

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030920\
 Data File : VX015152.D
 Acq On : 09 Mar 2020 18:45
 Operator : JC/SP
 Sample : L1842-15MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D2-20200305MS

Manual Integrations
 APPROVED

MMDadoda
 3/11/2020 4:45:02 PM

Quant Time: Mar 10 11:47:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	326591	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	508442	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	473155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	257956	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	190096	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
35) Dibromofluoromethane	5.49	113	155440	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
50) Toluene-d8	8.71	98	603720	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
62) 4-Bromofluorobenzene	11.13	95	216554	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	148787	52.026	ug/l	99
3) Chloromethane	1.31	50	199174	49.166	ug/l	98
4) Vinyl Chloride	1.40	62	207589	50.536	ug/l	98
5) Bromomethane	1.64	94	115634	45.788	ug/l	100
6) Chloroethane	1.72	64	123985	50.316	ug/l	98
7) Trichlorofluoromethane	1.92	101	245913	50.312	ug/l	99
8) Diethyl Ether	2.18	74	111574	50.398	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	155166	50.458	ug/l	98
10) Methyl Iodide	2.50	142	160185	46.106	ug/l	98
11) Tert butyl alcohol	3.03	59	177596	264.186	ug/l	99
12) 1,1-Dichloroethene	2.37	96	147677	46.531	ug/l	100
13) Acrolein	2.28	56	162793	257.688	ug/l	100
14) Allyl chloride	2.72	41	281726	50.909	ug/l	99
15) Acrylonitrile	3.13	53	457995	273.570	ug/l	100
16) Acetone	2.44	43	360888	229.992	ug/l	95
17) Carbon Disulfide	2.56	76	428189	48.582	ug/l	100
18) Methyl Acetate	2.76	43	188333	49.086	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	523536	52.789	ug/l	99
20) Methylene Chloride	2.85	84	179974	49.010	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	175134	51.680	ug/l	98
22) Diisopropyl ether	3.84	45	590333	53.544	ug/l	98
23) Vinyl Acetate	3.81	43	2345279	258.777	ug/l	100
24) 1,1-Dichloroethane	3.69	63	316195	51.673	ug/l	100
25) 2-Butanone	4.66	43	620107	269.939	ug/l	99
26) 2,2-Dichloropropane	4.58	77	212934	43.834	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	196406	51.661	ug/l	99
28) Bromochloromethane	5.01	49	149110	53.513	ug/l	97
29) Tetrahydrofuran	5.12	42	410723	277.364	ug/l	98
30) Chloroform	5.20	83	315913	52.969	ug/l	100
31) Cyclohexane	5.58	56	278760	51.073	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	260774	52.747	ug/l	99
36) 1,1-Dichloropropene	5.79	75	232757	49.519	ug/l	99
37) Ethyl Acetate	4.82	43	233174	53.479	ug/l	99
38) Carbon Tetrachloride	5.78	117	226450	51.040	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	279189	50.868	ug/l	98
40) Benzene	6.14	78	710080	50.919	ug/l	98
41) Methacrylonitrile	5.03	41	138150	52.751	ug/l	99
42) 1,2-Dichloroethane	6.19	62	249842	52.170	ug/l	100
43) Isopropyl Acetate	6.44	43	389320	50.757	ug/l	99
44) Trichloroethene	7.21	130	217203	55.927	ug/l	100
45) 1,2-Dichloropropane	7.51	63	185594	51.417	ug/l	95
46) Dibromomethane	7.65	93	120894	51.401	ug/l	100
47) Bromodichloromethane	7.89	83	242453	52.129	ug/l	95
48) Methyl methacrylate	7.76	41	205221	52.569	ug/l	99
49) 1,4-Dioxane	7.73	88	87847	1040.773	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1260993	278.055	ug/l	100
52) Toluene	8.78	92	451068	52.901	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	260252	52.571	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	284074	50.759	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	183551	52.301	ug/l	100
56) Ethyl methacrylate	9.17	69	275396	55.015	ug/l	100
57) 1,3-Dichloropropane	9.37	76	311747	52.800	ug/l	100
59) 2-Hexanone	9.48	43	951588	283.100	ug/l	100
60) Dibromochloromethane	9.57	129	197745	53.639	ug/l	100
61) 1,2-Dibromoethane	9.67	107	191339	51.907	ug/l	99
64) Tetrachloroethene	9.33	164	193366	49.428	ug/l	98
65) Chlorobenzene	10.14	112	487073	51.275	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	182395	50.921	ug/l	99
67) Ethyl Benzene	10.25	91	856932	53.124	ug/l	99
68) m/p-Xylenes	10.36	106	653680	106.512	ug/l	100
69) o-Xylene	10.70	106	311320	52.982	ug/l	99
70) Styrene	10.71	104	543574	53.953	ug/l	99
71) Bromoform	10.85	173	147337	53.044	ug/l	98
73) Isopropylbenzene	11.01	105	840209	50.988	ug/l	100
74) N-amyl acetate	10.89	43	338686	48.770	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	271731	49.480	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	222829m	43.306	ug/l	
77) Bromobenzene	11.25	156	220430	48.000	ug/l	99
78) n-propylbenzene	11.35	91	972184	51.640	ug/l	99
79) 2-Chlorotoluene	11.42	91	564450	50.205	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	707311	51.562	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	85104	46.940	ug/l	97
82) 4-Chlorotoluene	11.51	91	666056	50.145	ug/l	100
83) tert-Butylbenzene	11.76	119	686447	51.753	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	721960	52.389	ug/l	100
85) sec-Butylbenzene	11.94	105	819354	51.172	ug/l	99
86) p-Isopropyltoluene	12.06	119	766411	51.953	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	396951	49.170	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	399191	47.894	ug/l	99
89) n-Butylbenzene	12.39	91	668625	50.960	ug/l	99
90) Hexachloroethane	12.59	117	133728	47.950	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	391077	48.724	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	56779	51.632	ug/l	95
93) 1,2,4-Trichlorobenzene	13.64	180	279289	50.129	ug/l	100

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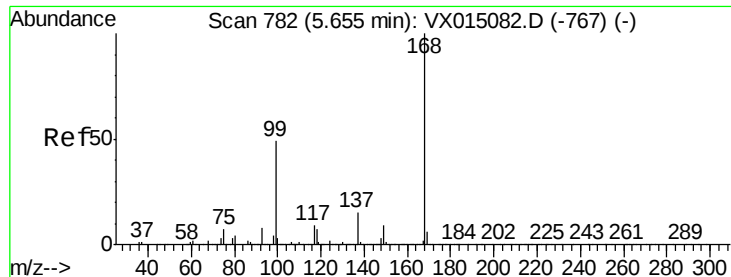
Manual Integrations
APPROVED

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3/11/2020 4:45:02 PM

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	128468	44.936	ug/l	98
95) Naphthalene	13.83	128	825477	48.392	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	282336	50.791	ug/l	100

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



#1

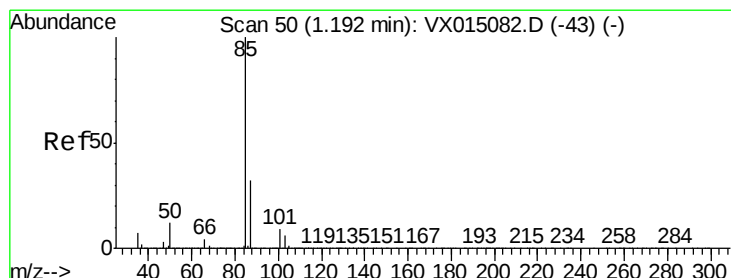
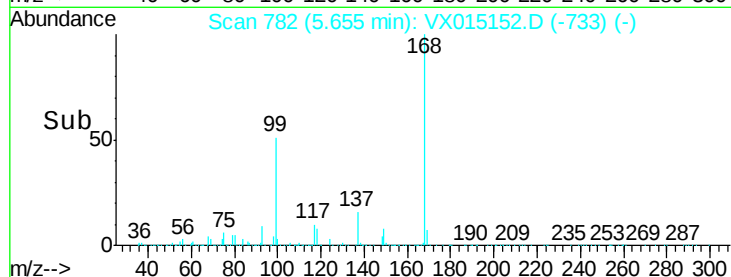
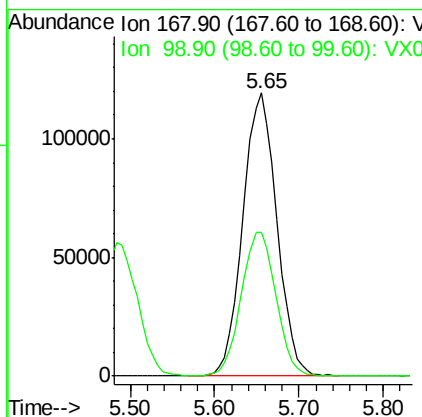
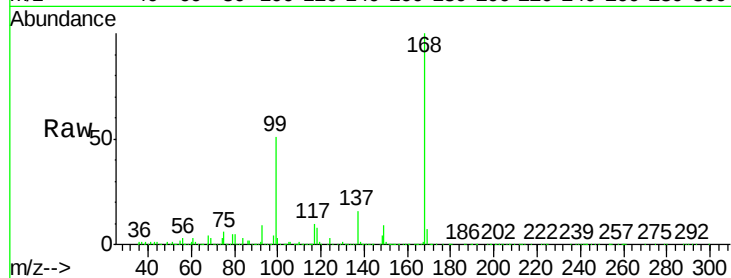
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305MS

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.3	39.4	59.2

Manual Integrations
APPROVED

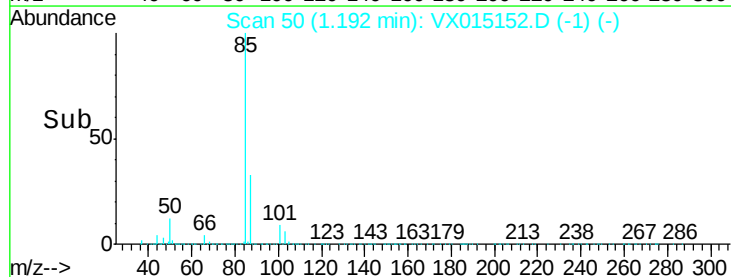
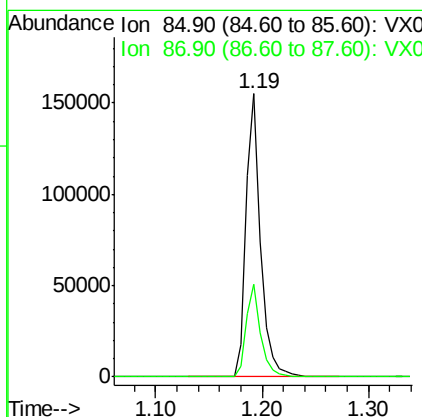
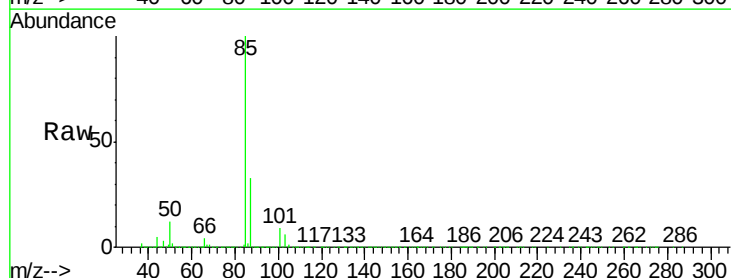
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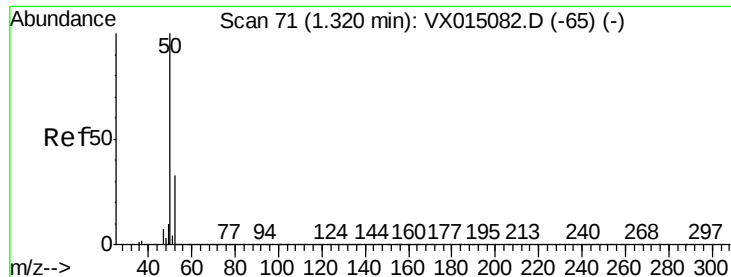


#2

Dichlorodifluoromethane
Concen: 52.026 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.6	16.2	48.5





#3

Chloromethane

Concen: 49.166 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

RE132D2-20200305MS

Tot Ion: 50 Resp: 199174

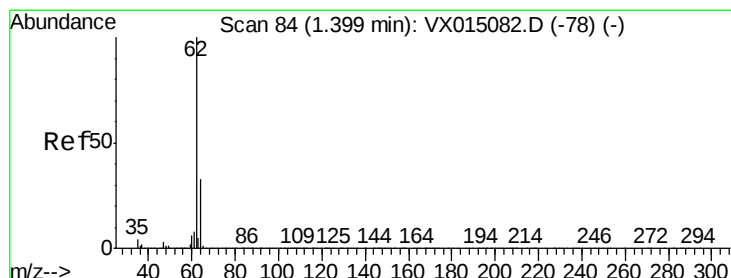
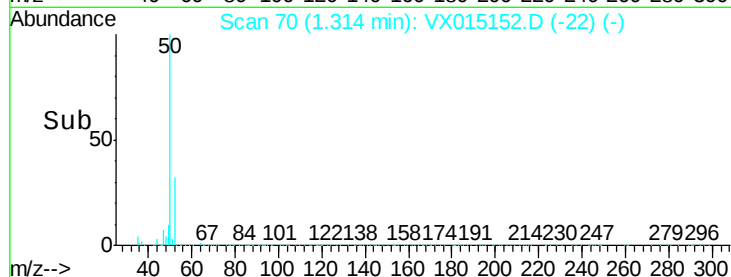
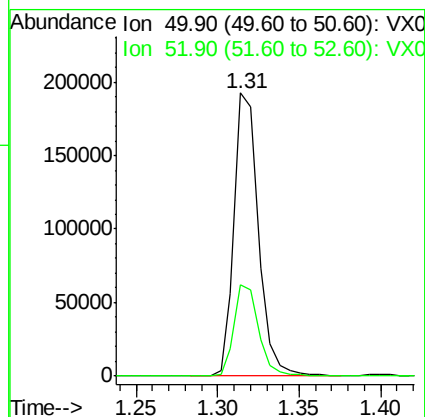
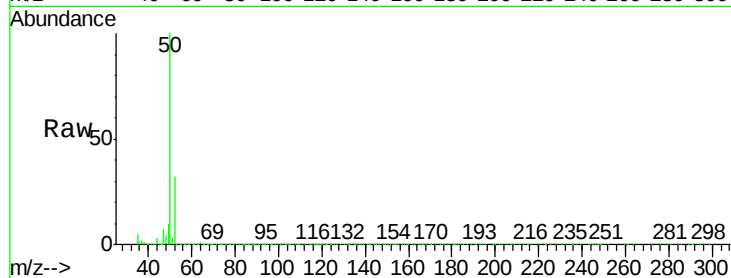
Ion Ratio Lower Upper

50 100

52 31.9 26.2 39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 50.536 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX015152.D

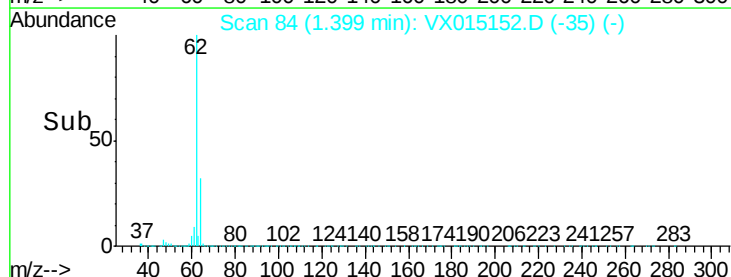
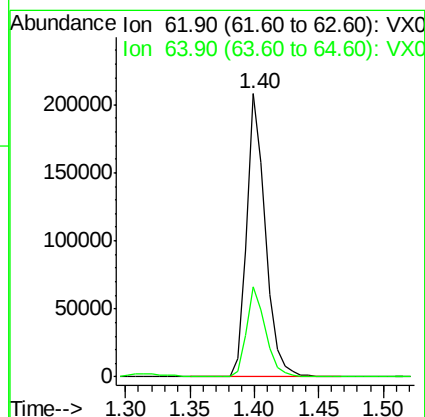
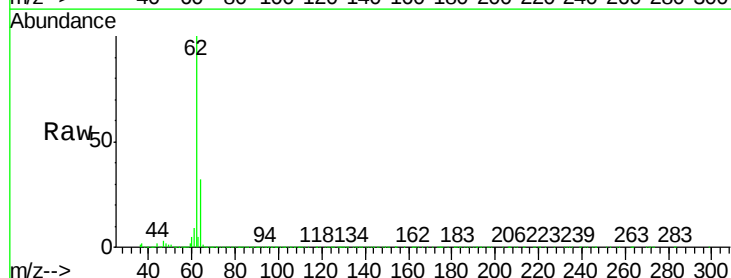
Acq: 09 Mar 2020 18:45

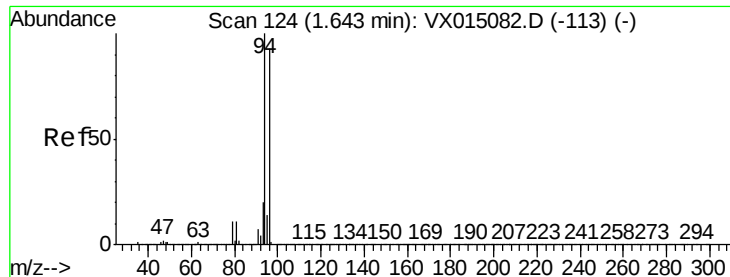
Tgt Ion: 62 Resp: 207589

Ion Ratio Lower Upper

62 100

64 31.6 26.1 39.1





#5

Bromomethane

Concen: 45.788 ug/l

RT: 1.64 min Scan# 123

Delta R.T. -0.01 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

RE132D2-20200305MS

Tot Ion: 94 Resp: 115634

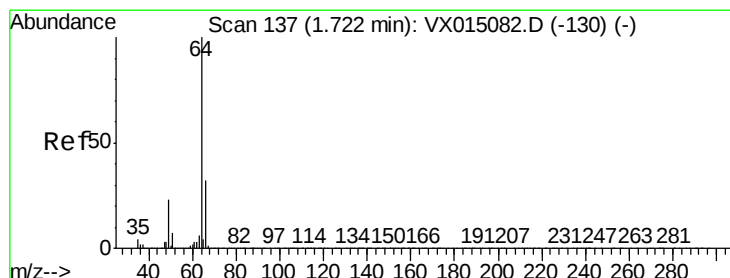
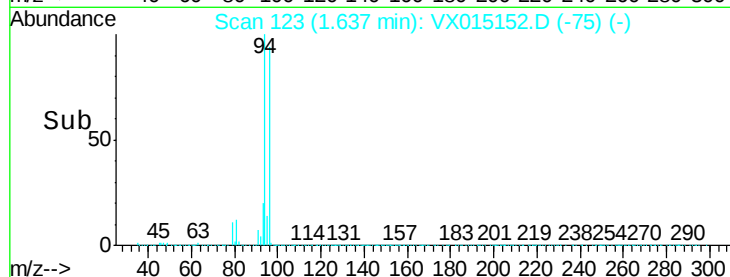
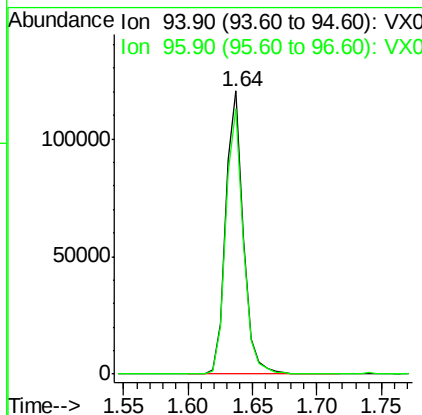
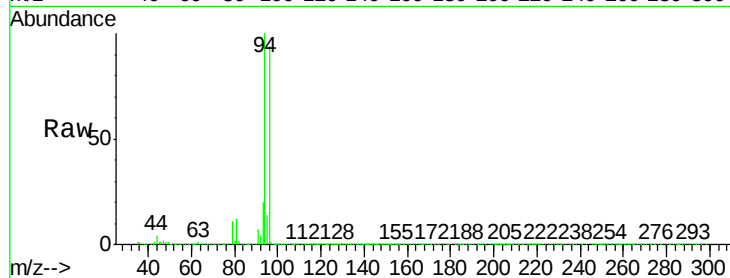
Ion Ratio Lower Upper

94 100

96 93.6 74.6 111.8

Manual Integrations
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#6

Chloroethane

Concen: 50.316 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015152.D

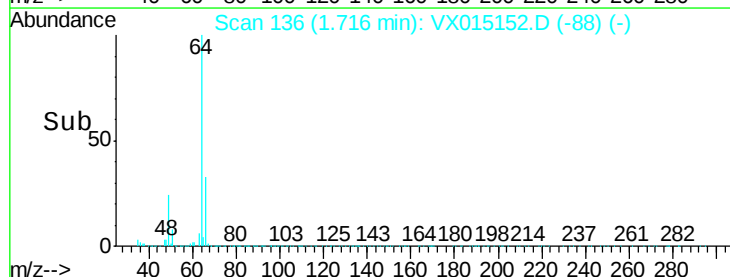
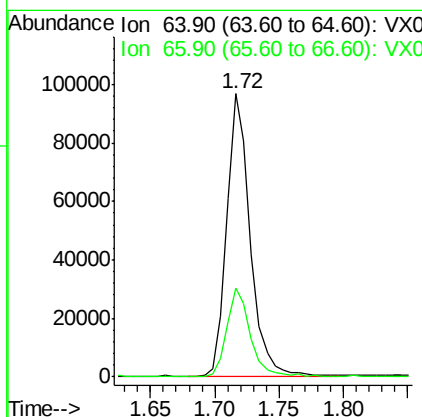
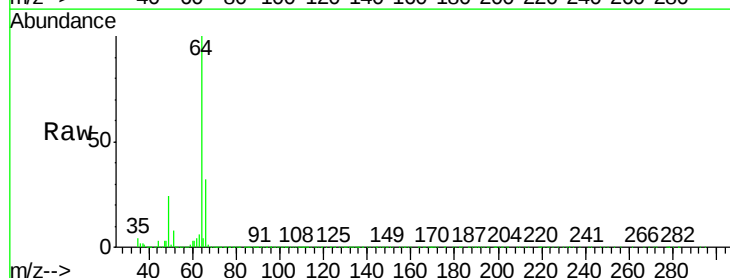
Acq: 09 Mar 2020 18:45

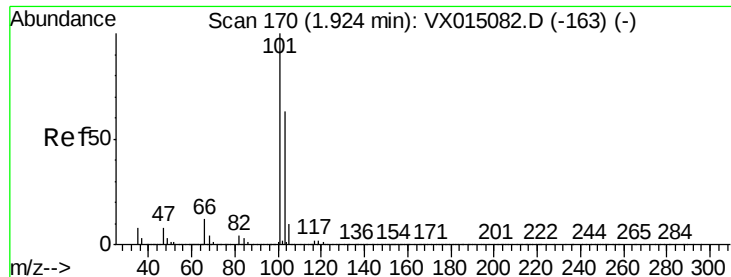
Tgt Ion: 64 Resp: 123985

Ion Ratio Lower Upper

64 100

66 31.3 25.8 38.8





#7

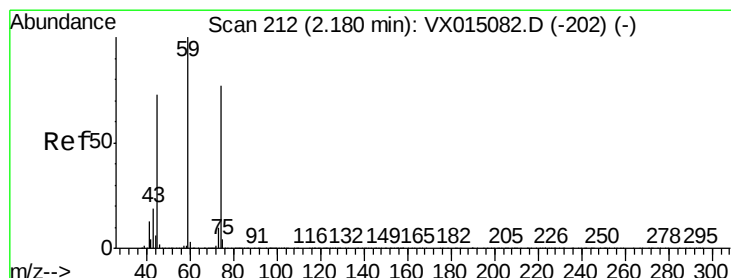
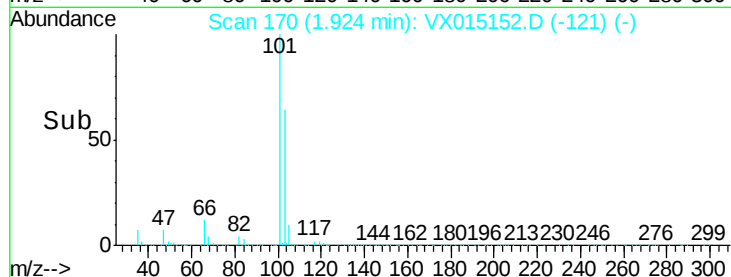
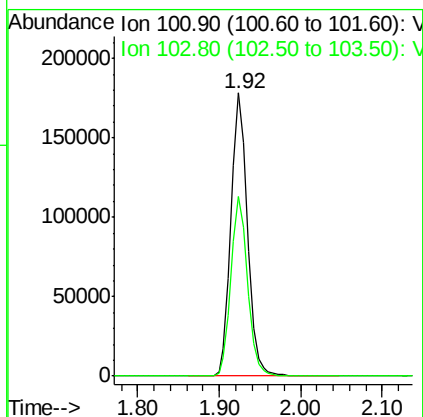
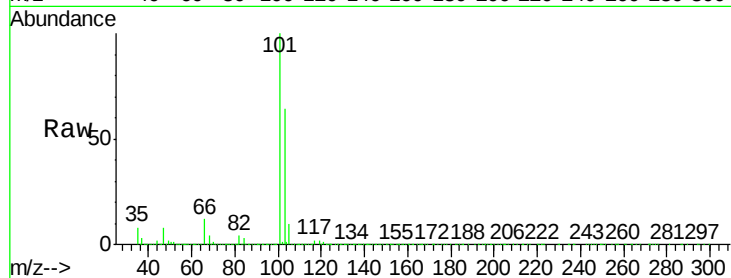
Trichlorofluoromethane
Concen: 50.312 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Instrument :
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ClientSampleId :
RE132D2-20200305MS

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.6	50.4	75.6

Manual Integrations
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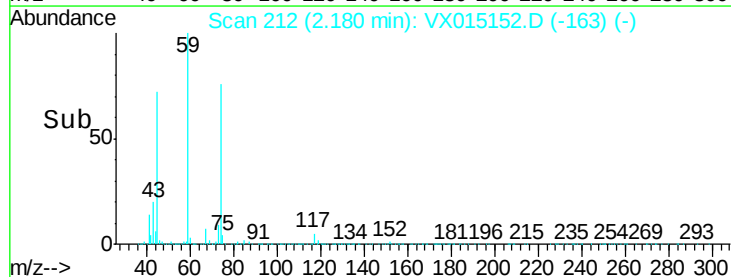
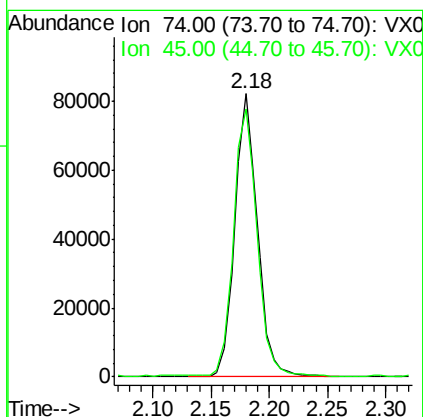
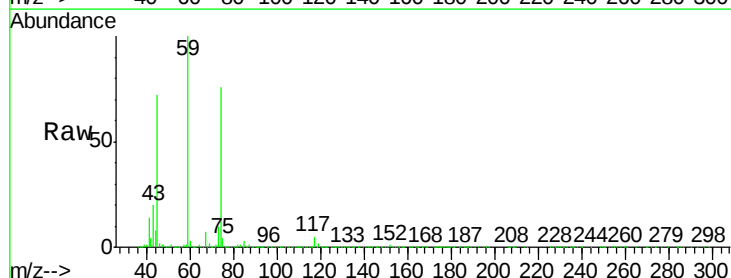
MMDadoda
3/11/2020 4:45:02 PM

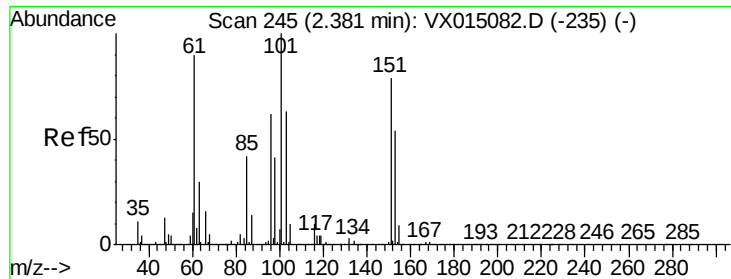


#8

Diethyl Ether
Concen: 50.398 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.3	49.2	147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.458 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Instrument :

MSVOA_X

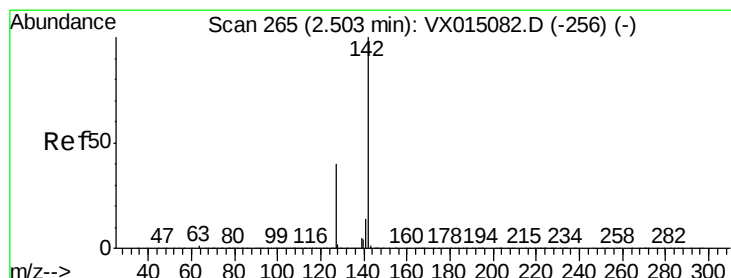
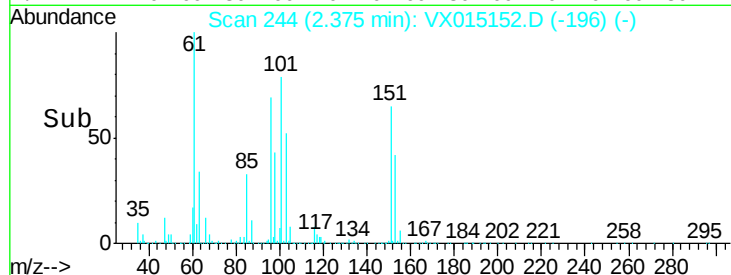
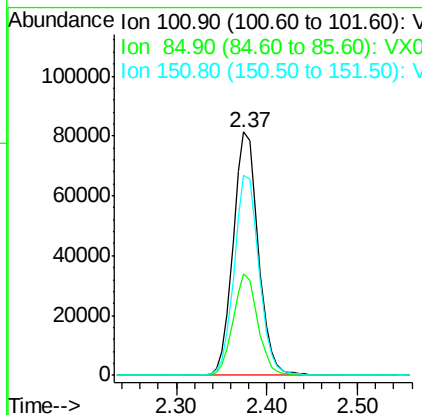
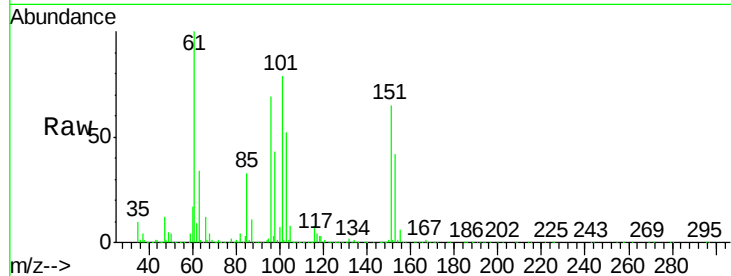
ClientSampleId :

RE132D2-20200305MS

Tot Ion:	101	Resp:	155166
Ion Ratio	Lower	Upper	
101	100		
85	41.5	33.7	50.5
151	82.2	64.0	96.0

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#10

Methyl Iodide

Concen: 46.106 ug/l

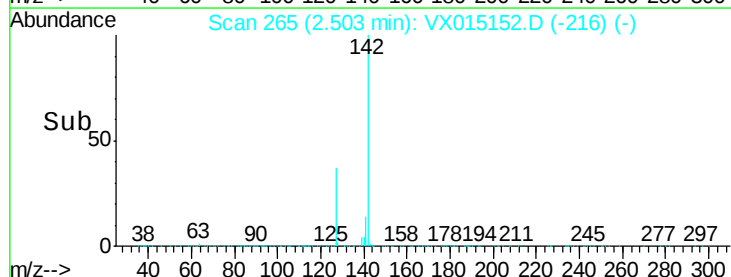
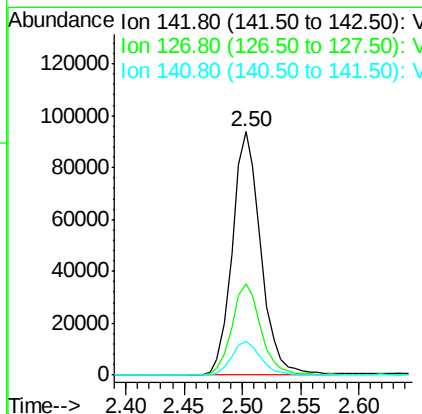
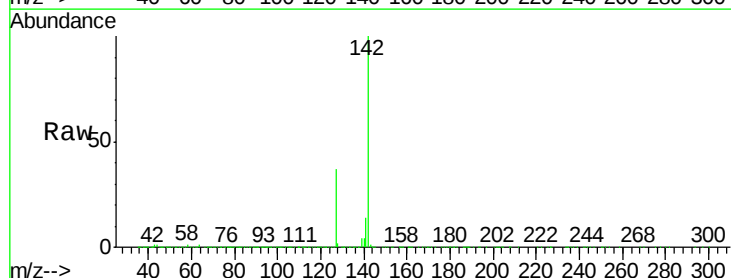
RT: 2.50 min Scan# 265

