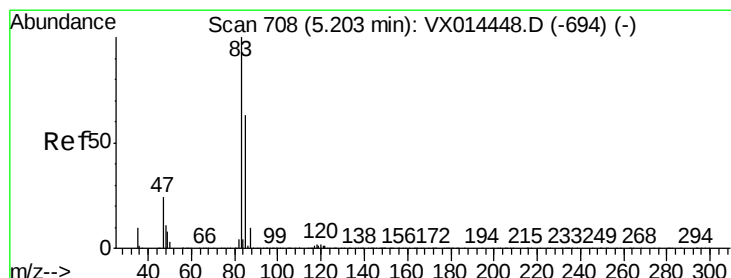
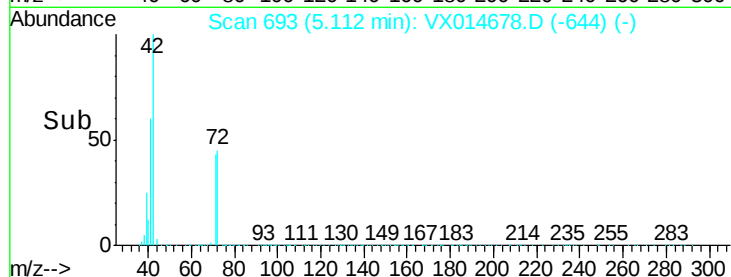
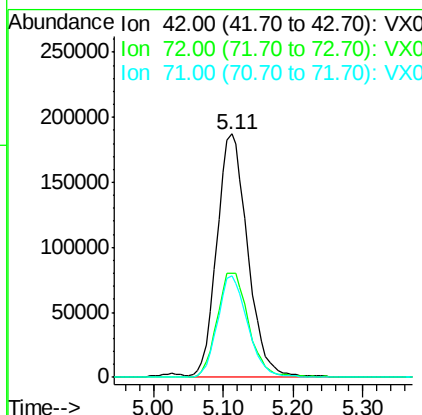
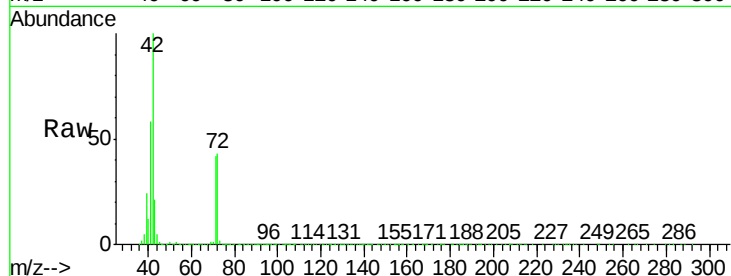
#29
Tetrahydrofuran
Concen: 262.196 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX014678.D
Acq: 21 Jan 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.4	36.2	54.4
71	40.8	34.1	51.1

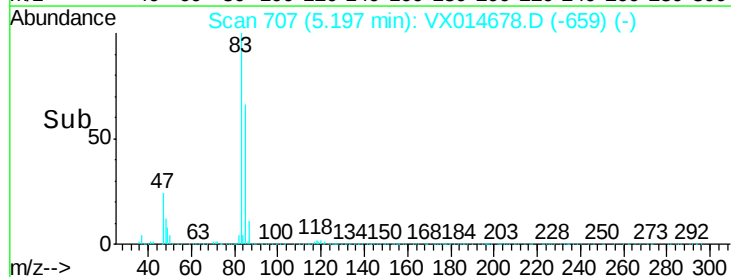
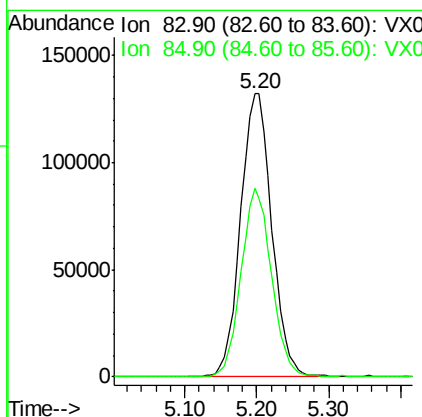
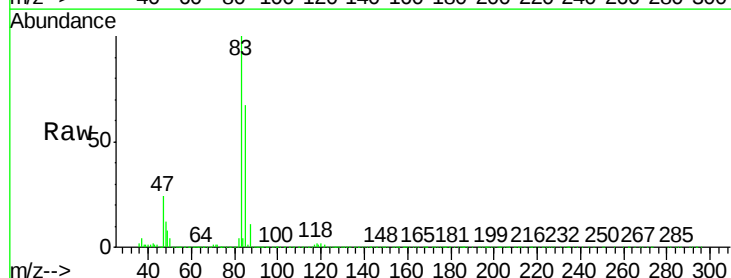
Manual Integrations
APPROVED

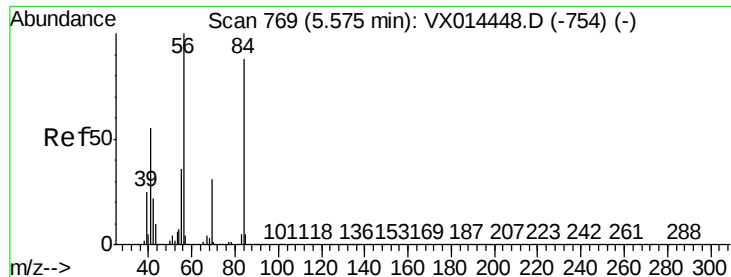
MMDadoda
1/22/2020 12:26:52 PM



#30
Chloroform
Concen: 50.561 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014678.D
Acq: 21 Jan 2020 16:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.6	50.6	75.8





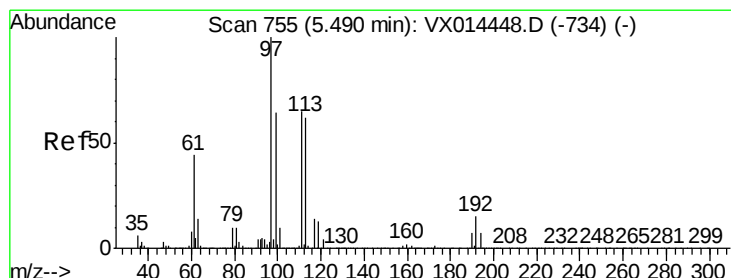
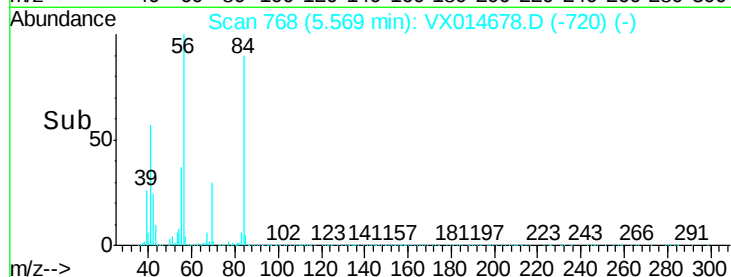
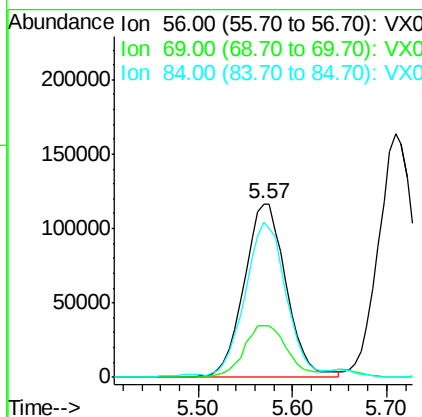
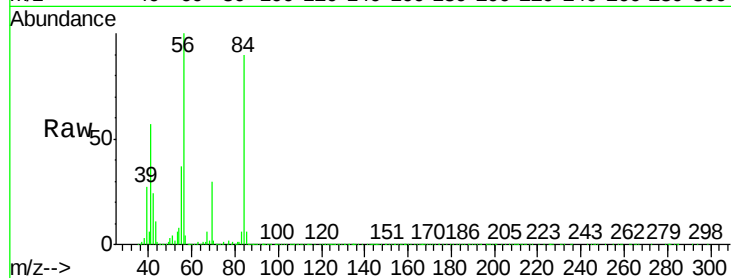
#31
Cyclohexane
Concen: 48.301 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014678.D
Acq: 21 Jan 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.9	24.4	36.6
84	87.9	70.6	106.0

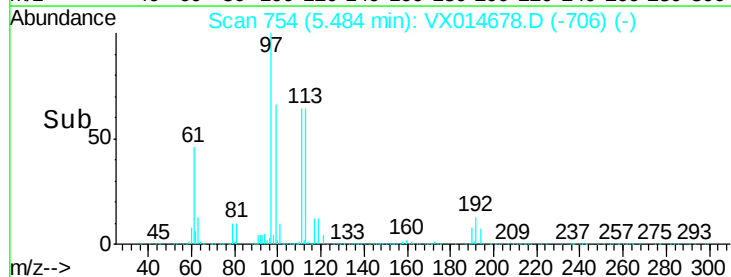
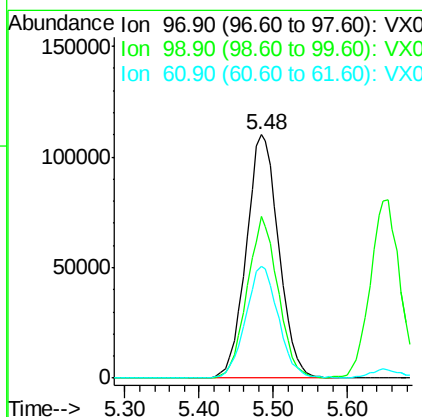
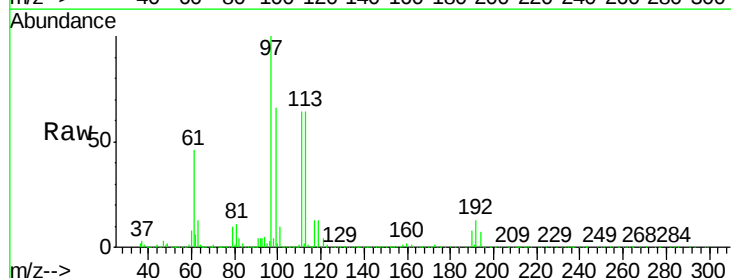
Manual Integrations
APPROVED

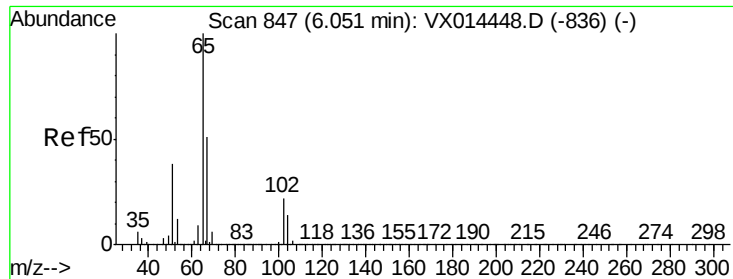
MMDadoda
1/22/2020 12:26:52 PM



#32
1,1,1-Trichloroethane
Concen: 50.027 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014678.D
Acq: 21 Jan 2020 16:40

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.8	77.6
61	46.1	35.9	53.9





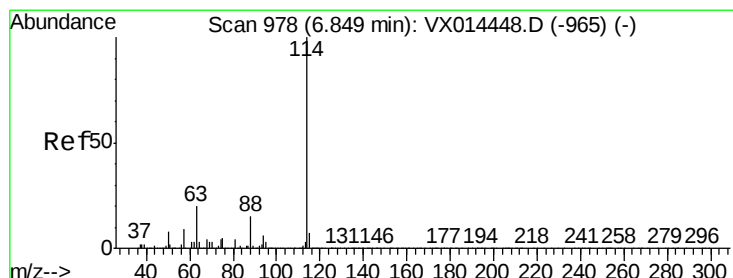
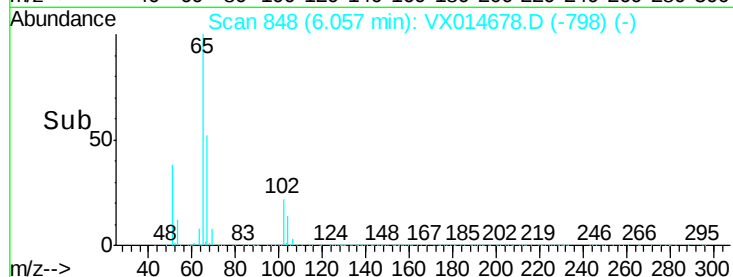
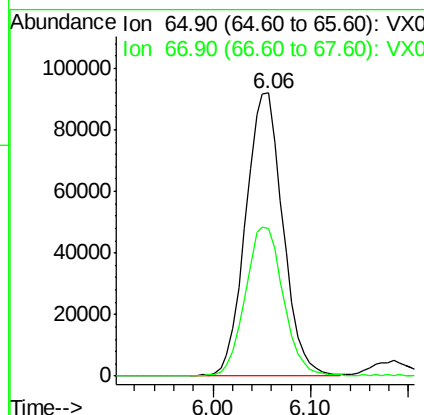
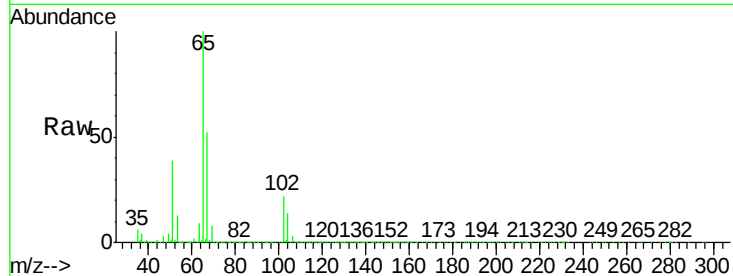
#33
 1,2-Dichloroethane-d4
 Concen: 49.536 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX014678.D
 Acq: 21 Jan 2020 16:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	106.2

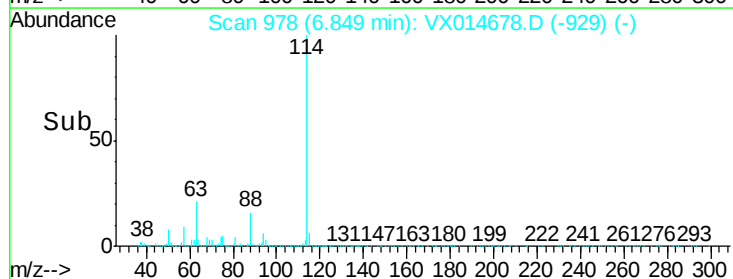
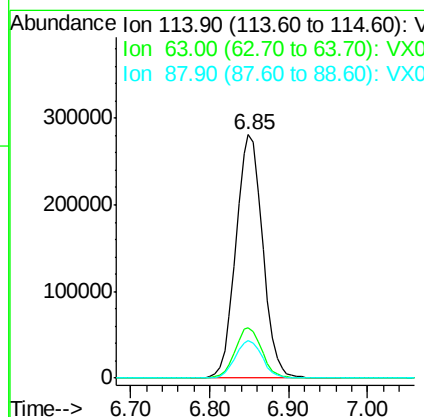
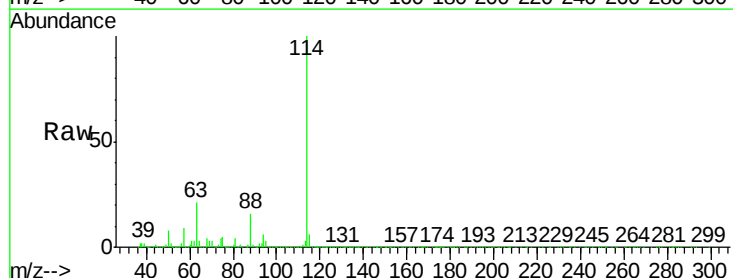
Manual Integrations
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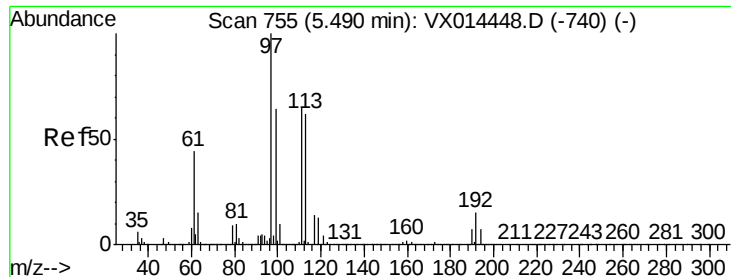
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX014678.D
 Acq: 21 Jan 2020 16:40

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	39.6
88	15.6	0.0	30.8





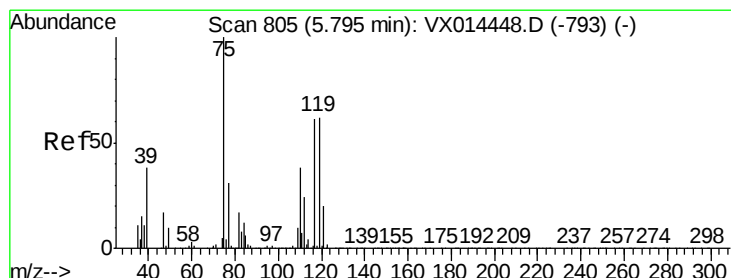
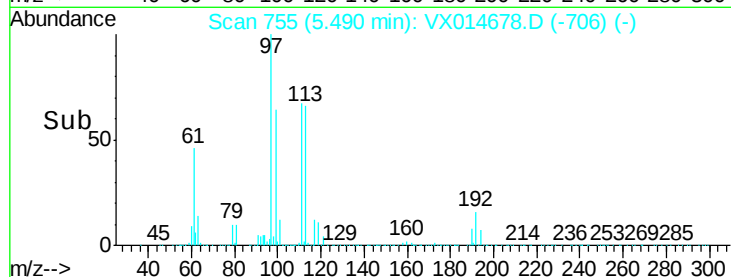
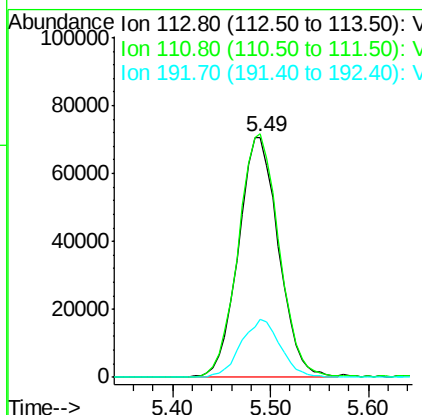
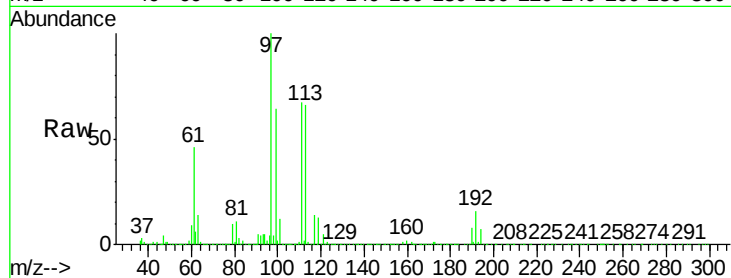
#35
Dibromofluoromethane
Concen: 49.750 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX014678.D
Acq: 21 Jan 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	200168		
111	103.0	81.5	122.3	
192	23.9	19.2	28.8	

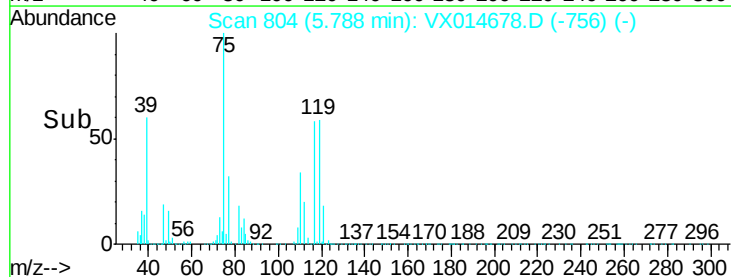
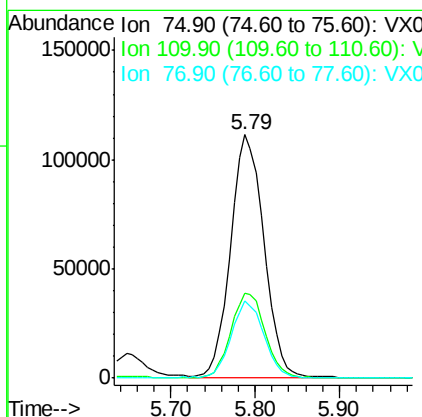
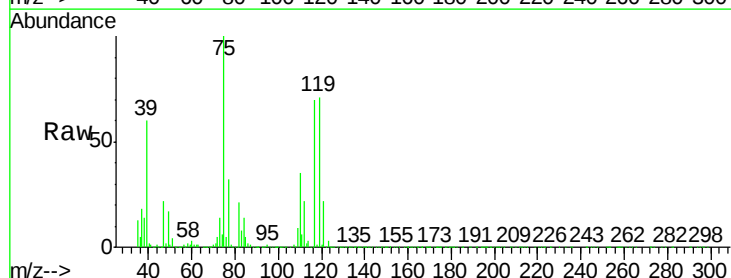
Manual Integrations
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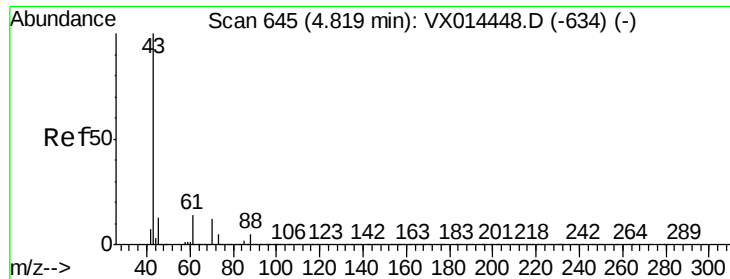
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1/22/2020 12:26:52 PM



#36
1,1-Dichloropropene
Concen: 47.593 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX014678.D
Acq: 21 Jan 2020 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	297482		
110	36.1	18.6	55.8	
77	30.8	24.5	36.7	





