

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120720\
 Data File : VX019753.D
 Acq On : 07 Dec 2020 16:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 08 05:58:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	315901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	503782	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	469178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	235884	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.02	65	185525	44.68	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	89.36%
35) Dibromofluoromethane	5.46	113	153355	47.10	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.20%
50) Toluene-d8	8.69	98	592655	47.68	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.36%
62) 4-Bromofluorobenzene	11.12	95	230526	48.73	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.46%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	169708	58.678	ug/l 99
3) Chloromethane	1.31	50	169465	49.822	ug/l 99
4) Vinyl Chloride	1.39	62	203141	56.641	ug/l 99
5) Bromomethane	1.62	94	61425	51.580	ug/l 100
6) Chloroethane	1.70	64	129175	59.957	ug/l 98
7) Trichlorofluoromethane	1.91	101	287298	57.520	ug/l 98
8) Diethyl Ether	2.17	74	118842	56.148	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	164488	57.455	ug/l 100
10) Methyl Iodide	2.49	142	169900	40.262	ug/l 99
11) Tert butyl alcohol	3.01	59	234911	275.479	ug/l 100
12) 1,1-Dichloroethene	2.36	96	163072	56.342	ug/l 97
13) Acrolein	2.27	56	130386	284.507	ug/l 100
14) Allyl chloride	2.70	41	273454	55.941	ug/l 100
15) Acrylonitrile	3.11	53	516518	275.191	ug/l 99
16) Acetone	2.41	43	466693	299.051	ug/l 98
17) Carbon Disulfide	2.55	76	451659	54.385	ug/l 100
18) Methyl Acetate	2.74	43	214320	56.121	ug/l 99
19) Methyl tert-butyl Ether	3.16	73	610103	57.881	ug/l 98
20) Methylene Chloride	2.83	84	204313	57.562	ug/l 99
21) trans-1,2-Dichloroethene	3.14	96	190200	56.366	ug/l 97
22) Diisopropyl ether	3.82	45	569715	57.644	ug/l 95
23) Vinyl Acetate	3.78	43	2436802	289.400	ug/l 99
24) 1,1-Dichloroethane	3.66	63	337122	56.564	ug/l 100
25) 2-Butanone	4.62	43	682513	284.618	ug/l 99
26) 2,2-Dichloropropane	4.54	77	297519	57.967	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	222921	56.451	ug/l 99
28) Bromochloromethane	4.97	49	133476	46.979	ug/l 97
29) Tetrahydrofuran	5.08	42	419934	271.802	ug/l 99
30) Chloroform	5.17	83	348456	56.861	ug/l 97
31) Cyclohexane	5.54	56	295048	57.129	ug/l 97
32) 1,1,1-Trichloroethane	5.46	97	303621	57.532	ug/l 100
36) 1,1-Dichloropropene	5.76	75	261109	57.357	ug/l 99
37) Ethyl Acetate	4.78	43	258661	56.275	ug/l 99
38) Carbon Tetrachloride	5.74	117	260650	58.469	ug/l 98

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Quant Time: Dec 08 05:58:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	320116	59.852	ug/l	99
40) Benzene	6.10	78	799257	57.475	ug/l	99
41) Methacrylonitrile	4.99	41	141631	56.123	ug/l	99
42) 1,2-Dichloroethane	6.15	62	272452	57.343	ug/l	99
43) Isopropyl Acetate	6.40	43	422518	56.542	ug/l	100
44) Trichloroethene	7.18	130	210370	57.657	ug/l	100
45) 1,2-Dichloropropane	7.48	63	200263	57.621	ug/l	96
46) Dibromomethane	7.63	93	134893	57.473	ug/l	98
47) Bromodichloromethane	7.87	83	276489	59.367	ug/l	99
48) Methyl methacrylate	7.74	41	211557	57.564	ug/l	99
49) 1,4-Dioxane	7.71	88	99819	1121.187	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1312363	287.651	ug/l	99
52) Toluene	8.76	92	507930	58.400	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	309171	59.822	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	333752	59.442	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	205134	58.527	ug/l	97
56) Ethyl methacrylate	9.15	69	317566	59.886	ug/l	100
57) 1,3-Dichloropropane	9.35	76	344723	57.600	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	886258	315.480	ug/l	99
59) 2-Hexanone	9.47	43	1034031	292.395	ug/l	100
60) Dibromochloromethane	9.56	129	214157	60.140	ug/l	98
61) 1,2-Dibromoethane	9.65	107	218315	58.658	ug/l	99
64) Tetrachloroethene	9.31	164	183858	58.434	ug/l	96
65) Chlorobenzene	10.12	112	535689	57.309	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	201235	59.814	ug/l	99
67) Ethyl Benzene	10.23	91	974186	58.714	ug/l	99
68) m/p-Xylenes	10.34	106	739785	118.326	ug/l	99
69) o-Xylene	10.68	106	357956	59.519	ug/l	98
70) Styrene	10.70	104	611384	60.228	ug/l	100
71) Bromoform	10.84	173	160288	60.562	ug/l #	98
73) Isopropylbenzene	11.00	105	953999	59.197	ug/l	100
74) N-amyl acetate	10.88	43	373604	57.850	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	321797	56.638	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	379898	71.808	ug/l	87
77) Bromobenzene	11.24	156	241650	58.594	ug/l	98
78) n-propylbenzene	11.34	91	1112144	60.422	ug/l	100
79) 2-Chlorotoluene	11.40	91	660861	58.303	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	819443	60.249	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	112051	61.227	ug/l	97
82) 4-Chlorotoluene	11.49	91	777120	58.539	ug/l	99
83) tert-Butylbenzene	11.76	119	808515	60.612	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	829194	60.523	ug/l	100
85) sec-Butylbenzene	11.93	105	931080	61.136	ug/l	99
86) p-Isopropyltoluene	12.05	119	867703	62.167	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	437422	57.789	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	441397	57.254	ug/l	100
89) n-Butylbenzene	12.37	91	763838	61.769	ug/l	100
90) Hexachloroethane	12.58	117	149219	61.924	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	424795	57.570	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	68893	56.404	ug/l	98

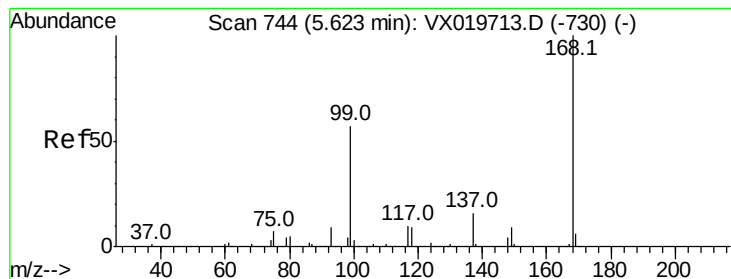
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QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	282101	58.731	ug/l	100
94) Hexachlorobutadiene	13.76	225	123667	57.604	ug/l	97
95) Naphthalene	13.82	128	916719	58.869	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	273362	58.234	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

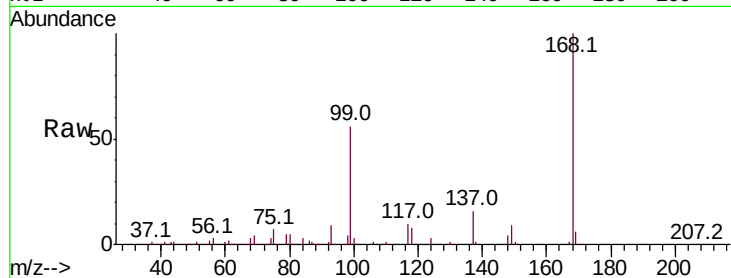
VSTDCCC050EC

Tot Ion:168 Resp: 315901

Ion Ratio Lower Upper

168 100

99 56.1 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

120000

100000

80000

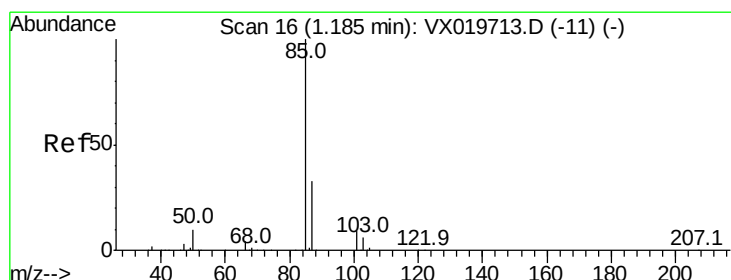
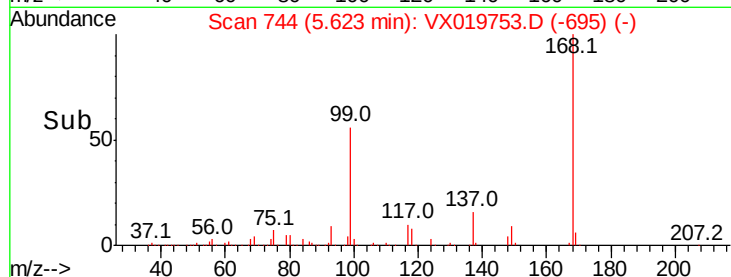
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 58.678 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019753.D

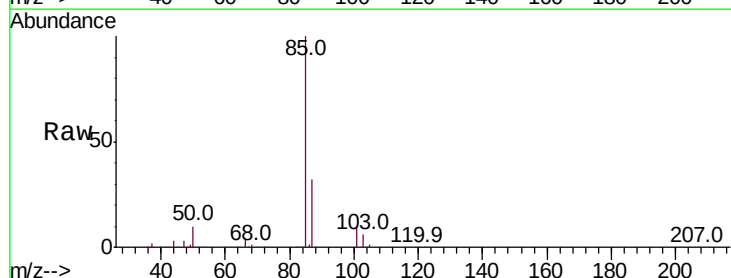
Acq: 07 Dec 2020 16:14

Tgt Ion: 85 Resp: 169708

Ion Ratio Lower Upper

85 100

87 32.4 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

200000

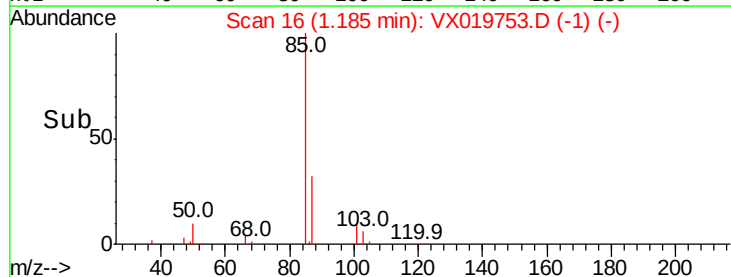
150000

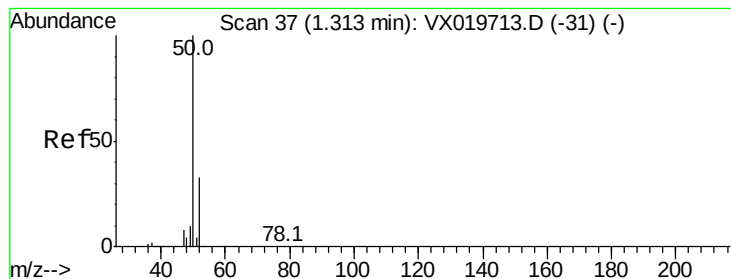
100000

50000

0

Time-->





#3

Chloromethane

Concen: 49.822 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

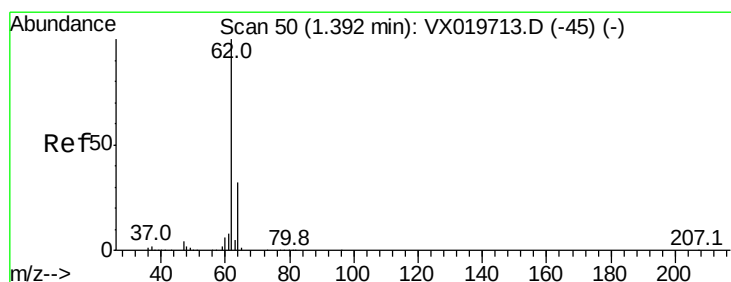
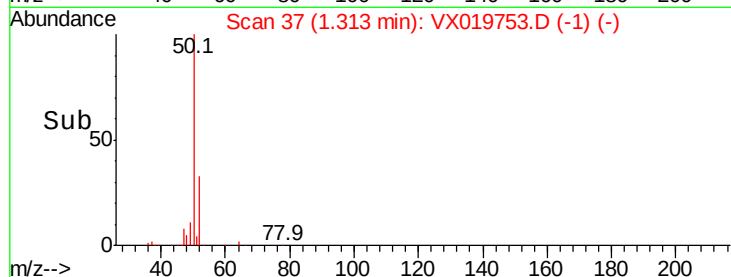
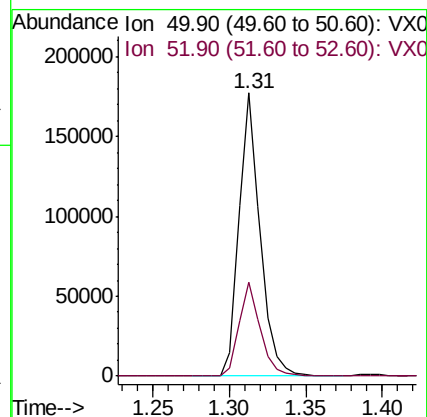
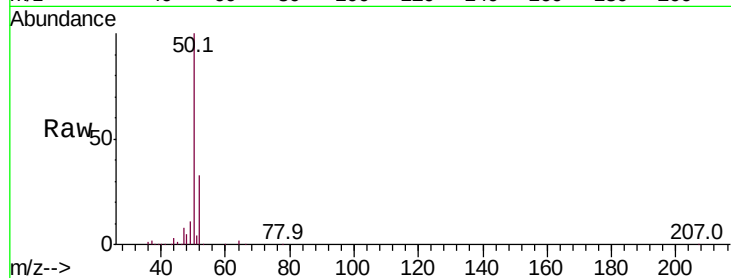
VSTDCCC050EC

Tot Ion: 50 Resp: 169465

Ion Ratio Lower Upper

50 100

52 33.4 26.4 39.6



#4

Vinyl Chloride

Concen: 56.641 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019753.D

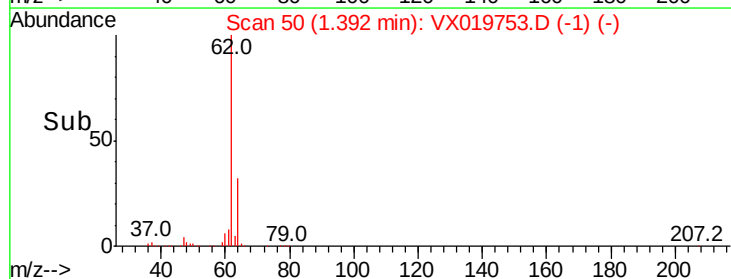
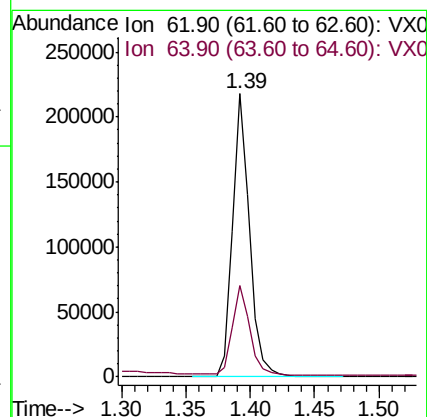
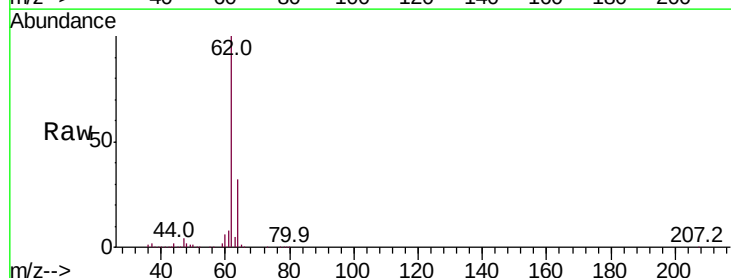
Acq: 07 Dec 2020 16:14

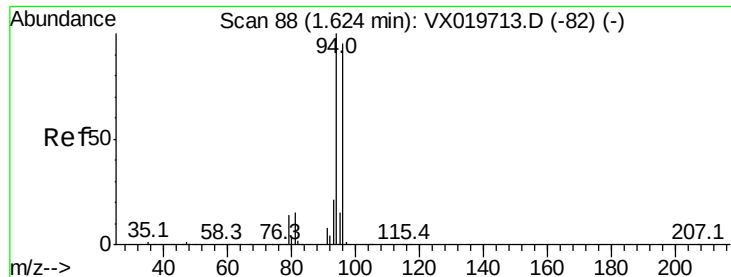
Tgt Ion: 62 Resp: 203141

Ion Ratio Lower Upper

62 100

64 31.8 25.7 38.5





#5

Bromomethane

Concen: 51.580 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

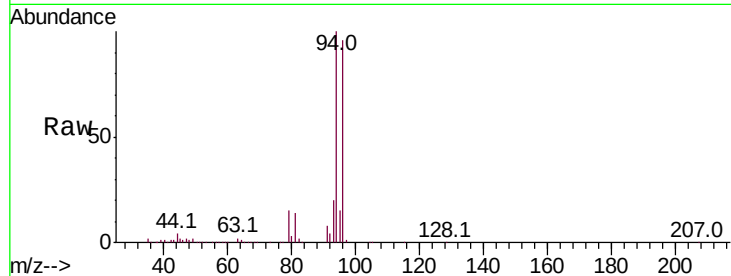
VSTDCCC050EC

Tot Ion: 94 Resp: 61425

Ion Ratio Lower Upper

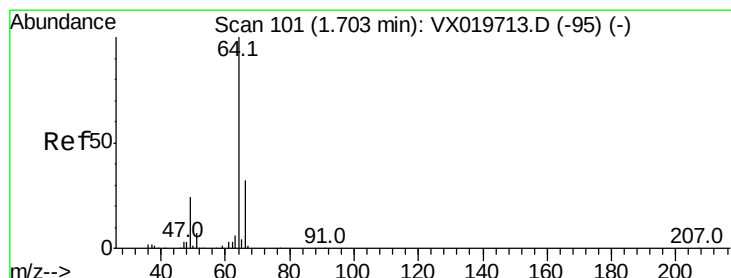
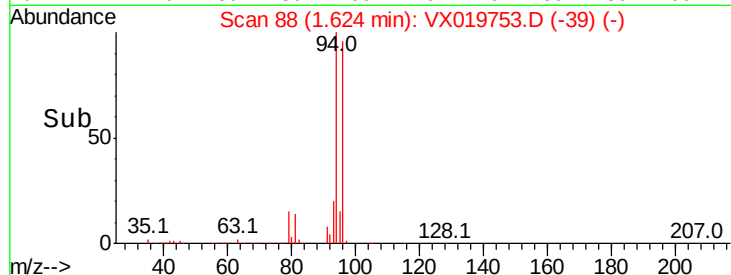
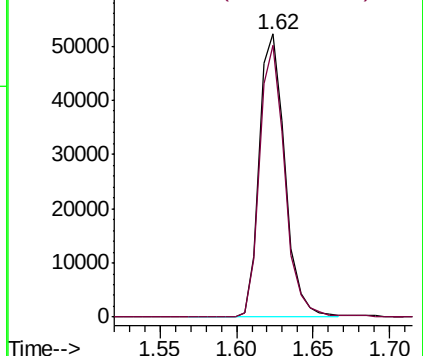
94 100

96 95.9 76.4 114.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 59.957 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX019753.D

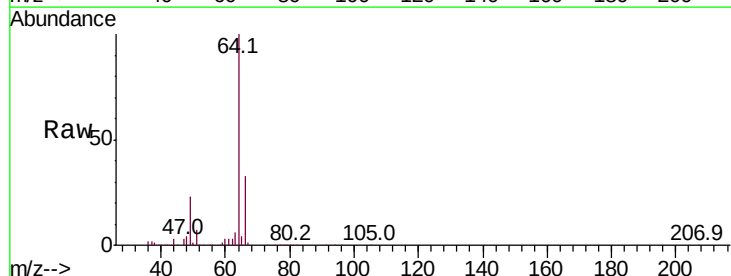
Acq: 07 Dec 2020 16:14

Tgt Ion: 64 Resp: 129175

Ion Ratio Lower Upper

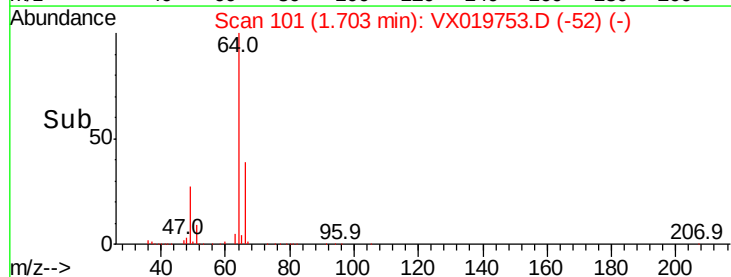
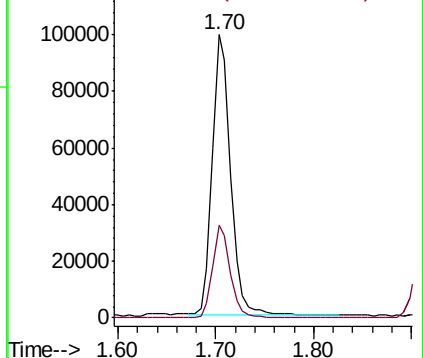
64 100

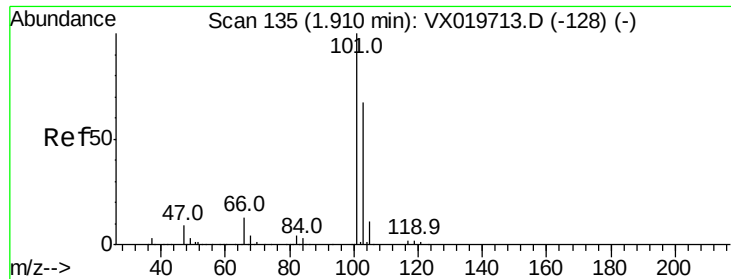
66 32.9 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



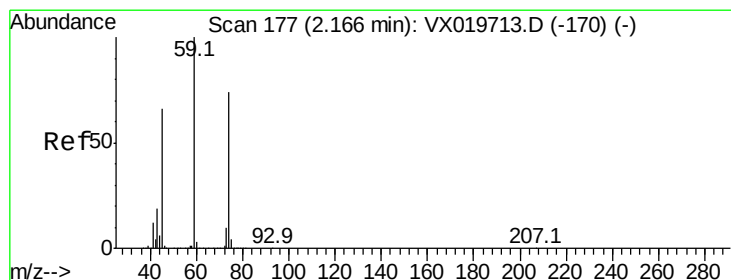
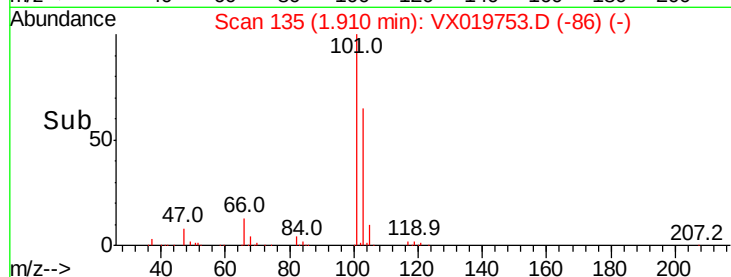
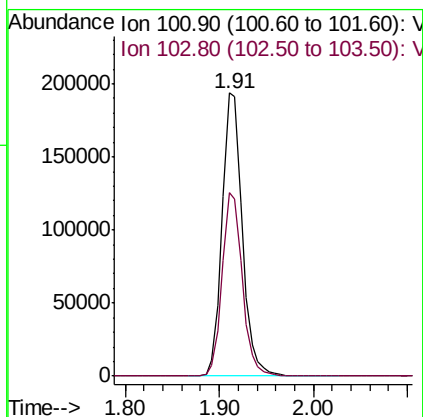
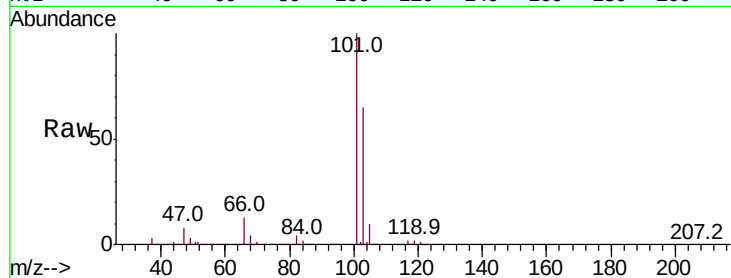


#7

Trichlorofluoromethane
 Concen: 57.520 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.00 min
 Lab File: VX019753.D
 Acq: 07 Dec 2020 16:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

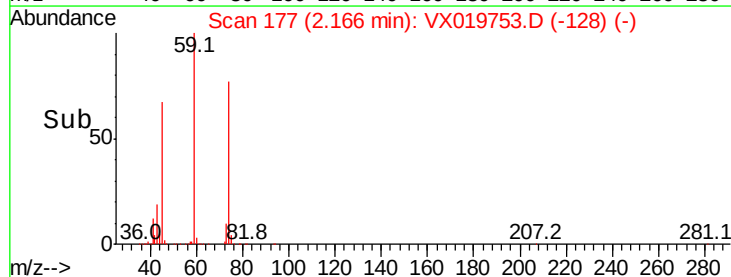
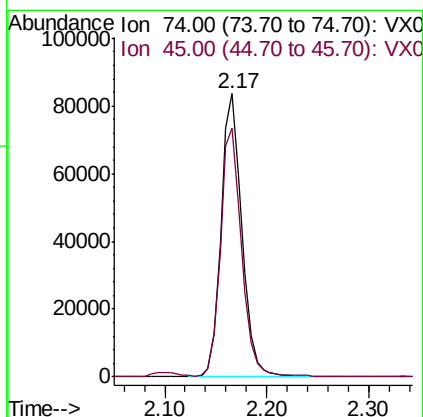
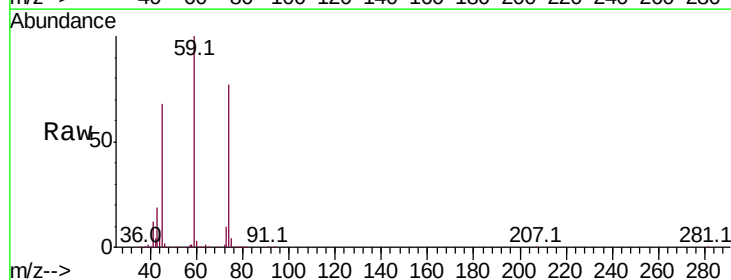
Tot Ion:101 Resp: 287298
 Ion Ratio Lower Upper
 101 100
 103 64.7 53.2 79.8

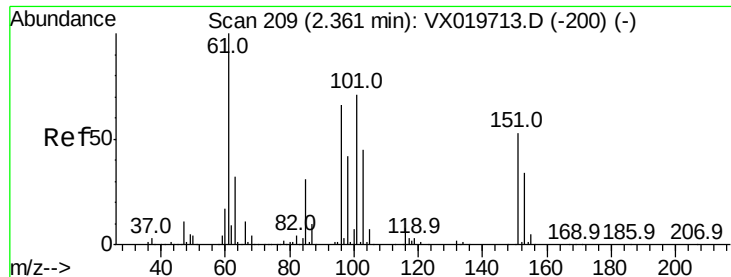


#8

Diethyl Ether
 Concen: 56.148 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX019753.D
 Acq: 07 Dec 2020 16:14

Tgt Ion: 74 Resp: 118842
 Ion Ratio Lower Upper
 74 100
 45 88.8 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 57.455 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

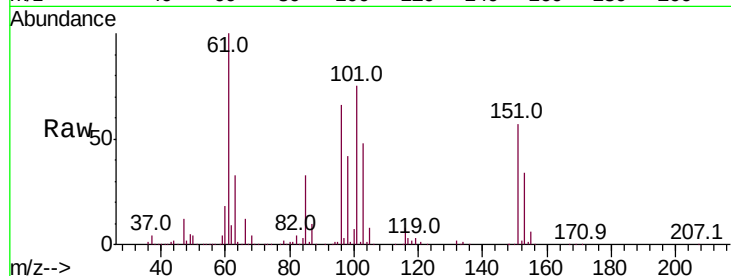
Tot Ion:101 Resp: 164488

Ion Ratio Lower Upper

101 100

85 43.7 34.9 52.3

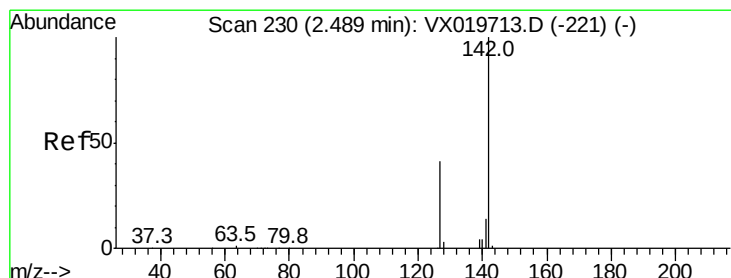
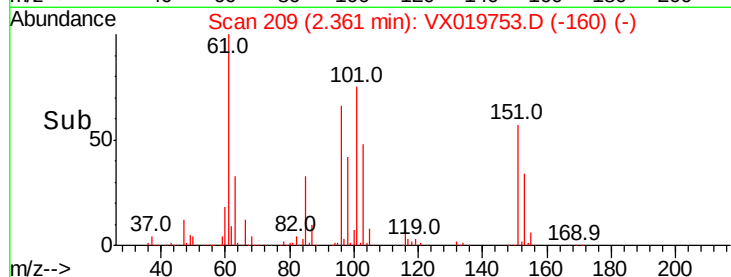
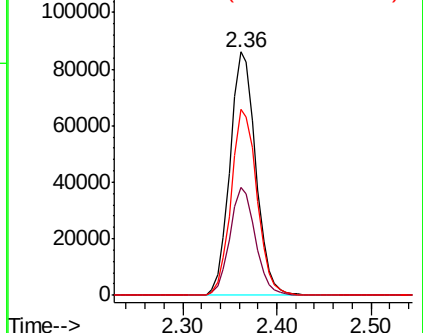
151 76.4 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 40.262 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

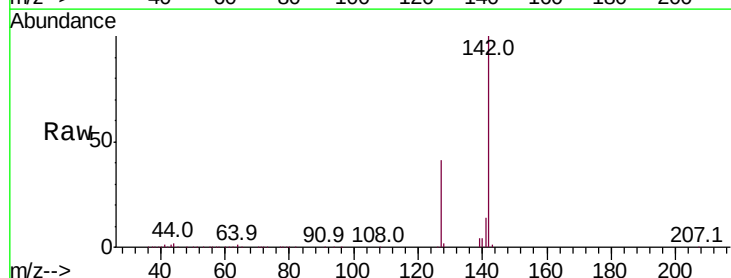
Tgt Ion:142 Resp: 169900

Ion Ratio Lower Upper

142 100

127 41.8 33.3 49.9

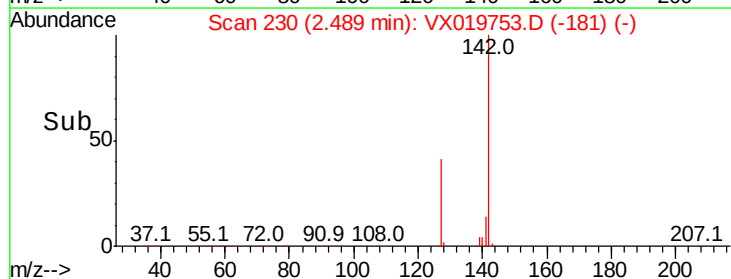
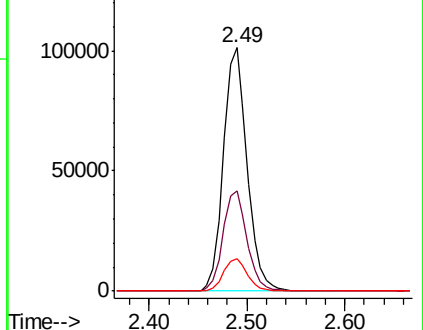
141 13.7 11.4 17.0

