

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101520\
 Data File : VX018953.D
 Acq On : 15 Oct 2020 23:17
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Oct 16 01:46:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X101520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 15 15:32:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	45703	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	254982	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	230680	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	92499	31.73	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	105.77%
60) 4-Bromofluorobenzene	11.12	95	106561	29.67	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.90%
63) Toluene-d8	8.70	98	307426	30.51	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.70%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	37456	17.286	ug/l 96
3) Chloromethane	1.31	50	44906	18.323	ug/l 100
4) Vinyl Chloride	1.39	62	59452	19.768	ug/l 99
5) Bromomethane	1.63	94	51723	29.041	ug/l 99
6) Chloroethane	1.72	64	40554	19.550	ug/l 98
7) Trichlorofluoromethane	1.92	101	92670	19.573	ug/l 99
8) Diethyl Ether	2.17	74	38037	20.409	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	42031	15.966	ug/l 95
10) 1,1-Dichloroethene	2.36	96	46058	16.834	ug/l 100
11) Methyl Iodide	2.49	142	37229	11.460	ug/l 99
12) Methyl Acetate	2.75	43	52160	19.441	ug/l 98
13) Acrolein	2.28	56	46796	91.212	ug/l 98
14) Acrylonitrile	3.12	53	120059	96.182	ug/l 98
15) Acetone	2.42	58	36841	87.686	ug/l 96
16) Carbon Disulfide	2.55	76	123928	18.469	ug/l 100
17) Allyl chloride	2.71	41	63500	17.886	ug/l 94
18) Methylene Chloride	2.84	84	51524	18.687	ug/l 97
19) trans-1,2-Dichloroethene	3.14	96	50480	18.319	ug/l 96
20) Diisopropyl ether	3.82	45	127299	19.322	ug/l 95
21) 1,1-Dichloroethane	3.67	63	85902	19.076	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	58770	18.837	ug/l 98
23) tert-Butyl Alcohol	3.01	59	66475	95.654	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	144776	19.162	ug/l 99
25) Chloroform	5.18	83	93223	19.503	ug/l 96
26) Cyclohexane	5.55	56	67562	18.637	ug/l # 99
29) 1,1-Dichloropropene	5.77	75	68412	18.505	ug/l 98
30) 2-Butanone	4.64	43	177737	96.478	ug/l 99
31) 2,2-Dichloropropane	4.55	77	66339	15.233	ug/l 97
32) 1,1,1-Trichloroethane	5.46	97	84067	18.736	ug/l 99
33) Carbon Tetrachloride	5.76	117	75879	18.452	ug/l 97
34) Benzene	6.11	78	209075	19.083	ug/l 97
35) Methacrylonitrile	5.00	41	36732	19.267	ug/l 96
36) 1,2-Dichloroethane	6.17	62	70802	19.659	ug/l 100
37) Trichloroethene	7.19	130	57327	17.830	ug/l 88
38) Methylcyclohexane	7.44	83	75838	17.993	ug/l 97
39) 1,2-Dichloropropane	7.49	63	50944	19.011	ug/l 98
40) Dibromomethane	7.63	93	36839	18.716	ug/l 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	76828	19.176	ug/l	98
42) Vinyl Acetate	3.79	43	628995	95.322	ug/l	99
43) Ethyl Acetate	4.79	43	69240	18.160	ug/l	98
44) Isopropyl Acetate	6.42	43	117052	19.118	ug/l	# 100
45) 1,4-Dioxane	7.71	88	24712	378.186	ug/l	97
46) Methyl methacrylate	7.74	41	54476	19.137	ug/l	98
47) n-amyl Acetate	10.88	43	94282	18.436	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	83591	18.271	ug/l	97
49) cis-1,3-Dichloropropene	8.42	75	89276	18.351	ug/l	97
50) 1,1,2-Trichloroethane	9.20	97	54306	19.227	ug/l	98
51) Ethyl methacrylate	9.16	69	84311	18.966	ug/l	99
52) 1,3-Dichloropropane	9.35	76	91486	19.629	ug/l	99
53) Dibromochloromethane	9.57	129	62330	18.553	ug/l	98
54) 1,2-Dibromoethane	9.65	107	59735	19.239	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	219925	93.783	ug/l	99
56) Bromoform	10.84	173	45841	17.676	ug/l	100
58) 4-Methyl-2-Pentanone	8.62	43	351758	95.559	ug/l	100
59) 2-Hexanone	9.47	43	265825	94.312	ug/l	99
61) Tetrachloroethene	9.32	164	51059	18.000	ug/l	99
62) Toluene	8.76	91	233908	18.924	ug/l	99
64) Chlorobenzene	10.12	112	146181	18.592	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.20	131	56006	18.352	ug/l	98
66) Ethyl Benzene	10.23	91	255978	18.686	ug/l	99
67) m/p-Xylenes	10.34	106	196213	36.559	ug/l	98
68) o-Xylene	10.68	106	95413	18.798	ug/l	100
69) Styrene	10.70	104	158369	18.151	ug/l	99
70) Isopropylbenzene	11.00	105	249535	18.504	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	78991	18.805	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	92222	23.498	ug/l	87
73) Bromobenzene	11.24	156	61549	17.725	ug/l	96
74) n-propylbenzene	11.34	91	276204	17.980	ug/l	100
75) 2-Chlorotoluene	11.40	91	164568	18.533	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	205146	18.165	ug/l	99
77) t-1,4-Dichloro-2-butene	11.06	75	28647	16.859	ug/l	96
78) 4-Chlorotoluene	11.49	91	189295	18.106	ug/l	98
79) tert-butylbenzene	11.76	119	210932	18.440	ug/l	98
80) 1,2,4-Trimethylbenzene	11.79	105	206830	18.380	ug/l	100
81) sec-Butylbenzene	11.93	105	239139	18.231	ug/l	99
82) p-Isopropyltoluene	12.05	119	216190	17.681	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	108334	17.536	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	112053	17.994	ug/l	100
85) n-Butylbenzene	12.37	91	183506	16.771	ug/l	99
86) Hexachloroethane	12.58	117	36476	17.584	ug/l	97
87) 1,2-Dichlorobenzene	12.37	146	107202	17.927	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	18732	18.420	ug/l	93
89) 1,2,4-Trichlorobenzene	13.63	180	71490	16.371	ug/l	99
90) Hexachlorobutadiene	13.76	225	29695	16.279	ug/l	96
91) Naphthalene	13.82	128	256410	18.005	ug/l	100
92) 1,2,3-Trichlorobenzene	14.00	180	70151	16.475	ug/l	98

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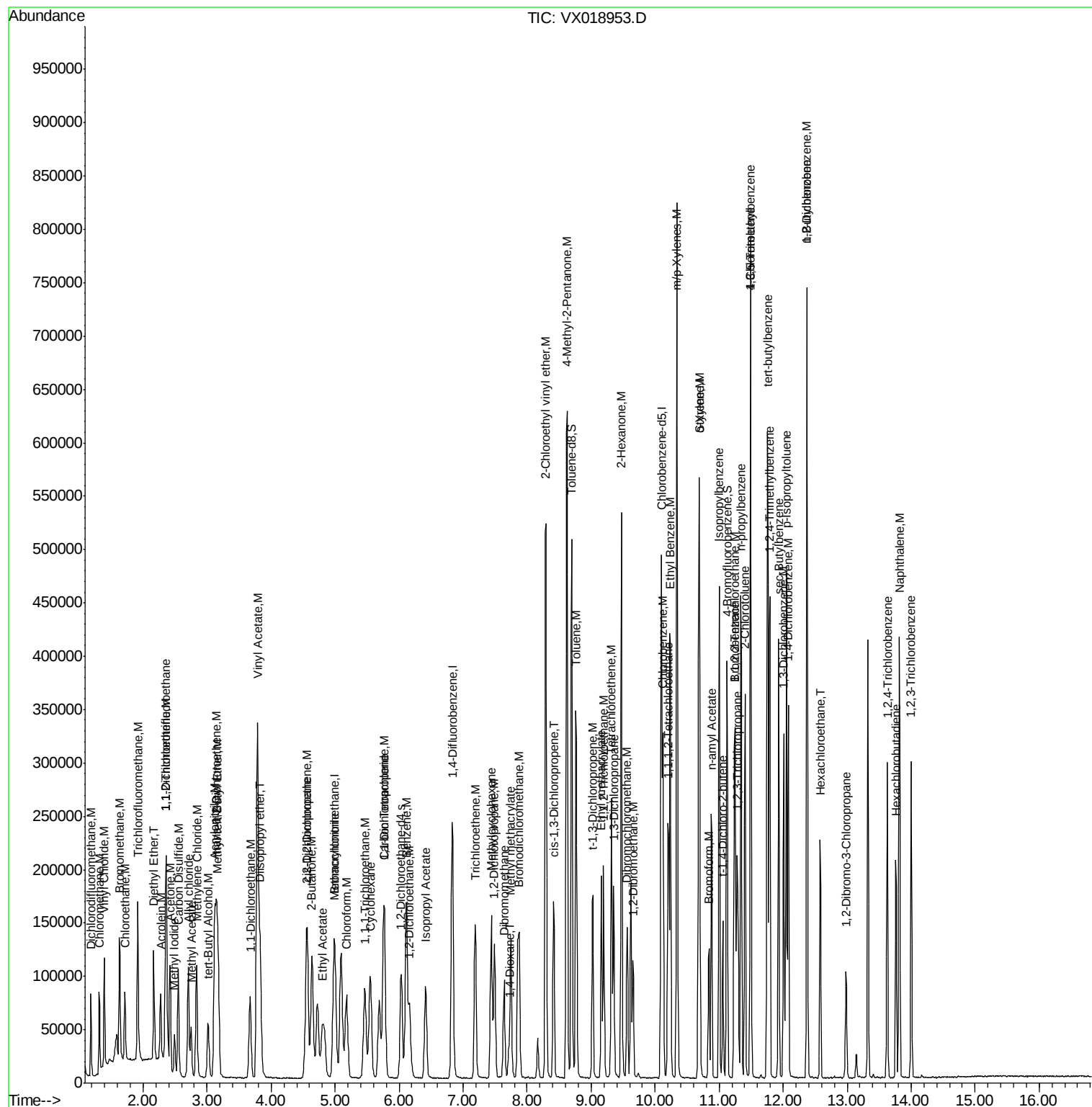
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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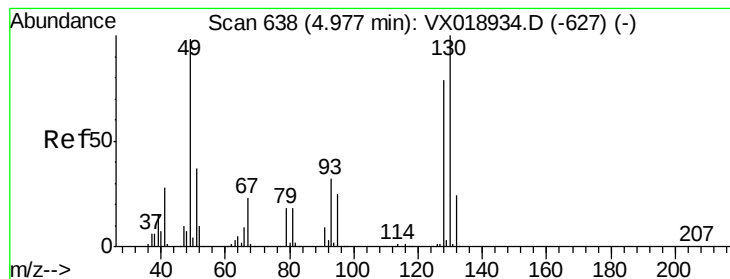
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 16 01:46:45 2020
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

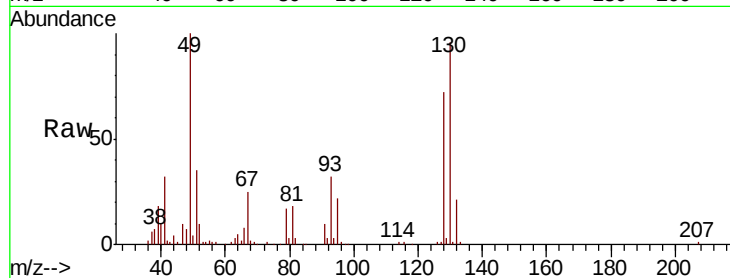
Tot Ion:128 Resp: 45703

Ion Ratio Lower Upper

128 100

49 137.8 0.0 330.5

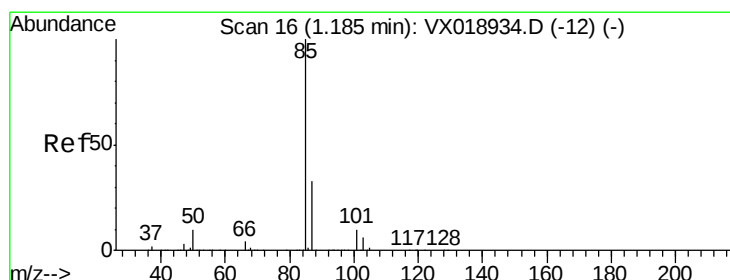
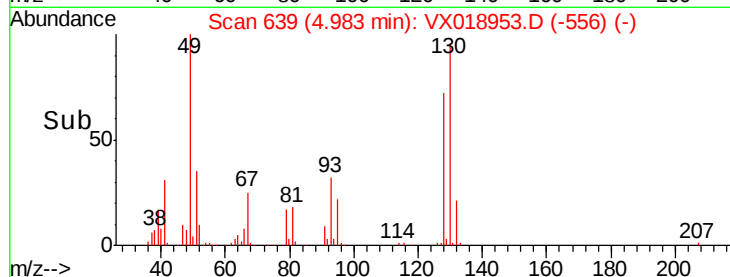
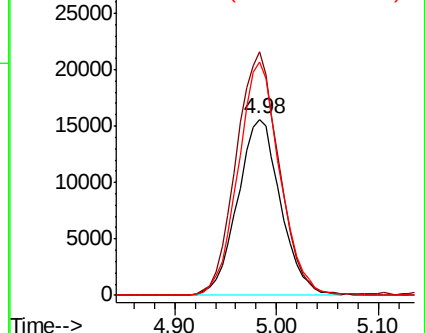
130 128.7 0.0 323.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 17.286 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018953.D

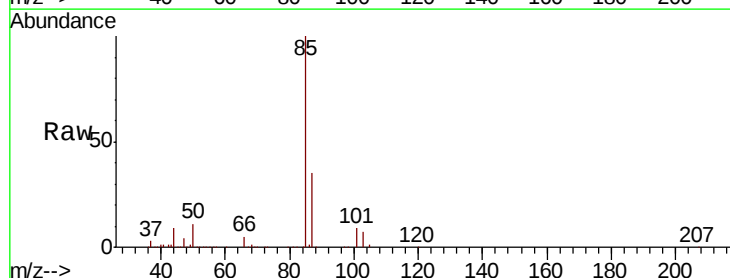
Acq: 15 Oct 2020 23:17

Tgt Ion: 85 Resp: 37456

Ion Ratio Lower Upper

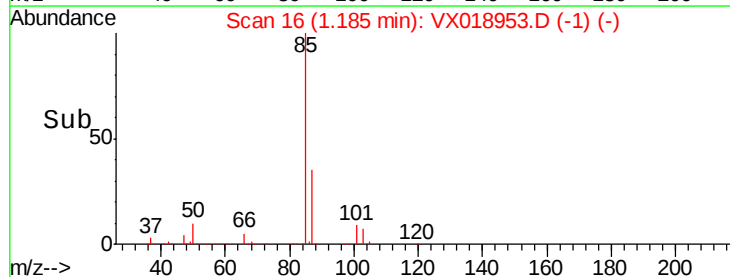
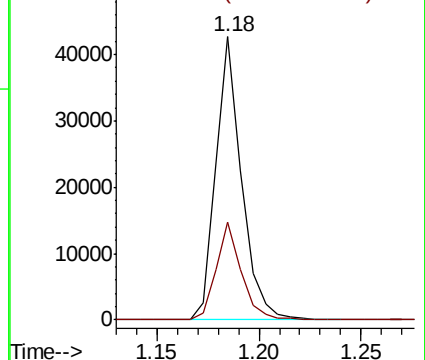
85 100

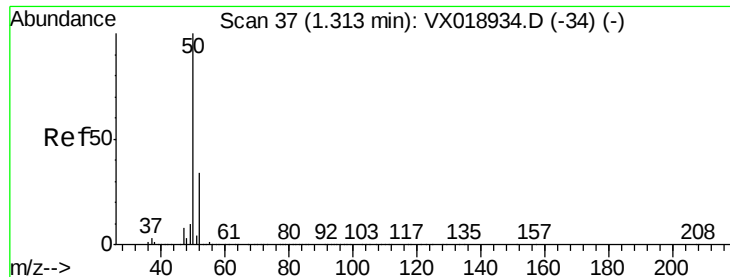
87 34.6 16.3 48.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 18.323 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

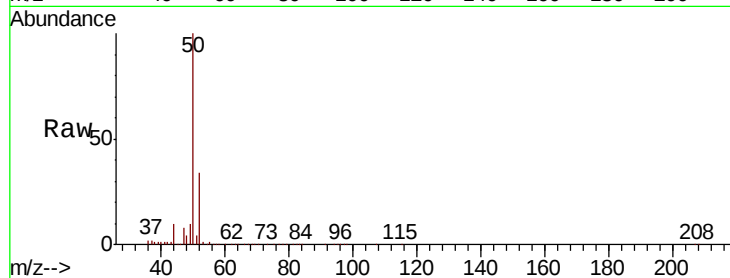
VSTDCCC020EC

Tot Ion: 50 Resp: 44906

Ion Ratio Lower Upper

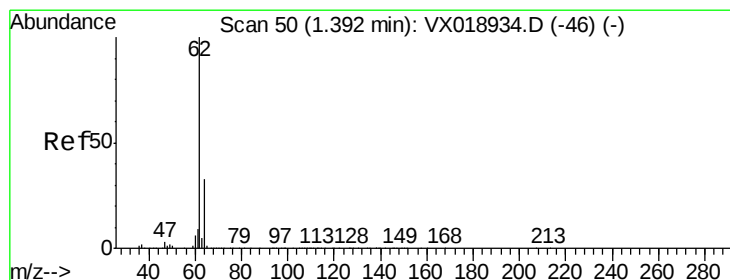
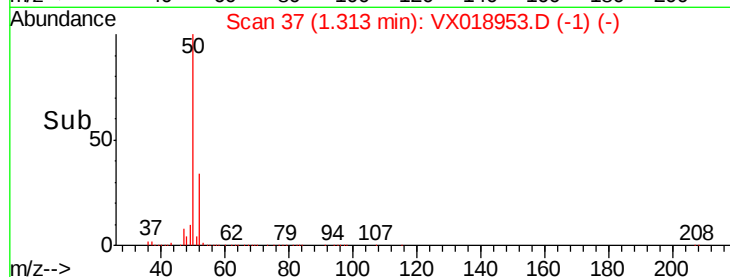
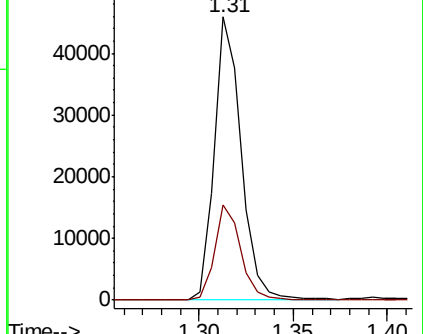
50 100

52 33.5 27.0 40.4



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 19.768 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018953.D

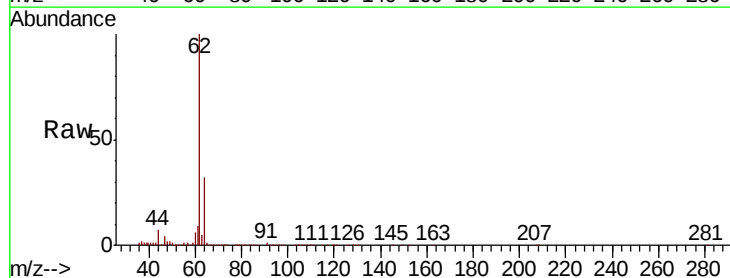
Acq: 15 Oct 2020 23:17

Tgt Ion: 62 Resp: 59452

Ion Ratio Lower Upper

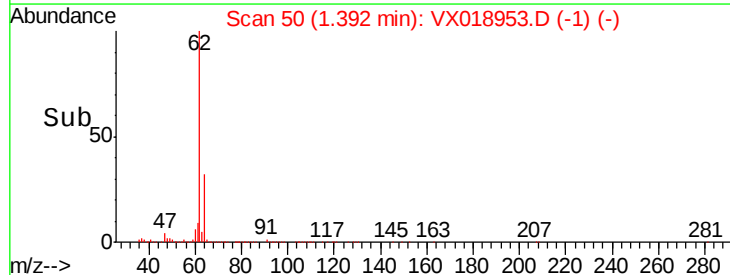
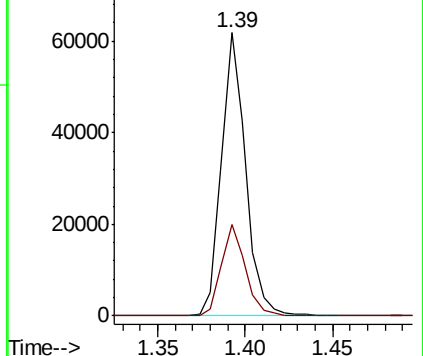
62 100

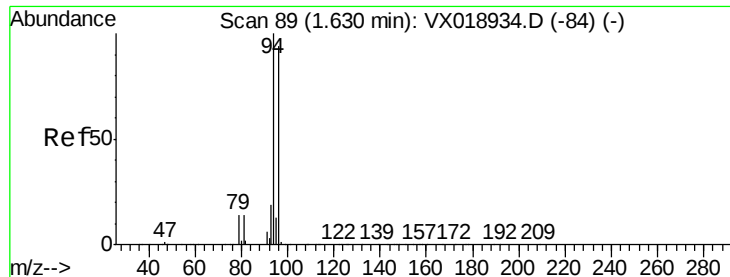
64 32.0 26.1 39.1



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 29.041 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.00 min

Lab File: VX018953.D

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Instrument :

MSVOA_X

ClientSampleId :

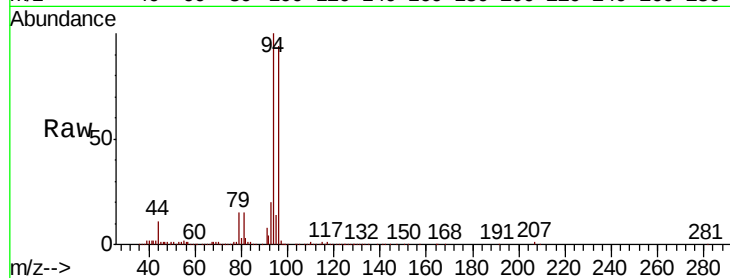
VSTDCCC020EC

Tot Ion: 94 Resp: 51723

Ion Ratio Lower Upper

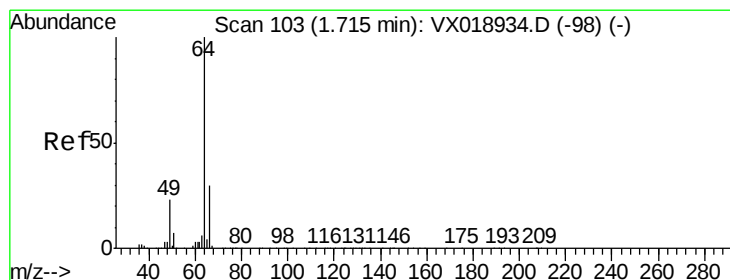
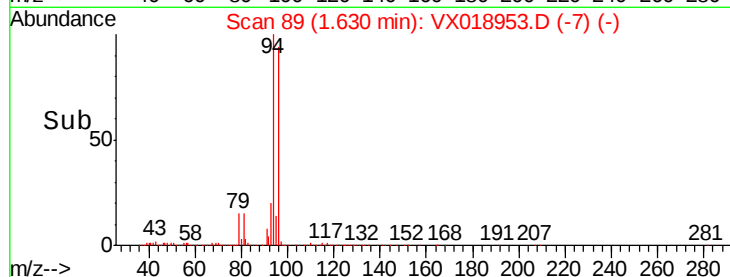
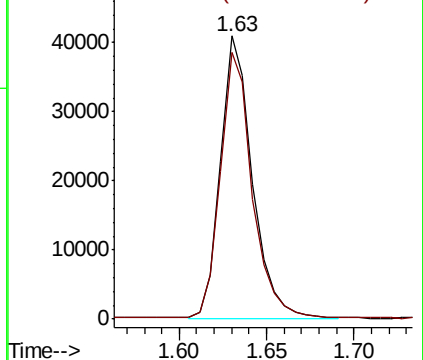
94 100

96 94.1 75.9 113.9



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 19.550 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018953.D

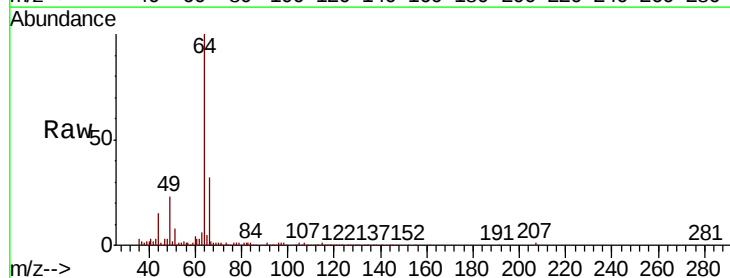
Acq: 15 Oct 2020 23:17

Tgt Ion: 64 Resp: 40554

Ion Ratio Lower Upper

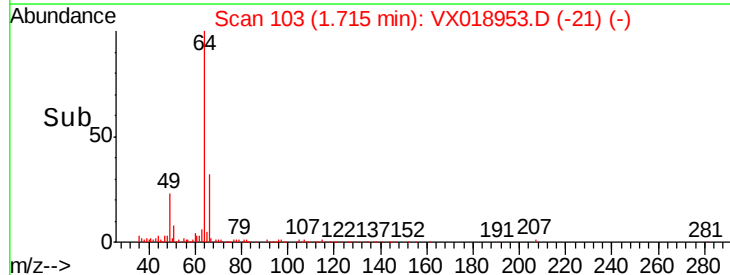
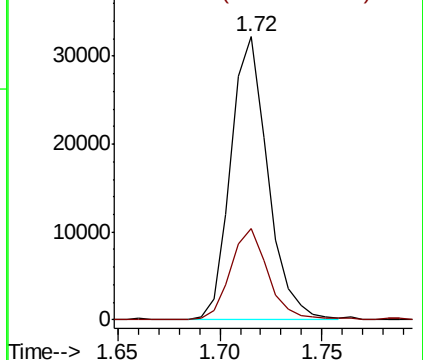
64 100

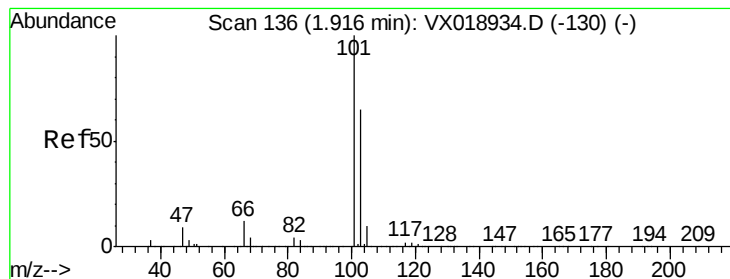
66 31.8 24.5 36.7



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



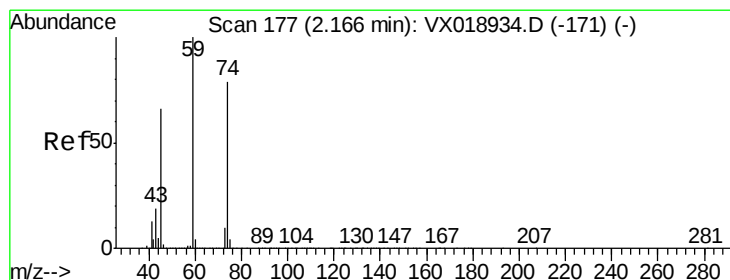
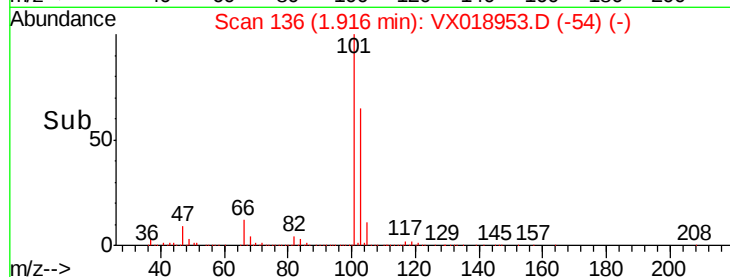
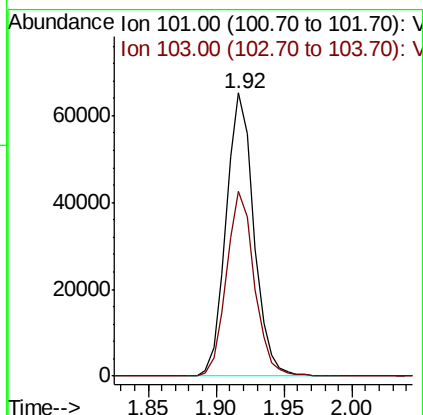
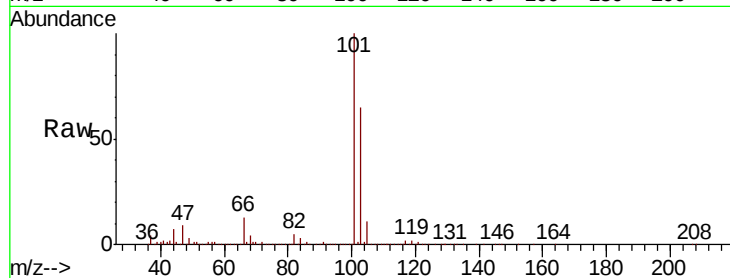


#7

Trichlorofluoromethane
 Concen: 19.573 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.00 min
 Lab File: VX018953.D
 Acq: 15 Oct 2020 23:17

Instrument :
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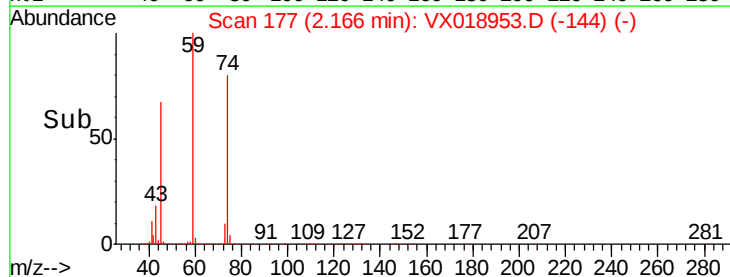
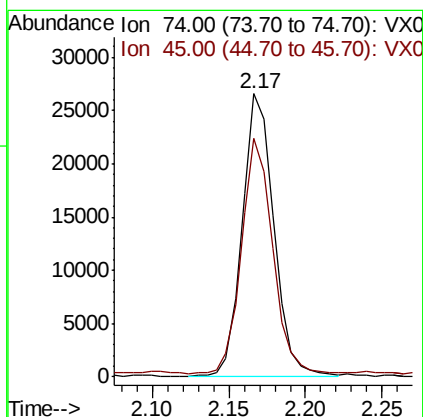
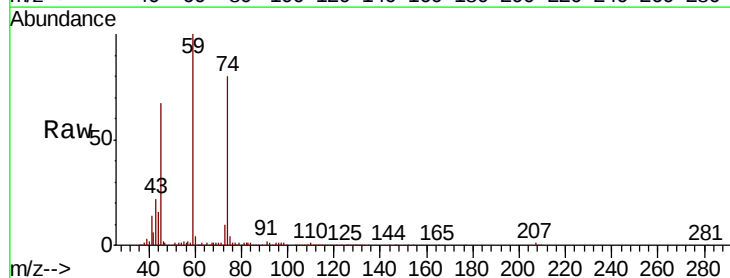
Tot Ion:101 Resp: 92670
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.8 77.6

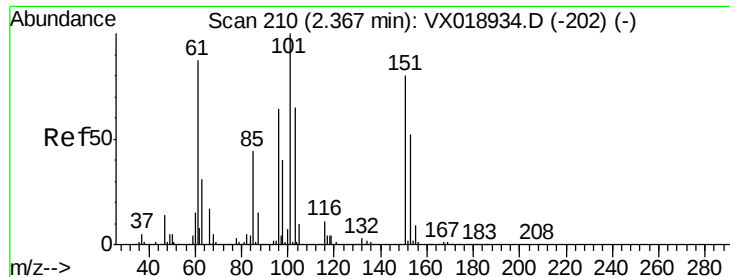


#8

Diethyl Ether
 Concen: 20.409 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX018953.D
 Acq: 15 Oct 2020 23:17