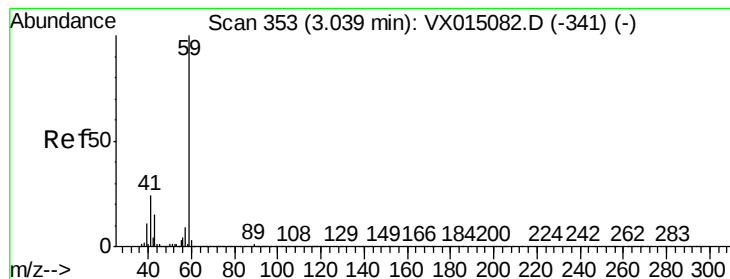
Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Tgt Ion:	142	Resp:	160185
Ion Ratio	Lower	Upper	
142	100		
127	38.0	31.7	47.5
141	14.3	11.3	16.9





#11

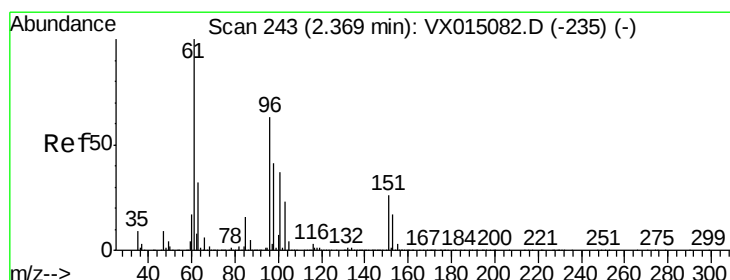
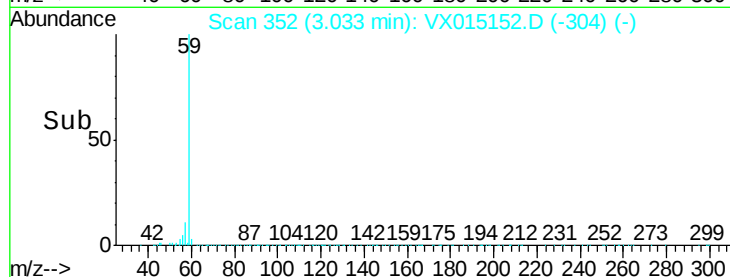
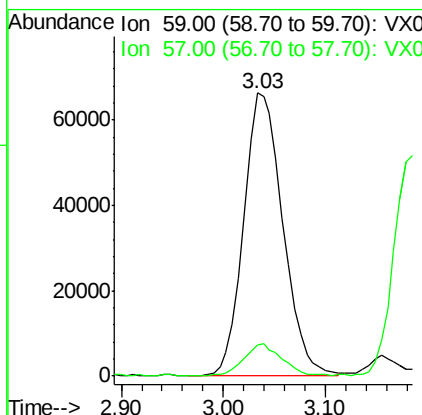
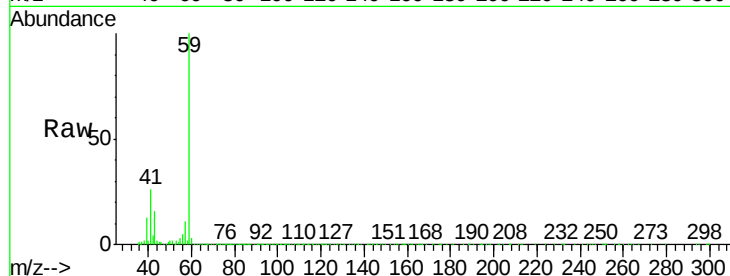
Tert butyl alcohol
Concen: 264.186 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.2	12.4

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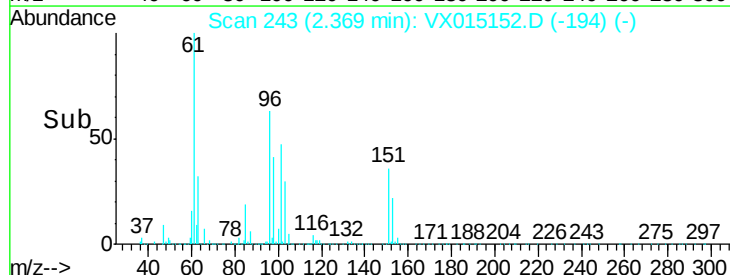
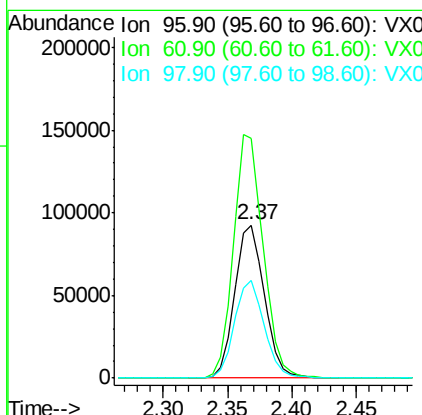
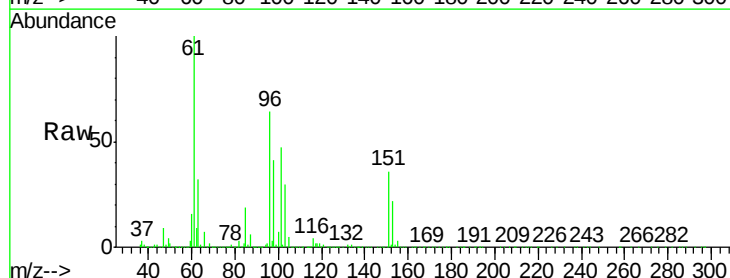
MMDadoda
3/11/2020 4:45:02 PM

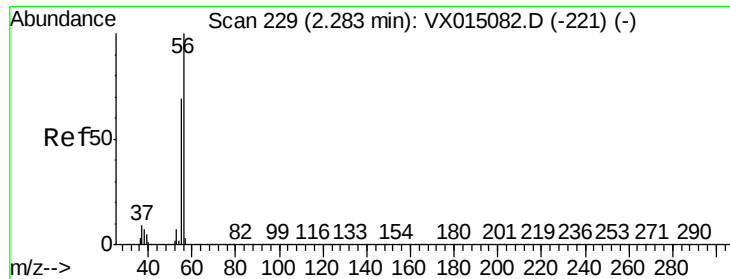


#12

1,1-Dichloroethene
Concen: 46.531 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.3	126.2	189.4
98	63.9	51.4	77.0





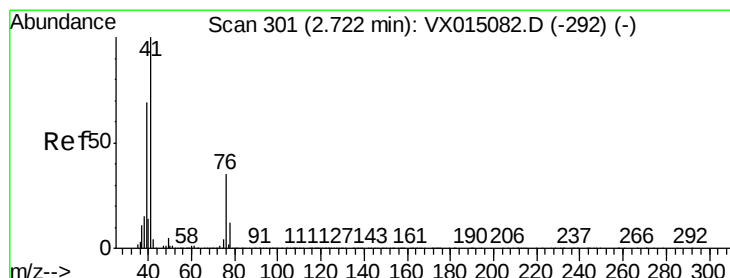
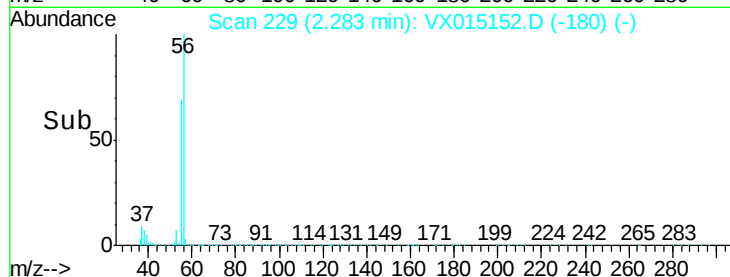
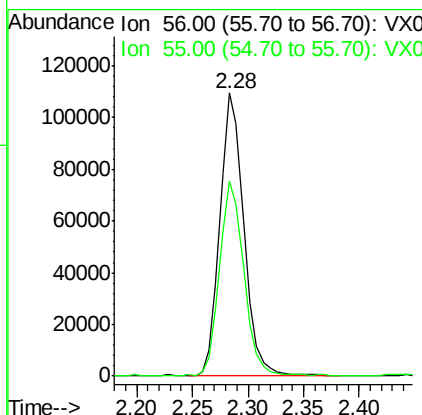
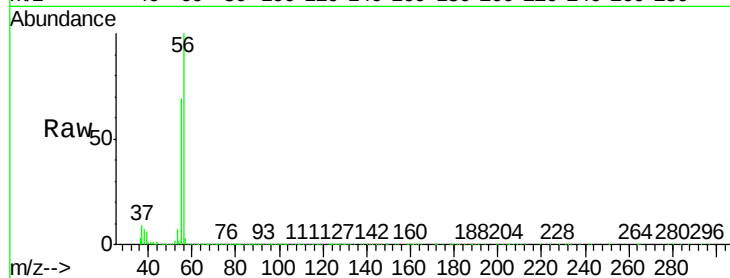
#13
Acrolein
Concen: 257.688 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305MS

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.6	55.4	83.0

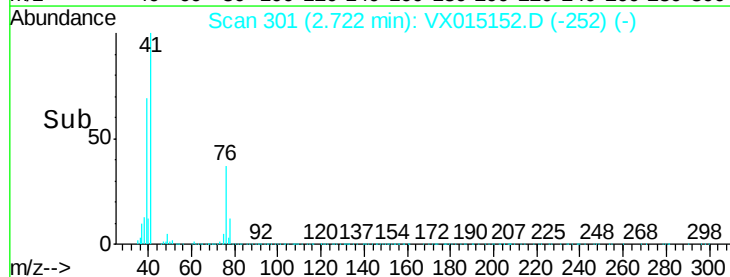
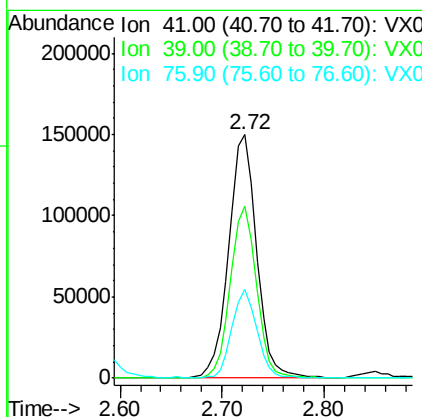
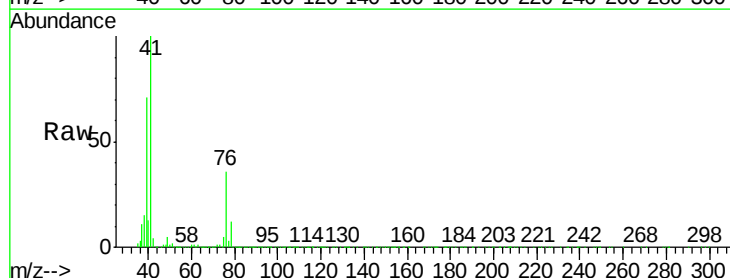
Manual Integrations
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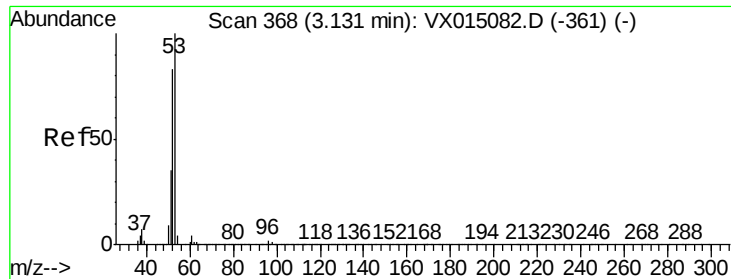
MMDadoda
3/11/2020 4:45:02 PM



#14
Allyl chloride
Concen: 50.909 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Tgt Ion	Ratio	Lower	Upper
41	100		
39	65.9	52.9	79.3
76	32.5	26.8	40.2





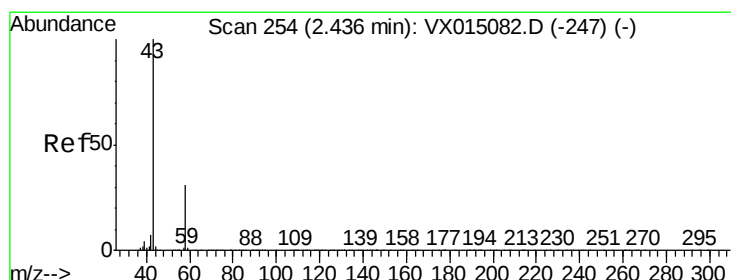
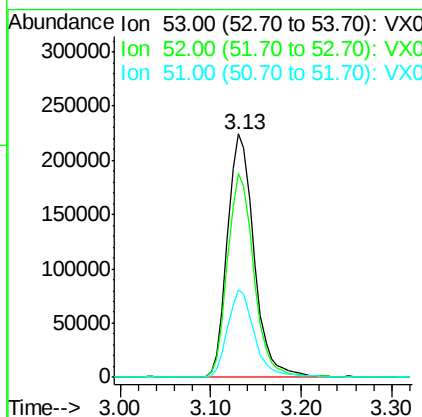
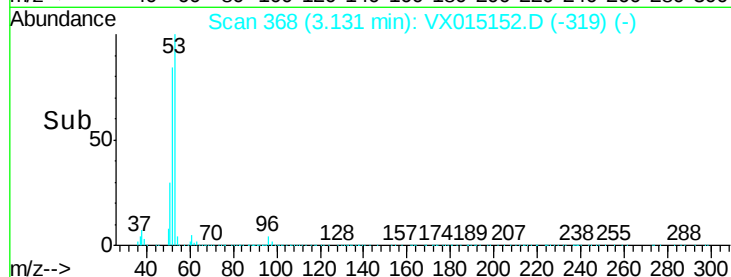
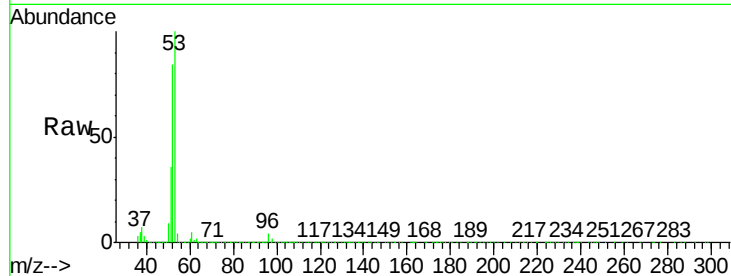
#15
 Acrylonitrile
 Concen: 273.570 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX015152.D
 Acq: 09 Mar 2020 18:45

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D2-20200305MS

Tot Ion:	53	Resp:	457995
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.6	100.0
51	36.2	29.0	43.6

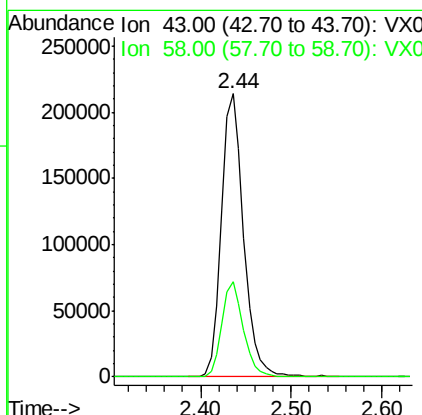
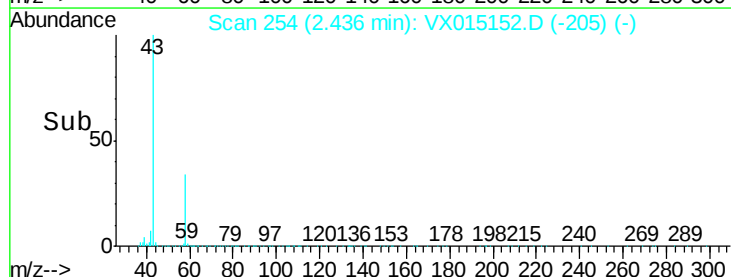
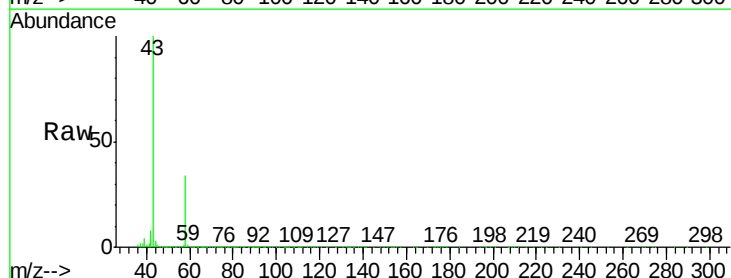
Manual Integrations
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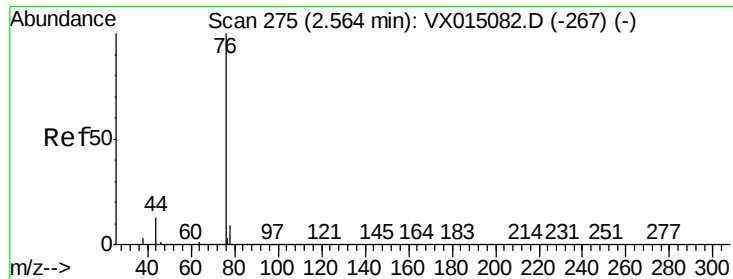
MMDadoda
 3/11/2020 4:45:02 PM



#16
 Acetone
 Concen: 229.992 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. 0.00 min
 Lab File: VX015152.D
 Acq: 09 Mar 2020 18:45

Tgt Ion:	43	Resp:	360888
Ion	Ratio	Lower	Upper
43	100		
58	33.7	24.8	37.2





#17

Carbon Disulfide

Concen: 48.582 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

RE132D2-20200305MS

Tot Ion: 76 Resp: 428189

Ion Ratio Lower Upper

76 100

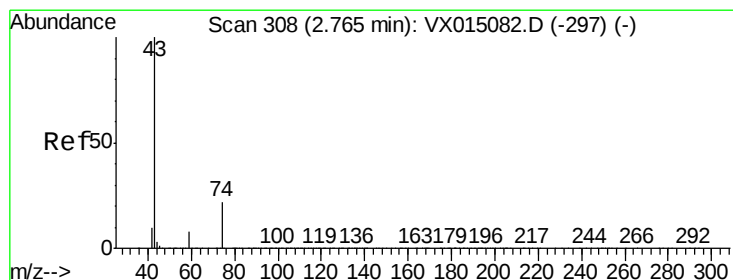
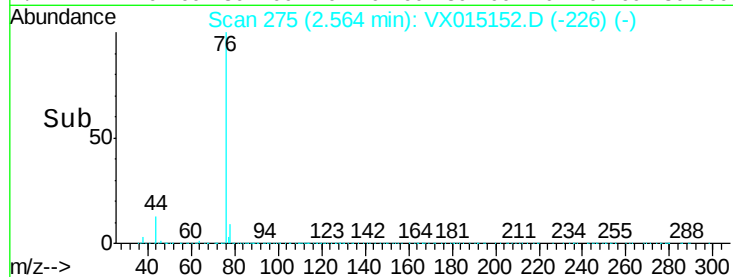
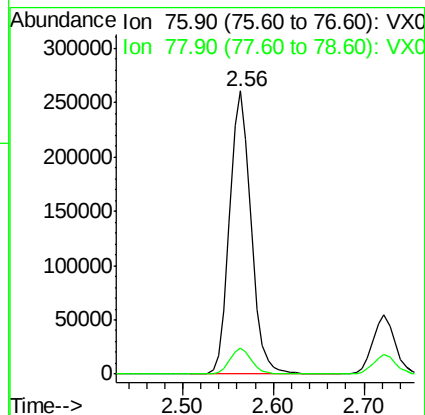
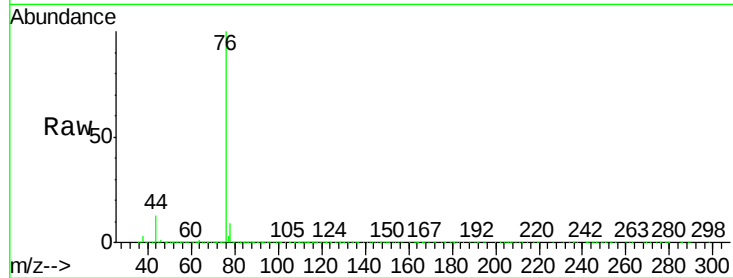
78 9.0 7.3 10.9

Manual Integrations

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#18

Methyl Acetate

Concen: 49.086 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX015152.D

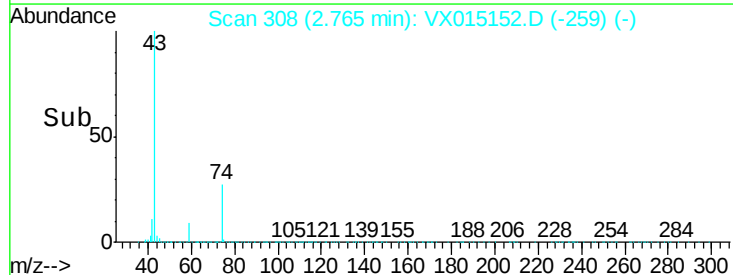
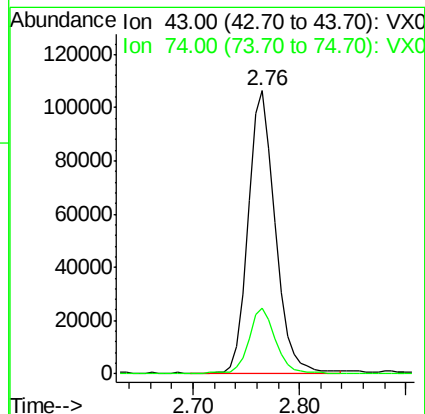
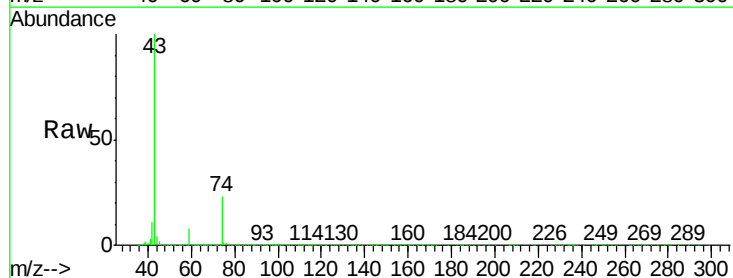
Acq: 09 Mar 2020 18:45

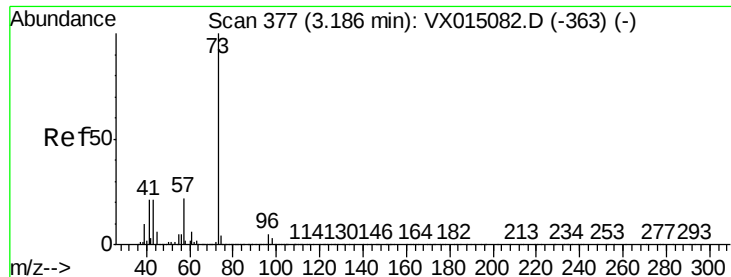
Tgt Ion: 43 Resp: 188333

Ion Ratio Lower Upper

43 100

74 23.1 18.8 28.2





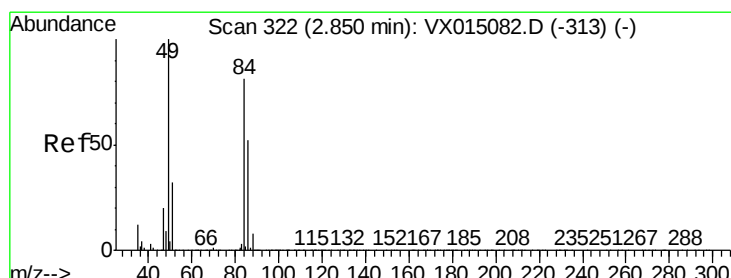
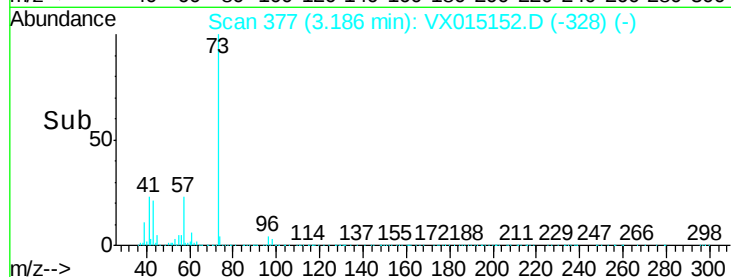
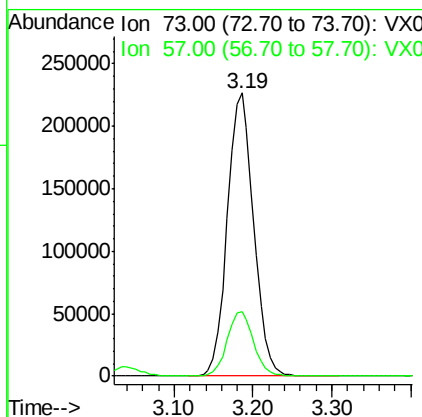
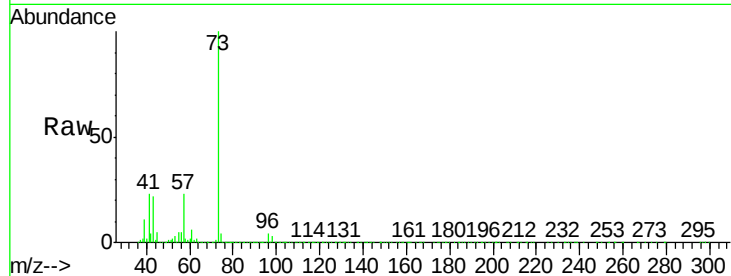
#19
Methvl tert-butvl Ether
Concen: 52.789 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.7	17.8	26.6

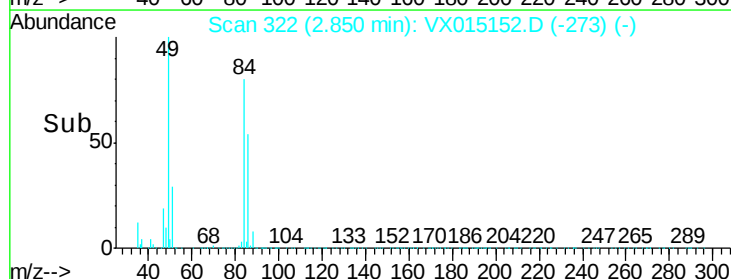
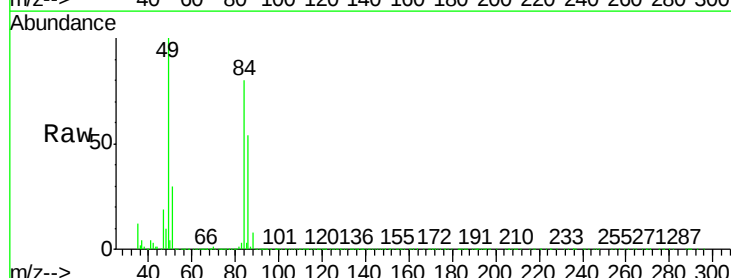
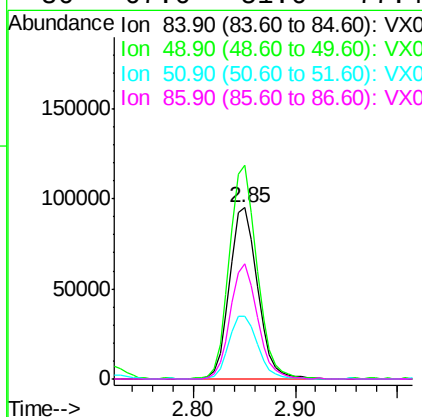
Manual Integrations
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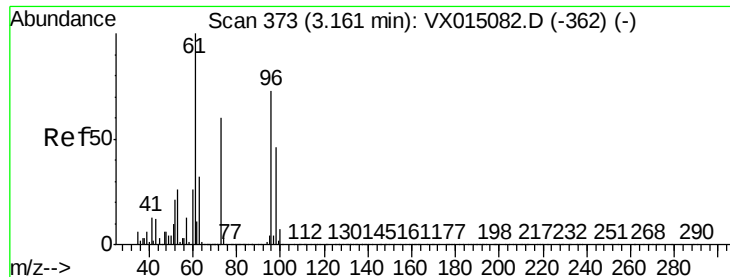
MMDadoda
3/11/2020 4:45:02 PM



#20
Methylene Chloride
Concen: 49.010 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.9	99.4	149.2
51	36.9	31.5	47.3
86	67.6	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 51.680 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Instrument :

MSVOA_X

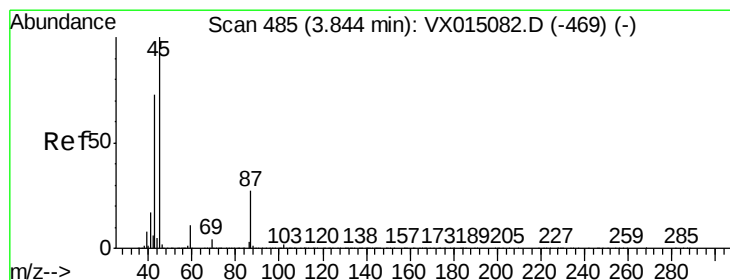
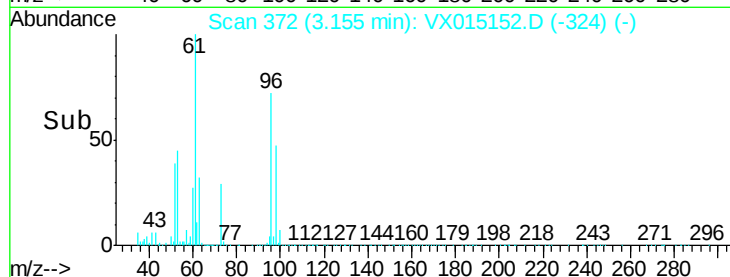
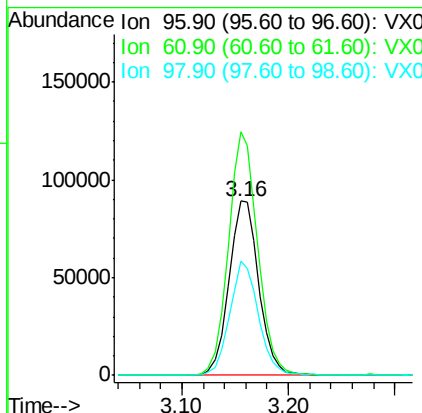
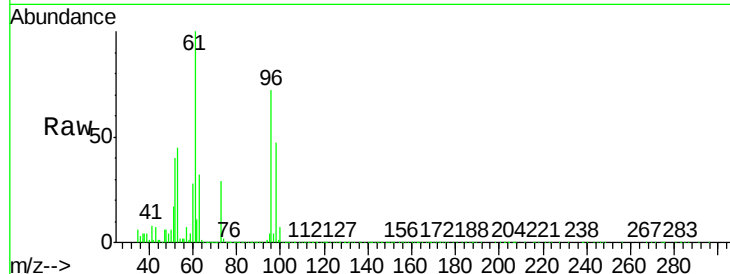
ClientSampleId :

RE132D2-20200305MS

Tot Ion:	96	Resp:	175134
Ion	Ratio	Lower	Upper
96	100		
61	139.5	109.9	164.9
98	65.3	50.2	75.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 53.544 ug/l

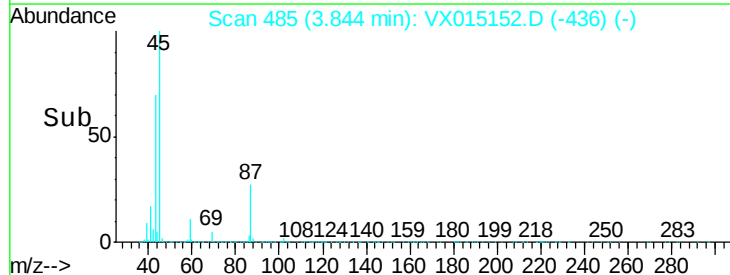
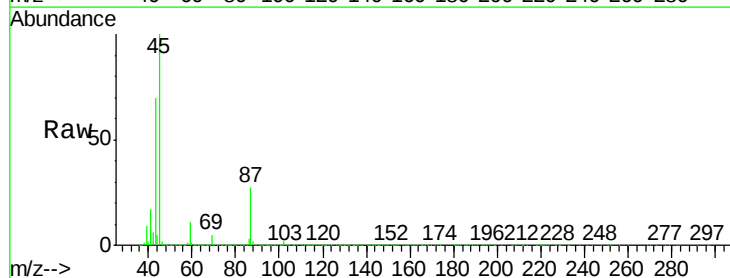
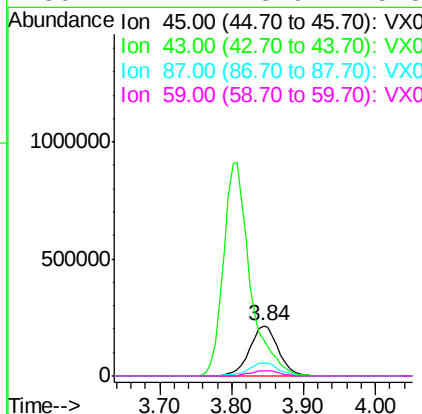
RT: 3.84 min Scan# 485