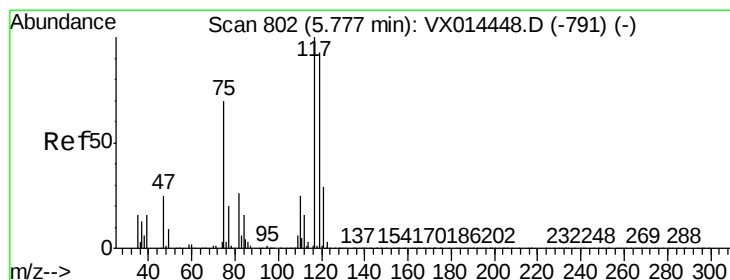
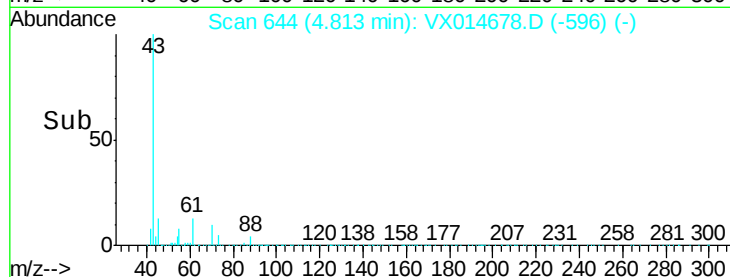
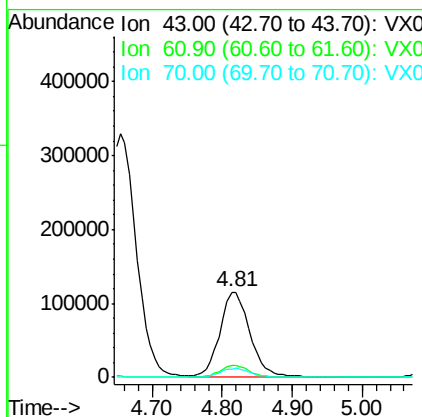
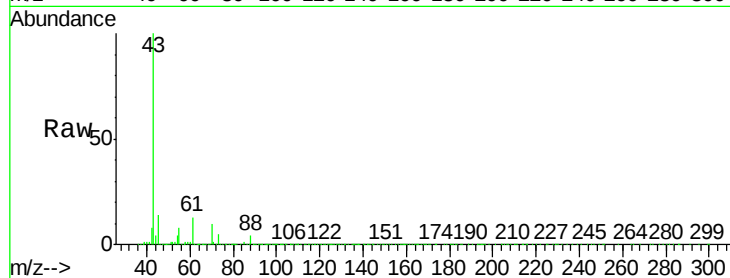
#37
Ethyl Acetate
Concen: 50.305 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014678.D
Acq: 21 Jan 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	341535
Ion Ratio	Lower	Upper	
43	100		
61	13.5	11.1	16.7
70	10.8	8.9	13.3

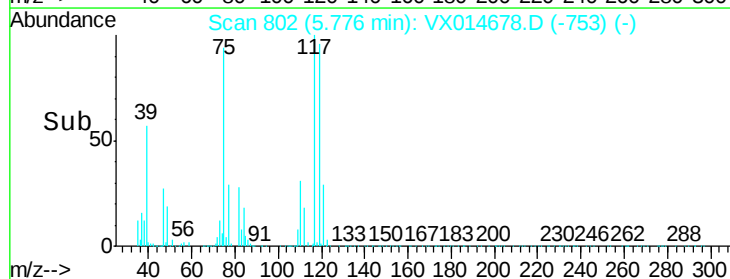
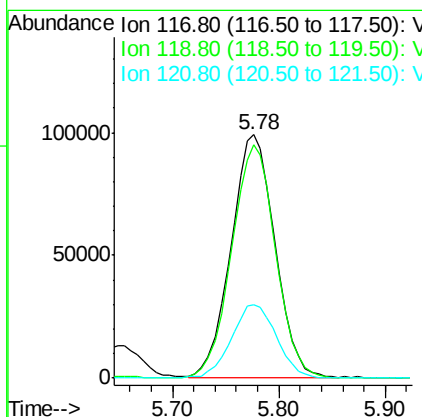
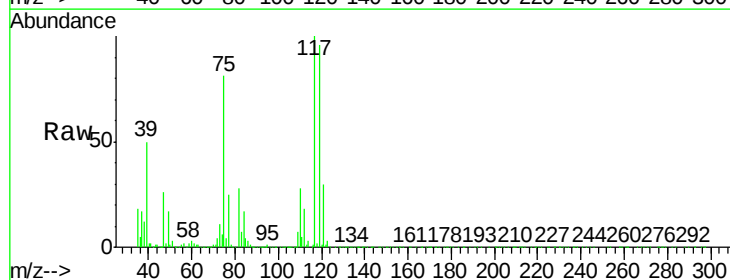
Manual Integrations
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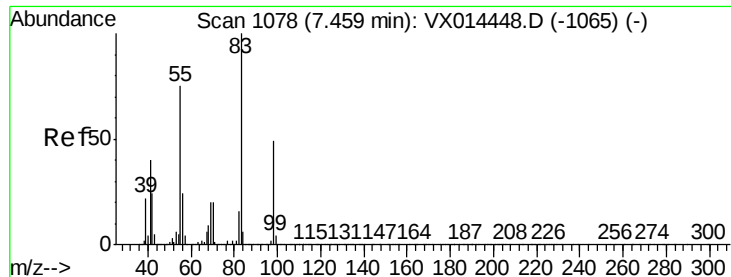
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#38
Carbon Tetrachloride
Concen: 49.507 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX014678.D
Acq: 21 Jan 2020 16:40

Tgt Ion	117	Resp	284758
Ion Ratio	Lower	Upper	
117	100		
119	96.0	73.8	110.8
121	30.0	23.4	35.0





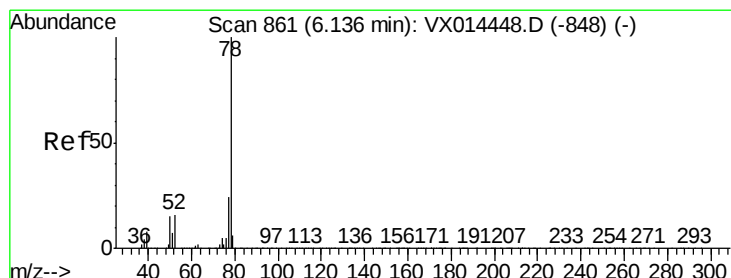
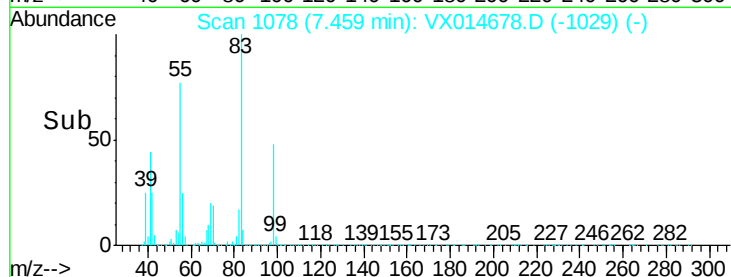
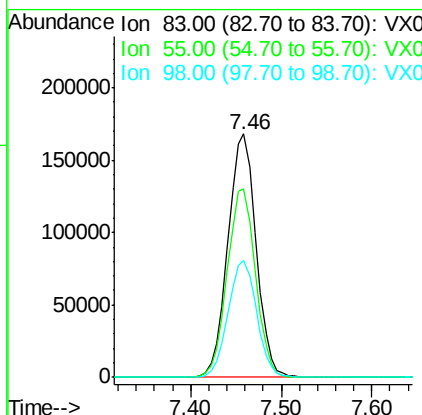
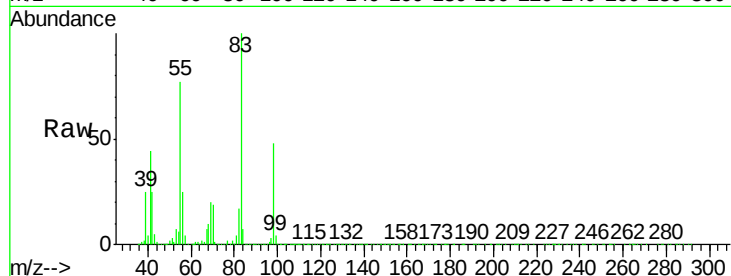
#39
Methvlcvclohexane
Concen: 46.266 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX014678.D
Acq: 21 Jan 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.2	59.7	89.5
98	48.0	39.1	58.7

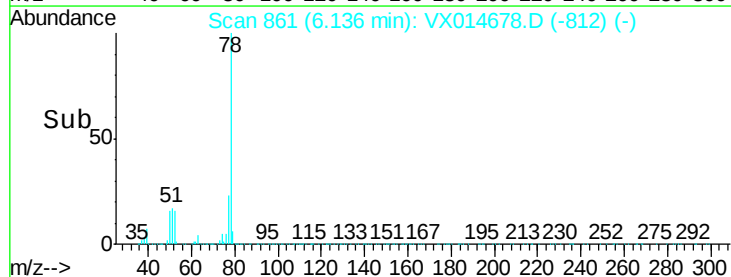
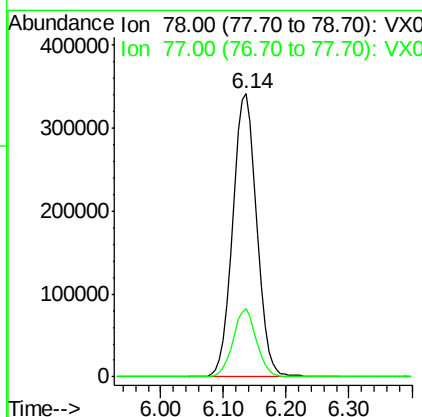
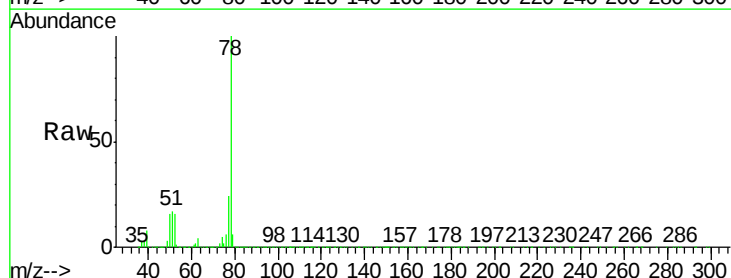
Manual Integrations
APPROVED

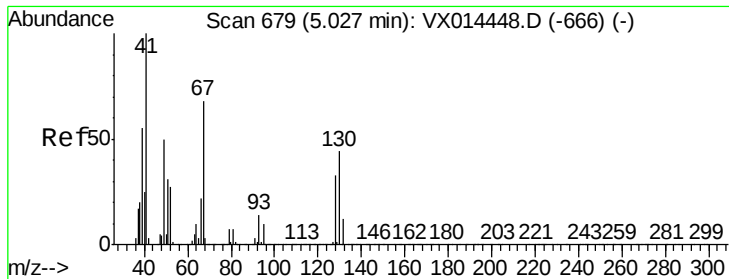
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#40
Benzene
Concen: 48.642 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX014678.D
Acq: 21 Jan 2020 16:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.5	29.3





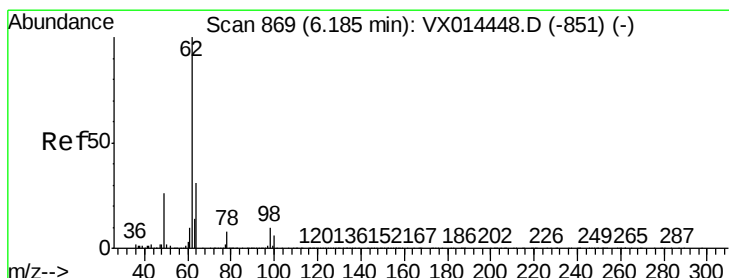
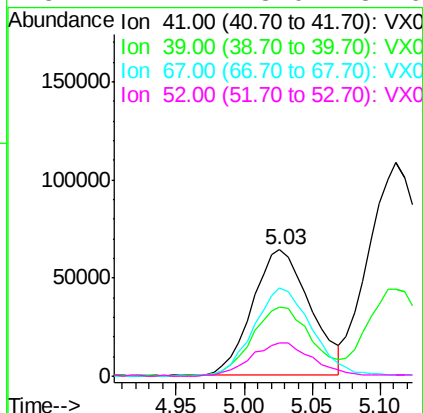
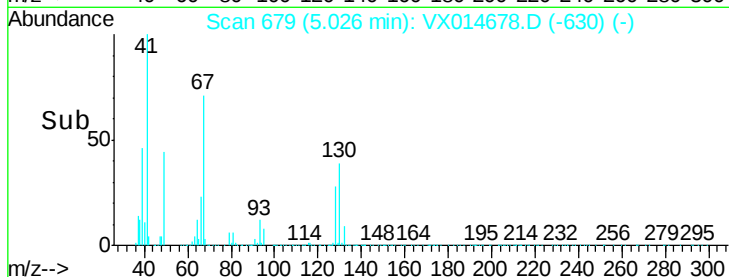
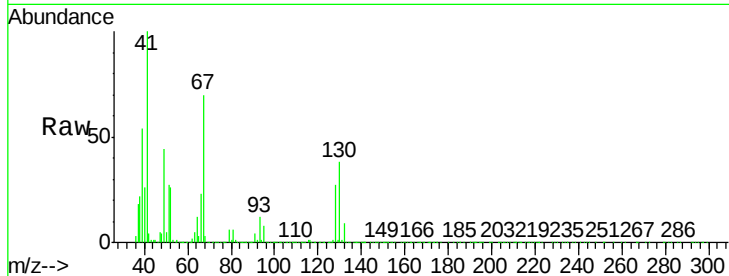
#41
Methacrylonitrile
Concen: 52.824 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX014678.D
Acq: 21 Jan 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	55.0	43.6	65.4		
67	71.0	57.9	86.9		
52	27.4	23.0	34.6		

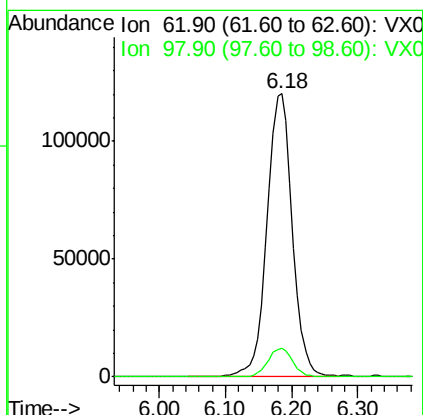
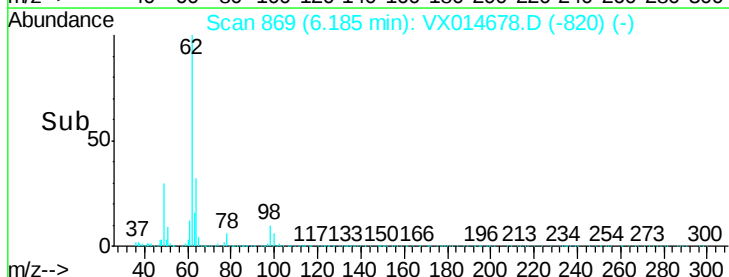
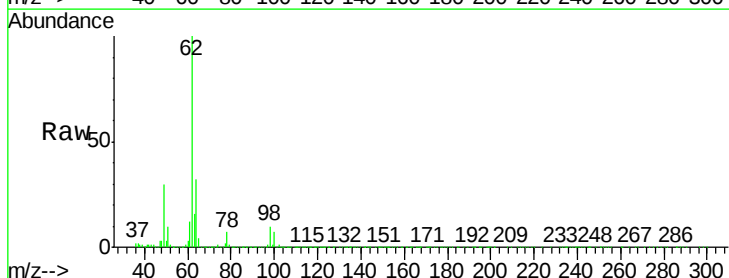
Manual Integrations
APPROVED

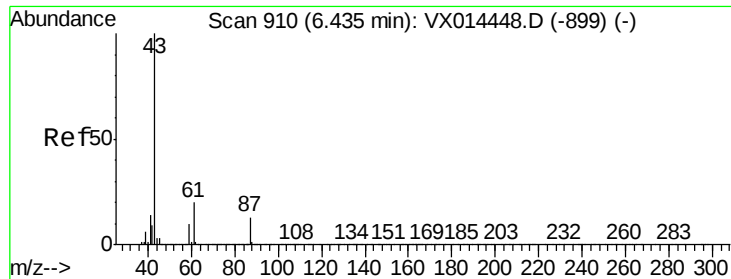
MMDadoda
1/22/2020 12:26:52 PM



#42
1,2-Dichloroethane
Concen: 49.112 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX014678.D
Acq: 21 Jan 2020 16:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.8	0.0	20.4		





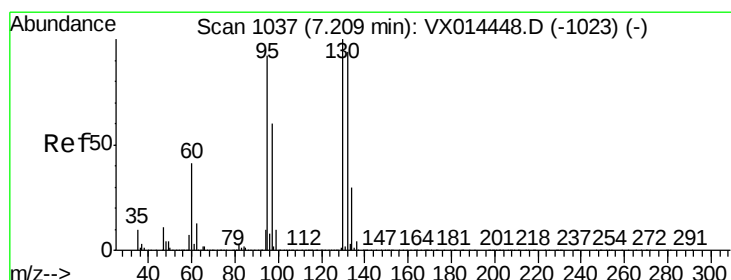
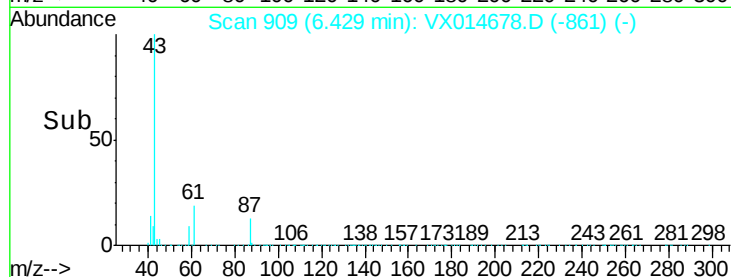
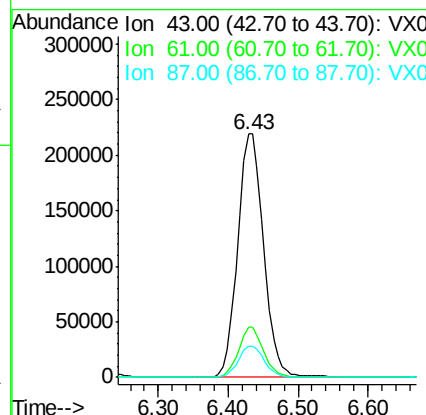
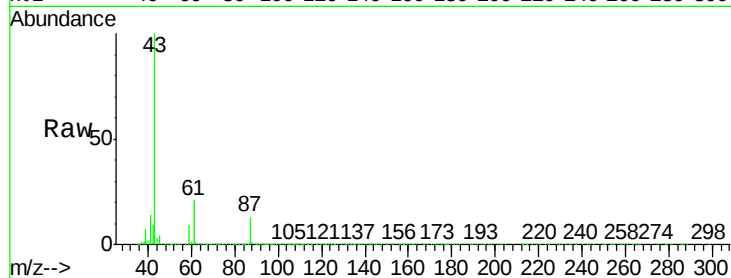
#43
Isopropyl Acetate
Concen: 51.143 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014678.D
Acq: 21 Jan 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.8	16.6	24.8
87	13.1	10.8	16.2

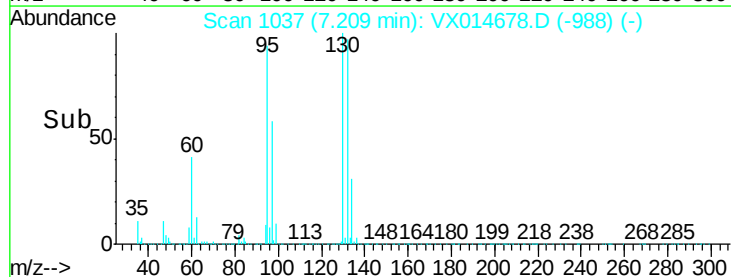
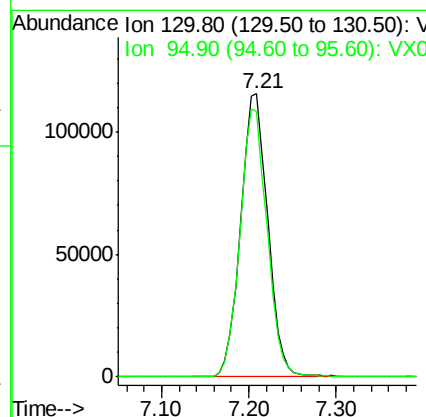
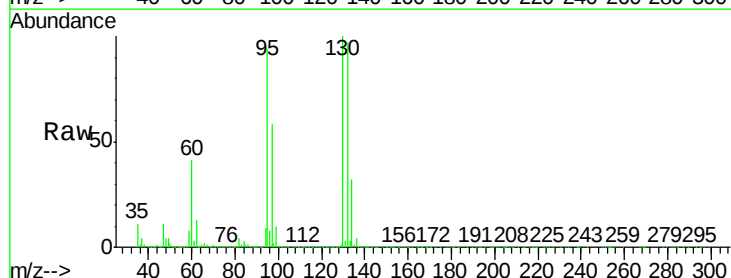
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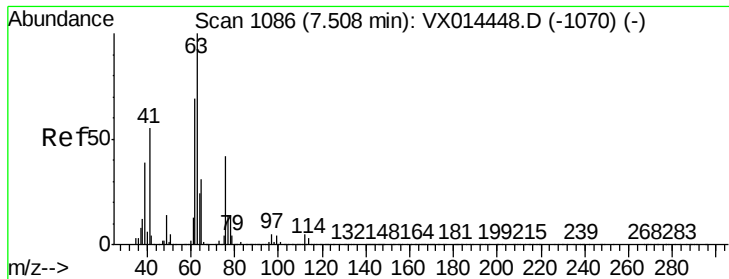
MMDadoda
1/22/2020 12:26:52 PM



#44
Trichloroethene
Concen: 46.828 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VX014678.D
Acq: 21 Jan 2020 16:40

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.5	0.0	184.2





#45

1,2-Dichloropropane

Concen: 50.778 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX014678.D

Acq: 21 Jan 2020 16:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 240161

Ion Ratio Lower Upper

63 100

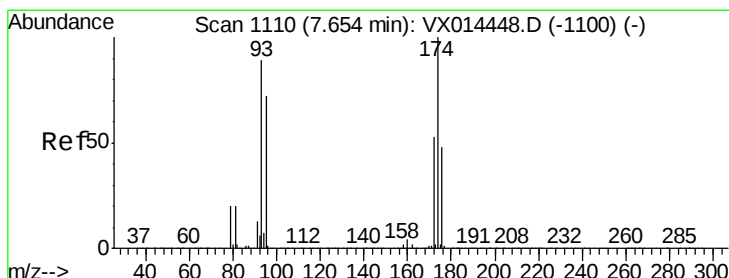
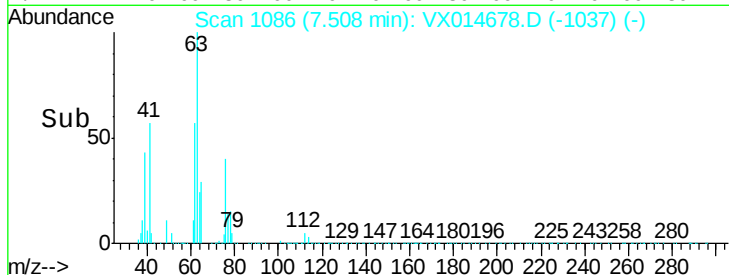
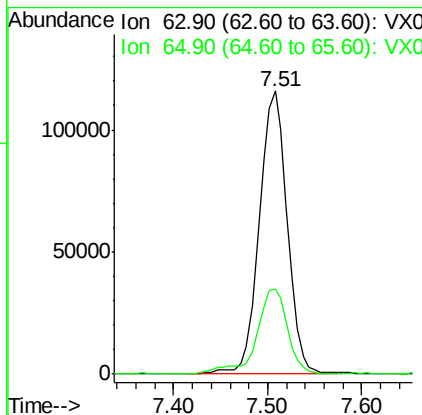
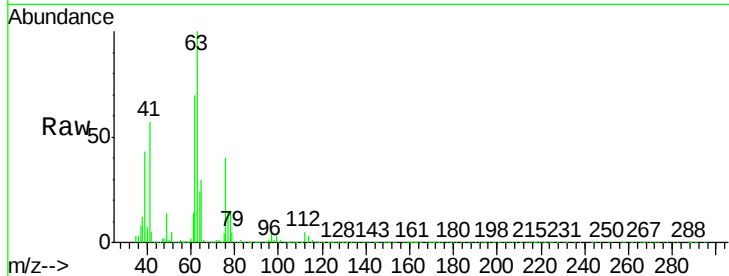
65 30.0 24.8 37.2