Tgt Ion: 74 Resp: 38037
 Ion Ratio Lower Upper
 74 100
 45 82.1 16.6 149.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.966 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX018953.D

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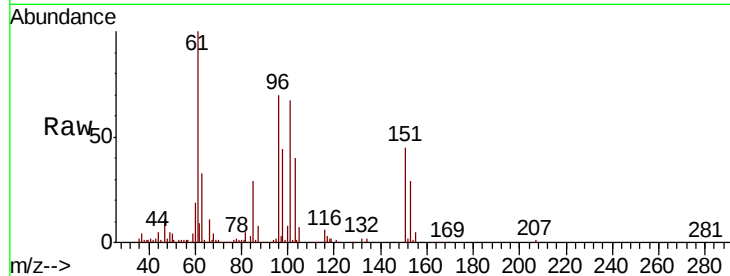
Tot Ion:101 Resp: 42031

Ion Ratio Lower Upper

101 100

85 45.2 0.0 85.4

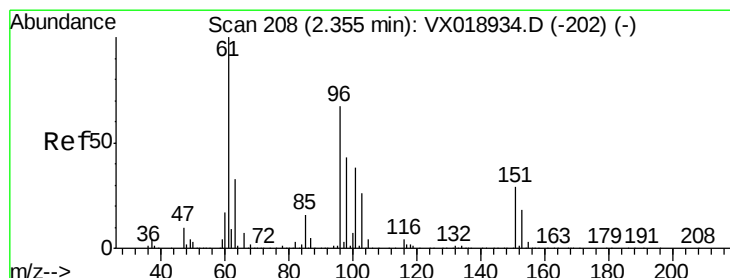
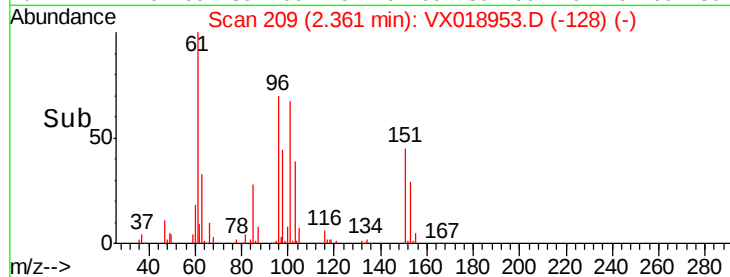
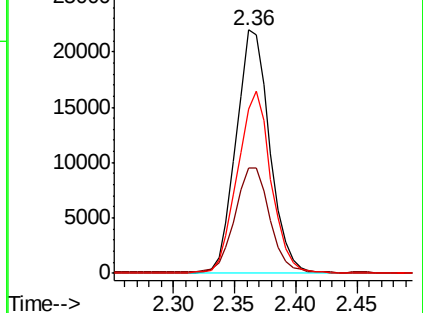
151 74.4 0.0 157.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 16.834 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

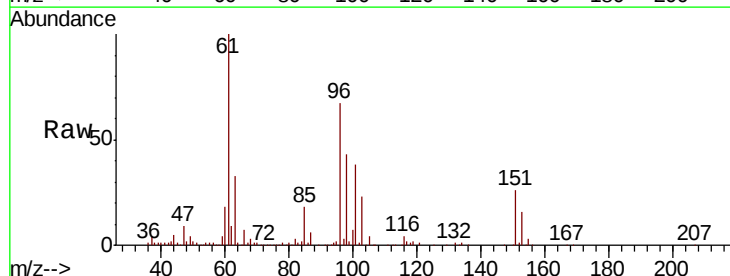
Tgt Ion: 96 Resp: 46058

Ion Ratio Lower Upper

96 100

61 149.8 120.2 180.4

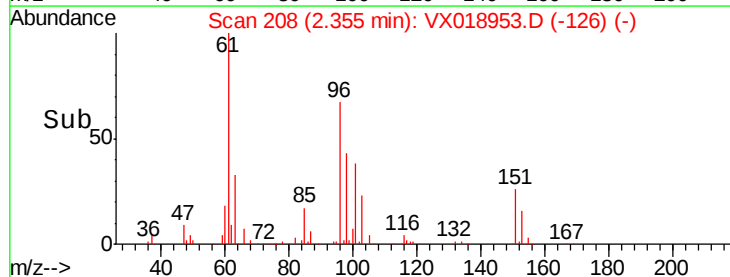
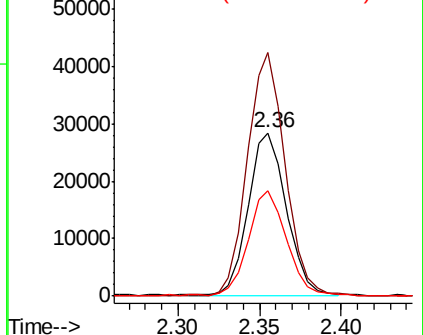
98 64.3 51.4 77.0

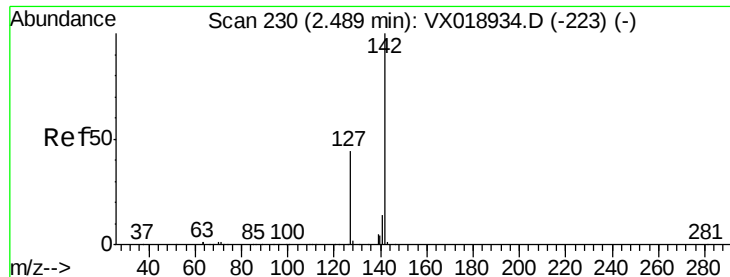


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

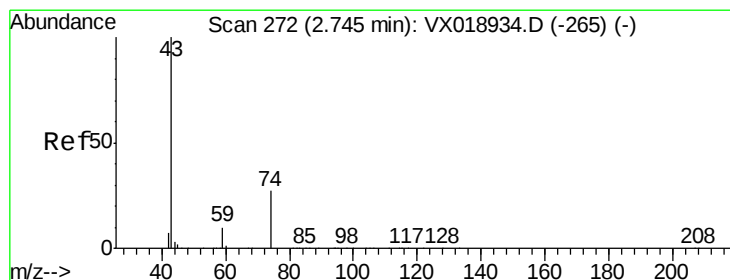
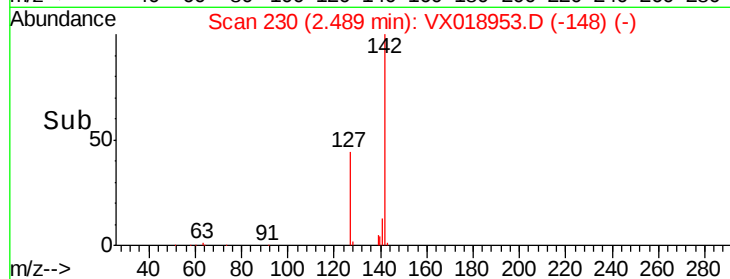
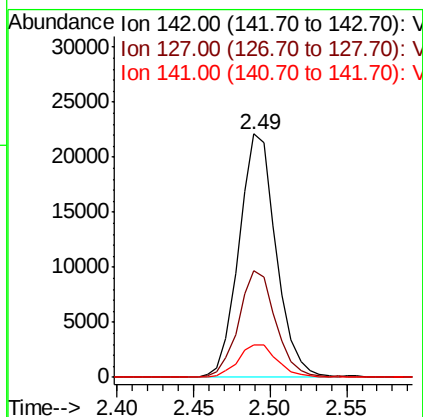
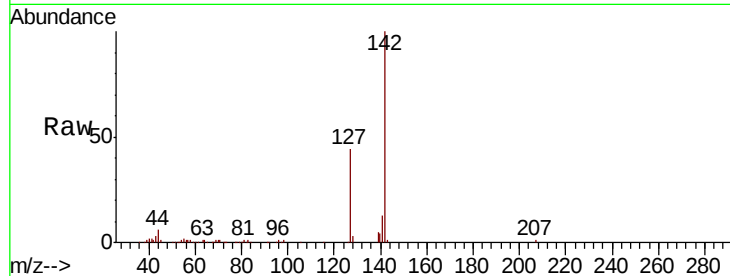




#11
Methyl Iodide
Concen: 11.460 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

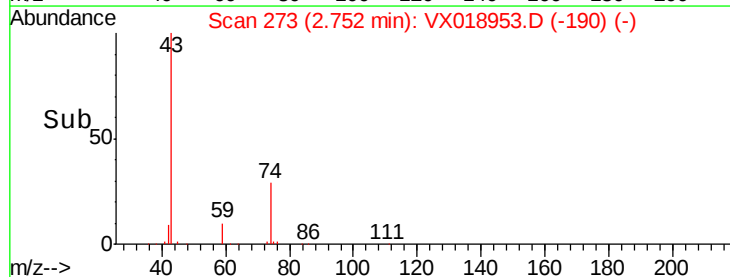
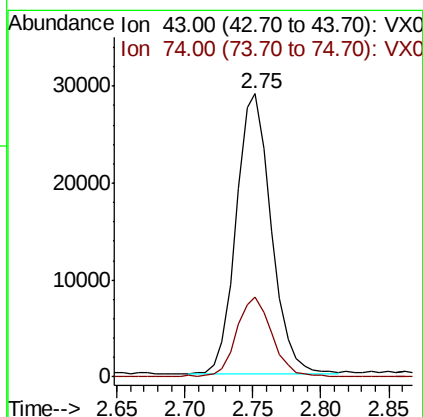
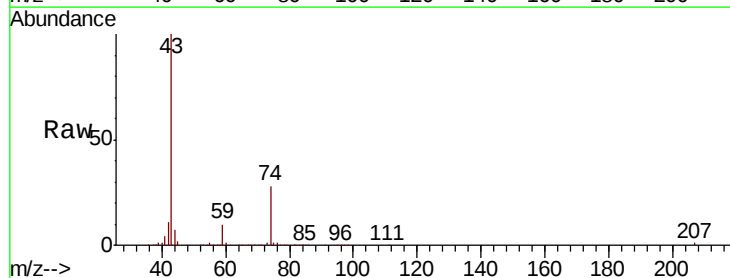
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

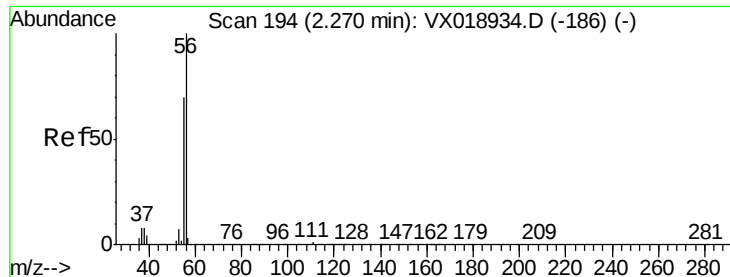
Tot Ion:142 Resp: 37229
Ion Ratio Lower Upper
142 100
127 43.5 22.1 66.1
141 13.5 7.0 21.1



#12
Methyl Acetate
Concen: 19.441 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

Tgt Ion: 43 Resp: 52160
Ion Ratio Lower Upper
43 100
74 28.1 21.6 32.4





#13

Acrolein

Concen: 91.212 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

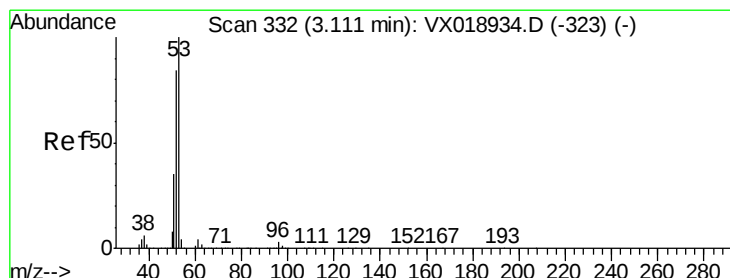
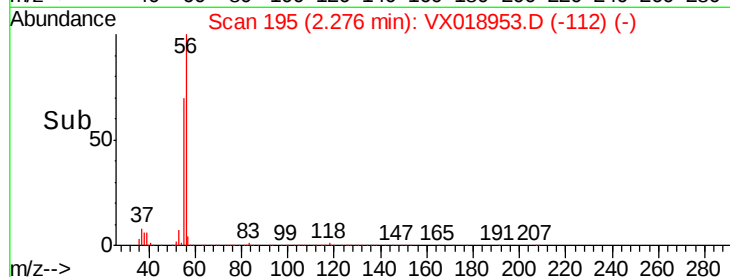
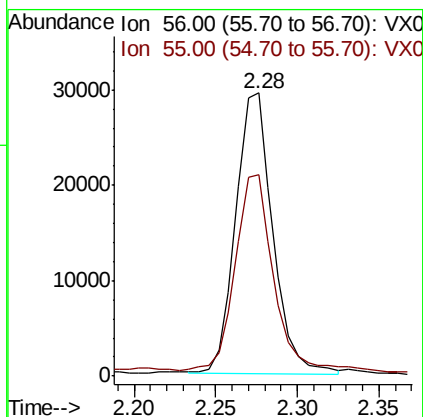
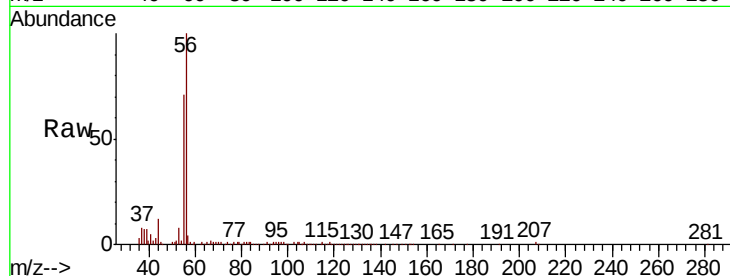
VSTDCCC020EC

Tot Ion: 56 Resp: 46796

Ion Ratio Lower Upper

56 100

55 73.3 57.1 85.7



#14

Acrylonitrile

Concen: 96.182 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.01 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

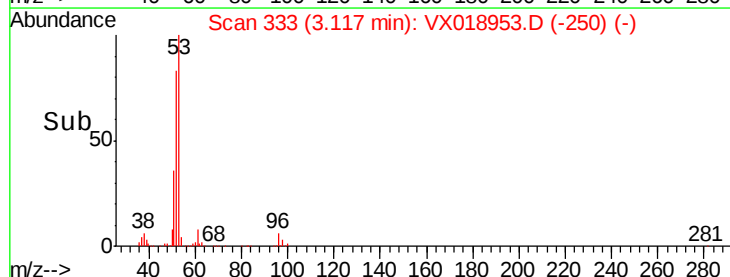
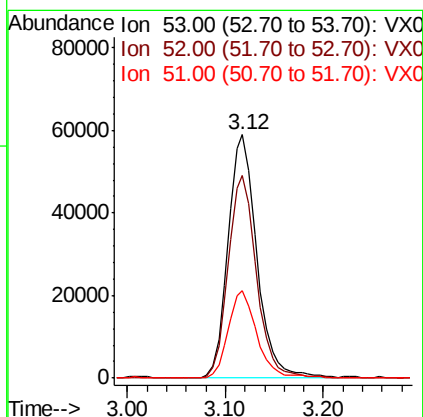
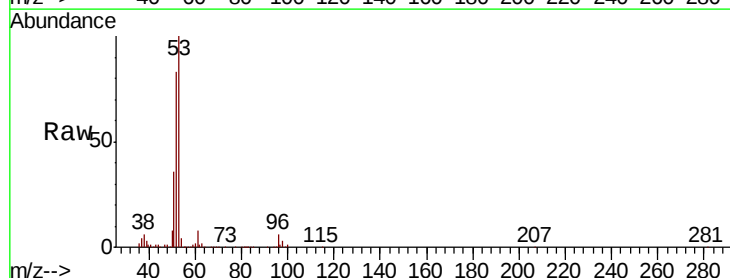
Tgt Ion: 53 Resp: 120059

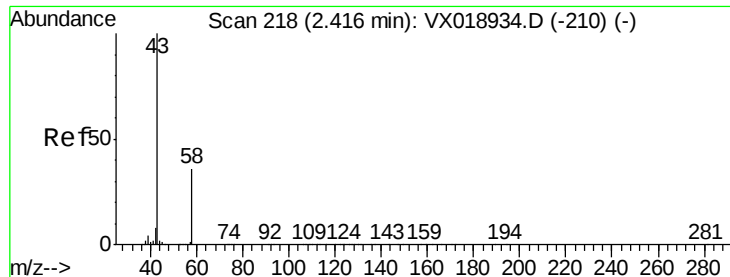
Ion Ratio Lower Upper

53 100

52 82.2 40.3 120.8

51 34.5 17.6 52.8





#15

Acetone

Concen: 87.686 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

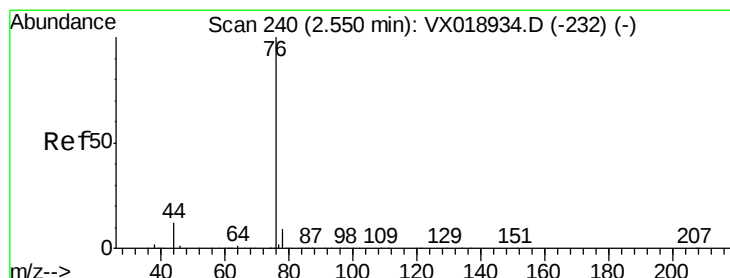
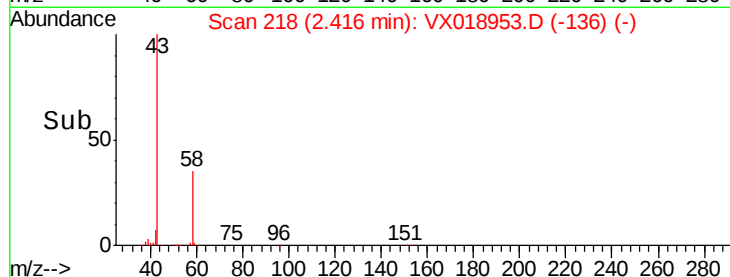
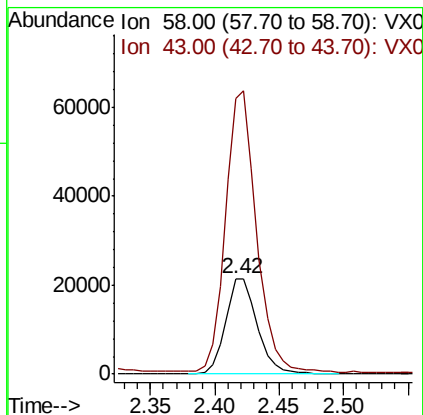
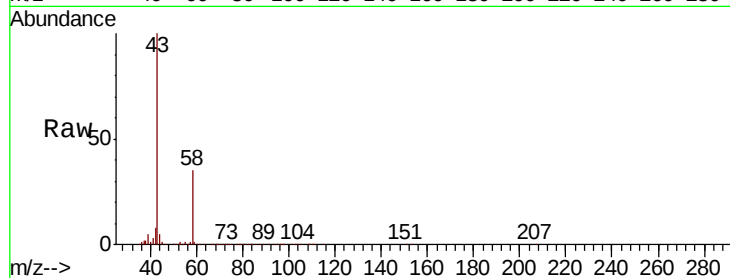
VSTDCCC020EC

Tot Ion: 58 Resp: 36841

Ion Ratio Lower Upper

58 100

43 286.8 223.8 335.8



#16

Carbon Disulfide

Concen: 18.469 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018953.D

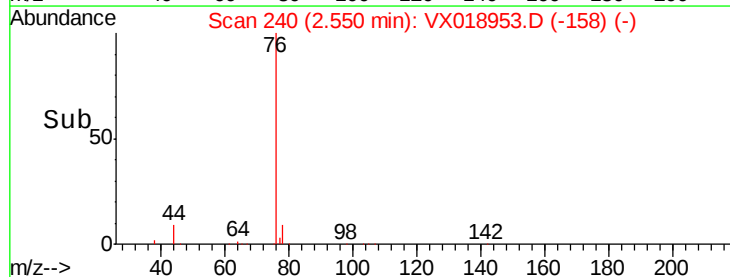
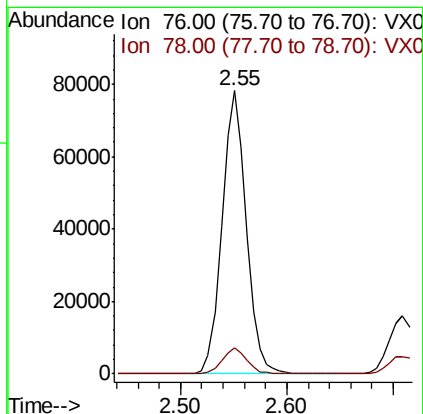
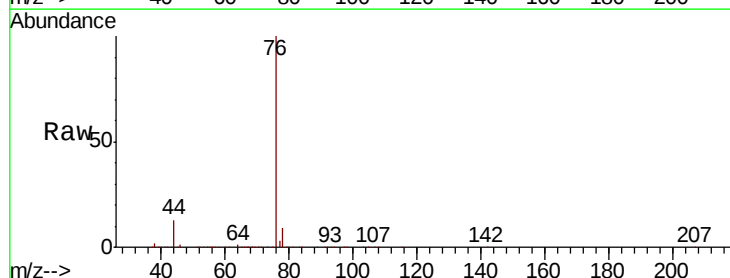
Acq: 15 Oct 2020 23:17

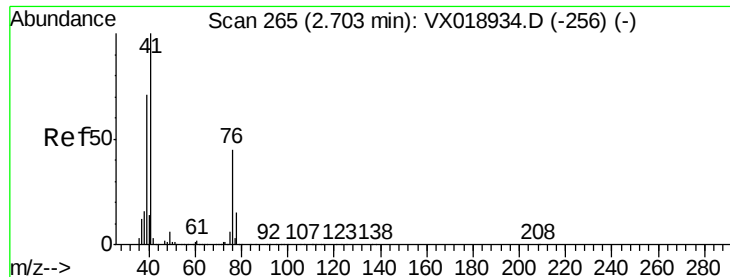
Tgt Ion: 76 Resp: 123928

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2

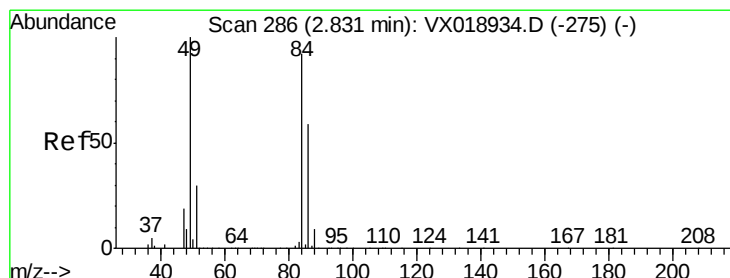
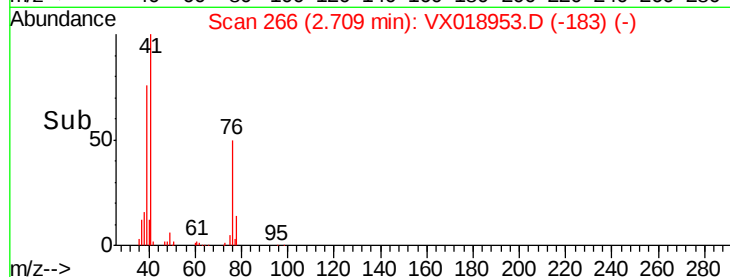
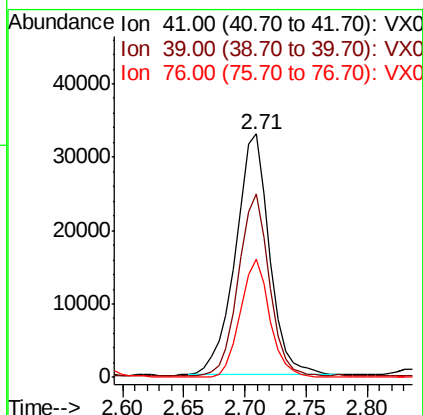
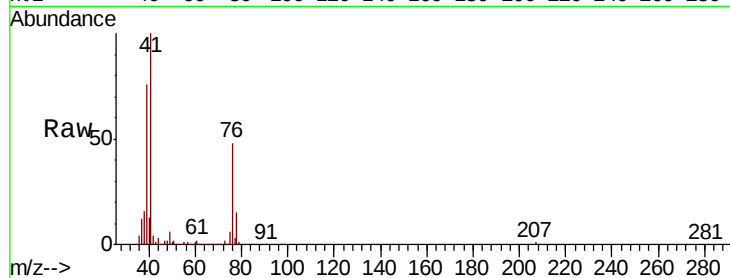




#17
Allvl chloride
Concen: 17.886 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

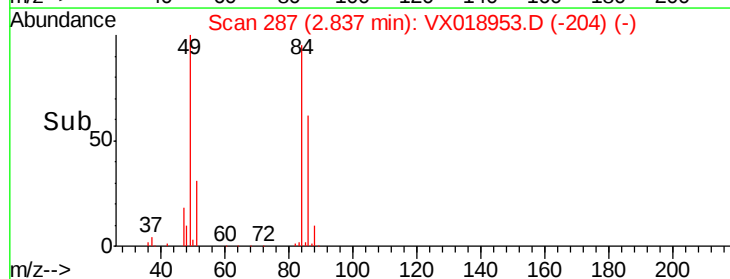
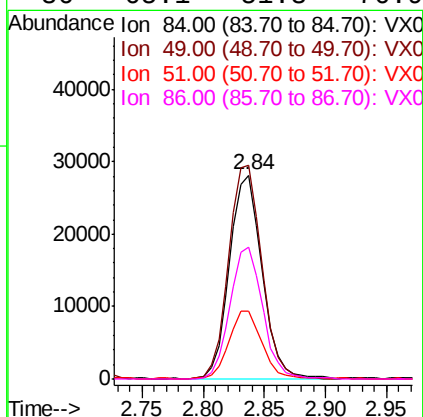
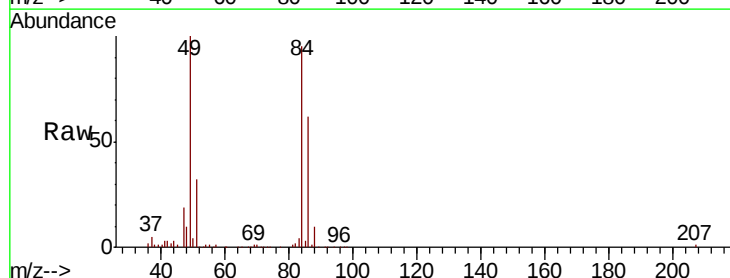
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

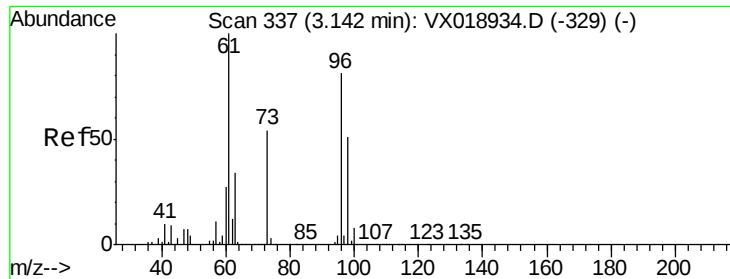
Tot Ion: 41 Resp: 63500
Ion Ratio Lower Upper
41 100
39 75.6 35.4 106.3
76 49.0 22.4 67.2



#18
Methylene Chloride
Concen: 18.687 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

Tgt Ion: 84 Resp: 51524
Ion Ratio Lower Upper
84 100
49 104.8 87.2 130.8
51 32.9 25.9 38.9
86 65.1 51.3 76.9

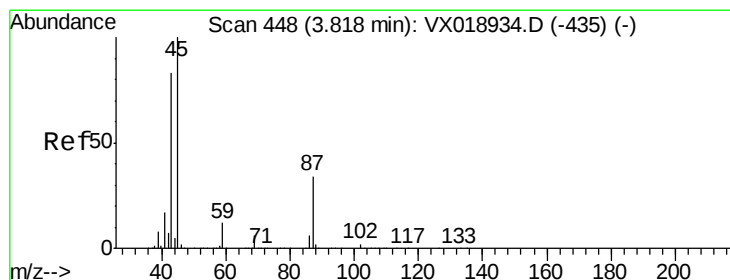
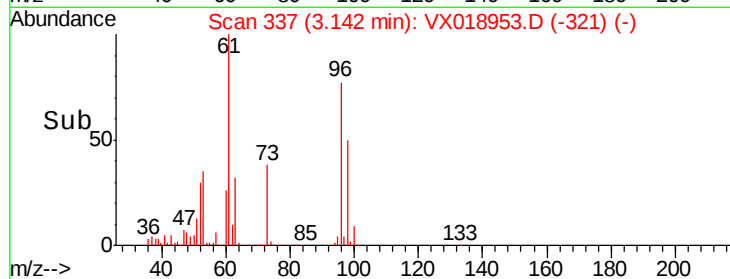
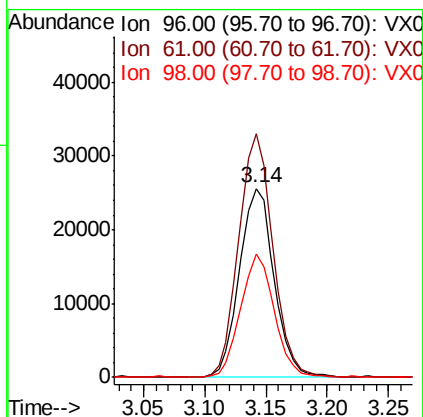
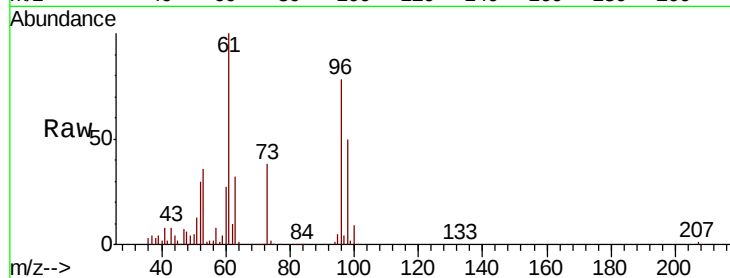




#19
trans-1,2-Dichloroethene
Concen: 18.319 ug/l
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

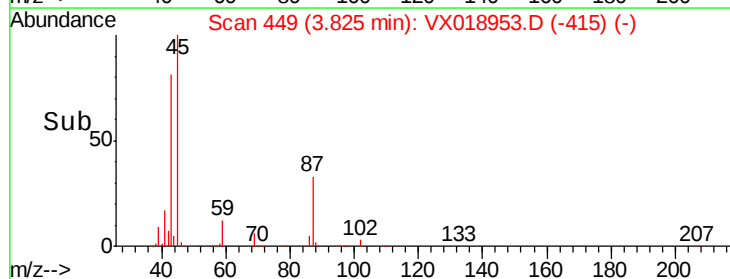
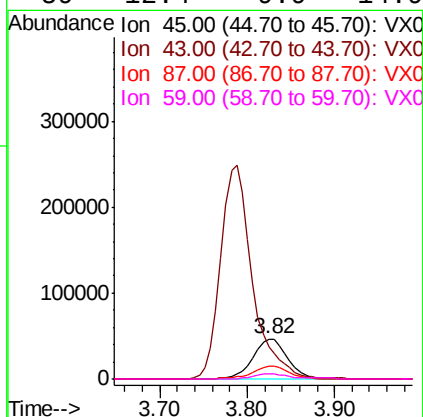
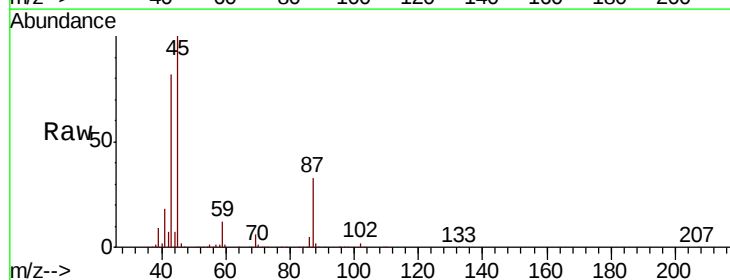
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

