

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX121919\
 Data File : VX014137.D
 Acq On : 19 Dec 2019 21:40
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Manual Integrations
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 12/20/2019 10:24:45 AM

Quant Time: Dec 20 03:51:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	86730	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	479805	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	437162	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	181743	29.26	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.53%
60) 4-Bromofluorobenzene	11.13	95	207136	29.34	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.80%
63) Toluene-d8	8.71	98	593551	30.38	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.27%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	76334	17.424	ug/l 99
3) Chloromethane	1.32	50	114064	18.472	ug/l 99
4) Vinyl Chloride	1.40	62	116766	18.447	ug/l 99
5) Bromomethane	1.64	94	80550	17.408	ug/l 97
6) Chloroethane	1.72	64	74038	18.936	ug/l 96
7) Trichlorofluoromethane	1.92	101	148938	18.909	ug/l 97
8) Diethyl Ether	2.18	74	68304	18.866	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	86343	18.380	ug/l 97
10) 1,1-Dichloroethene	2.37	96	90055	18.542	ug/l 98
11) Methyl Iodide	2.50	142	100579	16.087	ug/l 97
12) Methyl Acetate	2.76	43	144874	19.269	ug/l 99
13) Acrolein	2.28	56	95277	104.481	ug/l 96
14) Acrylonitrile	3.13	53	284557	96.813	ug/l 99
15) Acetone	2.43	58	90081	104.328	ug/l 87
16) Carbon Disulfide	2.56	76	248110	18.858	ug/l 97
17) Allyl chloride	2.72	41	159904	18.323	ug/l 95
18) Methylene Chloride	2.85	84	106006	17.813	ug/l 97
19) trans-1,2-Dichloroethene	3.16	96	98247	18.473	ug/l 97
20) Diisopropyl ether	3.84	45	343541	19.184	ug/l 100
21) 1,1-Dichloroethane	3.69	63	180633	18.586	ug/l 98
22) cis-1,2-Dichloroethene	4.59	96	112412	18.233	ug/l 97
23) tert-Butyl Alcohol	3.03	59	119123	103.329	ug/l # 100
24) Methyl tert-Butyl Ether	3.19	73	308089	18.779	ug/l 100
25) Chloroform	5.20	83	175559	18.947	ug/l 96
26) Cyclohexane	5.57	56	159500	18.405	ug/l # 99
29) 1,1-Dichloropropene	5.79	75	133472	19.258	ug/l 99
30) 2-Butanone	4.66	43	411718	100.786	ug/l 100
31) 2,2-Dichloropropane	4.58	77	124515	19.422	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	146088	19.057	ug/l 98
33) Carbon Tetrachloride	5.78	117	120959	18.562	ug/l 98
34) Benzene	6.14	78	413404	19.130	ug/l 99
35) Methacrylonitrile	5.03	41	86754	19.746	ug/l 95
36) 1,2-Dichloroethane	6.18	62	142367	18.965	ug/l 99
37) Trichloroethene	7.21	130	109103	18.554	ug/l 98
38) Methylcyclohexane	7.46	83	155824	18.849	ug/l 99
39) 1,2-Dichloropropane	7.51	63	107210	19.101	ug/l 98
40) Dibromomethane	7.65	93	68672	19.152	ug/l 98

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Quant Time: Dec 20 03:51:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	130221	18.756	ug/l	100
42) Vinyl Acetate	3.80	43	1268586	87.958	ug/l	99
43) Ethyl Acetate	4.83	43	156228	19.931	ug/l	96
44) Isopropyl Acetate	6.43	43	249373	18.995	ug/l	98
45) 1,4-Dioxane	7.73	88	53038	431.404	ug/l	97
46) Methyl methacrylate	7.76	41	120792	18.942	ug/l	97
47) n-amyl Acetate	10.89	43	212332	18.189	ug/l	98
48) t-1,3-Dichloropropene	9.04	75	141755	18.707	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	160358	18.817	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	105927	19.142	ug/l	99
51) Ethyl methacrylate	9.17	69	164443	18.682	ug/l	96
52) 1,3-Dichloropropane	9.37	76	176245	18.746	ug/l	100
53) Dibromochloromethane	9.57	129	104570	18.898	ug/l	98
54) 1,2-Dibromoethane	9.67	107	108924	19.118	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	387886	99.968	ug/l	99
56) Bromoform	10.85	173	78163	18.114	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	789949	96.577	ug/l	99
59) 2-Hexanone	9.48	43	601997	96.981	ug/l	99
61) Tetrachloroethene	9.33	164	136091	23.532	ug/l	98
62) Toluene	8.78	91	445214	19.148	ug/l	100
64) Chlorobenzene	10.14	112	271946	18.669	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.21	131	98958	18.347	ug/l	99
66) Ethyl Benzene	10.25	91	481859	18.938	ug/l	98
67) m/p-Xylenes	10.35	106	361601	37.176	ug/l	99
68) o-Xylene	10.70	106	177392	18.410	ug/l	99
69) Styrene	10.71	104	299873	18.300	ug/l	99
70) Isopropylbenzene	11.01	105	465170	18.681	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	155011	17.554	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	150512m	19.149	ug/l	
73) Bromobenzene	11.25	156	120785	18.171	ug/l	99
74) n-propylbenzene	11.35	91	520489	18.429	ug/l	99
75) 2-Chlorotoluene	11.42	91	314712	18.442	ug/l	98
76) 1,3,5-Trimethylbenzene	11.50	105	381183	18.046	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	45891	17.680	ug/l	93
78) 4-Chlorotoluene	11.51	91	350062	17.952	ug/l	98
79) tert-butylbenzene	11.76	119	349035	17.143	ug/l	95
80) 1,2,4-Trimethylbenzene	11.80	105	387721	18.357	ug/l	99
81) sec-Butylbenzene	11.94	105	438189	18.094	ug/l	99
82) p-Isopropyltoluene	12.06	119	393006	17.983	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	208646	18.008	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	207768	18.009	ug/l	99
85) n-Butylbenzene	12.39	91	323087	17.583	ug/l	99
86) Hexachloroethane	12.59	117	67839	17.111	ug/l	99
87) 1,2-Dichlorobenzene	12.39	146	213640	18.154	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	33105	18.809	ug/l	97
89) 1,2,4-Trichlorobenzene	13.64	180	135236	17.980	ug/l	98
90) Hexachlorobutadiene	13.78	225	66168	18.508	ug/l	99
91) Naphthalene	13.83	128	427601	18.915	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	140958	18.477	ug/l	100

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ClientSampleId :
VSTDCCC020EC

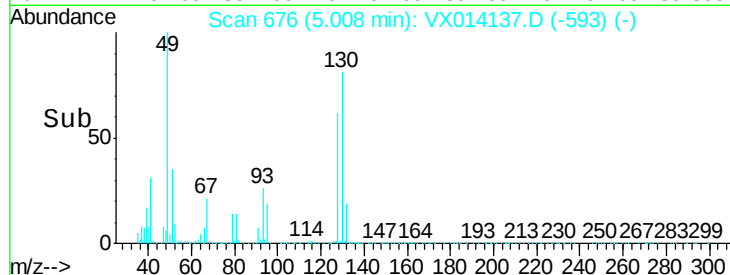
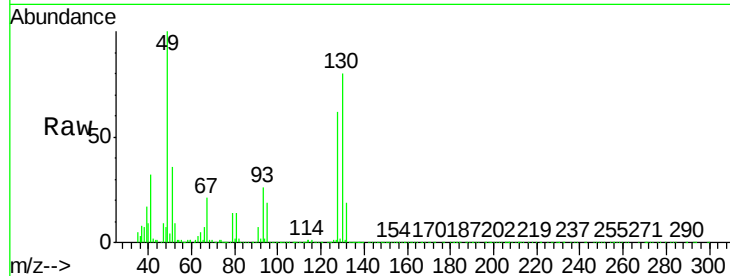
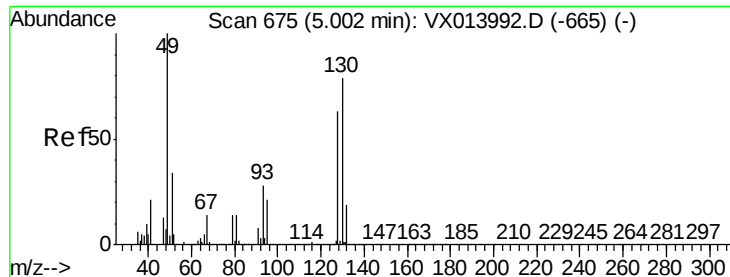
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX014137.D

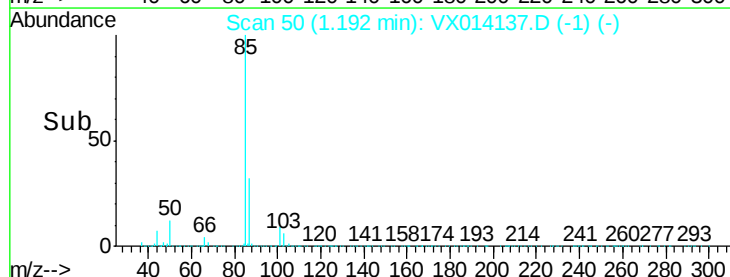
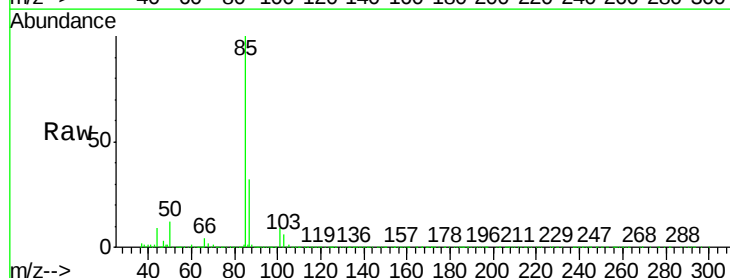
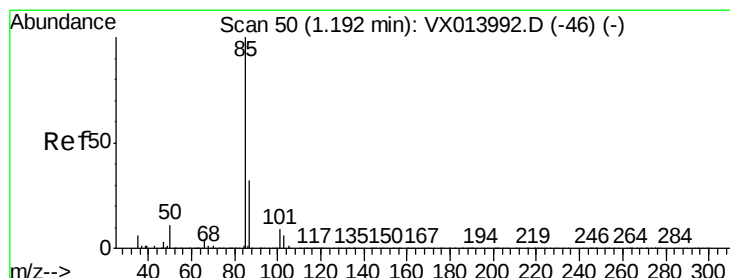
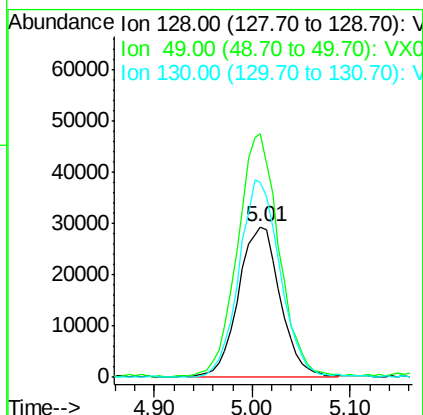
Acq: 19 Dec 2019 21:40

Tot Ion:	128	Resp:	86730
Ion	Ratio	Lower	Upper
128	100		
49	160.2	0.0	405.0
130	128.5	0.0	321.5

Instrument :
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#2

Dichlorodifluoromethane

Concen: 17.424 ug/l

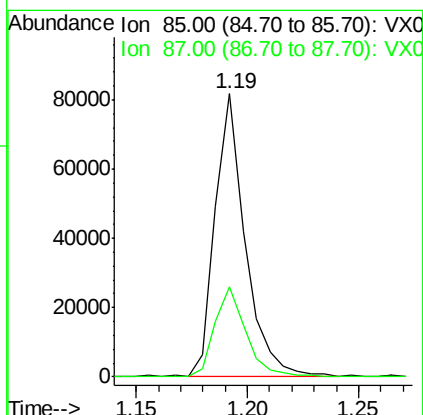
RT: 1.19 min Scan# 50

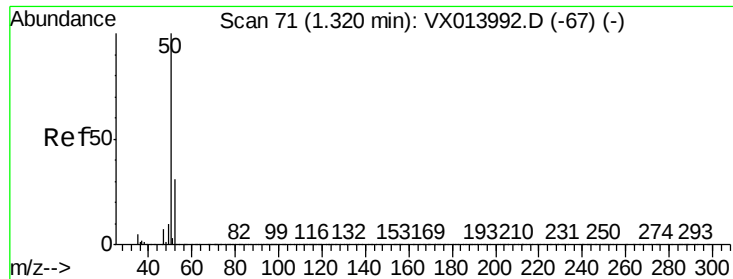
Delta R.T. 0.00 min

Lab File: VX014137.D

Acq: 19 Dec 2019 21:40

Tgt Ion:	85	Resp:	76334
Ion	Ratio	Lower	Upper
85	100		
87	31.8	16.3	48.9





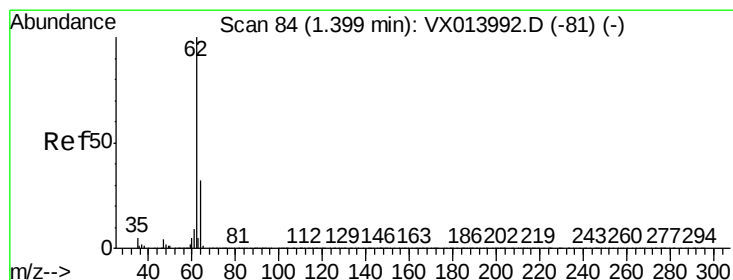
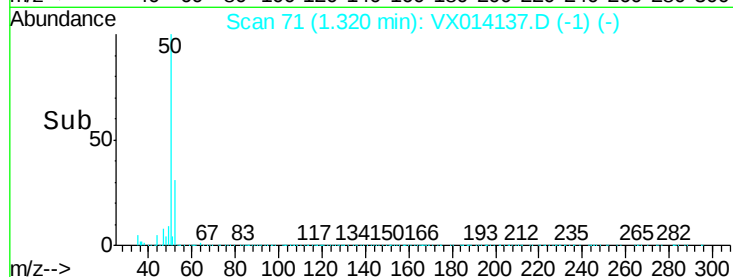
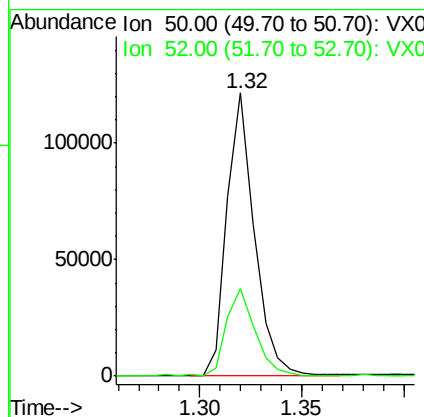
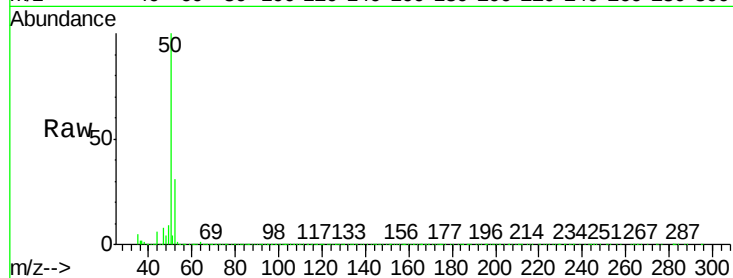
#3
Chloromethane
Concen: 18.472 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014137.D
Acq: 19 Dec 2019 21:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
50	100		
52	30.8	24.3	36.5

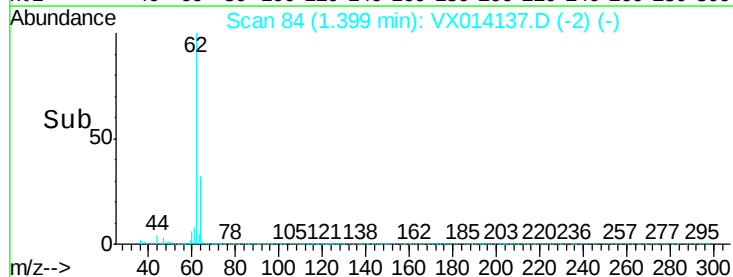
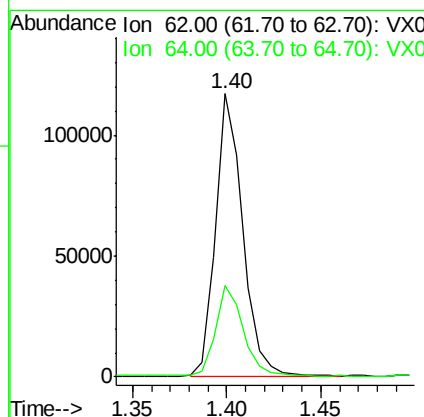
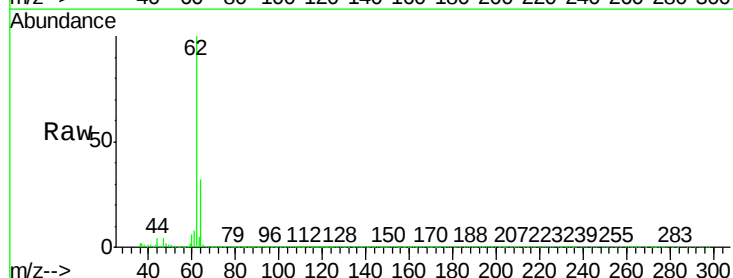
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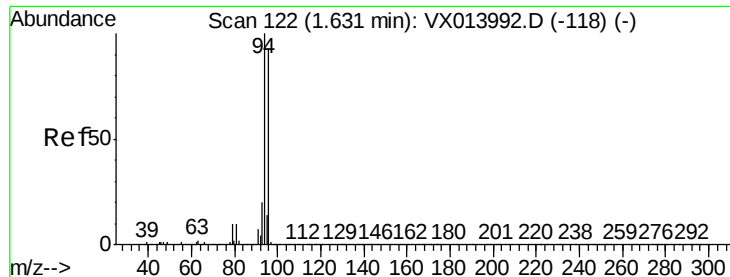
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#4
Vinyl Chloride
Concen: 18.447 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014137.D
Acq: 19 Dec 2019 21:40

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.0	25.2	37.8





#5

Bromomethane

Concen: 17.408 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014137.D

Acq: 19 Dec 2019 21:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 94 Resp: 80550

Ion Ratio Lower Upper

94 100

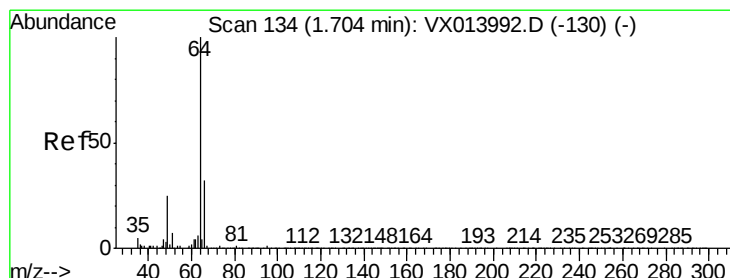
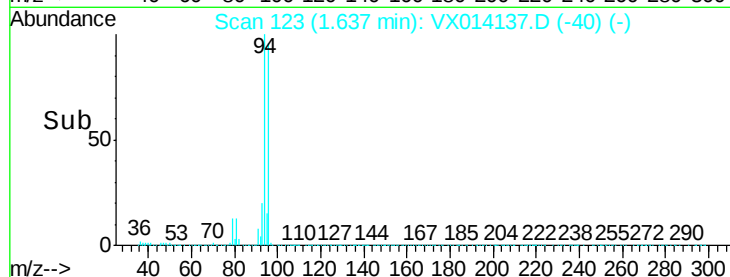
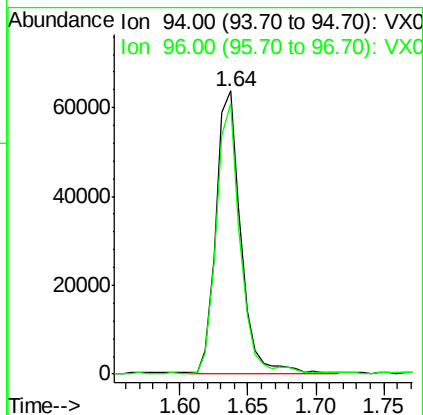
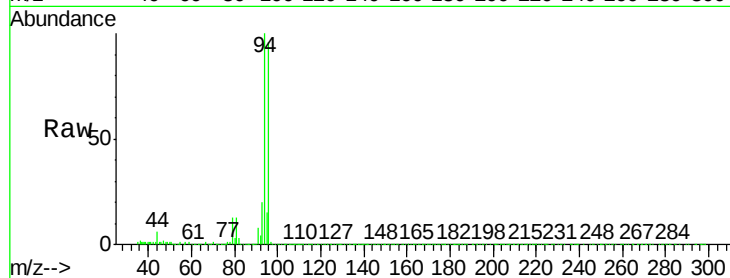
96 96.1 74.4 111.6

Manual Integrations

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#6

Chloroethane

Concen: 18.936 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014137.D

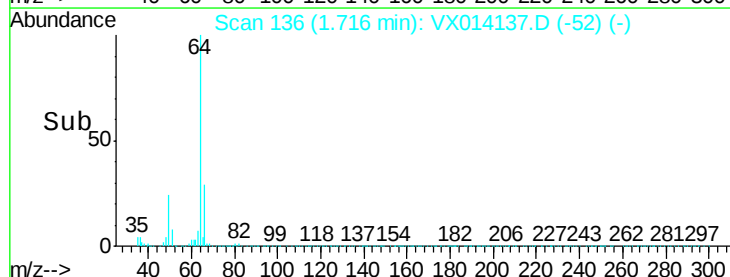
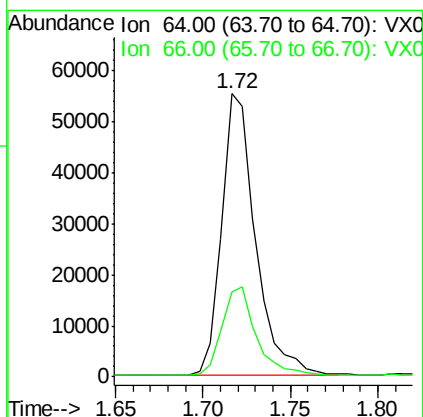
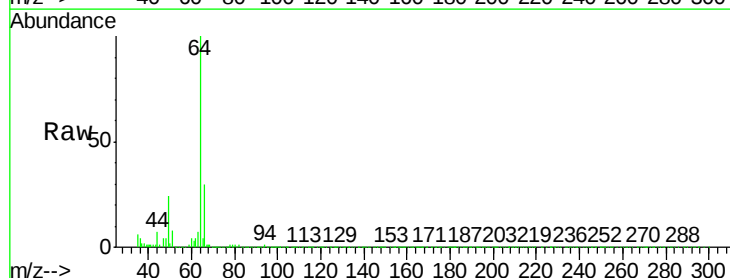
Acq: 19 Dec 2019 21:40

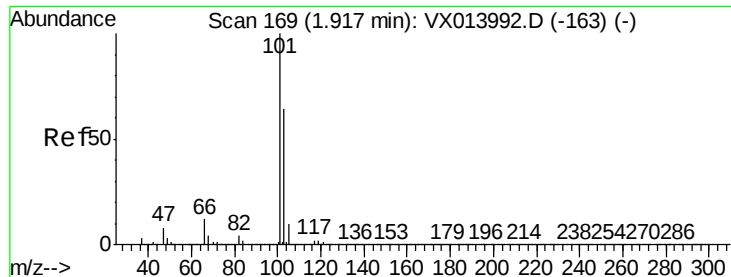
Tgt Ion: 64 Resp: 74038

Ion Ratio Lower Upper

64 100

66 29.3 25.2 37.8





#7

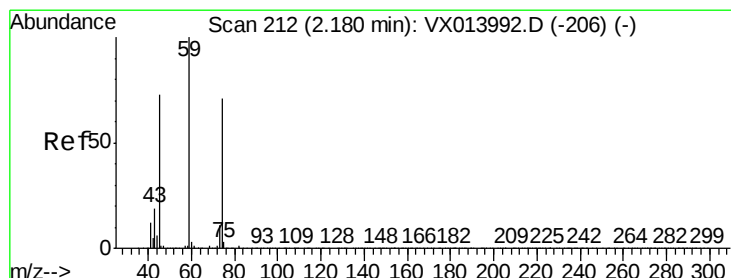
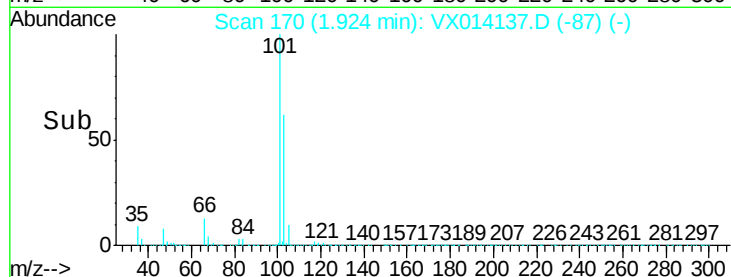
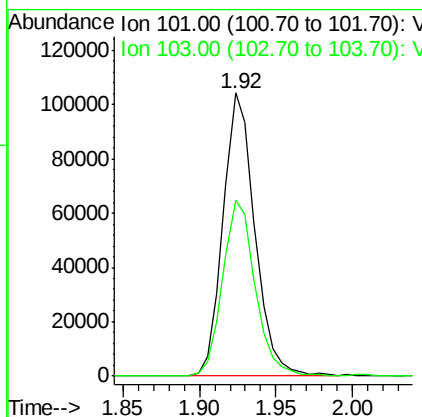
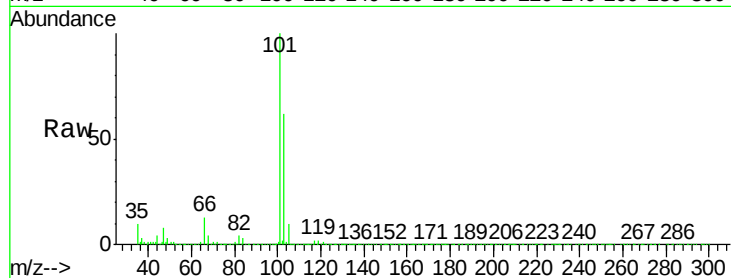
Trichlorofluoromethane
Concen: 18.909 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014137.D
Acq: 19 Dec 2019 21:40

Instrument :
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VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
101	100	148938		
103	62.1	51.6	77.4	

Manual Integrations
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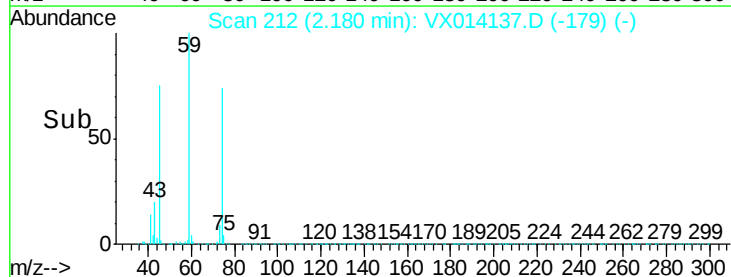
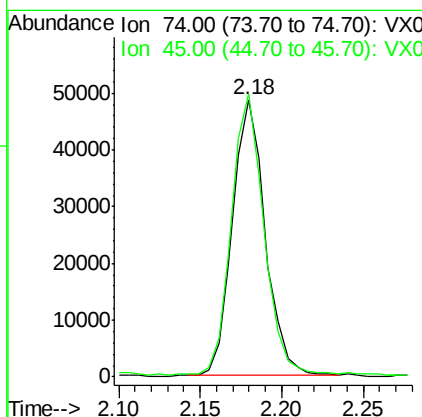
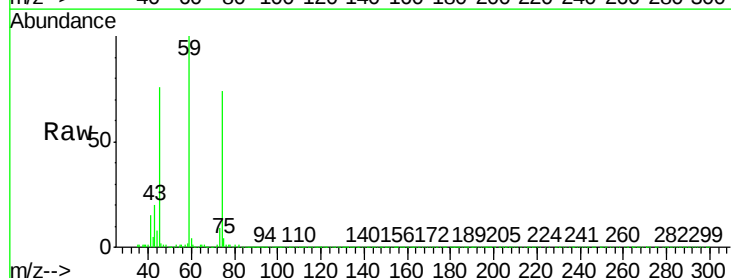
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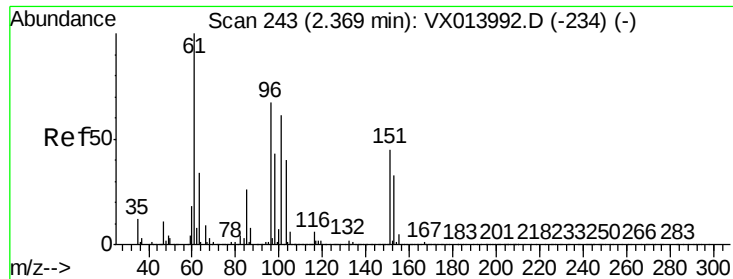


#8

Diethyl Ether
Concen: 18.866 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014137.D
Acq: 19 Dec 2019 21:40

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	68304		
45	100.7	20.6	185.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.380 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014137.D

Acq: 19 Dec 2019 21:40

Instrument :

MSVOA_X

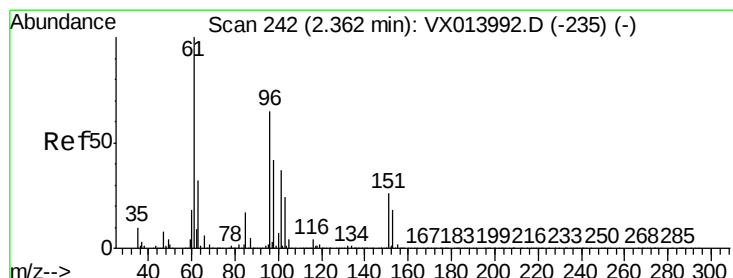
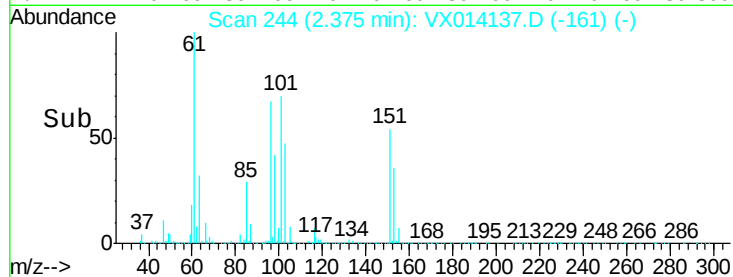
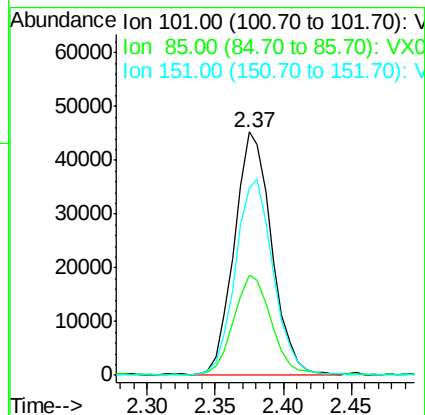
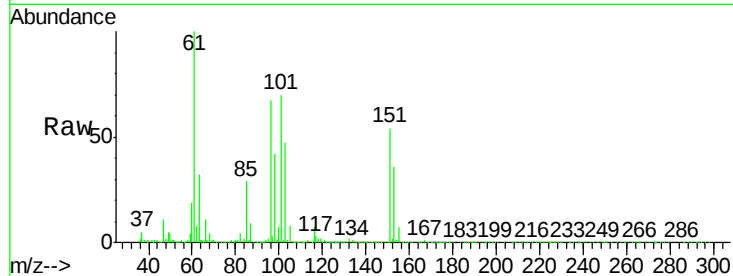
ClientSampleId :

VSTDCCC020EC

Tot Ion:	101	Resp:	86343
Ion Ratio	Lower	Upper	
101	100		
85	41.1	0.0	85.6
151	82.0	0.0	159.4

