

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102820\
 Data File : VX019162.D
 Acq On : 28 Oct 2020 14:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 29 02:07:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	293094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	476680	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	442639	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	227606	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	180638	47.79	ug/l	0.00
Spiked Amount			Recovery	=	95.58%	
35) Dibromofluoromethane	5.46	113	144801	48.36	ug/l	0.00
Spiked Amount			Recovery	=	96.72%	
50) Toluene-d8	8.70	98	551655	48.87	ug/l	0.00
Spiked Amount			Recovery	=	97.74%	
62) 4-Bromofluorobenzene	11.12	95	218804	51.19	ug/l	0.00
Spiked Amount			Recovery	=	102.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	128756	52.695	ug/l	100
3) Chloromethane	1.31	50	142127	52.065	ug/l	99
4) Vinyl Chloride	1.40	62	166960	52.739	ug/l	98
5) Bromomethane	1.64	94	115135	53.254	ug/l	99
6) Chloroethane	1.71	64	109161	54.006	ug/l	96
7) Trichlorofluoromethane	1.92	101	265914	53.466	ug/l	98
8) Diethyl Ether	2.17	74	103457	54.201	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	149212	54.127	ug/l	99
10) Methyl Iodide	2.49	142	170910	52.202	ug/l	99
11) Tert butyl alcohol	3.03	59	185927	249.043	ug/l	99
12) 1,1-Dichloroethene	2.36	96	146090	51.427	ug/l	99
13) Acrolein	2.28	56	84182	252.150	ug/l	97
14) Allyl chloride	2.71	41	230312	53.527	ug/l	99
15) Acrylonitrile	3.12	53	414261	264.062	ug/l	100
16) Acetone	2.43	43	357403	274.088	ug/l	99
17) Carbon Disulfide	2.55	76	402946	49.766	ug/l	100
18) Methyl Acetate	2.75	43	162572	51.270	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	527116	53.554	ug/l	99
20) Methylene Chloride	2.84	84	169403	51.747	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	164855	50.424	ug/l	95
22) Diisopropyl ether	3.82	45	474283	55.291	ug/l	99
23) Vinyl Acetate	3.78	43	2111107	275.983	ug/l	99
24) 1,1-Dichloroethane	3.67	63	287558	53.692	ug/l	99
25) 2-Butanone	4.64	43	558478	271.757	ug/l	100
26) 2,2-Dichloropropane	4.55	77	270479	53.721	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	191168	52.327	ug/l	98
28) Bromochloromethane	4.98	49	124386	51.087	ug/l	96
29) Tetrahydrofuran	5.09	42	352456	272.149	ug/l	99
30) Chloroform	5.18	83	307206	53.889	ug/l	100
31) Cyclohexane	5.55	56	254941	53.358	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	278090	53.805	ug/l	100
36) 1,1-Dichloropropene	5.77	75	232311	52.776	ug/l	100
37) Ethyl Acetate	4.79	43	220640	53.987	ug/l	99
38) Carbon Tetrachloride	5.75	117	241113	53.739	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	286104	54.359	ug/l	98
40) Benzene	6.11	78	675122	54.094	ug/l	100
41) Methacrylonitrile	5.00	41	118168	53.690	ug/l	99
42) 1,2-Dichloroethane	6.16	62	248584	54.044	ug/l	100
43) Isopropyl Acetate	6.41	43	368467	53.844	ug/l	100
44) Trichloroethene	7.18	130	187910	52.573	ug/l	95
45) 1,2-Dichloropropane	7.49	63	169410	55.419	ug/l	99
46) Dibromomethane	7.63	93	120815	53.447	ug/l	97
47) Bromodichloromethane	7.87	83	244541	54.885	ug/l	99
48) Methyl methacrylate	7.74	41	181044	54.966	ug/l	98
49) 1,4-Dioxane	7.73	88	78716	1074.635	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1104024	280.695	ug/l	100
52) Toluene	8.76	92	442953	55.106	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	276013	54.237	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	291324	54.439	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	174401	54.912	ug/l	99
56) Ethyl methacrylate	9.16	69	271613	56.619	ug/l	99
57) 1,3-Dichloropropane	9.35	76	290688	54.286	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	755443	281.579	ug/l	98
59) 2-Hexanone	9.47	43	853394	285.038	ug/l	99
60) Dibromochloromethane	9.56	129	194463	56.419	ug/l	100
61) 1,2-Dibromoethane	9.65	107	183987	54.173	ug/l	100
64) Tetrachloroethene	9.32	164	173339	51.399	ug/l	97
65) Chlorobenzene	10.12	112	466278	51.539	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	173506	53.272	ug/l	98
67) Ethyl Benzene	10.23	91	851718	52.832	ug/l	99
68) m/p-Xylenes	10.34	106	648911	107.248	ug/l	99
69) o-Xylene	10.68	106	309832	53.988	ug/l	99
70) Styrene	10.70	104	529687	54.094	ug/l	99
71) Bromoform	10.84	173	139861	54.161	ug/l #	98
73) Isopropylbenzene	11.00	105	843040	52.327	ug/l	100
74) N-amyl acetate	10.88	43	319054	54.162	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	261020	51.840	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	317505	67.560	ug/l	86
77) Bromobenzene	11.24	156	206135	51.552	ug/l	97
78) n-propylbenzene	11.34	91	979611	53.265	ug/l	100
79) 2-Chlorotoluene	11.40	91	571224	52.756	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	720902	52.966	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	92499	51.824	ug/l	99
82) 4-Chlorotoluene	11.49	91	682283	51.601	ug/l	99
83) tert-Butylbenzene	11.76	119	696771	53.466	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	725377	52.791	ug/l	99
85) sec-Butylbenzene	11.93	105	840885	53.799	ug/l	99
86) p-Isopropyltoluene	12.05	119	781800	54.191	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	384088	51.580	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	379850	49.005	ug/l	99
89) n-Butylbenzene	12.37	91	714600	52.697	ug/l	100
90) Hexachloroethane	12.58	117	134868	55.000	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	357385	49.982	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	60329	48.944	ug/l	98

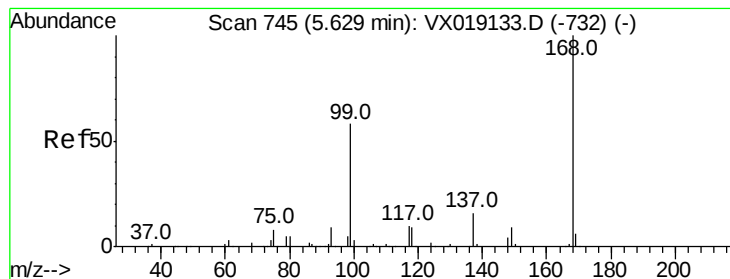
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	250878	46.712	ug/l	99
94) Hexachlorobutadiene	13.76	225	107229	45.354	ug/l	97
95) Naphthalene	13.82	128	818274	48.374	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	250415	48.061	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

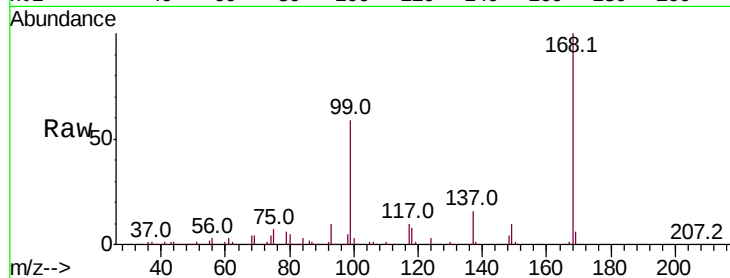
VSTDCCC050EC

Tot Ion:168 Resp: 293094

Ion Ratio Lower Upper

168 100

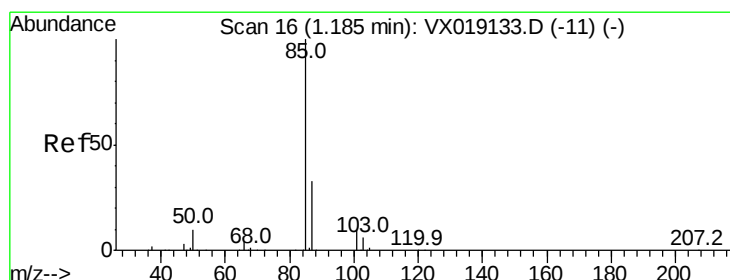
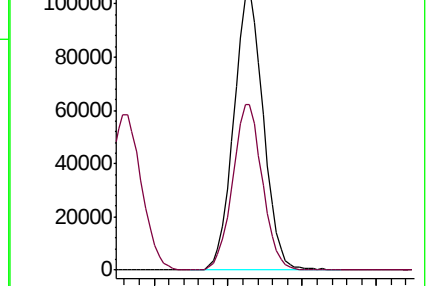
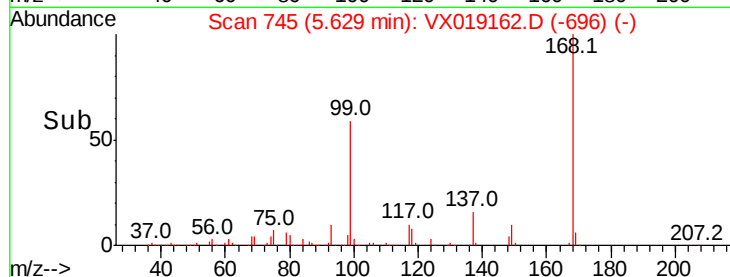
99 58.6 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63



#2

Dichlorodifluoromethane

Concen: 52.695 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019162.D

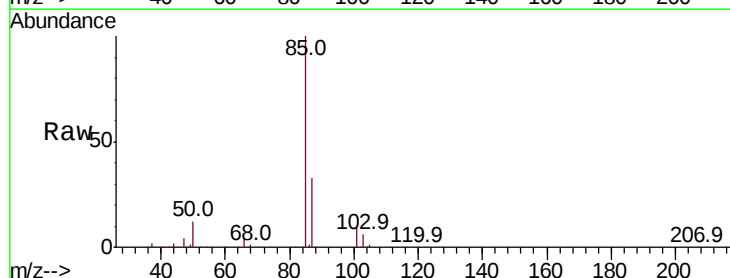
Acq: 28 Oct 2020 14:05

Tgt Ion: 85 Resp: 128756

Ion Ratio Lower Upper

85 100

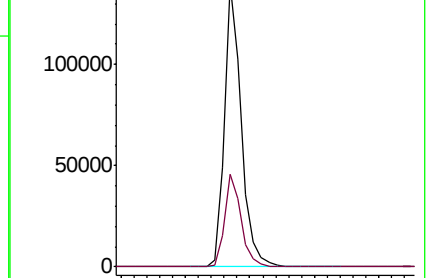
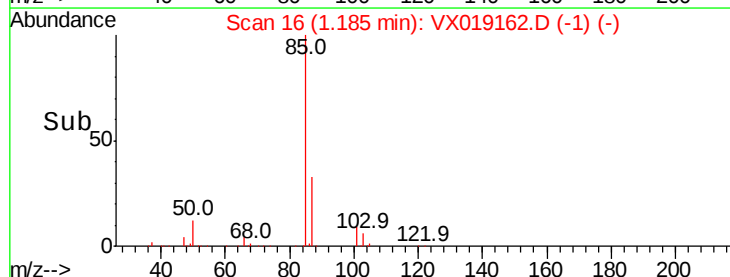
87 33.0 16.6 49.7

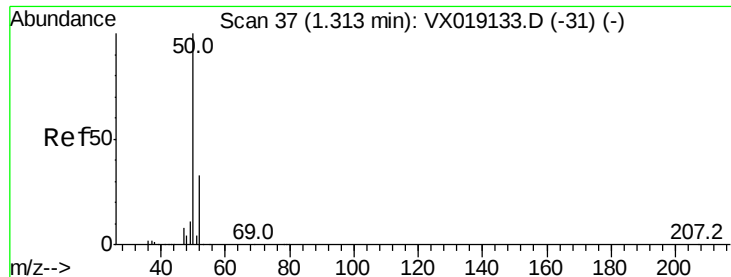


Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18





#3

Chloromethane

Concen: 52.065 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

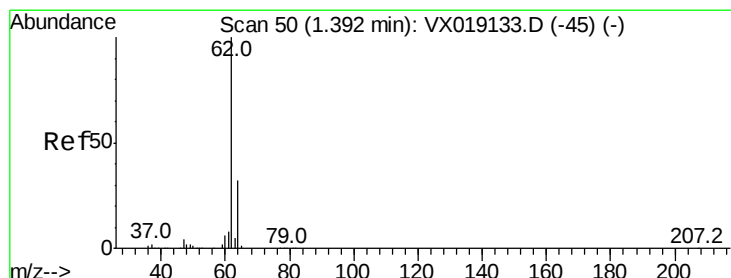
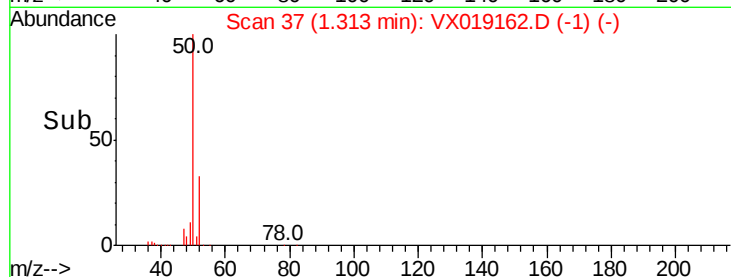
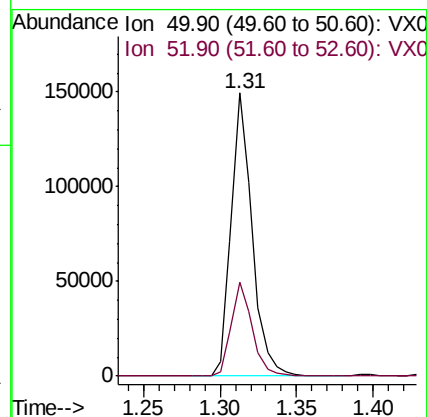
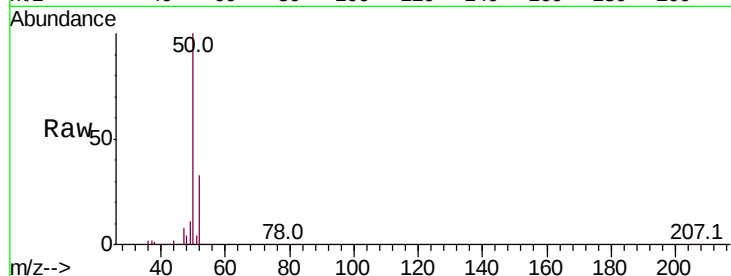
VSTDCCC050EC

Tot Ion: 50 Resp: 142127

Ion Ratio Lower Upper

50 100

52 33.1 26.8 40.2



#4

Vinyl Chloride

Concen: 52.739 ug/l

RT: 1.40 min Scan# 51

Delta R.T. 0.01 min

Lab File: VX019162.D

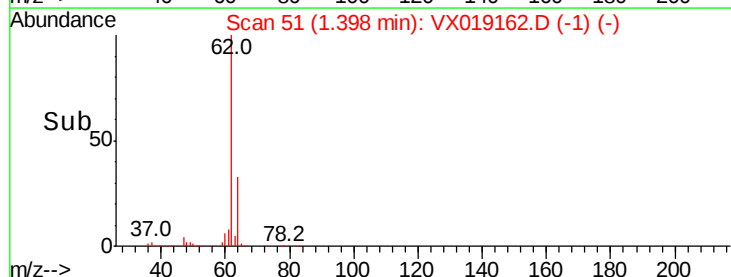
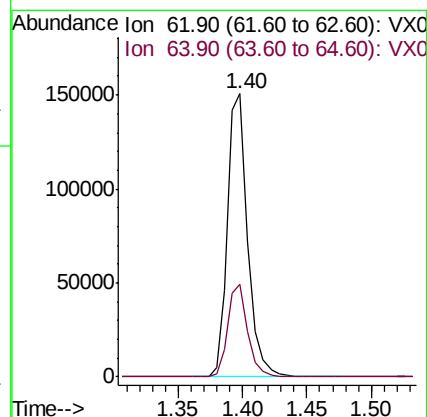
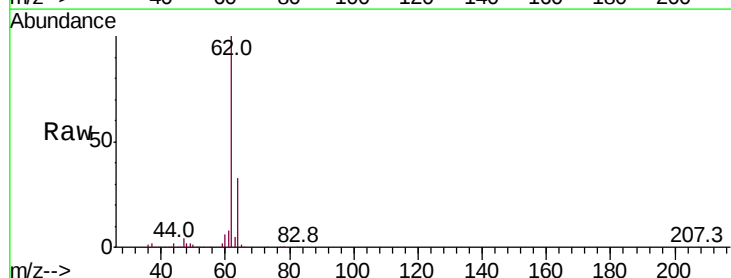
Acq: 28 Oct 2020 14:05

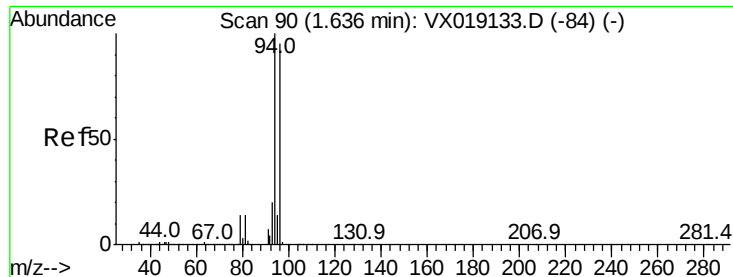
Tgt Ion: 62 Resp: 166960

Ion Ratio Lower Upper

62 100

64 32.6 25.4 38.0





#5

Bromomethane

Concen: 53.254 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.01 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

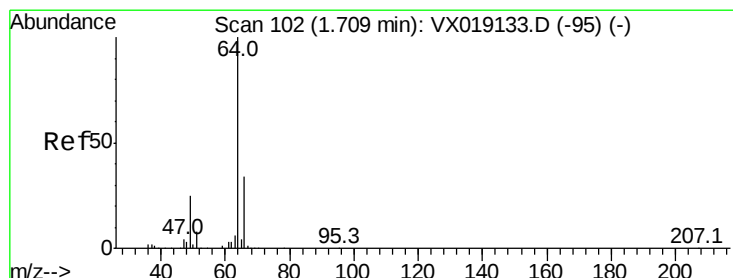
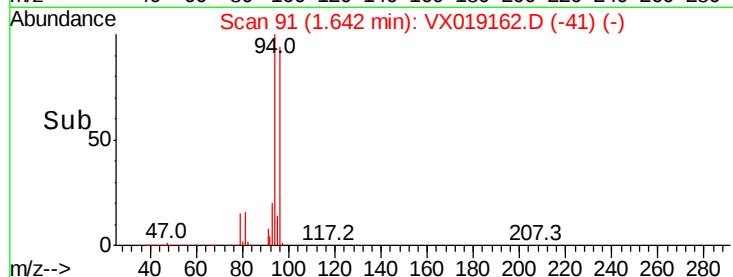
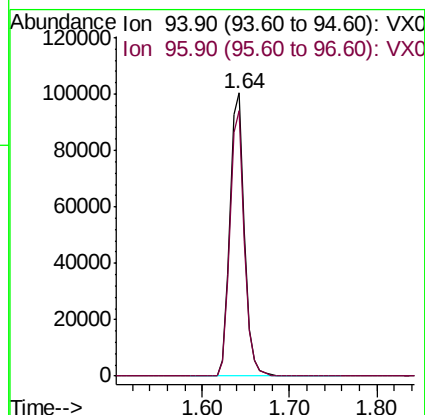
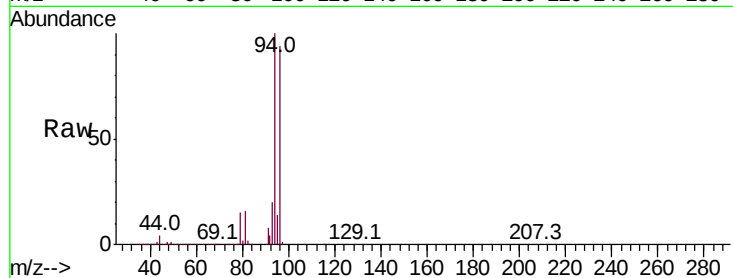
VSTDCCC050EC

Tot Ion: 94 Resp: 115135

Ion Ratio Lower Upper

94 100

96 93.8 76.0 114.0



#6

Chloroethane

Concen: 54.006 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX019162.D

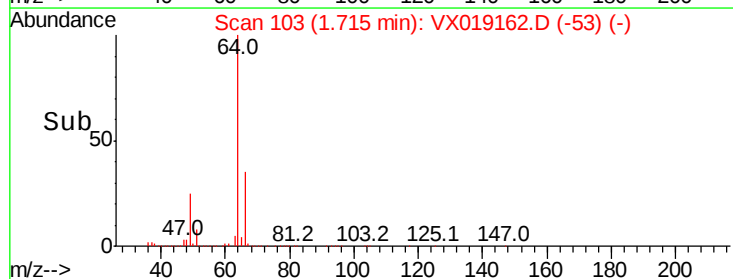
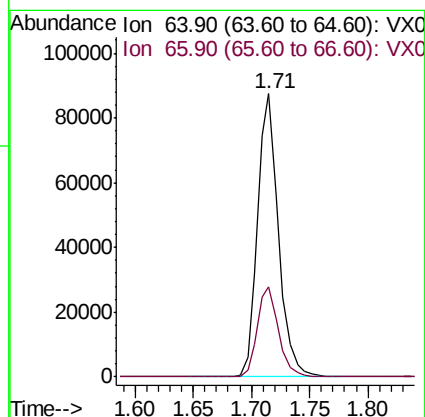
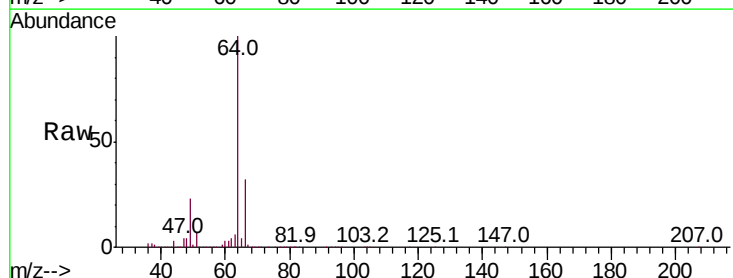
Acq: 28 Oct 2020 14:05

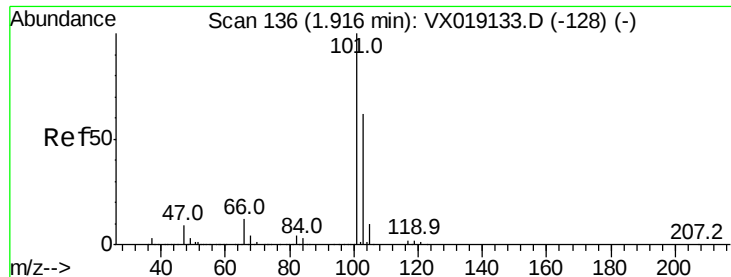
Tgt Ion: 64 Resp: 109161

Ion Ratio Lower Upper

64 100

66 31.8 27.1 40.7



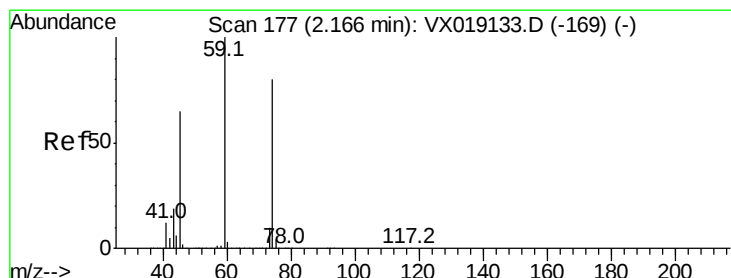
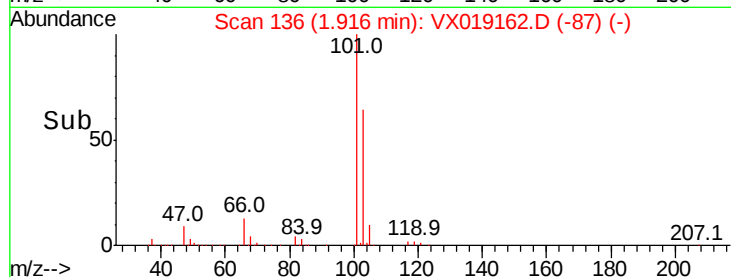
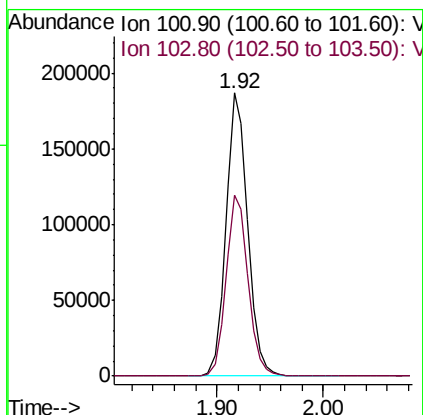
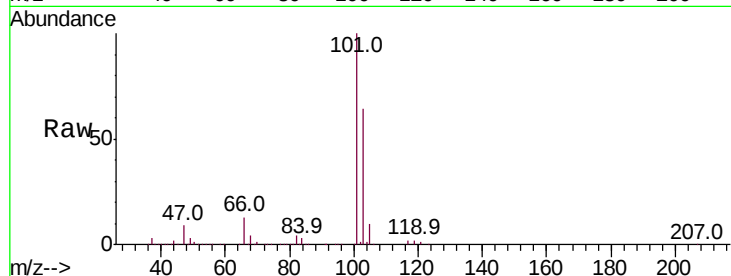


#7

Trichlorofluoromethane
Concen: 53.466 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

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MSVOA_X
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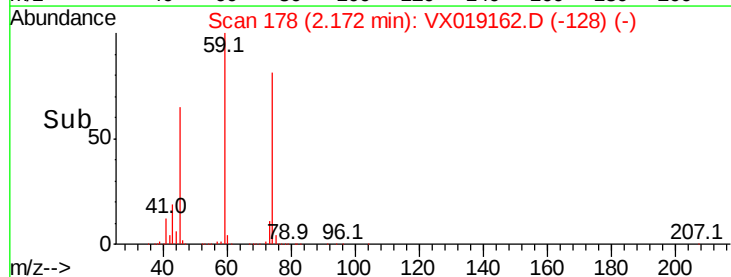
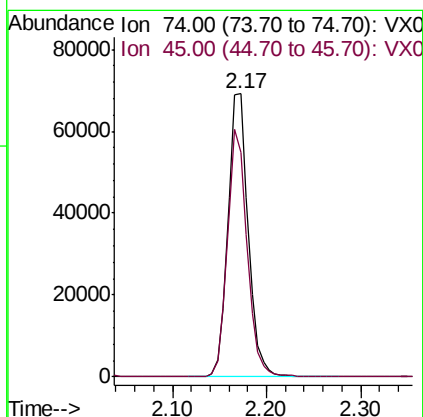
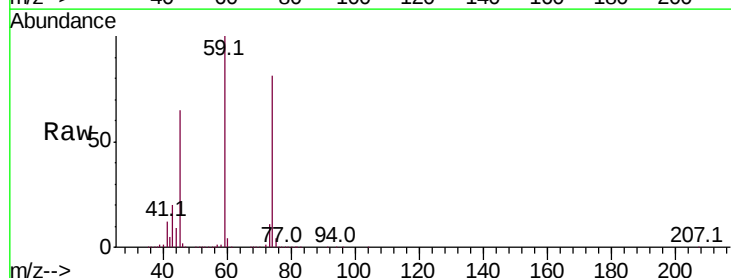
Tot Ion:101 Resp: 265914
Ion Ratio Lower Upper
101 100
103 63.8 50.0 75.0

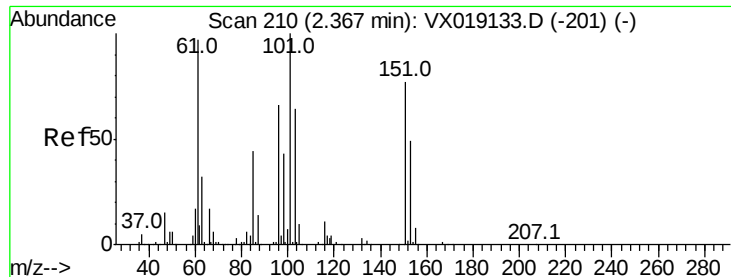


#8

Diethyl Ether
Concen: 54.201 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Tgt Ion: 74 Resp: 103457
Ion Ratio Lower Upper
74 100
45 84.6 41.0 123.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.127 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

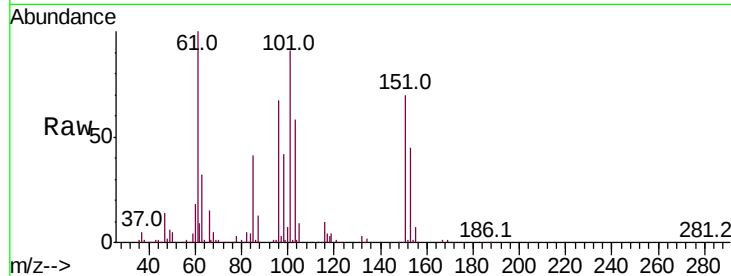
Tot Ion:101 Resp: 149212

Ion Ratio Lower Upper

101 100

85 44.3 35.0 52.4

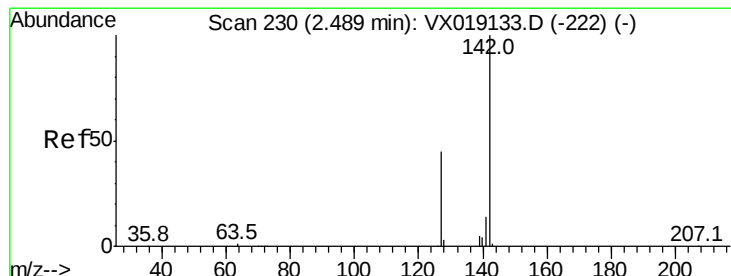
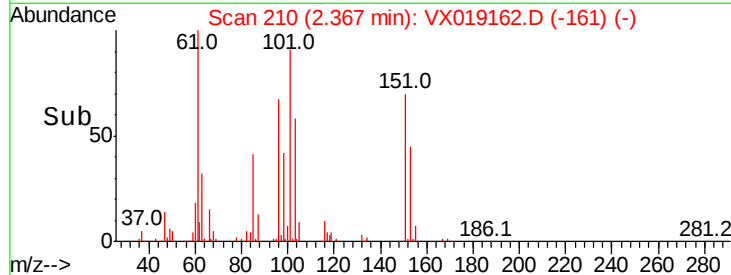
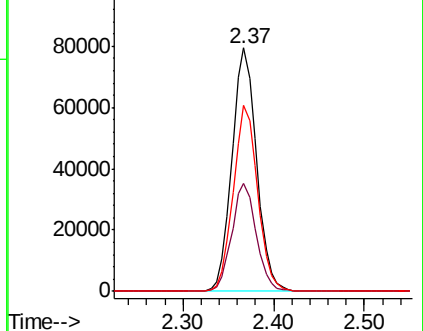
151 75.9 61.4 92.2



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: 52.202 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

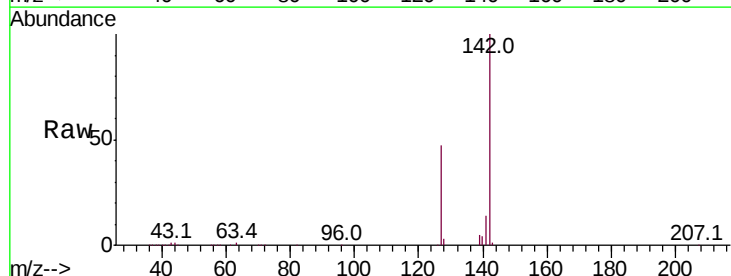
Tgt Ion:142 Resp: 170910

Ion Ratio Lower Upper

142 100

127 45.8 36.1 54.1

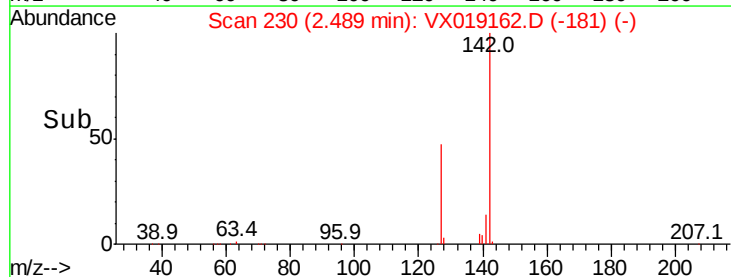
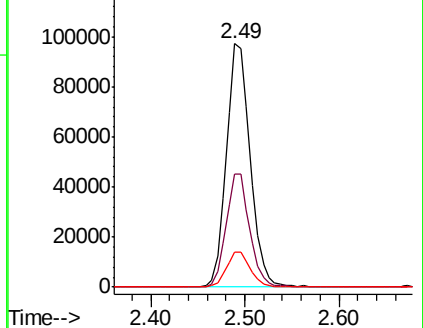
141 14.4 11.3 16.9