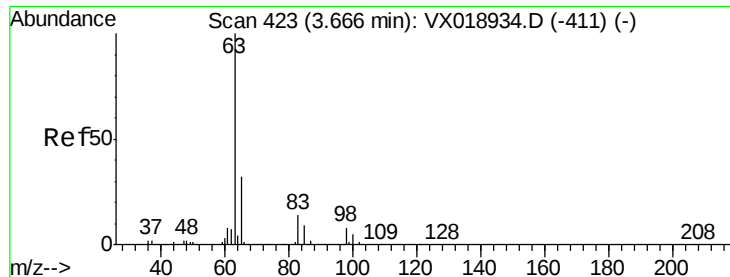
Tot Ion: 96 Resp: 50480
Ion Ratio Lower Upper
96 100
61 129.1 98.6 147.8
98 64.9 50.3 75.5



#20
Diisopropyl ether
Concen: 19.322 ug/l
RT: 3.82 min Scan# 449
Delta R.T. 0.01 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

Tgt Ion: 45 Resp: 127299
Ion Ratio Lower Upper
45 100
43 81.0 69.7 104.5
87 32.8 26.9 40.3
59 12.4 9.9 14.9





#21

1,1-Dichloroethane

Concen: 19.076 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

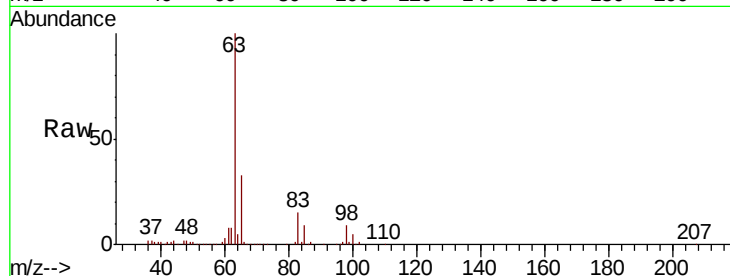
Tot Ion: 63 Resp: 85902

Ion Ratio Lower Upper

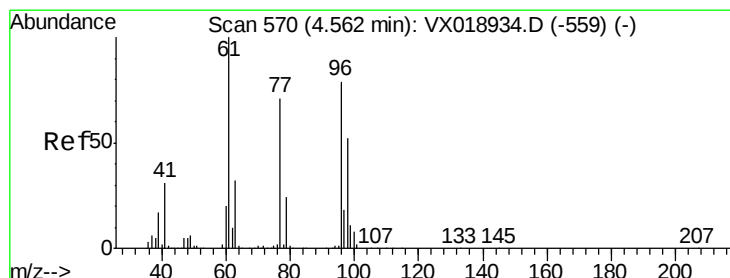
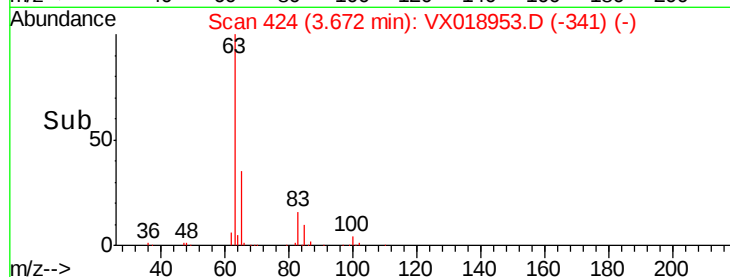
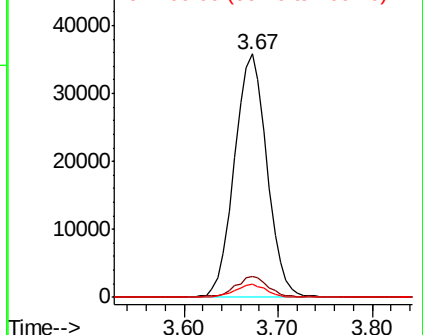
63 100

98 8.3 4.0 11.9

100 5.2 2.5 7.6



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 18.837 ug/l

RT: 4.56 min Scan# 570

Delta R.T. 0.00 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

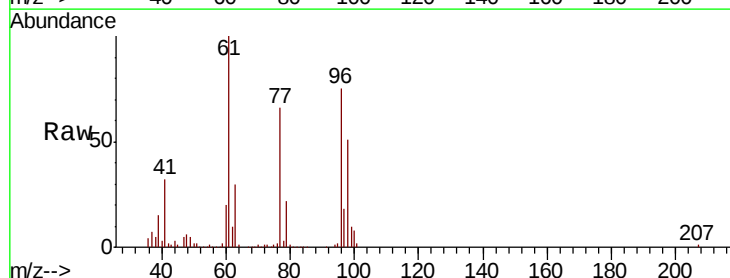
Tgt Ion: 96 Resp: 58770

Ion Ratio Lower Upper

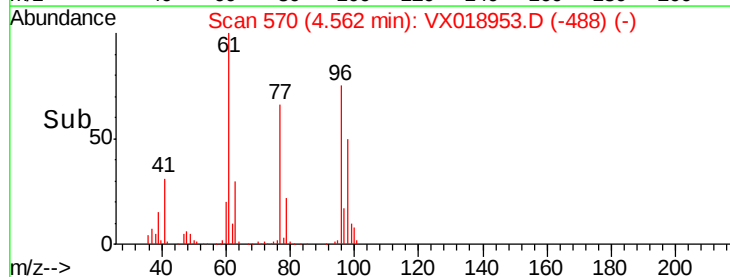
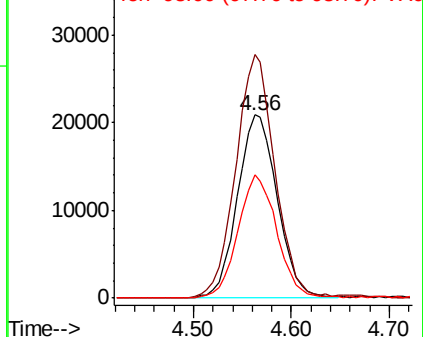
96 100

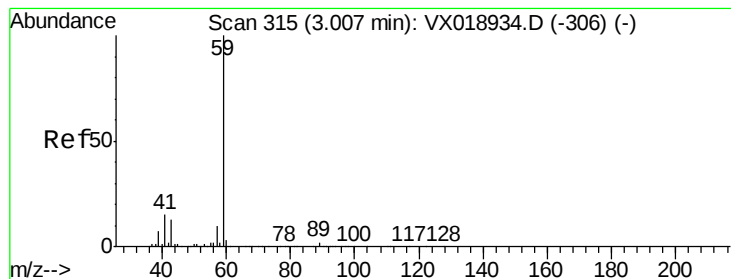
61 131.0 107.7 161.5

98 66.0 51.9 77.9



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#23

tert-Butyl Alcohol

Concen: 95.654 ug/l

RT: 3.01 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

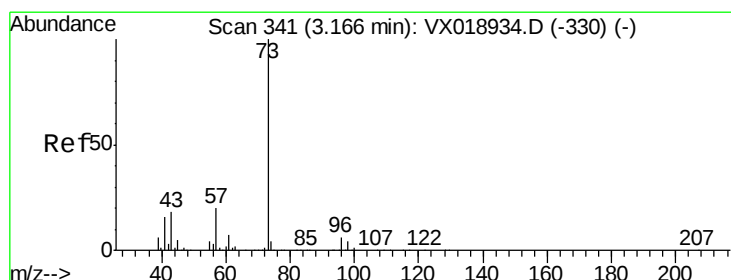
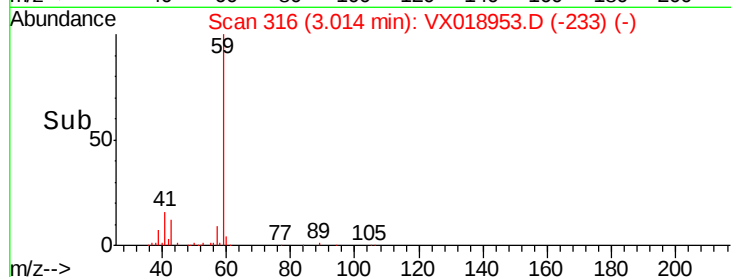
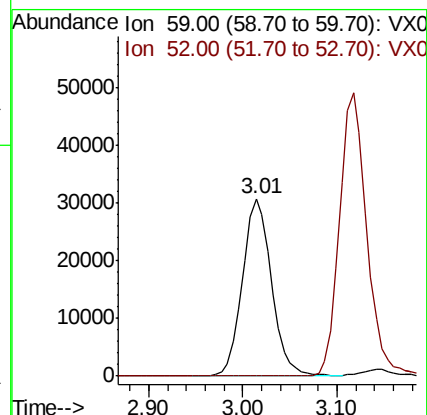
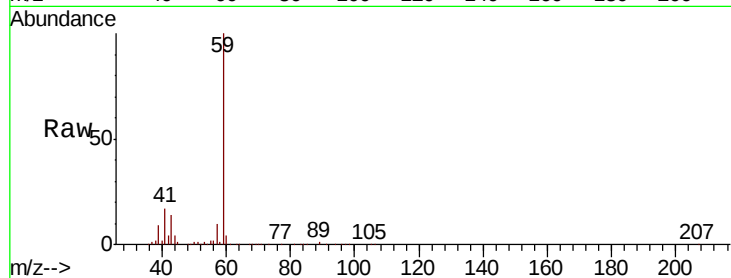
VSTDCCC020EC

Tot Ion: 59 Resp: 66475

Ion Ratio Lower Upper

59 100

52 0.3 0.2 0.2#



#24

Methyl tert-Butyl Ether

Concen: 19.162 ug/l

RT: 3.17 min Scan# 341

Delta R.T. 0.00 min

Lab File: VX018953.D

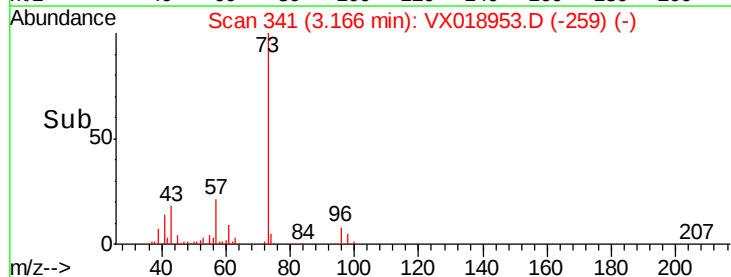
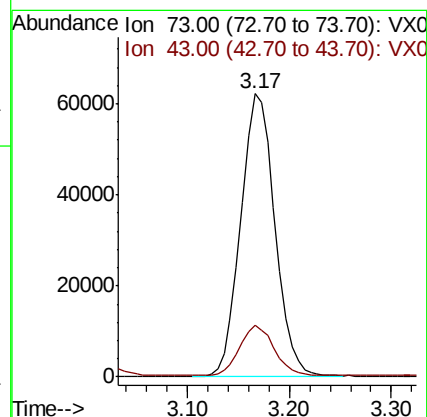
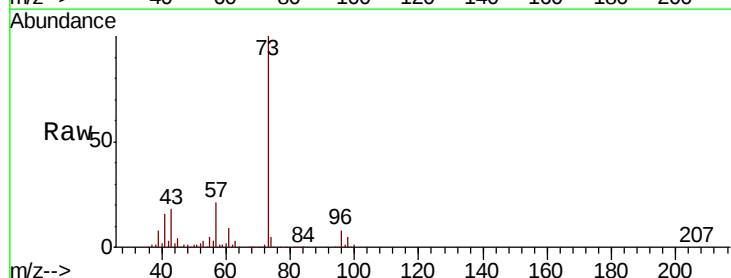
Acq: 15 Oct 2020 23:17

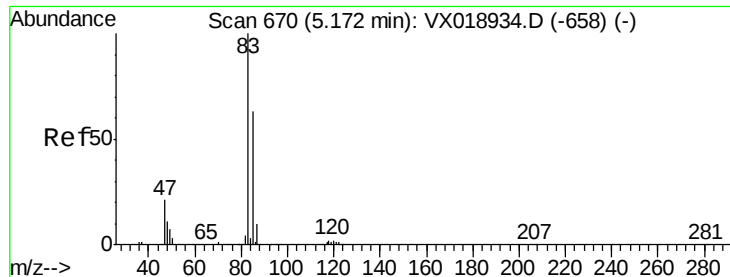
Tgt Ion: 73 Resp: 144776

Ion Ratio Lower Upper

73 100

43 17.8 13.8 20.8





#25

Chloroform

Concen: 19.503 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.01 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

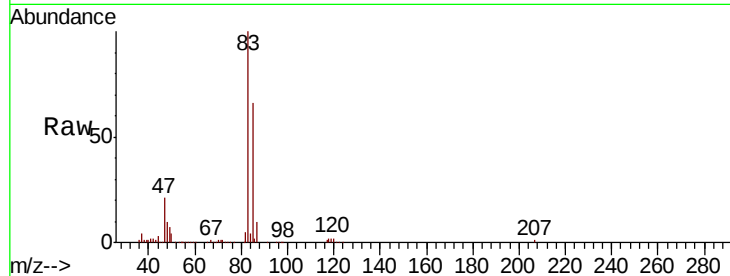
VSTDCCC020EC

Tot Ion: 83 Resp: 93223

Ion Ratio Lower Upper

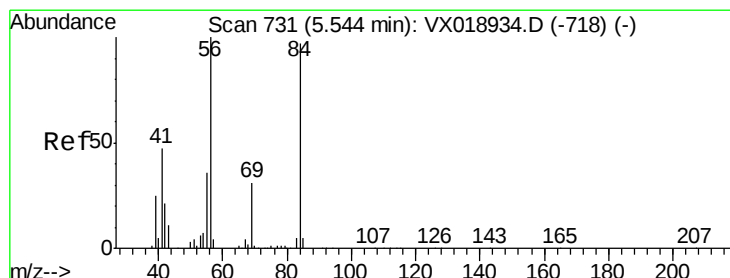
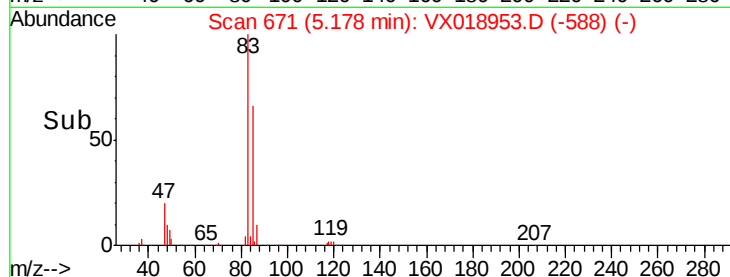
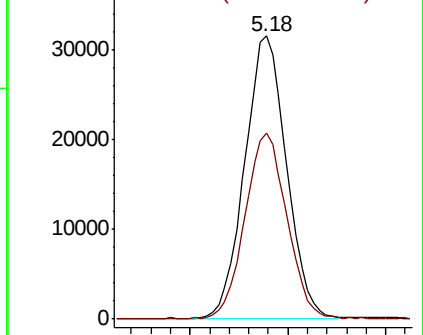
83 100

85 65.7 50.3 75.5



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 18.637 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.01 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

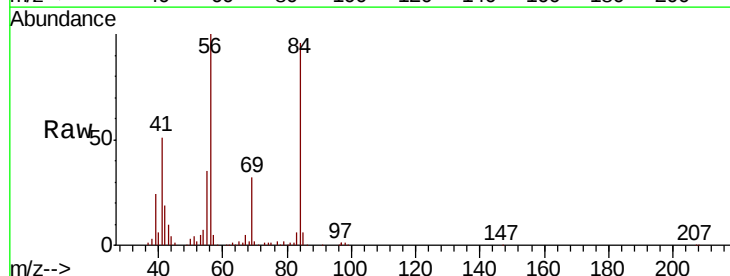
Tgt Ion: 56 Resp: 67562

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

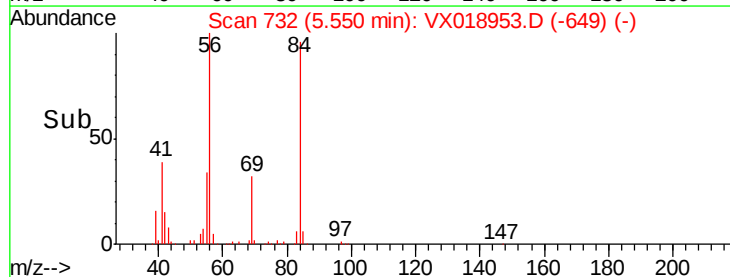
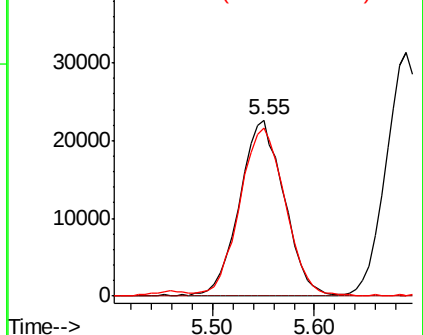
84 98.8 78.0 117.0

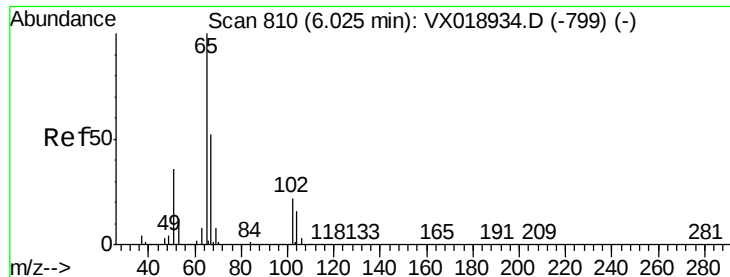


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 31.728 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.01 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

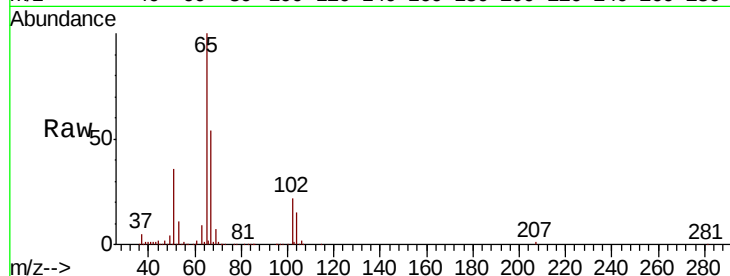
VSTDCCC020EC

Tot Ion: 65 Resp: 92499

Ion Ratio Lower Upper

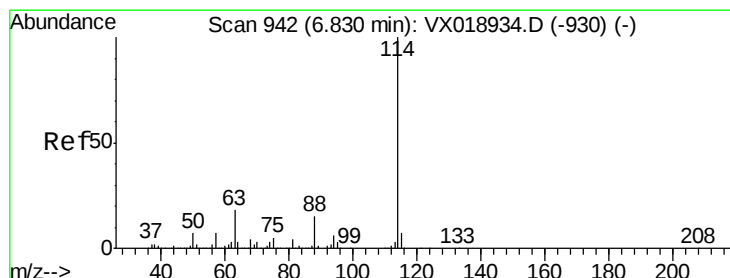
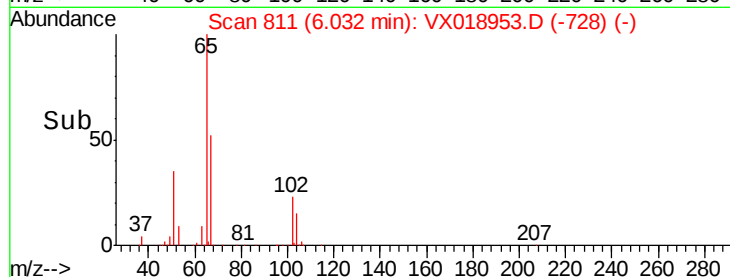
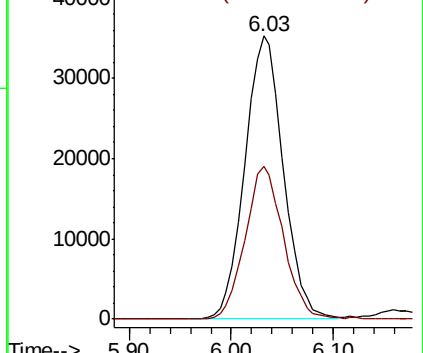
65 100

67 52.8 42.1 63.1



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

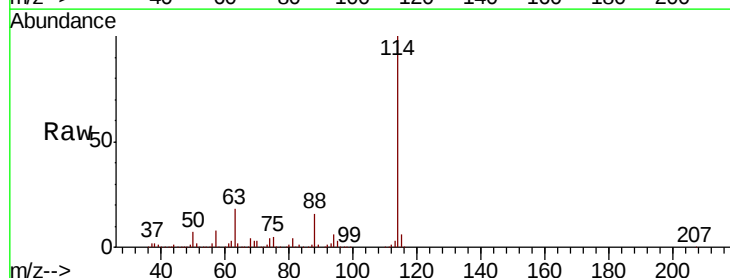
Tgt Ion: 114 Resp: 254982

Ion Ratio Lower Upper

114 100

63 18.8 14.6 21.8

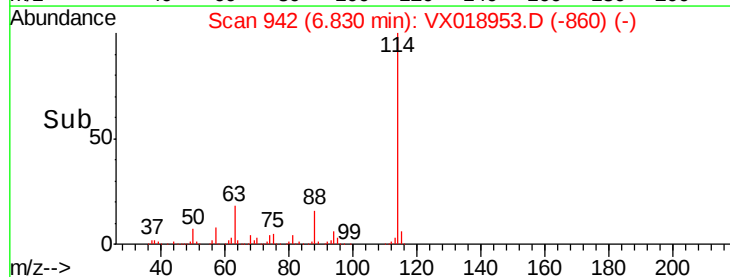
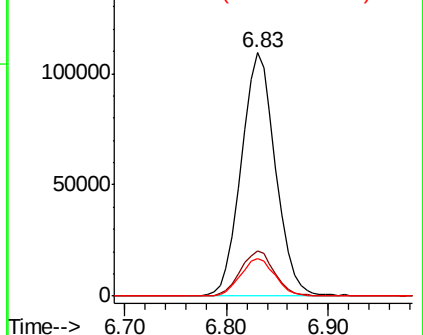
88 15.6 12.3 18.5

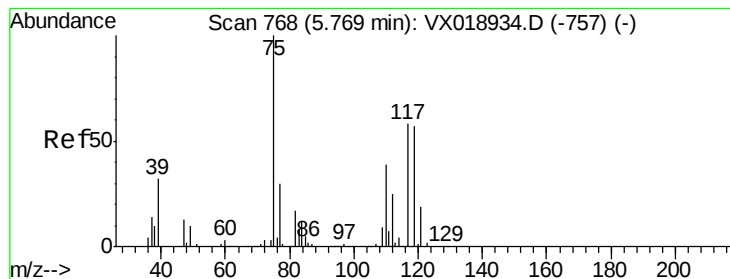


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 18.505 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

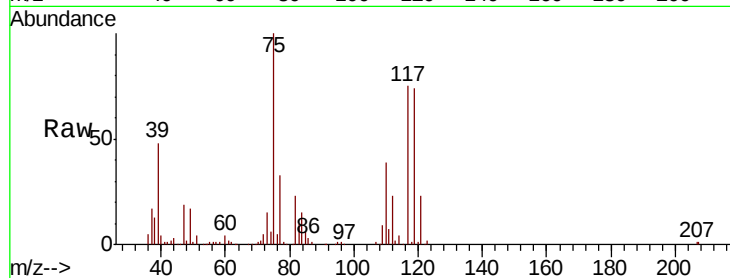
Tot Ion: 75 Resp: 68412

Ion Ratio Lower Upper

75 100

110 38.0 0.0 79.2

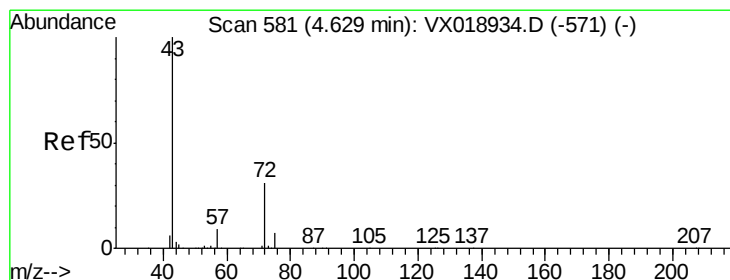
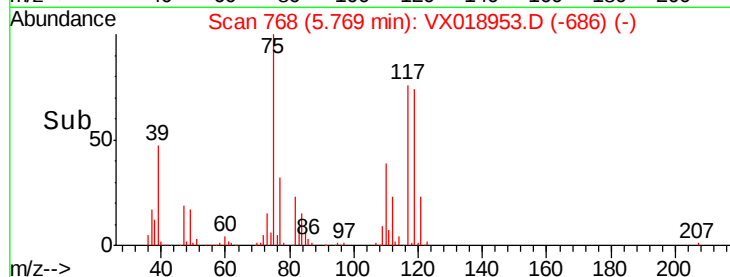
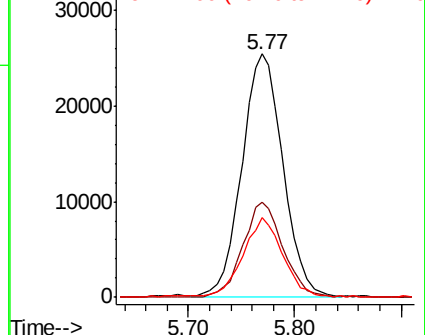
77 31.7 0.0 62.6



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 96.478 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

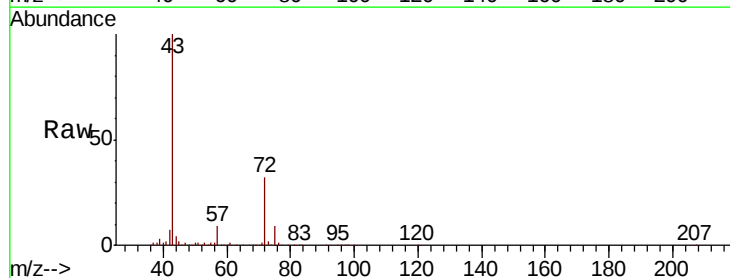
Tgt Ion: 43 Resp: 177737

Ion Ratio Lower Upper

43 100

57 9.1 7.0 10.6

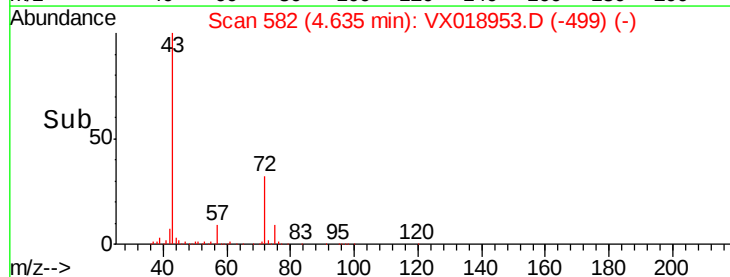
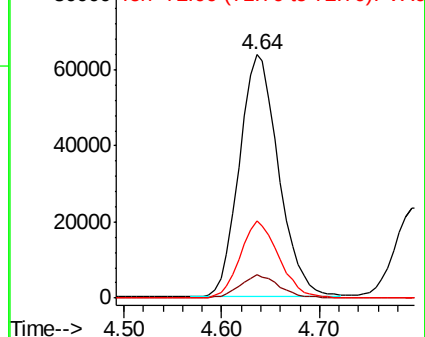
72 31.4 25.6 38.4

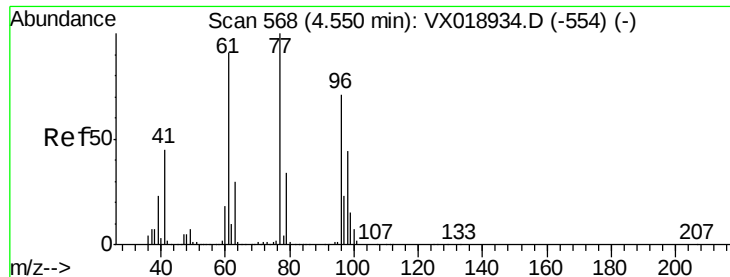


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#31

2,2-Dichloropropane

Concen: 15.233 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

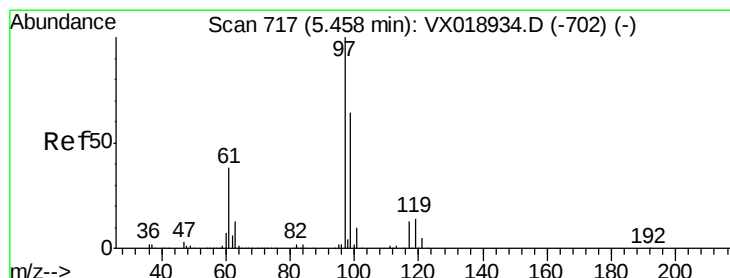
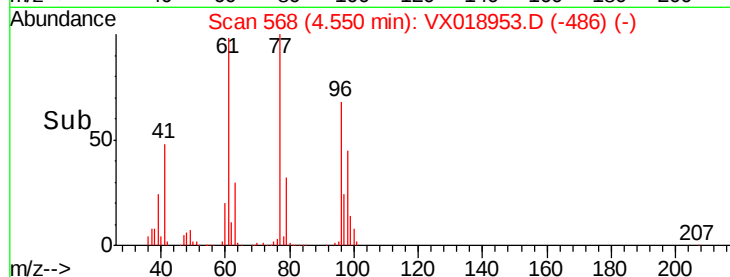
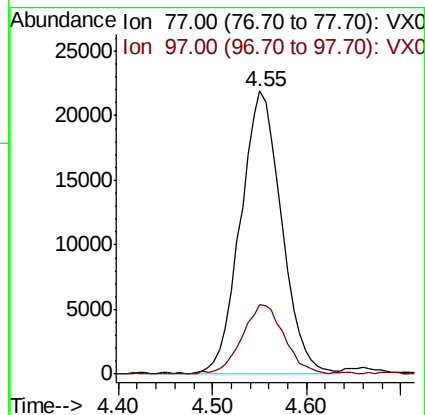
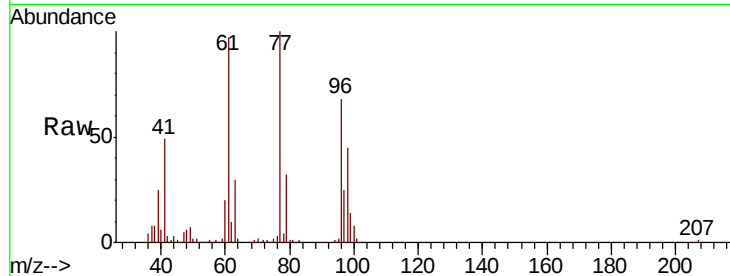
VSTDCCC020EC

Tot Ion: 77 Resp: 66339

Ion Ratio Lower Upper

77 100

97 25.1 19.0 28.6



#32

1,1,1-Trichloroethane

Concen: 18.736 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

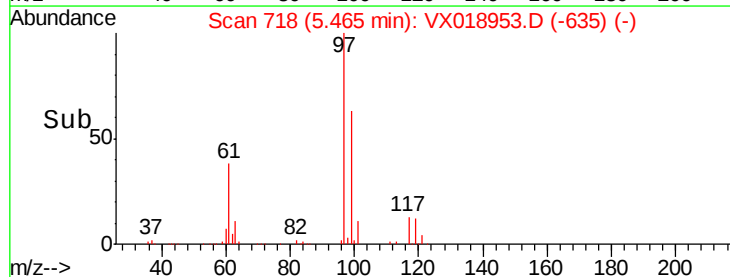
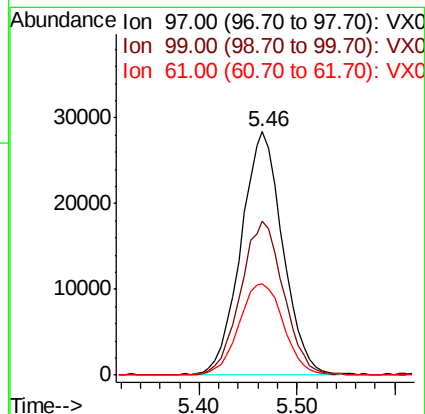
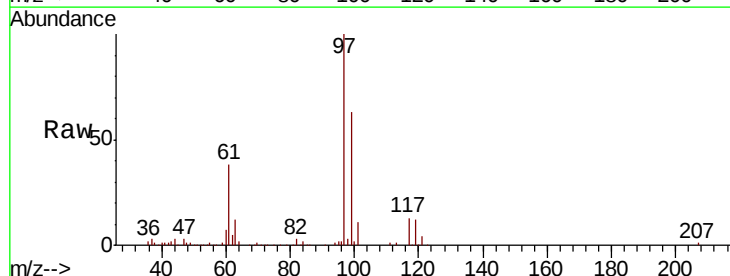
Tgt Ion: 97 Resp: 84067