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#10

1,1-Dichloroethene

Concen: 18.542 ug/l

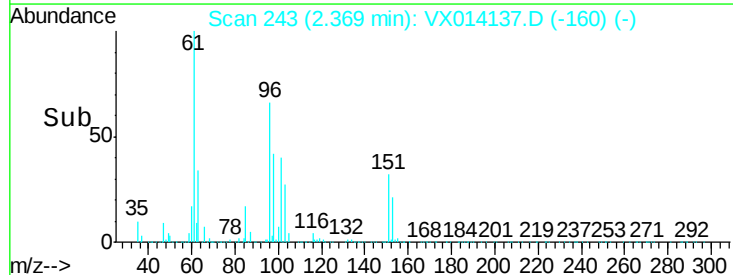
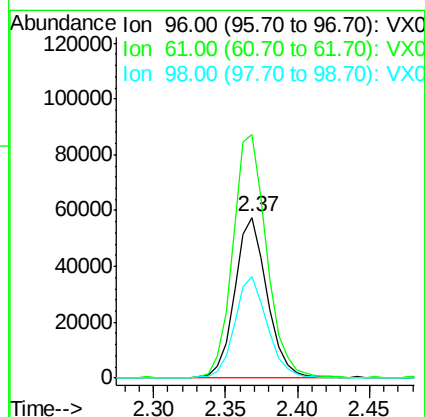
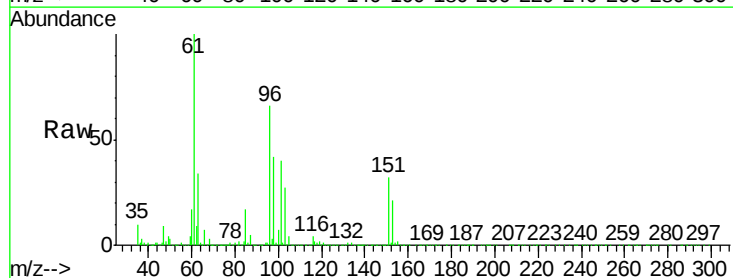
RT: 2.37 min Scan# 243

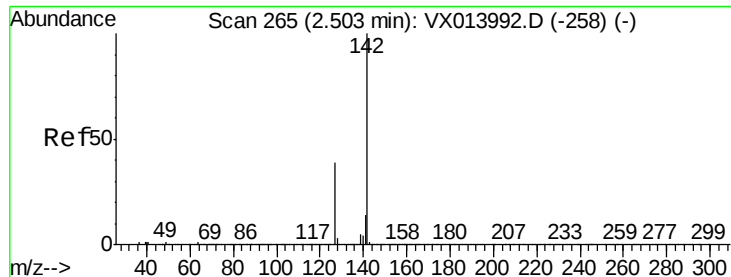
Delta R.T. 0.01 min

Lab File: VX014137.D

Acq: 19 Dec 2019 21:40

Tgt Ion:	96	Resp:	90055
Ion Ratio	Lower	Upper	
96	100		
61	151.3	123.0	184.6
98	63.3	51.4	77.0





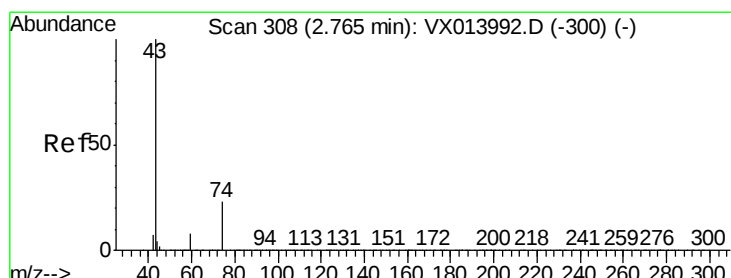
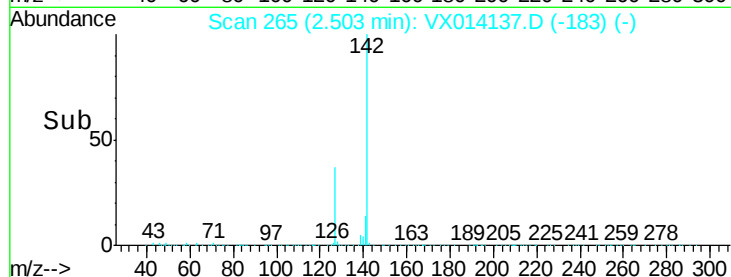
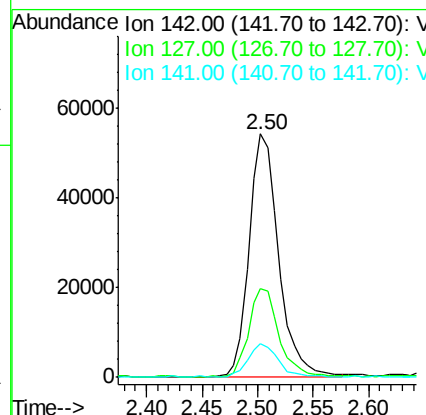
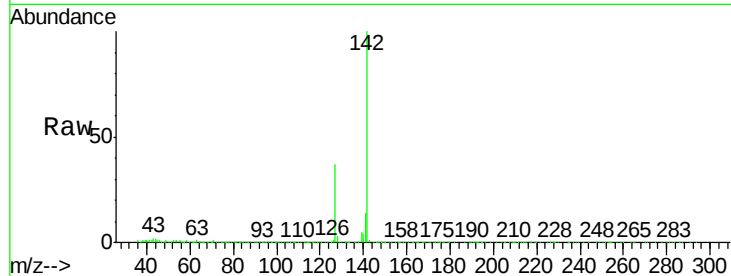
#11
Methyl Iodide
Concen: 16.087 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX014137.D
Acq: 19 Dec 2019 21:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
142	100		
127	36.2	19.5	58.5
141	13.8	7.0	20.9

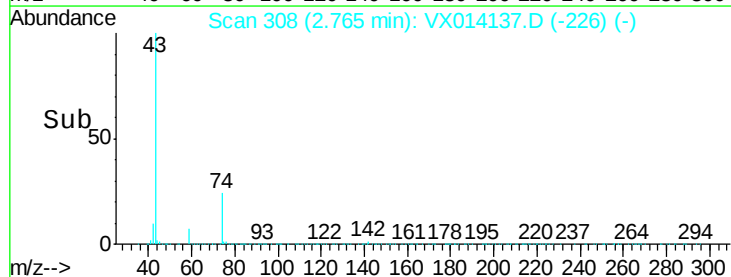
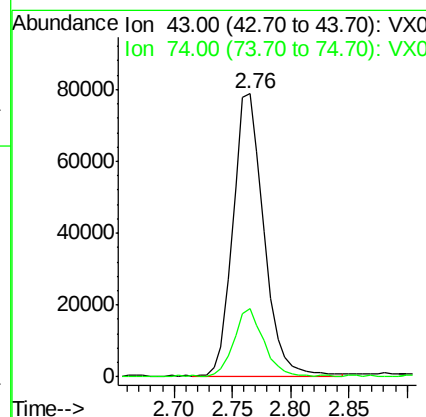
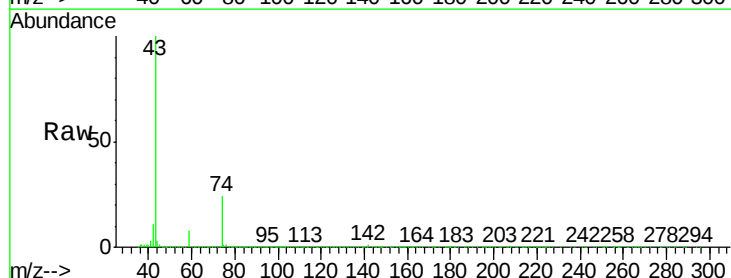
Manual Integrations
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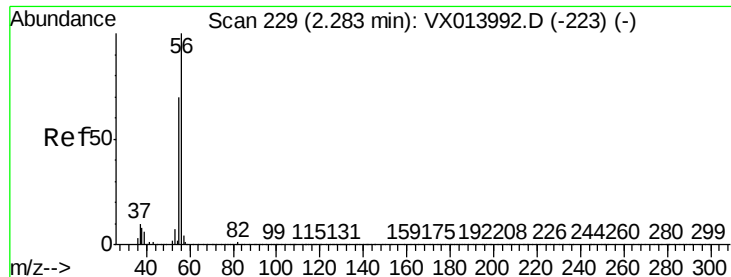
apatel
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#12
Methyl Acetate
Concen: 19.269 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX014137.D
Acq: 19 Dec 2019 21:40

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	18.5	27.7





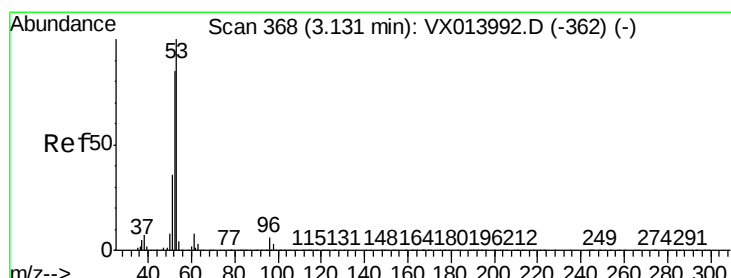
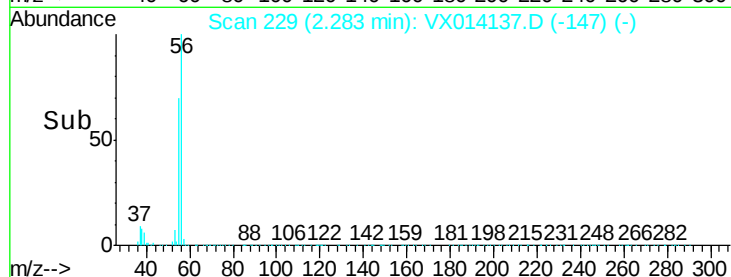
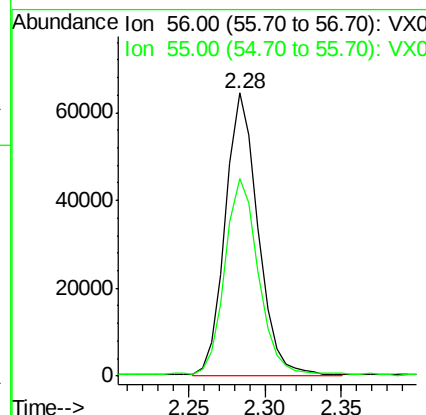
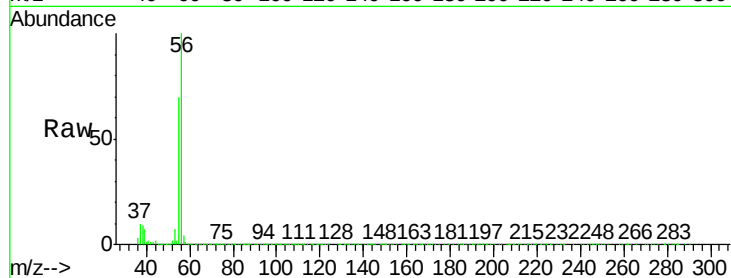
#13
Acrolein
Concen: 104.481 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014137.D
Acq: 19 Dec 2019 21:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.8	54.9	82.3

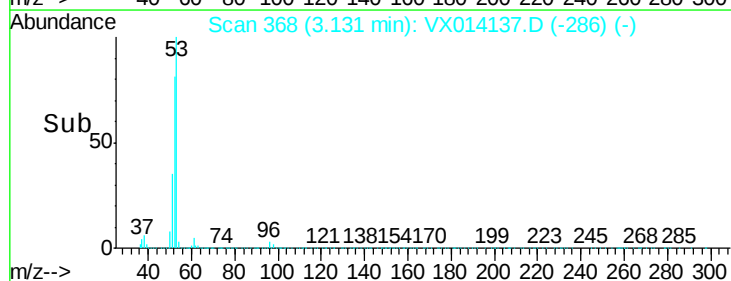
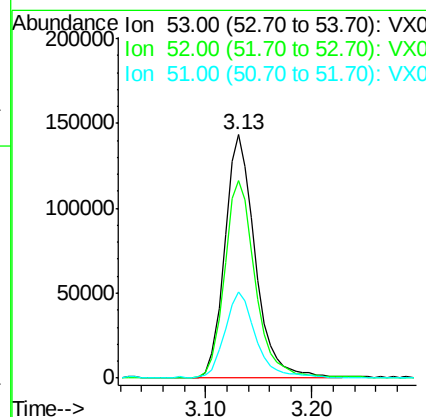
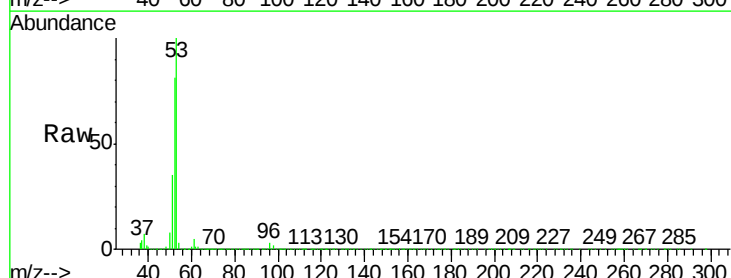
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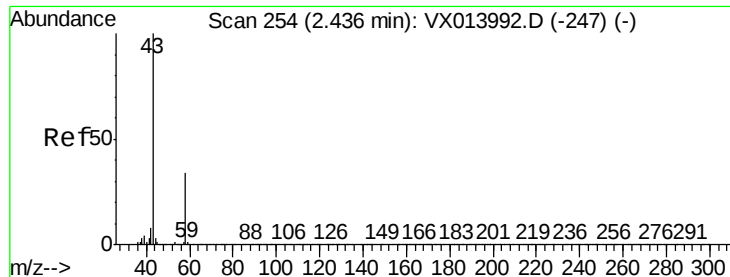
apatel
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#14
Acrylonitrile
Concen: 96.813 ug/l
RT: 3.13 min Scan# 368
Delta R.T. 0.00 min
Lab File: VX014137.D
Acq: 19 Dec 2019 21:40

Tgt Ion	Ratio	Lower	Upper
53	100		
52	81.6	41.5	124.6
51	36.0	17.8	53.5





#15

Acetone

Concen: 104.328 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014137.D

Acq: 19 Dec 2019 21:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 58 Resp: 90081

Ion Ratio Lower Upper

58 100

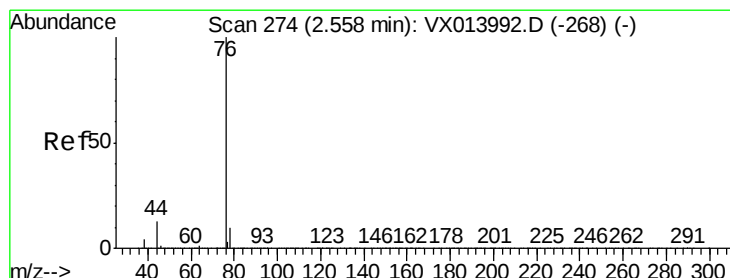
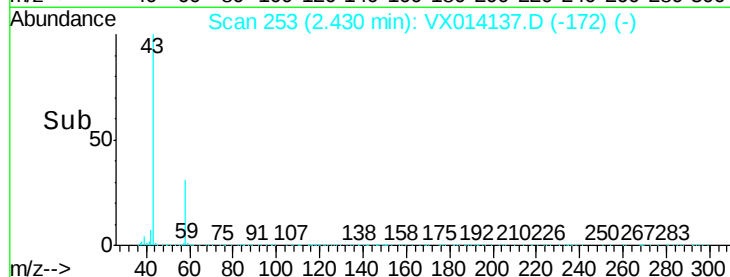
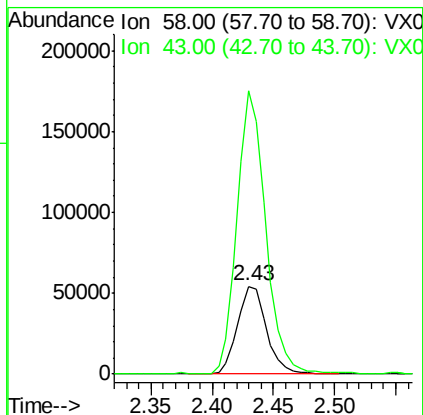
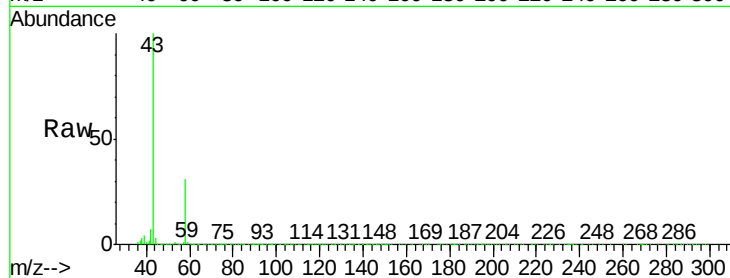
43 321.2 236.3 354.5

Manual Integrations

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#16

Carbon Disulfide

Concen: 18.858 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014137.D

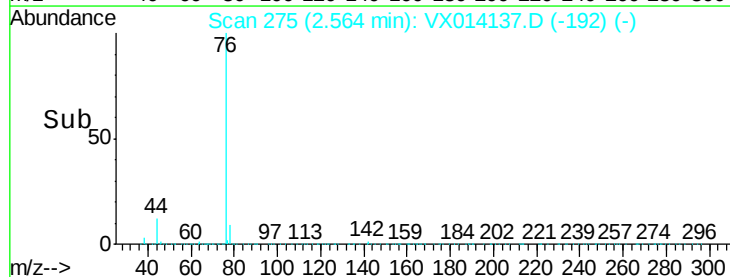
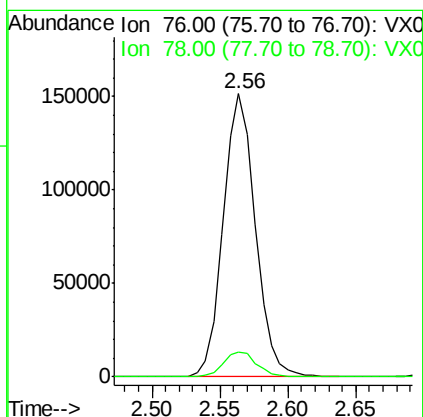
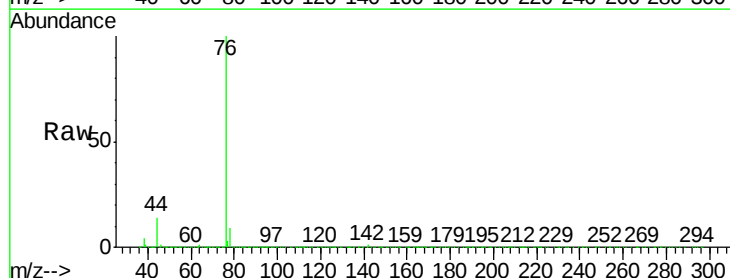
Acq: 19 Dec 2019 21:40

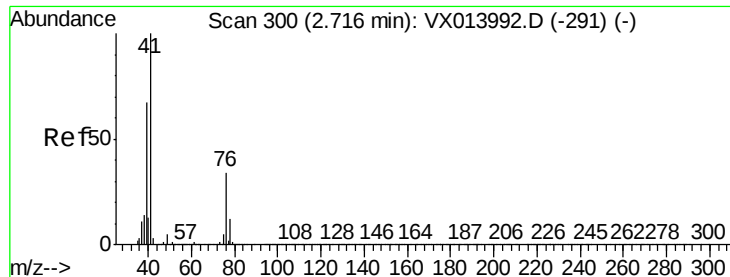
Tgt Ion: 76 Resp: 248110

Ion Ratio Lower Upper

76 100

78 8.8 7.8 11.8





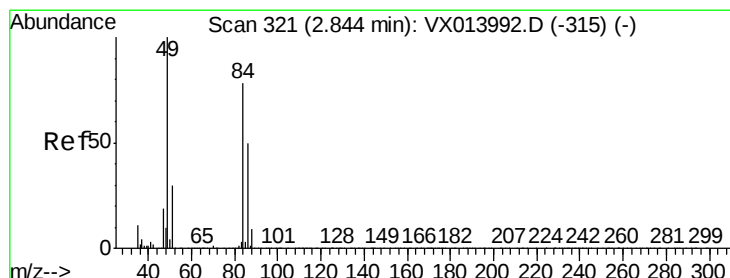
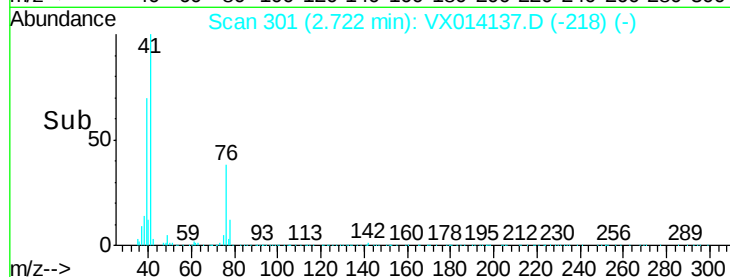
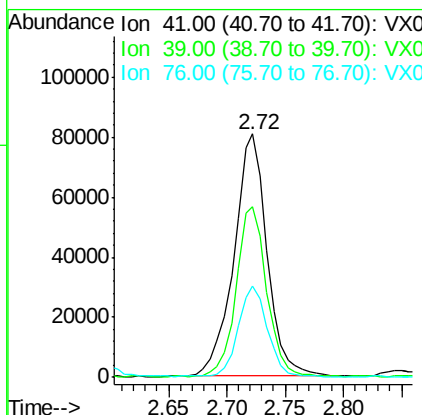
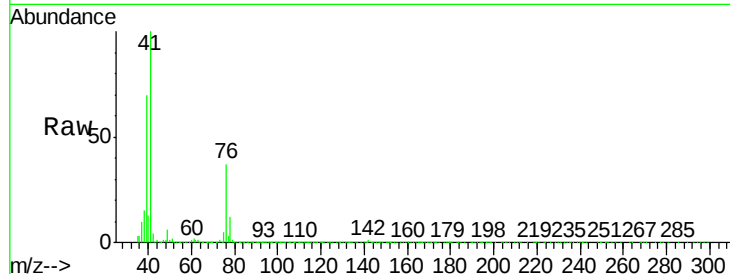
#17
Allvl chloride
Concen: 18.323 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX014137.D
Acq: 19 Dec 2019 21:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
41	100	159904		
39	69.8		33.4	100.2
76	37.3		17.0	50.9

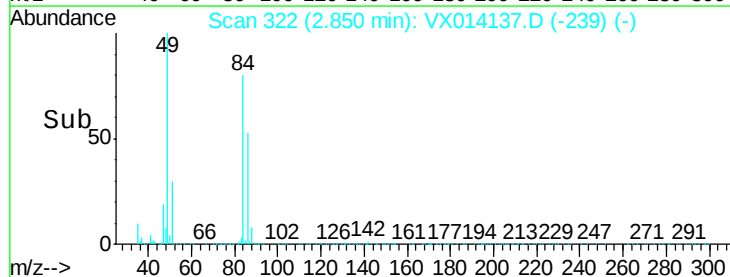
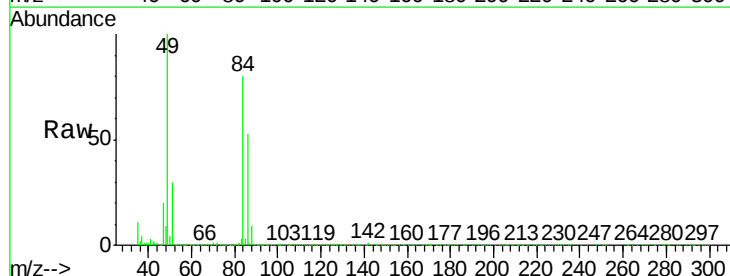
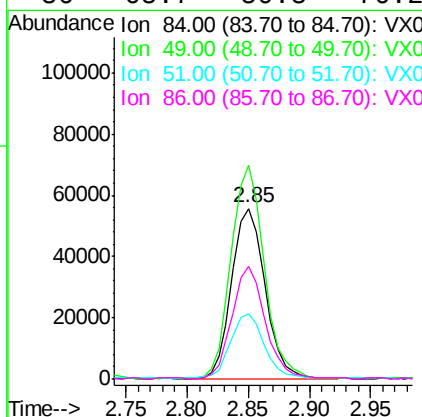
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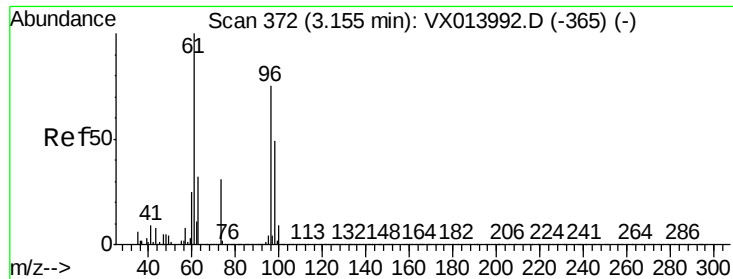
apatel
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#18
Methylene Chloride
Concen: 17.813 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX014137.D
Acq: 19 Dec 2019 21:40

Tgt Ion	Ratio	Resp	Lower	Upper
84	100	106006		
49	125.1		102.2	153.2
51	37.4		31.4	47.0
86	65.7		50.8	76.2





#19

trans-1,2-Dichloroethene

Concen: 18.473 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX014137.D

Acq: 19 Dec 2019 21:40

Instrument :

MSVOA_X

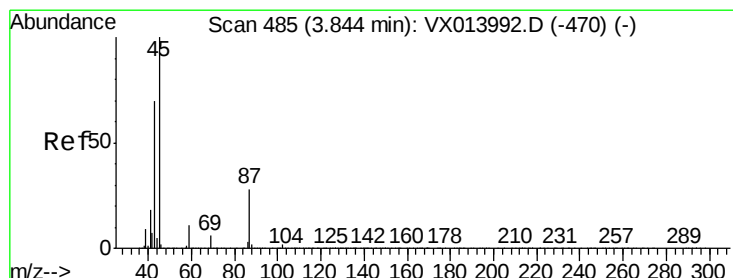
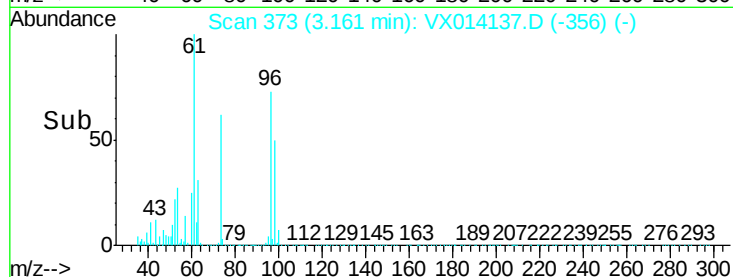
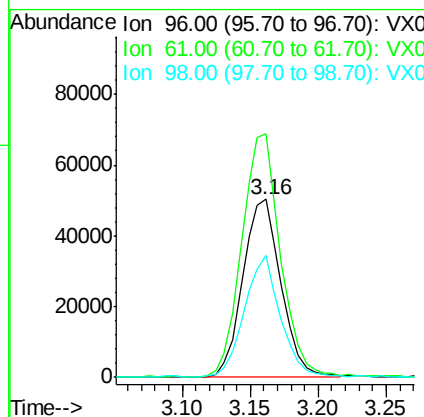
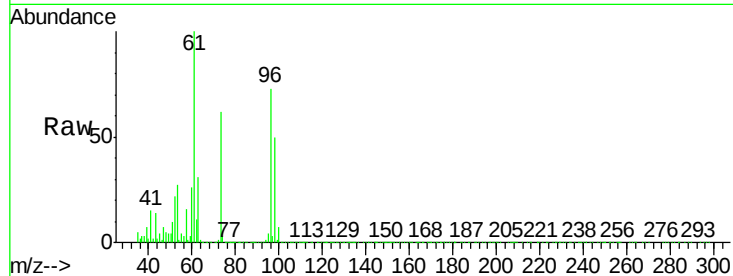
ClientSampleId :

VSTDCCC020EC

Tot Ion:	96	Resp:	98247
Ion Ratio	Lower	Upper	
96	100		
61	136.4	106.6	159.8
98	68.2	51.6	77.4

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#20

Diisopropyl ether

Concen: 19.184 ug/l

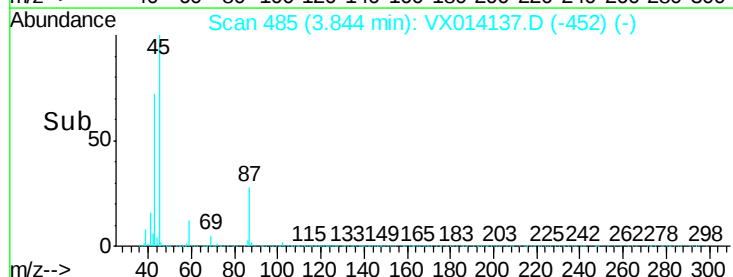
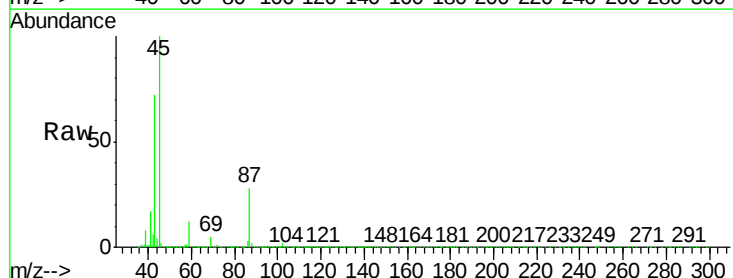
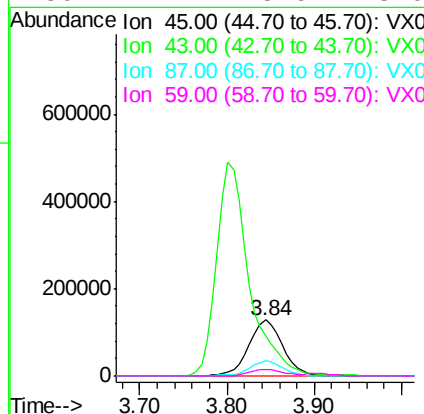
RT: 3.84 min Scan# 485

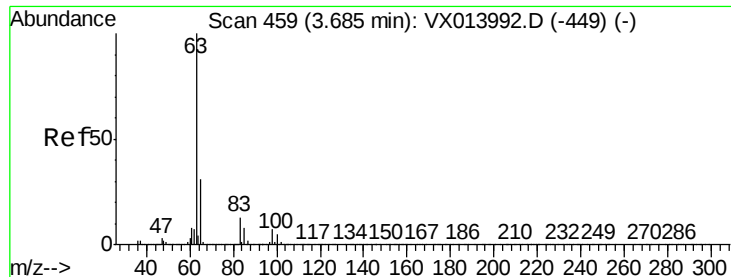
Delta R.T. 0.00 min

Lab File: VX014137.D

Acq: 19 Dec 2019 21:40

Tgt Ion:	45	Resp:	343541
Ion Ratio	Lower	Upper	
45	100		
43	70.3	55.9	83.9
87	27.7	22.2	33.2
59	11.4	8.6	13.0