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1/22/2020 12:26:52 PM



#46

Dibromomethane

Concen: 46.615 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX014678.D

Acq: 21 Jan 2020 16:40

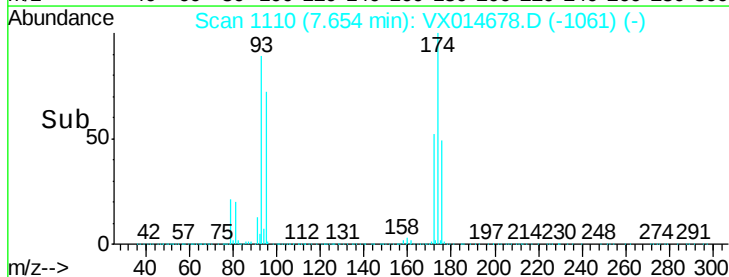
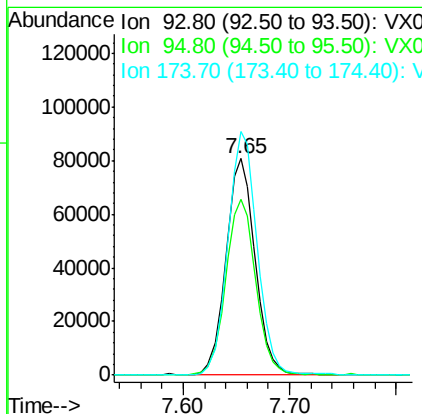
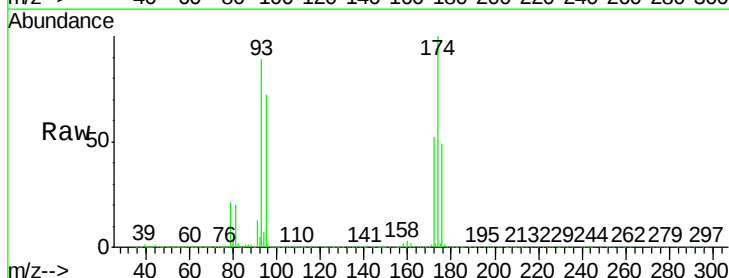
Tgt Ion: 93 Resp: 153883

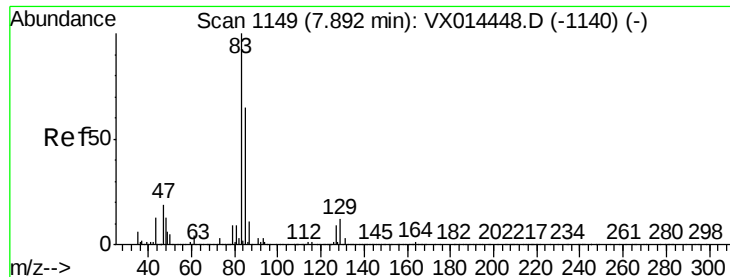
Ion Ratio Lower Upper

93 100

95 83.6 65.4 98.2

174 113.7 93.0 139.4





#47

Bromodichloromethane

Concen: 51.180 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX014678.D

Acq: 21 Jan 2020 16:40

Instrument :

MSVOA_X

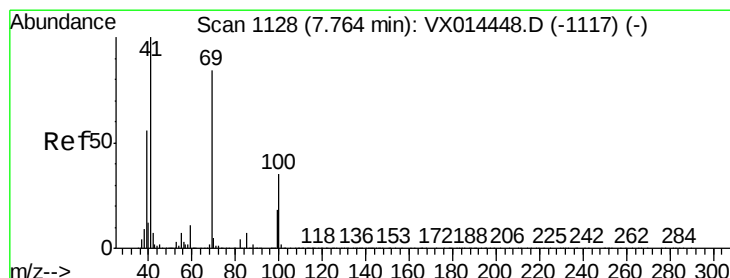
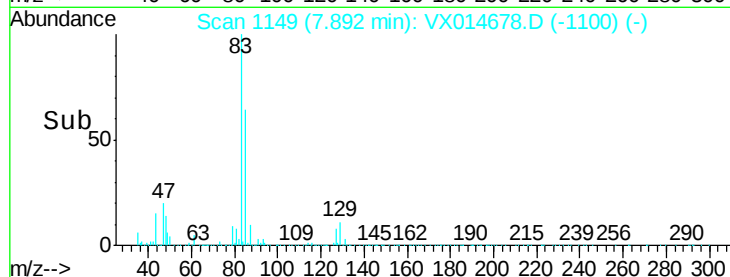
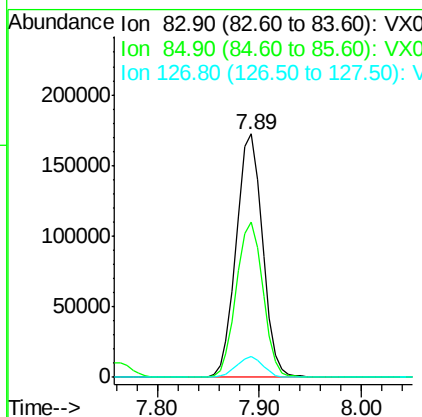
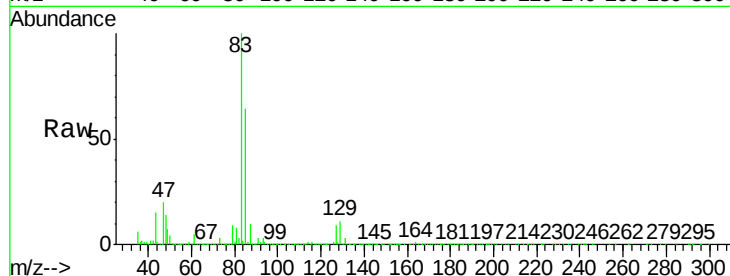
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	307427
Ion Ratio	Lower	Upper	
83	100		
85	63.6	51.7	77.5
127	8.5	7.1	10.7

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#48

Methyl methacrylate

Concen: 52.544 ug/l

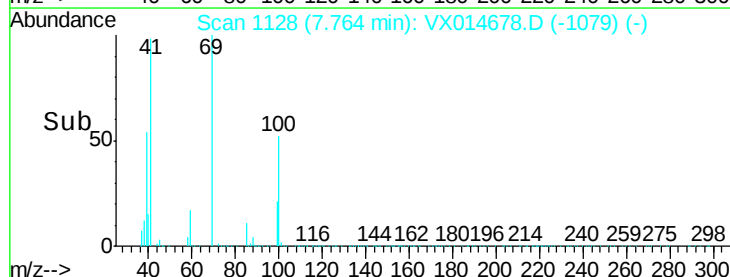
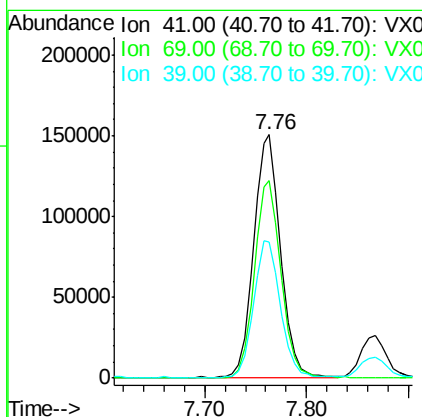
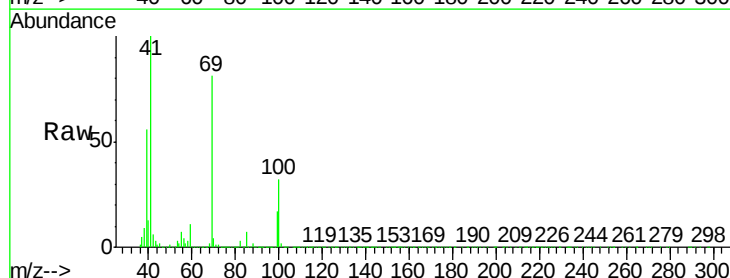
RT: 7.76 min Scan# 1128

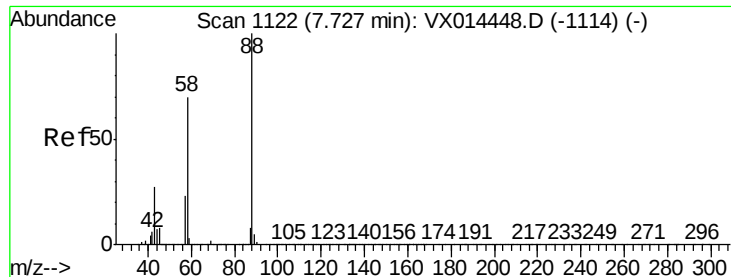
Delta R.T. -0.00 min

Lab File: VX014678.D

Acq: 21 Jan 2020 16:40

Tgt Ion:	41	Resp:	276010
Ion Ratio	Lower	Upper	
41	100		
69	80.9	65.5	98.3
39	56.5	43.9	65.9





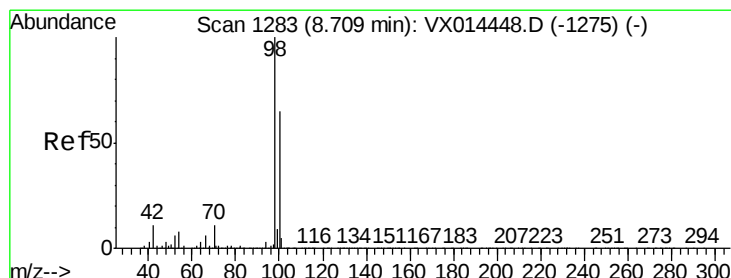
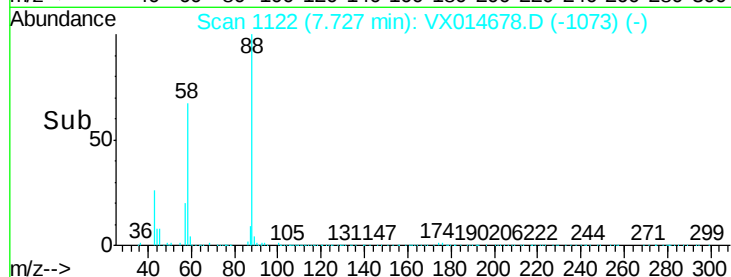
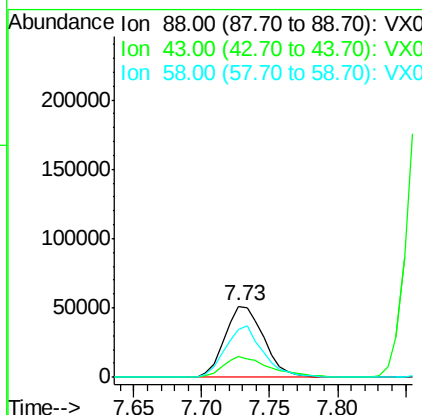
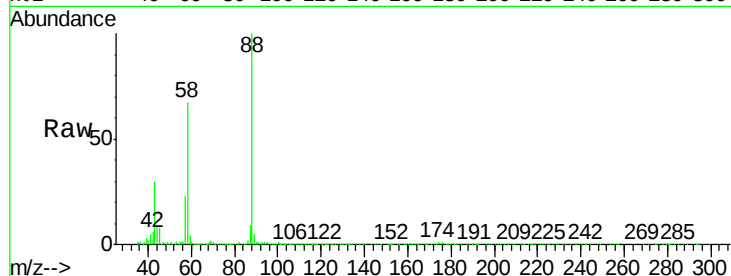
#49
1,4-Dioxane
Concen: 906.064 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VX014678.D
Acq: 21 Jan 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.8	27.4	41.0
58	69.9	57.1	85.7

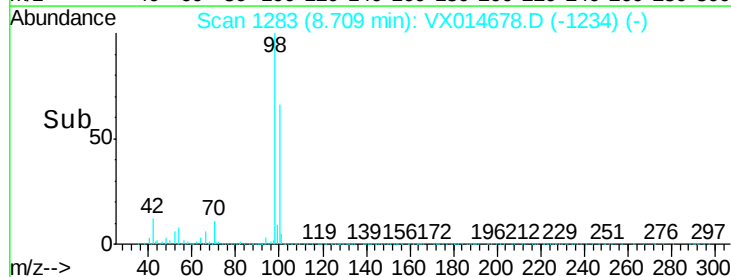
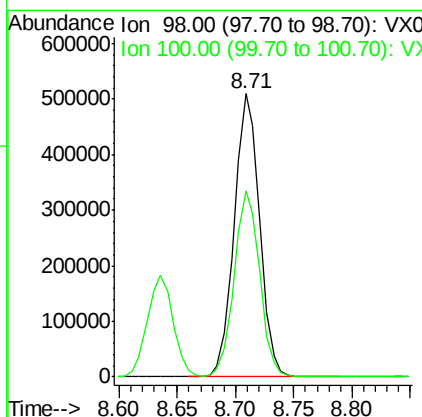
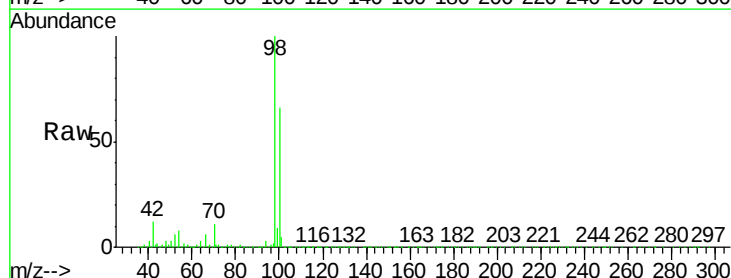
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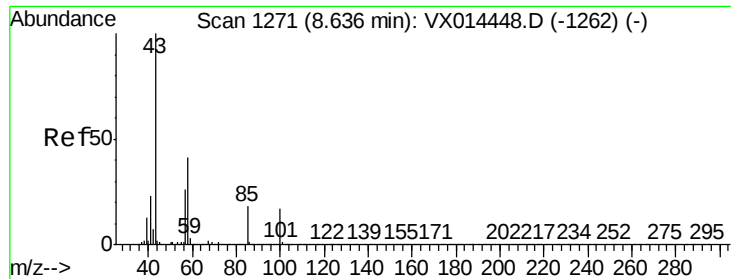
MMDadoda
1/22/2020 12:26:52 PM



#50
Toluene-d8
Concen: 49.412 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014678.D
Acq: 21 Jan 2020 16:40

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.2	79.8





#51

4-Methyl-2-Pentanone

Concen: 264.508 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX014678.D

Acq: 21 Jan 2020 16:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1767813

Ion Ratio Lower Upper

43 100

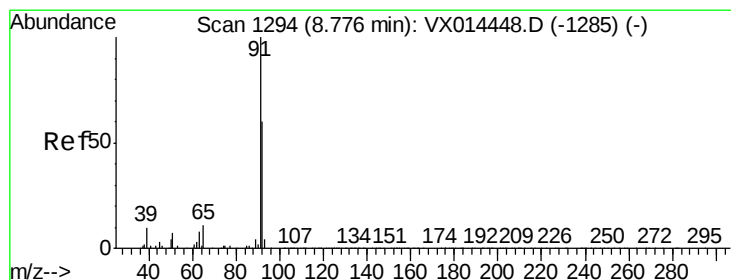
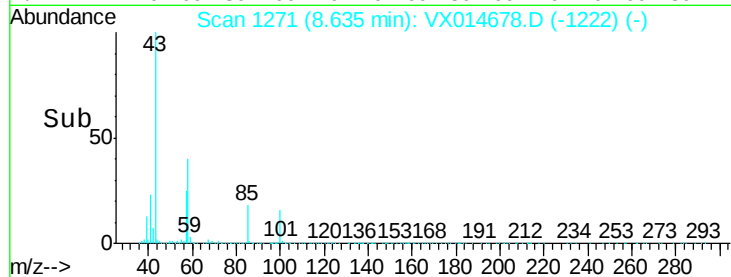
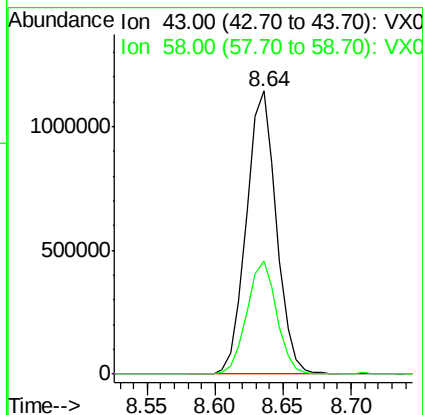
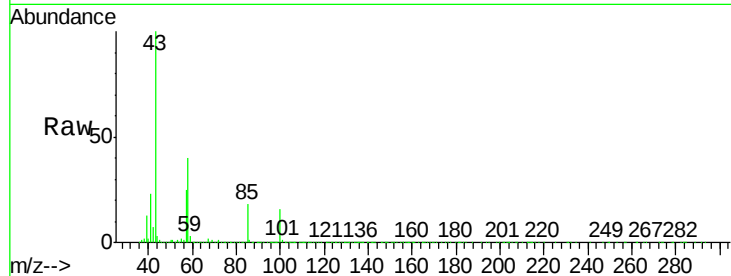
58 39.8 32.4 48.6

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1/22/2020 12:26:52 PM



#52

Toluene

Concen: 47.932 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX014678.D

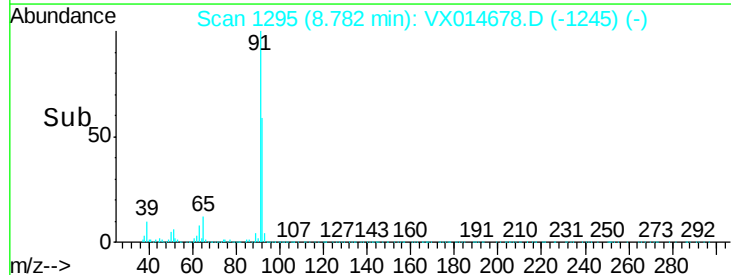
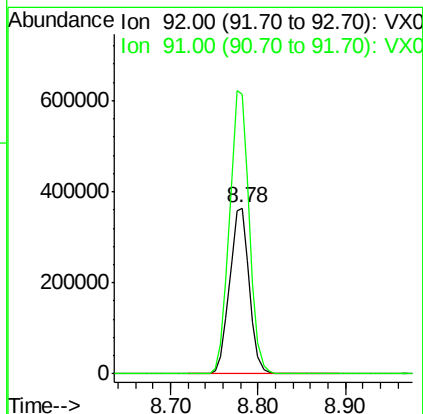
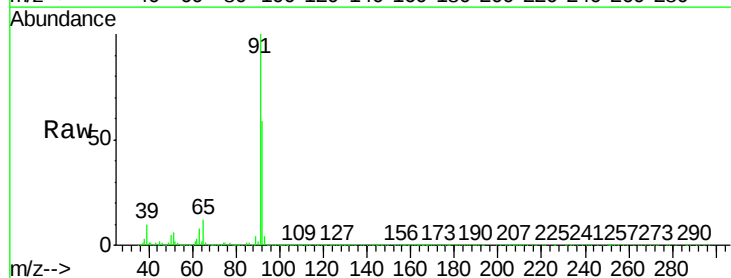
Acq: 21 Jan 2020 16:40

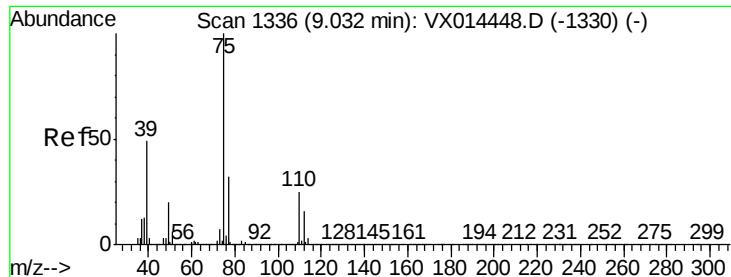
Tgt Ion: 92 Resp: 569213

Ion Ratio Lower Upper

92 100

91 171.9 135.7 203.5





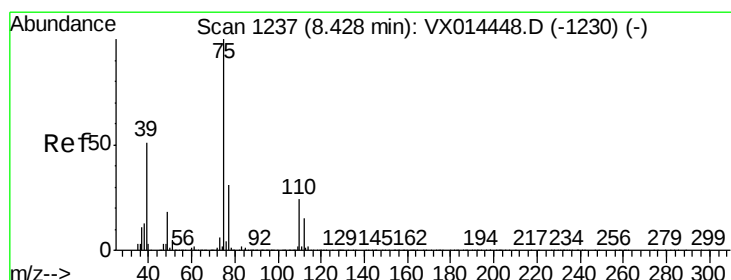
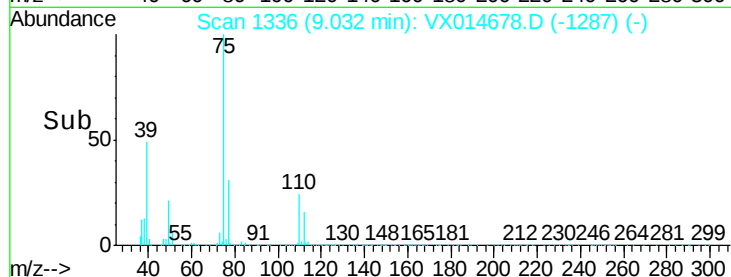
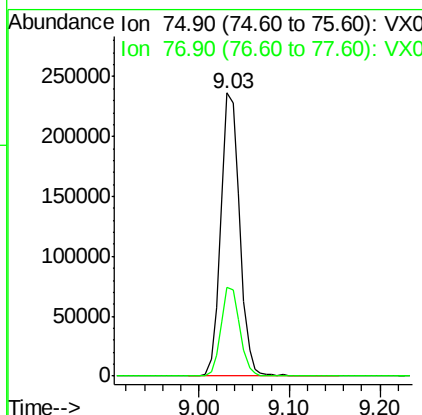
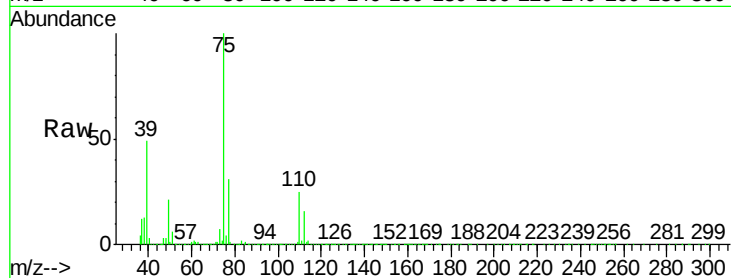
#53
t-1,3-Dichloropropene
Concen: 48.999 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VX014678.D
Acq: 21 Jan 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.4	38.2

