

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102620\
 Data File : VX019121.D
 Acq On : 26 Oct 2020 16:01
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Oct 27 05:18:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 11:58:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	42117	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.82	114	238846	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	214785	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	85556	30.50	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.67%
60) 4-Bromofluorobenzene	11.12	95	98455	30.54	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	101.80%
63) Toluene-d8	8.70	98	285916	30.15	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.50%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	36239	17.122 ug/l	98
3) Chloromethane	1.31	50	34418	17.997 ug/l	100
4) Vinyl Chloride	1.39	62	44565	17.780 ug/l	97
5) Bromomethane	1.64	94	41470	21.520 ug/l	96
6) Chloroethane	1.72	64	30070	17.703 ug/l	99
7) Trichlorofluoromethane	1.92	101	77683	17.799 ug/l	94
8) Diethyl Ether	2.17	74	30515	18.652 ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	39220	18.806 ug/l	98
10) 1,1-Dichloroethene	2.36	96	38521	18.169 ug/l	97
11) Methyl Iodide	2.49	142	38587	21.190 ug/l	96
12) Methyl Acetate	2.75	43	41085	19.575 ug/l	98
13) Acrolein	2.27	56	21370	110.580 ug/l	90
14) Acrylonitrile	3.11	53	94240	95.575 ug/l	99
15) Acetone	2.42	58	29446	104.247 ug/l	91
16) Carbon Disulfide	2.55	76	90800	15.408 ug/l	99
17) Allyl chloride	2.71	41	49760	18.789 ug/l	97
18) Methylene Chloride	2.83	84	45241	18.711 ug/l	98
19) trans-1,2-Dichloroethene	3.14	96	43841	17.705 ug/l	98
20) Diisopropyl ether	3.82	45	100770	18.783 ug/l	96
21) 1,1-Dichloroethane	3.67	63	74373	18.882 ug/l	99
22) cis-1,2-Dichloroethene	4.56	96	52683	18.367 ug/l	98
23) tert-Butyl Alcohol	3.01	59	49020	102.545 ug/l	# 100
24) Methyl tert-Butyl Ether	3.16	73	125818	18.768 ug/l	100
25) Chloroform	5.17	83	83045	19.028 ug/l	94
26) Cyclohexane	5.54	56	53190	17.377 ug/l	# 99
29) 1,1-Dichloropropene	5.77	75	59822	17.754 ug/l	100
30) 2-Butanone	4.63	43	129890	96.764 ug/l	99
31) 2,2-Dichloropropane	4.54	77	70889	18.388 ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	72755	17.965 ug/l	99
33) Carbon Tetrachloride	5.75	117	62363	17.744 ug/l	97
34) Benzene	6.11	78	178751	18.030 ug/l	97
35) Methacrylonitrile	5.00	41	26846	18.474 ug/l	99
36) 1,2-Dichloroethane	6.16	62	62614	18.411 ug/l	99
37) Trichloroethene	7.18	130	51726	18.151 ug/l	100
38) Methylcyclohexane	7.44	83	64482	17.073 ug/l	97
39) 1,2-Dichloropropane	7.49	63	43672	18.977 ug/l	100
40) Dibromomethane	7.63	93	32250	18.057 ug/l	98

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 11:58:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	64591	18.292	ug/l	99
42) Vinyl Acetate	3.78	43	481568	92.202	ug/l	100
43) Ethyl Acetate	4.79	43	51936	18.443	ug/l	97
44) Isopropyl Acetate	6.40	43	86636	18.373	ug/l	100
45) 1,4-Dioxane	7.73	88	19843	400.350	ug/l	99
46) Methyl methacrylate	7.74	41	40176	18.001	ug/l	98
47) n-amyl Acetate	10.88	43	69162	18.285	ug/l	98
48) t-1,3-Dichloropropene	9.02	75	69859	17.672	ug/l	100
49) cis-1,3-Dichloropropene	8.42	75	75909	18.045	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	47734	18.452	ug/l	99
51) Ethyl methacrylate	9.16	69	66732	17.679	ug/l	96
52) 1,3-Dichloropropane	9.35	76	77961	18.499	ug/l	99
53) Dibromochloromethane	9.56	129	51013	17.714	ug/l	99
54) 1,2-Dibromoethane	9.65	107	50655	18.020	ug/l	100
55) 2-Chloroethyl vinyl ether	8.29	63	187054	92.726	ug/l	100
56) Bromoform	10.84	173	34534	17.153	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	259805	95.918	ug/l	100
59) 2-Hexanone	9.47	43	194334	96.282	ug/l	100
61) Tetrachloroethene	9.32	164	48597	19.072	ug/l	92
62) Toluene	8.76	91	201221	17.825	ug/l	99
64) Chlorobenzene	10.12	112	129938	18.517	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.20	131	46071	18.052	ug/l	99
66) Ethyl Benzene	10.23	91	226413	18.294	ug/l	100
67) m/p-Xylenes	10.34	106	172516	36.551	ug/l	100
68) o-Xylene	10.68	106	82068	18.231	ug/l	99
69) Styrene	10.70	104	137222	18.093	ug/l	100
70) Isopropylbenzene	11.00	105	226497	18.713	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	71044	20.332	ug/l	100
72) 1,2,3-Trichloropropane	11.28	75	80270	25.545	ug/l	86
73) Bromobenzene	11.24	156	54185	18.318	ug/l	97
74) n-propylbenzene	11.34	91	256065	18.684	ug/l	99
75) 2-Chlorotoluene	11.40	91	149134	19.238	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	184980	18.834	ug/l	99
77) t-1,4-Dichloro-2-butene	11.05	75	22179	17.773	ug/l	90
78) 4-Chlorotoluene	11.49	91	173693	19.067	ug/l	99
79) tert-butylbenzene	11.76	119	184161	19.042	ug/l	100
80) 1,2,4-Trimethylbenzene	11.79	105	184936	18.942	ug/l	99
81) sec-Butylbenzene	11.93	105	219711	19.199	ug/l	99
82) p-Isopropyltoluene	12.05	119	203471	19.292	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	104029	19.677	ug/l	98
84) 1,4-Dichlorobenzene	12.08	146	105712	19.693	ug/l	98
85) n-Butylbenzene	12.37	91	182642	19.341	ug/l	99
86) Hexachloroethane	12.58	117	29573	18.256	ug/l	100
87) 1,2-Dichlorobenzene	12.37	146	100608	19.878	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.98	75	14566	18.418	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	69099	18.971	ug/l	100
90) Hexachlorobutadiene	13.76	225	31061	20.112	ug/l	97
91) Naphthalene	13.82	128	219901	18.442	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	68518	19.555	ug/l	97

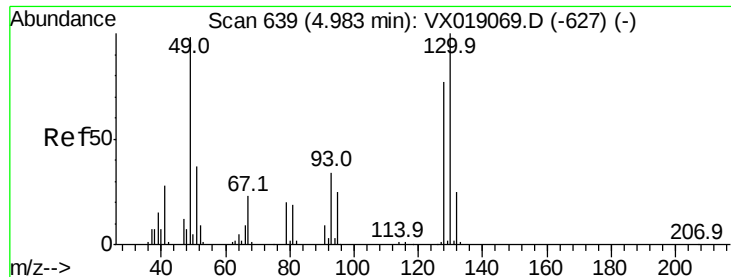
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102620\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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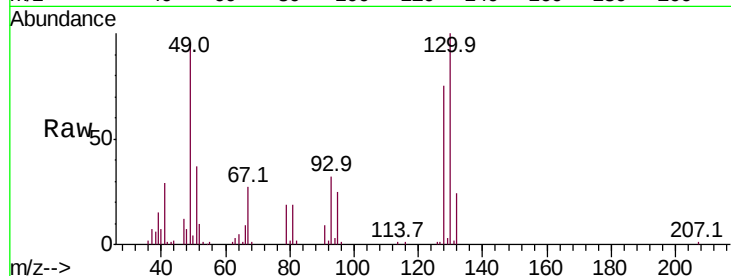
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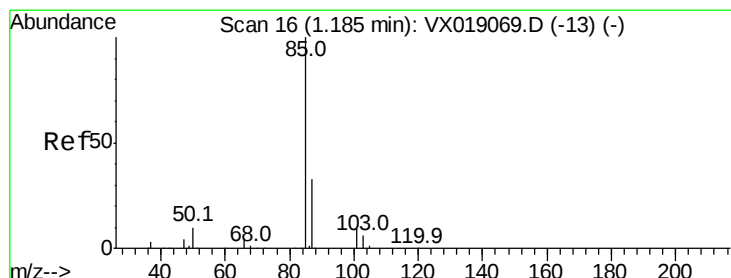
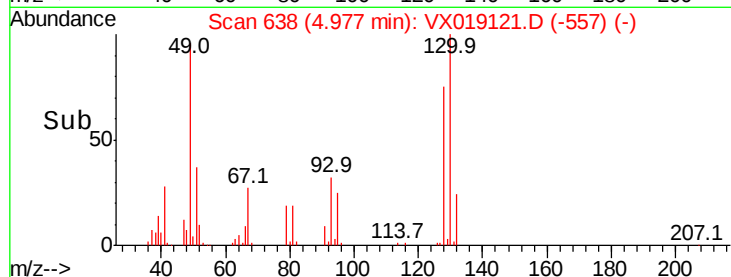
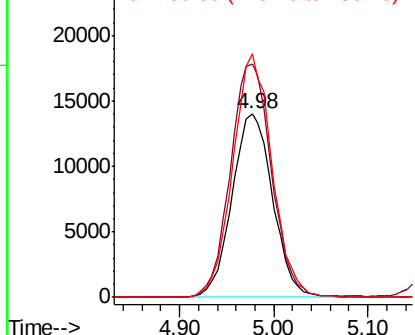
#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX019121.D
 Acq: 26 Oct 2020 16:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:128 Resp: 42117
 Ion Ratio Lower Upper
 128 100
 49 129.3 0.0 318.8
 130 128.4 0.0 321.8

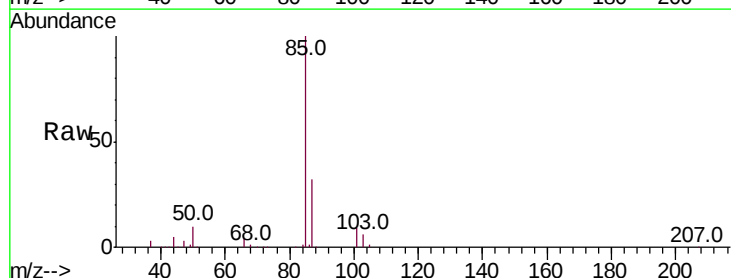


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VX0
 Ion 130.00 (129.70 to 130.70): V

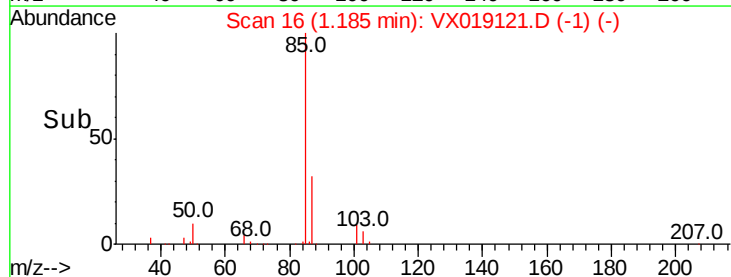
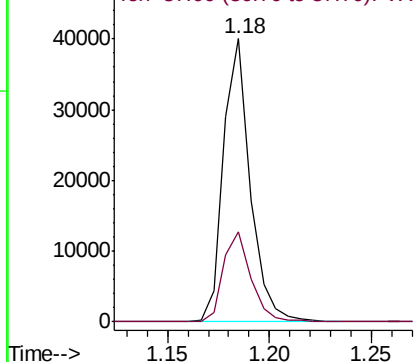


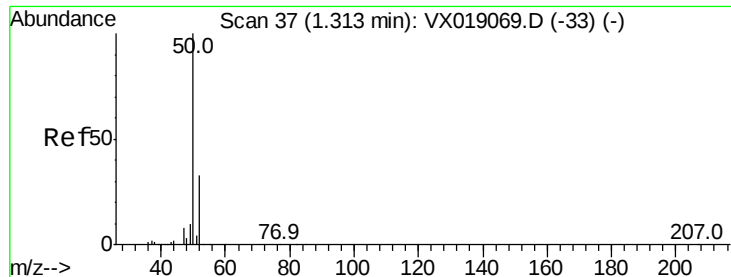
#2
 Dichlorodifluoromethane
 Concen: 17.122 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. 0.00 min
 Lab File: VX019121.D
 Acq: 26 Oct 2020 16:01

Tgt Ion: 85 Resp: 36239
 Ion Ratio Lower Upper
 85 100
 87 31.7 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 17.997 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Instrument :

MSVOA_X

ClientSampleId :

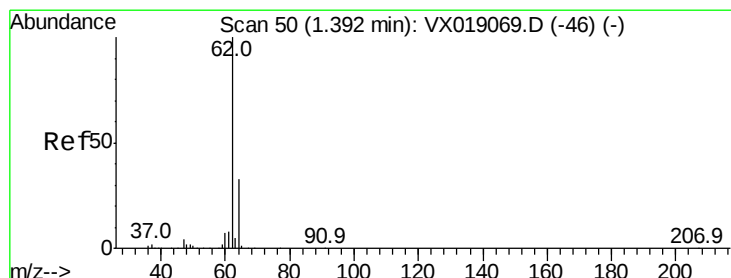
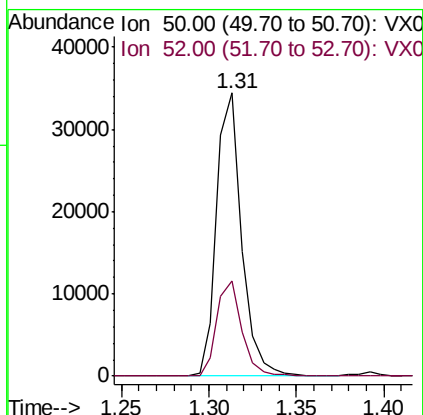
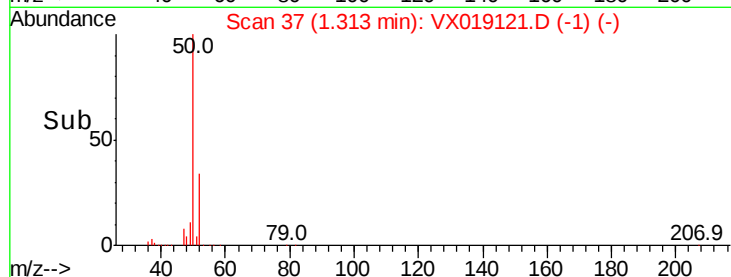
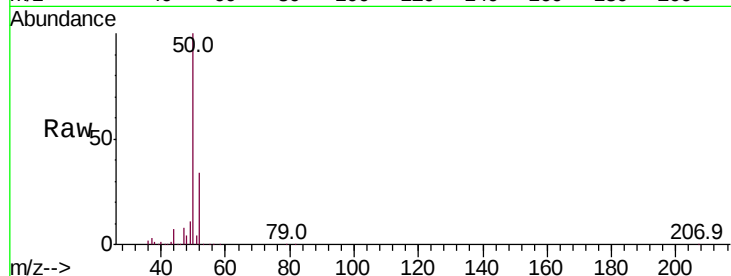
VSTDCCC020EC

Tot Ion: 50 Resp: 34418

Ion Ratio Lower Upper

50 100

52 33.3 26.7 40.1



#4

Vinyl Chloride

Concen: 17.780 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019121.D

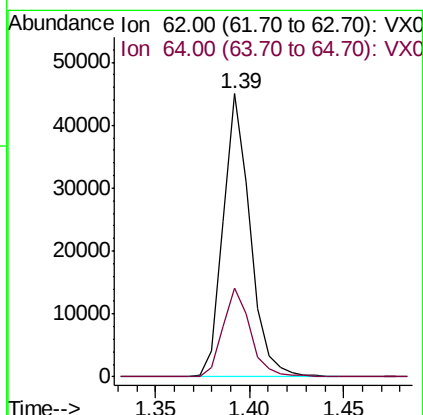
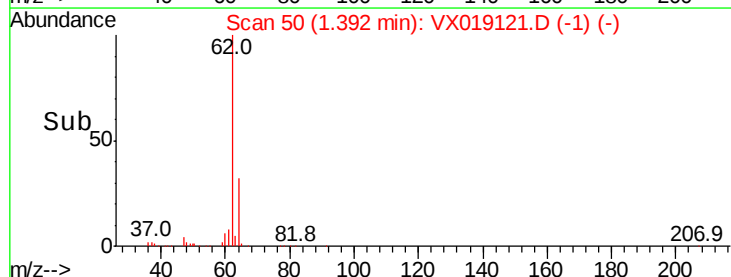
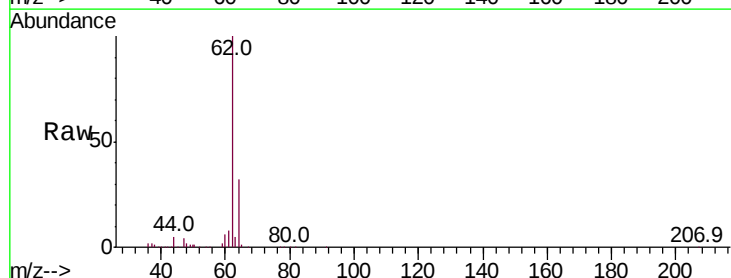
Acq: 26 Oct 2020 16:01

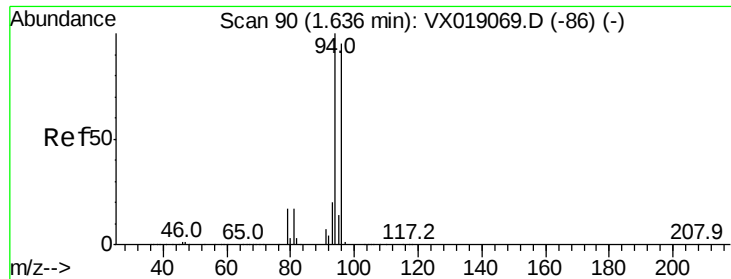
Tgt Ion: 62 Resp: 44565

Ion Ratio Lower Upper

62 100

64 31.6 26.7 40.1





#5

Bromomethane

Concen: 21.520 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Instrument :

MSVOA_X

ClientSampleId :

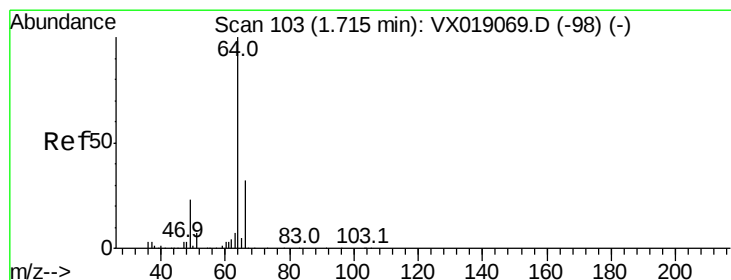
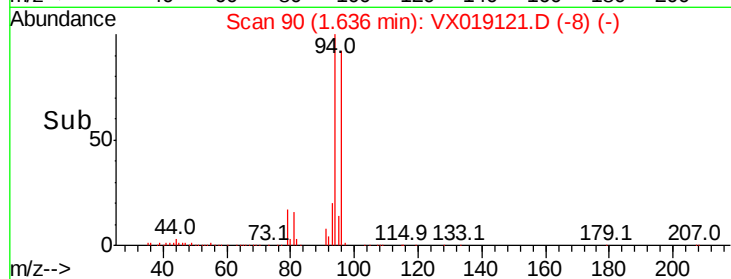
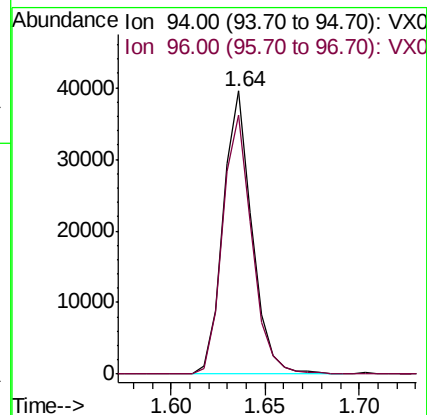
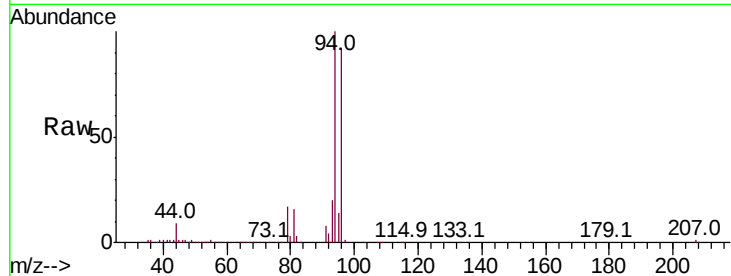
VSTDCCC020EC

Tot Ion: 94 Resp: 41470

Ion Ratio Lower Upper

94 100

96 91.7 76.2 114.2



#6

Chloroethane

Concen: 17.703 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX019121.D

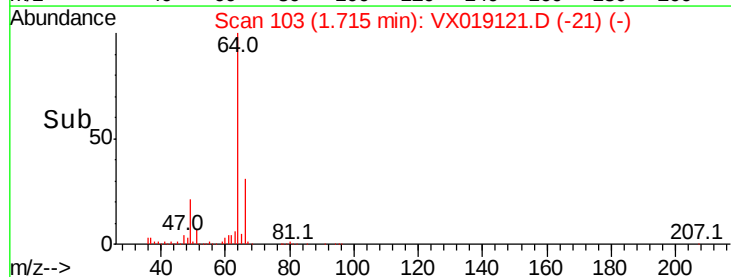
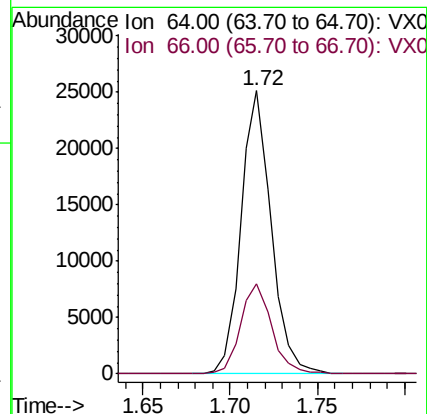
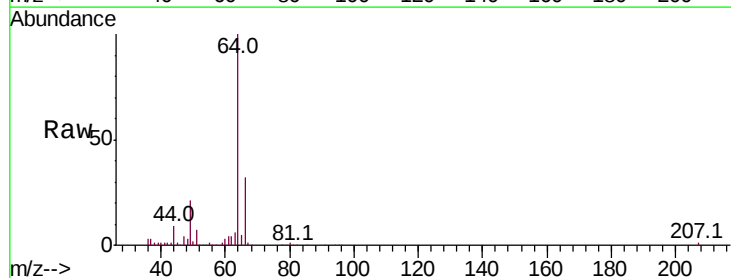
Acq: 26 Oct 2020 16:01

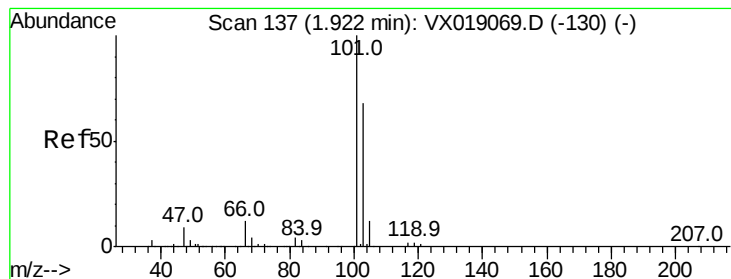
Tgt Ion: 64 Resp: 30070

Ion Ratio Lower Upper

64 100

66 31.6 25.9 38.9



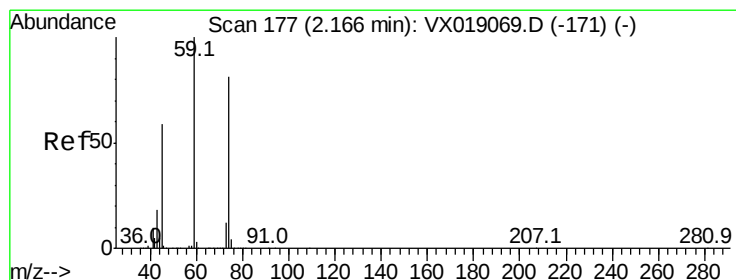
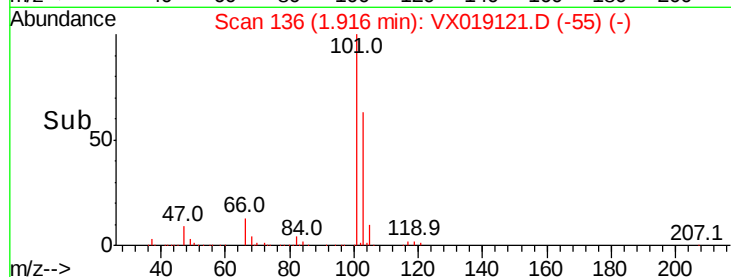
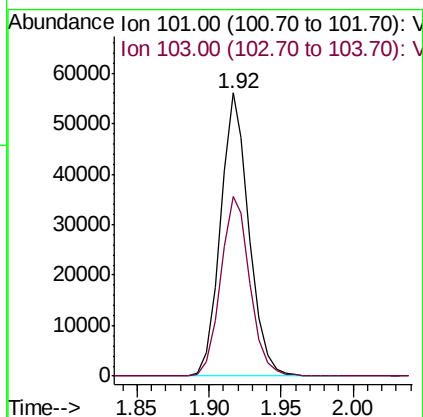
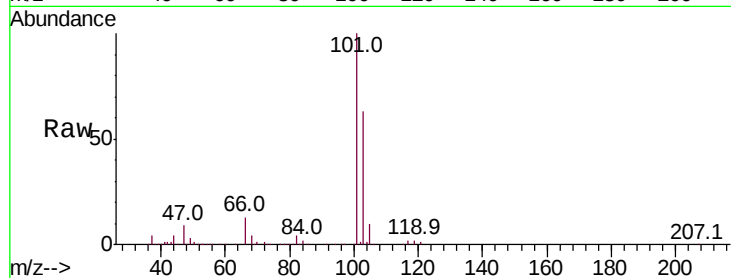


#7

Trichlorofluoromethane
Concen: 17.799 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

Instrument :
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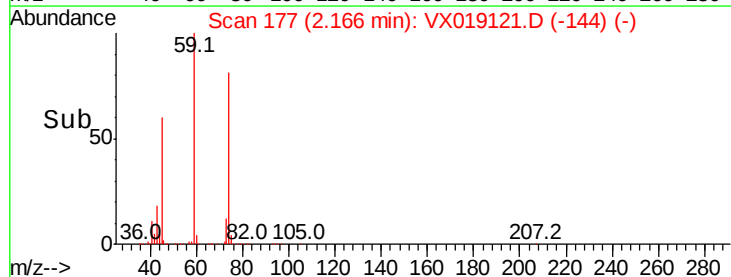
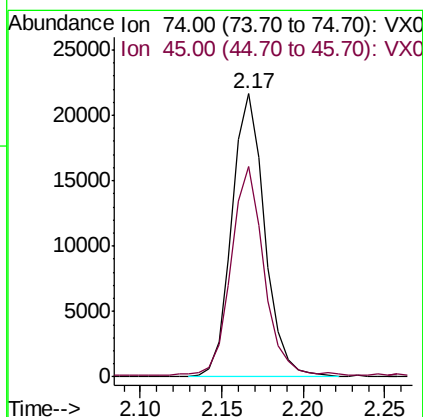
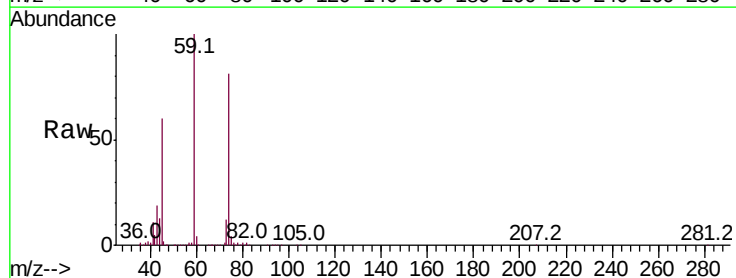
Tot Ion:101 Resp: 77683
Ion Ratio Lower Upper
101 100
103 63.2 54.2 81.4

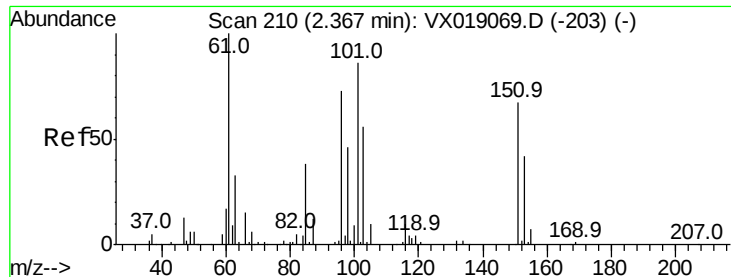


#8

Diethyl Ether
Concen: 18.652 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

Tgt Ion: 74 Resp: 30515
Ion Ratio Lower Upper
74 100
45 73.9 14.5 130.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.806 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

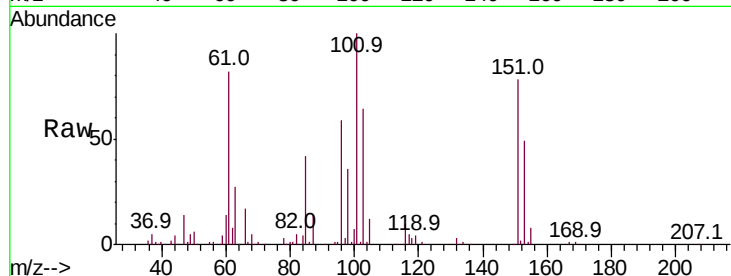
Tot Ion:101 Resp: 39220

Ion Ratio Lower Upper

101 100

85 44.8 0.0 87.0

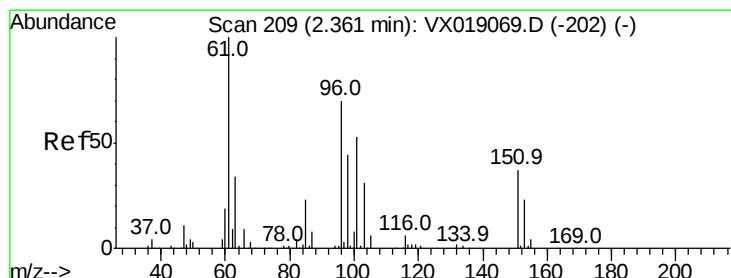
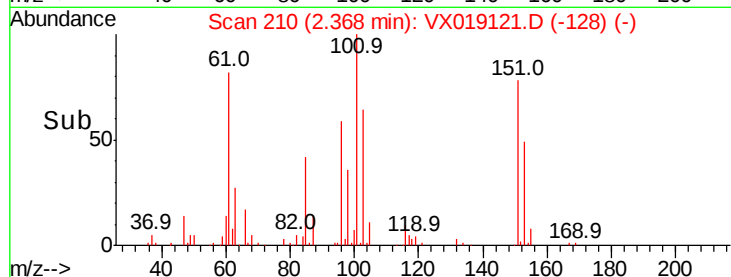
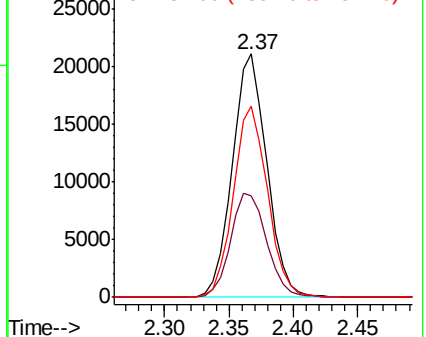
151 77.7 0.0 151.8



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: 18.169 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