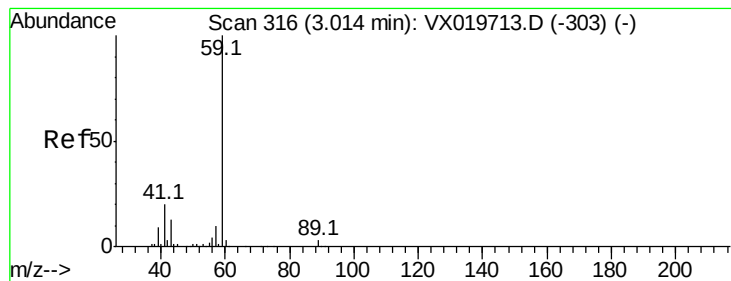


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



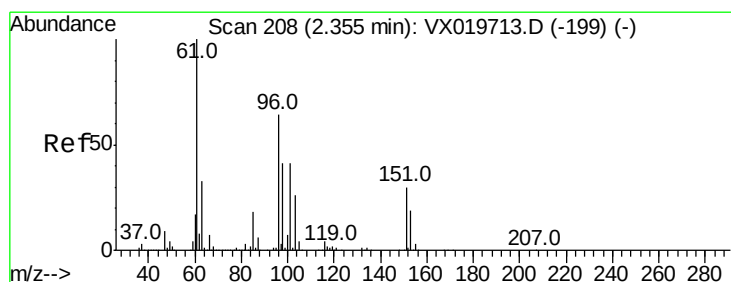
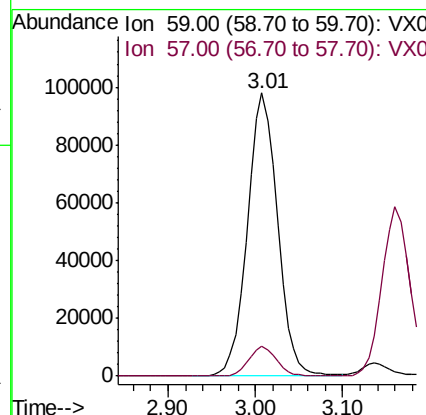
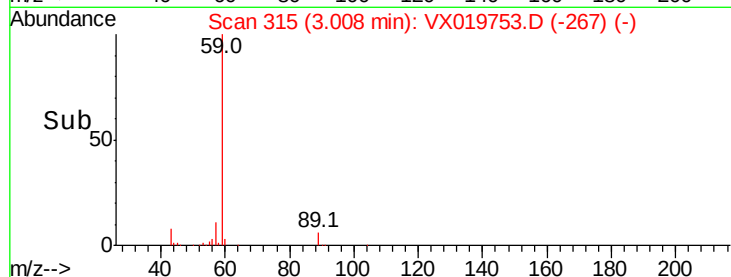
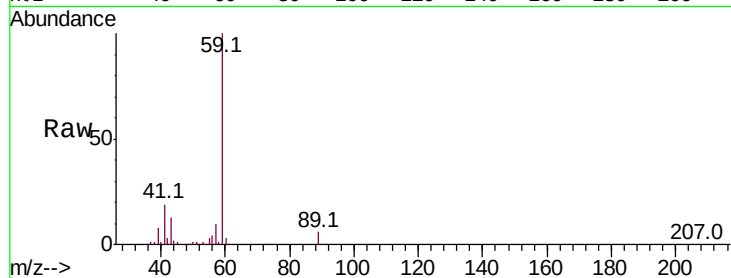


#11

Tert butyl alcohol
Concen: 275.479 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

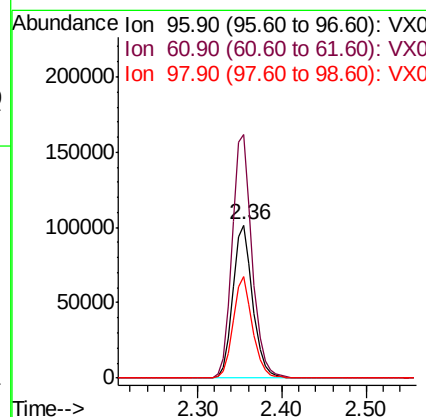
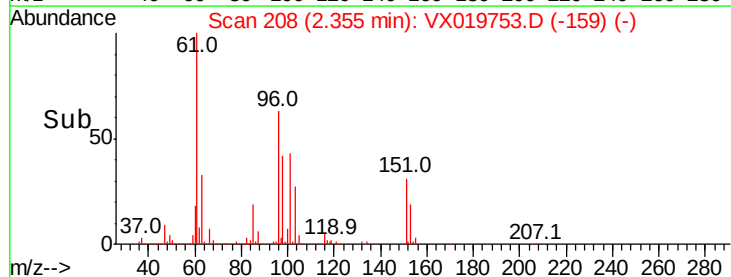
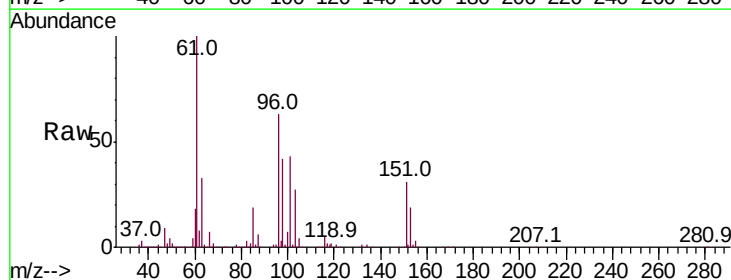
Tot Ion: 59 Resp: 234911
Ion Ratio Lower Upper
59 100
57 9.7 7.8 11.8

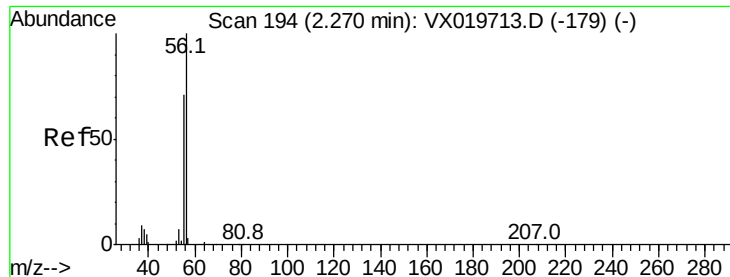


#12

1,1-Dichloroethene
Concen: 56.342 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Tgt Ion: 96 Resp: 163072
Ion Ratio Lower Upper
96 100
61 158.8 124.6 187.0
98 66.0 50.6 76.0





#13

Acrolein

Concen: 284.507 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

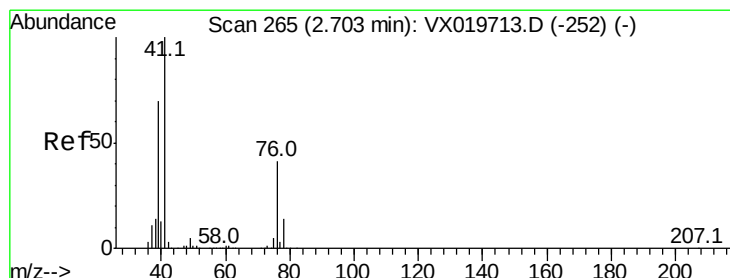
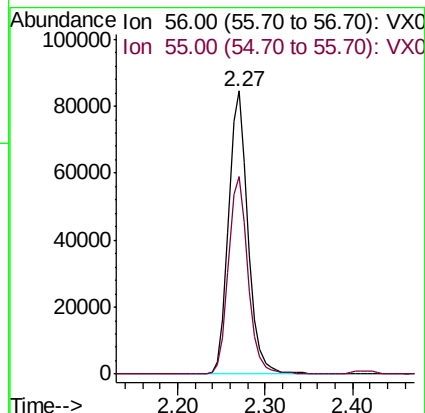
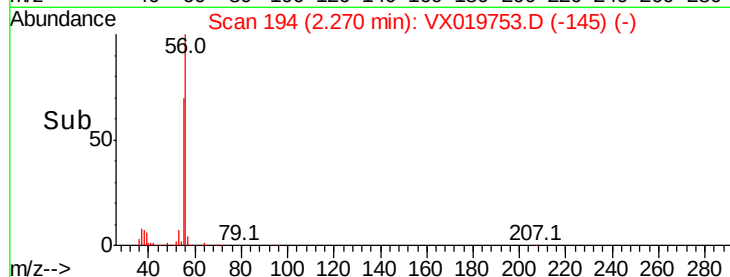
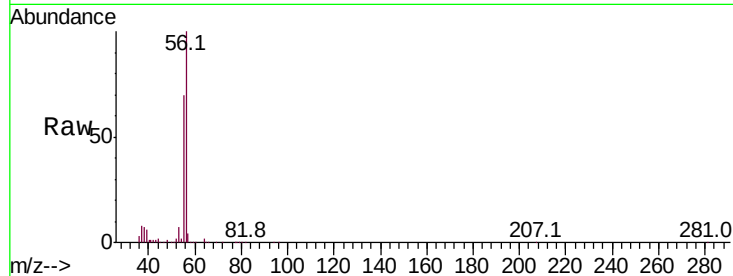
VSTDCCC050EC

Tot Ion: 56 Resp: 130386

Ion Ratio Lower Upper

56 100

55 70.2 56.4 84.6



#14

Allyl chloride

Concen: 55.941 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

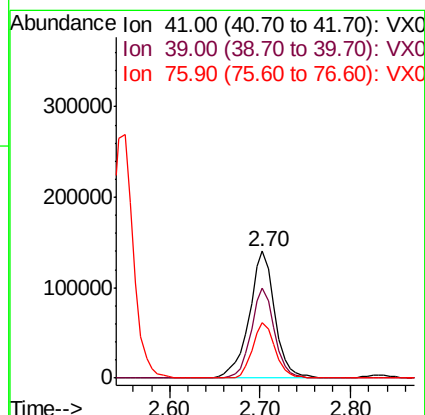
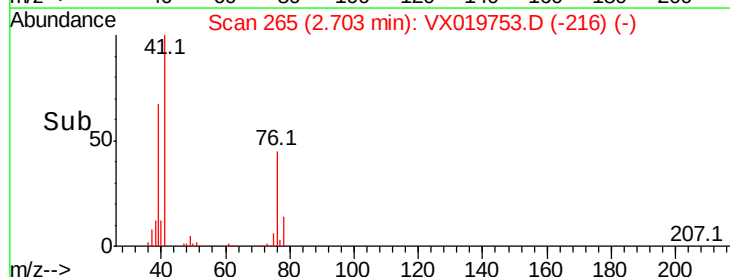
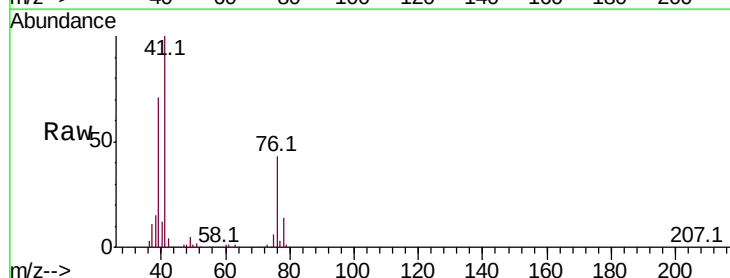
Tgt Ion: 41 Resp: 273454

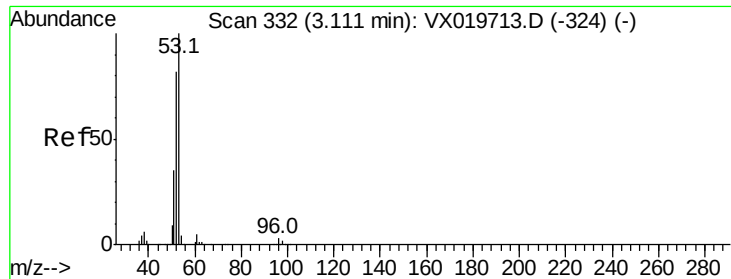
Ion Ratio Lower Upper

41 100

39 64.8 51.6 77.4

76 38.5 30.5 45.7

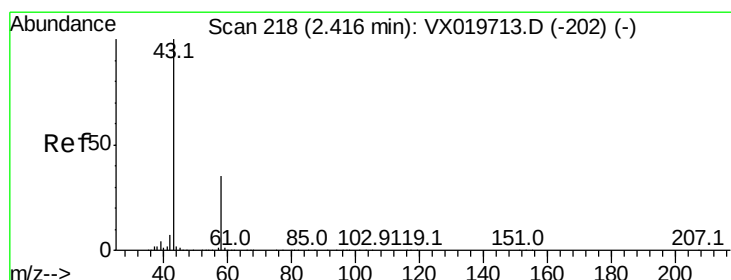
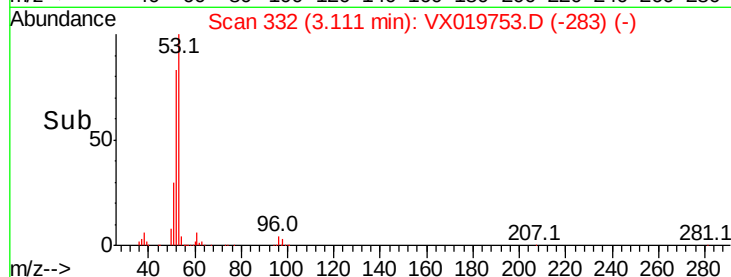
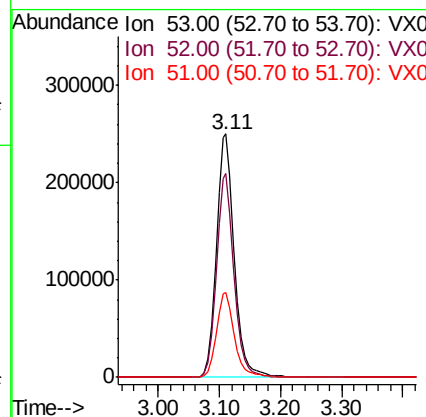
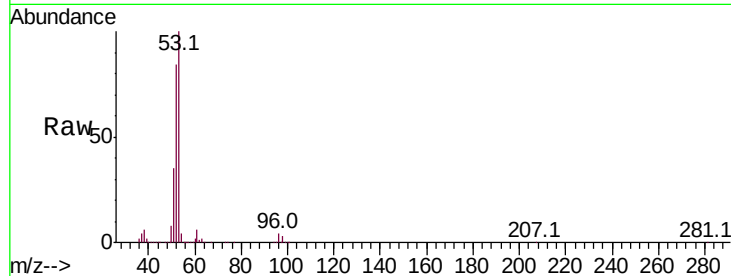




#15
 Acrylonitrile
 Concen: 275.191 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.00 min
 Lab File: VX019753.D
 Acq: 07 Dec 2020 16:14

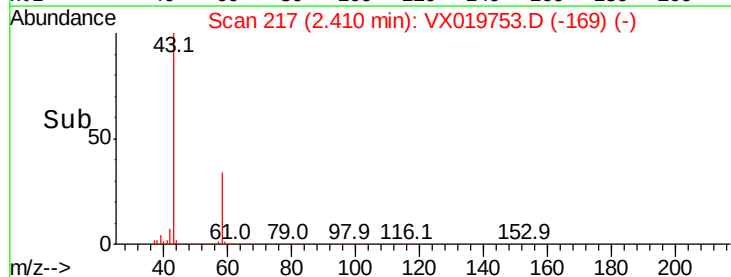
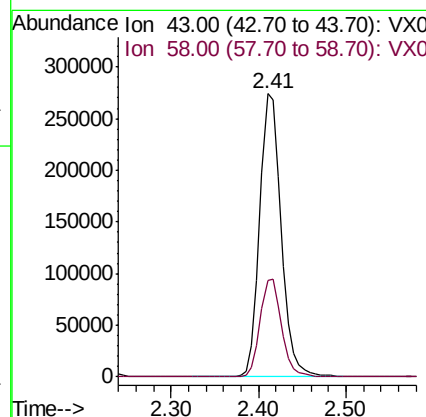
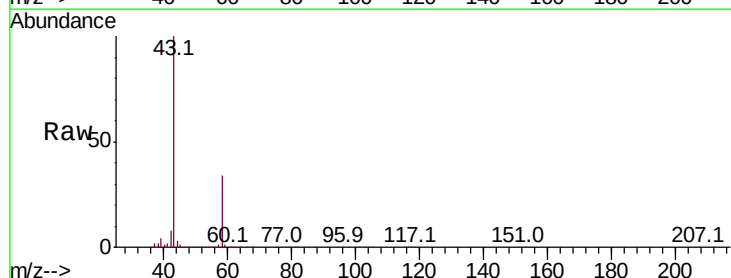
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

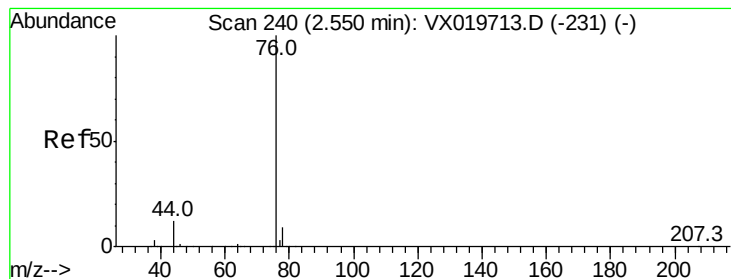
Tot Ion: 53 Resp: 516518
 Ion Ratio Lower Upper
 53 100
 52 82.3 65.3 97.9
 51 35.3 28.2 42.2



#16
 Acetone
 Concen: 299.051 ug/l
 RT: 2.41 min Scan# 217
 Delta R.T. -0.01 min
 Lab File: VX019753.D
 Acq: 07 Dec 2020 16:14

Tgt Ion: 43 Resp: 466693
 Ion Ratio Lower Upper
 43 100
 58 33.9 27.8 41.8





#17

Carbon Disulfide

Concen: 54.385 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

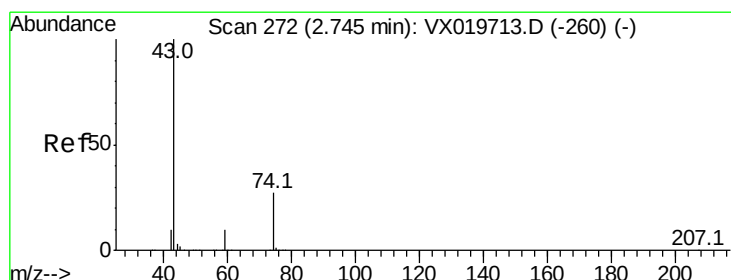
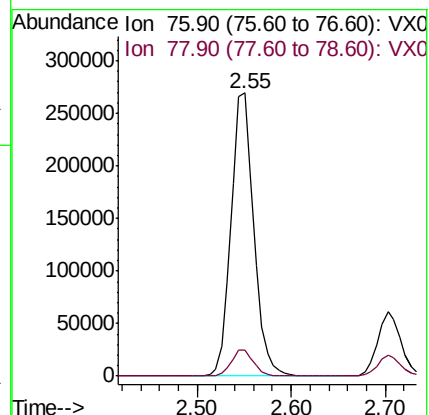
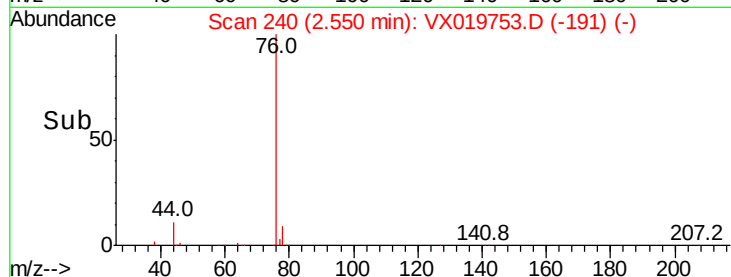
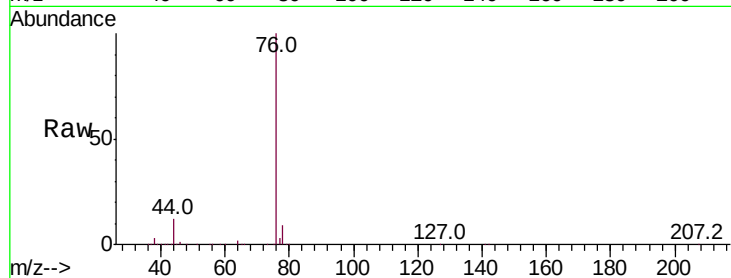
VSTDCCC050EC

Tot Ion: 76 Resp: 451659

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8



#18

Methyl Acetate

Concen: 56.121 ug/l

RT: 2.74 min Scan# 271

Delta R.T. -0.01 min

Lab File: VX019753.D

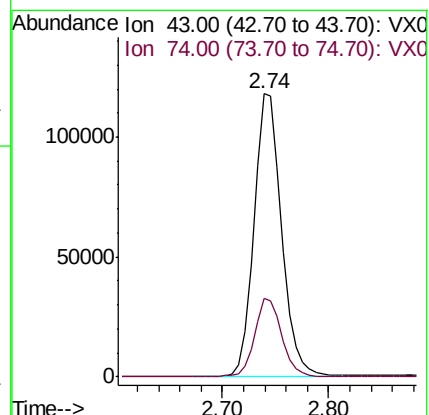
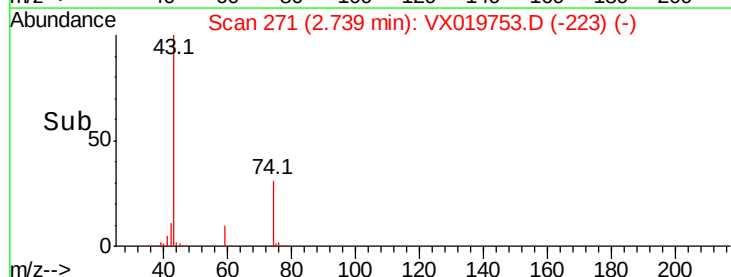
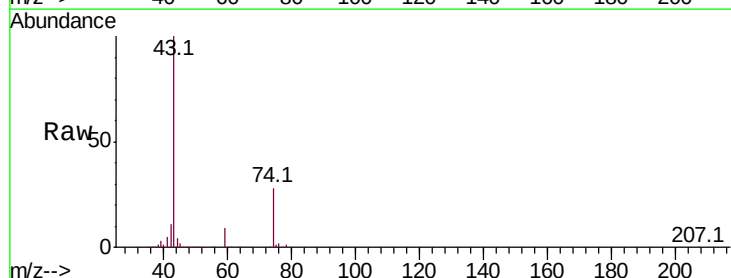
Acq: 07 Dec 2020 16:14

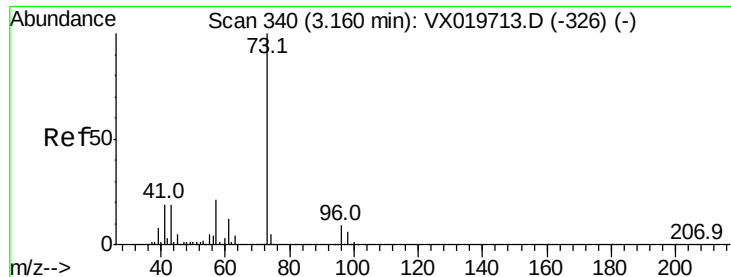
Tgt Ion: 43 Resp: 214320

Ion Ratio Lower Upper

43 100

74 27.7 21.9 32.9





#19

Methyl tert-butyl Ether

Concen: 57.881 ug/l

RT: 3.16 min Scan# 340

Delta R.T. -0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

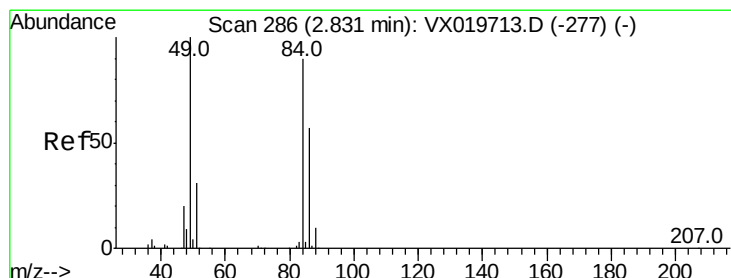
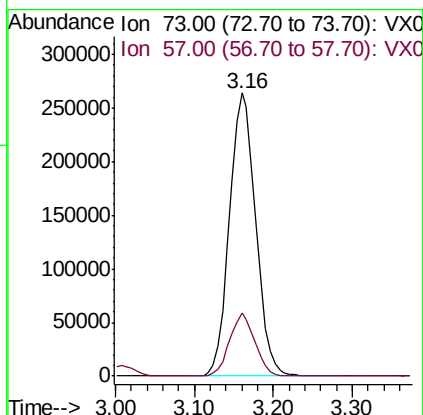
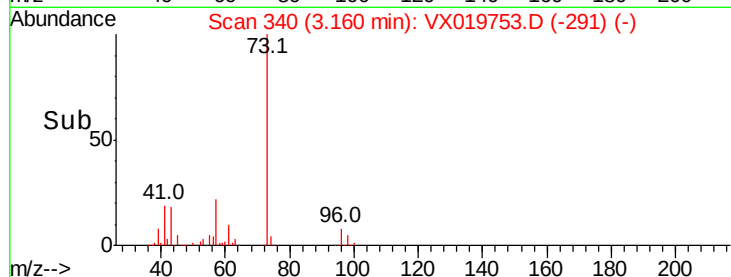
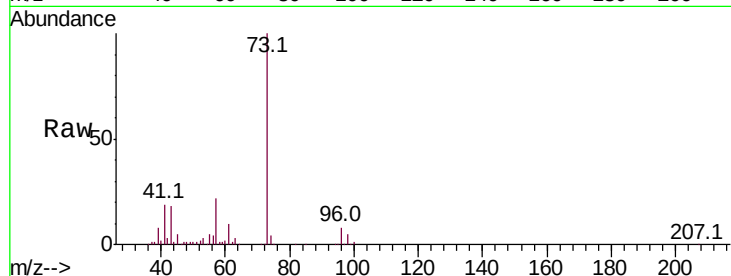
VSTDCCC050EC

Tot Ion: 73 Resp: 610103

Ion Ratio Lower Upper

73 100

57 22.3 17.1 25.7



#20

Methylene Chloride

Concen: 57.562 ug/l

RT: 2.83 min Scan# 286

Delta R.T. 0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

Tgt Ion: 84 Resp: 204313

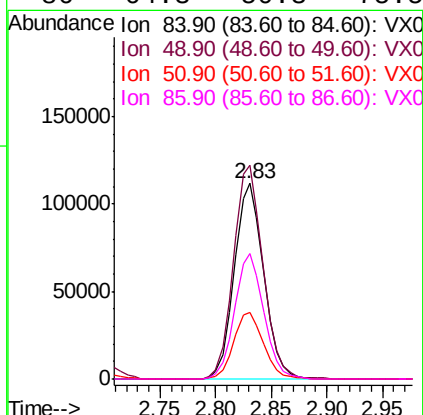
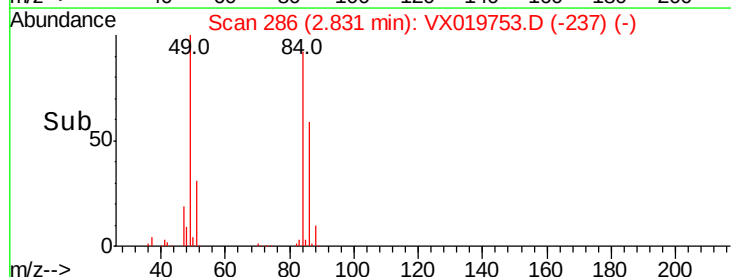
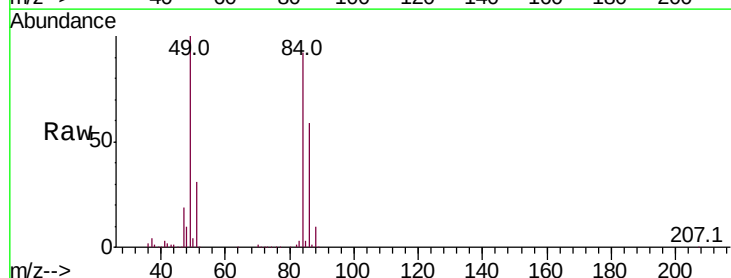
Ion Ratio Lower Upper

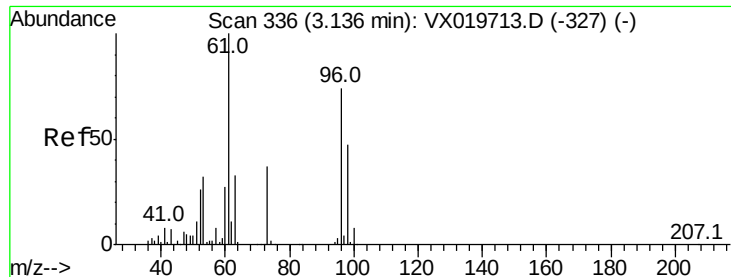
84 100

49 109.3 88.6 132.8

51 34.3 27.0 40.6

86 64.3 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 56.366 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

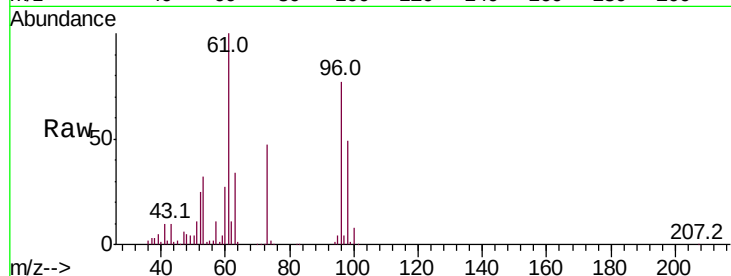
Tot Ion: 96 Resp: 190200

Ion Ratio Lower Upper

96 100

61 130.3 107.7 161.5

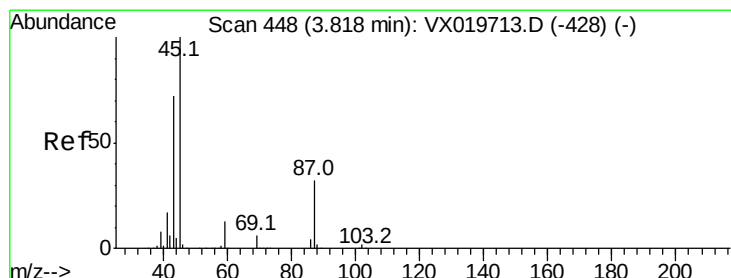
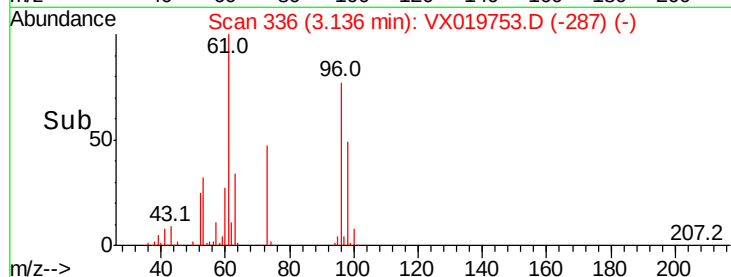
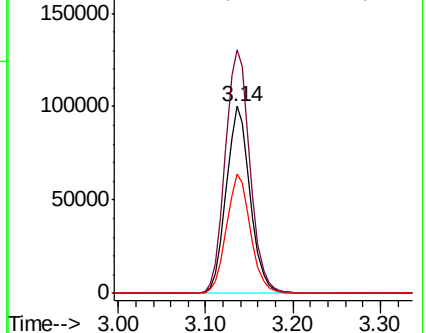
98 63.9 50.4 75.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 57.644 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

Tgt Ion: 45 Resp: 569715

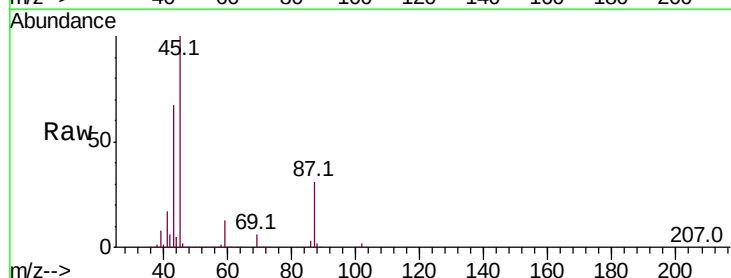
Ion Ratio Lower Upper

45 100

43 67.2 58.0 87.0

87 30.6 25.4 38.0

59 12.6 10.2 15.2

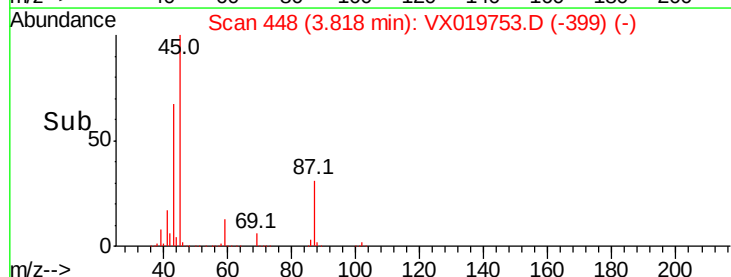
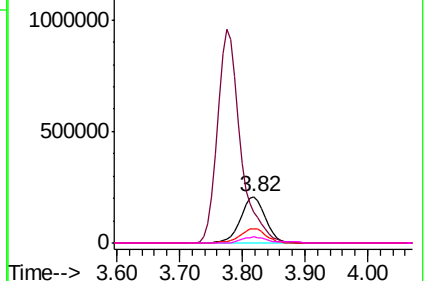


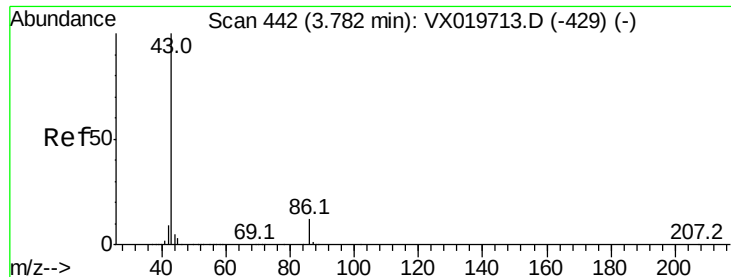
Abundance Ion 45.00 (44.70 to 45.70): VX0