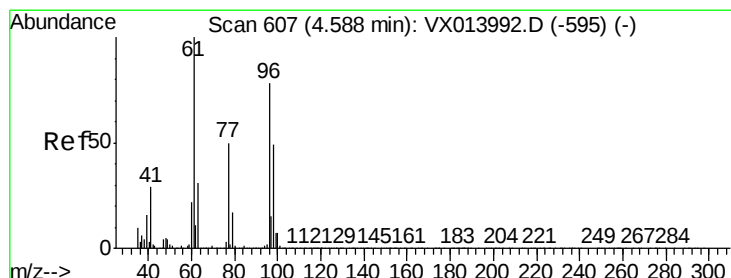
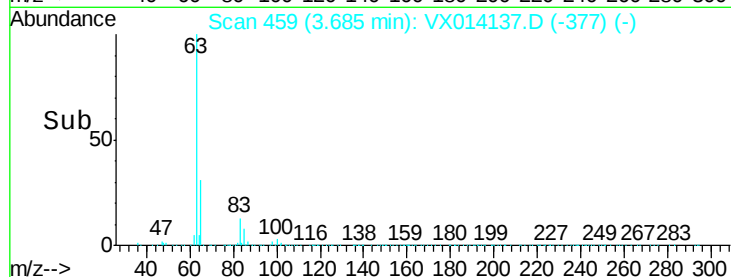
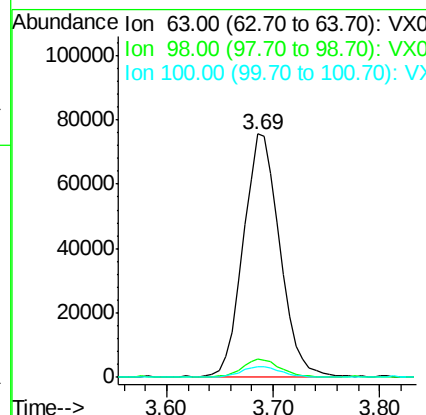
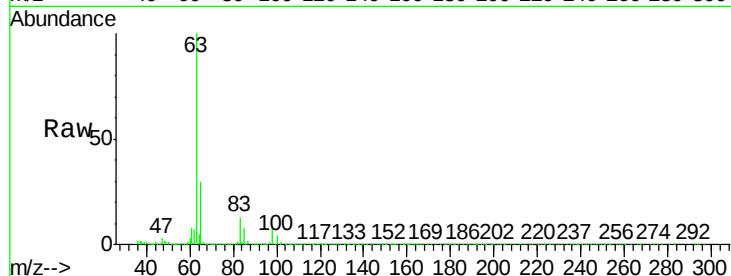
#21
1,1-Dichloroethane
Concen: 18.586 ug/l
RT: 3.69 min Scan# 459
Delta R.T. 0.00 min
Lab File: VX014137.D
Acq: 19 Dec 2019 21:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp Lower	Upper
63	100		
98	7.5	3.4	10.1
100	4.1	2.5	7.4

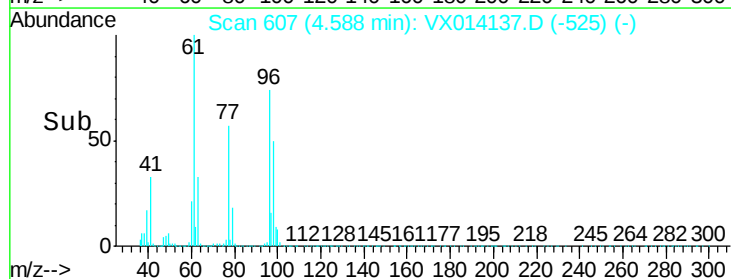
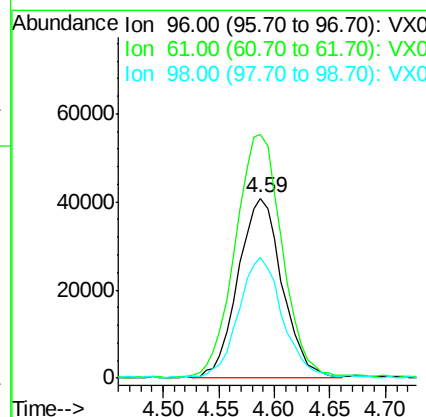
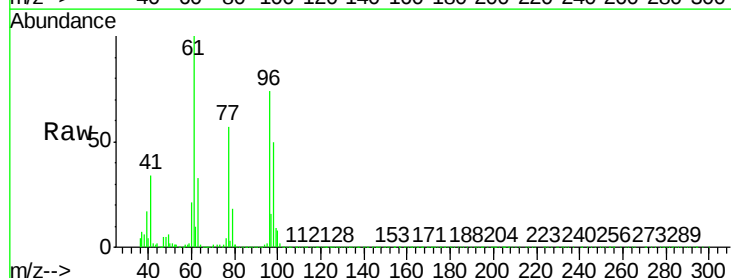
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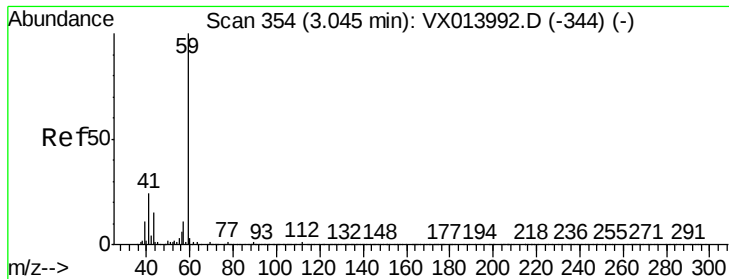
apatel
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#22
cis-1,2-Dichloroethene
Concen: 18.233 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX014137.D
Acq: 19 Dec 2019 21:40

Tgt Ion	Ratio	Resp Lower	Upper
96	100		
61	143.2	112.4	168.6
98	66.4	50.3	75.5





#23

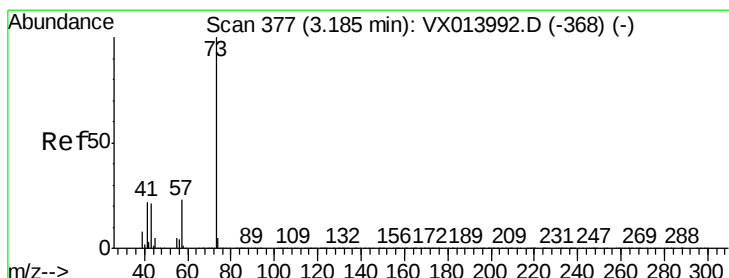
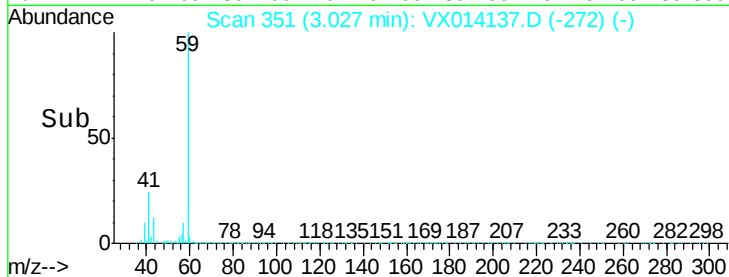
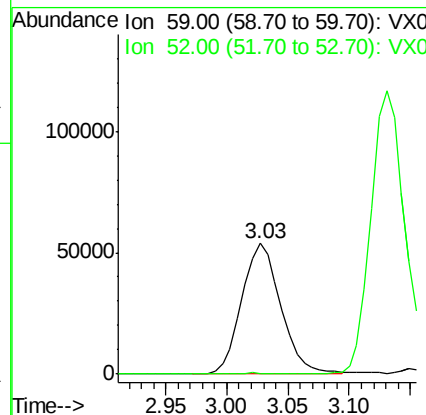
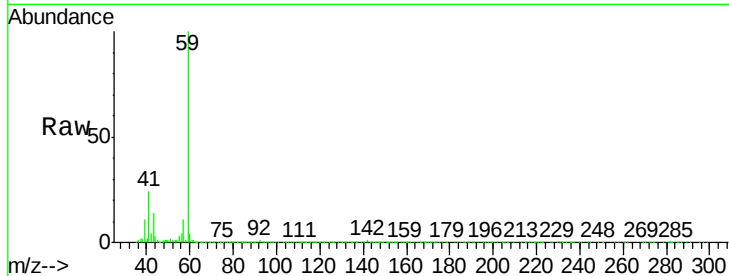
tert-Butyl Alcohol
 Concen: 103.329 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.02 min
 Lab File: VX014137.D
 Acq: 19 Dec 2019 21:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.1	0.2	0.2#

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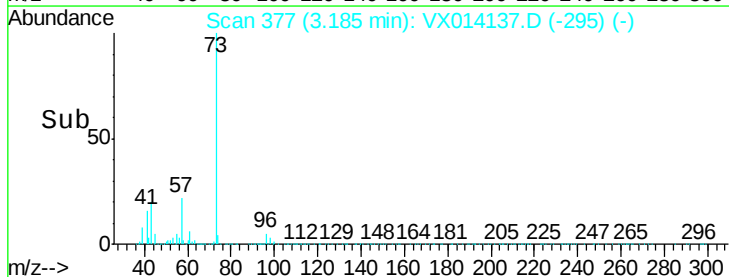
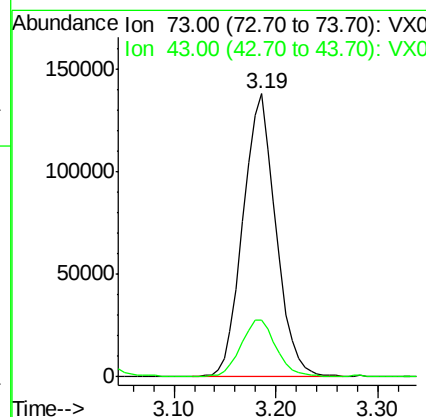
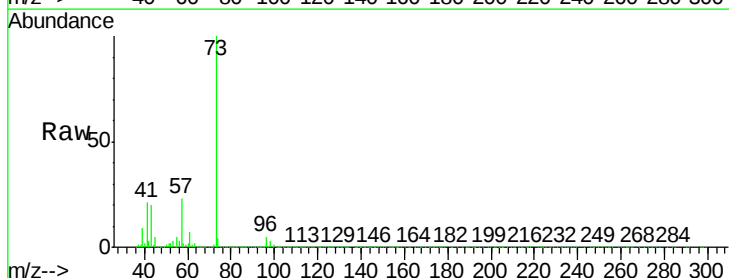
apatel
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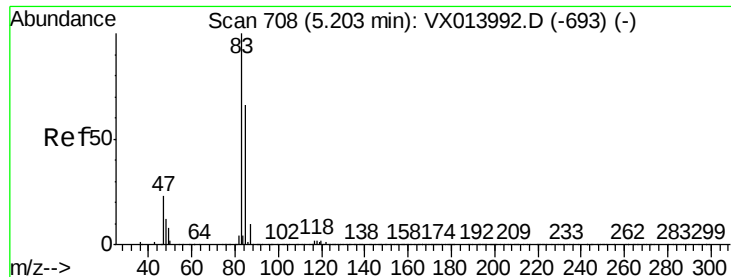


#24

Methyl tert-Butyl Ether
 Concen: 18.779 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX014137.D
 Acq: 19 Dec 2019 21:40

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.0	16.6	25.0





#25

Chloroform

Concen: 18.947 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.00 min

Lab File: VX014137.D

Acq: 19 Dec 2019 21:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 83 Resp: 175559

Ion Ratio Lower Upper

83 100

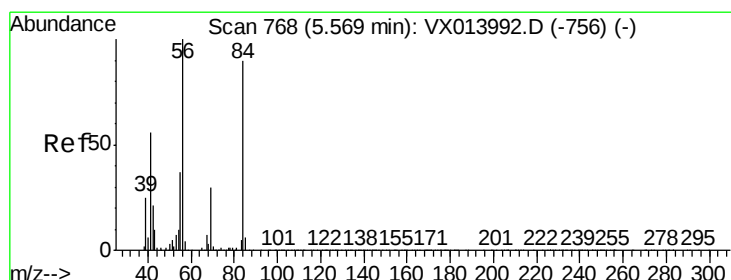
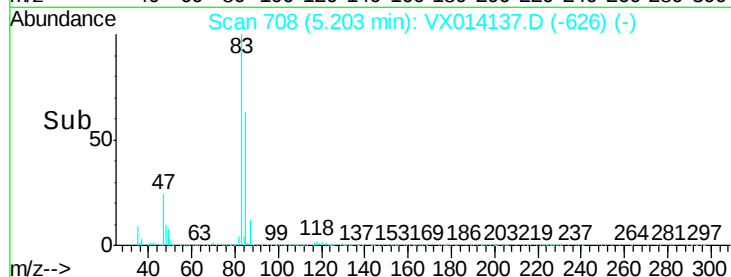
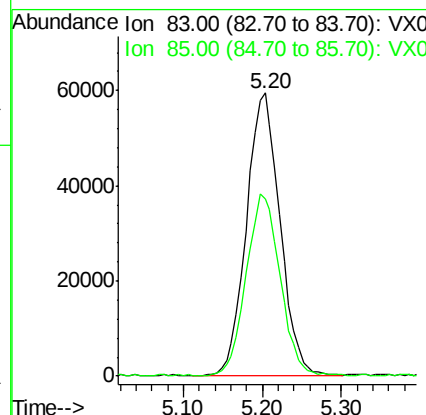
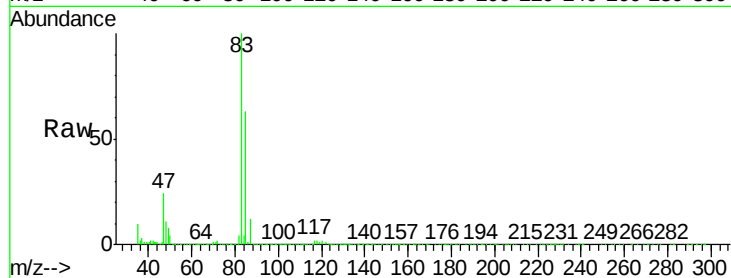
85 62.7 52.7 79.1

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#26

Cyclohexane

Concen: 18.405 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX014137.D

Acq: 19 Dec 2019 21:40

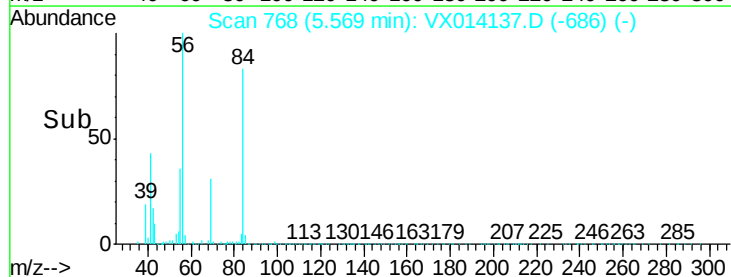
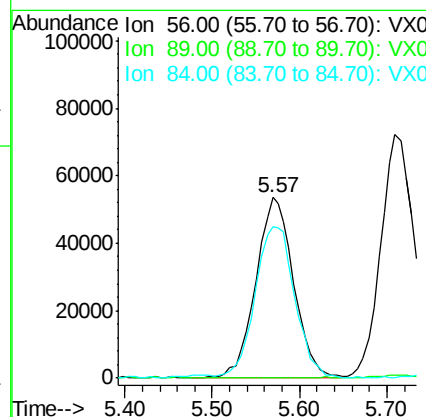
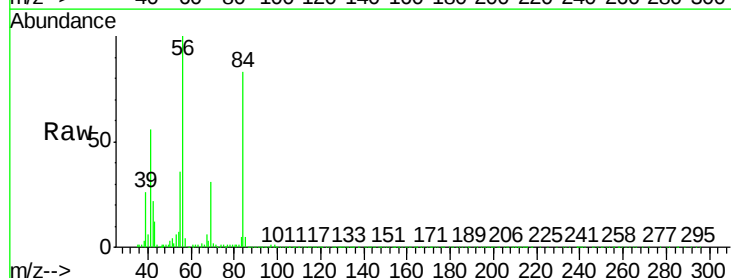
Tgt Ion: 56 Resp: 159500

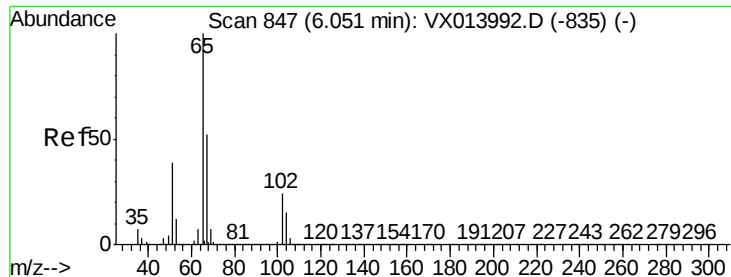
Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1#

84 87.7 70.8 106.2





#27

1,2-Dichloroethane-d4

Concen: 29.260 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014137.D

Acq: 19 Dec 2019 21:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 65 Resp: 181743

Ion Ratio Lower Upper

65 100

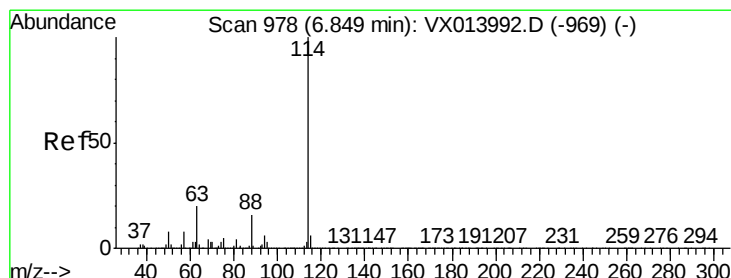
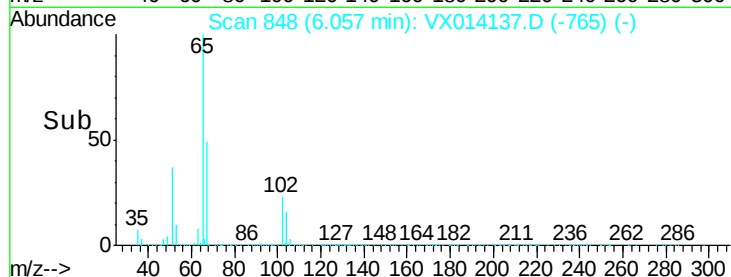
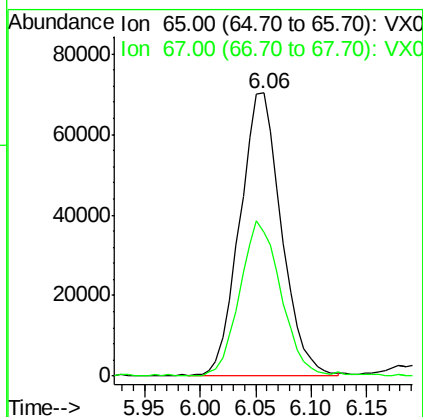
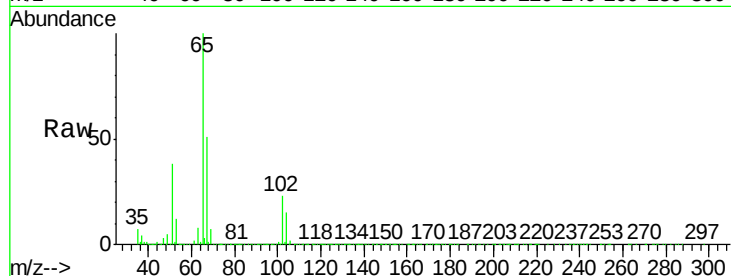
67 54.1 43.1 64.7

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014137.D

Acq: 19 Dec 2019 21:40

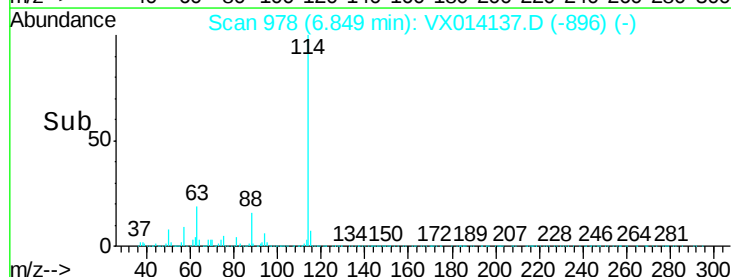
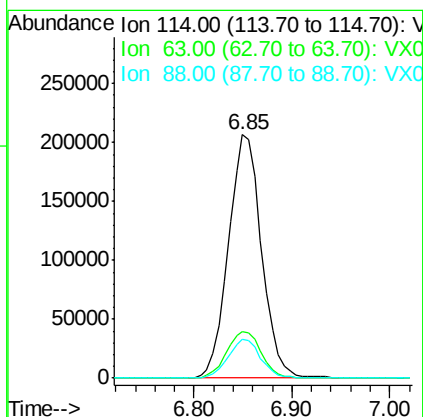
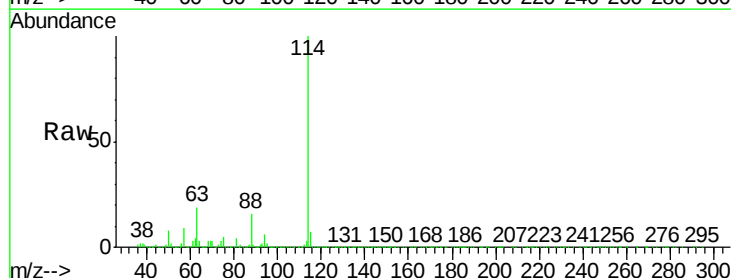
Tgt Ion: 114 Resp: 479805

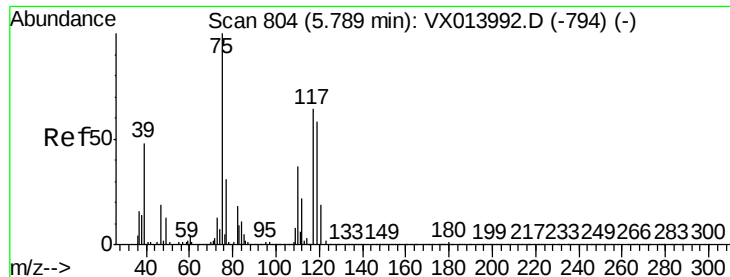
Ion Ratio Lower Upper

114 100

63 19.9 16.1 24.1

88 15.8 12.5 18.7





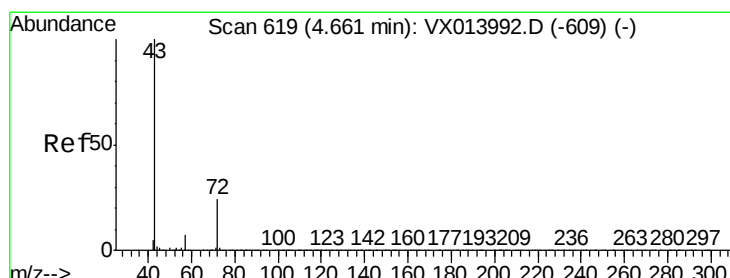
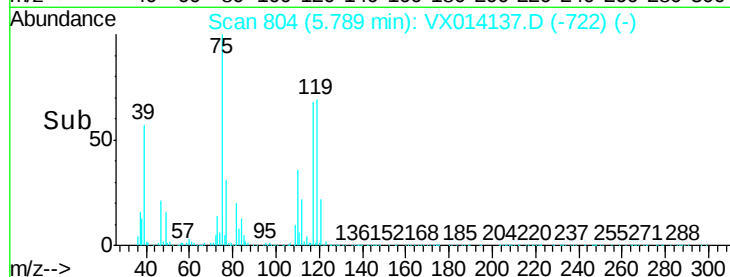
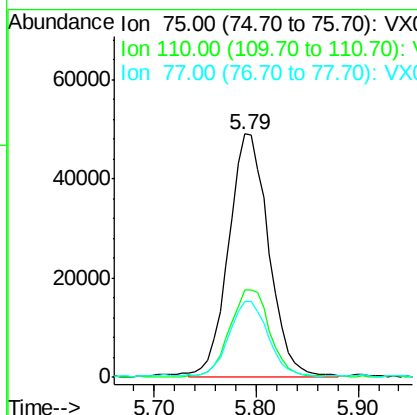
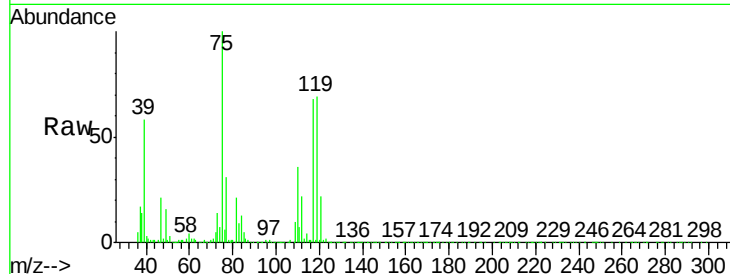
#29
 1,1-Dichloropropene
 Concen: 19.258 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX014137.D
 Acq: 19 Dec 2019 21:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:	75	Resp:	133472
Ion Ratio	Lower	Upper	
75	100		
110	36.4	0.0	73.8
77	30.4	0.0	62.4

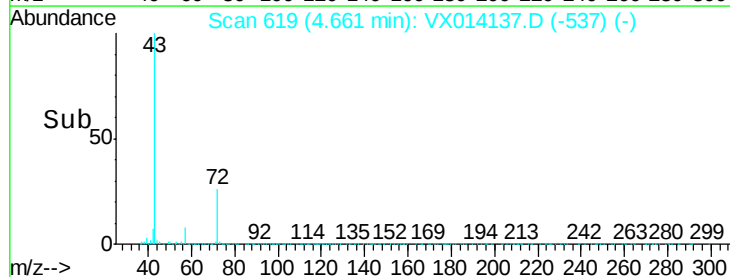
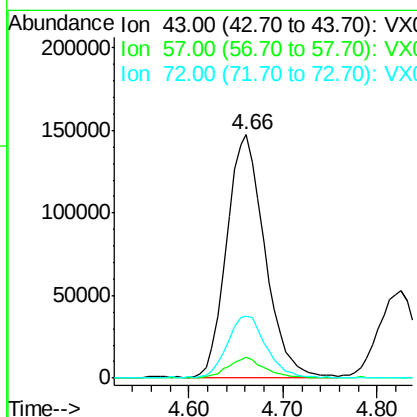
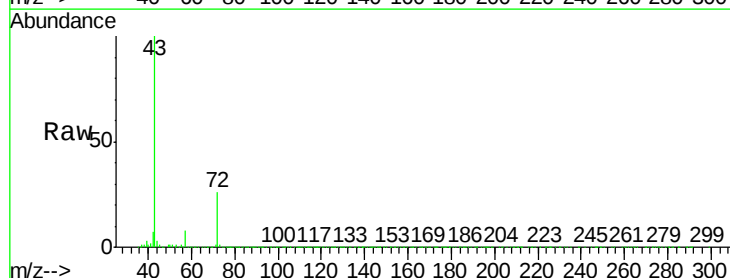
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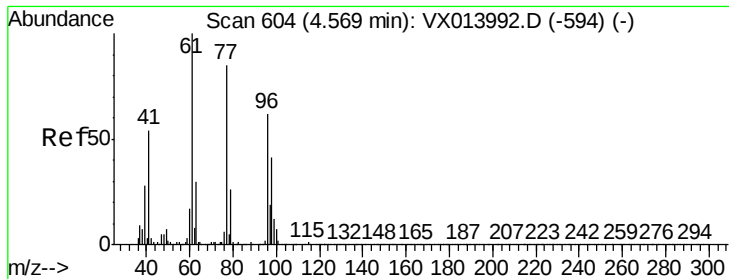
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#30
 2-Butanone
 Concen: 100.786 ug/l
 RT: 4.66 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: VX014137.D
 Acq: 19 Dec 2019 21:40

Tgt Ion:	43	Resp:	411718
Ion Ratio	Lower	Upper	
43	100		
57	7.8	6.2	9.2
72	25.5	20.3	30.5





#31

2,2-Dichloropropane

Concen: 19.422 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX014137.D

Acq: 19 Dec 2019 21:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 77 Resp: 124515

Ion Ratio Lower Upper

77 100

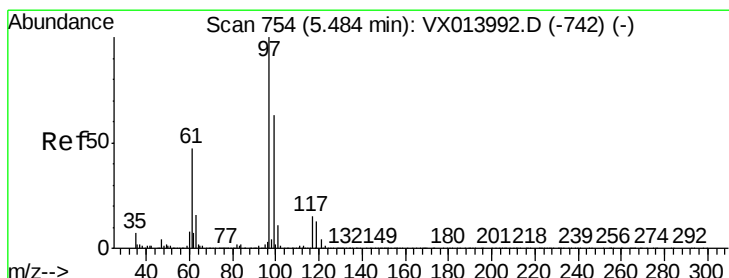
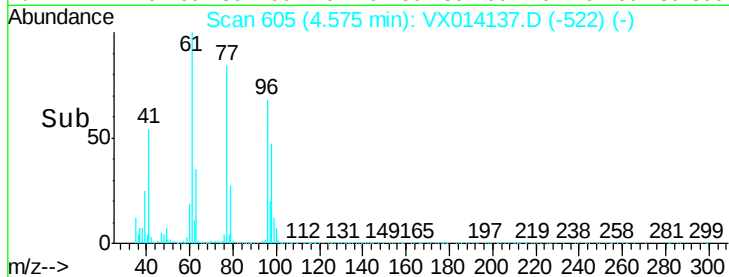
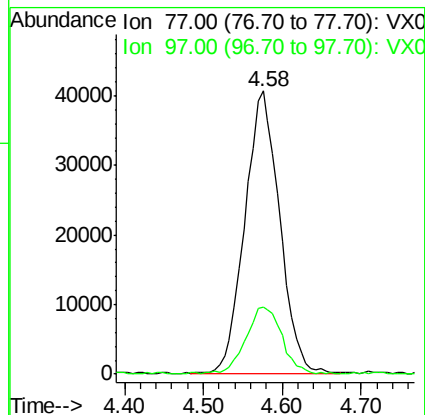
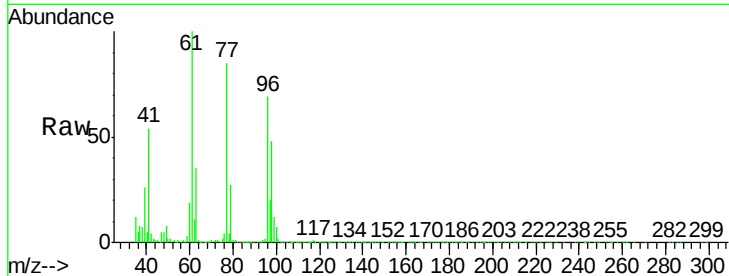
97 23.6 19.7 29.5

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#32

1,1,1-Trichloroethane

Concen: 19.057 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX014137.D

Acq: 19 Dec 2019 21:40

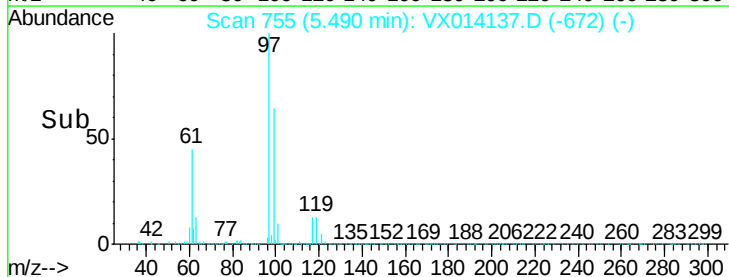
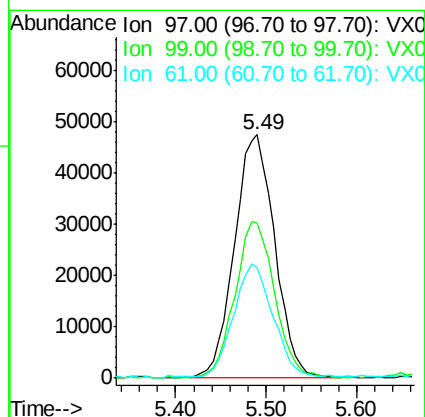
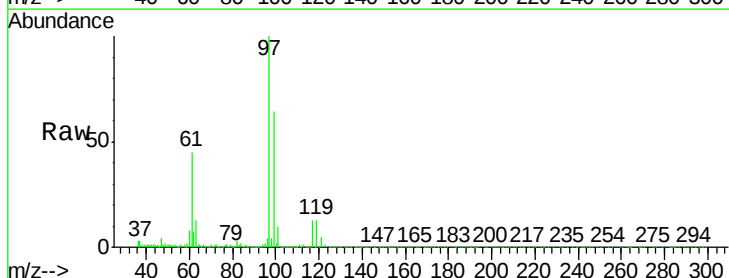
Tgt Ion: 97 Resp: 146088