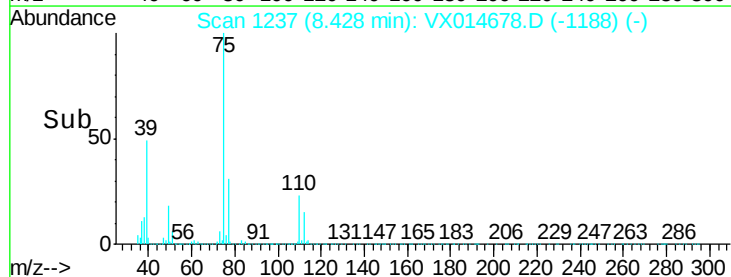
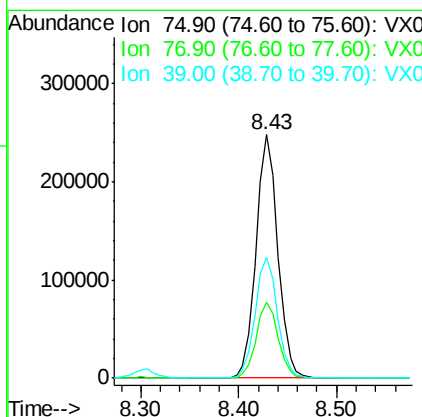
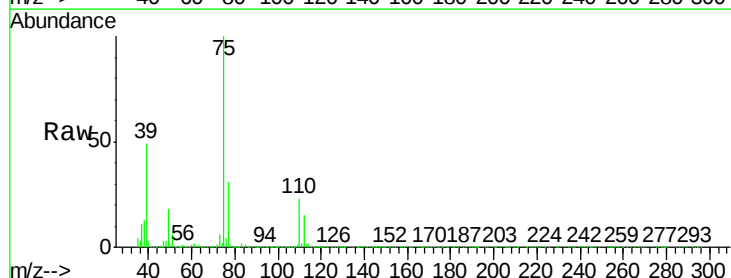
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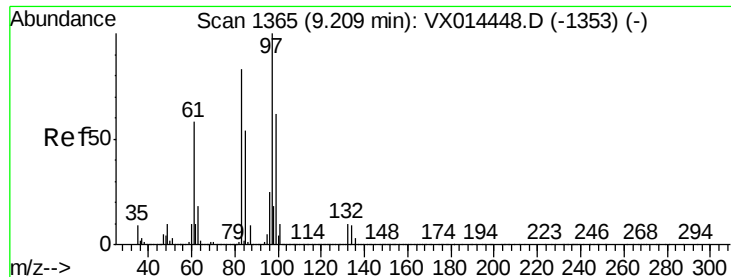
MMDadoda
1/22/2020 12:26:52 PM



#54
cis-1,3-Dichloropropene
Concen: 50.596 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX014678.D
Acq: 21 Jan 2020 16:40

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.0	37.4
39	49.3	40.7	61.1





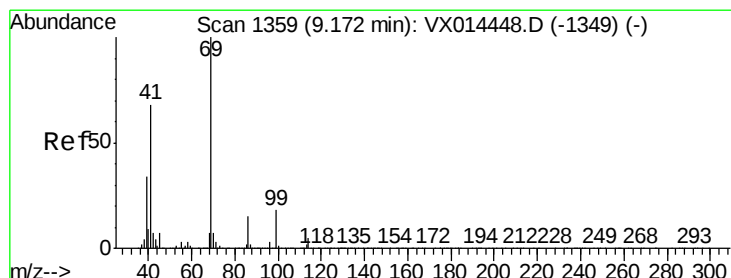
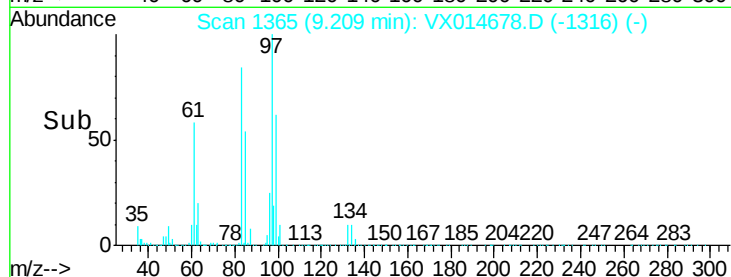
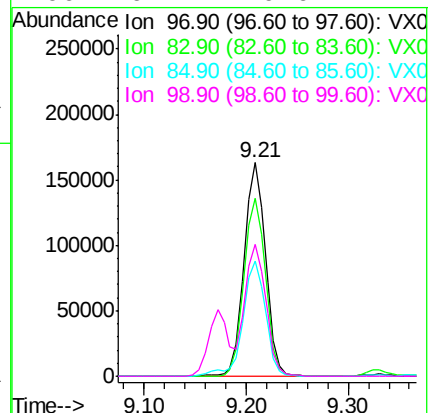
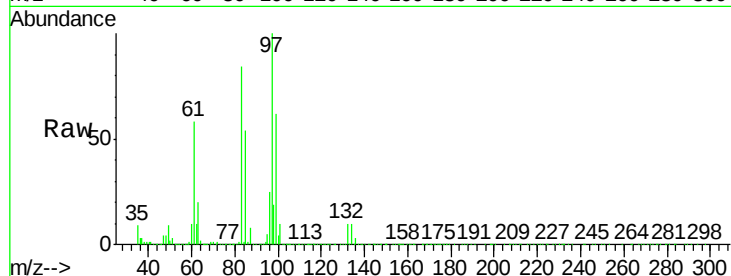
#55
 1,1,2-Trichloroethane
 Concen: 49.764 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014678.D
 Acq: 21 Jan 2020 16:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	83.4	66.4	99.6
85	53.8	43.4	65.2
99	61.4	49.6	74.4

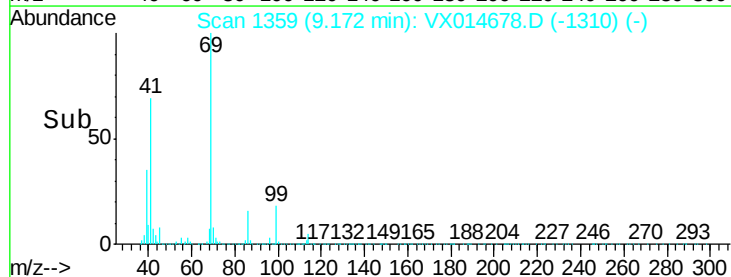
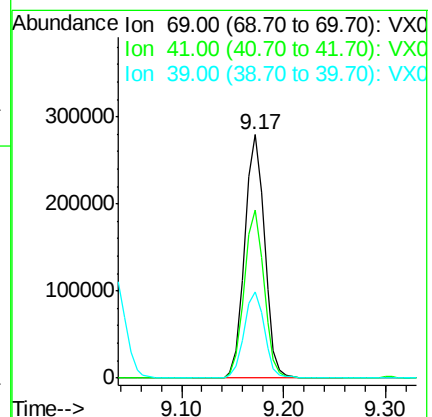
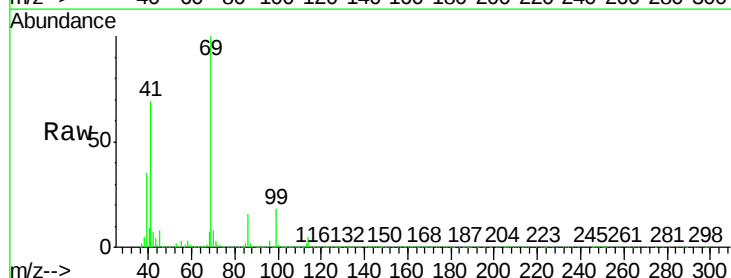
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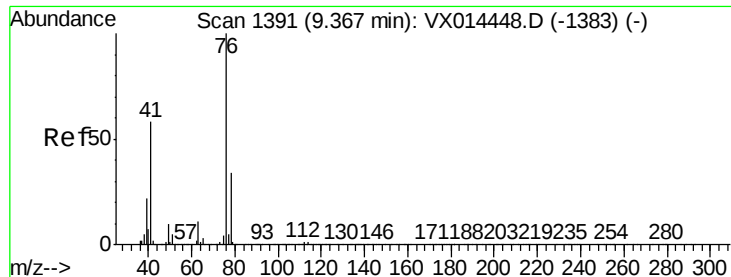
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#56
 Ethyl methacrylate
 Concen: 51.487 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX014678.D
 Acq: 21 Jan 2020 16:40

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.6	54.2	81.2
39	36.0	28.2	42.2





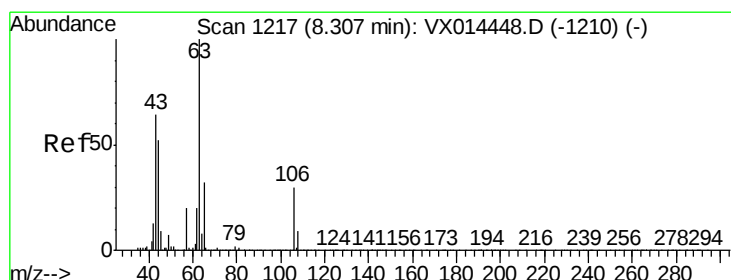
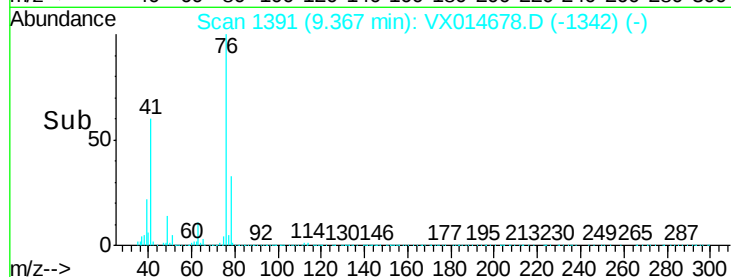
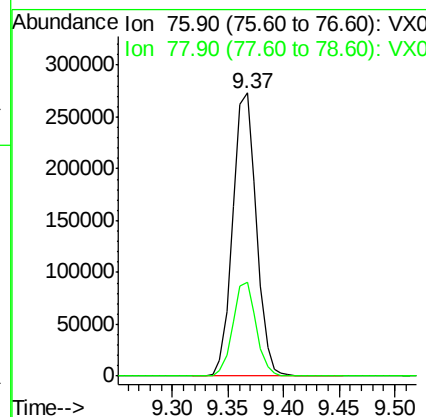
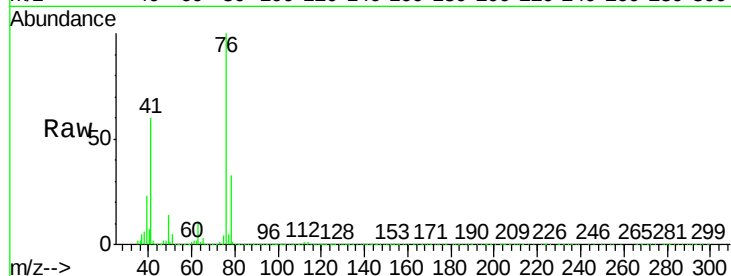
#57
 1,3-Dichloropropane
 Concen: 50.237 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX014678.D
 Acq: 21 Jan 2020 16:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.8	26.4	39.6

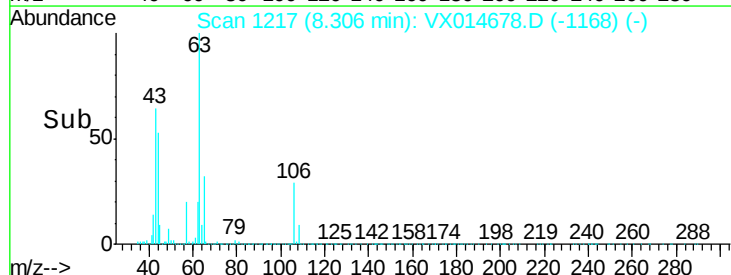
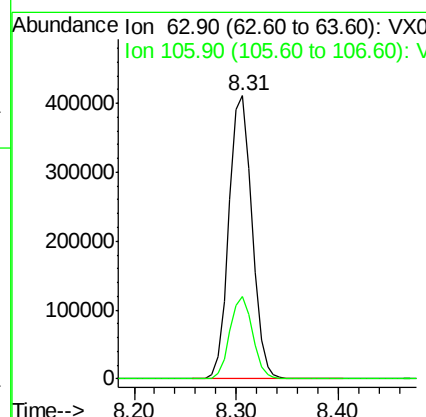
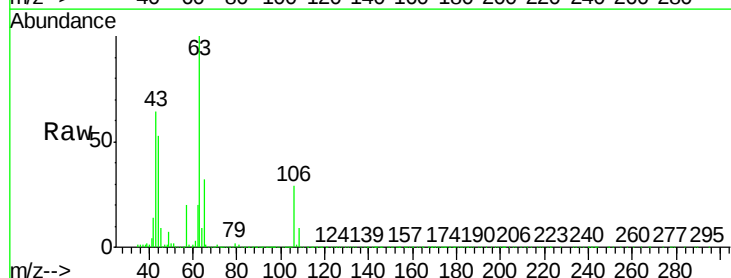
Manual Integrations
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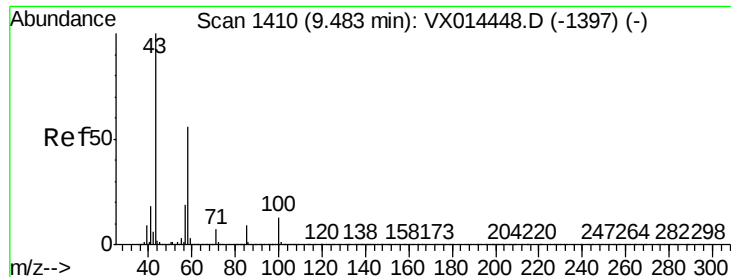
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#58
 2-Chloroethyl Vinyl ether
 Concen: 258.570 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX014678.D
 Acq: 21 Jan 2020 16:40

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.6	23.6	35.4





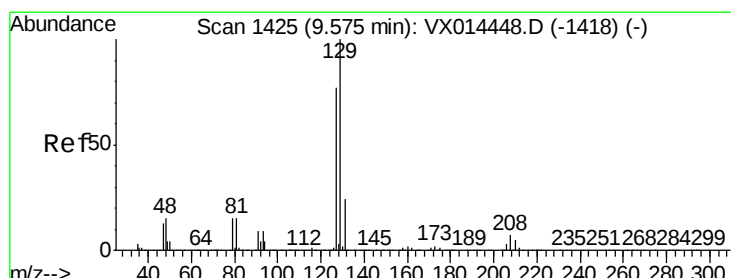
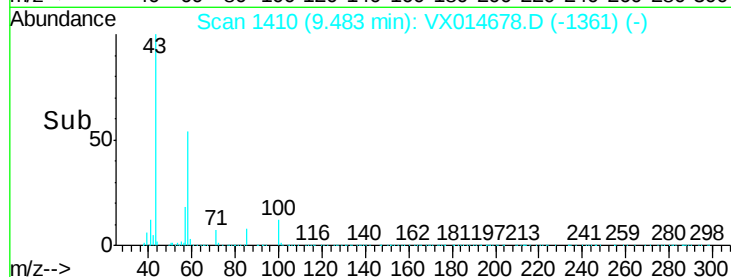
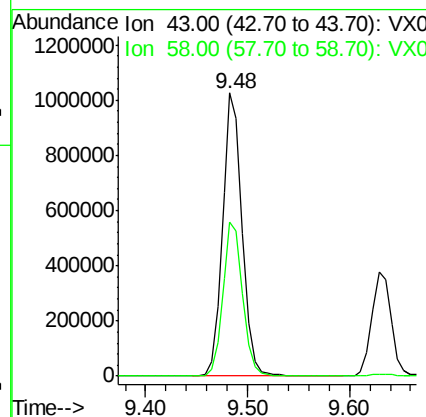
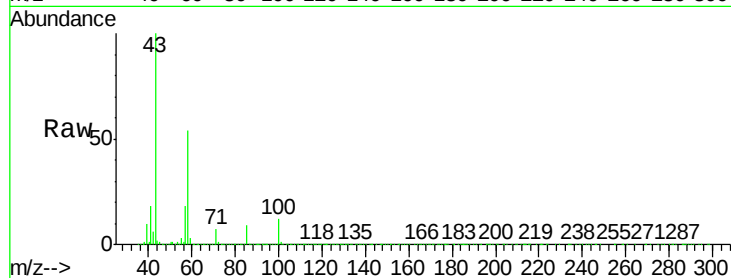
#59
2-Hexanone
Concen: 259.434 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014678.D
Acq: 21 Jan 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1371937
Ion Ratio Lower Upper
43 100
58 54.9 27.9 83.7

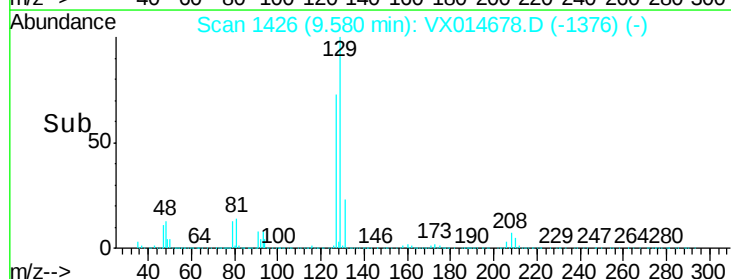
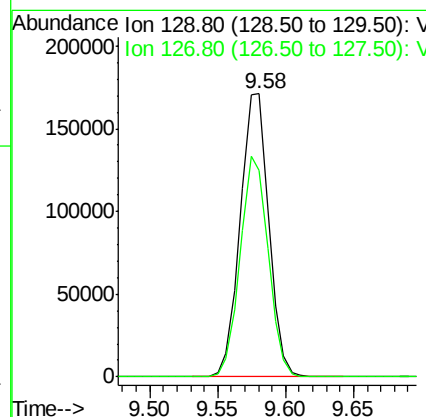
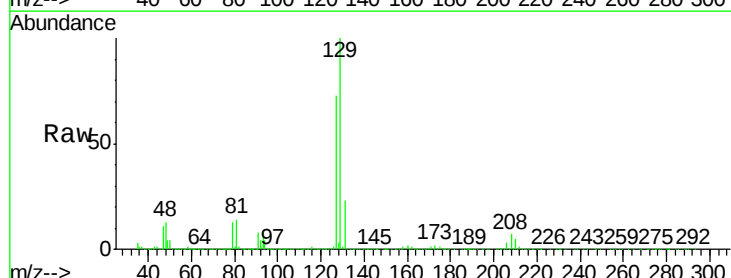
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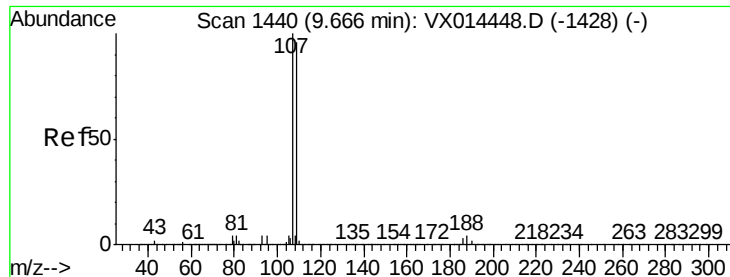
MMDadoda
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#60
Dibromochloromethane
Concen: 52.514 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX014678.D
Acq: 21 Jan 2020 16:40

Tgt Ion: 129 Resp: 251771
Ion Ratio Lower Upper
129 100
127 76.5 38.6 116.0





#61

1,2-Dibromoethane

Concen: 49.158 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014678.D

Acq: 21 Jan 2020 16:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 248383

Ion Ratio Lower Upper

107 100

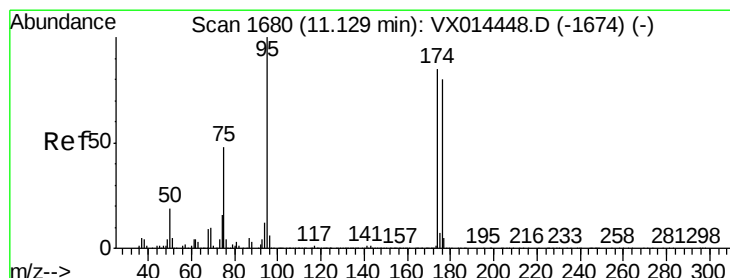
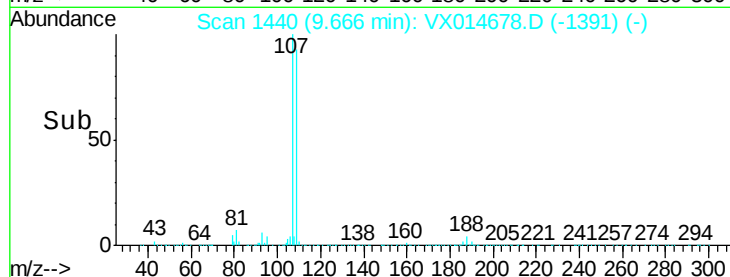
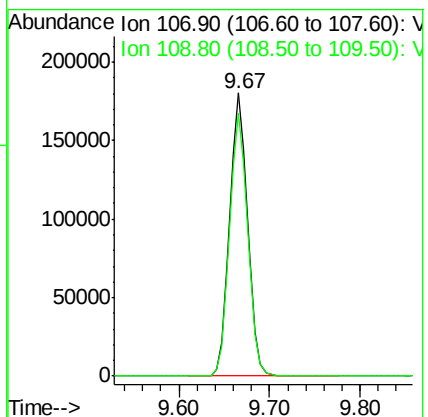
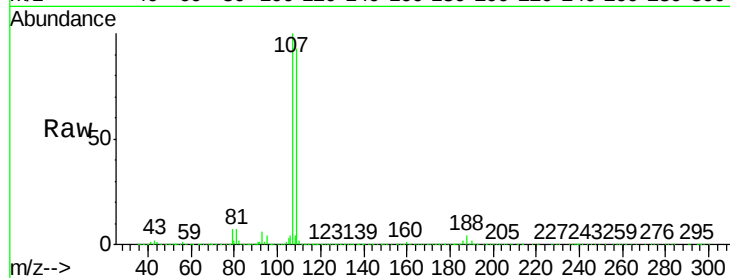
109 93.9 76.5 114.7

Manual Integrations

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1/22/2020 12:26:52 PM



#62

4-Bromofluorobenzene

Concen: 48.016 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014678.D

Acq: 21 Jan 2020 16:40

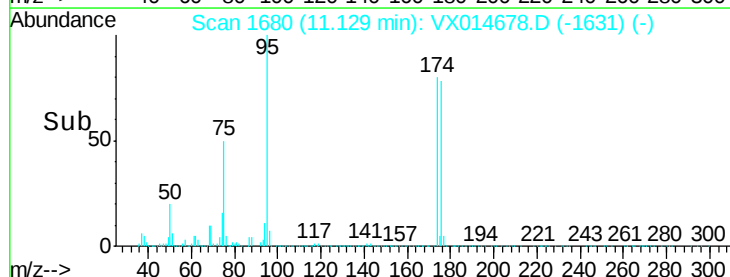
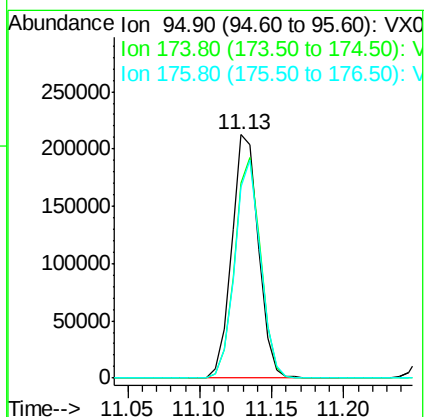
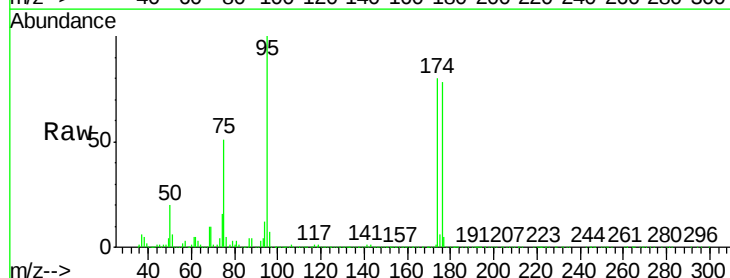
Tgt Ion: 95 Resp: 275228