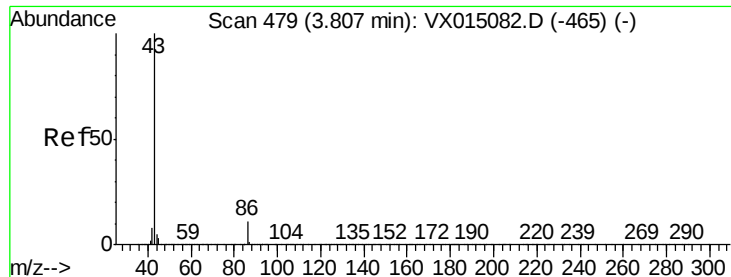
Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Tgt Ion:	45	Resp:	590333
Ion	Ratio	Lower	Upper
45	100		
43	70.3	58.2	87.2
87	26.7	21.2	31.8
59	11.1	8.9	13.3





#23

Vinyl Acetate

Concen: 258.777 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

RE132D2-20200305MS

Tot Ion: 43 Resp: 2345279

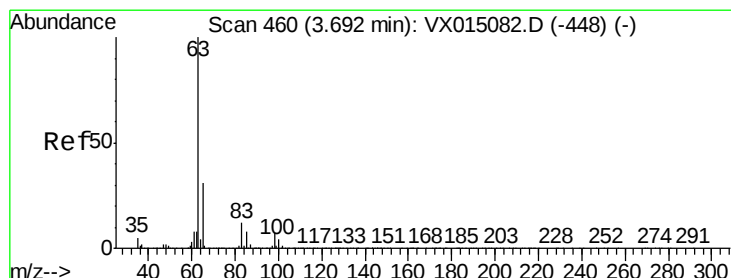
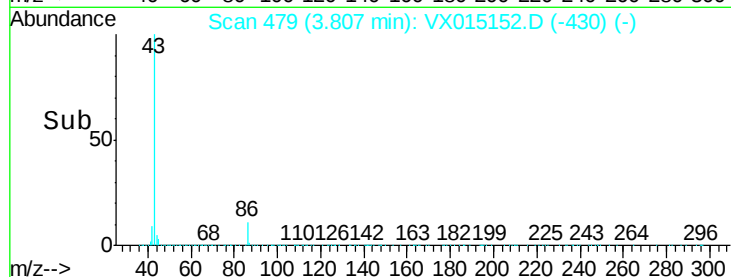
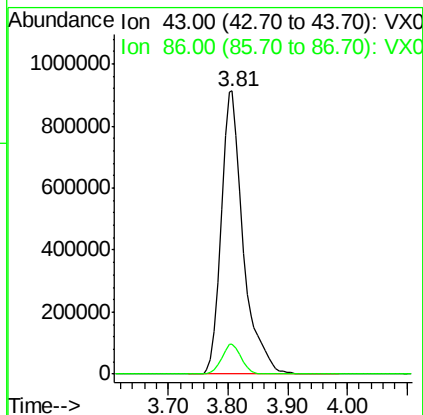
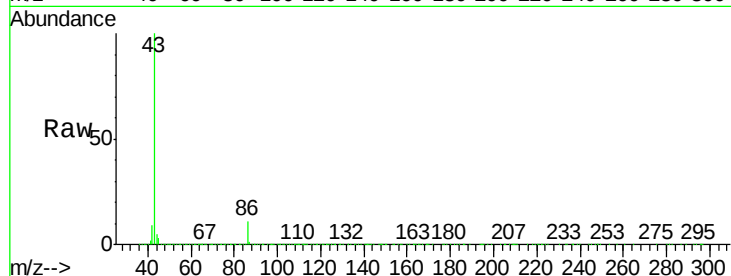
Ion Ratio Lower Upper

43 100

86 10.8 8.6 12.8

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 51.673 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

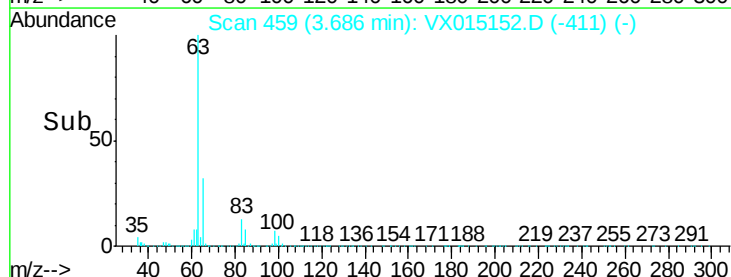
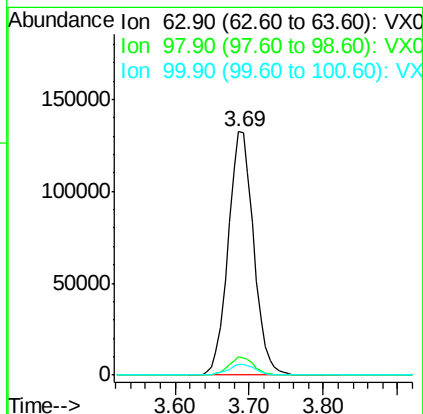
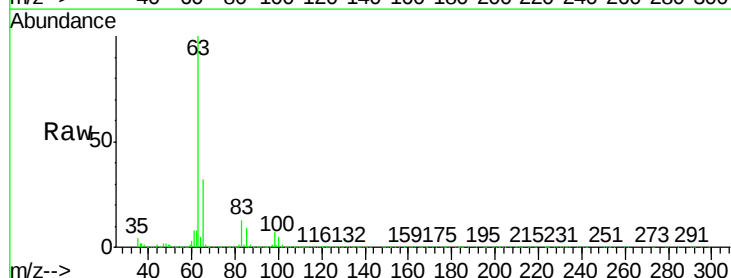
Tgt Ion: 63 Resp: 316195

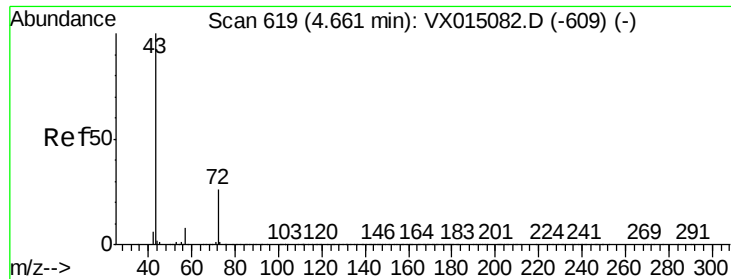
Ion Ratio Lower Upper

63 100

98 7.3 3.7 11.1

100 4.5 2.1 6.5





#25

2-Butanone

Concen: 269.939 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Tot Ion	43	Resp	620107
Ion	Ratio	Lower	Upper
43	100		
72	26.2	20.6	30.8

Instrument :

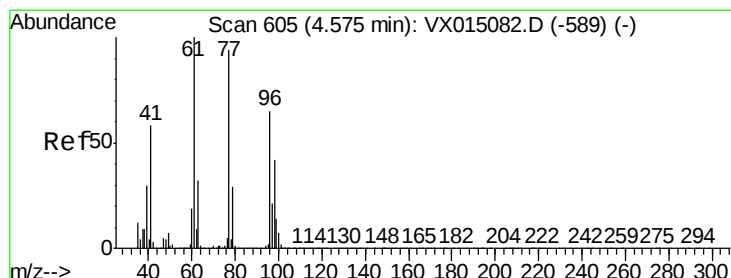
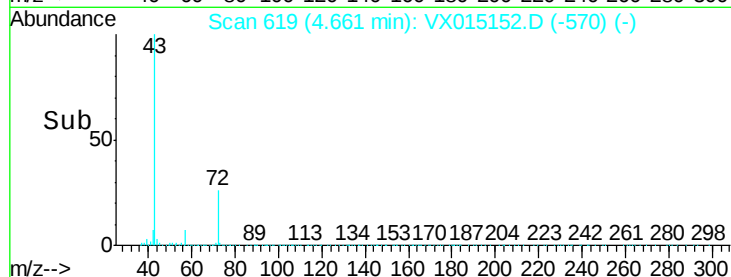
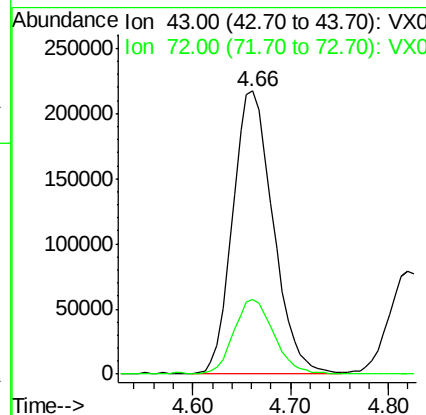
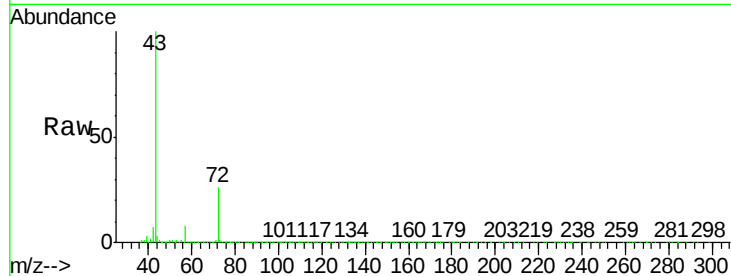
MSVOA_X

ClientSampleId :

RE132D2-20200305MS

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 43.834 ug/l

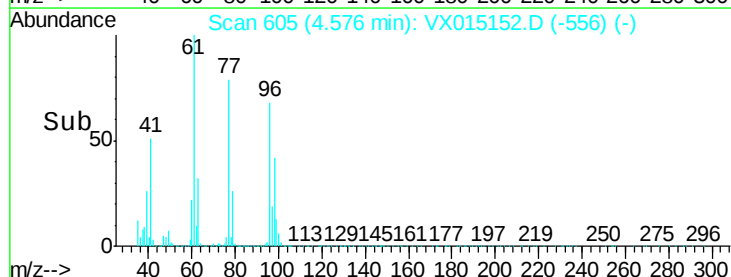
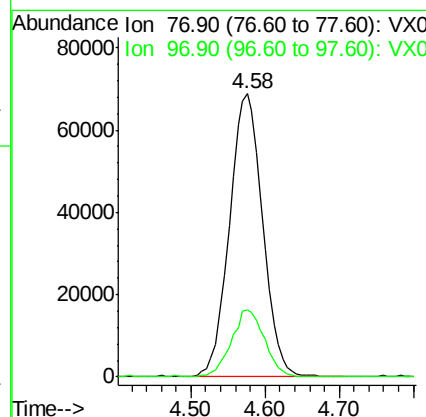
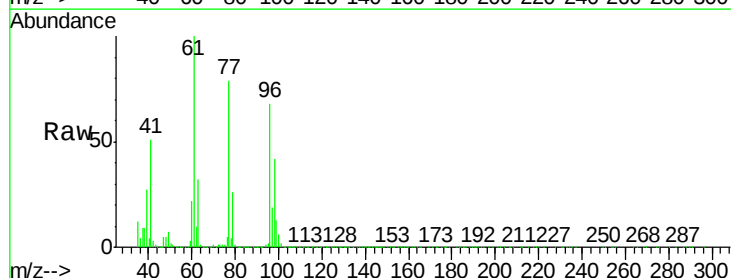
RT: 4.58 min Scan# 605

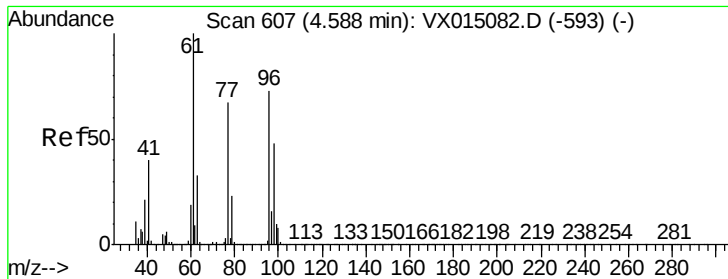
Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Tgt Ion	77	Resp	212934
Ion	Ratio	Lower	Upper
77	100		
97	24.0	11.8	35.4





#27

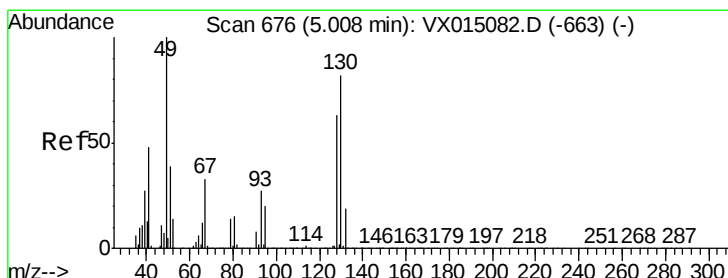
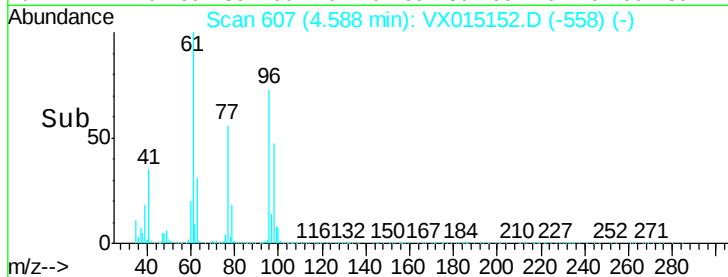
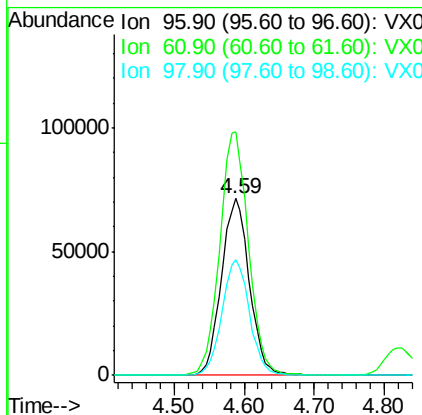
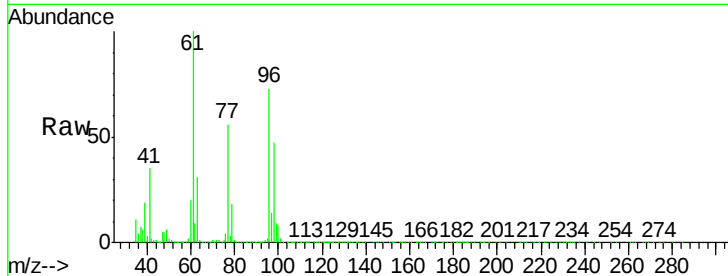
cis-1,2-Dichloroethene
Concen: 51.661 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	196406		
61	142.2	0.0	286.8	
98	65.1	0.0	128.4	

Manual Integrations
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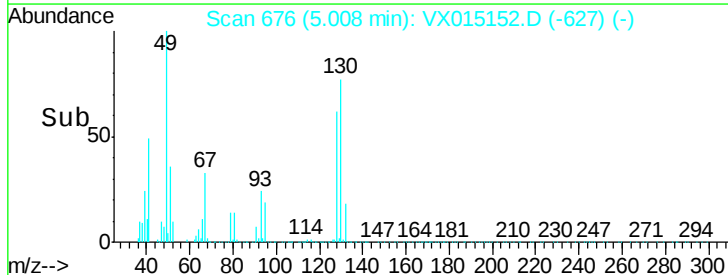
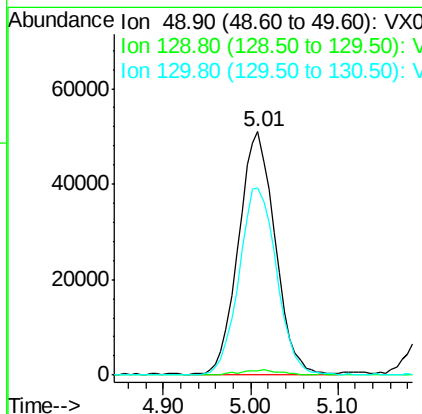
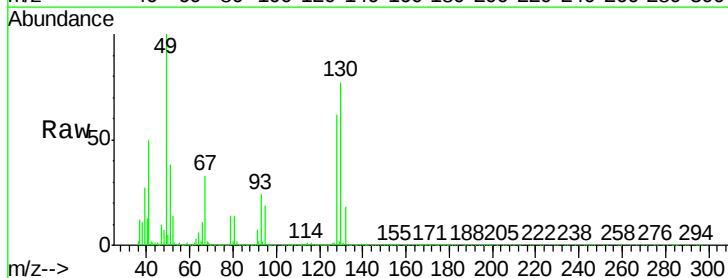
MMDadoda
3/11/2020 4:45:02 PM

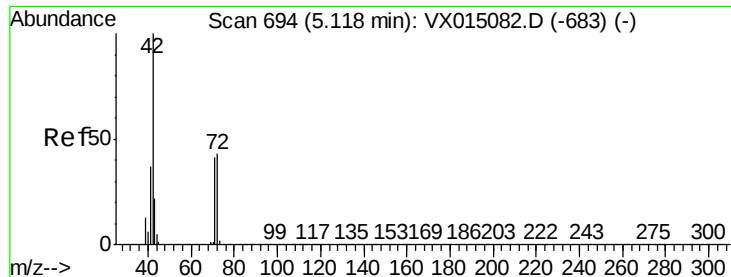


#28

Bromochloromethane
Concen: 53.513 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	149110		
129	2.3	0.0	4.4	
130	78.9	65.0	97.6	





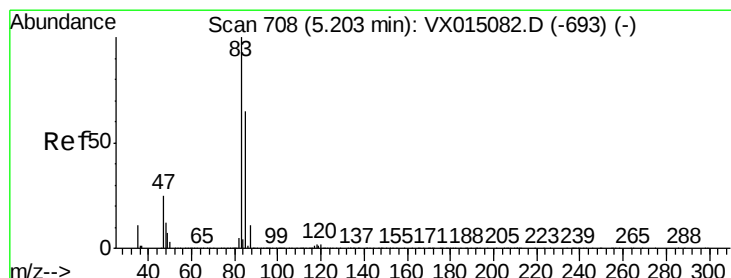
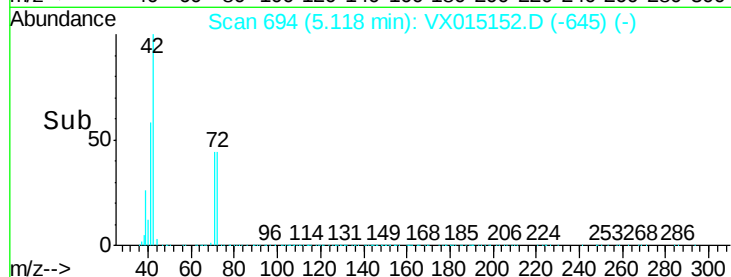
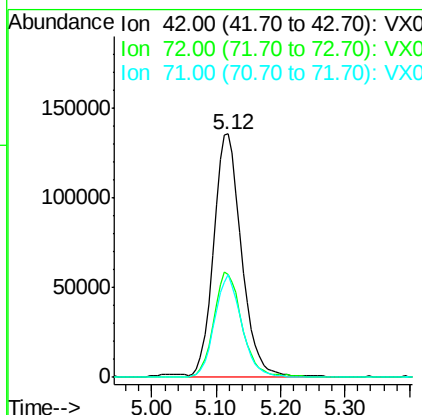
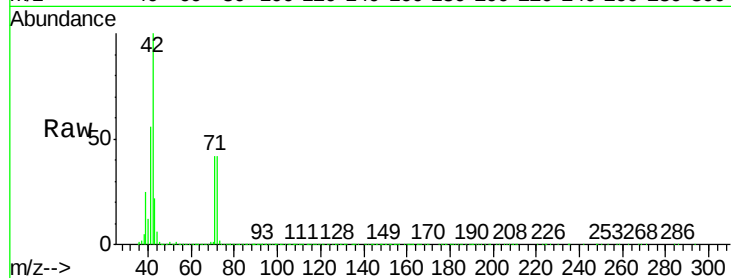
#29
Tetrahydrofuran
Concen: 277.364 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.0	36.4	54.6
71	40.8	33.3	49.9

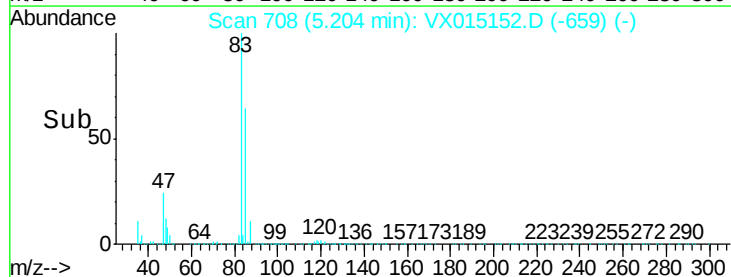
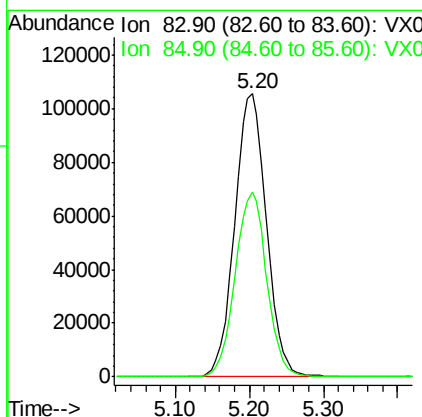
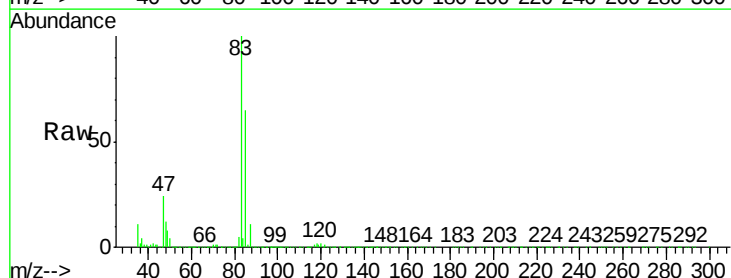
Manual Integrations
APPROVED

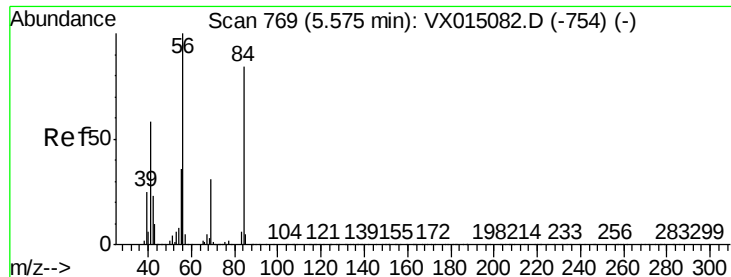
MMDadoda
3/11/2020 4:45:02 PM



#30
Chloroform
Concen: 52.969 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.0	78.0





#31

Cvclohexane

Concen: 51.073 ug/l

RT: 5.58 min Scan# 769

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Instrument :

MSVOA_X

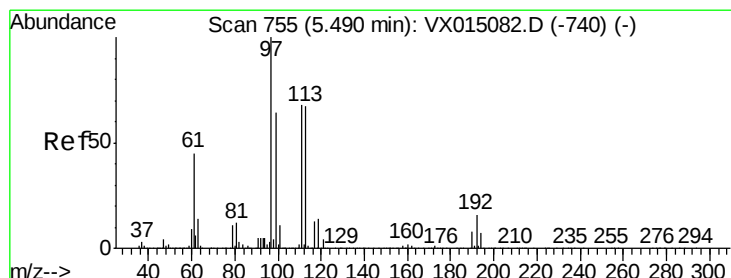
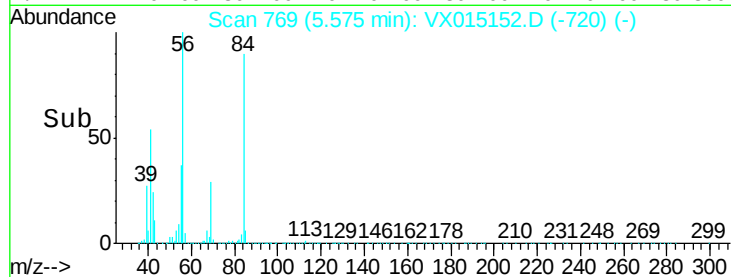
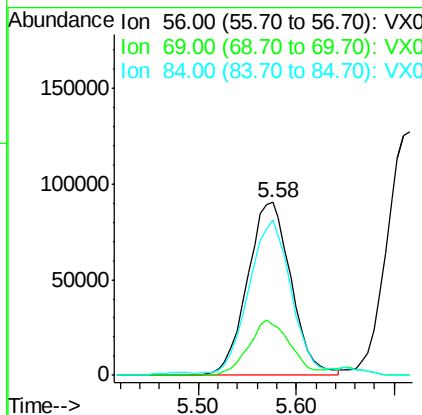
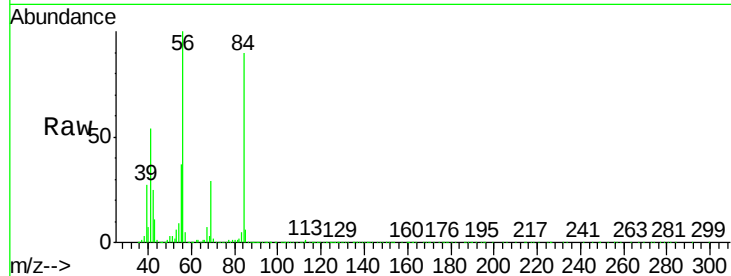
ClientSampleId :

RE132D2-20200305MS

Tot Ion:	56	Resp:	278760
Ion Ratio	Lower	Upper	
56	100		
69	29.1	25.0	37.6
84	87.8	67.6	101.4

Manual Integrations
APPROVED

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3/11/2020 4:45:02 PM



#32

1,1,1-Trichloroethane

Concen: 52.747 ug/l

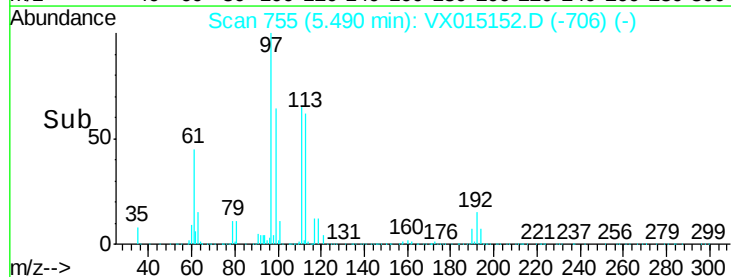
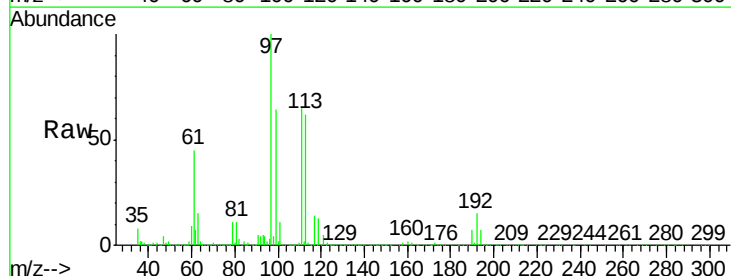
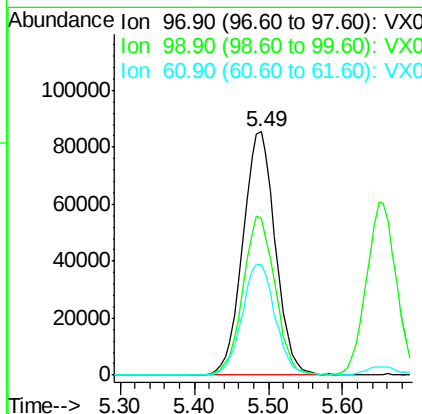
RT: 5.49 min Scan# 755

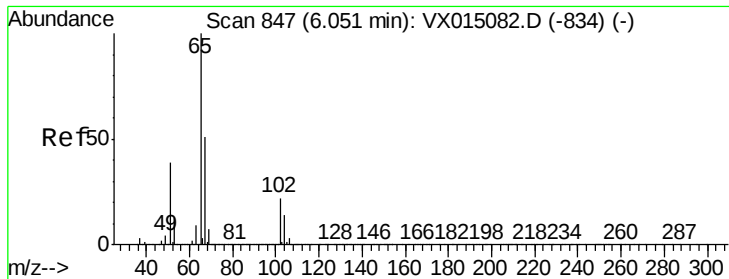
Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Tgt Ion:	97	Resp:	260774
Ion Ratio	Lower	Upper	
97	100		
99	64.8	52.8	79.2
61	46.3	36.6	54.8





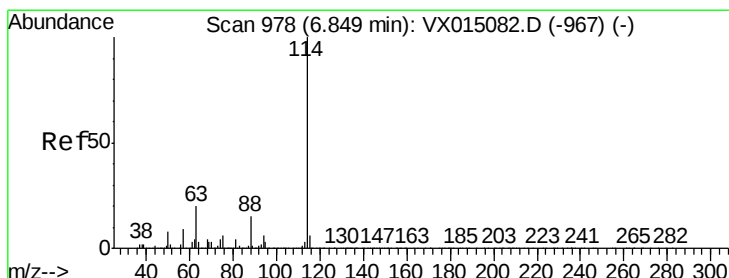
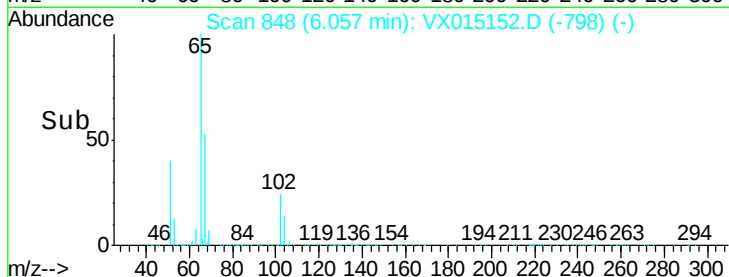
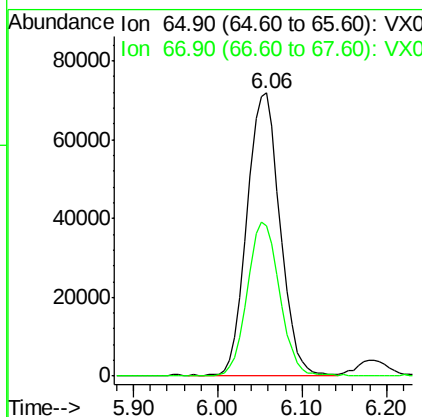
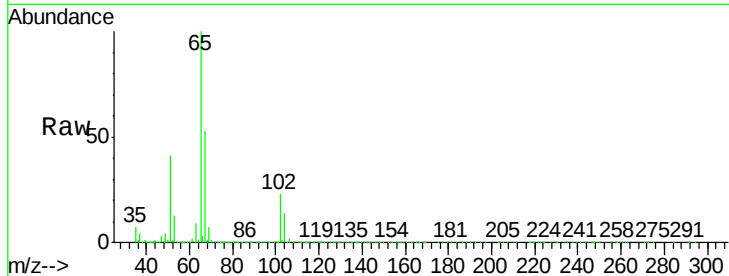
#33
 1,2-Dichloroethane-d4
 Concen: 49.062 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX015152.D
 Acq: 09 Mar 2020 18:45

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D2-20200305MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	190096		
67	53.3	0.0	105.6	

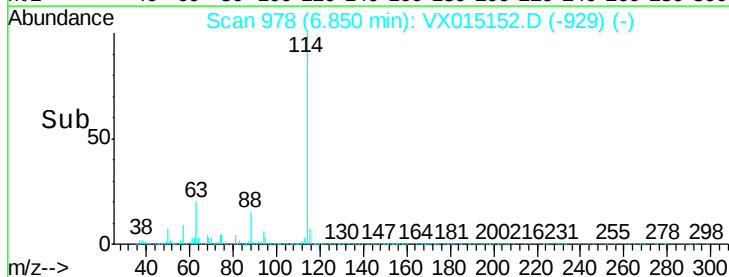
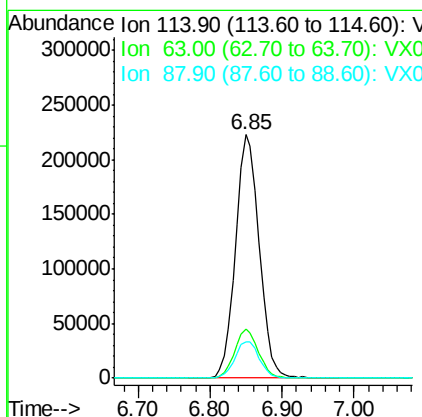
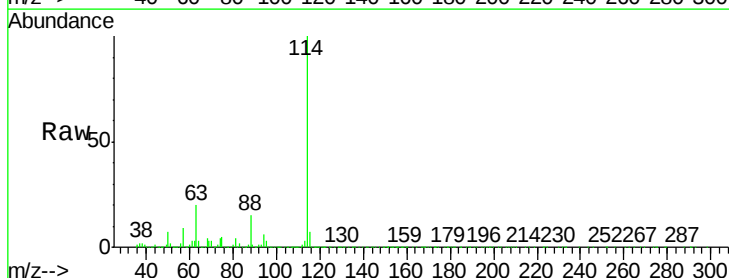
Manual Integrations
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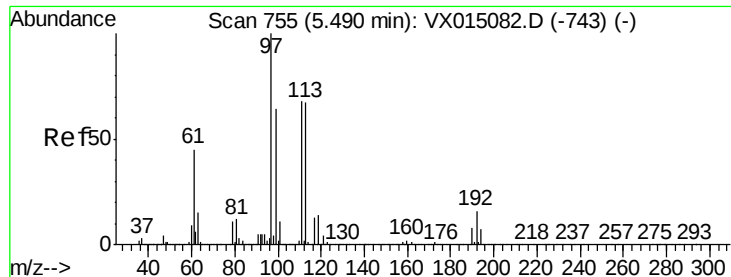
MMDadoda
 3/11/2020 4:45:02 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX015152.D
 Acq: 09 Mar 2020 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	508442		
63	20.1	0.0	40.0	
88	15.0	0.0	30.6	