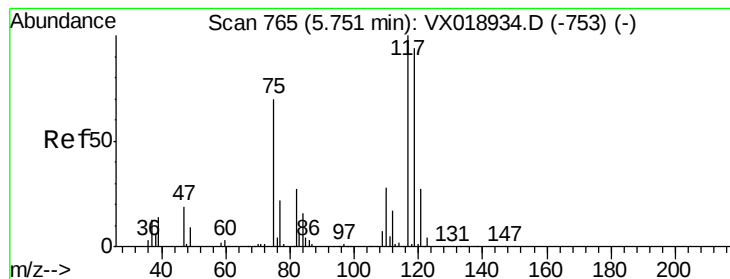
Ion Ratio Lower Upper

97 100

99 65.0 52.6 78.8

61 40.0 31.5 47.3





#33

Carbon Tetrachloride

Concen: 18.452 ug/l

RT: 5.76 min Scan# 766

Delta R.T. 0.01 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

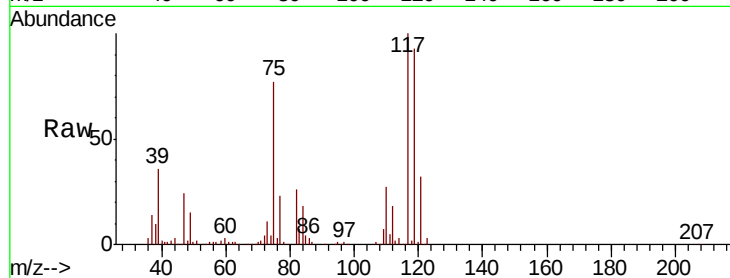
Tot Ion:117 Resp: 75879

Ion Ratio Lower Upper

117 100

119 92.7 75.0 112.4

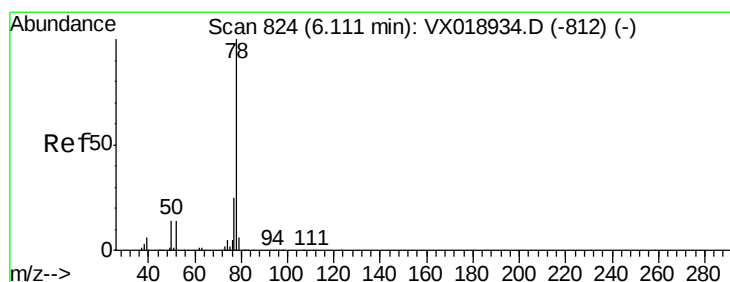
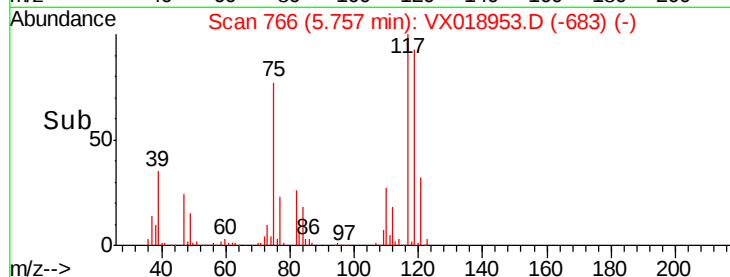
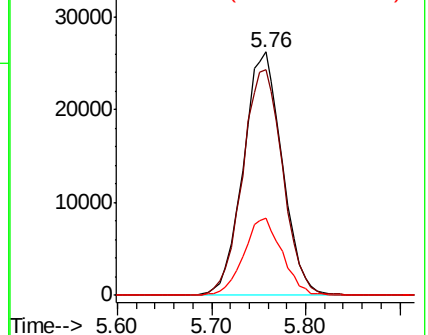
121 31.7 21.8 32.8



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.083 ug/l

RT: 6.11 min Scan# 824

Delta R.T. 0.00 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

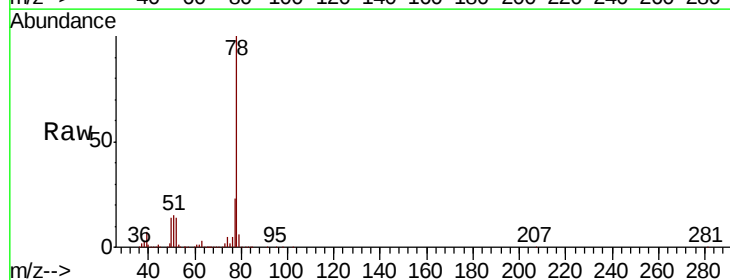
Tgt Ion: 78 Resp: 209075

Ion Ratio Lower Upper

78 100

77 22.9 19.7 29.5

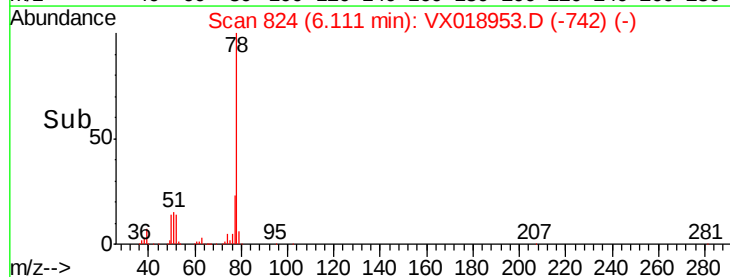
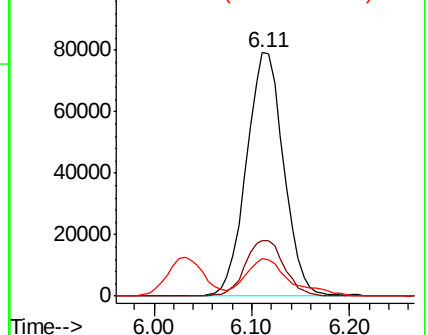
51 14.2 12.0 18.0

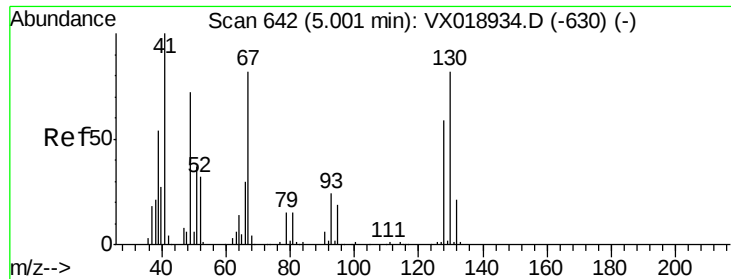


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

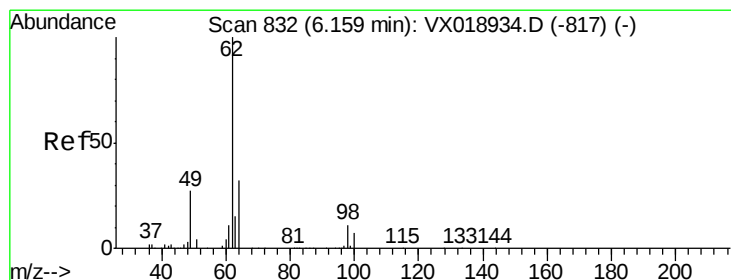
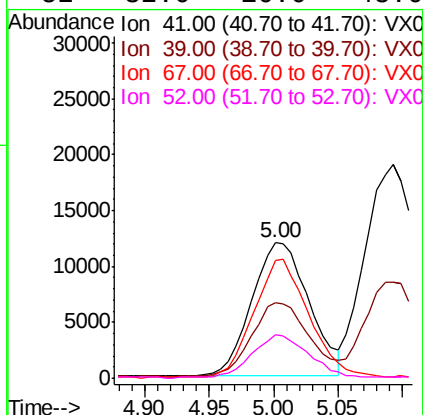
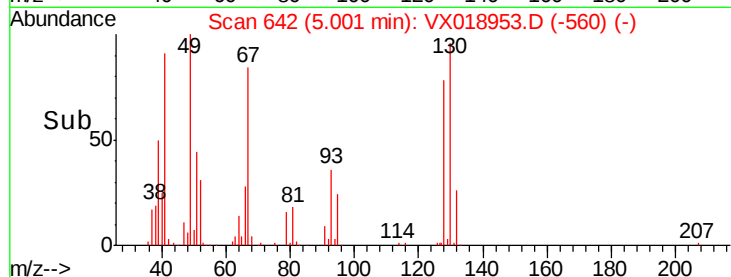
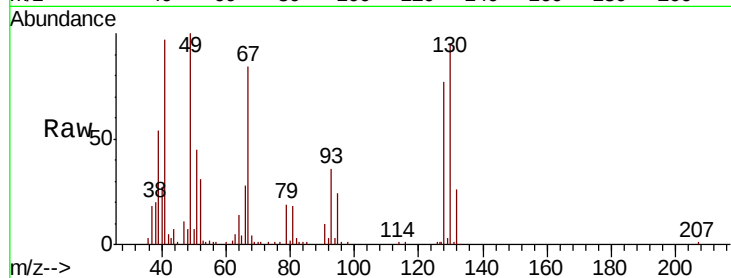




#35
Methacrylonitrile
Concen: 19.267 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

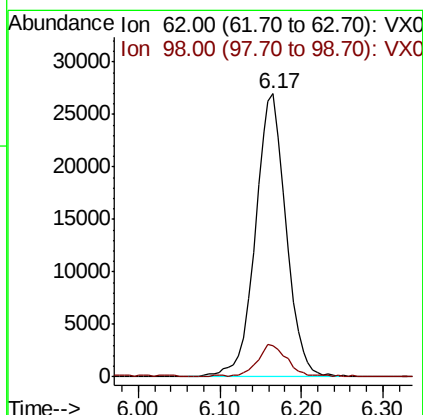
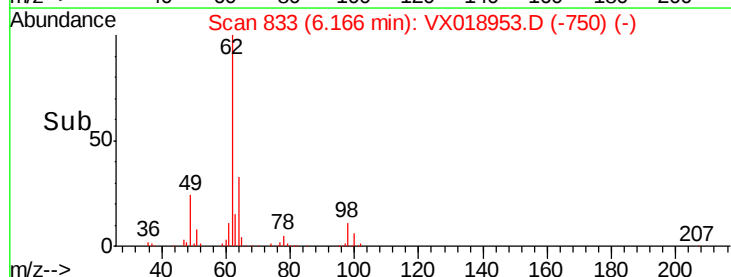
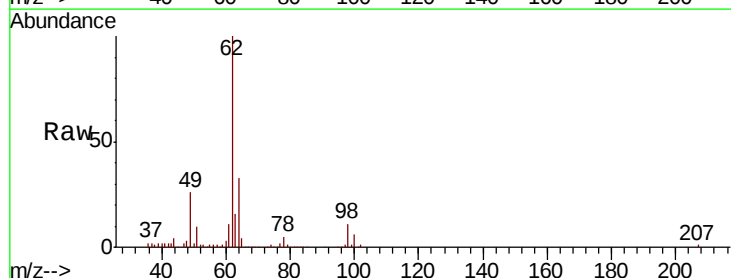
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

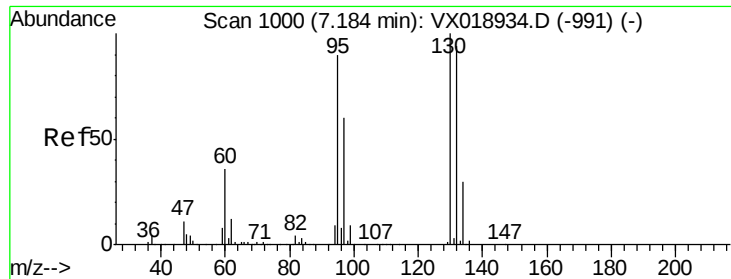
Tot Ion: 41 Resp: 36732
Ion Ratio Lower Upper
41 100
39 55.1 27.0 81.0
67 88.3 41.1 123.3
52 32.0 16.0 48.0



#36
1,2-Dichloroethane
Concen: 19.659 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

Tgt Ion: 62 Resp: 70802
Ion Ratio Lower Upper
62 100
98 11.0 8.9 13.3

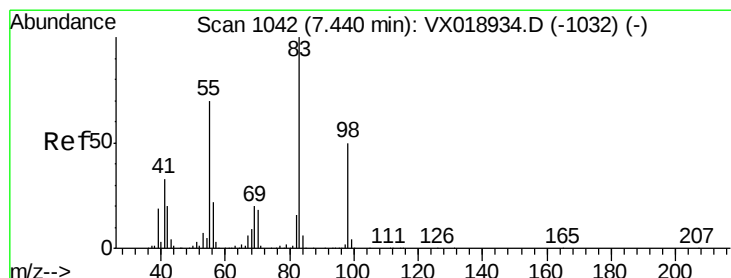
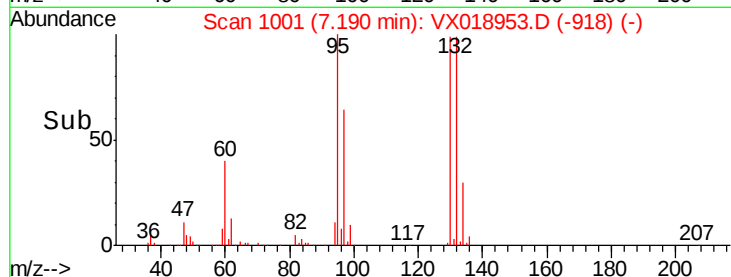
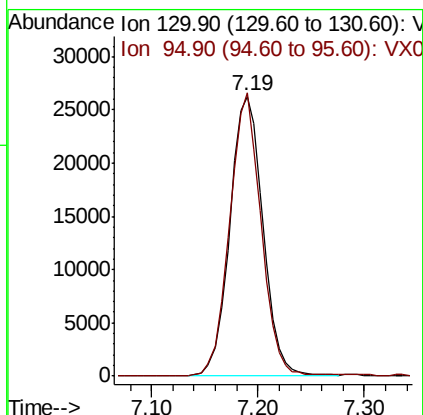
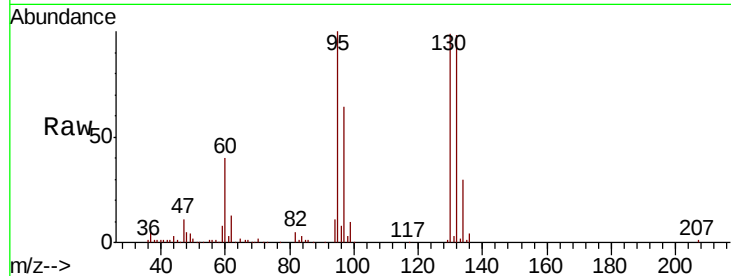




#37
 Trichloroethene
 Concen: 17.830 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: VX018953.D
 Acq: 15 Oct 2020 23:17

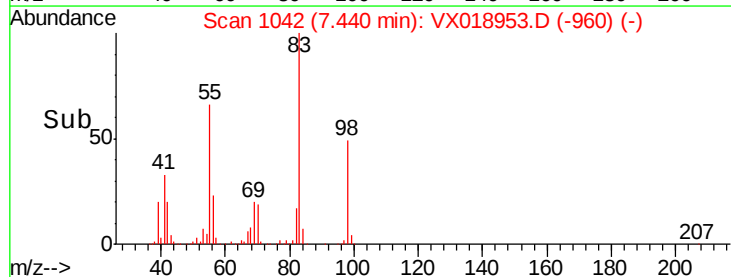
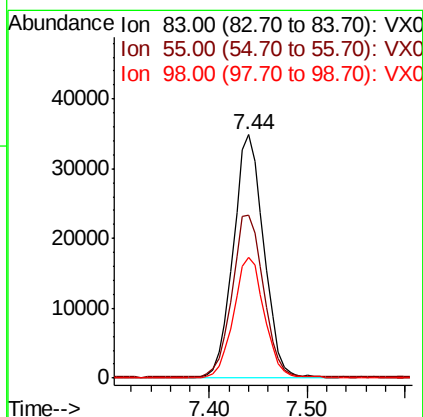
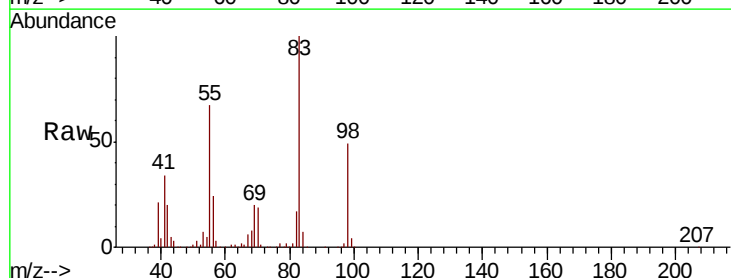
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

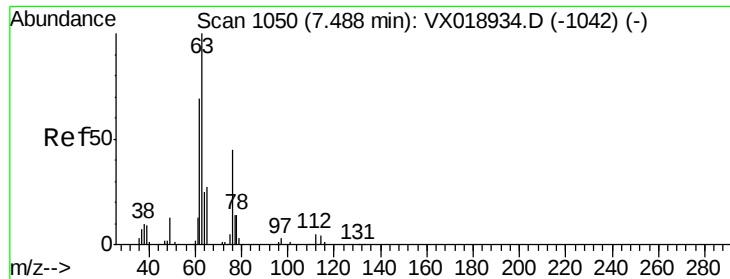
Tot Ion:130 Resp: 57327
 Ion Ratio Lower Upper
 130 100
 95 100.6 71.8 107.6



#38
 Methylcyclohexane
 Concen: 17.993 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: VX018953.D
 Acq: 15 Oct 2020 23:17

Tgt Ion: 83 Resp: 75838
 Ion Ratio Lower Upper
 83 100
 55 67.2 34.8 104.4
 98 49.3 25.8 77.4





#39

1,2-Dichloropropane

Concen: 19.011 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

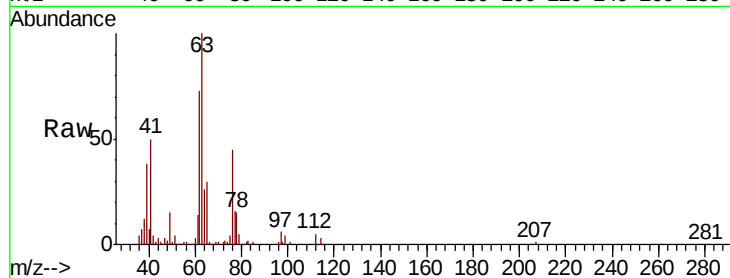
VSTDCCC020EC

Tot Ion: 63 Resp: 50944

Ion Ratio Lower Upper

63 100

65 29.7 23.0 34.6



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0

7.49

25000

20000

15000

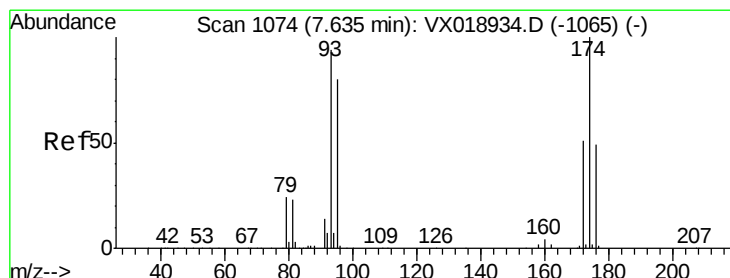
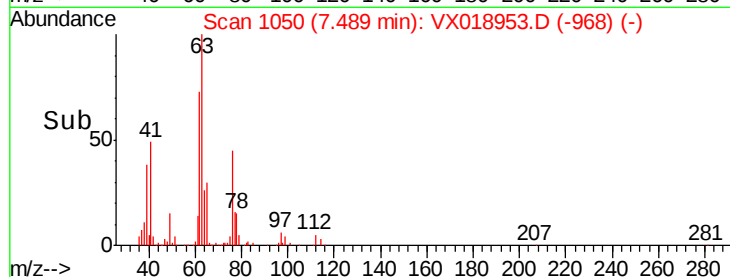
10000

5000

0

Time-->

7.40 7.45 7.50 7.55



#40

Dibromomethane

Concen: 18.716 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

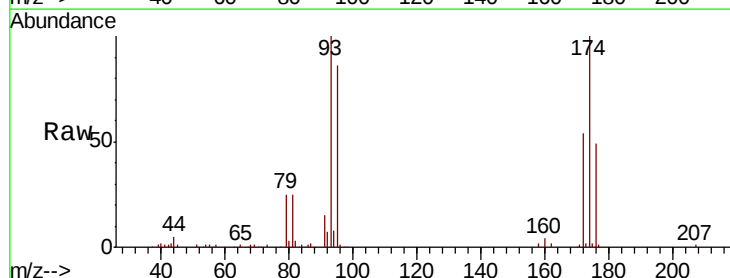
Tgt Ion: 93 Resp: 36839

Ion Ratio Lower Upper

93 100

95 85.6 0.0 164.0

174 103.9 0.0 214.6



Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V

25000

20000

15000

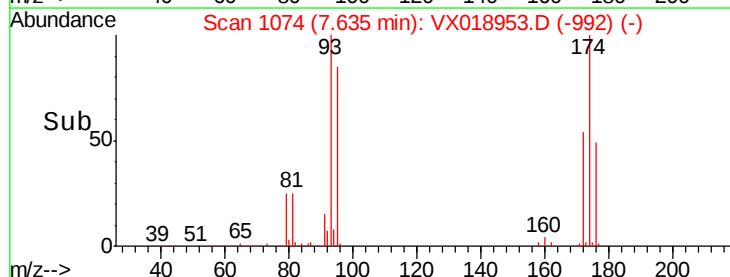
10000

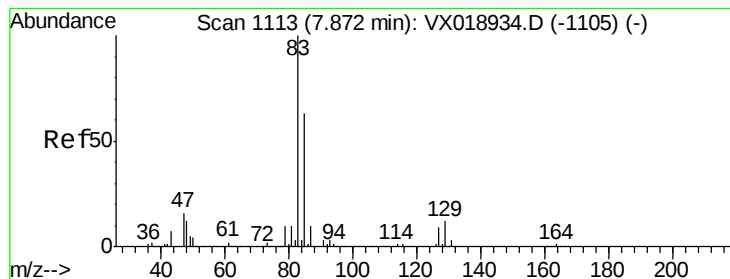
5000

0

Time-->

7.55 7.60 7.65 7.70





#41

Bromodichloromethane

Concen: 19.176 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

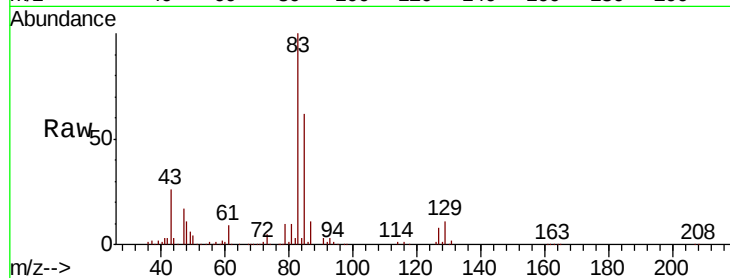
Tot Ion: 83 Resp: 76828

Ion Ratio Lower Upper

83 100

85 61.8 50.4 75.6

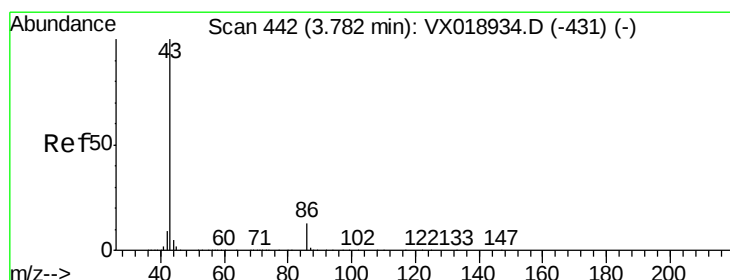
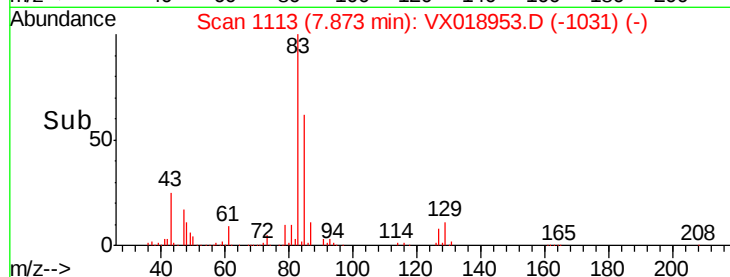
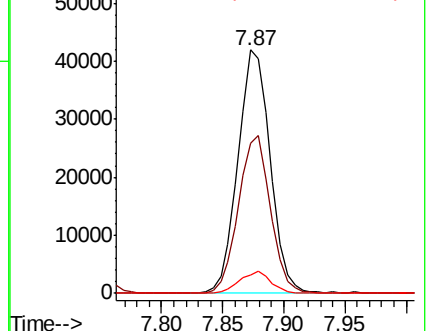
127 7.8 7.5 11.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 95.322 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.01 min

Lab File: VX018953.D

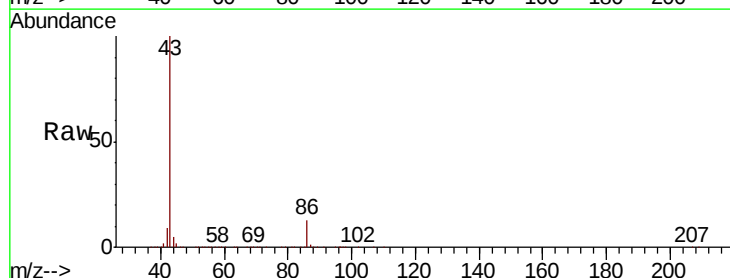
Acq: 15 Oct 2020 23:17

Tgt Ion: 43 Resp: 628995

Ion Ratio Lower Upper

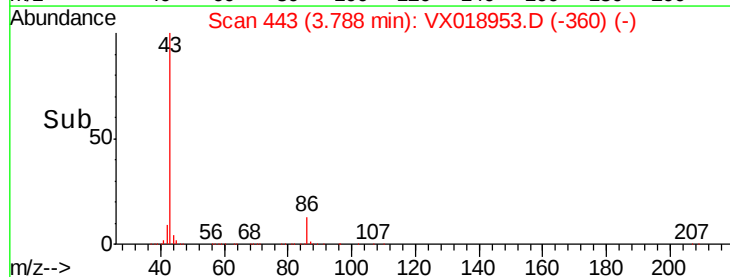
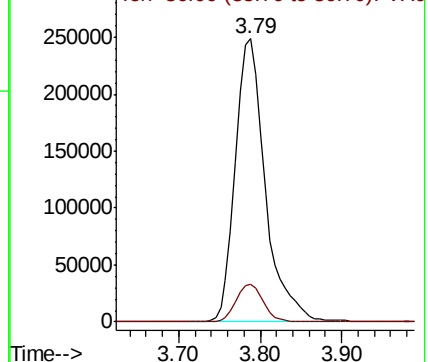
43 100

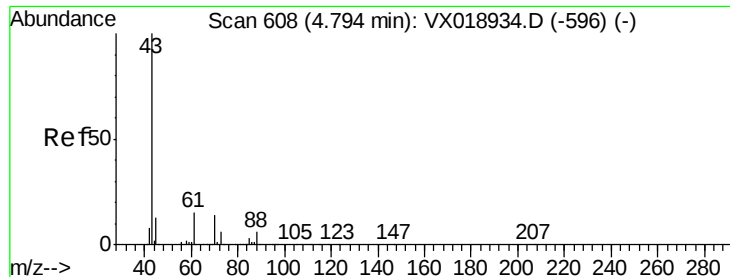
86 12.1 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

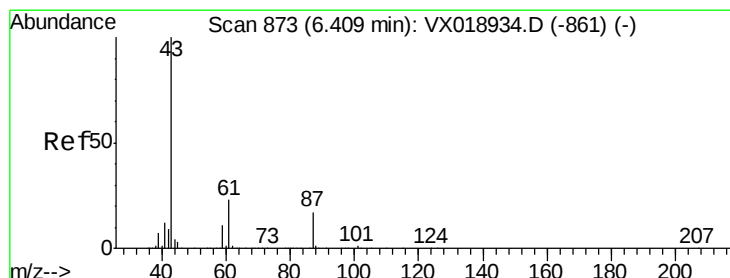
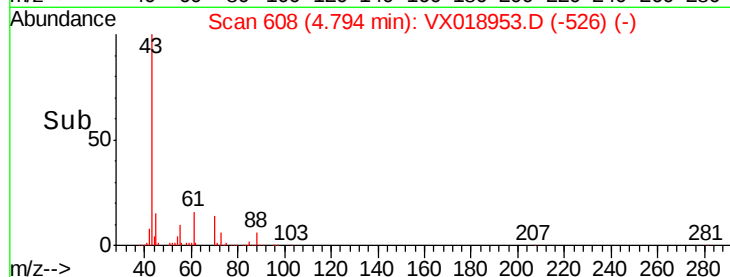
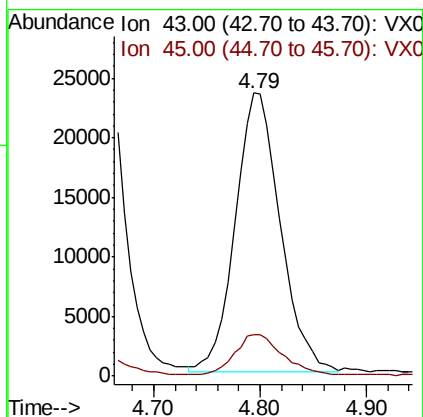
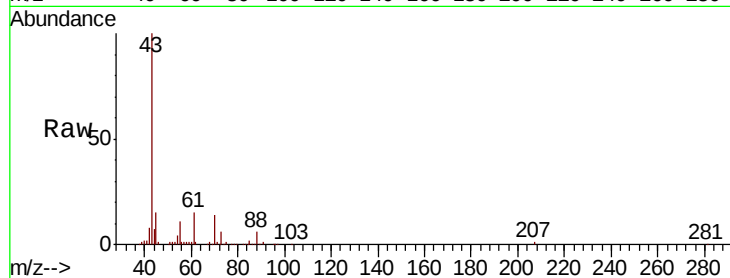




#43
Ethyl Acetate
Concen: 18.160 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

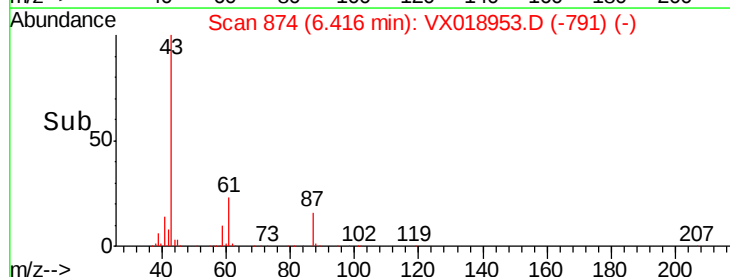
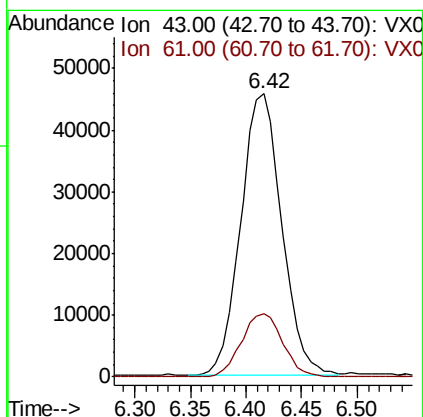
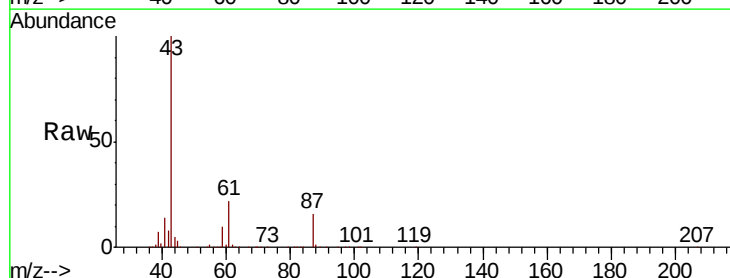
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