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





#23

Vinyl Acetate

Concen: 289.400 ug/l

RT: 3.78 min Scan# 441

Delta R.T. -0.01 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

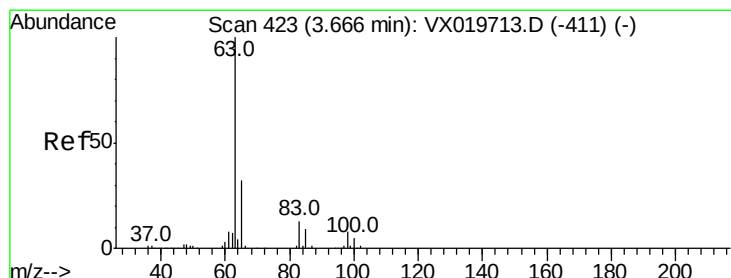
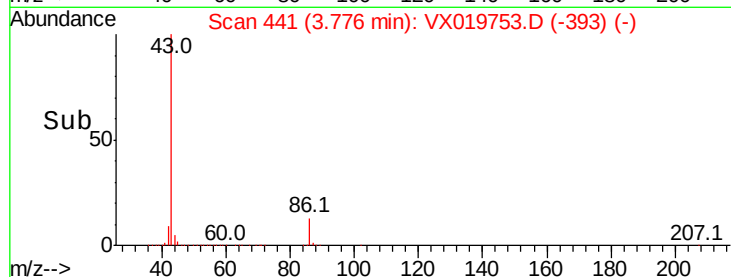
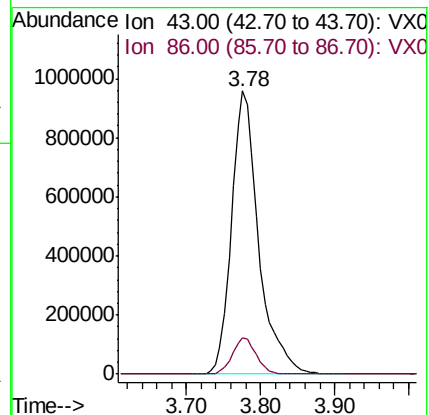
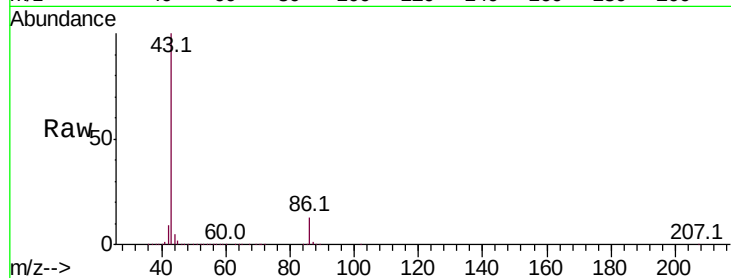
VSTDCCC050EC

Tot Ion: 43 Resp: 2436802

Ion Ratio Lower Upper

43 100

86 12.8 9.9 14.9



#24

1,1-Dichloroethane

Concen: 56.564 ug/l

RT: 3.66 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

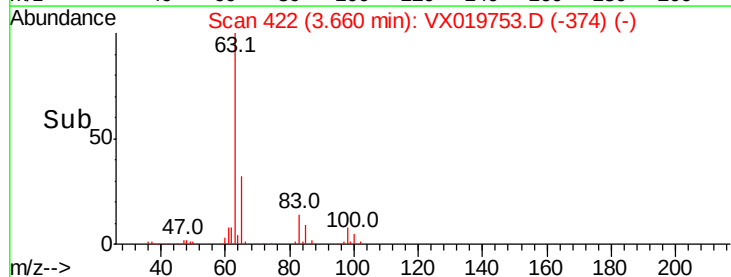
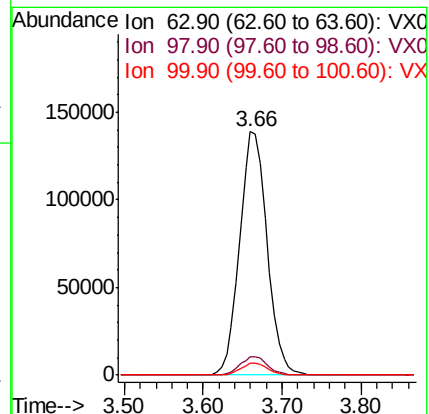
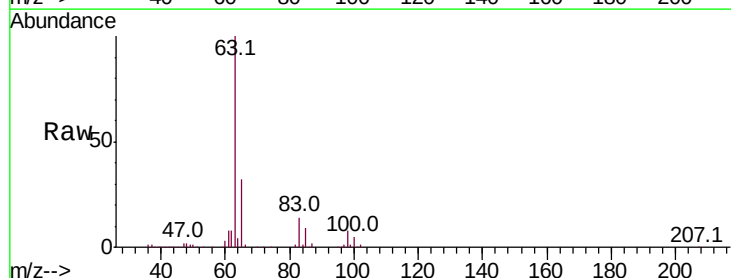
Tgt Ion: 63 Resp: 337122

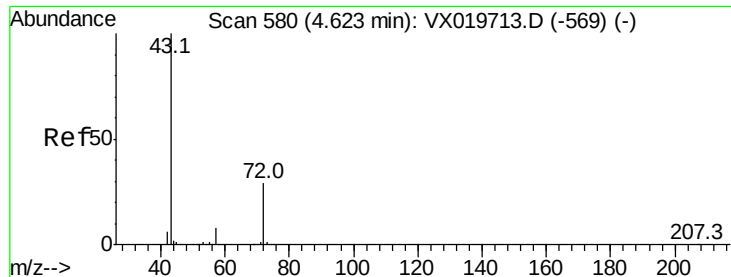
Ion Ratio Lower Upper

63 100

98 7.7 3.8 11.2

100 4.9 2.5 7.5





#25

2-Butanone

Concen: 284.618 ug/l

RT: 4.62 min Scan# 580

Delta R.T. -0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

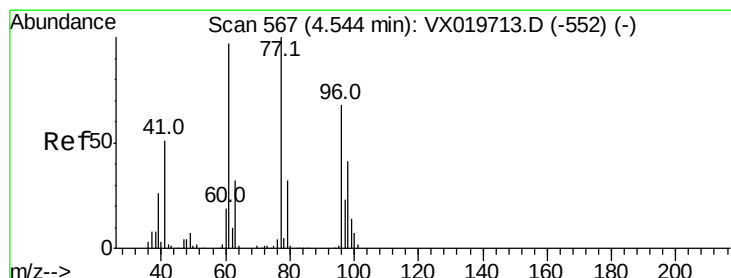
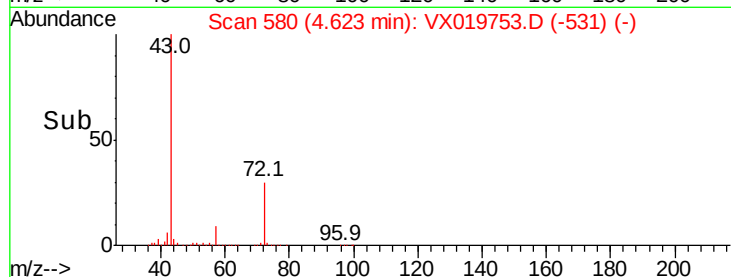
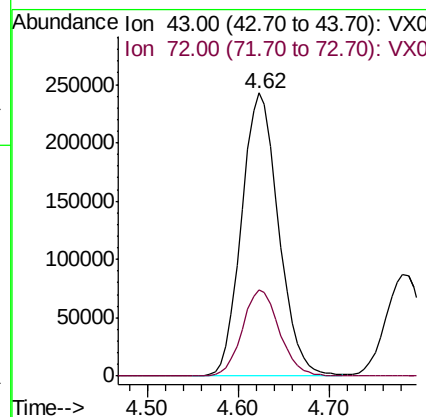
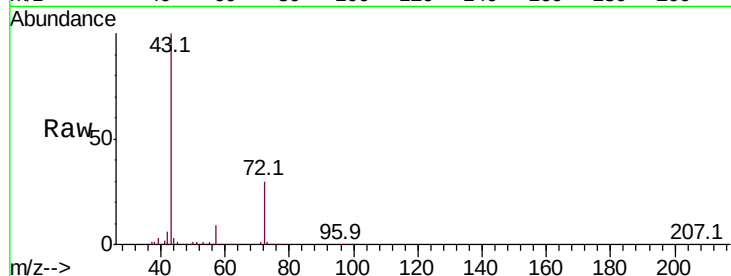
VSTDCCC050EC

Tot Ion: 43 Resp: 682513

Ion Ratio Lower Upper

43 100

72 30.2 23.7 35.5



#26

2,2-Dichloropropane

Concen: 57.967 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.00 min

Lab File: VX019753.D

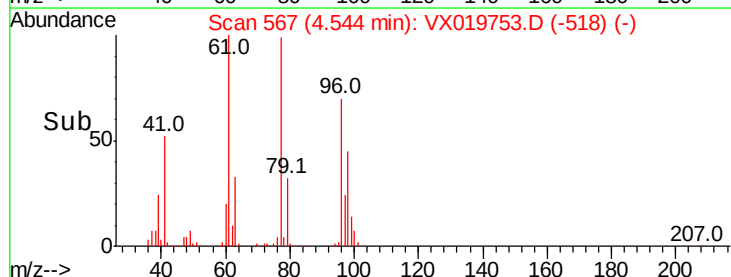
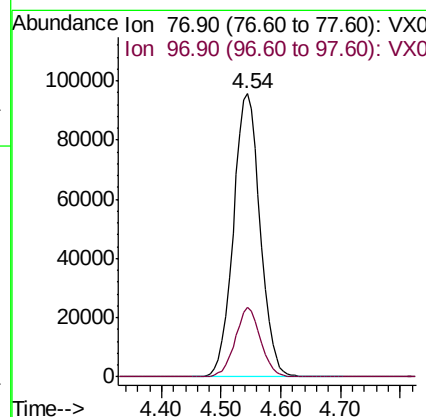
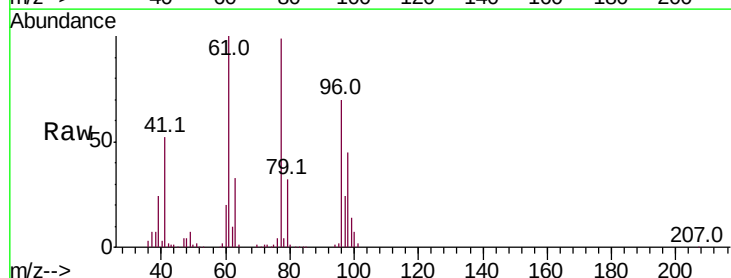
Acq: 07 Dec 2020 16:14

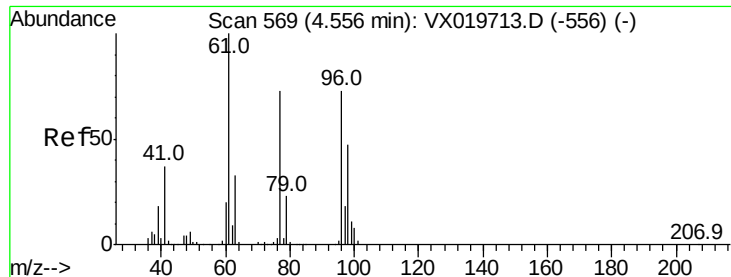
Tgt Ion: 77 Resp: 297519

Ion Ratio Lower Upper

77 100

97 23.3 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 56.451 ug/l

RT: 4.56 min Scan# 569

Delta R.T. -0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

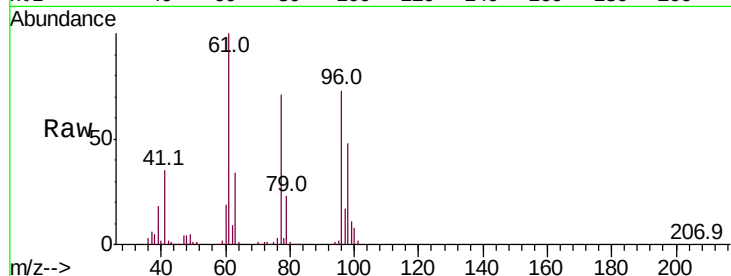
Tot Ion: 96 Resp: 222921

Ion Ratio Lower Upper

96 100

61 141.4 0.0 285.6

98 64.9 0.0 129.6

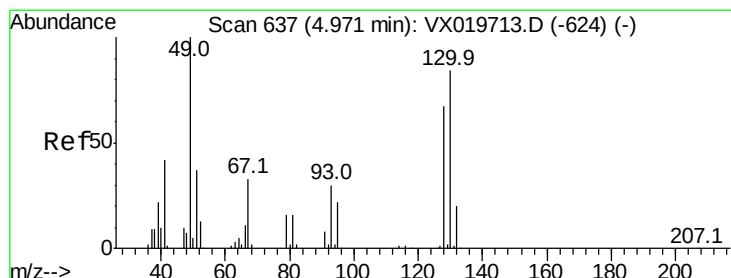
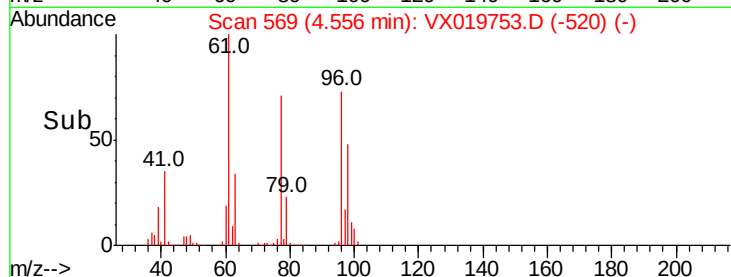
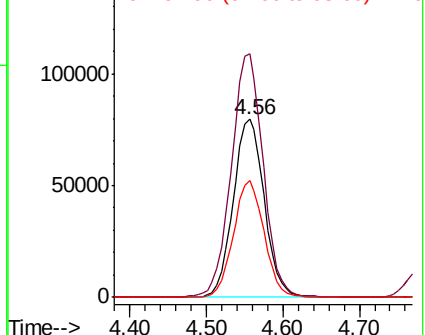


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 46.979 ug/l

RT: 4.97 min Scan# 637

Delta R.T. -0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

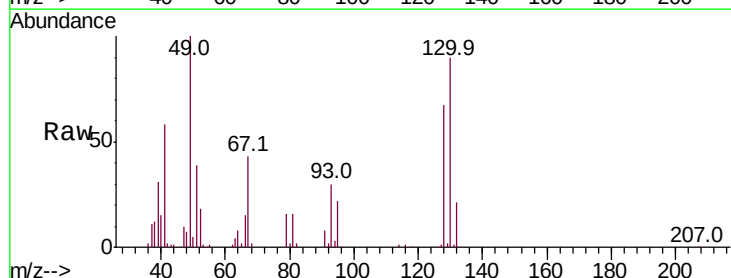
Tgt Ion: 49 Resp: 133476

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.0

130 87.8 68.2 102.2

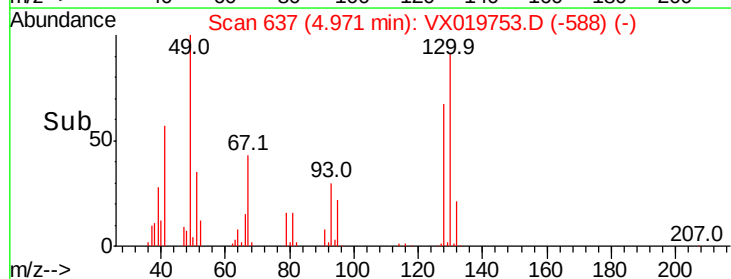
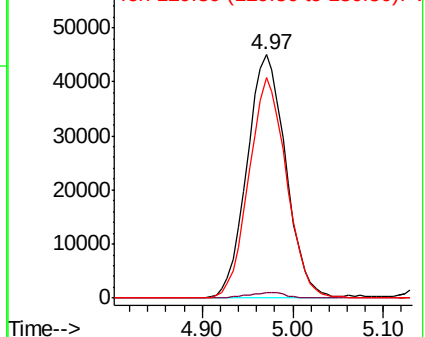


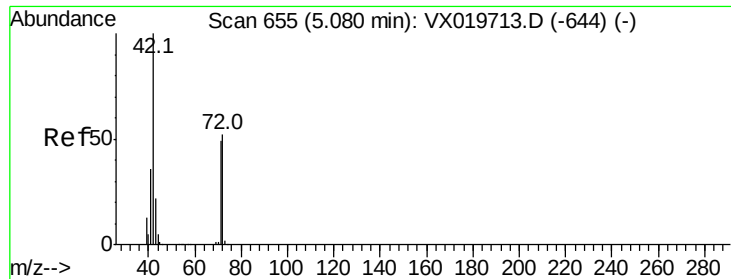
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

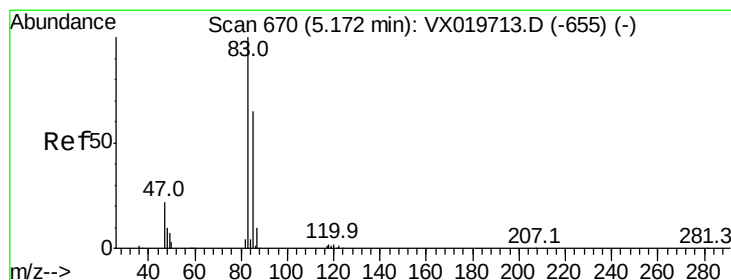
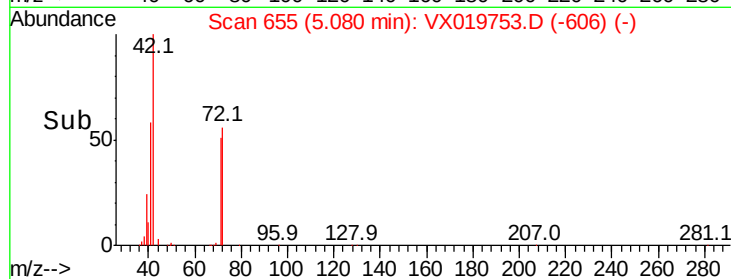
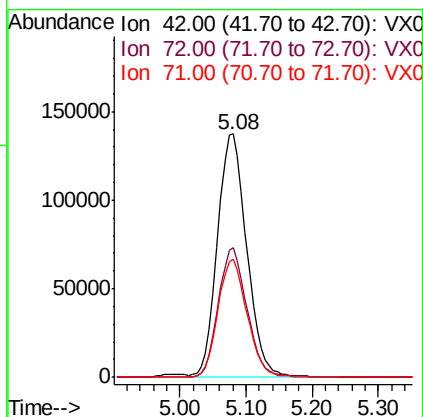
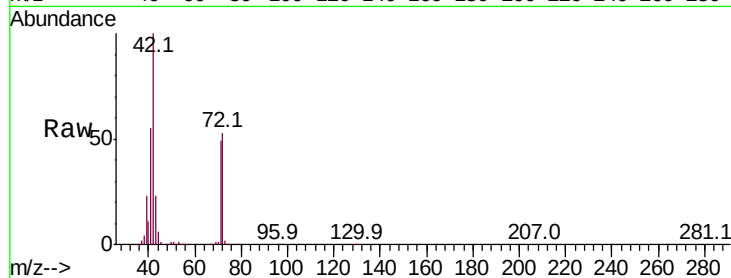




#29
Tetrahydrofuran
Concen: 271.802 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

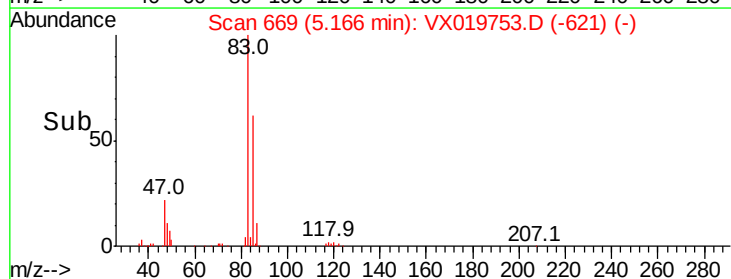
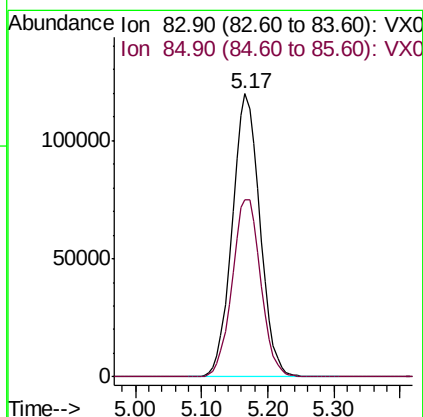
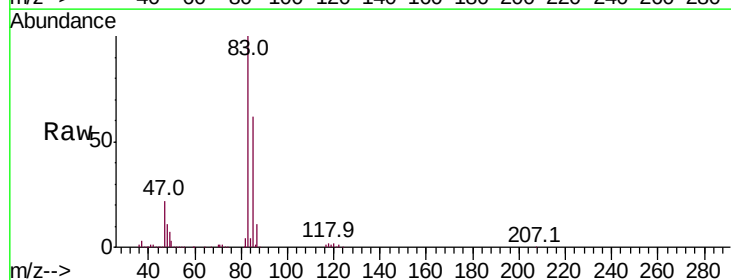
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

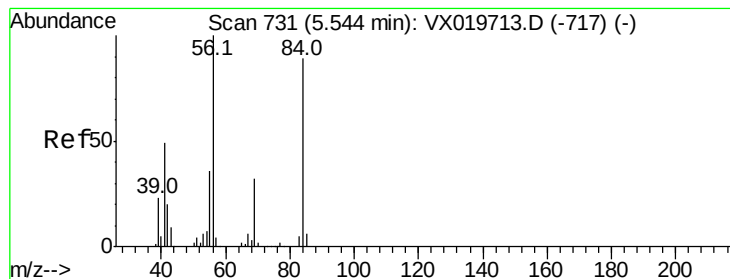
Tot Ion: 42 Resp: 419934
Ion Ratio Lower Upper
42 100
72 52.8 41.7 62.5
71 48.5 38.4 57.6



#30
Chloroform
Concen: 56.861 ug/l
RT: 5.17 min Scan# 669
Delta R.T. -0.01 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Tgt Ion: 83 Resp: 348456
Ion Ratio Lower Upper
83 100
85 62.4 52.0 78.0





#31

Cyclohexane

Concen: 57.129 ug/l

RT: 5.54 min Scan# 730

Delta R.T. -0.01 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

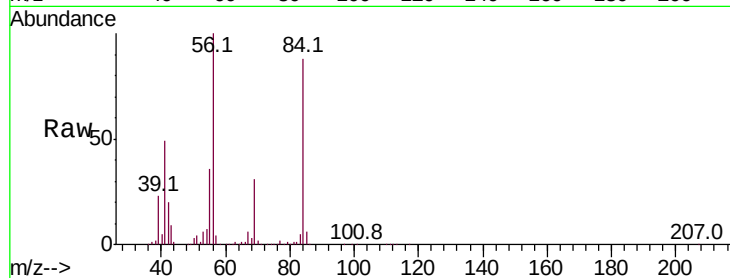
Tot Ion: 56 Resp: 295048

Ion Ratio Lower Upper

56 100

69 30.9 25.3 37.9

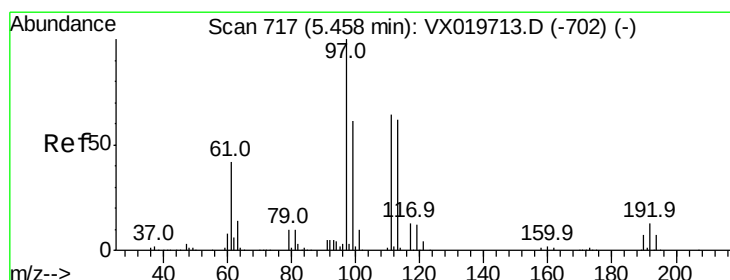
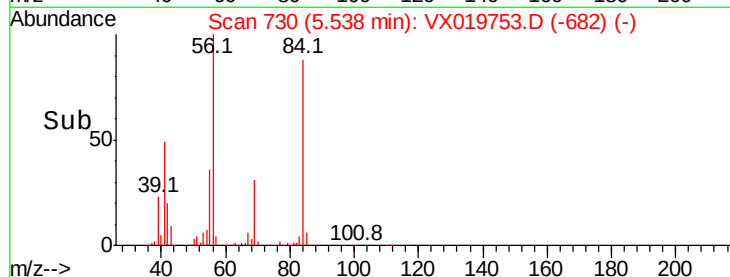
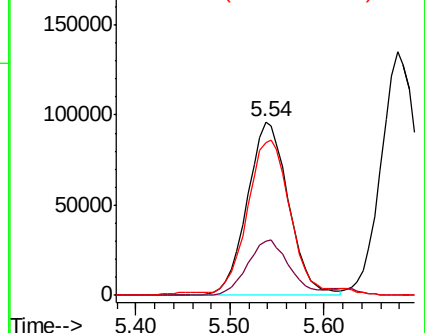
84 86.4 71.4 107.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 57.532 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

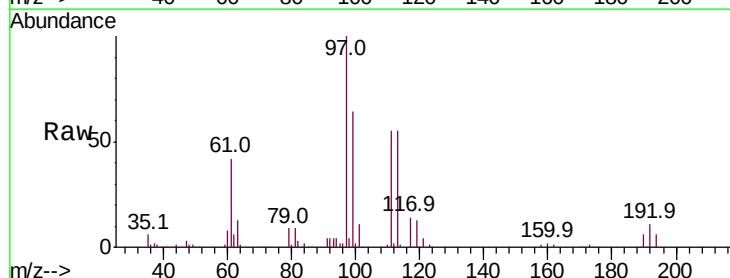
Tgt Ion: 97 Resp: 303621

Ion Ratio Lower Upper

97 100

99 64.5 51.5 77.3

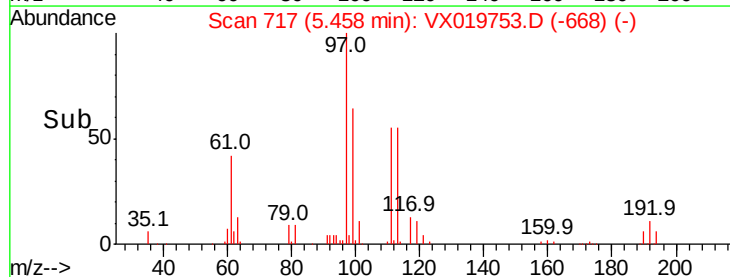
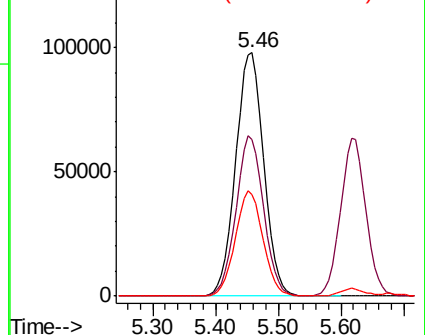
61 42.7 34.2 51.4

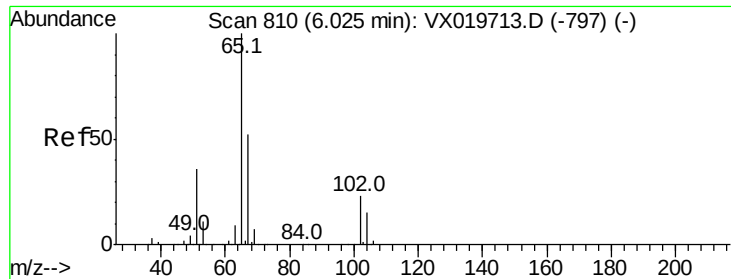


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

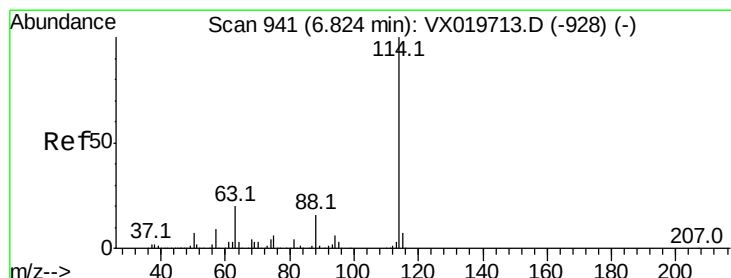
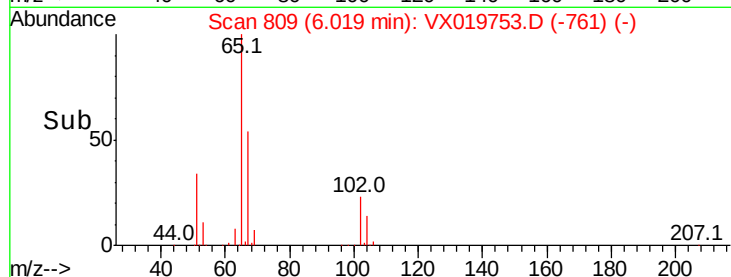
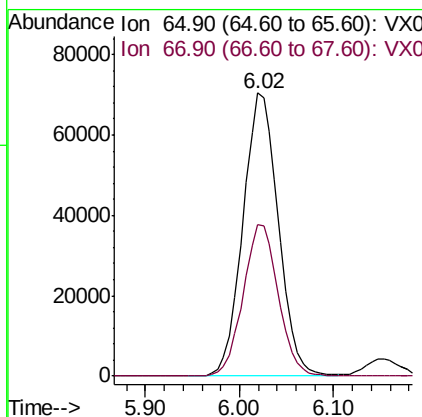
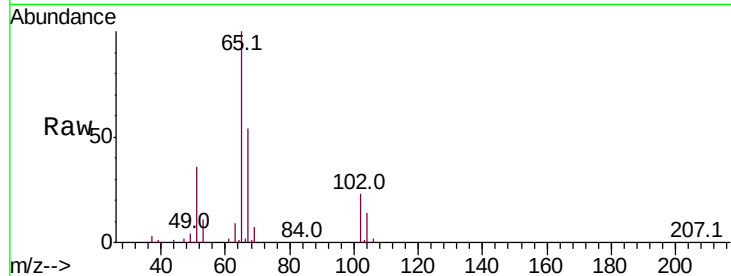




#33
 1,2-Dichloroethane-d4
 Concen: 44.685 ug/l
 RT: 6.02 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: VX019753.D
 Acq: 07 Dec 2020 16:14

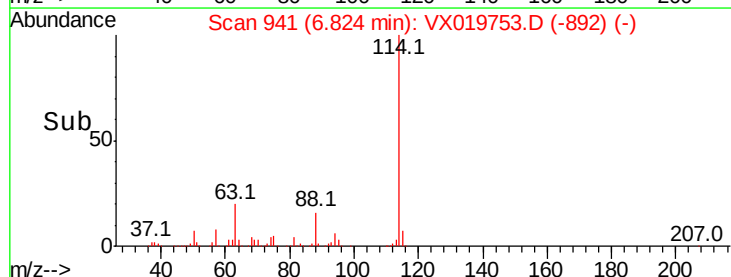
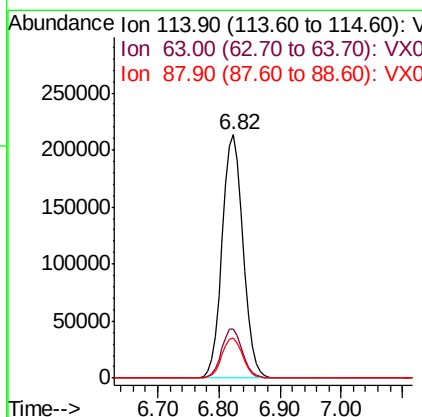
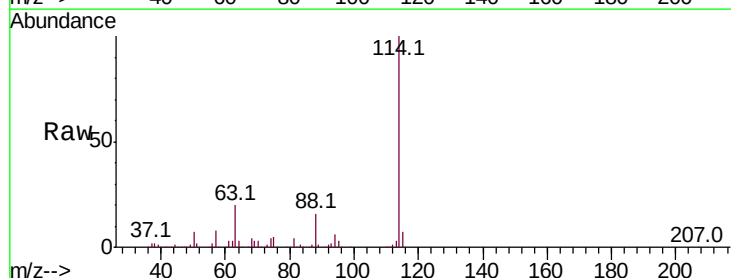
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

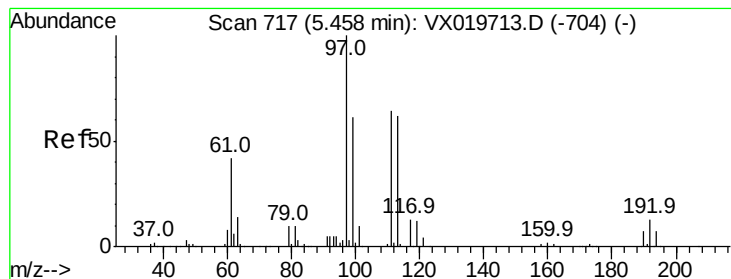
Tot Ion: 65 Resp: 185525
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.00 min
 Lab File: VX019753.D
 Acq: 07 Dec 2020 16:14

Tgt Ion: 114 Resp: 503782
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.8
 88 16.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.101 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