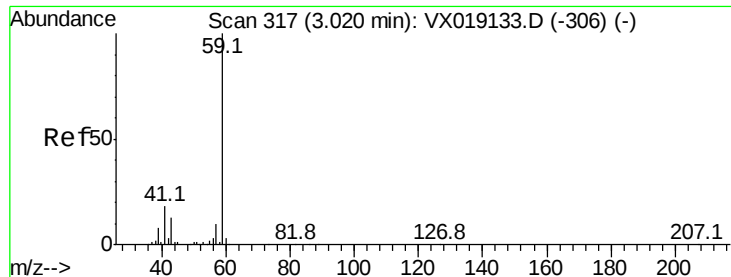


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



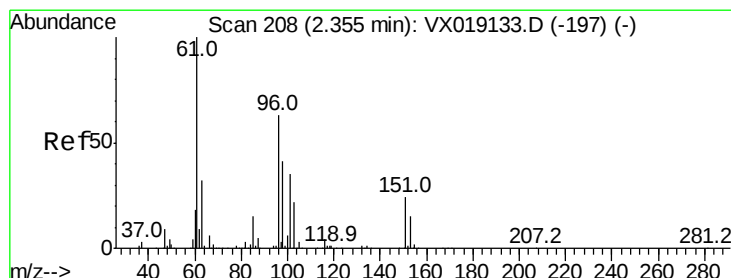
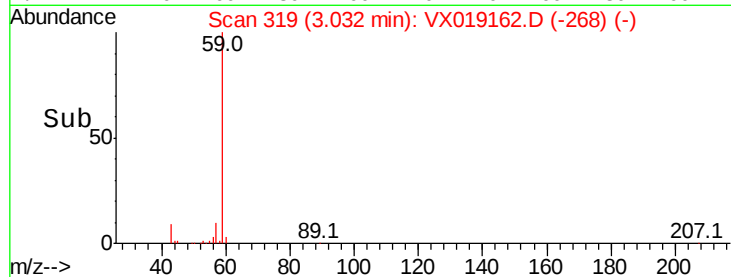
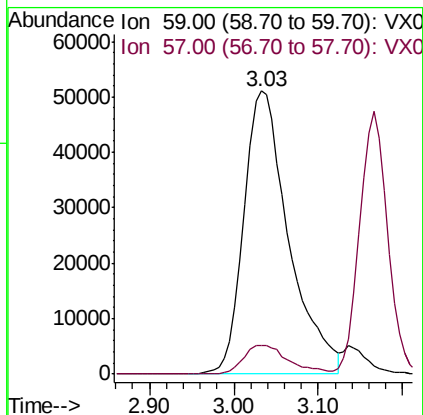
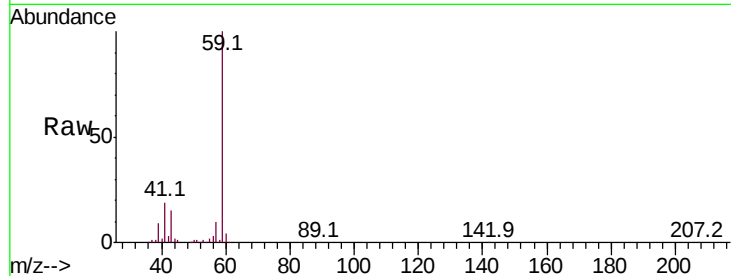


#11

Tert butyl alcohol
Concen: 249.043 ug/l
RT: 3.03 min Scan# 319
Delta R.T. 0.01 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

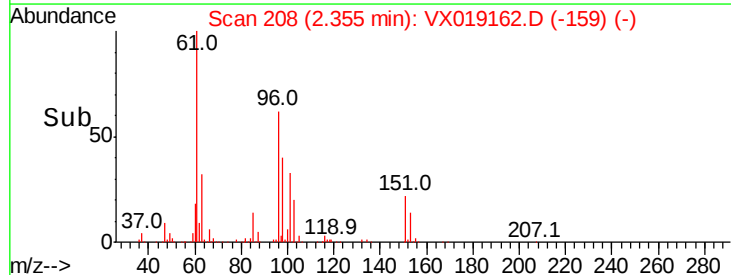
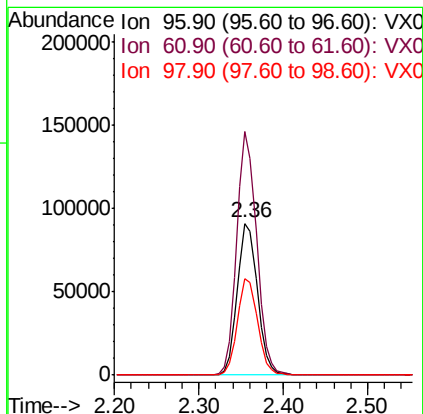
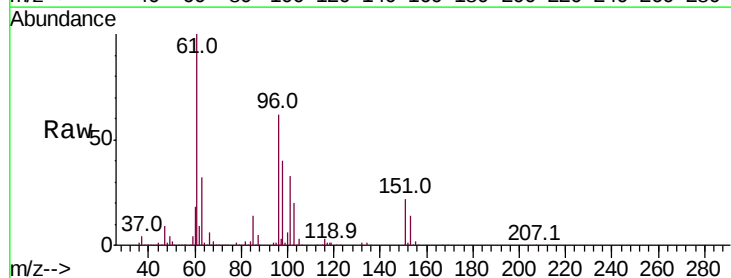
Tot Ion: 59 Resp: 185927
Ion Ratio Lower Upper
59 100
57 10.3 8.4 12.6

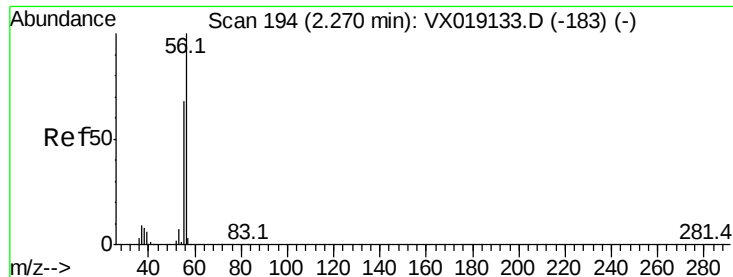


#12

1,1-Dichloroethene
Concen: 51.427 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Tgt Ion: 96 Resp: 146090
Ion Ratio Lower Upper
96 100
61 160.6 127.7 191.5
98 63.9 52.1 78.1





#13

Acrolein

Concen: 252.150 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

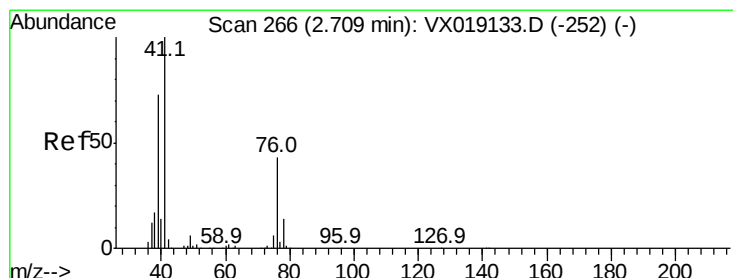
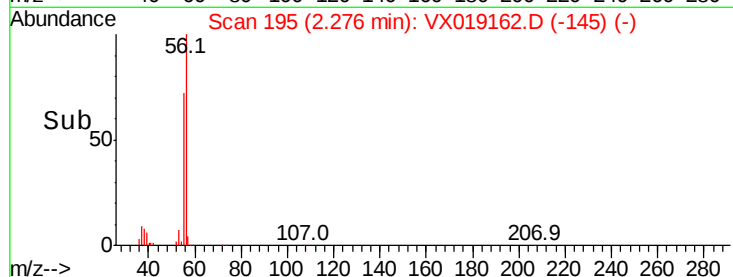
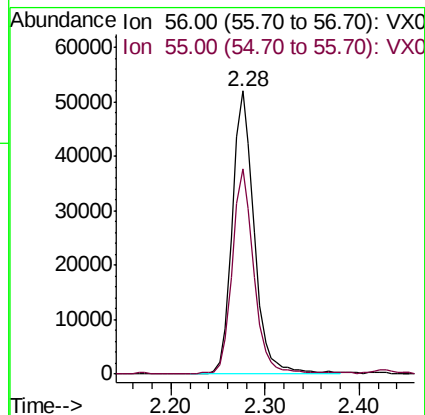
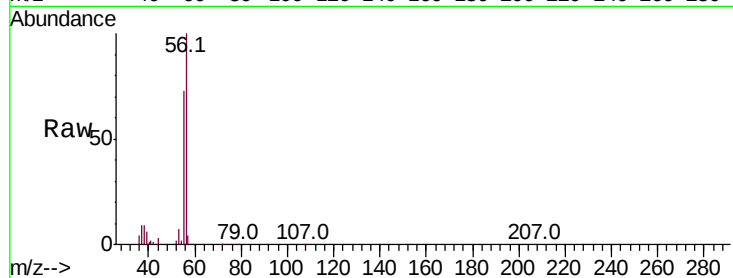
VSTDCCC050EC

Tot Ion: 56 Resp: 84182

Ion Ratio Lower Upper

56 100

55 71.1 54.7 82.1



#14

Allyl chloride

Concen: 53.527 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

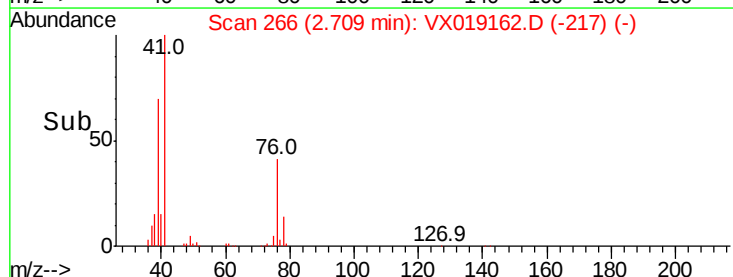
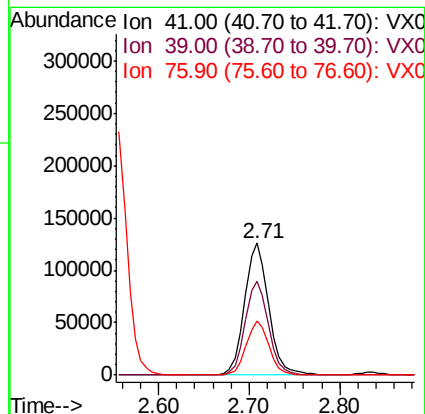
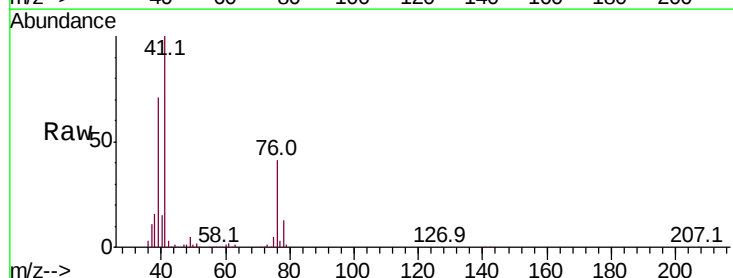
Tgt Ion: 41 Resp: 230312

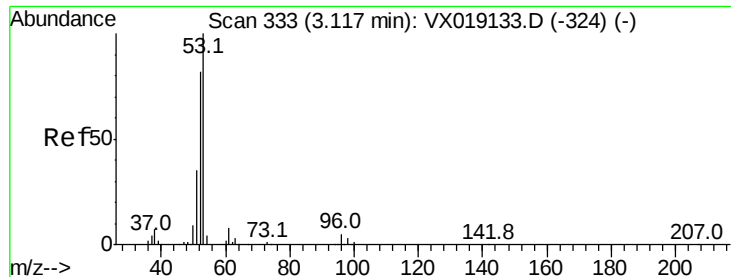
Ion Ratio Lower Upper

41 100

39 68.6 55.2 82.8

76 38.6 31.5 47.3





#15

Acrylonitrile

Concen: 264.062 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

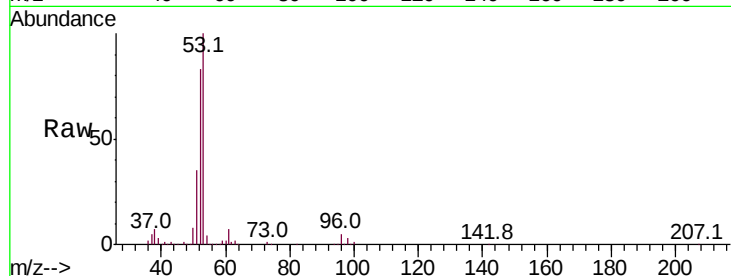
Tot Ion: 53 Resp: 414261

Ion Ratio Lower Upper

53 100

52 82.2 65.7 98.5

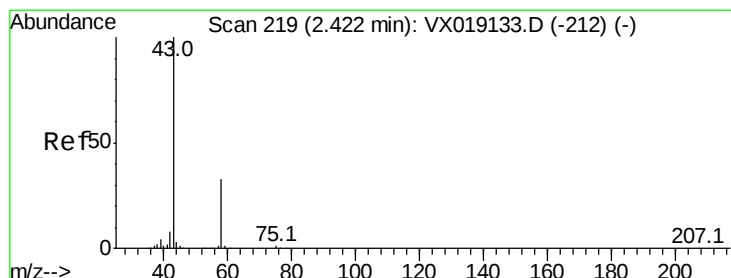
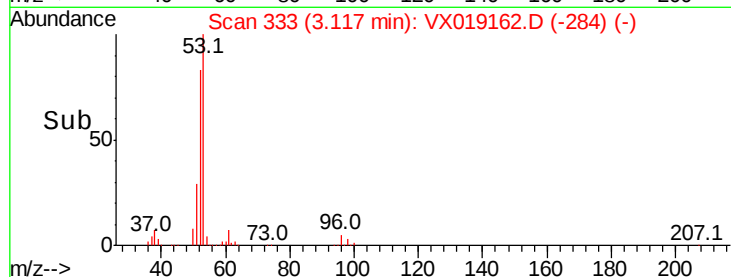
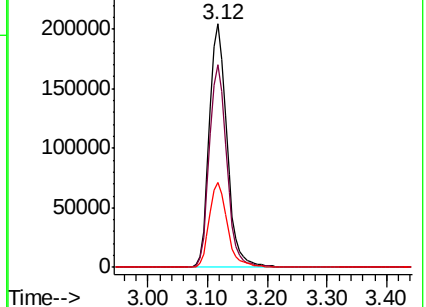
51 35.2 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 274.088 ug/l

RT: 2.43 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX019162.D

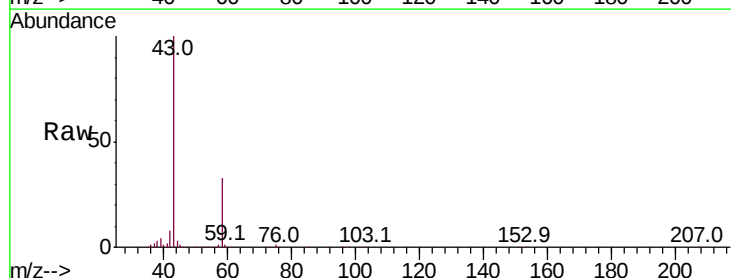
Acq: 28 Oct 2020 14:05

Tgt Ion: 43 Resp: 357403

Ion Ratio Lower Upper

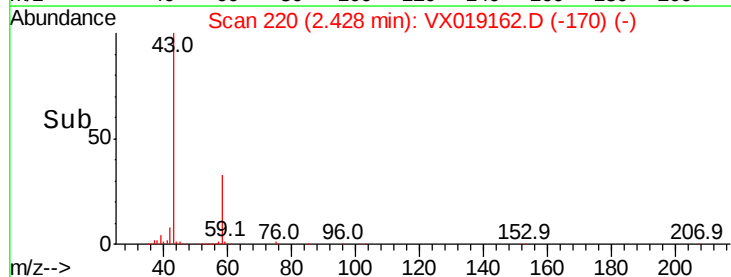
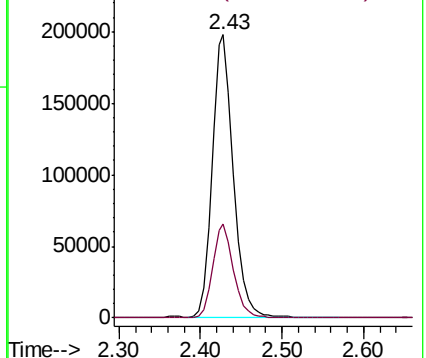
43 100

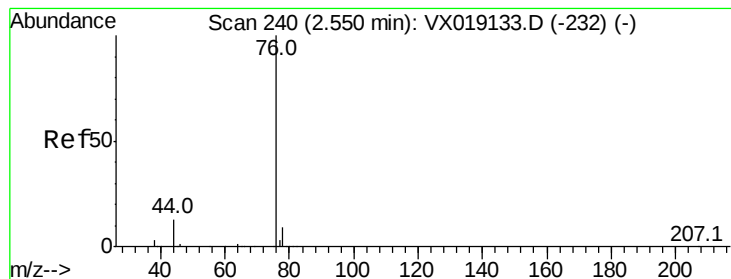
58 33.2 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 49.766 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

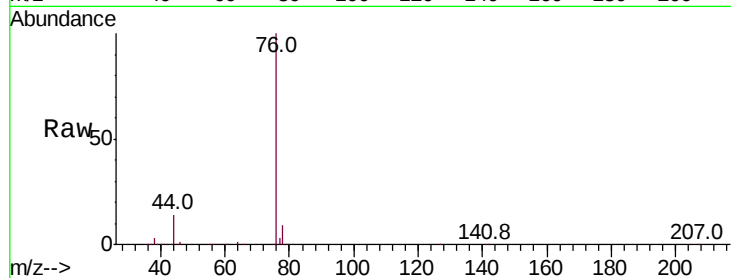
VSTDCCC050EC

Tot Ion: 76 Resp: 402946

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

250000

200000

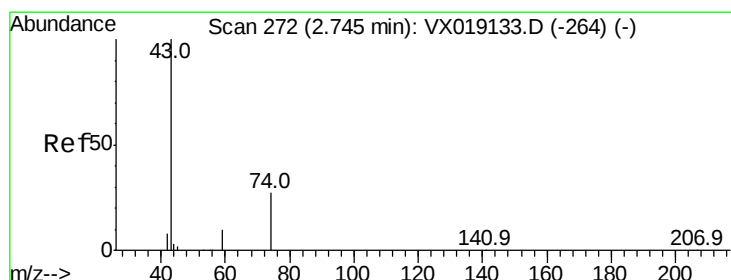
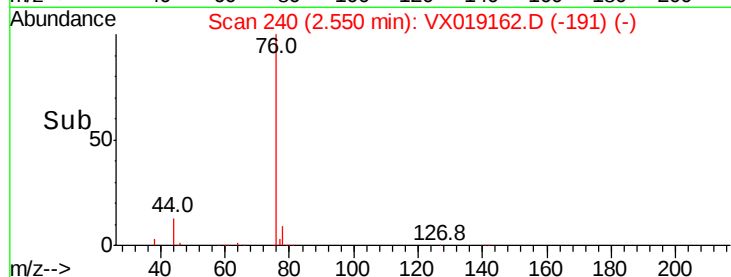
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 51.270 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX019162.D

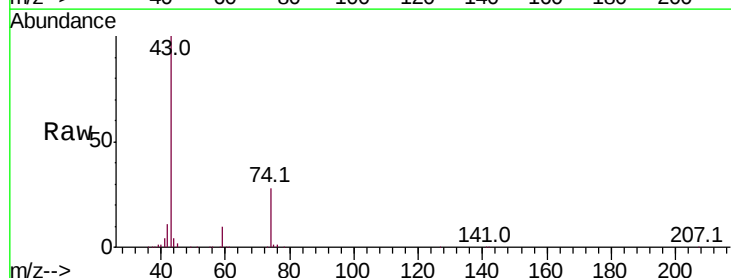
Acq: 28 Oct 2020 14:05

Tgt Ion: 43 Resp: 162572

Ion Ratio Lower Upper

43 100

74 28.0 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

100000

80000

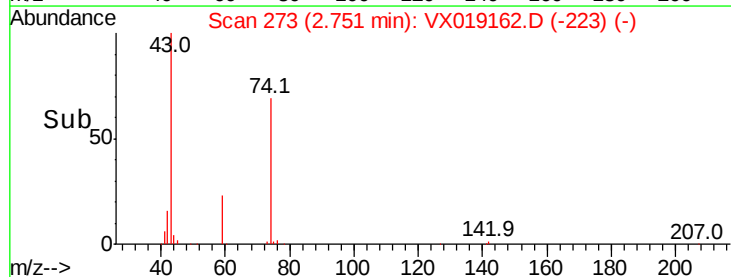
60000

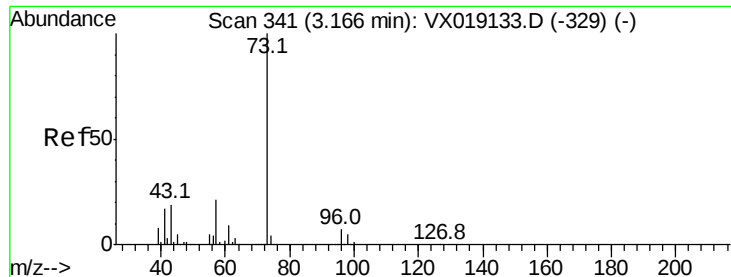
40000

20000

0

Time-->



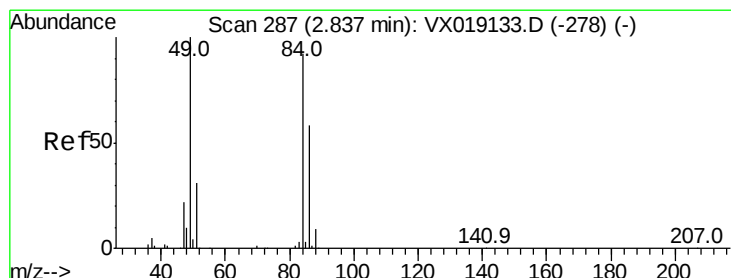
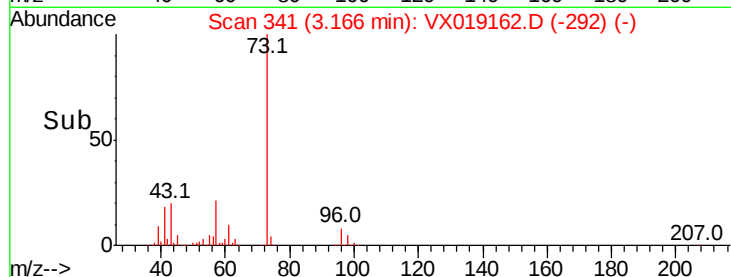
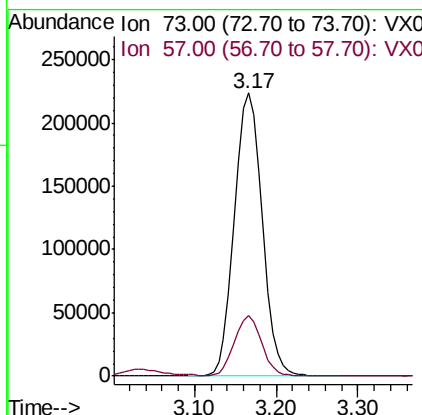
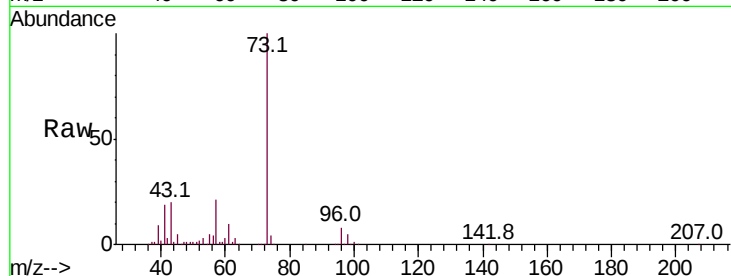


#19

Methyl tert-butyl Ether
 Concen: 53.554 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX019162.D
 Acq: 28 Oct 2020 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

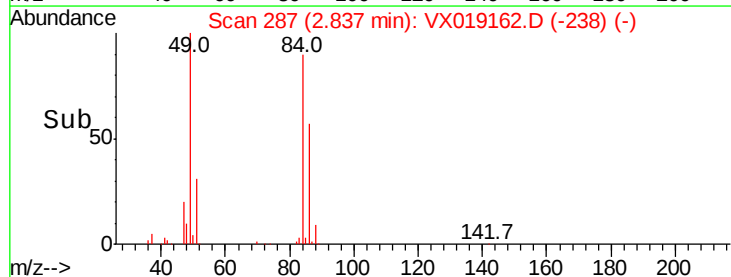
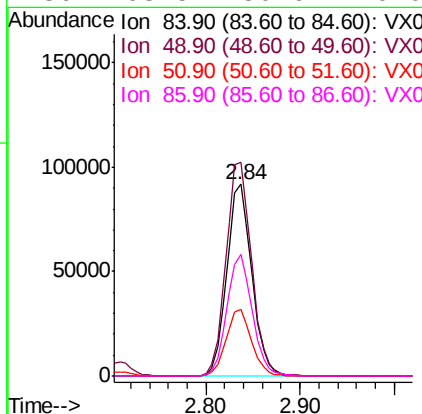
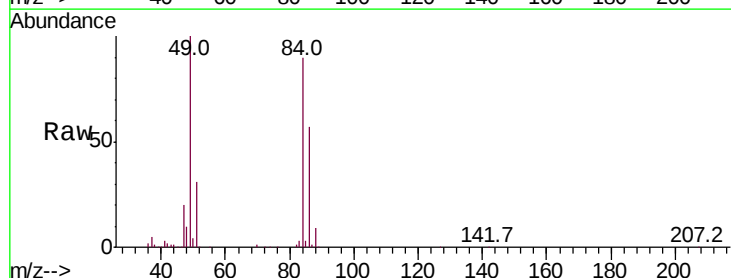
Tot Ion: 73 Resp: 527116
 Ion Ratio Lower Upper
 73 100
 57 21.2 16.6 25.0

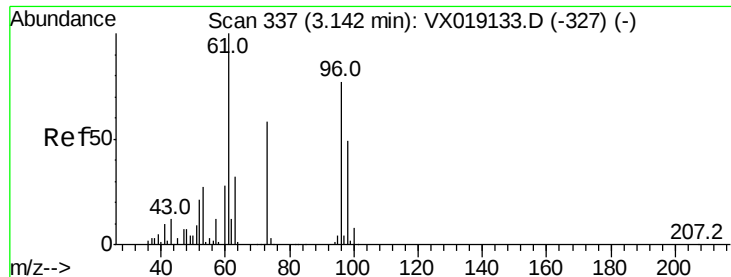


#20

Methylene Chloride
 Concen: 51.747 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX019162.D
 Acq: 28 Oct 2020 14:05

Tgt Ion: 84 Resp: 169403
 Ion Ratio Lower Upper
 84 100
 49 111.3 86.8 130.2
 51 34.5 27.3 40.9
 86 63.5 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 50.424 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

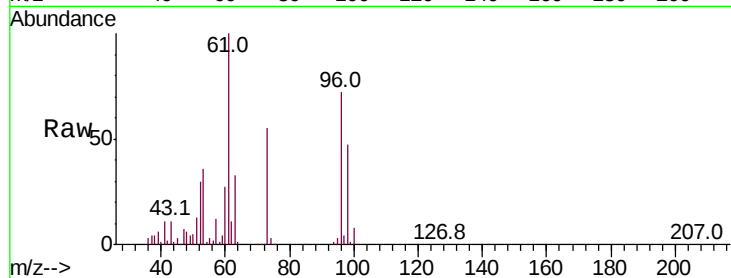
Tot Ion: 96 Resp: 164855

Ion Ratio Lower Upper

96 100

61 138.4 104.2 156.4

98 65.5 51.3 76.9

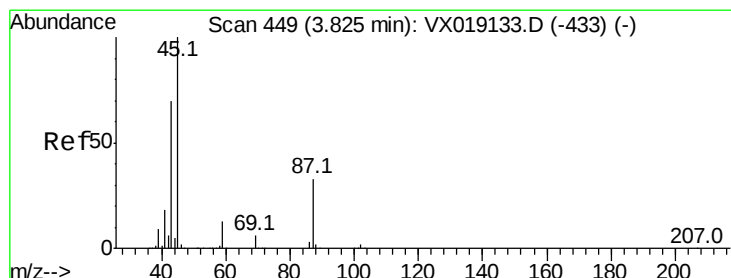
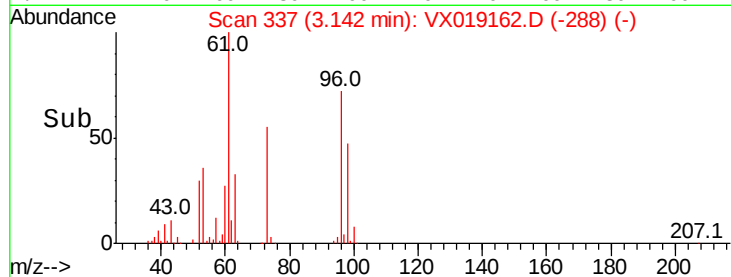
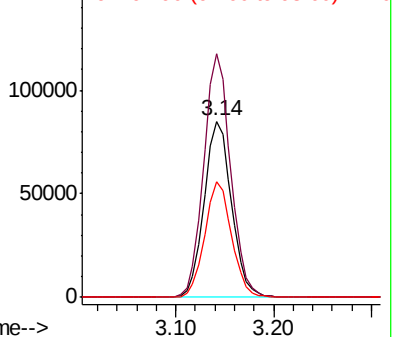


Abundance

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: 55.291 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Tgt Ion: 45 Resp: 474283

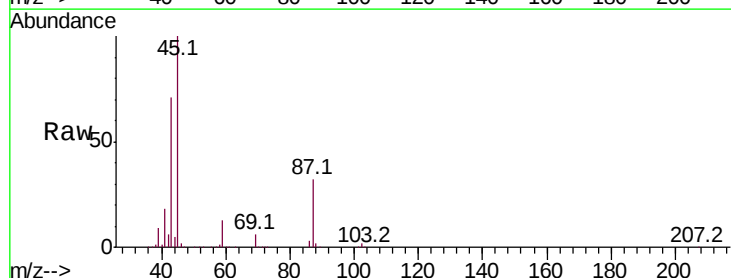
Ion Ratio Lower Upper

45 100

43 70.4 56.2 84.4

87 31.5 26.2 39.2

59 12.7 10.1 15.1



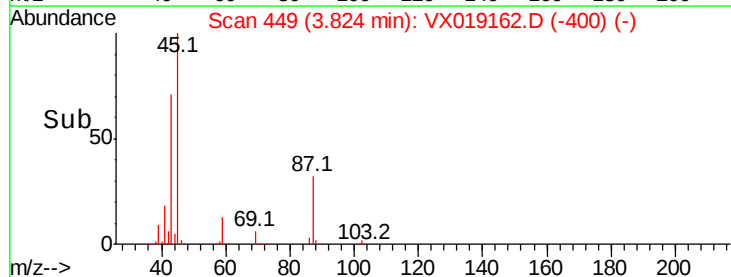
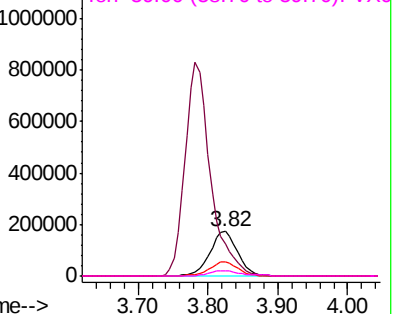
Abundance