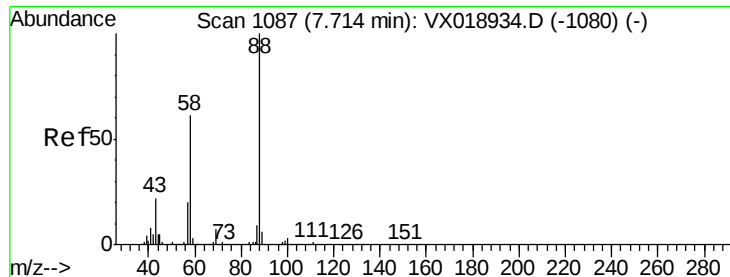
Tot Ion: 43 Resp: 69240
Ion Ratio Lower Upper
43 100
45 15.4 11.5 17.3



#44
Isopropyl Acetate
Concen: 19.118 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.01 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

Tgt Ion: 43 Resp: 117052
Ion Ratio Lower Upper
43 100
61 22.7 0.0 0.0#





#45

1,4-Dioxane

Concen: 378.186 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

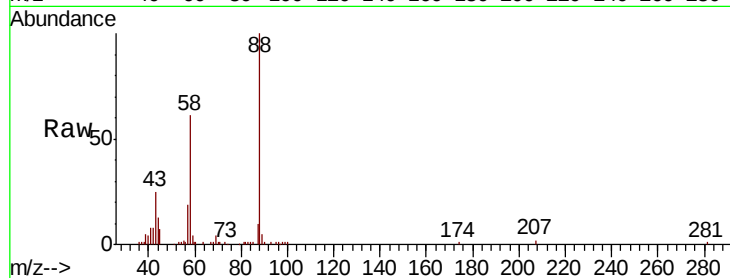
Tot Ion: 88 Resp: 24712

Ion Ratio Lower Upper

88 100

43 26.6 22.1 33.1

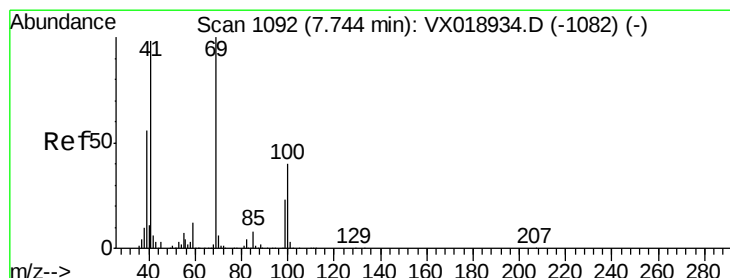
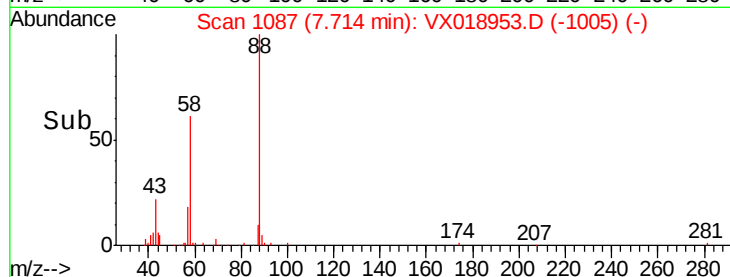
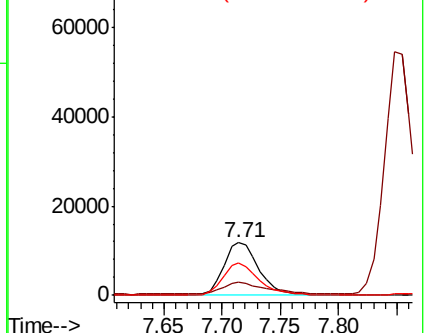
58 62.4 52.1 78.1



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 19.137 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

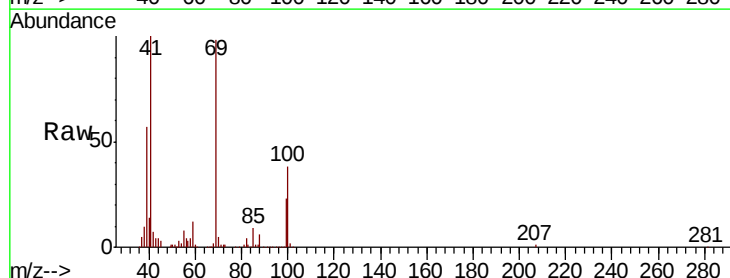
Tgt Ion: 41 Resp: 54476

Ion Ratio Lower Upper

41 100

69 98.3 50.8 152.5

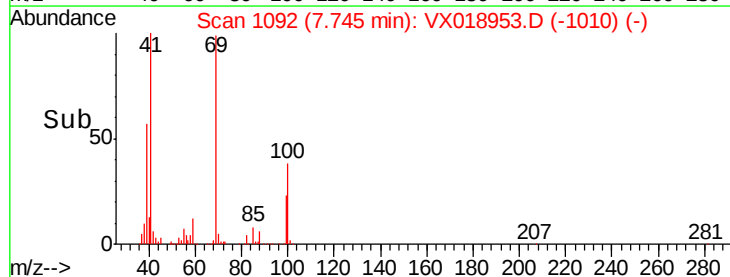
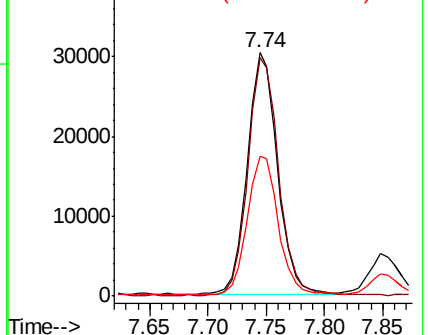
39 57.4 28.5 85.6

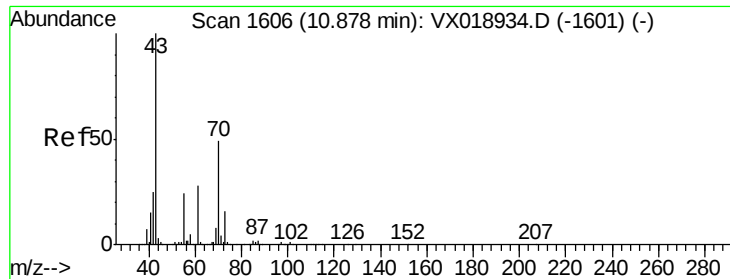


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amyl Acetate

Concen: 18.436 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

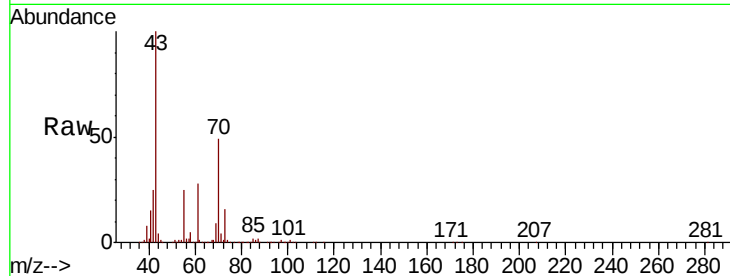
VSTDCCC020EC

Tot Ion: 43 Resp: 94282

Ion Ratio Lower Upper

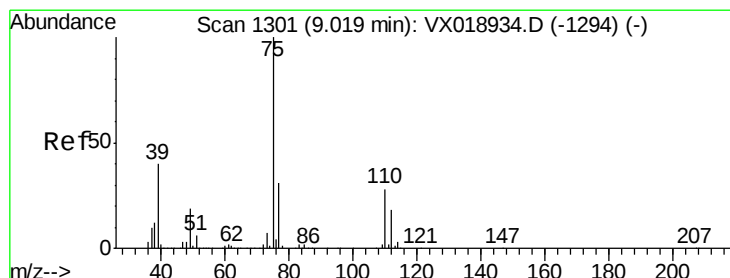
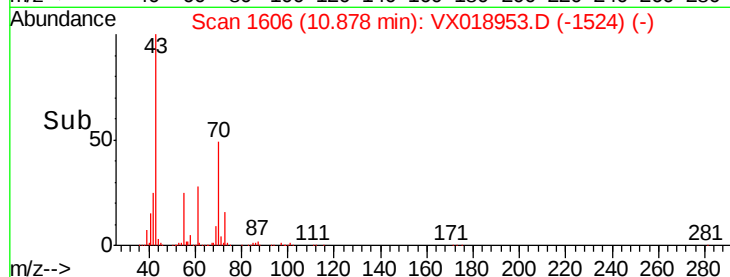
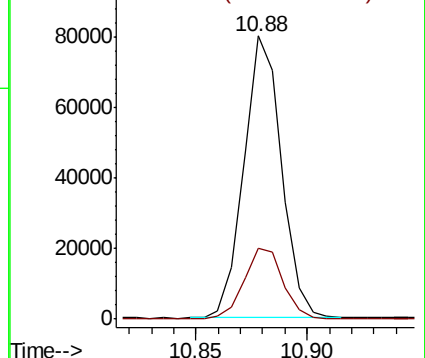
43 100

55 25.5 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 18.271 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.01 min

Lab File: VX018953.D

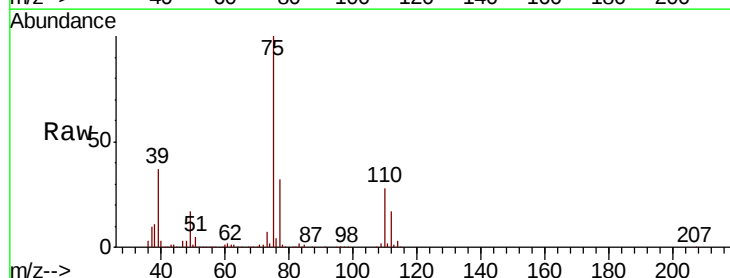
Acq: 15 Oct 2020 23:17

Tgt Ion: 75 Resp: 83591

Ion Ratio Lower Upper

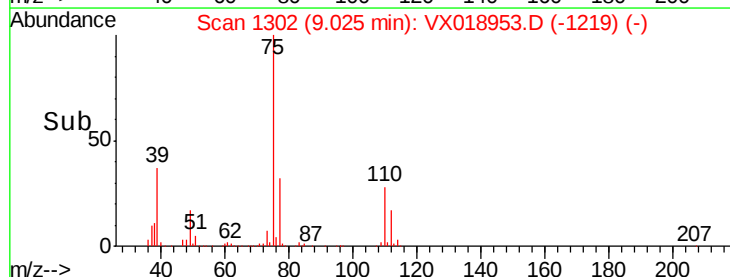
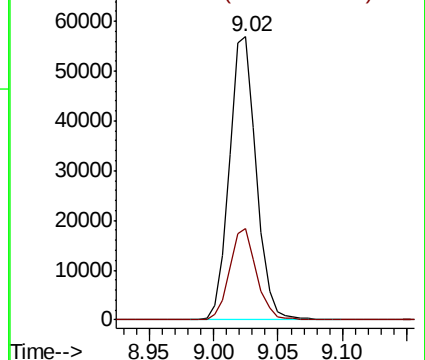
75 100

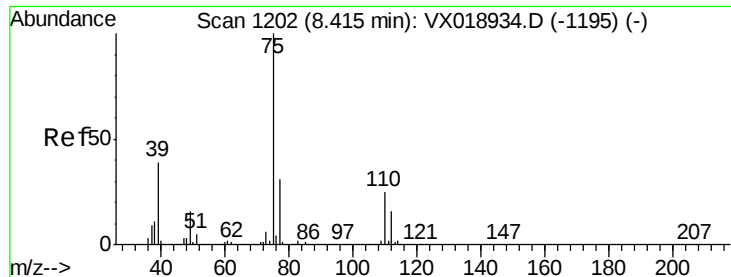
77 32.4 24.6 36.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



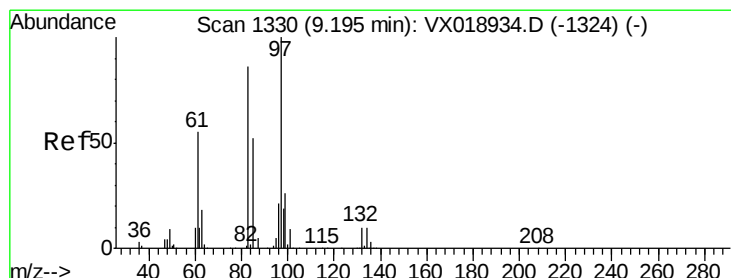
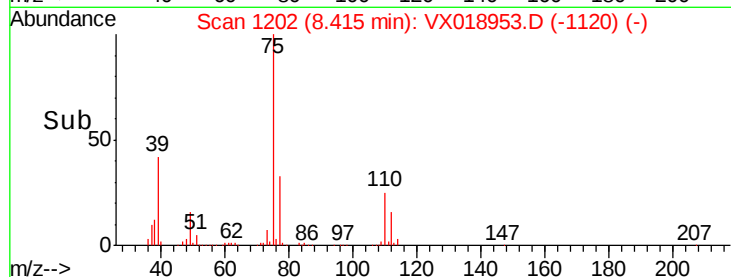
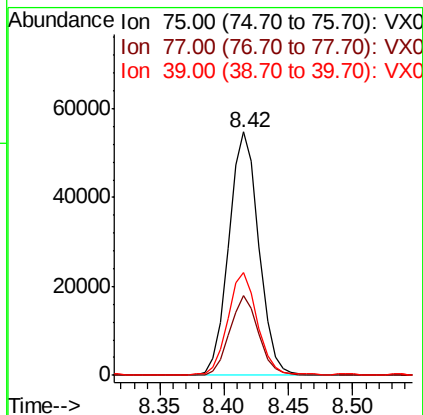
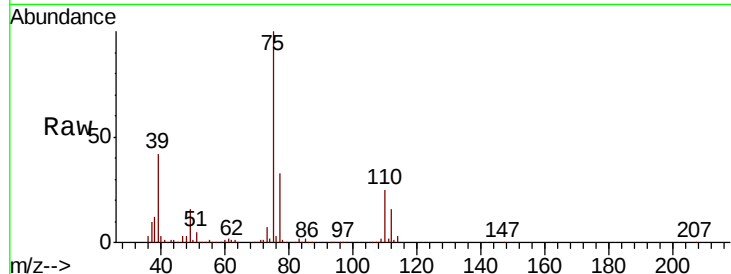


#49

cis-1,3-Dichloropropene
 Concen: 18.351 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX018953.D
 Acq: 15 Oct 2020 23:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

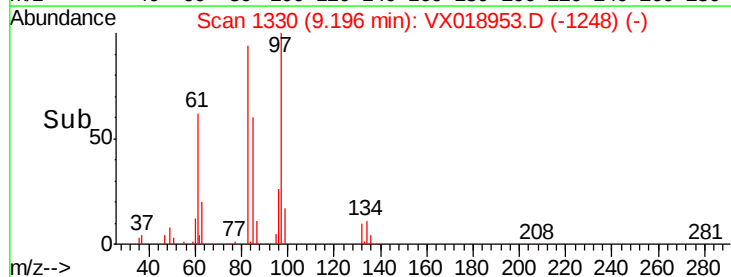
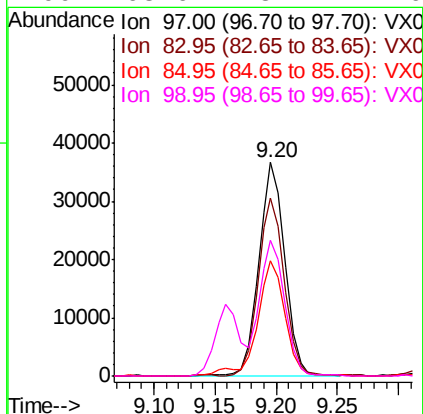
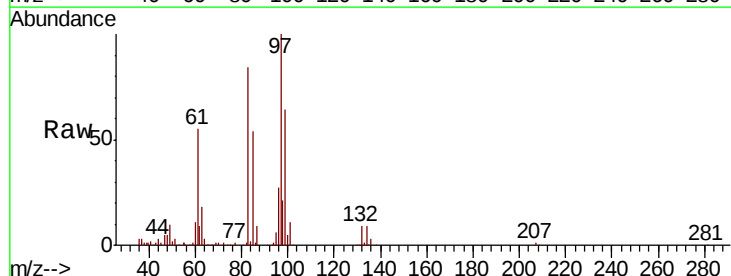
Tot Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.1	37.7
39	41.6	31.5	47.3

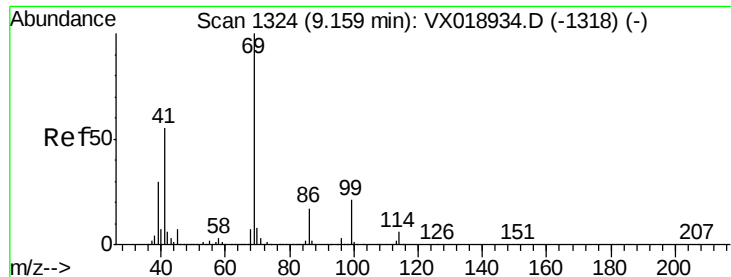


#50

1,1,2-Trichloroethane
 Concen: 19.227 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018953.D
 Acq: 15 Oct 2020 23:17

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.6	68.0	102.0
85	54.2	43.8	65.8
99	63.6	48.4	72.6

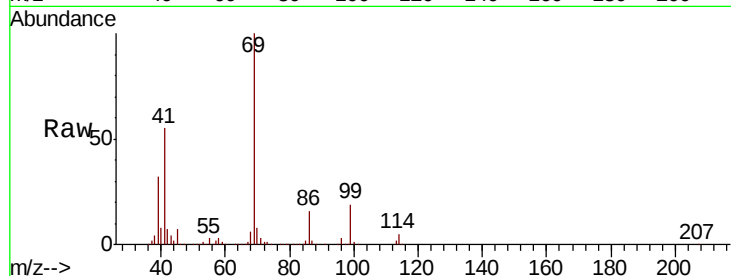




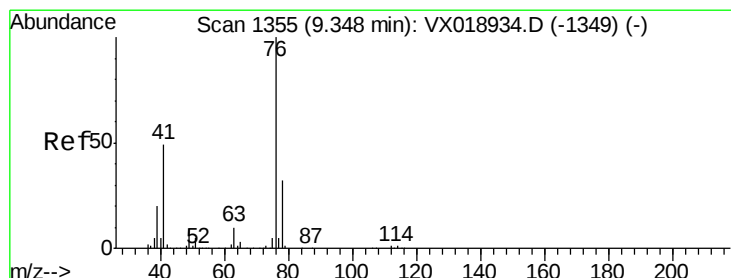
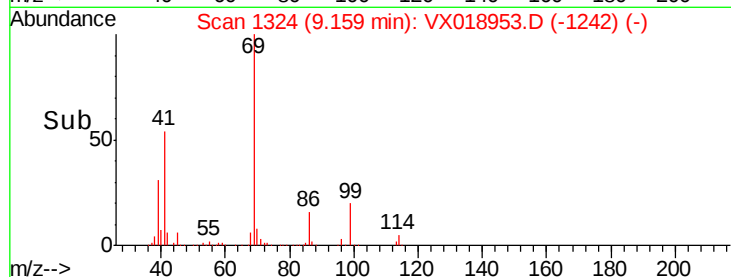
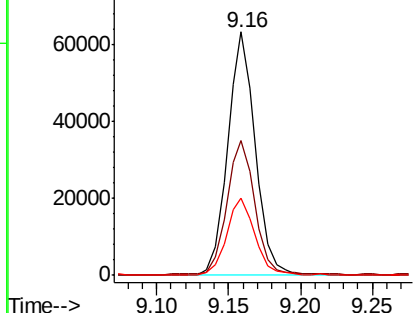
#51
Ethyl methacrylate
Concen: 18.966 ug/l
RT: 9.16 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 69 Resp: 84311
Ion Ratio Lower Upper
69 100
41 55.1 27.6 82.8
39 31.7 15.0 45.0

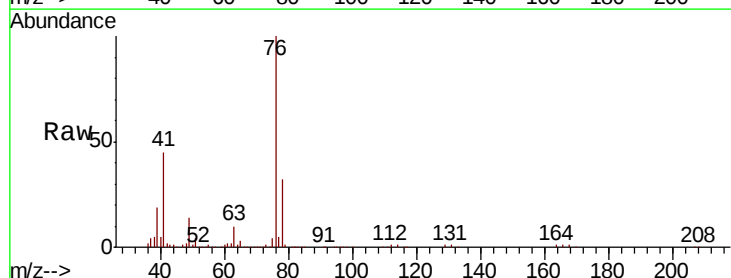


Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

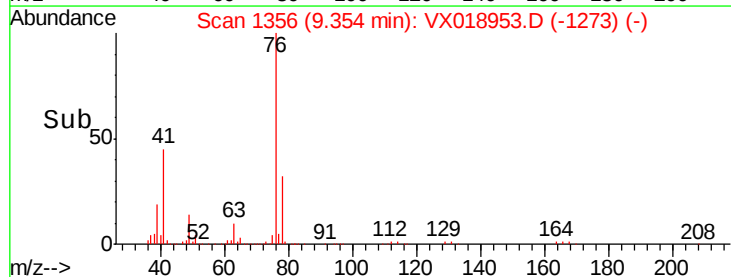
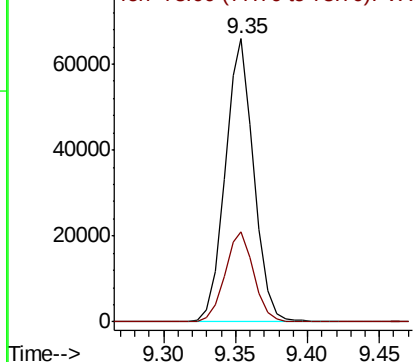


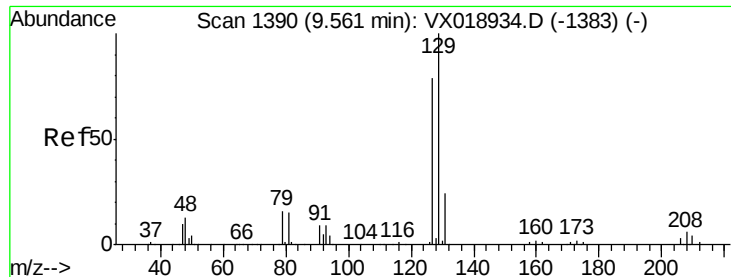
#52
1,3-Dichloropropane
Concen: 19.629 ug/l
RT: 9.35 min Scan# 1356
Delta R.T. 0.01 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

Tgt Ion: 76 Resp: 91486
Ion Ratio Lower Upper
76 100
78 32.3 0.0 65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0
Ion 78.00 (77.70 to 78.70): VX0

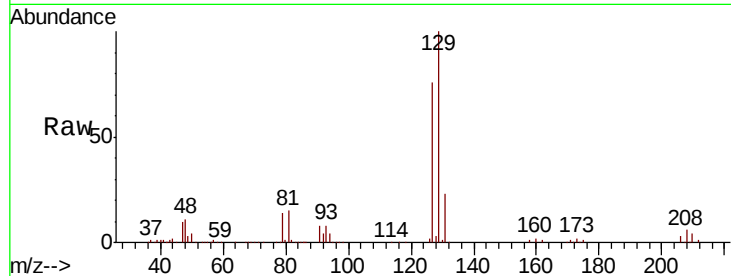




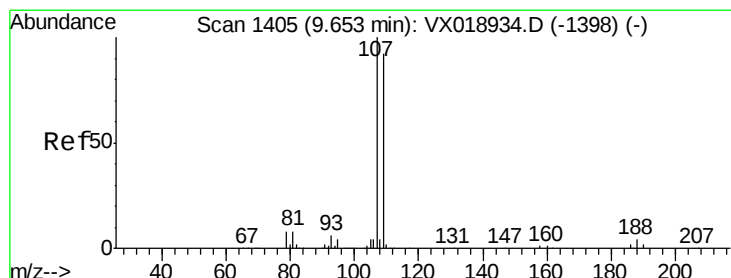
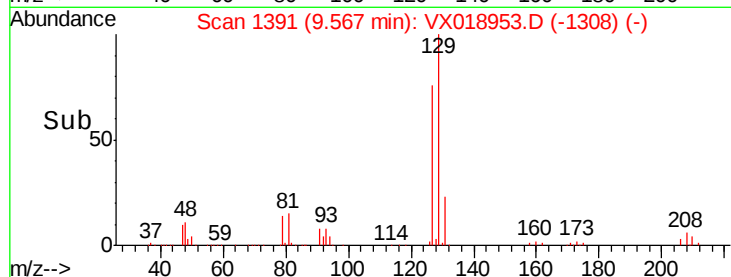
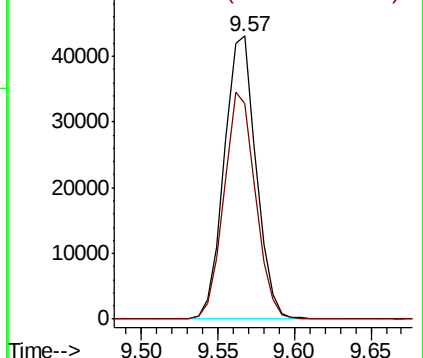
#53
Dibromochloromethane
Concen: 18.553 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.01 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:129 Resp: 62330
Ion Ratio Lower Upper
129 100
127 79.2 38.7 116.1

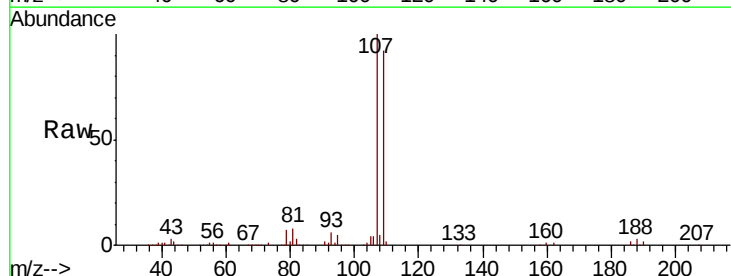


Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V

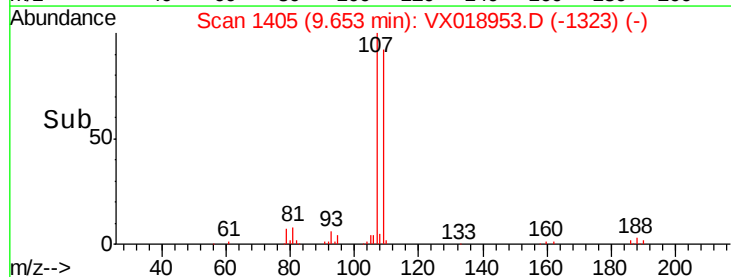
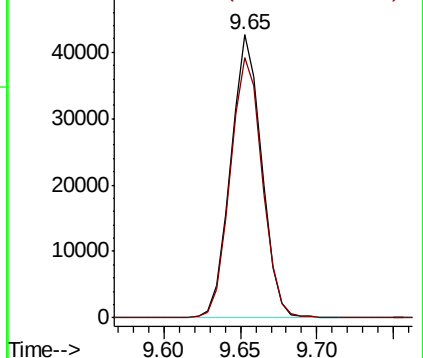


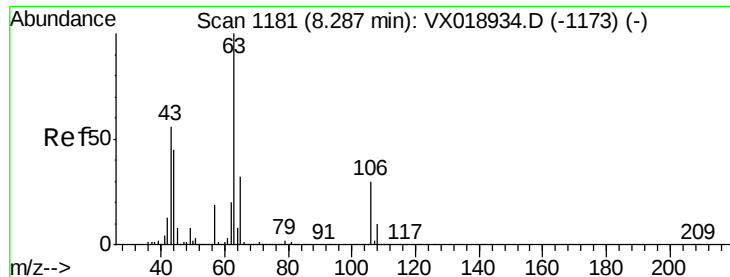
#54
1,2-Dibromoethane
Concen: 19.239 ug/l
RT: 9.65 min Scan# 1405
Delta R.T. 0.00 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

Tgt Ion:107 Resp: 59735
Ion Ratio Lower Upper
107 100
109 94.8 75.1 112.7



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: 93.783 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

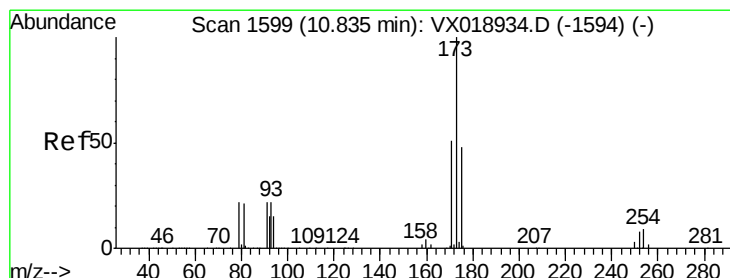
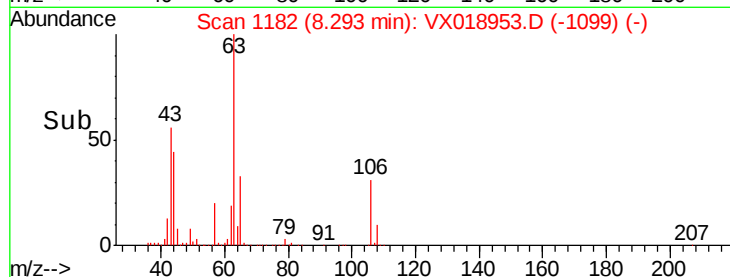
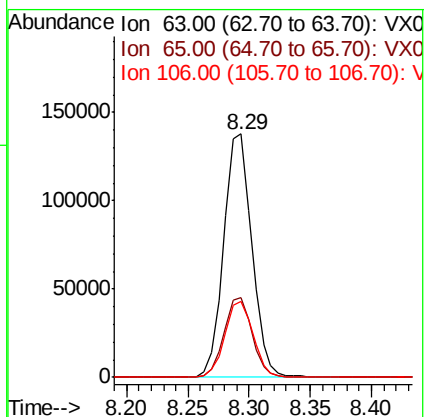
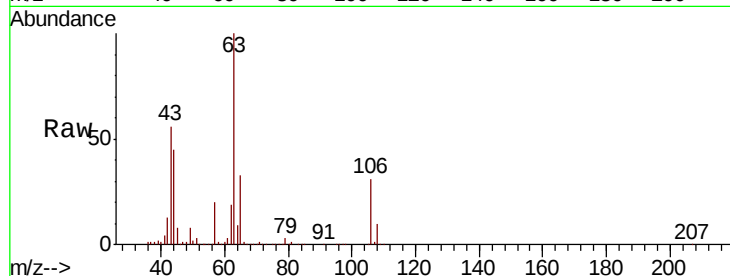
Tot Ion: 63 Resp: 219925