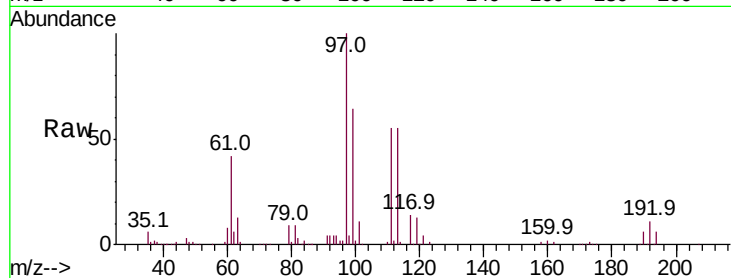
Tot Ion:113 Resp: 153355

Ion Ratio Lower Upper

113 100

111 103.0 81.9 122.9

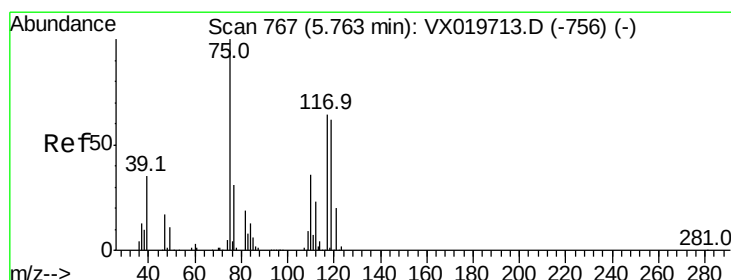
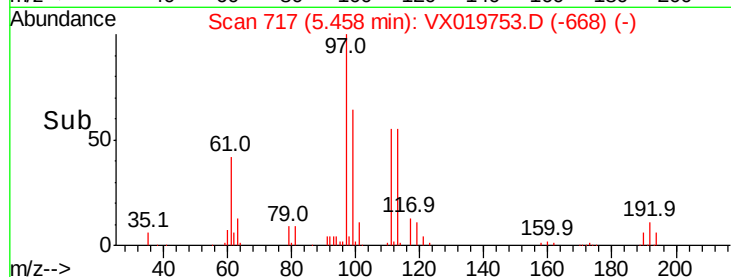
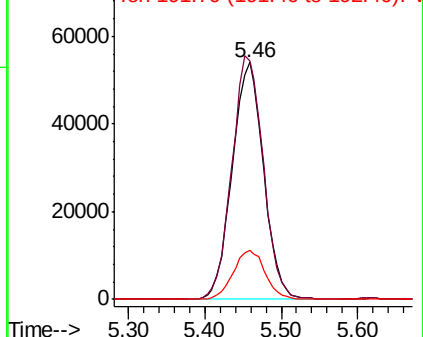
192 21.0 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 57.357 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

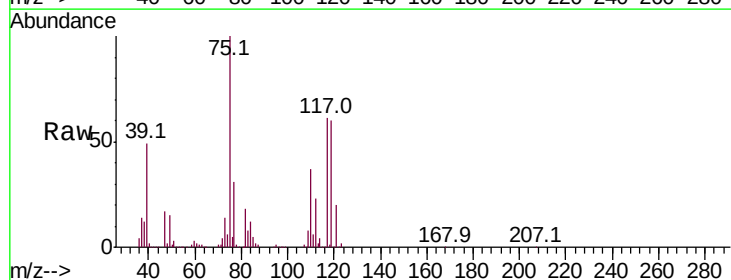
Tgt Ion: 75 Resp: 261109

Ion Ratio Lower Upper

75 100

110 36.9 18.1 54.4

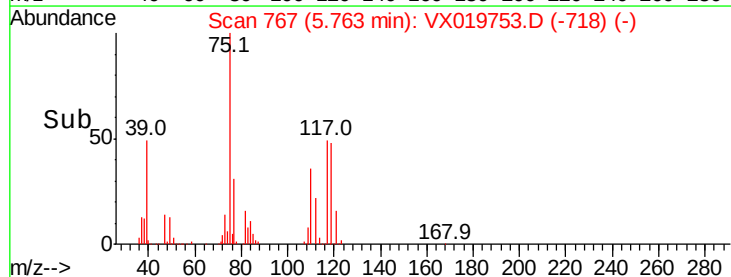
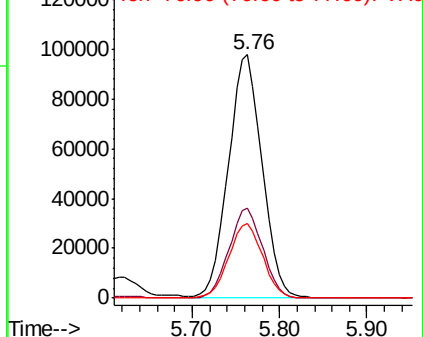
77 31.0 25.3 37.9

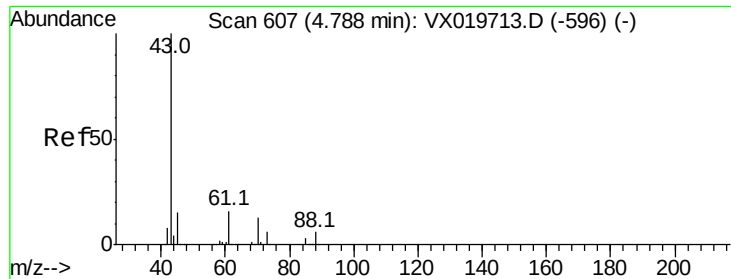


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

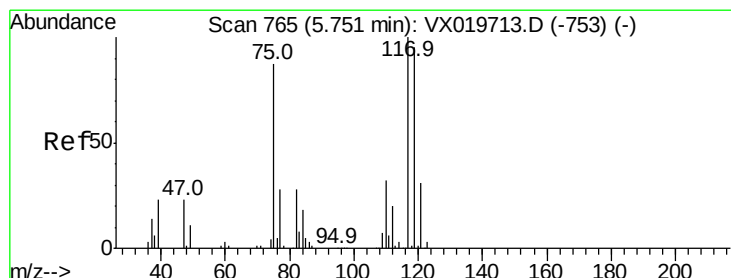
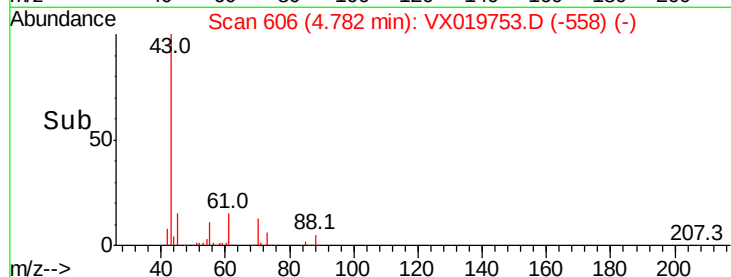
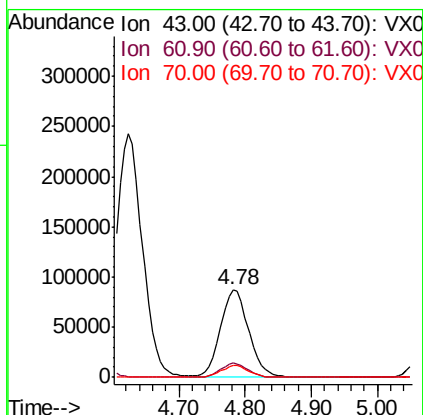
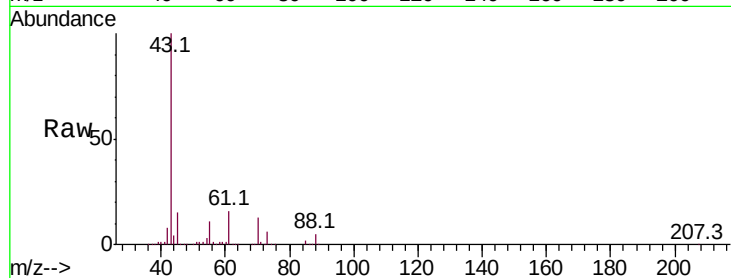




#37
Ethyl Acetate
Concen: 56.275 ug/l
RT: 4.78 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

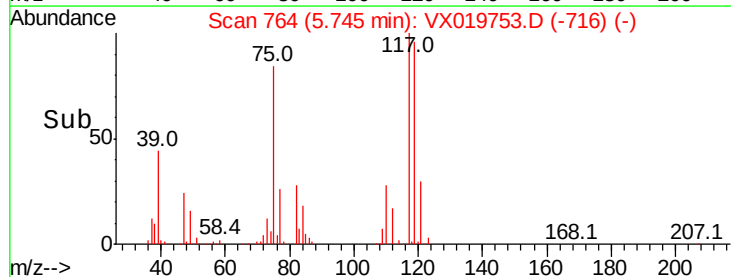
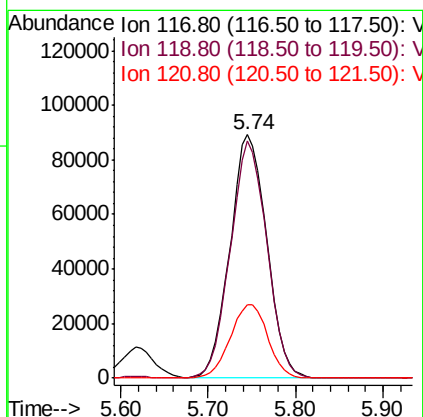
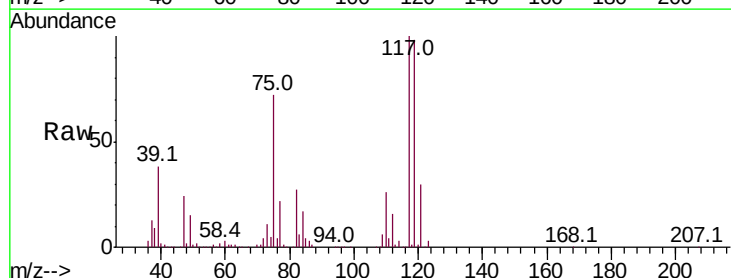
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

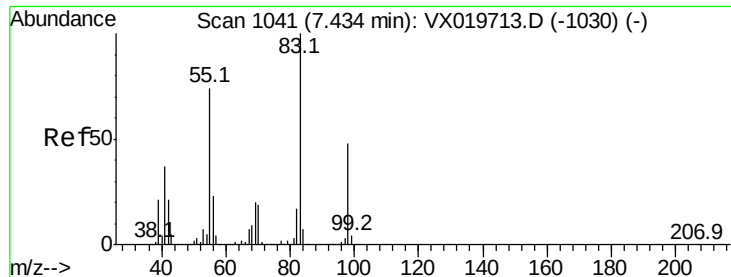
Tot Ion: 43 Resp: 258661
Ion Ratio Lower Upper
43 100
61 15.1 12.8 19.2
70 13.0 10.5 15.7



#38
Carbon Tetrachloride
Concen: 58.469 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Tgt Ion: 117 Resp: 260650
Ion Ratio Lower Upper
117 100
119 97.6 76.2 114.2
121 30.2 24.8 37.2

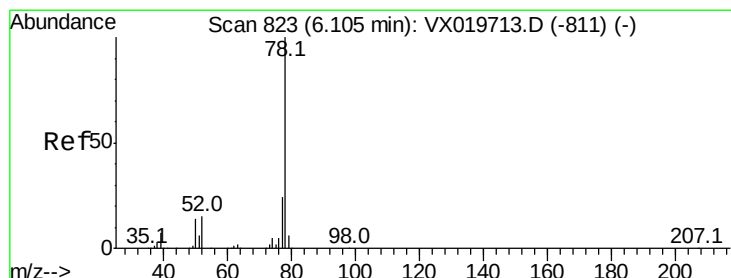
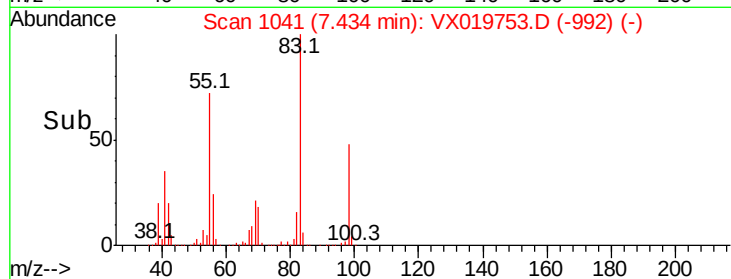
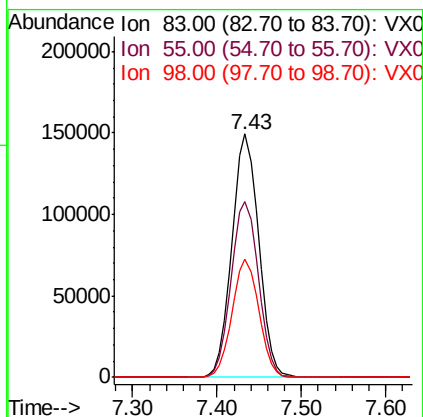
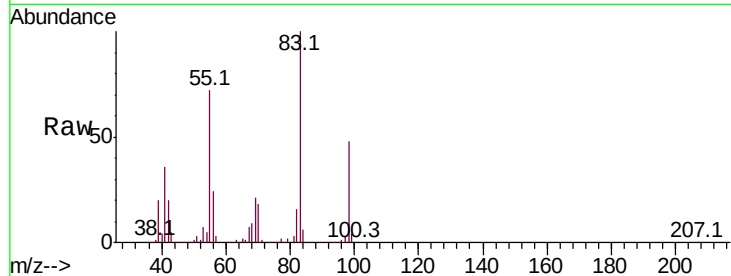




#39
Methylvlcyclohexane
Concen: 59.852 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

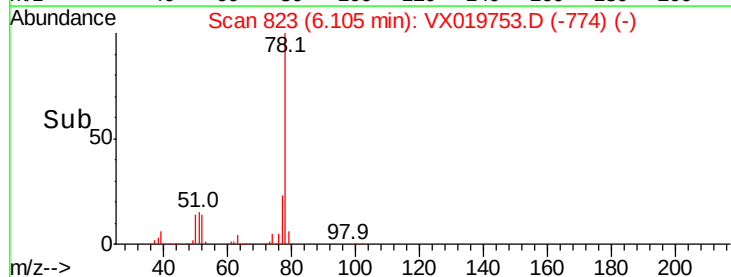
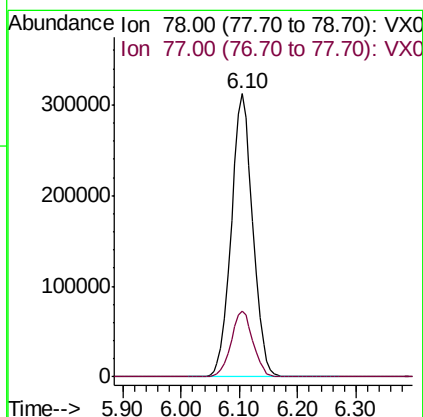
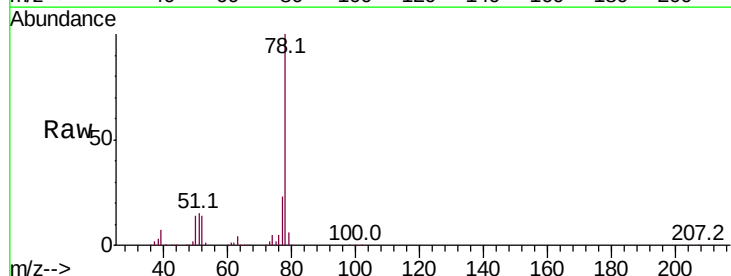
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

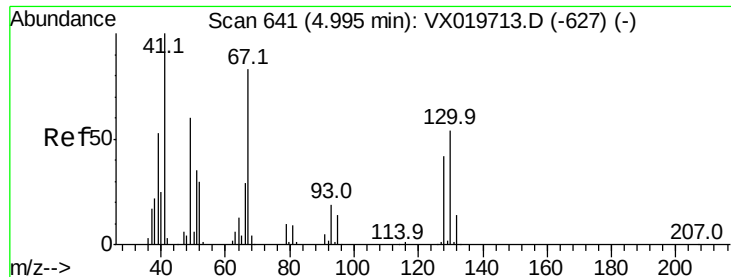
Tot Ion	83	Resp	320116
Ion Ratio	Lower	Upper	
83	100		
55	72.3	58.9	88.3
98	48.4	38.1	57.1



#40
Benzene
Concen: 57.475 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Tgt Ion	78	Resp	799257
Ion Ratio	Lower	Upper	
78	100		
77	23.1	18.9	28.3

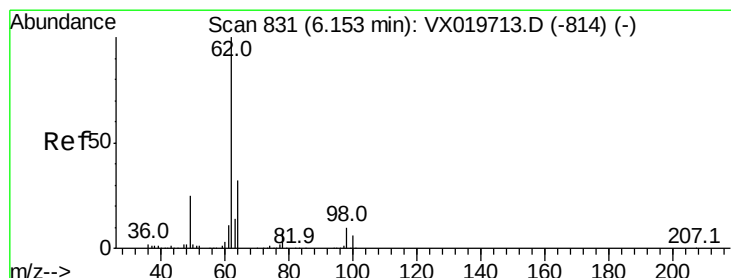
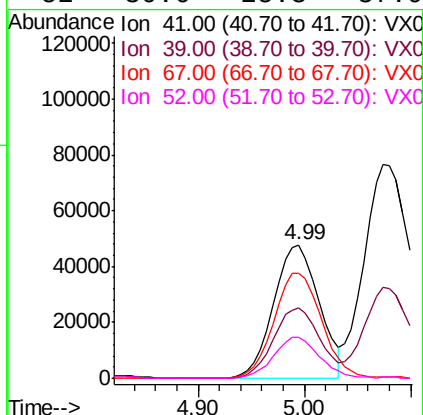
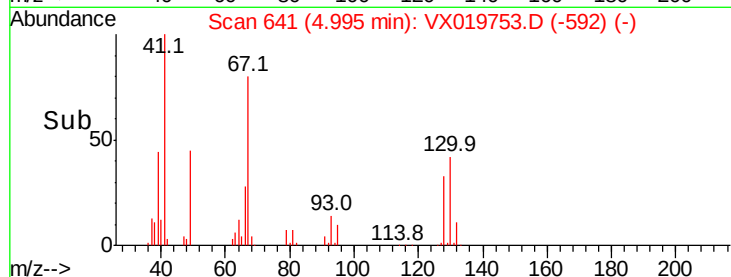
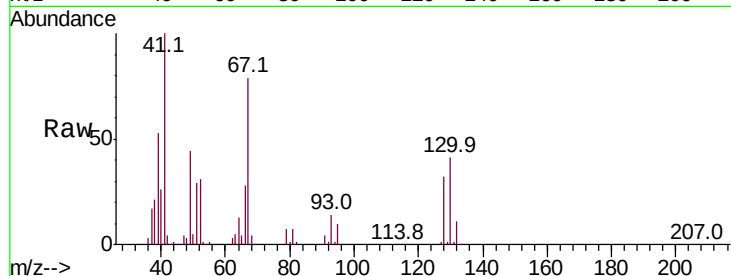




#41
Methacrylonitrile
Concen: 56.123 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

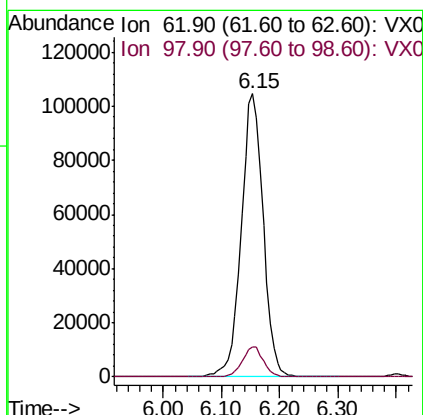
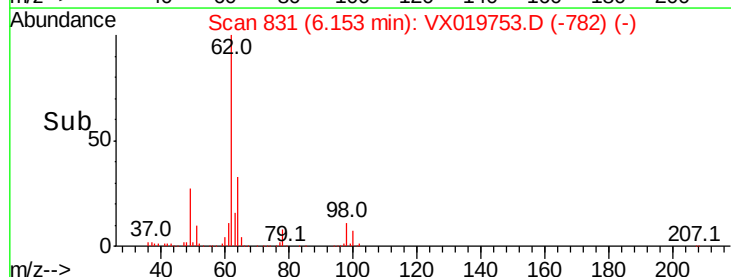
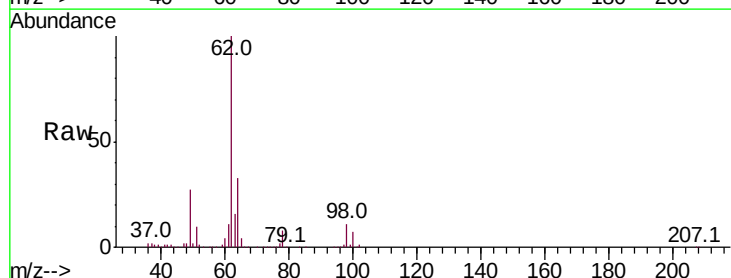
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

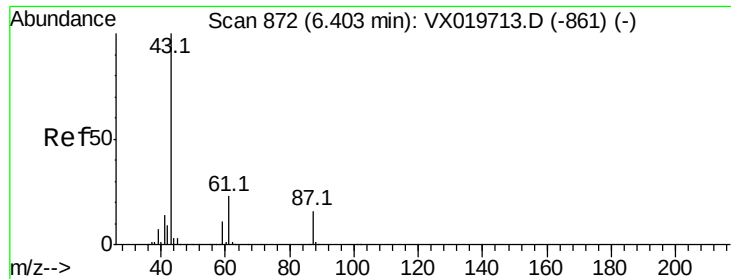
Tot Ion: 41 Resp: 141631
Ion Ratio Lower Upper
41 100
39 53.4 42.5 63.7
67 82.6 65.0 97.6
52 30.6 25.3 37.9



#42
1,2-Dichloroethane
Concen: 57.343 ug/l
RT: 6.15 min Scan# 831
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Tgt Ion: 62 Resp: 272452
Ion Ratio Lower Upper
62 100
98 10.3 0.0 20.2





#43

Isopropyl Acetate

Concen: 56.542 ug/l

RT: 6.40 min Scan# 872

Delta R.T. -0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

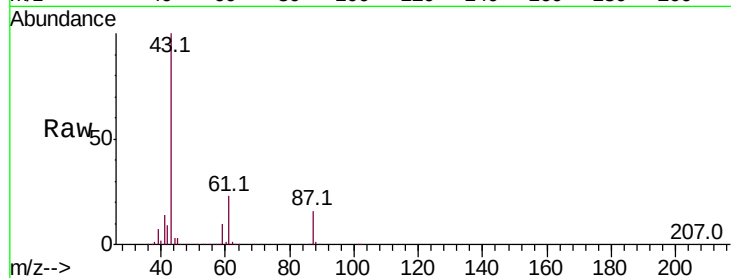
Tot Ion: 43 Resp: 422518

Ion Ratio Lower Upper

43 100

61 23.0 18.2 27.4

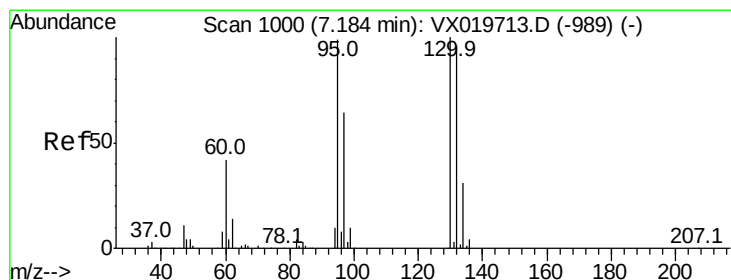
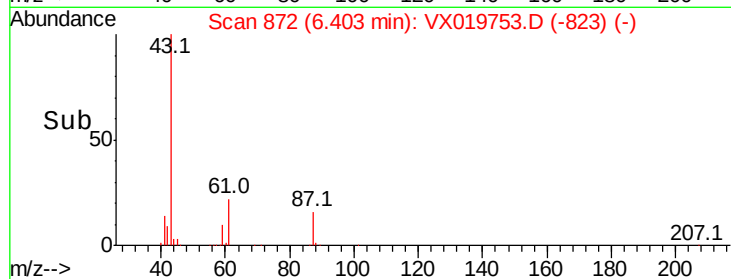
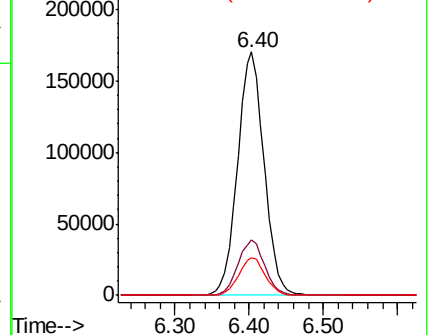
87 15.5 12.5 18.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 57.657 ug/l

RT: 7.18 min Scan# 999

Delta R.T. -0.01 min

Lab File: VX019753.D

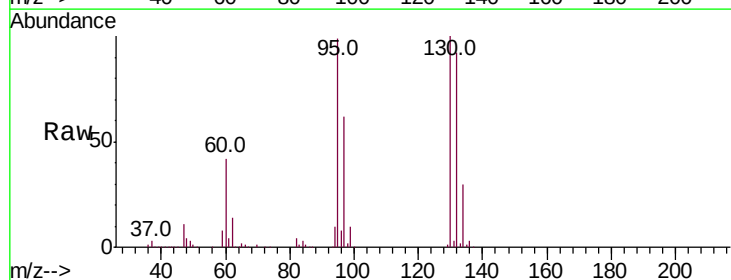
Acq: 07 Dec 2020 16:14

Tgt Ion:130 Resp: 210370

Ion Ratio Lower Upper

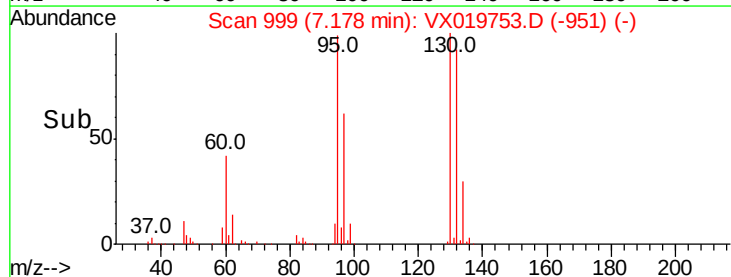
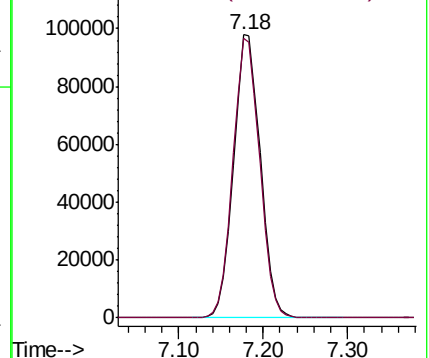
130 100

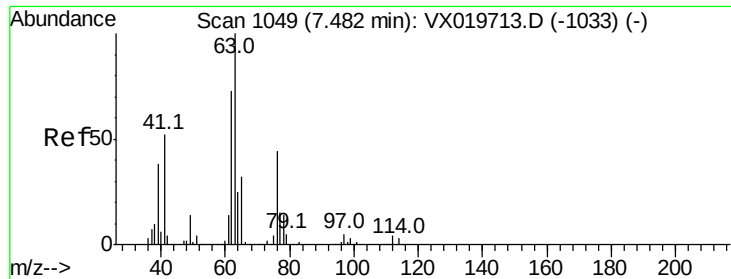
95 98.7 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 57.621 ug/l

RT: 7.48 min Scan# 1049

Delta R.T. -0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

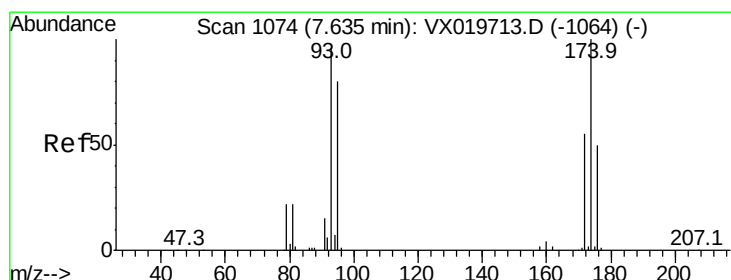
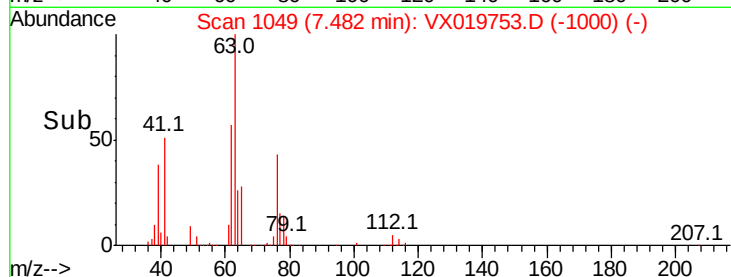
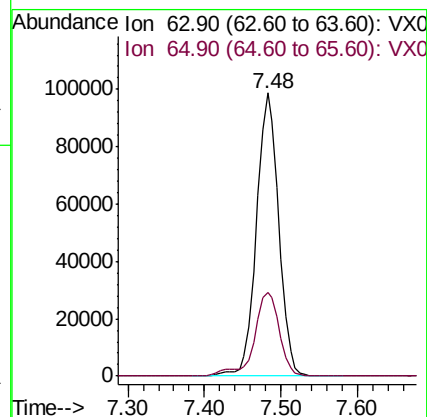
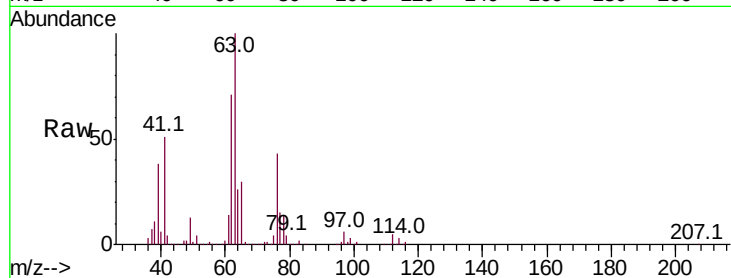
VSTDCCC050EC

Tot Ion: 63 Resp: 200263

Ion Ratio Lower Upper

63 100

65 29.6 25.7 38.5



#46

Dibromomethane

Concen: 57.473 ug/l

RT: 7.63 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

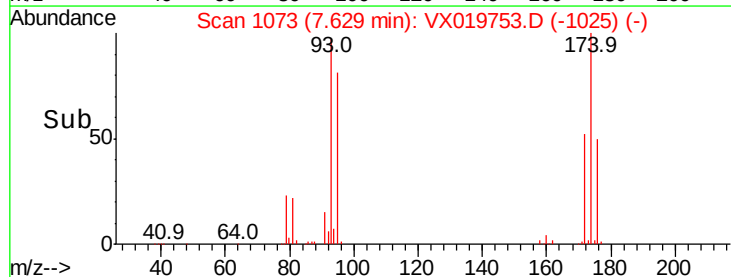
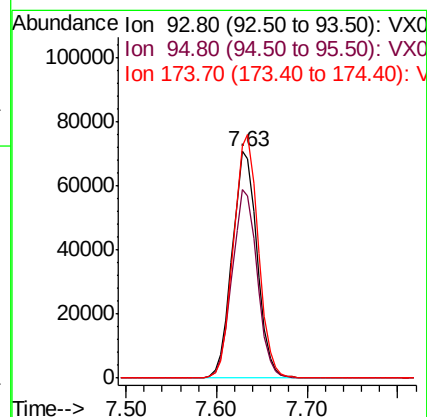
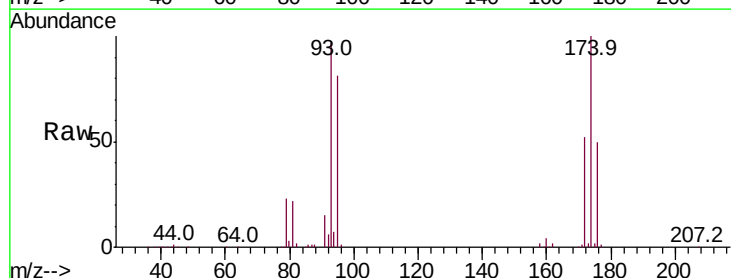
Tgt Ion: 93 Resp: 134893