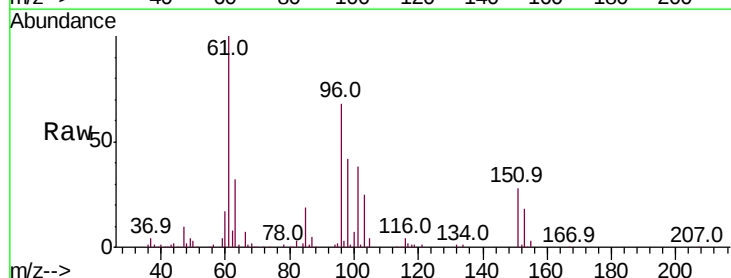
Tgt Ion: 96 Resp: 38521

Ion Ratio Lower Upper

96 100

61 146.7 113.8 170.8

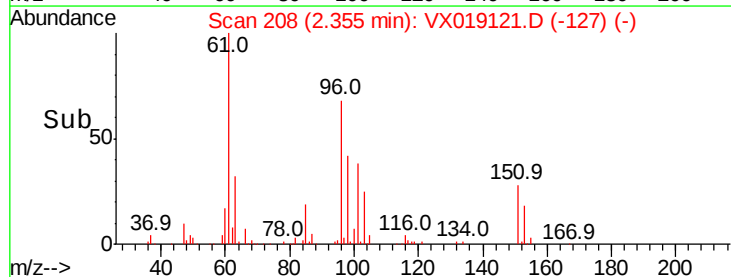
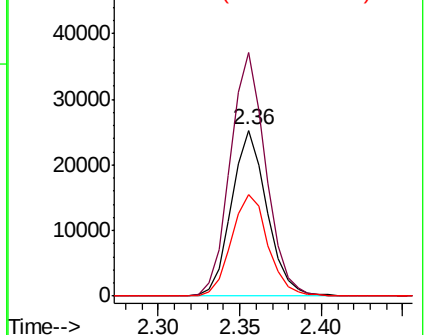
98 61.0 50.4 75.6

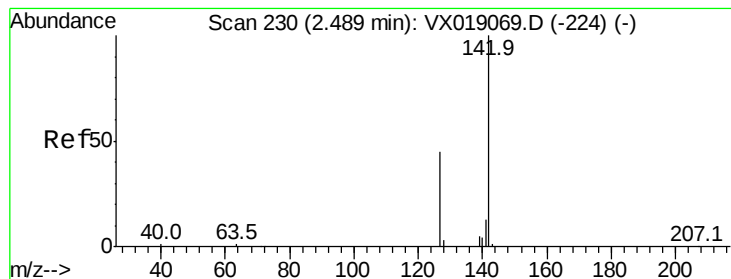


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#11

Methyl Iodide

Concen: 21.190 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

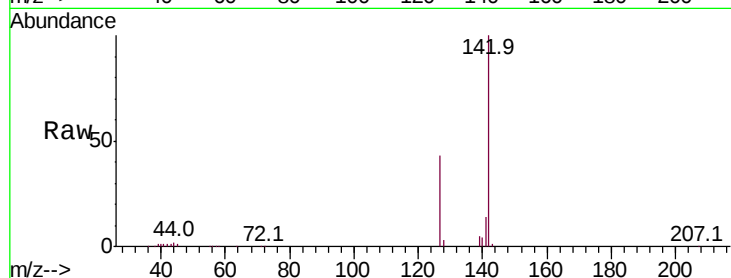
Tot Ion:142 Resp: 38587

Ion Ratio Lower Upper

142 100

127 42.5 22.6 67.7

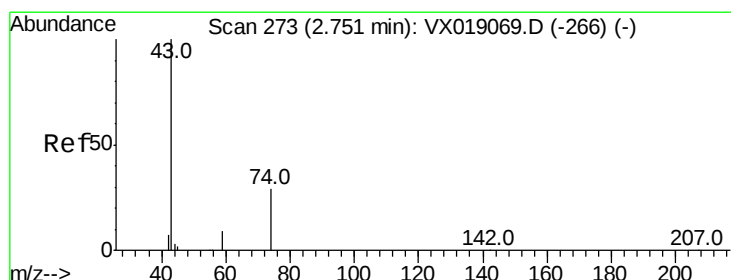
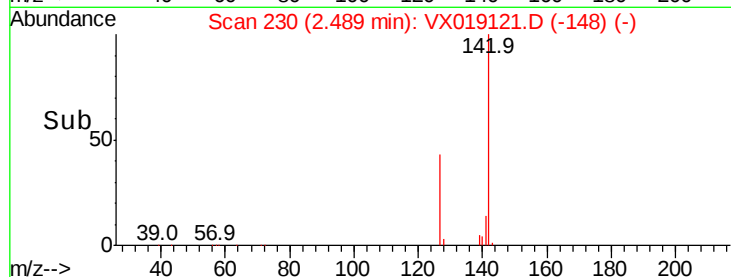
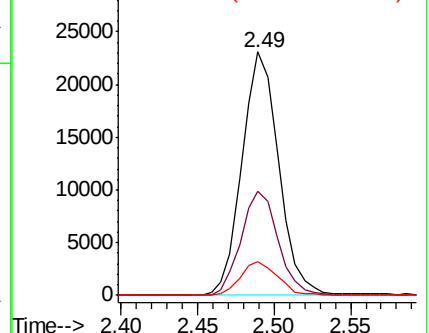
141 14.0 6.3 19.1



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 19.575 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX019121.D

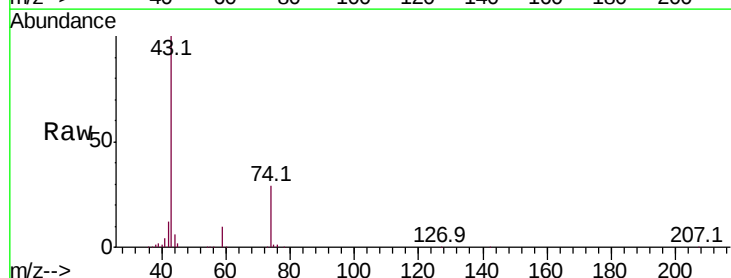
Acq: 26 Oct 2020 16:01

Tgt Ion: 43 Resp: 41085

Ion Ratio Lower Upper

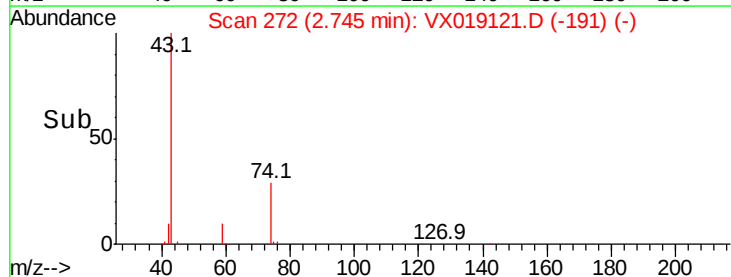
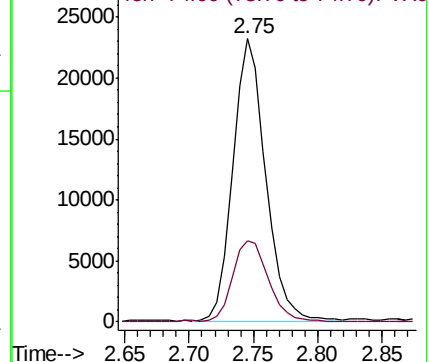
43 100

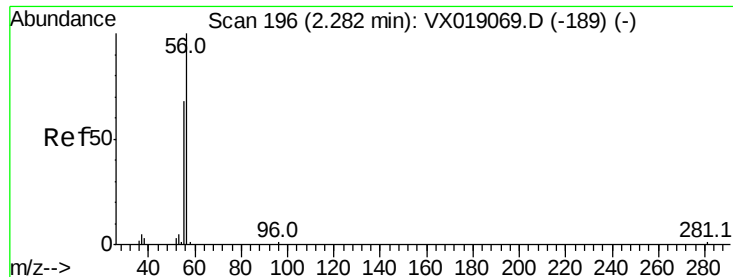
74 28.7 23.9 35.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 110.580 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Instrument :

MSVOA_X

ClientSampleId :

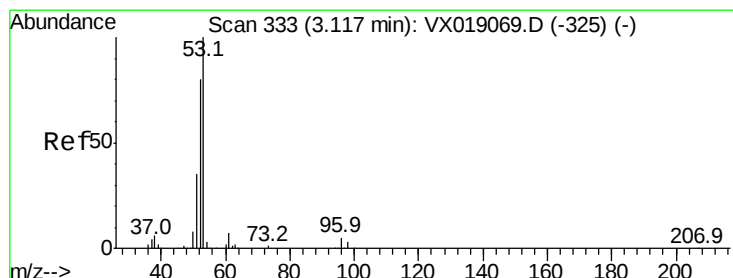
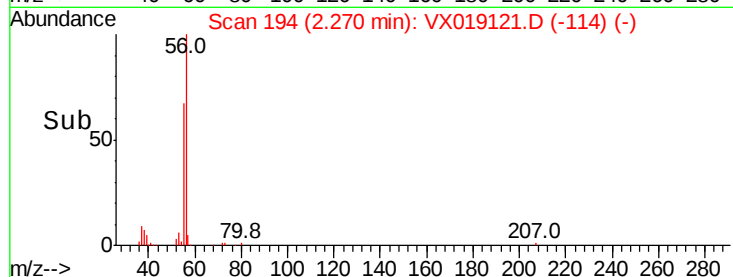
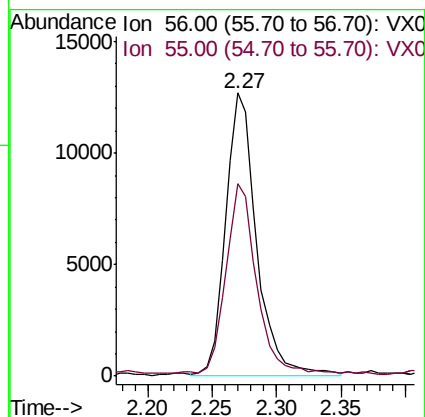
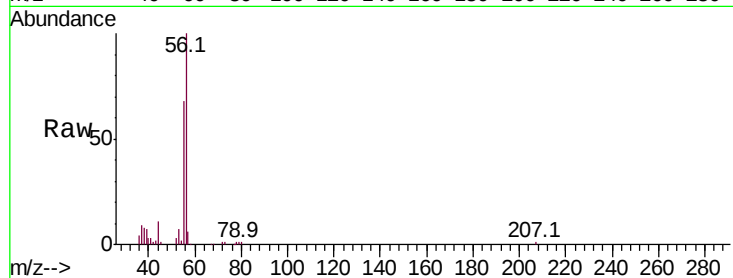
VSTDCCC020EC

Tot Ion: 56 Resp: 21370

Ion Ratio Lower Upper

56 100

55 64.4 58.2 87.2



#14

Acrylonitrile

Concen: 95.575 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

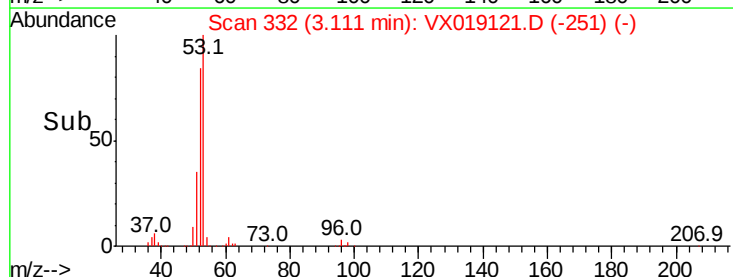
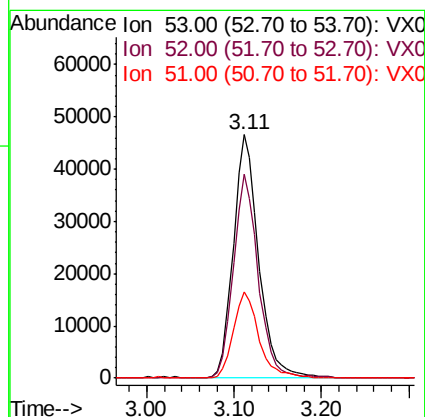
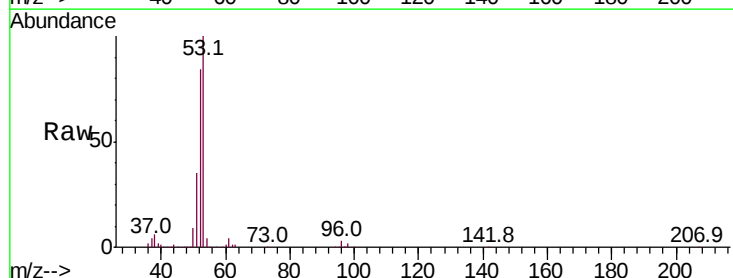
Tgt Ion: 53 Resp: 94240

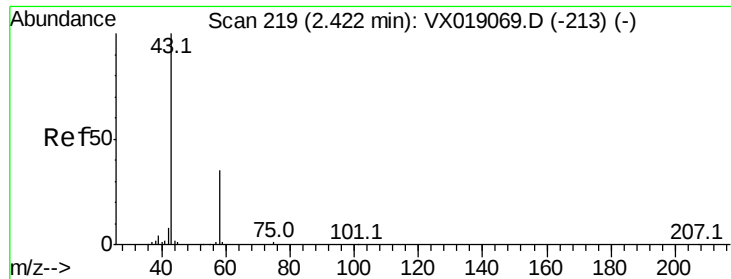
Ion Ratio Lower Upper

53 100

52 81.3 41.0 123.0

51 36.0 18.2 54.6





#15

Acetone

Concen: 104.247 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Instrument :

MSVOA_X

ClientSampleId :

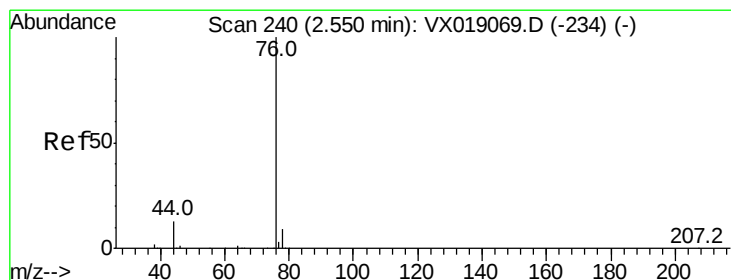
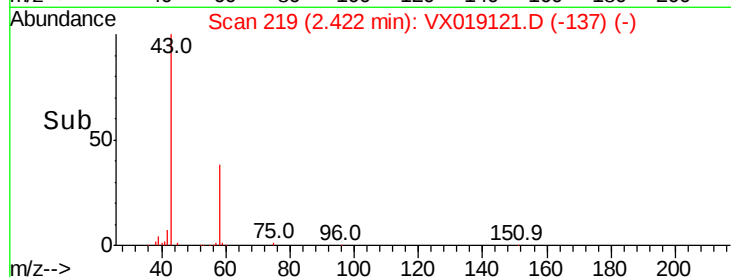
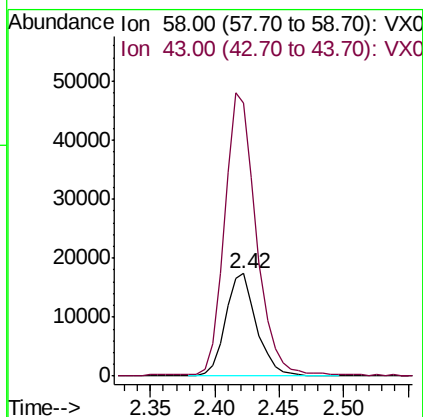
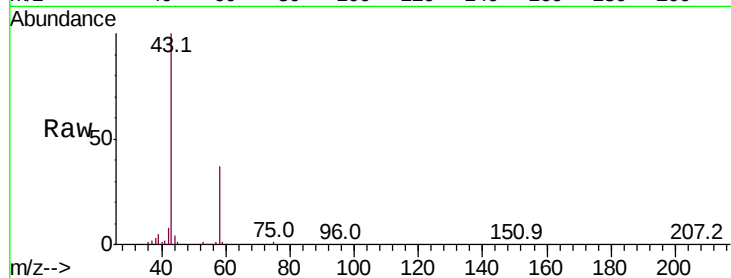
VSTDCCC020EC

Tot Ion: 58 Resp: 29446

Ion Ratio Lower Upper

58 100

43 265.6 226.7 340.1



#16

Carbon Disulfide

Concen: 15.408 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019121.D

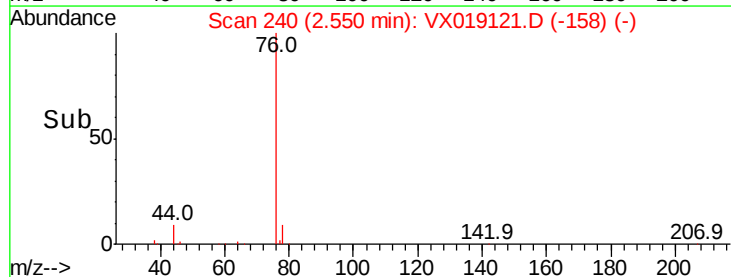
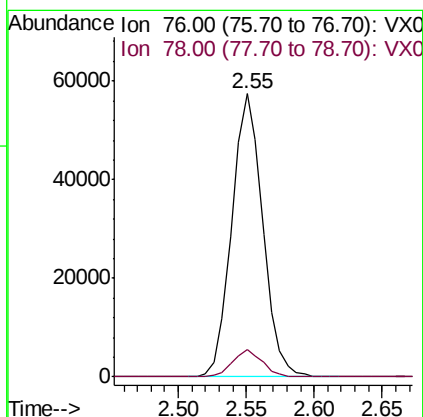
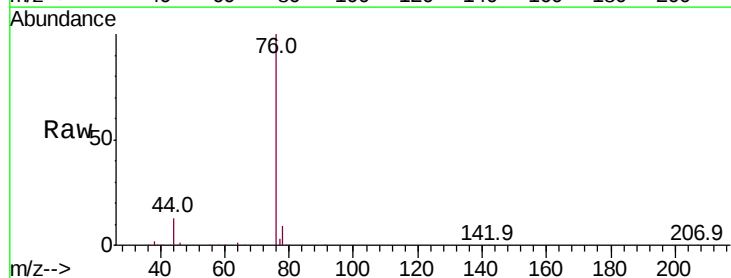
Acq: 26 Oct 2020 16:01

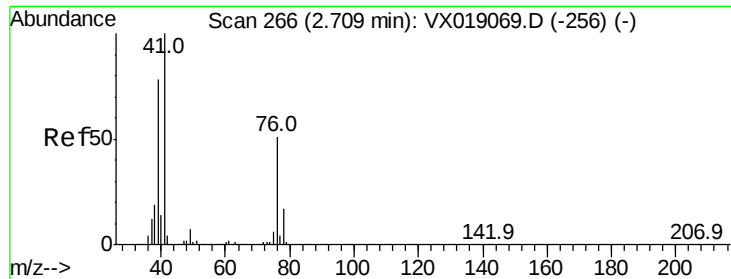
Tgt Ion: 76 Resp: 90800

Ion Ratio Lower Upper

76 100

78 9.5 7.2 10.8

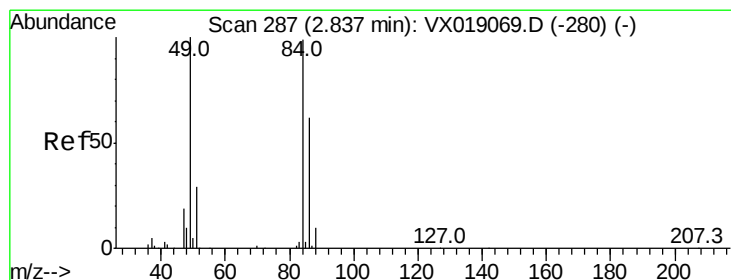
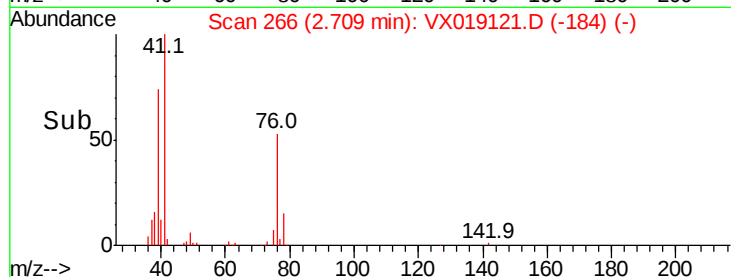
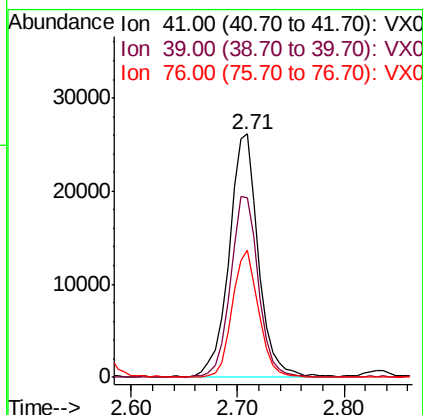
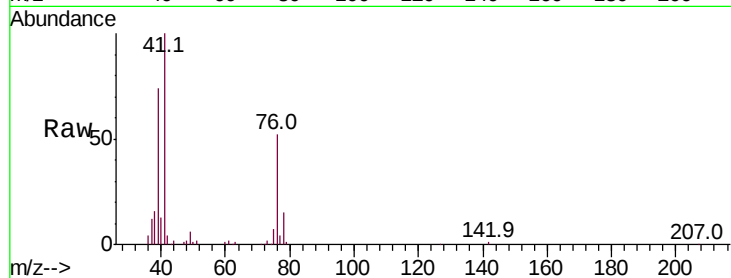




#17
Allvl chloride
Concen: 18.789 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

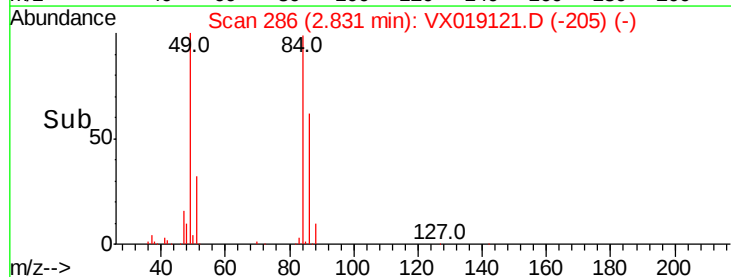
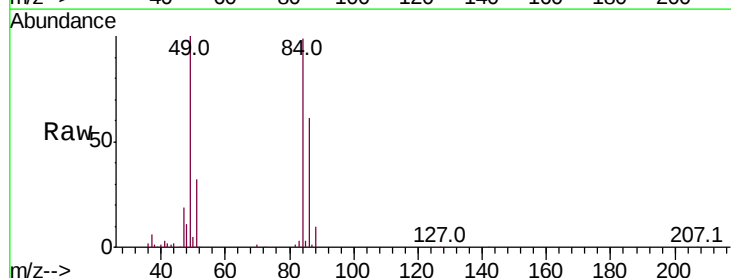
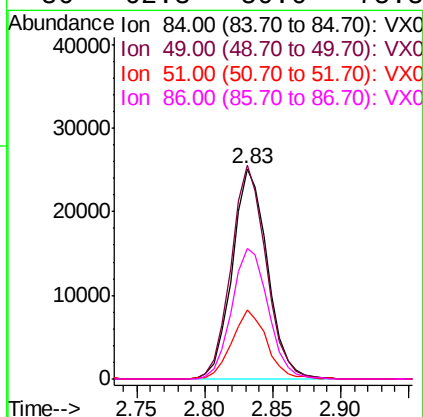
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

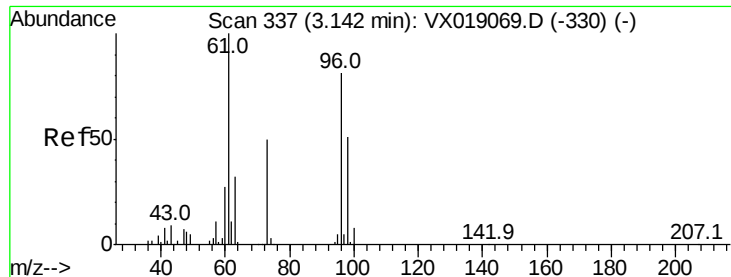
Tot Ion: 41 Resp: 49760
Ion Ratio Lower Upper
41 100
39 73.6 38.8 116.3
76 52.2 25.8 77.4



#18
Methylene Chloride
Concen: 18.711 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

Tgt Ion: 84 Resp: 45241
Ion Ratio Lower Upper
84 100
49 101.5 80.9 121.3
51 32.9 23.8 35.6
86 62.3 50.6 75.8





#19

trans-1,2-Dichloroethene

Concen: 17.705 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

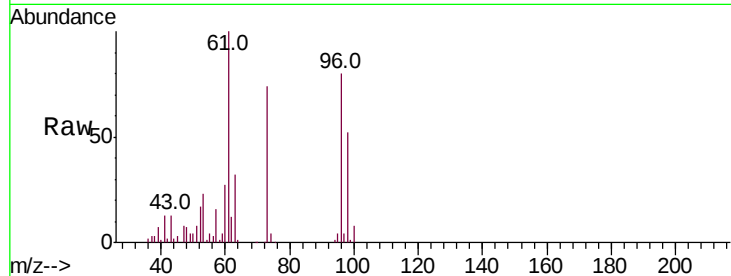
Tot Ion: 96 Resp: 43841

Ion Ratio Lower Upper

96 100

61 124.3 98.4 147.6

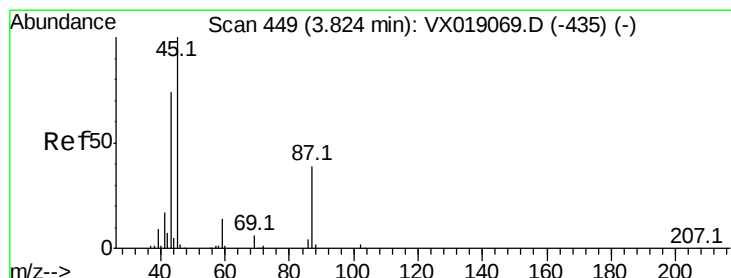
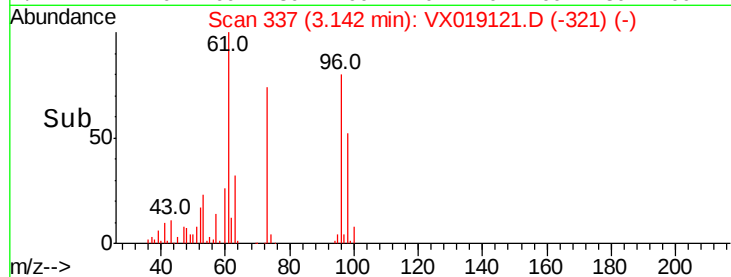
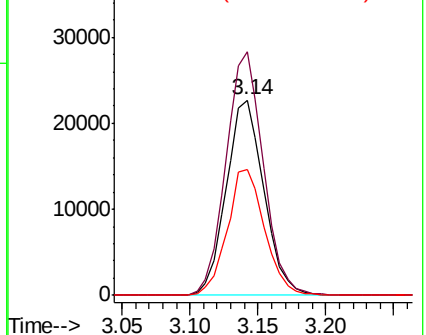
98 64.7 49.9 74.9



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



#20

Diisopropyl ether

Concen: 18.783 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Tgt Ion: 45 Resp: 100770

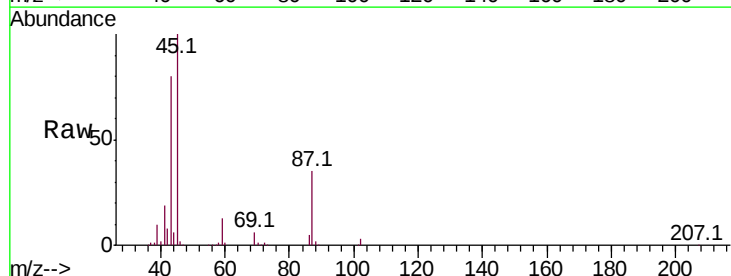
Ion Ratio Lower Upper

45 100

43 78.4 60.6 91.0

87 34.6 30.9 46.3

59 13.5 11.0 16.6

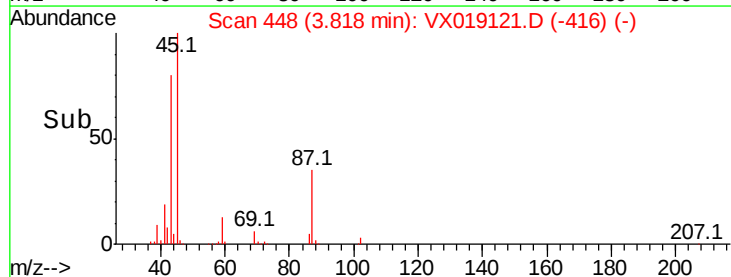
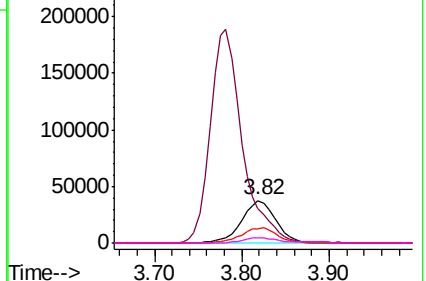


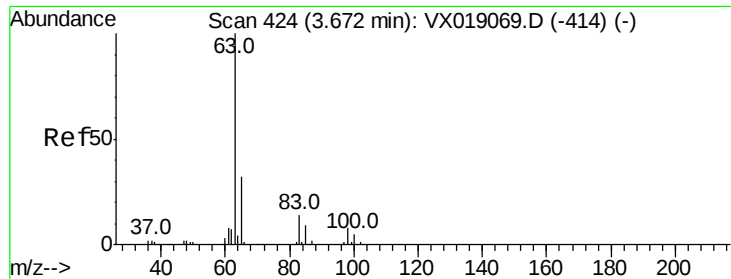
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#21

1,1-Dichloroethane

Concen: 18.882 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

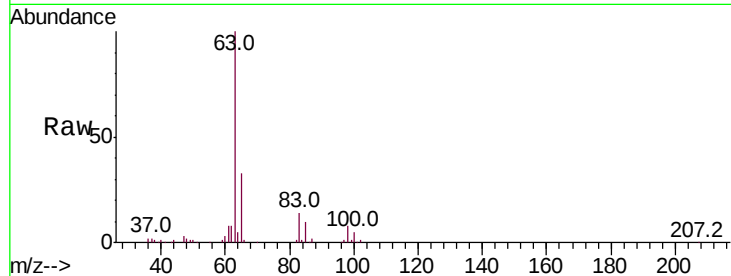
Tot Ion: 63 Resp: 74373

Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.7

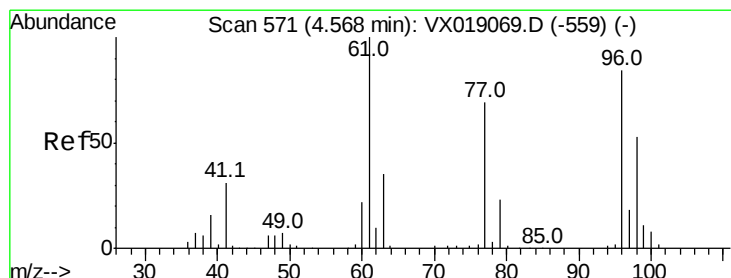
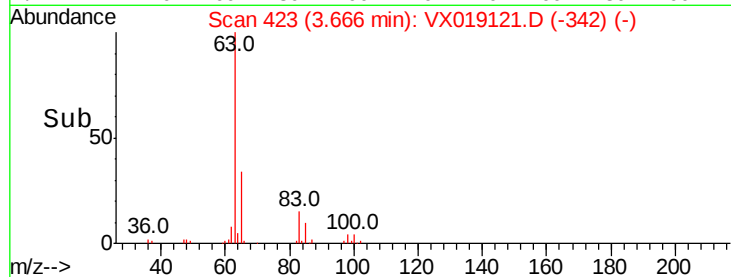
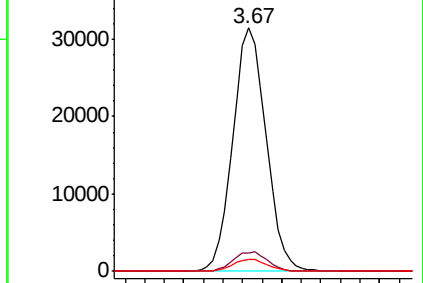
100 4.7 2.4 7.2