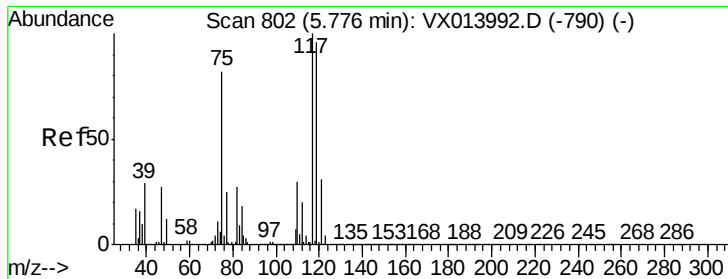
Ion Ratio Lower Upper

97 100

99 62.5 51.9 77.9

61 44.9 36.8 55.2





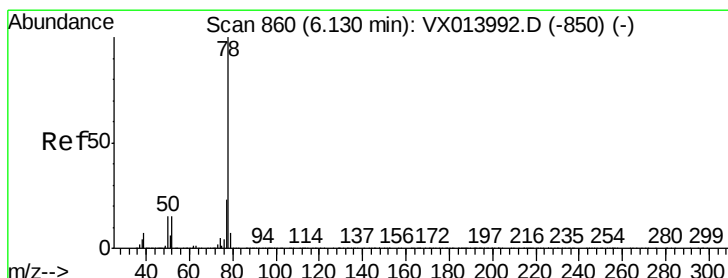
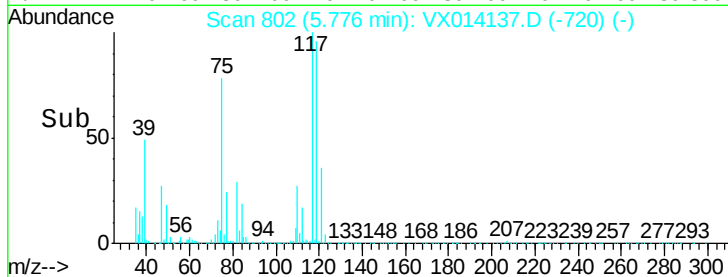
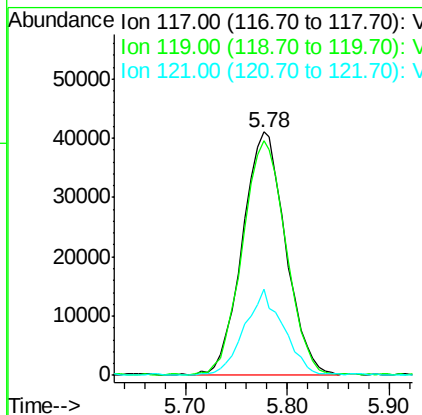
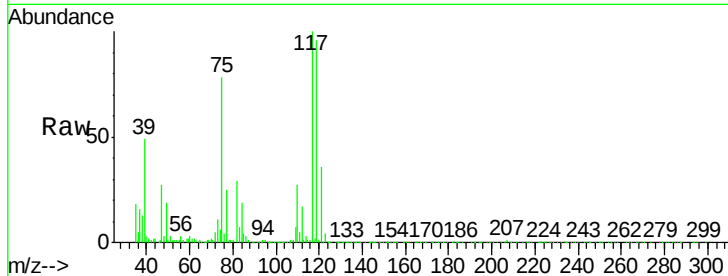
#33
Carbon Tetrachloride
Concen: 18.562 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014137.D
Acq: 19 Dec 2019 21:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.2	115.8
121	35.3	24.8	37.2

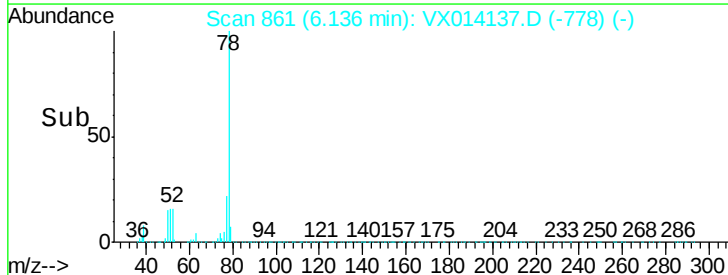
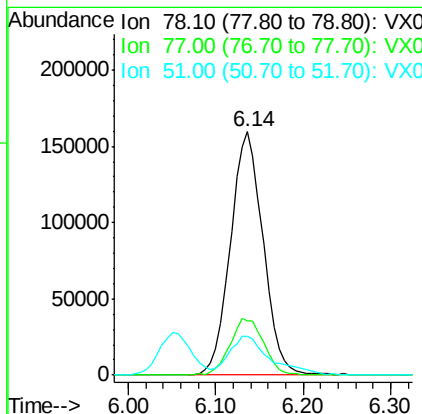
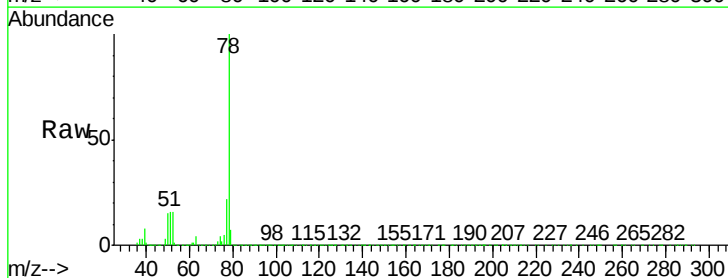
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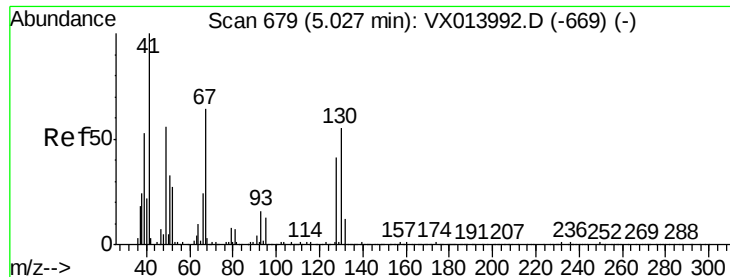
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#34
Benzene
Concen: 19.130 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014137.D
Acq: 19 Dec 2019 21:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.4	18.2	27.2
51	15.7	12.4	18.6





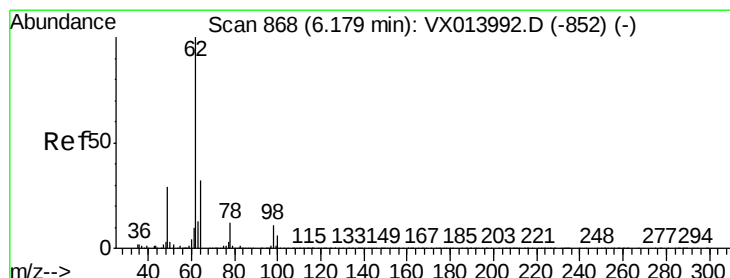
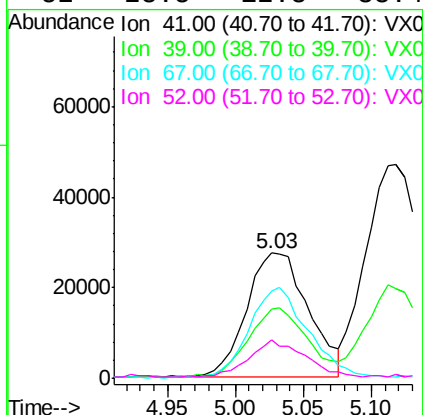
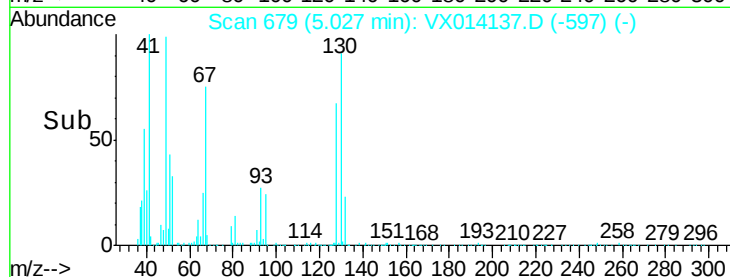
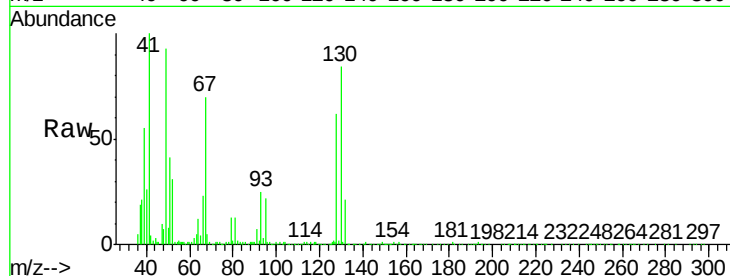
#35
Methacrylonitrile
Concen: 19.746 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014137.D
Acq: 19 Dec 2019 21:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.3	26.7	80.1	
67	69.5	31.5	94.5	
52	28.5	12.8	38.4	

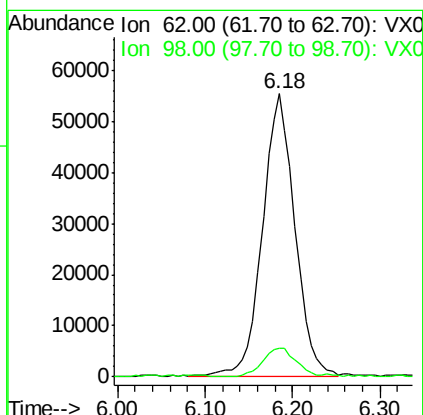
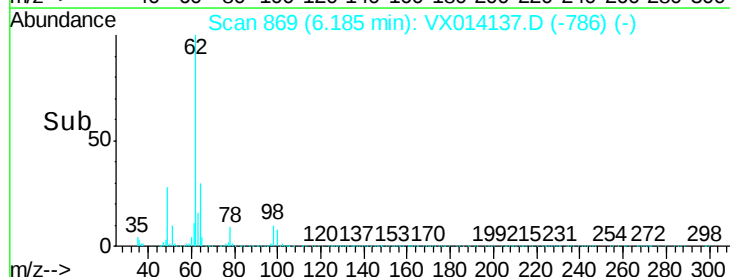
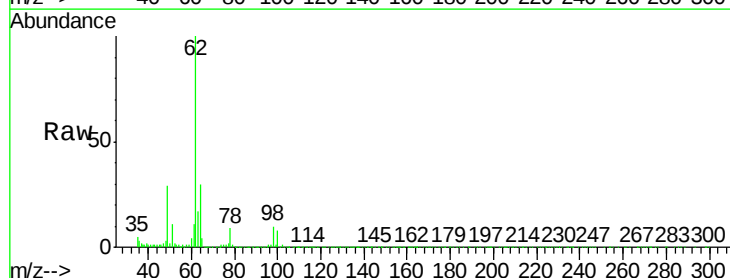
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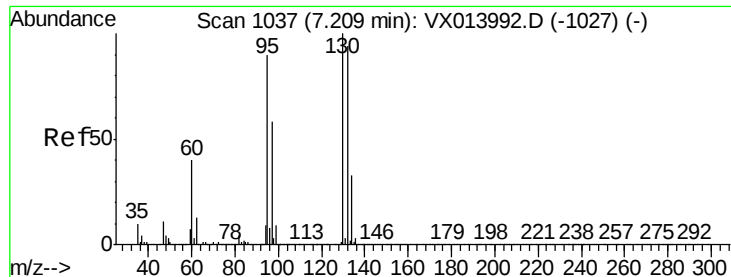
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#36
1,2-Dichloroethane
Concen: 18.965 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX014137.D
Acq: 19 Dec 2019 21:40

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.3	8.4	12.6	





#37

Trichloroethene

Concen: 18.554 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014137.D

Acq: 19 Dec 2019 21:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:130 Resp: 109103

Ion Ratio Lower Upper

130 100

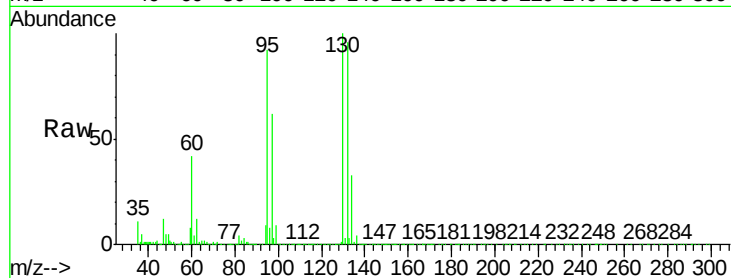
95 91.7 71.7 107.5

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

60000

50000

40000

30000

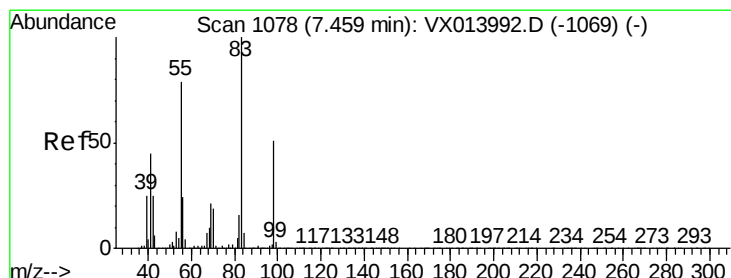
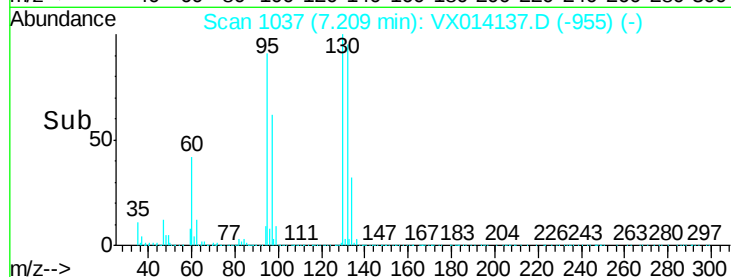
20000

10000

0

7.10 7.15 7.20 7.25 7.30

Time-->



#38

Methylcyclohexane

Concen: 18.849 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. 0.00 min

Lab File: VX014137.D

Acq: 19 Dec 2019 21:40

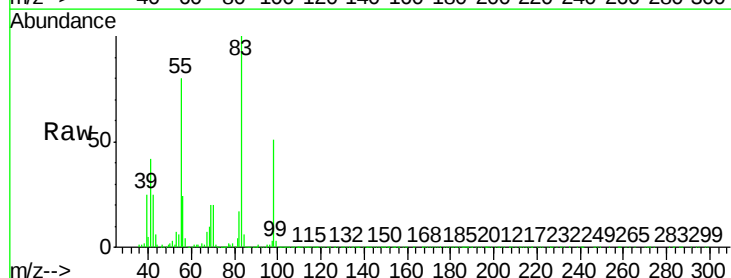
Tgt Ion: 83 Resp: 155824

Ion Ratio Lower Upper

83 100

55 79.2 39.4 118.1

98 49.2 25.1 75.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

100000

80000

60000

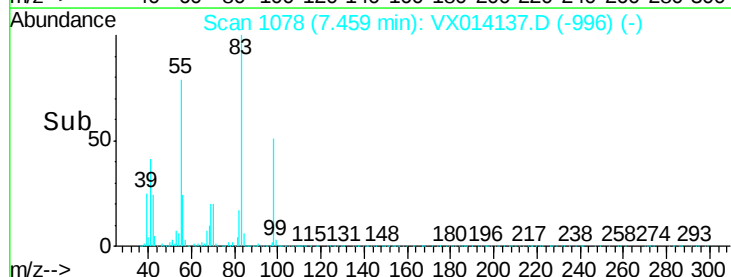
40000

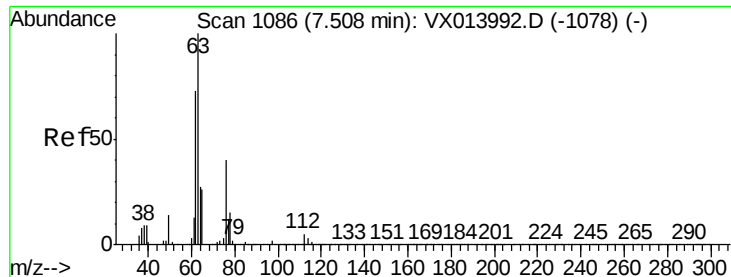
20000

0

7.35 7.40 7.45 7.50 7.55

Time-->





#39

1,2-Dichloropropane

Concen: 19.101 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014137.D

Acq: 19 Dec 2019 21:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 63 Resp: 107210

Ion Ratio Lower Upper

63 100

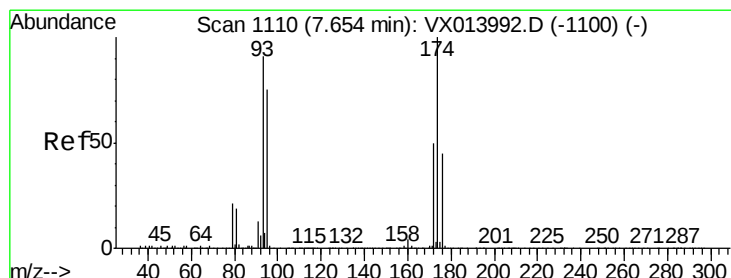
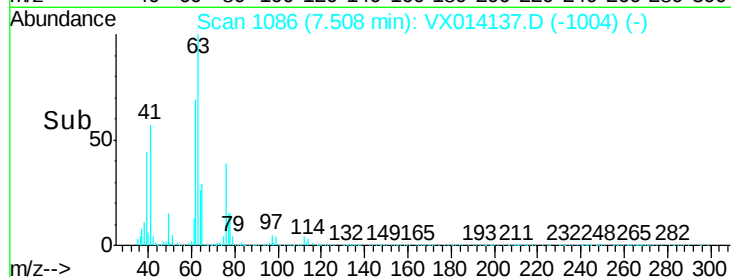
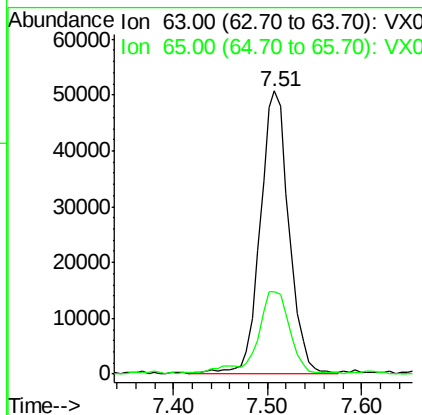
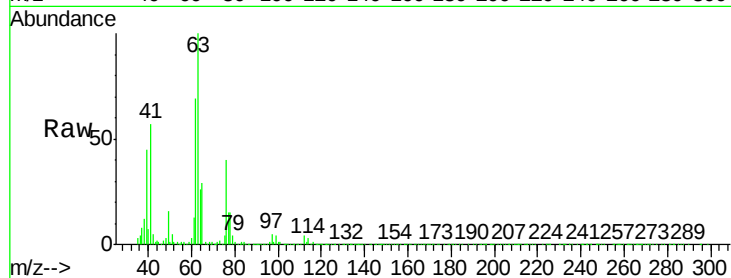
65 28.8 22.1 33.1

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#40

Dibromomethane

Concen: 19.152 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014137.D

Acq: 19 Dec 2019 21:40

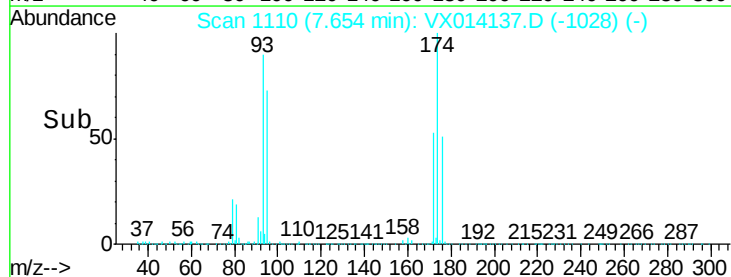
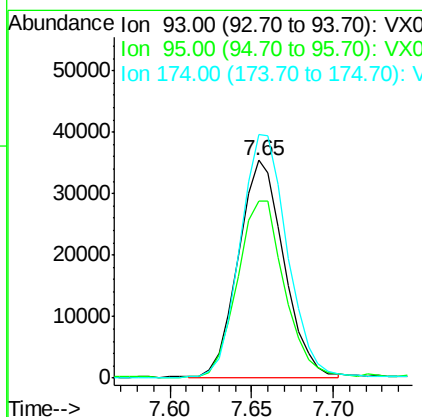
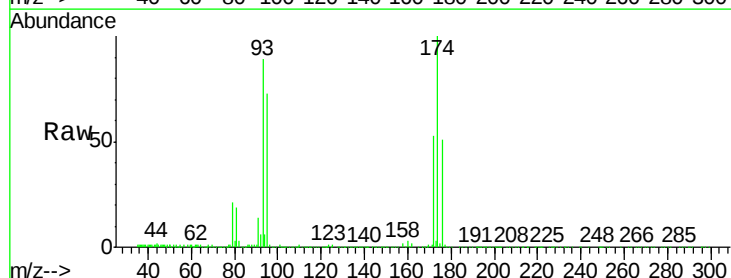
Tgt Ion: 93 Resp: 68672

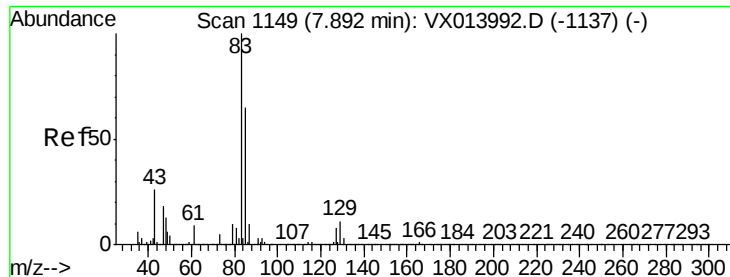
Ion Ratio Lower Upper

93 100

95 84.9 0.0 164.4

174 115.3 0.0 228.8





#41

Bromodichloromethane

Concen: 18.756 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014137.D

Acq: 19 Dec 2019 21:40

Instrument :

MSVOA_X

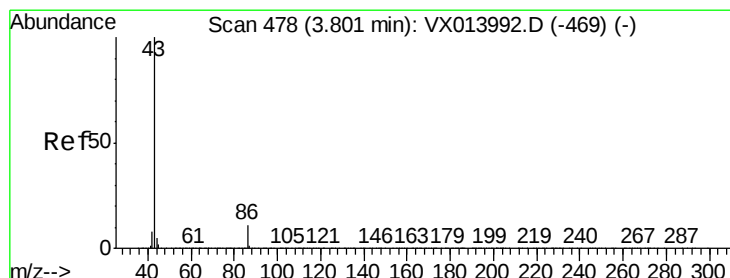
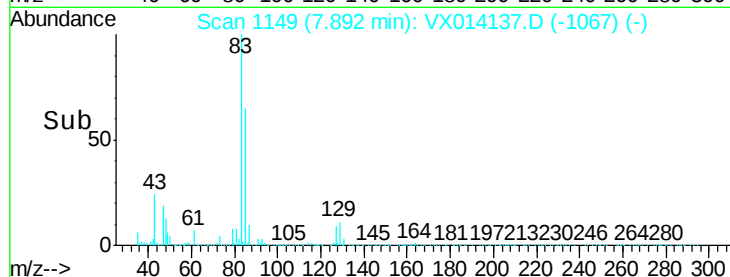
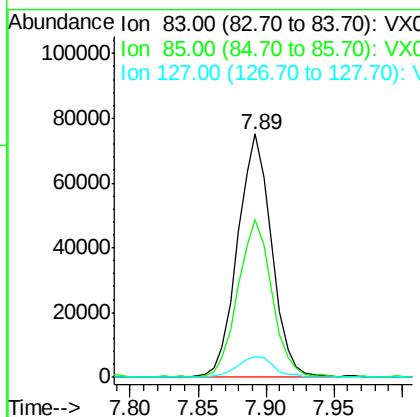
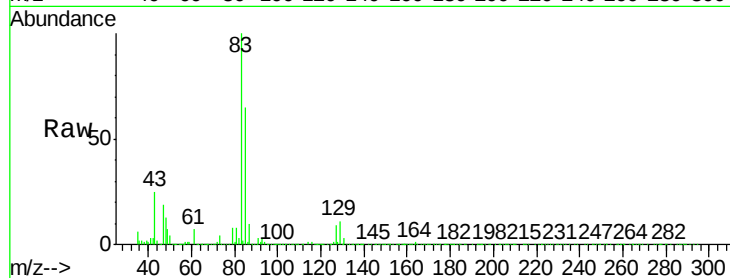
ClientSampleId :

VSTDCCC020EC

Tot Ion:	83	Resp:	130221
Ion Ratio	Lower	Upper	
83	100		
85	64.6	51.6	77.4
127	8.6	6.0	9.0

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#42

Vinyl Acetate

Concen: 87.958 ug/l

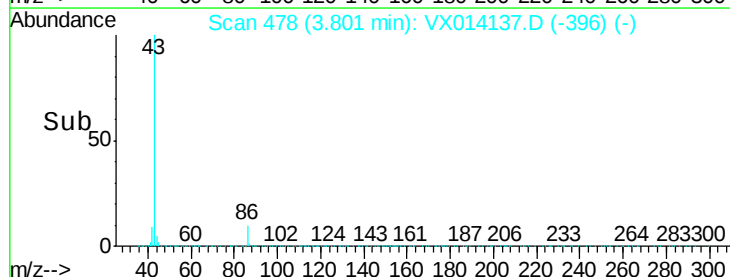
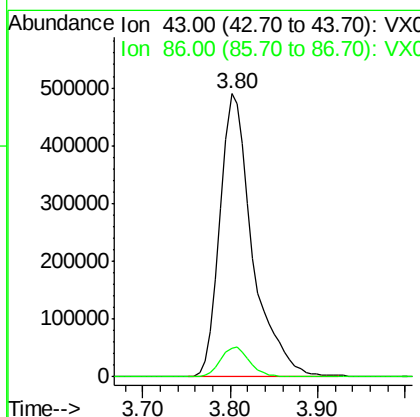
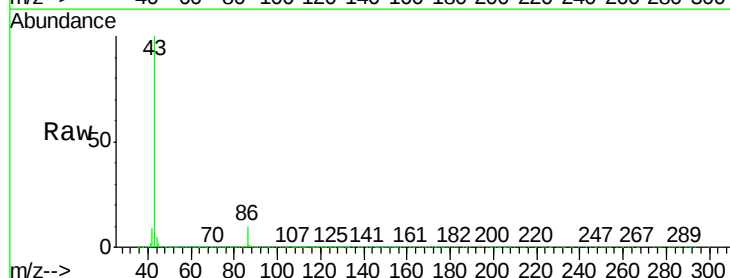
RT: 3.80 min Scan# 478

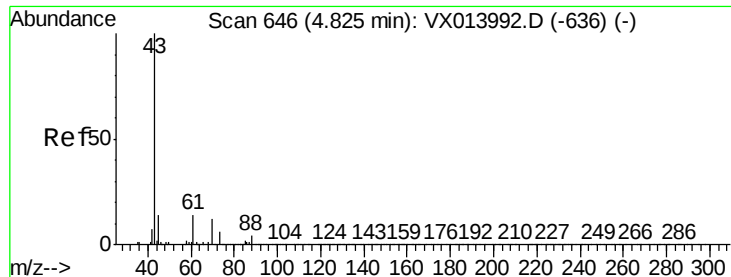
Delta R.T. 0.00 min

Lab File: VX014137.D

Acq: 19 Dec 2019 21:40

Tgt Ion:	43	Resp:	1268586
Ion Ratio	Lower	Upper	
43	100		
86	9.4	7.7	11.5





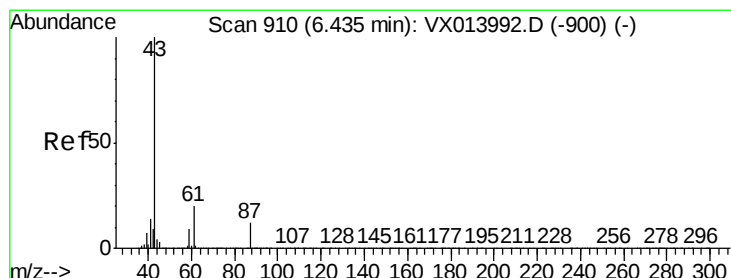
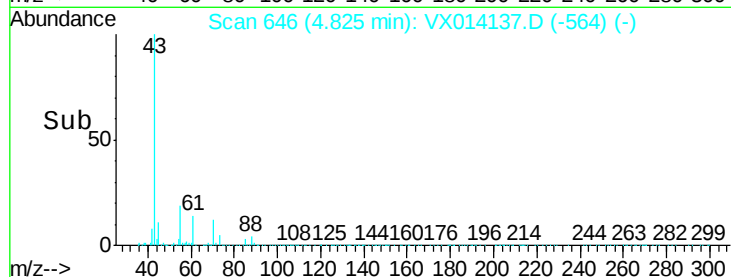
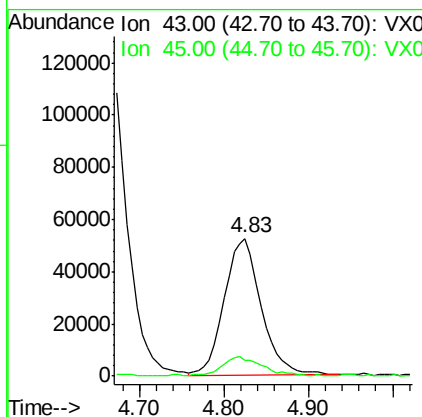
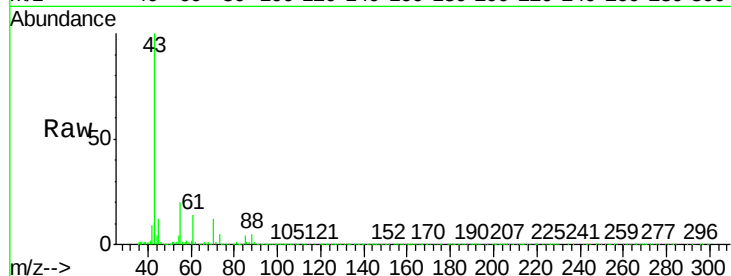
#43
Ethyl Acetate
Concen: 19.931 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.00 min
Lab File: VX014137.D
Acq: 19 Dec 2019 21:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
45	13.0	11.8	17.8

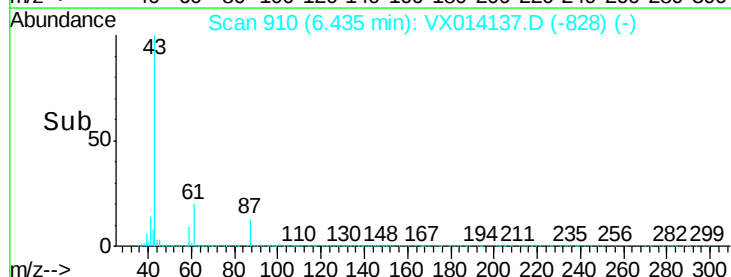
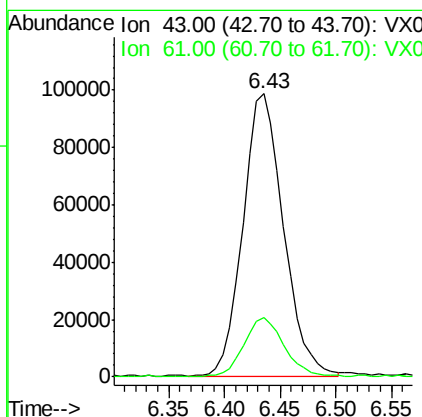
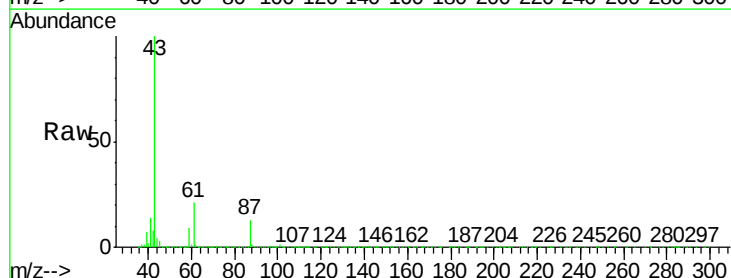
Manual Integrations
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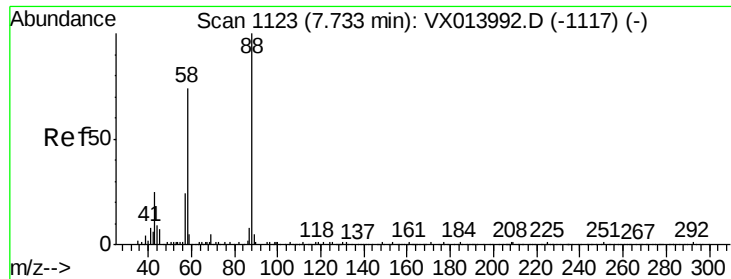
apatel
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#44
Isopropyl Acetate
Concen: 18.995 ug/l
RT: 6.43 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX014137.D
Acq: 19 Dec 2019 21:40