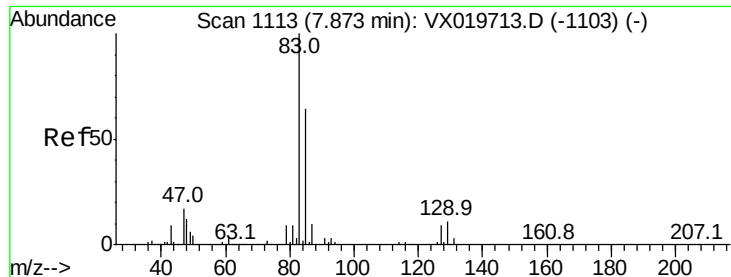
Ion Ratio Lower Upper

93 100

95 83.6 66.8 100.2

174 106.8 83.1 124.7





#47

Bromodichloromethane

Concen: 59.367 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

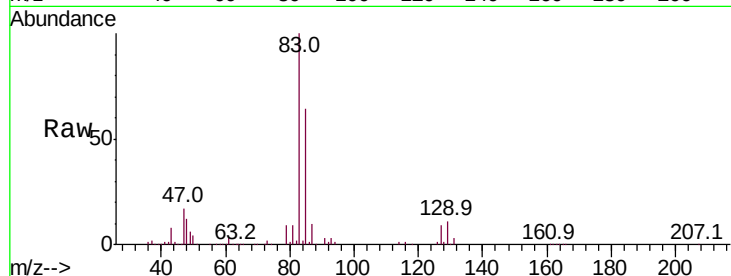
Tot Ion: 83 Resp: 276489

Ion Ratio Lower Upper

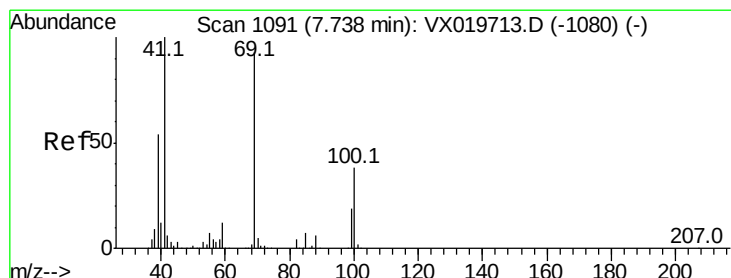
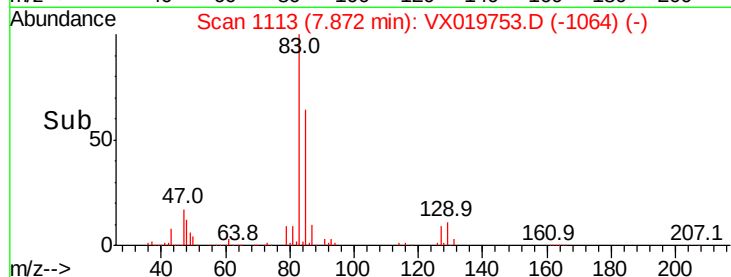
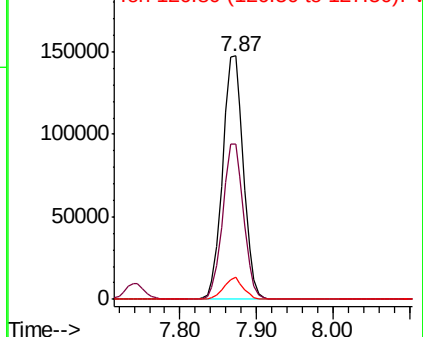
83 100

85 63.7 51.4 77.0

127 8.9 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 57.564 ug/l

RT: 7.74 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

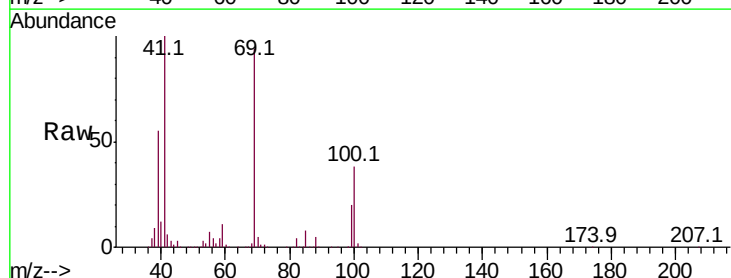
Tgt Ion: 41 Resp: 211557

Ion Ratio Lower Upper

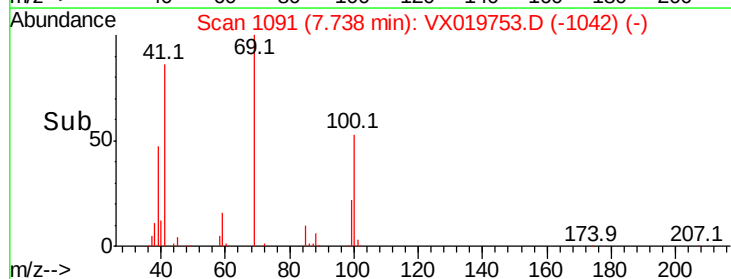
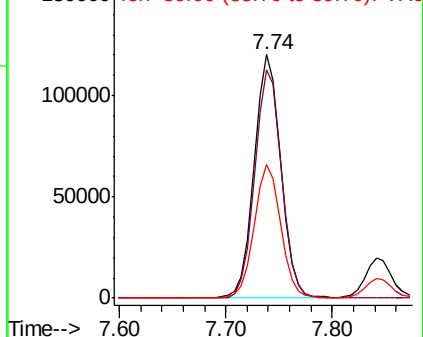
41 100

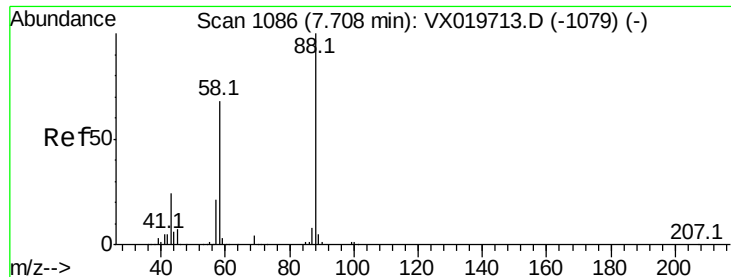
69 94.7 76.0 114.0

39 54.8 44.6 67.0



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

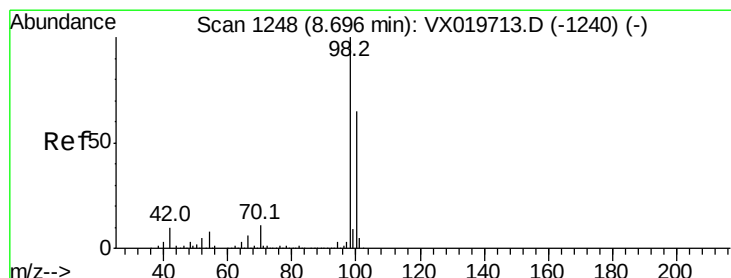
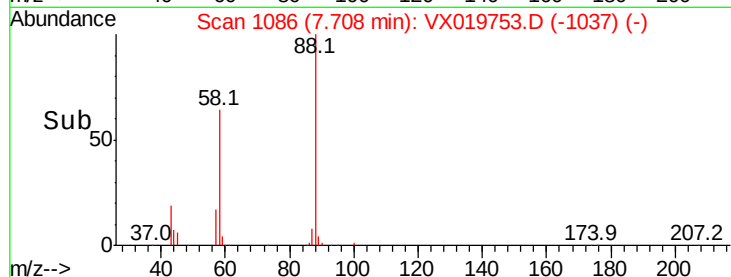
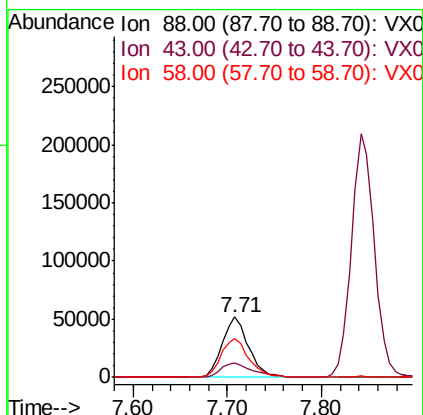
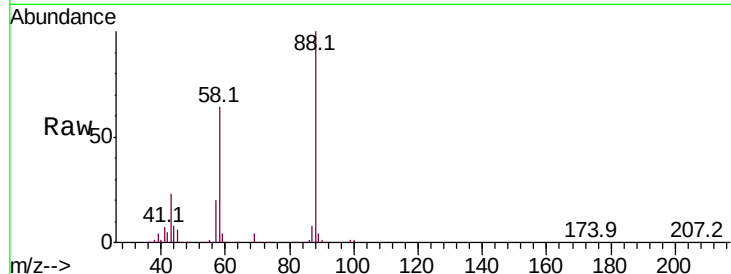




#49
 1,4-Dioxane
 Concen: 1121.187 ug/l
 RT: 7.71 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX019753.D
 Acq: 07 Dec 2020 16:14

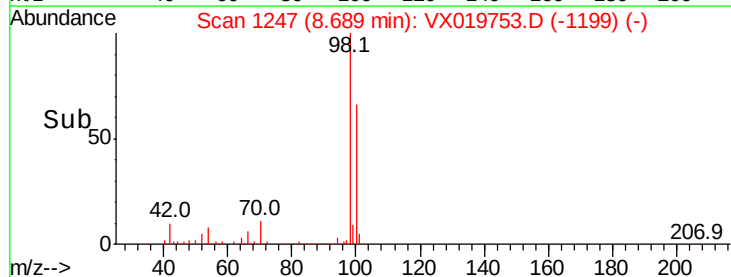
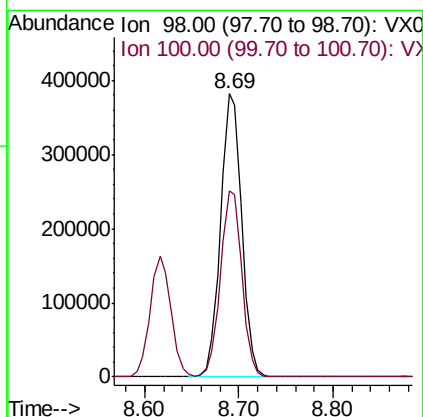
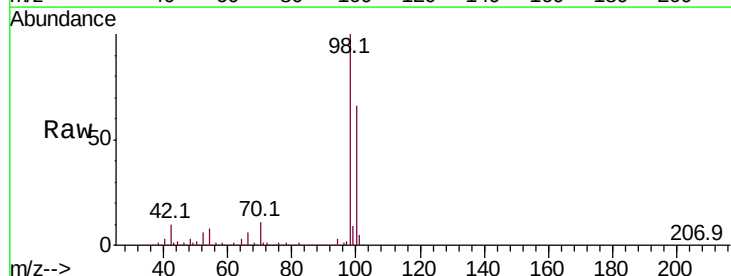
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

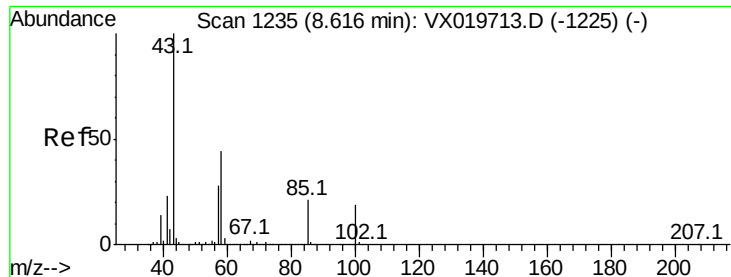
Tot Ion	88	Resp	99819
Ion	Ratio	Lower	Upper
88	100		
43	28.9	23.2	34.8
58	68.8	55.0	82.4



#50
 Toluene-d8
 Concen: 47.679 ug/l
 RT: 8.69 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: VX019753.D
 Acq: 07 Dec 2020 16:14

Tgt Ion	98	Resp	592655
Ion	Ratio	Lower	Upper
98	100		
100	66.7	51.9	77.9

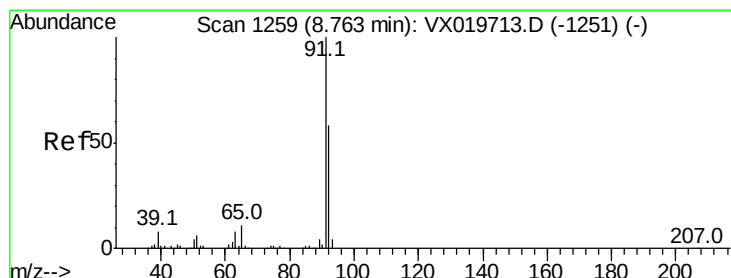
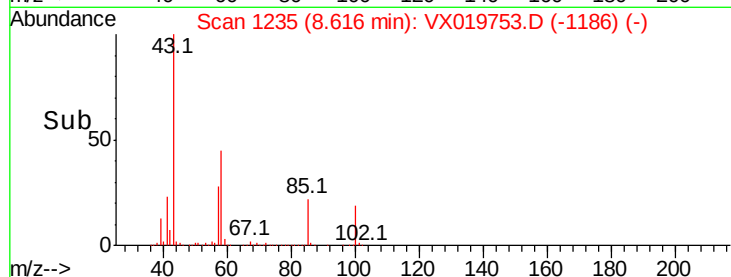
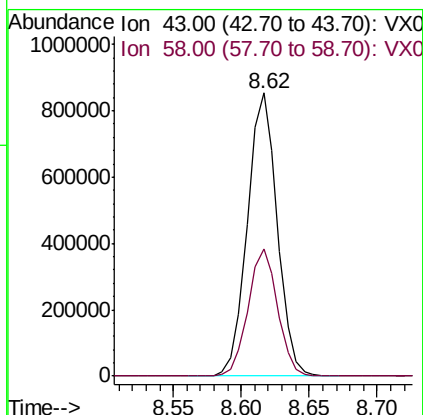
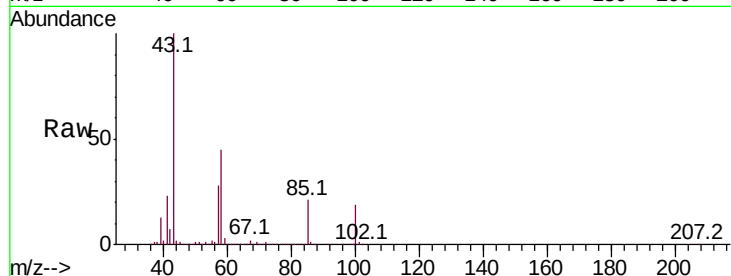




#51
4-Methyl-2-Pentanone
Concen: 287.651 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

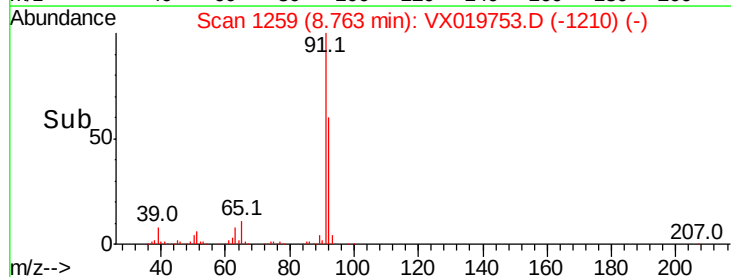
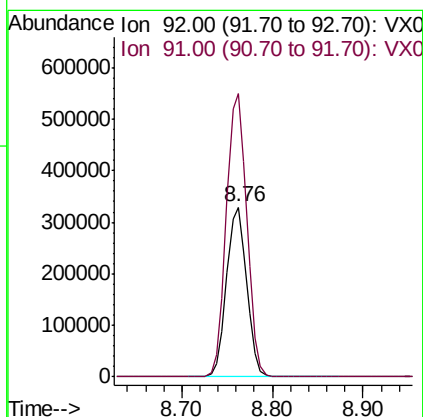
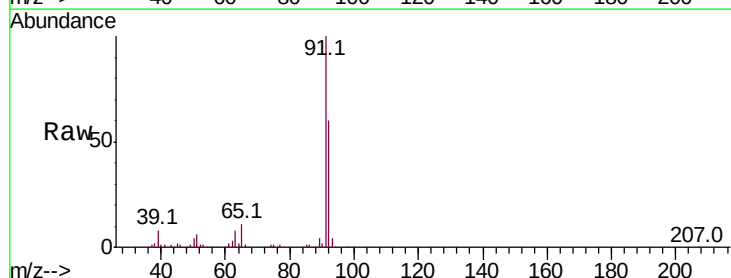
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

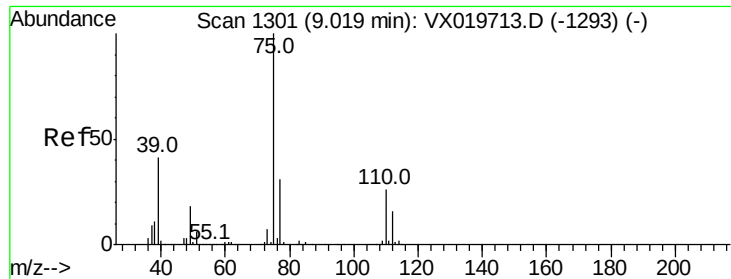
Tot Ion: 43 Resp: 1312363
Ion Ratio Lower Upper
43 100
58 44.6 35.4 53.0



#52
Toluene
Concen: 58.400 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Tgt Ion: 92 Resp: 507930
Ion Ratio Lower Upper
92 100
91 170.1 137.1 205.7

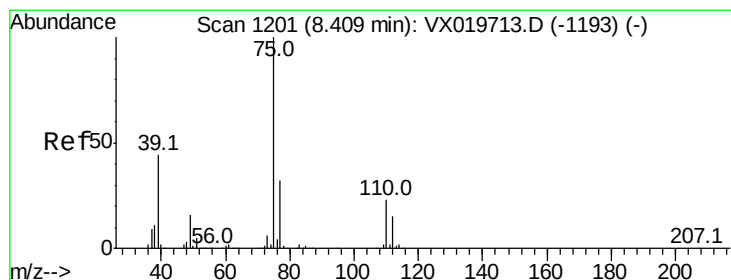
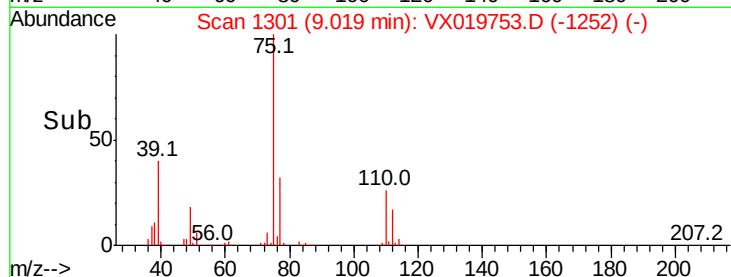
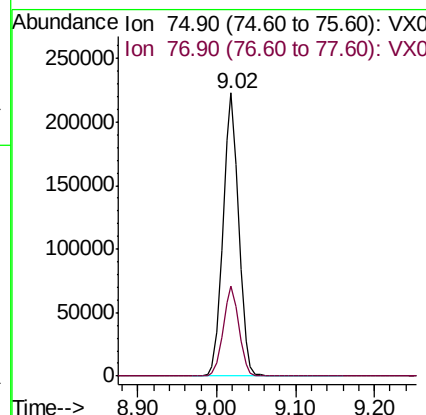
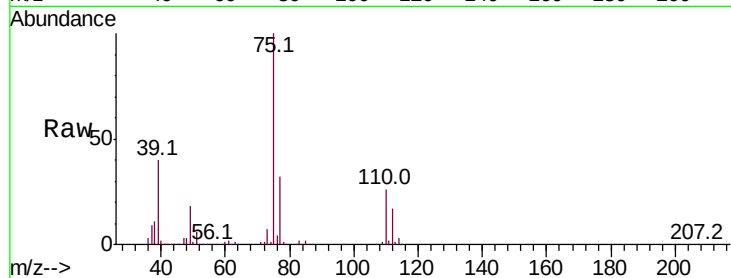




#53
t-1,3-Dichloropropene
Concen: 59.822 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

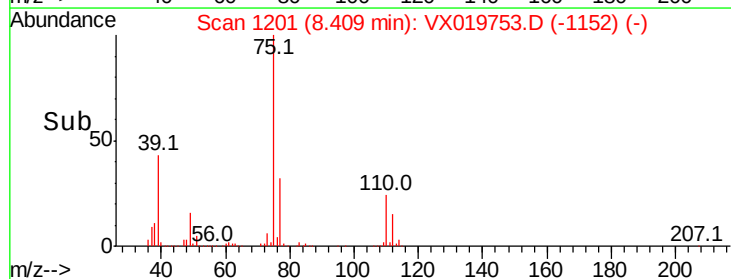
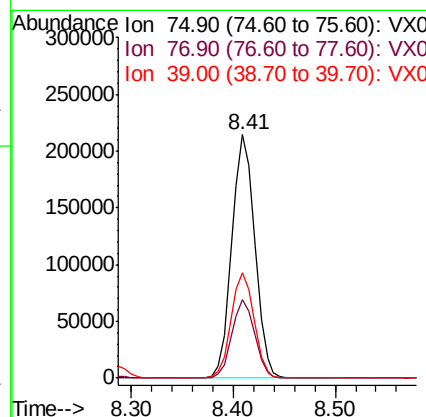
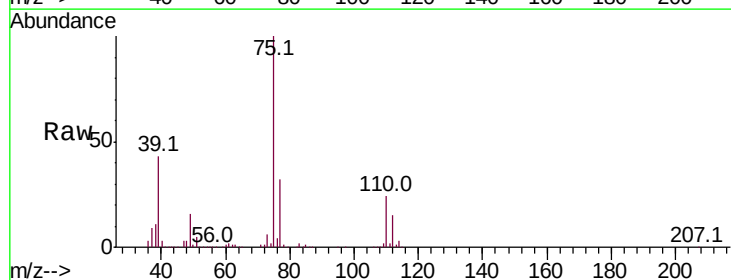
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

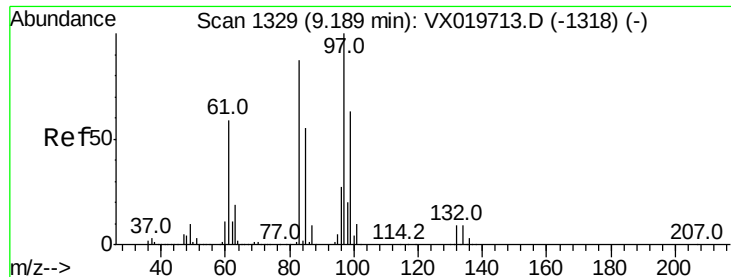
Tot Ion: 75 Resp: 309171
Ion Ratio Lower Upper
75 100
77 31.8 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 59.442 ug/l
RT: 8.41 min Scan# 1201
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Tgt Ion: 75 Resp: 333752
Ion Ratio Lower Upper
75 100
77 32.2 25.7 38.5
39 43.0 35.1 52.7

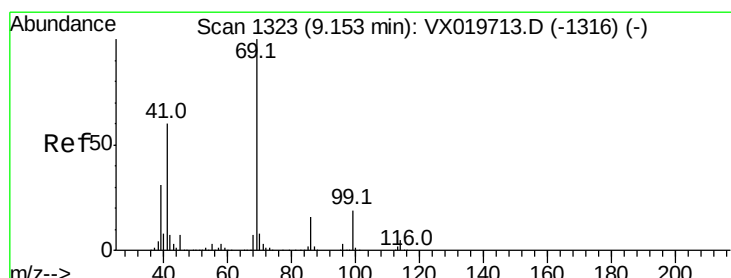
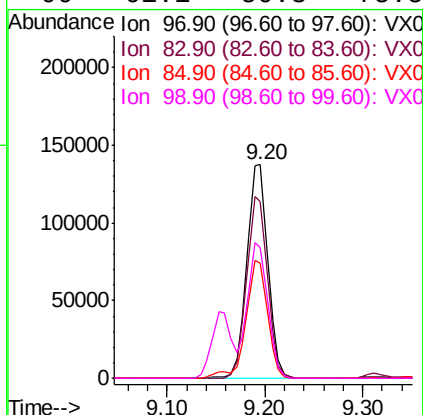
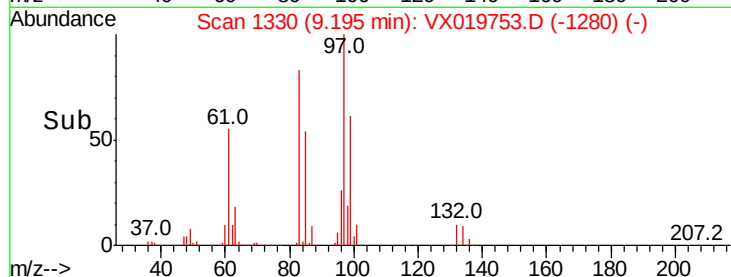
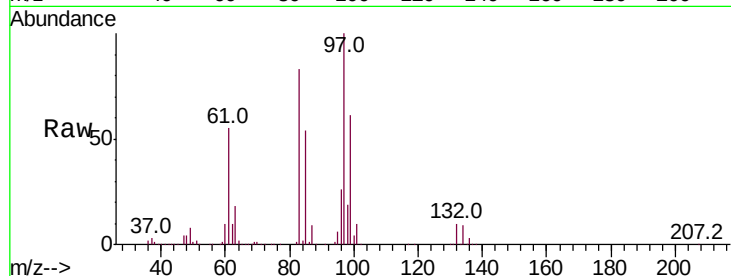




#55
 1,1,2-Trichloroethane
 Concen: 58.527 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX019753.D
 Acq: 07 Dec 2020 16:14

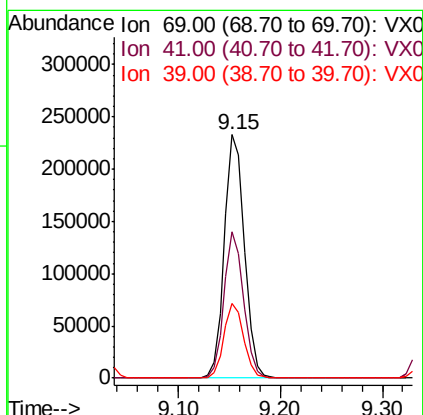
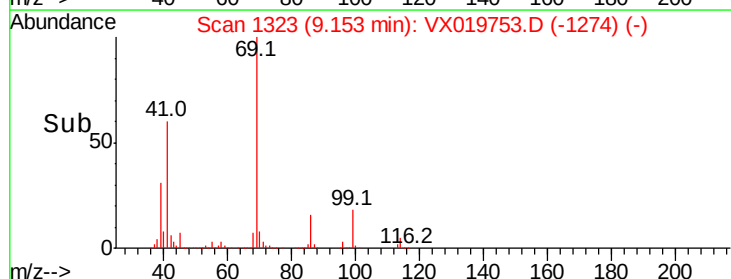
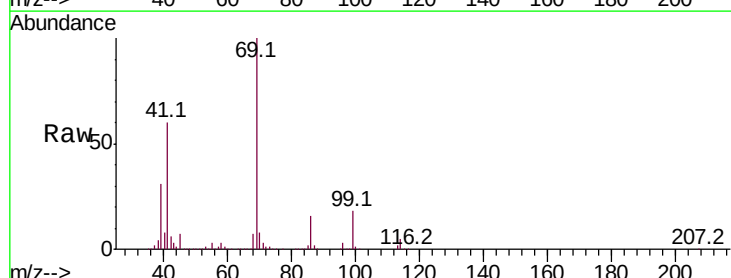
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

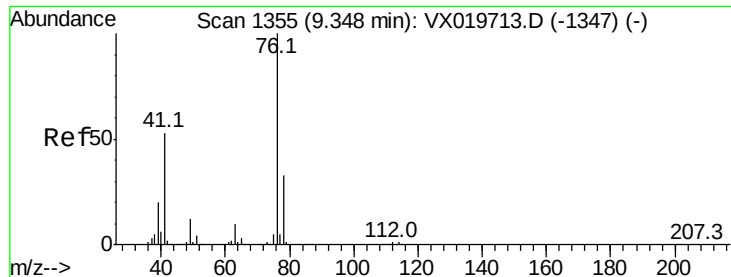
Tot Ion:	97	Resp:	205134
Ion	Ratio	Lower	Upper
97	100		
83	82.8	69.3	103.9
85	54.0	44.3	66.5
99	61.1	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 59.886 ug/l
 RT: 9.15 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX019753.D
 Acq: 07 Dec 2020 16:14

Tgt Ion:	69	Resp:	317566
Ion	Ratio	Lower	Upper
69	100		
41	58.4	46.8	70.2
39	30.4	24.7	37.1





#57

1,3-Dichloropropane

Concen: 57.600 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

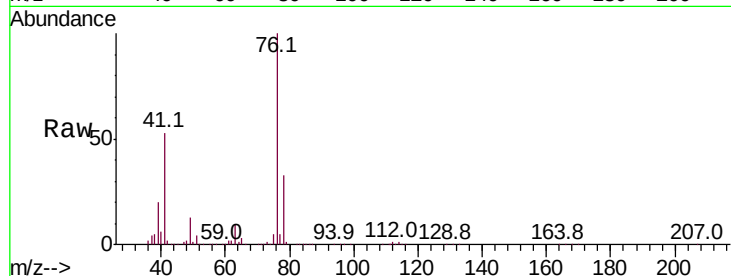
VSTDCCC050EC

Tot Ion: 76 Resp: 344723

Ion Ratio Lower Upper

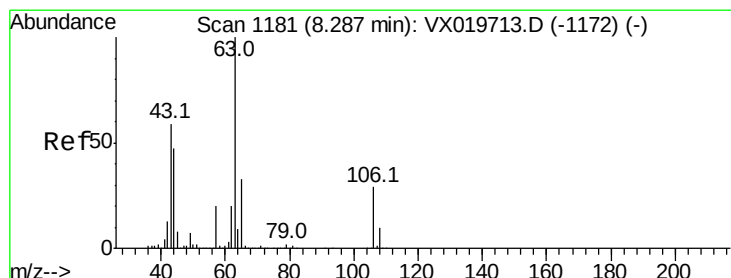
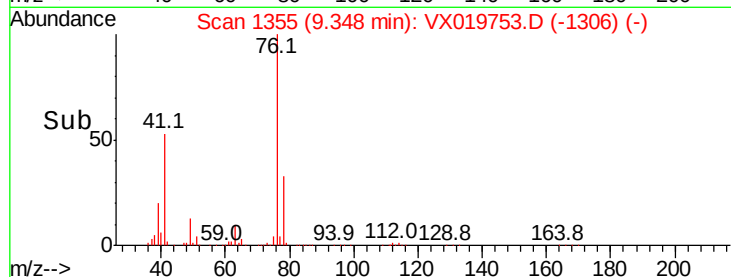
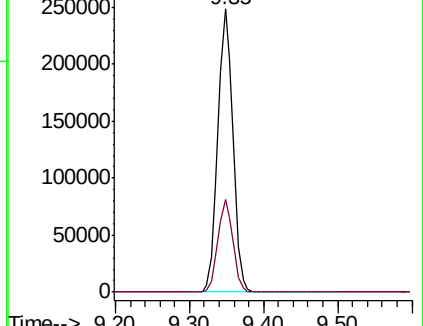
76 100

78 32.4 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 315.480 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX019753.D

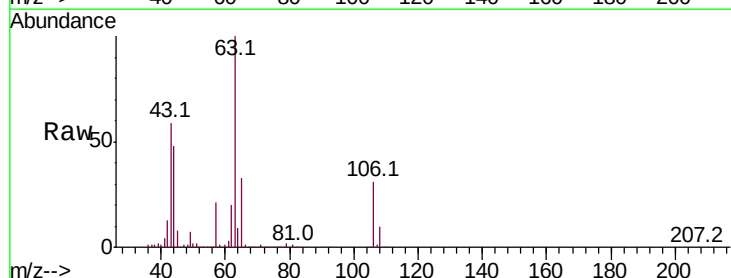
Acq: 07 Dec 2020 16:14

Tgt Ion: 63 Resp: 886258

Ion Ratio Lower Upper

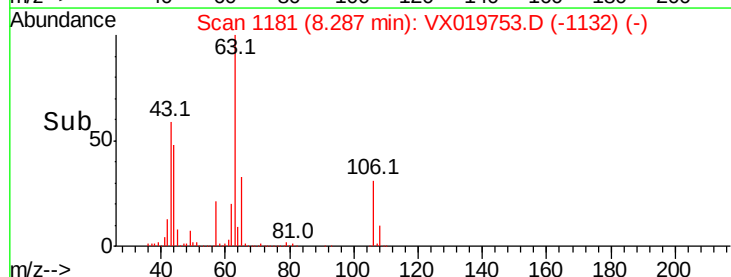
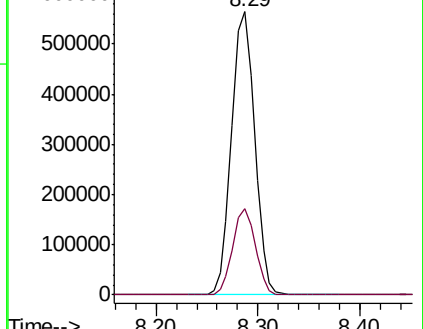
63 100

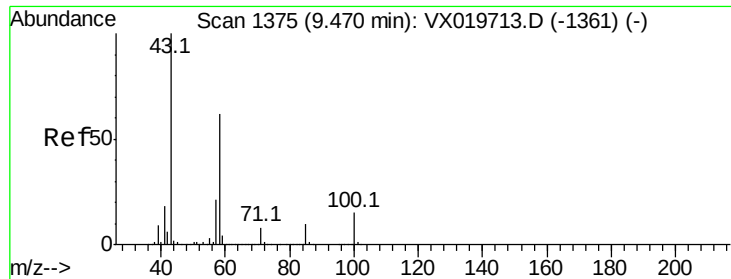
106 30.1 23.5 35.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