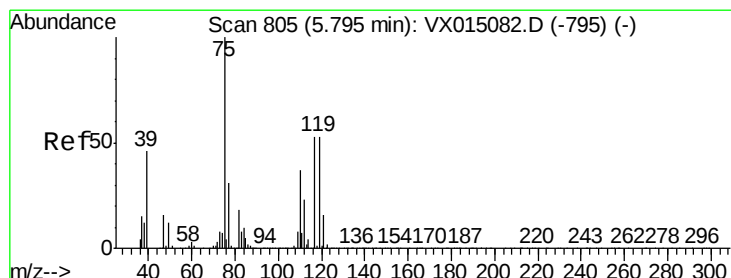
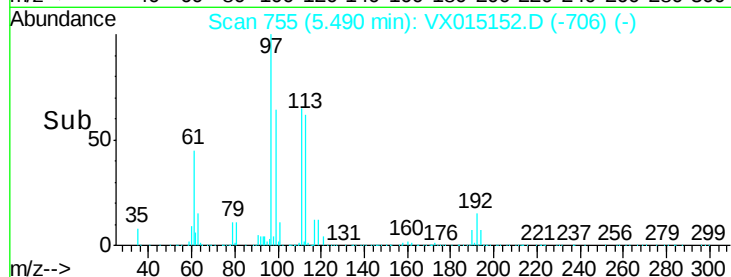
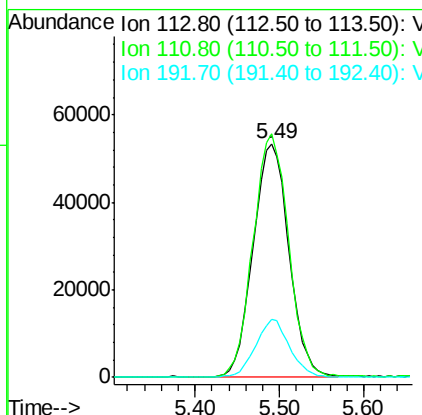
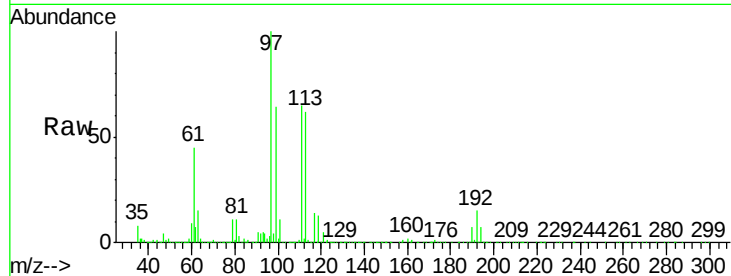
#35
Dibromofluoromethane
Concen: 48.460 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305MS

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.6	123.8
192	23.9	18.6	28.0

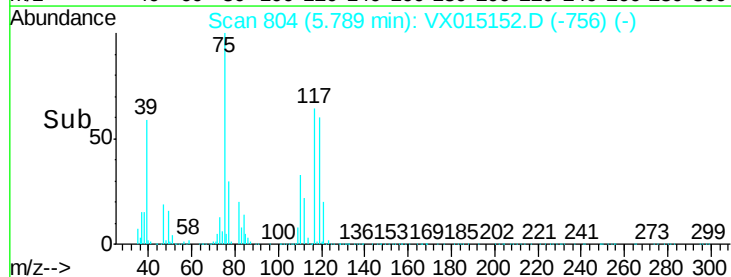
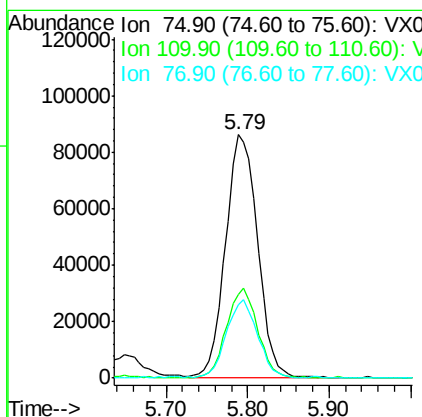
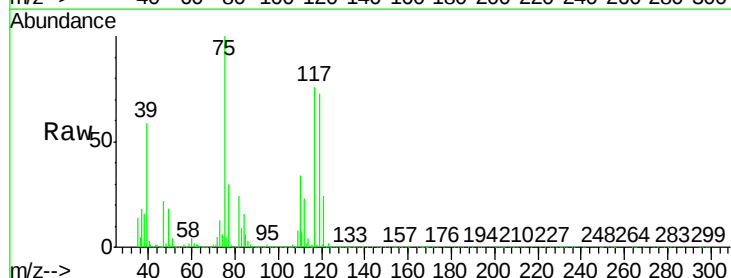
Manual Integrations
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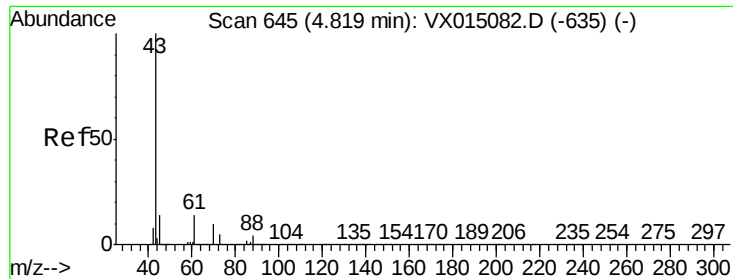
MMDadoda
3/11/2020 4:45:02 PM



#36
1,1-Dichloropropene
Concen: 49.519 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.4	17.9	53.8
77	30.7	24.8	37.2





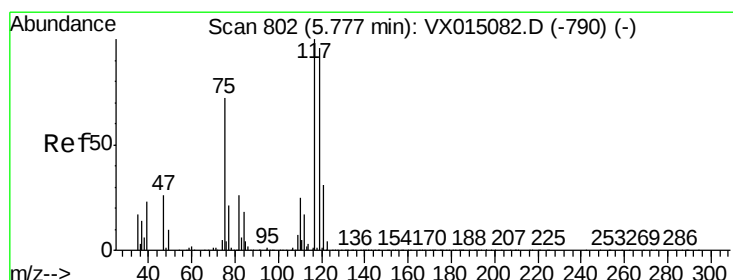
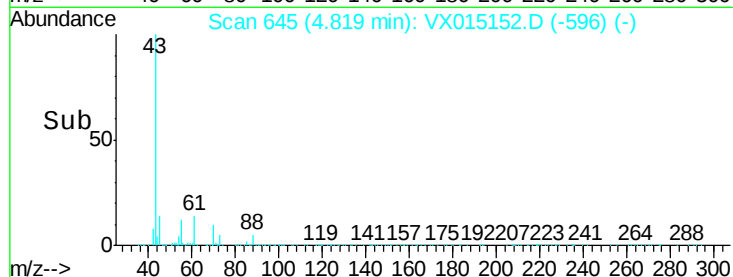
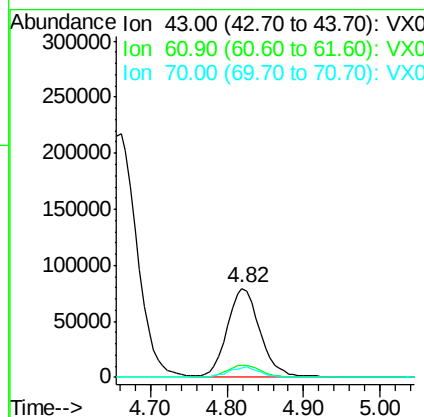
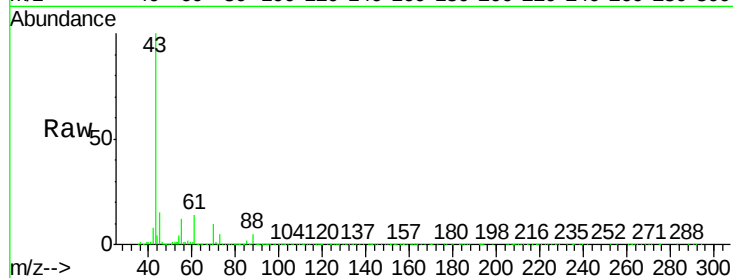
#37
Ethyl Acetate
Concen: 53.479 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305MS

Tot Ion	43	Resp	233174
Ion Ratio	Lower	Upper	
43	100		
61	13.9	11.0	16.4
70	10.4	8.1	12.1

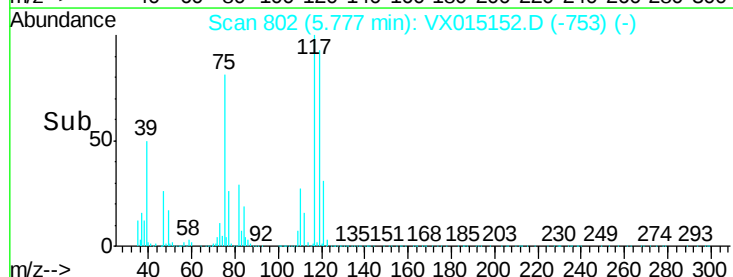
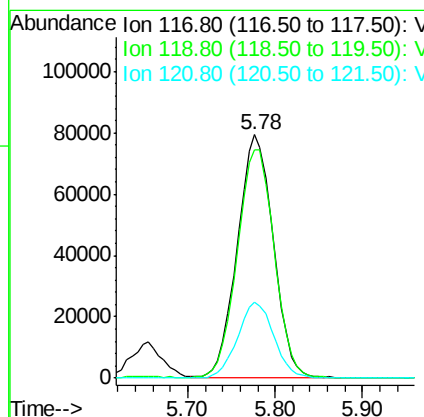
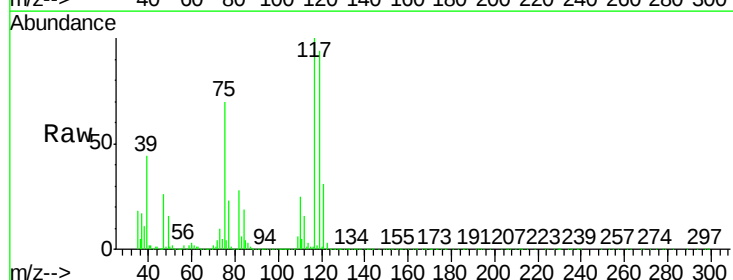
Manual Integrations
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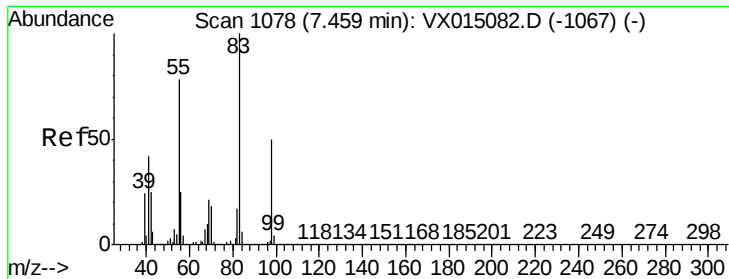
MMDadoda
3/11/2020 4:45:02 PM



#38
Carbon Tetrachloride
Concen: 51.040 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Tgt Ion	117	Resp	226450
Ion Ratio	Lower	Upper	
117	100		
119	94.0	76.9	115.3
121	31.1	24.6	37.0





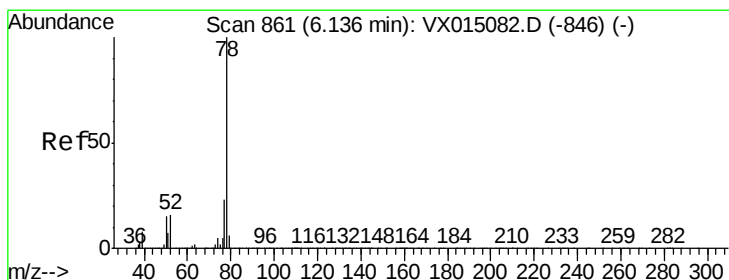
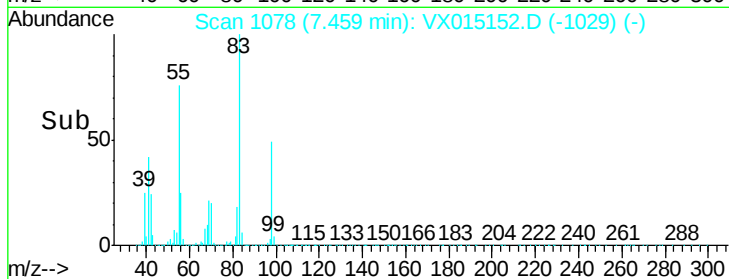
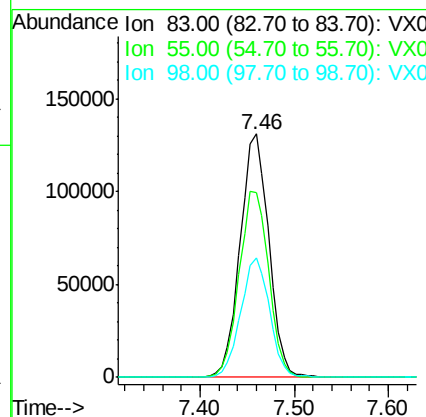
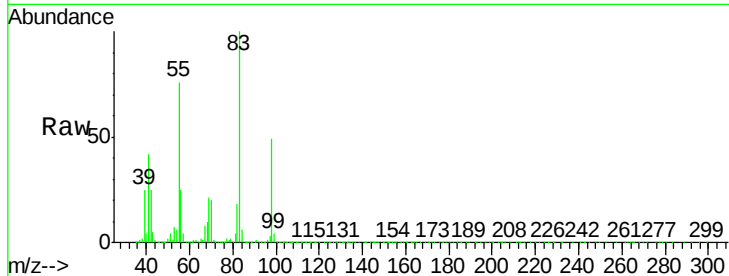
#39
Methvlcvclohexane
Concen: 50.868 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.5	62.4	93.6
98	49.2	39.7	59.5

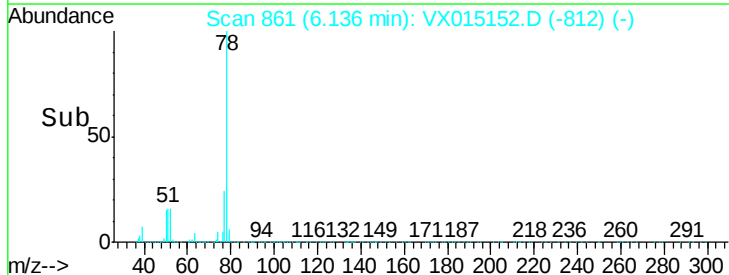
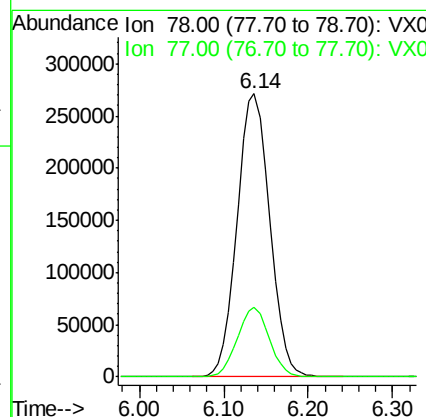
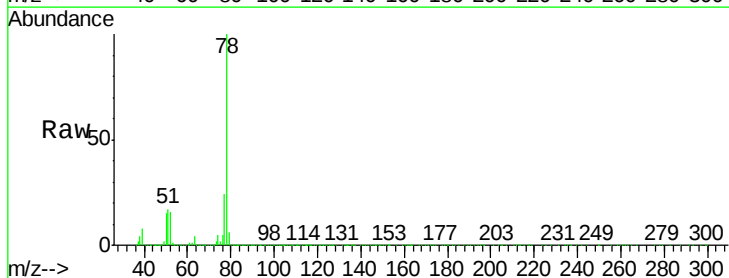
Manual Integrations
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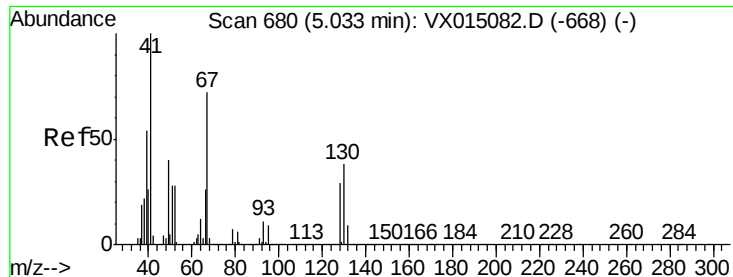
MMDadoda
3/11/2020 4:45:02 PM



#40
Benzene
Concen: 50.919 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.6	28.0





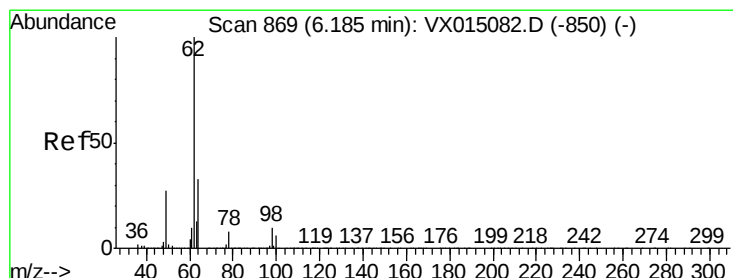
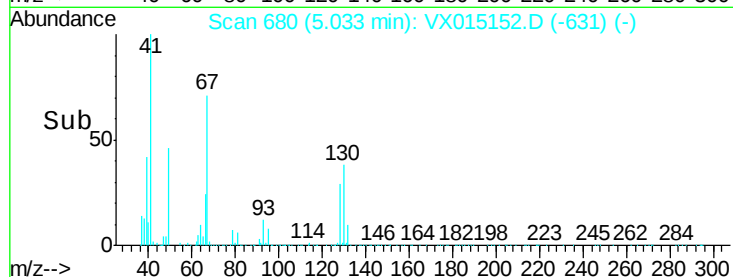
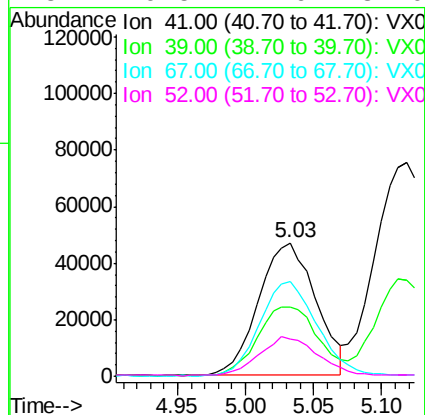
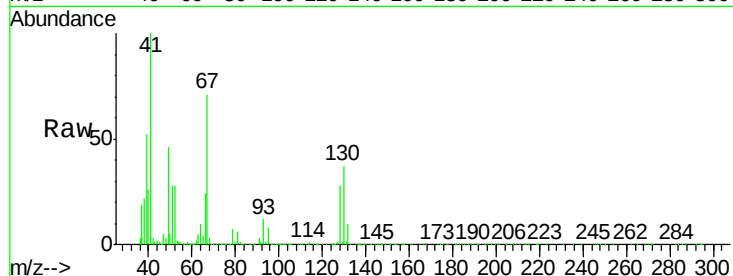
#41
Methacrylonitrile
Concen: 52.751 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		138150		
39	55.7	43.9	65.9		
67	71.2	57.8	86.8		
52	29.5	22.6	34.0		

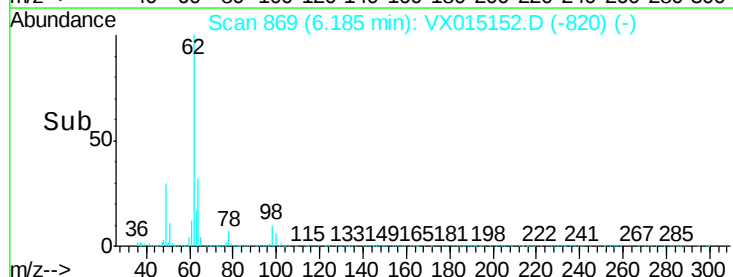
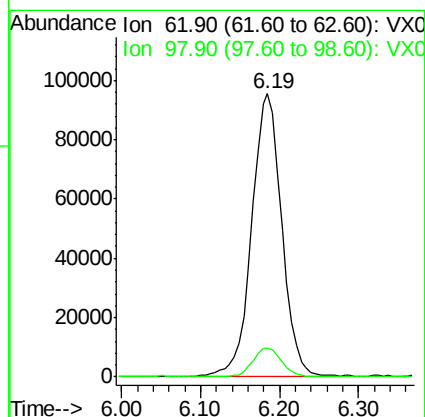
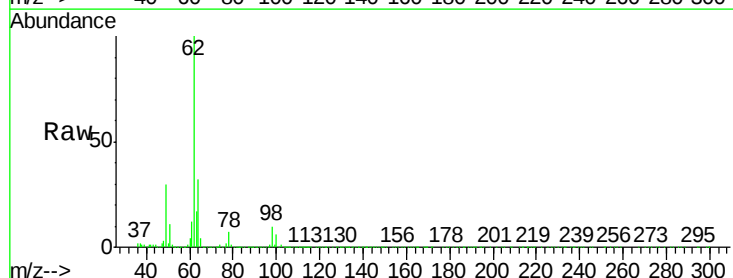
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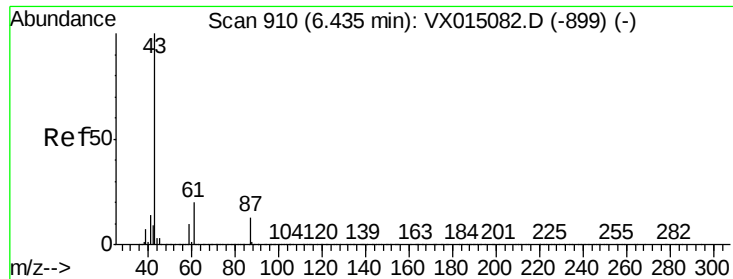
MMDadoda
3/11/2020 4:45:02 PM



#42
1,2-Dichloroethane
Concen: 52.170 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		249842		
98	10.2	0.0	20.6		





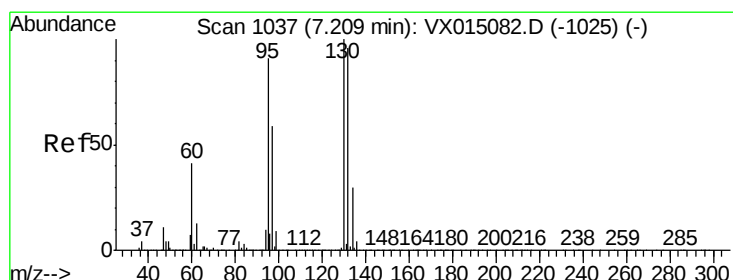
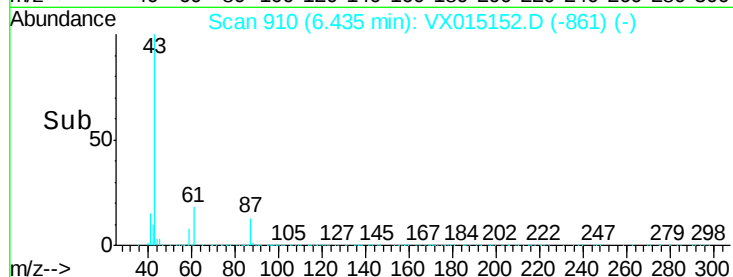
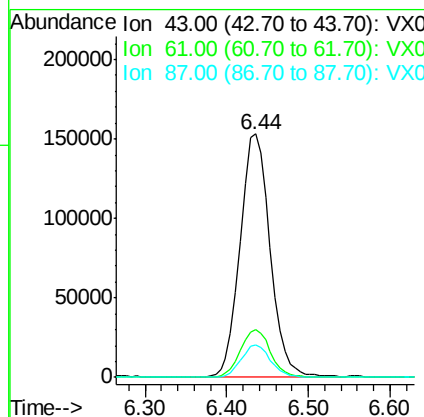
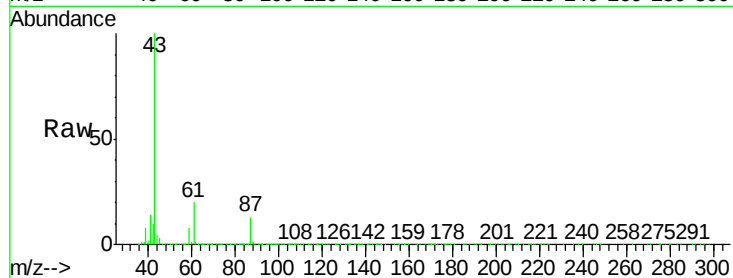
#43
Isopropyl Acetate
Concen: 50.757 ug/l
RT: 6.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.6	16.1	24.1
87	13.0	10.6	16.0

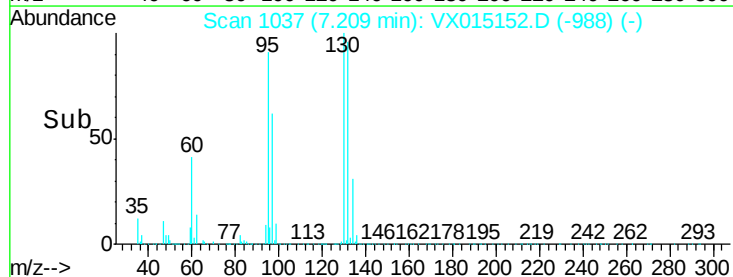
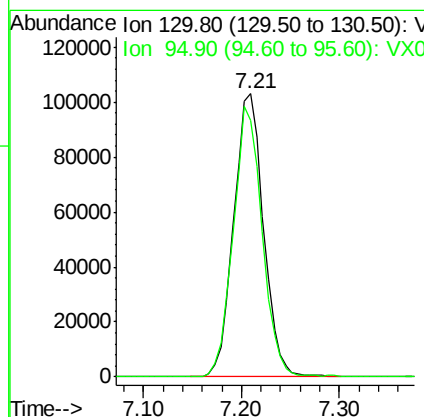
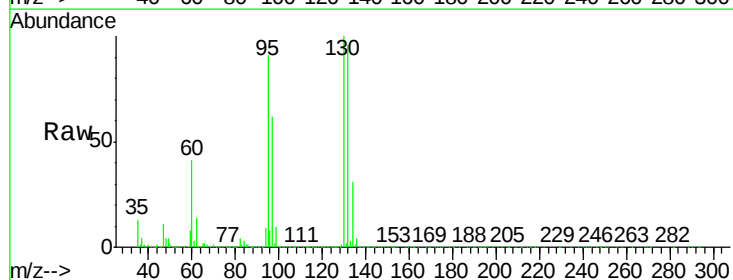
Manual Integrations
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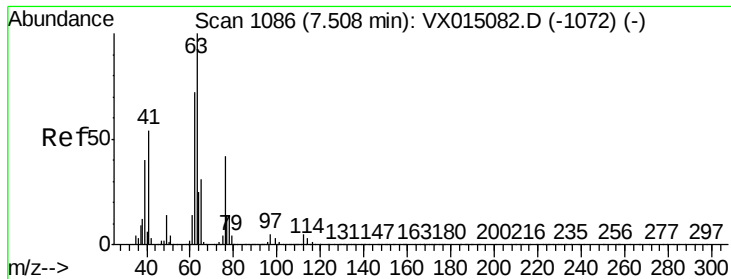
MMDadoda
3/11/2020 4:45:02 PM



#44
Trichloroethene
Concen: 55.927 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.7	0.0	181.2





#45

1,2-Dichloropropane

Concen: 51.417 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

RE132D2-20200305MS

Tot Ion: 63 Resp: 185594

Ion Ratio Lower Upper

63 100

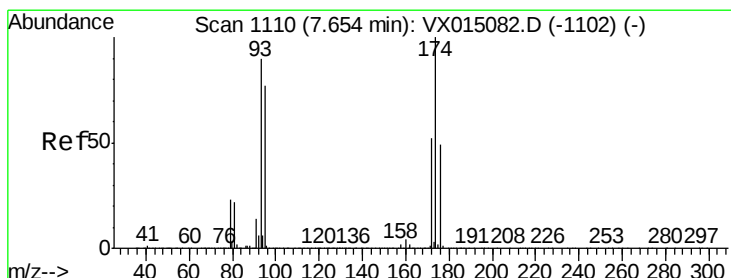
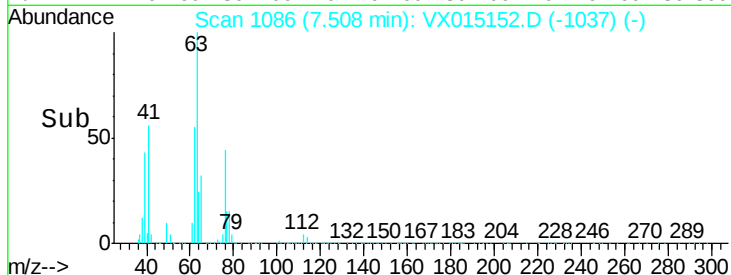
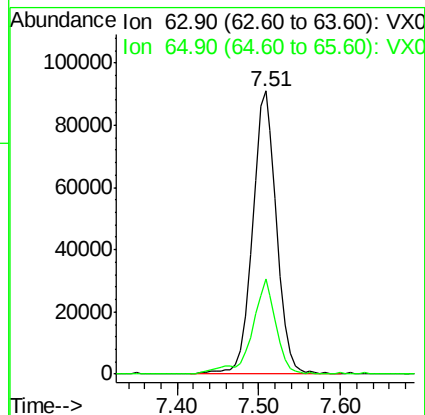
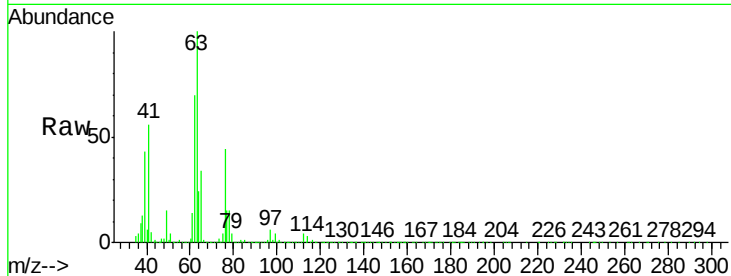
65 33.4 24.6 36.8

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#46

Dibromomethane

Concen: 51.401 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

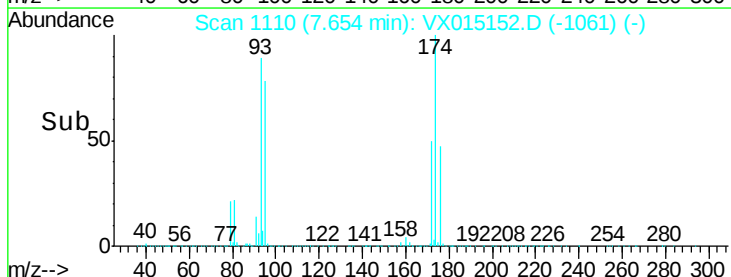
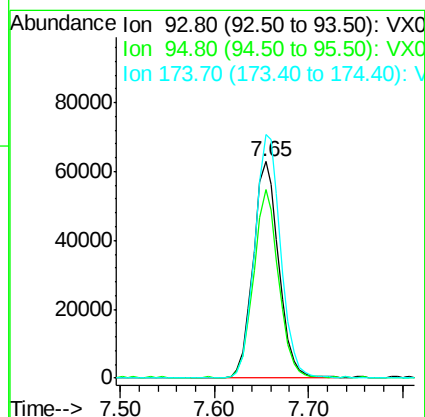
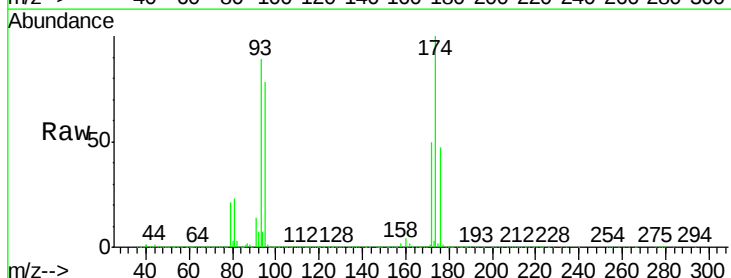
Tgt Ion: 93 Resp: 120894