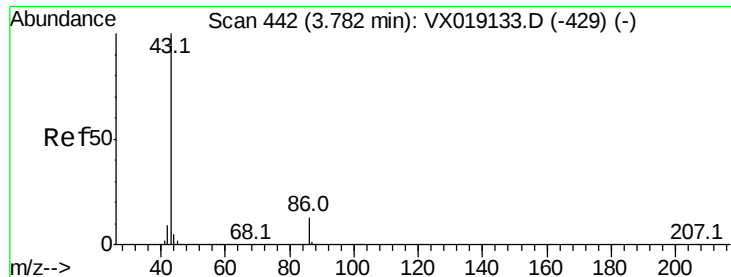
Ion 45.00 (44.70 to 45.70): VX0

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

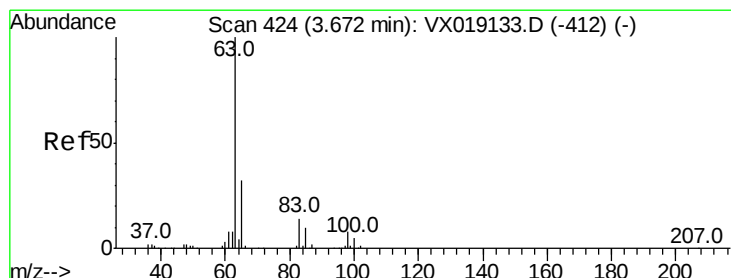
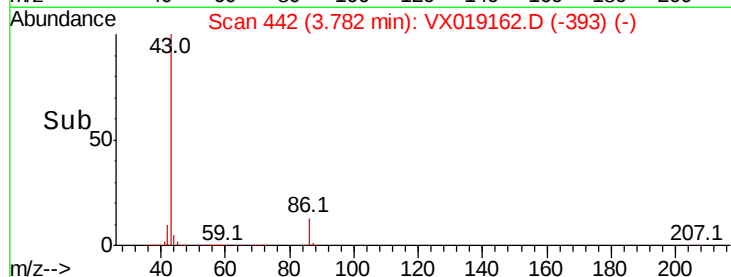
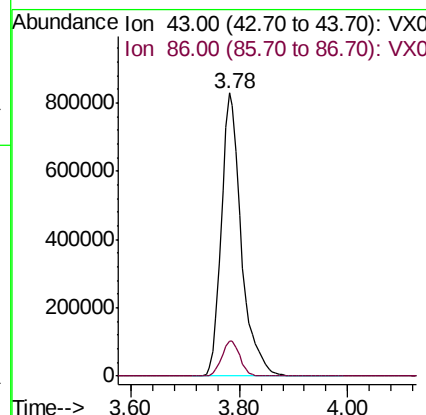
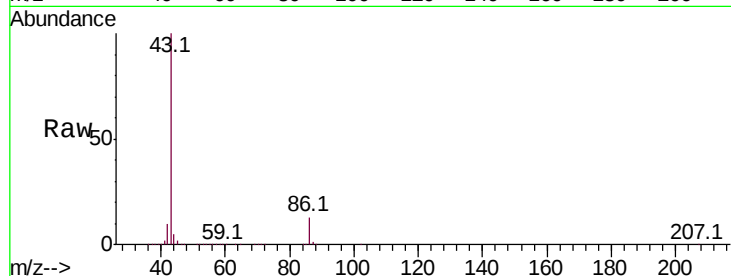




#23
 Vinyl Acetate
 Concen: 275.983 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: VX019162.D
 Acq: 28 Oct 2020 14:05

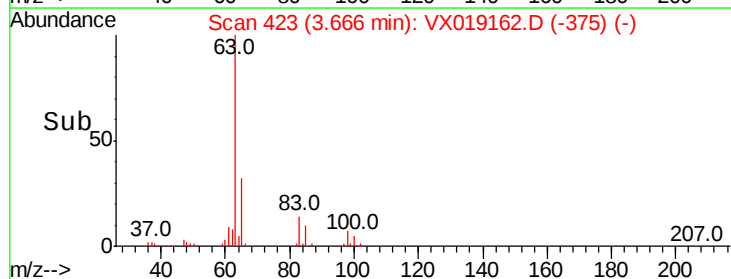
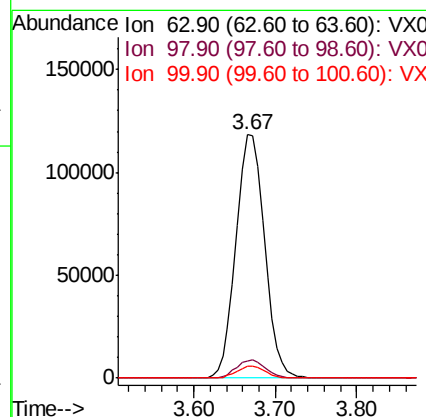
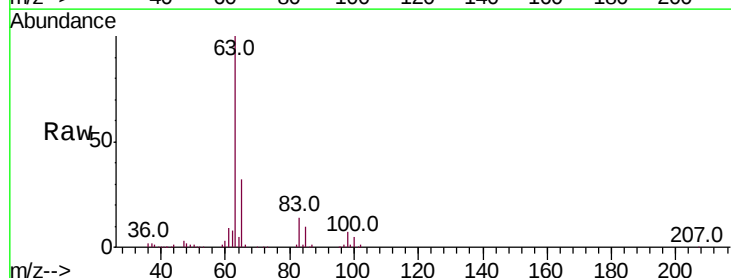
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

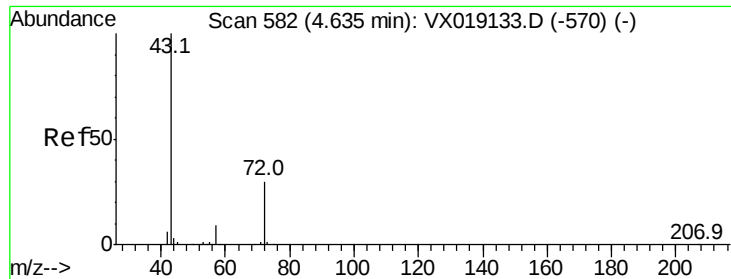
Tot Ion: 43 Resp: 2111107
 Ion Ratio Lower Upper
 43 100
 86 12.6 10.4 15.6



#24
 1,1-Dichloroethane
 Concen: 53.692 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: VX019162.D
 Acq: 28 Oct 2020 14:05

Tgt Ion: 63 Resp: 287558
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.4
 100 4.8 2.4 7.2

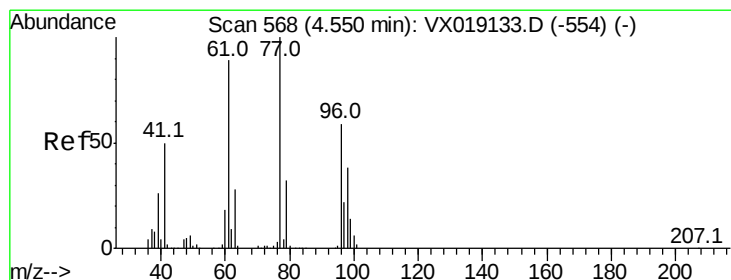
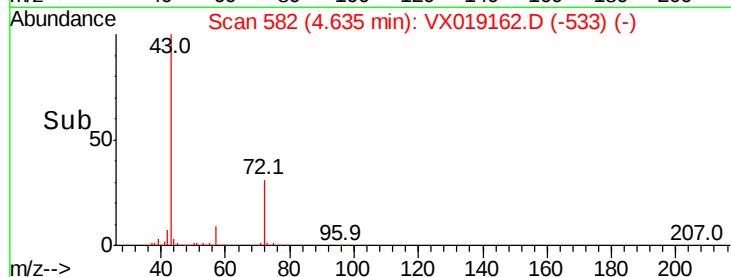
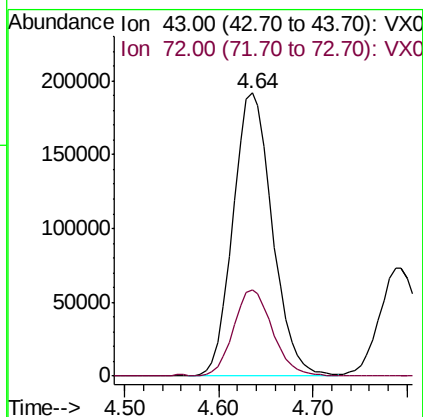
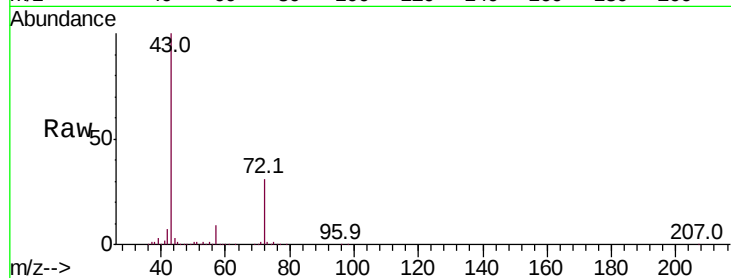




#25
2-Butanone
Concen: 271.757 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

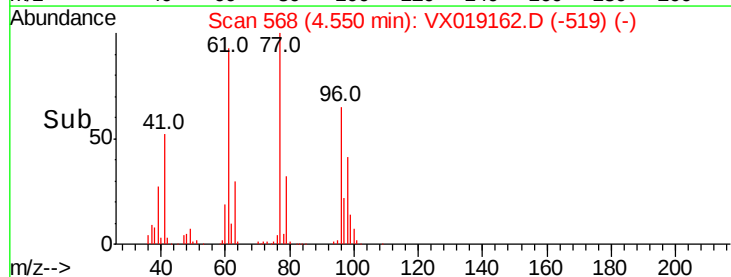
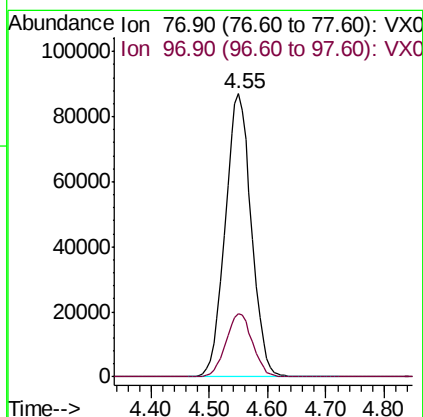
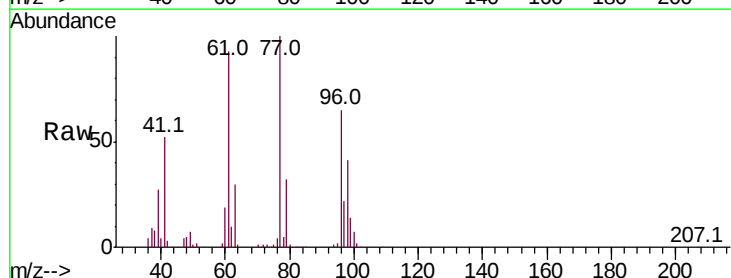
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

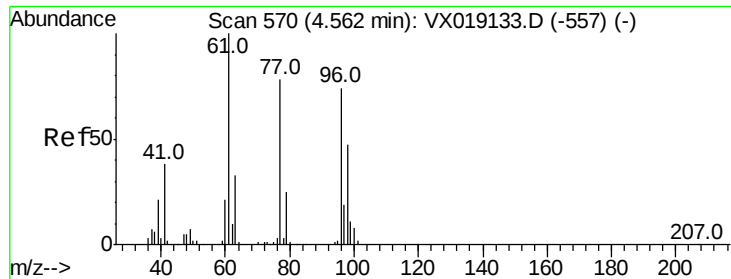
Tot Ion: 43 Resp: 558478
Ion Ratio Lower Upper
43 100
72 30.4 24.6 36.8



#26
2,2-Dichloropropane
Concen: 53.721 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Tgt Ion: 77 Resp: 270479
Ion Ratio Lower Upper
77 100
97 22.6 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 52.327 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

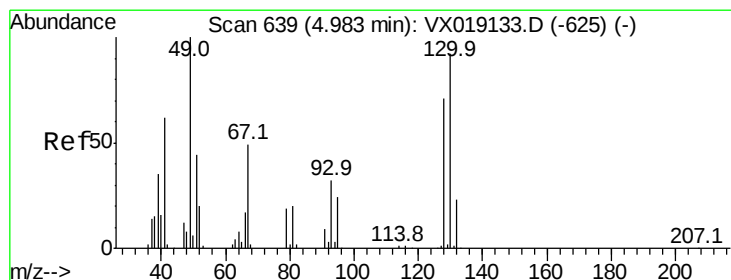
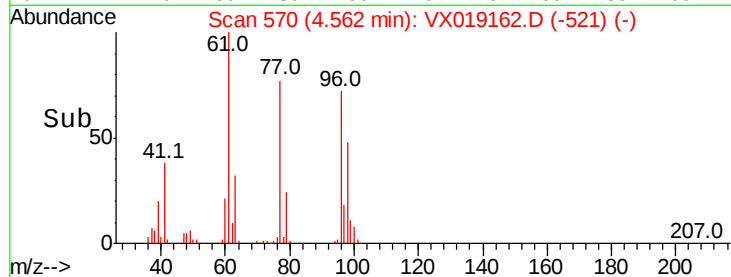
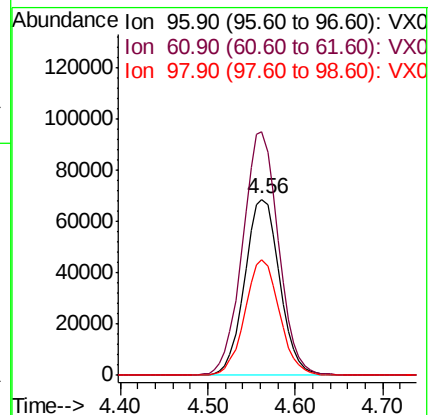
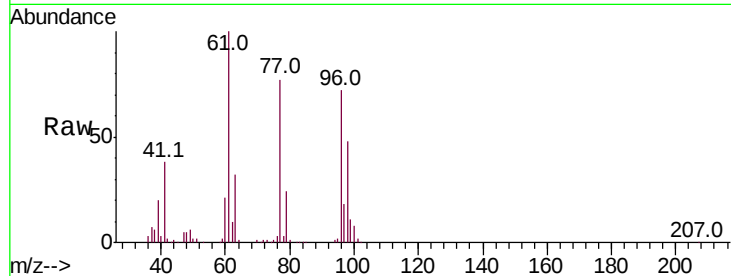
Tot Ion: 96 Resp: 191168

Ion Ratio Lower Upper

96 100

61 142.2 0.0 278.8

98 64.8 0.0 130.2



#28

Bromochloromethane

Concen: 51.087 ug/l

RT: 4.98 min Scan# 638

Delta R.T. -0.01 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

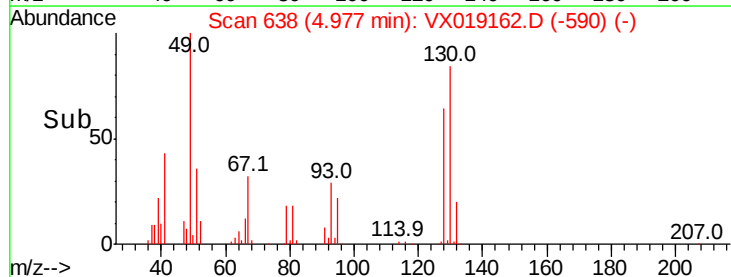
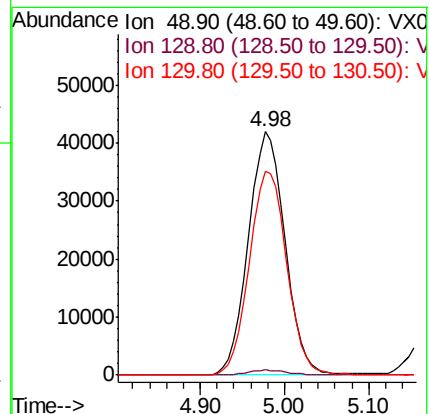
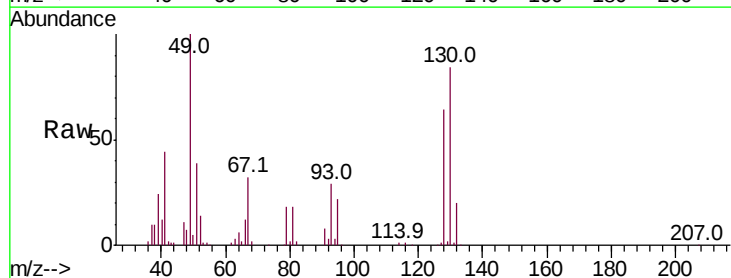
Tgt Ion: 49 Resp: 124386

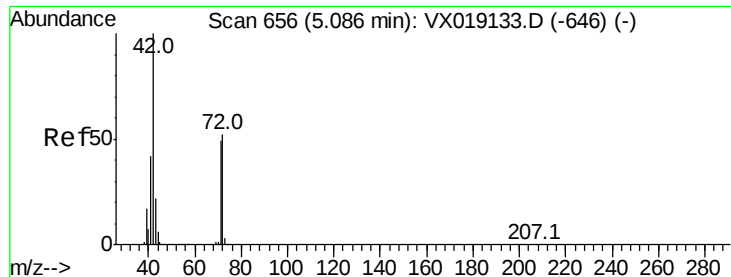
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.4

130 85.5 71.3 106.9





#29

Tetrahydrofuran

Concen: 272.149 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

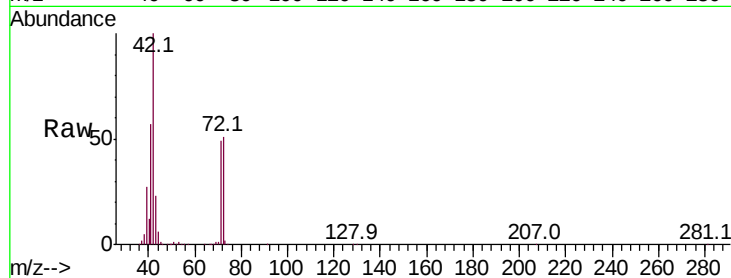
Tot Ion: 42 Resp: 352456

Ion Ratio Lower Upper

42 100

72 52.2 42.6 63.8

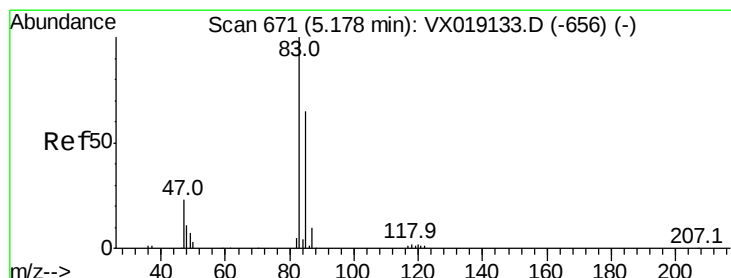
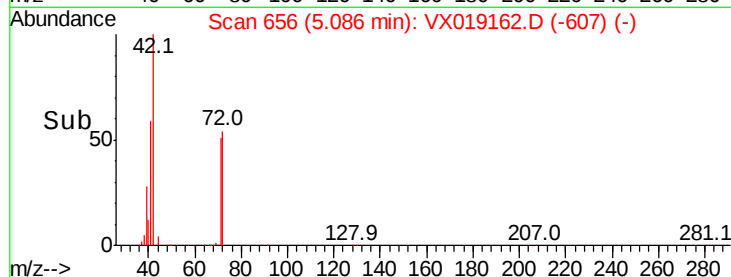
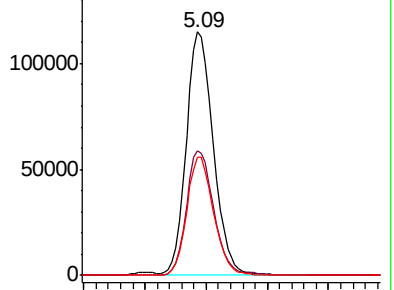
71 48.5 39.7 59.5



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 53.889 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX019162.D

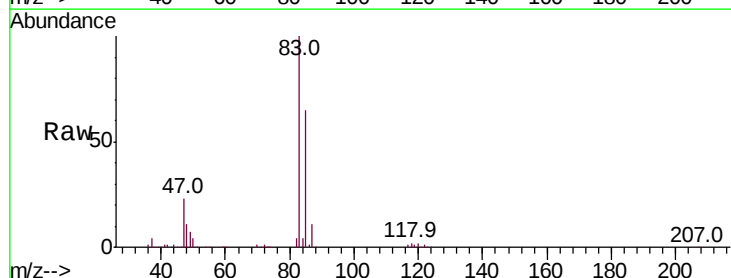
Acq: 28 Oct 2020 14:05

Tgt Ion: 83 Resp: 307206

Ion Ratio Lower Upper

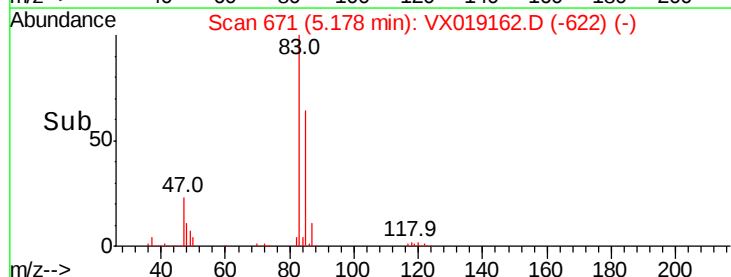
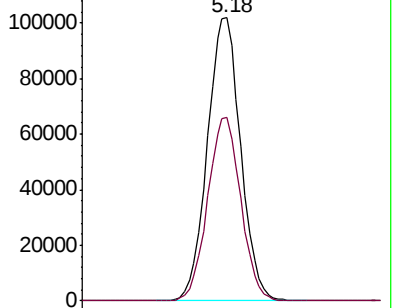
83 100

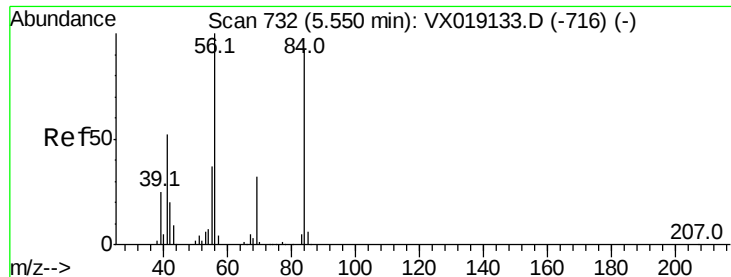
85 64.7 51.9 77.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

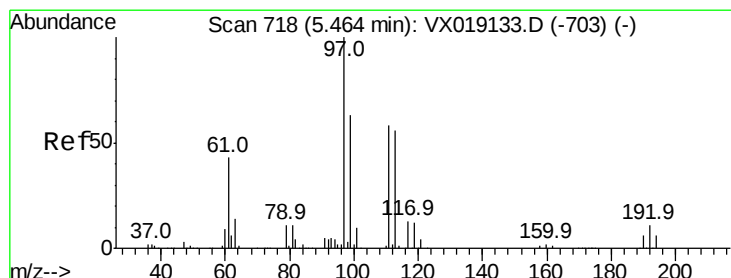
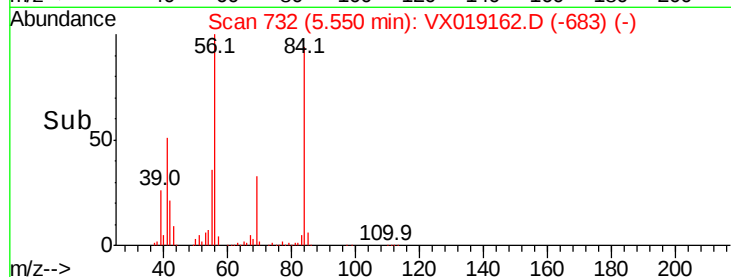
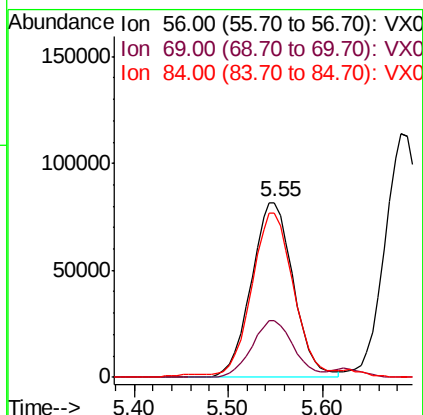
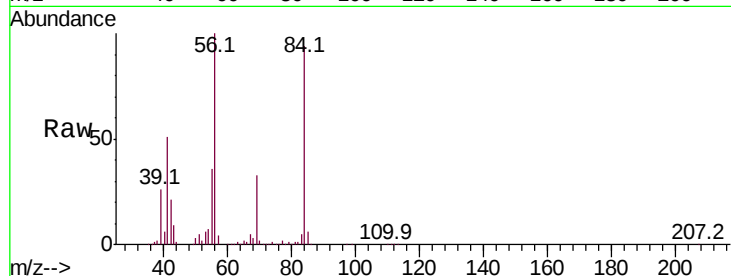




#31
Cyclohexane
Concen: 53.358 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

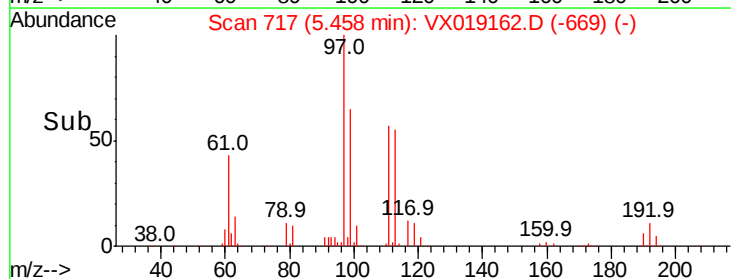
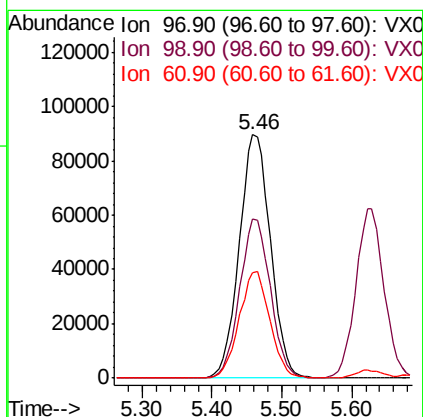
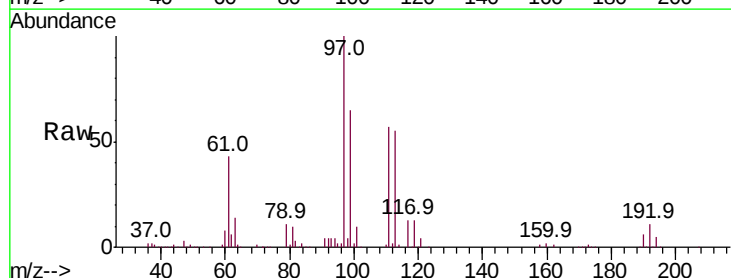
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

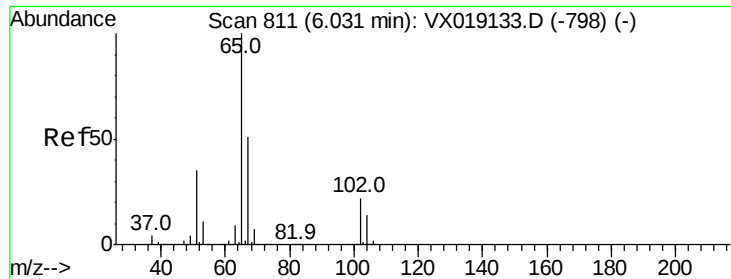
Tot Ion: 56 Resp: 254941
Ion Ratio Lower Upper
56 100
69 32.7 25.9 38.9
84 92.1 73.4 110.2



#32
1,1,1-Trichloroethane
Concen: 53.805 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Tgt Ion: 97 Resp: 278090
Ion Ratio Lower Upper
97 100
99 64.4 51.7 77.5
61 43.0 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 47.790 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

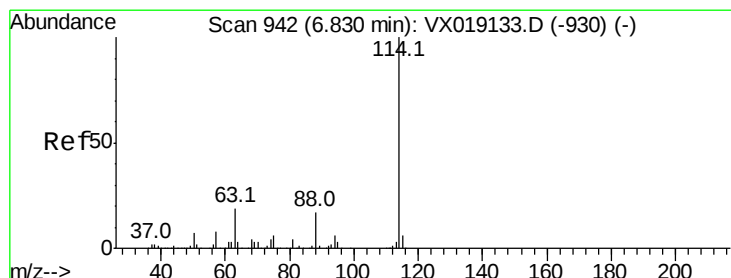
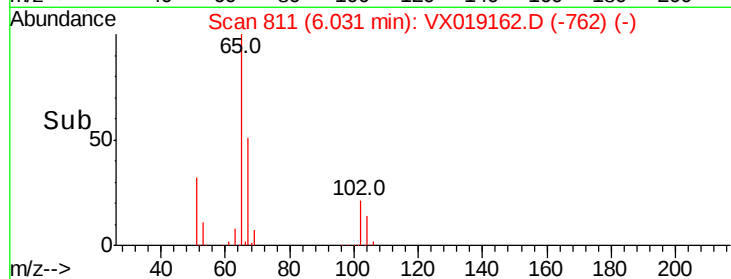
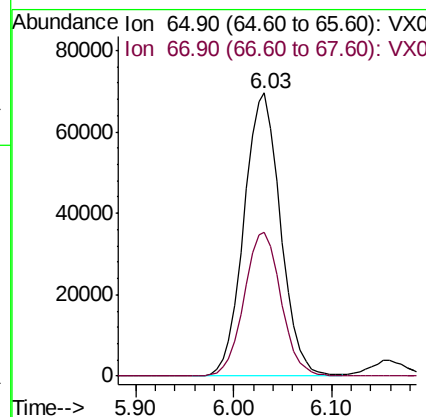
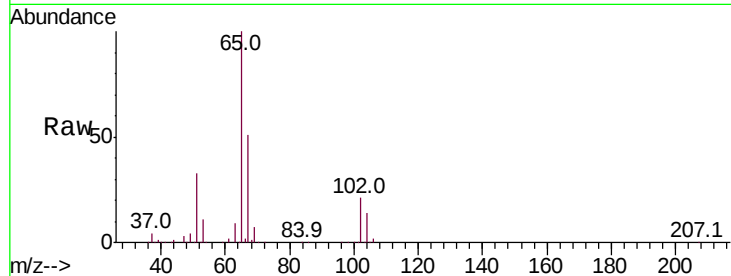
Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 65 Resp: 180638

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

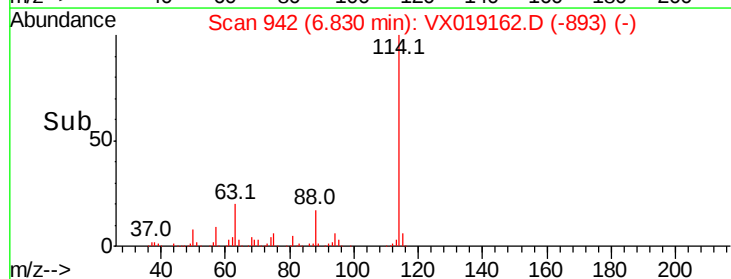
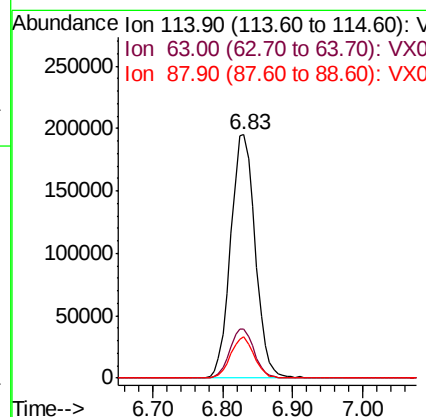
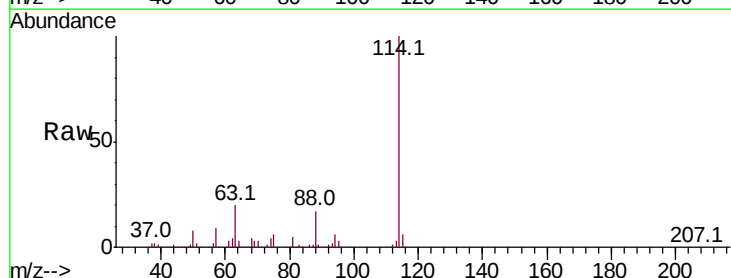
Delta R.T. -0.00 min

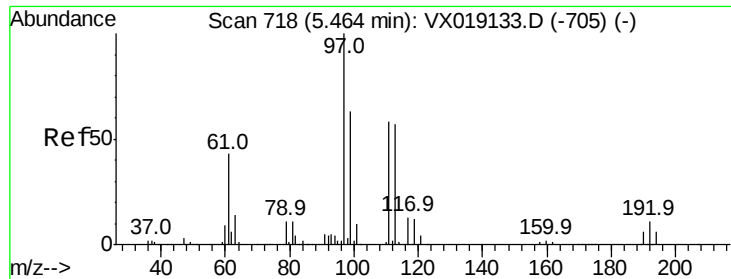
Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Tgt Ion: 114 Resp: 476680