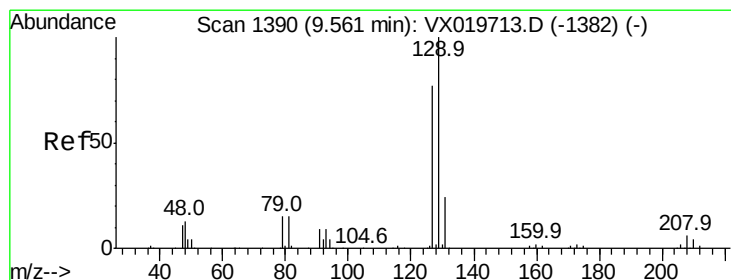
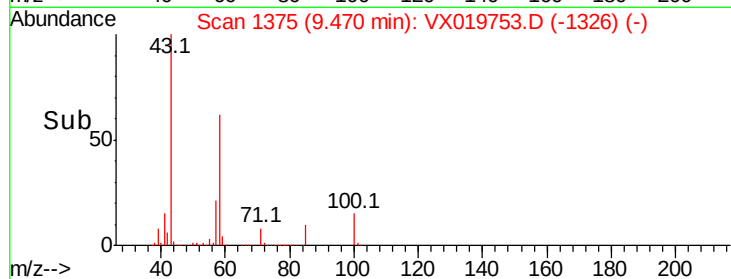
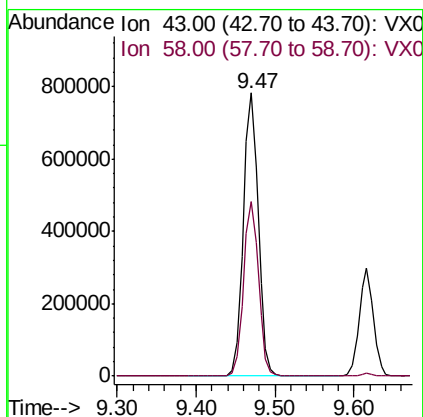
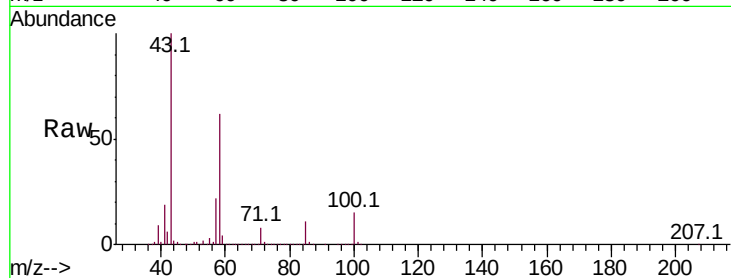




#59
2-Hexanone
Concen: 292.395 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

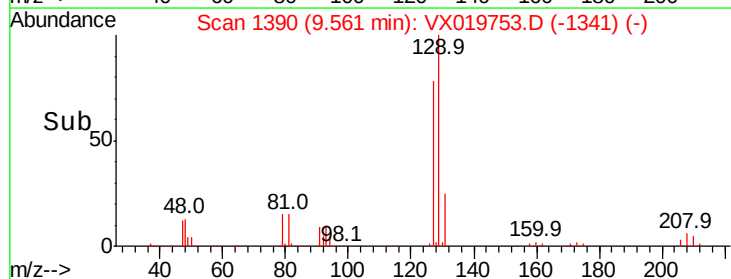
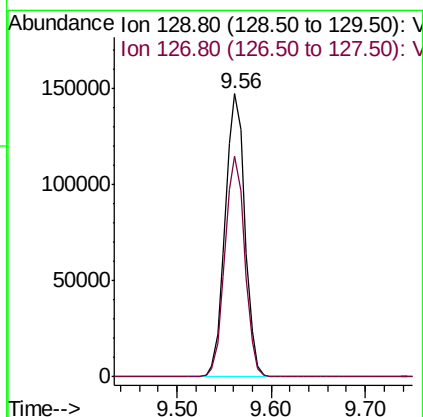
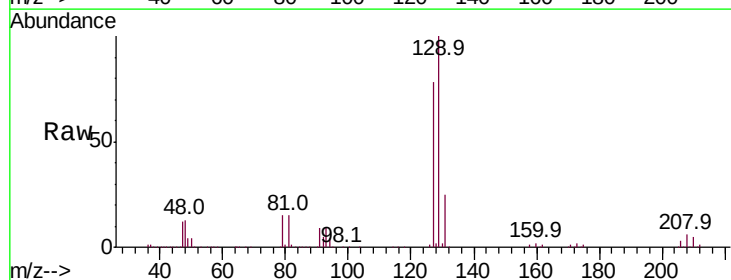
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

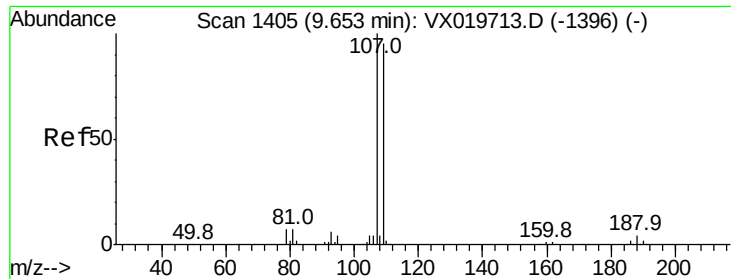
Tot Ion: 43 Resp: 1034031
Ion Ratio Lower Upper
43 100
58 61.6 30.9 92.8



#60
Dibromochloromethane
Concen: 60.140 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Tgt Ion: 129 Resp: 214157
Ion Ratio Lower Upper
129 100
127 78.4 38.4 115.2

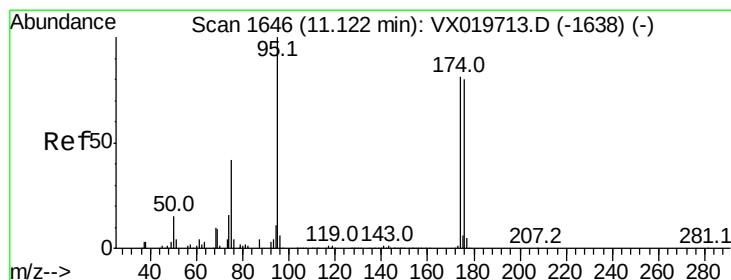
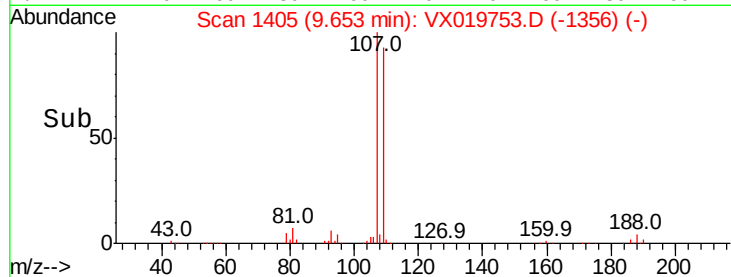
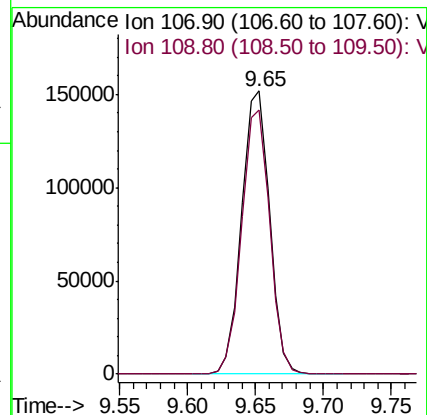
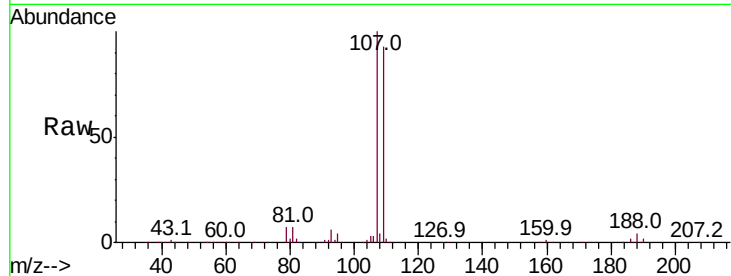




#61
 1,2-Dibromoethane
 Concen: 58.658 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX019753.D
 Acq: 07 Dec 2020 16:14

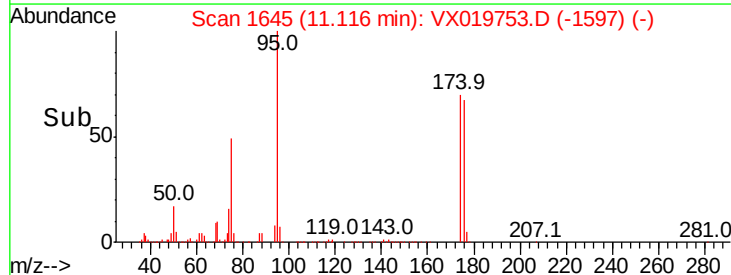
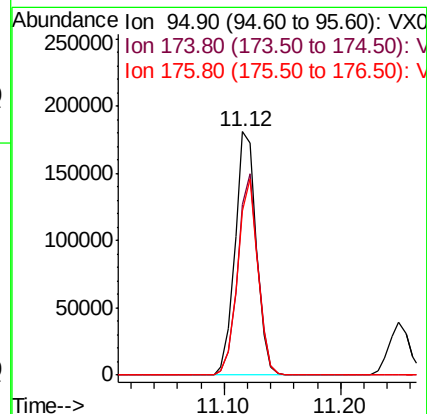
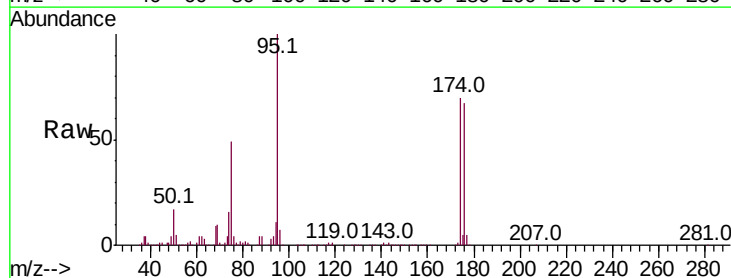
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

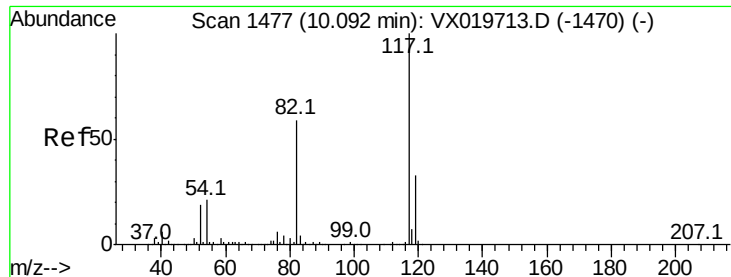
Tot Ion:107 Resp: 218315
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 48.726 ug/l
 RT: 11.12 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: VX019753.D
 Acq: 07 Dec 2020 16:14

Tgt Ion: 95 Resp: 230526
 Ion Ratio Lower Upper
 95 100
 174 78.5 0.0 154.6
 176 76.6 0.0 155.8

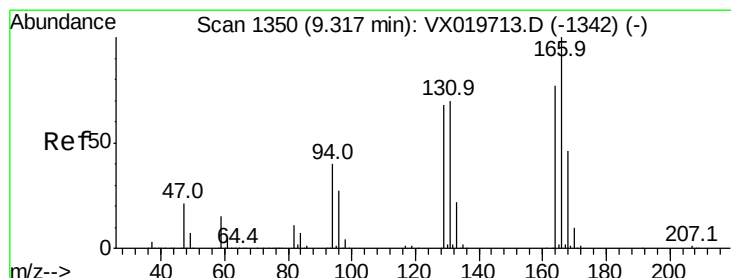
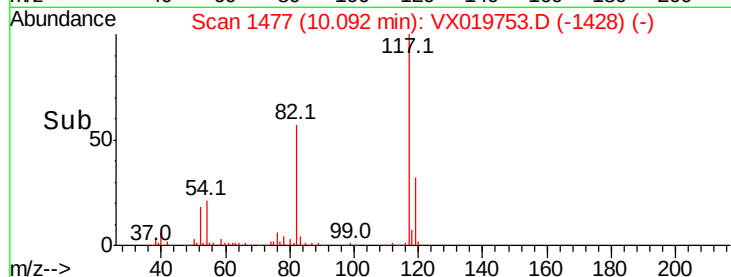
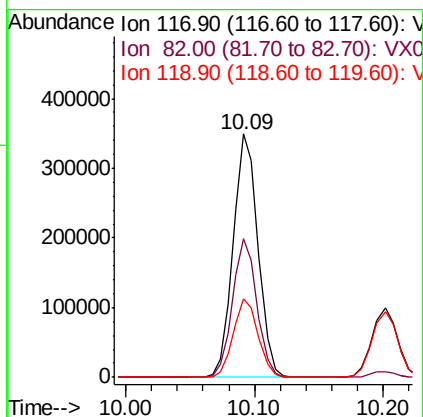
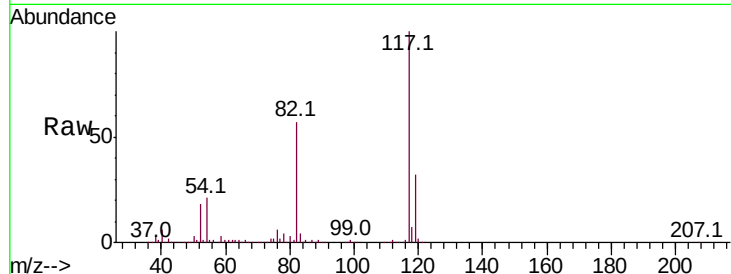




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

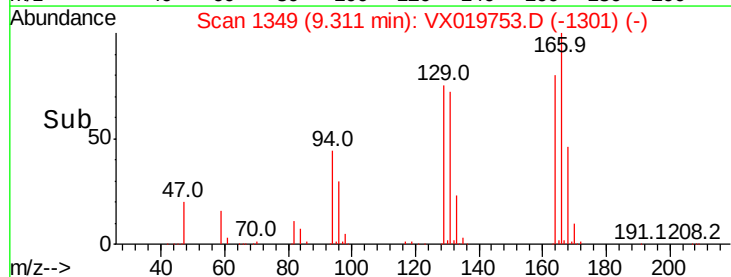
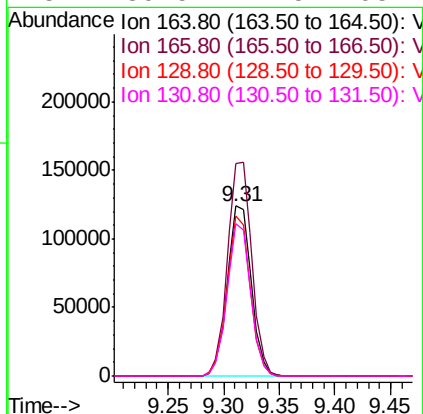
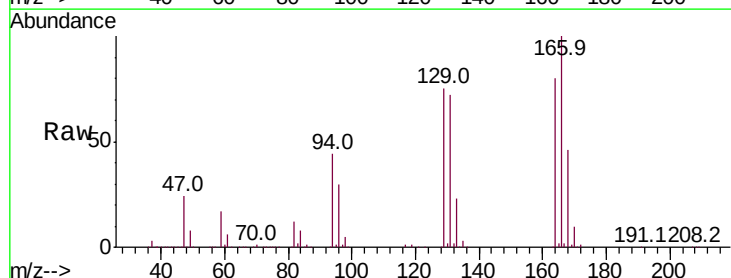
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

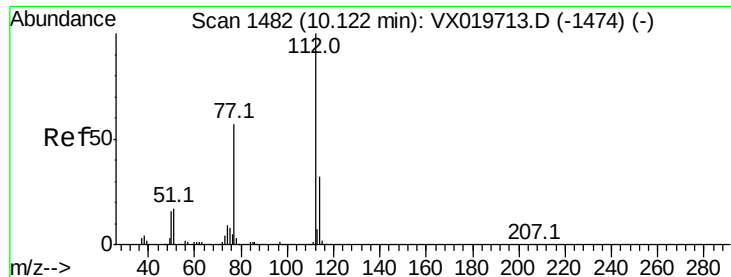
Tot Ion:117 Resp: 469178
Ion Ratio Lower Upper
117 100
82 56.9 47.4 71.2
119 32.0 26.6 39.8



#64
Tetrachloroethene
Concen: 58.434 ug/l
RT: 9.31 min Scan# 1349
Delta R.T. -0.01 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Tgt Ion:164 Resp: 183858
Ion Ratio Lower Upper
164 100
166 125.1 103.4 155.2
129 94.3 70.8 106.2
131 89.5 72.5 108.7

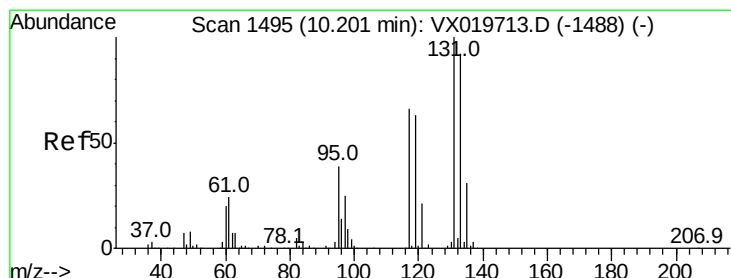
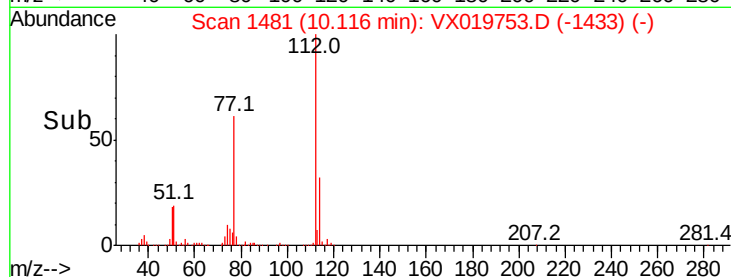
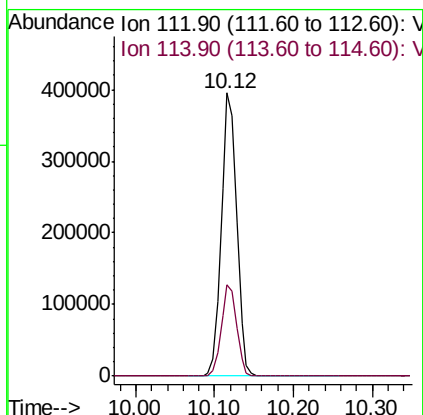
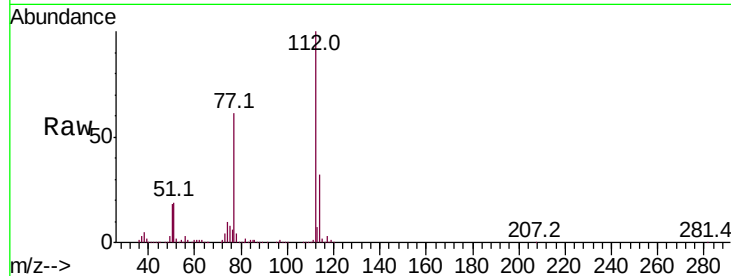




#65
Chlorobenzene
Concen: 57.309 ug/l
RT: 10.12 min Scan# 1481
Delta R.T. -0.01 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

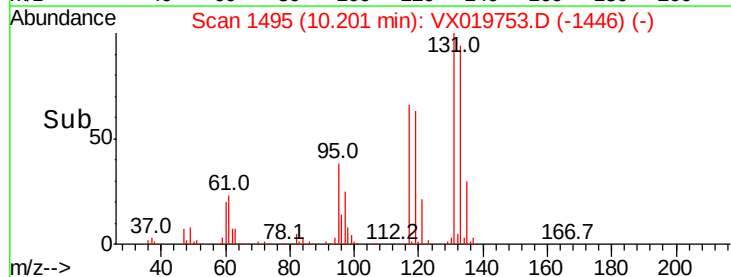
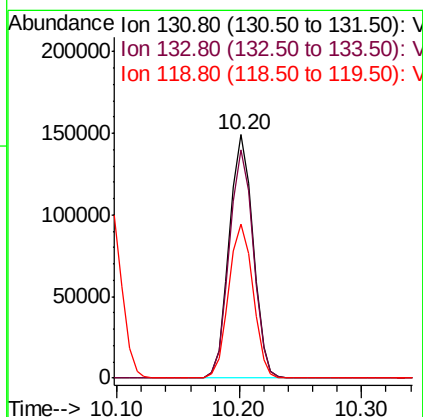
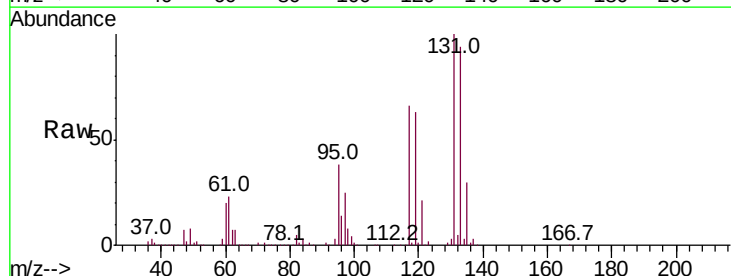
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

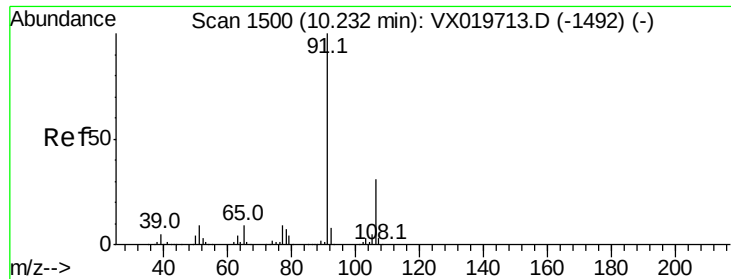
Tot Ion:112 Resp: 535689
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 59.814 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Tgt Ion:131 Resp: 201235
Ion Ratio Lower Upper
131 100
133 94.4 47.7 143.1
119 64.5 32.1 96.5





#67

Ethyl Benzene

Concen: 58.714 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

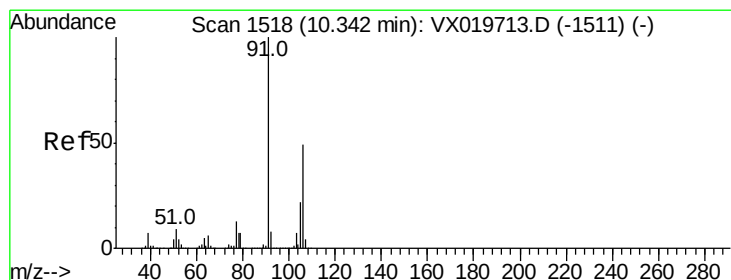
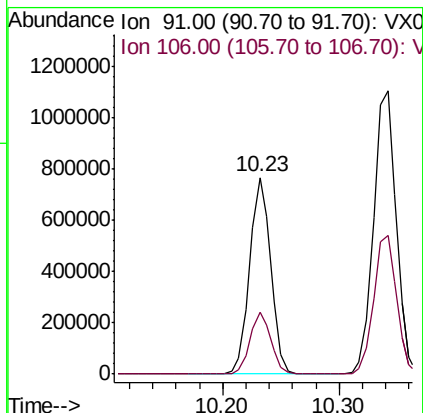
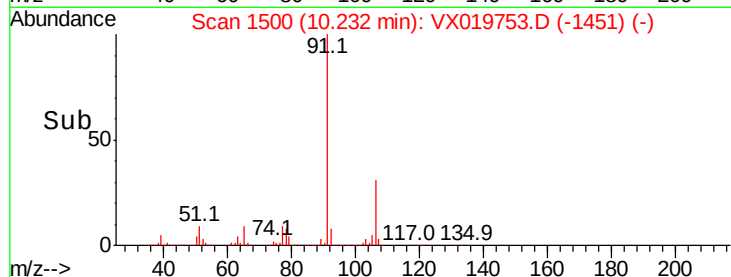
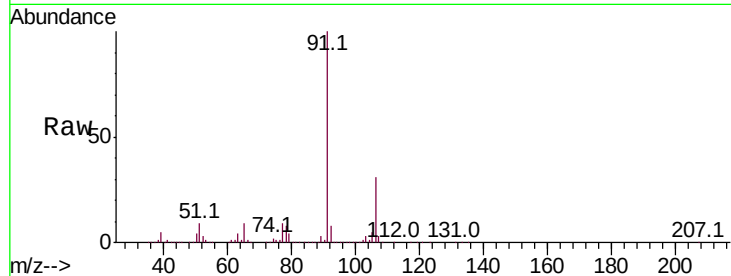
VSTDCCC050EC

Tot Ion: 91 Resp: 974186

Ion Ratio Lower Upper

91 100

106 31.4 24.6 37.0



#68

m/p-Xylenes

Concen: 118.326 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019753.D

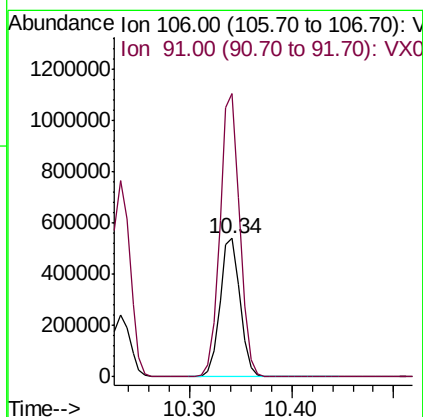
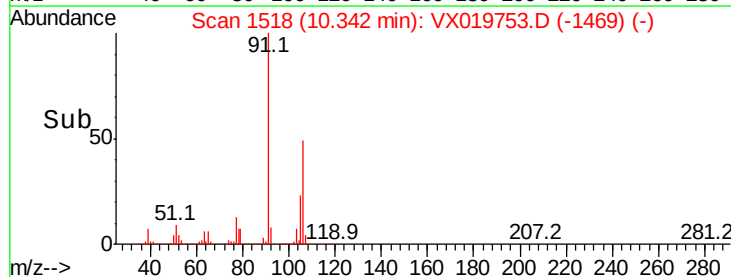
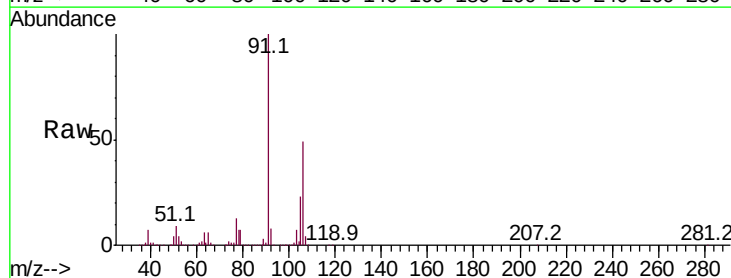
Acq: 07 Dec 2020 16:14

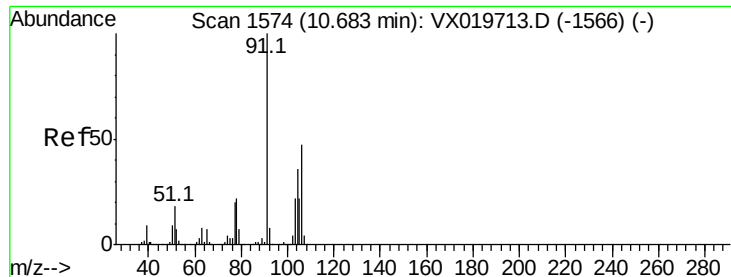
Tgt Ion: 106 Resp: 739785

Ion Ratio Lower Upper

106 100

91 202.2 162.8 244.2

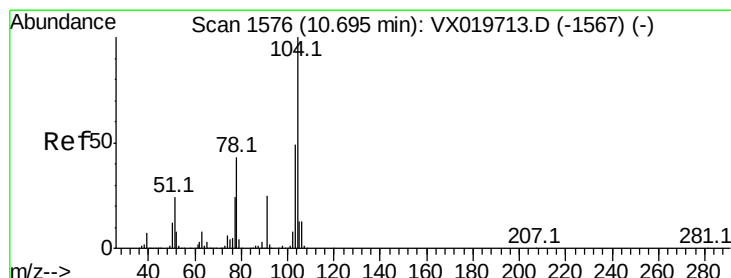
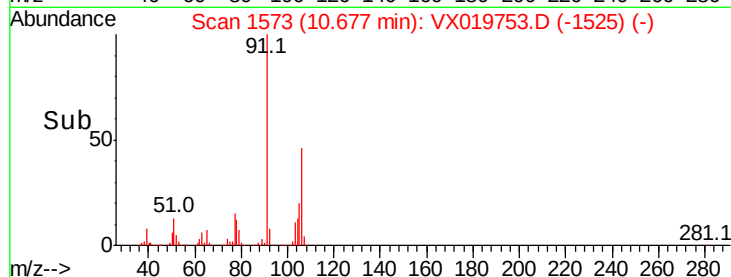
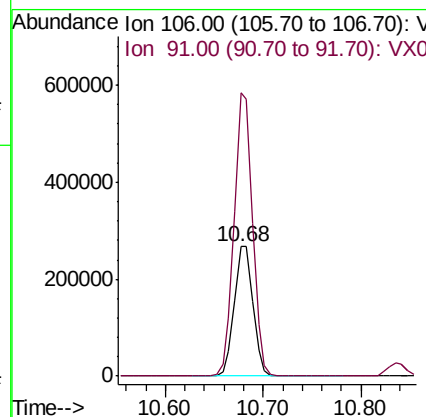
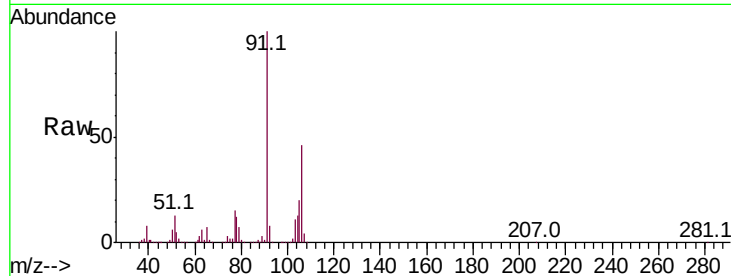




#69
o-Xylene
Concen: 59.519 ug/l
RT: 10.68 min Scan# 1573
Delta R.T. -0.01 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

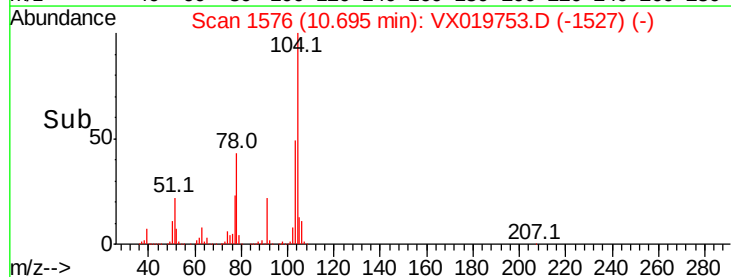
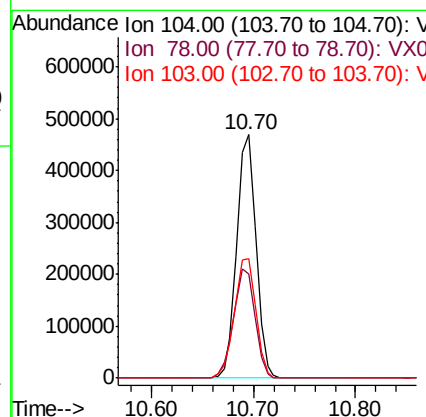
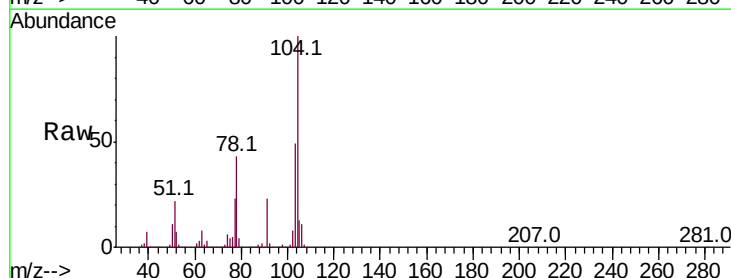
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

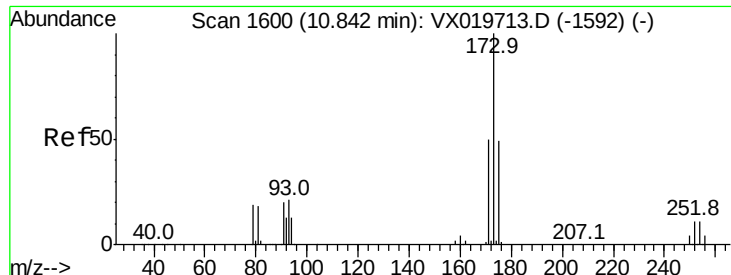
Tot Ion:106 Resp: 357956
Ion Ratio Lower Upper
106 100
91 213.6 108.1 324.2



#70
Styrene
Concen: 60.228 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Tgt Ion:104 Resp: 611384
Ion Ratio Lower Upper
104 100
78 50.0 40.0 60.0
103 54.4 43.4 65.0