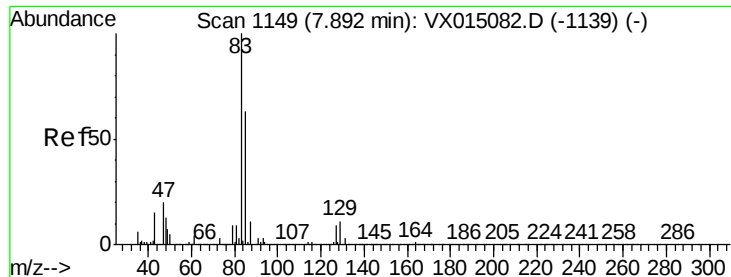
Ion Ratio Lower Upper

93 100

95 84.7 67.8 101.8

174 113.7 91.0 136.4





#47

Bromodichloromethane

Concen: 52.129 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Instrument :

MSVOA_X

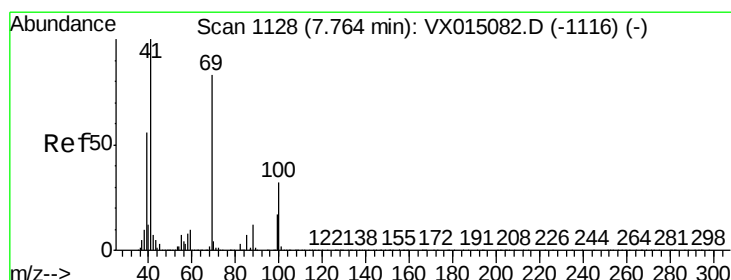
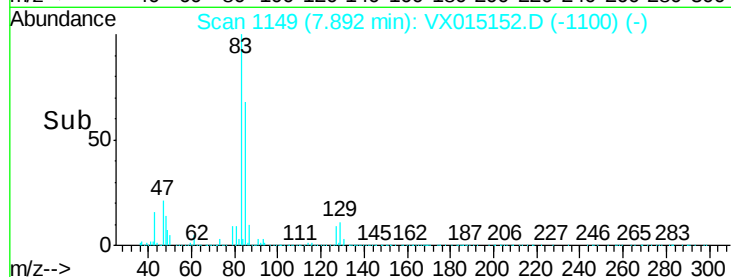
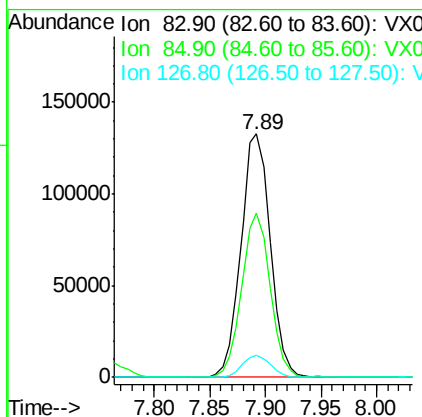
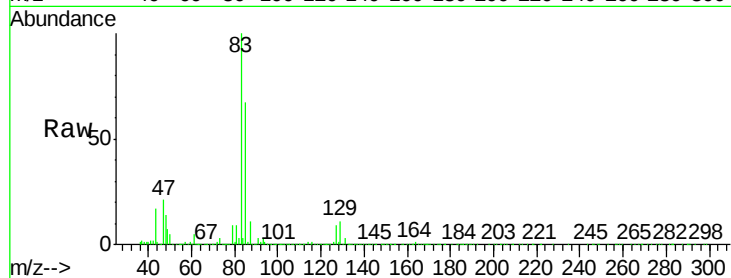
ClientSampleId :

RE132D2-20200305MS

Tot Ion:	83	Resp:	242453
Ion Ratio	Lower	Upper	
83	100		
85	67.4	50.6	75.8
127	8.9	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.569 ug/l

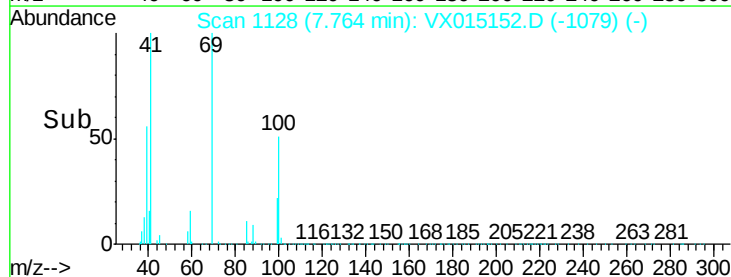
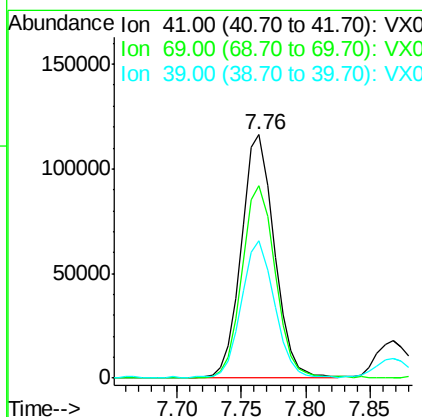
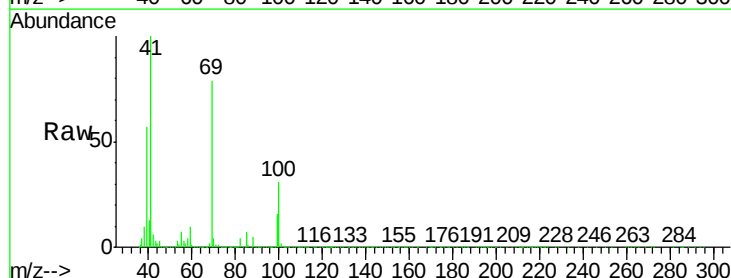
RT: 7.76 min Scan# 1128

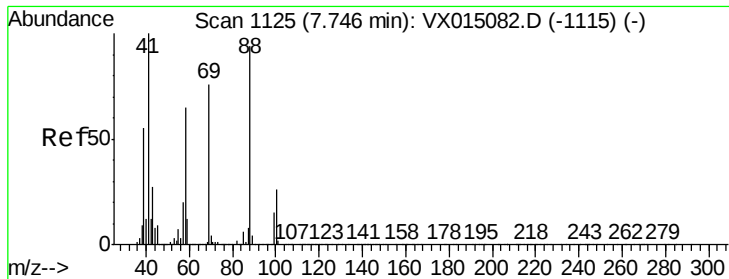
Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Tgt Ion:	41	Resp:	205221
Ion Ratio	Lower	Upper	
41	100		
69	80.9	65.4	98.2
39	56.2	44.6	67.0





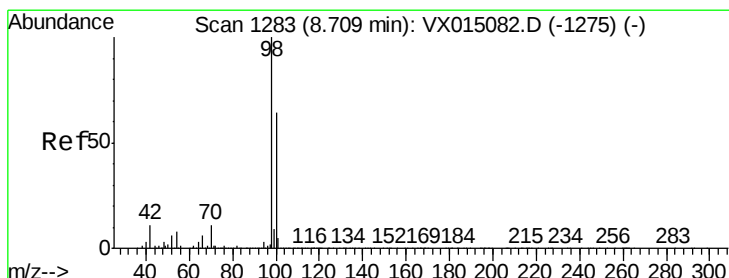
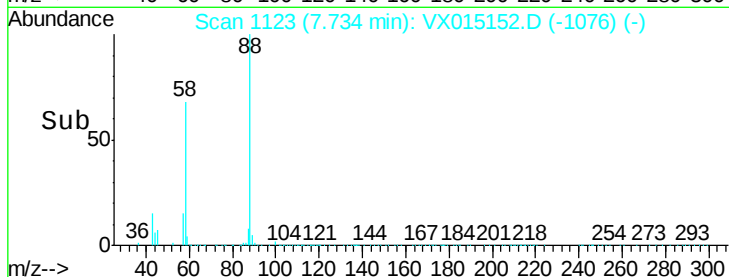
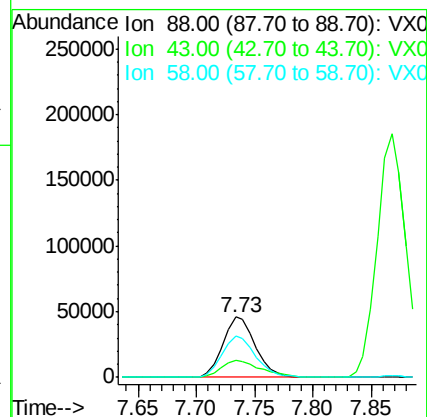
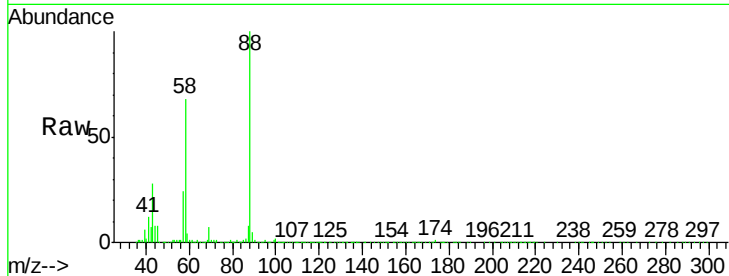
#49
1,4-Dioxane
Concen: 1040.773 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.01 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.7	27.0	40.4
58	72.1	55.6	83.4

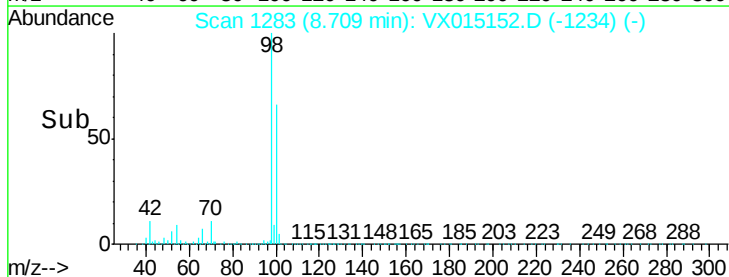
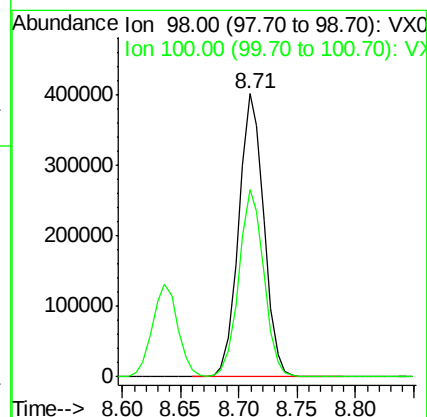
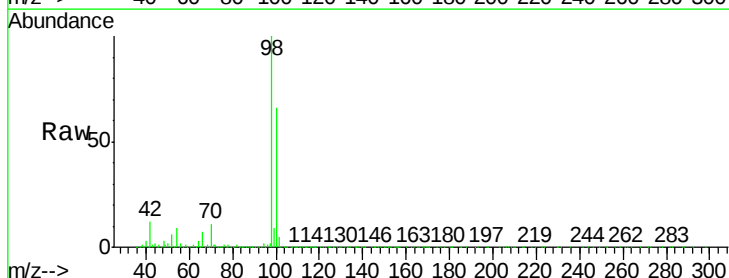
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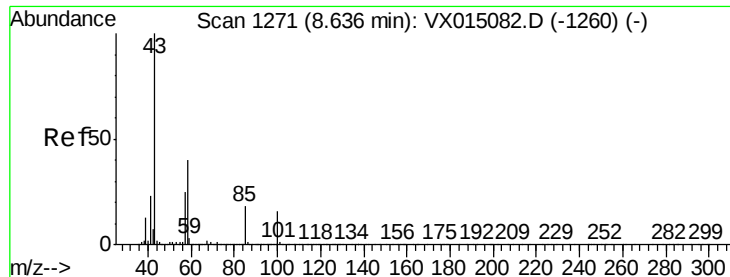
MMDadoda
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#50
Toluene-d8
Concen: 49.480 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 278.055 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

RE132D2-20200305MS

Tot Ion: 43 Resp: 1260993

Ion Ratio Lower Upper

43 100

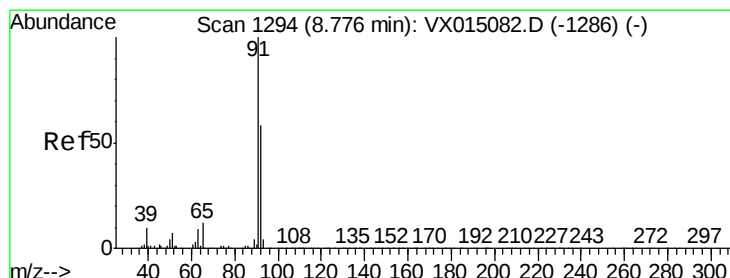
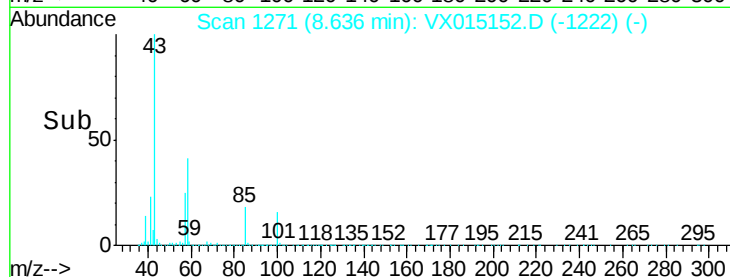
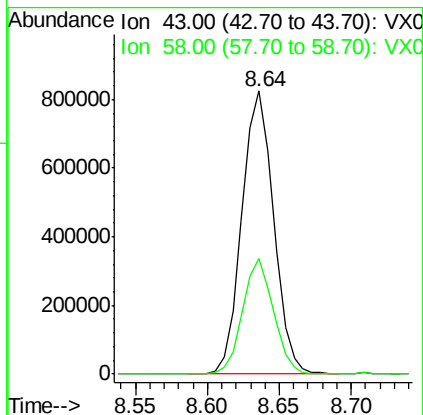
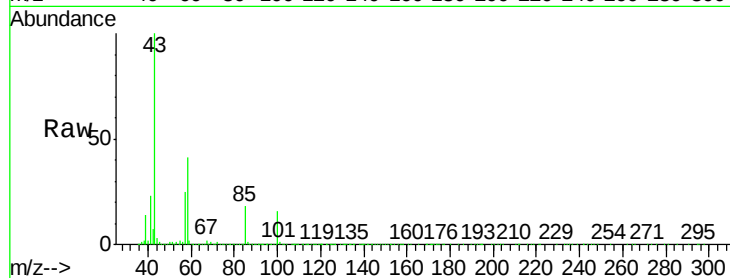
58 39.6 31.6 47.4

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#52

Toluene

Concen: 52.901 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX015152.D

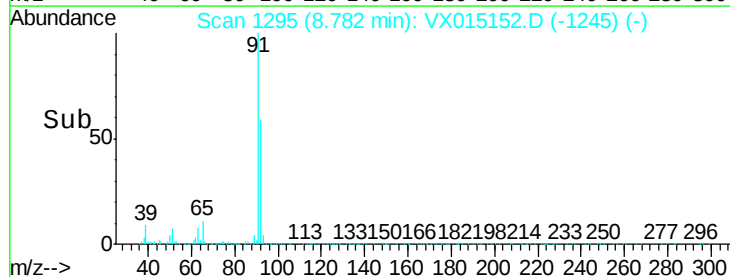
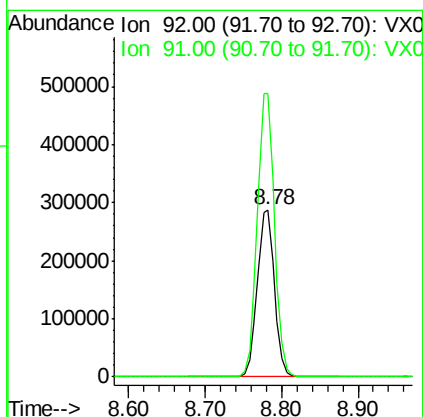
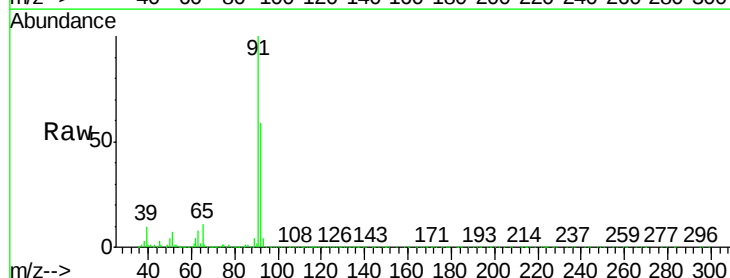
Acq: 09 Mar 2020 18:45

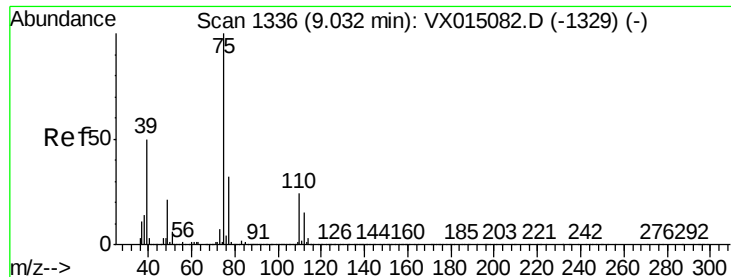
Tgt Ion: 92 Resp: 451068

Ion Ratio Lower Upper

92 100

91 170.4 136.9 205.3





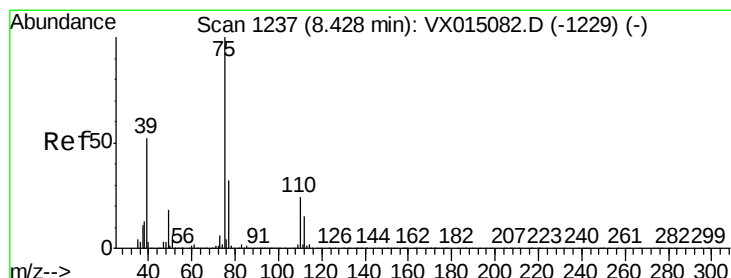
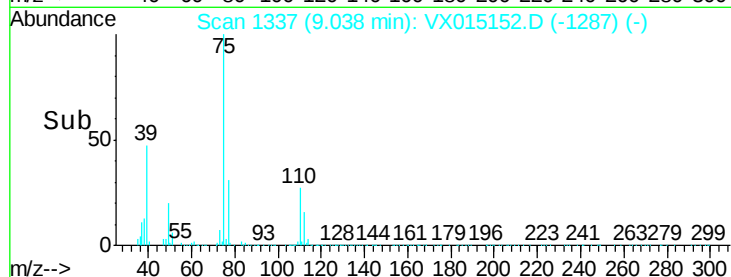
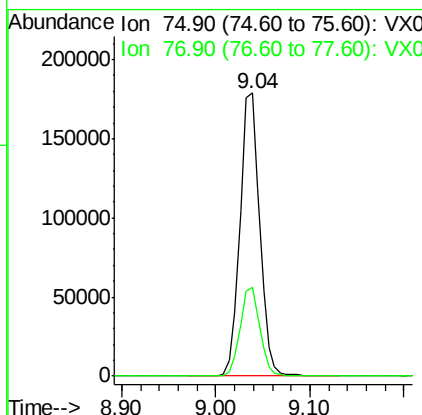
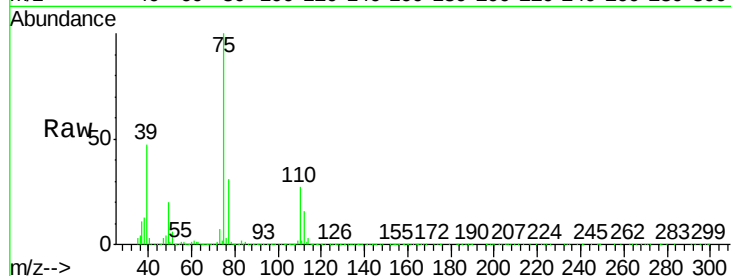
#53
t-1,3-Dichloropropene
Concen: 52.571 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.01 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.4	38.0

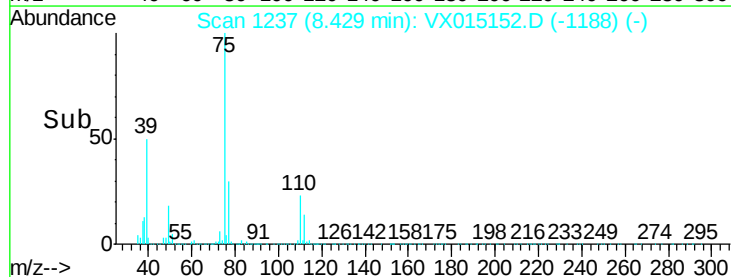
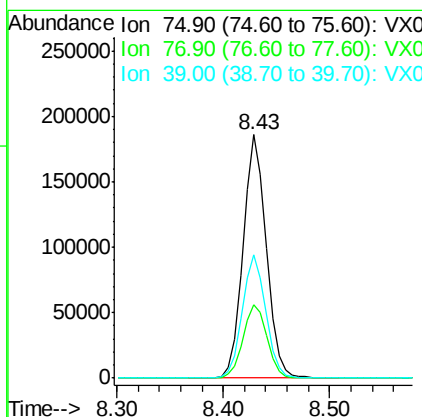
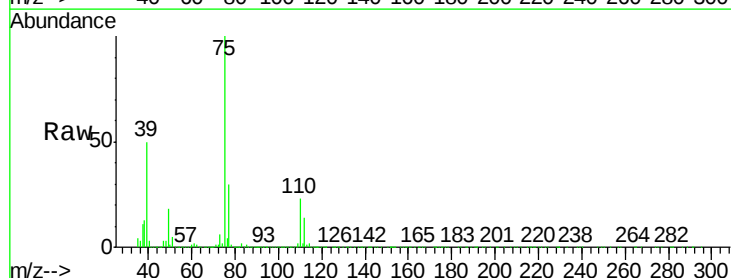
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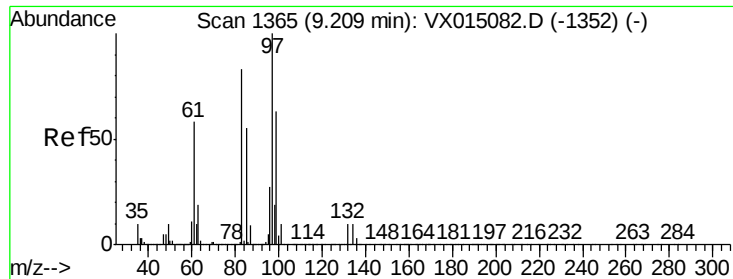
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#54
cis-1,3-Dichloropropene
Concen: 50.759 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.2	25.8	38.6
39	50.3	41.3	61.9





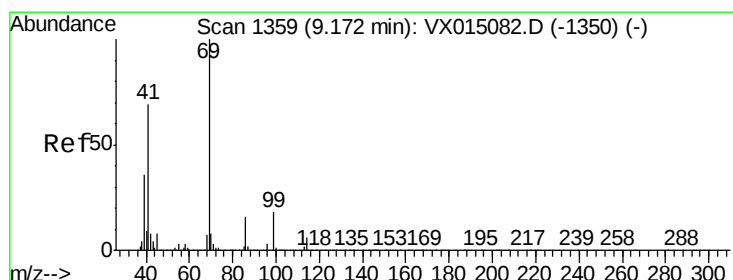
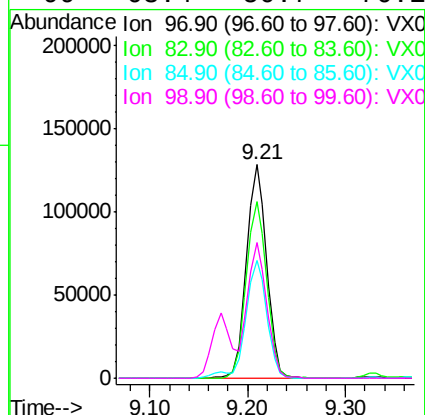
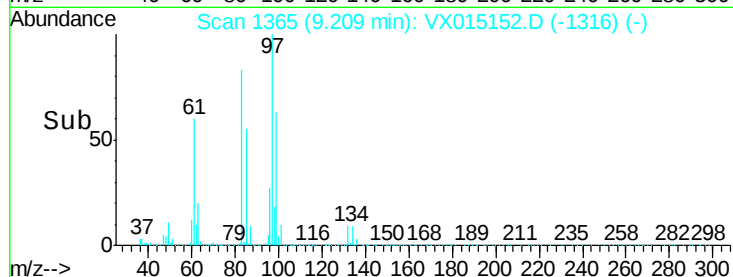
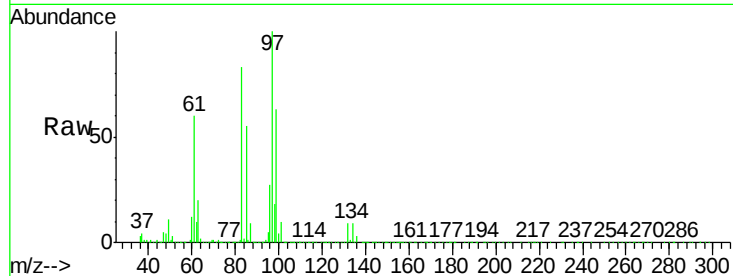
#55
 1,1,2-Trichloroethane
 Concen: 52.301 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX015152.D
 Acq: 09 Mar 2020 18:45

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D2-20200305MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		183551		
83	82.8	66.4	99.6		
85	55.0	43.5	65.3		
99	63.4	50.7	76.1		

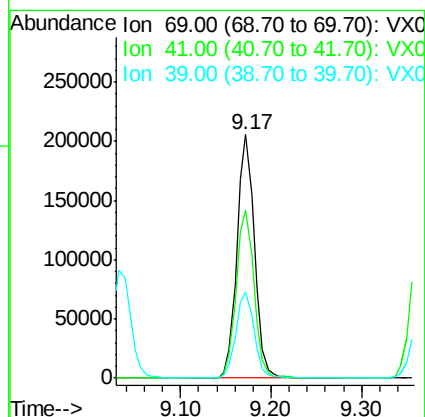
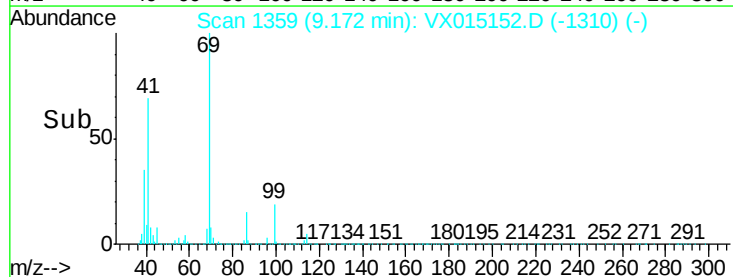
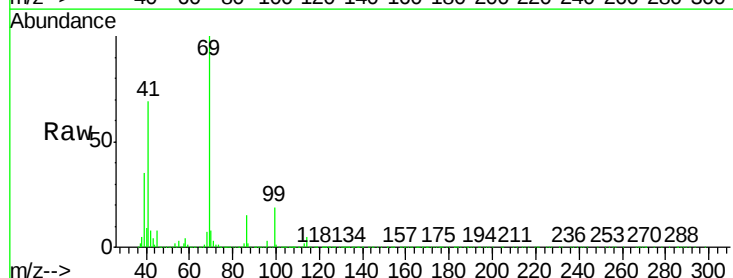
Manual Integrations
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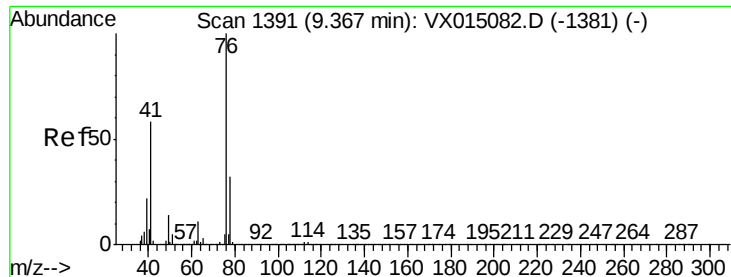
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#56
 Ethyl methacrylate
 Concen: 55.015 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX015152.D
 Acq: 09 Mar 2020 18:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		275396		
41	70.0	55.8	83.8		
39	36.4	29.4	44.2		





#57

1,3-Dichloropropane

Concen: 52.800 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

RE132D2-20200305MS

Tot Ion: 76 Resp: 311747

Ion Ratio Lower Upper

76 100

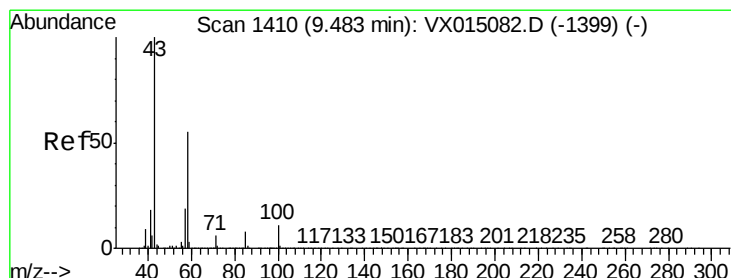
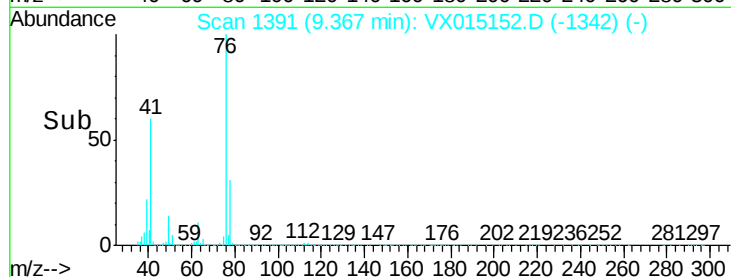
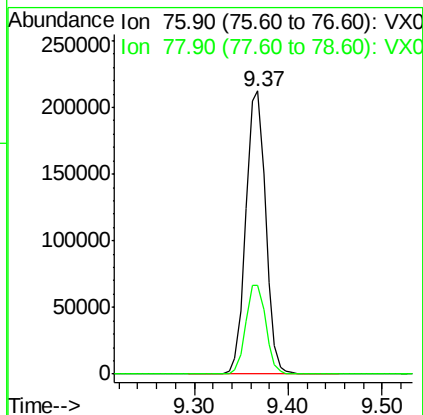
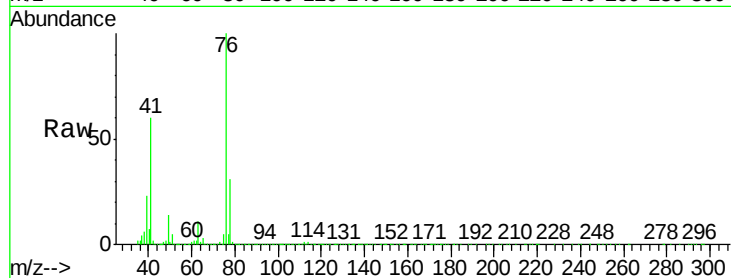
78 31.9 25.6 38.4

Manual Integrations

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#59

2-Hexanone

Concen: 283.100 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX015152.D

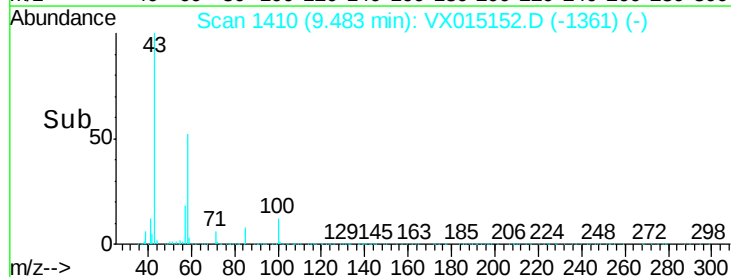
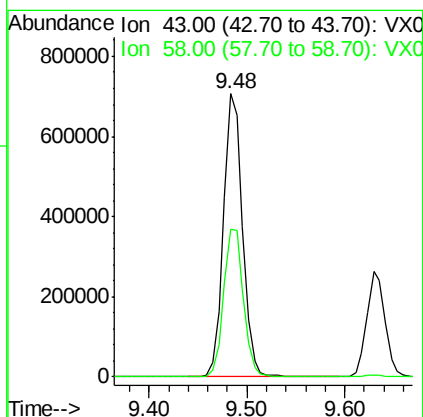
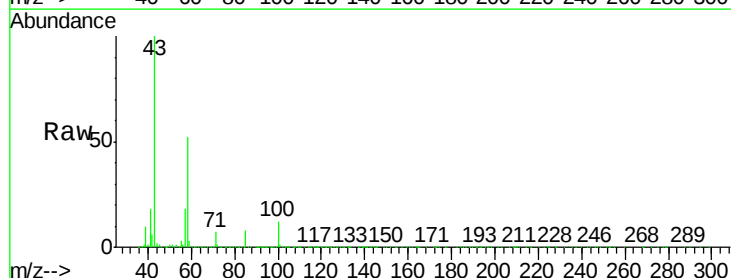
Acq: 09 Mar 2020 18:45