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: 18.367 ug/l

RT: 4.56 min Scan# 569

Delta R.T. -0.01 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

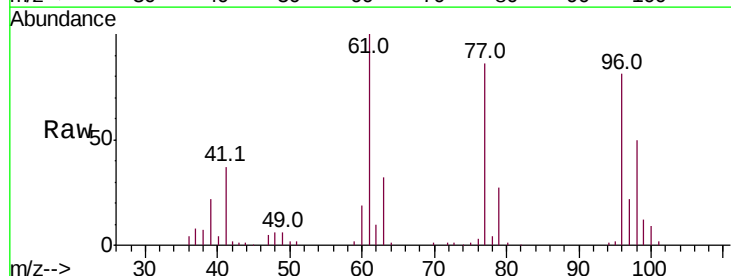
Tgt Ion: 96 Resp: 52683

Ion Ratio Lower Upper

96 100

61 130.8 101.9 152.9

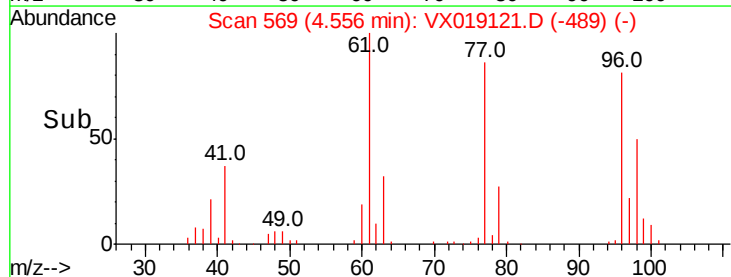
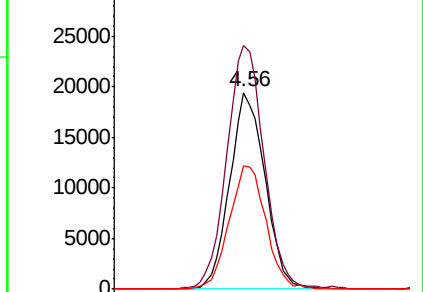
98 64.9 51.3 76.9

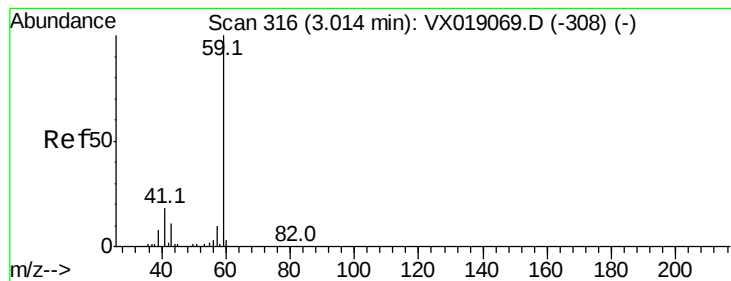


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#23

tert-Butyl Alcohol

Concen: 102.545 ug/l

RT: 3.01 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Instrument :

MSVOA_X

ClientSampleId :

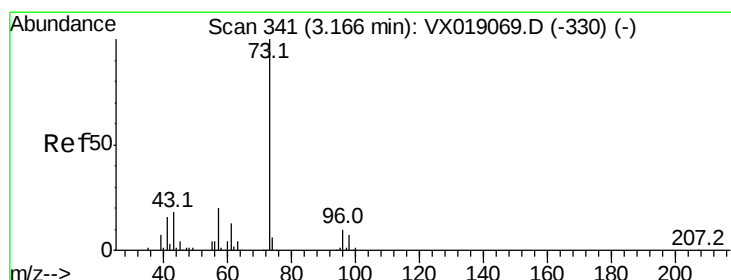
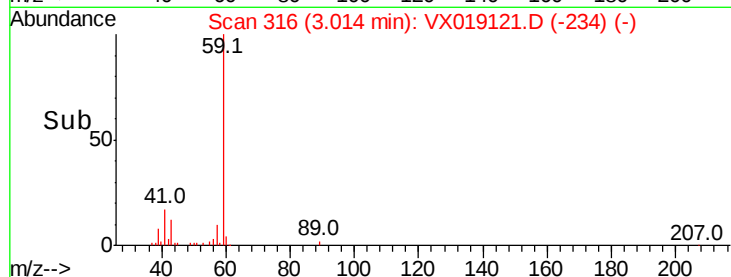
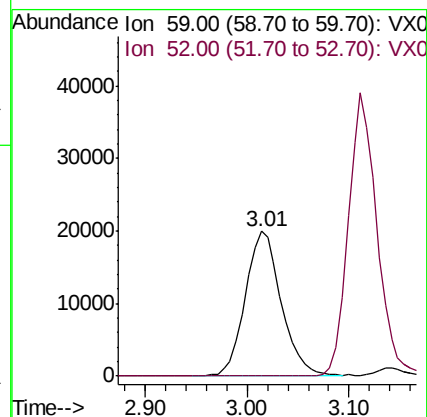
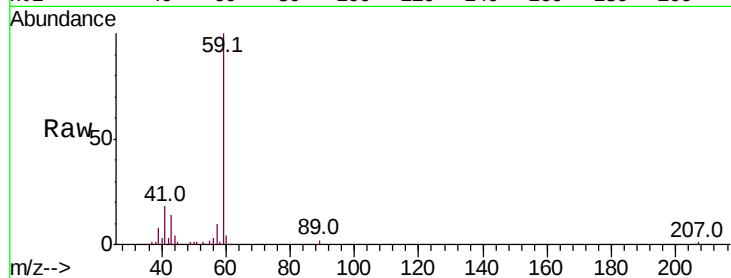
VSTDCCC020EC

Tot Ion: 59 Resp: 49020

Ion Ratio Lower Upper

59 100

52 0.1 0.2 0.4#



#24

Methyl tert-Butyl Ether

Concen: 18.768 ug/l

RT: 3.16 min Scan# 340

Delta R.T. -0.01 min

Lab File: VX019121.D

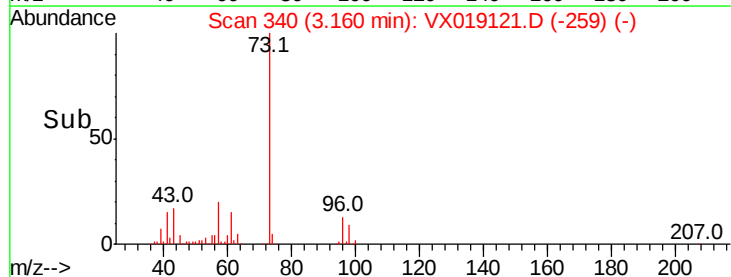
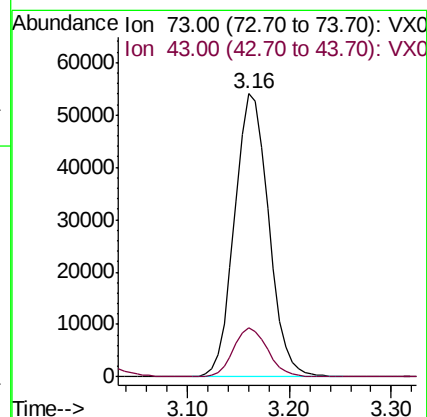
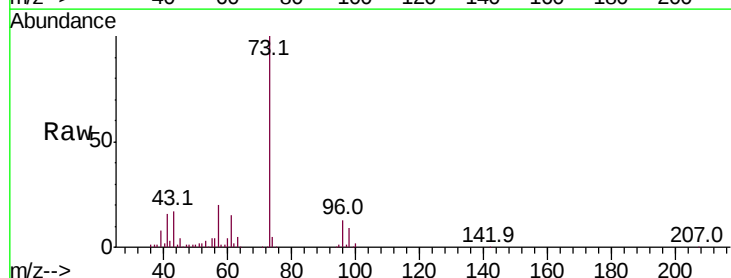
Acq: 26 Oct 2020 16:01

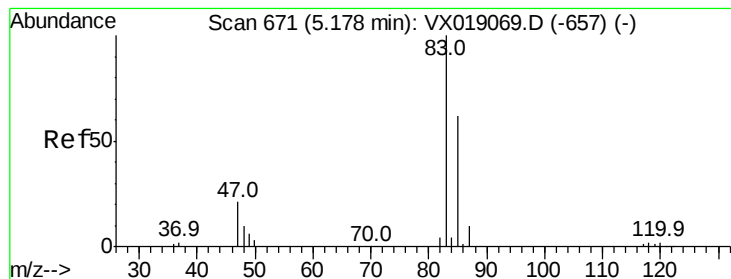
Tgt Ion: 73 Resp: 125818

Ion Ratio Lower Upper

73 100

43 17.5 13.9 20.9





#25

Chloroform

Concen: 19.028 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Instrument :

MSVOA_X

ClientSampleId :

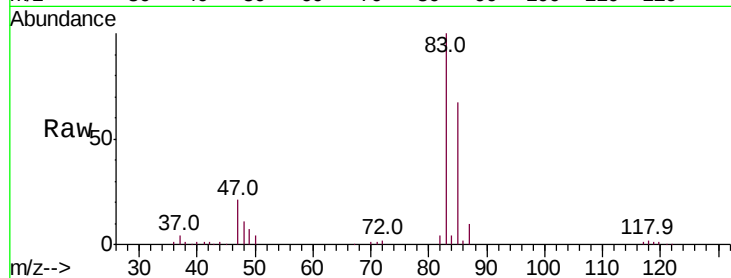
VSTDCCC020EC

Tot Ion: 83 Resp: 83045

Ion Ratio Lower Upper

83 100

85 67.0 49.8 74.8



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

30000

25000

20000

15000

10000

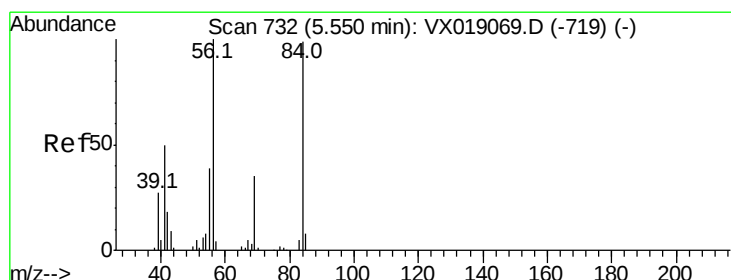
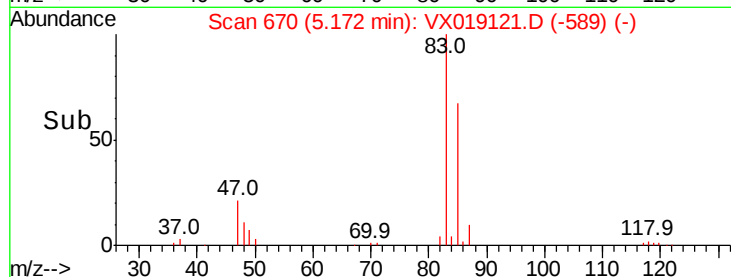
5000

0

Time-->

5.10 5.20 5.30

5.17



#26

Cyclohexane

Concen: 17.377 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

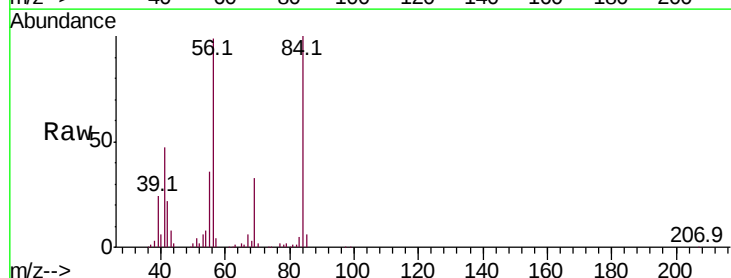
Tgt Ion: 56 Resp: 53190

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 103.8 83.7 125.5



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

30000

20000

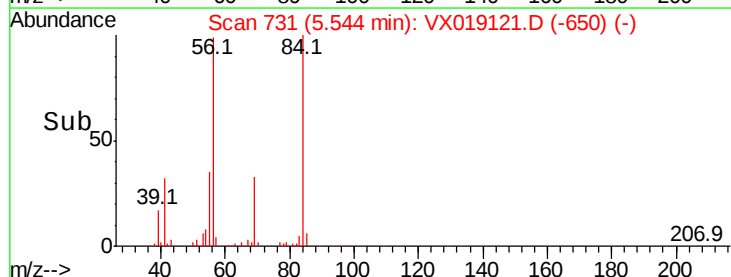
10000

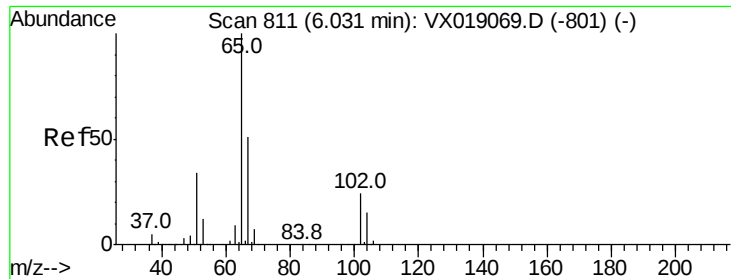
0

Time-->

5.50 5.60

5.54





#27

1,2-Dichloroethane-d4

Concen: 30.498 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Instrument :

MSVOA_X

ClientSampleId :

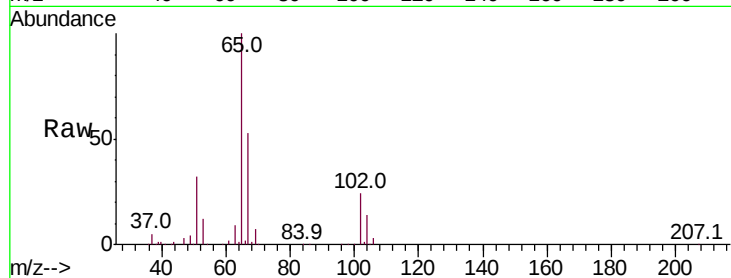
VSTDCCC020EC

Tot Ion: 65 Resp: 85556

Ion Ratio Lower Upper

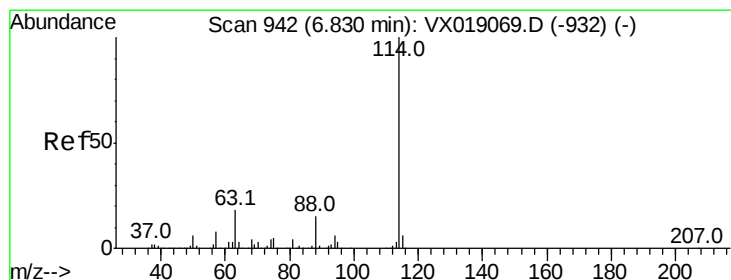
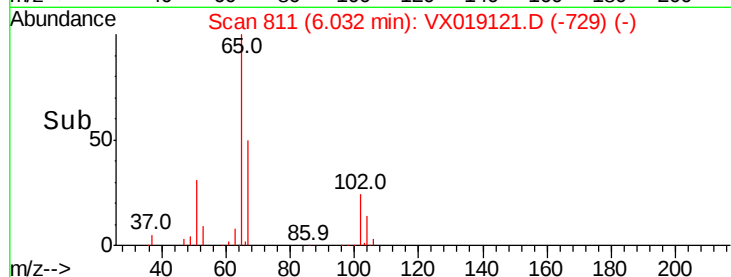
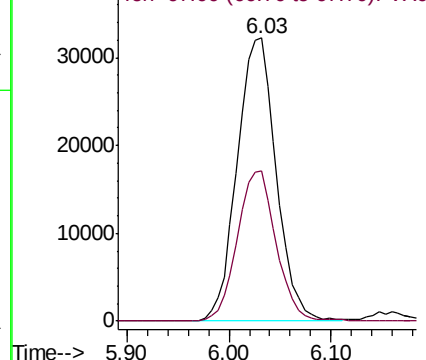
65 100

67 52.6 42.0 63.0



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: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

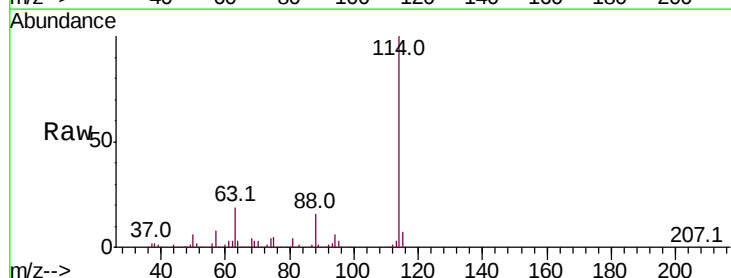
Tgt Ion: 114 Resp: 238846

Ion Ratio Lower Upper

114 100

63 18.4 14.6 21.8

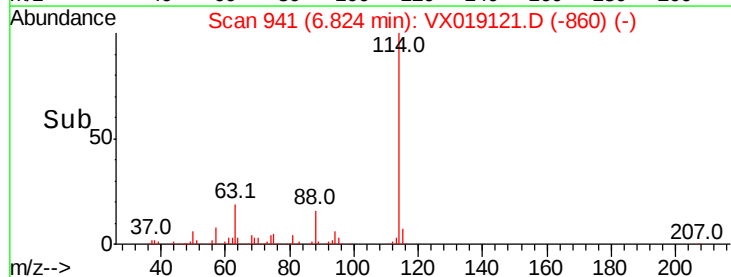
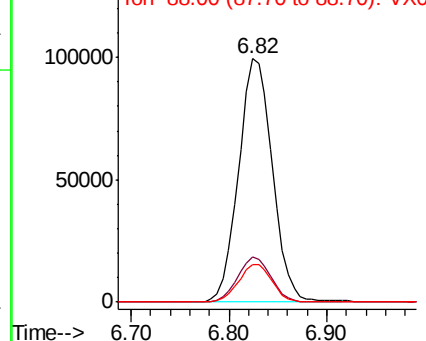
88 15.5 12.2 18.2

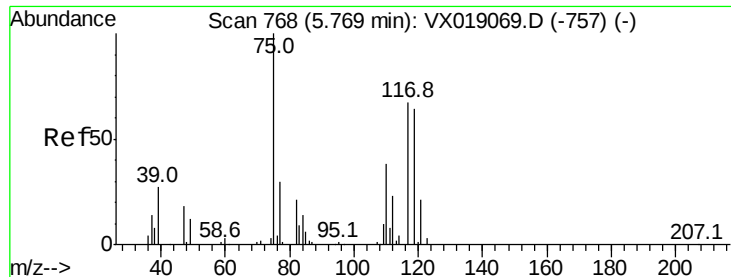


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

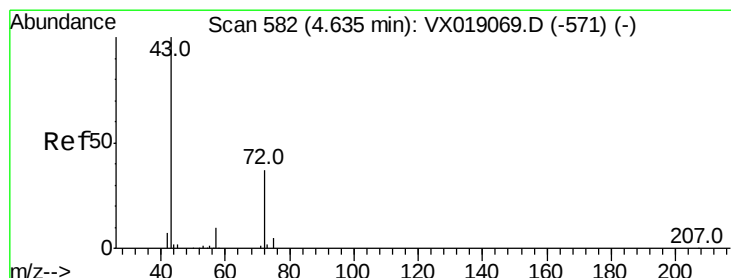
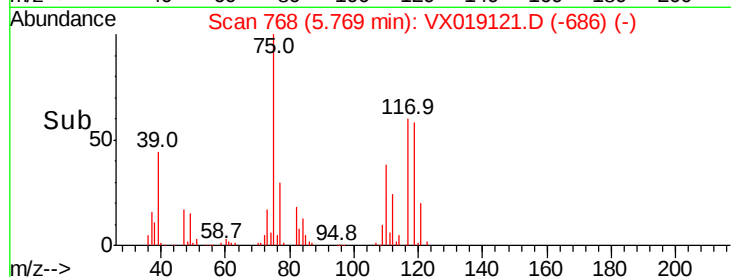
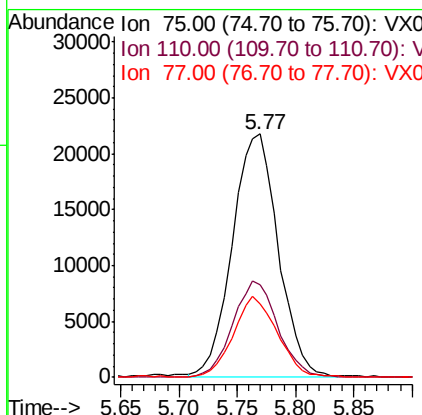
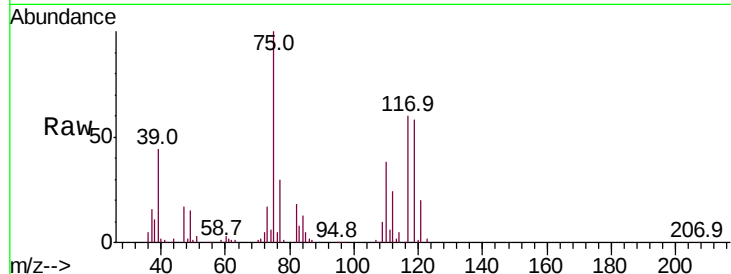




#29
 1,1-Dichloropropene
 Concen: 17.754 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX019121.D
 Acq: 26 Oct 2020 16:01

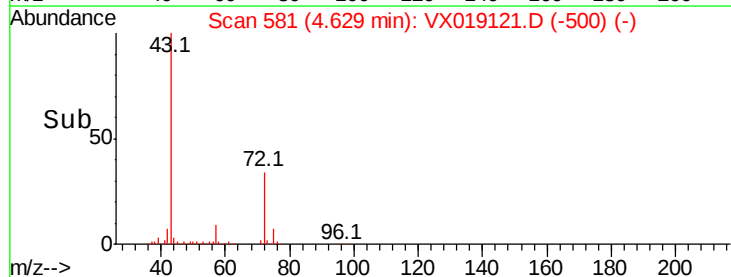
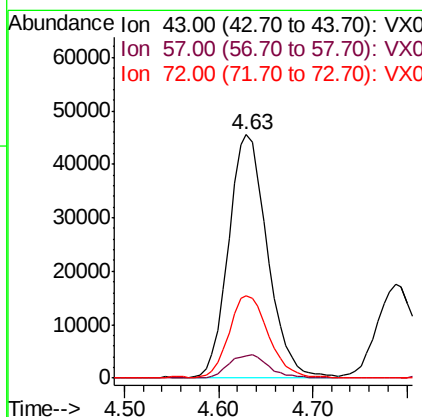
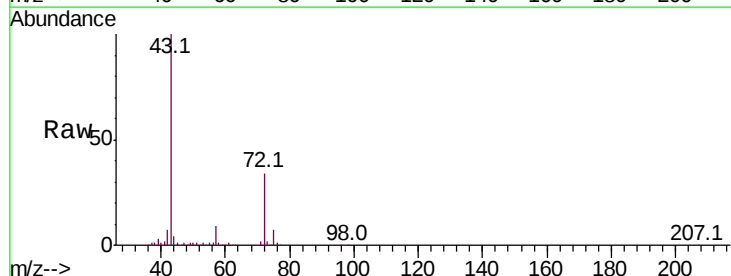
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

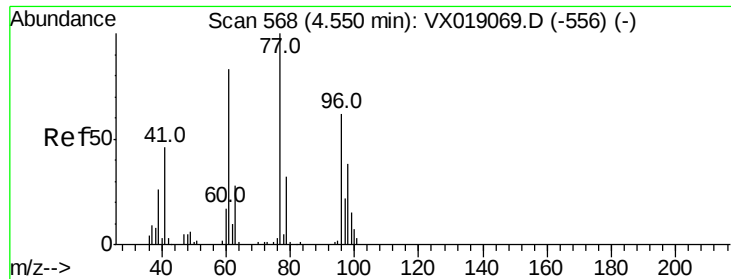
Tot Ion	Ratio	Lower	Upper
75	100		
110	38.7	0.0	77.4
77	31.9	0.0	62.8



#30
 2-Butanone
 Concen: 96.764 ug/l
 RT: 4.63 min Scan# 581
 Delta R.T. -0.01 min
 Lab File: VX019121.D
 Acq: 26 Oct 2020 16:01

Tgt Ion	Ratio	Lower	Upper
43	100		
57	9.8	7.8	11.6
72	34.6	28.1	42.1





#31

2,2-Dichloropropane

Concen: 18.388 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Instrument :

MSVOA_X

ClientSampleId :

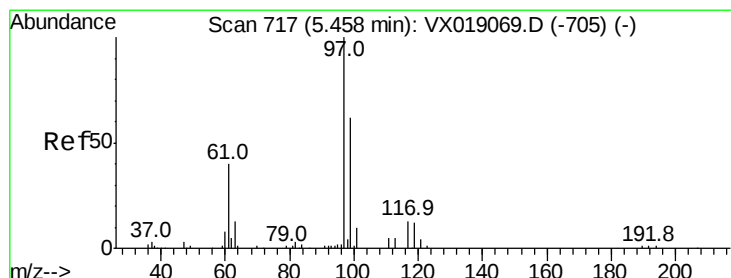
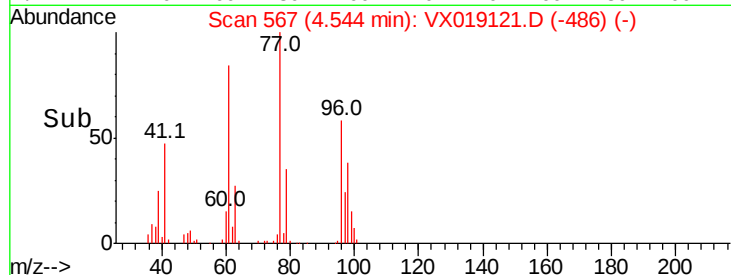
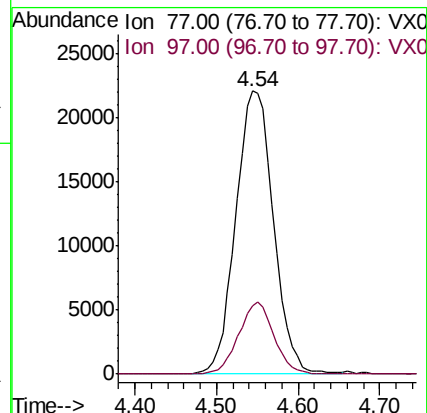
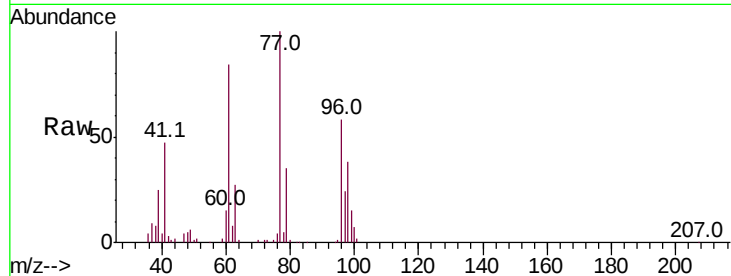
VSTDCCC020EC

Tot Ion: 77 Resp: 70889

Ion Ratio Lower Upper

77 100

97 23.7 19.2 28.8



#32

1,1,1-Trichloroethane

Concen: 17.965 ug/l

RT: 5.46 min Scan# 717

Delta R.T. 0.00 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

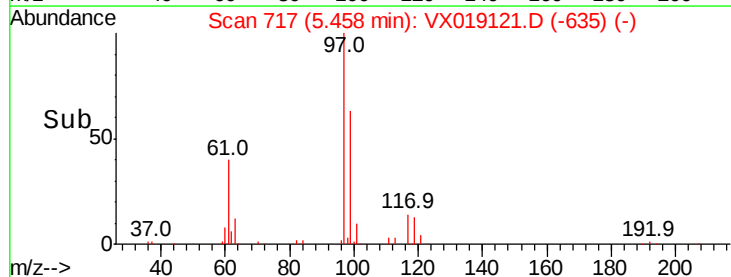
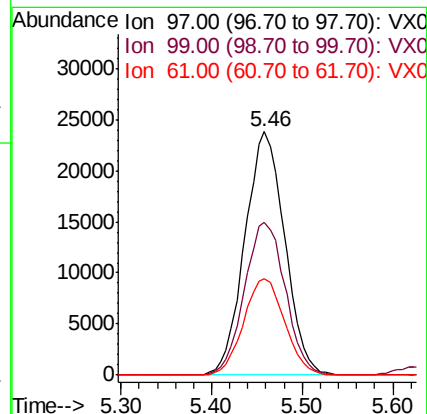
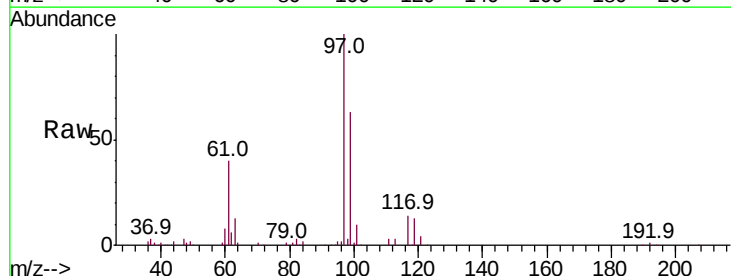
Tgt Ion: 97 Resp: 72755

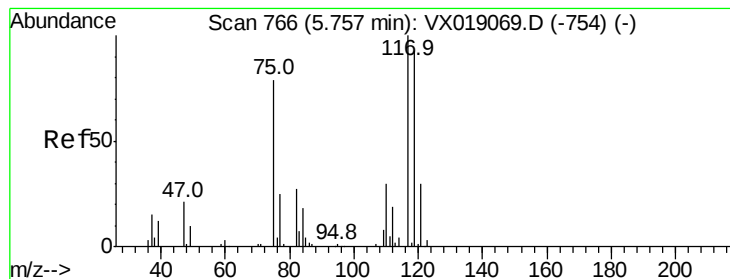
Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.6

61 40.8 32.0 48.0





#33

Carbon Tetrachloride

Concen: 17.744 ug/l

RT: 5.75 min Scan# 765

Delta R.T. -0.01 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

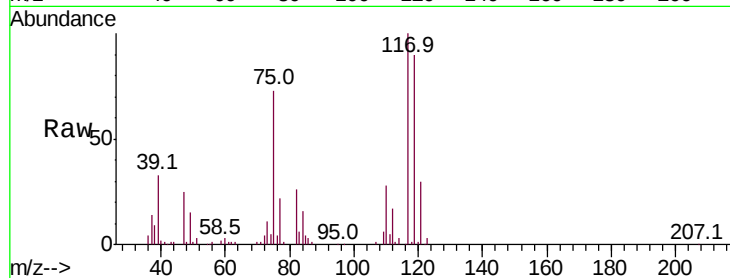
Tot Ion:117 Resp: 62363

Ion Ratio Lower Upper

117 100

119 89.8 74.5 111.7

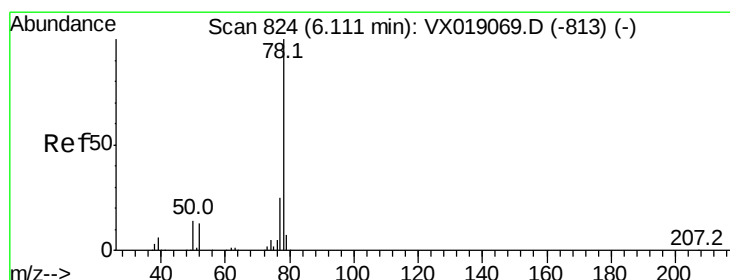
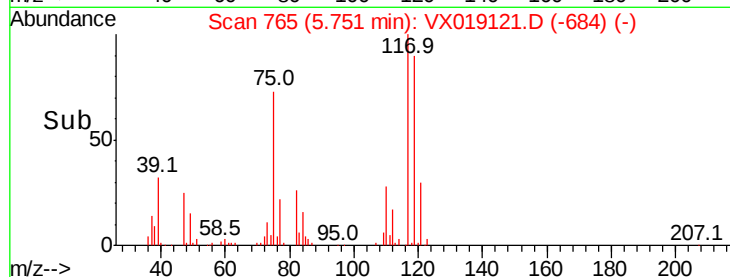
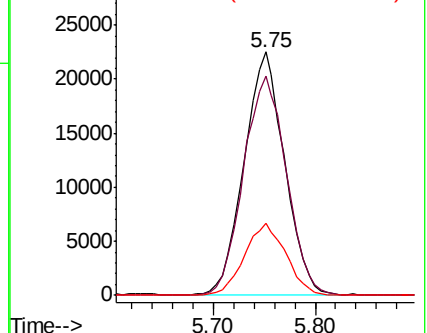
121 29.7 24.1 36.1