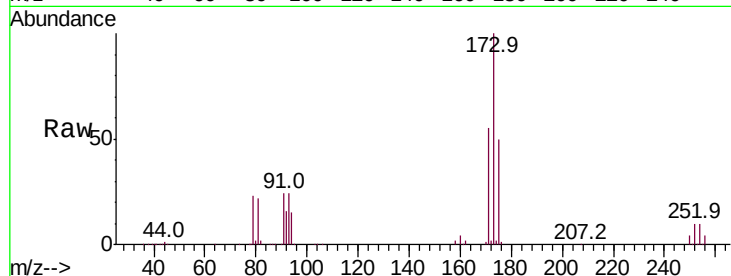




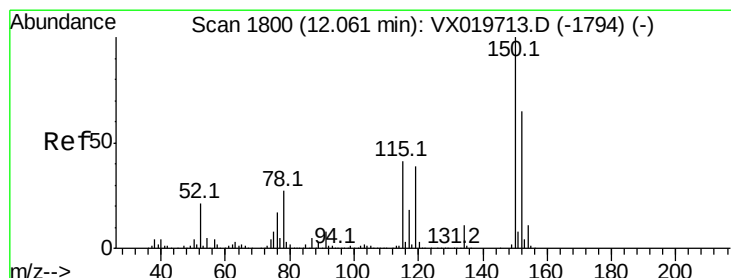
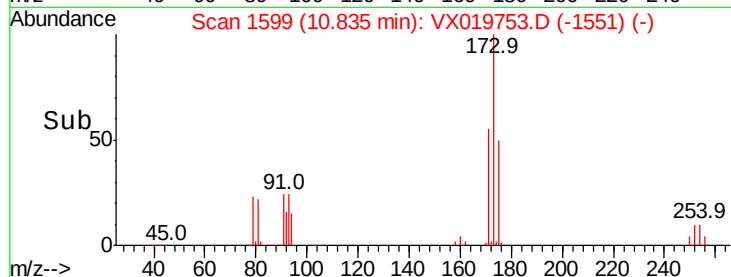
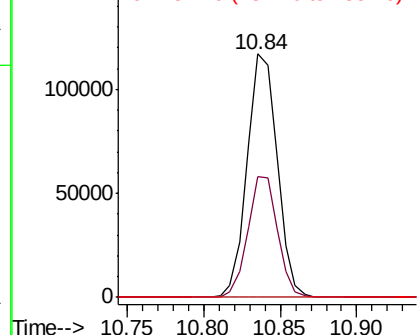
#71
Bromoform
Concen: 60.562 ug/l
RT: 10.84 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 160288
Ion Ratio Lower Upper
173 100
175 49.3 23.9 71.8
254 0.2 0.1 0.1#

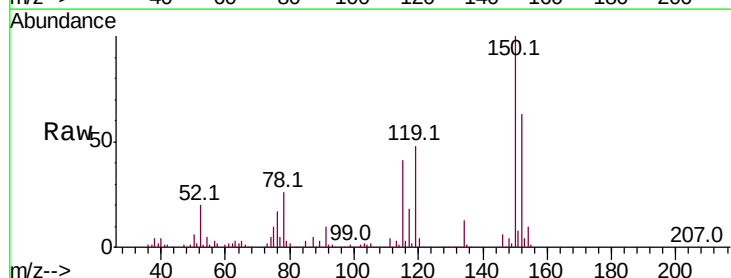


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

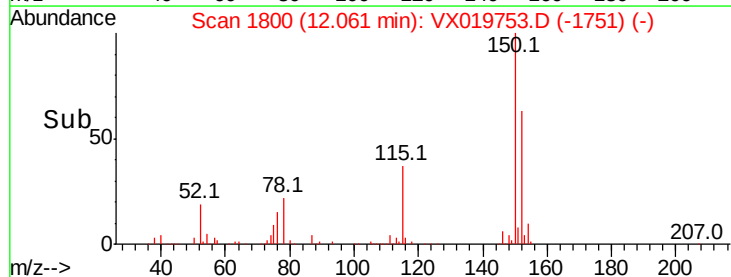
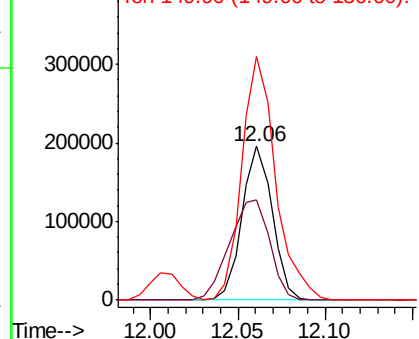


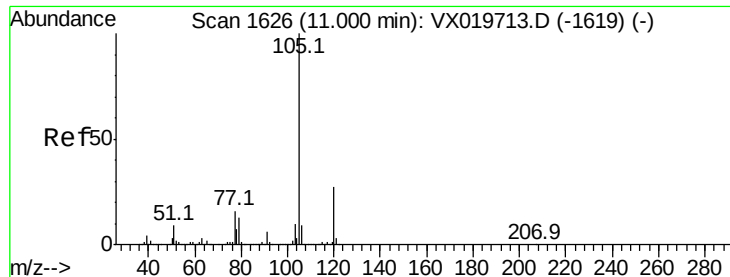
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Tgt Ion:152 Resp: 235884
Ion Ratio Lower Upper
152 100
115 86.0 41.1 123.3
150 176.6 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 59.197 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

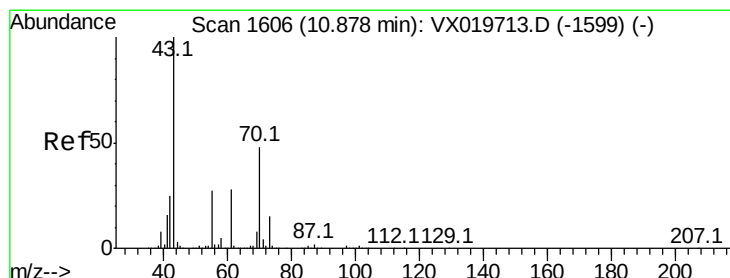
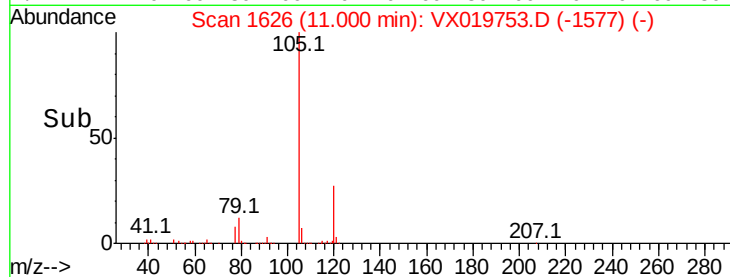
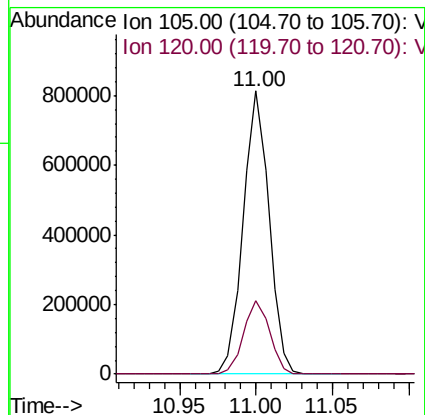
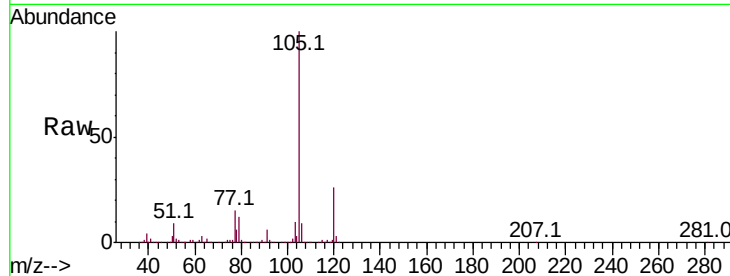
VSTDCCC050EC

Tot Ion:105 Resp: 953999

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.6



#74

N-ethyl acetate

Concen: 57.850 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

Tgt Ion: 43 Resp: 373604

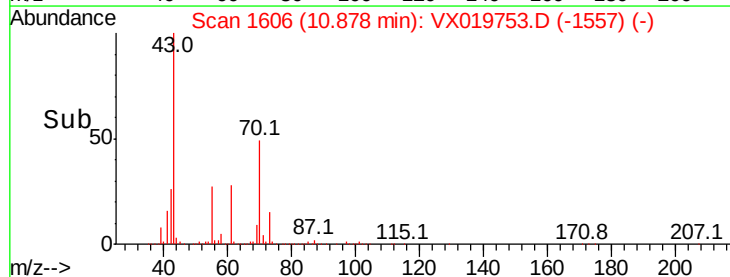
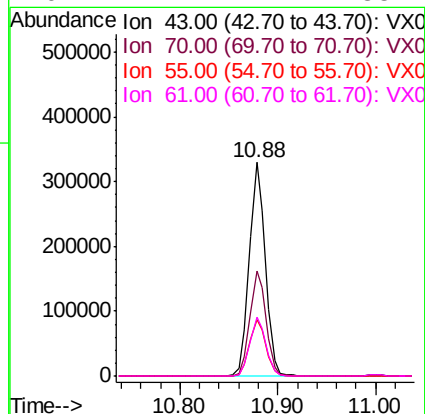
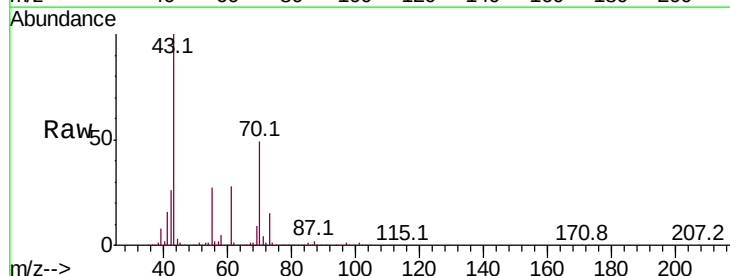
Ion Ratio Lower Upper

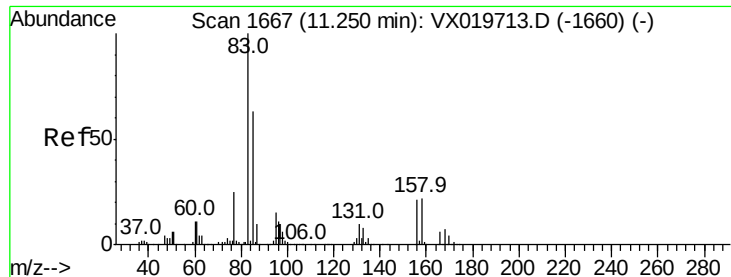
43 100

70 49.8 39.0 58.6

55 27.2 21.5 32.3

61 27.7 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 56.638 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

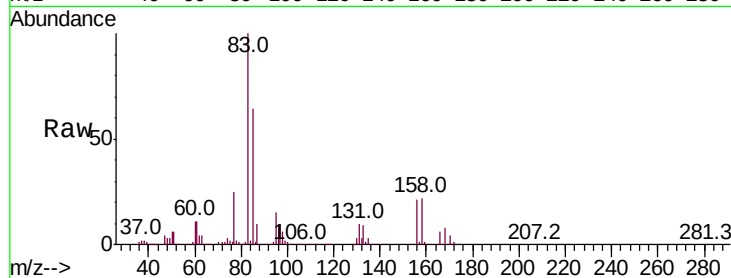
Tot Ion: 83 Resp: 321797

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.2

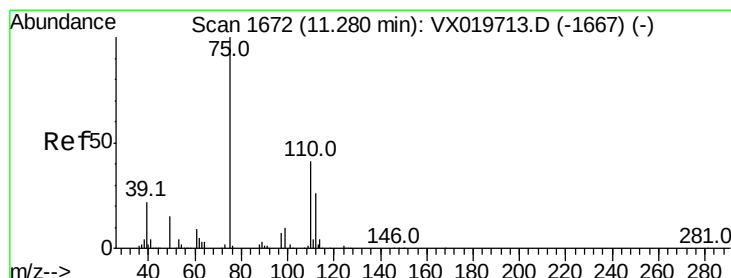
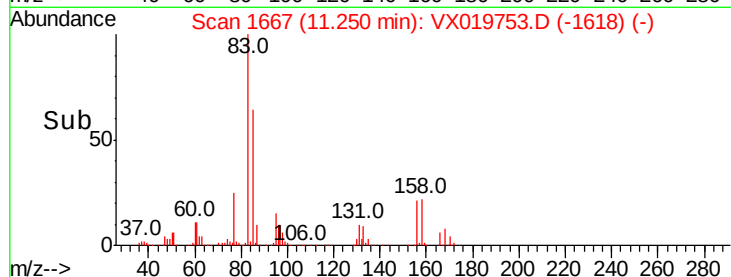
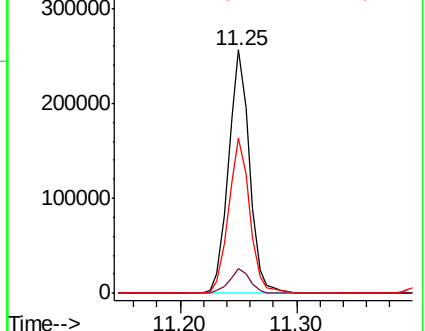
85 64.3 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 71.808 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019753.D

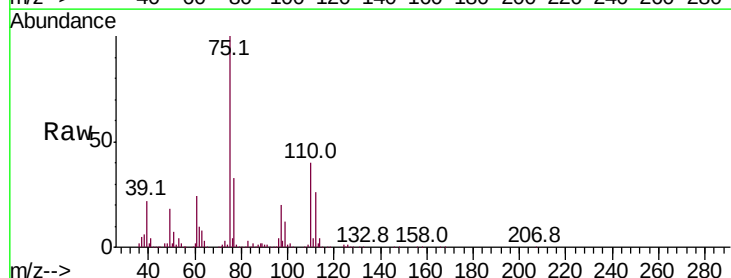
Acq: 07 Dec 2020 16:14

Tgt Ion: 75 Resp: 379898

Ion Ratio Lower Upper

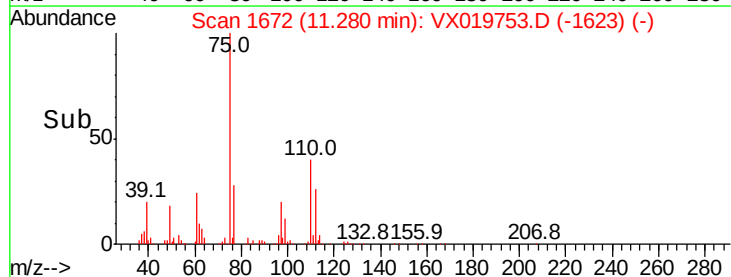
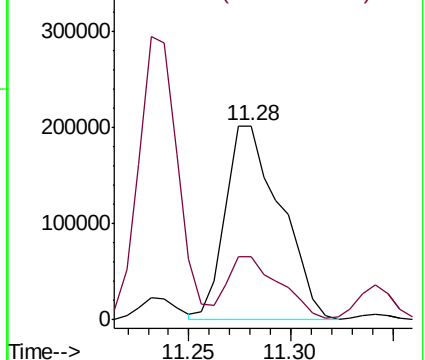
75 100

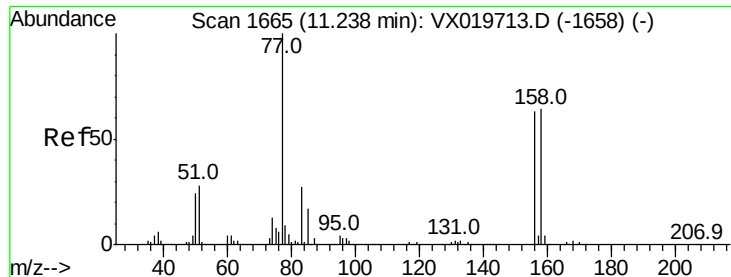
77 30.7 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 58.594 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

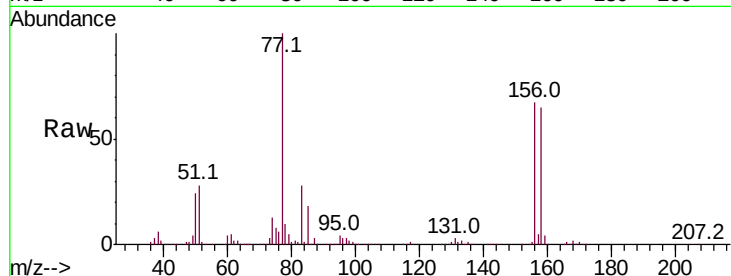
Tot Ion:156 Resp: 241650

Ion Ratio Lower Upper

156 100

77 162.7 82.8 248.6

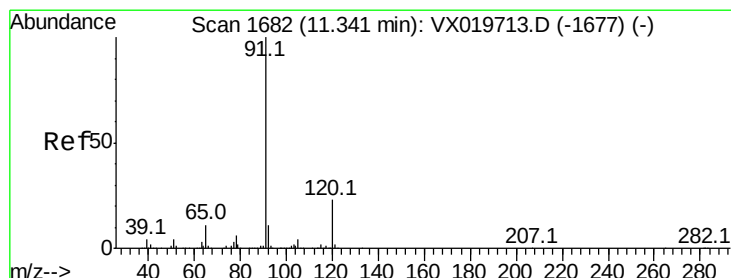
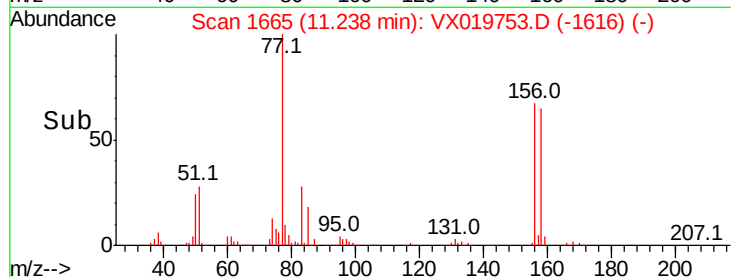
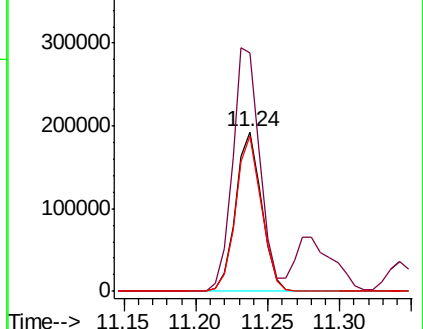
158 96.7 49.1 147.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 60.422 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019753.D

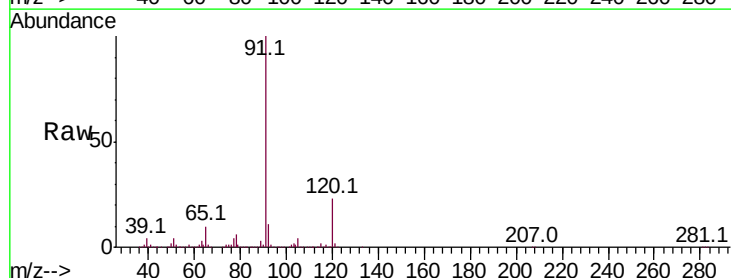
Acq: 07 Dec 2020 16:14

Tgt Ion: 91 Resp: 1112144

Ion Ratio Lower Upper

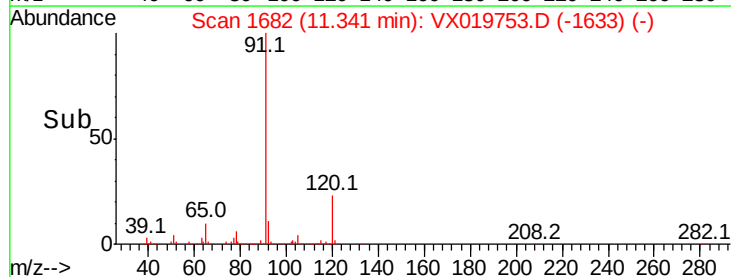
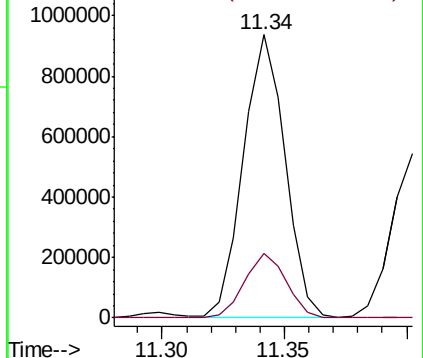
91 100

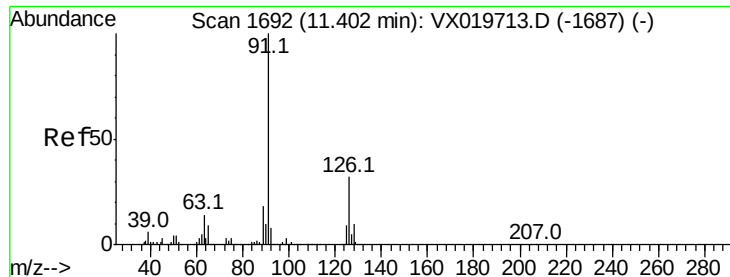
120 23.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

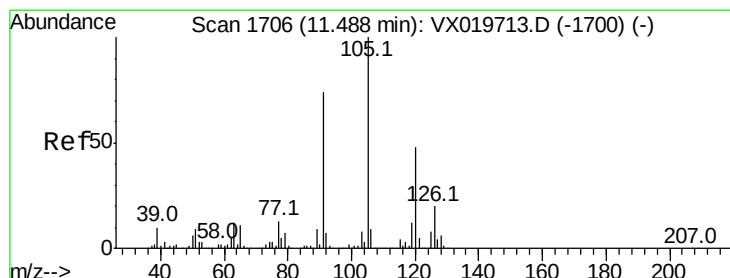
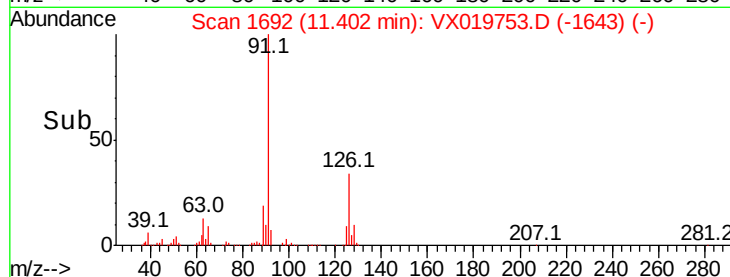
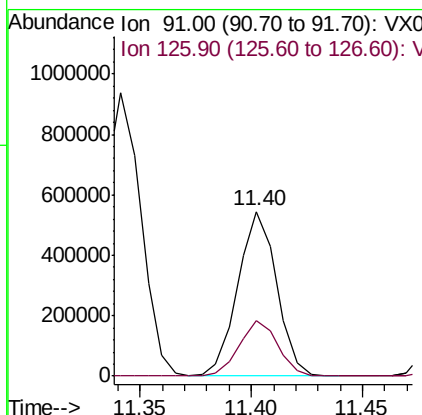
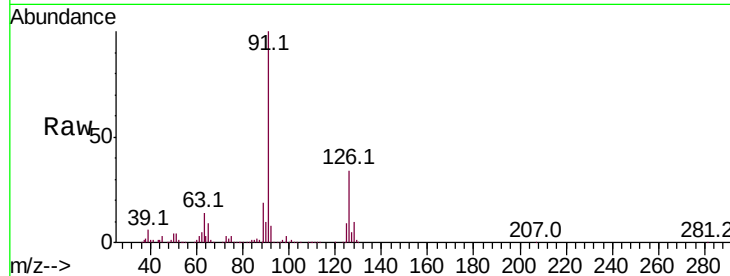




#79
 2-Chlorotoluene
 Concen: 58.303 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019753.D
 Acq: 07 Dec 2020 16:14

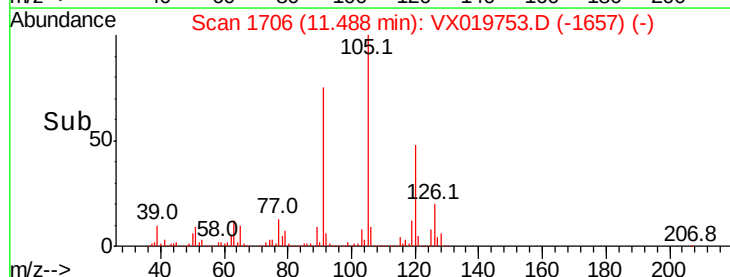
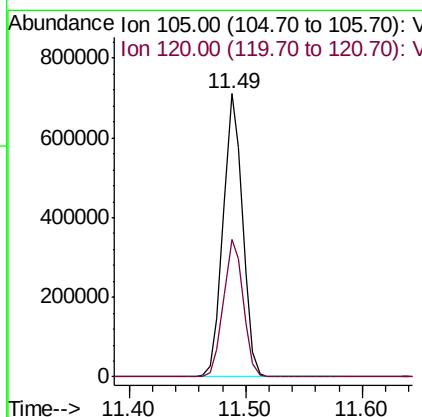
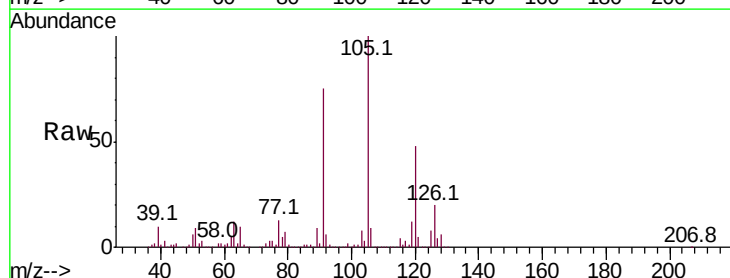
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

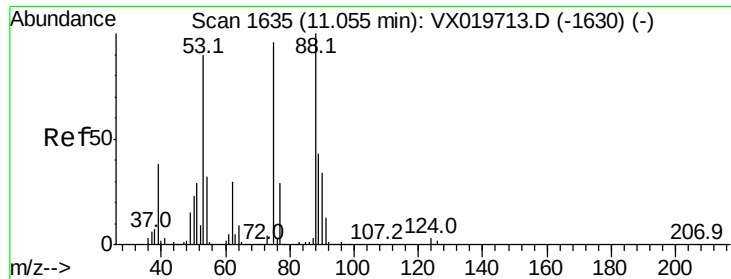
Tot Ion: 91 Resp: 660861
 Ion Ratio Lower Upper
 91 100
 126 33.9 16.6 49.8



#80
 1,3,5-Trimethylbenzene
 Concen: 60.249 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019753.D
 Acq: 07 Dec 2020 16:14

Tgt Ion: 105 Resp: 819443
 Ion Ratio Lower Upper
 105 100
 120 49.2 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 61.227 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019753.D

Acq: 07 Dec 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

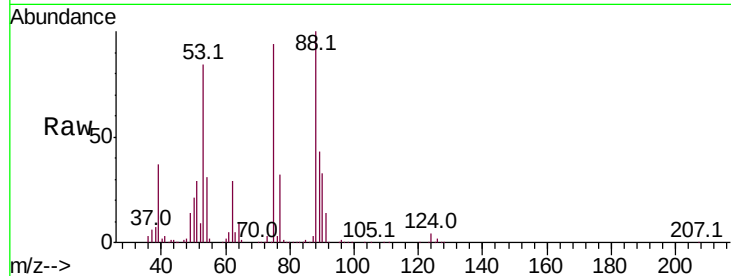
Tot Ion: 75 Resp: 112051

Ion Ratio Lower Upper

75 100

53 90.4 74.5 111.7

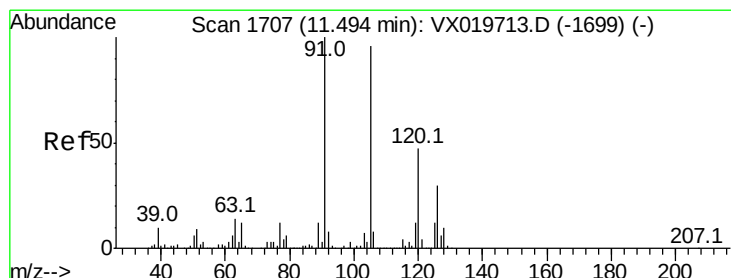
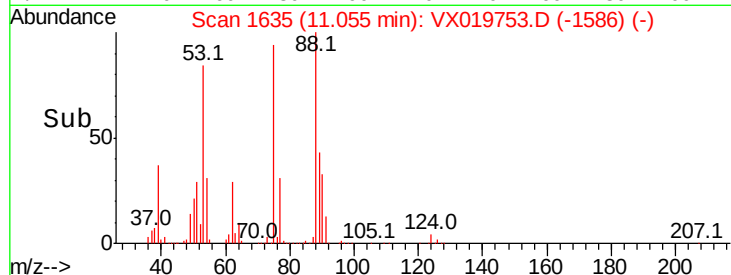
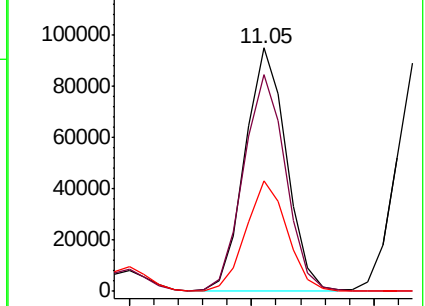
89 45.5 37.9 56.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 58.539 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019753.D

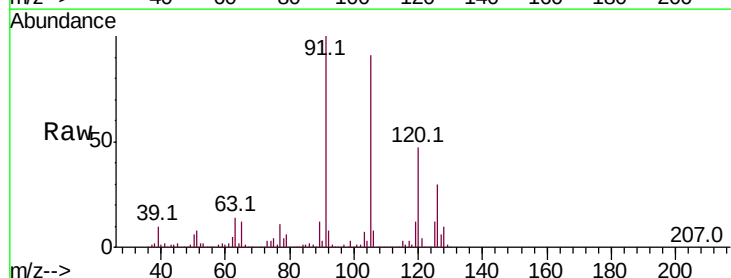
Acq: 07 Dec 2020 16:14

Tgt Ion: 91 Resp: 777120

Ion Ratio Lower Upper

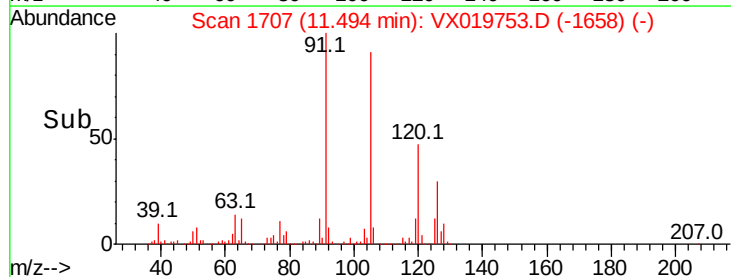
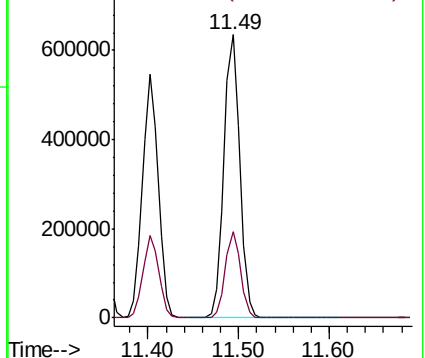
91 100

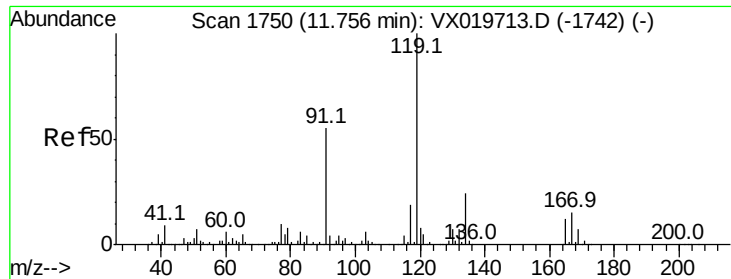
126 29.4 14.9 44.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

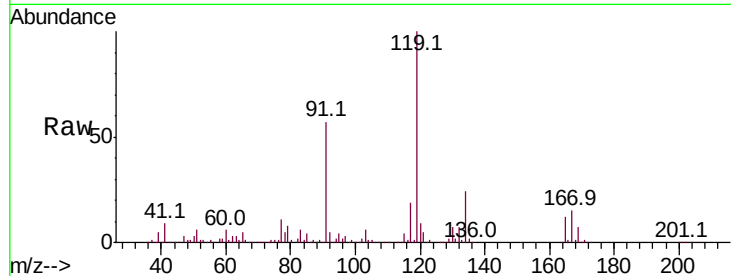




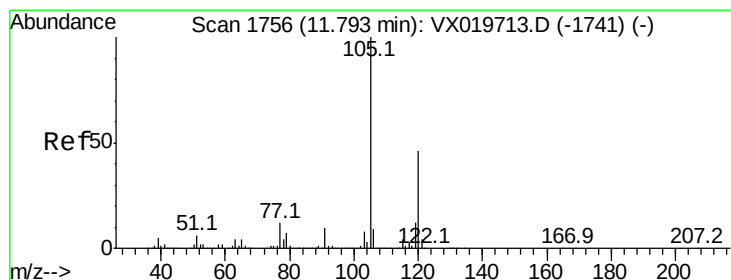
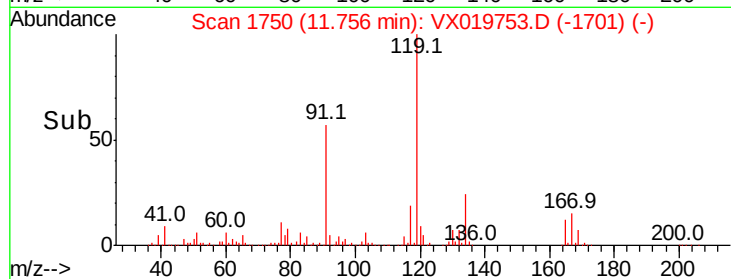
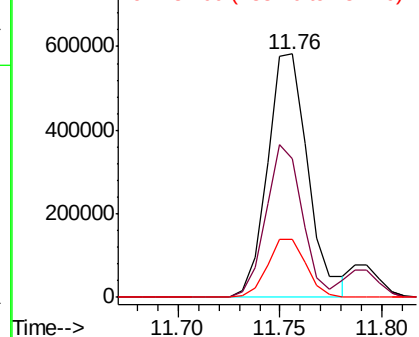
#83
tert-Butylbenzene
Concen: 60.612 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.1	27.9	83.7
134	22.9	11.3	33.9