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.7	15.9	23.9





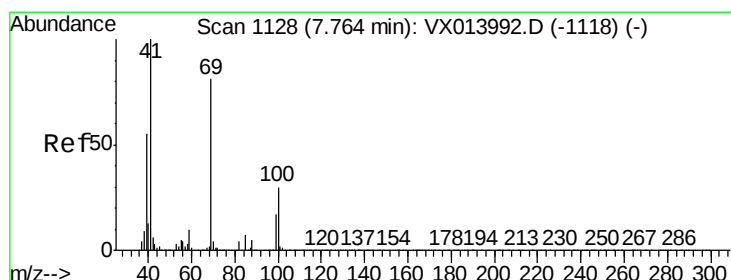
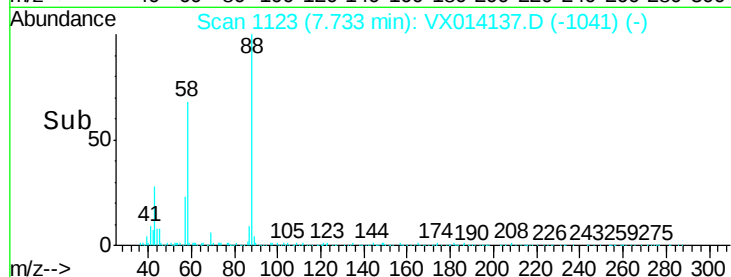
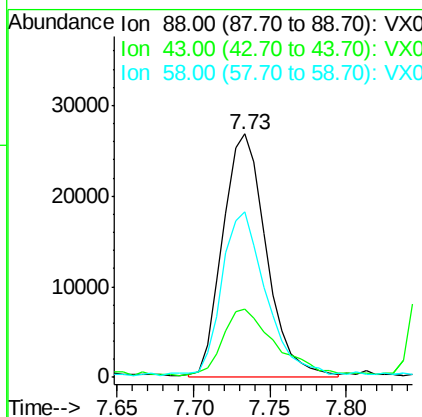
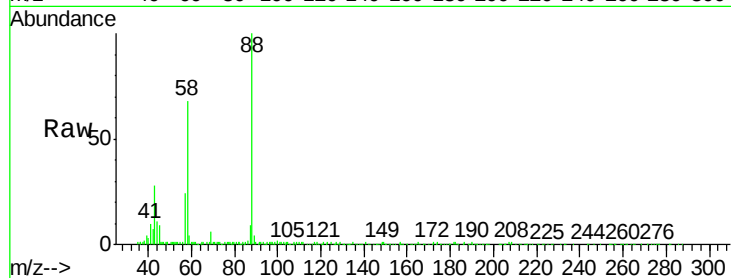
#45
 1,4-Dioxane
 Concen: 431.404 ug/l
 RT: 7.73 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: VX014137.D
 Acq: 19 Dec 2019 21:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:	88	Resp:	53038
Ion	Ratio	Lower	Upper
88	100		
43	32.5	25.4	38.2
58	67.5	56.5	84.7

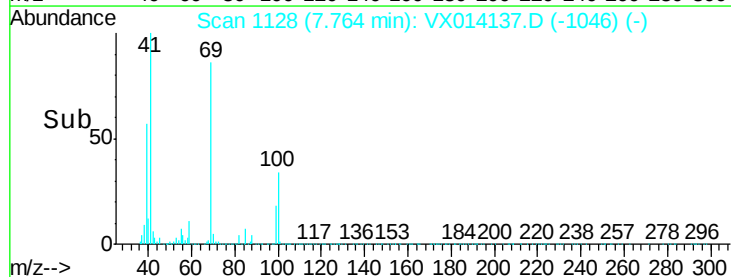
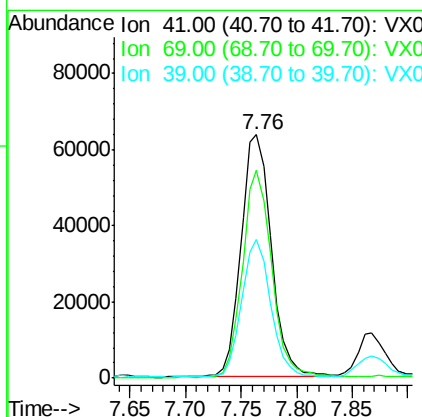
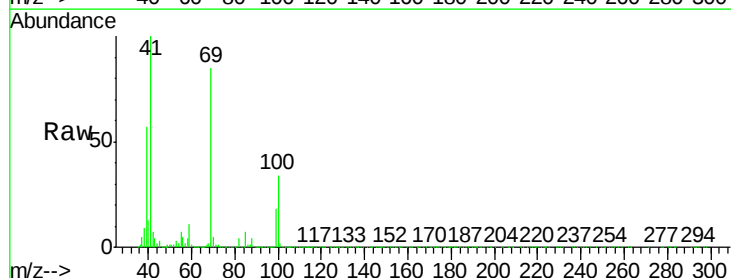
Manual Integrations
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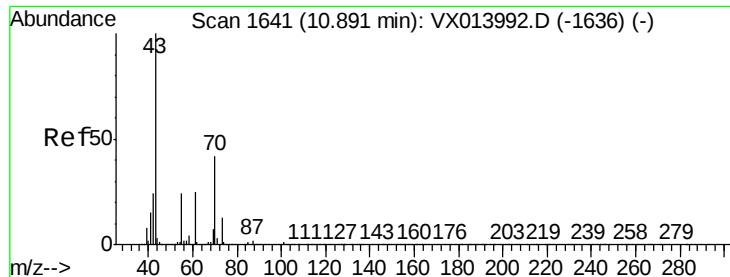
apatel
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#46
 Methyl methacrylate
 Concen: 18.942 ug/l
 RT: 7.76 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: VX014137.D
 Acq: 19 Dec 2019 21:40

Tgt Ion:	41	Resp:	120792
Ion	Ratio	Lower	Upper
41	100		
69	85.5	40.6	122.0
39	56.4	27.8	83.3





#47

n-amvl Acetate

Concen: 18.189 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014137.D

Acq: 19 Dec 2019 21:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 43 Resp: 212332

Ion Ratio Lower Upper

43 100

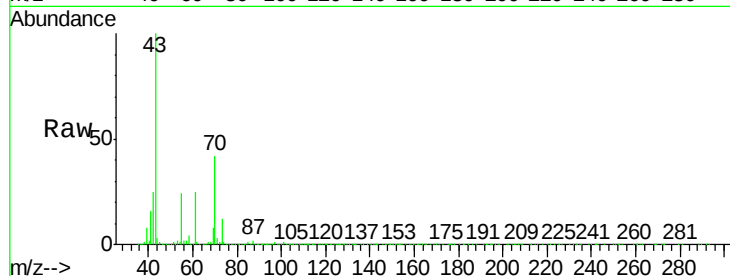
55 23.5 19.4 29.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

10.89

200000

150000

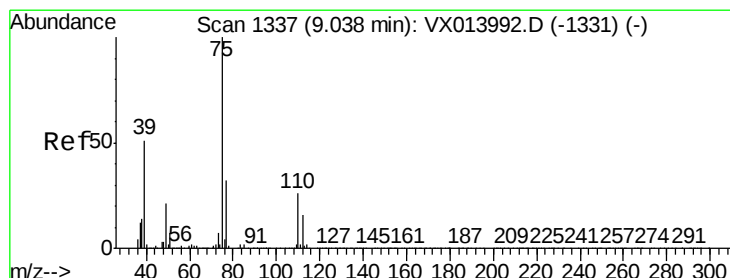
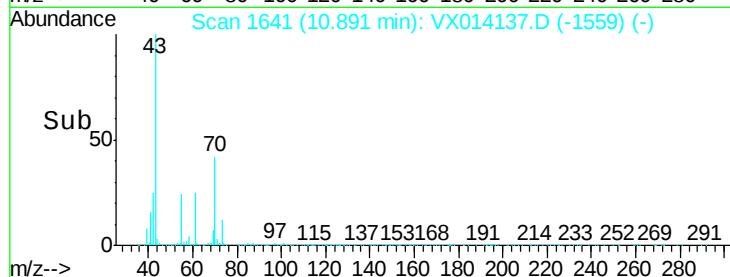
100000

50000

0

10.85 10.90 10.95

Time-->



#48

t-1,3-Dichloropropene

Concen: 18.707 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX014137.D

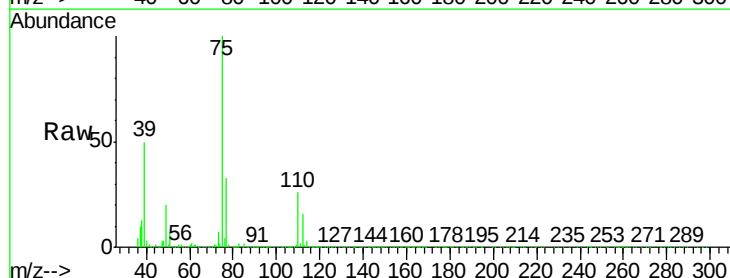
Acq: 19 Dec 2019 21:40

Tgt Ion: 75 Resp: 141755

Ion Ratio Lower Upper

75 100

77 32.9 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

9.04

100000

80000

60000

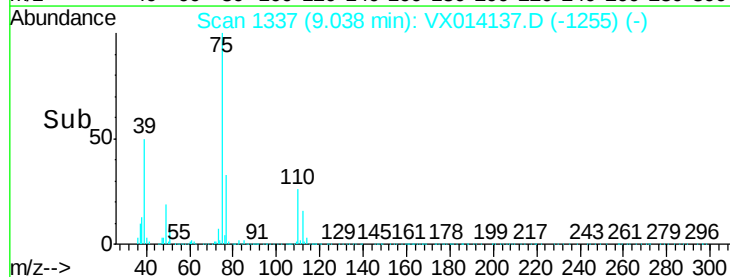
40000

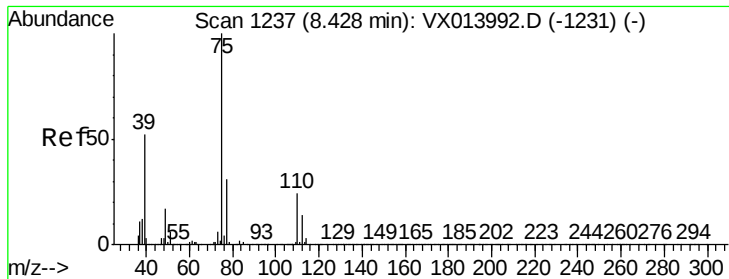
20000

0

8.95 9.00 9.05 9.10

Time-->





#49

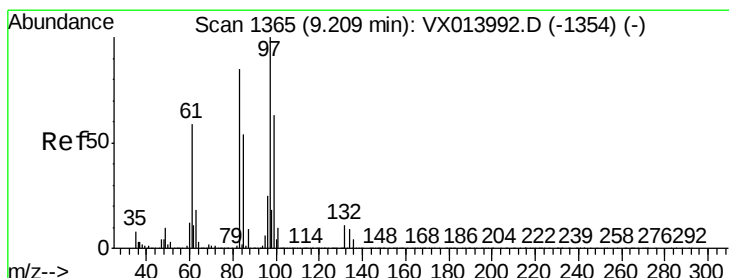
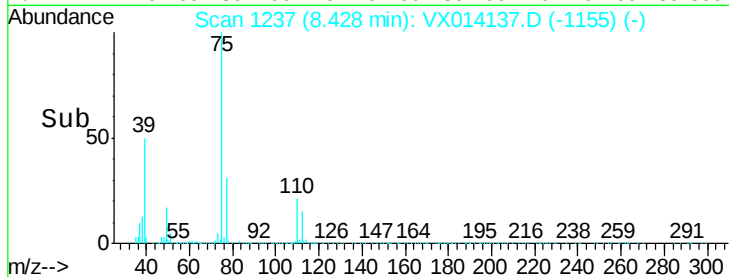
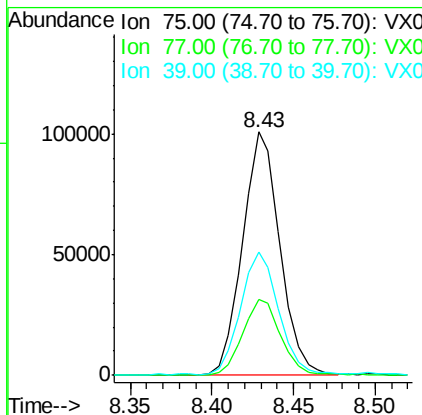
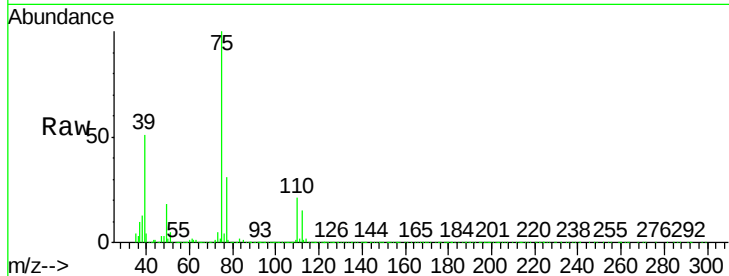
cis-1,3-Dichloropropene
 Concen: 18.817 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX014137.D
 Acq: 19 Dec 2019 21:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.9	24.8	37.2
39	50.2	41.1	61.7

Manual Integrations
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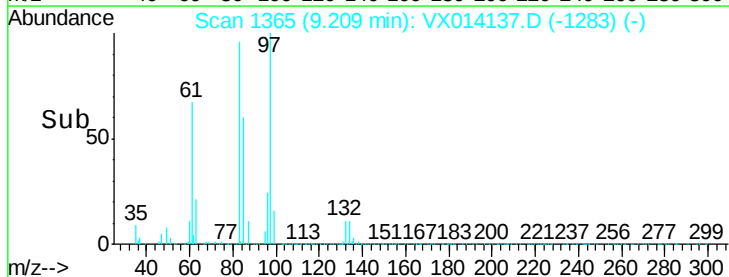
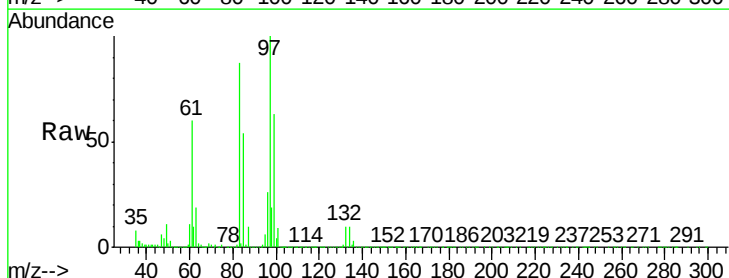
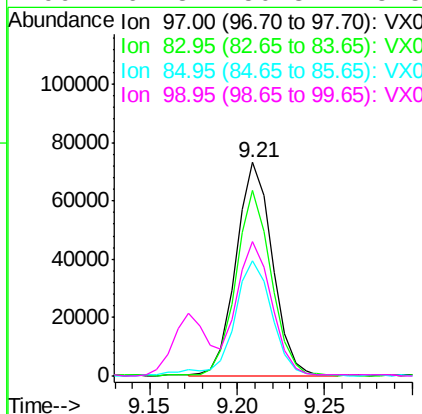
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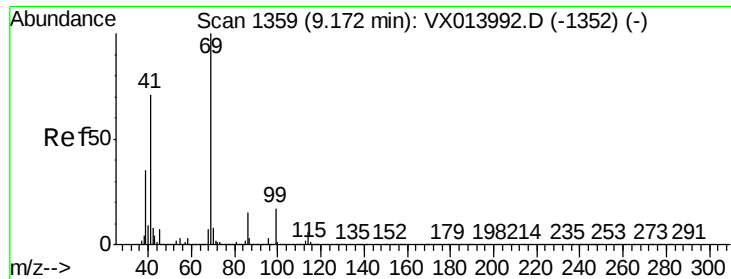


#50

1,1,2-Trichloroethane
 Concen: 19.142 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014137.D
 Acq: 19 Dec 2019 21:40

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.0	68.1	102.1
85	53.6	42.7	64.1
99	62.8	50.3	75.5





#51

Ethyl methacrylate

Concen: 18.682 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014137.D

Acq: 19 Dec 2019 21:40

Instrument :

MSVOA_X

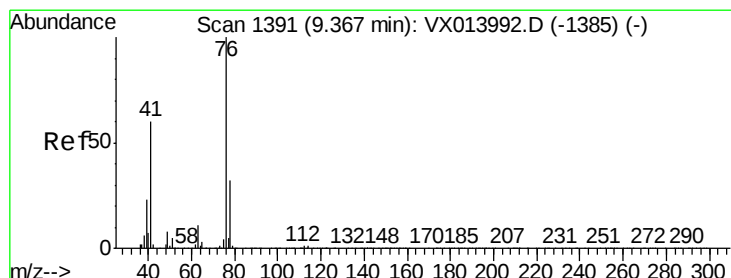
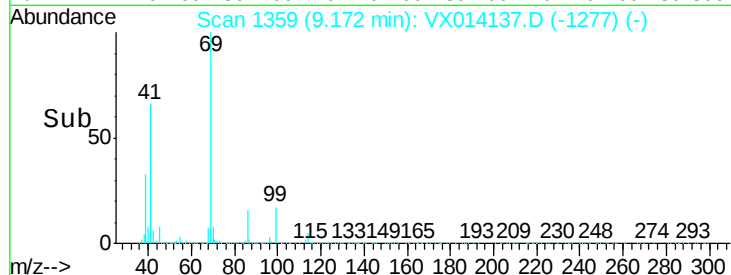
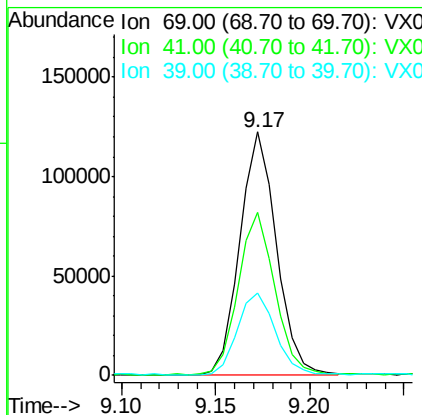
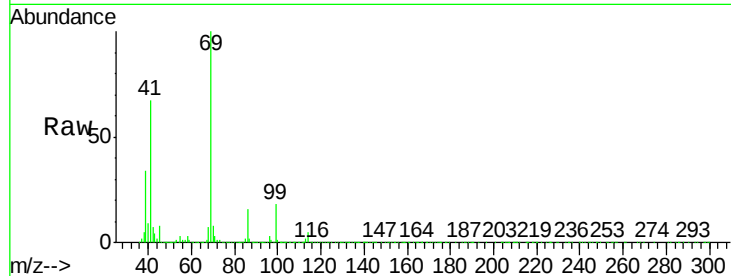
ClientSampleId :

VSTDCCC020EC

Tot Ion:	69	Resp:	164443
Ion Ratio	Lower	Upper	
69	100		
41	66.9	35.4	106.1
39	33.6	17.8	53.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 18.746 ug/l

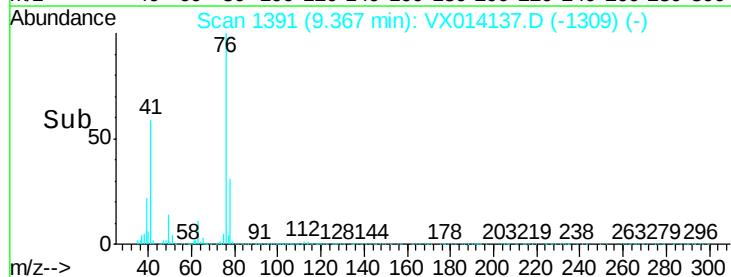
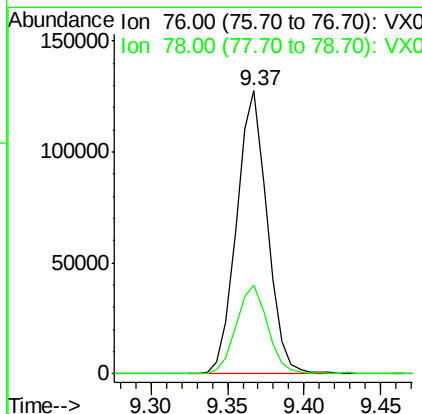
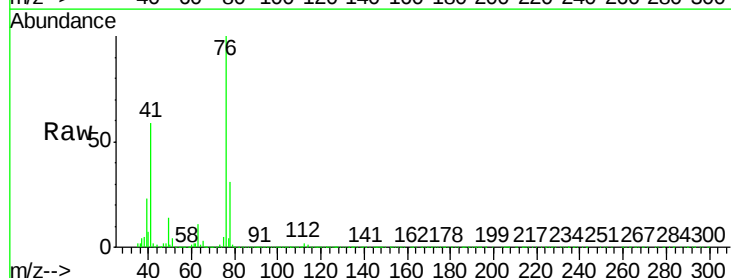
RT: 9.37 min Scan# 1391

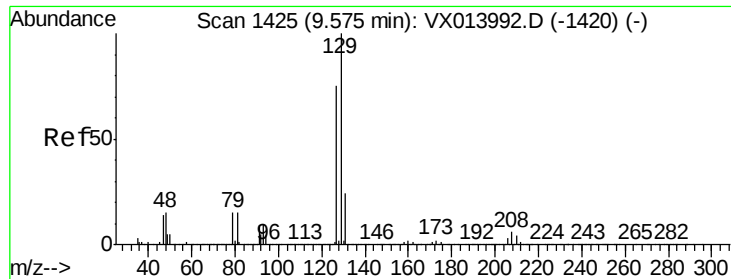
Delta R.T. 0.00 min

Lab File: VX014137.D

Acq: 19 Dec 2019 21:40

Tgt Ion:	76	Resp:	176245
Ion Ratio	Lower	Upper	
76	100		
78	31.9	0.0	63.4





#53

Dibromochloromethane

Concen: 18.898 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX014137.D

Acq: 19 Dec 2019 21:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:129 Resp: 104570

Ion Ratio Lower Upper

129 100

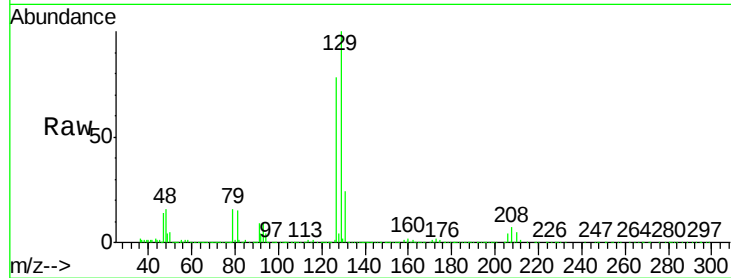
127 76.5 39.1 117.5

Manual Integrations

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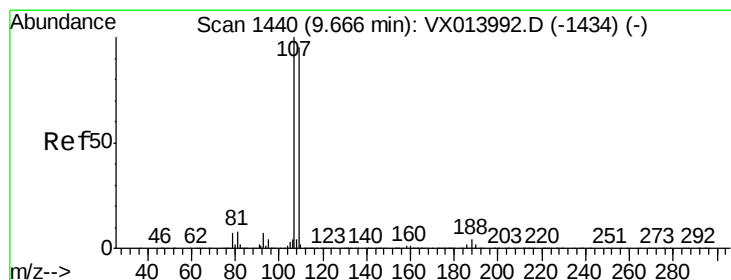
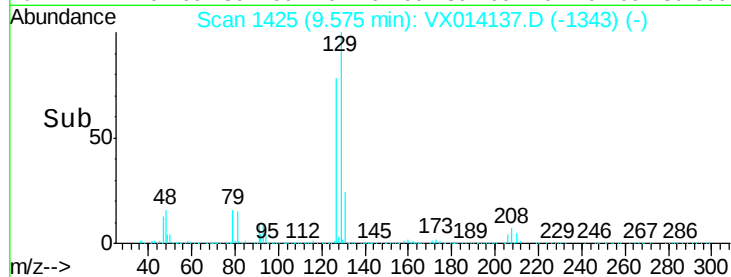
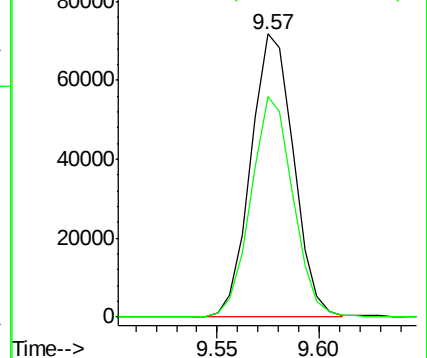
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.118 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014137.D

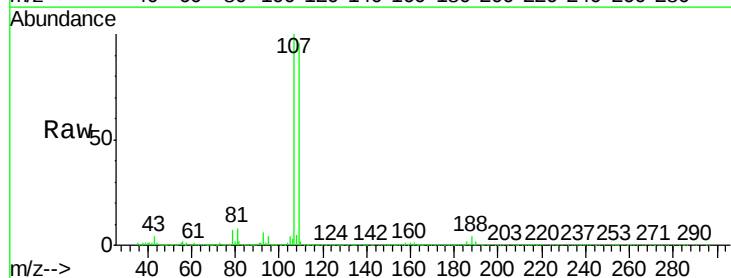
Acq: 19 Dec 2019 21:40

Tgt Ion:107 Resp: 108924

Ion Ratio Lower Upper

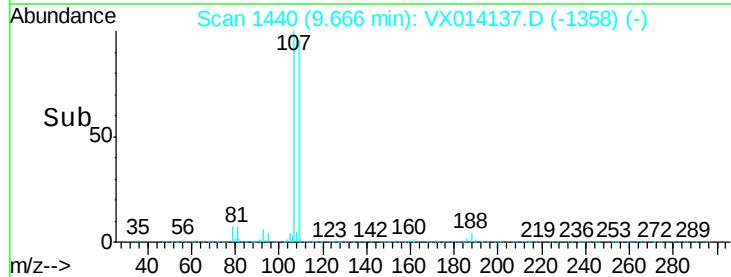
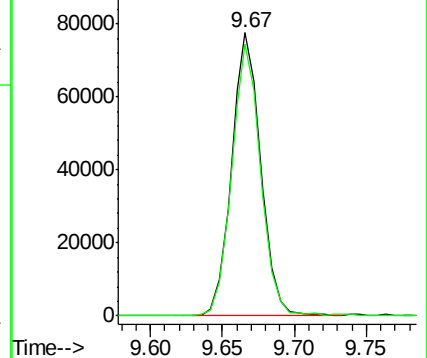
107 100

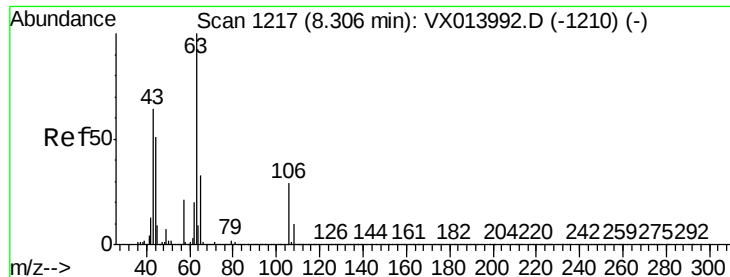
109 95.2 77.2 115.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





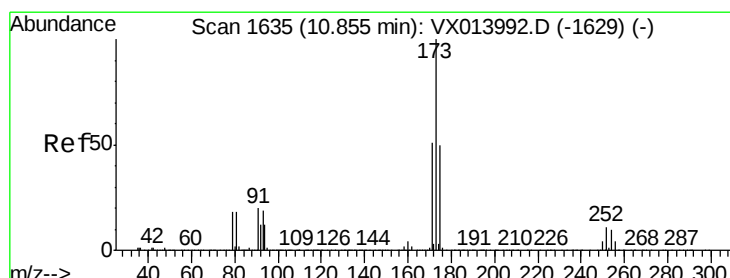
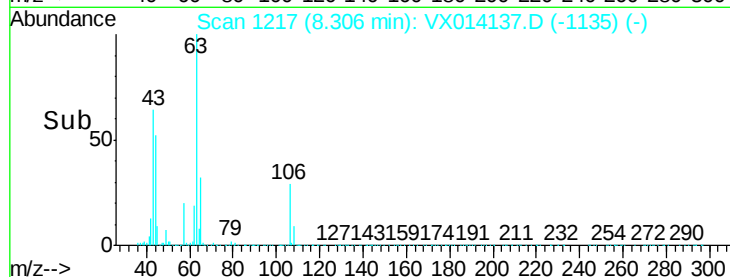
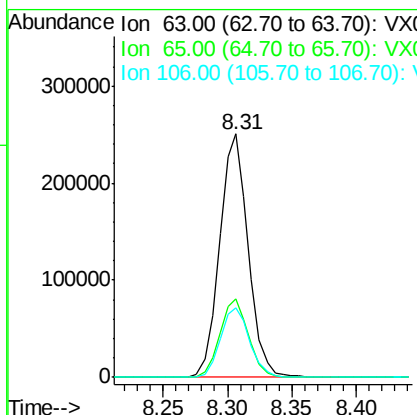
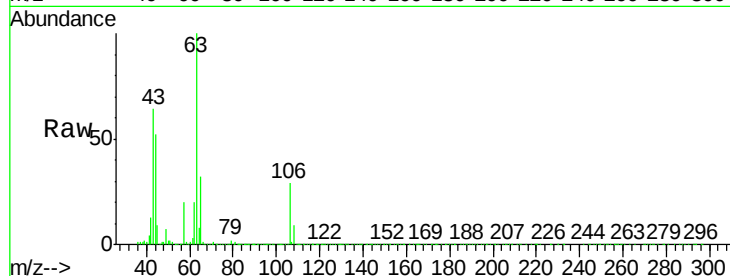
#55
2-Chloroethyl vinyl ether
Concen: 99.968 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VX014137.D
Acq: 19 Dec 2019 21:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.8	38.6
106	29.6	22.9	34.3

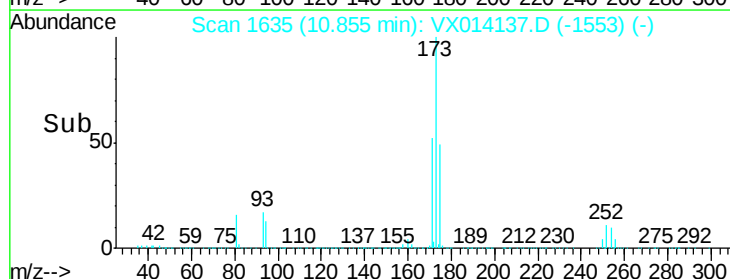
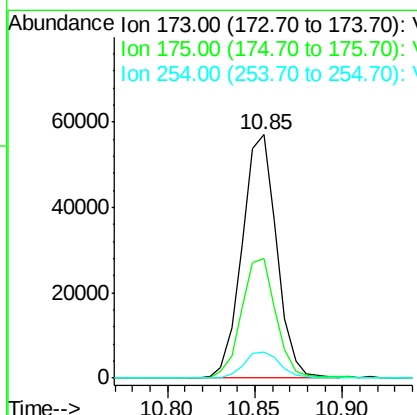
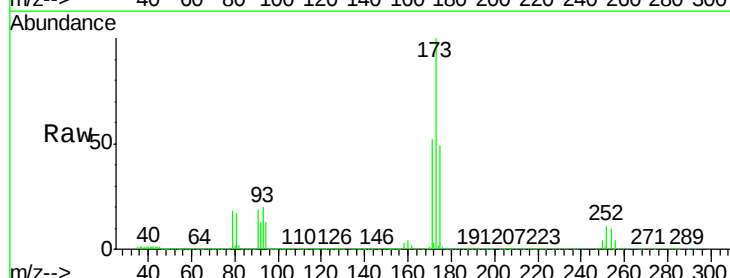
Manual Integrations
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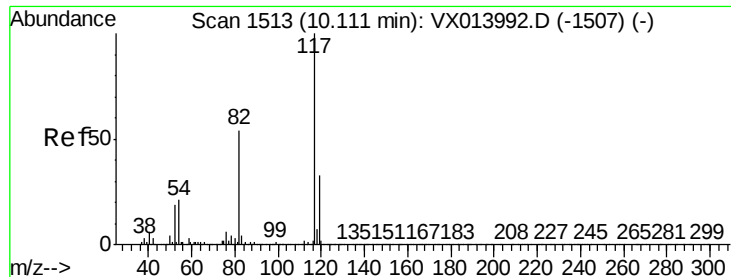
apatel
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#56
Bromoform
Concen: 18.114 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX014137.D
Acq: 19 Dec 2019 21:40