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: 18.030 ug/l

RT: 6.11 min Scan# 824

Delta R.T. 0.00 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

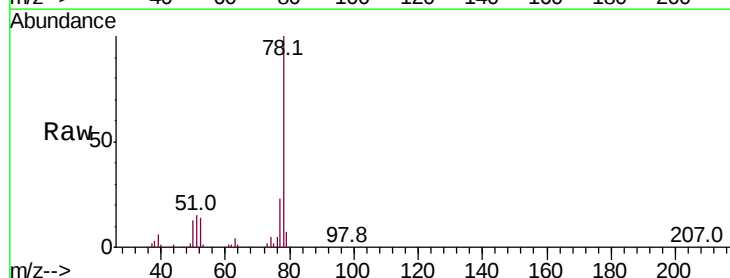
Tgt Ion: 78 Resp: 178751

Ion Ratio Lower Upper

78 100

77 22.9 20.1 30.1

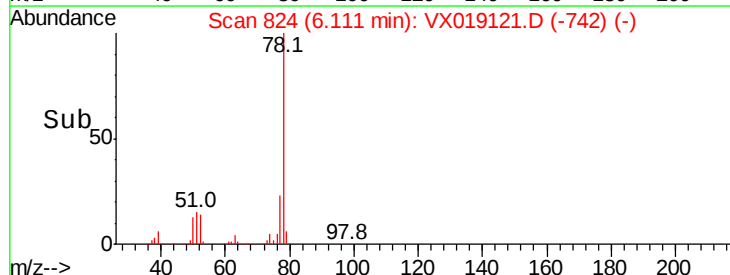
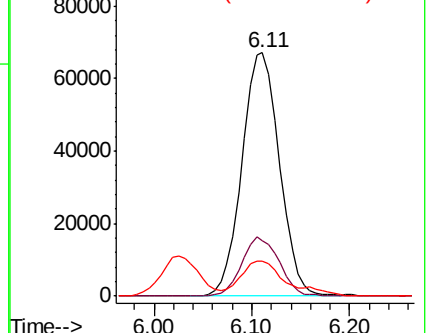
51 14.0 11.0 16.4

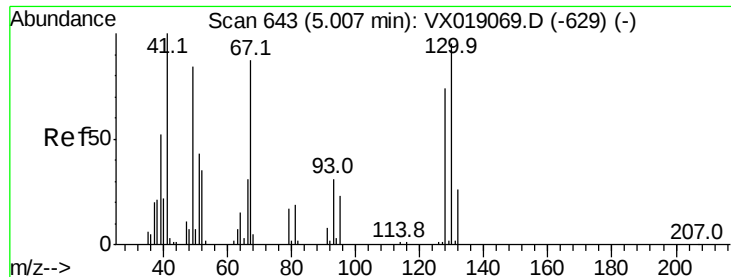


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

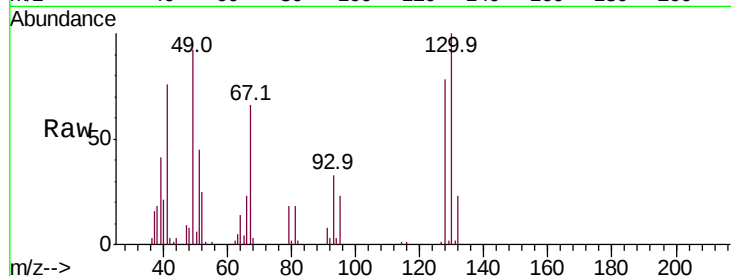




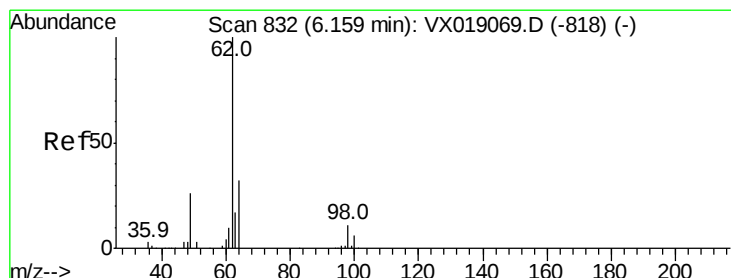
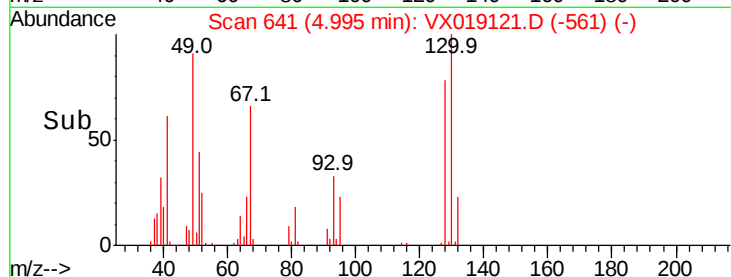
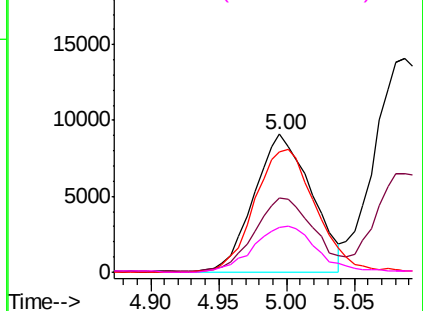
#35
Methacrylonitrile
Concen: 18.474 ug/l
RT: 5.00 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 41 Resp: 26846
Ion Ratio Lower Upper
41 100
39 53.6 25.8 77.4
67 87.2 43.6 130.8
52 32.8 17.3 51.7

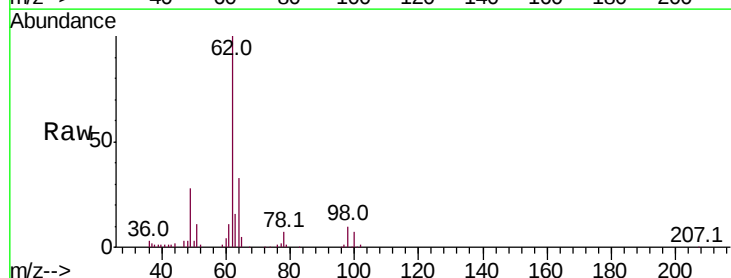


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

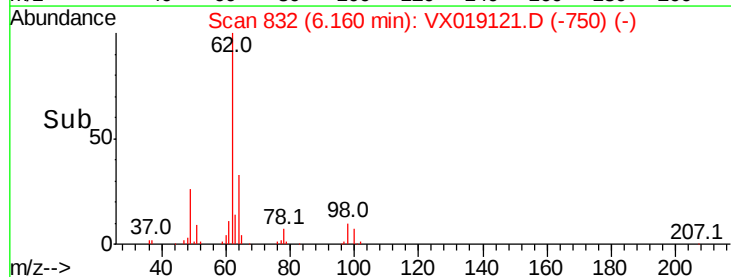
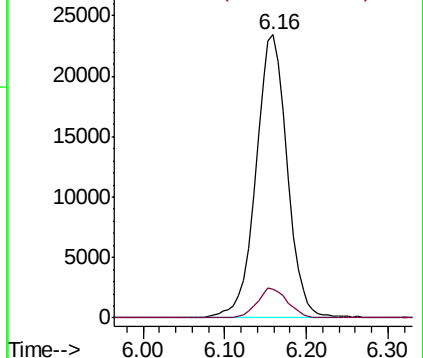


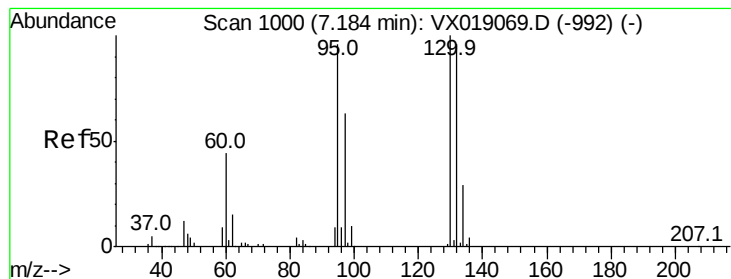
#36
1,2-Dichloroethane
Concen: 18.411 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

Tgt Ion: 62 Resp: 62614
Ion Ratio Lower Upper
62 100
98 10.1 8.4 12.6



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#37

Trichloroethene

Concen: 18.151 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Instrument :

MSVOA_X

ClientSampleId :

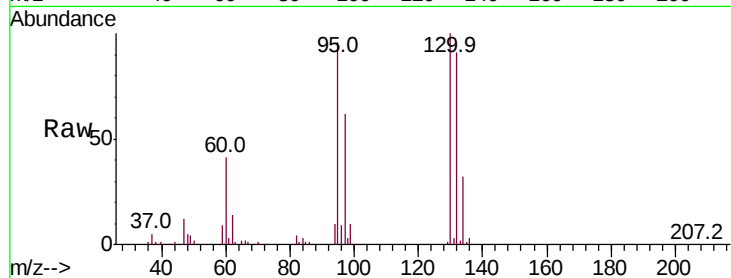
VSTDCCC020EC

Tot Ion:130 Resp: 51726

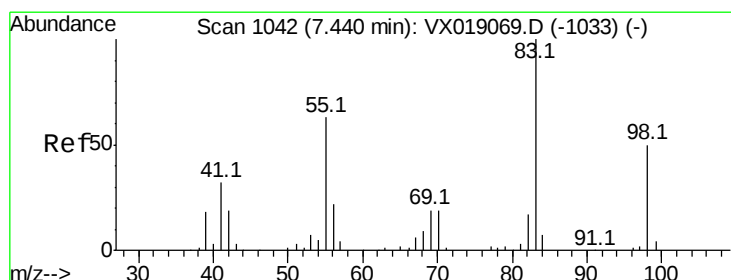
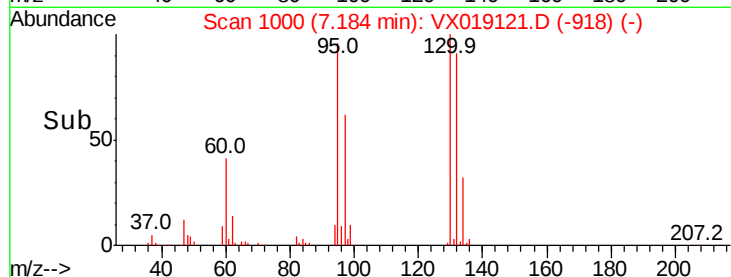
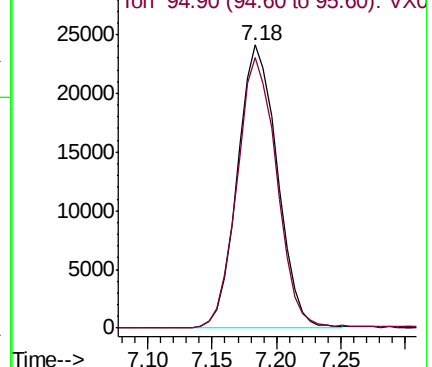
Ion Ratio Lower Upper

130 100

95 95.7 76.8 115.2



Abundance Ion 129.90 (129.60 to 130.60): V



#38

Methylcyclohexane

Concen: 17.073 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

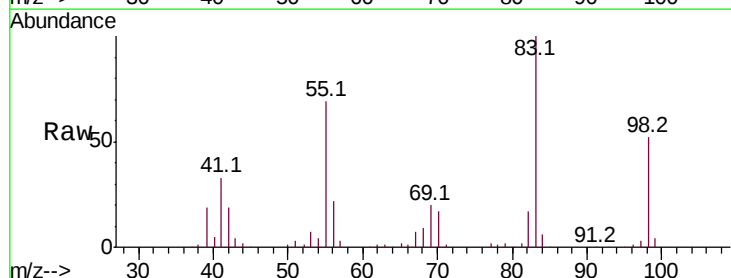
Tgt Ion: 83 Resp: 64482

Ion Ratio Lower Upper

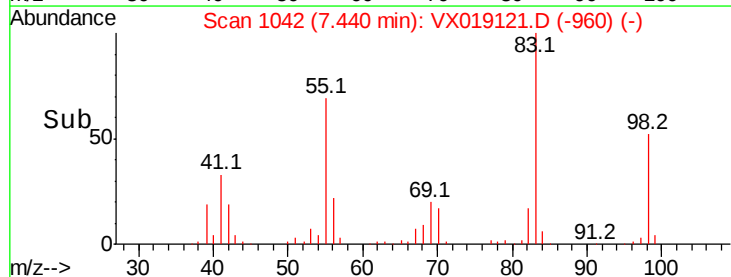
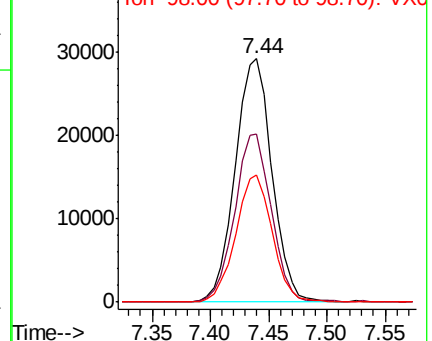
83 100

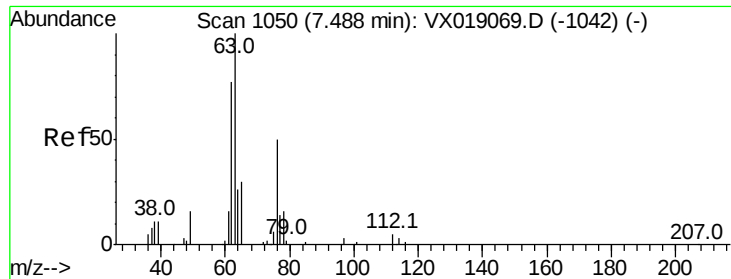
55 68.4 32.3 96.8

98 51.7 25.7 77.1



Abundance Ion 83.00 (82.70 to 83.70): VX0





#39

1,2-Dichloropropane

Concen: 18.977 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Instrument :

MSVOA_X

ClientSampleId :

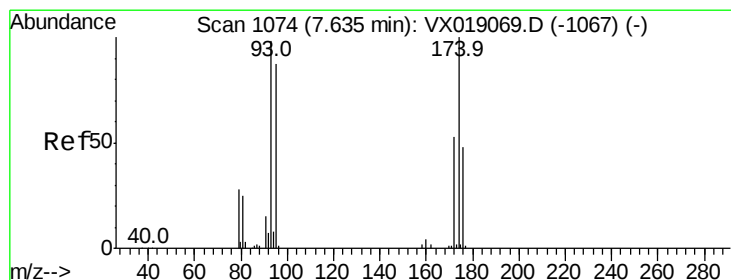
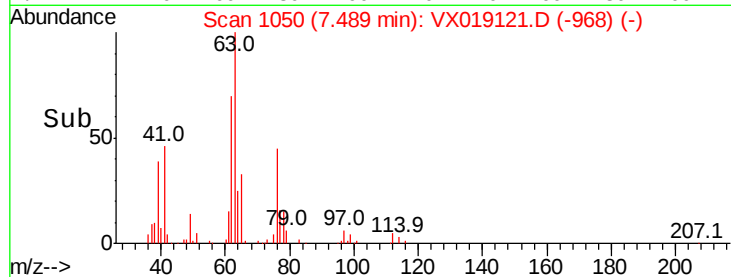
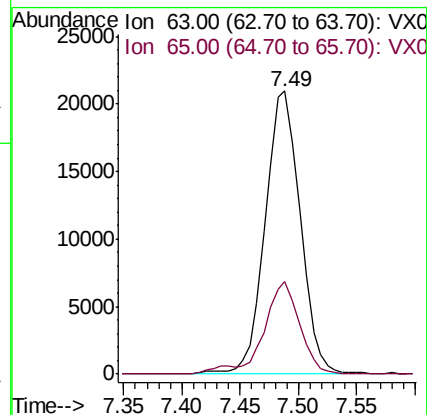
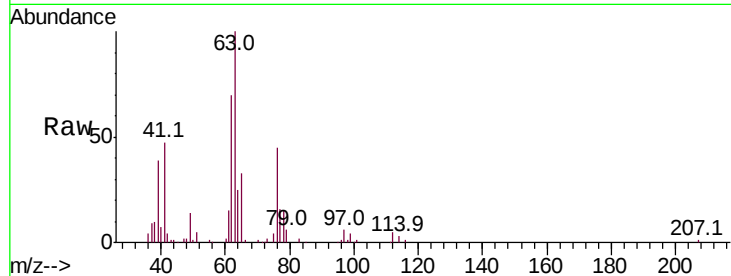
VSTDCCC020EC

Tot Ion: 63 Resp: 43672

Ion Ratio Lower Upper

63 100

65 32.3 25.8 38.8



#40

Dibromomethane

Concen: 18.057 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

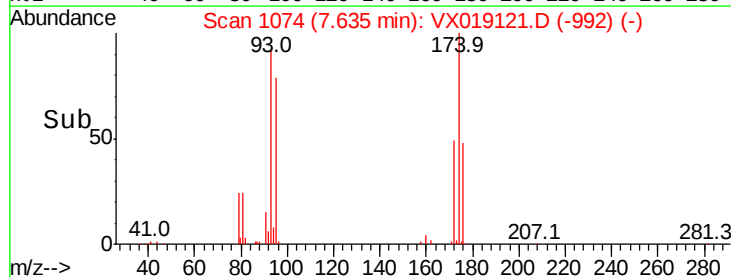
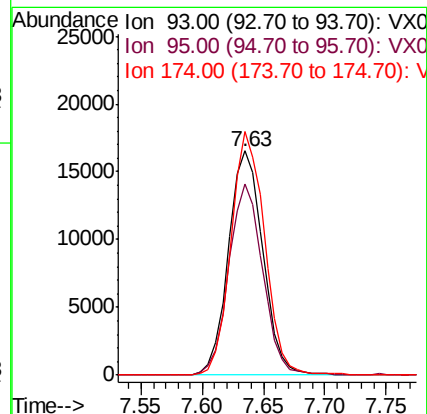
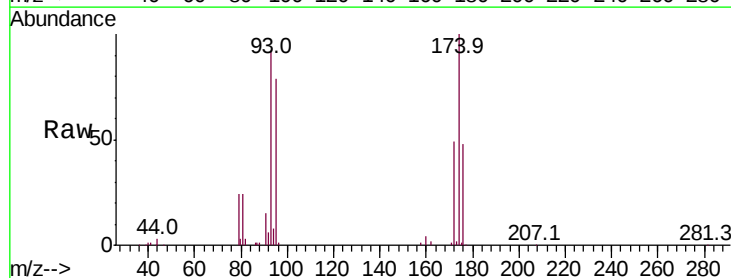
Tgt Ion: 93 Resp: 32250

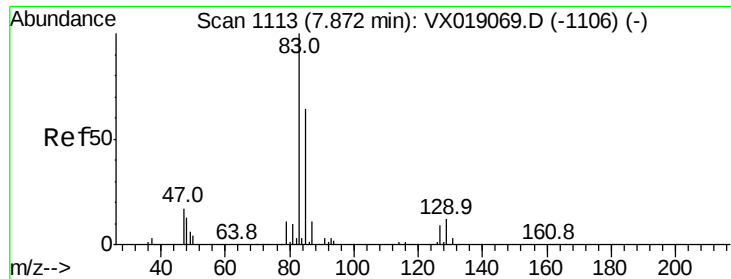
Ion Ratio Lower Upper

93 100

95 84.0 0.0 169.0

174 105.6 0.0 205.4

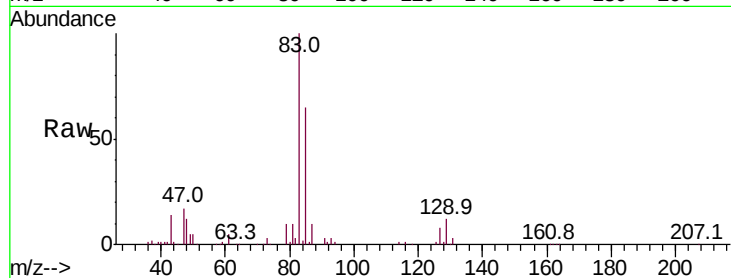




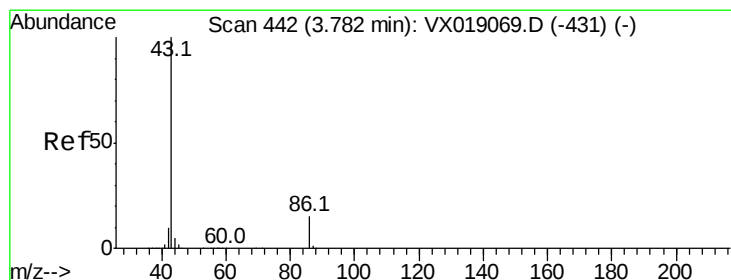
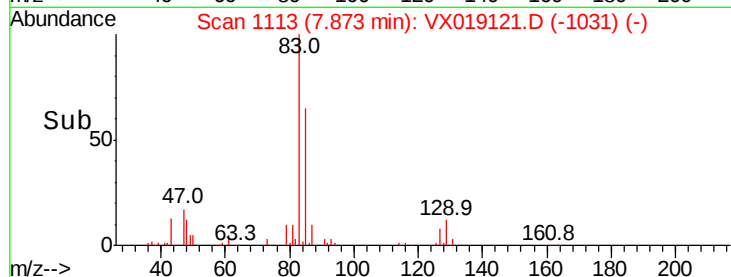
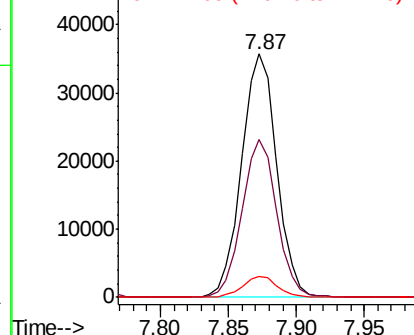
#41
Bromodichloromethane
Concen: 18.292 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 83 Resp: 64591
Ion Ratio Lower Upper
83 100
85 65.0 51.2 76.8
127 8.5 7.1 10.7

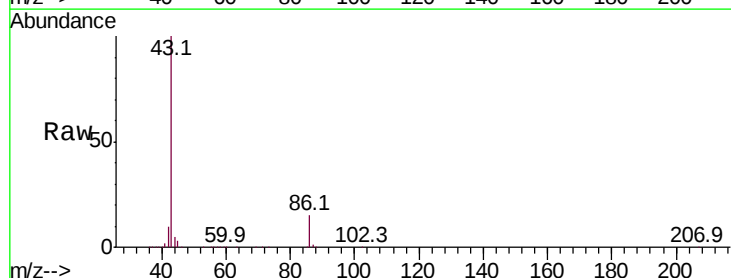


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0
Ion 127.00 (126.70 to 127.70): V

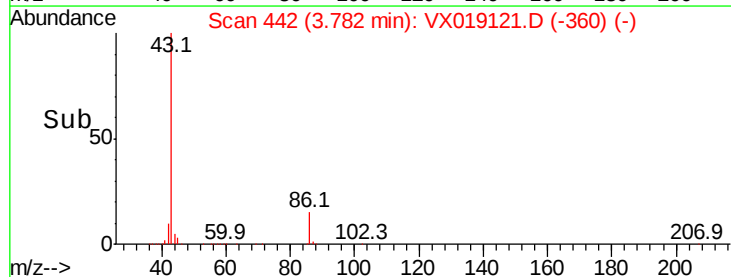
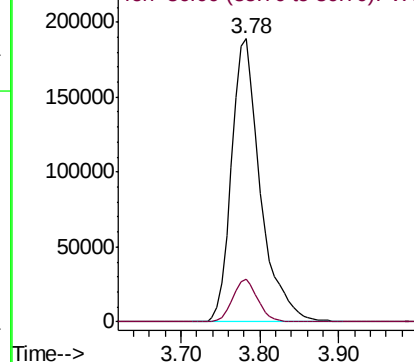


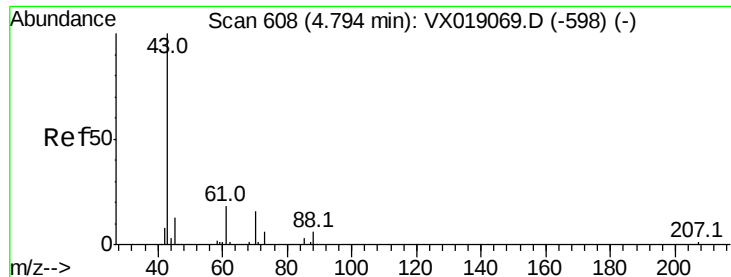
#42
Vinyl Acetate
Concen: 92.202 ug/l
RT: 3.78 min Scan# 442
Delta R.T. 0.00 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

Tgt Ion: 43 Resp: 481568
Ion Ratio Lower Upper
43 100
86 13.2 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0

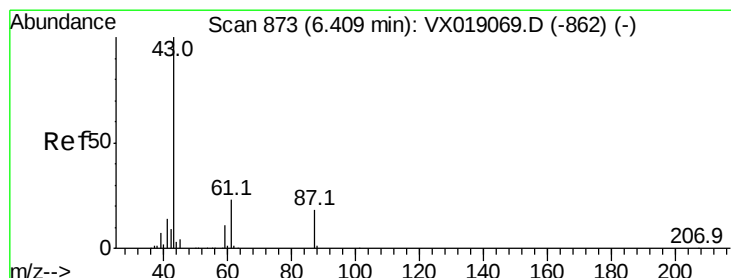
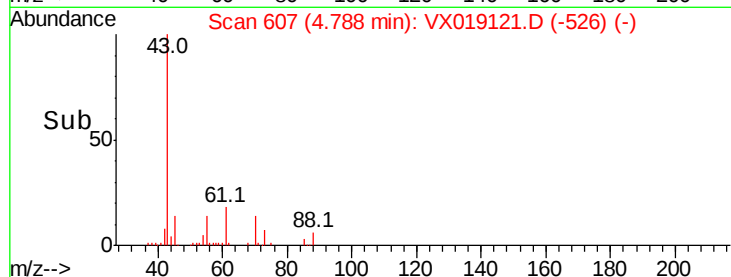
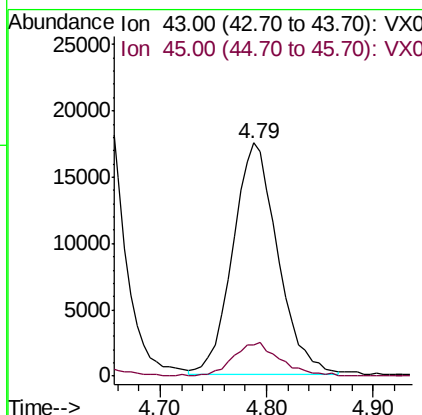
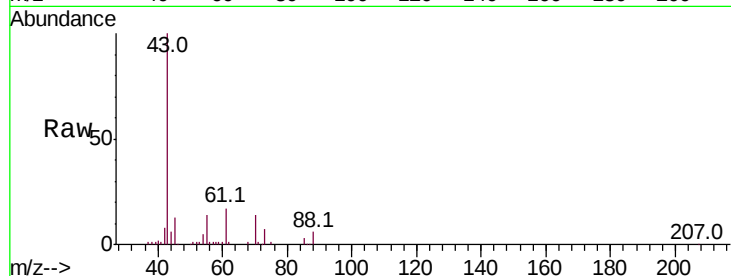




#43
Ethyl Acetate
Concen: 18.443 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

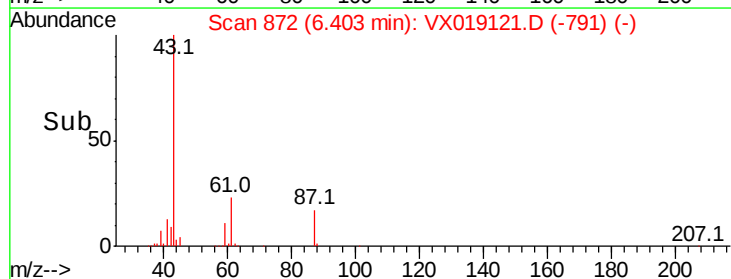
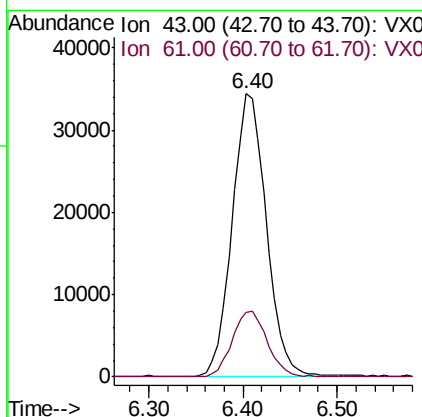
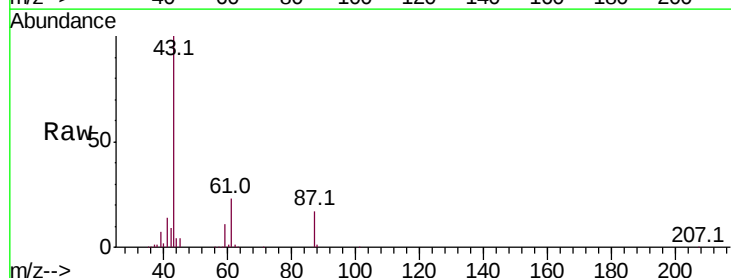
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

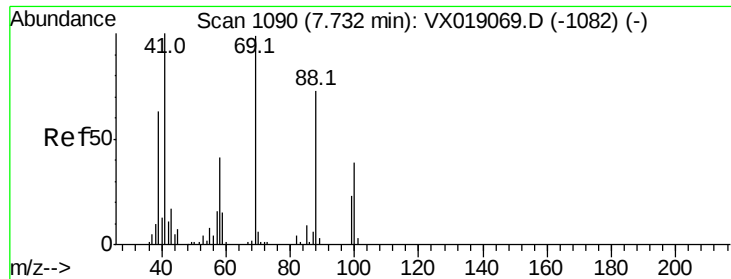
Tot Ion: 43 Resp: 51936
Ion Ratio Lower Upper
43 100
45 14.8 12.7 19.1



#44
Isopropyl Acetate
Concen: 18.373 ug/l
RT: 6.40 min Scan# 872
Delta R.T. -0.01 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