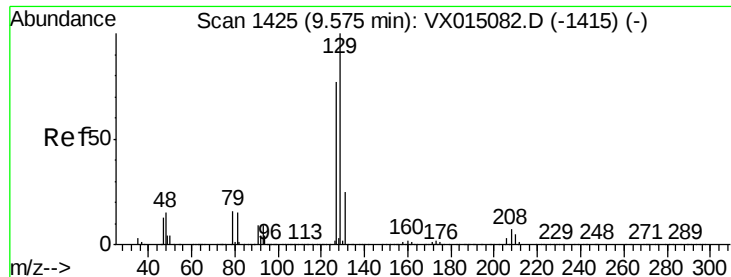
Tgt Ion: 43 Resp: 951588

Ion Ratio Lower Upper

43 100

58 54.5 27.3 81.8





#60

Dibromochloromethane

Concen: 53.639 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

RE132D2-20200305MS

Tot Ion:129 Resp: 197745

Ion Ratio Lower Upper

129 100

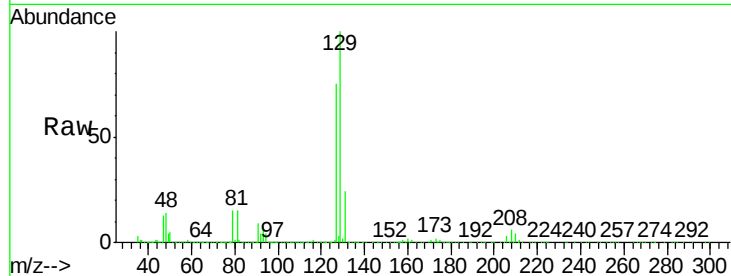
127 77.8 38.8 116.3

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.57

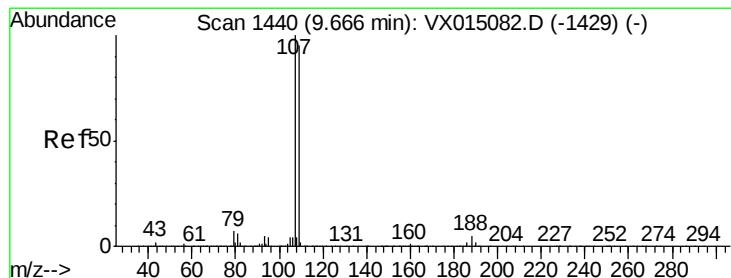
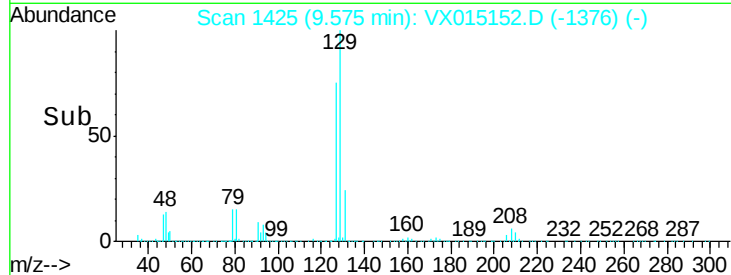
150000

100000

50000

0

Time-->



#61

1,2-Dibromoethane

Concen: 51.907 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015152.D

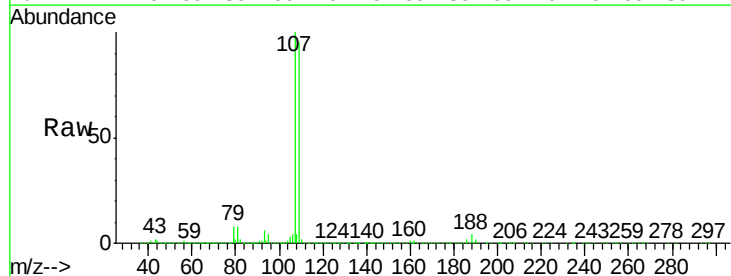
Acq: 09 Mar 2020 18:45

Tgt Ion:107 Resp: 191339

Ion Ratio Lower Upper

107 100

109 93.7 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

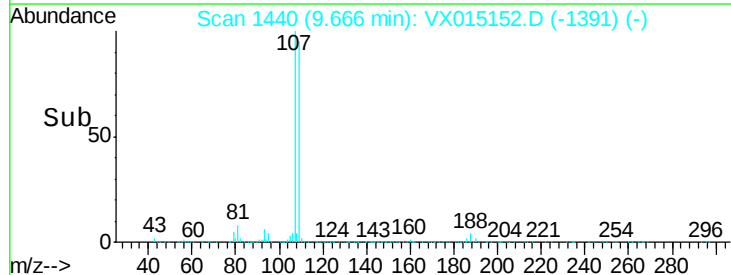
150000

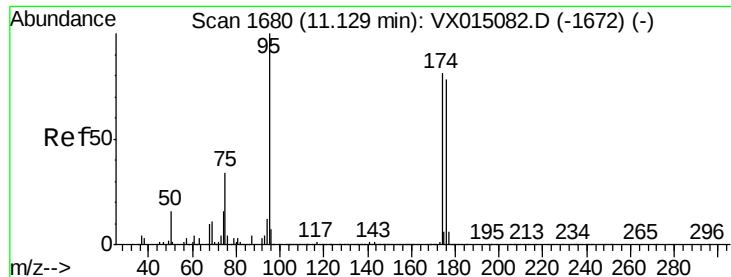
100000

50000

0

Time-->





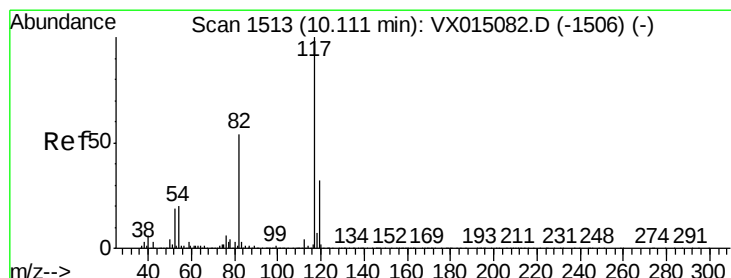
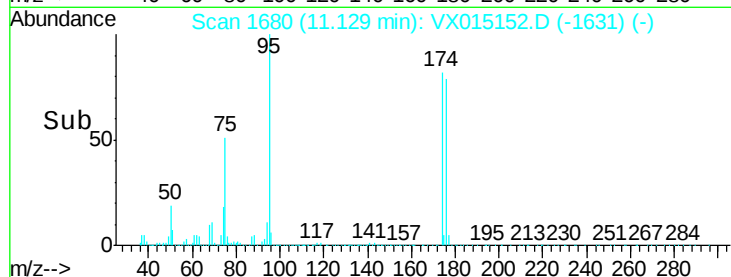
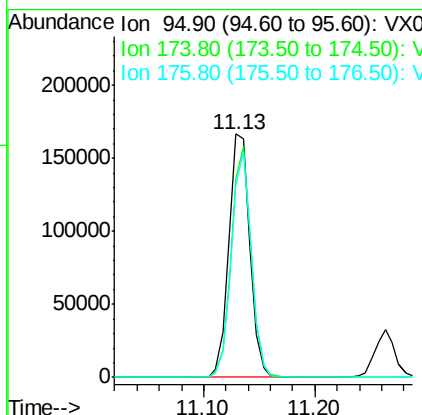
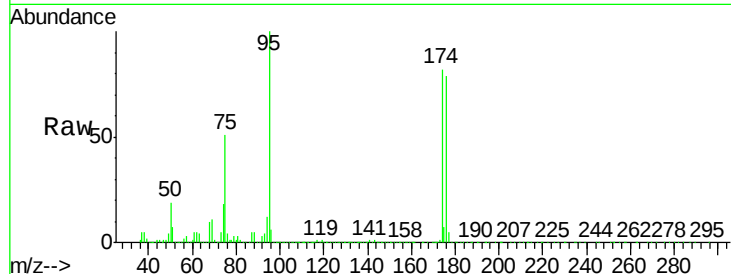
#62
4-Bromofluorobenzene
Concen: 49.759 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	216554		
174	89.9	0.0	177.6	
176	87.5	0.0	170.2	

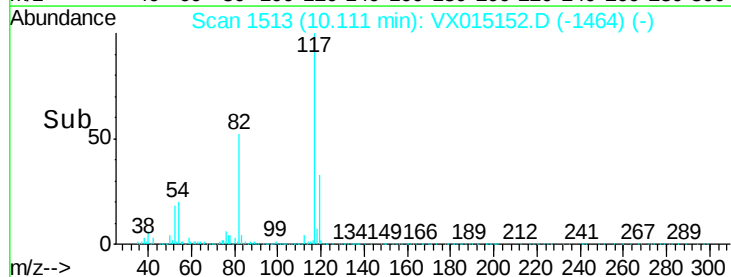
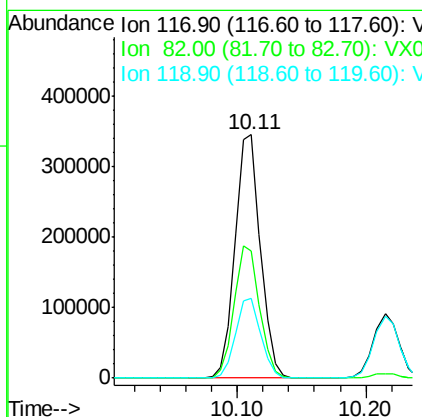
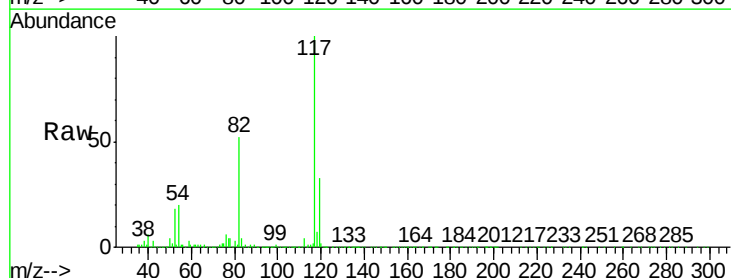
Manual Integrations
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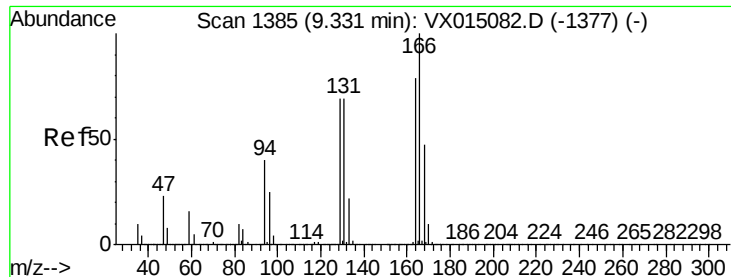
MMDadoda
3/11/2020 4:45:02 PM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	473155		
82	52.3	43.3	64.9	
119	32.6	25.8	38.8	





#64

Tetrachloroethene

Concen: 49.428 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

RE132D2-20200305MS

Tot Ion:164 Resp: 193366

Ion Ratio Lower Upper

164 100

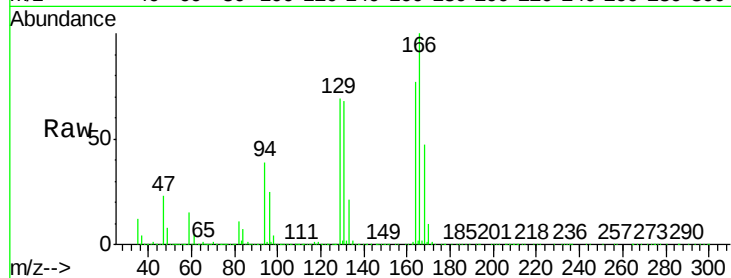
166 129.7 101.1 151.7

129 89.6 69.4 104.0

131 87.9 69.8 104.8

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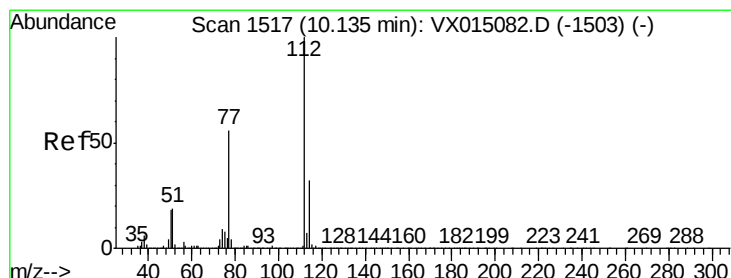
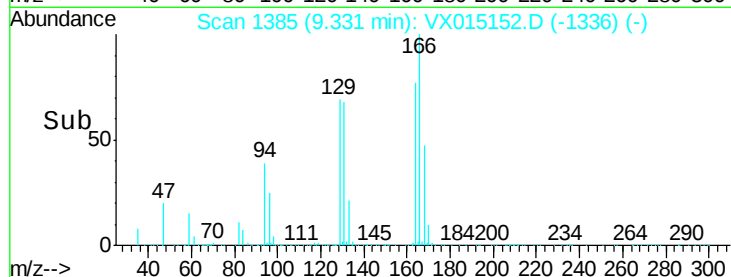
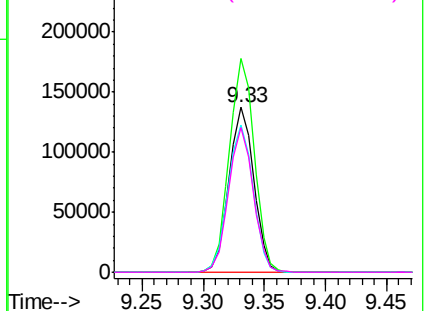


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 51.275 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX015152.D

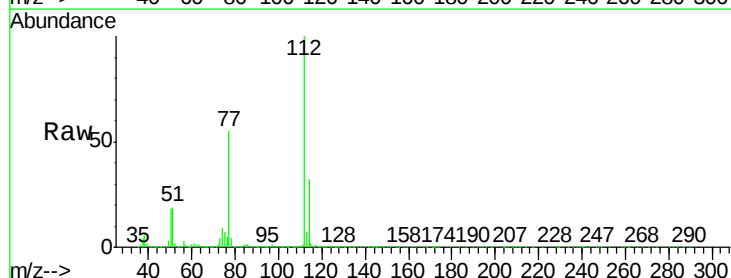
Acq: 09 Mar 2020 18:45

Tgt Ion:112 Resp: 487073

Ion Ratio Lower Upper

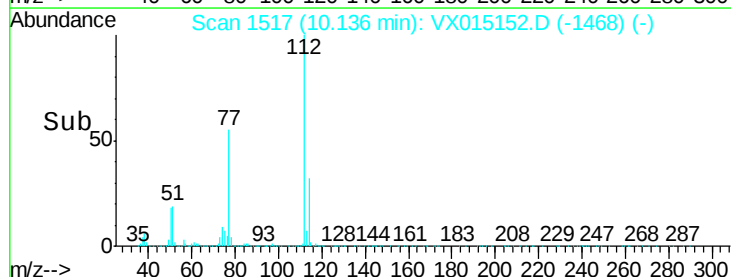
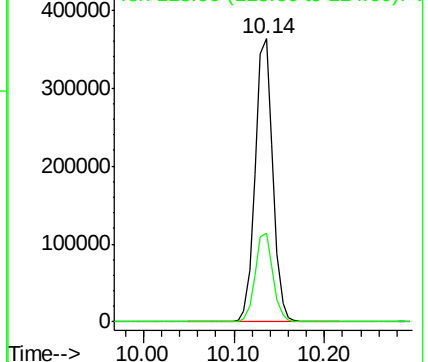
112 100

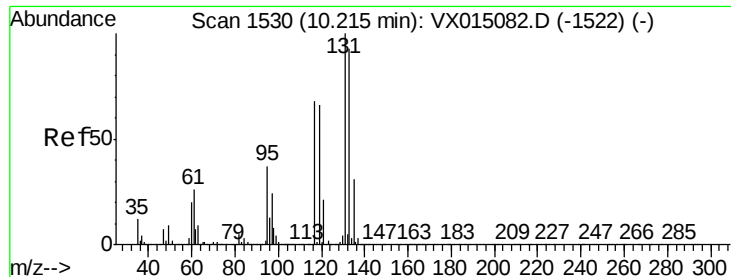
114 31.6 25.5 38.3



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: 50.921 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Instrument :

MSVOA_X

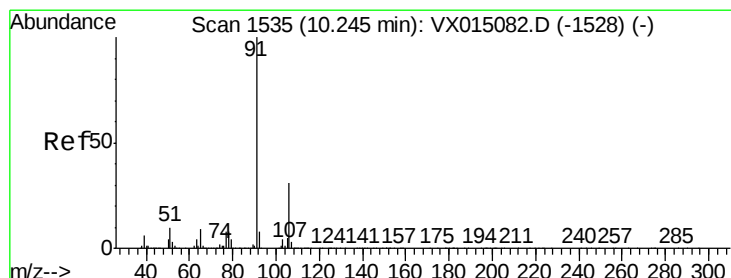
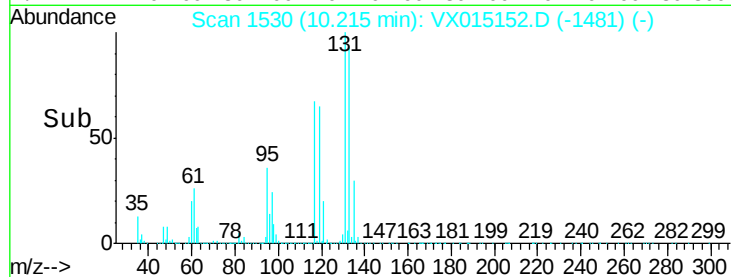
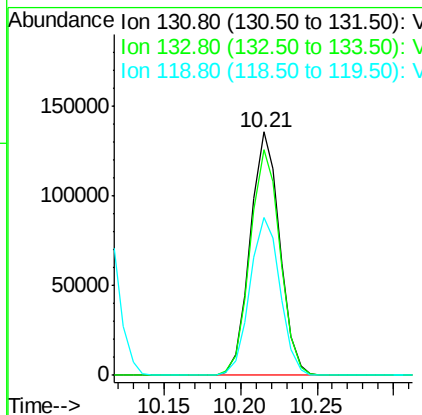
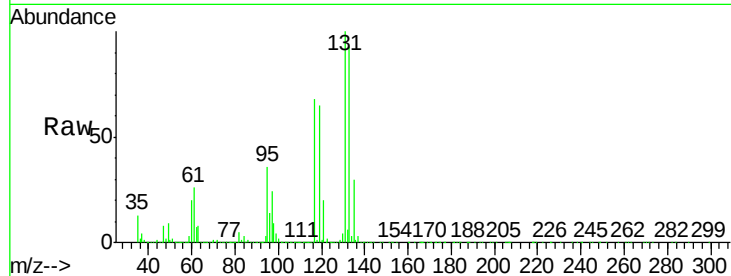
ClientSampleId :

RE132D2-20200305MS

Tot Ion:	131	Resp:	182395
Ion Ratio	Lower	Upper	
131	100		
133	94.1	47.5	142.5
119	65.9	33.4	100.1

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#67

Ethyl Benzene

Concen: 53.124 ug/l

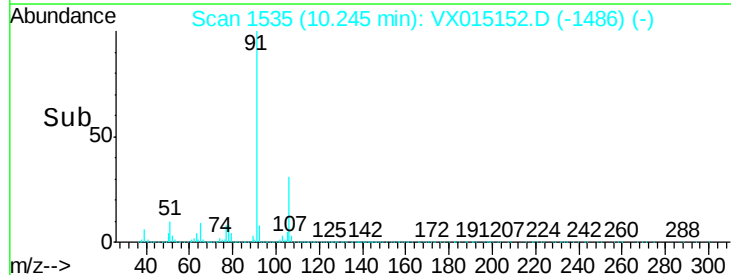
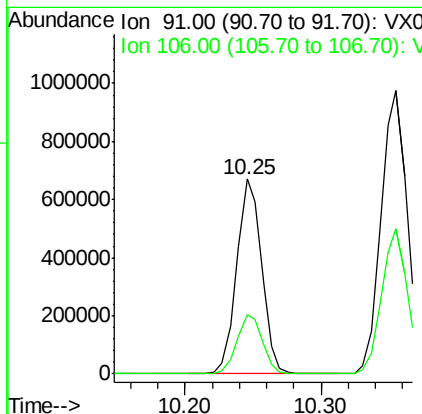
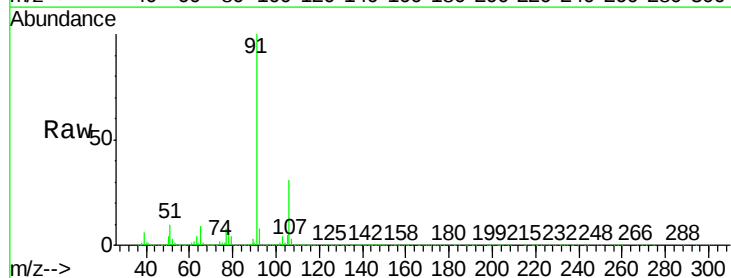
RT: 10.25 min Scan# 1535

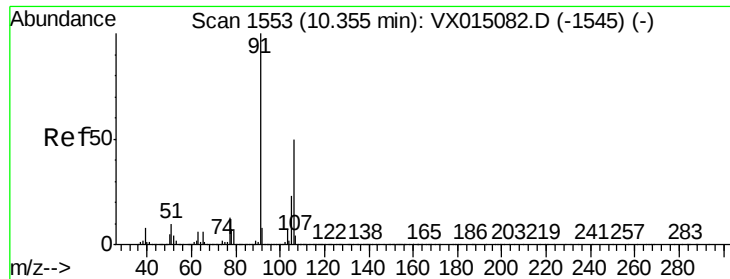
Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Tgt Ion:	91	Resp:	856932
Ion Ratio	Lower	Upper	
91	100		
106	30.8	24.9	37.3





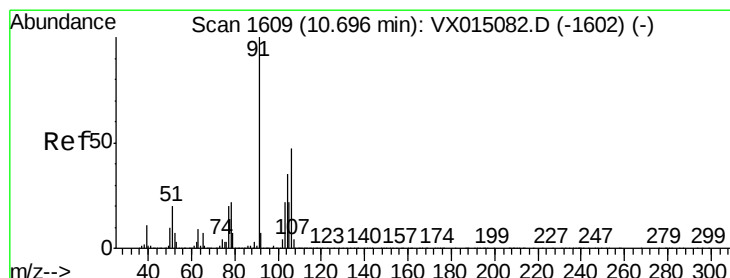
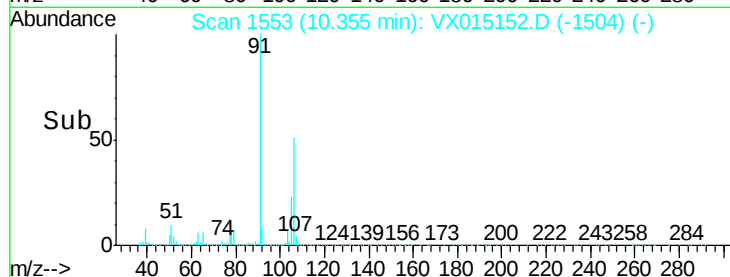
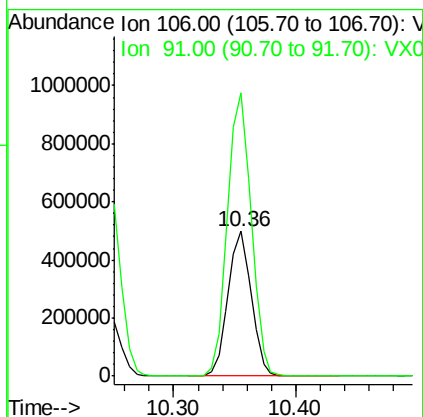
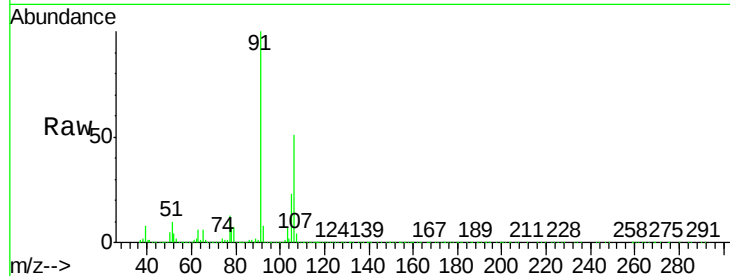
#68
m/p-Xylenes
Concen: 106.512 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305MS

Tot Ion	Ratio	Lower	Upper
106	100		
91	199.8	159.4	239.2

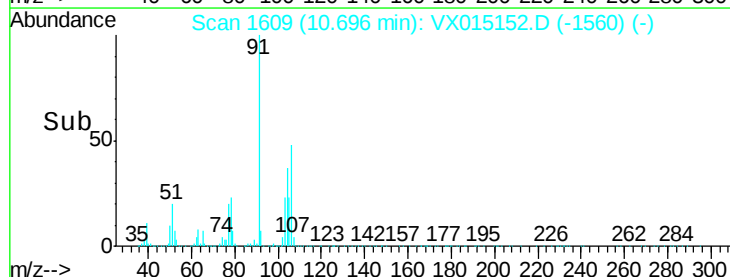
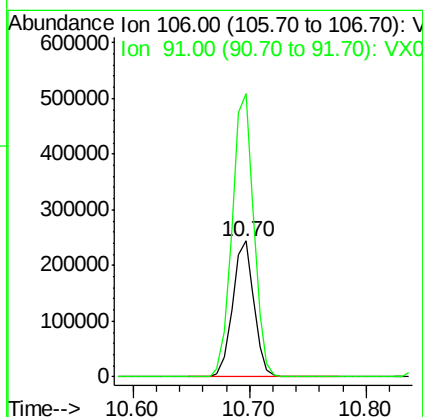
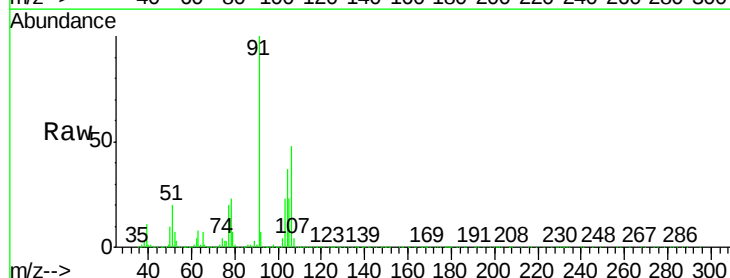
Manual Integrations
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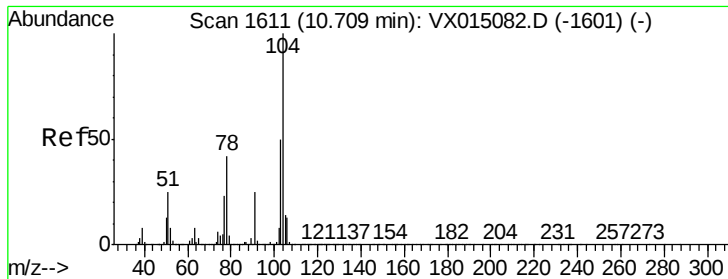
MMDadoda
3/11/2020 4:45:02 PM



#69
o-Xylene
Concen: 52.982 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Tgt Ion	Ratio	Lower	Upper
106	100		
91	211.7	105.4	316.1





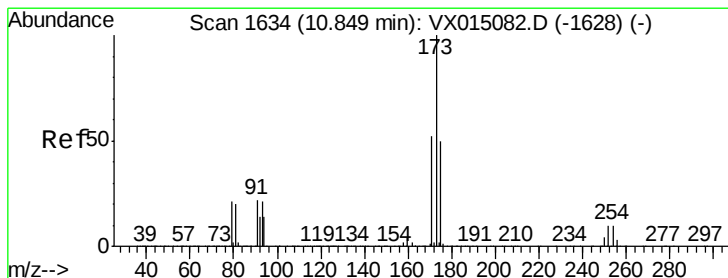
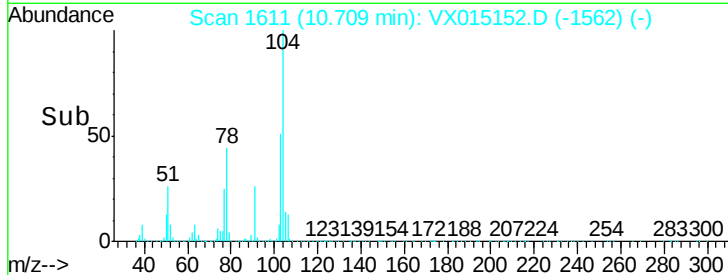
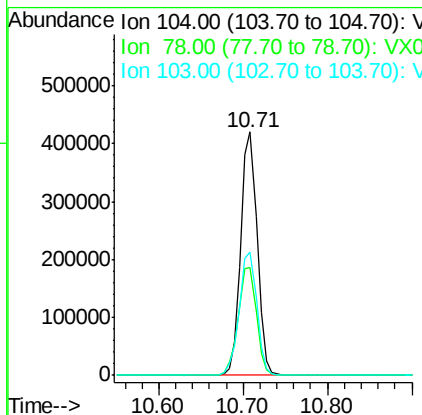
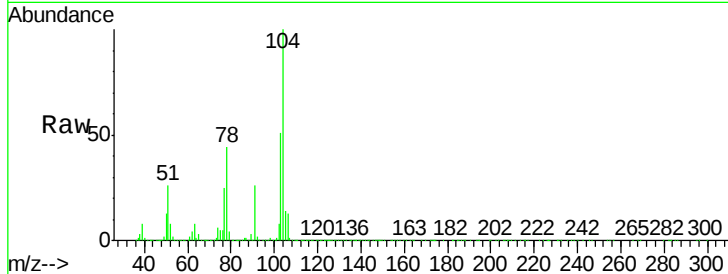
#70
Stvrene
Concen: 53.953 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305MS

Tot Ion	Ratio	Resp	Lower	Upper
104	100	543574		
78	49.3	39.0	58.4	
103	54.9	43.7	65.5	

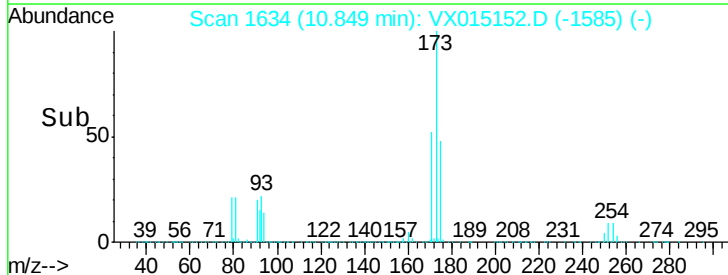
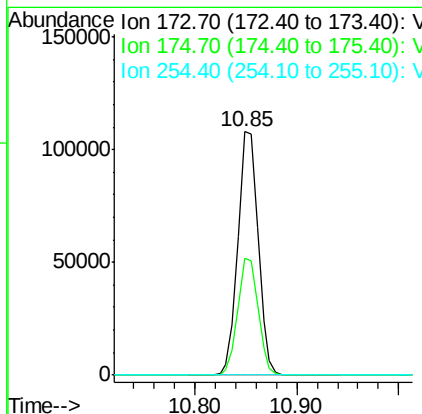
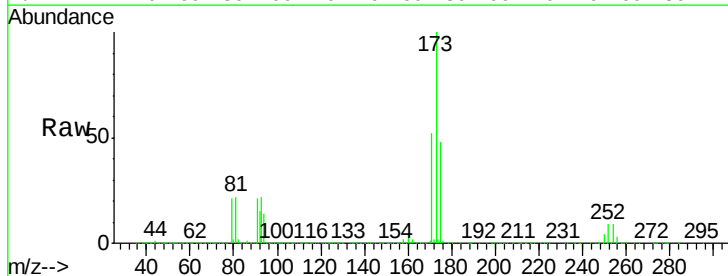
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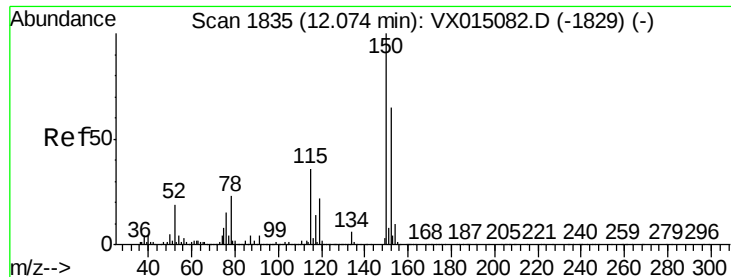
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3/11/2020 4:45:02 PM



#71
Bromoform
Concen: 53.044 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	147337		
175	48.5	24.9	74.7	
254	0.2	0.2	0.2	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