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.5	39.5	59.3
254	11.3	8.2	12.4





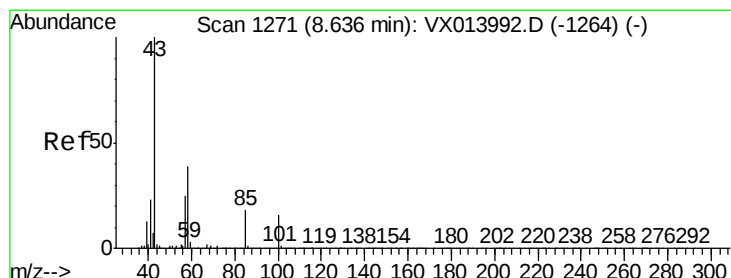
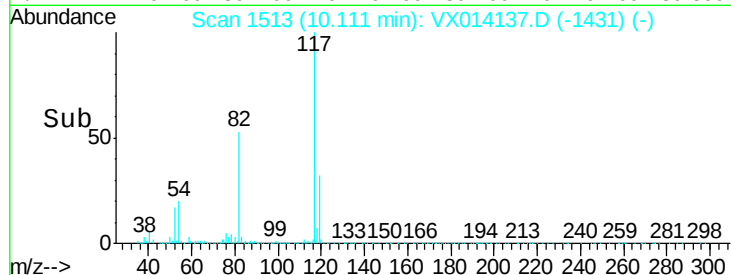
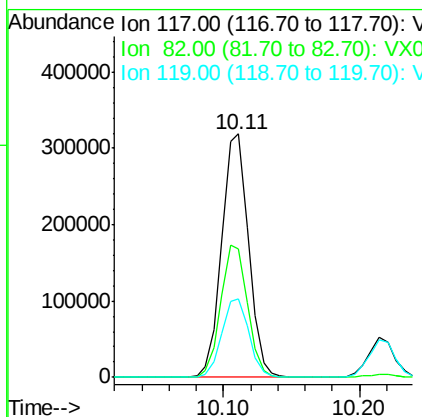
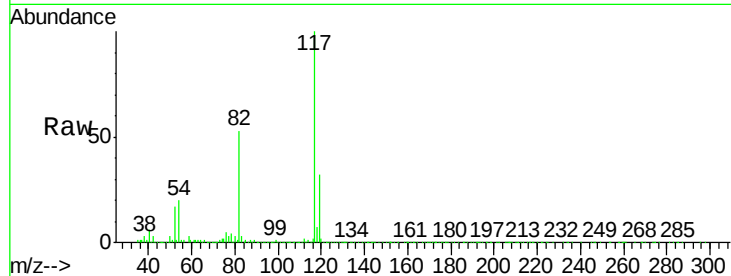
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014137.D
Acq: 19 Dec 2019 21:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.8	65.6
119	32.3	25.8	38.6

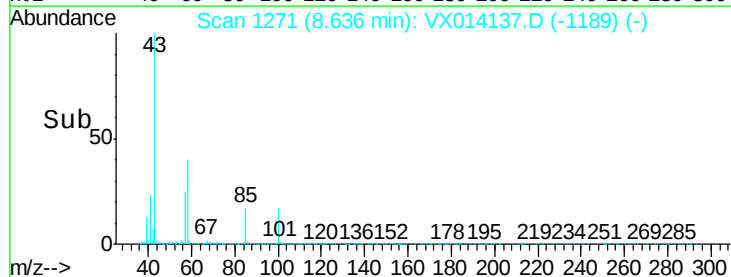
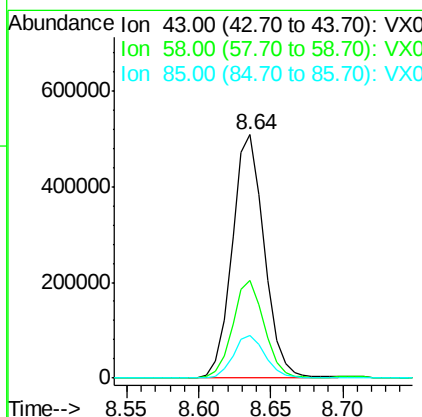
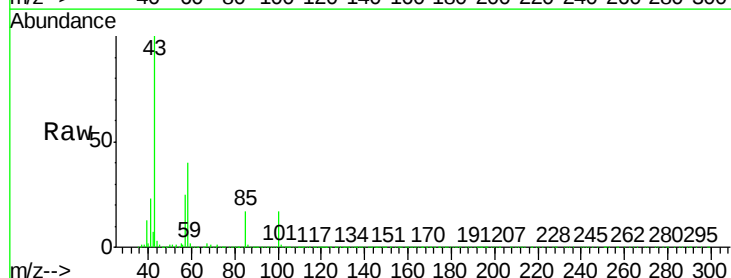
Manual Integrations
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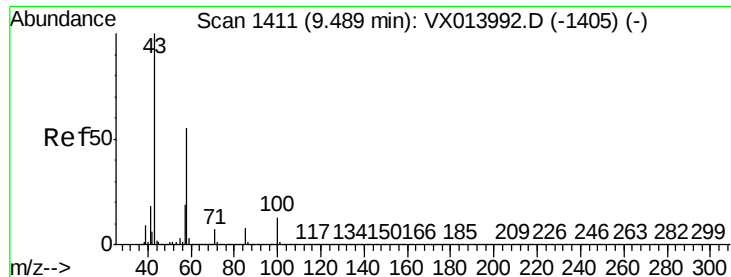
apatel
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#58
4-Methyl-2-Pentanone
Concen: 96.577 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014137.D
Acq: 19 Dec 2019 21:40

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.7	31.2	46.8
85	17.5	14.2	21.2





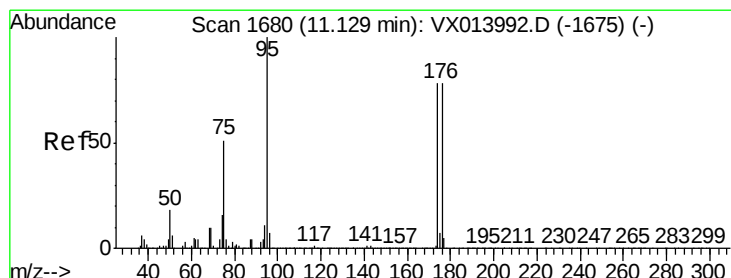
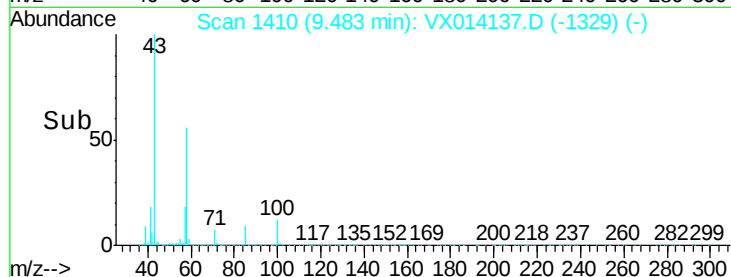
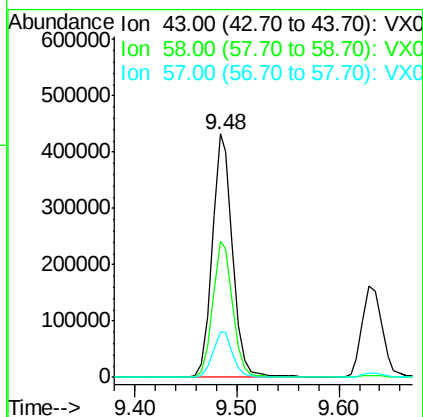
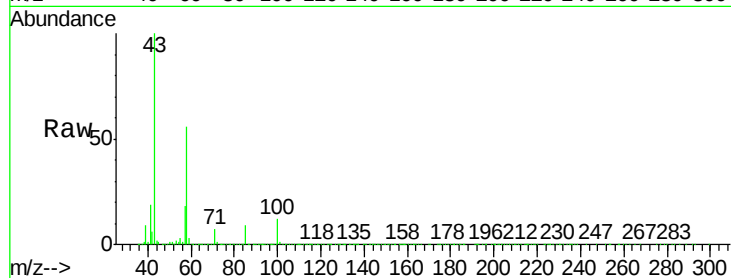
#59
2-Hexanone
Concen: 96.981 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014137.D
Acq: 19 Dec 2019 21:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.7	43.8	65.6
57	18.6	15.4	23.0

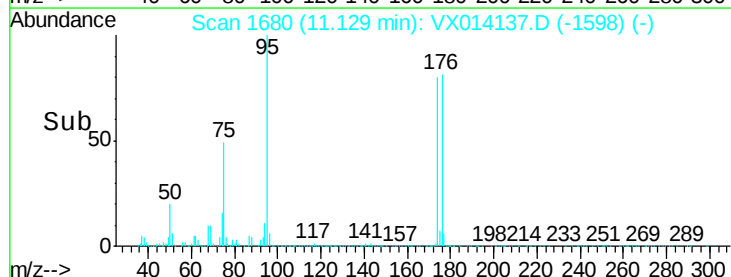
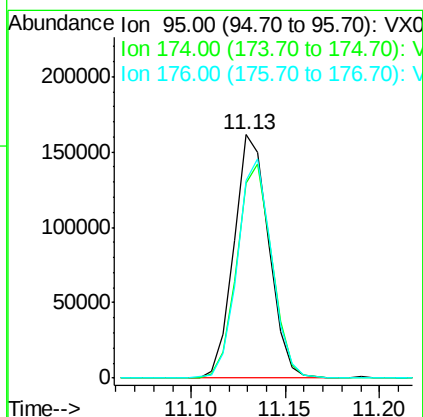
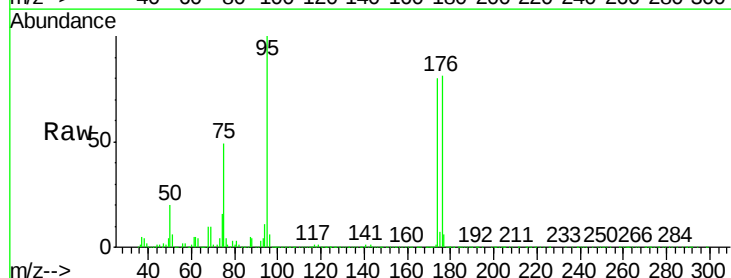
Manual Integrations
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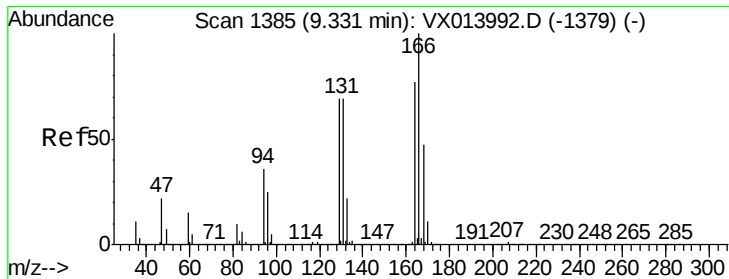
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#60
4-Bromofluorobenzene
Concen: 29.343 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014137.D
Acq: 19 Dec 2019 21:40

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.1	70.2	105.2
176	88.0	68.3	102.5





#61

Tetrachloroethene

Concen: 23.532 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014137.D

Acq: 19 Dec 2019 21:40

Instrument :

MSVOA_X

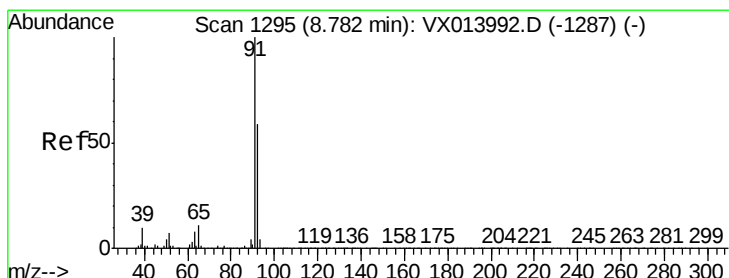
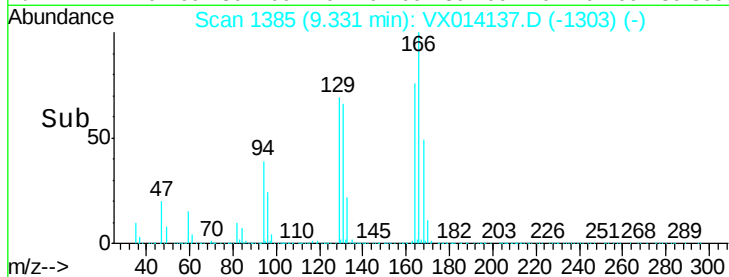
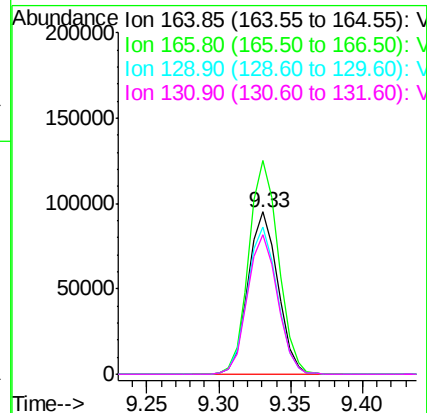
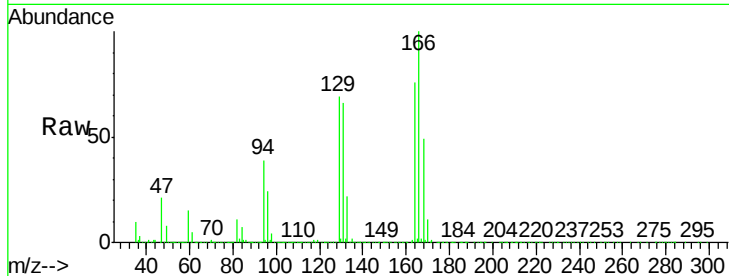
ClientSampleId :

VSTDCCC020EC

Tot Ion:	164	Resp:	136091
Ion Ratio	Lower	Upper	
164	100		
166	131.6	104.2	156.2
129	90.4	71.6	107.4
131	86.3	71.7	107.5

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#62

Toluene

Concen: 19.148 ug/l

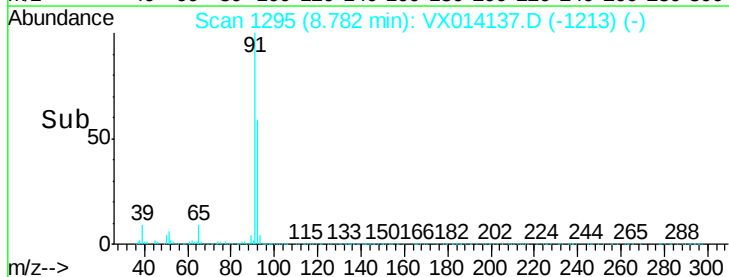
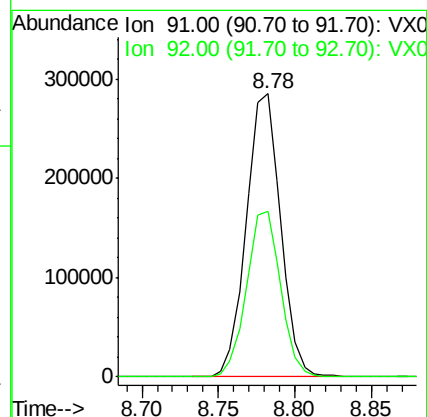
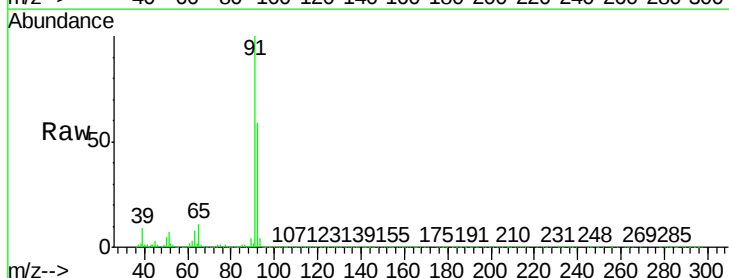
RT: 8.78 min Scan# 1295

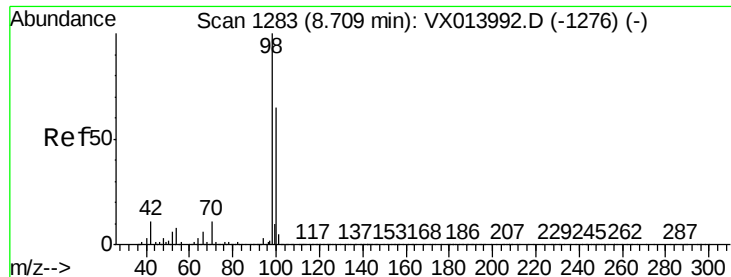
Delta R.T. 0.00 min

Lab File: VX014137.D

Acq: 19 Dec 2019 21:40

Tgt Ion:	91	Resp:	445214
Ion Ratio	Lower	Upper	
91	100		
92	58.1	46.4	69.6





#63

Toluene-d8

Concen: 30.375 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014137.D

Acq: 19 Dec 2019 21:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 98 Resp: 593551

Ion Ratio Lower Upper

98 100

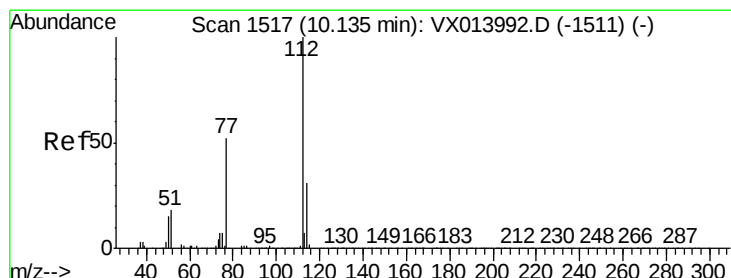
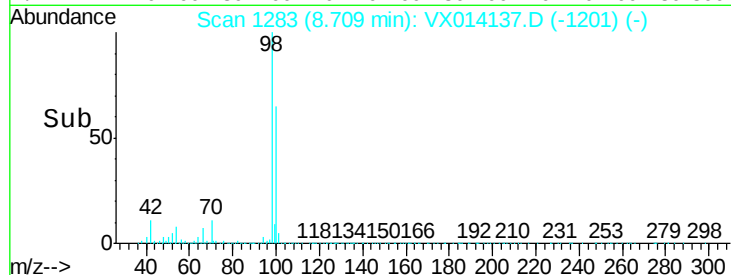
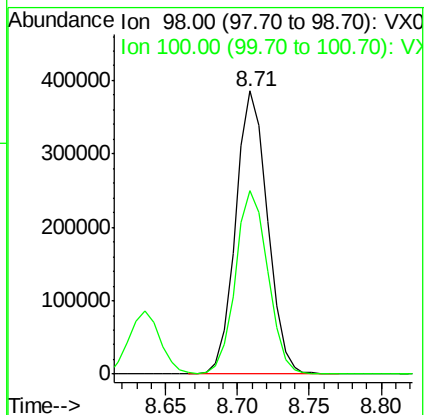
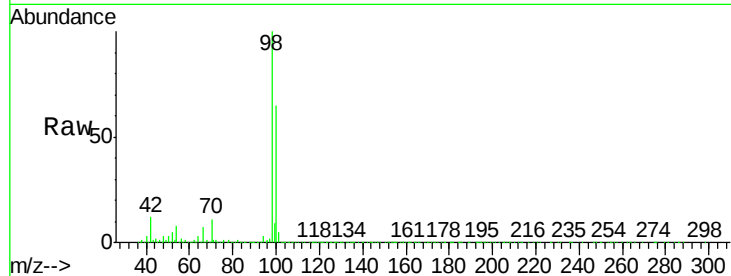
100 65.5 52.2 78.2

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#64

Chlorobenzene

Concen: 18.669 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014137.D

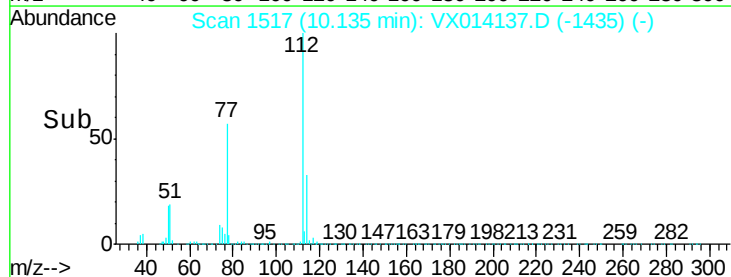
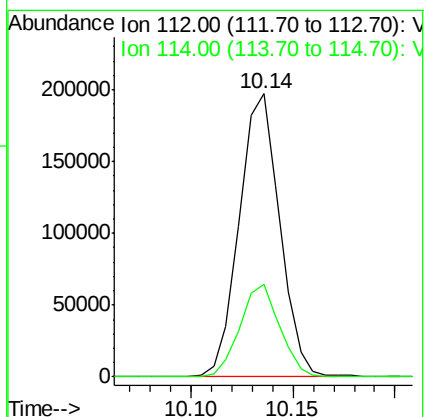
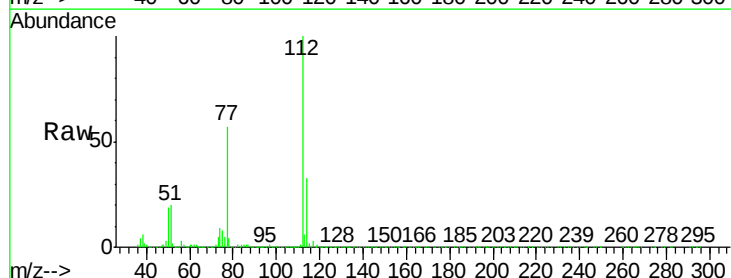
Acq: 19 Dec 2019 21:40

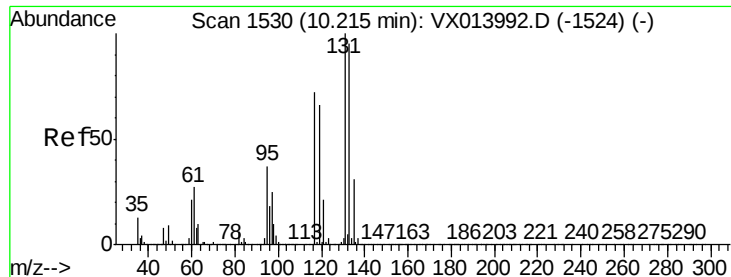
Tgt Ion: 112 Resp: 271946

Ion Ratio Lower Upper

112 100

114 32.8 24.4 36.6





#65

1,1,1,2-Tetrachloroethane

Concen: 18.347 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014137.D

Acq: 19 Dec 2019 21:40

Instrument :

MSVOA_X

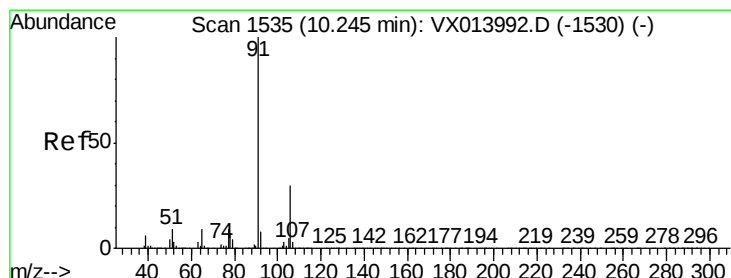
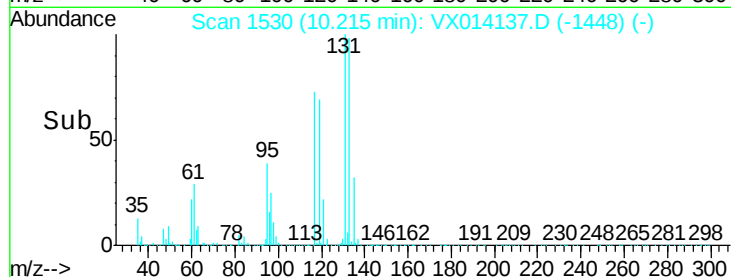
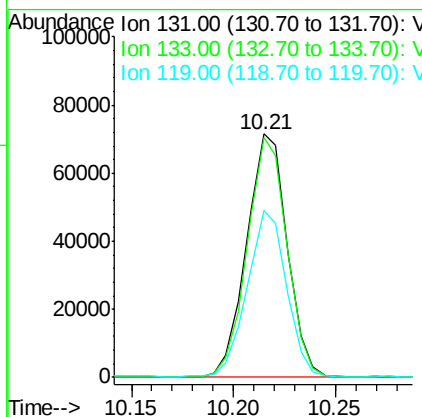
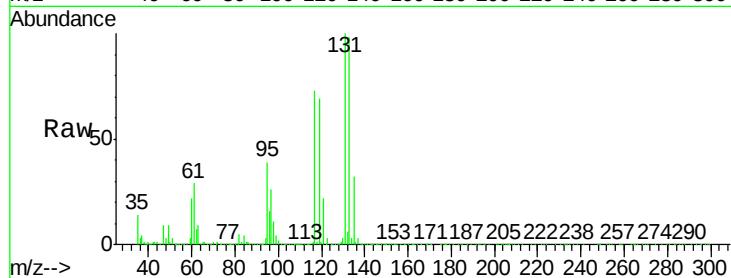
ClientSampleId :

VSTDCCC020EC

Tot Ion:	131	Resp:	98958
Ion Ratio	Lower	Upper	
131	100		
133	96.5	0.0	189.8
119	66.8	0.0	132.2

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#66

Ethyl Benzene

Concen: 18.938 ug/l

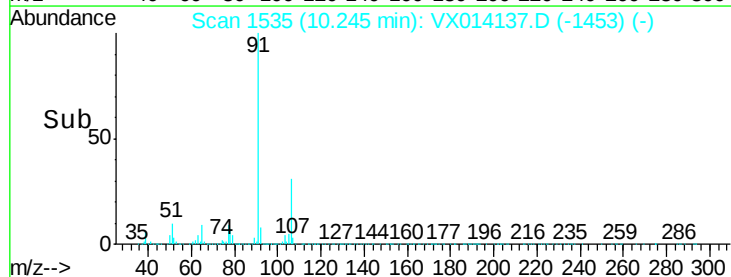
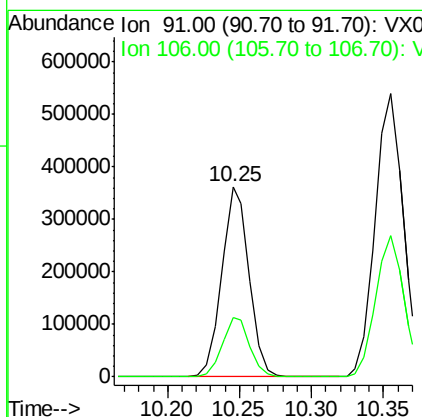
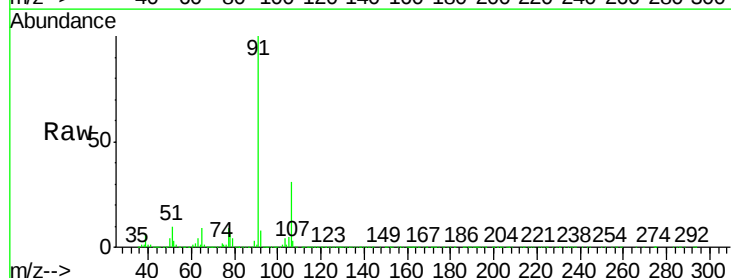
RT: 10.25 min Scan# 1535

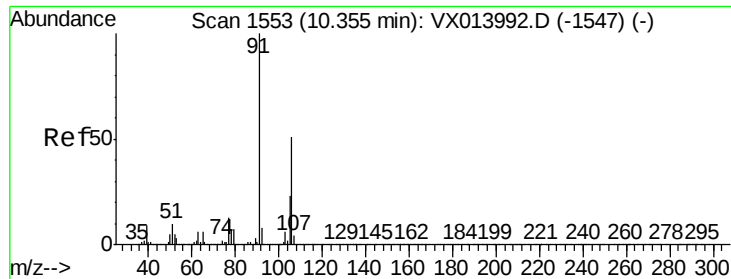
Delta R.T. 0.00 min

Lab File: VX014137.D

Acq: 19 Dec 2019 21:40

Tgt Ion:	91	Resp:	481859
Ion Ratio	Lower	Upper	
91	100		
106	31.5	24.2	36.2





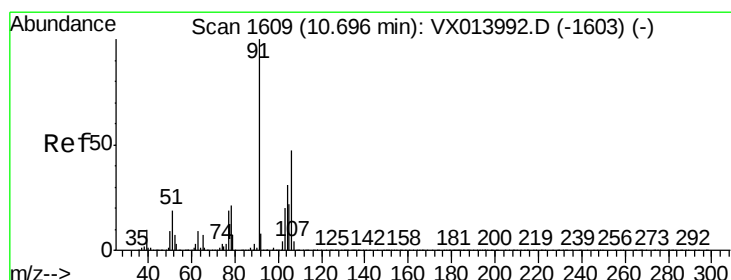
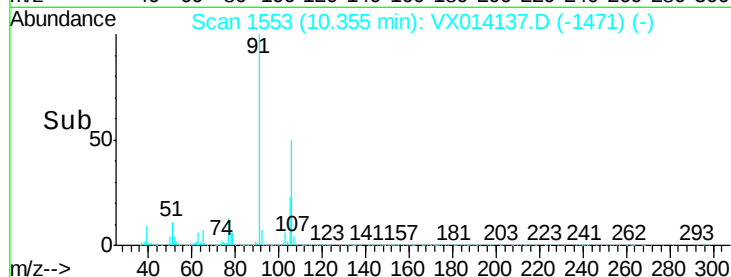
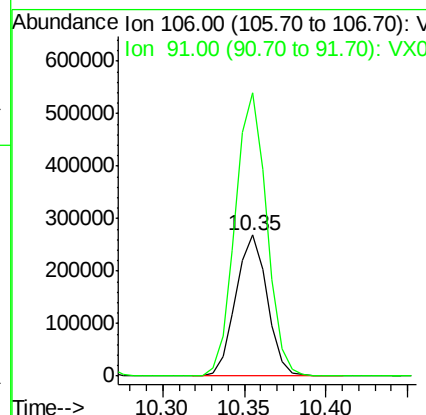
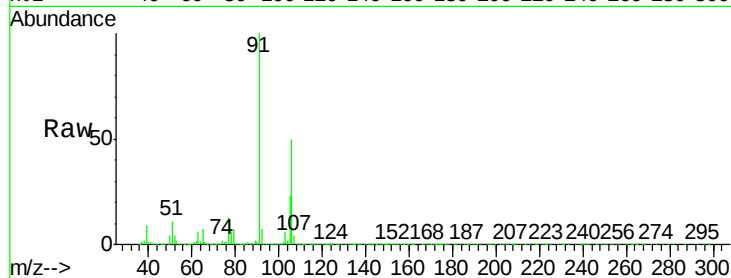
#67
m/p-Xylenes
Concen: 37.176 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014137.D
Acq: 19 Dec 2019 21:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	200.5	159.3	238.9