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	38.8
88	16.8	0.0	34.2

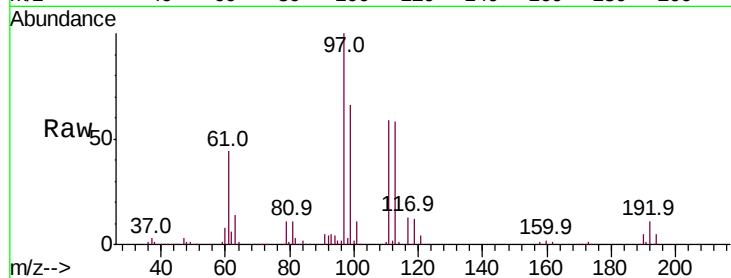




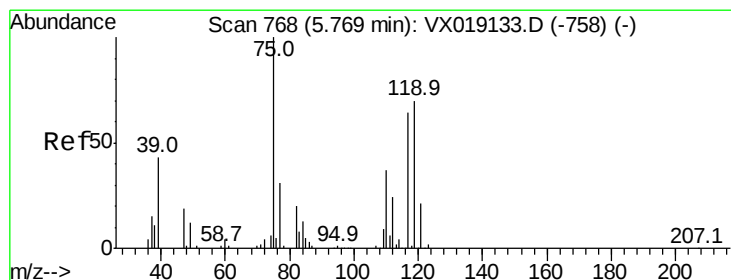
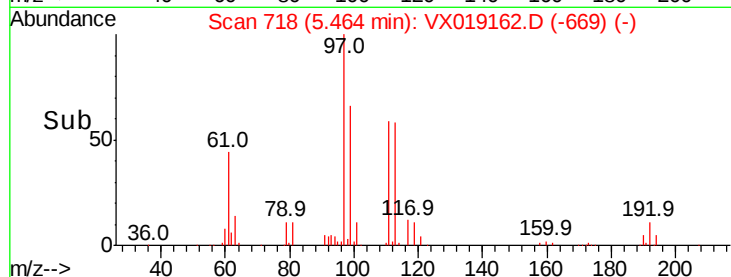
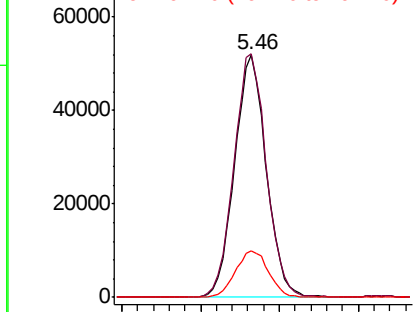
#35
Dibromofluoromethane
Concen: 48.361 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:113 Resp: 144801
Ion Ratio Lower Upper
113 100
111 102.7 82.3 123.5
192 20.2 16.2 24.2

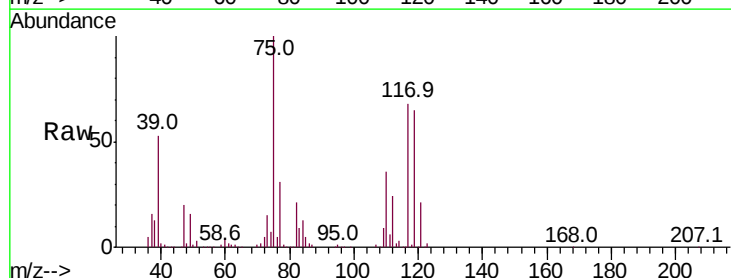


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

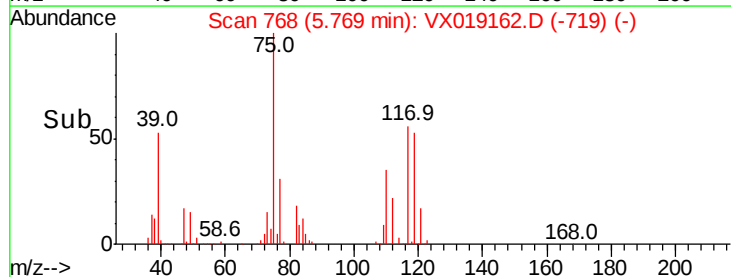
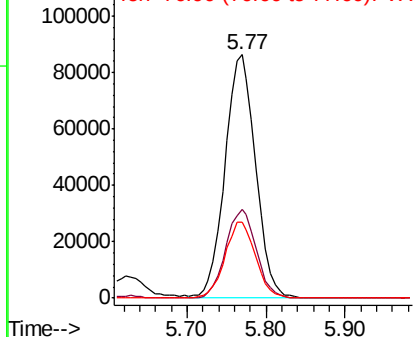


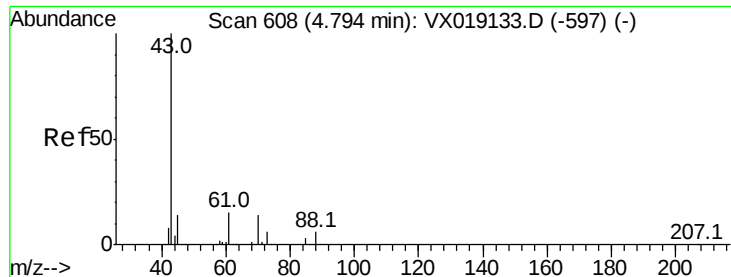
#36
1,1-Dichloropropene
Concen: 52.776 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Tgt Ion: 75 Resp: 232311
Ion Ratio Lower Upper
75 100
110 36.5 18.3 54.9
77 31.0 24.9 37.3



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

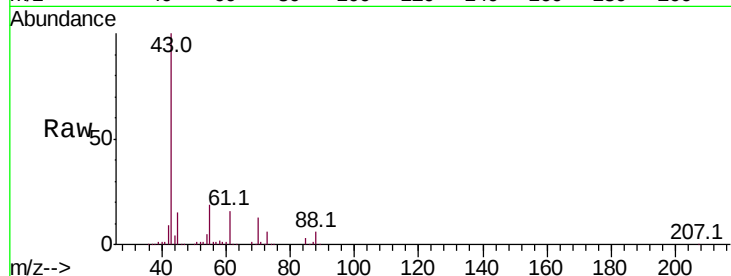




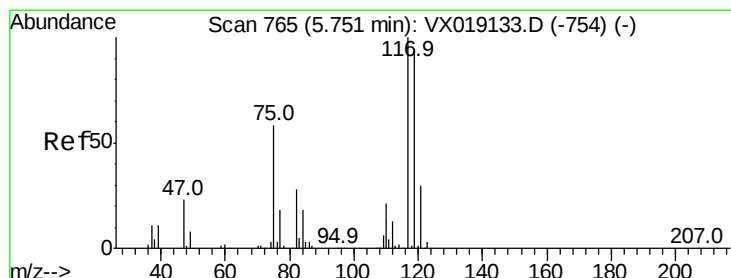
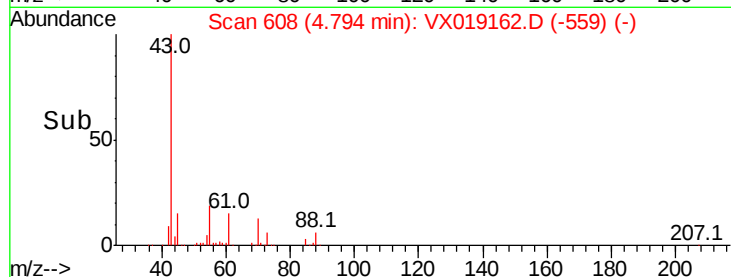
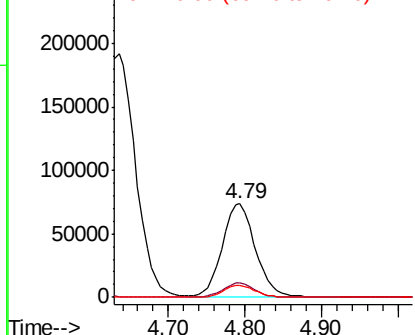
#37
Ethyl Acetate
Concen: 53.987 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 220640
Ion Ratio Lower Upper
43 100
61 15.2 12.5 18.7
70 12.6 10.5 15.7

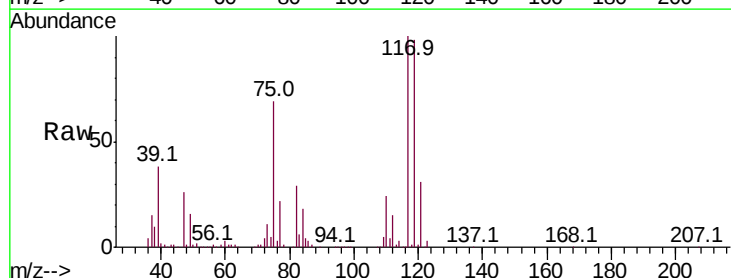


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

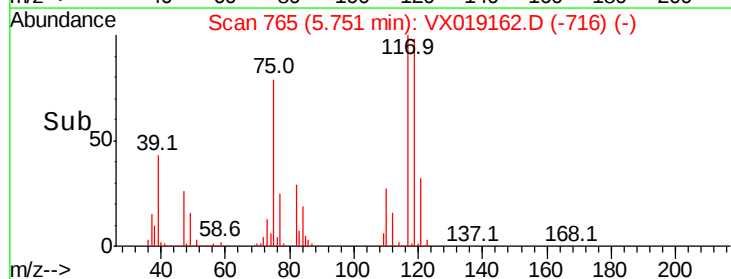
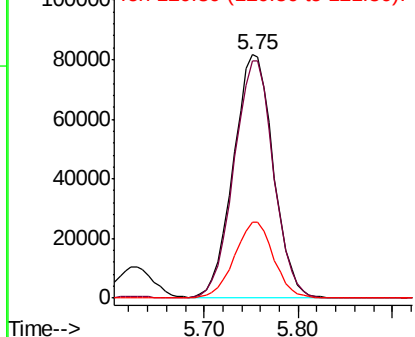


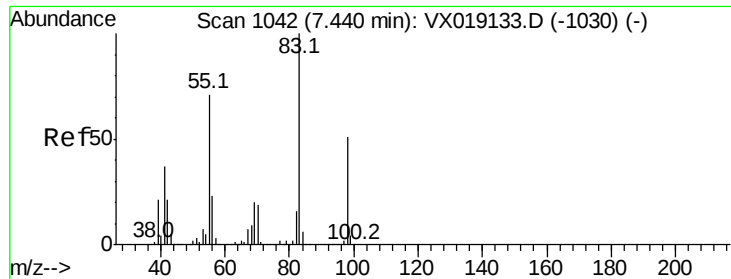
#38
Carbon Tetrachloride
Concen: 53.739 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Tgt Ion: 117 Resp: 241113
Ion Ratio Lower Upper
117 100
119 97.5 75.0 112.6
121 31.1 23.9 35.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

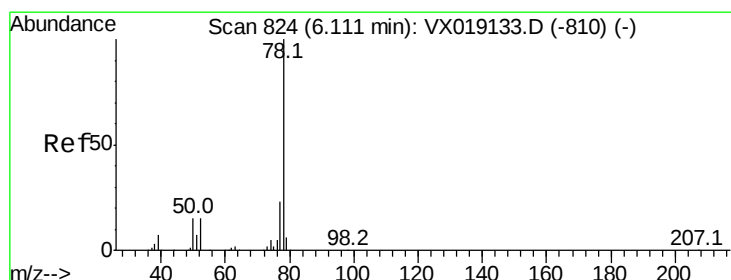
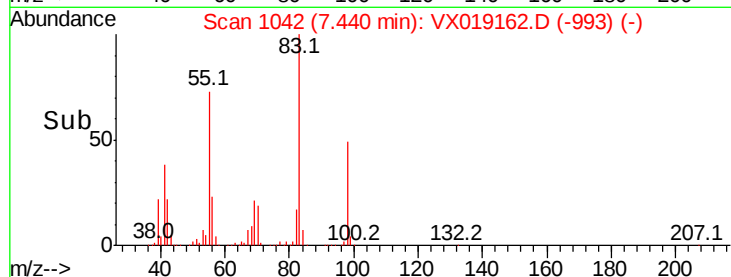
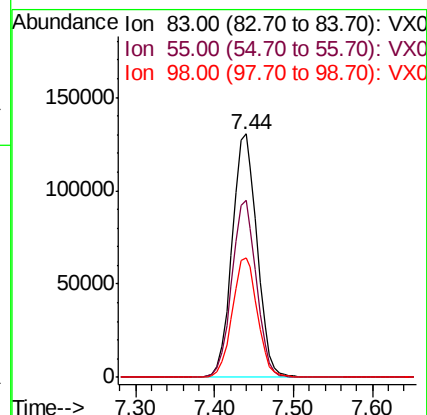
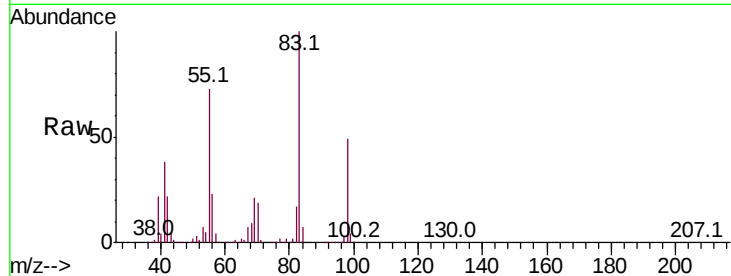




#39
Methvlcvclohexane
Concen: 54.359 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

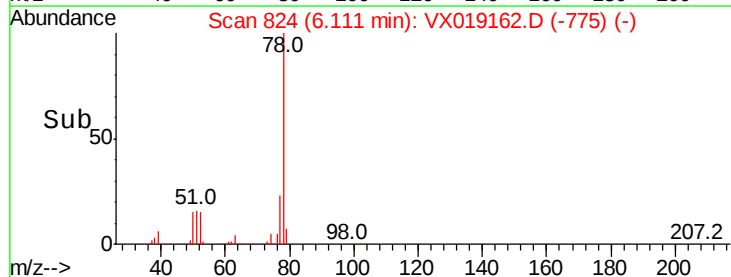
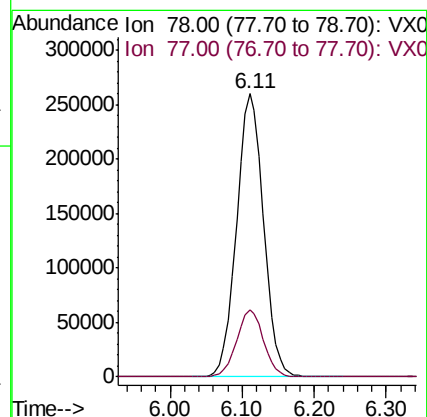
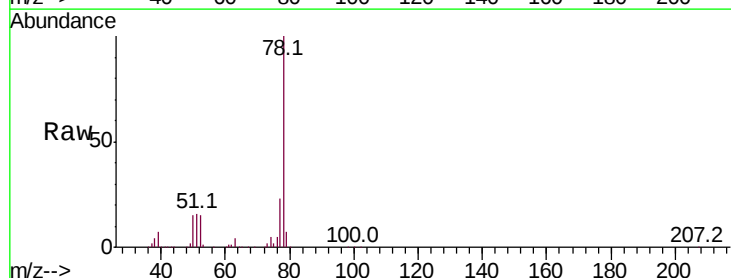
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

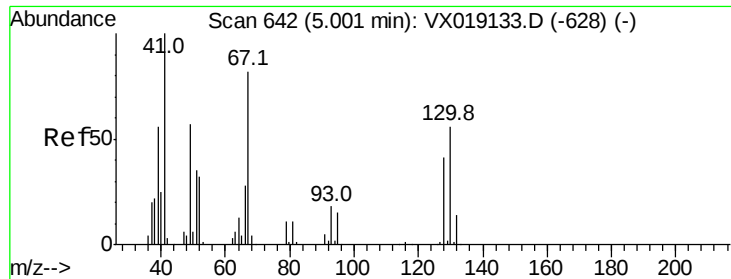
Tot Ion: 83 Resp: 286104
Ion Ratio Lower Upper
83 100
55 72.9 57.0 85.6
98 49.0 40.5 60.7



#40
Benzene
Concen: 54.094 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Tgt Ion: 78 Resp: 675122
Ion Ratio Lower Upper
78 100
77 23.5 18.7 28.1

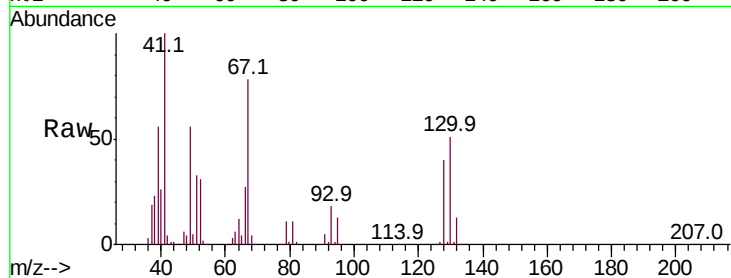




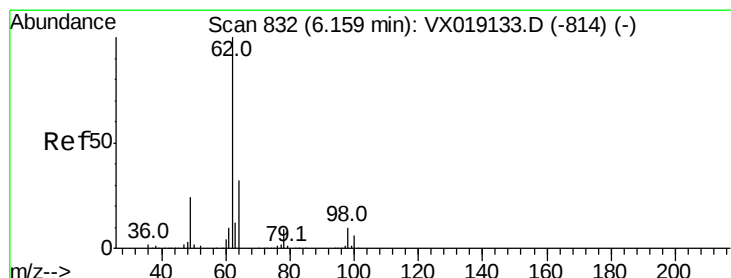
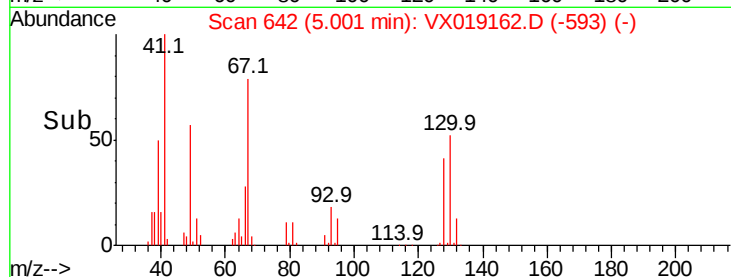
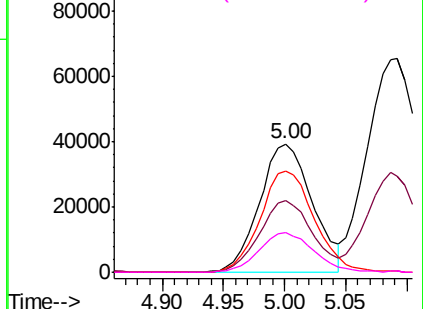
#41
Methacrylonitrile
Concen: 53.690 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	118168
Ion	Ratio	Lower	Upper
41	100		
39	55.6	44.4	66.6
67	81.3	66.4	99.6
52	33.1	26.2	39.4

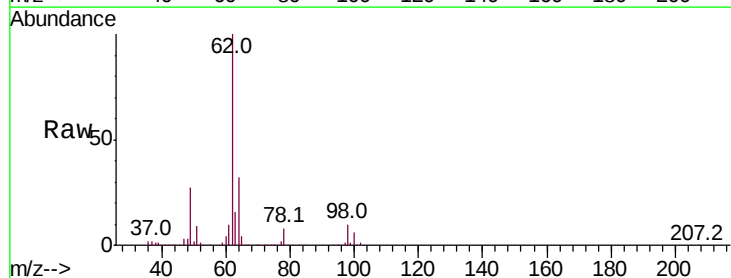


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

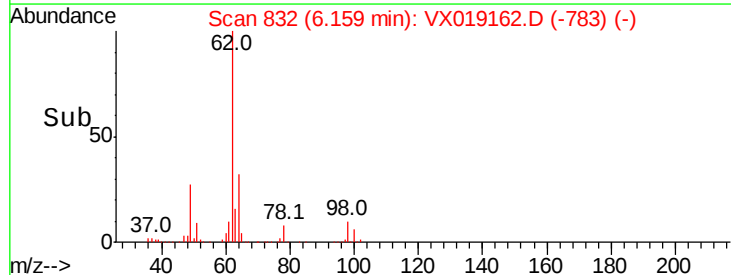
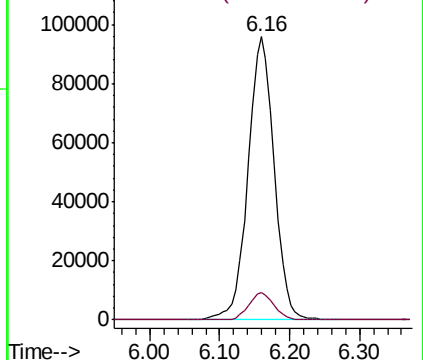


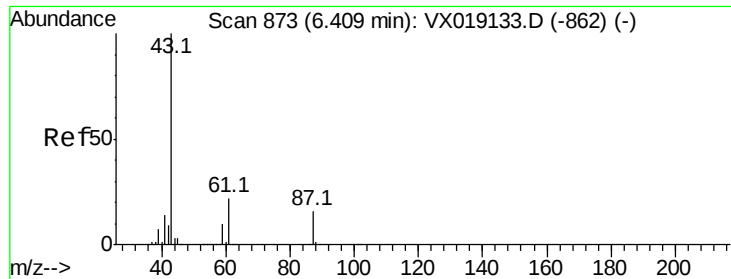
#42
1,2-Dichloroethane
Concen: 54.044 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Tgt Ion:	62	Resp:	248584
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



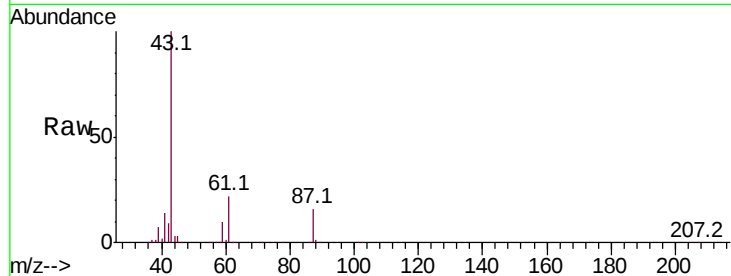


#43

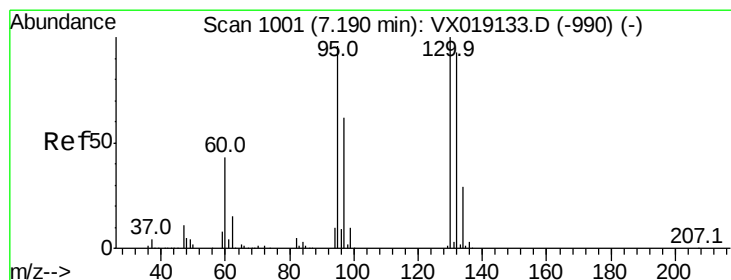
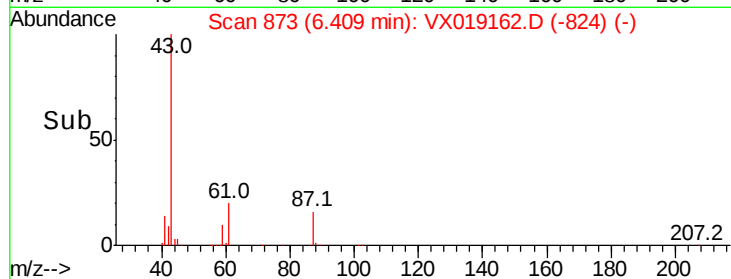
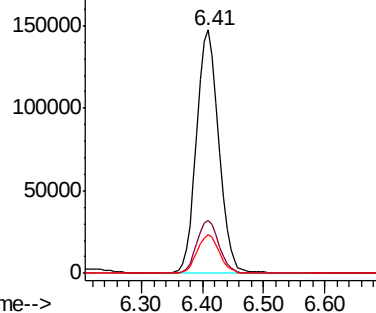
Isopropyl Acetate
 Concen: 53.844 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: VX019162.D
 Acq: 28 Oct 2020 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 368467
 Ion Ratio Lower Upper
 43 100
 61 21.9 17.8 26.6
 87 15.7 12.6 19.0



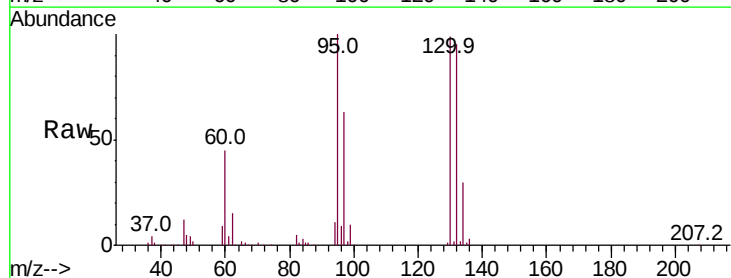
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



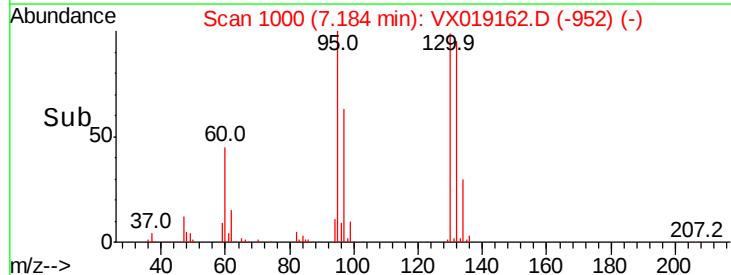
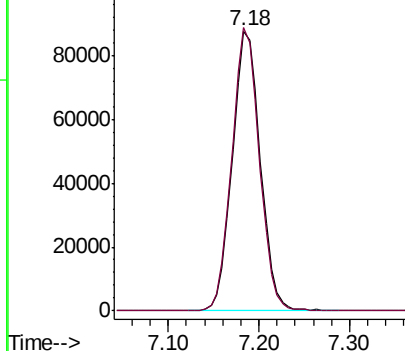
#44

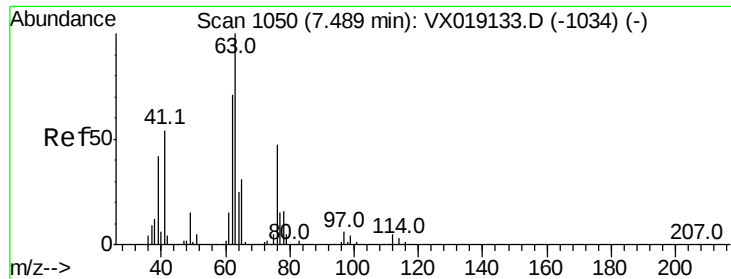
Trichloroethene
 Concen: 52.573 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX019162.D
 Acq: 28 Oct 2020 14:05

Tgt Ion: 130 Resp: 187910
 Ion Ratio Lower Upper
 130 100
 95 101.0 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 55.419 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

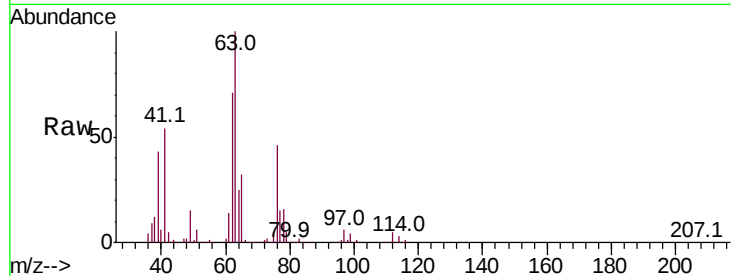
VSTDCCC050EC

Tot Ion: 63 Resp: 169410

Ion Ratio Lower Upper

63 100

65 31.8 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

80000

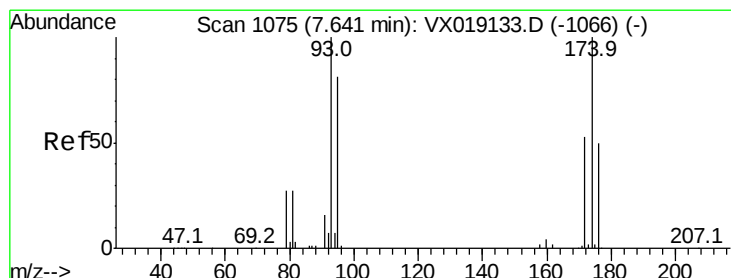
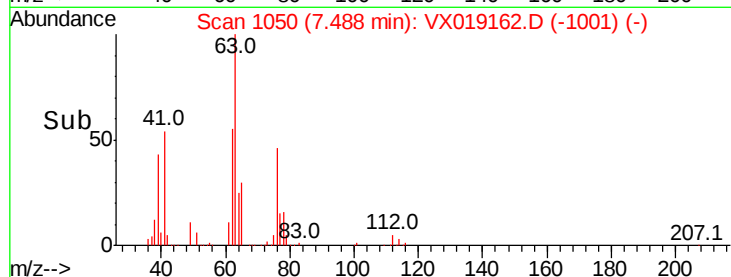
60000

40000

20000

0

Time--> 7.30 7.40 7.50 7.60 7.70



#46

Dibromomethane

Concen: 53.447 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

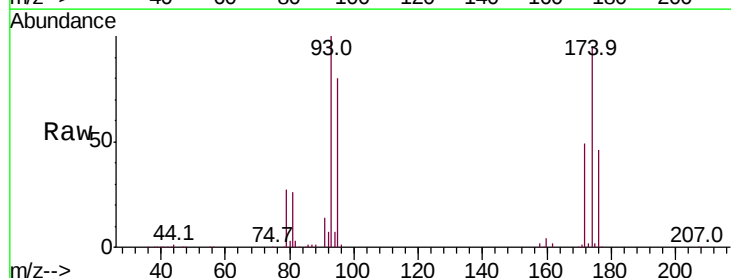
Tgt Ion: 93 Resp: 120815

Ion Ratio Lower Upper

93 100

95 81.7 67.0 100.6

174 98.5 81.7 122.5



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

80000

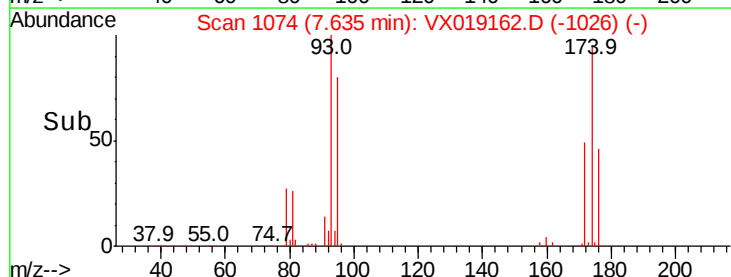
60000

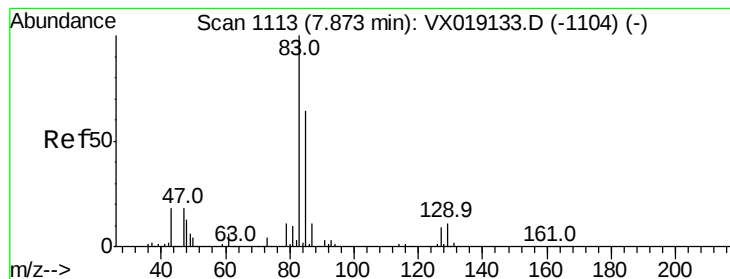
40000

20000

0

Time--> 7.50 7.60 7.70 7.80





#47

Bromodichloromethane

Concen: 54.885 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

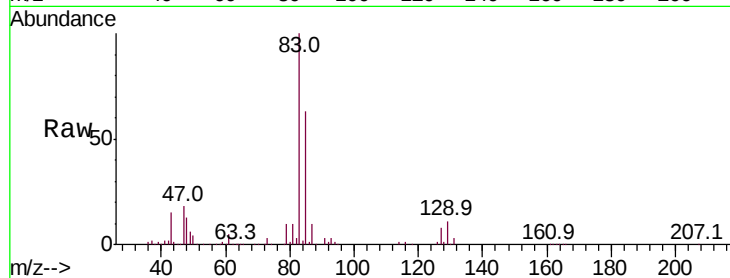
Tot Ion: 83 Resp: 244541

Ion Ratio Lower Upper

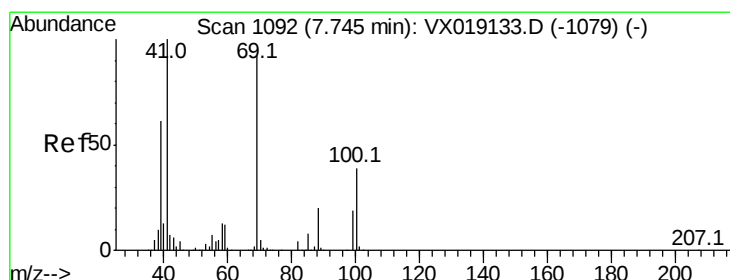
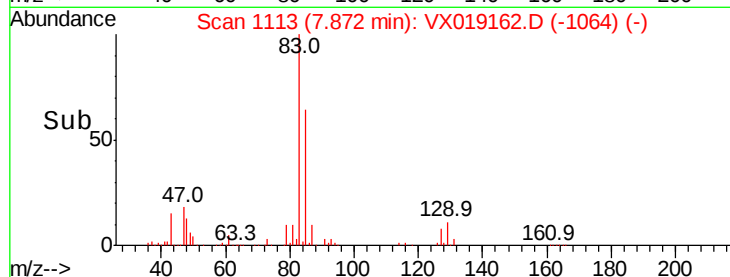
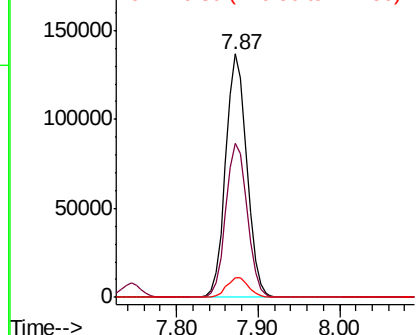
83 100