RE132D2-20200305MS

Tot Ion:152 Resp: 257956

Ion Ratio Lower Upper

152 100

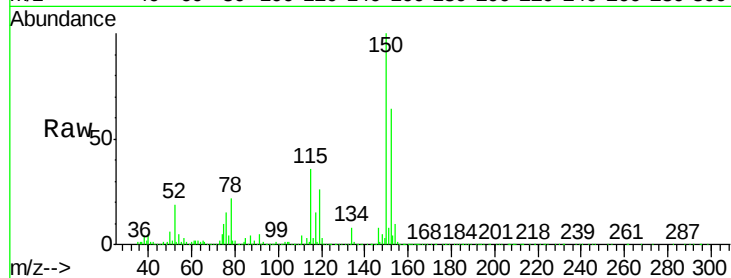
115 77.0 38.2 114.6

150 171.0 0.0 343.8

Manual Integrations
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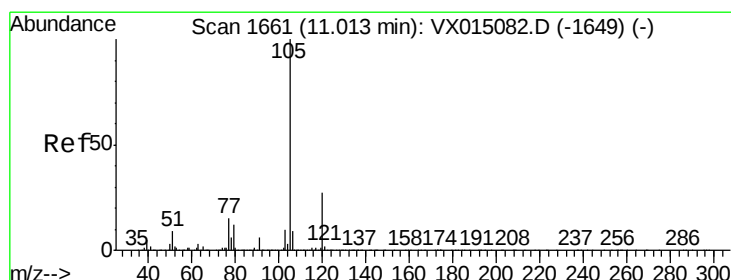
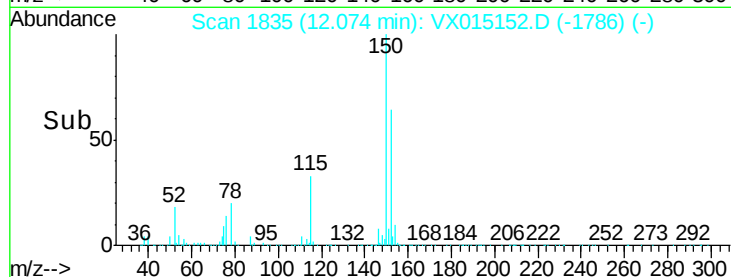
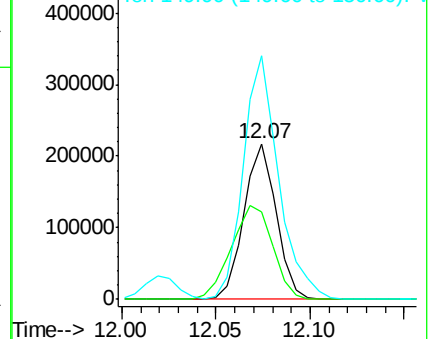
3/11/2020 4:45:02 PM



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 50.988 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015152.D

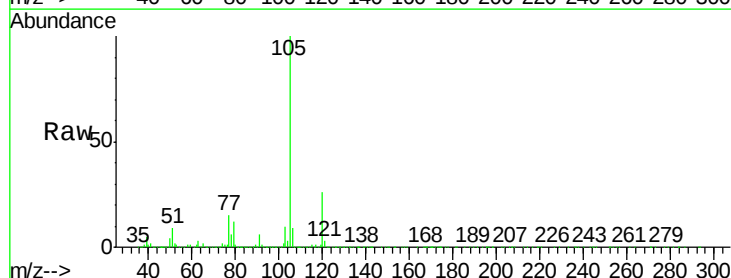
Acq: 09 Mar 2020 18:45

Tgt Ion:105 Resp: 840209

Ion Ratio Lower Upper

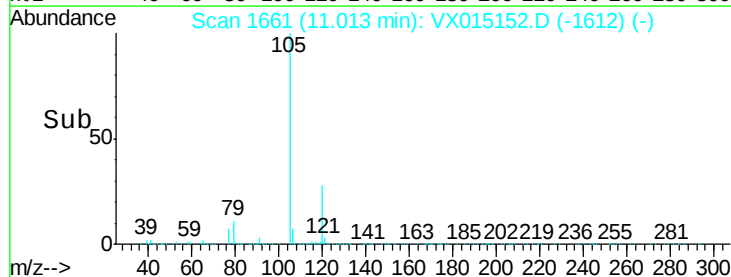
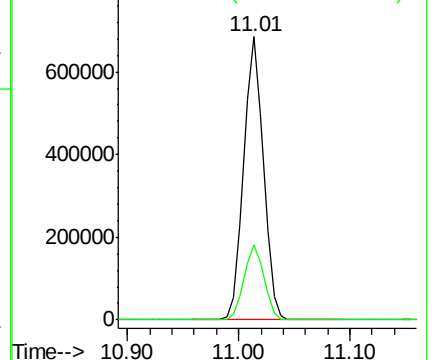
105 100

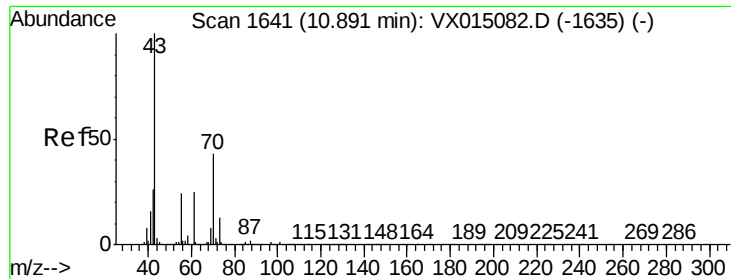
120 26.8 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





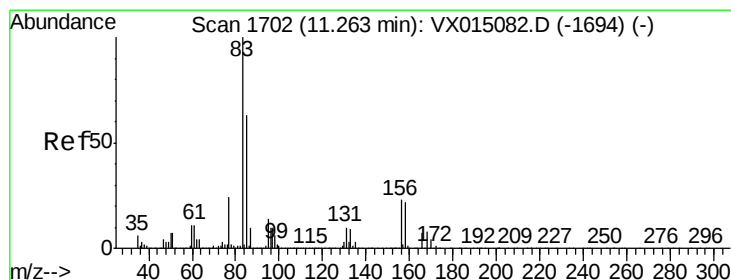
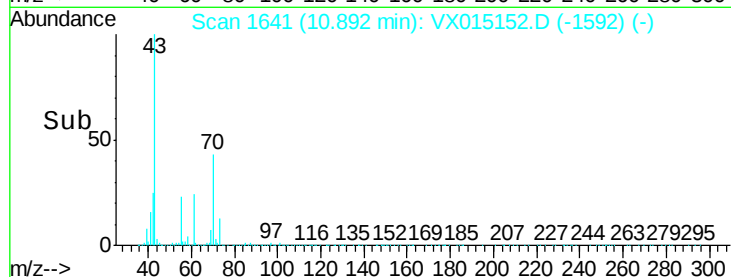
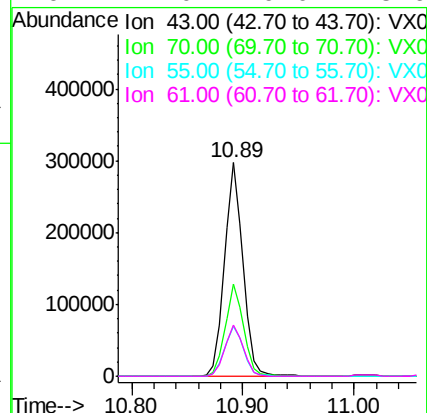
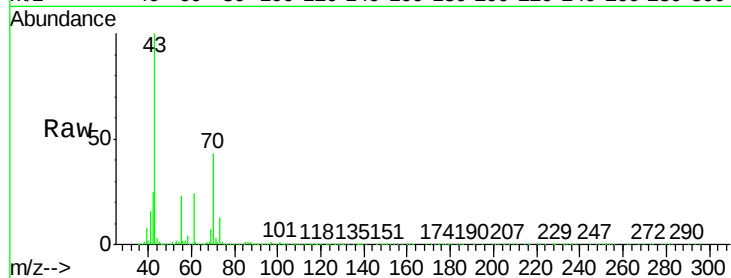
#74
N-amvl acetate
Concen: 48.770 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305MS

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	42.6	34.7	52.1	
55	24.1	19.4	29.0	
61	24.0	19.0	28.6	

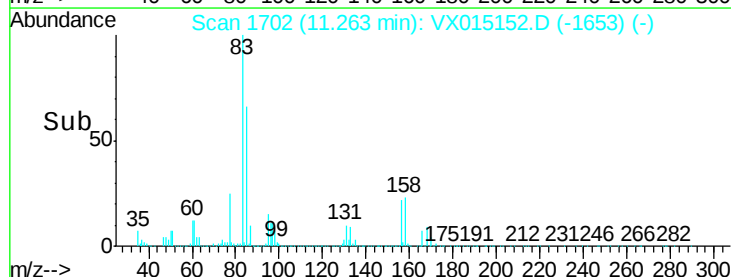
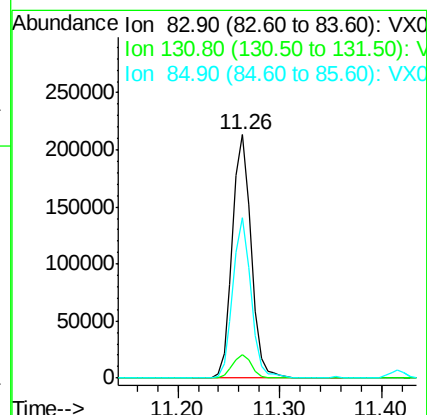
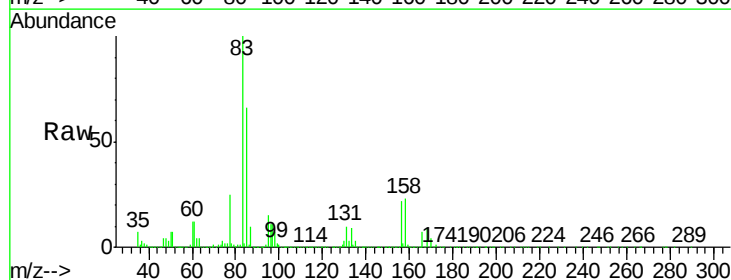
Manual Integrations
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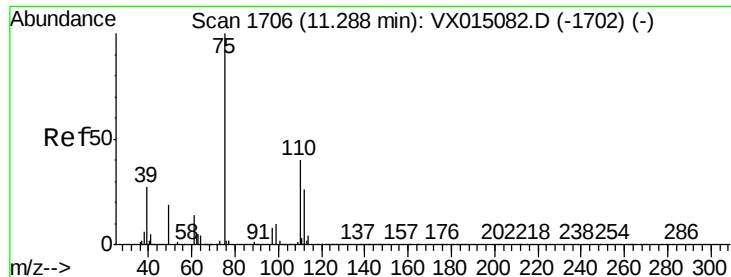
MMDadoda
3/11/2020 4:45:02 PM



#75
1,1,2,2-Tetrachloroethane
Concen: 49.480 ug/l
RT: 11.26 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	10.0	5.0	14.9	
85	63.5	31.9	95.9	





#76

1,2,3-Trichloropropane

Concen: 43.306 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

RE132D2-20200305MS

Tot Ion: 75 Resp: 222829

Ion Ratio Lower Upper

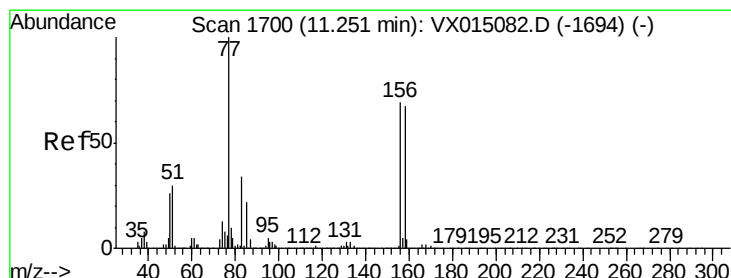
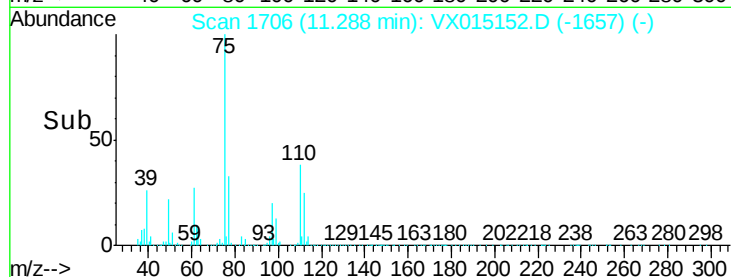
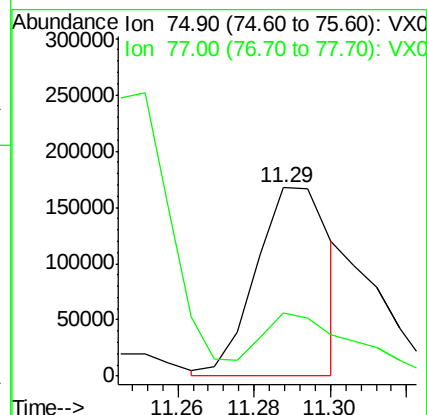
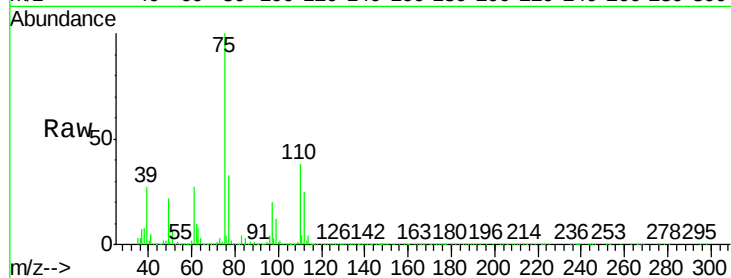
75 100

77 41.9 22.6 67.8

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#77

Bromobenzene

Concen: 48.000 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

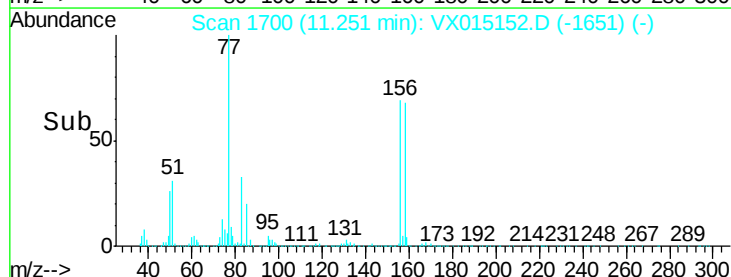
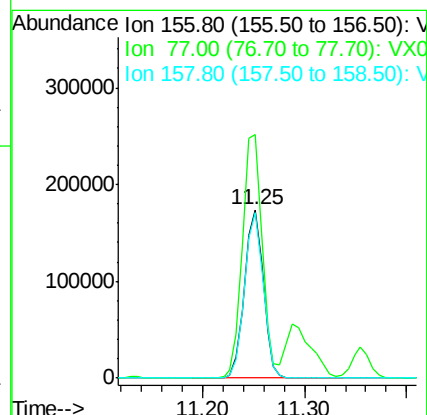
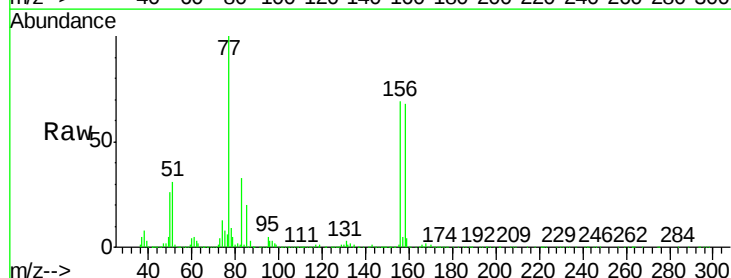
Tgt Ion: 156 Resp: 220430

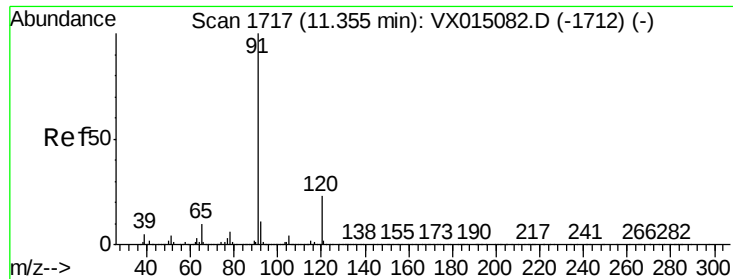
Ion Ratio Lower Upper

156 100

77 153.0 75.3 225.9

158 98.0 48.5 145.6





#78

n-propylbenzene

Concen: 51.640 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

RE132D2-20200305MS

Tot Ion: 91 Resp: 972184

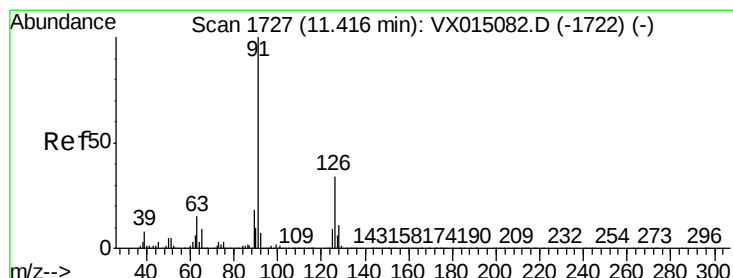
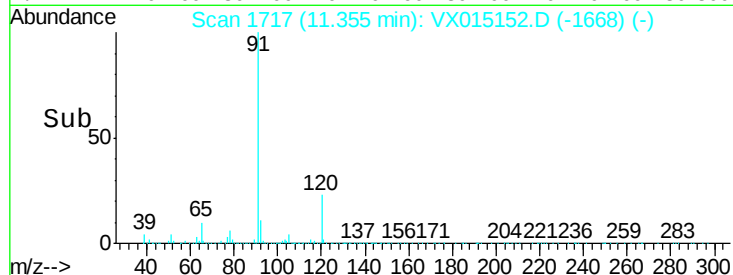
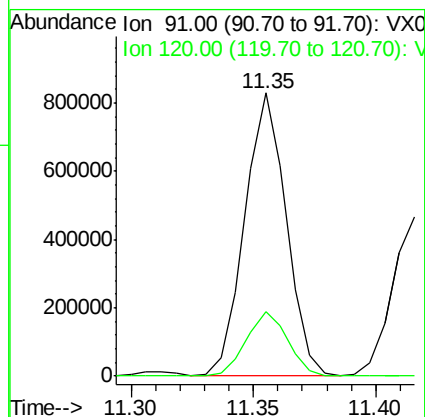
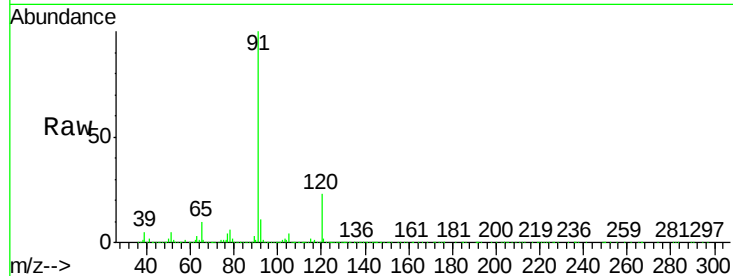
Ion Ratio Lower Upper

91 100

120 23.1 11.7 35.1

Manual Integrations
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#79

2-Chlorotoluene

Concen: 50.205 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015152.D

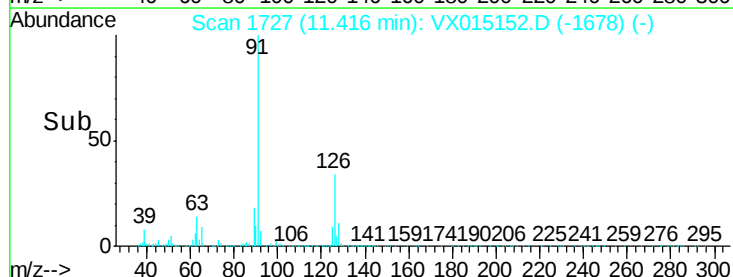
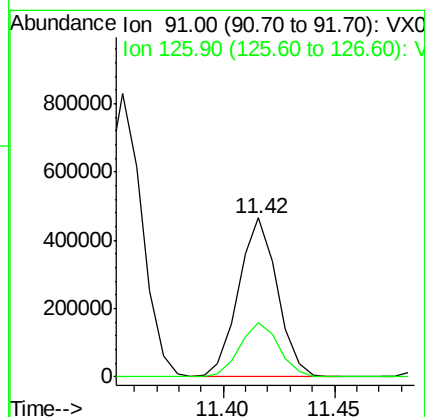
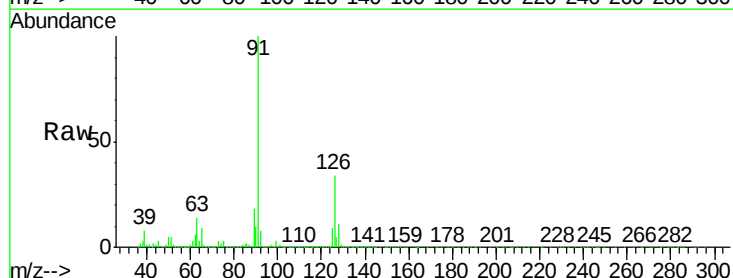
Acq: 09 Mar 2020 18:45

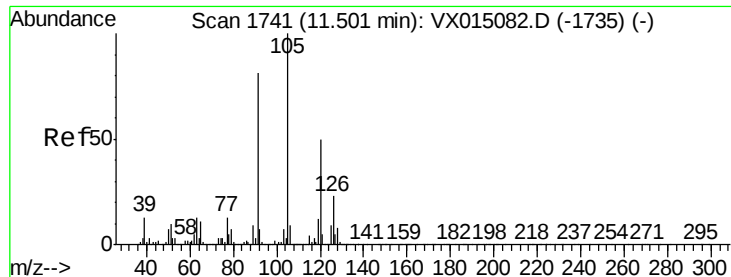
Tgt Ion: 91 Resp: 564450

Ion Ratio Lower Upper

91 100

126 34.8 17.3 52.0





#80

1,3,5-Trimethylbenzene

Concen: 51.562 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

RE132D2-20200305MS

Tot Ion:105 Resp: 707311

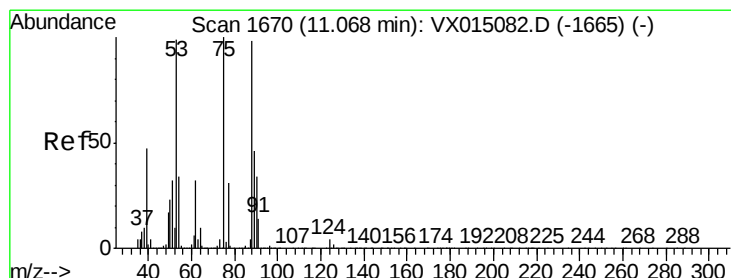
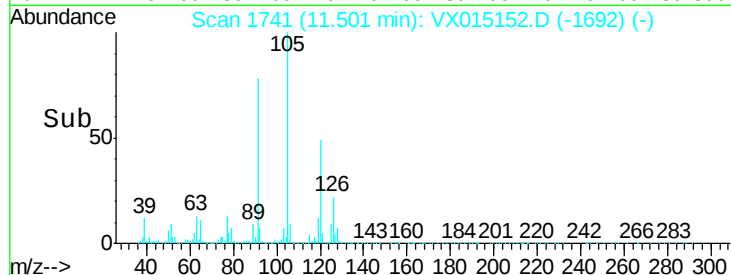
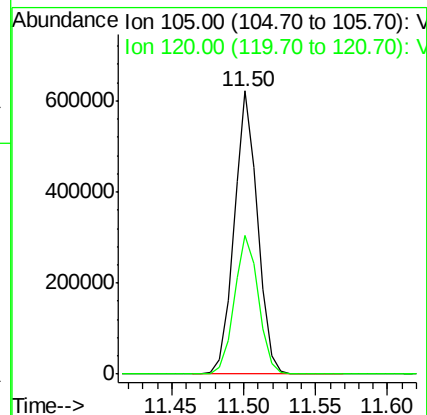
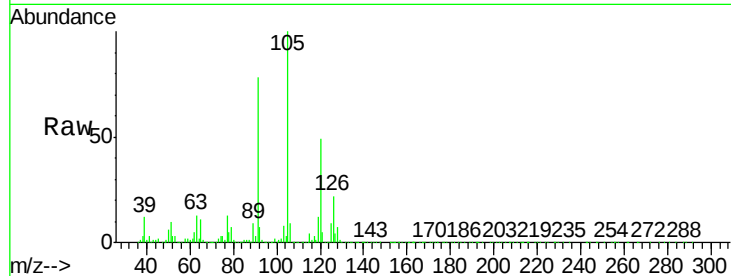
Ion Ratio Lower Upper

105 100

120 50.7 25.1 75.4

Manual Integrations
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#81

trans-1,4-Dichloro-2-butene

Concen: 46.940 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

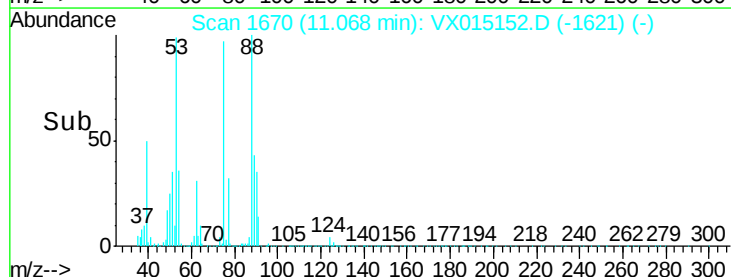
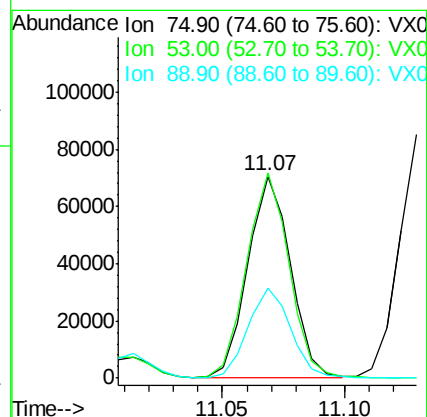
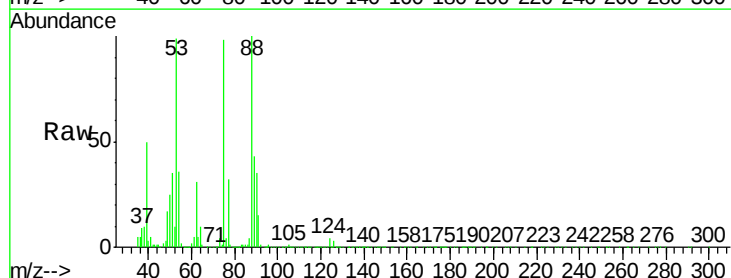
Tgt Ion: 75 Resp: 85104

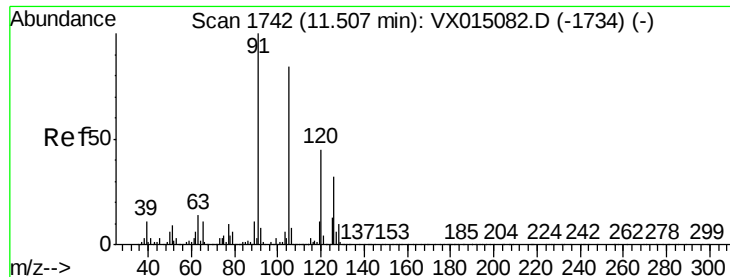
Ion Ratio Lower Upper

75 100

53 101.2 77.9 116.9

89 45.0 36.2 54.2





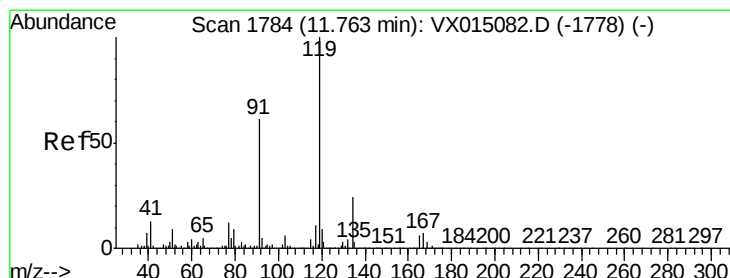
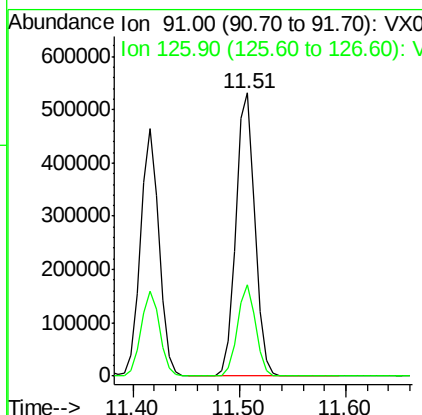
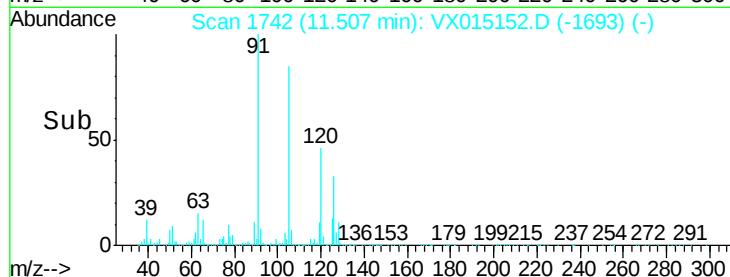
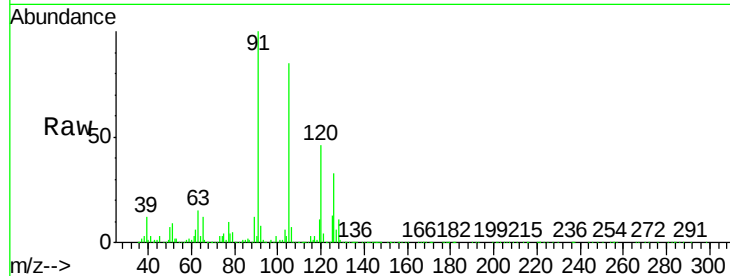
#82
4-Chlorotoluene
Concen: 50.145 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305MS

Tot Ion: 91 Resp: 666056
Ion Ratio Lower Upper
91 100
126 31.1 15.4 46.2

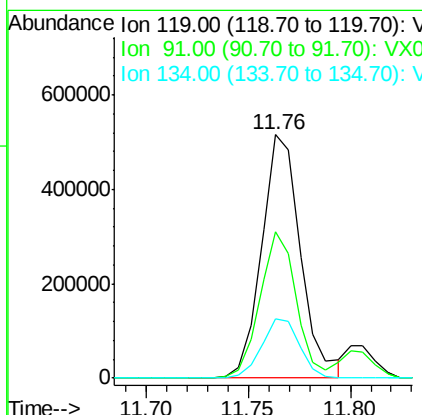
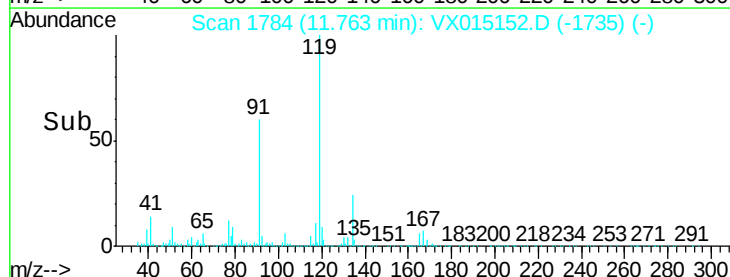
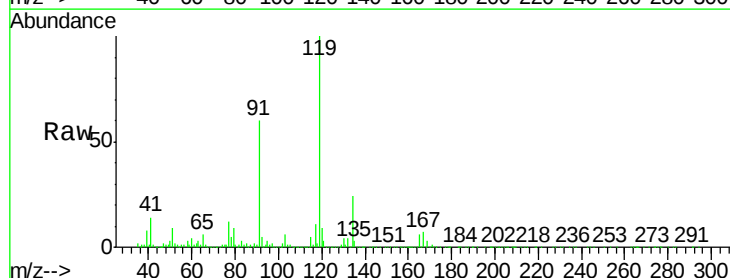
Manual Integrations
APPROVED

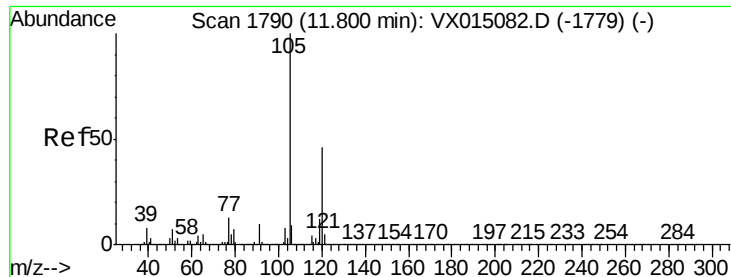
MMDadoda
3/11/2020 4:45:02 PM



#83
tert-Butylbenzene
Concen: 51.753 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Tgt Ion: 119 Resp: 686447
Ion Ratio Lower Upper
119 100
91 55.6 28.5 85.6
134 23.7 11.9 35.7