Tgt Ion: 43 Resp: 86636
Ion Ratio Lower Upper
43 100
61 23.8 19.1 28.7

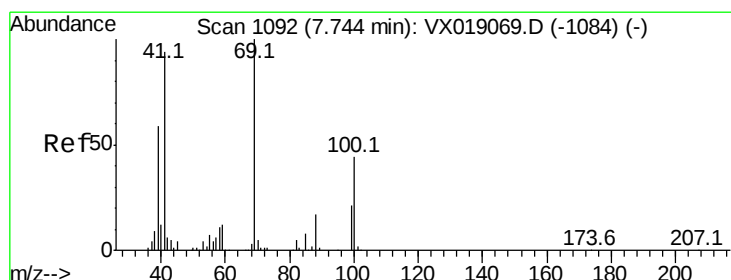
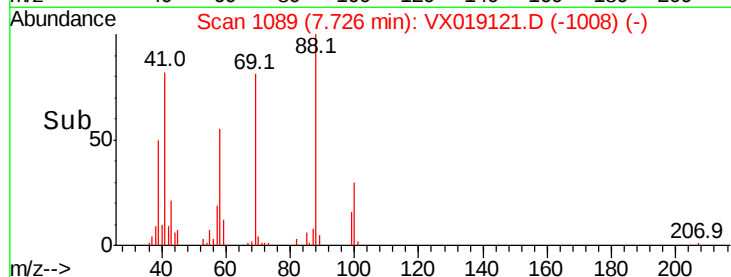
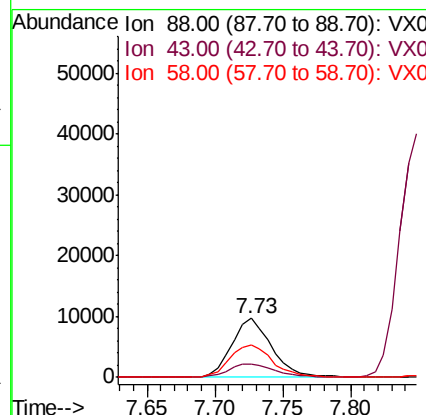
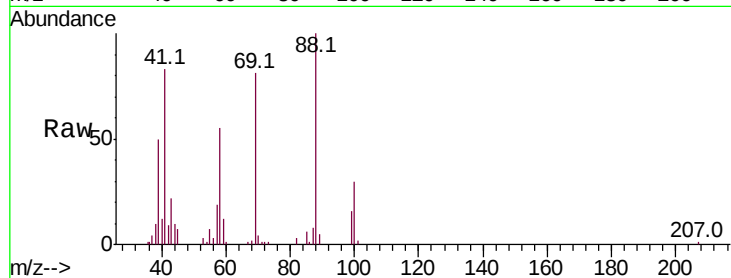




#45
 1,4-Dioxane
 Concen: 400.350 ug/l
 RT: 7.73 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VX019121.D
 Acq: 26 Oct 2020 16:01

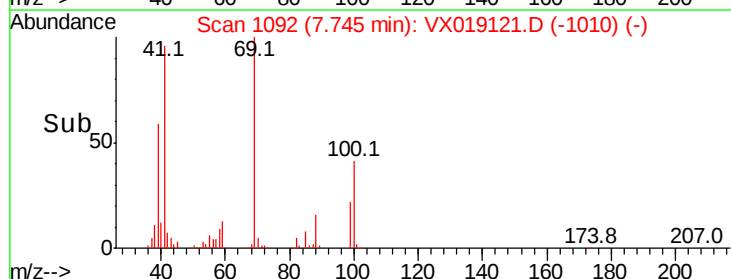
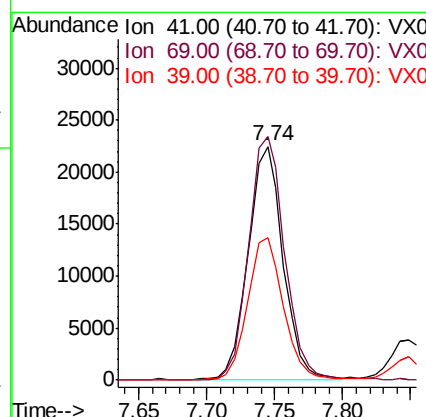
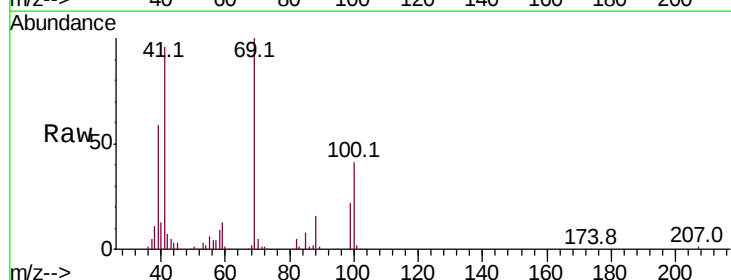
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

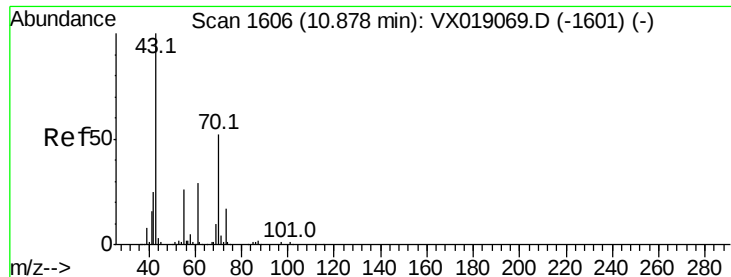
Tot Ion: 88 Resp: 19843
 Ion Ratio Lower Upper
 88 100
 43 24.8 20.5 30.7
 58 58.8 47.4 71.2



#46
 Methyl methacrylate
 Concen: 18.001 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. 0.00 min
 Lab File: VX019121.D
 Acq: 26 Oct 2020 16:01

Tgt Ion: 41 Resp: 40176
 Ion Ratio Lower Upper
 41 100
 69 104.6 53.1 159.4
 39 61.4 31.3 93.9

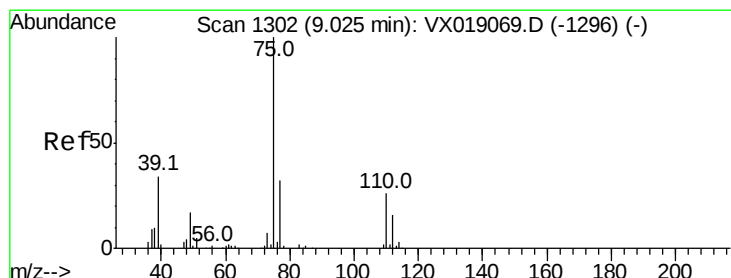
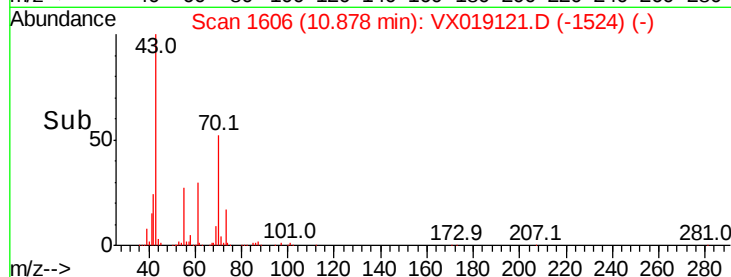
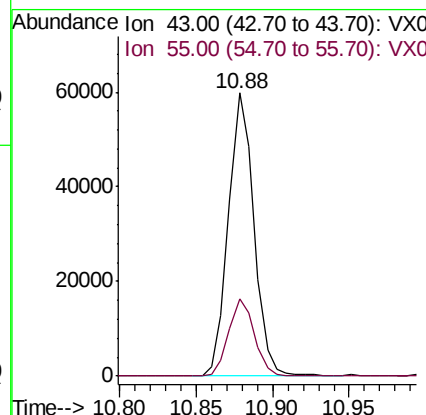
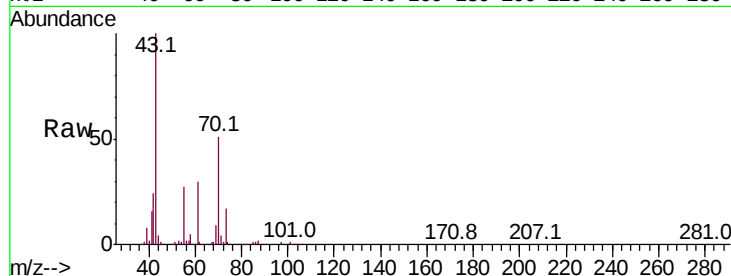




#47
 n-amvl Acetate
 Concen: 18.285 ug/l
 RT: 10.88 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: VX019121.D
 Acq: 26 Oct 2020 16:01

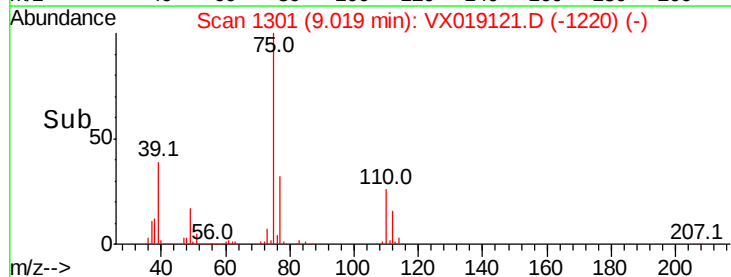
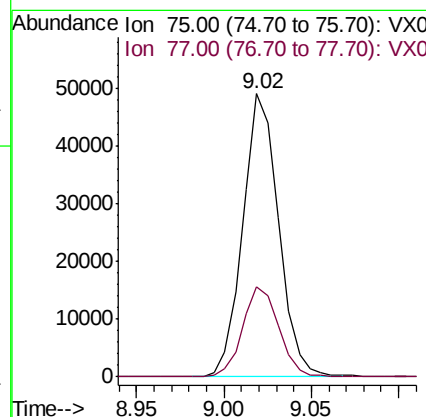
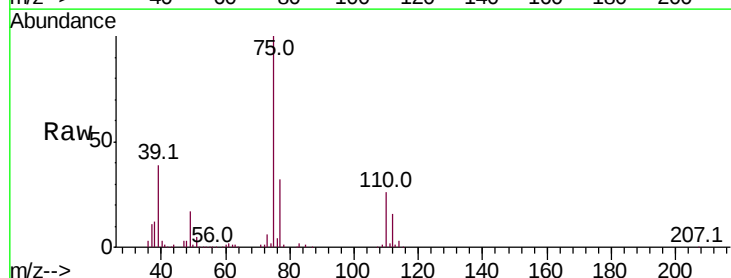
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

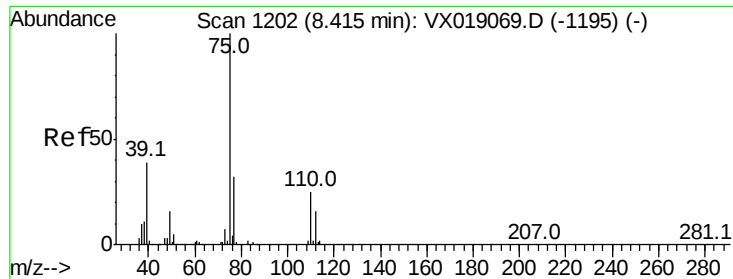
Tot Ion: 43 Resp: 69162
 Ion Ratio Lower Upper
 43 100
 55 27.8 21.5 32.3



#48
 t-1,3-Dichloropropene
 Concen: 17.672 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: VX019121.D
 Acq: 26 Oct 2020 16:01

Tgt Ion: 75 Resp: 69859
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.3 37.9



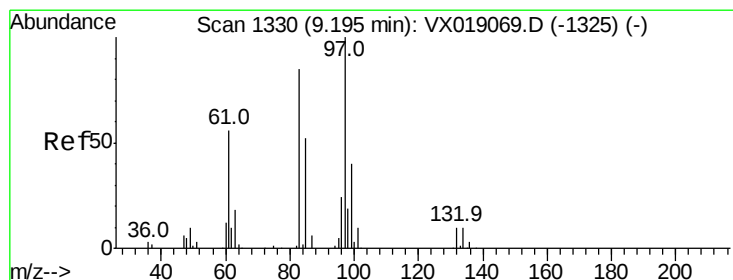
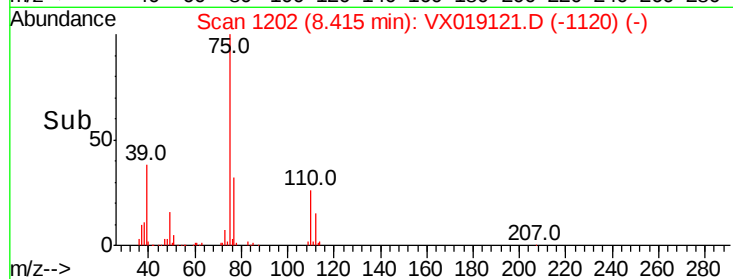
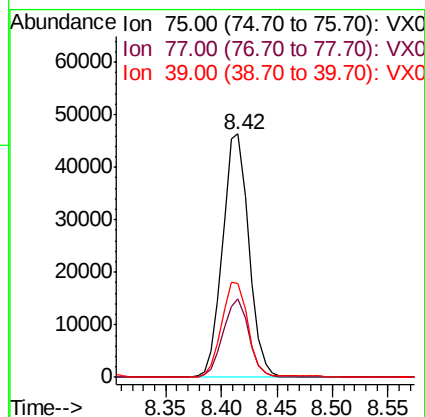
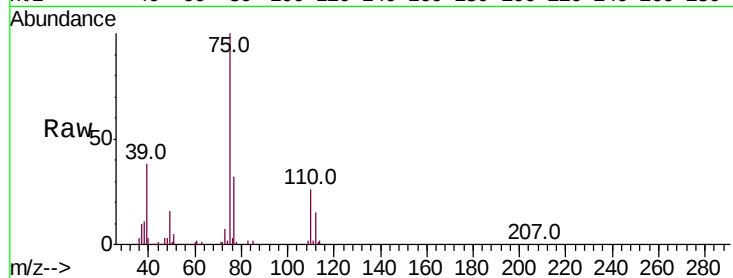


#49

cis-1,3-Dichloropropene
 Concen: 18.045 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX019121.D
 Acq: 26 Oct 2020 16:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

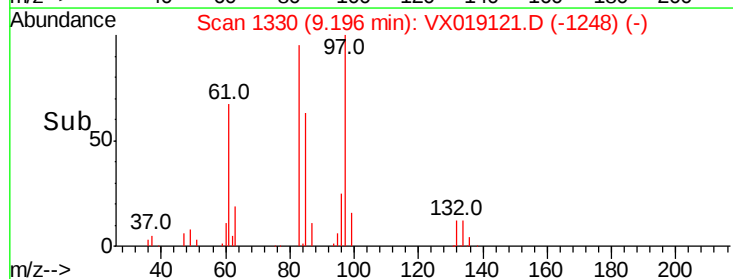
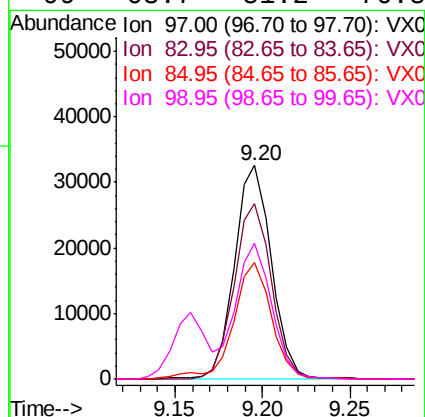
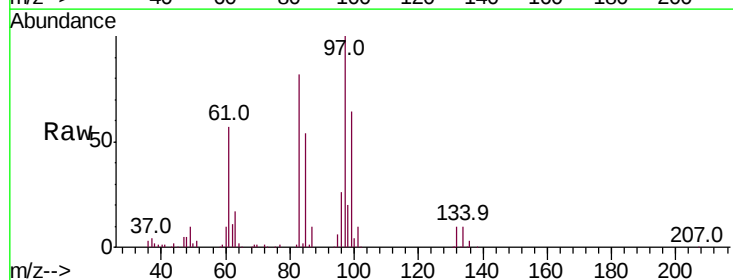
Tot Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.8	38.8
39	38.1	31.0	46.6

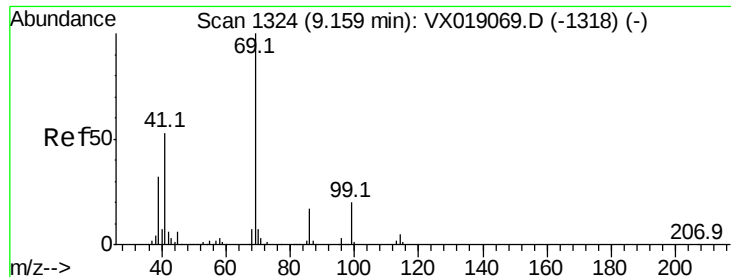


#50

1,1,2-Trichloroethane
 Concen: 18.452 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019121.D
 Acq: 26 Oct 2020 16:01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.1	67.8	101.6
85	54.3	43.5	65.3
99	63.7	51.2	76.8





#51

Ethyl methacrylate

Concen: 17.679 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

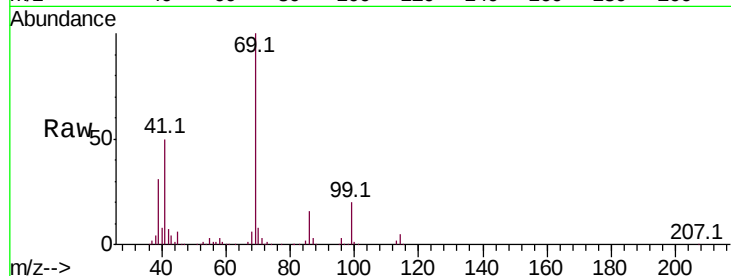
Tot Ion: 69 Resp: 66732

Ion Ratio Lower Upper

69 100

41 49.7 26.5 79.4

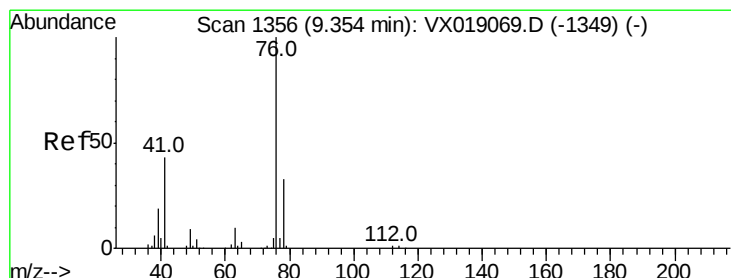
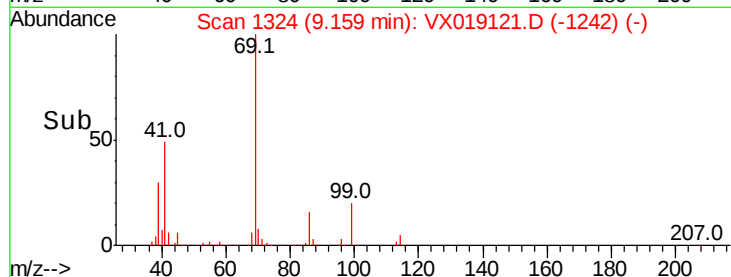
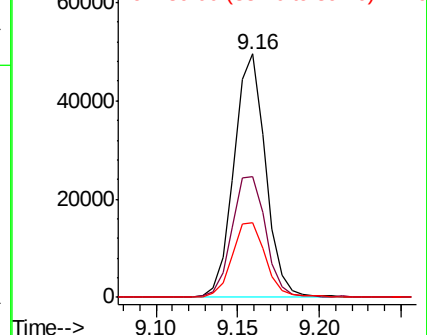
39 30.6 16.2 48.6



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: 18.499 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX019121.D

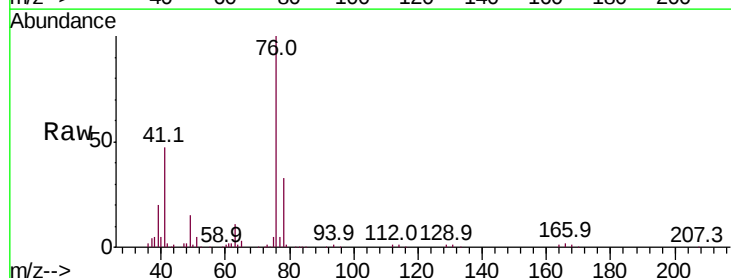
Acq: 26 Oct 2020 16:01

Tgt Ion: 76 Resp: 77961

Ion Ratio Lower Upper

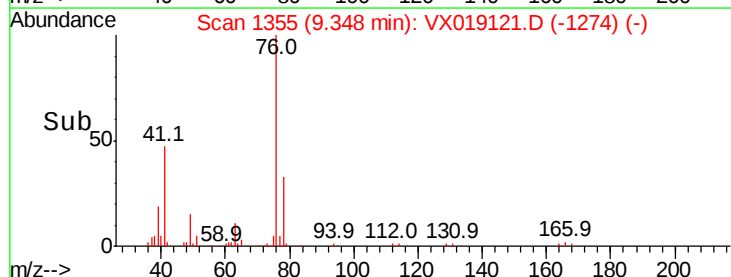
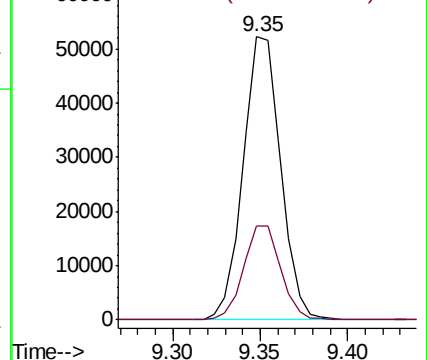
76 100

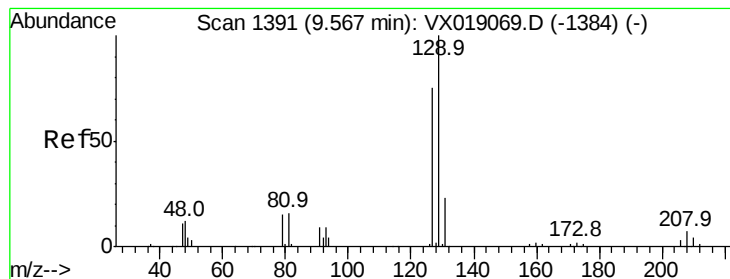
78 33.1 0.0 65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 17.714 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Instrument :

MSVOA_X

ClientSampleId :

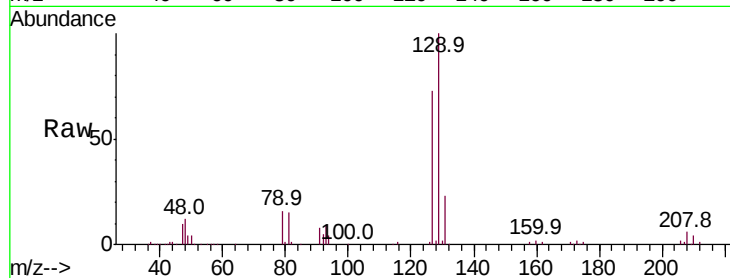
VSTDCCC020EC

Tot Ion:129 Resp: 51013

Ion Ratio Lower Upper

129 100

127 77.8 38.4 115.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

9.56

40000

30000

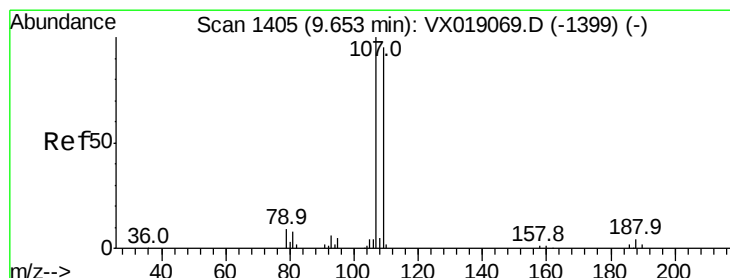
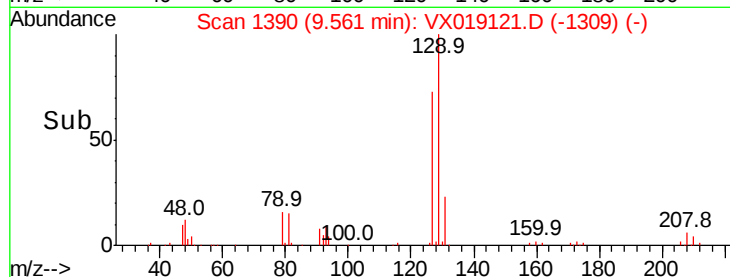
20000

10000

0

9.50 9.55 9.60 9.65

Time-->



#54

1,2-Dibromoethane

Concen: 18.020 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019121.D

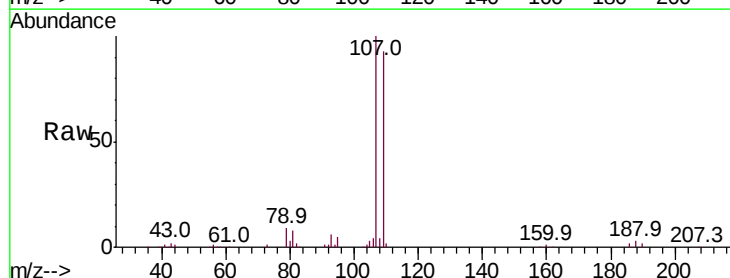
Acq: 26 Oct 2020 16:01

Tgt Ion:107 Resp: 50655

Ion Ratio Lower Upper

107 100

109 93.5 74.6 112.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

9.65

40000

30000

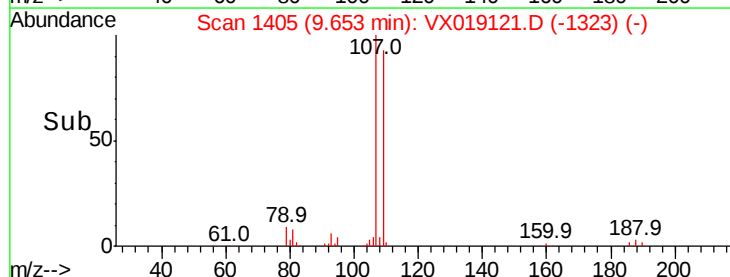
20000

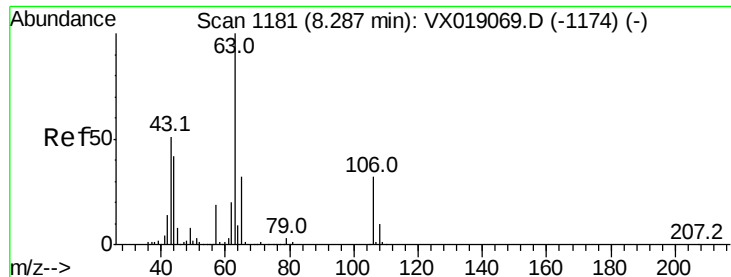
10000

0

9.60 9.65 9.70 9.75

Time-->

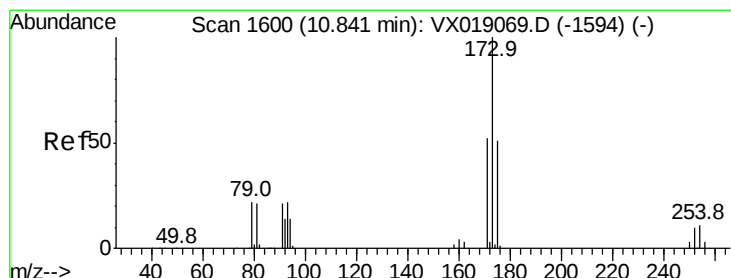
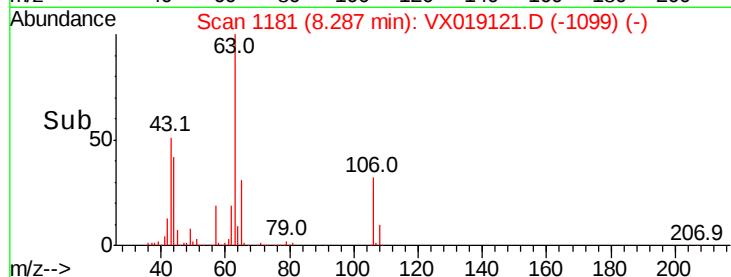
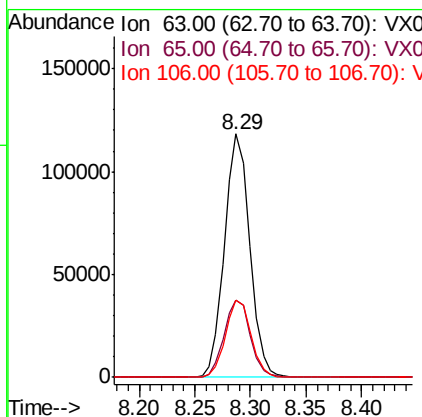
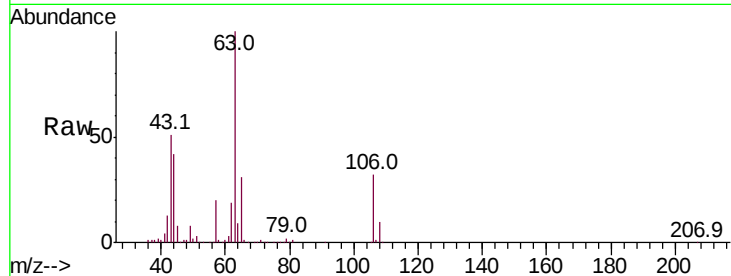




#55
2-Chloroethyl vinyl ether
Concen: 92.726 ug/l
RT: 8.29 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

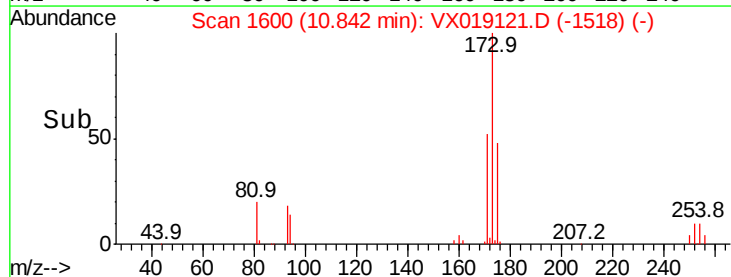
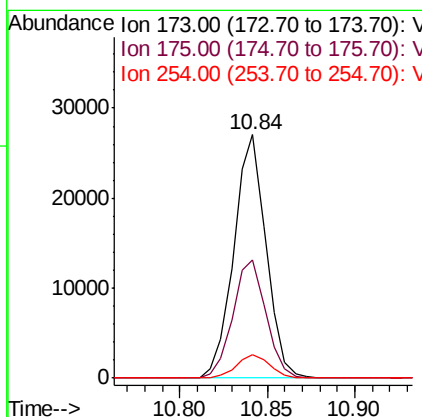
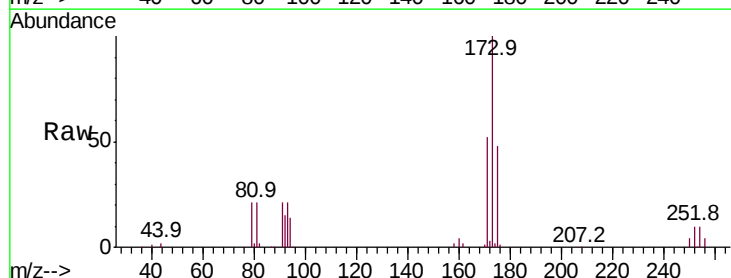
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

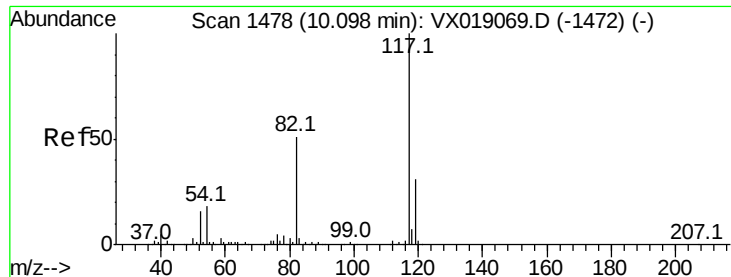
Tot Ion	63	Ratio	100	Lower	Upper
63	100				
65	32.6		26.0	39.0	
106	32.1		25.9	38.9	



#56
Bromoform
Concen: 17.153 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

Tgt Ion	173	Ratio	100	Lower	Upper
173	100				
175	50.1		39.6	59.4	
254	10.1		8.6	13.0	