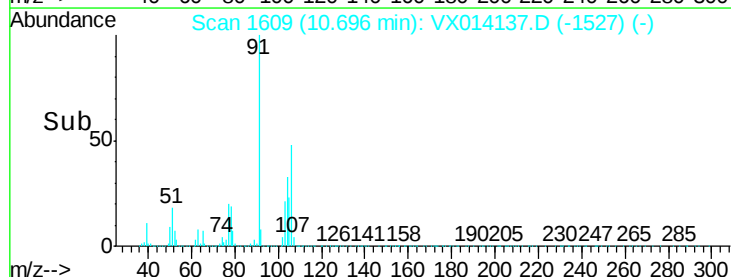
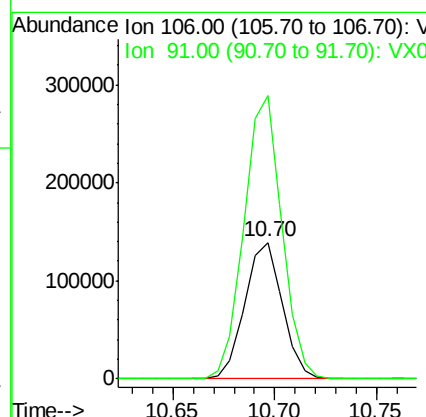
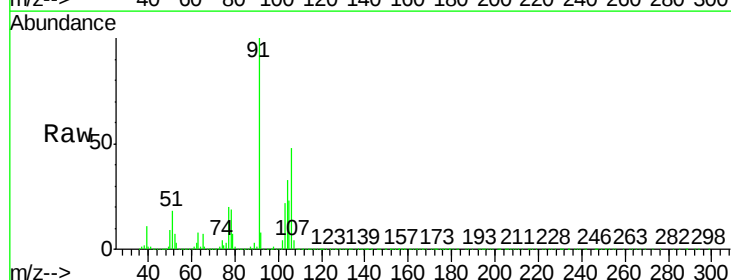
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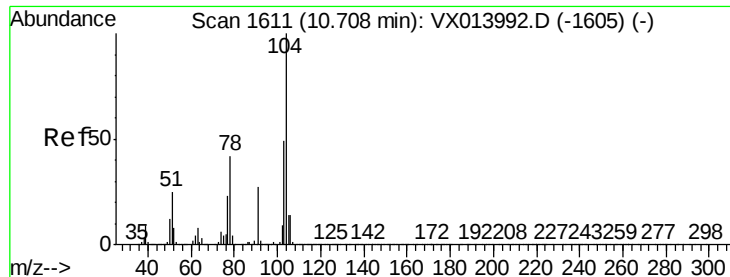
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#68
o-Xylene
Concen: 18.410 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014137.D
Acq: 19 Dec 2019 21:40

Tgt Ion	Ratio	Lower	Upper
106	100		
91	208.9	104.8	314.6





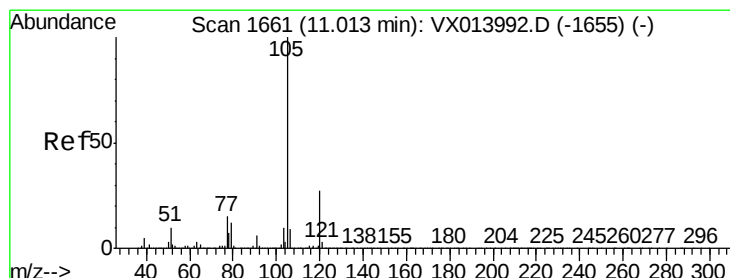
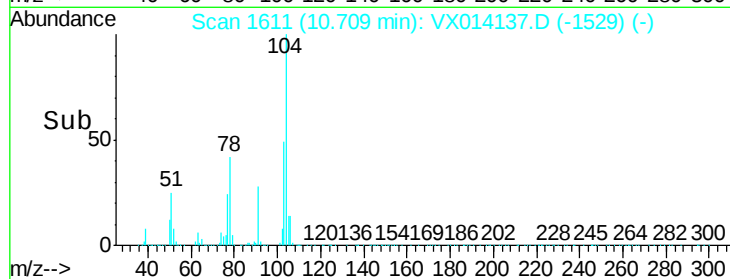
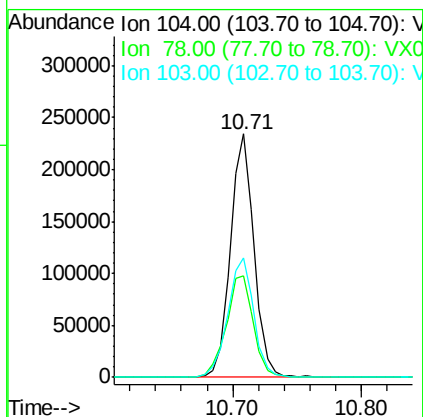
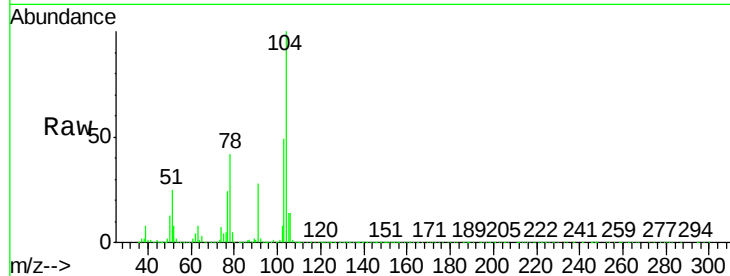
#69
Stvrene
Concen: 18.300 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014137.D
Acq: 19 Dec 2019 21:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
104	100	299873		
78	48.2		38.9	58.3
103	54.4		44.2	66.2

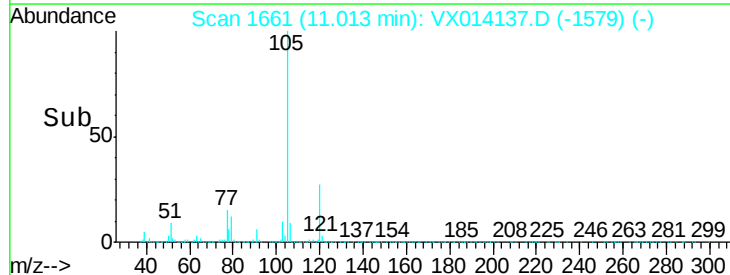
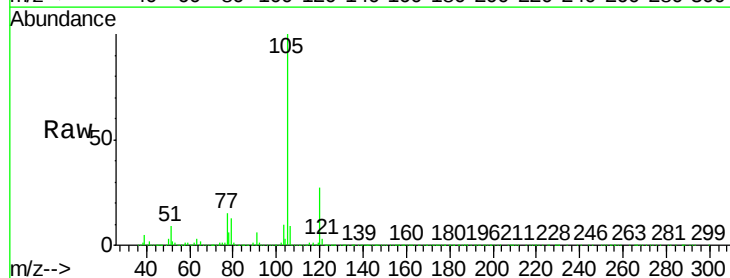
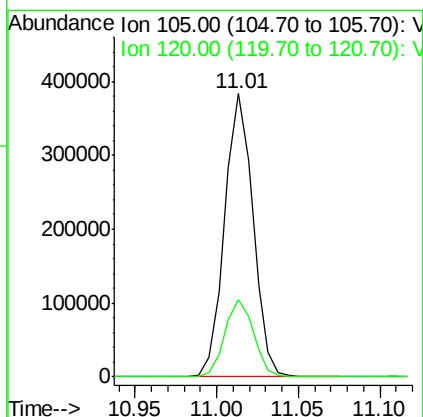
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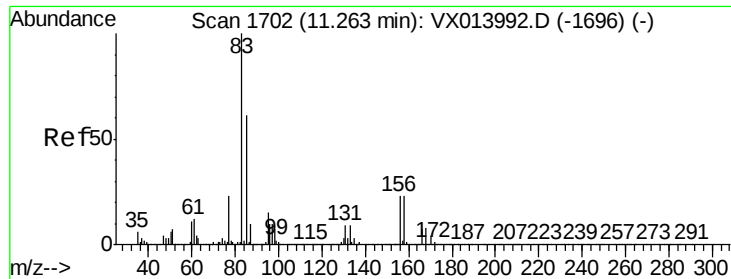
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#70
Isopropylbenzene
Concen: 18.681 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014137.D
Acq: 19 Dec 2019 21:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	465170		
120	27.5		19.1	35.5





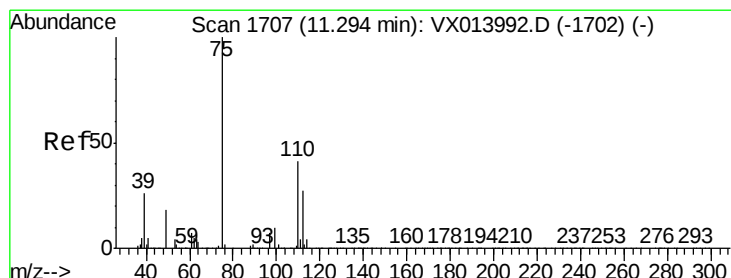
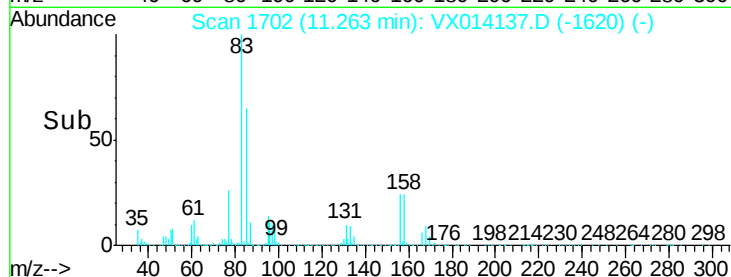
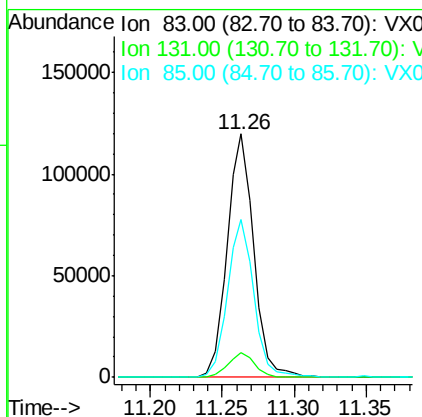
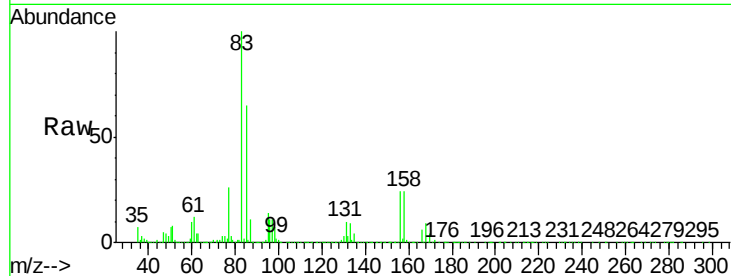
#71
 1,1,2,2-Tetrachloroethane
 Concen: 17.554 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX014137.D
 Acq: 19 Dec 2019 21:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	155011		
131	10.3	4.9	14.7	
85	64.5	31.6	94.7	

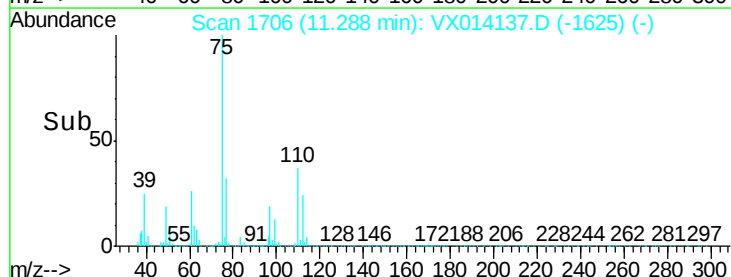
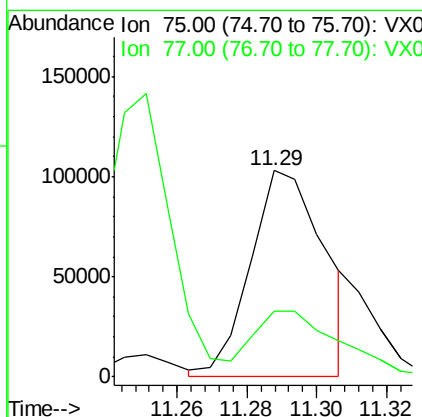
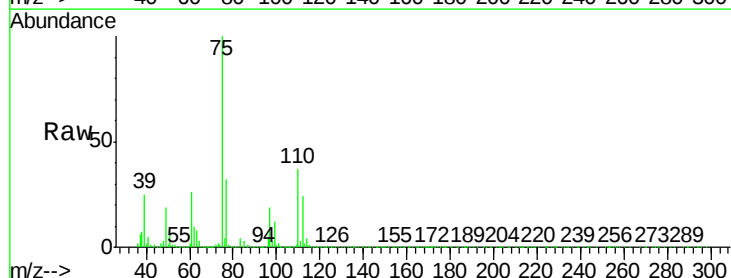
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#72
 1,2,3-Trichloropropane
 Concen: 19.149 ug/l m
 RT: 11.29 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX014137.D
 Acq: 19 Dec 2019 21:40

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	150512		
77	34.8	0.0	68.4	





#73

Bromobenzene

Concen: 18.171 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014137.D

Acq: 19 Dec 2019 21:40

Instrument :

MSVOA_X

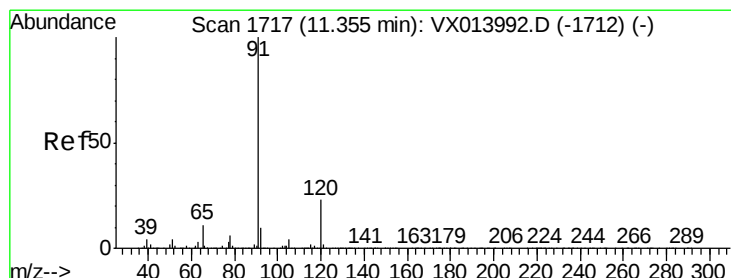
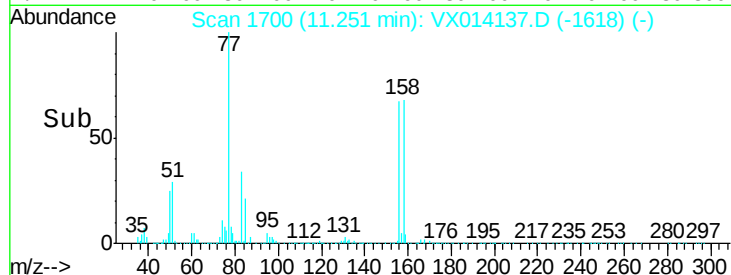
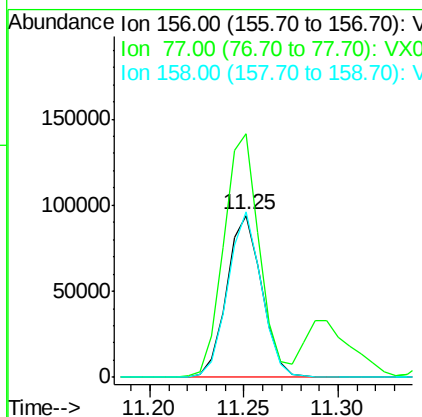
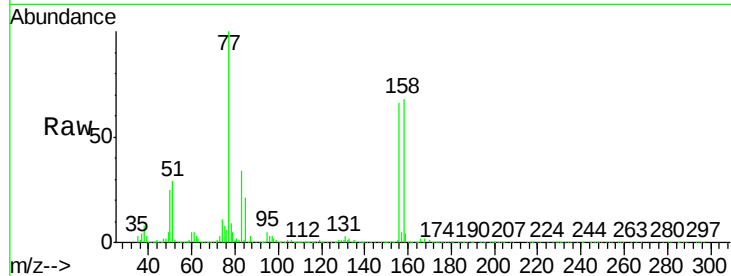
ClientSampleId :

VSTDCCC020EC

Tot Ion:	156	Resp:	120785
Ion Ratio	Lower	Upper	
156	100		
77	153.8	0.0	304.6
158	98.4	0.0	195.2

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#74

n-propylbenzene

Concen: 18.429 ug/l

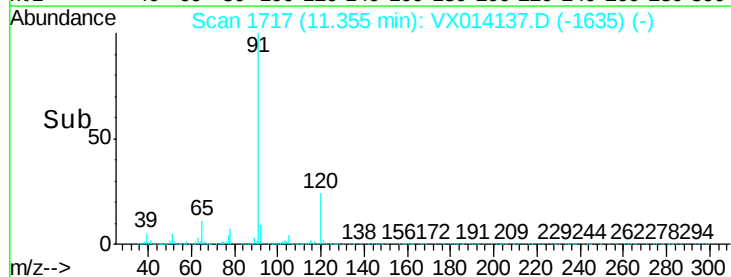
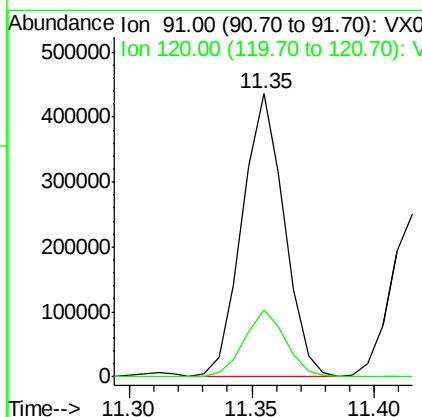
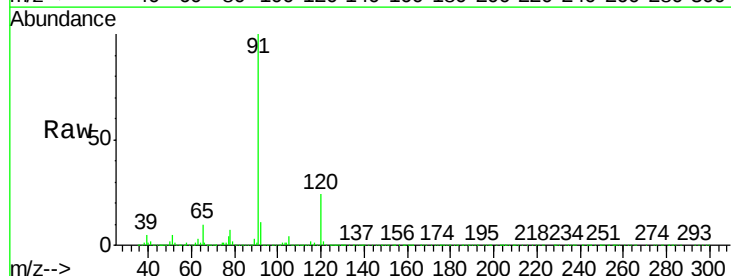
RT: 11.35 min Scan# 1717

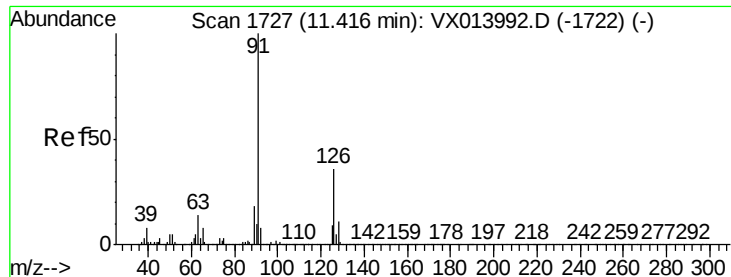
Delta R.T. 0.00 min

Lab File: VX014137.D

Acq: 19 Dec 2019 21:40

Tgt Ion:	91	Resp:	520489
Ion Ratio	Lower	Upper	
91	100		
120	23.0	0.0	44.8





#75

2-Chlorotoluene

Concen: 18.442 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014137.D

Acq: 19 Dec 2019 21:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 91 Resp: 314712

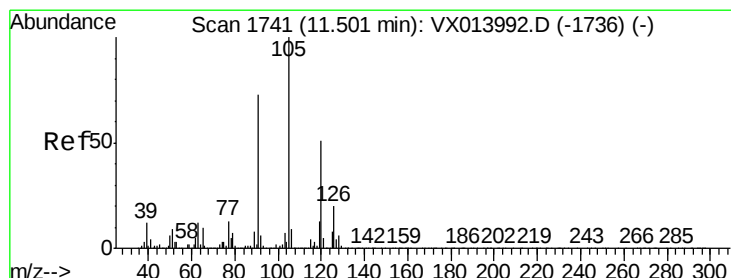
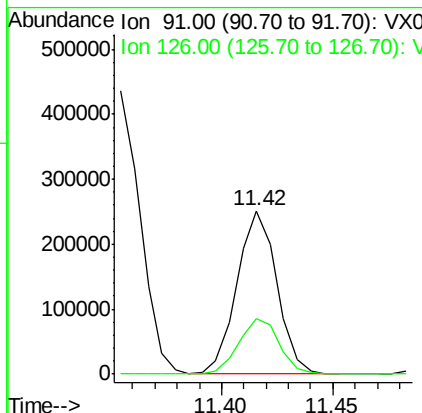
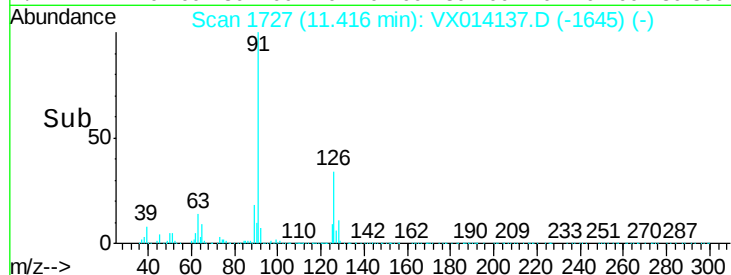
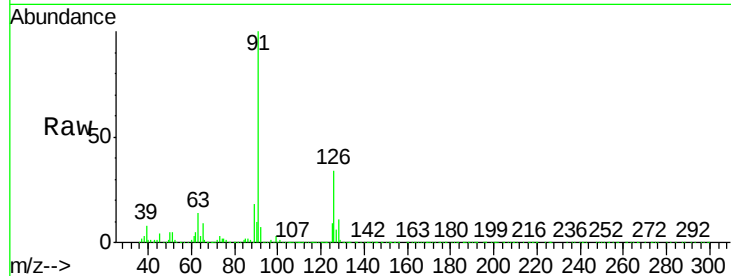
Ion Ratio Lower Upper

91 100

126 34.3 0.0 70.8

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#76

1,3,5-Trimethylbenzene

Concen: 18.046 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014137.D

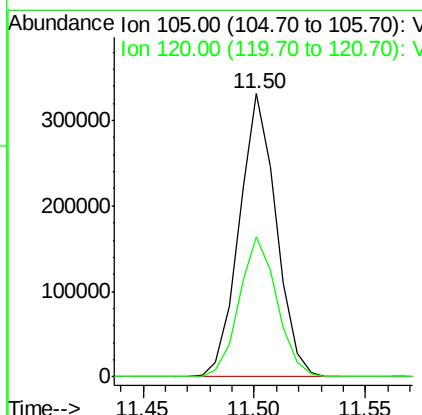
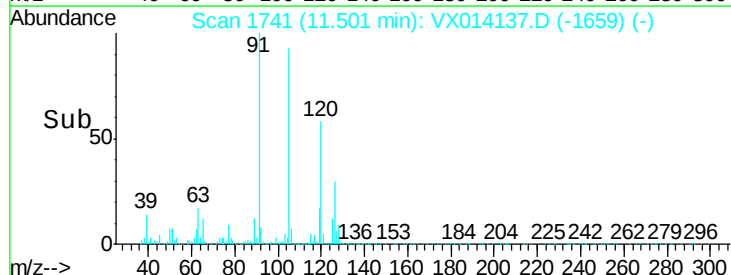
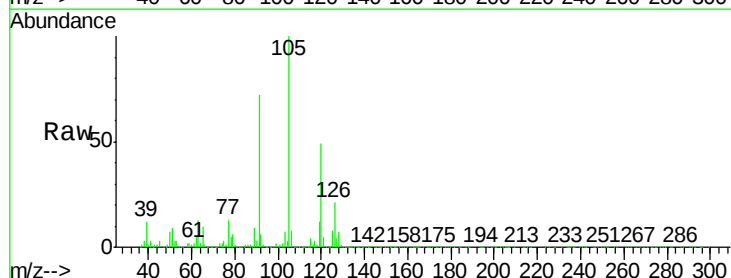
Acq: 19 Dec 2019 21:40

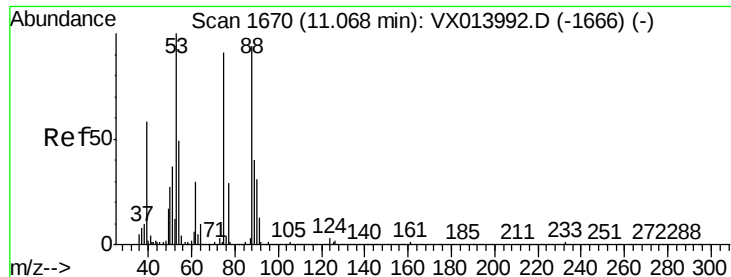
Tgt Ion: 105 Resp: 381183

Ion Ratio Lower Upper

105 100

120 50.6 0.0 100.6





#77

t-1,4-Dichloro-2-butene

Concen: 17.680 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014137.D

Acq: 19 Dec 2019 21:40

Instrument :

MSVOA_X

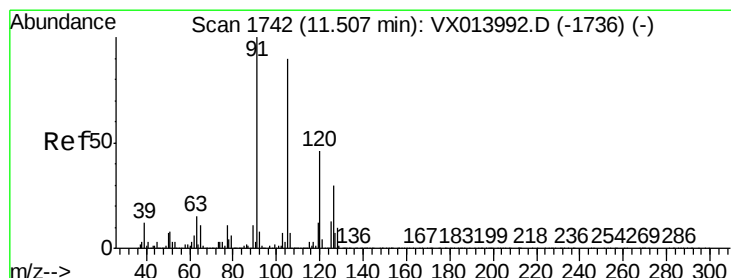
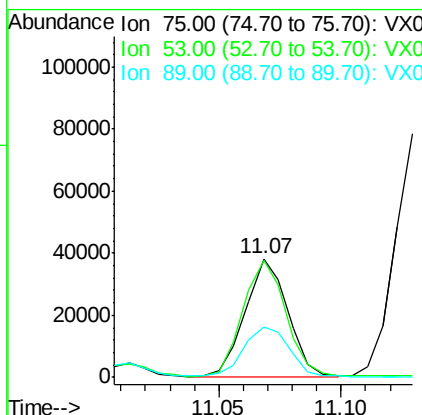
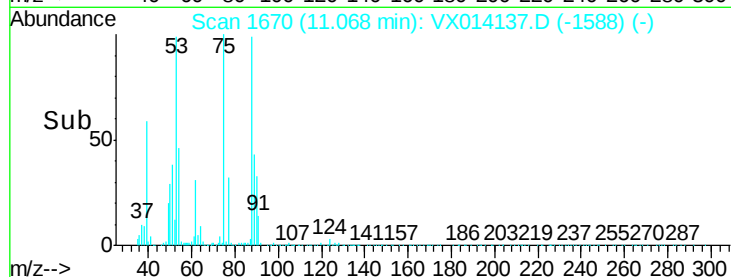
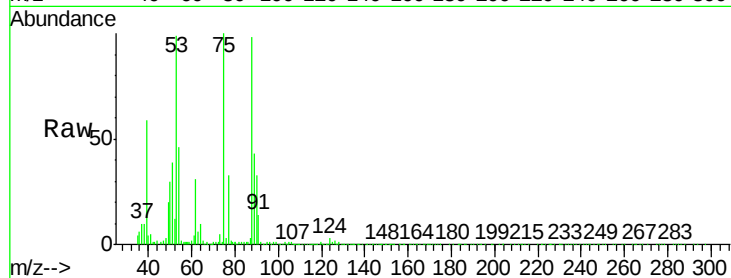
ClientSampleId :

VSTDCCC020EC

Tot Ion:	75	Resp:	45891
Ion	Ratio	Lower	Upper
75	100		
53	99.0	54.4	163.1
89	41.8	21.9	65.5

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#78

4-Chlorotoluene

Concen: 17.952 ug/l

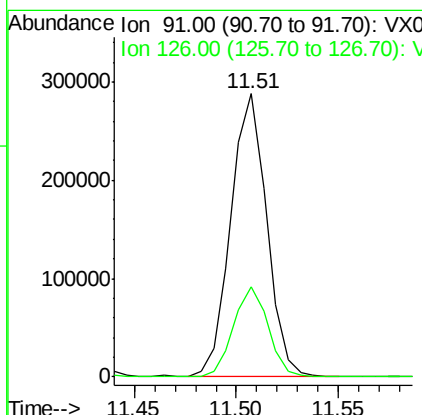
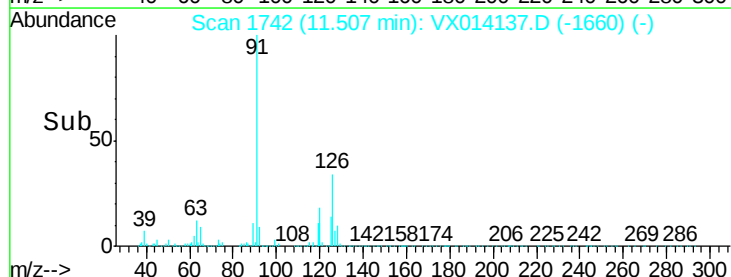
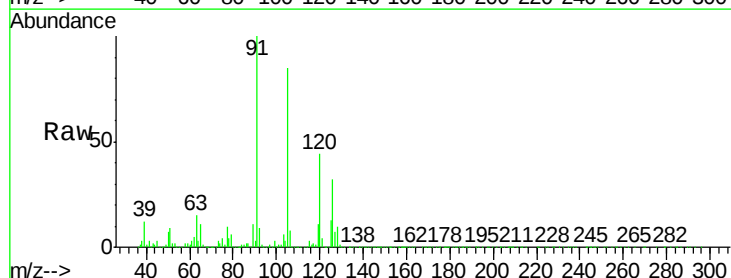
RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014137.D

Acq: 19 Dec 2019 21:40

Tgt Ion:	91	Resp:	350062
Ion	Ratio	Lower	Upper
91	100		
126	30.8	0.0	59.6





#79

tert-butylbenzene

Concen: 17.143 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014137.D

Acq: 19 Dec 2019 21:40

Instrument :

MSVOA_X

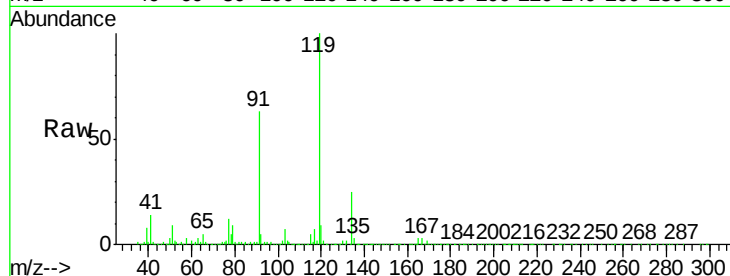
ClientSampleId :

VSTDCCC020EC

Tot Ion:	119	Resp:	349035
Ion Ratio	Lower	Upper	
119	100		
91	61.3	0.0	112.6
134	25.1	0.0	49.8

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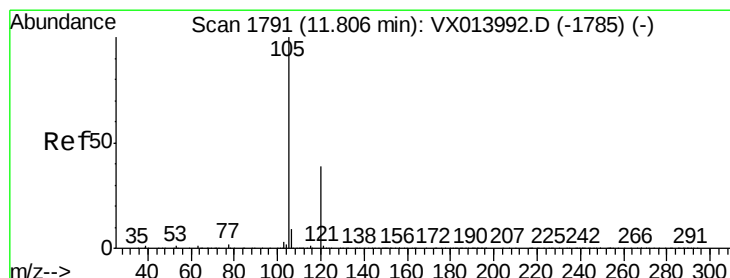
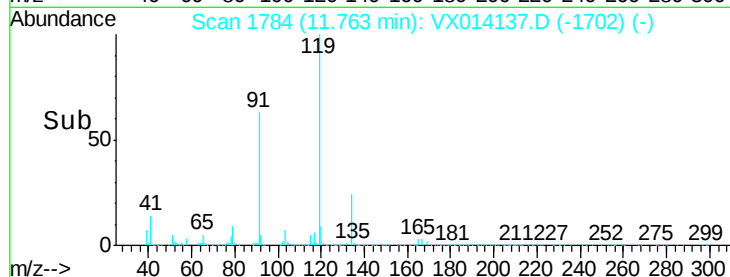
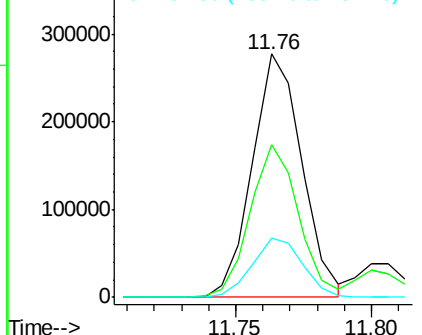
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Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 18.357 ug/l

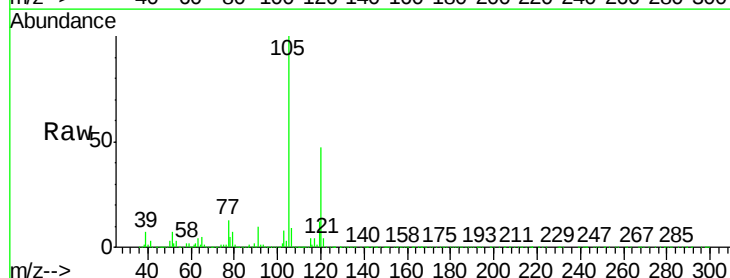
RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX014137.D