#84

1,2,4-Trimethylbenzene

Concen: 52.389 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

RE132D2-20200305MS

Tot Ion:105 Resp: 721960

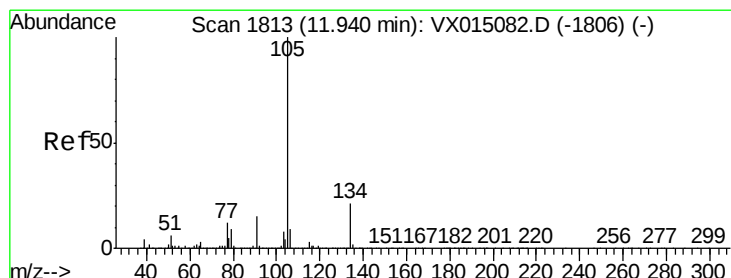
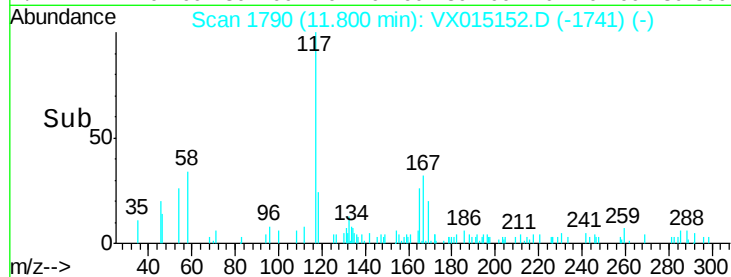
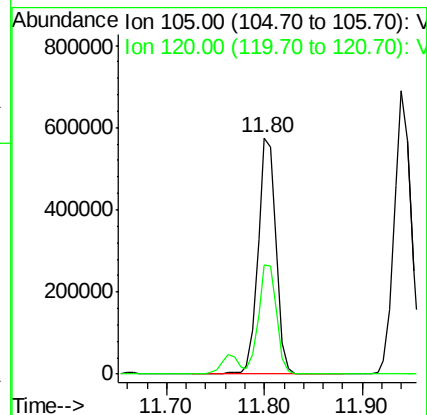
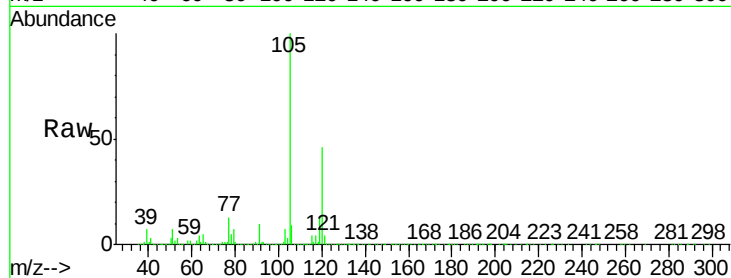
Ion Ratio Lower Upper

105 100

120 45.9 22.9 68.5

Manual Integrations
APPROVED

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#85

sec-Butylbenzene

Concen: 51.172 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX015152.D

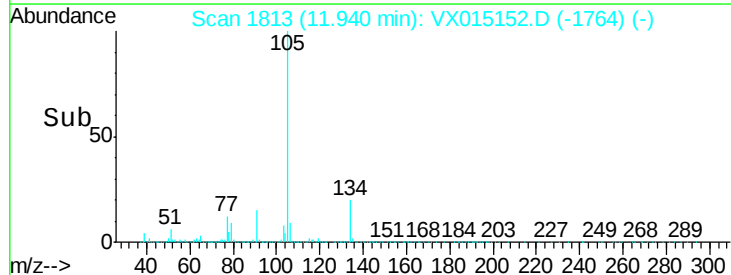
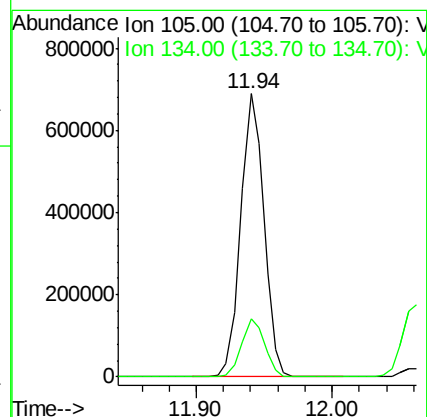
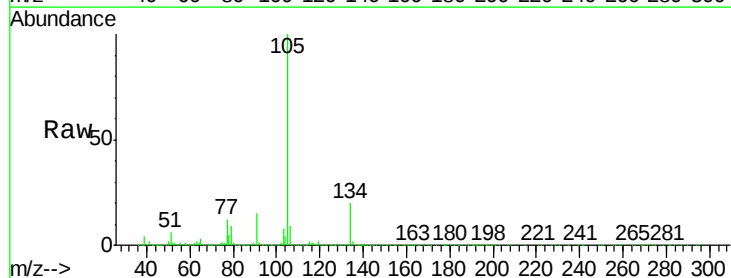
Acq: 09 Mar 2020 18:45

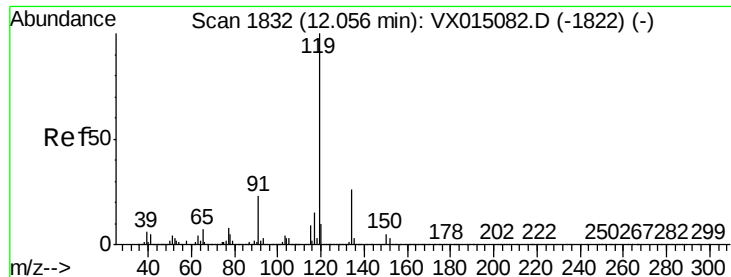
Tgt Ion:105 Resp: 819354

Ion Ratio Lower Upper

105 100

134 20.4 10.4 31.2





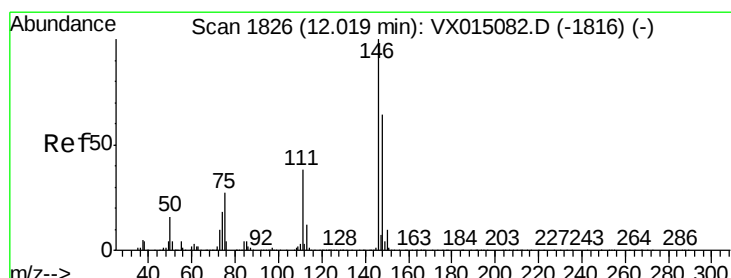
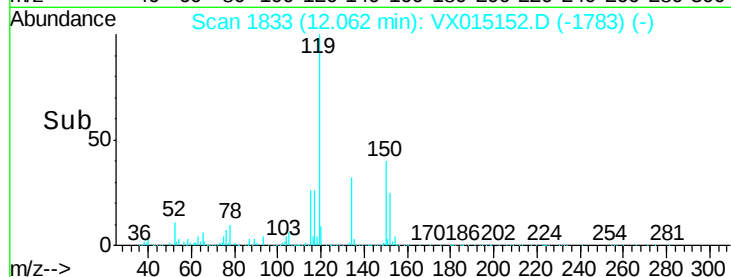
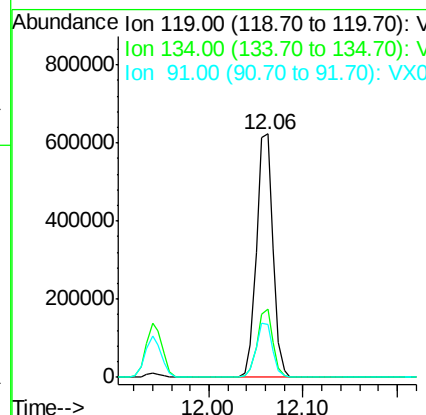
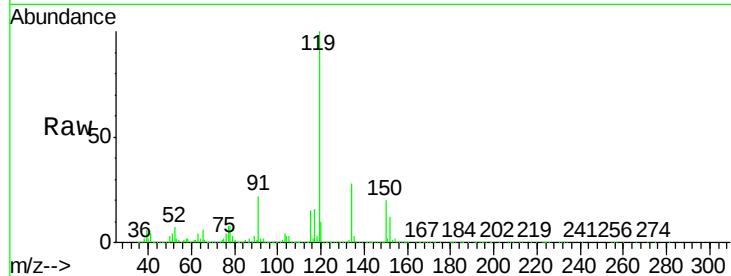
#86
p-Isopropyltoluene
Concen: 51.953 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305MS

Tot Ion	Ratio	Resp Lower	Upper
119	100		
134	26.7	13.4	40.1
91	22.2	11.3	33.8

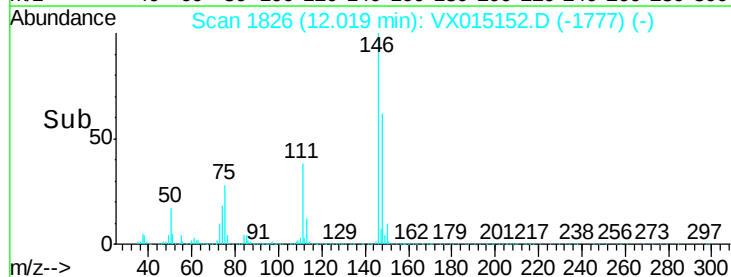
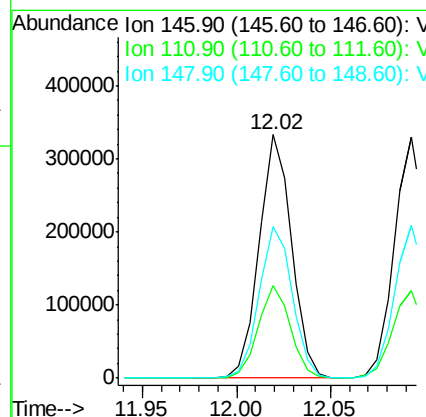
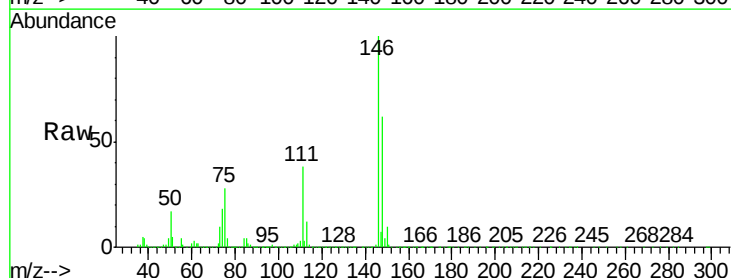
Manual Integrations
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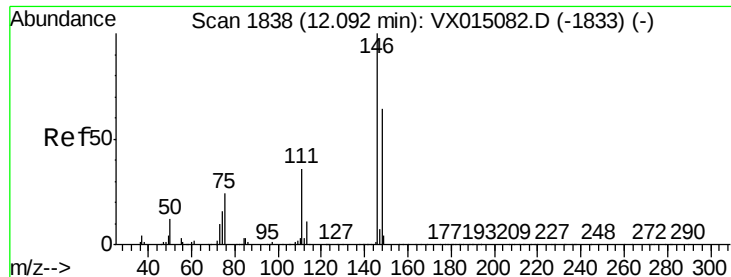
MMDadoda
3/11/2020 4:45:02 PM



#87
1,3-Dichlorobenzene
Concen: 49.170 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
111	37.6	19.1	57.1
148	63.7	31.9	95.5





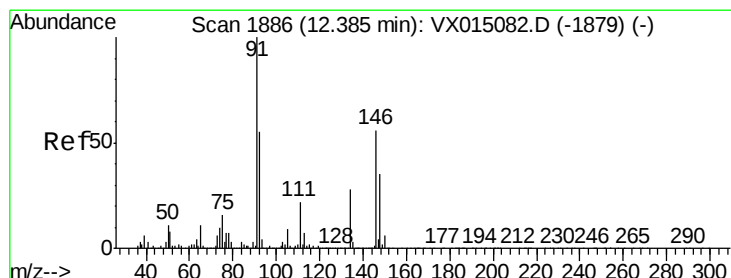
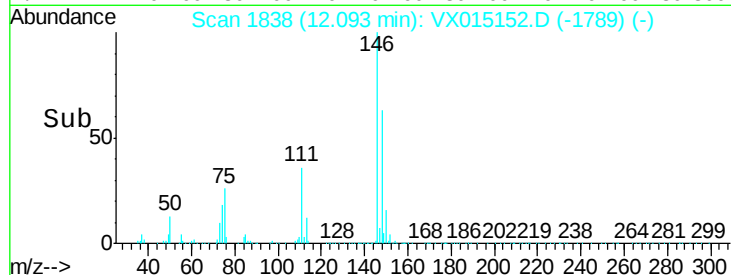
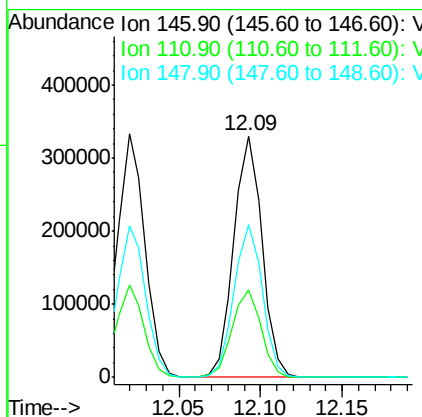
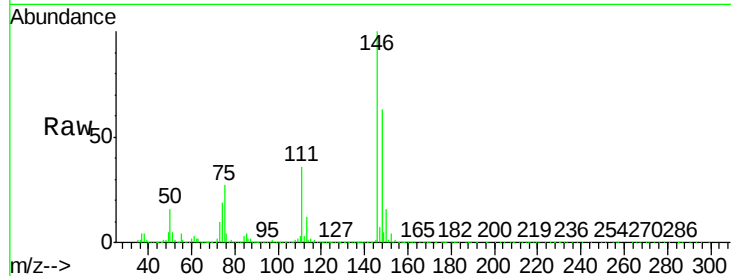
#88
 1,4-Dichlorobenzene
 Concen: 47.894 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX015152.D
 Acq: 09 Mar 2020 18:45

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D2-20200305MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.7	56.1
148	63.6	32.5	97.4

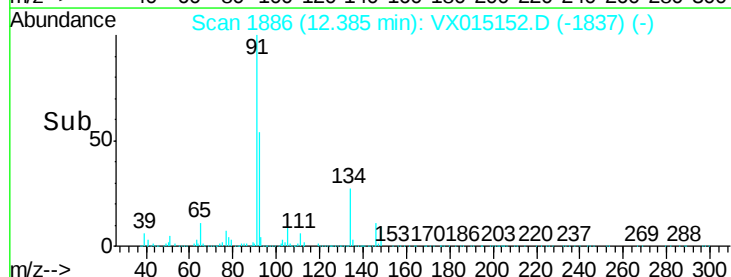
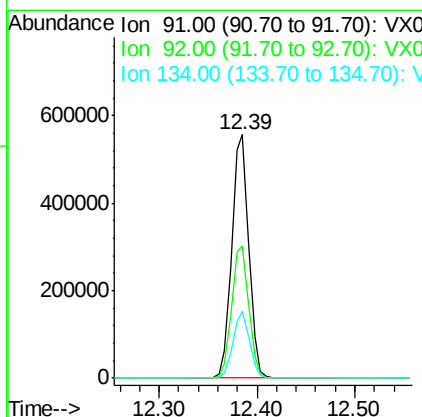
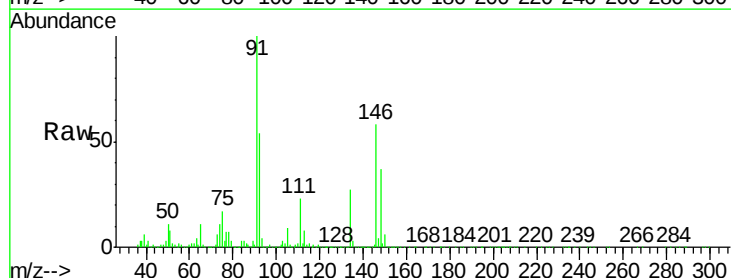
Manual Integrations
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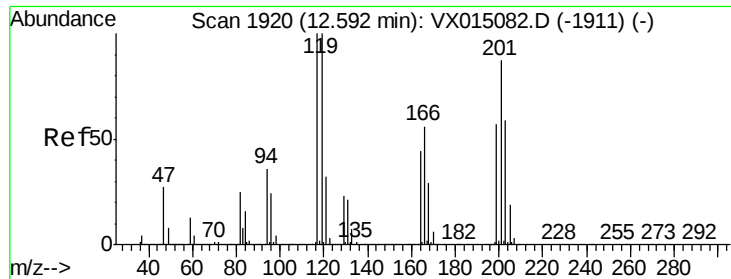
MMDadoda
 3/11/2020 4:45:02 PM



#89
 n-Butylbenzene
 Concen: 50.960 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015152.D
 Acq: 09 Mar 2020 18:45

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.2	81.6
134	26.7	13.5	40.5





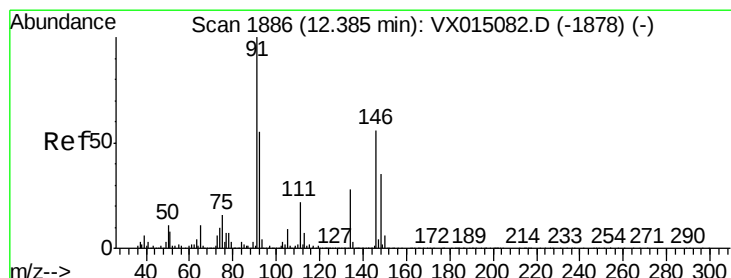
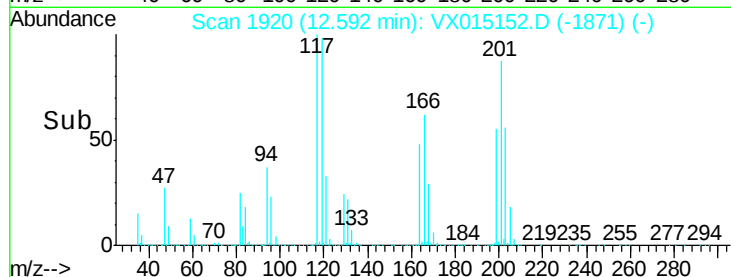
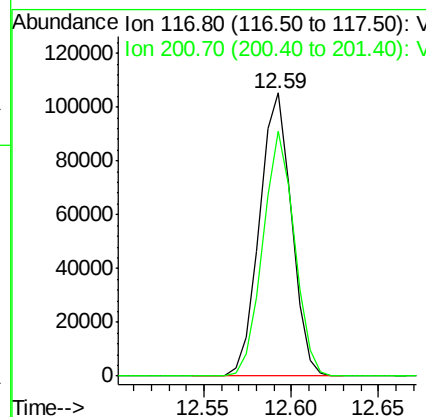
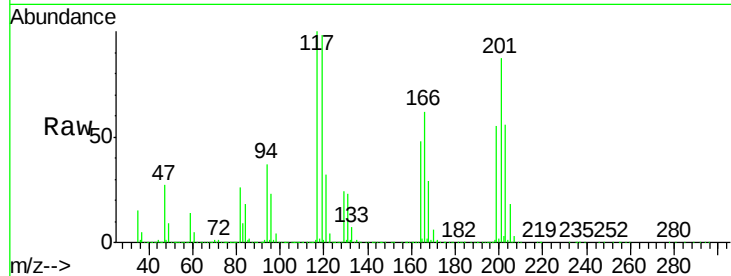
#90
Hexachloroethane
Concen: 47.950 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20200305MS

Tot Ion:117 Resp: 133728
Ion Ratio Lower Upper
117 100
201 85.3 43.5 130.7

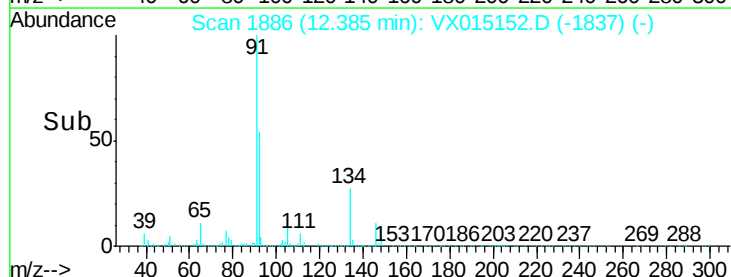
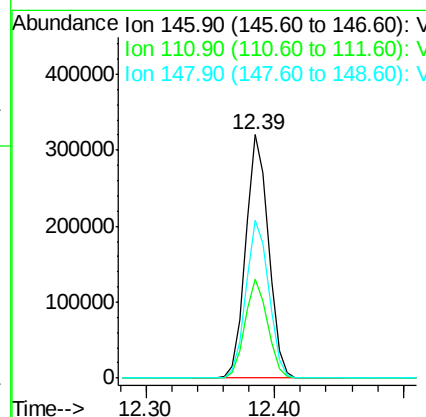
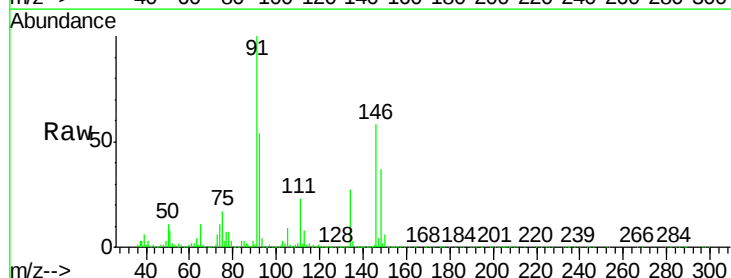
Manual Integrations
APPROVED

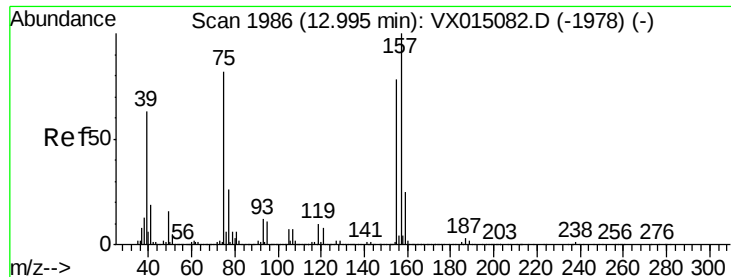
MMDadoda
3/11/2020 4:45:02 PM



#91
1,2-Dichlorobenzene
Concen: 48.724 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015152.D
Acq: 09 Mar 2020 18:45

Tgt Ion:146 Resp: 391077
Ion Ratio Lower Upper
146 100
111 40.0 19.9 59.7
148 64.9 32.3 96.8





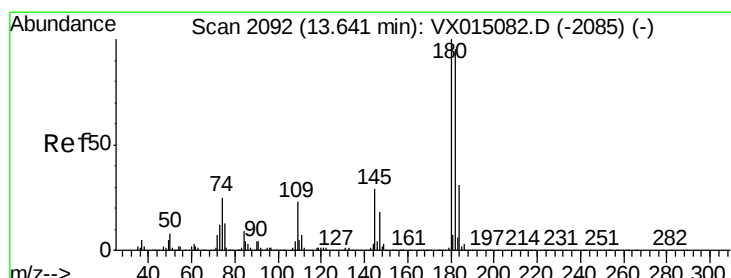
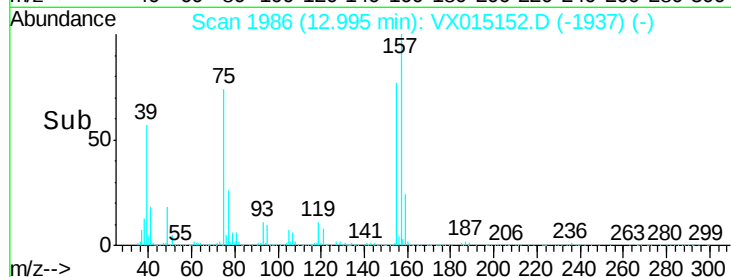
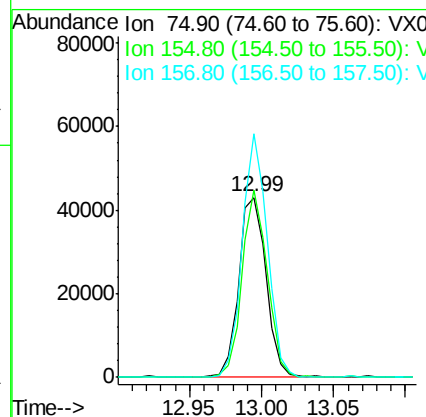
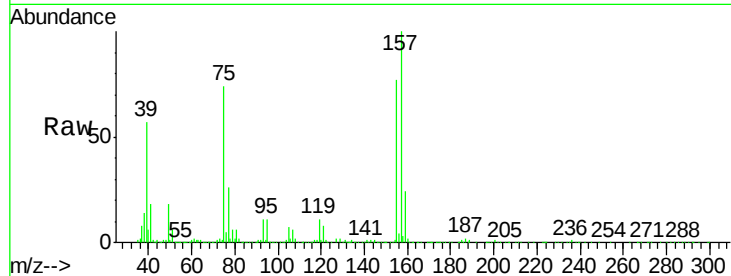
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.632 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX015152.D
 Acq: 09 Mar 2020 18:45

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D2-20200305MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	96.4	46.6	139.7
157	124.6	59.2	177.5

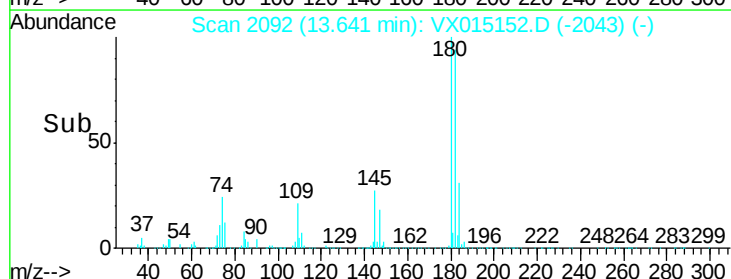
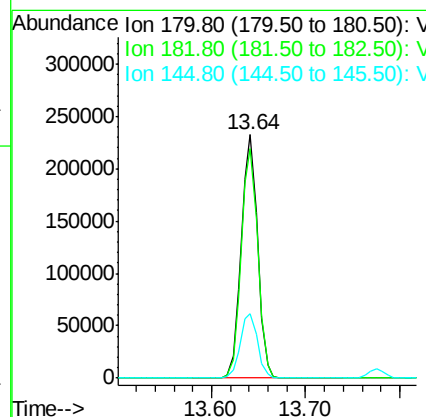
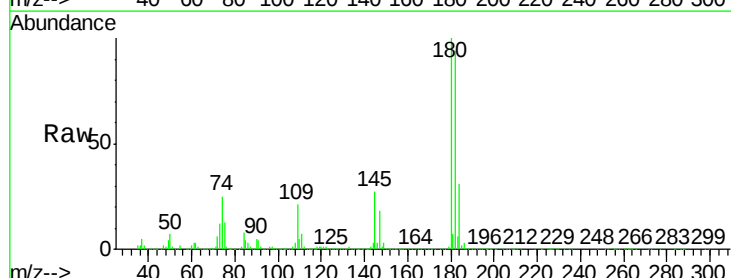
Manual Integrations
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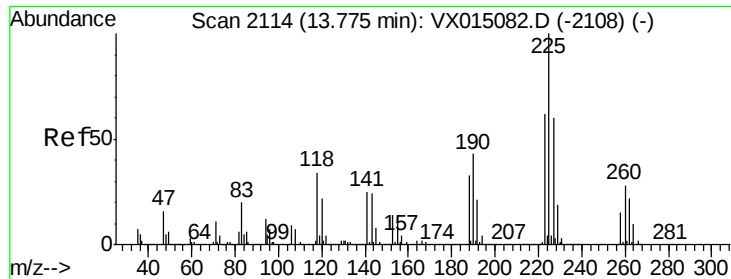
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#93
 1,2,4-Trichlorobenzene
 Concen: 50.129 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015152.D
 Acq: 09 Mar 2020 18:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.6	142.8
145	27.9	14.1	42.2





#94

Hexachlorobutadiene

Concen: 44.936 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX015152.D

Acq: 09 Mar 2020 18:45

Instrument :

MSVOA_X

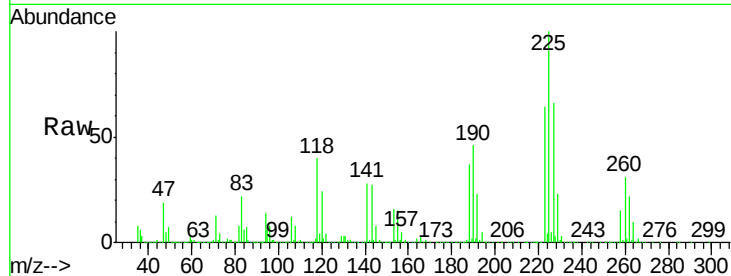
ClientSampleId :

RE132D2-20200305MS

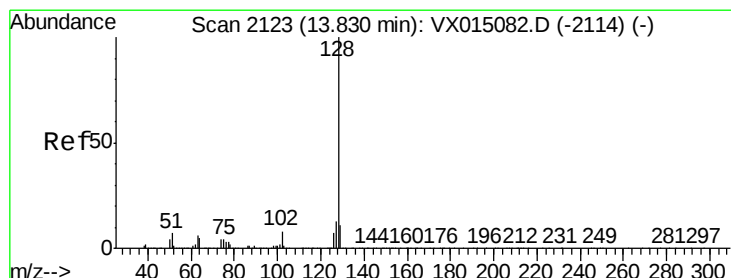
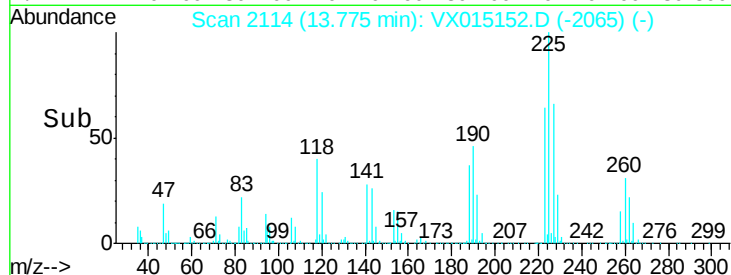
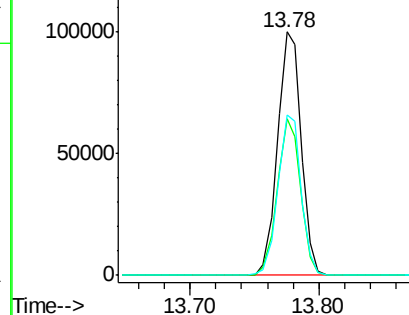
Tot Ion:	225	Resp:	128468
Ion Ratio		Lower	Upper
225	100		
223	63.1	31.3	93.9
227	64.9	31.1	93.2

Manual Integrations
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Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 48.392 ug/l

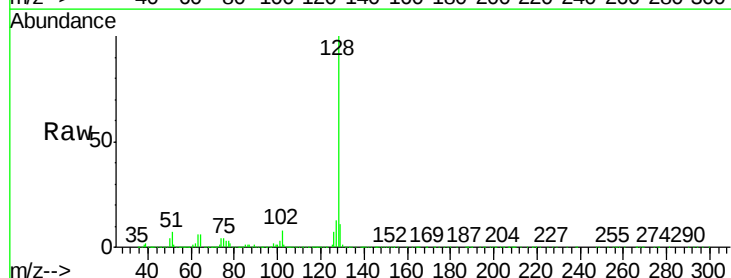
RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

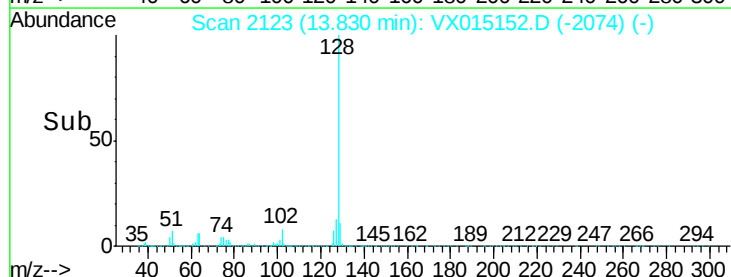
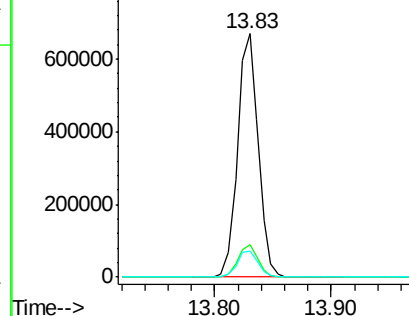
Lab File: VX015152.D

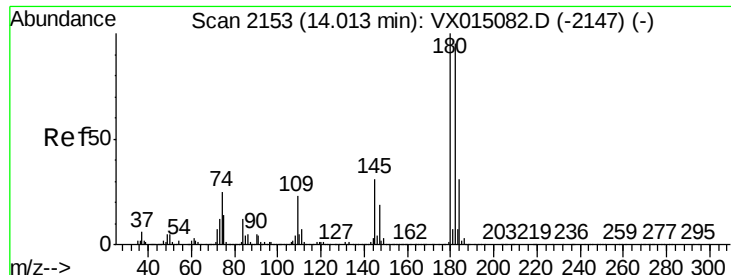
Acq: 09 Mar 2020 18:45

Tgt Ion:	128	Resp:	825477
Ion Ratio		Lower	Upper
128	100		
127	13.2	10.3	15.5
129	10.9	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 50.791 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX015152.D
 Acq: 09 Mar 2020 18:45

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D2-20200305MS

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.0	47.8	143.4
145	30.3	15.1	45.3

Manual Integrations
 APPROVED

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 3/11/2020 4:45:02 PM