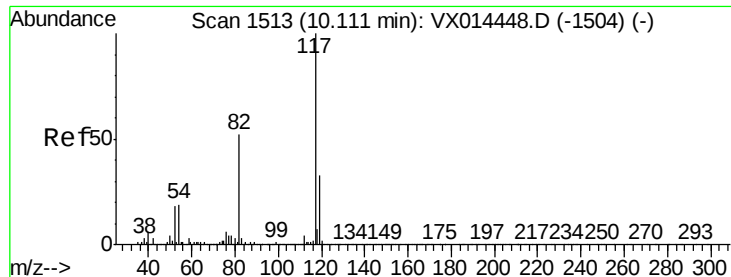
Ion Ratio Lower Upper

95 100

174 88.4 0.0 180.8

176 86.5 0.0 172.8





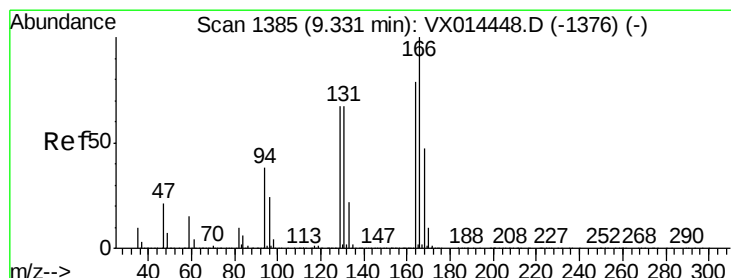
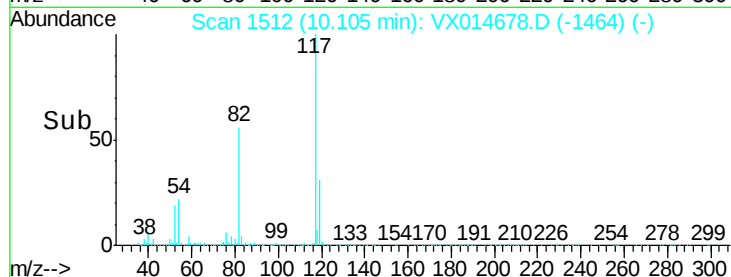
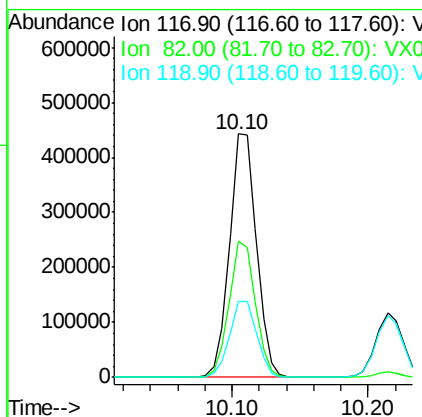
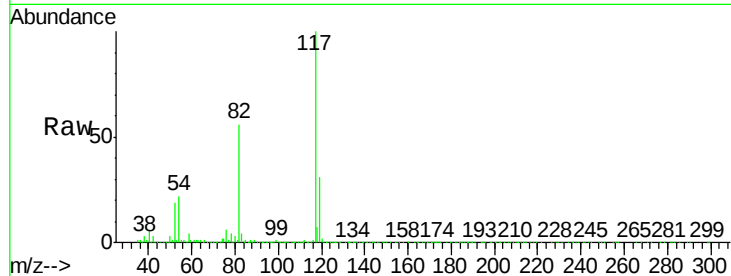
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014678.D
Acq: 21 Jan 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.9	41.8	62.6
119	31.3	26.2	39.4

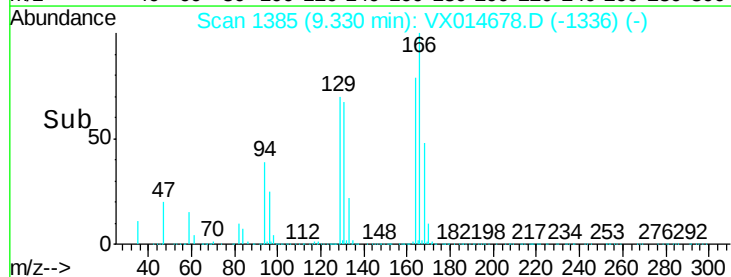
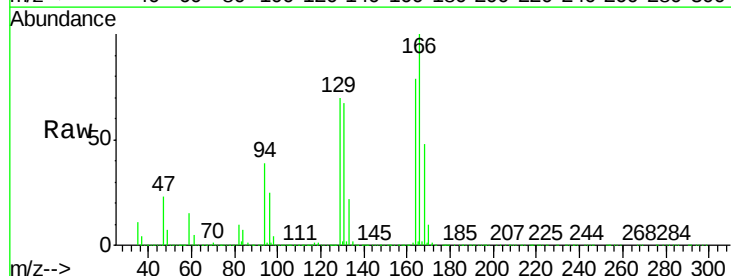
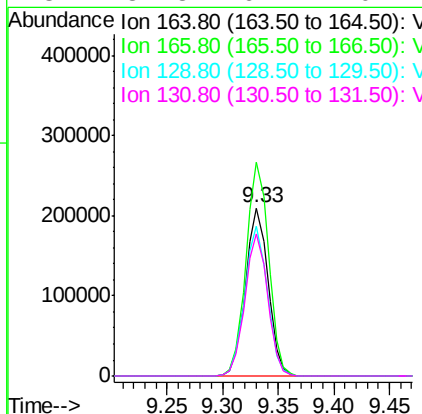
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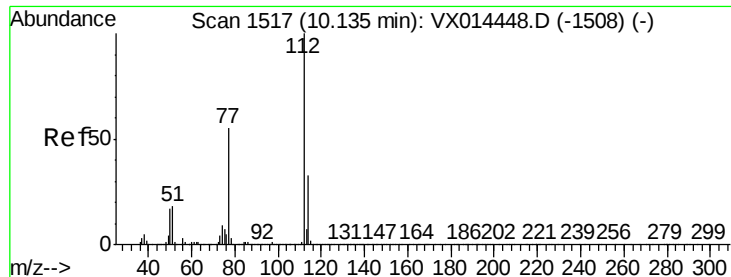
MMDadoda
1/22/2020 12:26:52 PM



#64
Tetrachloroethene
Concen: 48.282 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014678.D
Acq: 21 Jan 2020 16:40

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.0	101.2	151.8
129	89.3	68.3	102.5
131	84.8	67.4	101.2





#65

Chlorobenzene

Concen: 46.771 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX014678.D

Acq: 21 Jan 2020 16:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 620479

Ion Ratio Lower Upper

112 100

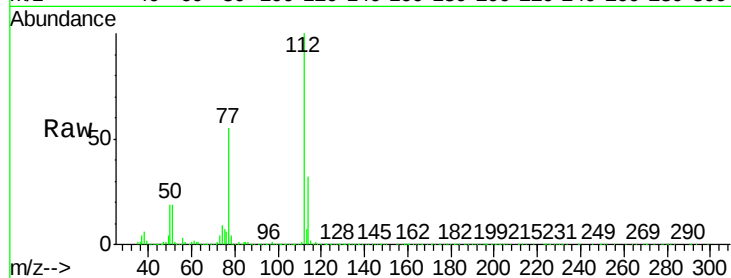
114 31.8 26.2 39.4

Manual Integrations

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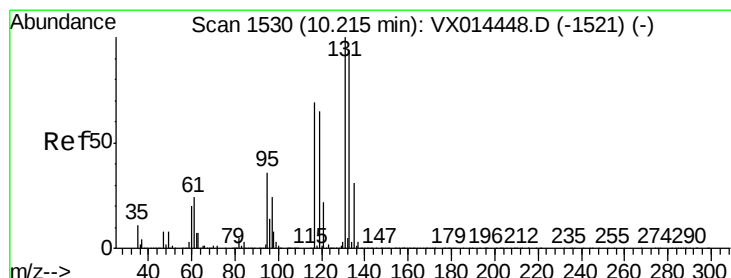
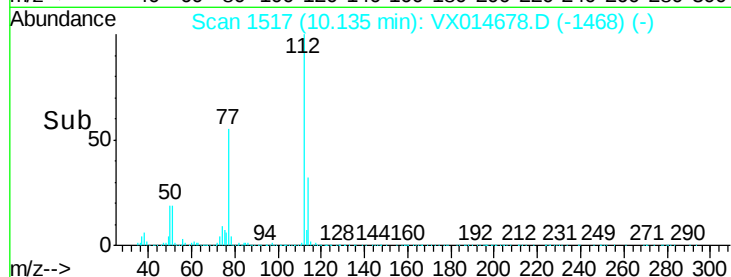
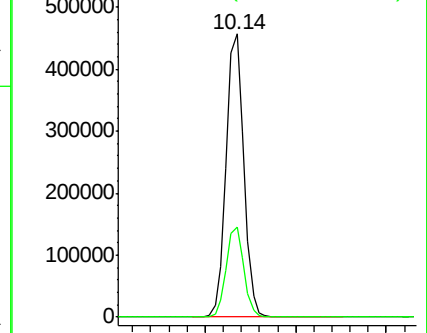
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.099 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX014678.D

Acq: 21 Jan 2020 16:40

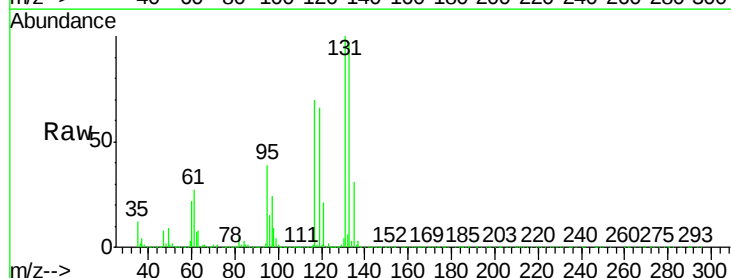
Tgt Ion:131 Resp: 232457

Ion Ratio Lower Upper

131 100

133 95.8 47.3 142.0

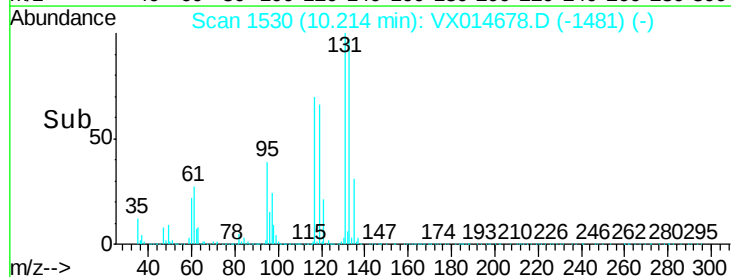
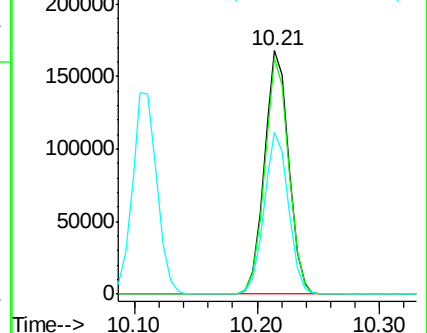
119 66.2 32.8 98.4

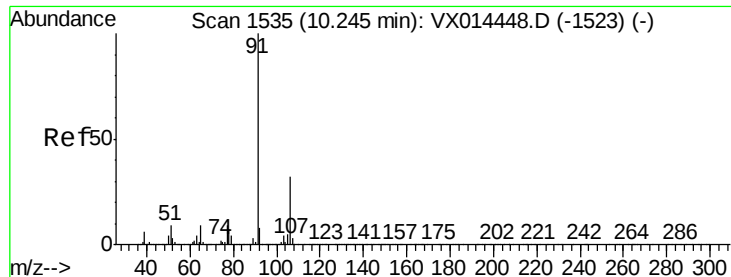


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 48.240 ug/l

RT: 10.24 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX014678.D

Acq: 21 Jan 2020 16:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1090803

Ion Ratio Lower Upper

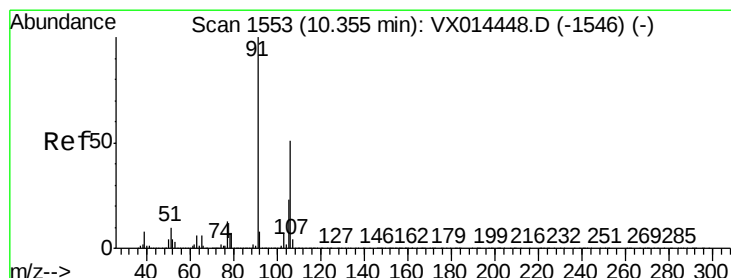
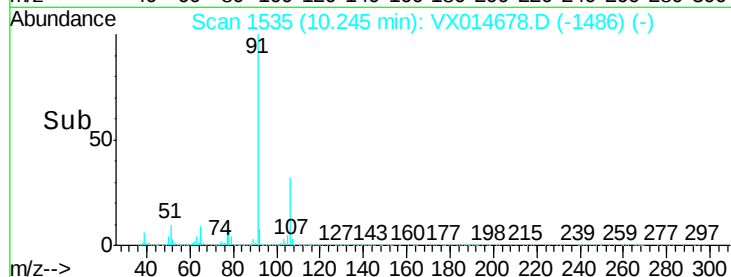
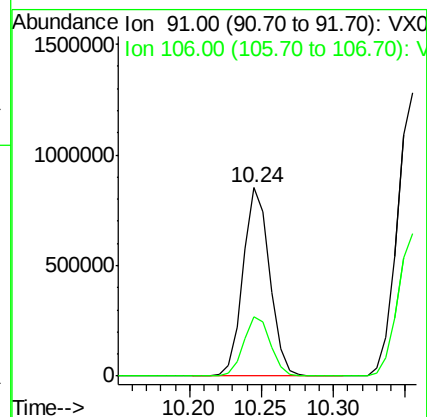
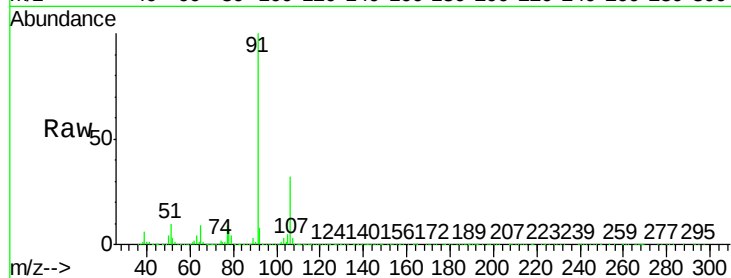
91 100

106 31.8 25.6 38.4

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#68

m/p-Xylenes

Concen: 96.061 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX014678.D

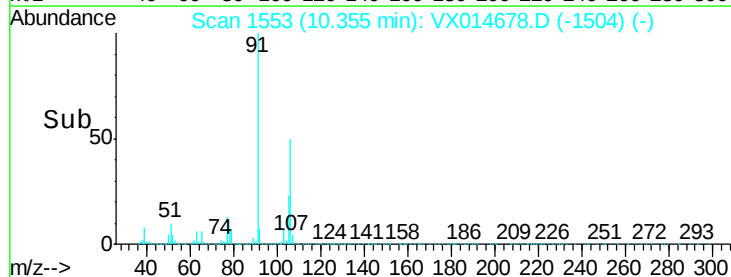
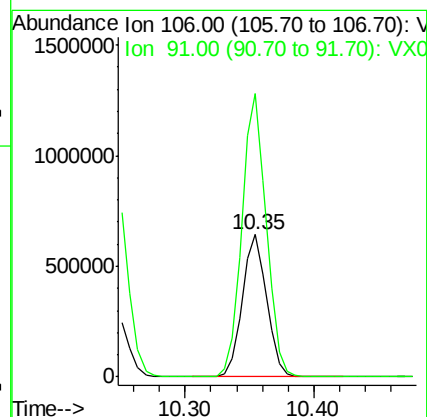
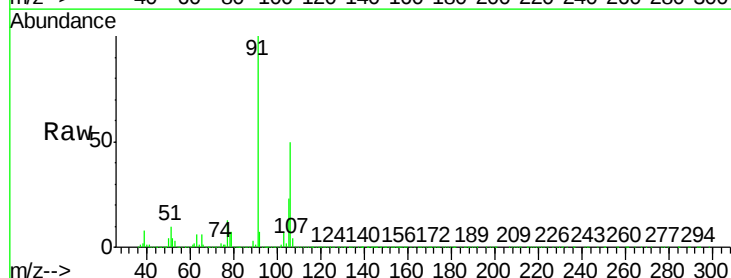
Acq: 21 Jan 2020 16:40

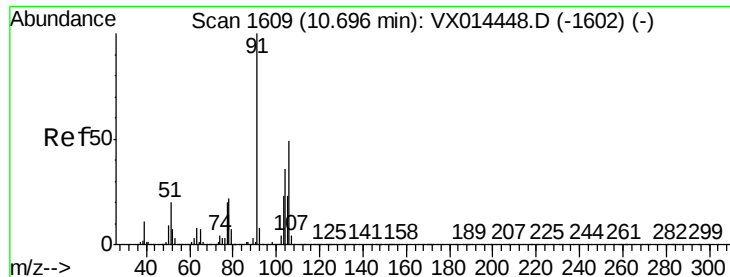
Tgt Ion: 106 Resp: 837998

Ion Ratio Lower Upper

106 100

91 199.2 157.4 236.0





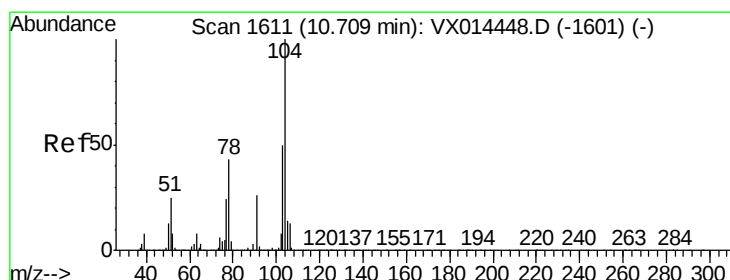
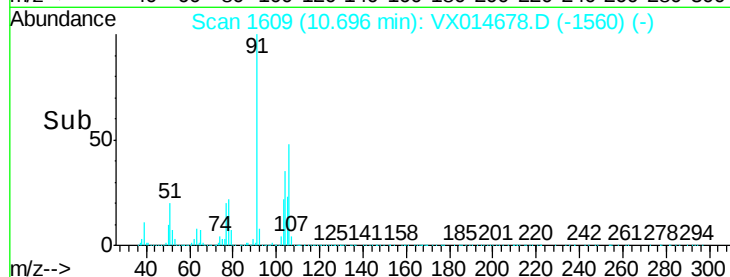
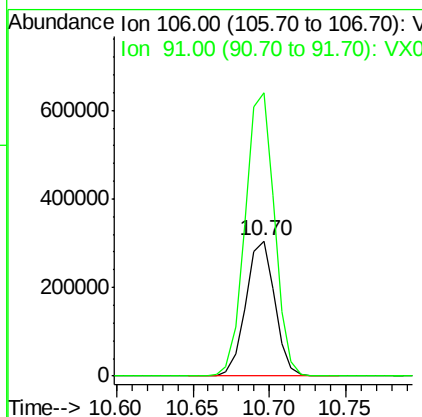
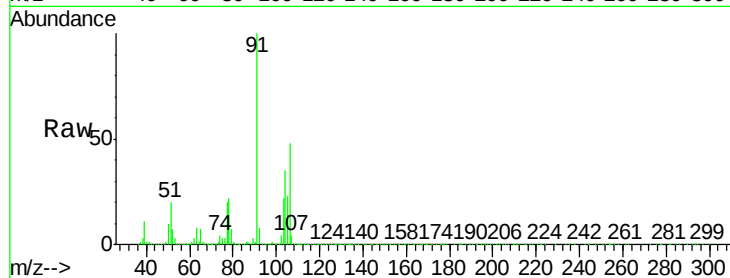
#69
o-Xylene
Concen: 48.080 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014678.D
Acq: 21 Jan 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
106	100	400185		
91	212.0	105.1	315.1	

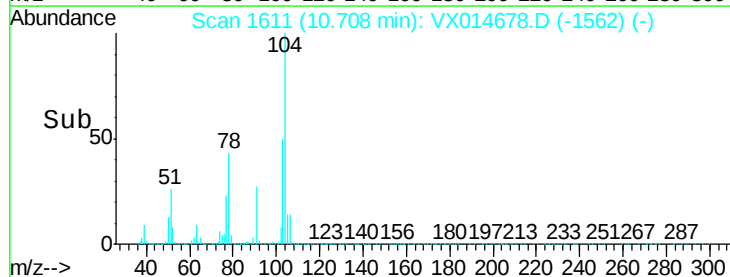
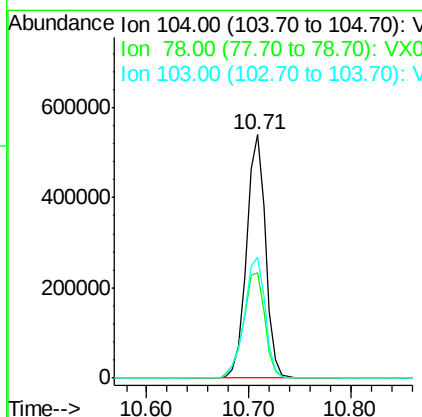
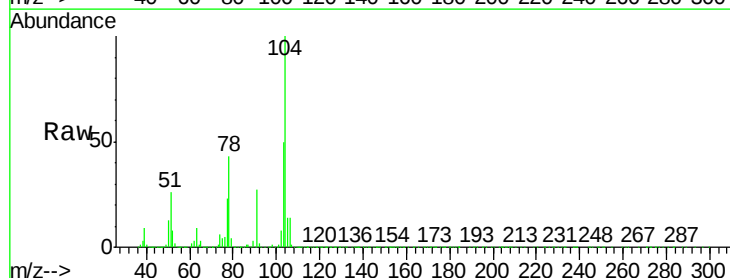
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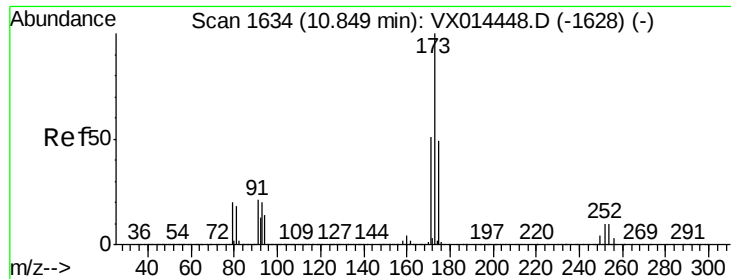
MMDadoda
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#70
Styrene
Concen: 48.447 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014678.D
Acq: 21 Jan 2020 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	695895		
78	48.8	38.6	58.0	
103	54.2	43.7	65.5	