Ion Ratio Lower Upper

63 100

65 32.7 25.8 38.6

106 31.4 25.3 37.9



#56

Bromoform

Concen: 17.676 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

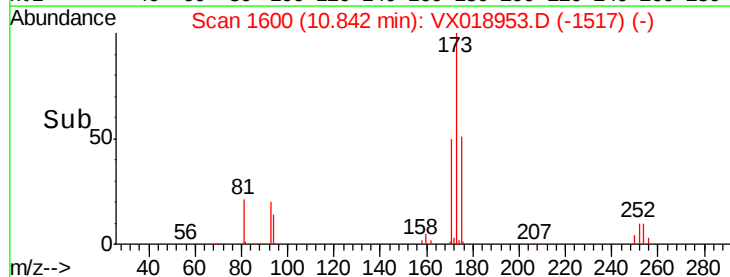
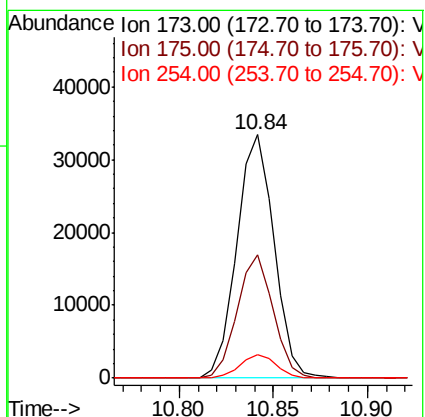
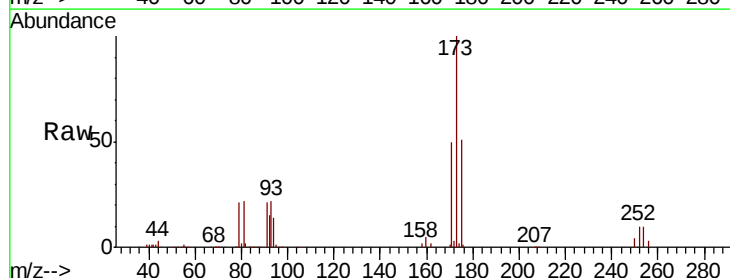
Tgt Ion: 173 Resp: 45841

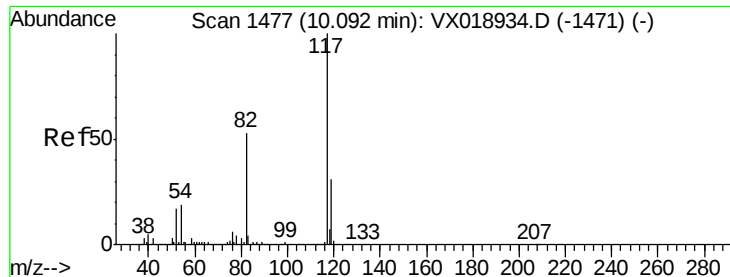
Ion Ratio Lower Upper

173 100

175 48.8 39.2 58.8

254 9.2 7.5 11.3

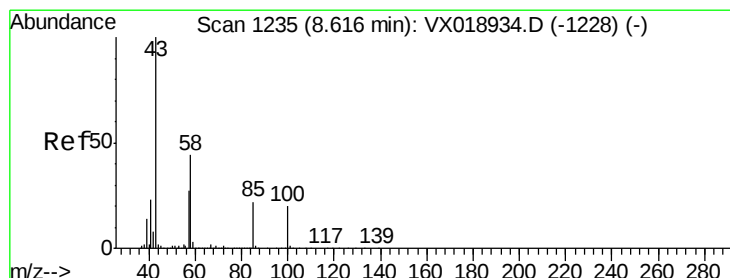
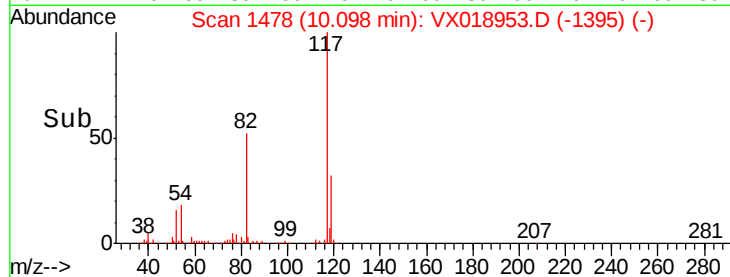
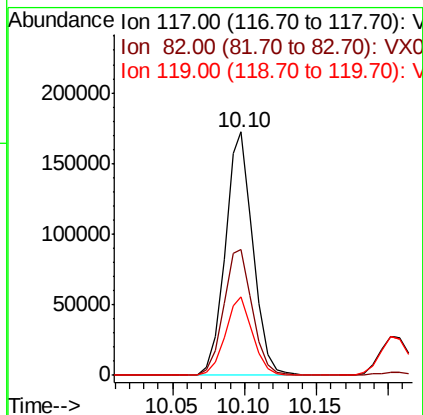
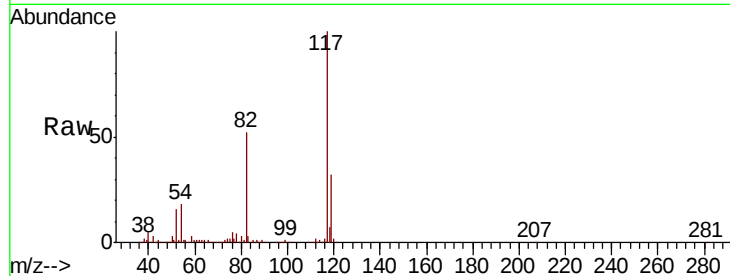




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

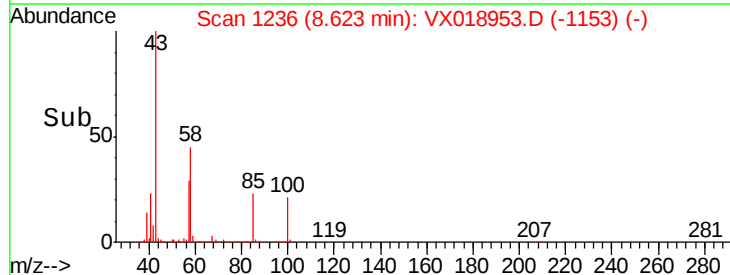
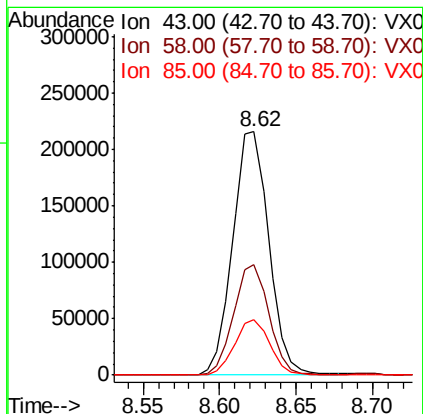
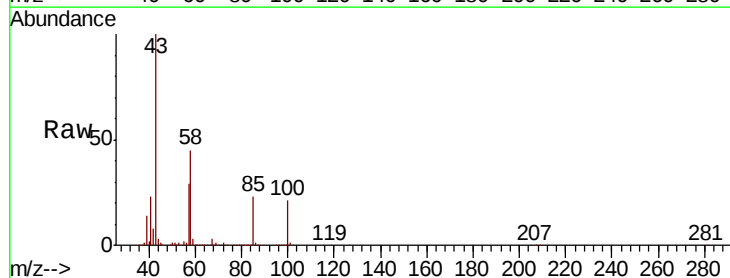
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

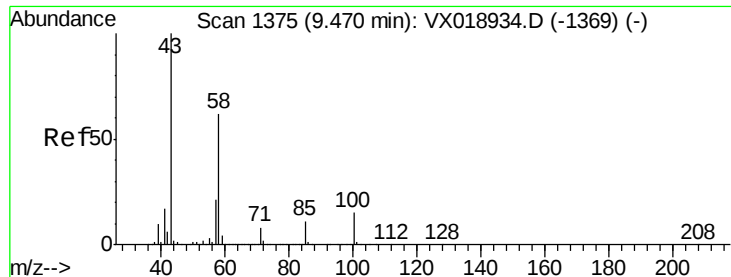
Tot Ion:117 Resp: 230680
Ion Ratio Lower Upper
117 100
82 53.8 41.6 62.4
119 31.9 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 95.559 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

Tgt Ion: 43 Resp: 351758
Ion Ratio Lower Upper
43 100
58 44.7 35.4 53.2
85 22.5 18.0 27.0

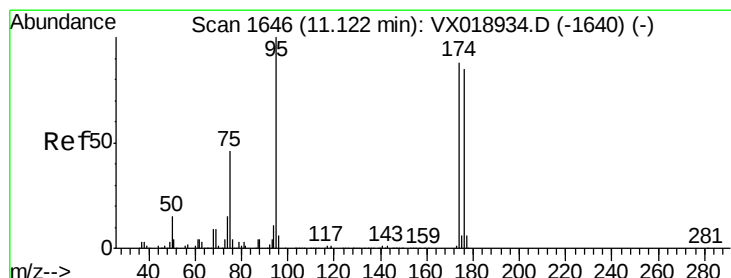
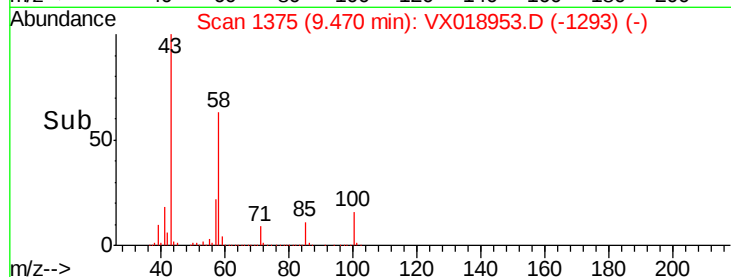
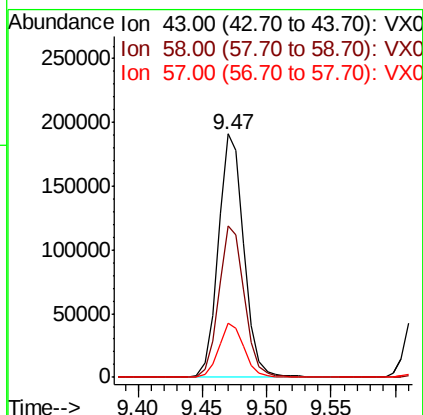
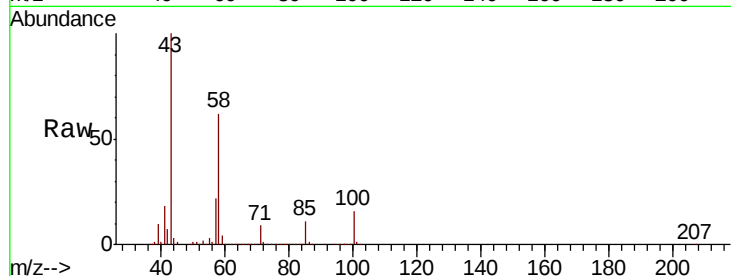




#59
2-Hexanone
Concen: 94.312 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

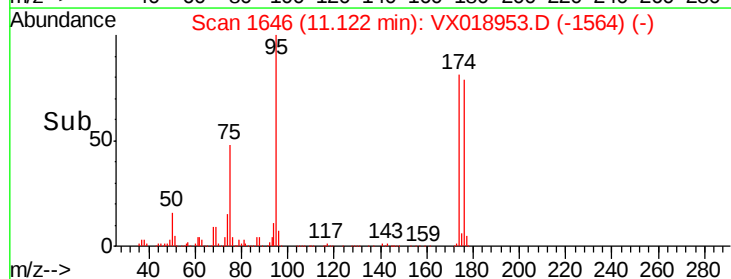
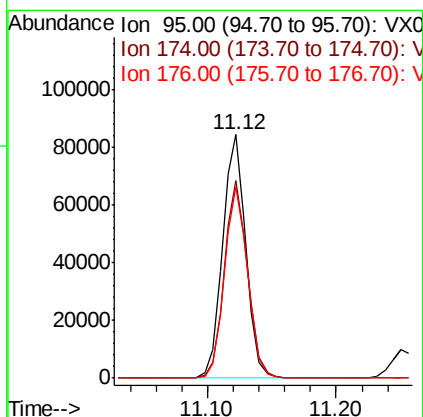
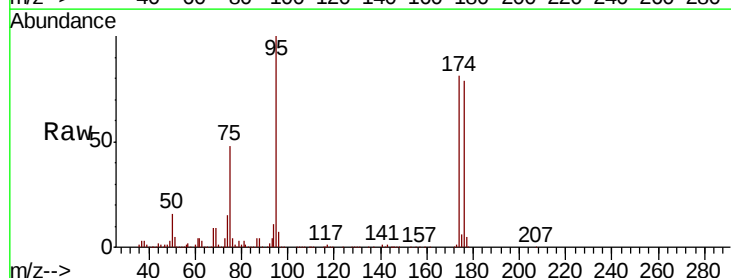
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

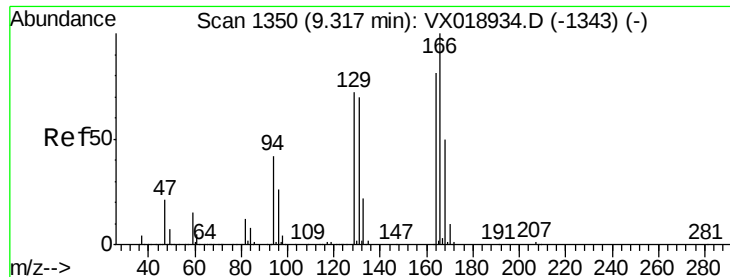
Tot Ion: 43 Resp: 265825
Ion Ratio Lower Upper
43 100
58 62.3 49.7 74.5
57 21.8 16.9 25.3



#60
4-Bromofluorobenzene
Concen: 29.671 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

Tgt Ion: 95 Resp: 106561
Ion Ratio Lower Upper
95 100
174 81.4 67.0 100.4
176 79.0 64.5 96.7





#61

Tetrachloroethene

Concen: 18.000 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:164 Resp: 51059

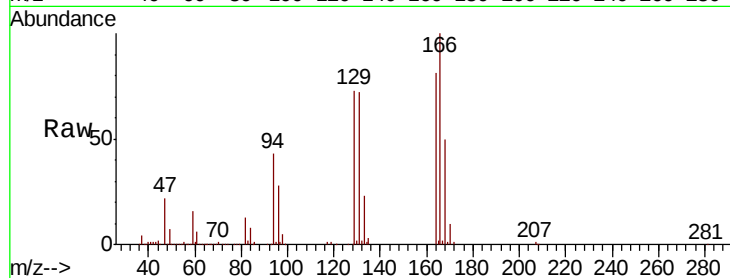
Ion Ratio Lower Upper

164 100

166 123.8 99.4 149.0

129 90.7 71.8 107.6

131 88.9 69.8 104.6

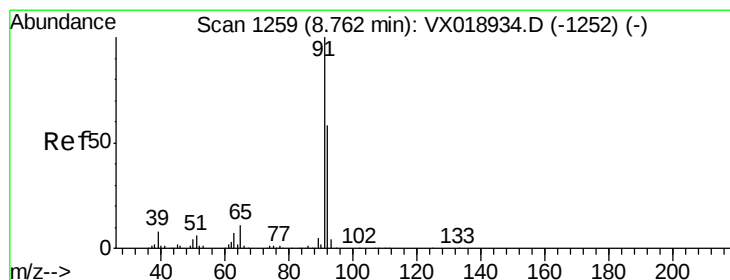
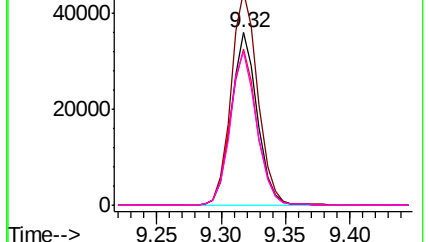
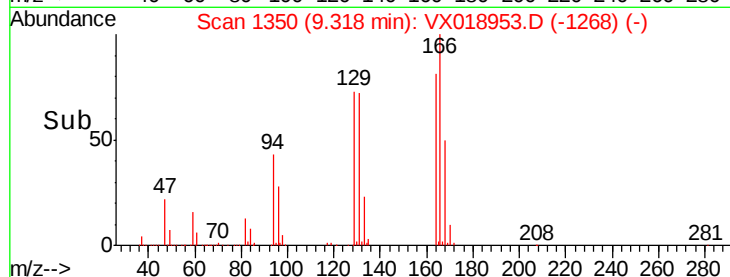


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 18.924 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX018953.D

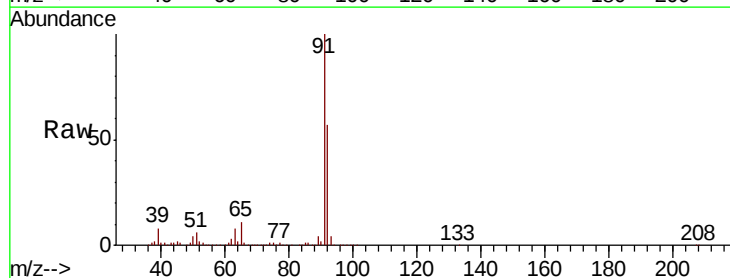
Acq: 15 Oct 2020 23:17

Tgt Ion: 91 Resp: 233908

Ion Ratio Lower Upper

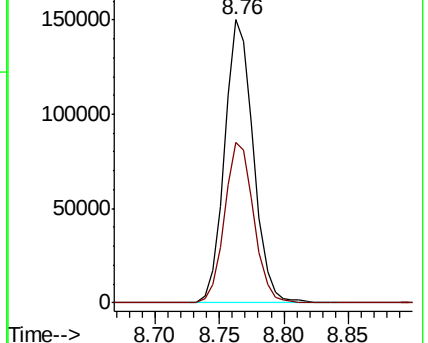
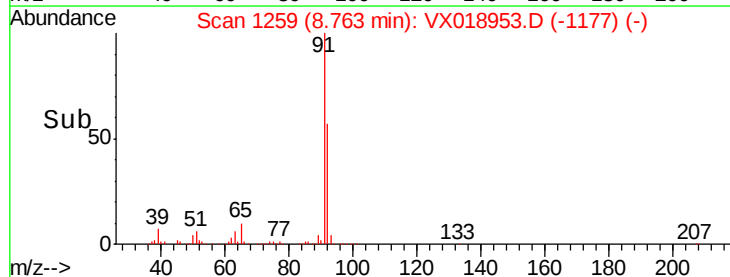
91 100

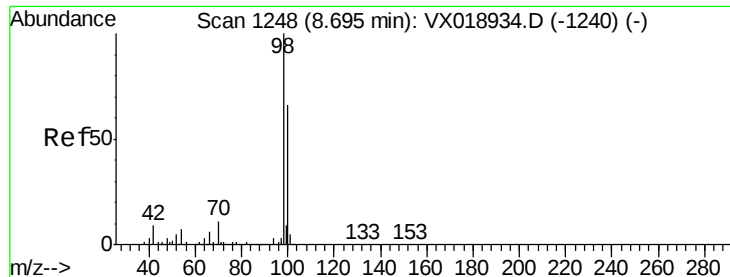
92 57.8 47.1 70.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.507 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

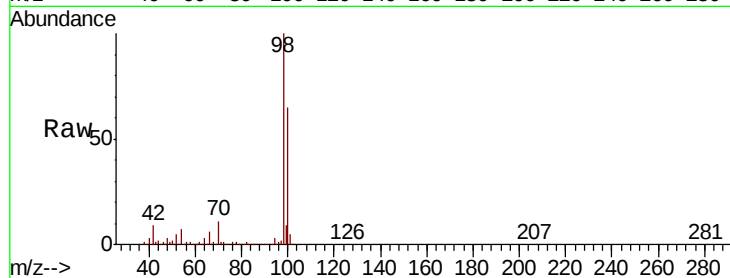
VSTDCCC020EC

Tot Ion: 98 Resp: 307426

Ion Ratio Lower Upper

98 100

100 66.5 53.2 79.8



Abundance Ion 98.00 (97.70 to 98.70): VX018934.D (-1240) (-)

Ion 100.00 (99.70 to 100.70): VX018934.D (-1240) (-)

8.70

200000

150000

100000

50000

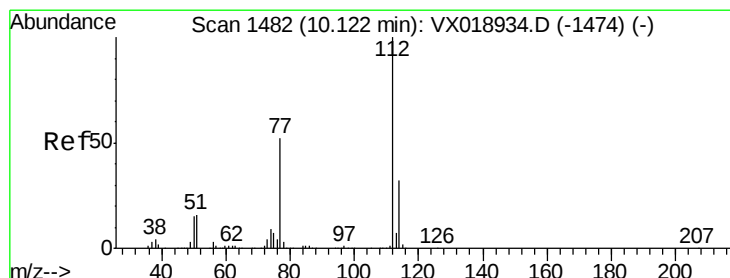
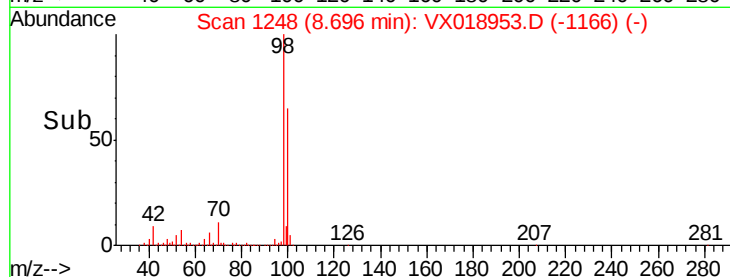
0

8.60

8.70

8.80

Time-->



#64

Chlorobenzene

Concen: 18.592 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018953.D

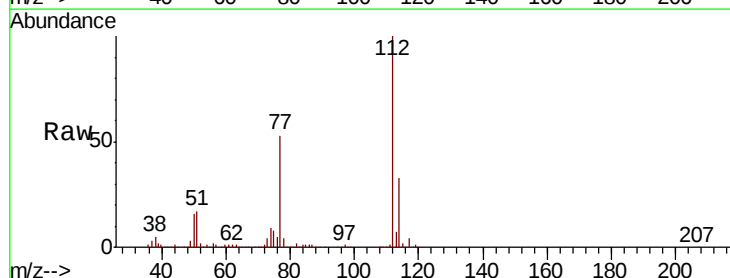
Acq: 15 Oct 2020 23:17

Tgt Ion: 112 Resp: 146181

Ion Ratio Lower Upper

112 100

114 32.7 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): VX018934.D (-1474) (-)

Ion 114.00 (113.70 to 114.70): VX018934.D (-1474) (-)

10.12

120000

100000

80000

60000

40000

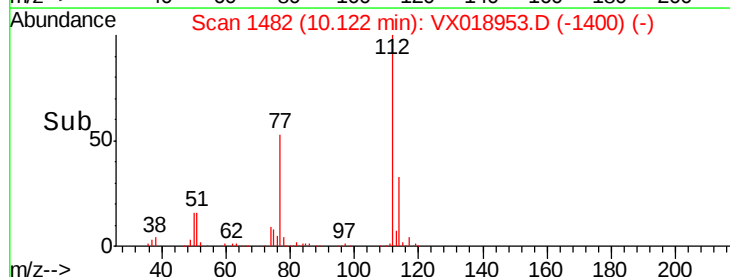
20000

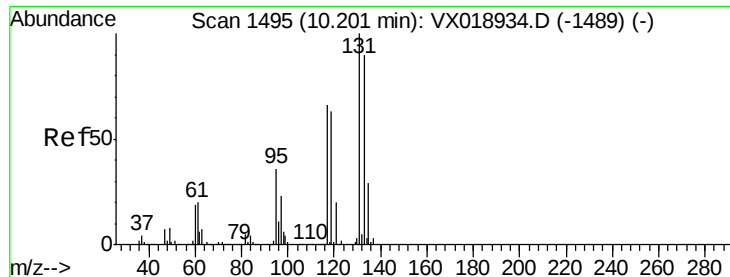
0

10.10

10.20

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 18.352 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

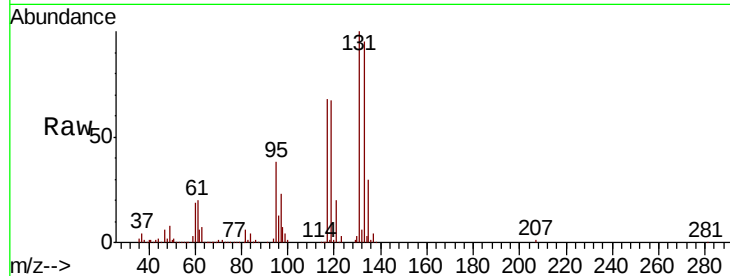
Tot Ion:131 Resp: 56006

Ion Ratio Lower Upper

131 100

133 94.5 0.0 188.8

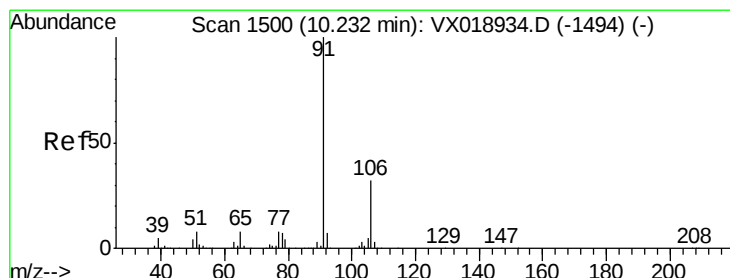
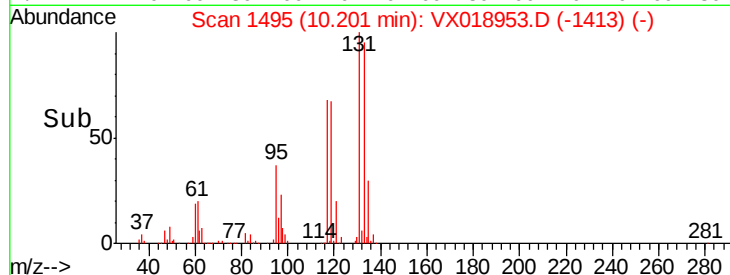
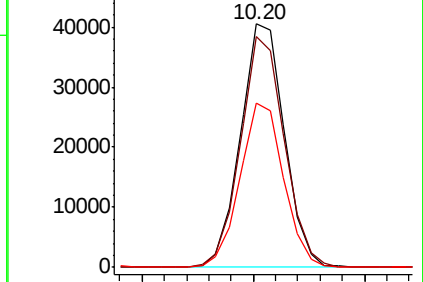
119 67.0 0.0 127.2



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 18.686 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX018953.D

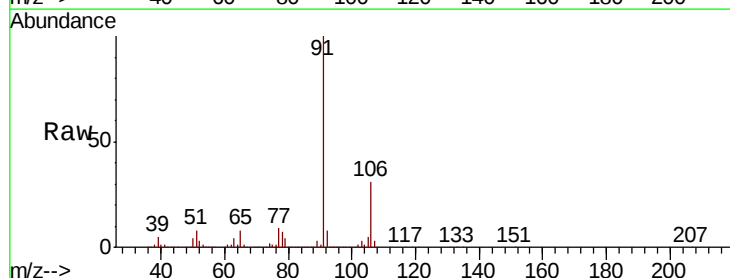
Acq: 15 Oct 2020 23:17

Tgt Ion: 91 Resp: 255978

Ion Ratio Lower Upper

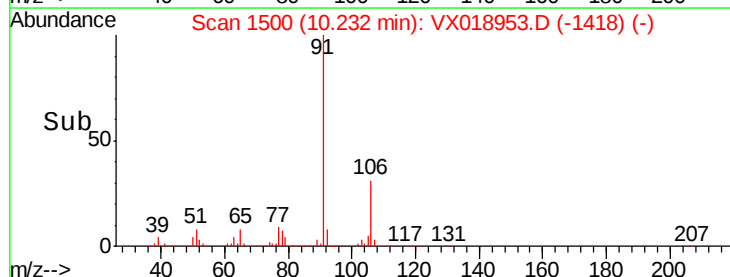
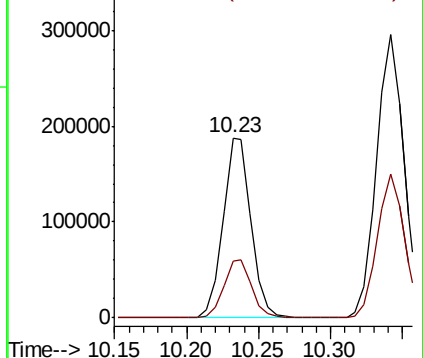
91 100

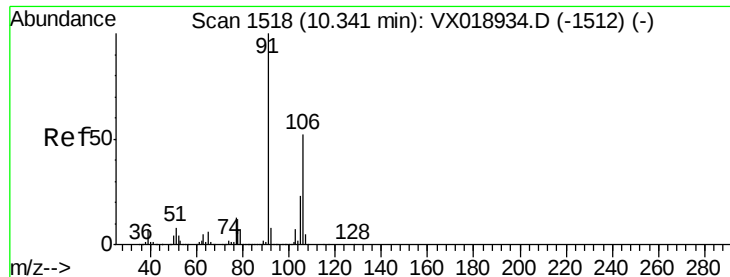
106 31.3 25.3 37.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 36.559 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

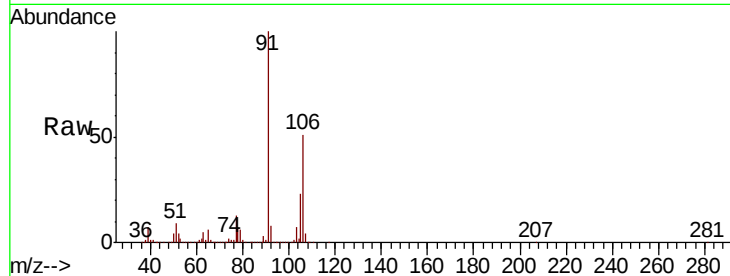
VSTDCCC020EC

Tot Ion:106 Resp: 196213

Ion Ratio Lower Upper

106 100

91 197.7 155.7 233.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

300000

200000

100000

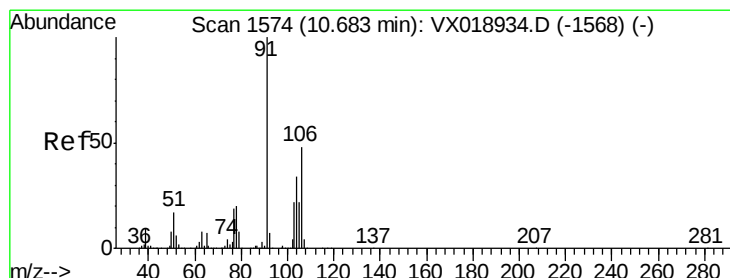
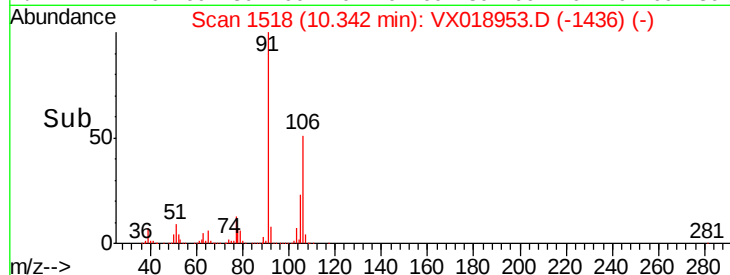
0