85 63.5 51.2 76.8

127 8.3 7.1 10.7



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: 54.966 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

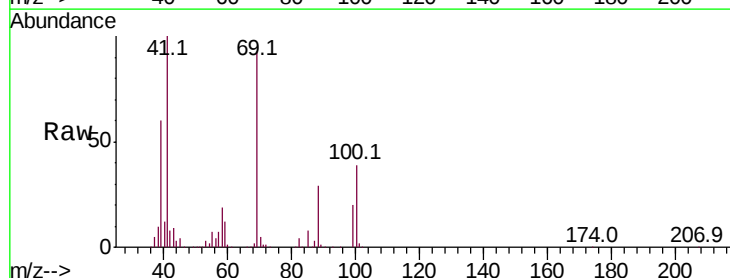
Tgt Ion: 41 Resp: 181044

Ion Ratio Lower Upper

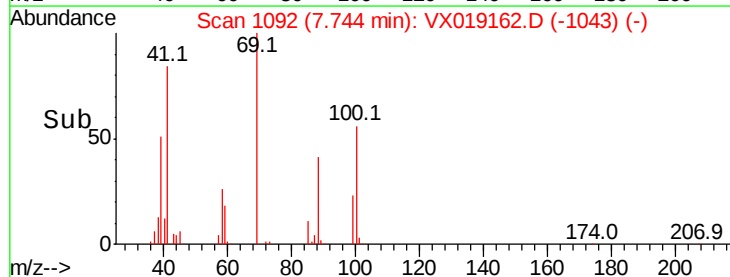
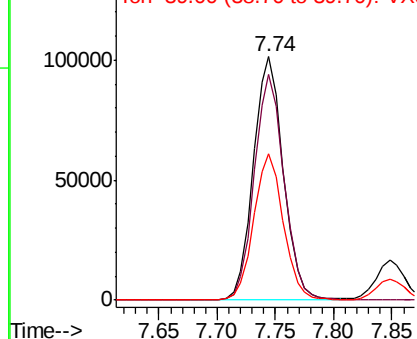
41 100

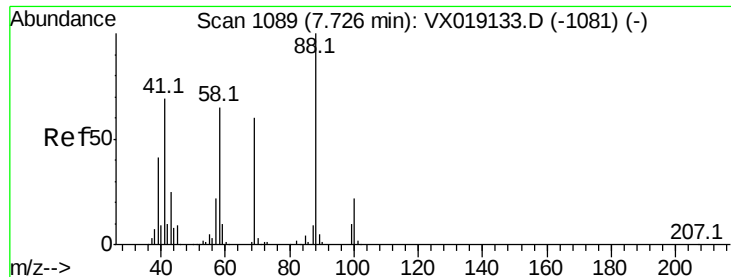
69 92.6 75.5 113.3

39 59.5 48.9 73.3



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



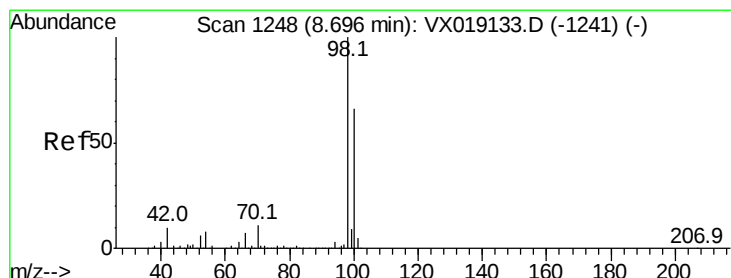
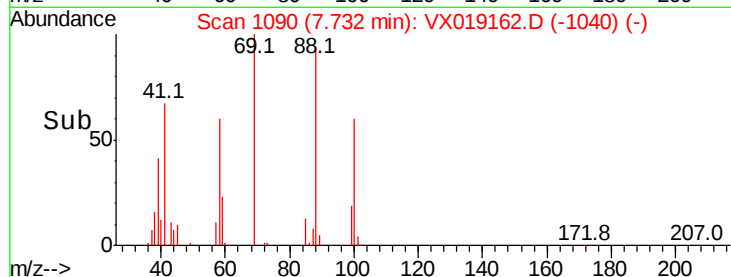
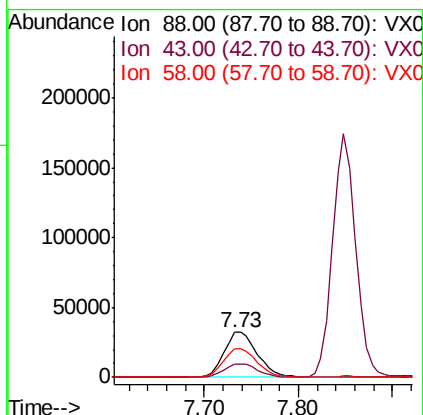
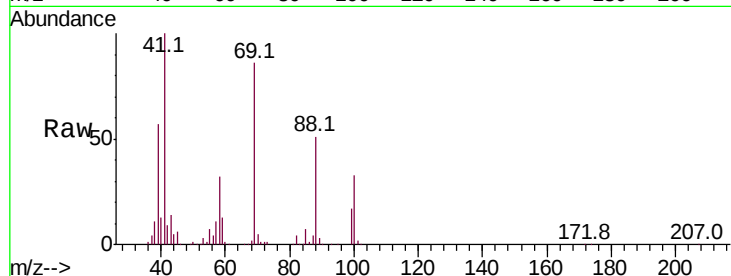


#49
 1,4-Dioxane
 Concen: 1074.635 ug/l
 RT: 7.73 min Scan# 1090
 Delta R.T. 0.01 min
 Lab File: VX019162.D
 Acq: 28 Oct 2020 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 88 Resp: 78716

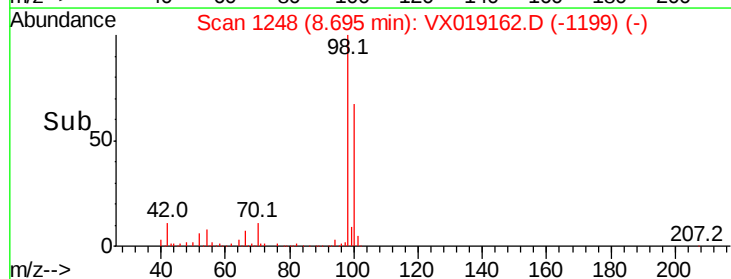
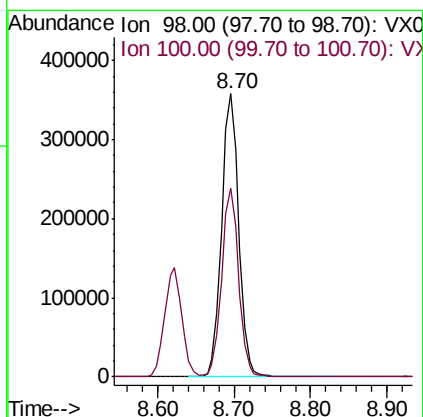
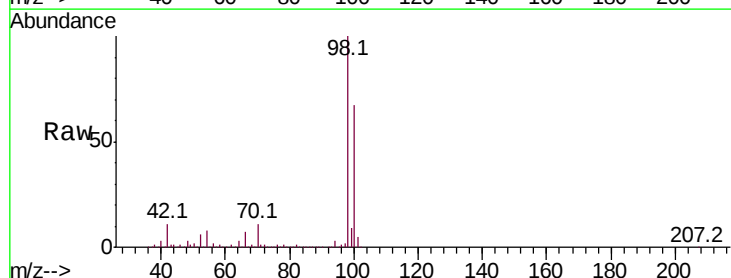
Ion	Ratio	Lower	Upper
88	100		
43	29.0	23.0	34.6
58	65.0	52.2	78.2

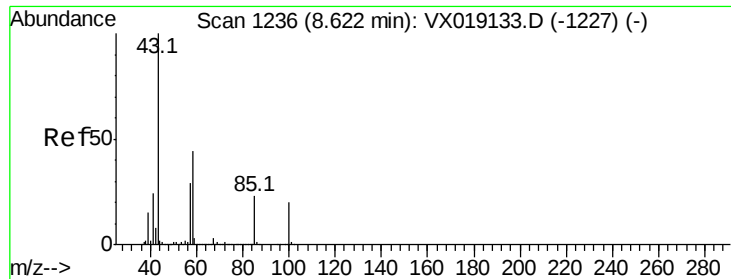


#50
 Toluene-d8
 Concen: 48.875 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX019162.D
 Acq: 28 Oct 2020 14:05

Tgt Ion: 98 Resp: 551655

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 280.695 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

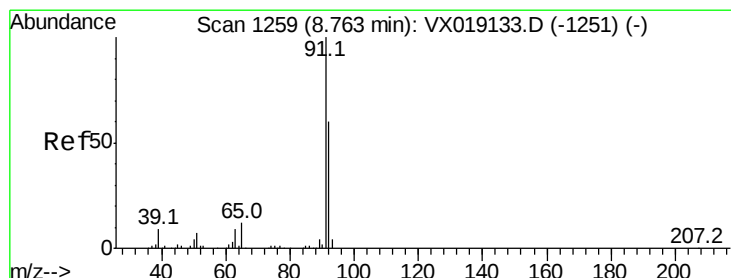
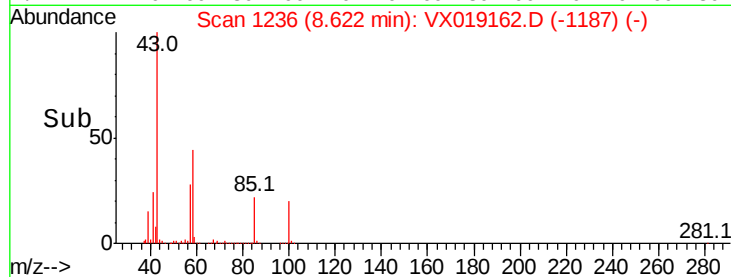
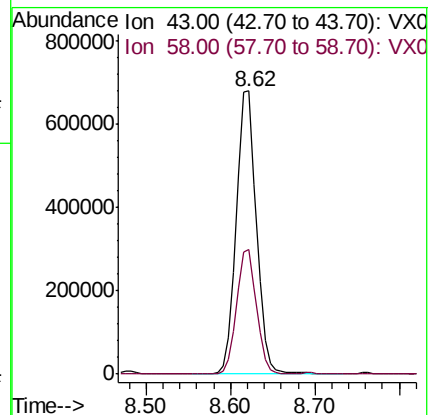
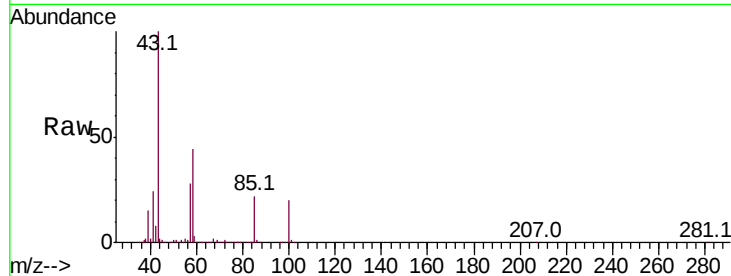
VSTDCCC050EC

Tot Ion: 43 Resp: 1104024

Ion Ratio Lower Upper

43 100

58 43.4 35.0 52.4



#52

Toluene

Concen: 55.106 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019162.D

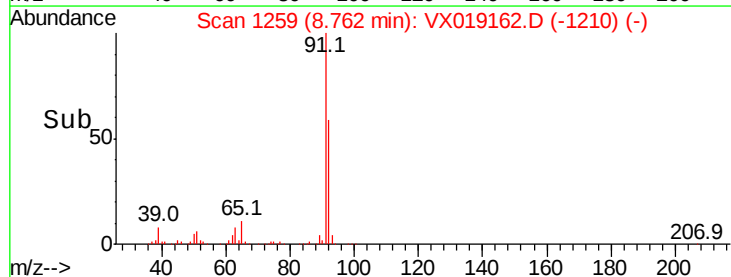
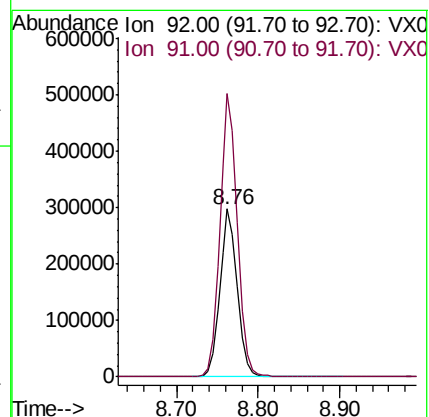
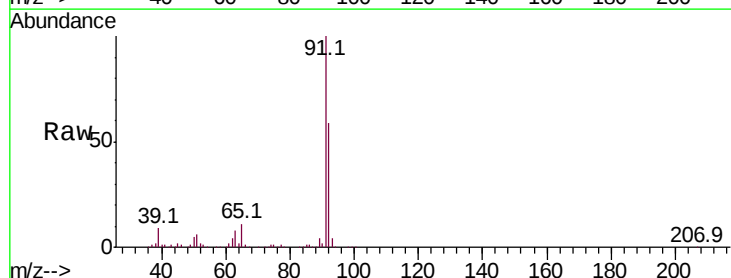
Acq: 28 Oct 2020 14:05

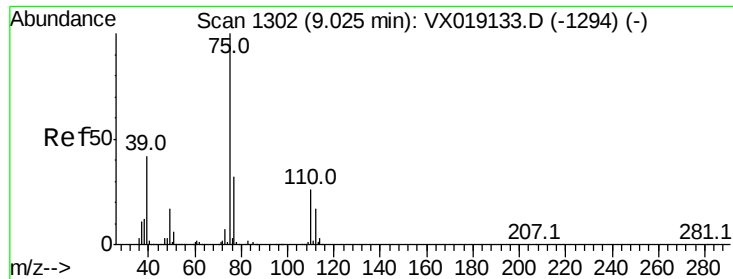
Tgt Ion: 92 Resp: 442953

Ion Ratio Lower Upper

92 100

91 169.9 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 54.237 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

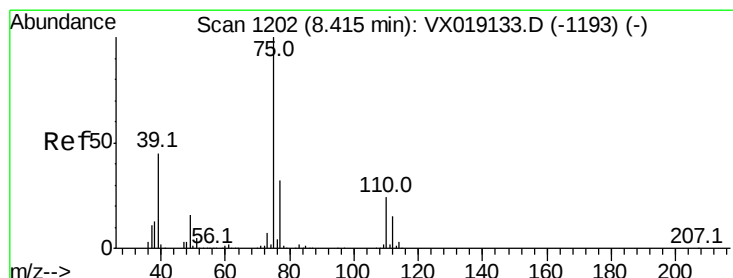
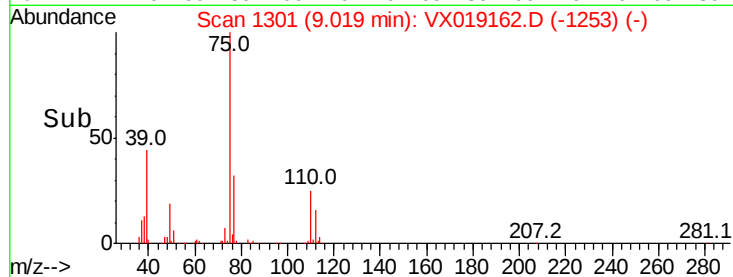
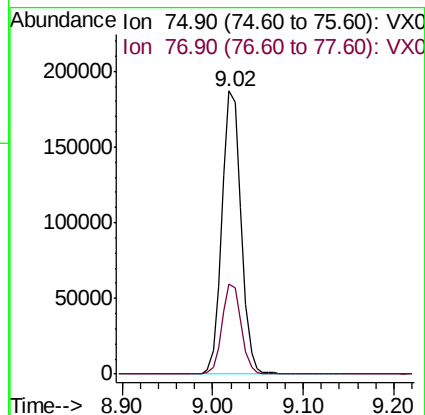
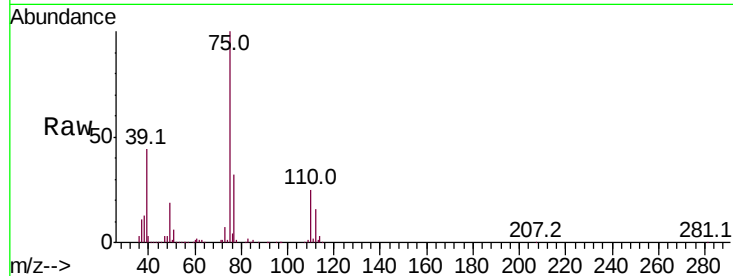
VSTDCCC050EC

Tot Ion: 75 Resp: 276013

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 54.439 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

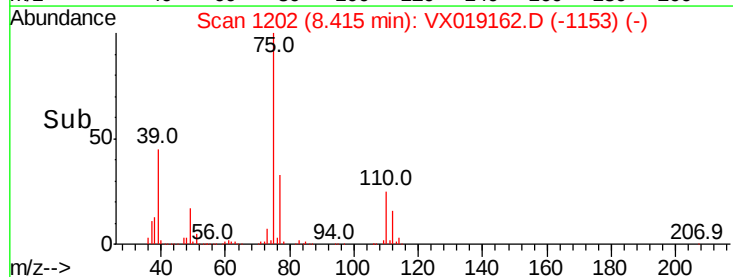
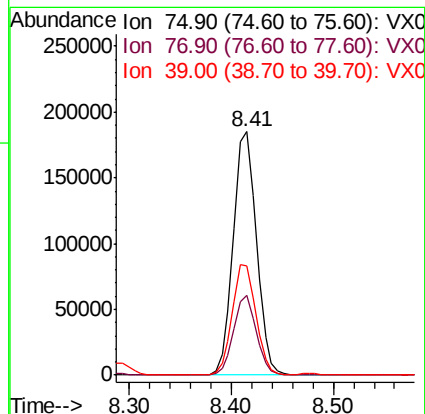
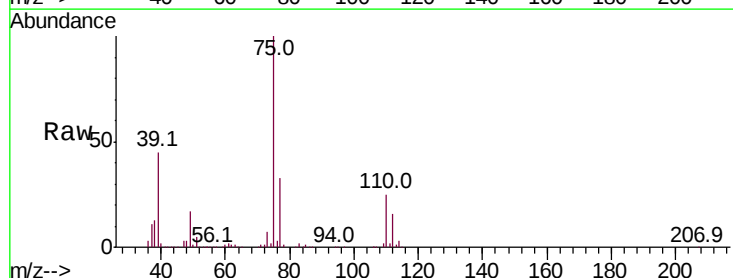
Tgt Ion: 75 Resp: 291324

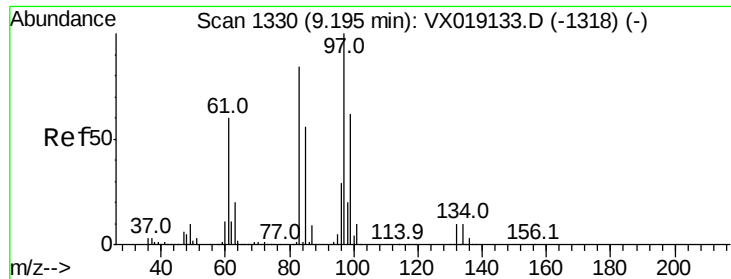
Ion Ratio Lower Upper

75 100

77 32.8 25.5 38.3

39 44.7 36.2 54.2

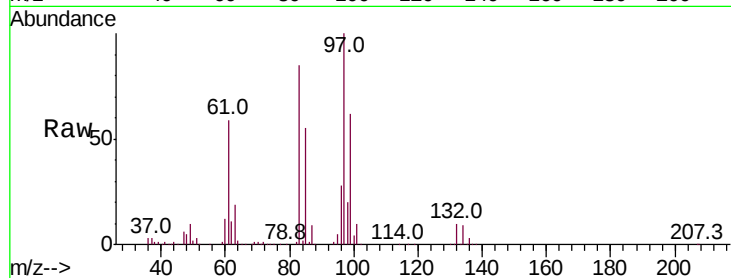




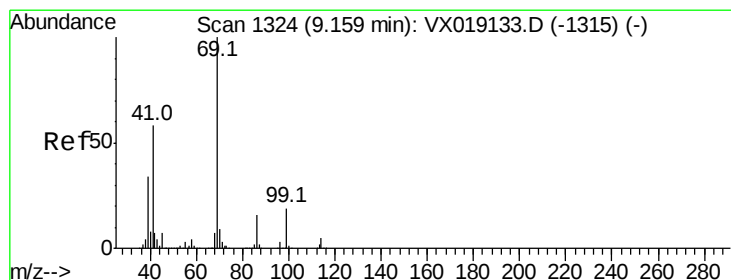
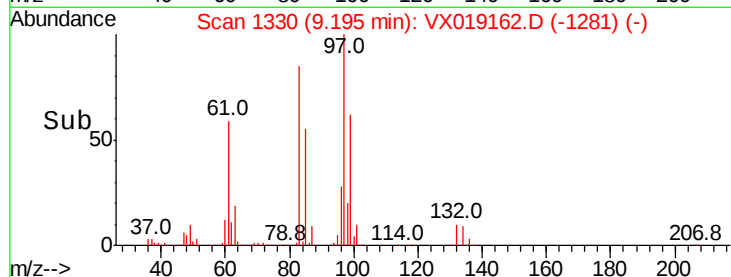
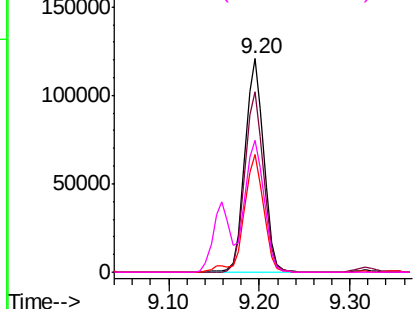
#55
 1,1,2-Trichloroethane
 Concen: 54.912 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019162.D
 Acq: 28 Oct 2020 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	174401
Ion	Ratio	Lower	Upper
97	100		
83	84.8	67.2	100.8
85	55.0	44.6	67.0
99	62.0	49.4	74.0

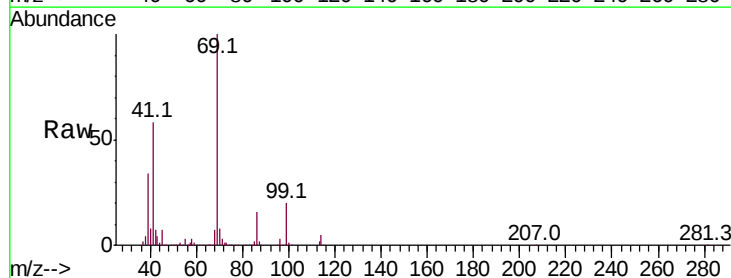


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

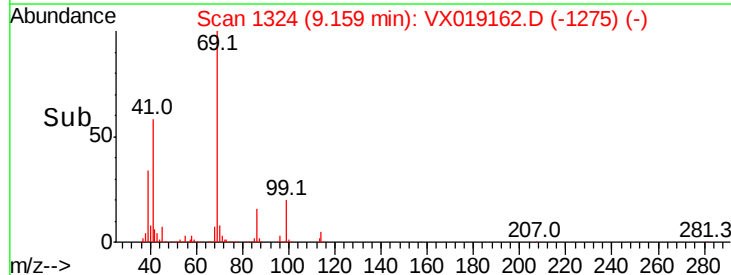
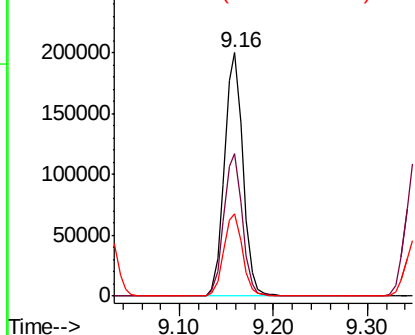


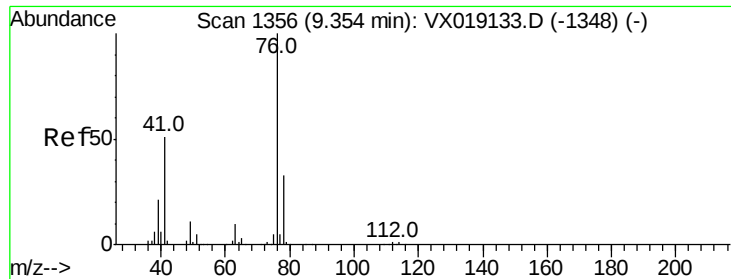
#56
 Ethyl methacrylate
 Concen: 56.619 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019162.D
 Acq: 28 Oct 2020 14:05

Tgt Ion:	69	Resp:	271613
Ion	Ratio	Lower	Upper
69	100		
41	58.8	46.5	69.7
39	34.4	27.6	41.4



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





#57

1,3-Dichloropropane

Concen: 54.286 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

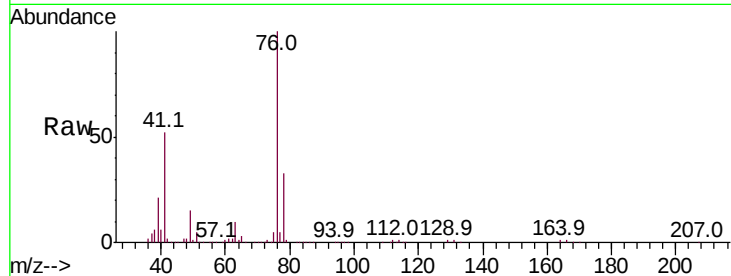
VSTDCCC050EC

Tot Ion: 76 Resp: 290688

Ion Ratio Lower Upper

76 100

78 32.4 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

200000

150000

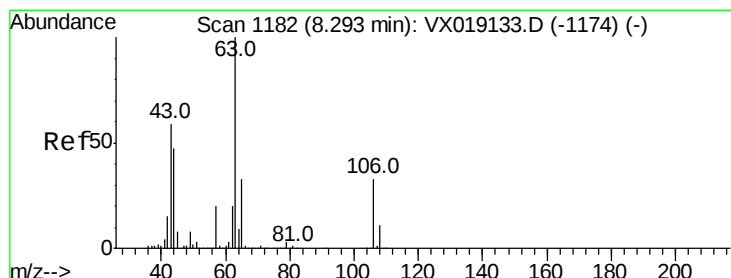
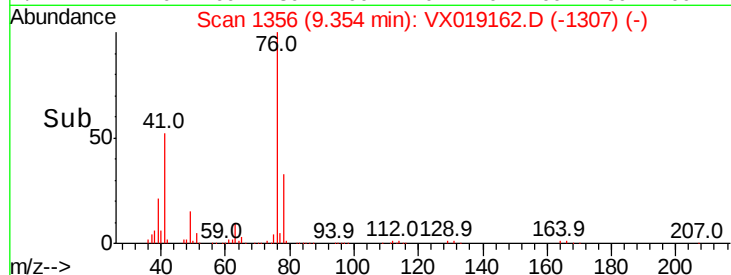
100000

50000

0

9.25 9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 281.579 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX019162.D

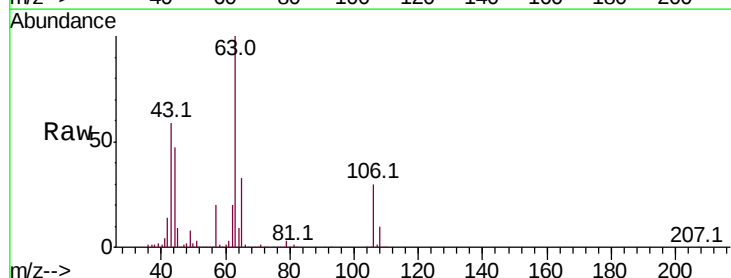
Acq: 28 Oct 2020 14:05

Tgt Ion: 63 Resp: 755443

Ion Ratio Lower Upper

63 100

106 30.4 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

500000

400000

300000

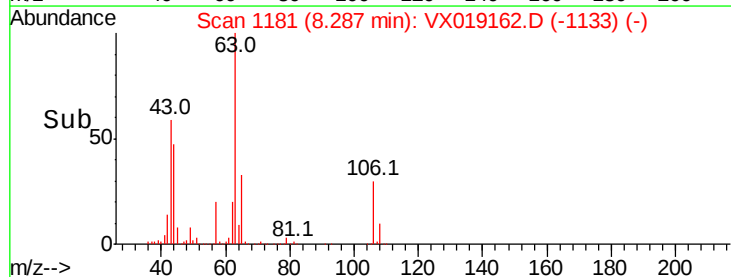
200000

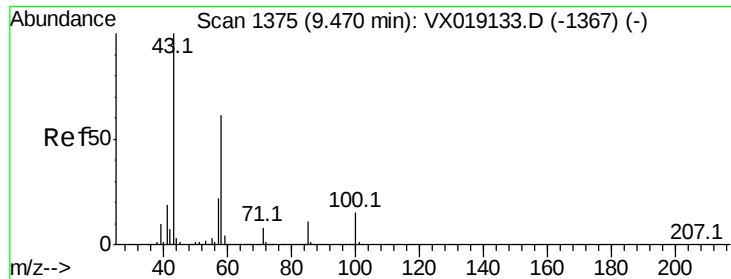
100000

0

8.10 8.20 8.30 8.40

Time-->

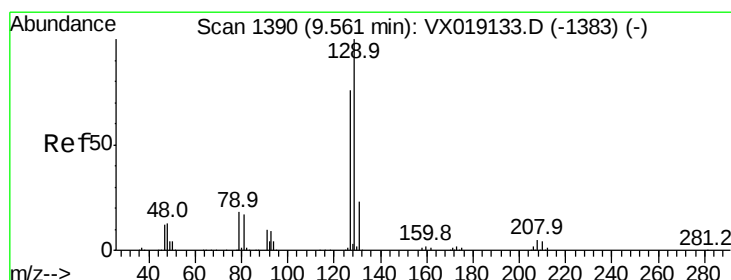
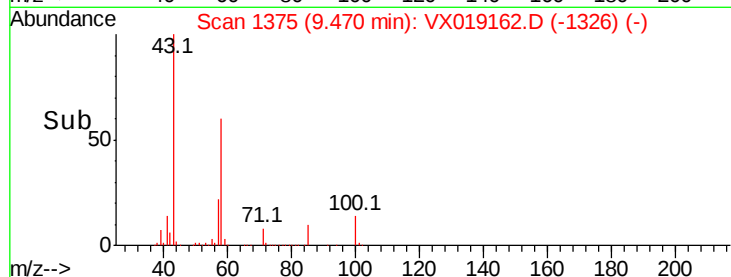
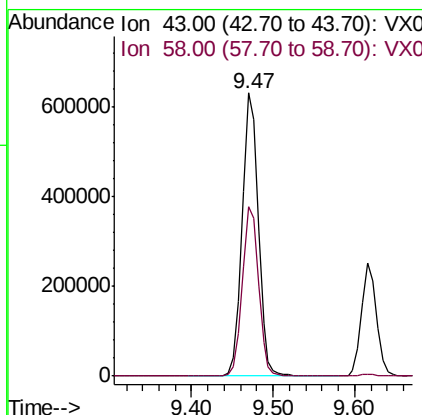
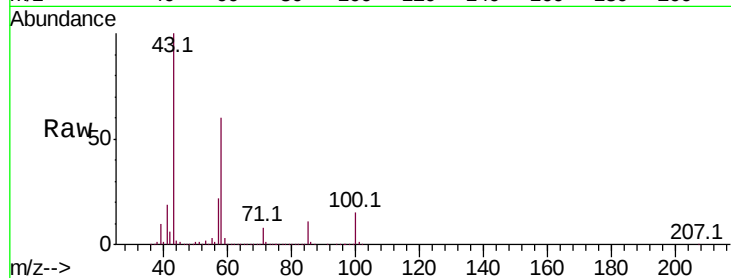