#71

Bromoform

Concen: 49.368 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VX014678.D

Acq: 21 Jan 2020 16:40

Instrument :

MSVOA_X

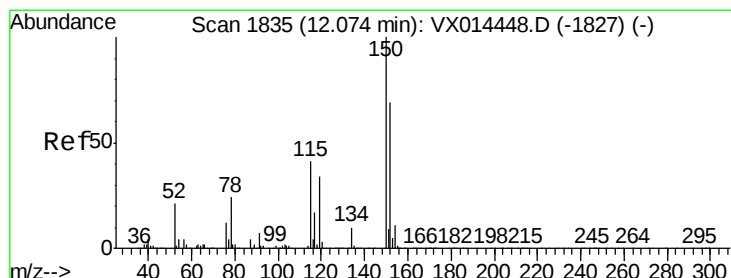
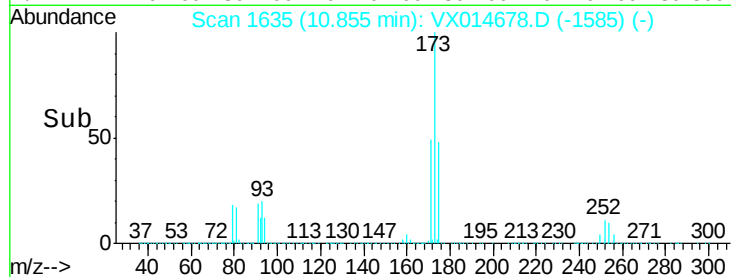
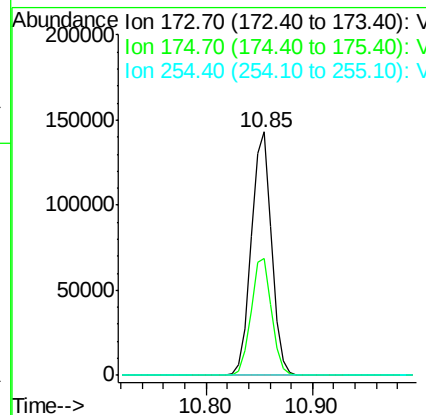
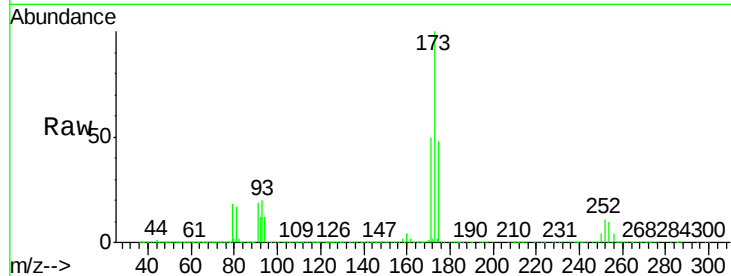
ClientSampleId :

VSTDCCC050EC

Tot Ion:	173	Resp:	191230
Ion Ratio	Lower	Upper	
173	100		
175	48.5	24.3	72.8
254	0.3	0.2	0.2#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

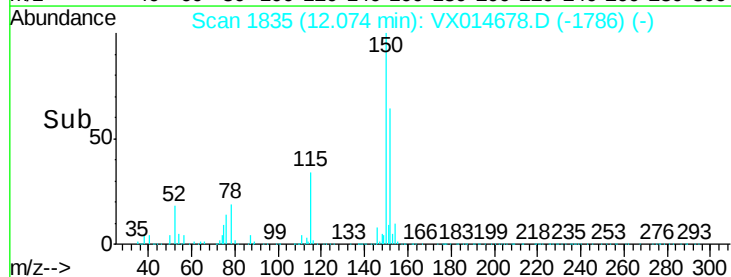
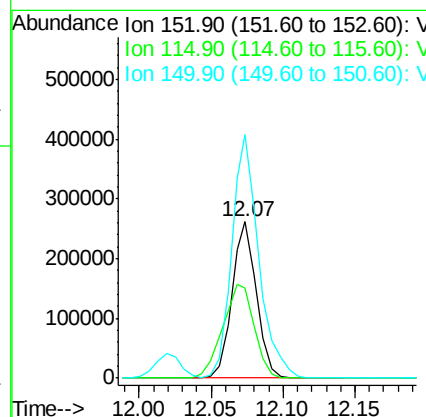
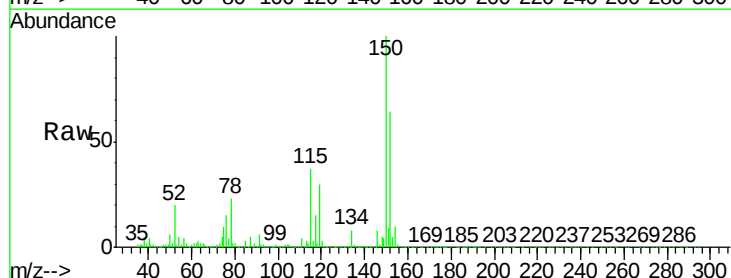
RT: 12.07 min Scan# 1835

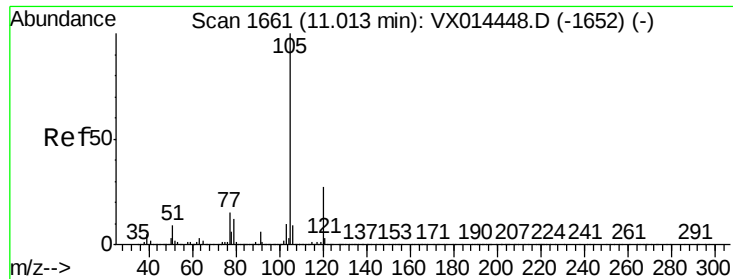
Delta R.T. -0.00 min

Lab File: VX014678.D

Acq: 21 Jan 2020 16:40

Tgt Ion:	152	Resp:	309495
Ion Ratio	Lower	Upper	
152	100		
115	77.8	39.5	118.3
150	172.9	0.0	350.2





#73

Isopropylbenzene

Concen: 49.848 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014678.D

Acq: 21 Jan 2020 16:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1083360

Ion Ratio Lower Upper

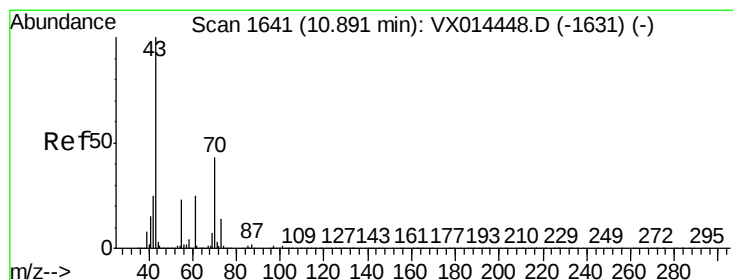
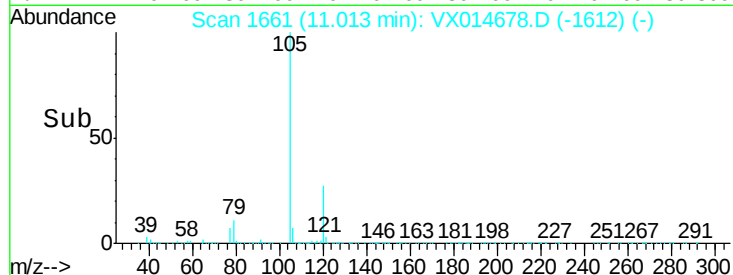
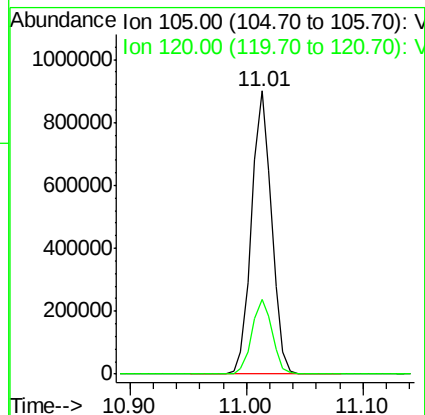
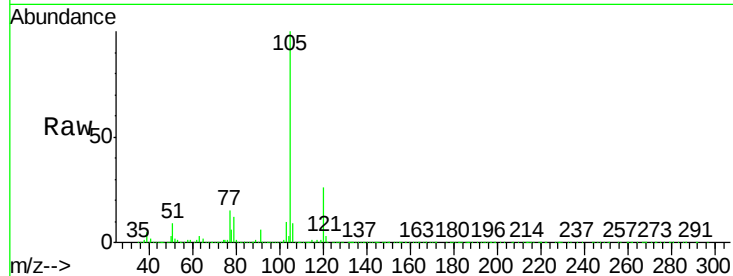
105 100

120 26.7 13.4 40.2

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#74

N-ethyl acetate

Concen: 50.604 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014678.D

Acq: 21 Jan 2020 16:40

Tgt Ion: 43 Resp: 485214

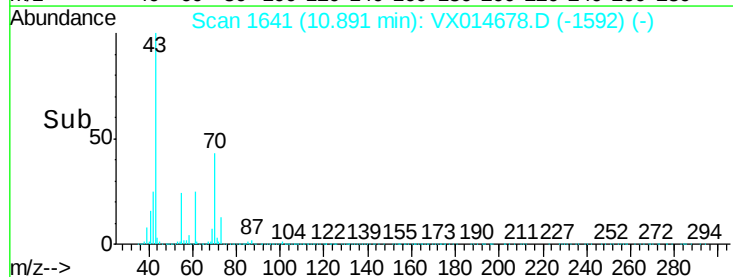
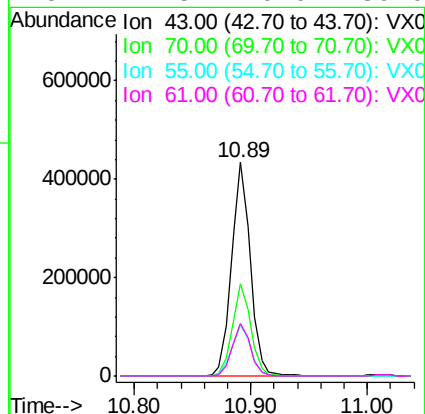
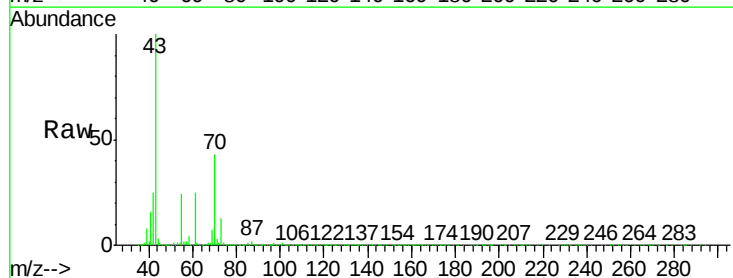
Ion Ratio Lower Upper

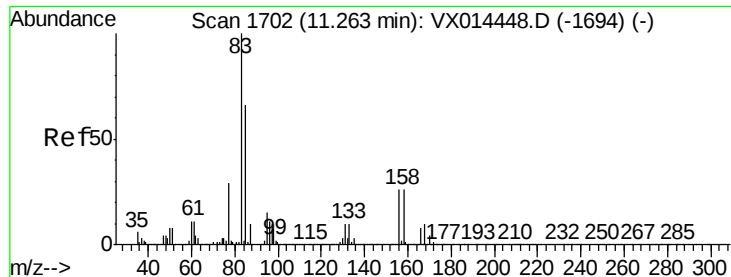
43 100

70 42.7 35.1 52.7

55 24.3 19.3 28.9

61 24.5 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.579 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014678.D

Acq: 21 Jan 2020 16:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 352520

Ion Ratio Lower Upper

83 100

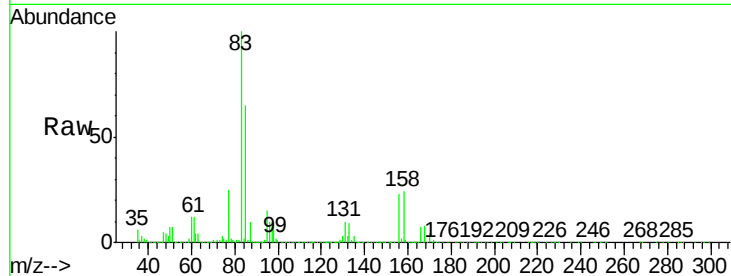
131 10.0 5.1 15.4

85 64.2 32.5 97.4

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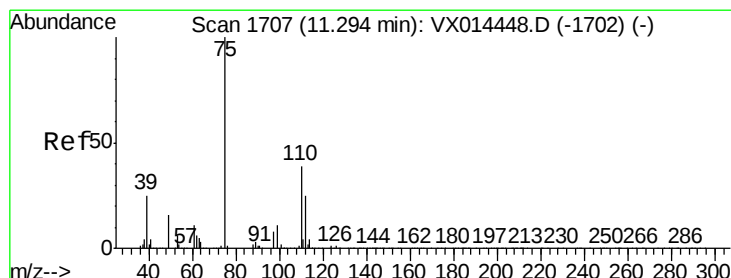
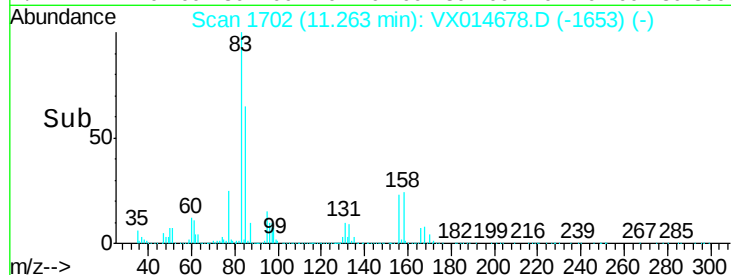
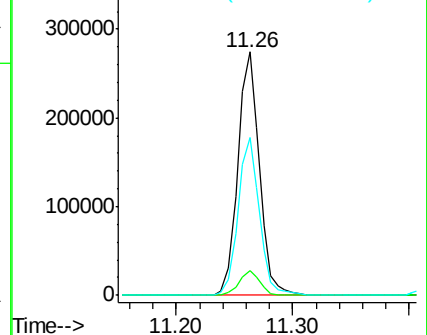
1/22/2020 12:26:52 PM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 46.700 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014678.D

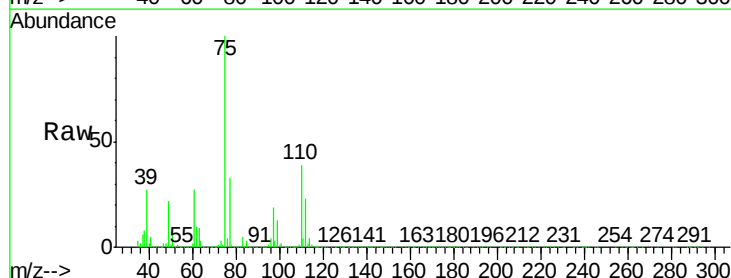
Acq: 21 Jan 2020 16:40

Tgt Ion: 75 Resp: 299047

Ion Ratio Lower Upper

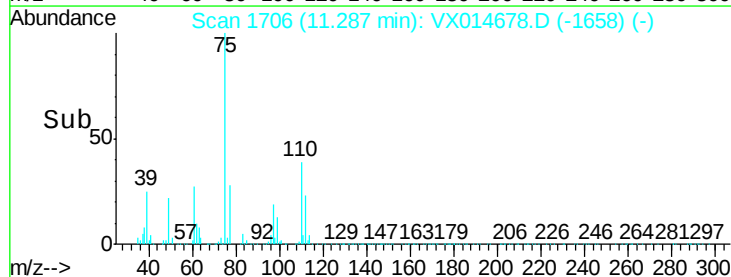
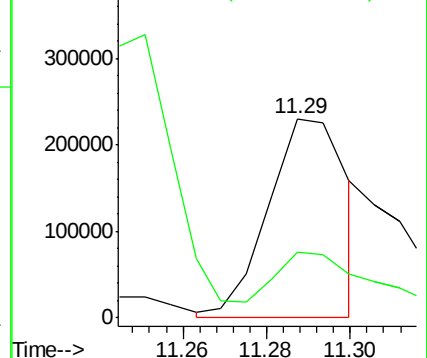
75 100

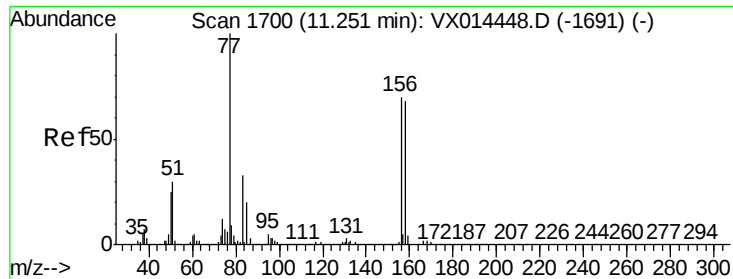
77 43.0 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.202 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014678.D

Acq: 21 Jan 2020 16:40

Instrument :

MSVOA_X

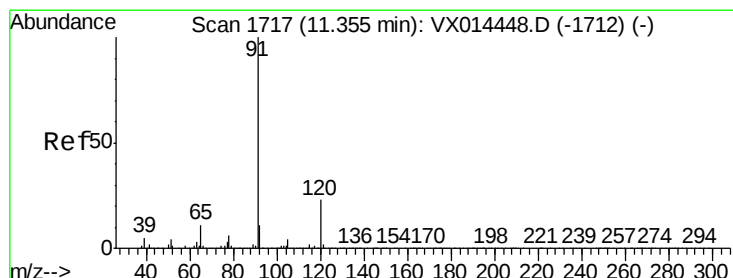
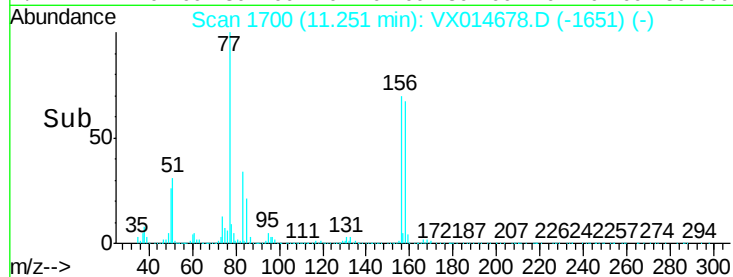
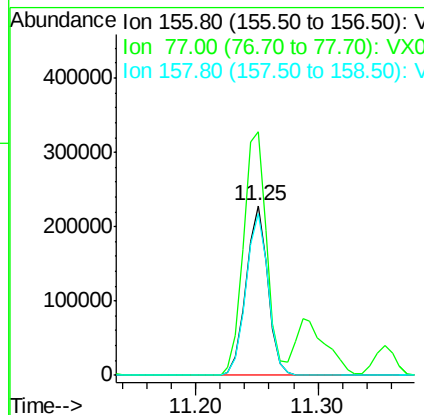
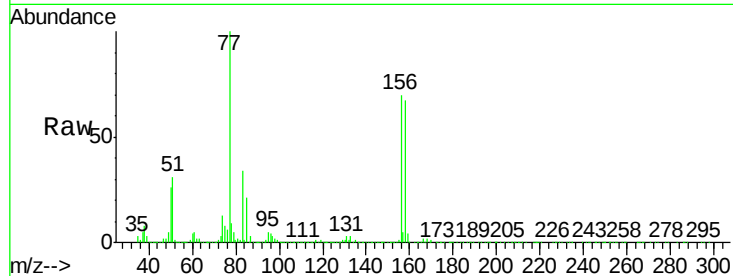
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	278464
Ion Ratio	Lower	Upper	
156	100		
77	154.9	75.4	226.3
158	97.9	48.8	146.3

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#78

n-propylbenzene

Concen: 49.321 ug/l

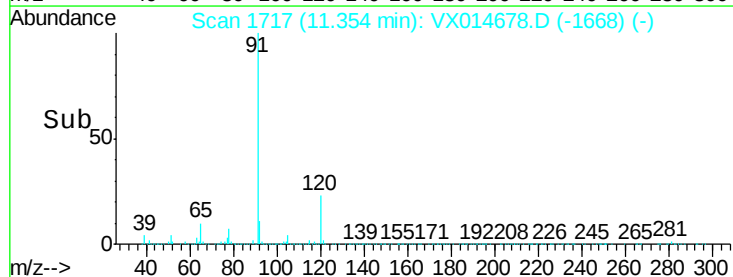
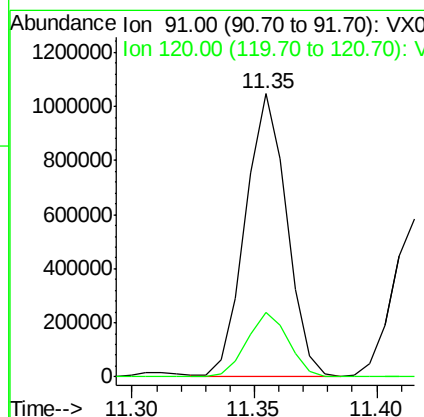
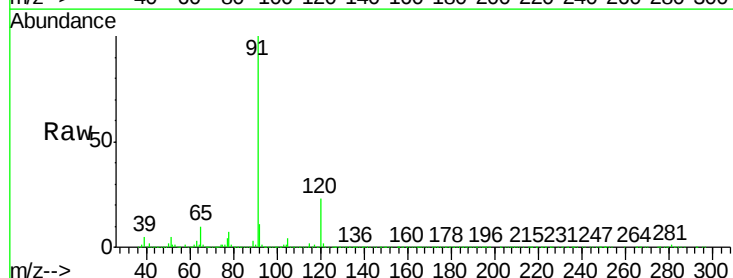
RT: 11.35 min Scan# 1717

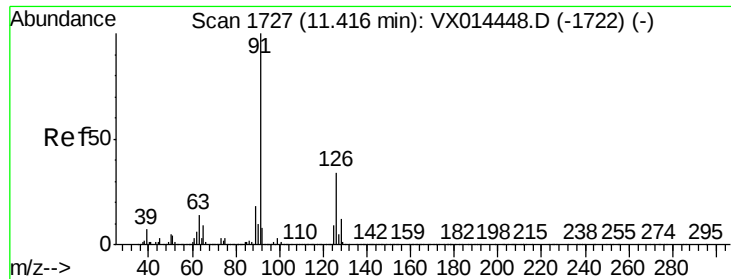
Delta R.T. -0.00 min

Lab File: VX014678.D

Acq: 21 Jan 2020 16:40

Tgt Ion:	91	Resp:	1227606
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.9	35.5