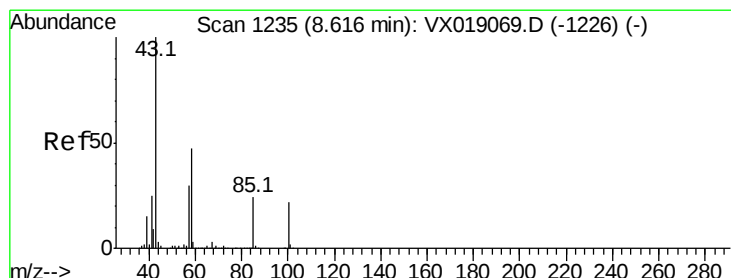
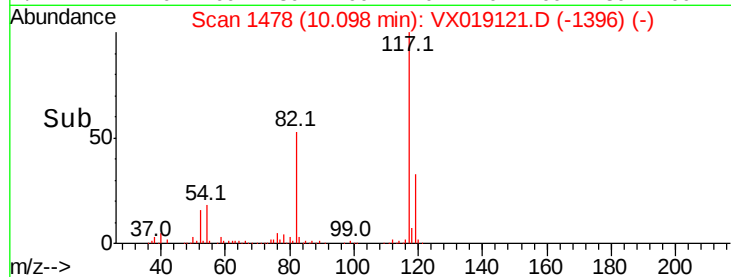
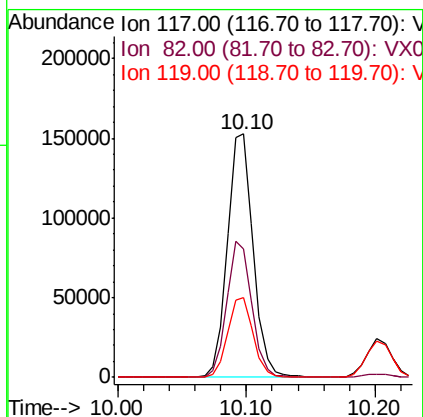
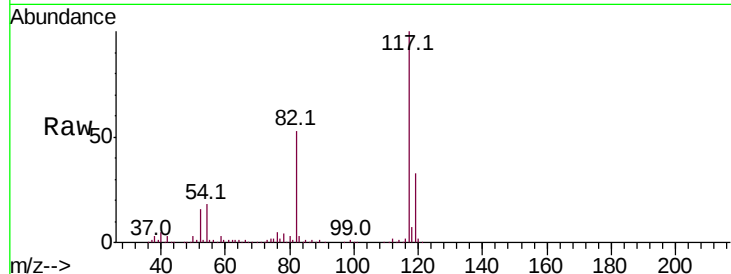




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

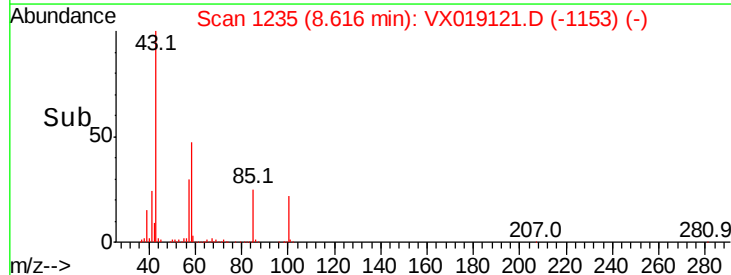
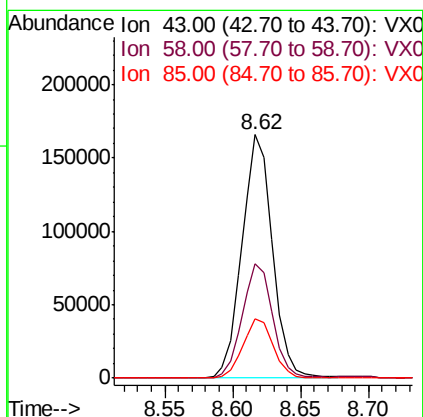
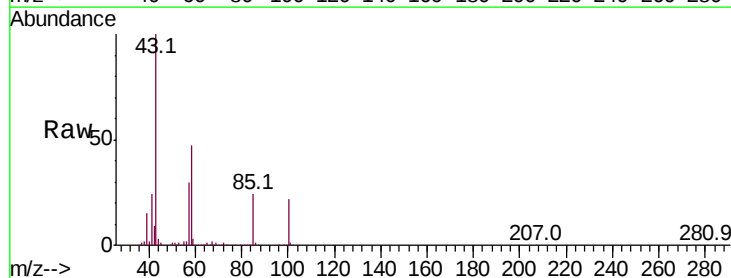
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

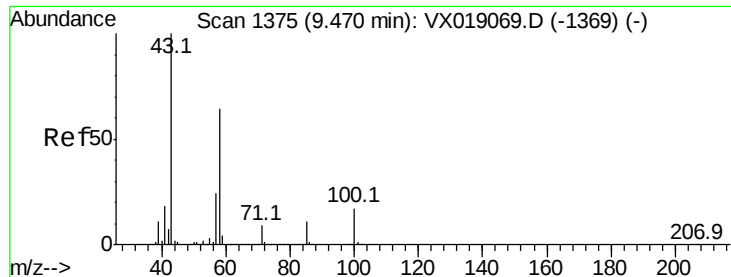
Tot Ion:117 Resp: 214785
Ion Ratio Lower Upper
117 100
82 54.3 42.5 63.7
119 32.3 25.6 38.4



#58
4-Methyl-2-Pentanone
Concen: 95.918 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

Tgt Ion: 43 Resp: 259805
Ion Ratio Lower Upper
43 100
58 47.0 37.6 56.4
85 24.5 19.4 29.2

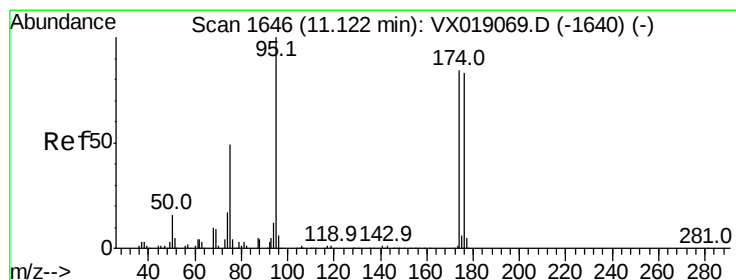
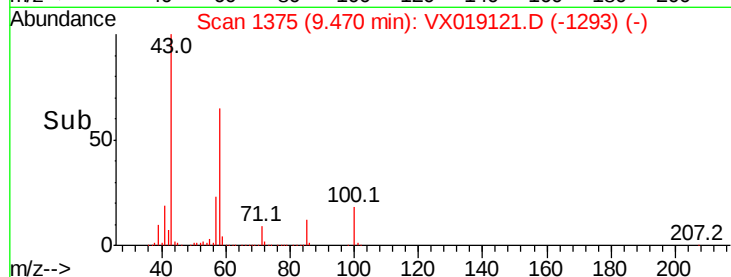
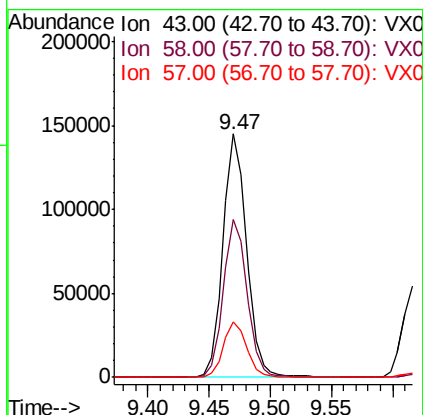
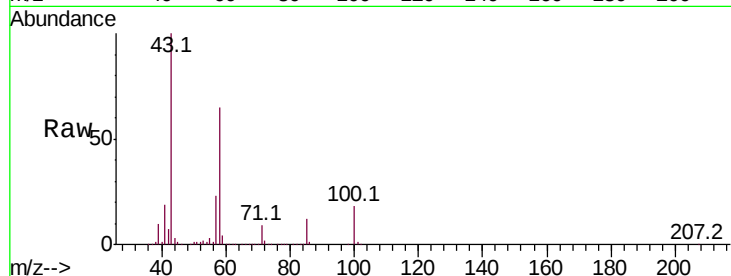




#59
2-Hexanone
Concen: 96.282 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

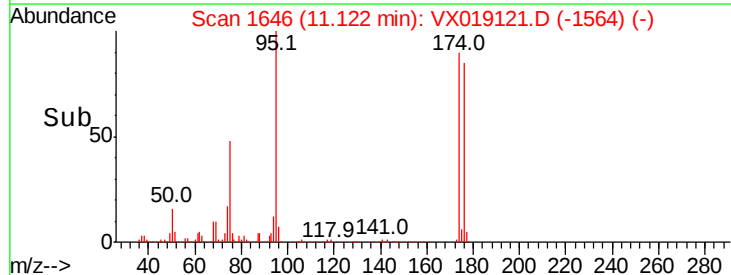
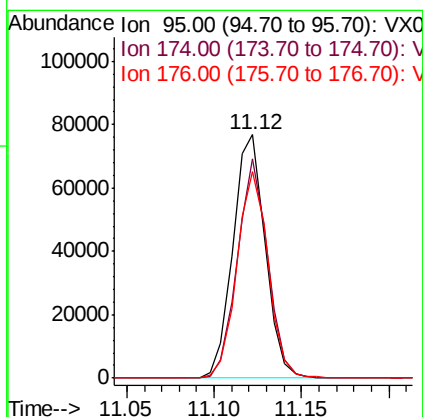
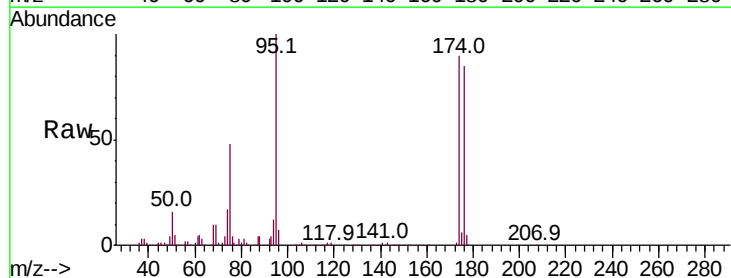
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

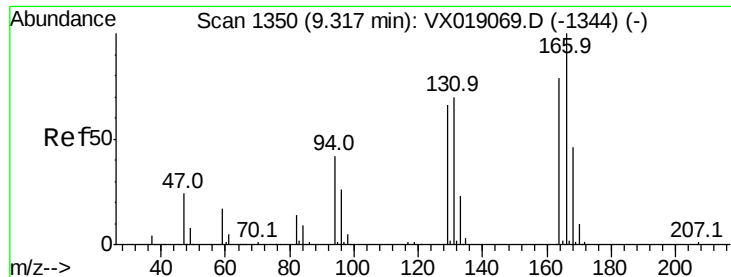
Tot Ion: 43 Resp: 194334
Ion Ratio Lower Upper
43 100
58 65.2 51.9 77.9
57 22.7 18.2 27.4



#60
4-Bromofluorobenzene
Concen: 30.540 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

Tgt Ion: 95 Resp: 98455
Ion Ratio Lower Upper
95 100
174 84.7 66.3 99.5
176 82.3 65.5 98.3





#61

Tetrachloroethene

Concen: 19.072 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:164 Resp: 48597

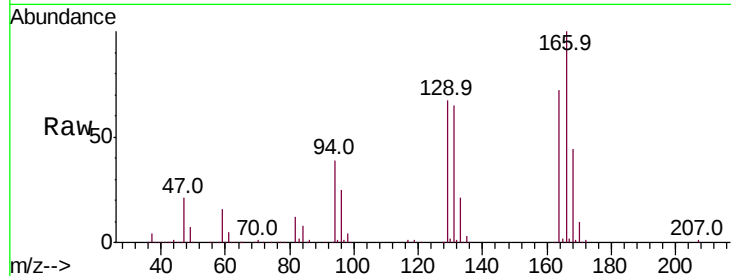
Ion Ratio Lower Upper

164 100

166 139.8 101.9 152.9

129 93.4 67.0 100.6

131 91.4 71.1 106.7

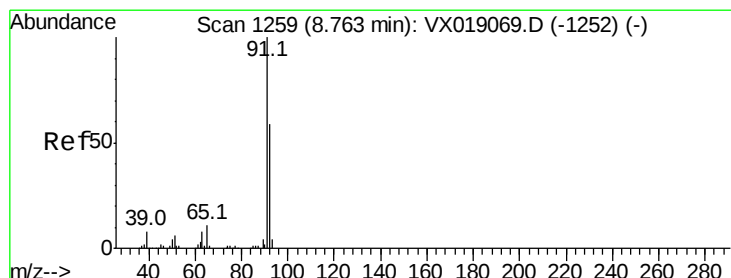
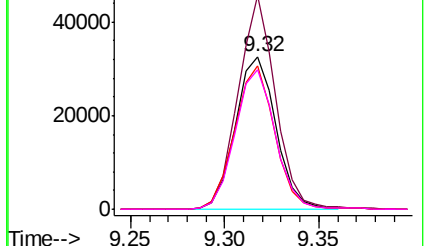
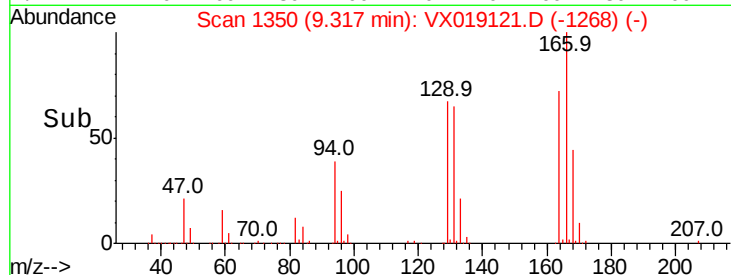


Abundance Ion 163.85 (163.55 to 164.55): V

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: 17.825 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019121.D

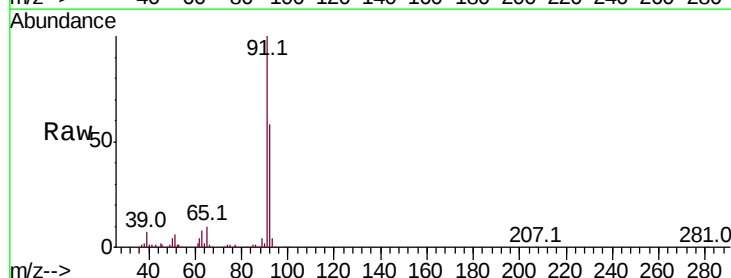
Acq: 26 Oct 2020 16:01

Tgt Ion: 91 Resp: 201221

Ion Ratio Lower Upper

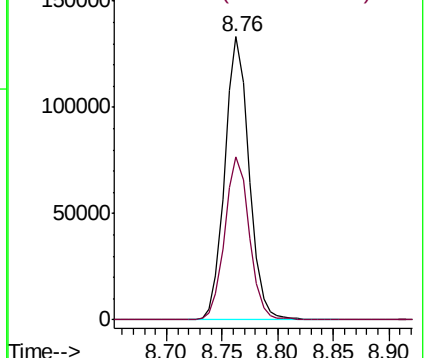
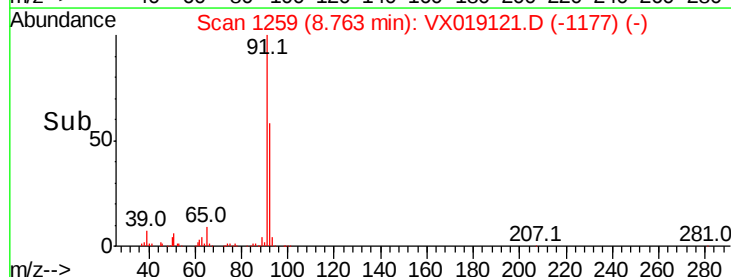
91 100

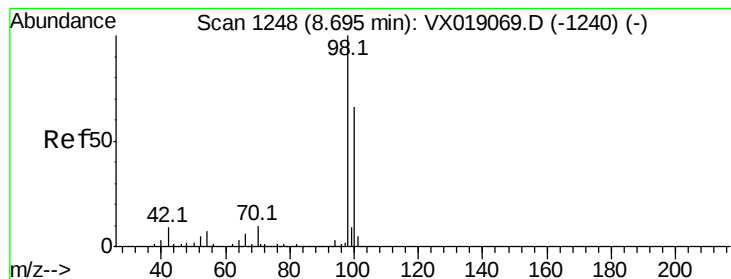
92 58.5 47.3 70.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.150 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Instrument :

MSVOA_X

ClientSampleId :

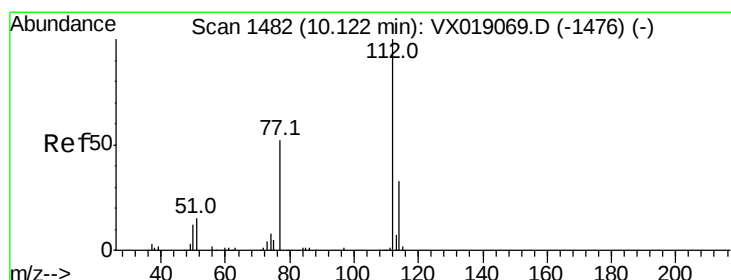
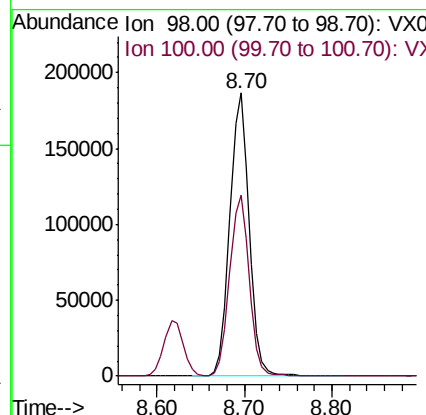
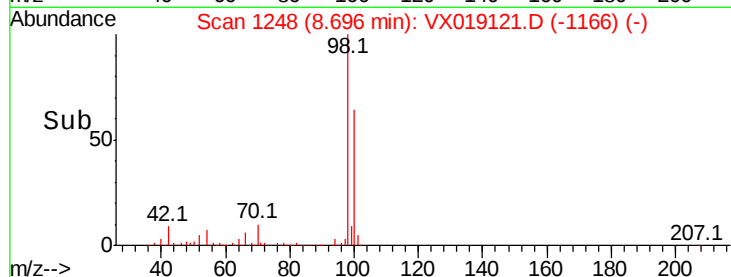
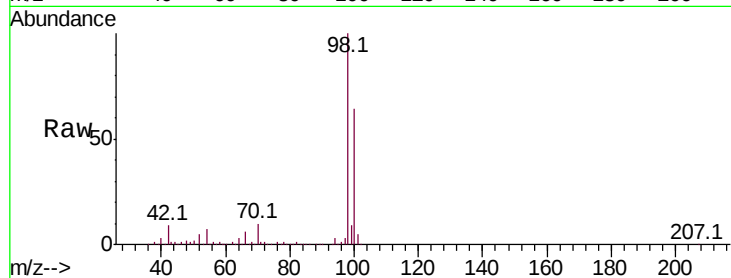
VSTDCCC020EC

Tot Ion: 98 Resp: 285916

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.4



#64

Chlorobenzene

Concen: 18.517 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX019121.D

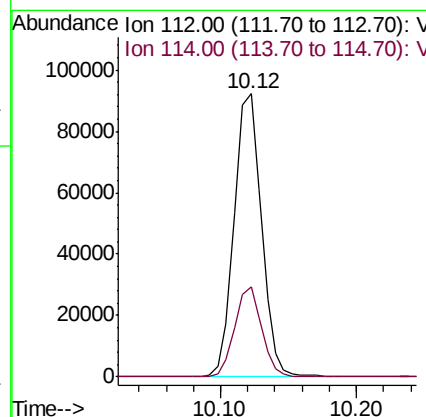
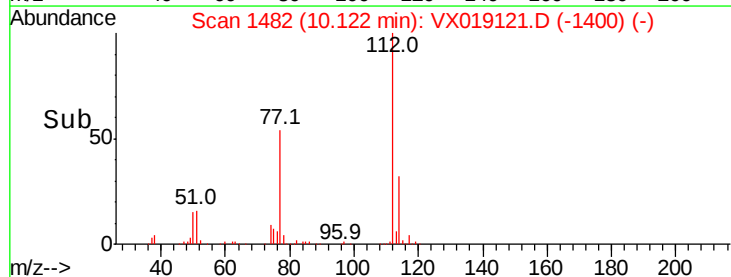
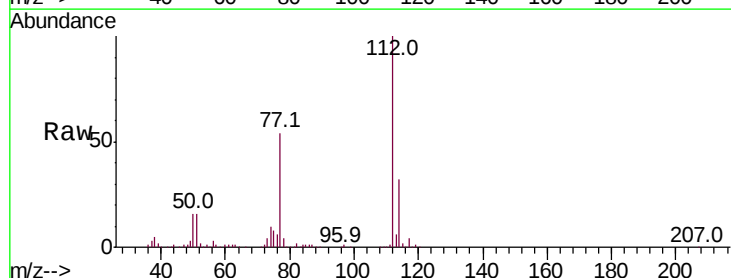
Acq: 26 Oct 2020 16:01

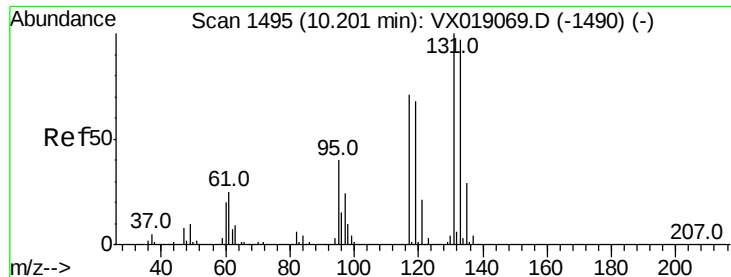
Tgt Ion: 112 Resp: 129938

Ion Ratio Lower Upper

112 100

114 31.6 26.2 39.2





#65

1,1,1,2-Tetrachloroethane

Concen: 18.052 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

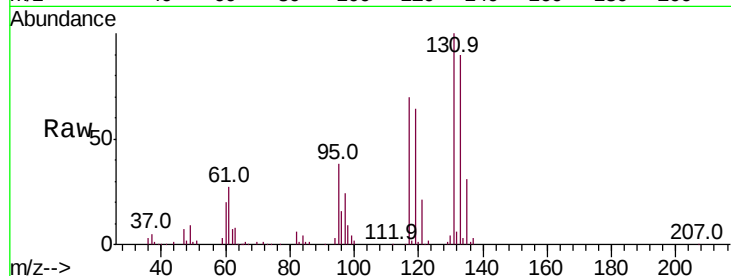
Tot Ion:131 Resp: 46071

Ion Ratio Lower Upper

131 100

133 96.1 0.0 191.6

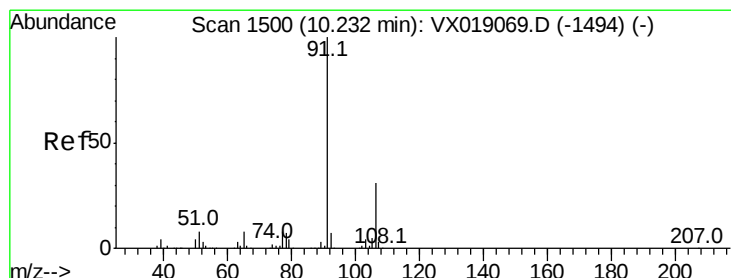
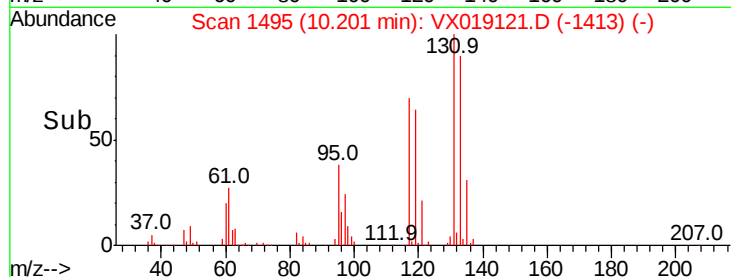
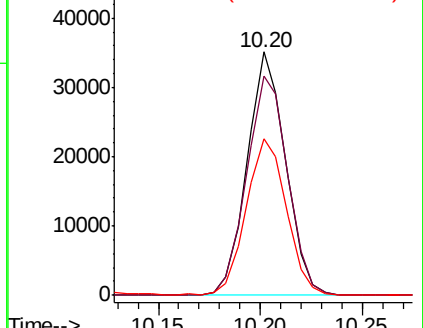
119 67.1 0.0 130.0



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: 18.294 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX019121.D

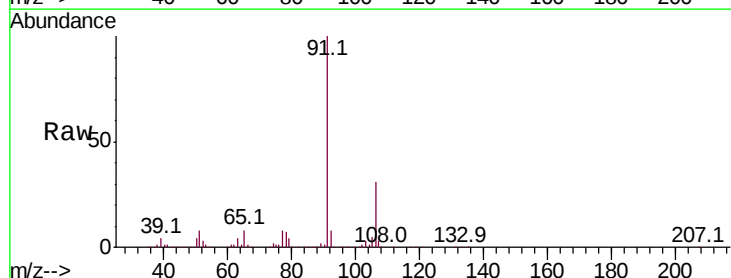
Acq: 26 Oct 2020 16:01

Tgt Ion: 91 Resp: 226413

Ion Ratio Lower Upper

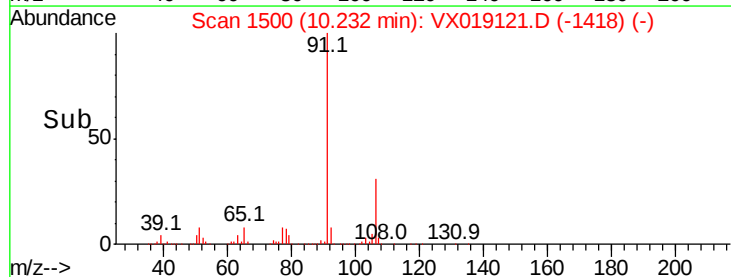
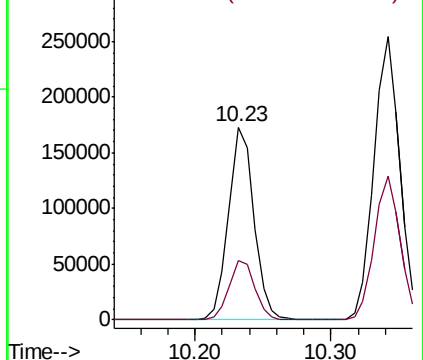
91 100

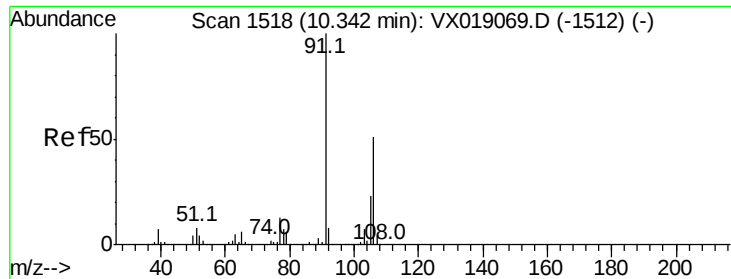
106 31.2 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 36.551 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Instrument :

MSVOA_X

ClientSampleId :

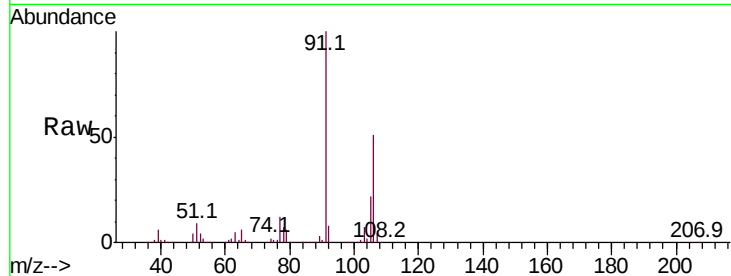
VSTDCCC020EC

Tot Ion:106 Resp: 172516

Ion Ratio Lower Upper

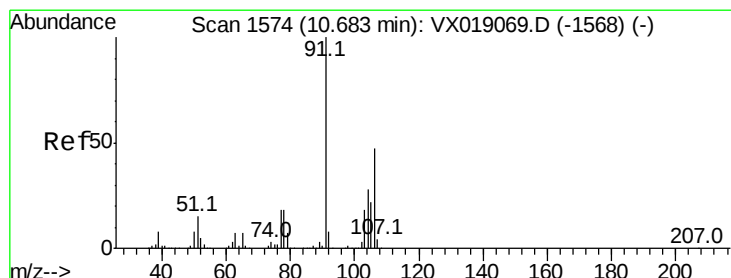
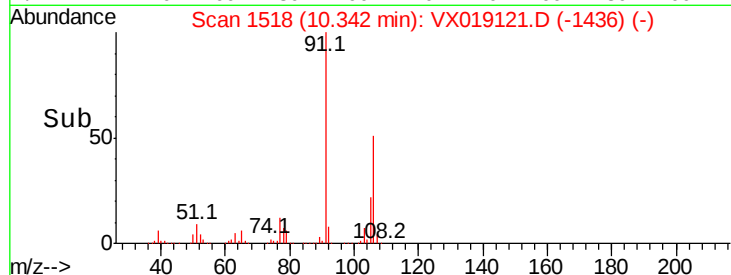
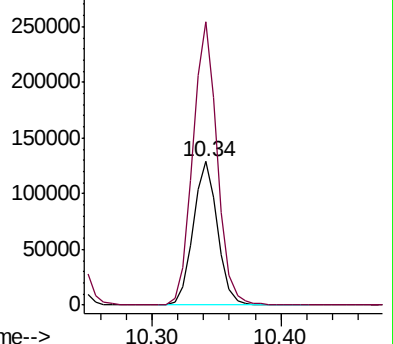
106 100

91 196.6 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 18.231 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX019121.D

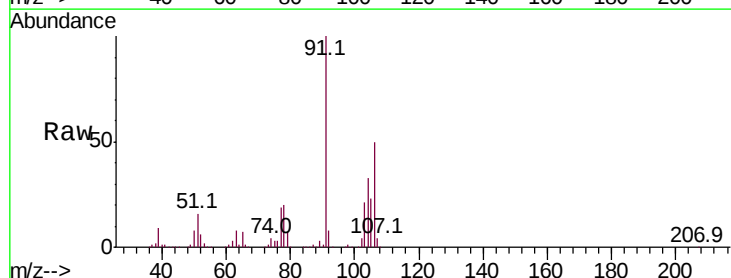
Acq: 26 Oct 2020 16:01

Tgt Ion:106 Resp: 82068

Ion Ratio Lower Upper

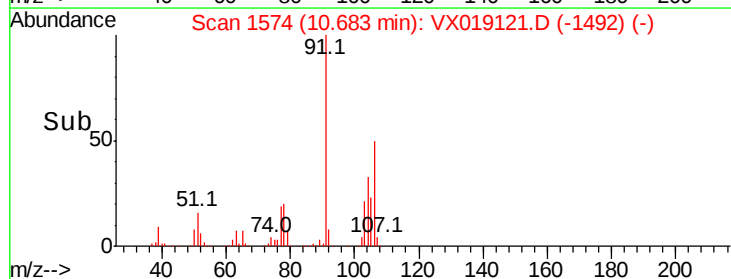
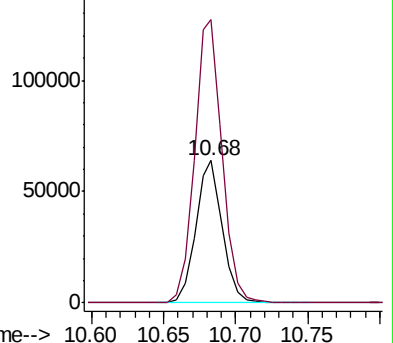
106 100