10.34

10.35

10.40

Time-->



#68

o-Xylene

Concen: 18.798 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX018953.D

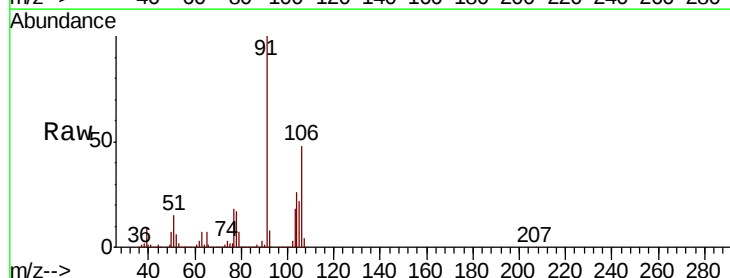
Acq: 15 Oct 2020 23:17

Tgt Ion:106 Resp: 95413

Ion Ratio Lower Upper

106 100

91 206.0 103.3 309.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

150000

100000

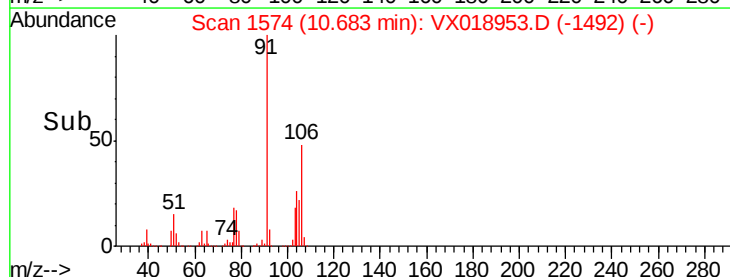
50000

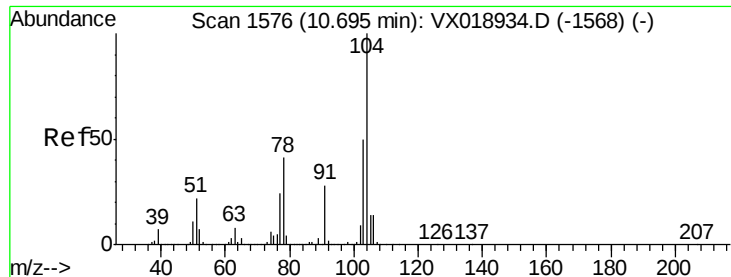
0

10.68

10.70

Time-->

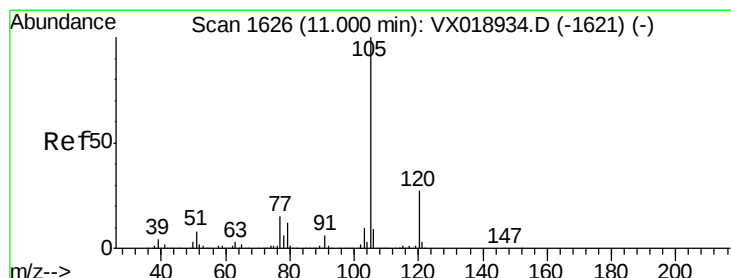
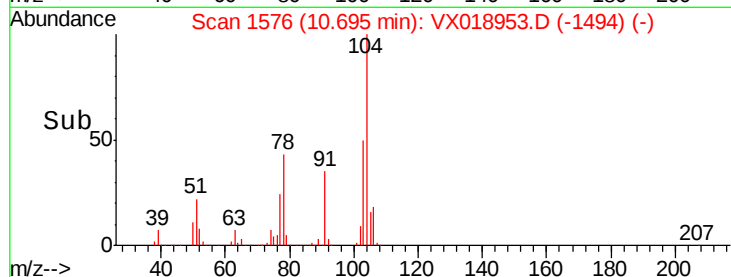
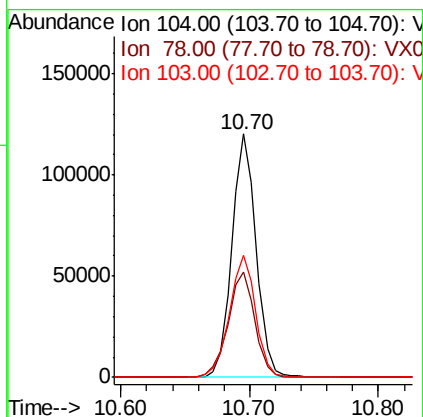
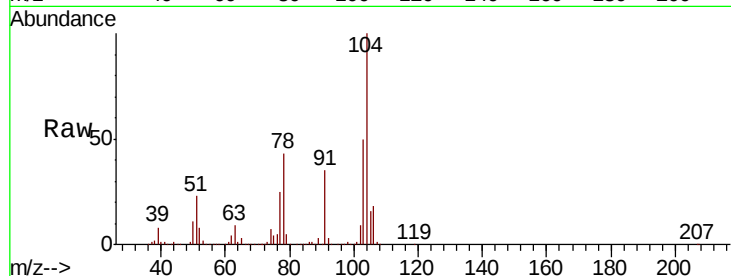




#69
Stvrene
Concen: 18.151 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

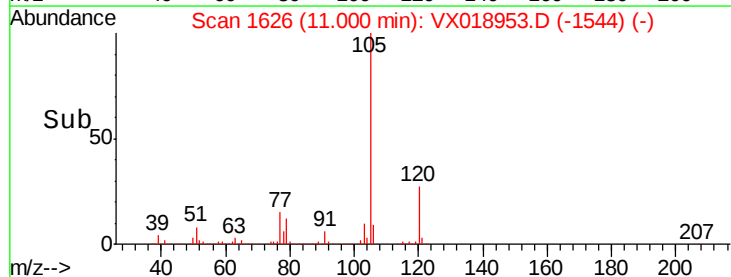
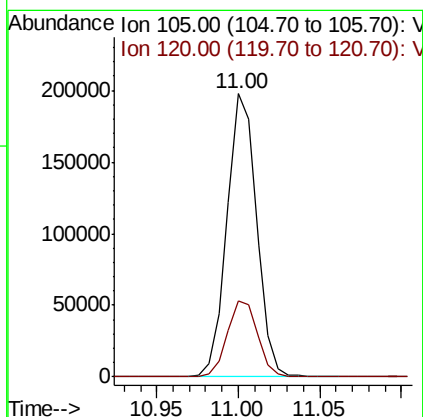
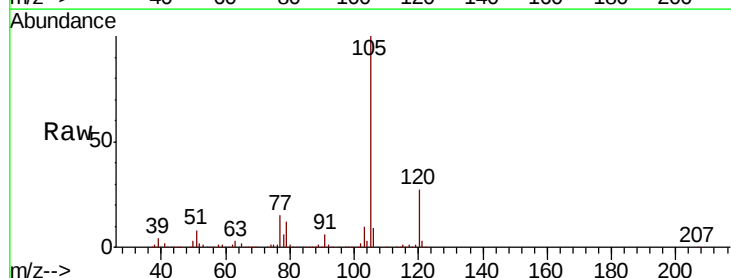
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

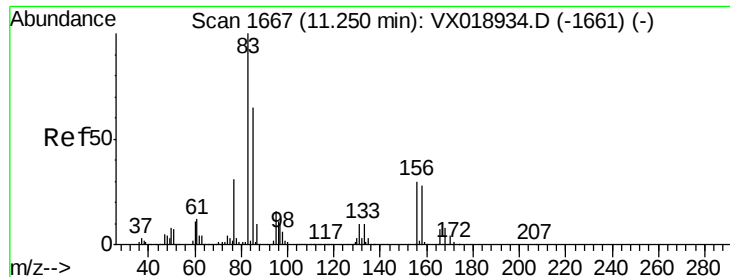
Tot Ion:104 Resp: 158369
Ion Ratio Lower Upper
104 100
78 47.8 37.8 56.6
103 54.5 44.1 66.1



#70
Isopropylbenzene
Concen: 18.504 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

Tgt Ion:105 Resp: 249535
Ion Ratio Lower Upper
105 100
120 27.4 19.4 36.0





#71

1,1,2,2-Tetrachloroethane

Concen: 18.805 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

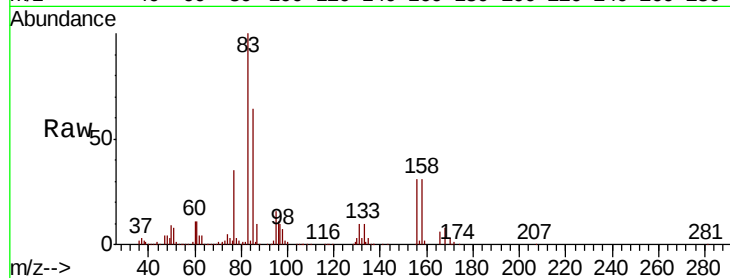
Tot Ion: 83 Resp: 78991

Ion Ratio Lower Upper

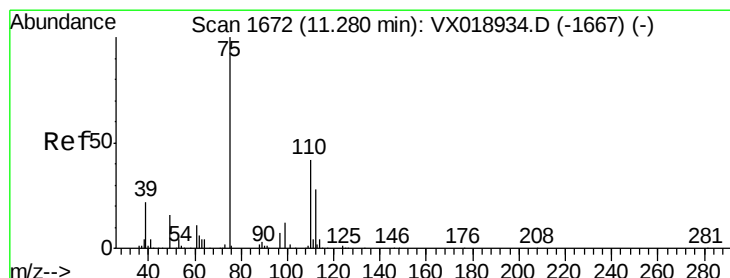
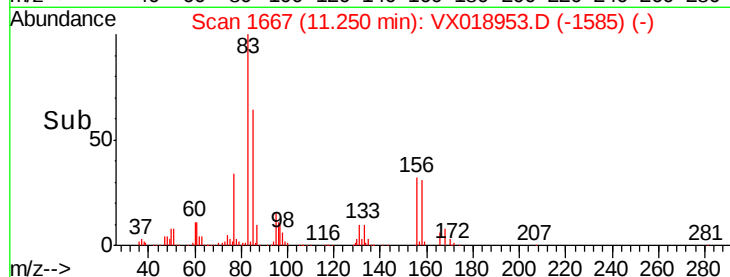
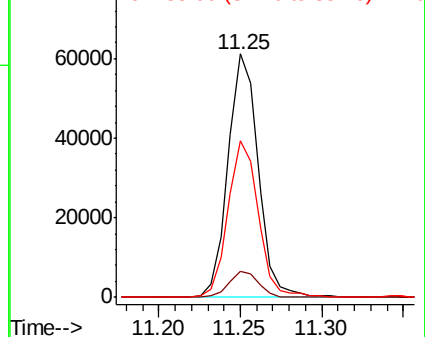
83 100

131 10.4 5.3 16.1

85 64.9 32.3 96.8



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 131.00 (130.70 to 131.70): V
Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 23.498 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018953.D

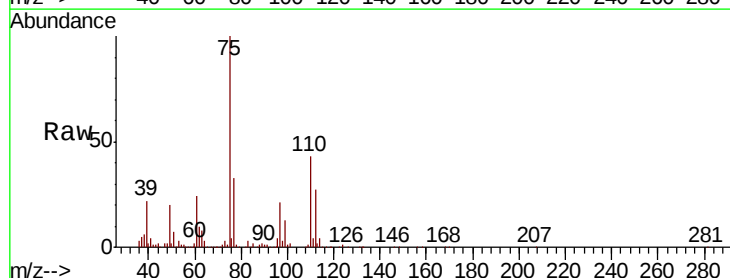
Acq: 15 Oct 2020 23:17

Tgt Ion: 75 Resp: 92222

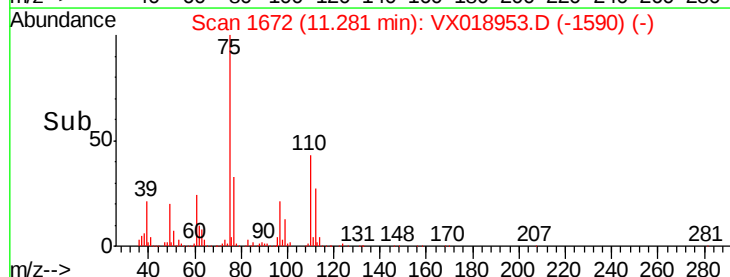
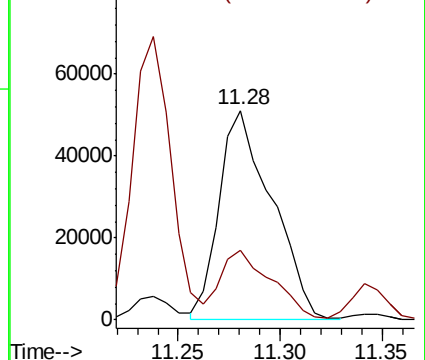
Ion Ratio Lower Upper

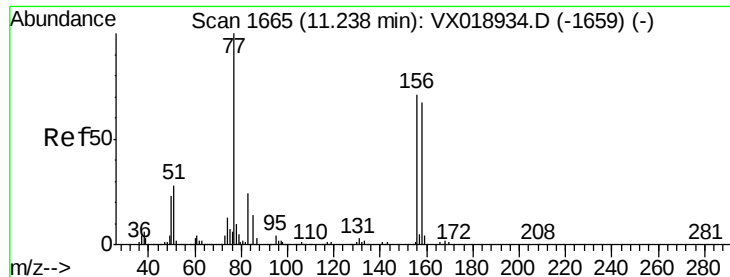
75 100

77 30.0 0.0 75.8



Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 17.725 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

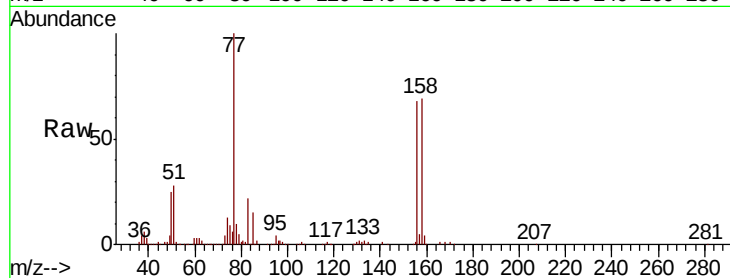
Tot Ion:156 Resp: 61549

Ion Ratio Lower Upper

156 100

77 149.1 0.0 288.2

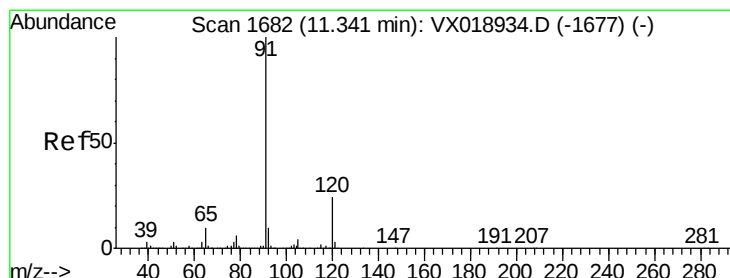
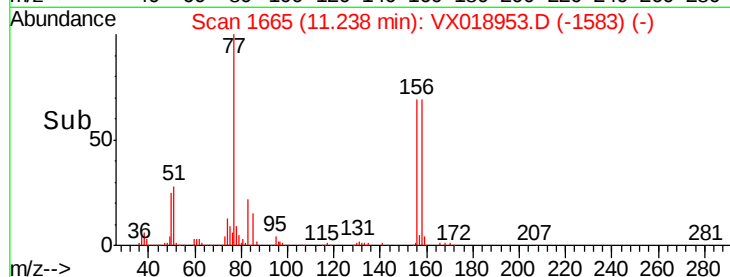
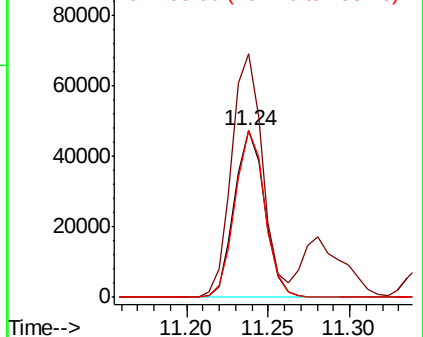
158 98.6 0.0 189.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 17.980 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018953.D

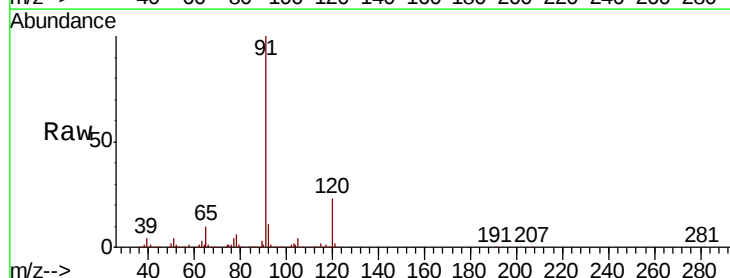
Acq: 15 Oct 2020 23:17

Tgt Ion: 91 Resp: 276204

Ion Ratio Lower Upper

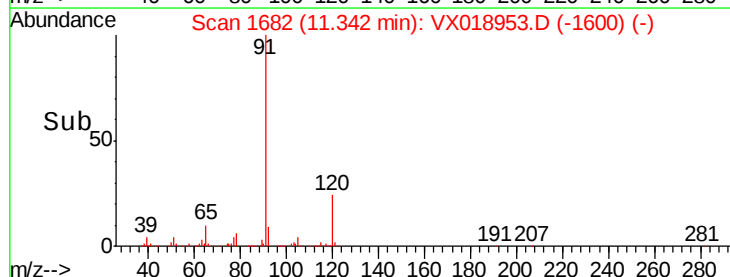
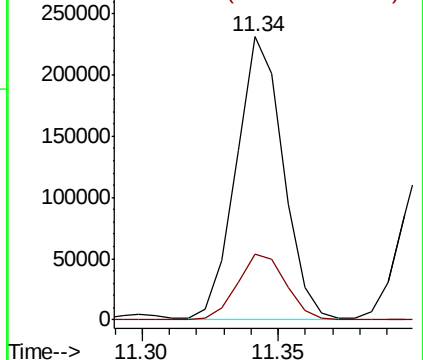
91 100

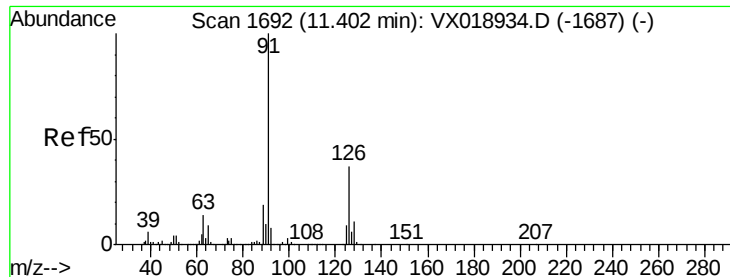
120 24.2 0.0 48.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.533 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

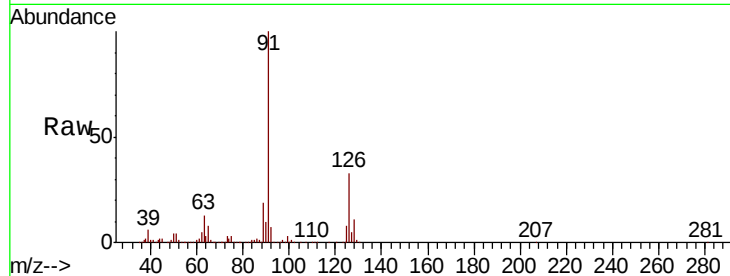
VSTDCCC020EC

Tot Ion: 91 Resp: 164568

Ion Ratio Lower Upper

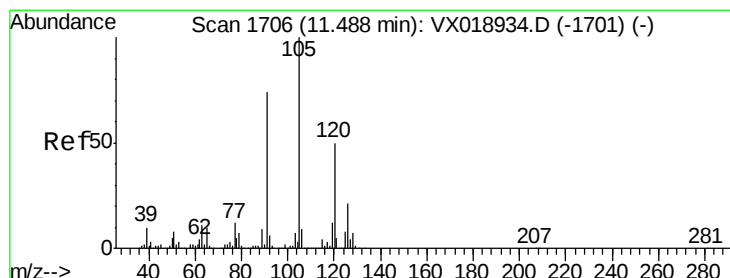
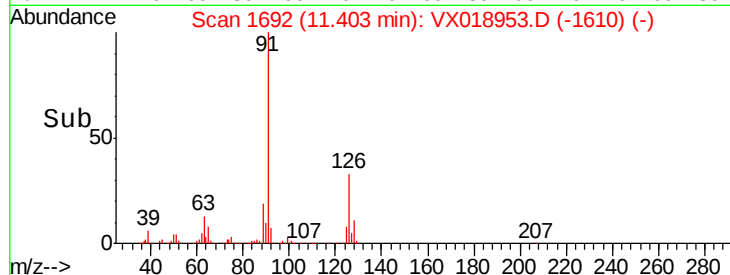
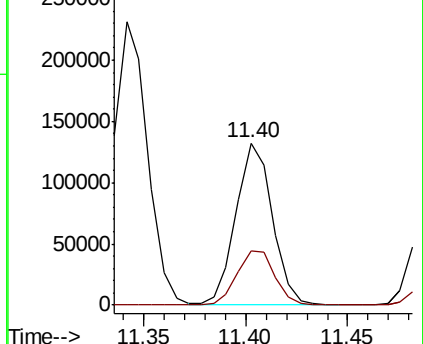
91 100

126 34.9 0.0 70.8



Abundance Ion 91.00 (90.70 to 91.70): VX018953.D (-1687) (-)

Ion 126.00 (125.70 to 126.70): VX018953.D (-1687) (-)



#76

1,3,5-Trimethylbenzene

Concen: 18.165 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX018953.D

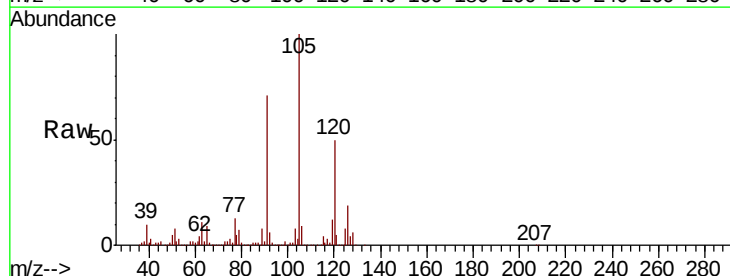
Acq: 15 Oct 2020 23:17

Tgt Ion: 105 Resp: 205146

Ion Ratio Lower Upper

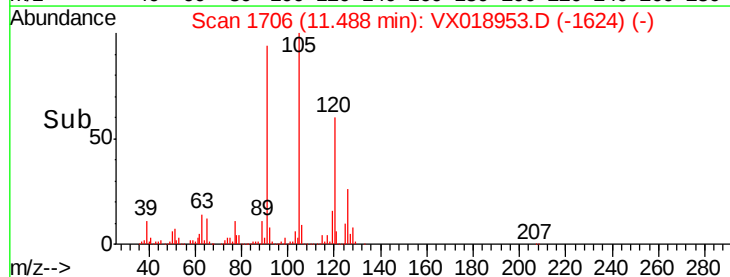
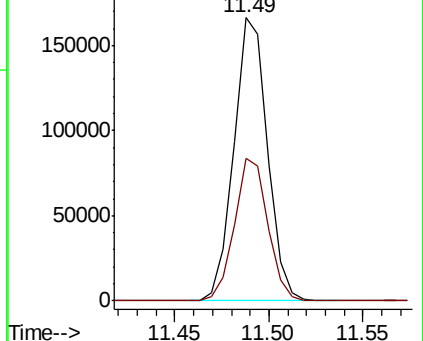
105 100

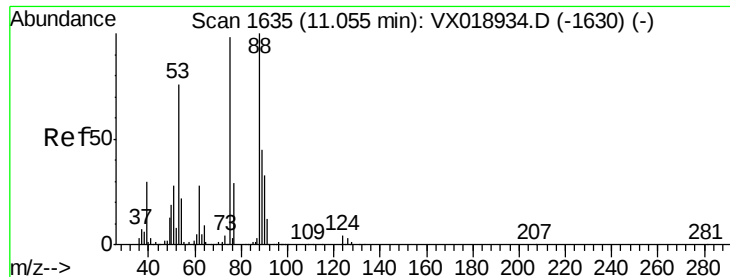
120 50.1 0.0 101.6



Abundance Ion 105.00 (104.70 to 105.70): VX018953.D (-1624) (-)

Ion 120.00 (119.70 to 120.70): VX018953.D (-1624) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 16.859 ug/l

RT: 11.06 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

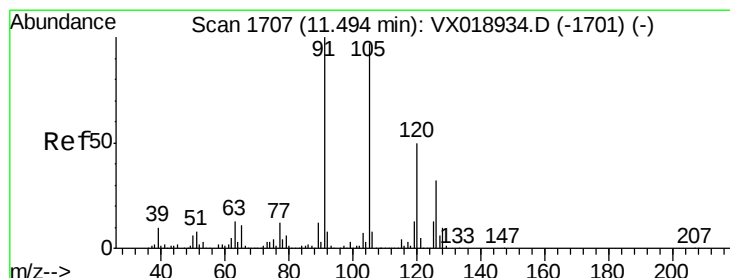
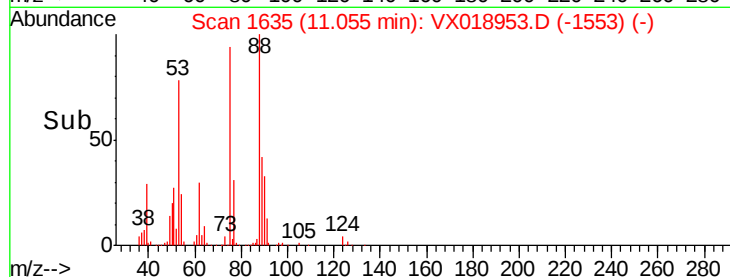
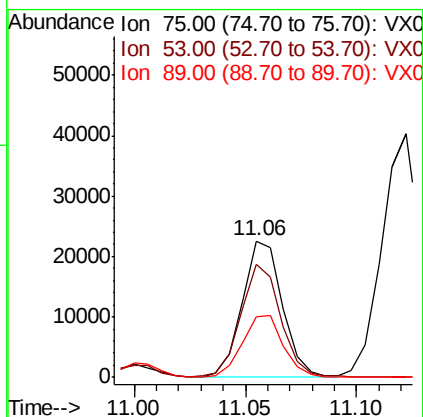
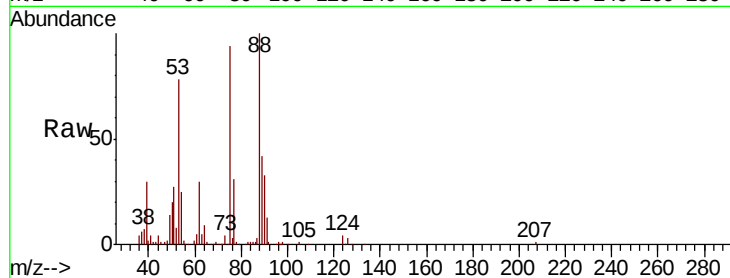
Tot Ion: 75 Resp: 28647

Ion Ratio Lower Upper

75 100

53 82.5 38.8 116.3

89 44.6 22.9 68.8



#78

4-Chlorotoluene

Concen: 18.106 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018953.D

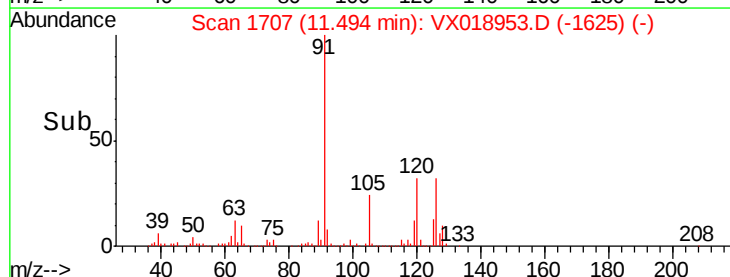
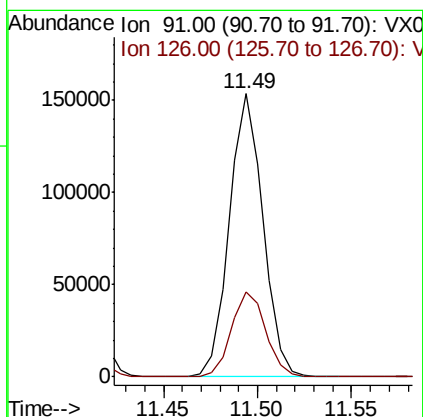
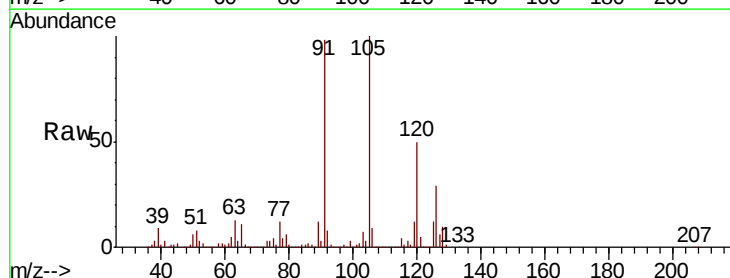
Acq: 15 Oct 2020 23:17

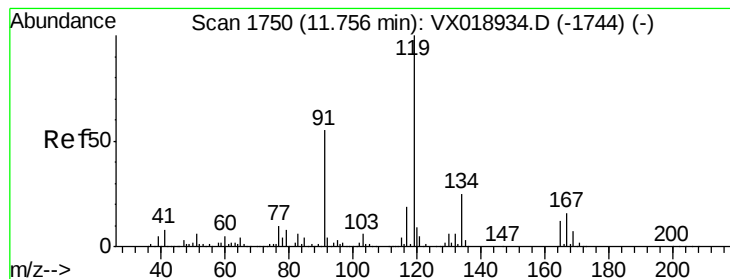
Tgt Ion: 91 Resp: 189295

Ion Ratio Lower Upper

91 100

126 30.7 0.0 63.6





#79

tert-butylbenzene

Concen: 18.440 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

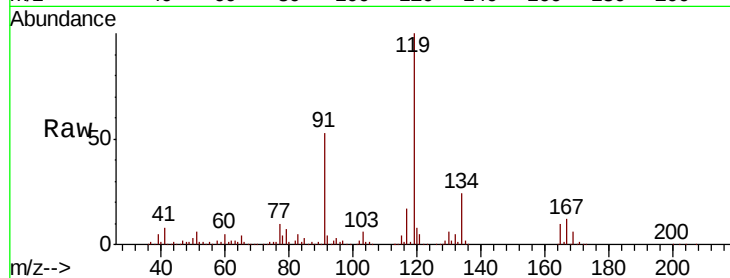
Tot Ion:119 Resp: 210932

Ion Ratio Lower Upper

119 100

91 53.2 0.0 110.0

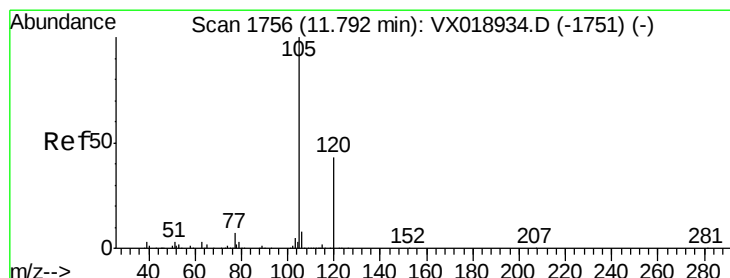
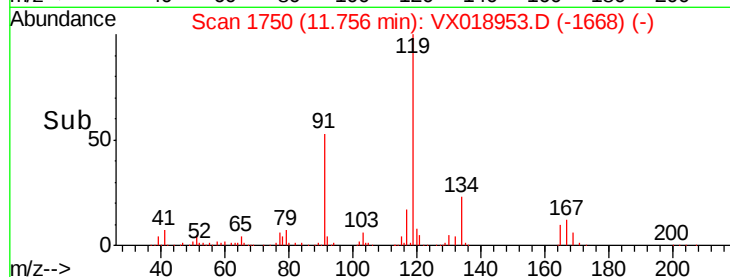
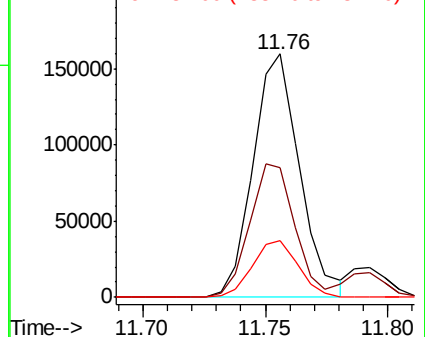
134 23.1 0.0 47.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 18.380 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX018953.D

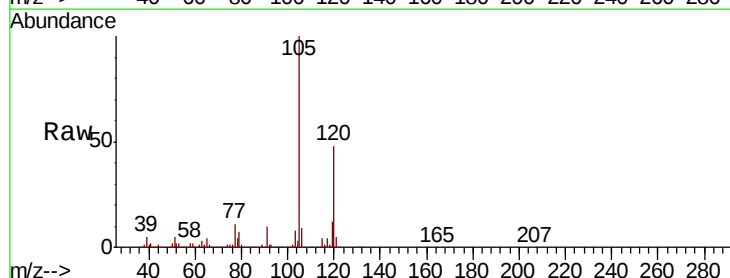
Acq: 15 Oct 2020 23:17

Tgt Ion:105 Resp: 206830

Ion Ratio Lower Upper

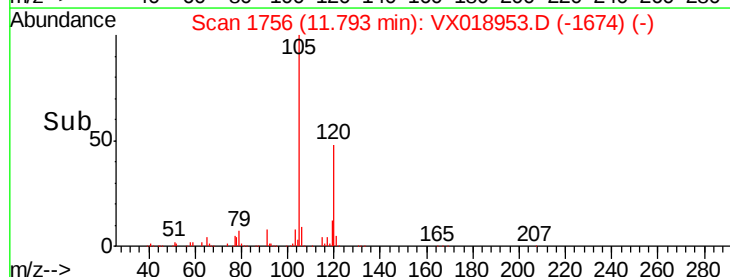
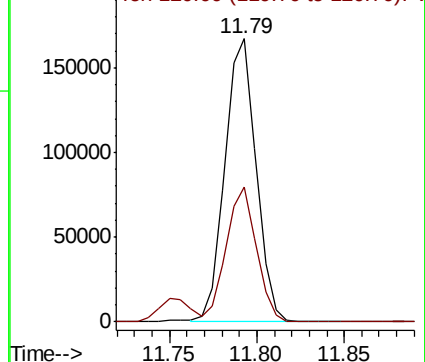
105 100