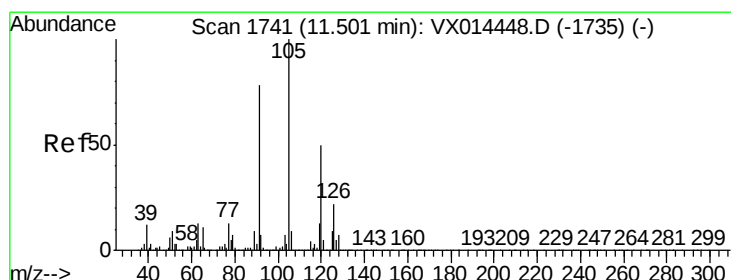
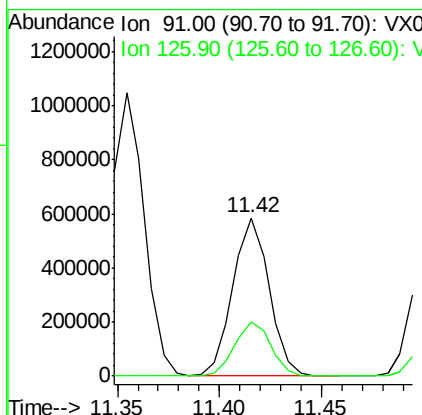
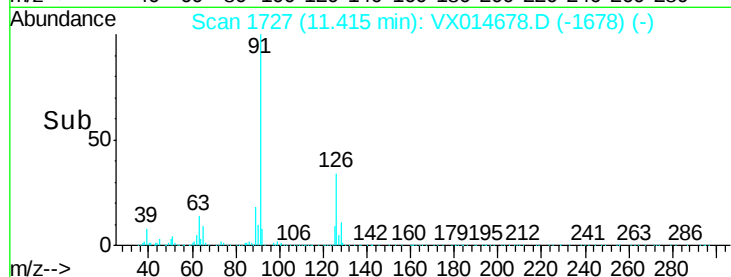
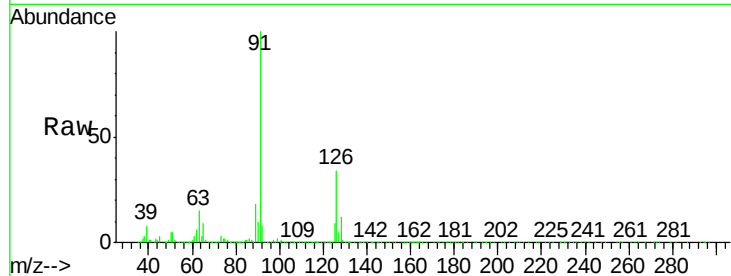
#79
 2-Chlorotoluene
 Concen: 48.606 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX014678.D
 Acq: 21 Jan 2020 16:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 721027
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.5 52.5

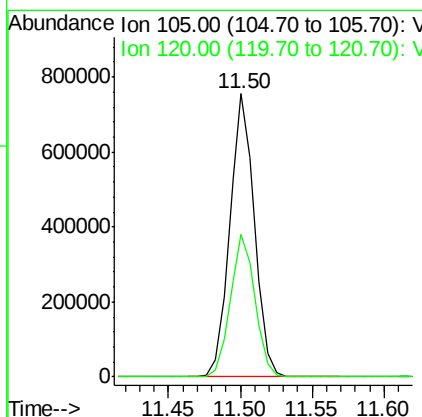
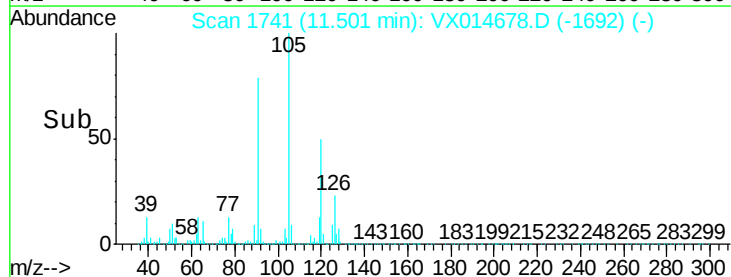
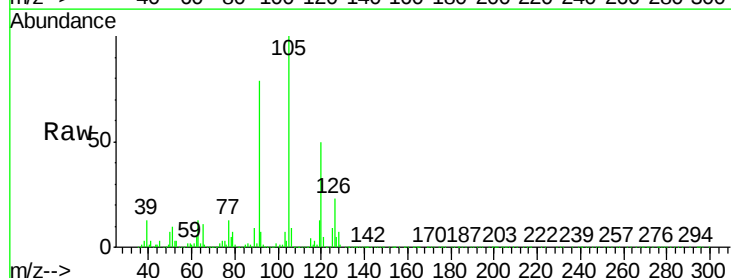
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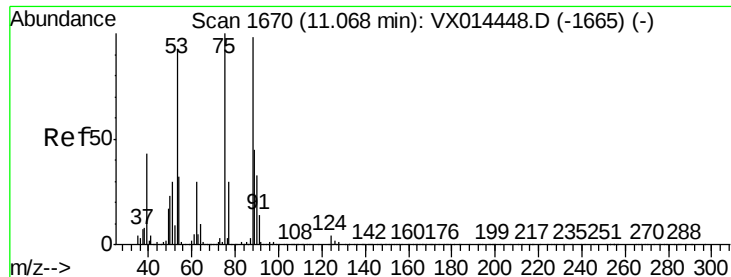
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#80
 1,3,5-Trimethylbenzene
 Concen: 49.922 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX014678.D
 Acq: 21 Jan 2020 16:40

Tgt Ion: 105 Resp: 900772
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.2 75.6





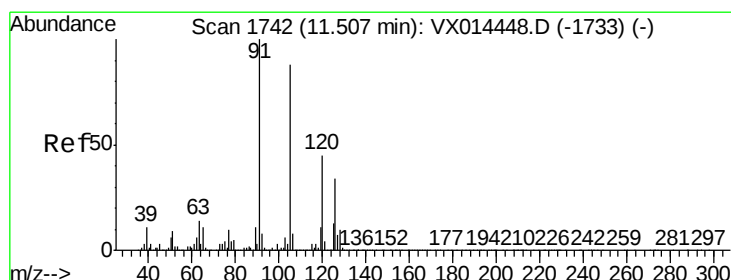
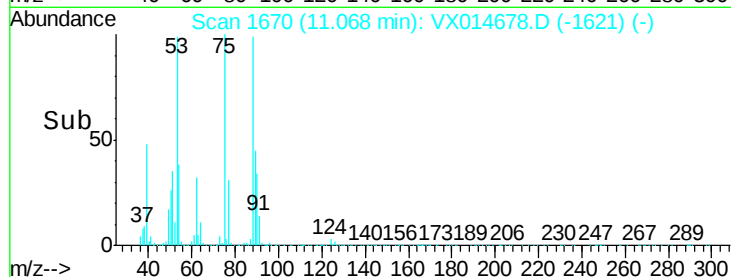
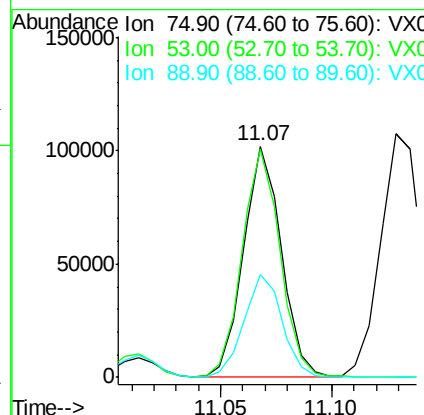
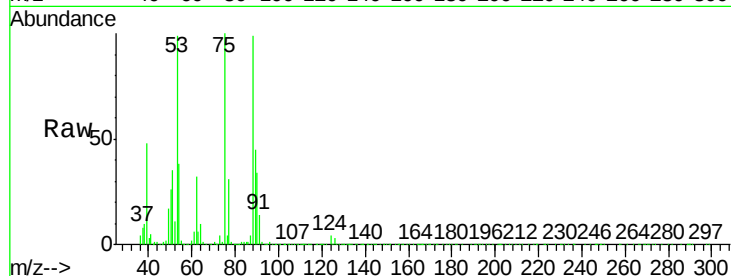
#81
trans-1,4-Dichloro-2-butene
Concen: 49.725 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX014678.D
Acq: 21 Jan 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.6	74.8	112.2
89	45.5	36.3	54.5

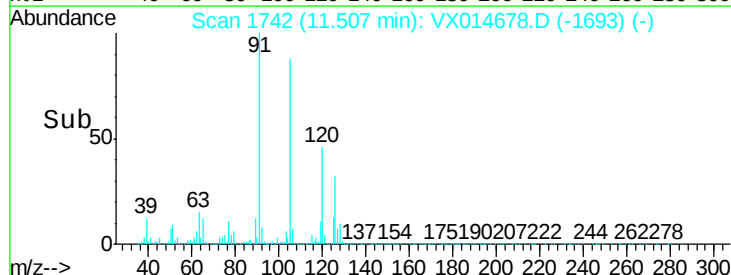
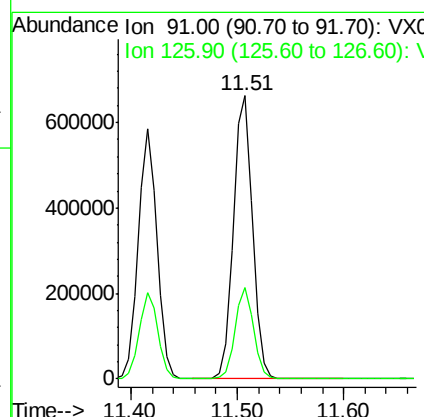
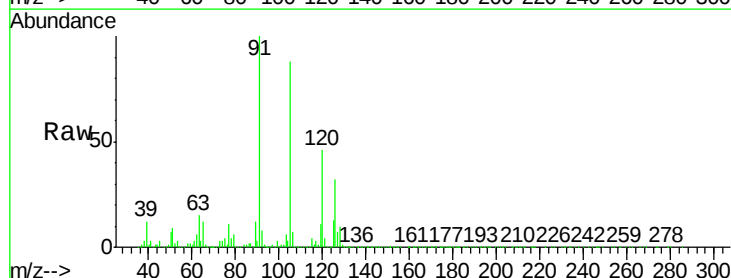
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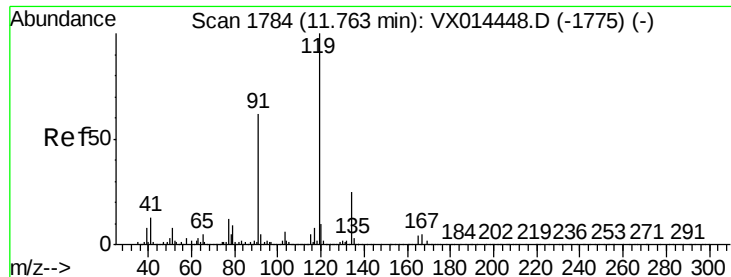
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#82
4-Chlorotoluene
Concen: 47.815 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX014678.D
Acq: 21 Jan 2020 16:40

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.9	47.7





#83

tert-Butylbenzene

Concen: 48.472 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX014678.D

Acq: 21 Jan 2020 16:40

Instrument :

MSVOA_X

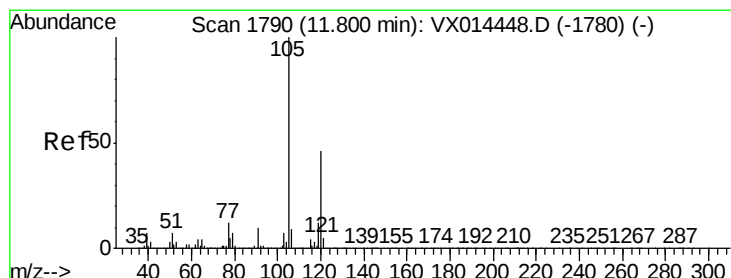
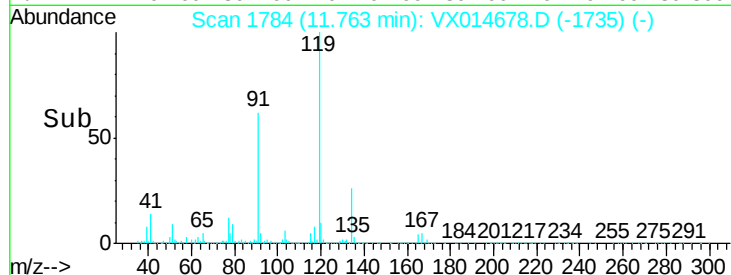
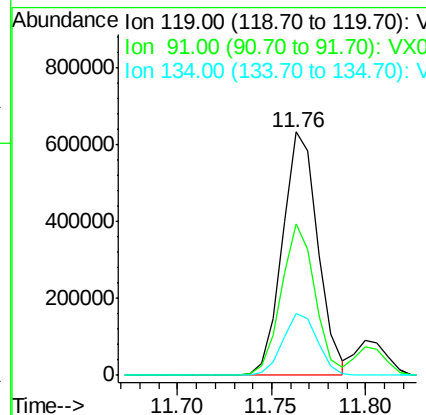
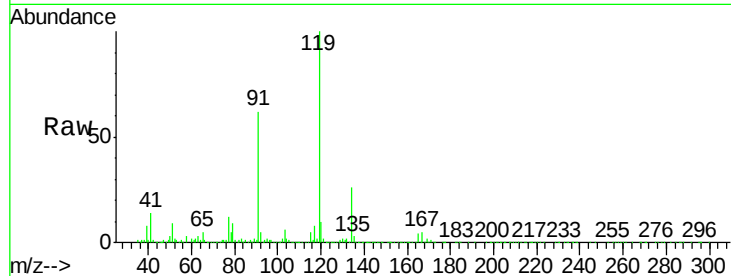
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	826396
Ion Ratio	Lower	Upper	
119	100		
91	59.1	29.3	88.0
134	25.1	12.4	37.4

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#84

1,2,4-Trimethylbenzene

Concen: 49.726 ug/l

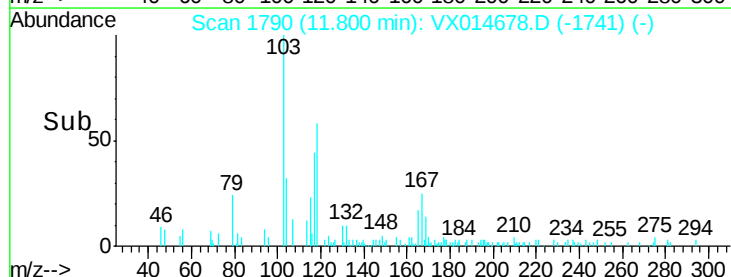
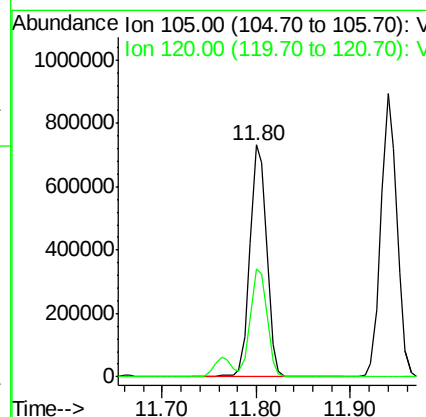
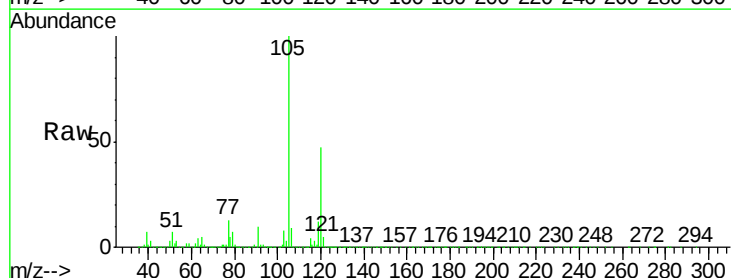
RT: 11.80 min Scan# 1790

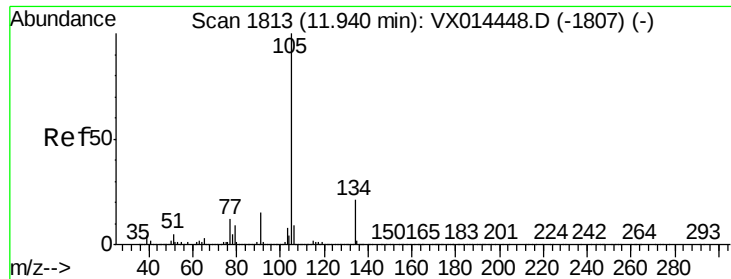
Delta R.T. -0.00 min

Lab File: VX014678.D

Acq: 21 Jan 2020 16:40

Tgt Ion:	105	Resp:	906622
Ion Ratio	Lower	Upper	
105	100		
120	46.1	23.1	69.3





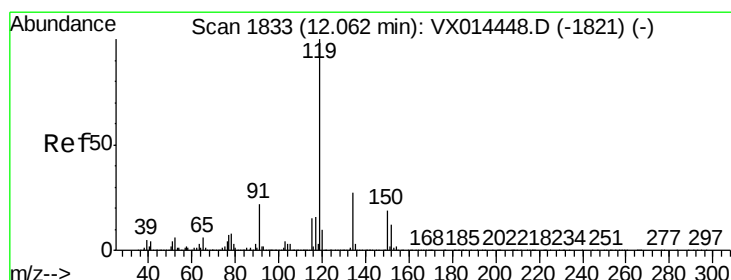
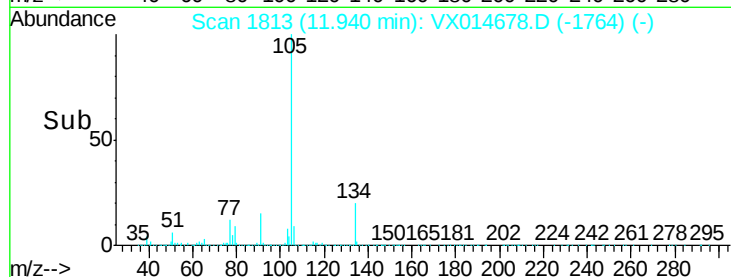
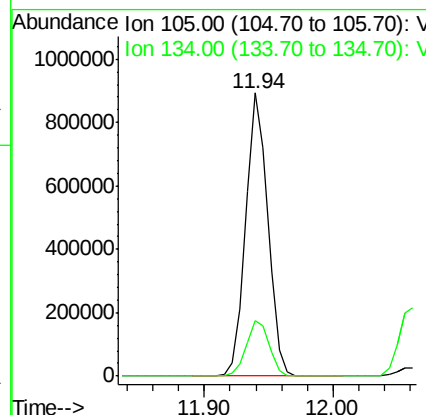
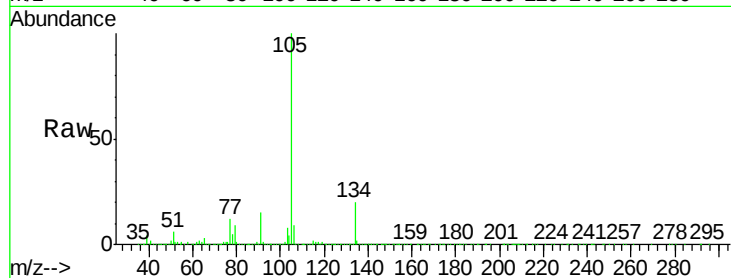
#85
 sec-Butylbenzene
 Concen: 49.787 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX014678.D
 Acq: 21 Jan 2020 16:40

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Tot Ion:105 Resp: 1055189
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.5 31.5

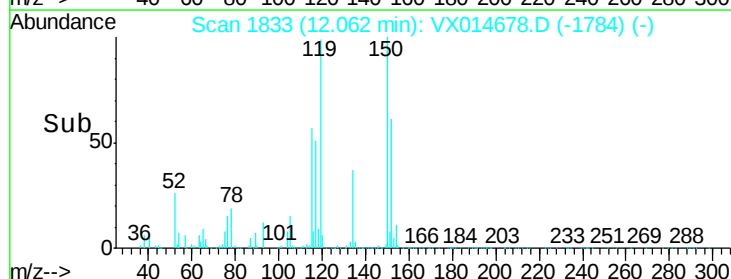
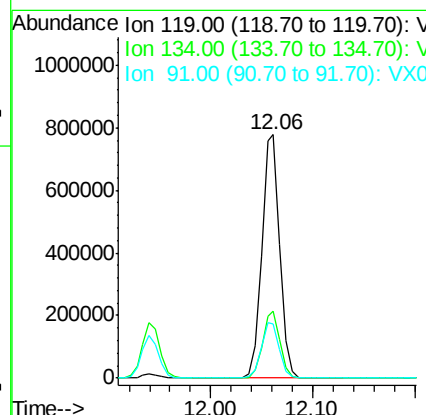
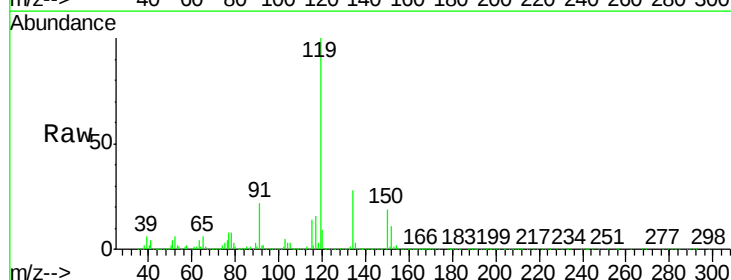
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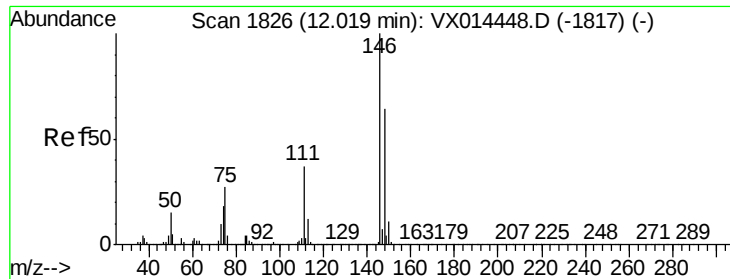
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#86
 p-Isopropyltoluene
 Concen: 48.865 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX014678.D
 Acq: 21 Jan 2020 16:40

Tgt Ion:119 Resp: 961035
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.5 40.4
 91 22.8 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 45.753 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX014678.D

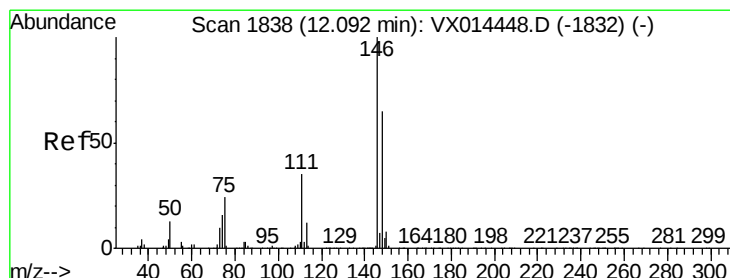
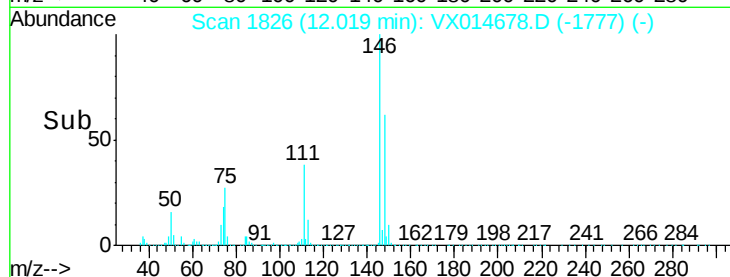
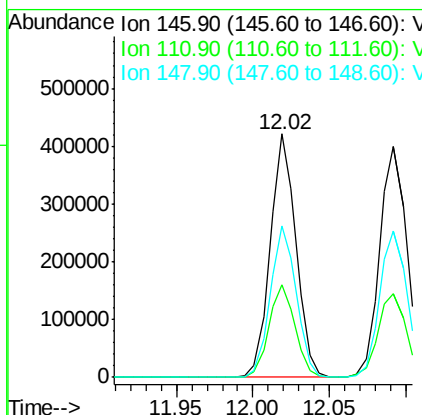
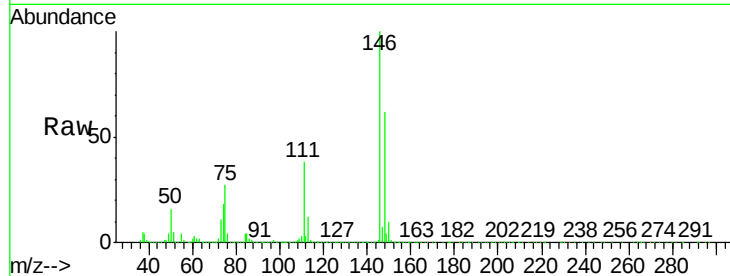
Acq: 21 Jan 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.9	56.7
148	63.2	32.2	96.6