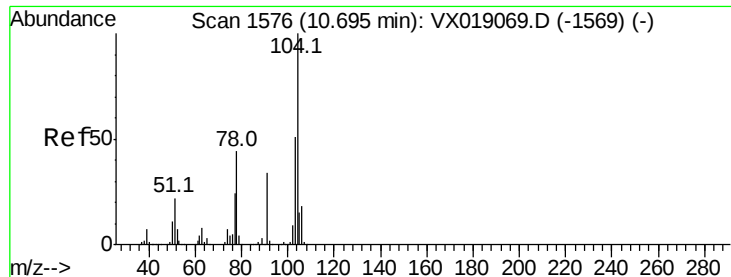
91 206.3 103.8 311.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#69

Stvrene

Concen: 18.093 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

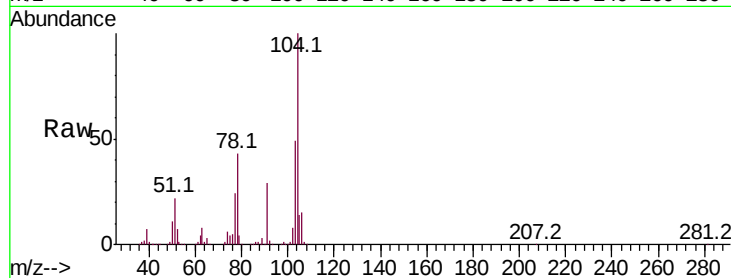
Tot Ion:104 Resp: 137222

Ion Ratio Lower Upper

104 100

78 48.3 38.6 58.0

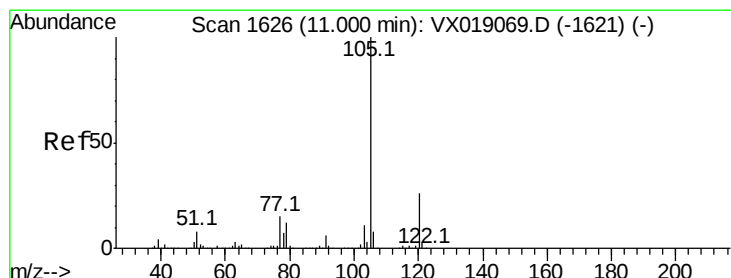
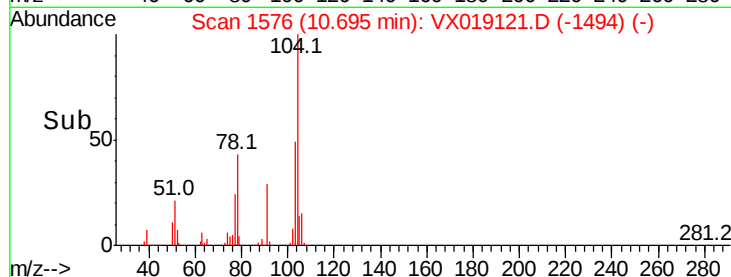
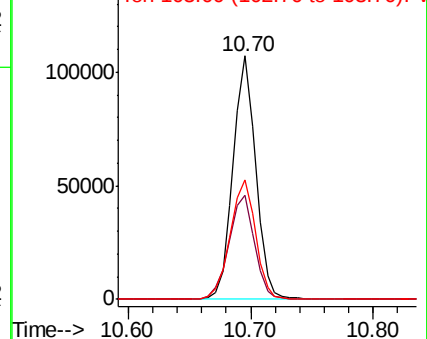
103 54.8 43.4 65.2



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 18.713 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019121.D

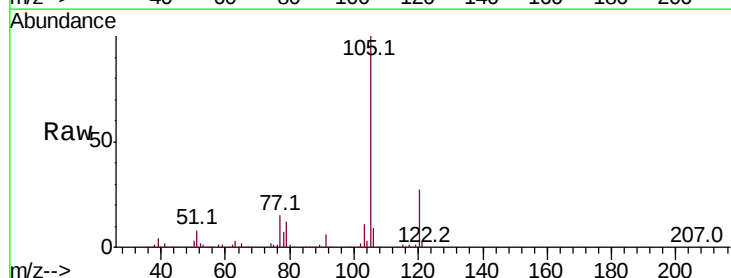
Acq: 26 Oct 2020 16:01

Tgt Ion:105 Resp: 226497

Ion Ratio Lower Upper

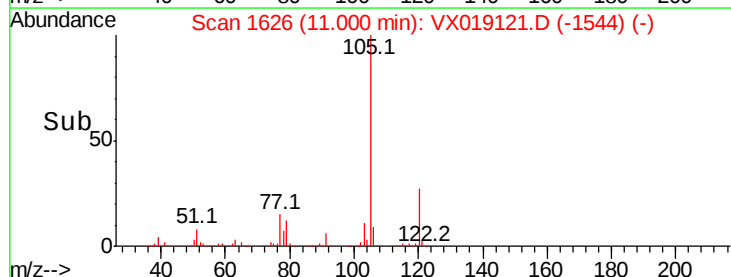
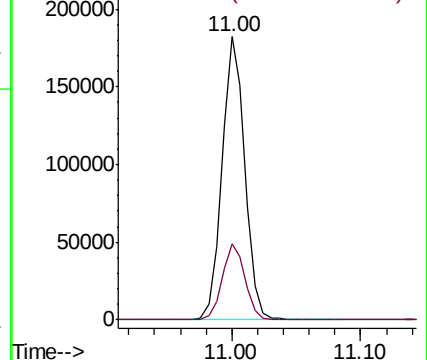
105 100

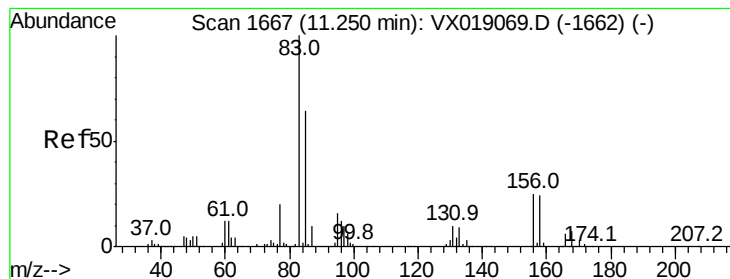
120 26.7 19.0 35.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 20.332 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

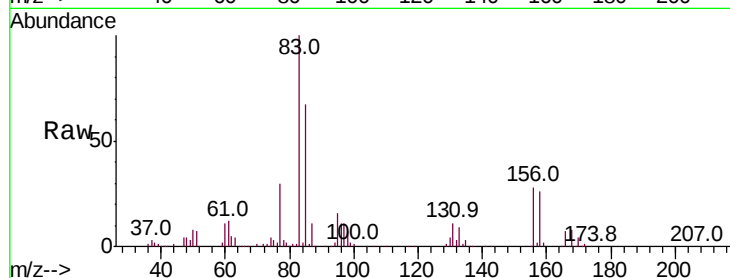
Tot Ion: 83 Resp: 71044

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

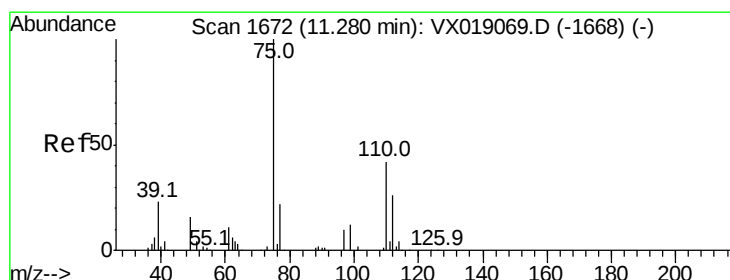
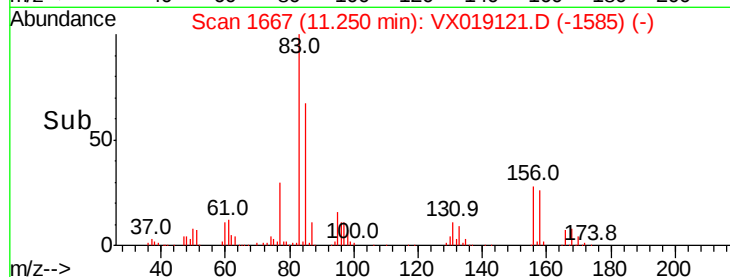
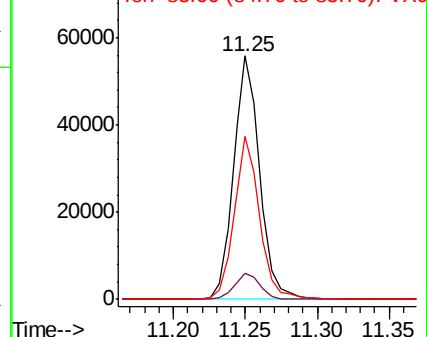
85 64.6 32.5 97.4



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 25.545 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019121.D

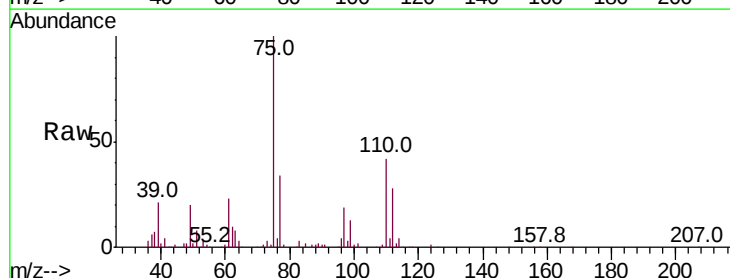
Acq: 26 Oct 2020 16:01

Tgt Ion: 75 Resp: 80270

Ion Ratio Lower Upper

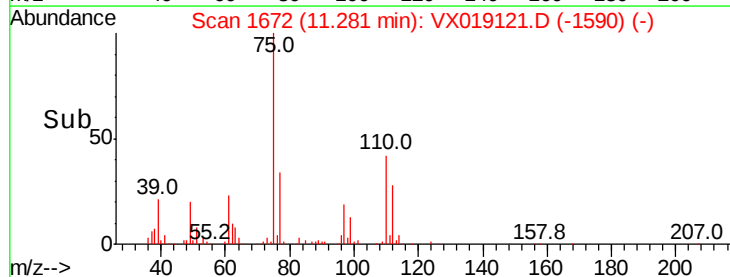
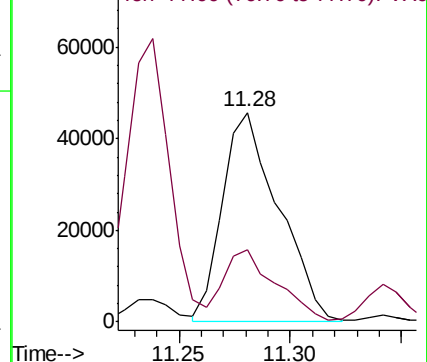
75 100

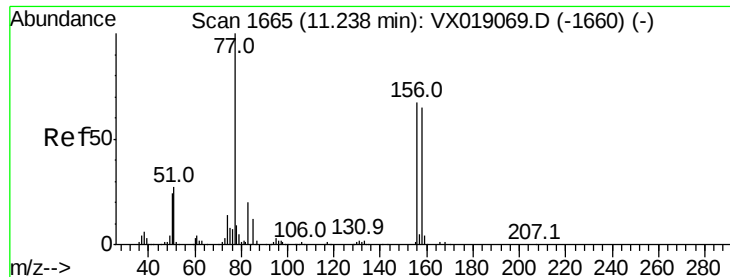
77 31.9 0.0 81.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 18.318 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

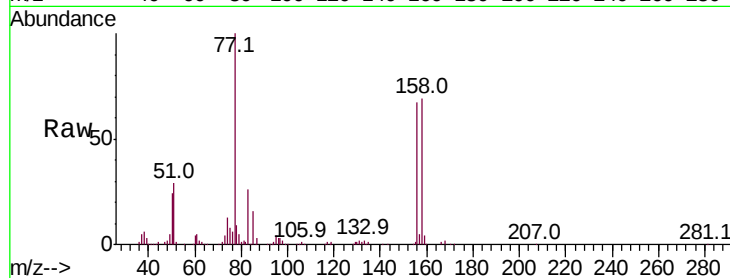
Tot Ion:156 Resp: 54185

Ion Ratio Lower Upper

156 100

77 153.0 0.0 299.6

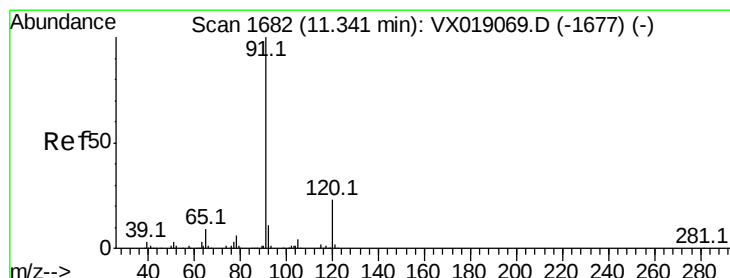
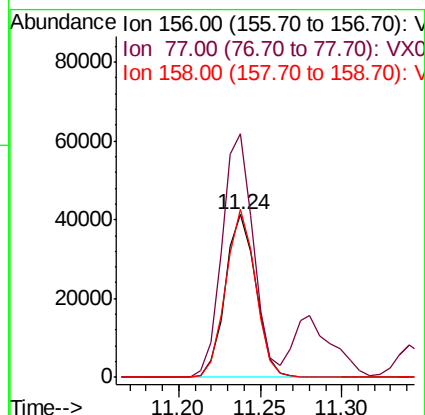
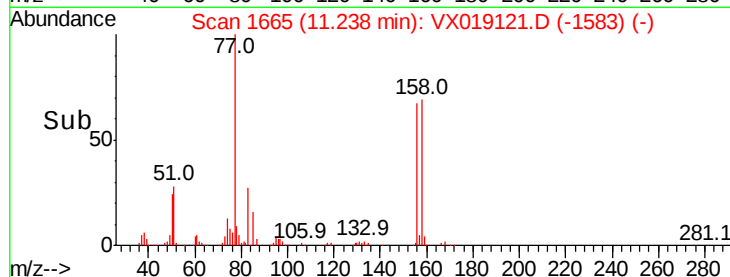
158 100.0 0.0 192.2



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: 18.684 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019121.D

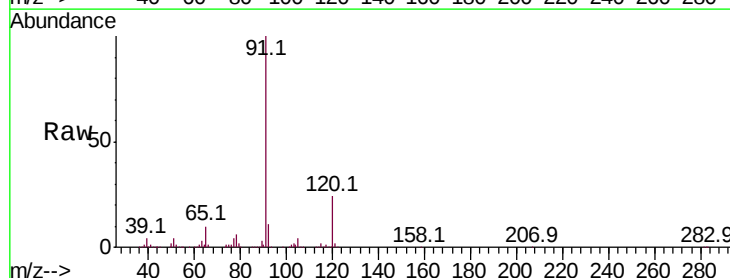
Acq: 26 Oct 2020 16:01

Tgt Ion: 91 Resp: 256065

Ion Ratio Lower Upper

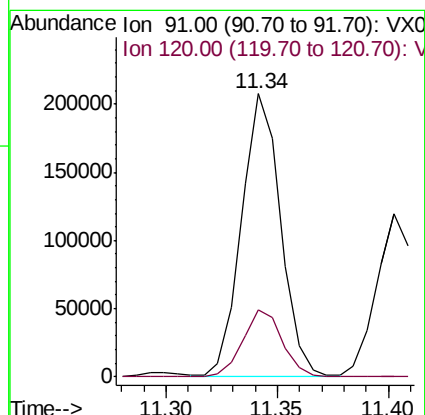
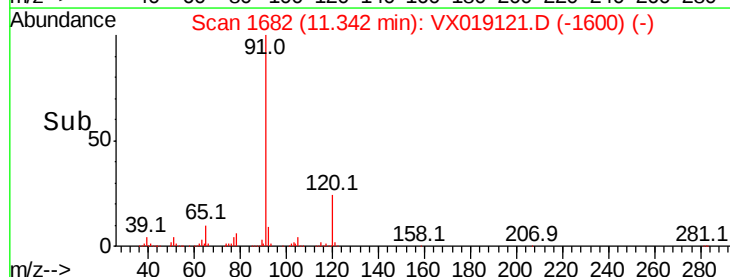
91 100

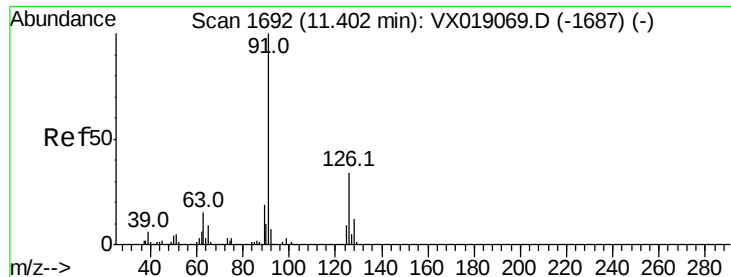
120 23.7 0.0 46.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.238 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Instrument :

MSVOA_X

ClientSampleId :

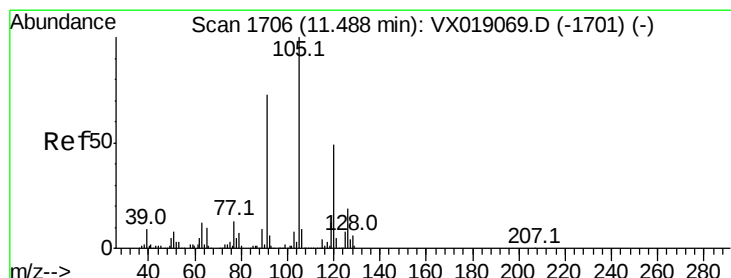
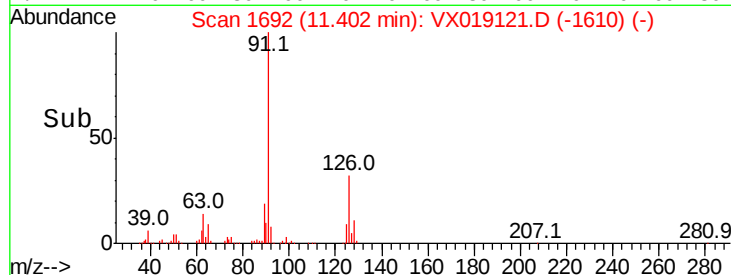
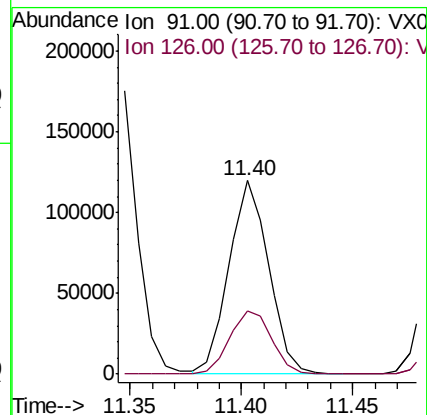
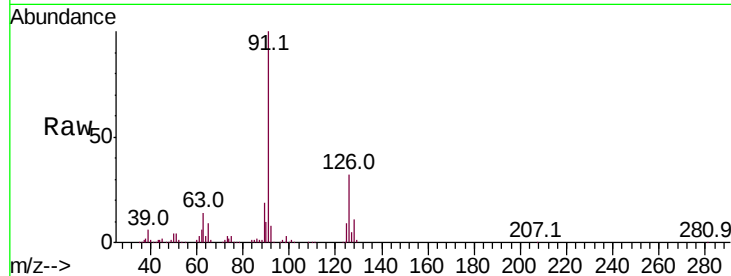
VSTDCCC020EC

Tot Ion: 91 Resp: 149134

Ion Ratio Lower Upper

91 100

126 34.4 0.0 69.0



#76

1,3,5-Trimethylbenzene

Concen: 18.834 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019121.D

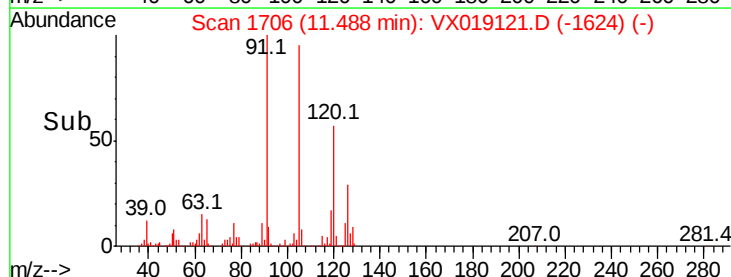
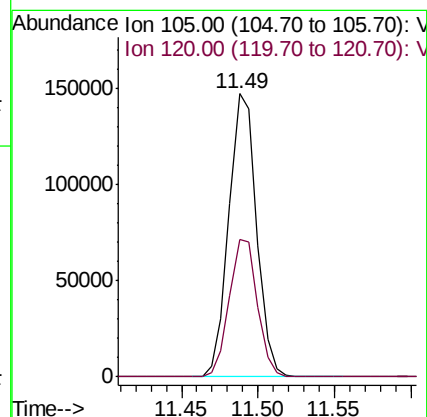
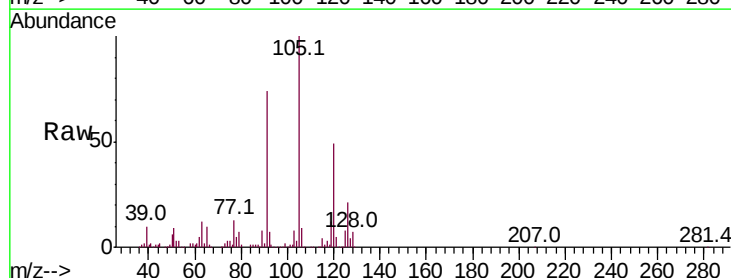
Acq: 26 Oct 2020 16:01

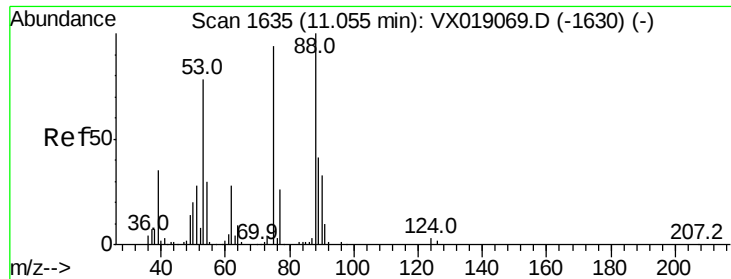
Tgt Ion: 105 Resp: 184980

Ion Ratio Lower Upper

105 100

120 49.3 0.0 100.2





#77

t-1,4-Dichloro-2-butene

Concen: 17.773 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

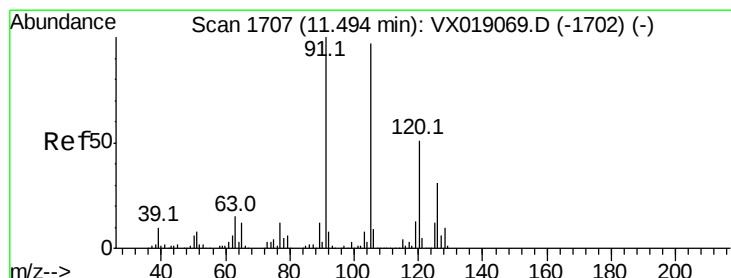
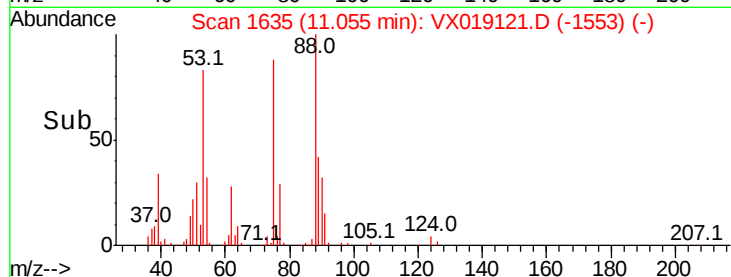
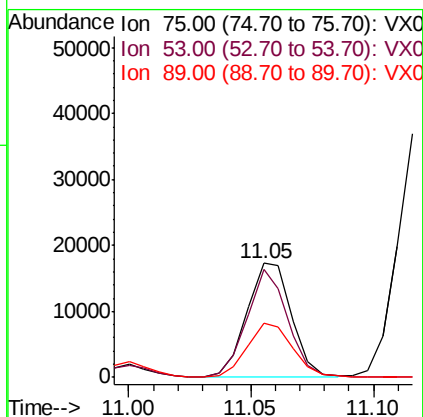
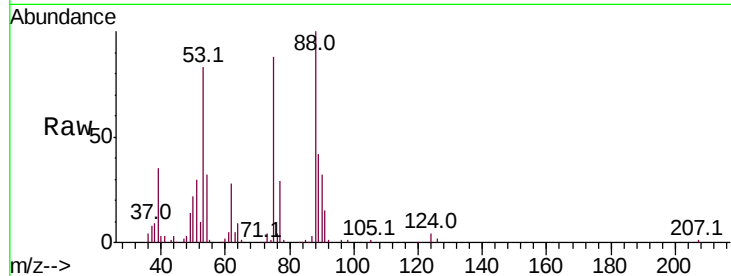
Tot Ion: 75 Resp: 22179

Ion Ratio Lower Upper

75 100

53 94.2 41.6 124.8

89 47.0 21.8 65.3



#78

4-Chlorotoluene

Concen: 19.067 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX019121.D

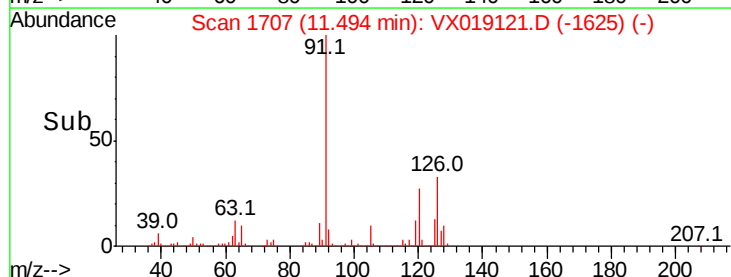
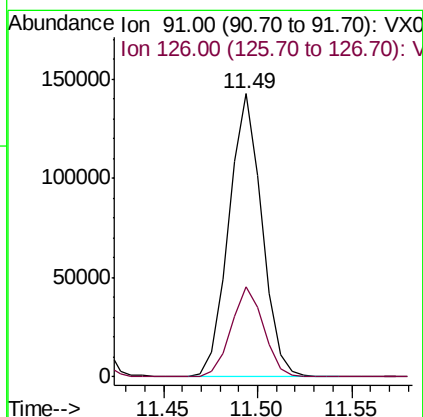
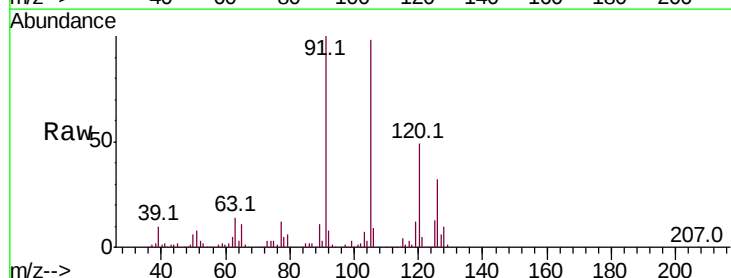
Acq: 26 Oct 2020 16:01

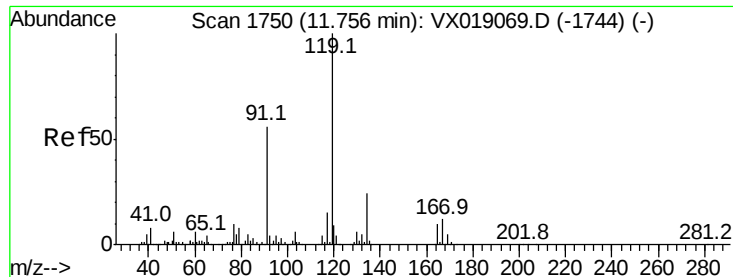
Tgt Ion: 91 Resp: 173693

Ion Ratio Lower Upper

91 100

126 31.3 0.0 61.2

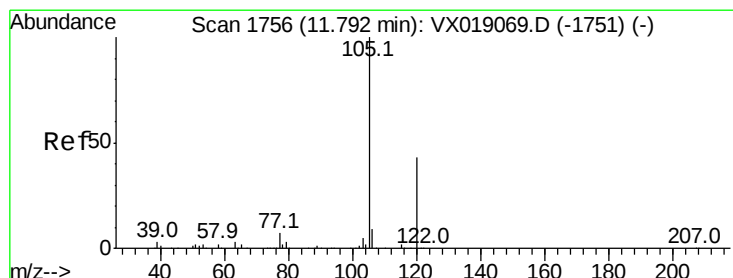
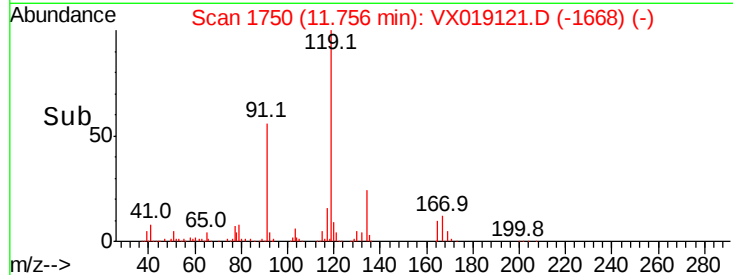
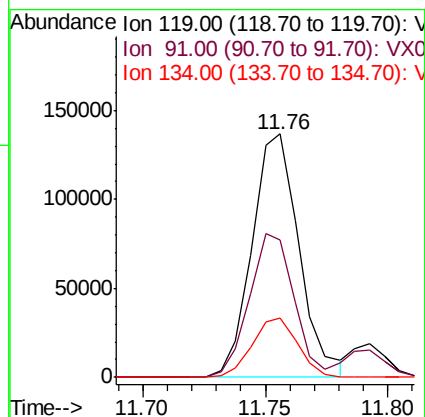
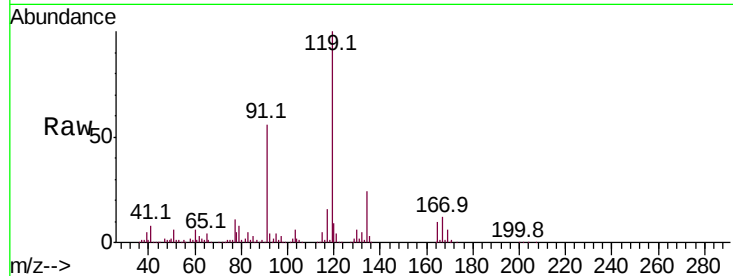




#79
tert-butylbenzene
Concen: 19.042 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

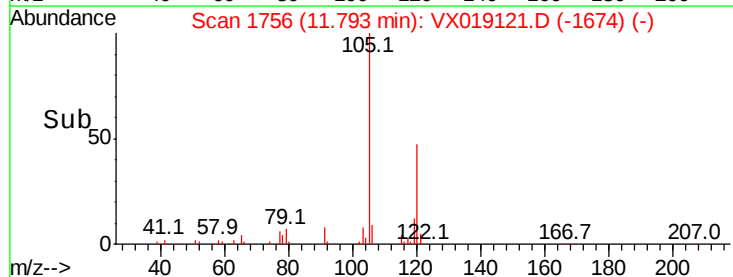
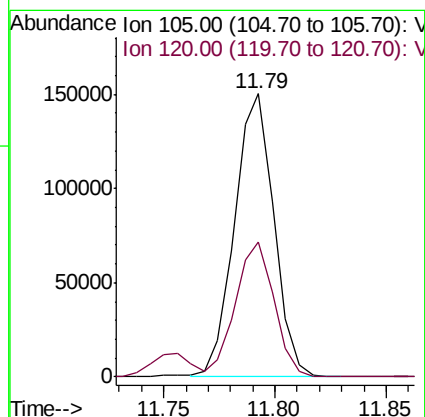
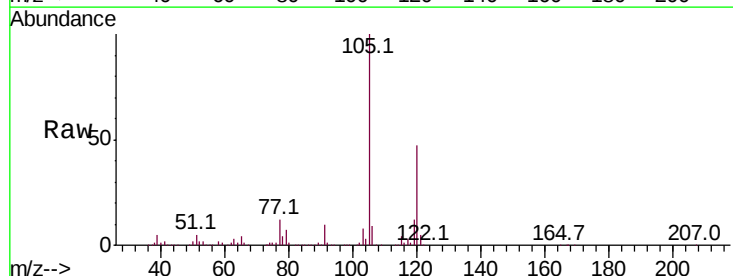
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