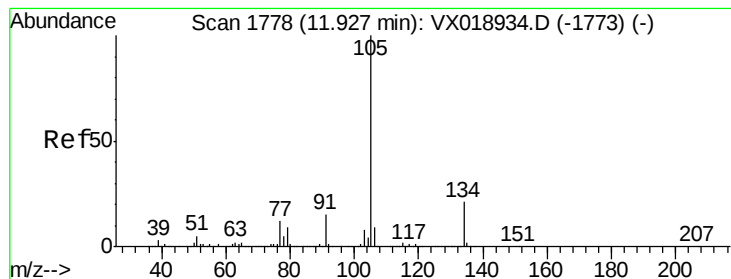
120 46.4 0.0 93.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 18.231 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

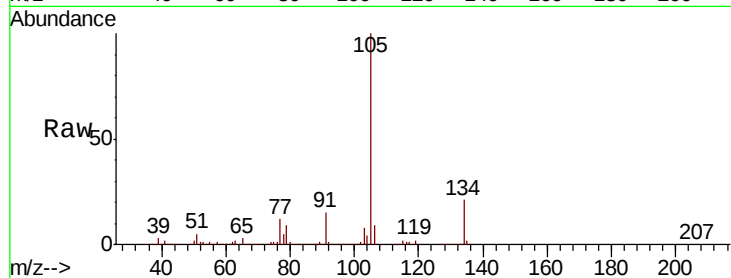
VSTDCCC020EC

Tot Ion:105 Resp: 239139

Ion Ratio Lower Upper

105 100

134 20.9 0.0 42.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

200000

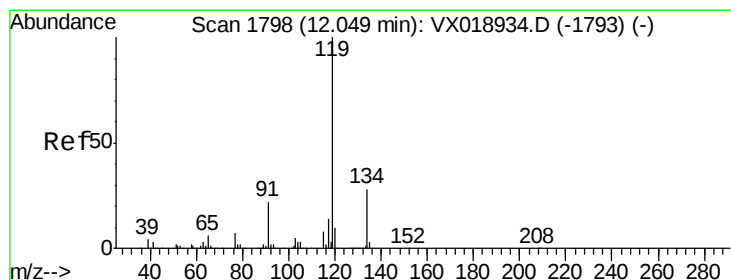
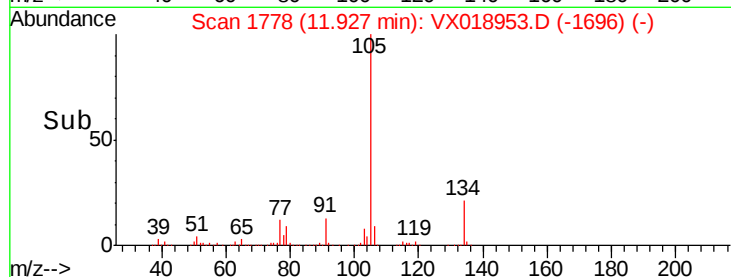
150000

100000

50000

0

Time-->



#82

p-Isopropyltoluene

Concen: 17.681 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

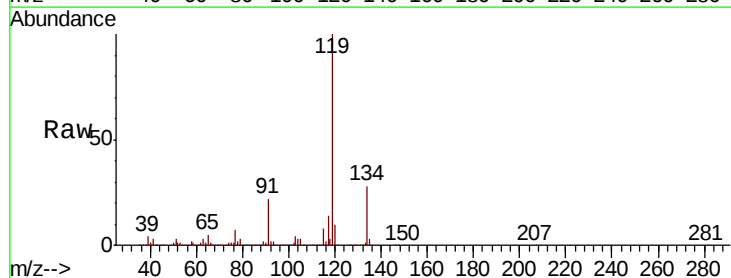
Tgt Ion:119 Resp: 216190

Ion Ratio Lower Upper

119 100

134 27.1 0.0 54.8

91 22.5 0.0 45.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

250000

200000

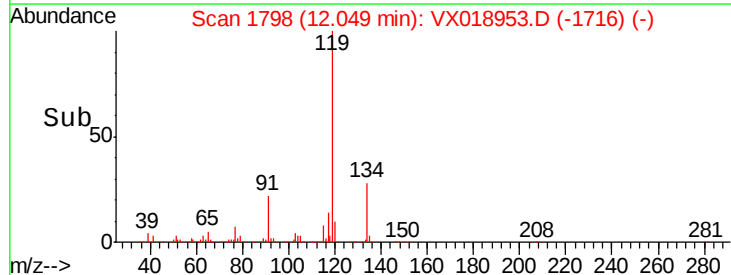
150000

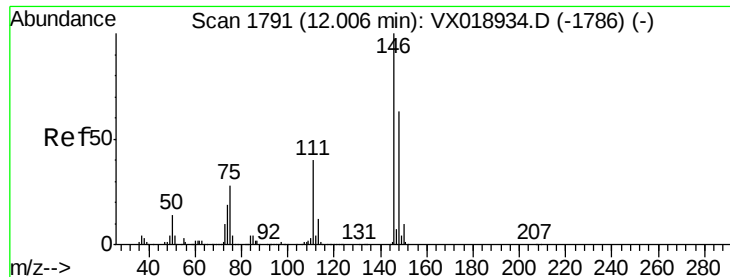
100000

50000

0

Time-->

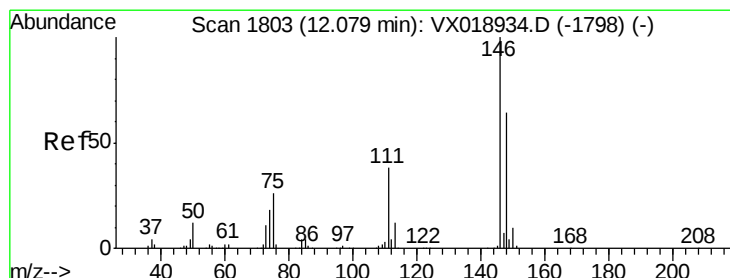
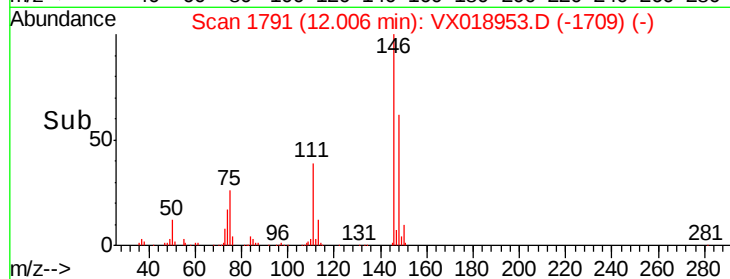
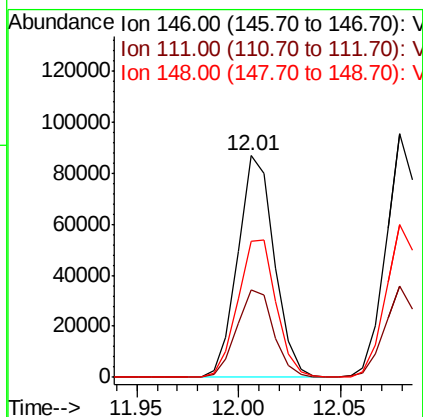
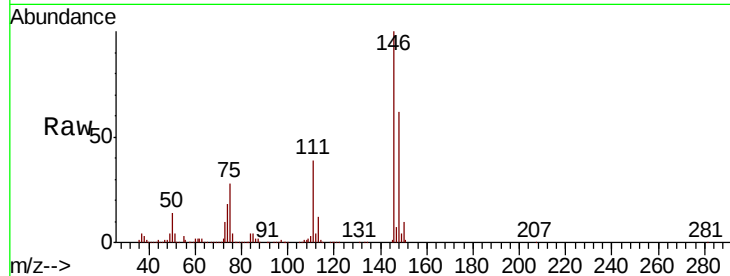




#83
 1,3-Dichlorobenzene
 Concen: 17.536 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX018953.D
 Acq: 15 Oct 2020 23:17

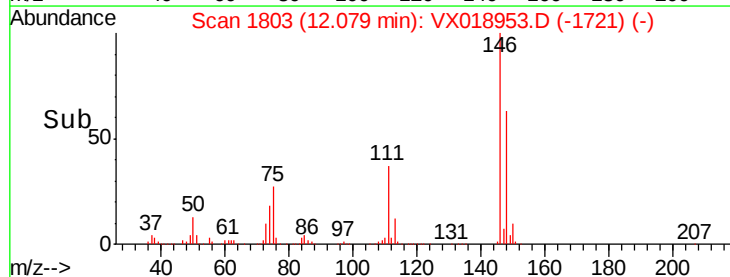
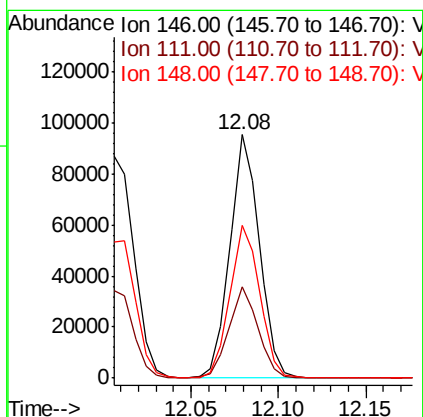
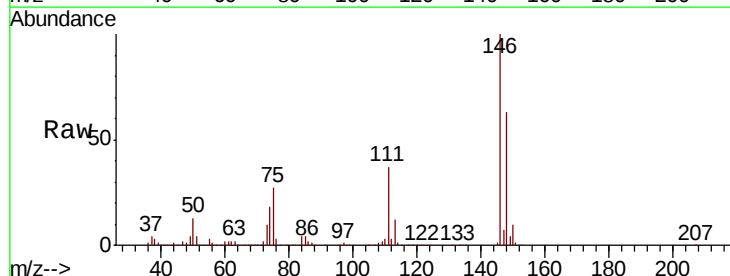
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

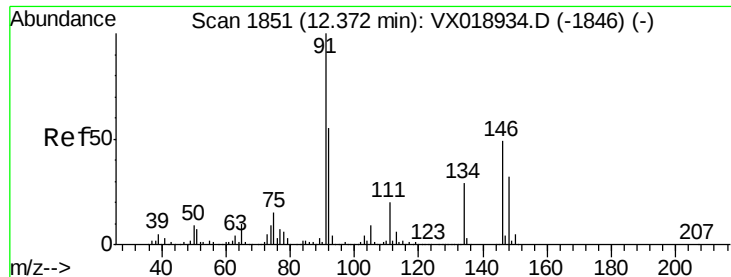
Tot Ion:146 Resp: 108334
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.9 59.7
 148 64.7 31.9 95.5



#84
 1,4-Dichlorobenzene
 Concen: 17.994 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018953.D
 Acq: 15 Oct 2020 23:17

Tgt Ion:146 Resp: 112053
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.6 55.6
 148 63.9 32.1 96.5

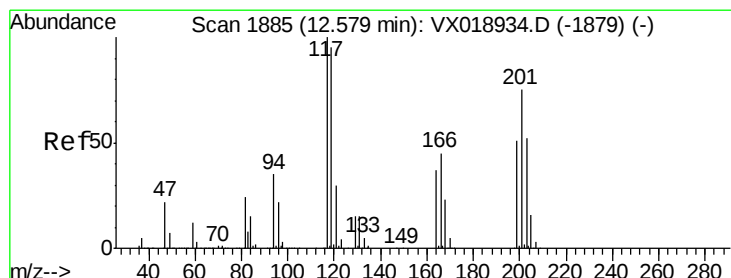
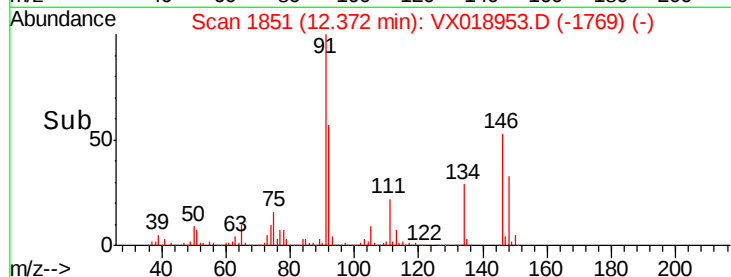
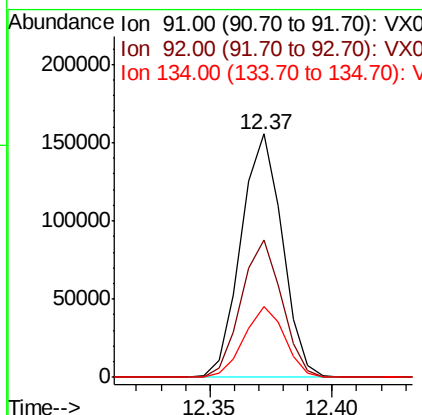
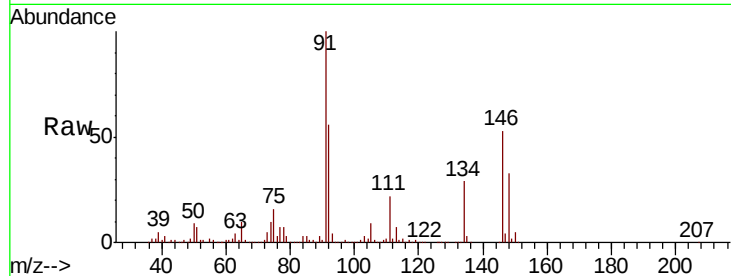




#85
n-Butylbenzene
Concen: 16.771 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

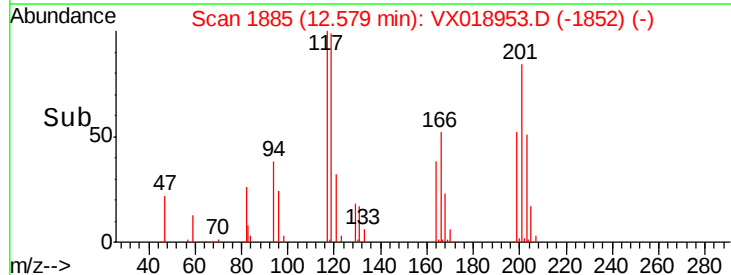
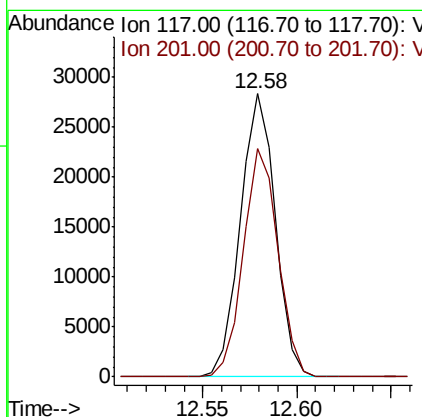
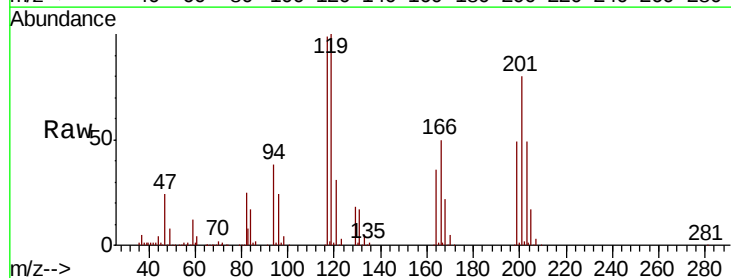
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

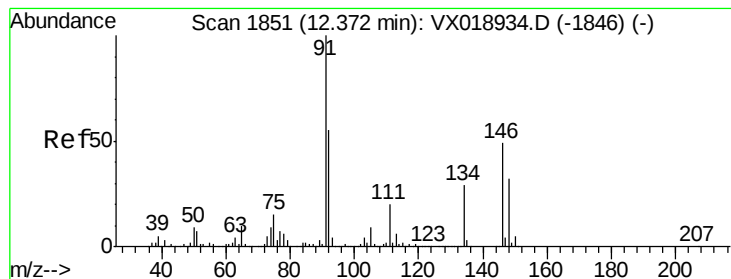
Tot Ion: 91 Resp: 183506
Ion Ratio Lower Upper
91 100
92 55.4 0.0 109.6
134 28.5 0.0 56.4



#86
Hexachloroethane
Concen: 17.584 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018953.D
Acq: 15 Oct 2020 23:17

Tgt Ion: 117 Resp: 36476
Ion Ratio Lower Upper
117 100
201 80.1 38.9 116.6





#87

1,2-Dichlorobenzene

Concen: 17.927 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

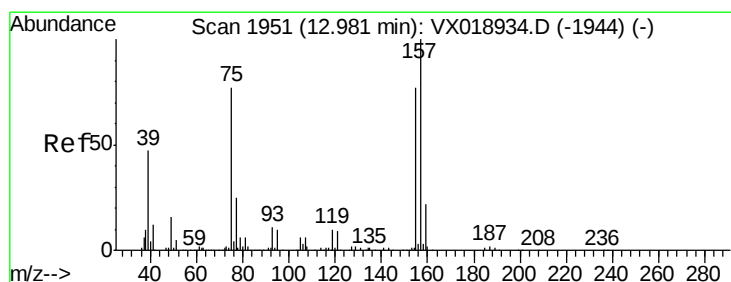
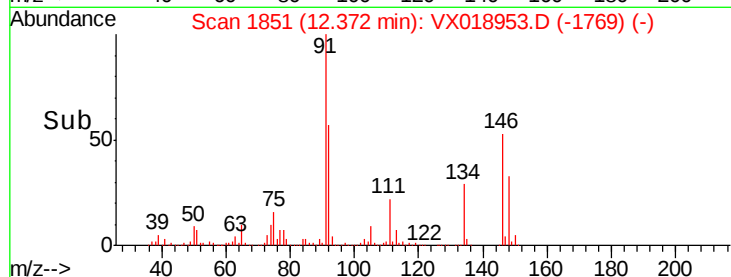
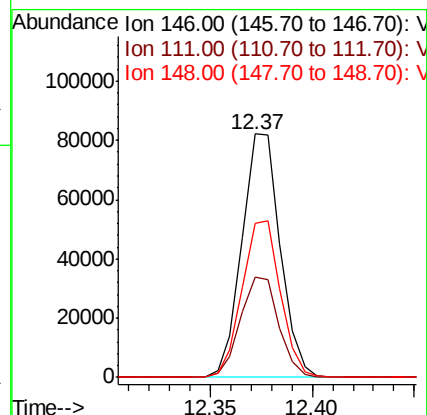
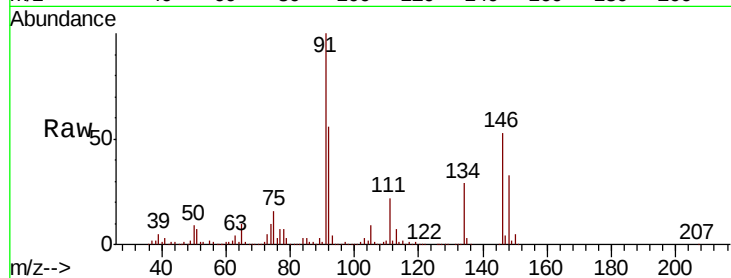
Tot Ion:146 Resp: 107202

Ion Ratio Lower Upper

146 100

111 41.3 19.9 59.6

148 64.4 31.9 95.7



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.420 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

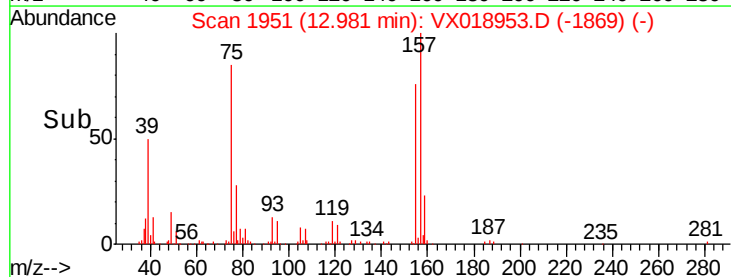
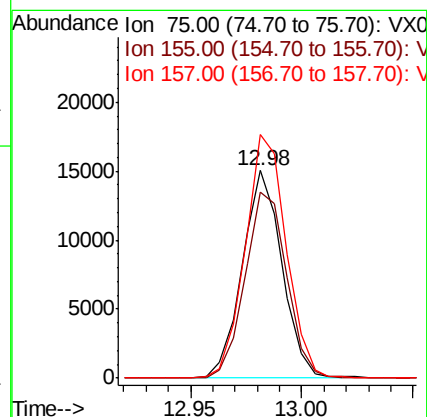
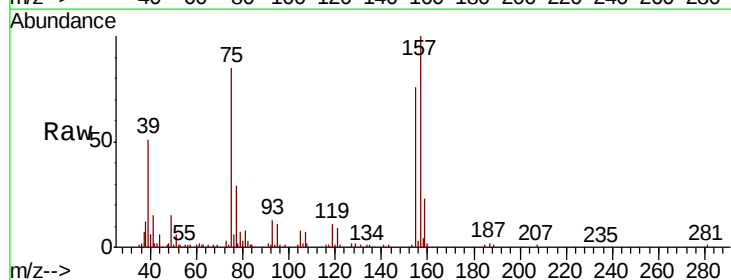
Tgt Ion: 75 Resp: 18732

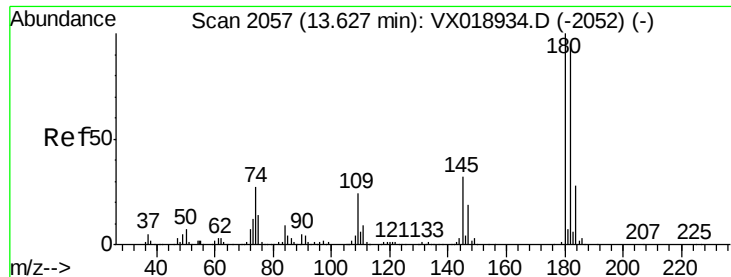
Ion Ratio Lower Upper

75 100

155 93.8 79.3 118.9

157 121.3 104.2 156.4

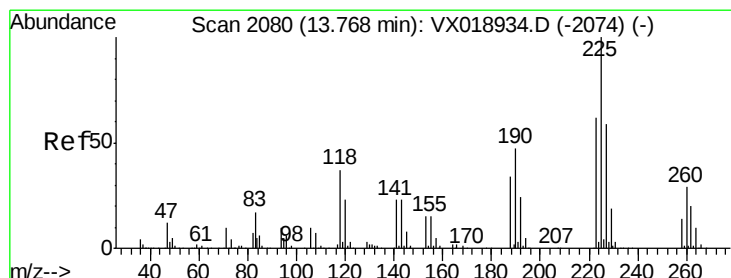
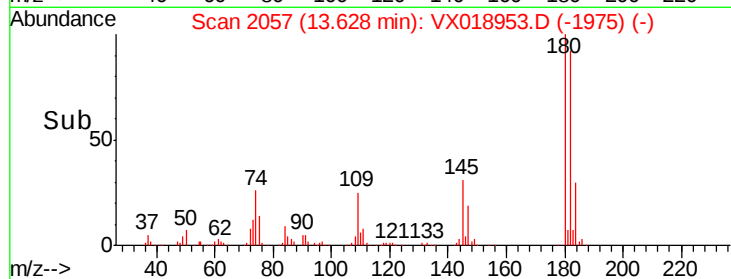
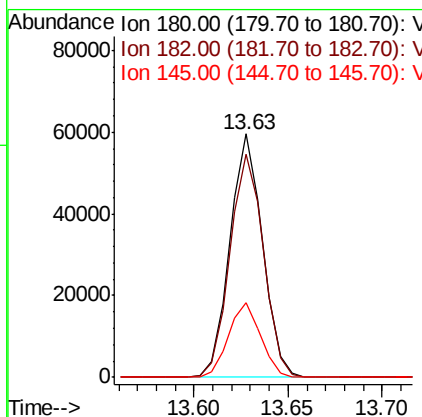
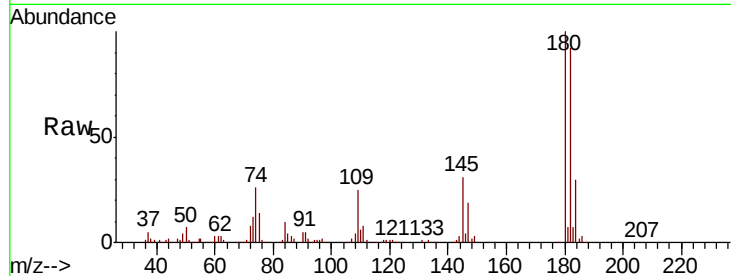




#89
 1,2,4-Trichlorobenzene
 Concen: 16.371 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018953.D
 Acq: 15 Oct 2020 23:17

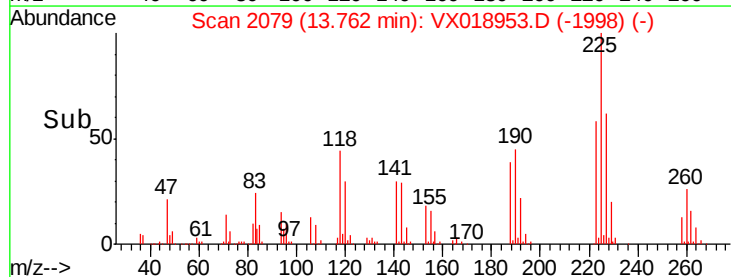
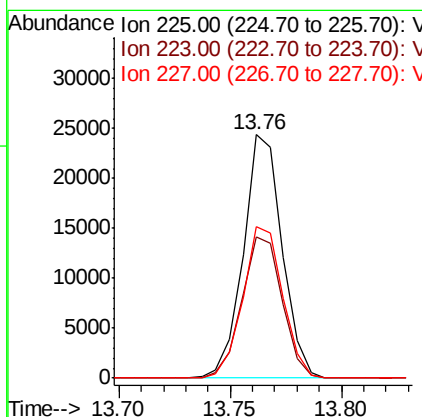
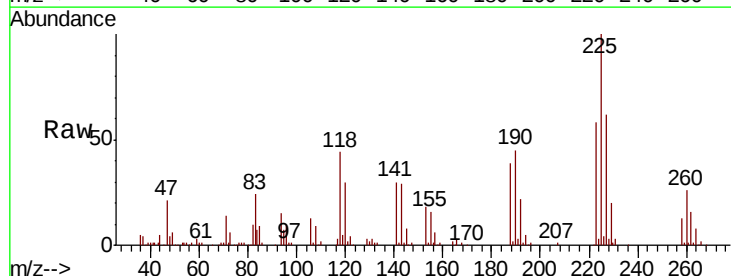
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

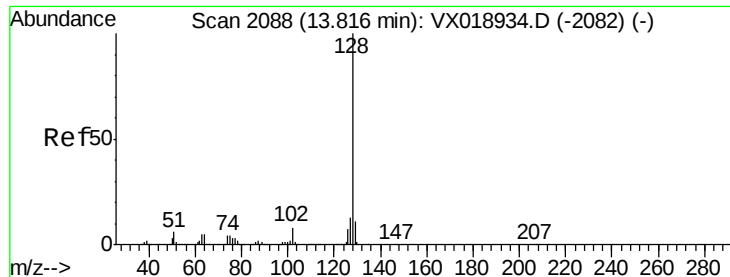
Tot Ion:180 Resp: 71490
 Ion Ratio Lower Upper
 180 100
 182 94.6 75.4 113.2
 145 30.4 24.8 37.2



#90
 Hexachlorobutadiene
 Concen: 16.279 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX018953.D
 Acq: 15 Oct 2020 23:17

Tgt Ion:225 Resp: 29695
 Ion Ratio Lower Upper
 225 100
 223 60.8 0.0 128.8
 227 64.0 0.0 123.2





#91

Naphthalene

Concen: 18.005 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

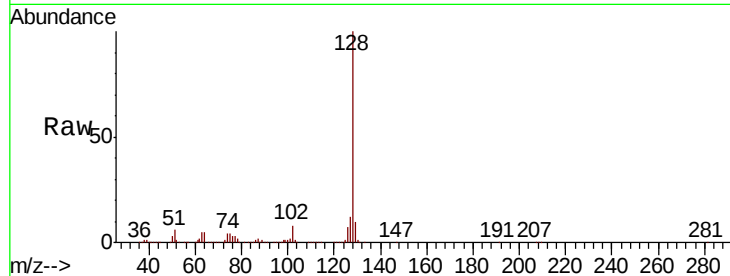
Tot Ion:128 Resp: 256410

Ion Ratio Lower Upper

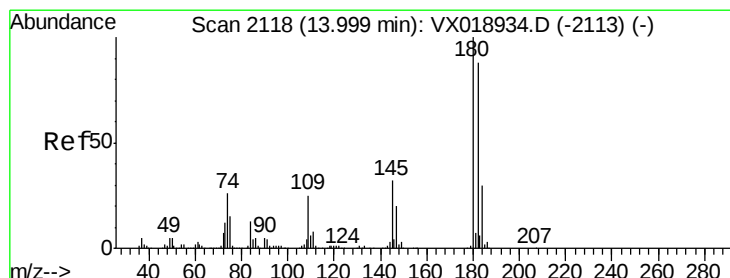
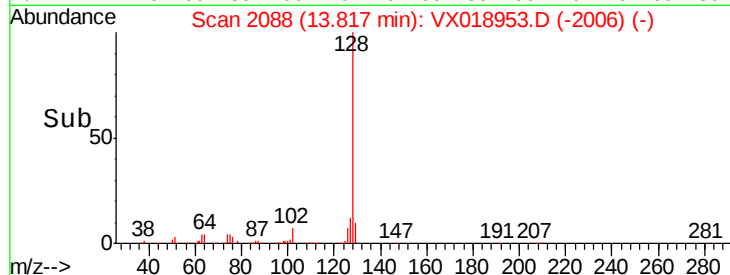
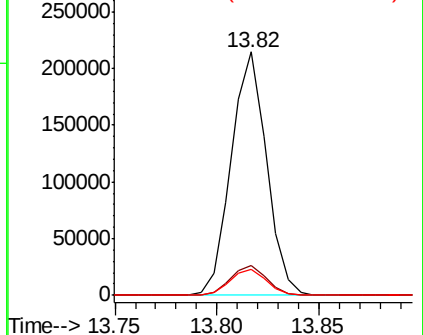
128 100

127 12.7 10.2 15.2

129 10.9 8.7 13.1



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



#92

1,2,3-Trichlorobenzene

Concen: 16.475 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX018953.D

Acq: 15 Oct 2020 23:17

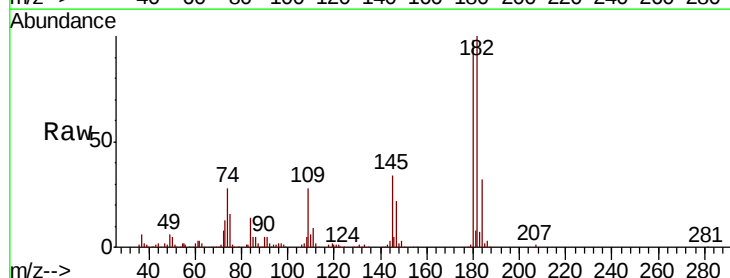
Tgt Ion:180 Resp: 70151

Ion Ratio Lower Upper

180 100

182 96.9 0.0 190.8

145 33.3 0.0 64.4



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