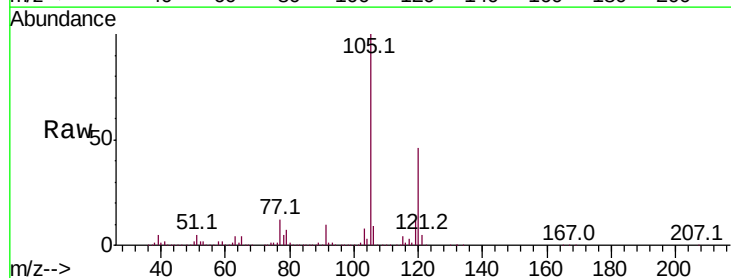


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

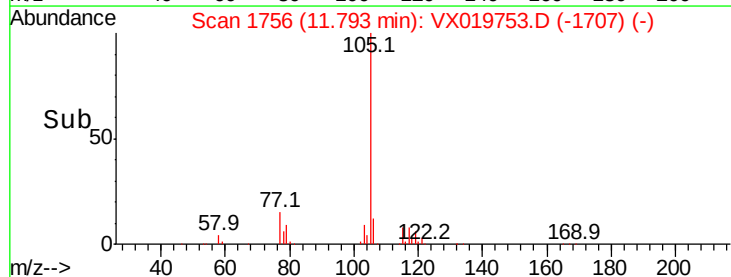
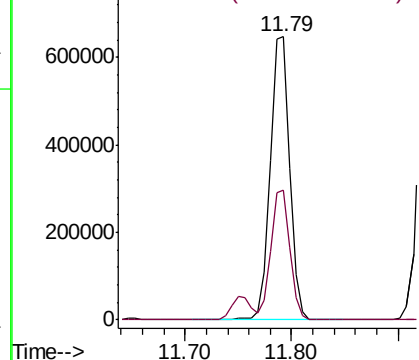


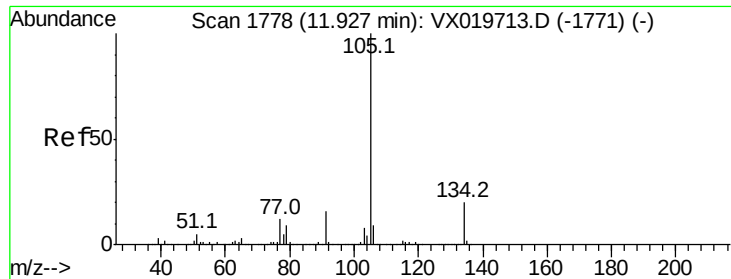
#84
1,2,4-Trimethylbenzene
Concen: 60.523 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.4	67.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

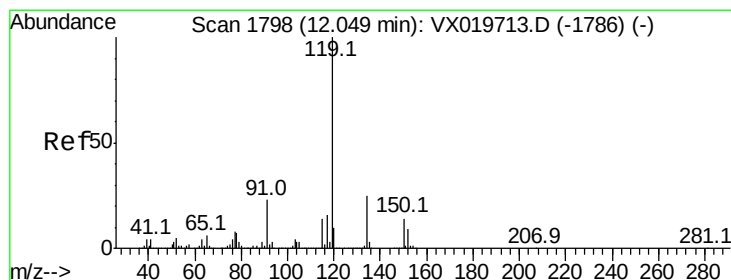
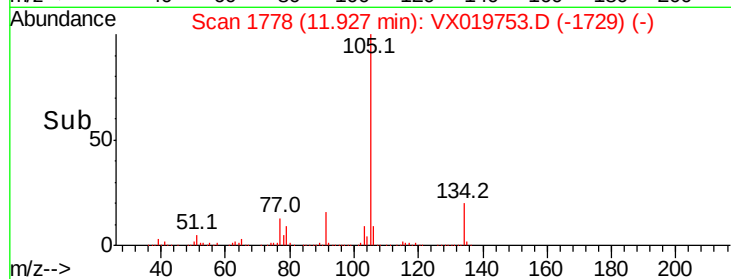
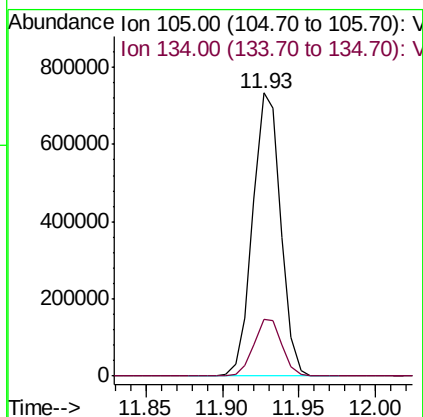
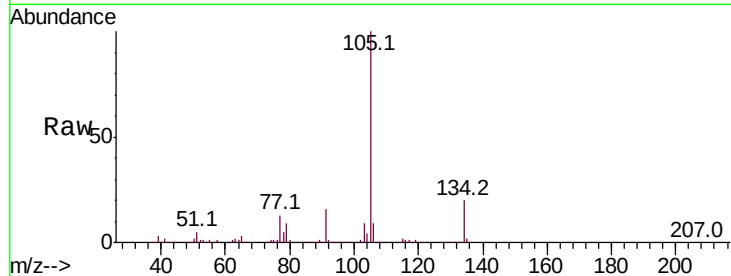




#85
 sec-Butylbenzene
 Concen: 61.136 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019753.D
 Acq: 07 Dec 2020 16:14

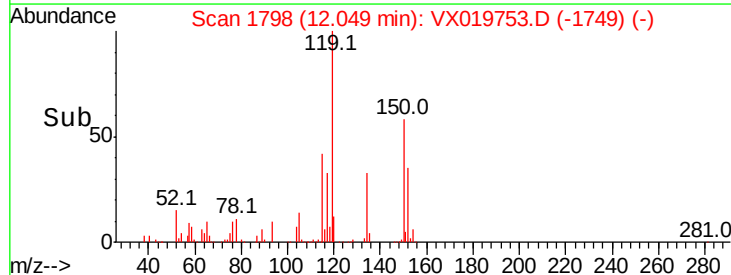
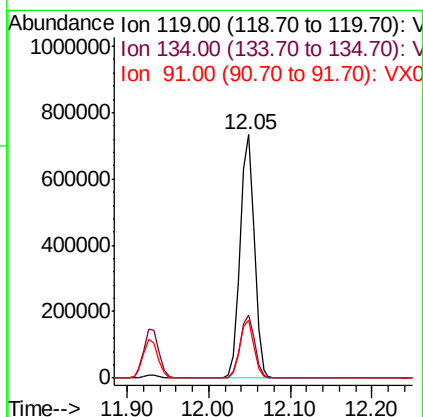
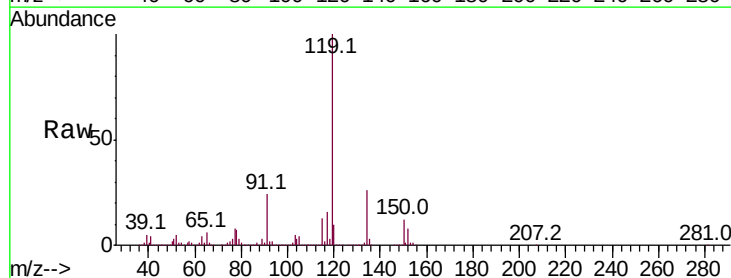
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

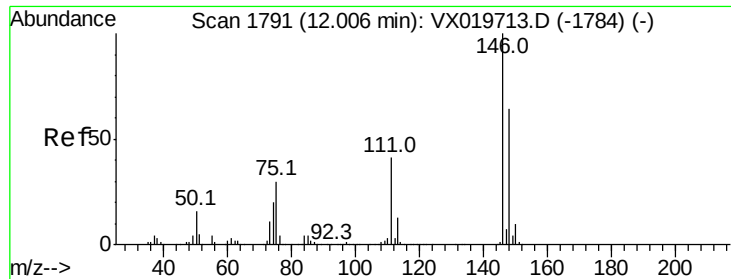
Tot Ion:105 Resp: 931080
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 62.167 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019753.D
 Acq: 07 Dec 2020 16:14

Tgt Ion:119 Resp: 867703
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.9 38.7
 91 23.5 11.7 35.0

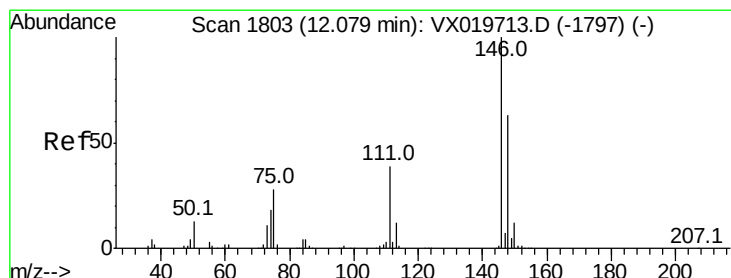
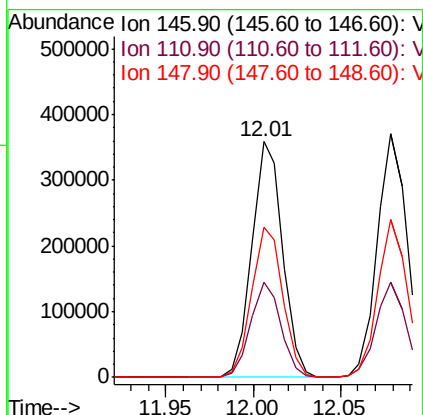
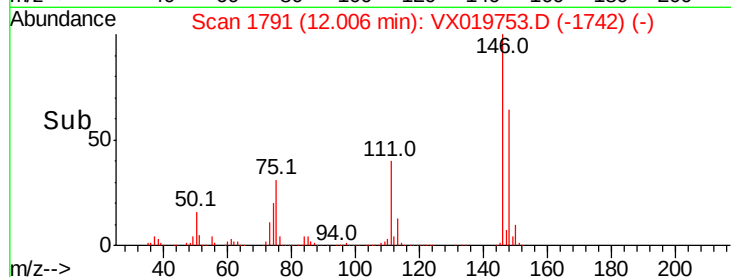
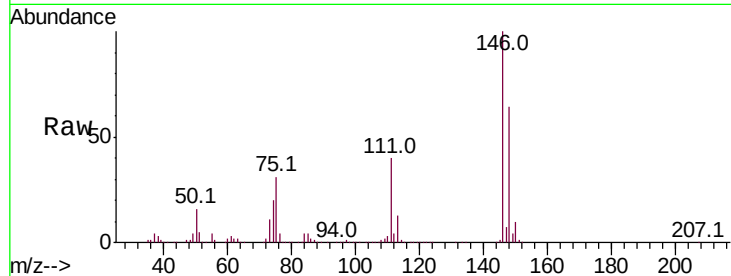




#87
 1,3-Dichlorobenzene
 Concen: 57.789 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019753.D
 Acq: 07 Dec 2020 16:14

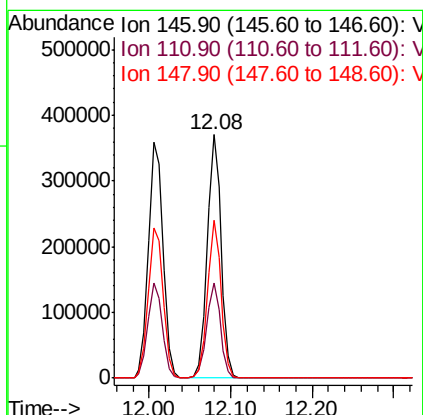
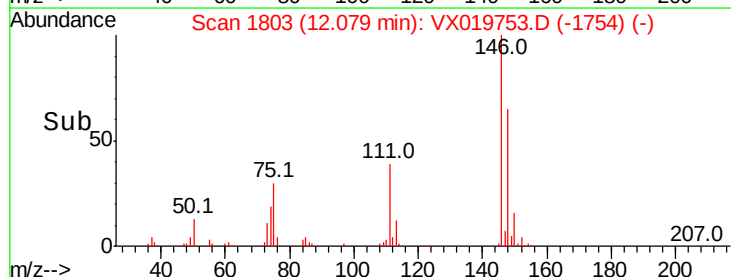
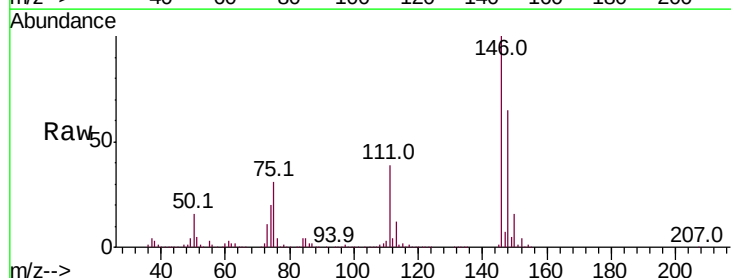
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

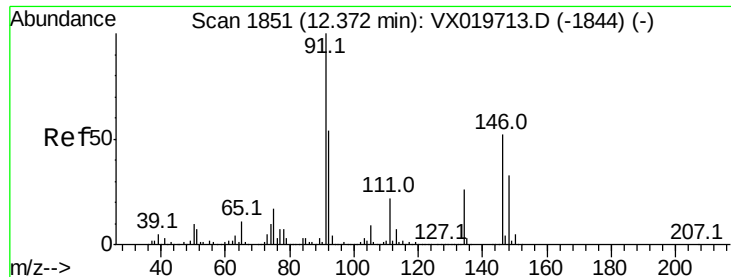
Tot Ion:146 Resp: 437422
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.2 60.5
 148 64.5 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 57.254 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019753.D
 Acq: 07 Dec 2020 16:14

Tgt Ion:146 Resp: 441397
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.6 58.8
 148 63.4 31.6 95.0

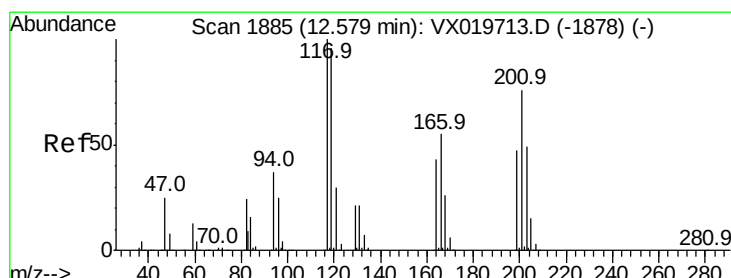
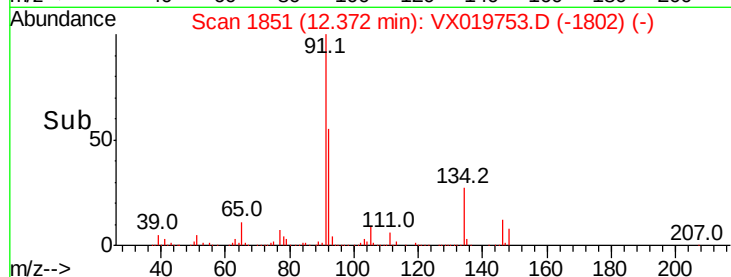
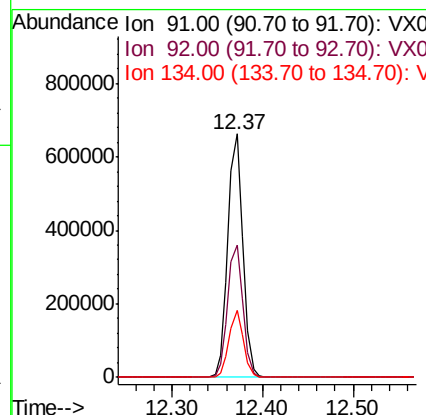
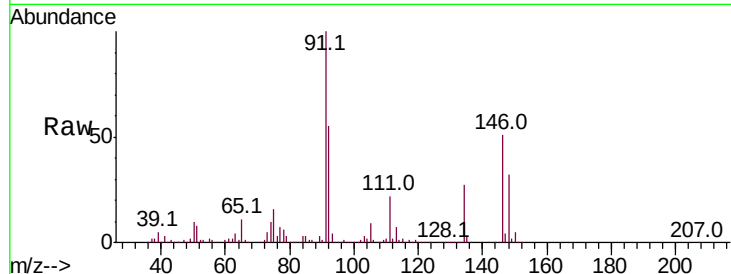




#89
n-Butylbenzene
Concen: 61.769 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

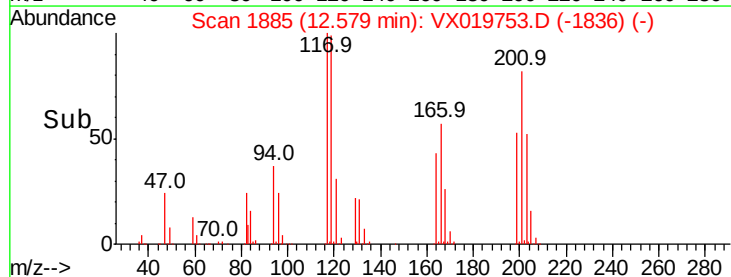
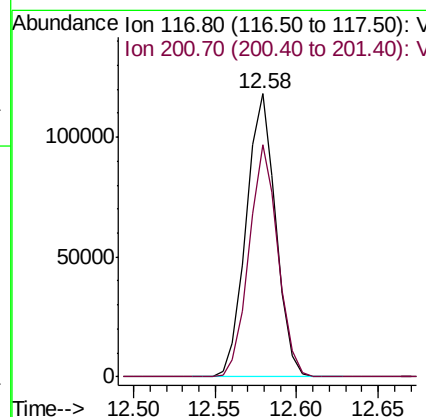
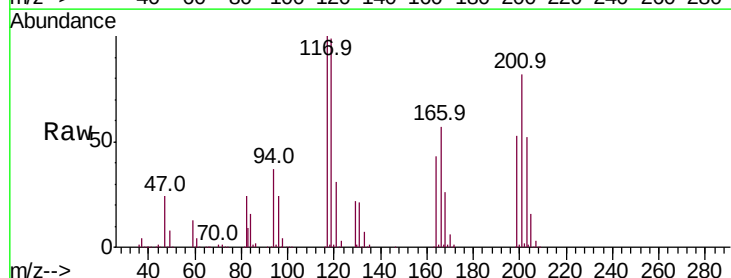
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

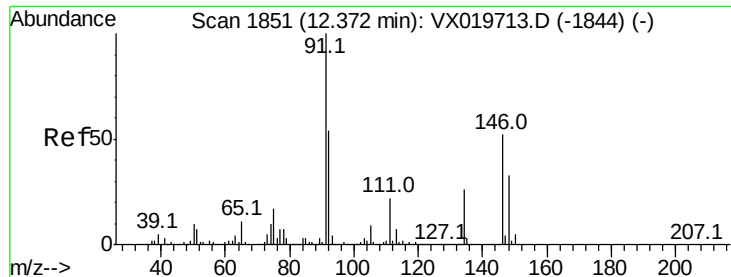
Tot Ion: 91 Resp: 763838
Ion Ratio Lower Upper
91 100
92 55.2 27.4 82.0
134 26.3 13.2 39.5



#90
Hexachloroethane
Concen: 61.924 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Tgt Ion: 117 Resp: 149219
Ion Ratio Lower Upper
117 100
201 79.9 40.4 121.2

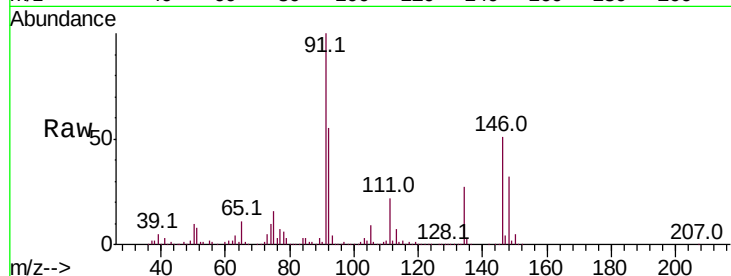




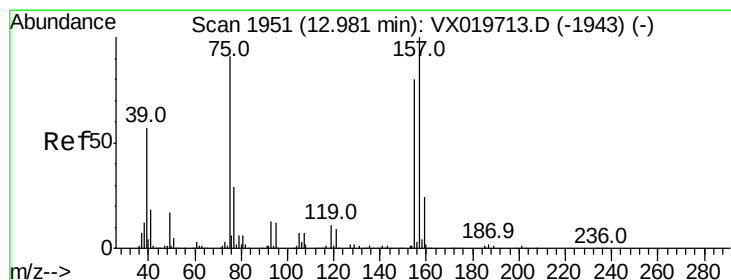
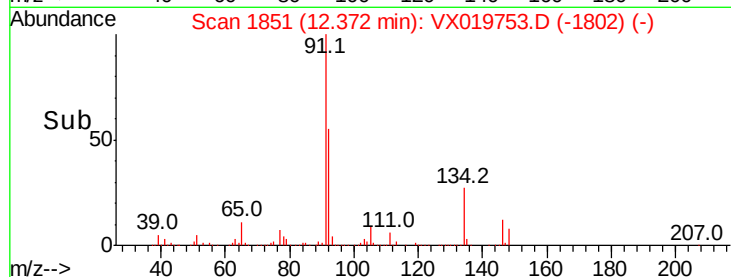
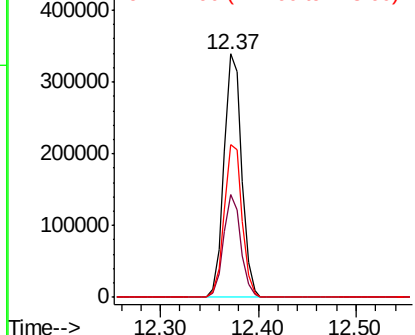
#91
 1,2-Dichlorobenzene
 Concen: 57.570 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019753.D
 Acq: 07 Dec 2020 16:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 424795
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.8 62.2
 148 63.2 31.9 95.5

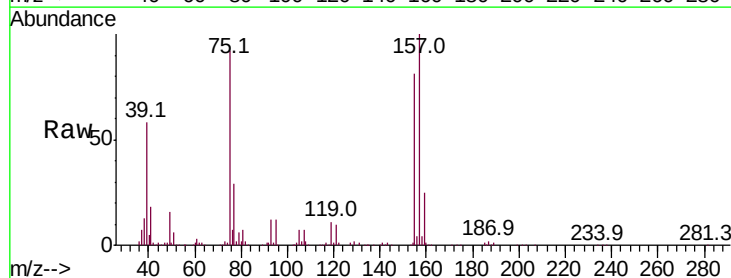


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

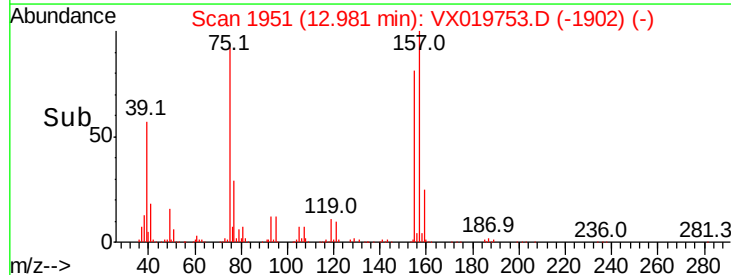
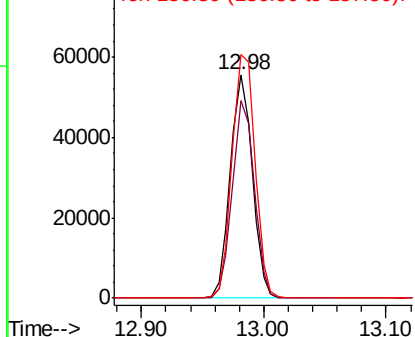


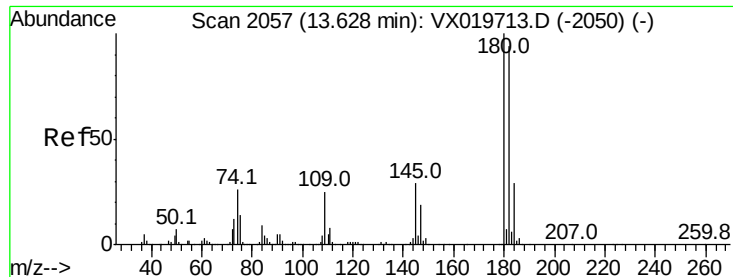
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.404 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019753.D
 Acq: 07 Dec 2020 16:14

Tgt Ion: 75 Resp: 68893
 Ion Ratio Lower Upper
 75 100
 155 88.4 45.3 135.9
 157 113.8 57.7 173.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

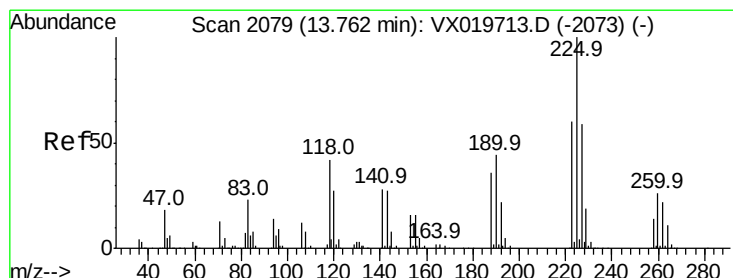
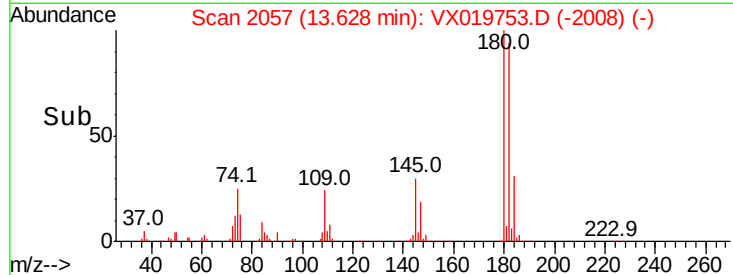
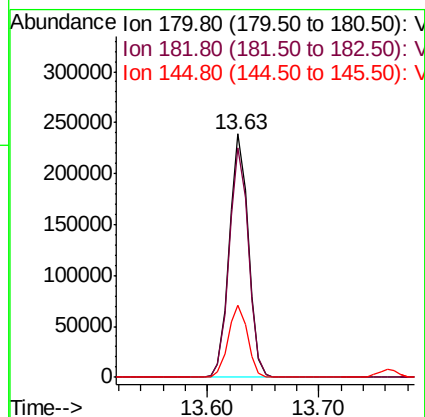
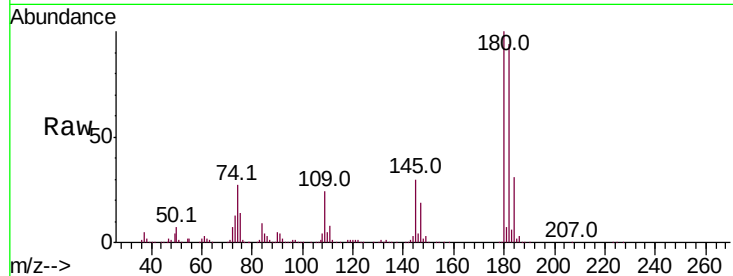




#93
 1,2,4-Trichlorobenzene
 Concen: 58.731 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019753.D
 Acq: 07 Dec 2020 16:14

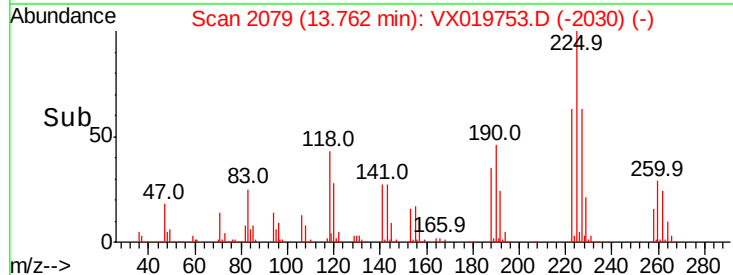
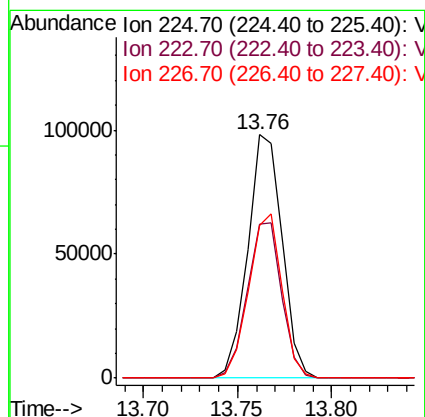
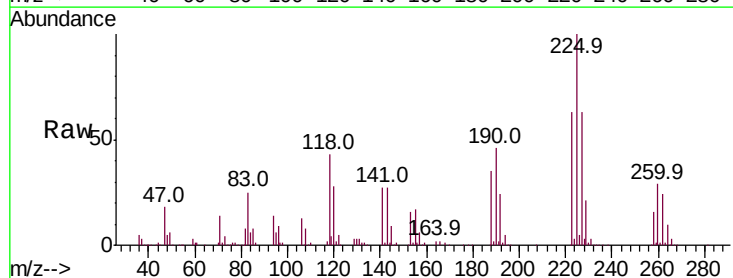
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

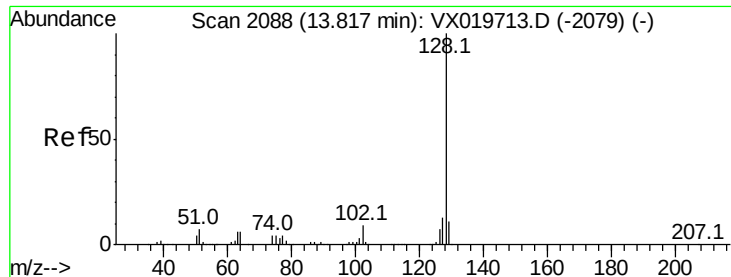
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.7	143.1
145	30.3	15.0	45.0



#94
 Hexachlorobutadiene
 Concen: 57.604 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019753.D
 Acq: 07 Dec 2020 16:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	31.1	93.2
227	65.1	31.6	95.0

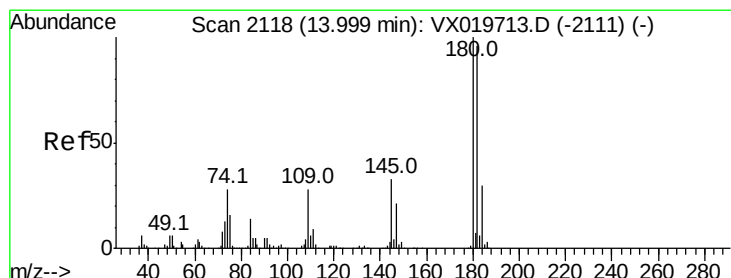
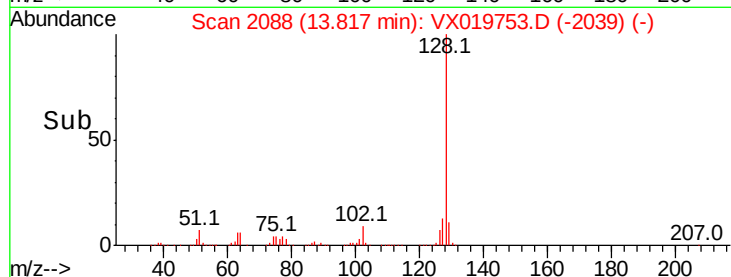
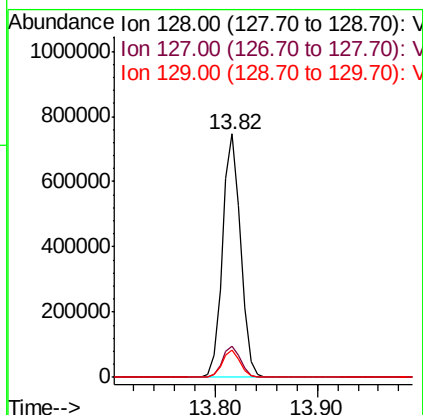
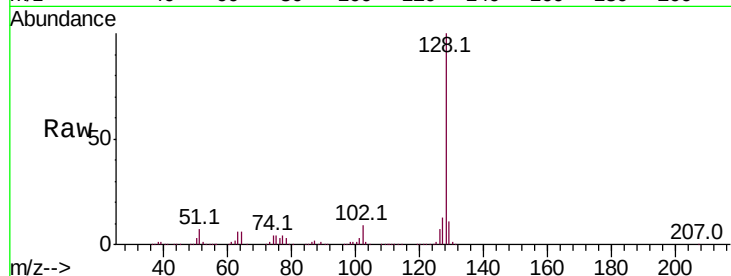




#95
Naphthalene
Concen: 58.869 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 916719
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 58.234 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019753.D
Acq: 07 Dec 2020 16:14

Tgt Ion:180 Resp: 273362
Ion Ratio Lower Upper
180 100
182 95.0 47.6 142.9
145 32.3 16.1 48.3