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 48.361 ug/l

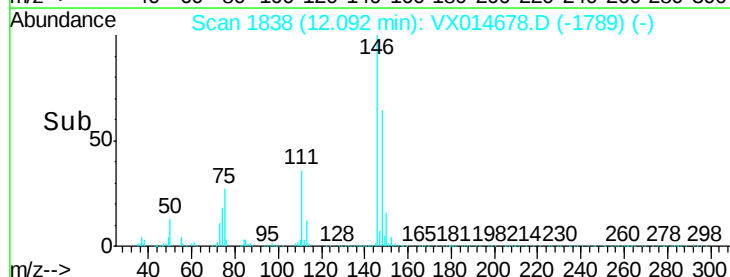
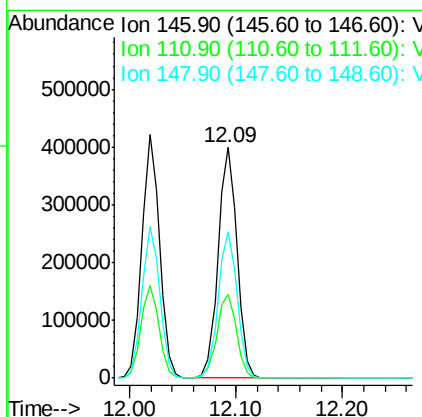
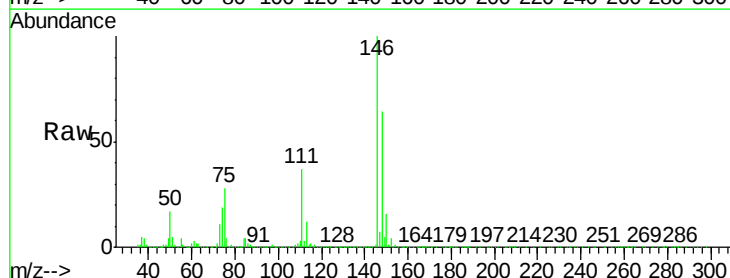
RT: 12.09 min Scan# 1838

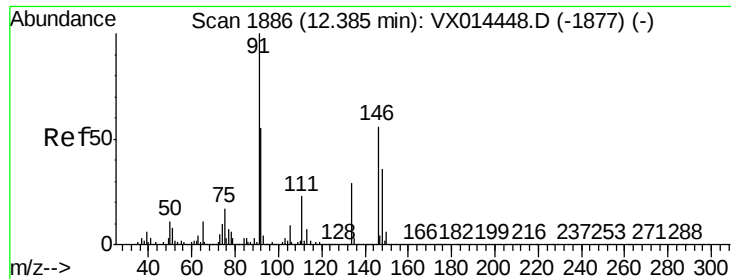
Delta R.T. 0.00 min

Lab File: VX014678.D

Acq: 21 Jan 2020 16:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.1	54.1
148	64.0	32.1	96.3





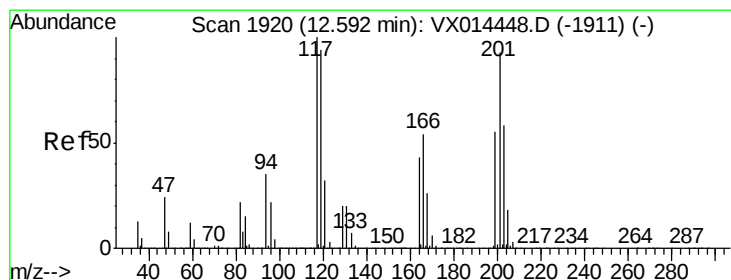
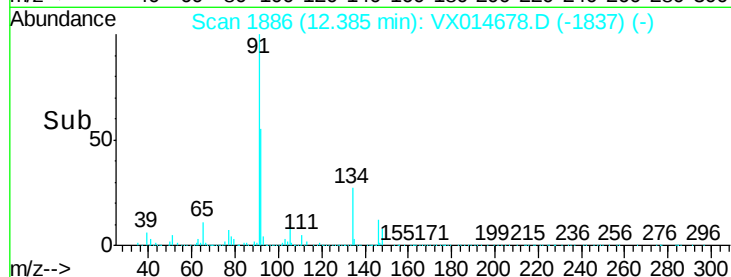
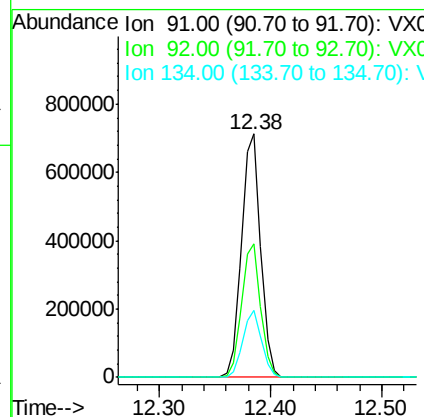
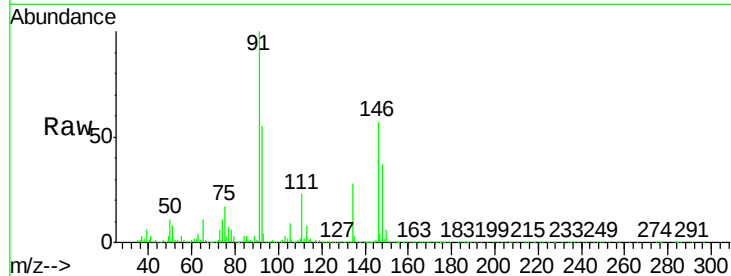
#89
n-Butylbenzene
Concen: 47.009 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014678.D
Acq: 21 Jan 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.4	82.2
134	26.8	13.9	41.7

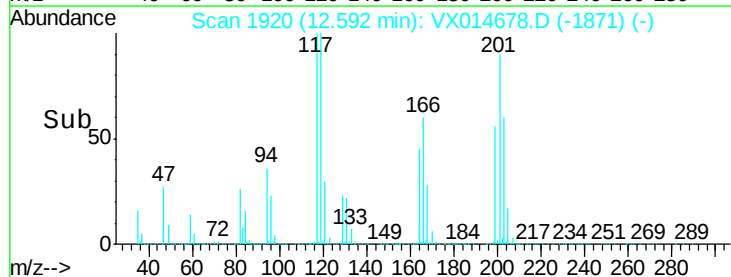
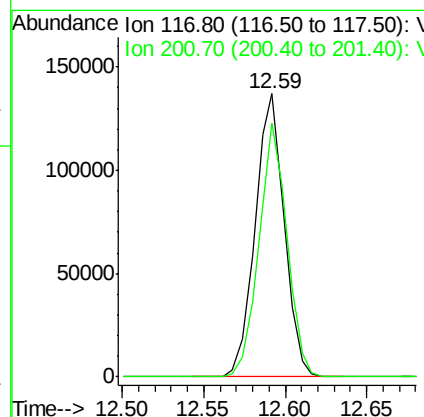
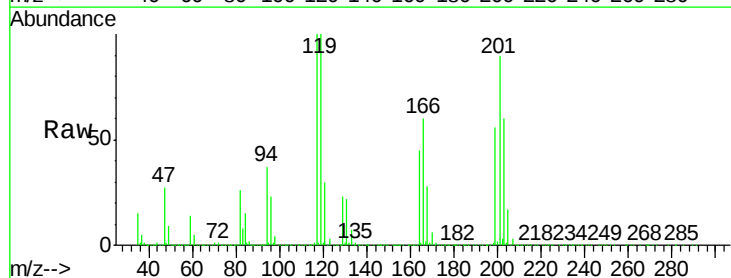
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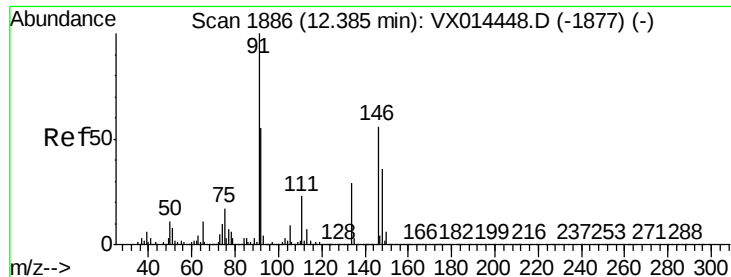
MMDadoda
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#90
Hexachloroethane
Concen: 49.014 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014678.D
Acq: 21 Jan 2020 16:40

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.2	44.8	134.3





#91

1,2-Dichlorobenzene

Concen: 47.438 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014678.D

Acq: 21 Jan 2020 16:40

Instrument :

MSVOA_X

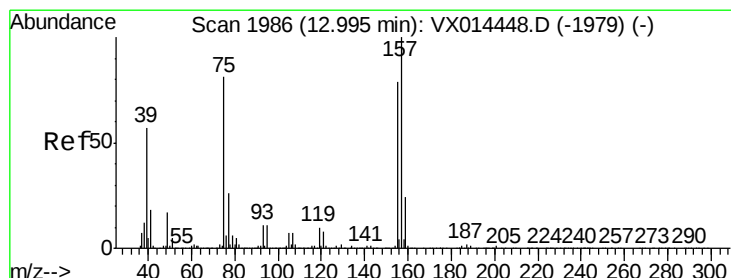
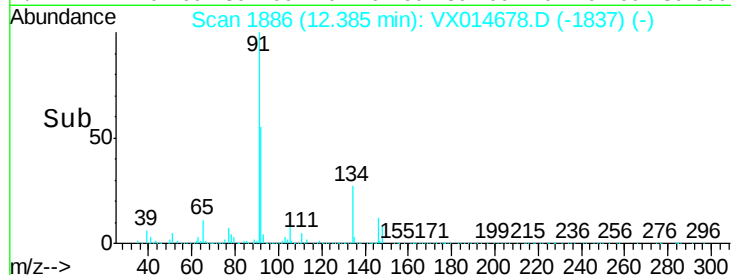
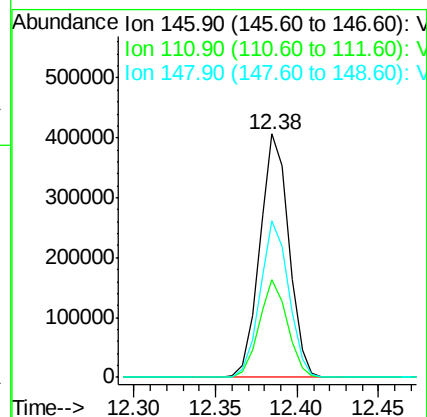
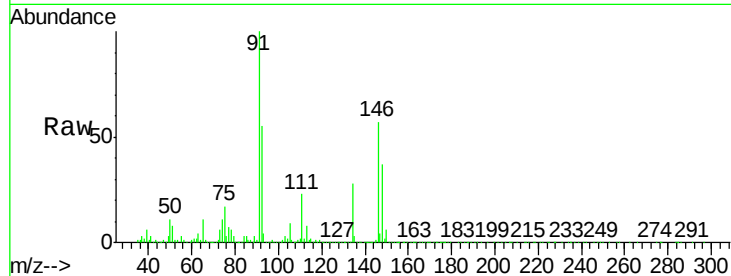
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	502728
Ion Ratio	Lower	Upper	
146	100		
111	39.3	19.8	59.4
148	63.6	32.3	96.8

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 48.995 ug/l

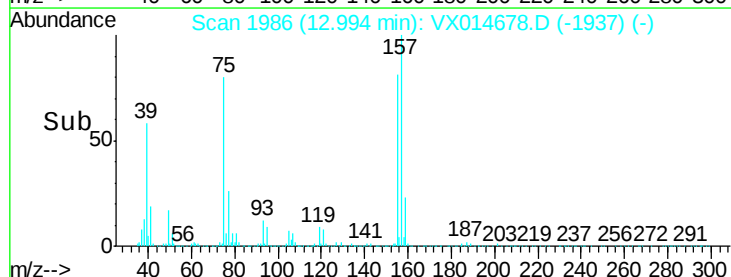
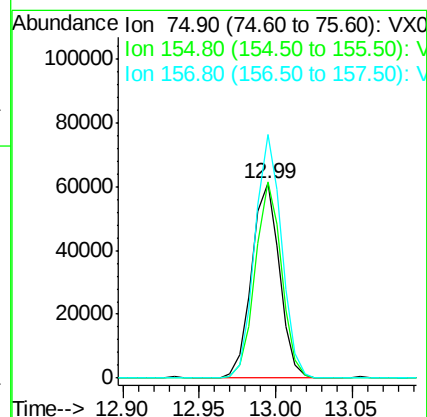
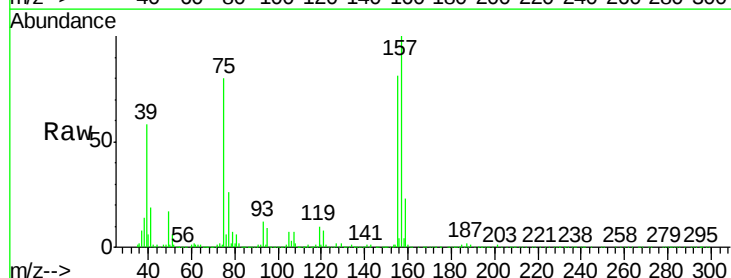
RT: 12.99 min Scan# 1886

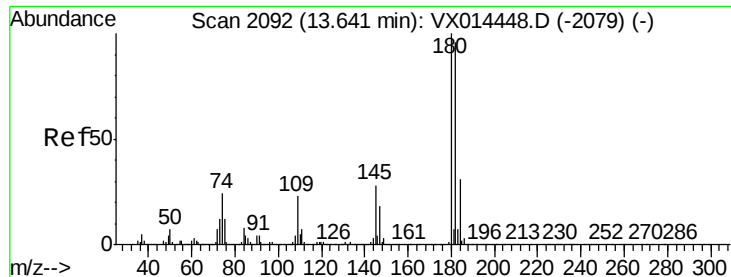
Delta R.T. -0.00 min

Lab File: VX014678.D

Acq: 21 Jan 2020 16:40

Tgt Ion:	75	Resp:	76813
Ion Ratio	Lower	Upper	
75	100		
155	95.6	48.7	146.1
157	121.2	62.0	185.9





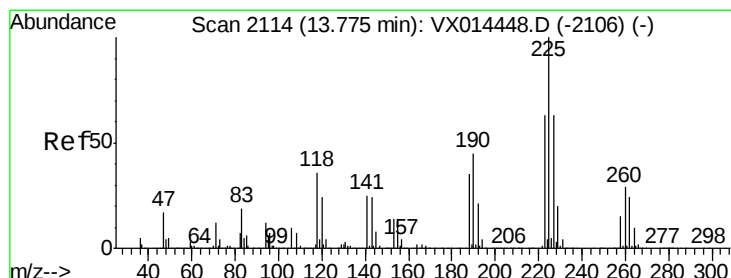
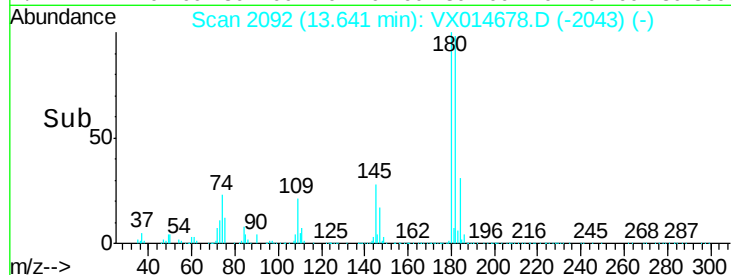
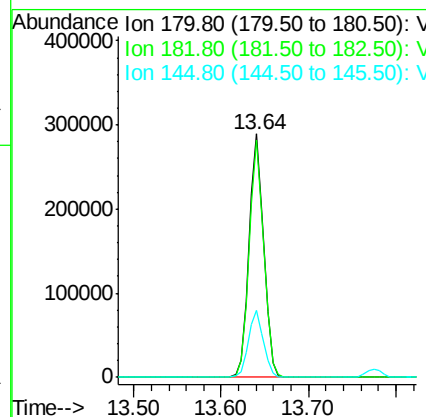
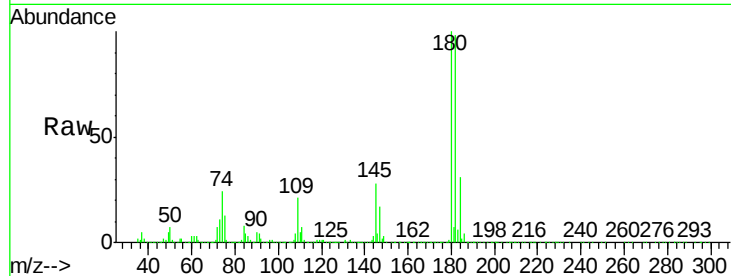
#93
1,2,4-Trichlorobenzene
Concen: 45.453 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014678.D
Acq: 21 Jan 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	338144		
182	96.7	47.5	142.5	
145	28.1	13.9	41.6	

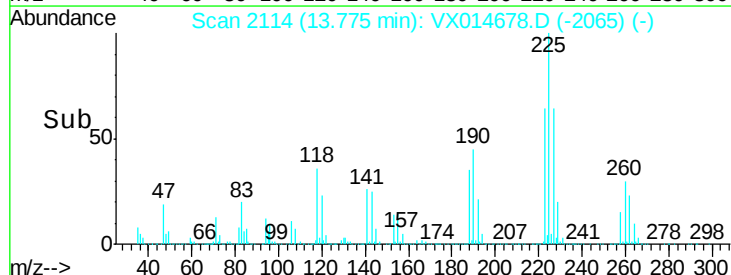
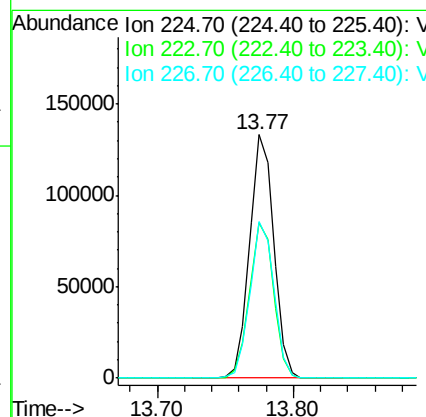
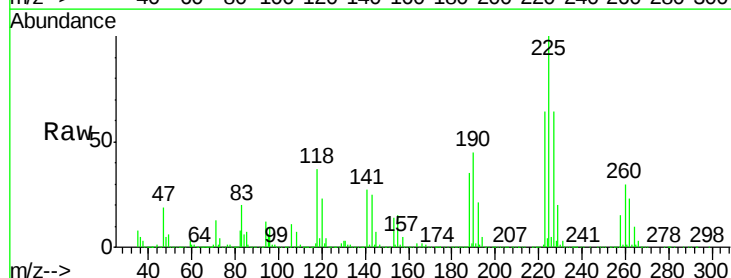
Manual Integrations
APPROVED

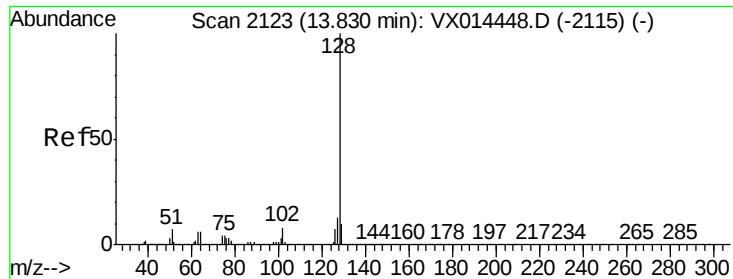
MMDadoda
1/22/2020 12:26:52 PM



#94
Hexachlorobutadiene
Concen: 47.660 ug/l
RT: 13.77 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX014678.D
Acq: 21 Jan 2020 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	166013		
223	63.9	31.1	93.2	
227	64.0	31.4	94.2	





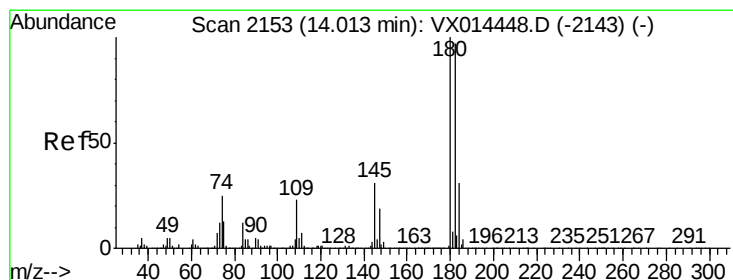
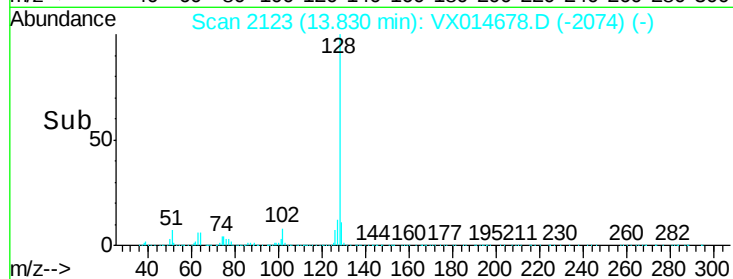
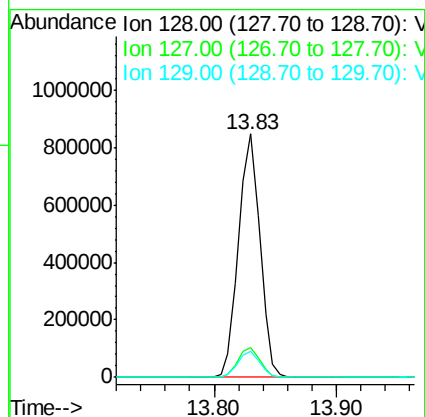
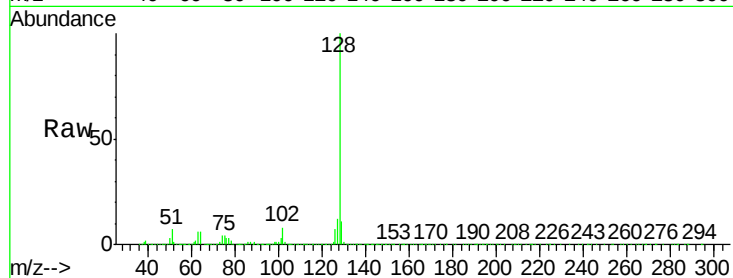
#95
Naphthalene
Concen: 44.413 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014678.D
Acq: 21 Jan 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
1/22/2020 12:26:52 PM



#96
1,2,3-Trichlorobenzene
Concen: 46.473 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014678.D
Acq: 21 Jan 2020 16:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.9	143.6
145	30.4	14.8	44.3