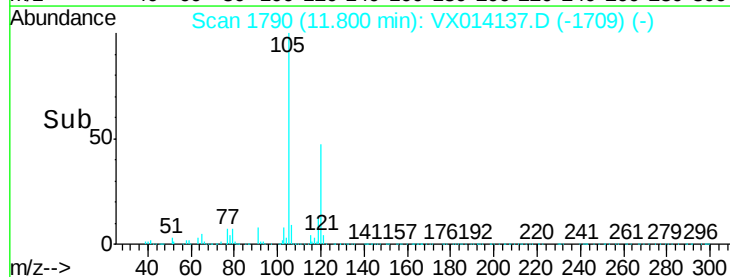
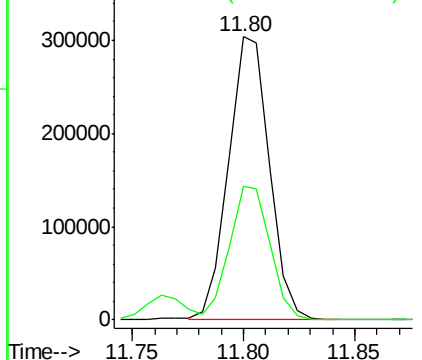
Acq: 19 Dec 2019 21:40

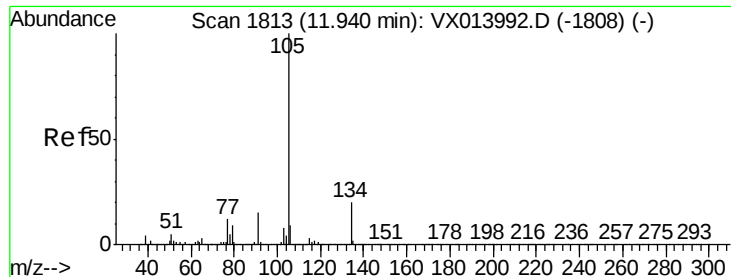
Tgt Ion:	105	Resp:	387721
Ion Ratio	Lower	Upper	
105	100		
120	46.7	0.0	92.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 18.094 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014137.D

Acq: 19 Dec 2019 21:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:105 Resp: 438189

Ion Ratio Lower Upper

105 100

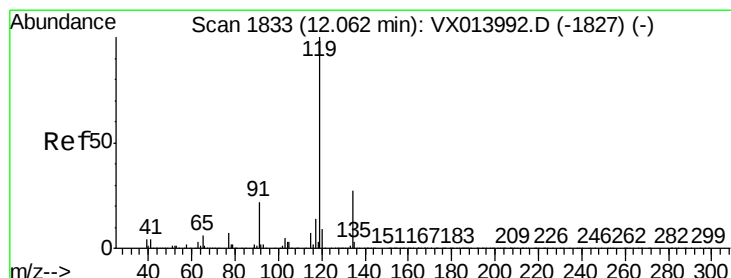
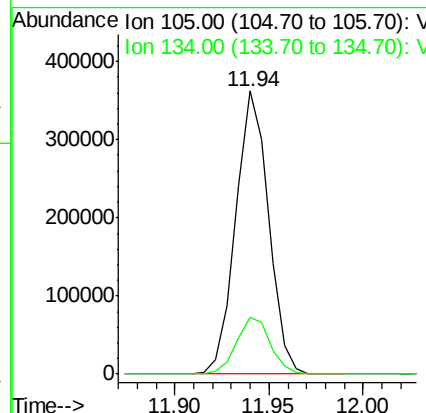
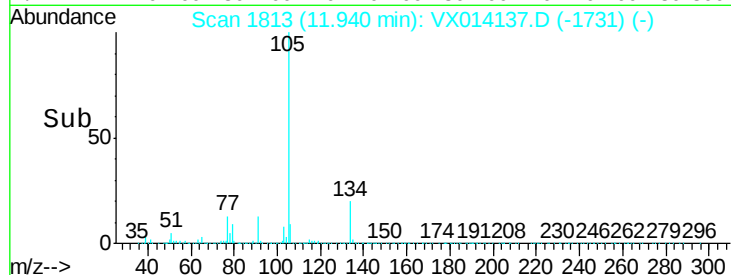
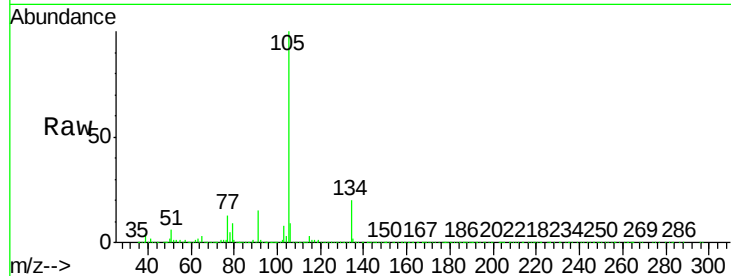
134 20.5 0.0 40.2

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#82

p-Isopropyltoluene

Concen: 17.983 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014137.D

Acq: 19 Dec 2019 21:40

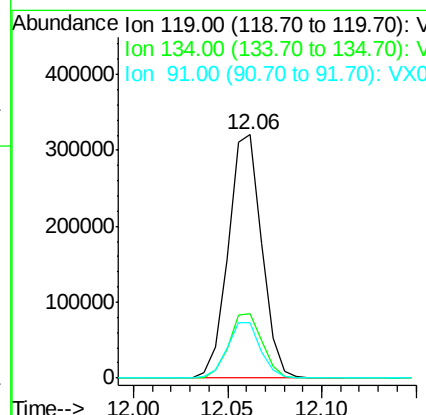
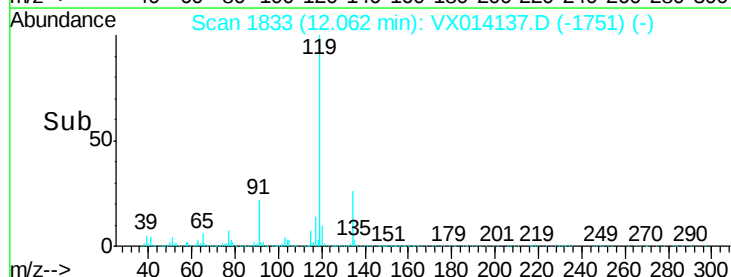
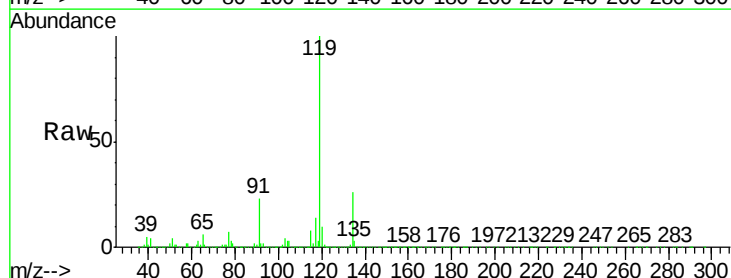
Tgt Ion:119 Resp: 393006

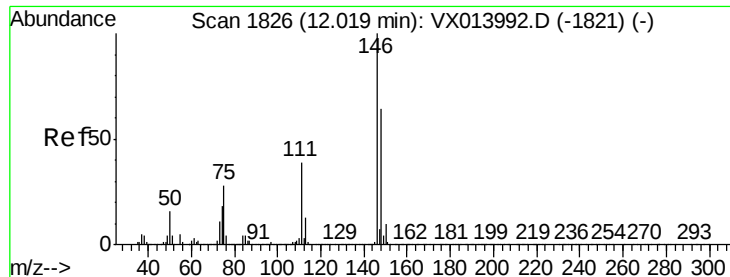
Ion Ratio Lower Upper

119 100

134 26.7 0.0 53.8

91 22.7 0.0 45.0





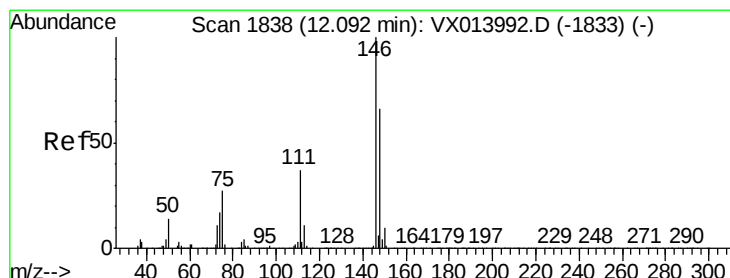
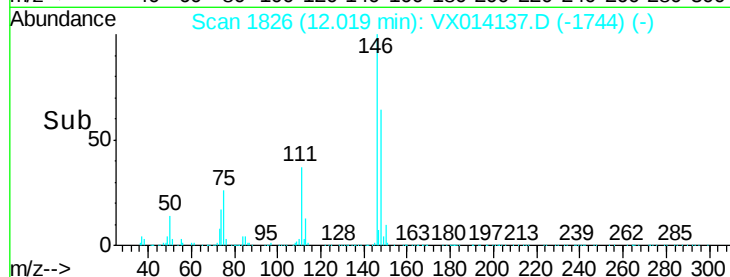
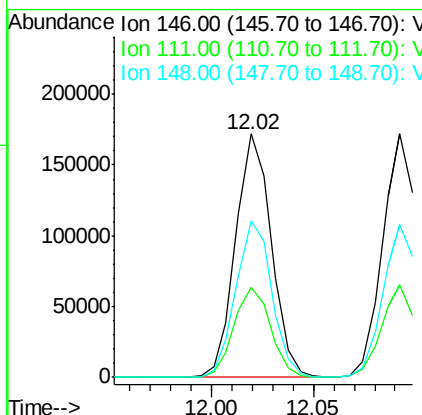
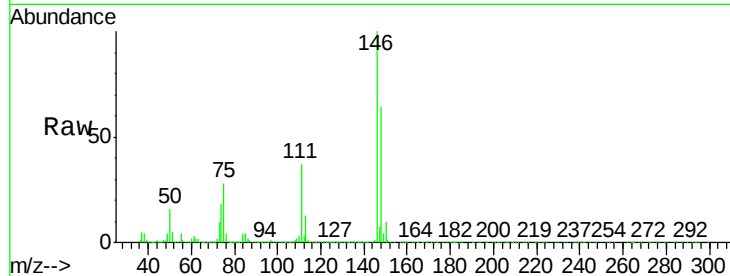
#83
 1,3-Dichlorobenzene
 Concen: 18.008 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014137.D
 Acq: 19 Dec 2019 21:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.3	57.9
148	64.7	32.2	96.6

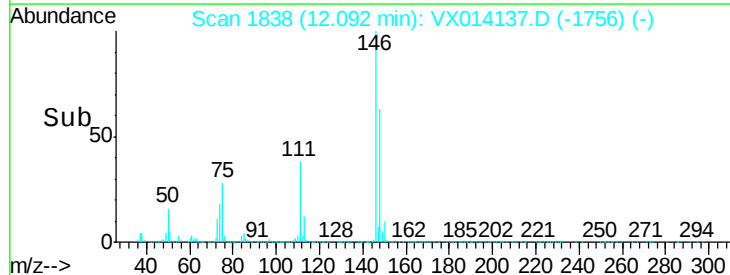
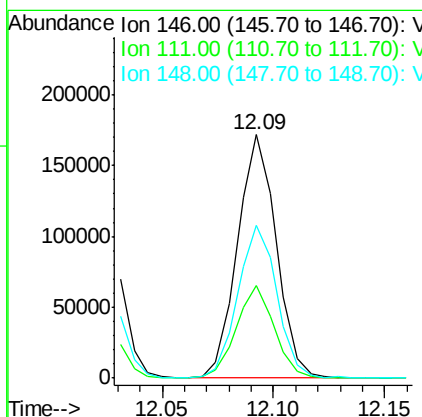
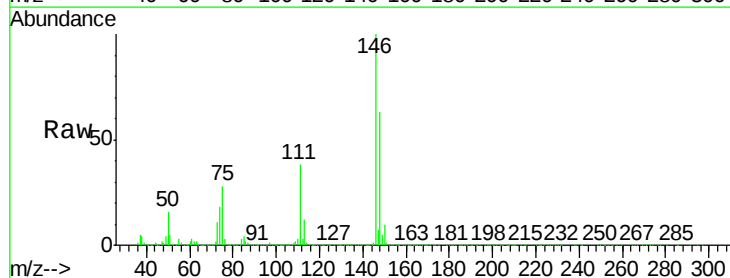
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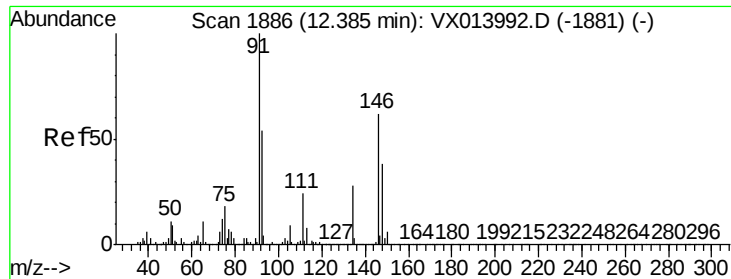
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#84
 1,4-Dichlorobenzene
 Concen: 18.009 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014137.D
 Acq: 19 Dec 2019 21:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.4	55.4
148	62.7	32.0	96.0





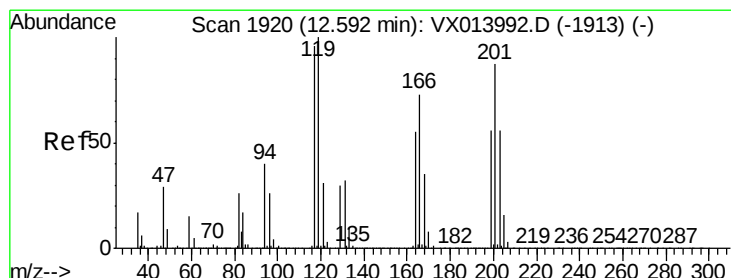
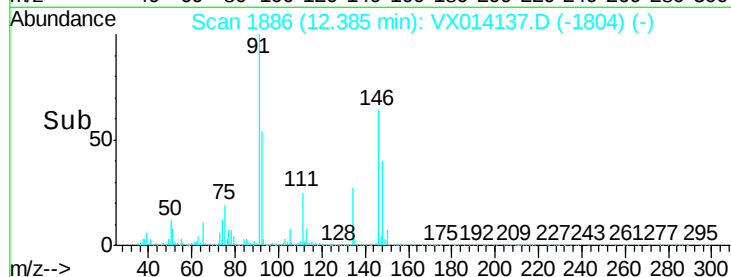
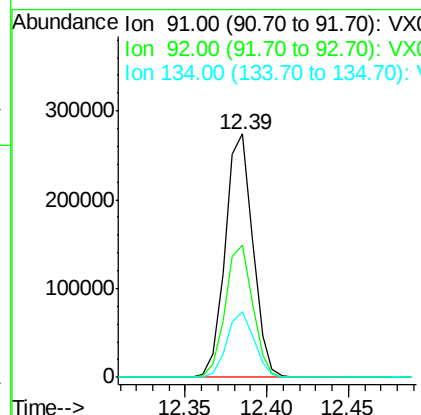
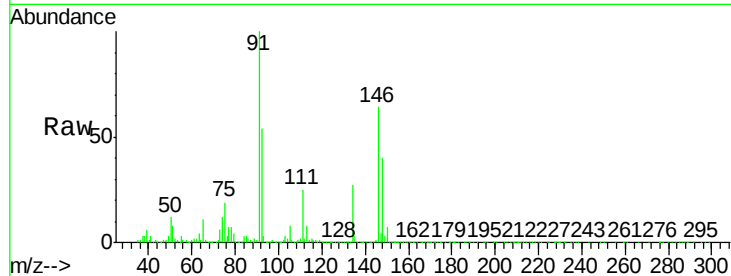
#85
n-Butylbenzene
Concen: 17.583 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014137.D
Acq: 19 Dec 2019 21:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.9	0.0	109.0	
134	26.6	0.0	54.0	

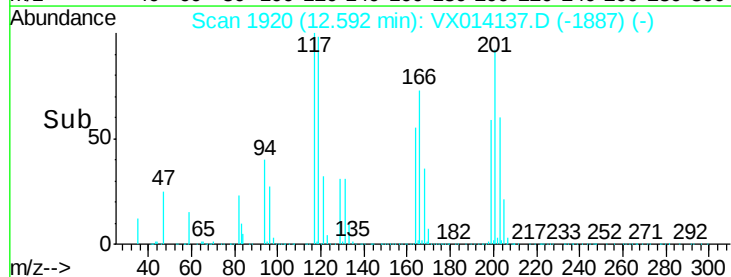
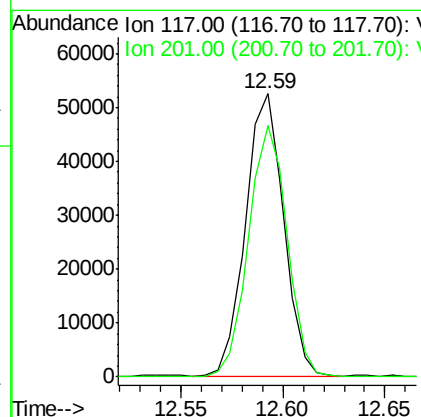
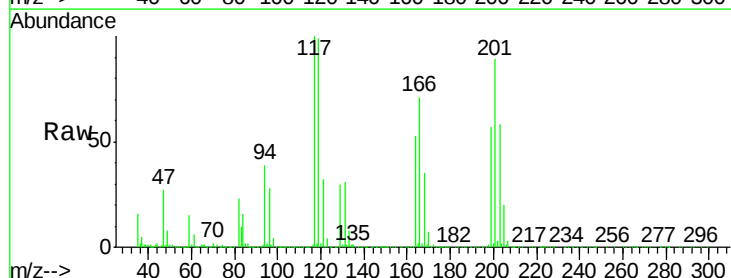
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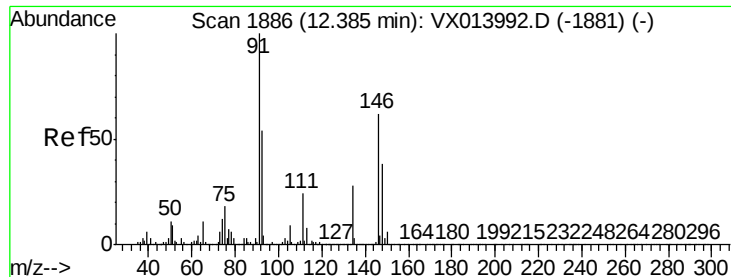
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#86
Hexachloroethane
Concen: 17.111 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014137.D
Acq: 19 Dec 2019 21:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	90.6	44.8	134.3	





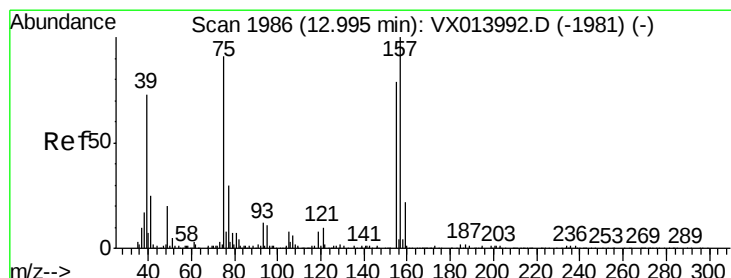
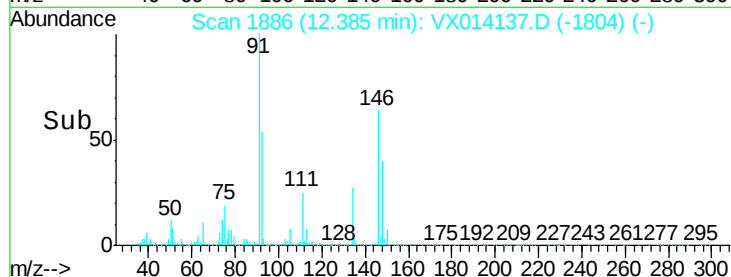
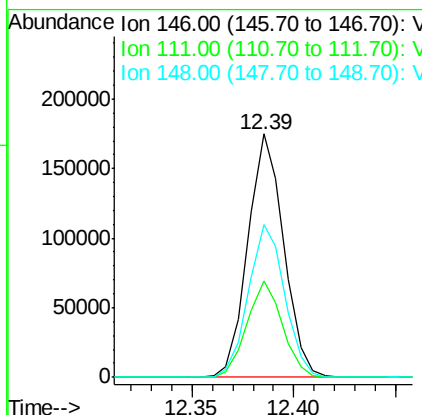
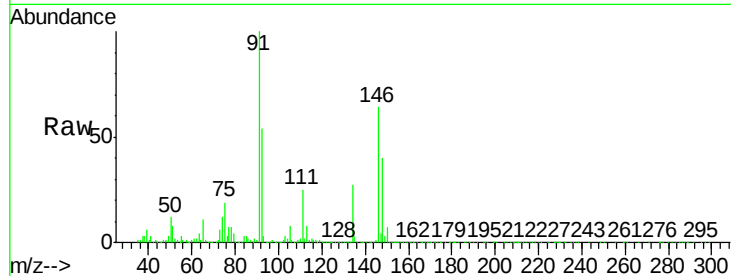
#87
 1,2-Dichlorobenzene
 Concen: 18.154 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014137.D
 Acq: 19 Dec 2019 21:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	20.1	60.2
148	63.4	32.0	96.2

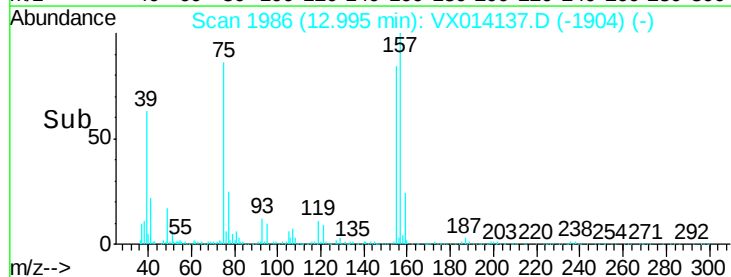
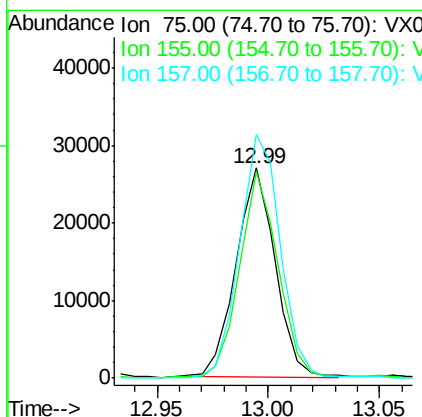
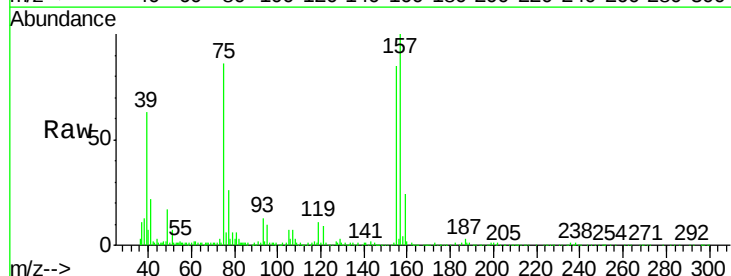
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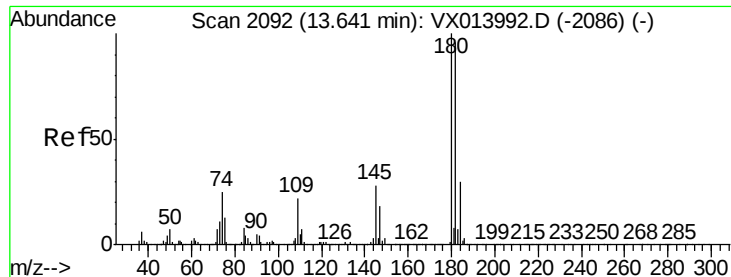
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.809 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014137.D
 Acq: 19 Dec 2019 21:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.1	73.8	110.6
157	121.5	95.0	142.4





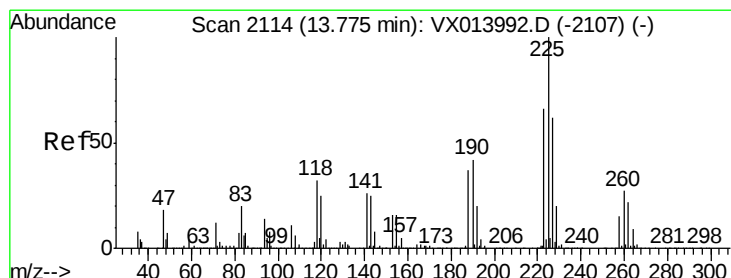
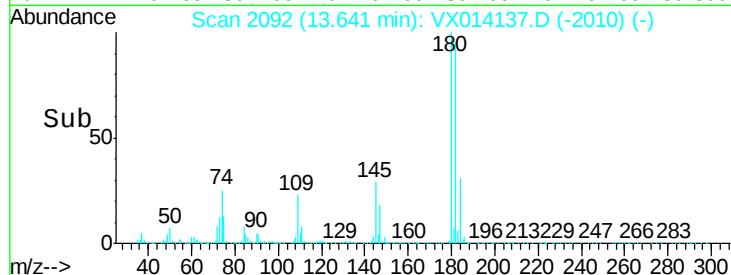
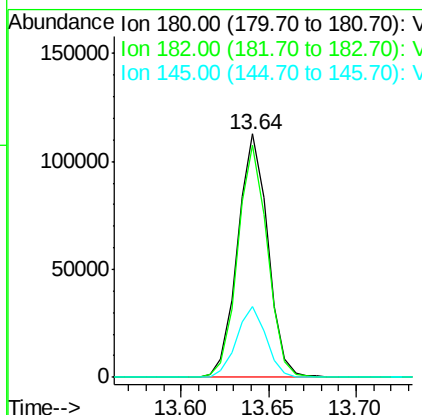
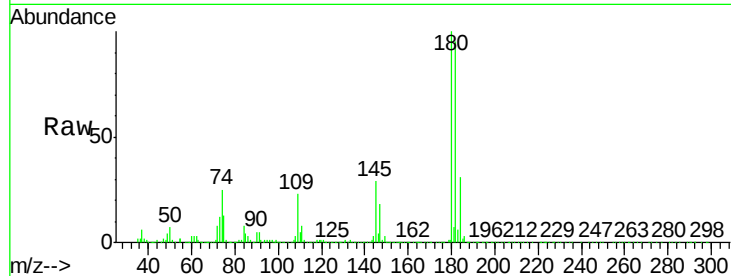
#89
 1,2,4-Trichlorobenzene
 Concen: 17.980 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014137.D
 Acq: 19 Dec 2019 21:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	135236		
182	93.8	76.4	114.6	
145	28.3	21.9	32.9	

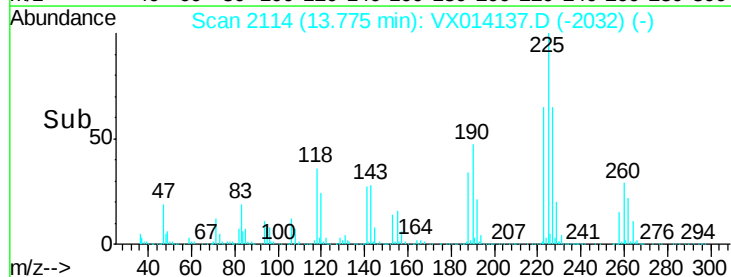
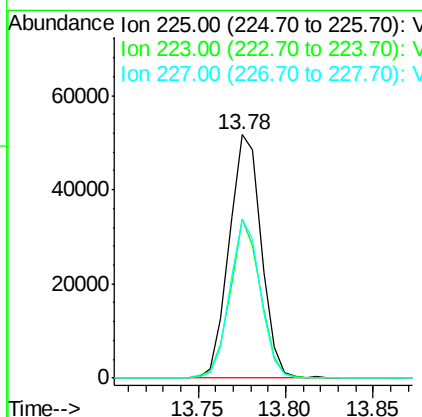
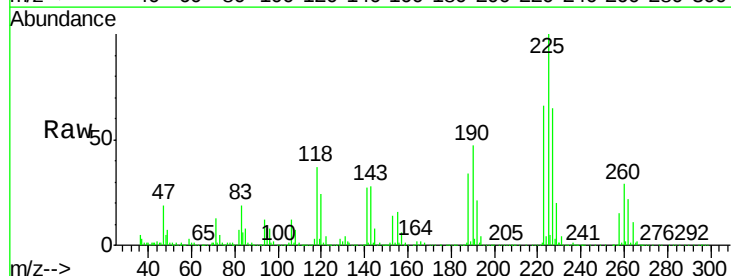
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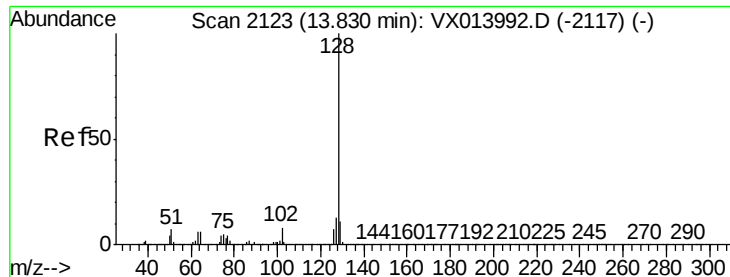
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#90
 Hexachlorobutadiene
 Concen: 18.508 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014137.D
 Acq: 19 Dec 2019 21:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	66168		
223	61.8	0.0	127.4	
227	61.7	0.0	122.8	





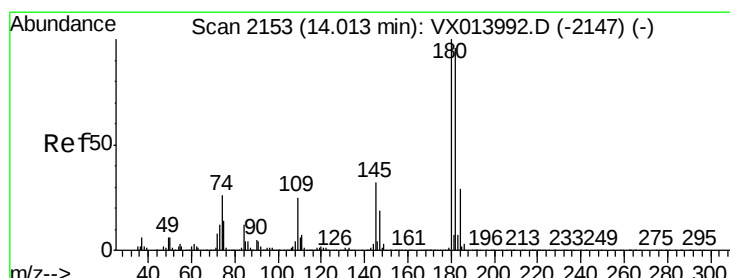
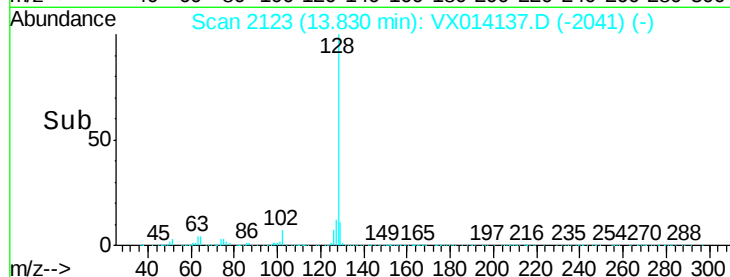
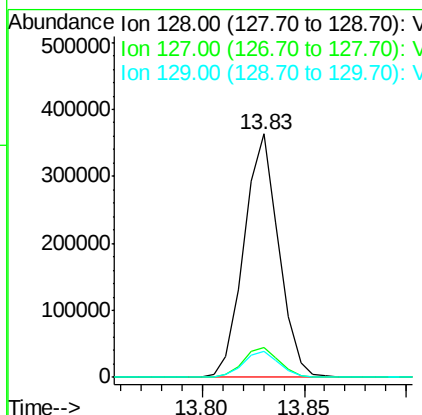
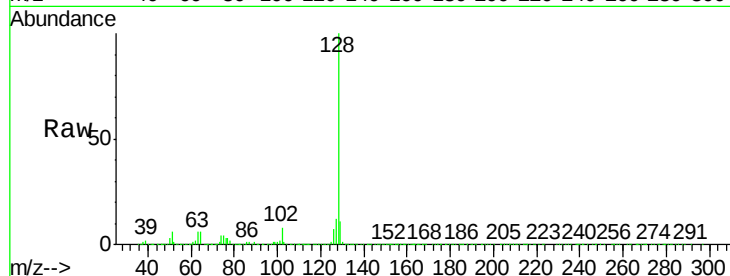
#91
Naphthalene
Concen: 18.915 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014137.D
Acq: 19 Dec 2019 21:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	427601		
127	12.8	10.4	15.6	
129	11.1	8.9	13.3	

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#92
1,2,3-Trichlorobenzene
Concen: 18.477 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014137.D
Acq: 19 Dec 2019 21:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	140958		
182	96.0	0.0	192.8	
145	30.3	0.0	60.0	