#59
2-Hexanone
Concen: 285.038 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

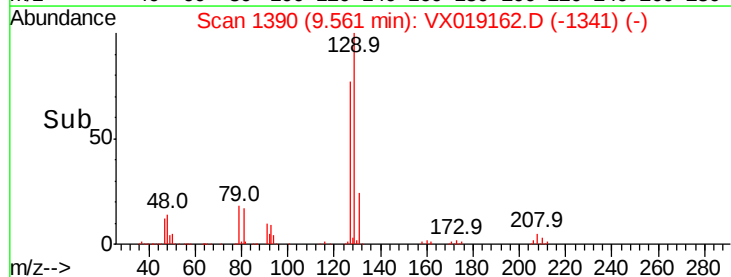
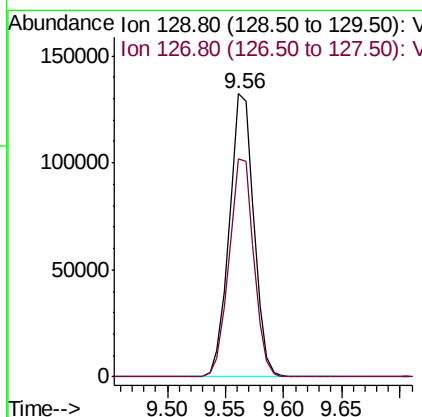
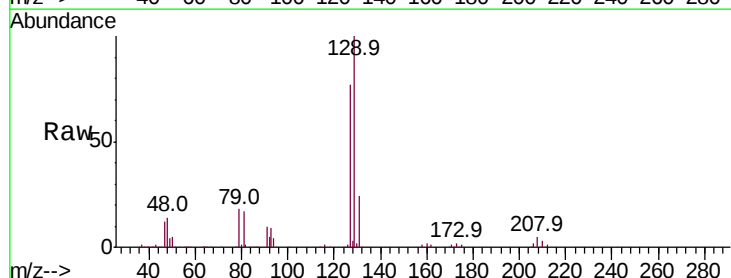
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

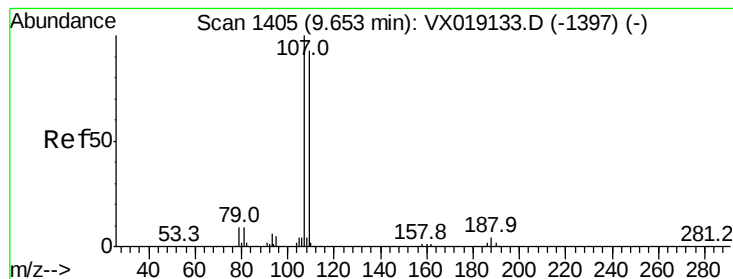
Tot Ion: 43 Resp: 853394
Ion Ratio Lower Upper
43 100
58 60.3 30.5 91.5



#60
Dibromochloromethane
Concen: 56.419 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Tgt Ion: 129 Resp: 194463
Ion Ratio Lower Upper
129 100
127 77.5 38.6 115.8





#61

1,2-Dibromoethane

Concen: 54.173 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

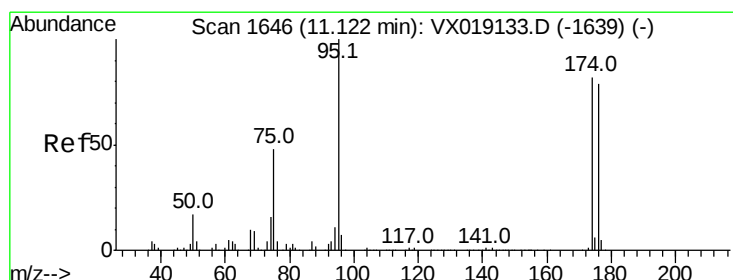
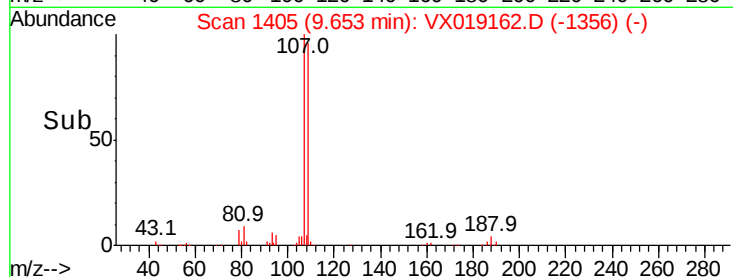
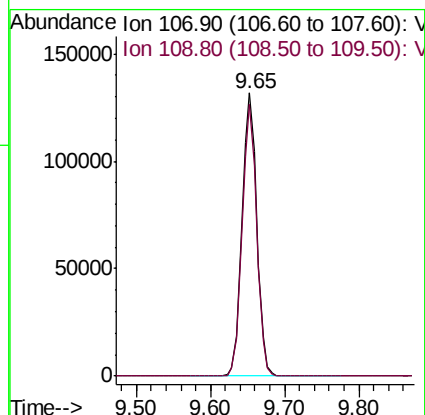
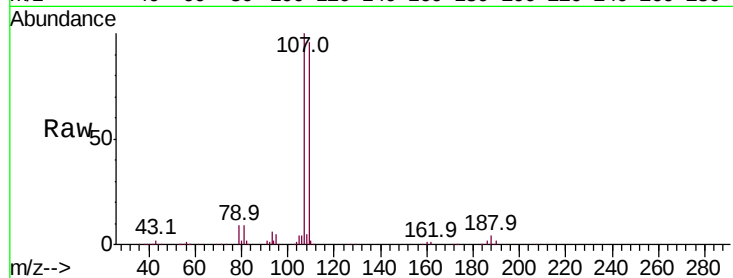
VSTDCCC050EC

Tot Ion:107 Resp: 183987

Ion Ratio Lower Upper

107 100

109 94.7 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 51.188 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

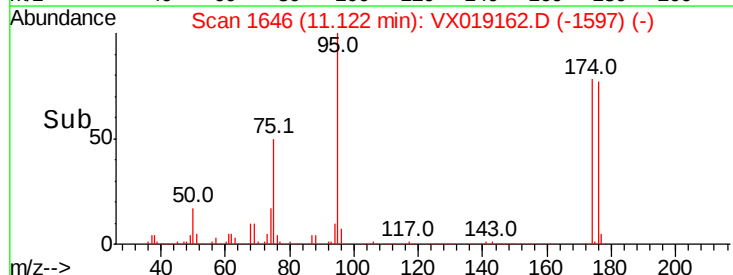
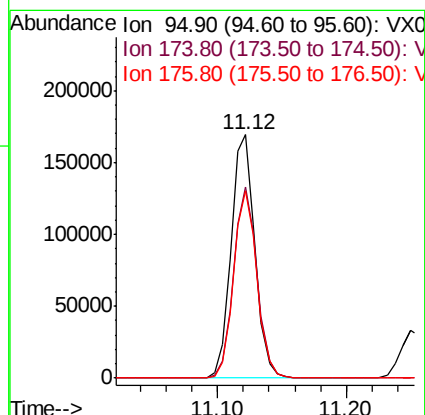
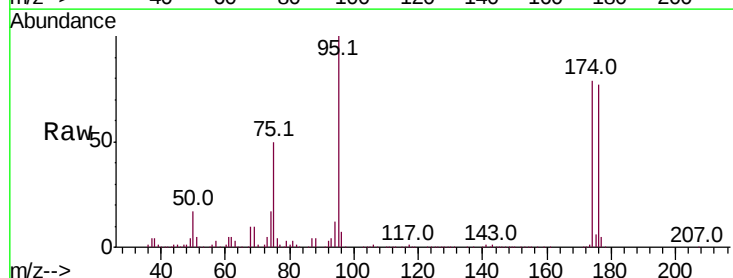
Tgt Ion: 95 Resp: 218804

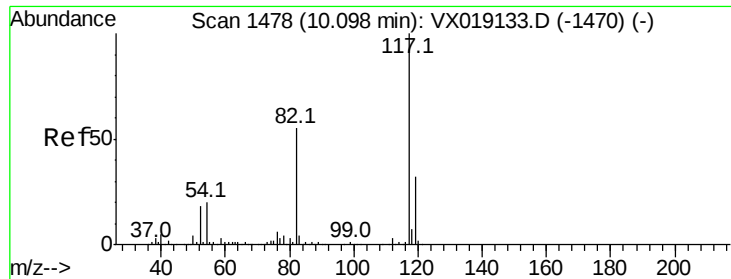
Ion Ratio Lower Upper

95 100

174 77.2 0.0 156.0

176 75.6 0.0 149.8

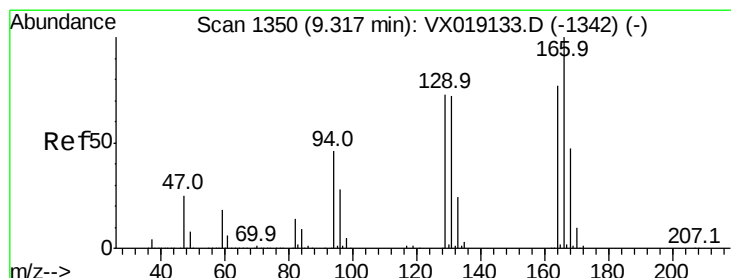
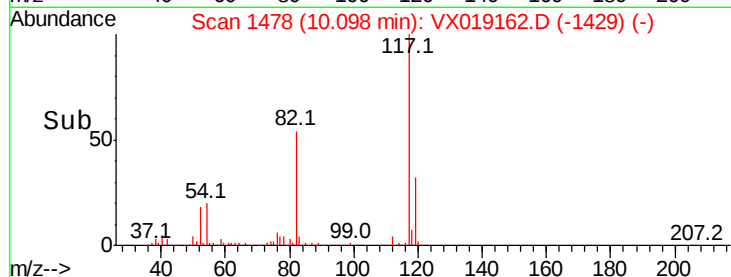
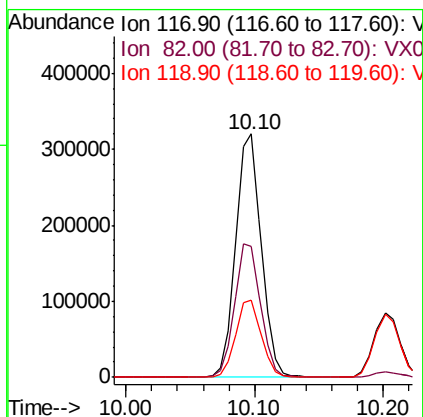
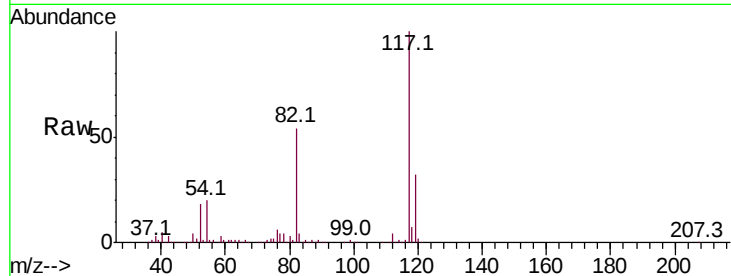




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

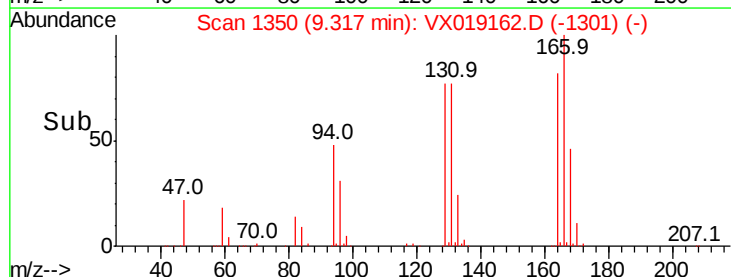
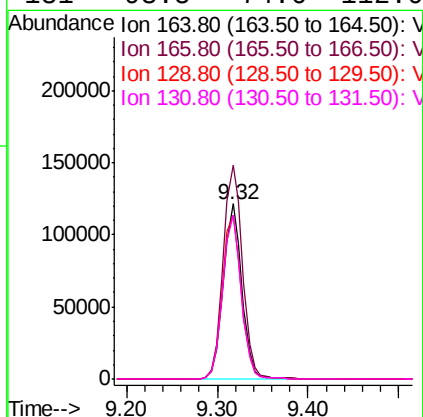
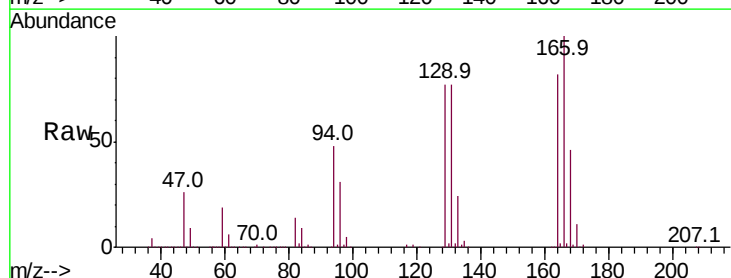
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

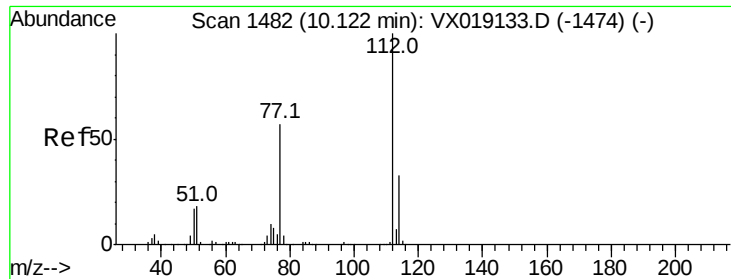
Tot Ion:117 Resp: 442639
Ion Ratio Lower Upper
117 100
82 54.0 43.6 65.4
119 31.7 25.5 38.3



#64
Tetrachloroethene
Concen: 51.399 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Tgt Ion:164 Resp: 173339
Ion Ratio Lower Upper
164 100
166 121.9 104.1 156.1
129 93.7 76.2 114.4
131 93.5 74.6 112.0

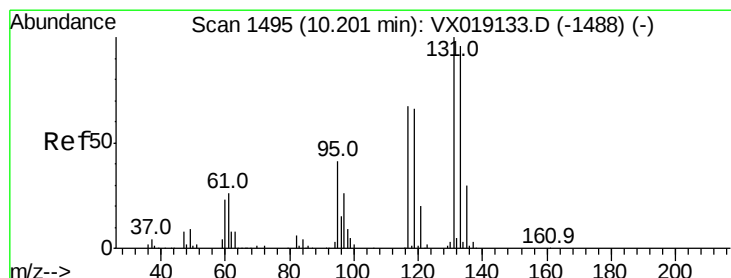
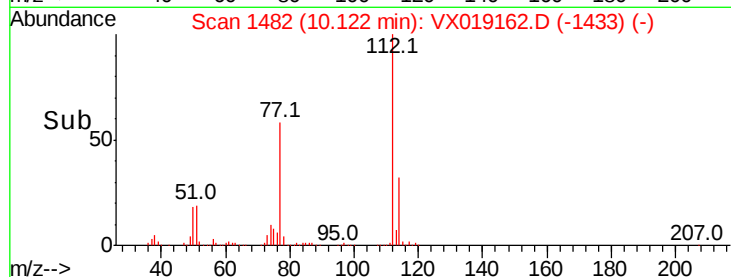
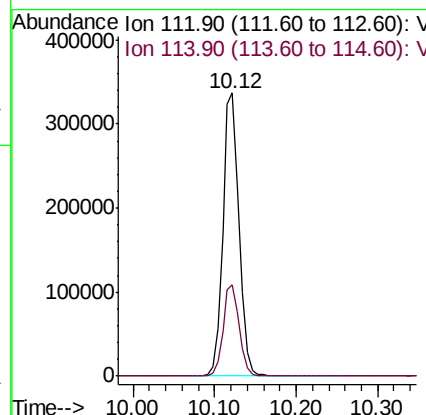
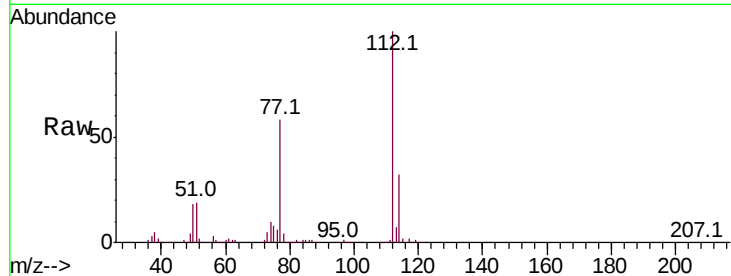




#65
Chlorobenzene
Concen: 51.539 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

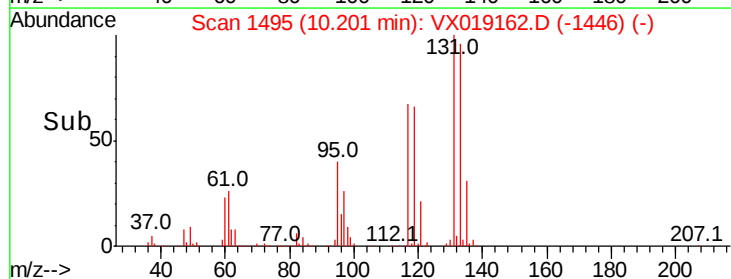
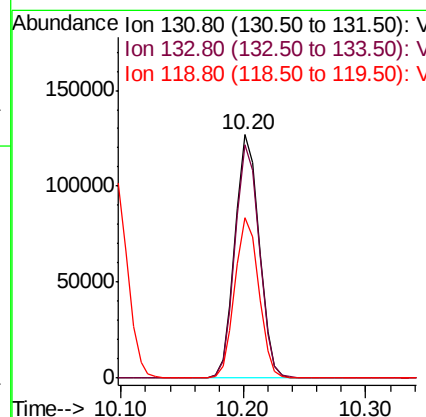
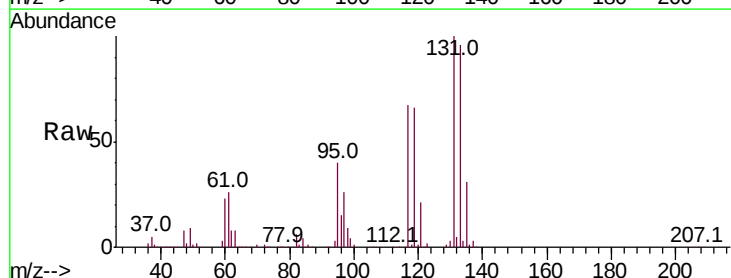
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

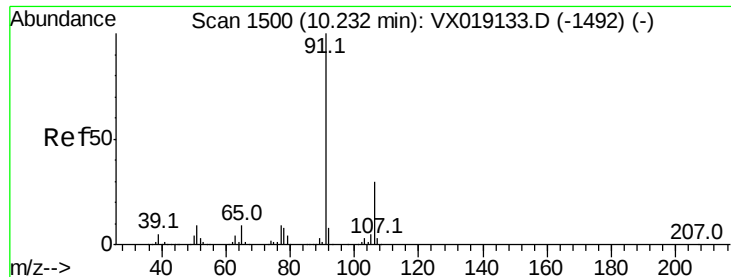
Tot Ion:112 Resp: 466278
Ion Ratio Lower Upper
112 100
114 32.4 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 53.272 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Tgt Ion:131 Resp: 173506
Ion Ratio Lower Upper
131 100
133 96.3 47.3 141.8
119 65.5 32.3 96.9

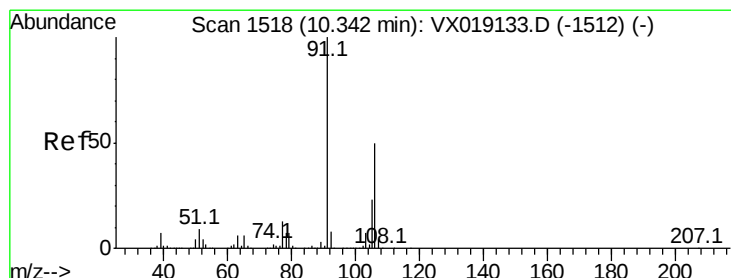
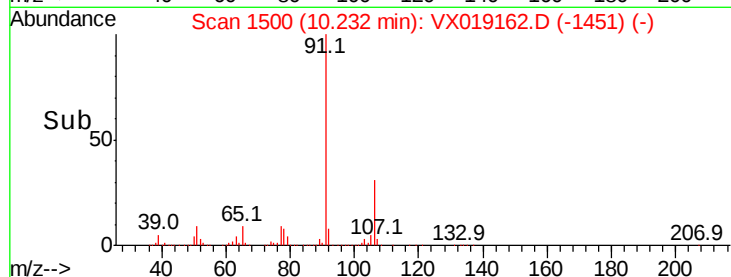
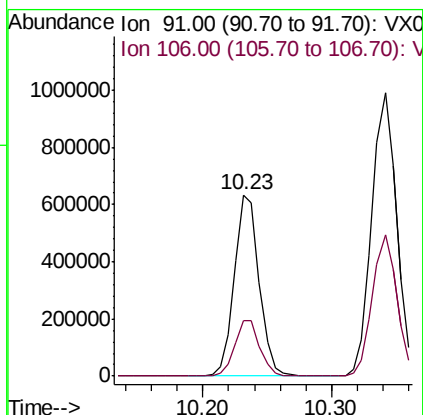
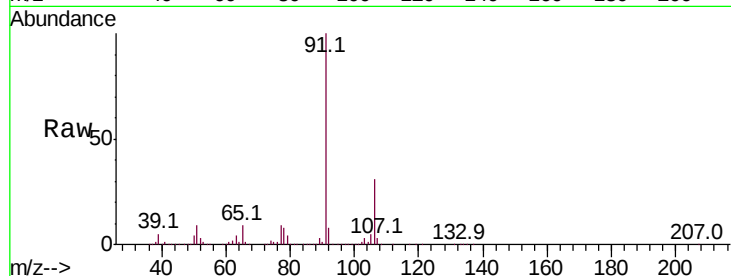




#67
Ethyl Benzene
Concen: 52.832 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

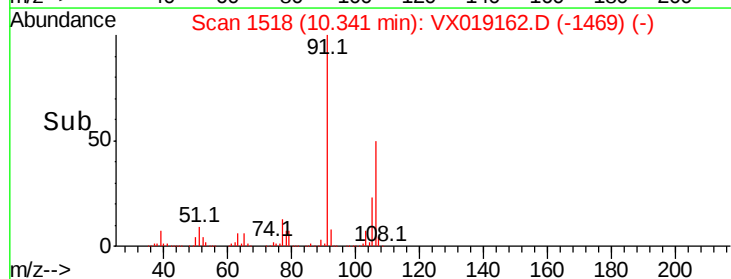
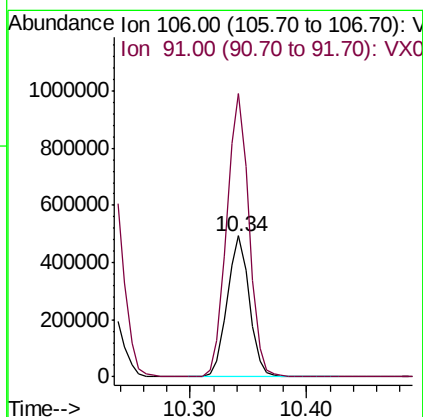
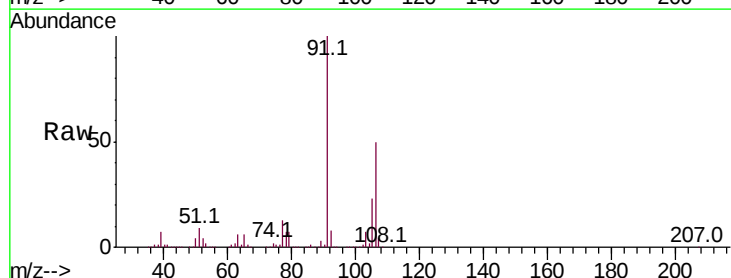
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

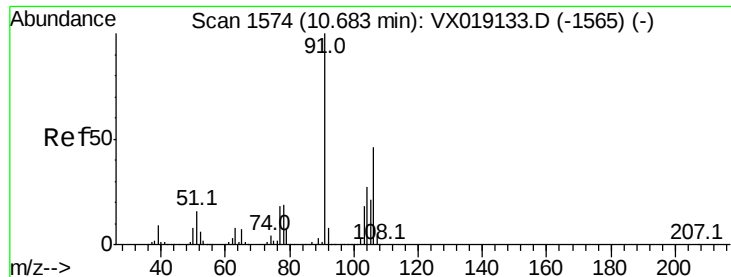
Tot Ion: 91 Resp: 851718
Ion Ratio Lower Upper
91 100
106 30.8 24.3 36.5



#68
m/p-Xylenes
Concen: 107.248 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Tgt Ion: 106 Resp: 648911
Ion Ratio Lower Upper
106 100
91 203.2 161.0 241.4

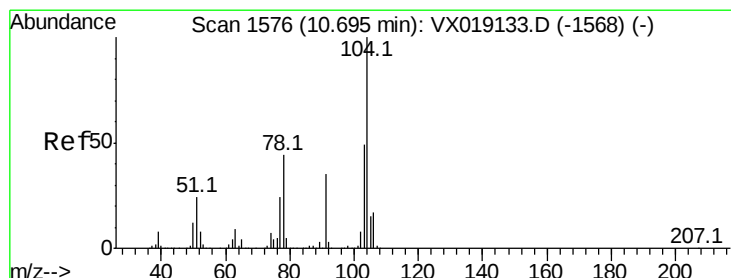
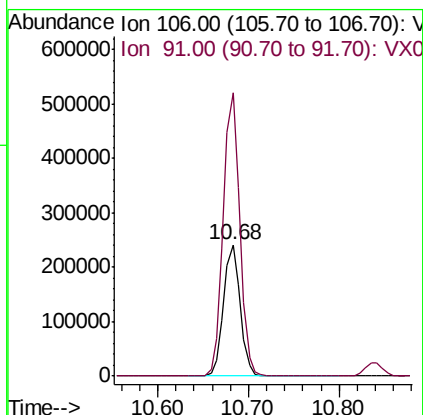
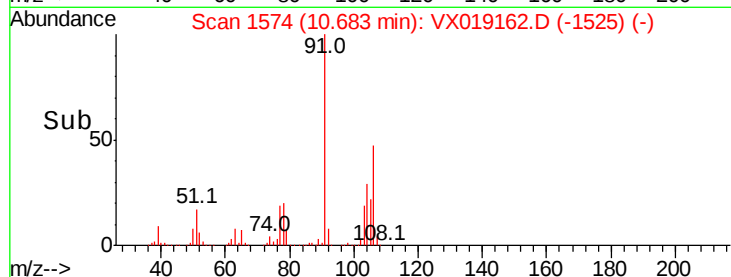
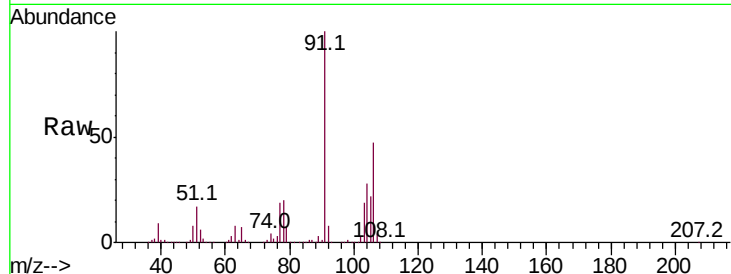




#69
o-Xylene
Concen: 53.988 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

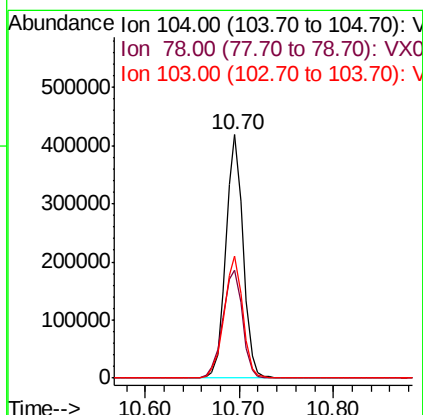
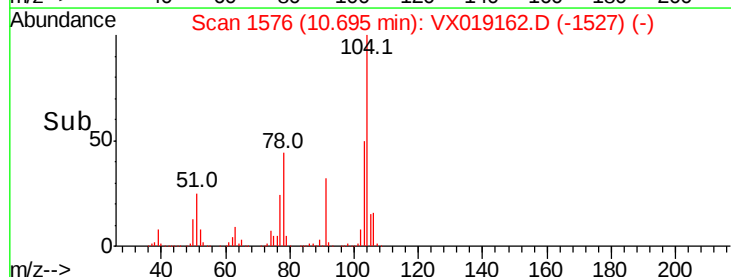
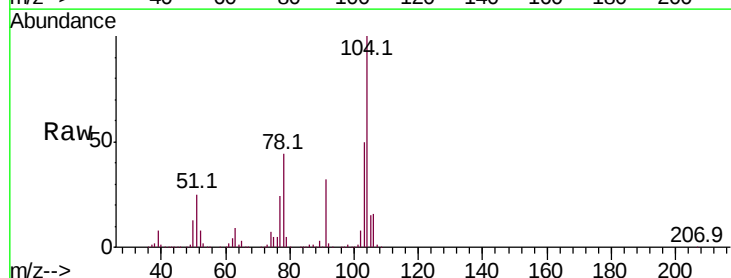
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

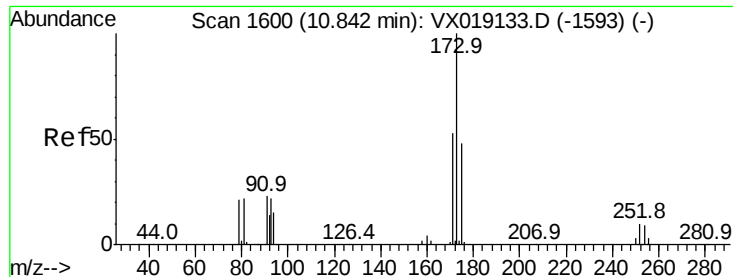
Tot Ion:106 Resp: 309832
Ion Ratio Lower Upper
106 100
91 214.5 108.3 324.8



#70
Styrene
Concen: 54.094 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Tgt Ion:104 Resp: 529687
Ion Ratio Lower Upper
104 100
78 50.9 40.0 60.0
103 54.4 43.5 65.3





#71

Bromoform

Concen: 54.161 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

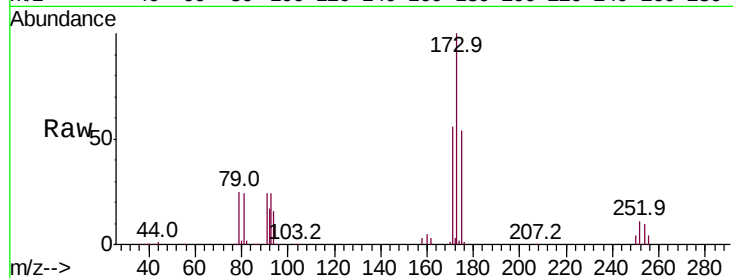
Tot Ion:173 Resp: 139861

Ion Ratio Lower Upper

173 100

175 50.2 24.4 73.4

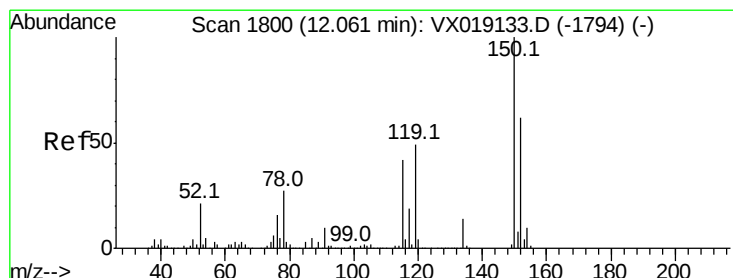
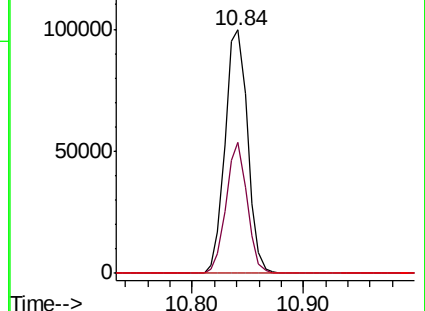
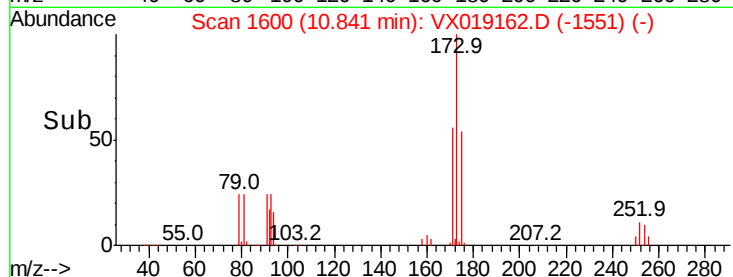
254 0.1 0.1 0.1#