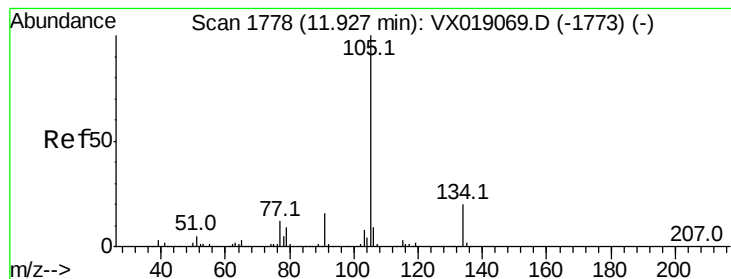
Tot Ion	Ratio	Lower	Upper
119	100		
91	56.1	0.0	111.4
134	23.6	0.0	47.2



#80
1,2,4-Trimethylbenzene
Concen: 18.942 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX019121.D
Acq: 26 Oct 2020 16:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.9	0.0	92.0





#81

sec-Butylbenzene

Concen: 19.199 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Instrument :

MSVOA_X

ClientSampleId :

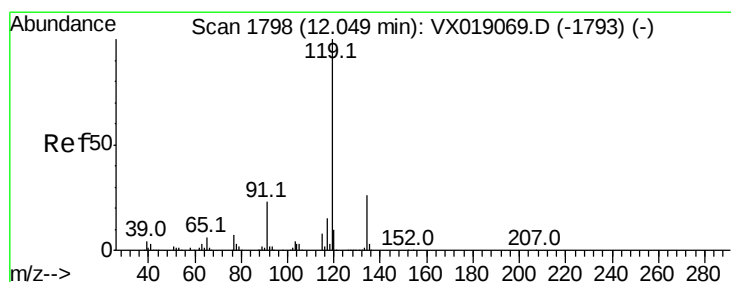
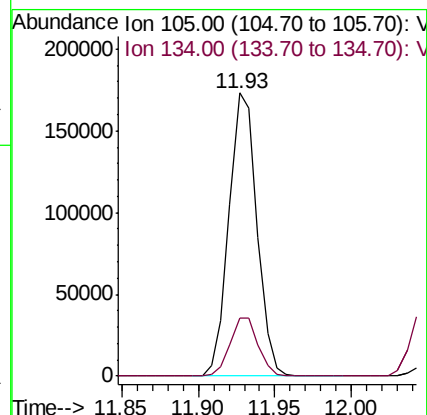
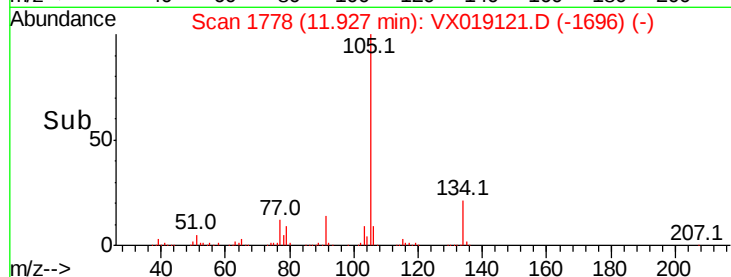
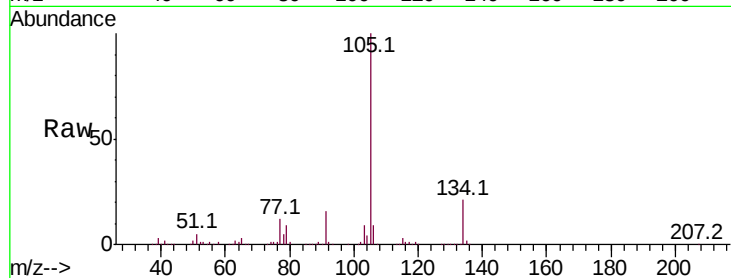
VSTDCCC020EC

Tot Ion:105 Resp: 219711

Ion Ratio Lower Upper

105 100

134 20.7 0.0 40.8



#82

p-Isopropyltoluene

Concen: 19.292 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

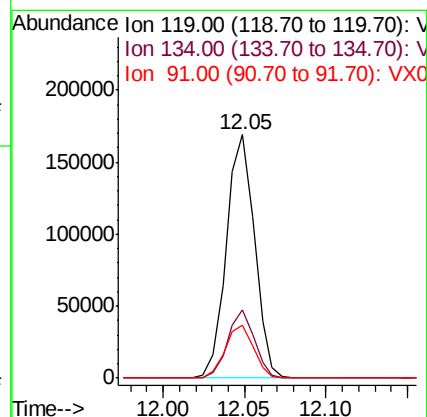
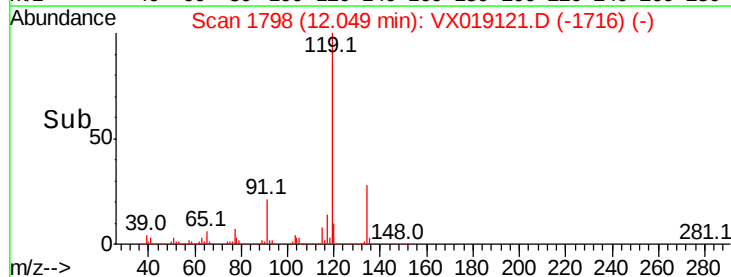
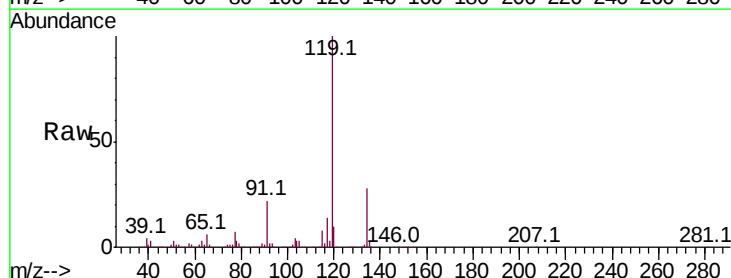
Tgt Ion:119 Resp: 203471

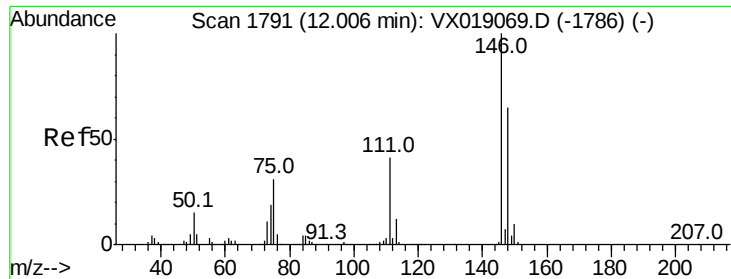
Ion Ratio Lower Upper

119 100

134 26.4 0.0 52.0

91 21.9 0.0 45.6

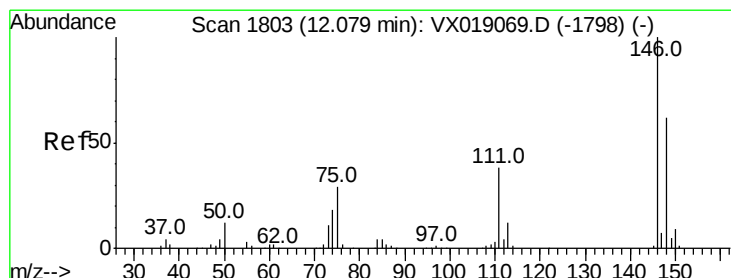
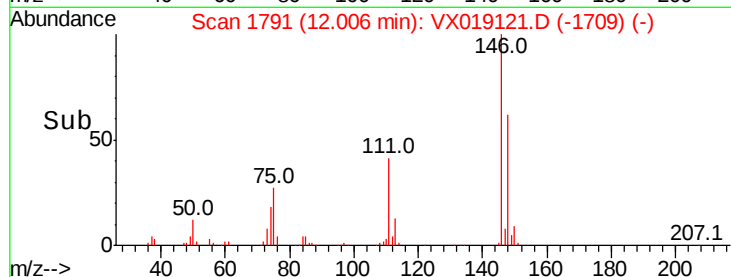
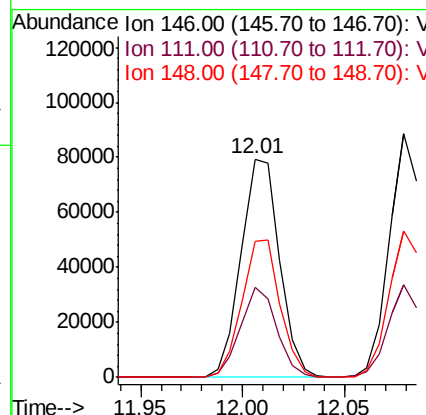
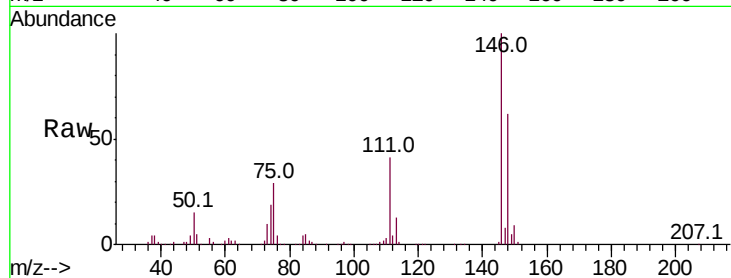




#83
 1,3-Dichlorobenzene
 Concen: 19.677 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019121.D
 Acq: 26 Oct 2020 16:01

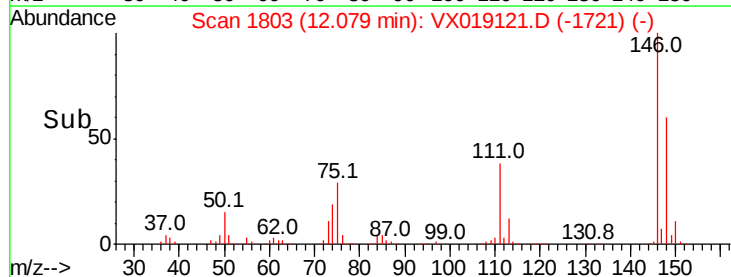
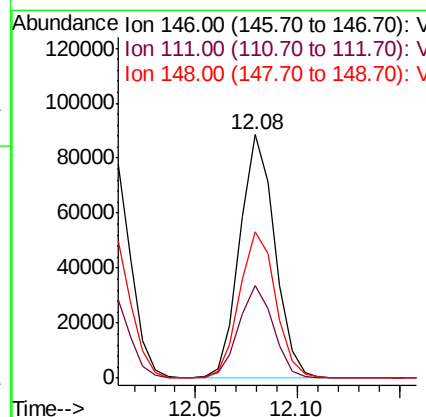
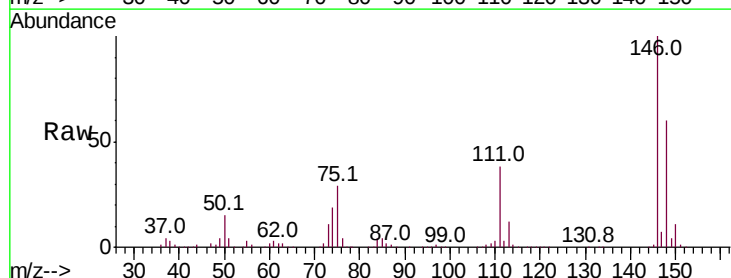
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

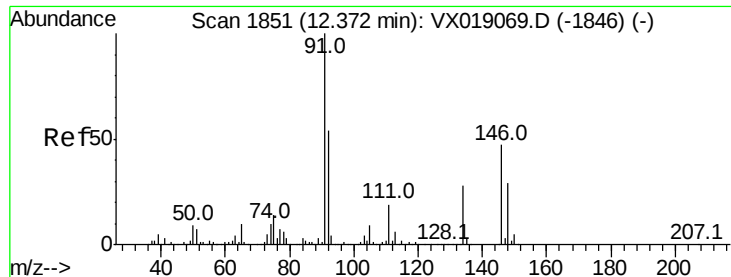
Tot Ion:146 Resp: 104029
 Ion Ratio Lower Upper
 146 100
 111 39.0 20.0 59.9
 148 62.5 32.2 96.6



#84
 1,4-Dichlorobenzene
 Concen: 19.693 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019121.D
 Acq: 26 Oct 2020 16:01

Tgt Ion:146 Resp: 105712
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.9 56.7
 148 61.8 31.6 95.0





#85

n-Butylbenzene

Concen: 19.341 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

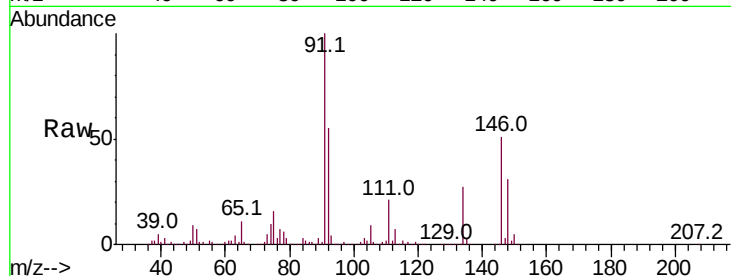
Tot Ion: 91 Resp: 182642

Ion Ratio Lower Upper

91 100

92 54.3 0.0 107.4

134 27.1 0.0 54.6



Abundance Ion 91.00 (90.70 to 91.70): VX019069.D (-1846) (-)

Ion 92.00 (91.70 to 92.70): VX019069.D (-1846) (-)

Ion 134.00 (133.70 to 134.70): VX019069.D (-1846) (-)

12.37

150000

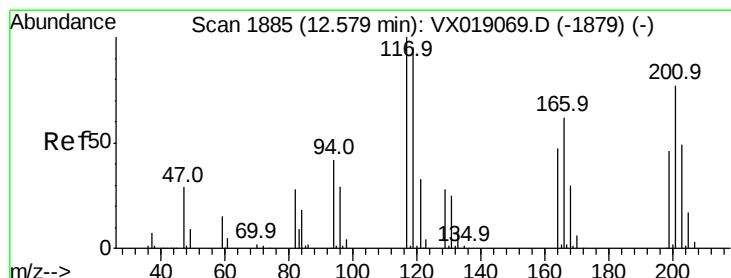
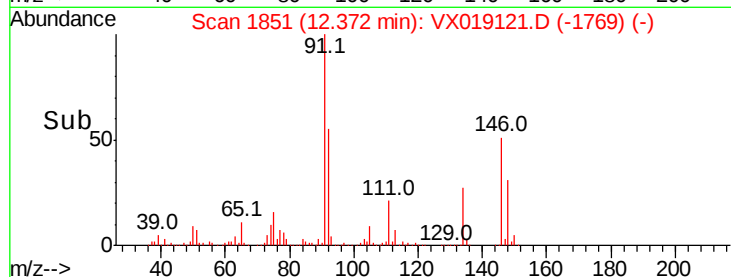
100000

50000

0

12.35 12.40

Time-->



#86

Hexachloroethane

Concen: 18.256 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX019121.D

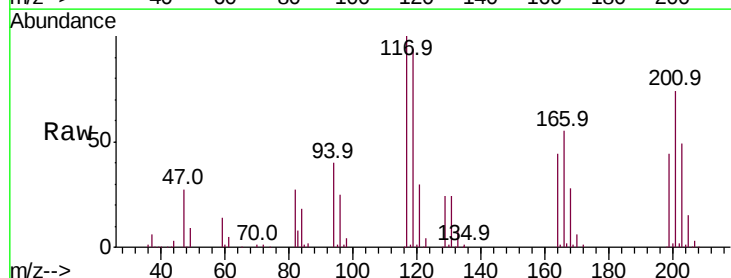
Acq: 26 Oct 2020 16:01

Tgt Ion: 117 Resp: 29573

Ion Ratio Lower Upper

117 100

201 76.5 38.4 115.1



Abundance Ion 117.00 (116.70 to 117.70): VX019069.D (-1879) (-)

Ion 201.00 (200.70 to 201.70): VX019069.D (-1879) (-)

12.58

25000

20000

15000

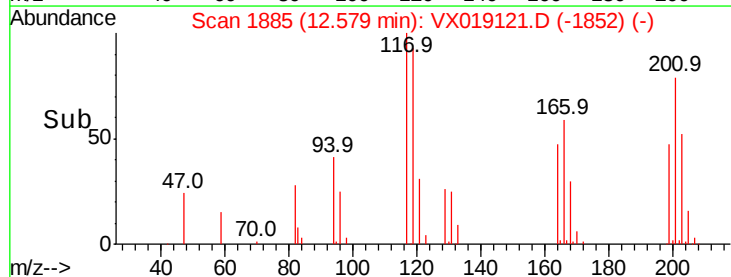
10000

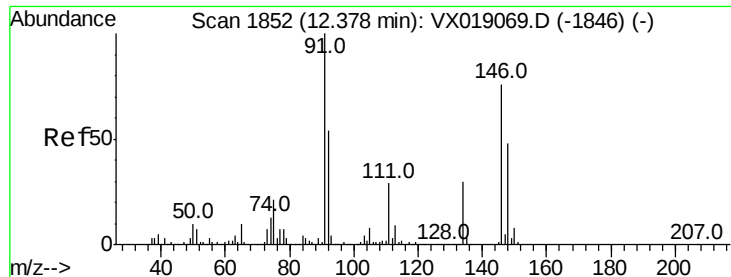
5000

0

12.55 12.60

Time-->





#87

1,2-Dichlorobenzene

Concen: 19.878 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.01 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

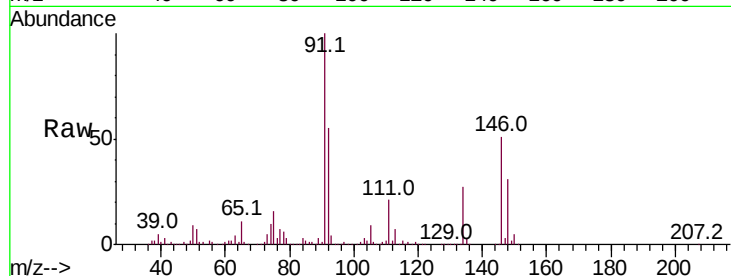
Tot Ion:146 Resp: 100608

Ion Ratio Lower Upper

146 100

111 40.6 20.3 61.0

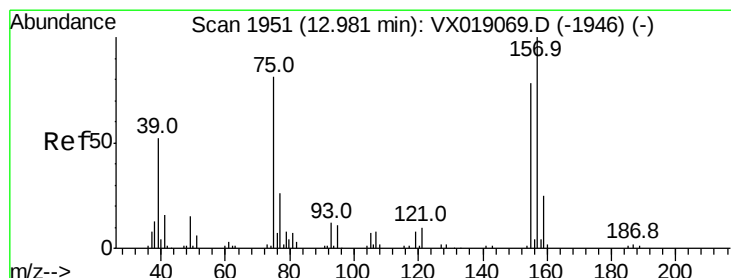
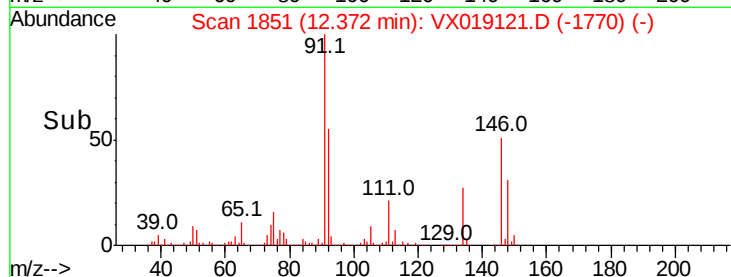
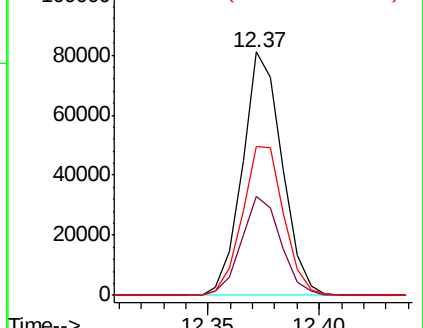
148 64.2 32.1 96.5



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.418 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

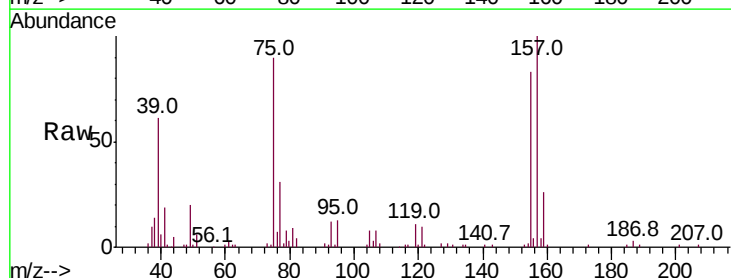
Tgt Ion: 75 Resp: 14566

Ion Ratio Lower Upper

75 100

155 90.8 73.7 110.5

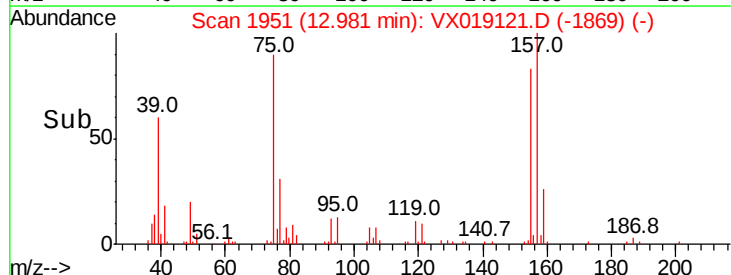
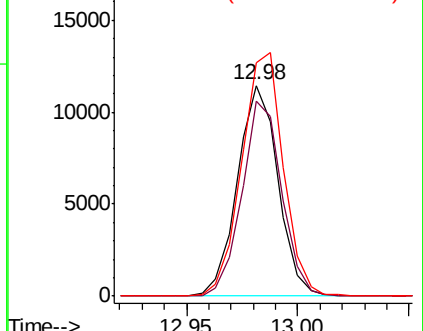
157 118.7 96.5 144.7

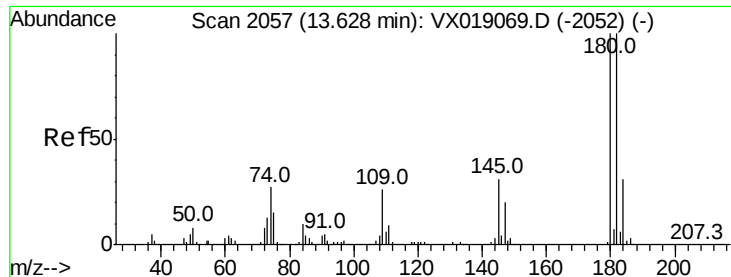


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

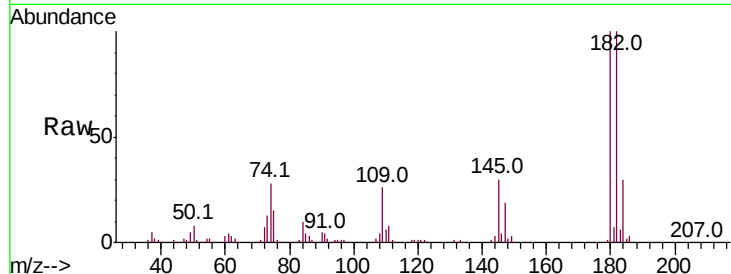




#89
 1,2,4-Trichlorobenzene
 Concen: 18.971 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019121.D
 Acq: 26 Oct 2020 16:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.5	114.7
145	30.8	24.2	36.4

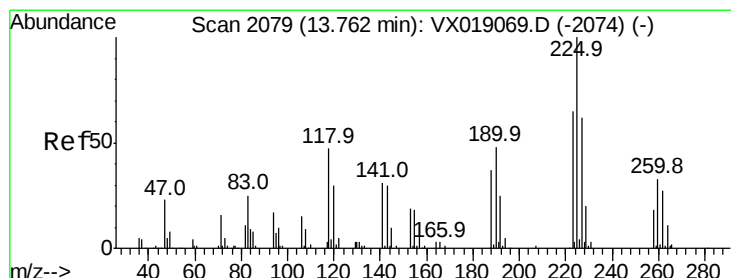
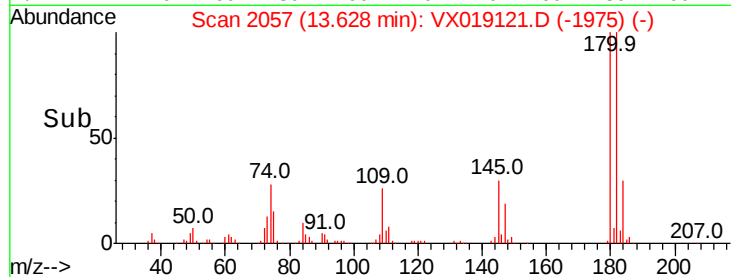
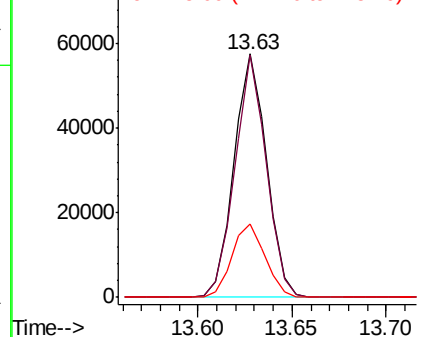


Abundance

Ion 180.00 (179.70 to 180.70): V

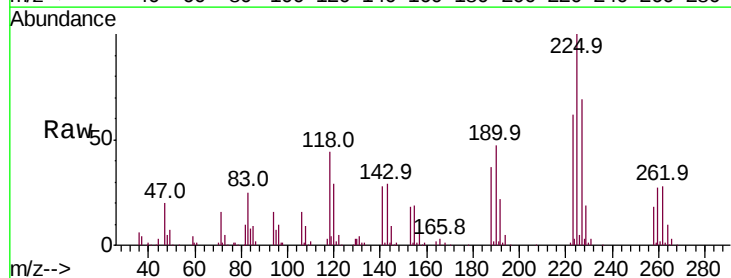
Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#90
 Hexachlorobutadiene
 Concen: 20.112 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX019121.D
 Acq: 26 Oct 2020 16:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	0.0	130.0
227	62.8	0.0	128.6

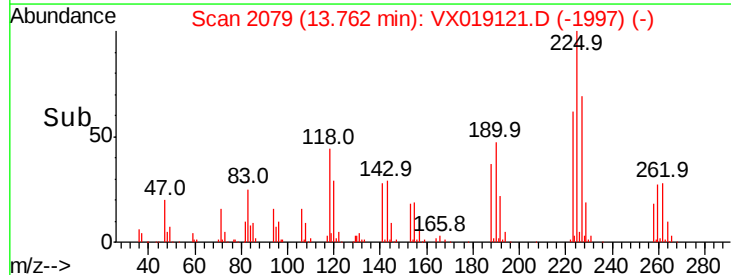
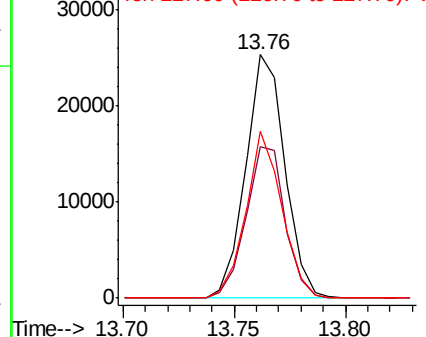


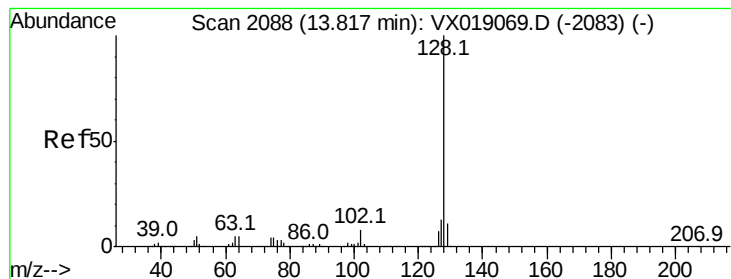
Abundance

Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 18.442 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

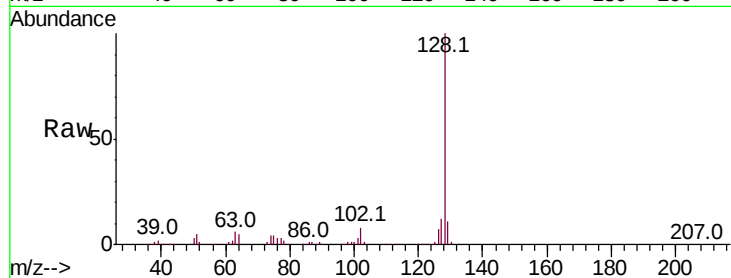
Tot Ion:128 Resp: 219901

Ion Ratio Lower Upper

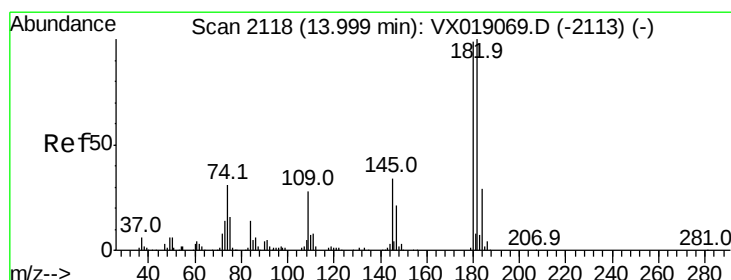
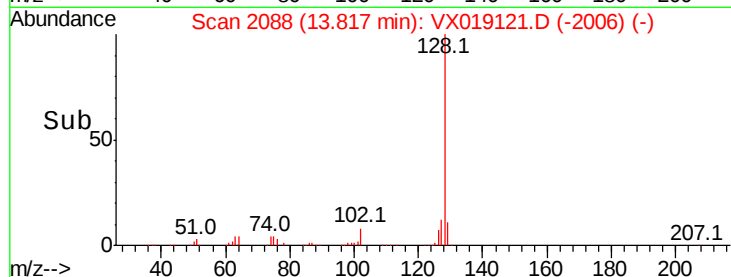
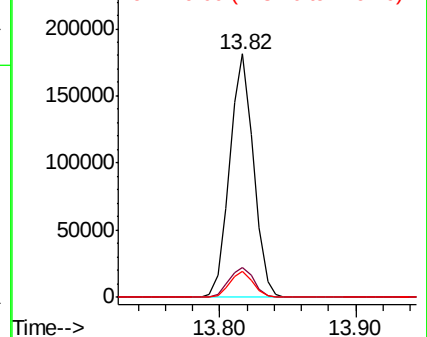
128 100

127 12.9 10.6 16.0

129 10.7 8.9 13.3



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: 19.555 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX019121.D

Acq: 26 Oct 2020 16:01

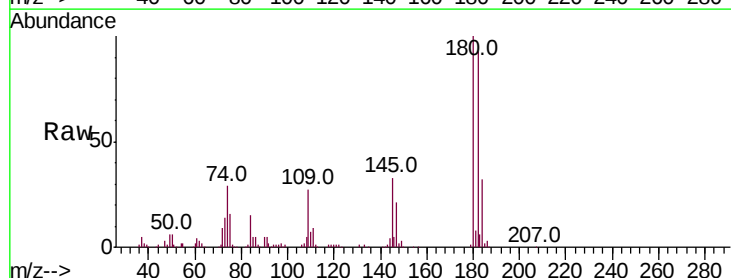
Tgt Ion:180 Resp: 68518

Ion Ratio Lower Upper

180 100

182 93.2 0.0 192.4

145 31.6 0.0 64.6



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