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: VX019162.D

Acq: 28 Oct 2020 14:05

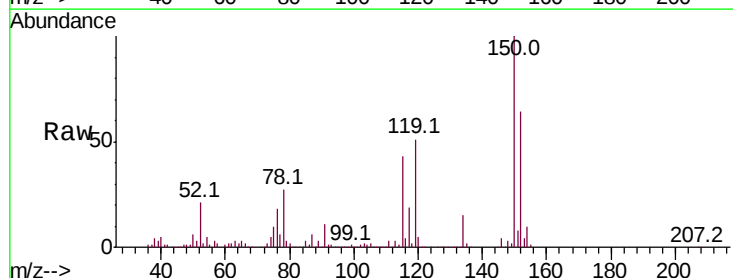
Tgt Ion:152 Resp: 227606

Ion Ratio Lower Upper

152 100

115 86.2 41.9 125.7

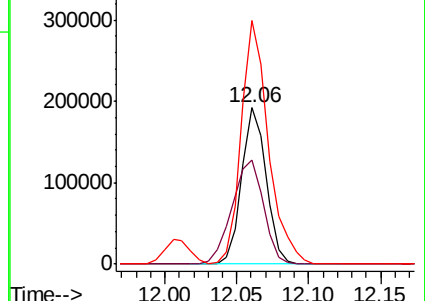
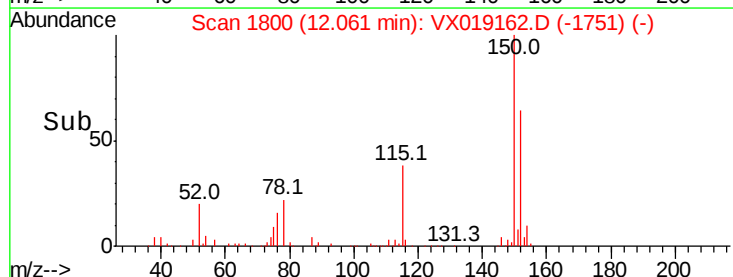
150 172.8 0.0 347.8

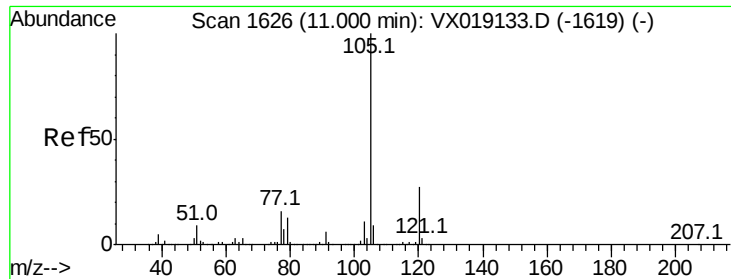


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.327 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

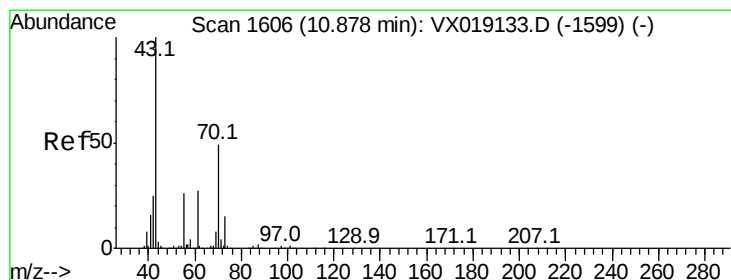
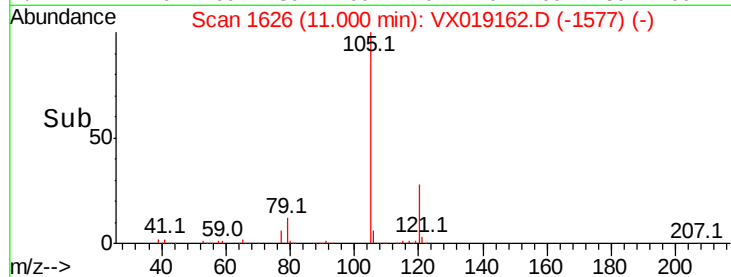
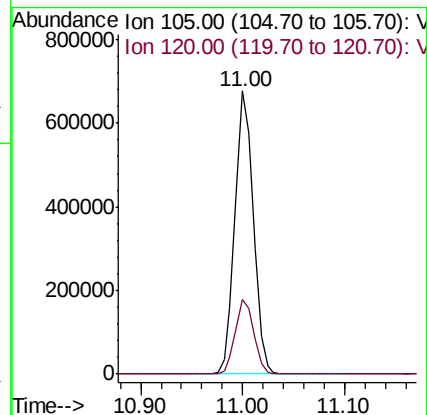
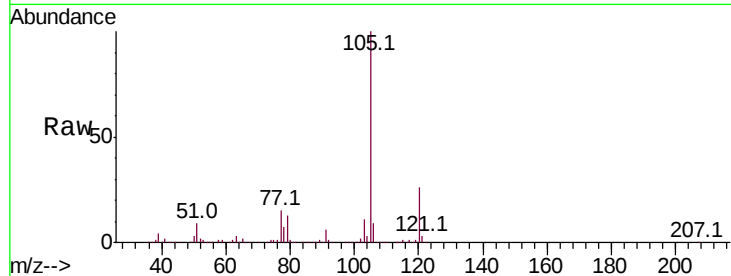
VSTDCCC050EC

Tot Ion:105 Resp: 843040

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.8



#74

N-ethyl acetate

Concen: 54.162 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Tgt Ion: 43 Resp: 319054

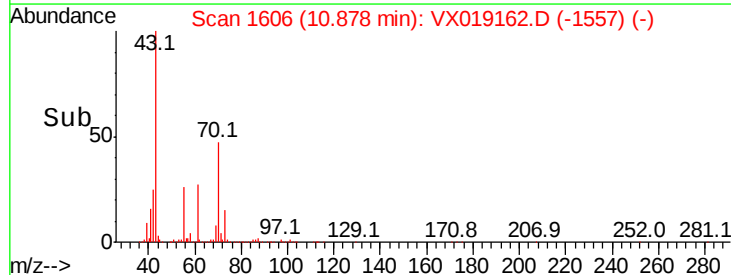
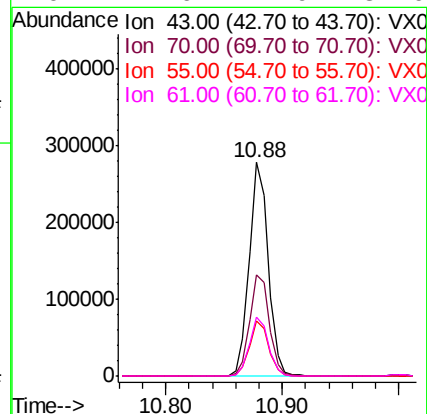
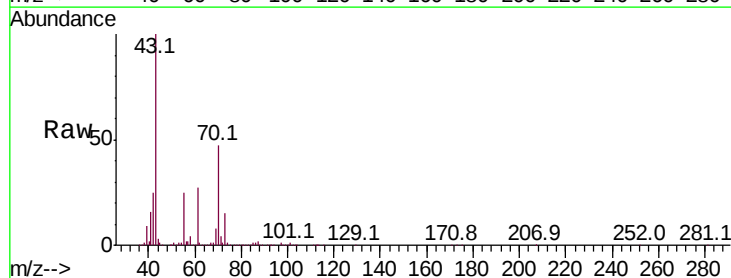
Ion Ratio Lower Upper

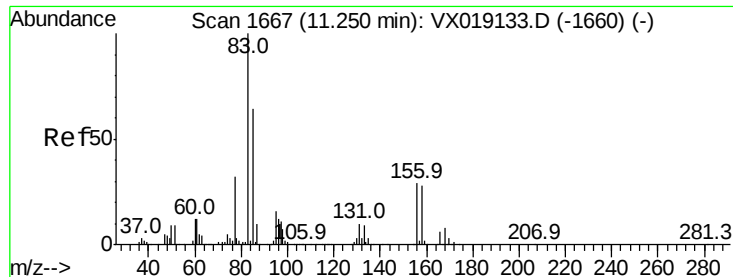
43 100

70 49.1 39.6 59.4

55 26.1 20.7 31.1

61 27.6 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 51.840 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

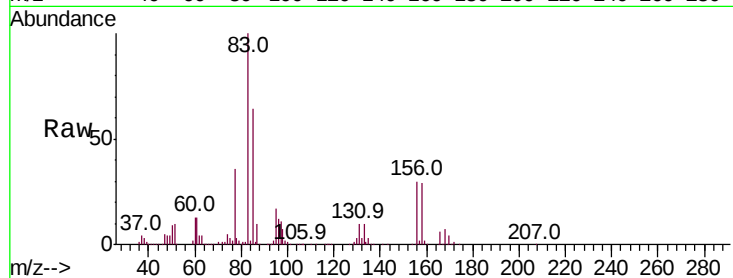
Tot Ion: 83 Resp: 261020

Ion Ratio Lower Upper

83 100

131 10.2 5.2 15.6

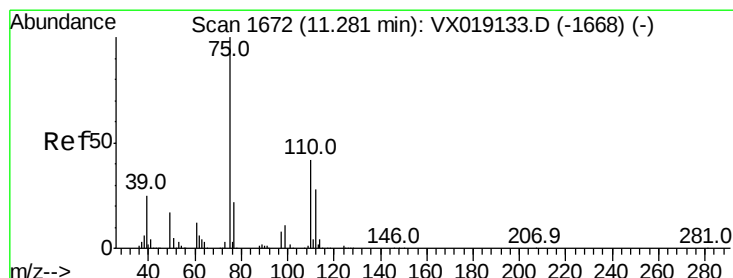
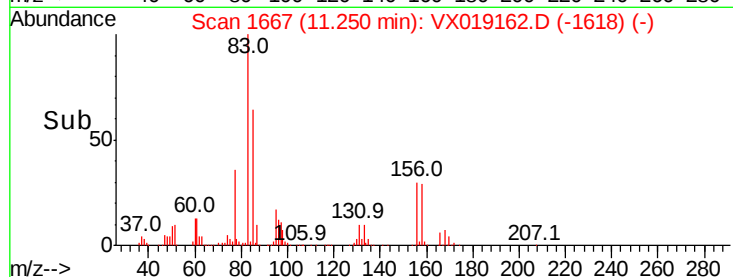
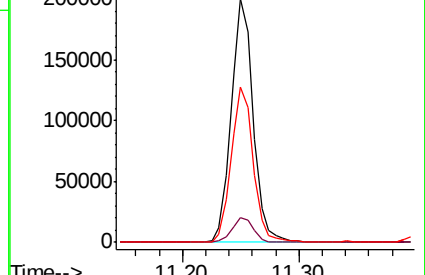
85 64.5 32.1 96.3



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: 67.560 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019162.D

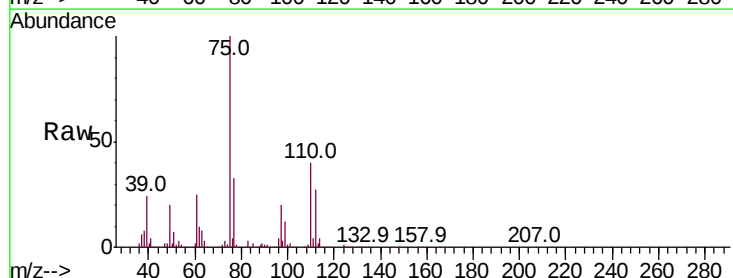
Acq: 28 Oct 2020 14:05

Tgt Ion: 75 Resp: 317505

Ion Ratio Lower Upper

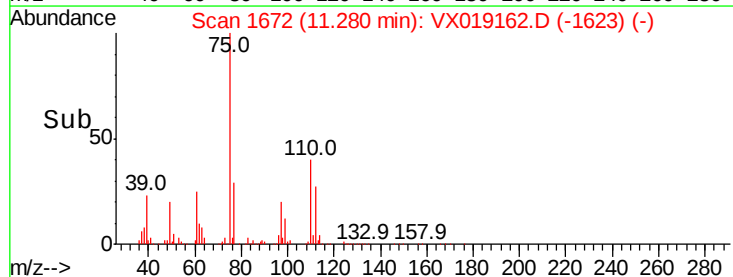
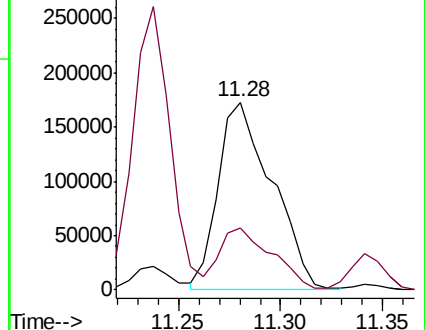
75 100

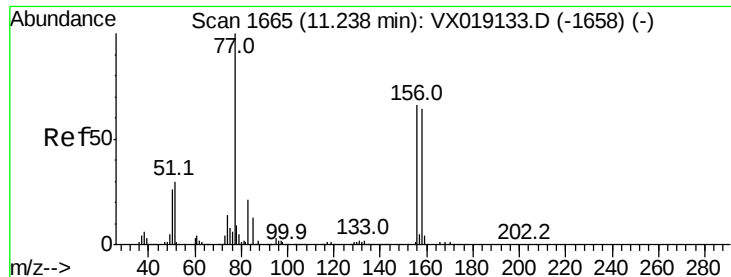
77 32.1 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.552 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

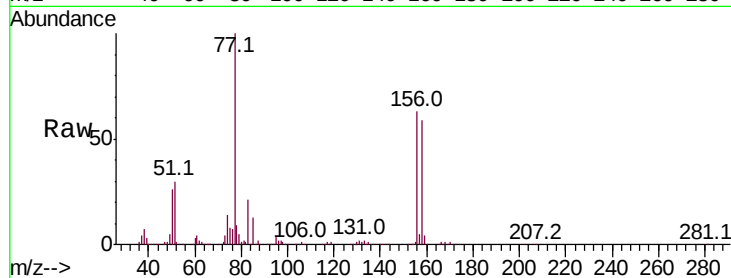
Tot Ion:156 Resp: 206135

Ion Ratio Lower Upper

156 100

77 161.5 77.7 233.1

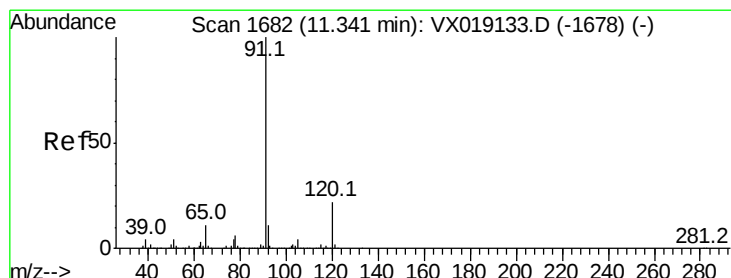
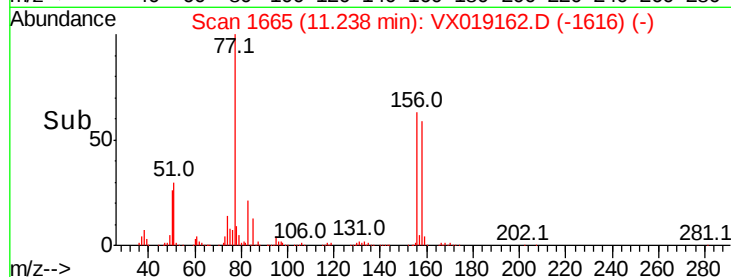
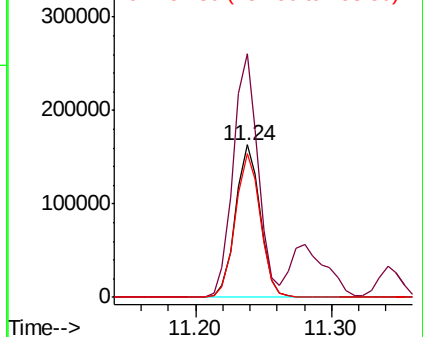
158 95.2 48.3 144.8



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: 53.265 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019162.D

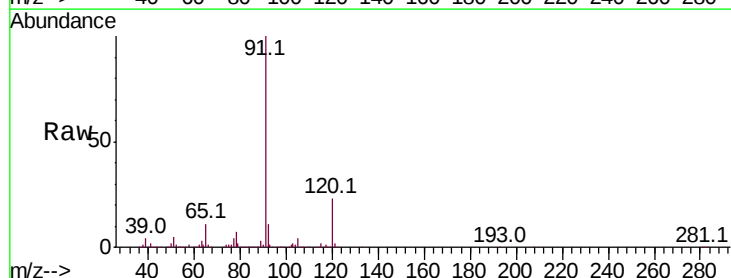
Acq: 28 Oct 2020 14:05

Tgt Ion: 91 Resp: 979611

Ion Ratio Lower Upper

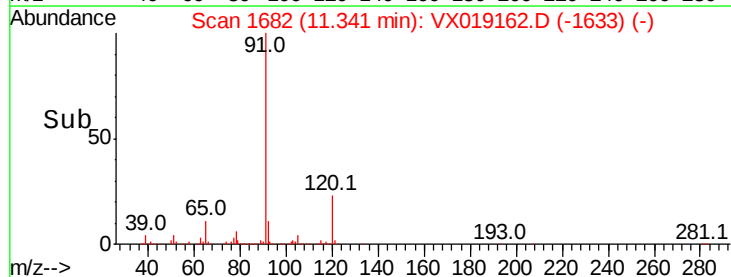
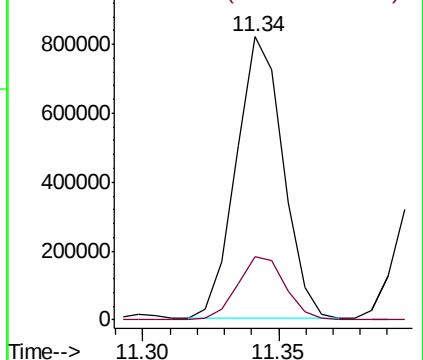
91 100

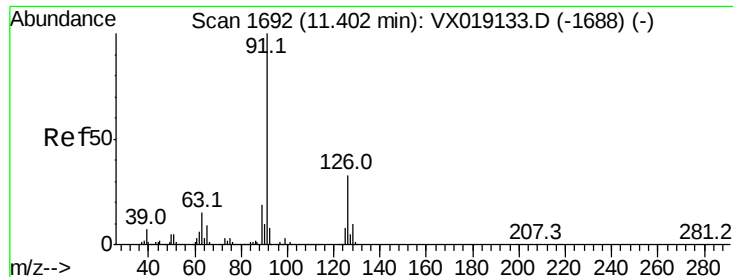
120 23.1 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

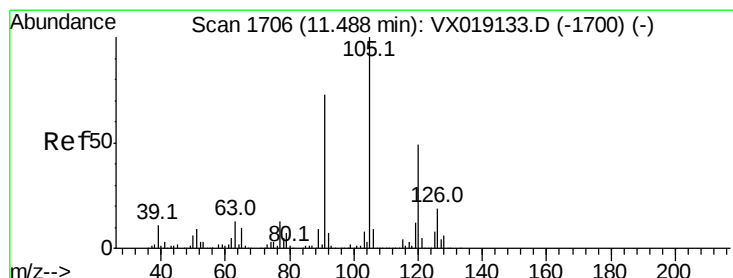
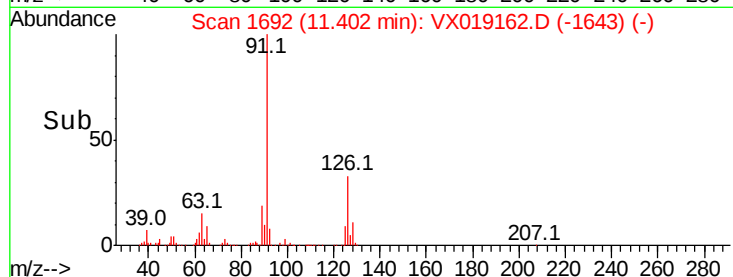
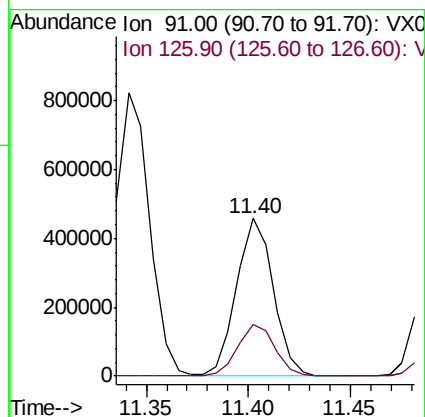
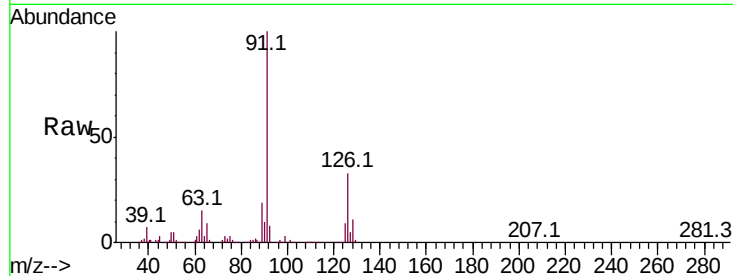




#79
 2-Chlorotoluene
 Concen: 52.756 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019162.D
 Acq: 28 Oct 2020 14:05

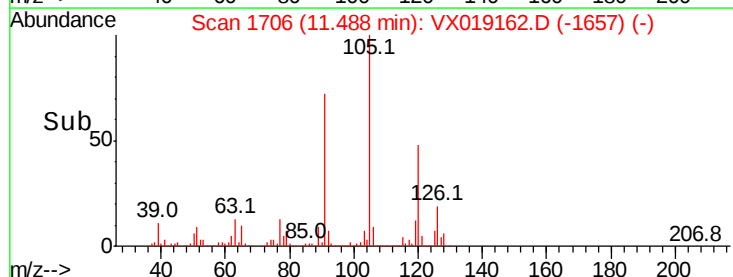
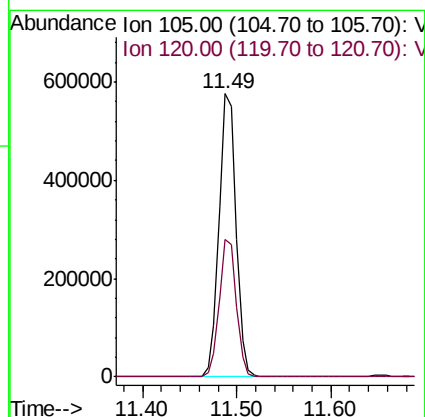
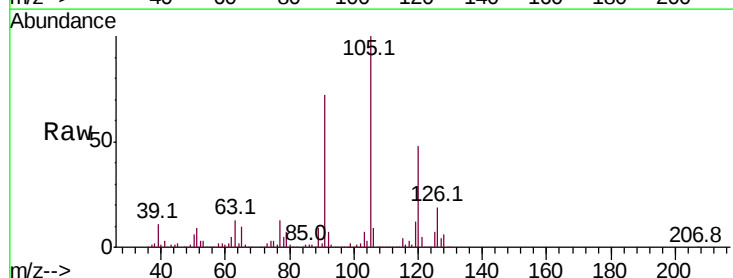
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

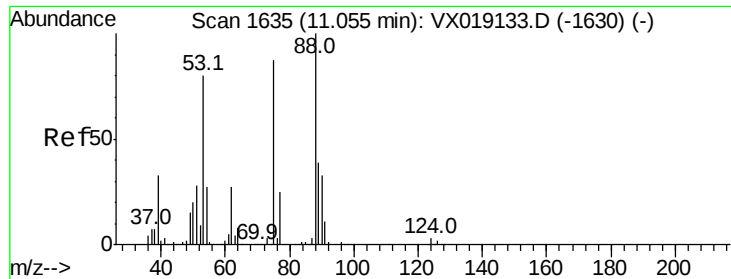
Tot Ion: 91 Resp: 571224
 Ion Ratio Lower Upper
 91 100
 126 33.3 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 52.966 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019162.D
 Acq: 28 Oct 2020 14:05

Tgt Ion: 105 Resp: 720902
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 51.824 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

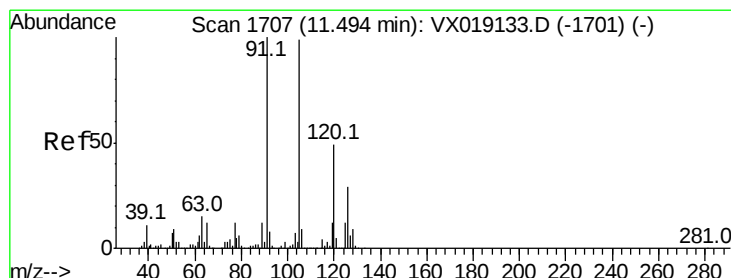
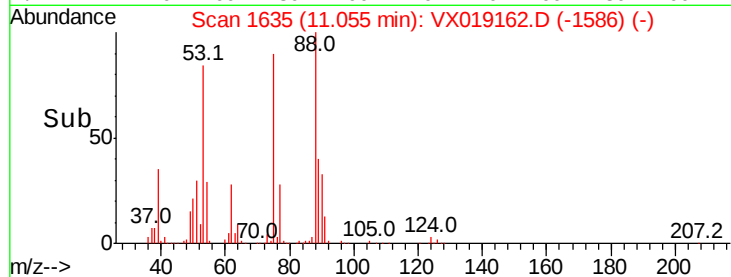
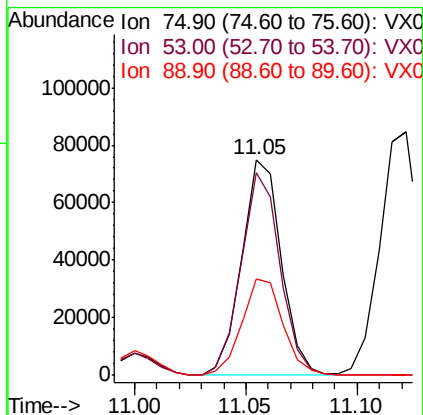
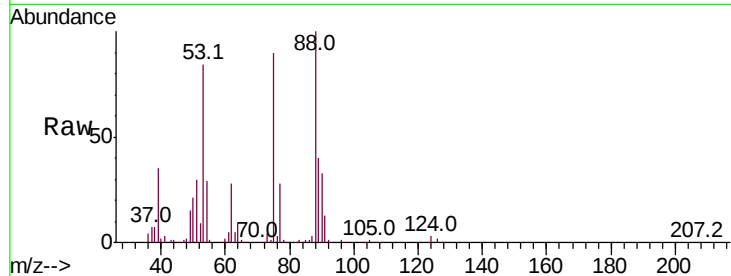
Tot Ion: 75 Resp: 92499

Ion Ratio Lower Upper

75 100

53 93.2 73.3 109.9

89 47.0 38.2 57.2



#82

4-Chlorotoluene

Concen: 51.601 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019162.D

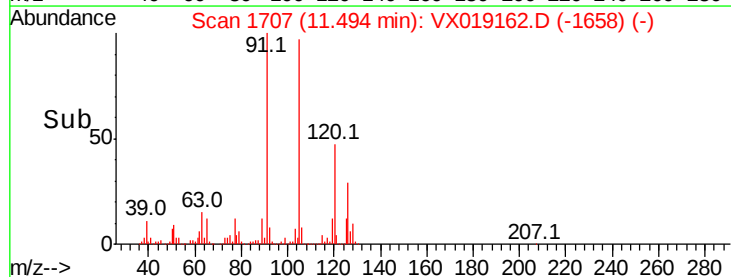
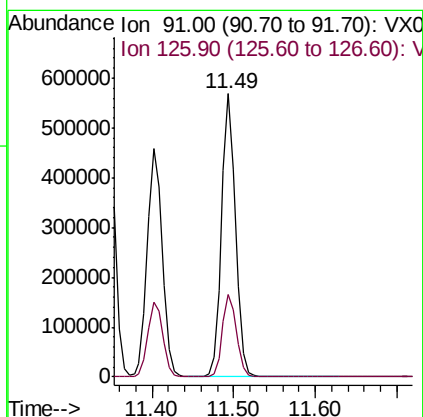
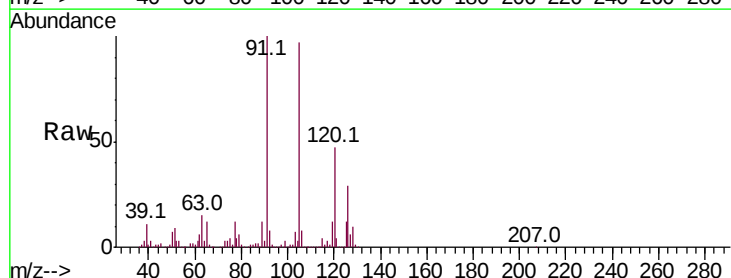
Acq: 28 Oct 2020 14:05

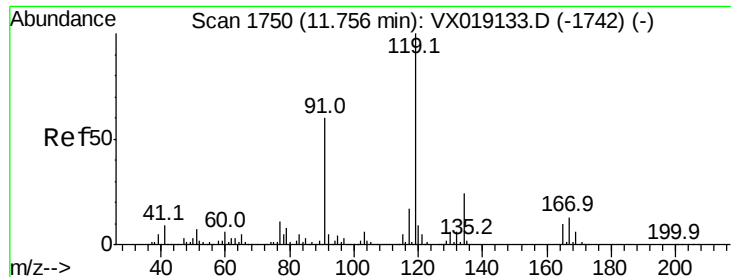
Tgt Ion: 91 Resp: 682283

Ion Ratio Lower Upper

91 100

126 29.3 14.8 44.4

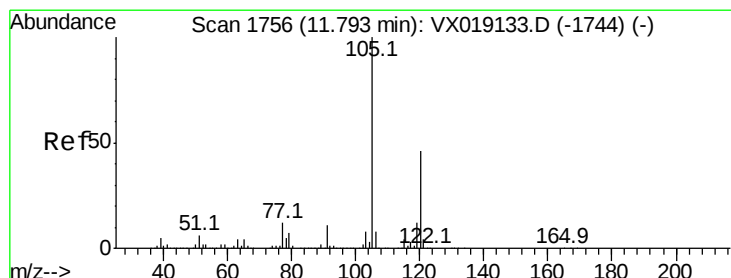
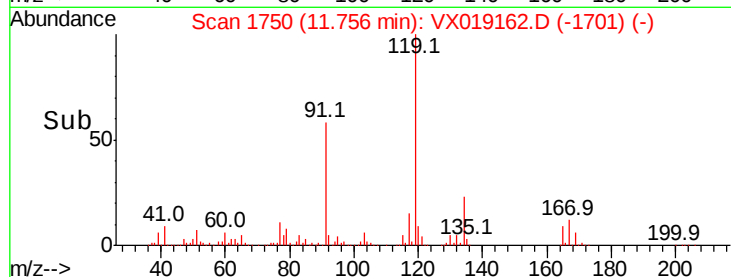
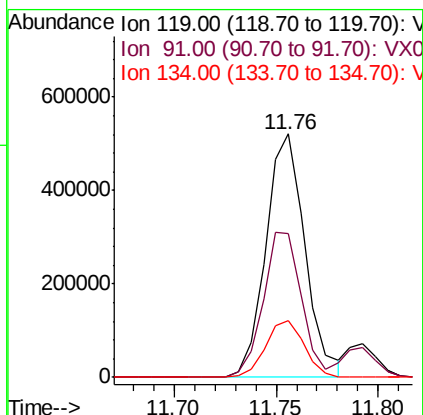
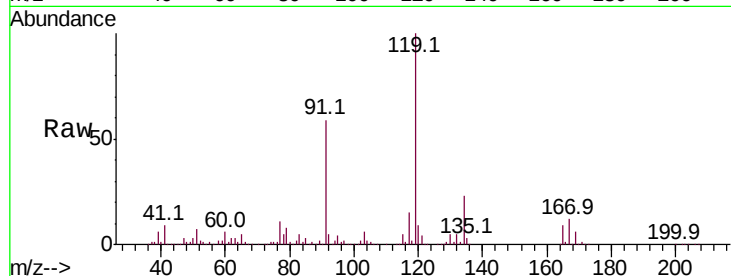




#83
tert-Butylbenzene
Concen: 53.466 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

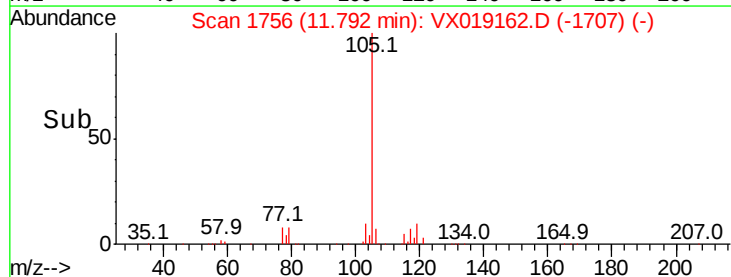
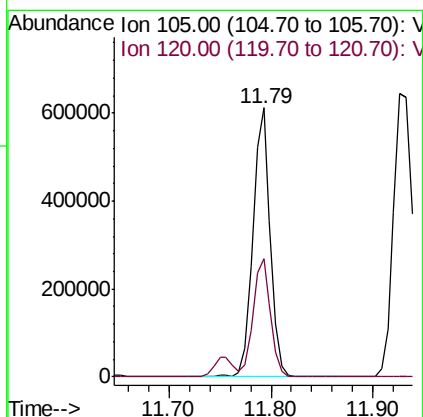
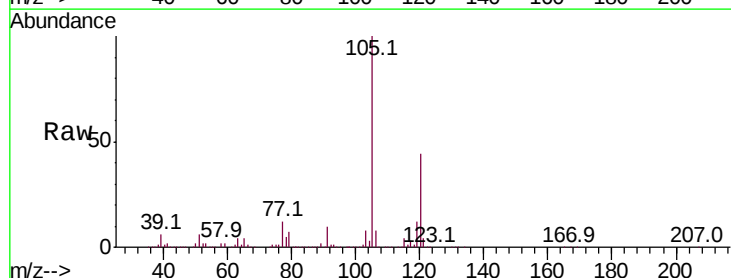
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

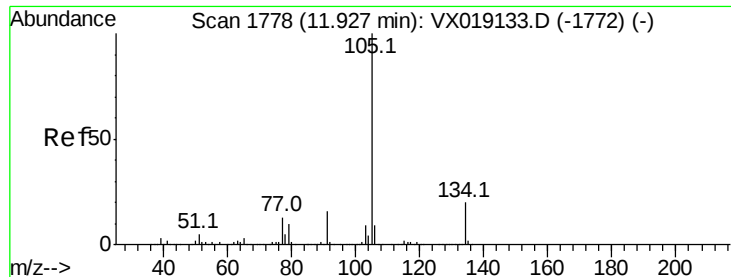
Tot Ion:119 Resp: 696771
Ion Ratio Lower Upper
119 100
91 58.0 29.0 87.1
134 23.0 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 52.791 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Tgt Ion:105 Resp: 725377
Ion Ratio Lower Upper
105 100
120 44.4 22.4 67.3





#85

sec-Butylbenzene

Concen: 53.799 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

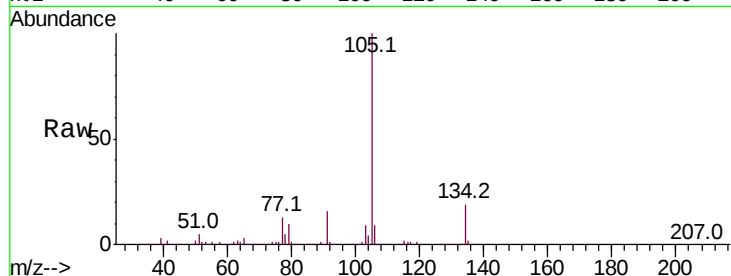
VSTDCCC050EC

Tot Ion:105 Resp: 840885

Ion Ratio Lower Upper

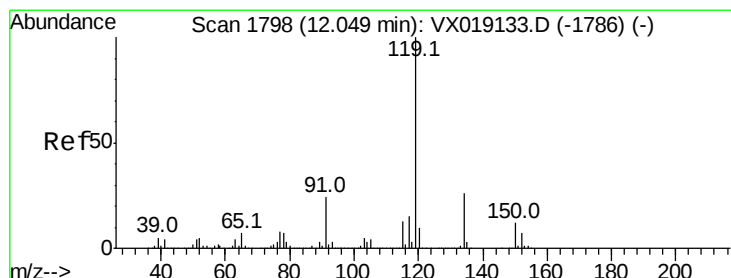
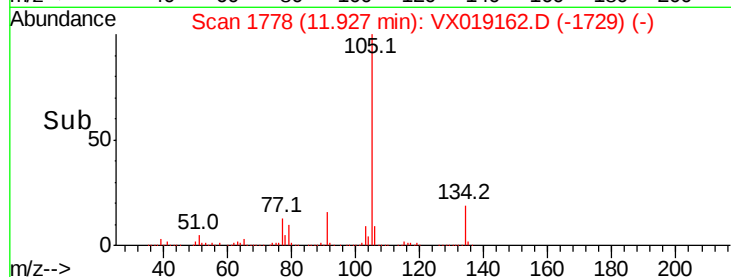
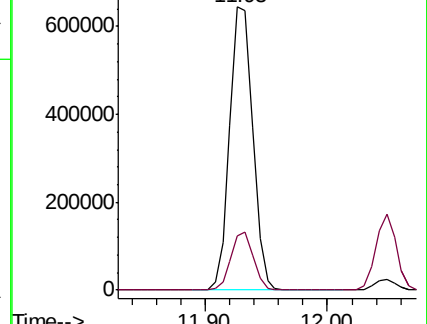
105 100

134 19.8 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.191 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

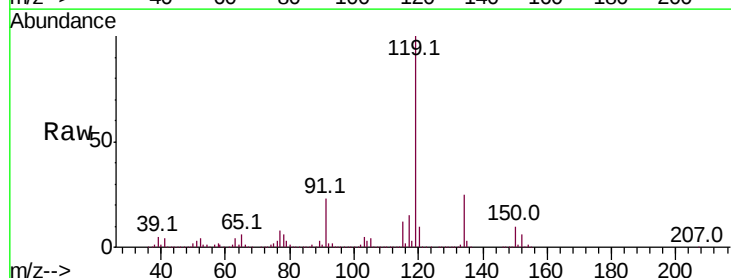
Tgt Ion:119 Resp: 781800

Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.7

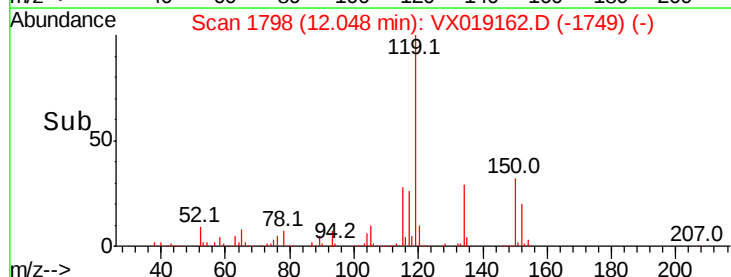
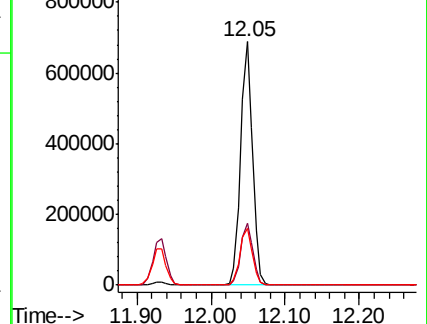
91 24.1 12.0 36.0

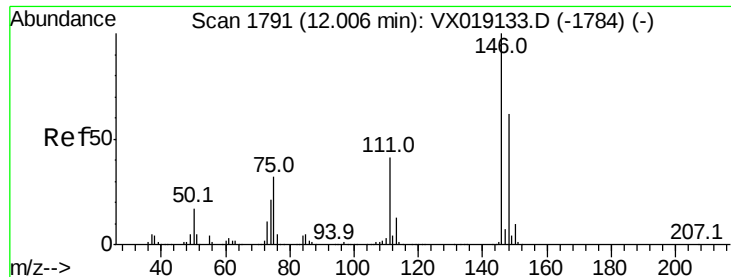


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

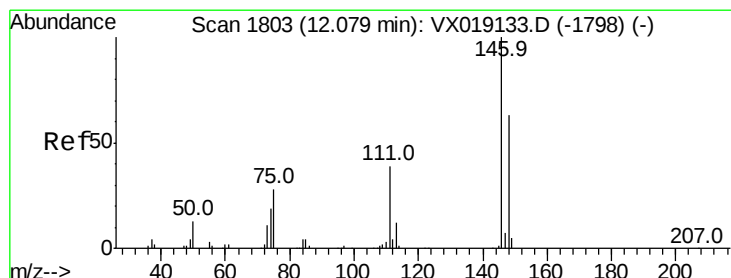
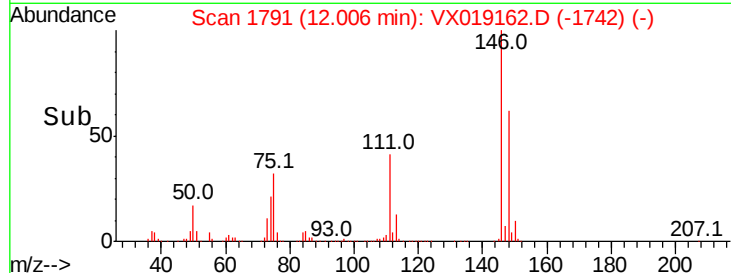
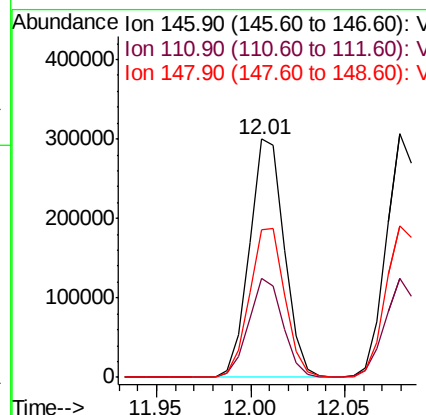
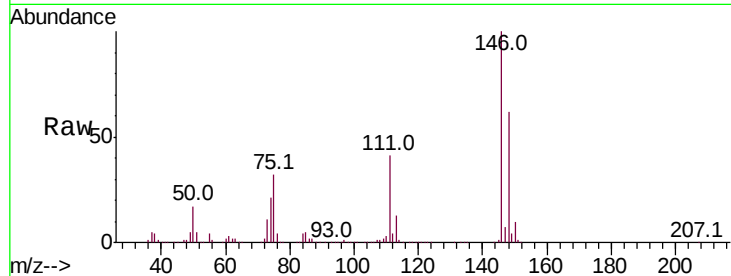




#87
 1,3-Dichlorobenzene
 Concen: 51.580 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019162.D
 Acq: 28 Oct 2020 14:05

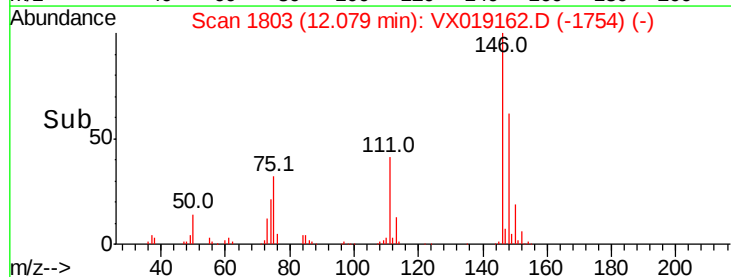
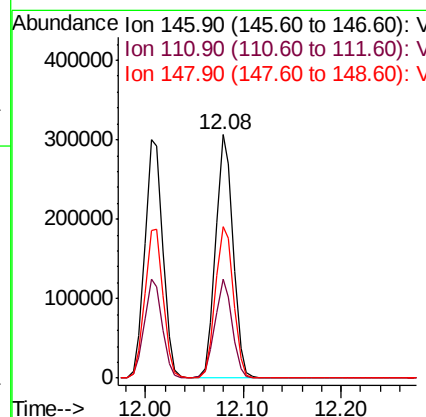
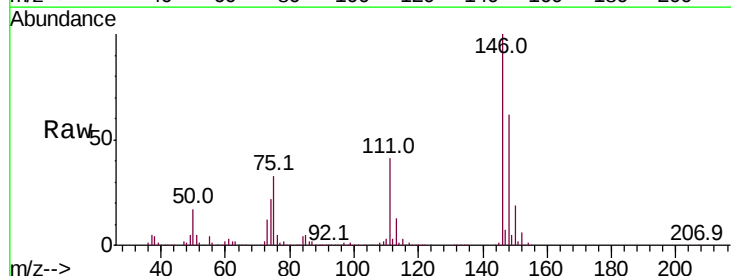
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

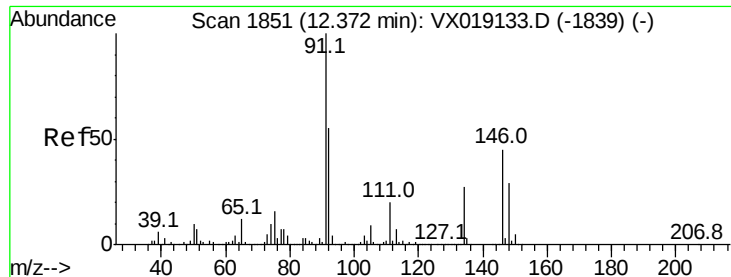
Tot Ion:146 Resp: 384088
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.4 61.2
 148 63.1 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 49.005 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019162.D
 Acq: 28 Oct 2020 14:05

Tgt Ion:146 Resp: 379850
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.2 60.5
 148 64.1 31.3 93.8

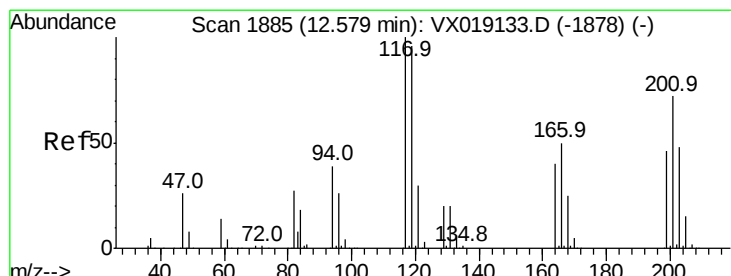
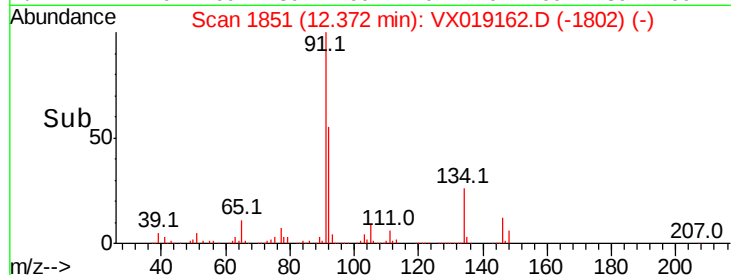
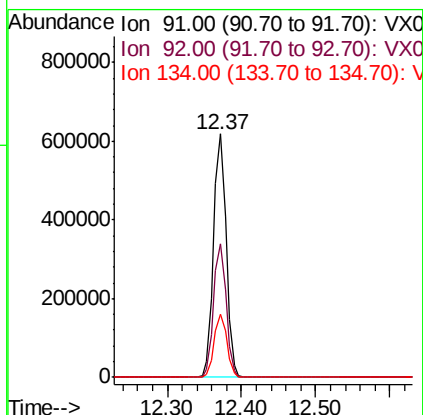
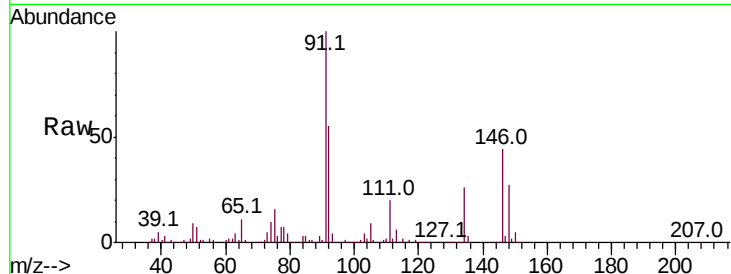




#89
n-Butylbenzene
Concen: 52.697 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

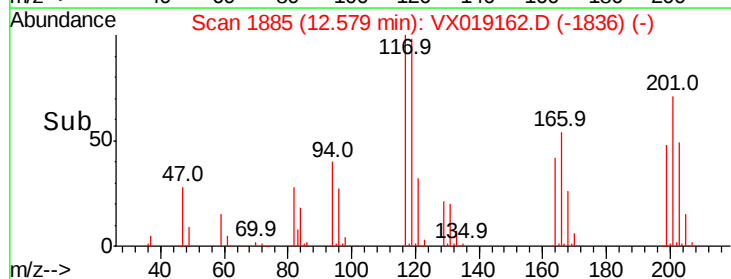
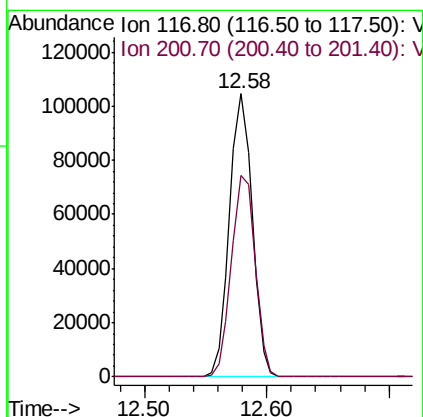
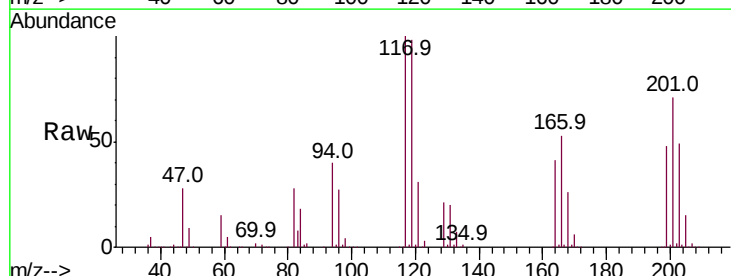
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

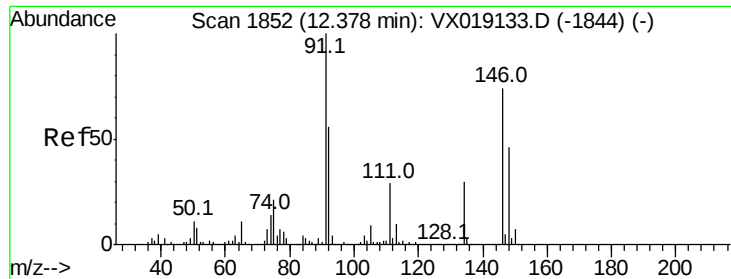
Tot Ion: 91 Resp: 714600
Ion Ratio Lower Upper
91 100
92 54.6 27.5 82.4
134 26.1 13.2 39.6



#90
Hexachloroethane
Concen: 55.000 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Tgt Ion: 117 Resp: 134868
Ion Ratio Lower Upper
117 100
201 74.1 38.5 115.3

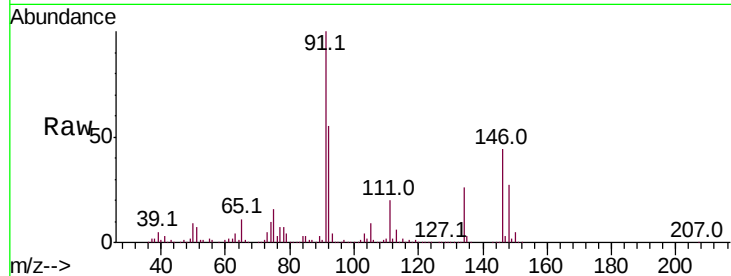




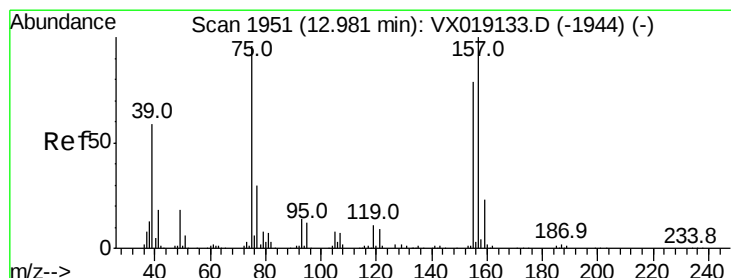
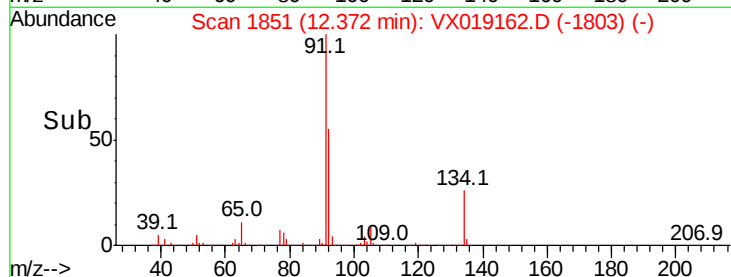
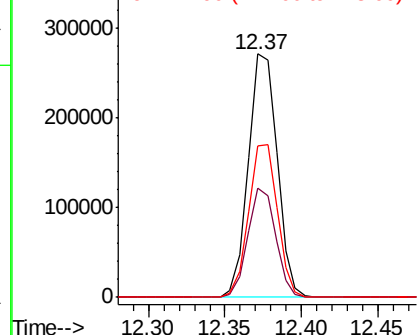
#91
 1,2-Dichlorobenzene
 Concen: 49.982 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX019162.D
 Acq: 28 Oct 2020 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 357385
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.2 63.6
 148 62.8 31.6 94.7

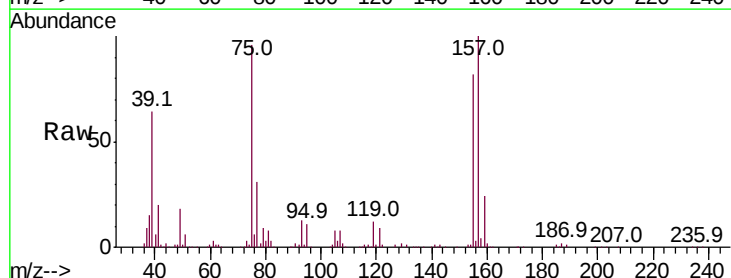


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

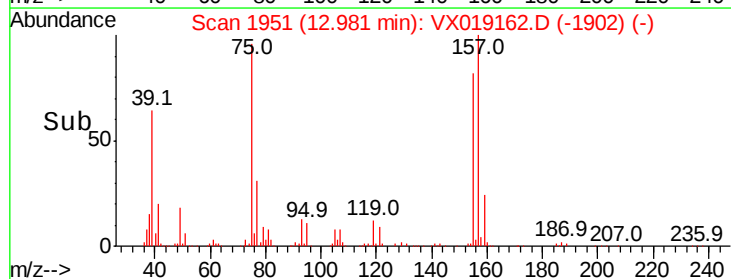
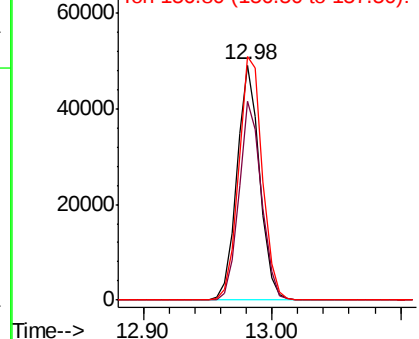


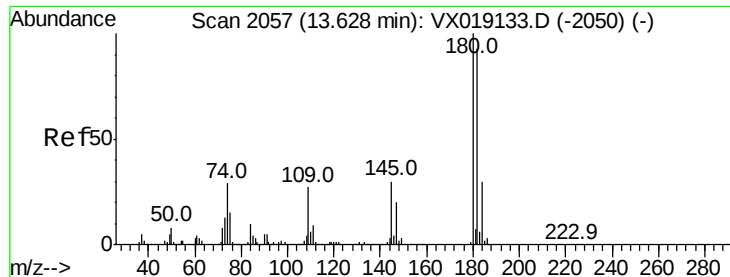
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.944 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019162.D
 Acq: 28 Oct 2020 14:05

Tgt Ion: 75 Resp: 60329
 Ion Ratio Lower Upper
 75 100
 155 83.5 42.8 128.4
 157 107.5 54.8 164.4



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

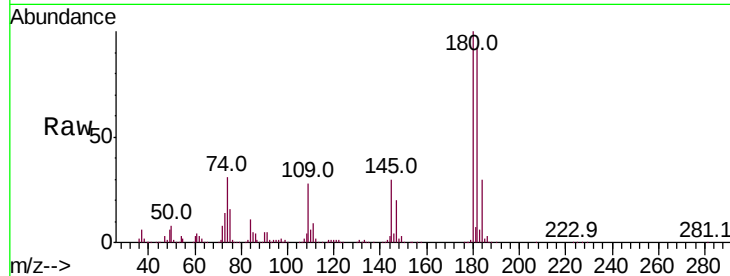




#93
 1,2,4-Trichlorobenzene
 Concen: 46.712 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019162.D
 Acq: 28 Oct 2020 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	46.8	140.3
145	31.0	15.5	46.5

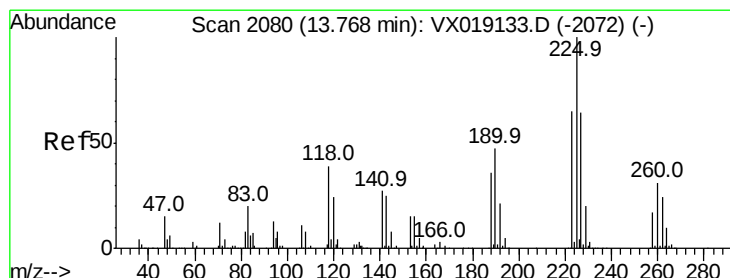
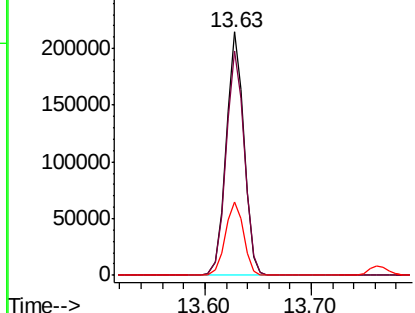
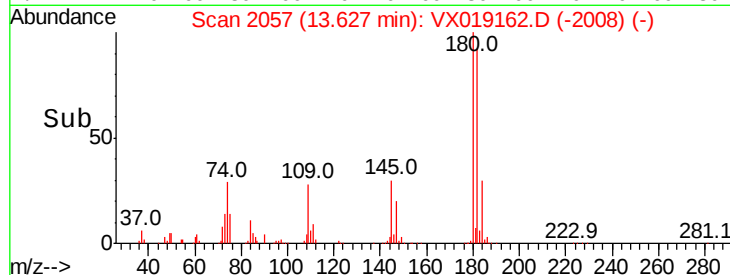


Abundance

Ion 179.80 (179.50 to 180.50): V

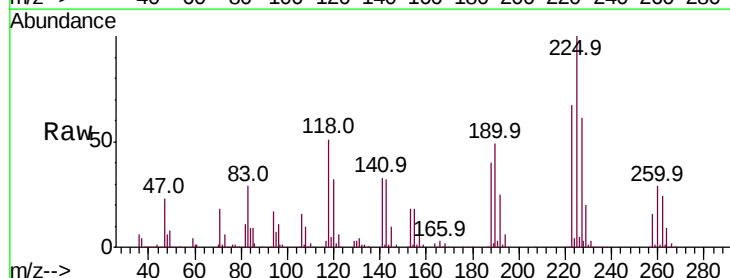
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 45.354 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX019162.D
 Acq: 28 Oct 2020 14:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	32.4	97.2
227	66.0	31.6	94.7

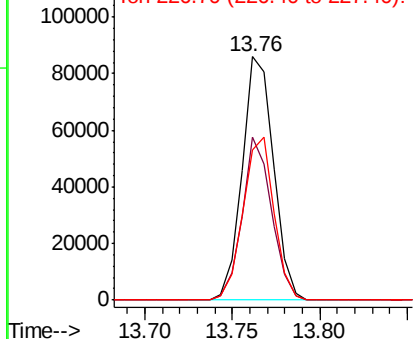
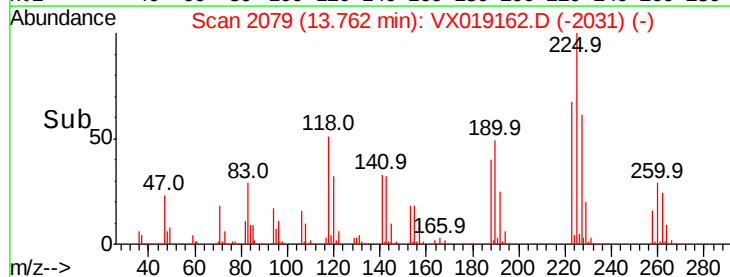


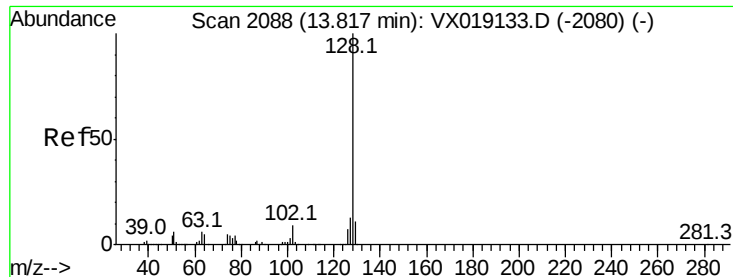
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 48.374 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

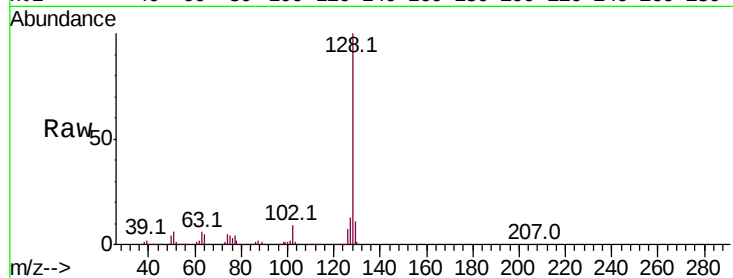
Tot Ion:128 Resp: 818274

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

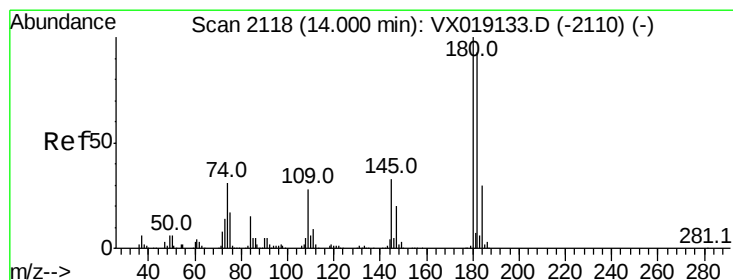
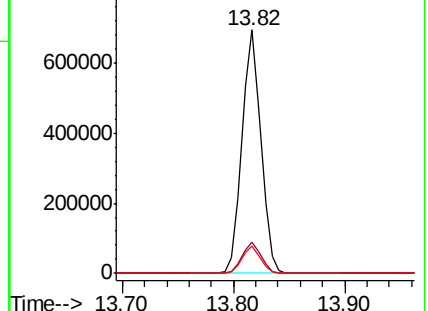
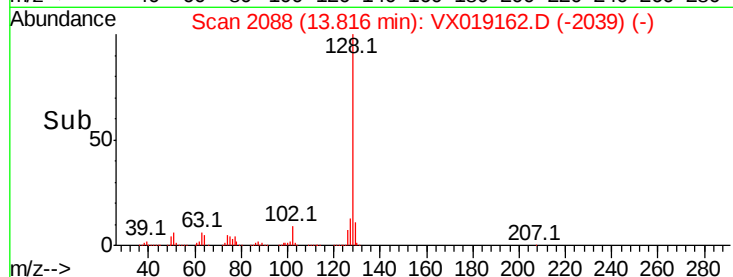
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.061 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

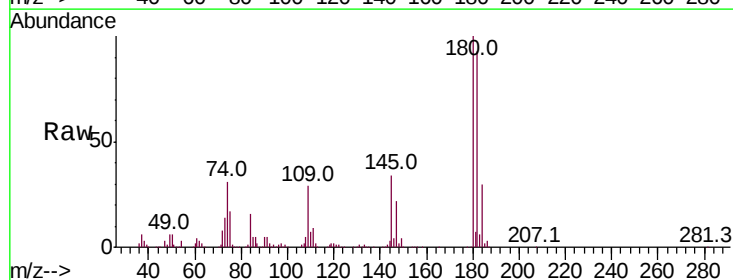
Tgt Ion:180 Resp: 250415

Ion Ratio Lower Upper

180 100

182 94.4 47.8 143.3

145 33.1 16.5 49.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

