

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102620\
 Data File : VX019116.D
 Acq On : 26 Oct 2020 11:45
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Quant Time: Oct 27 05:16:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 11:58:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	45687	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	262641	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.09	117	233182	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	93025	30.57	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.90%
60) 4-Bromofluorobenzene	11.12	95	109448	31.27	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	104.23%
63) Toluene-d8	8.70	98	313144	30.42	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	43646	19.010	ug/l 98
3) Chloromethane	1.31	50	40002	19.282	ug/l 99
4) Vinyl Chloride	1.39	62	51409	18.908	ug/l 100
5) Bromomethane	1.64	94	48161	23.039	ug/l 99
6) Chloroethane	1.72	64	35398	19.212	ug/l 98
7) Trichlorofluoromethane	1.92	101	90418	19.098	ug/l 95
8) Diethyl Ether	2.17	74	34594	19.493	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	46232	20.436	ug/l 99
10) 1,1-Dichloroethene	2.36	96	44628	19.405	ug/l 93
11) Methyl Iodide	2.49	142	44039	21.912	ug/l 95
12) Methyl Acetate	2.75	43	46234	20.307	ug/l 95
13) Acrolein	2.27	56	21596	103.017	ug/l 95
14) Acrylonitrile	3.11	53	108661	101.589	ug/l 98
15) Acetone	2.42	58	35044	114.371	ug/l 98
16) Carbon Disulfide	2.55	76	109334	17.104	ug/l 100
17) Allyl chloride	2.71	41	59030	20.548	ug/l 99
18) Methylene Chloride	2.83	84	52937	20.183	ug/l 100
19) trans-1,2-Dichloroethene	3.14	96	52125	19.406	ug/l 98
20) Diisopropyl ether	3.82	45	119311	20.501	ug/l 93
21) 1,1-Dichloroethane	3.67	63	86564	20.259	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	61379	19.727	ug/l 99
23) tert-Butyl Alcohol	3.01	59	55460	106.951	ug/l # 100
24) Methyl tert-Butyl Ether	3.16	73	147445	20.275	ug/l 99
25) Chloroform	5.17	83	95680	20.210	ug/l 96
26) Cyclohexane	5.54	56	63222	19.041	ug/l # 100
29) 1,1-Dichloropropene	5.76	75	71201	19.217	ug/l 99
30) 2-Butanone	4.63	43	149921	101.568	ug/l 99
31) 2,2-Dichloropropane	4.54	77	85129	20.081	ug/l 97
32) 1,1,1-Trichloroethane	5.46	97	86194	19.355	ug/l 100
33) Carbon Tetrachloride	5.75	117	74333	19.234	ug/l 96
34) Benzene	6.11	78	210352	19.295	ug/l 99
35) Methacrylonitrile	5.00	41	31216	19.536	ug/l 98
36) 1,2-Dichloroethane	6.16	62	72566	19.404	ug/l 99
37) Trichloroethene	7.18	130	60830	19.412	ug/l 100
38) Methylcyclohexane	7.43	83	77326	18.619	ug/l 98
39) 1,2-Dichloropropane	7.49	63	51188	20.227	ug/l 98
40) Dibromomethane	7.63	93	38041	19.369	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	74614	19.216	ug/l	97
42) Vinyl Acetate	3.78	43	562084	97.867	ug/l	100
43) Ethyl Acetate	4.78	43	59023	19.061	ug/l	100
44) Isopropyl Acetate	6.40	43	100607	19.403	ug/l	100
45) 1,4-Dioxane	7.73	88	22457	412.040	ug/l	99
46) Methyl methacrylate	7.74	41	47238	19.248	ug/l	99
47) n-amyl Acetate	10.88	43	81260	19.537	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	82967	19.087	ug/l	99
49) cis-1,3-Dichloropropene	8.42	75	90604	19.587	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	55711	19.584	ug/l	99
51) Ethyl methacrylate	9.16	69	79492	19.151	ug/l	97
52) 1,3-Dichloropropane	9.35	76	90946	19.625	ug/l	100
53) Dibromochloromethane	9.56	129	61317	19.363	ug/l	99
54) 1,2-Dibromoethane	9.65	107	59214	19.156	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	196037	88.375	ug/l	100
56) Bromoform	10.84	173	43235	19.529	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	297383	101.130	ug/l	100
59) 2-Hexanone	9.47	43	227264	103.713	ug/l	99
61) Tetrachloroethene	9.32	164	58975	21.319	ug/l	97
62) Toluene	8.76	91	240631	19.635	ug/l	98
64) Chlorobenzene	10.12	112	152882	20.068	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.20	131	55925	20.185	ug/l	99
66) Ethyl Benzene	10.23	91	265711	19.776	ug/l	97
67) m/p-Xylenes	10.34	106	204009	39.814	ug/l	99
68) o-Xylene	10.68	106	97688	19.989	ug/l	99
69) Styrene	10.70	104	161850	19.656	ug/l	99
70) Isopropylbenzene	11.00	105	261815	19.925	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	80737	21.283	ug/l	100
72) 1,2,3-Trichloropropane	11.28	75	93656	27.453	ug/l	84
73) Bromobenzene	11.24	156	66153	20.599	ug/l	98
74) n-propylbenzene	11.34	91	306702	20.614	ug/l	100
75) 2-Chlorotoluene	11.40	91	174746	20.763	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	220570	20.686	ug/l	99
77) t-1,4-Dichloro-2-butene	11.05	75	26754	19.747	ug/l	93
78) 4-Chlorotoluene	11.49	91	206314	20.861	ug/l	98
79) tert-butylbenzene	11.75	119	214839	20.461	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	219124	20.673	ug/l	99
81) sec-Butylbenzene	11.93	105	261544	21.051	ug/l	100
82) p-Isopropyltoluene	12.05	119	240205	20.978	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	121925	21.242	ug/l	100
84) 1,4-Dichlorobenzene	12.08	146	124705	21.399	ug/l	99
85) n-Butylbenzene	12.37	91	220277	21.486	ug/l	100
86) Hexachloroethane	12.58	117	35462	20.164	ug/l	100
87) 1,2-Dichlorobenzene	12.38	146	118081	21.489	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.98	75	16894	19.677	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	84110	21.270	ug/l	98
90) Hexachlorobutadiene	13.76	225	35963	21.449	ug/l	99
91) Naphthalene	13.82	128	262008	20.240	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	81839	21.515	ug/l	99

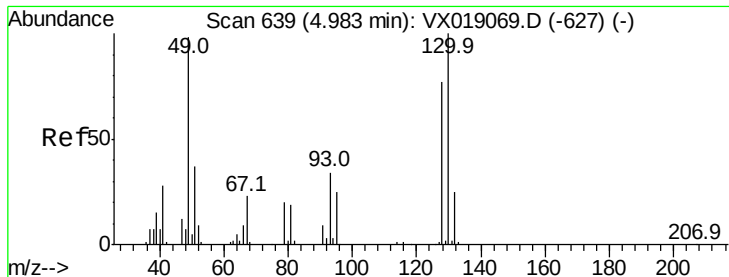
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 638

Delta R.T. -0.01 min

Lab File: VX019116.D

Acq: 26 Oct 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

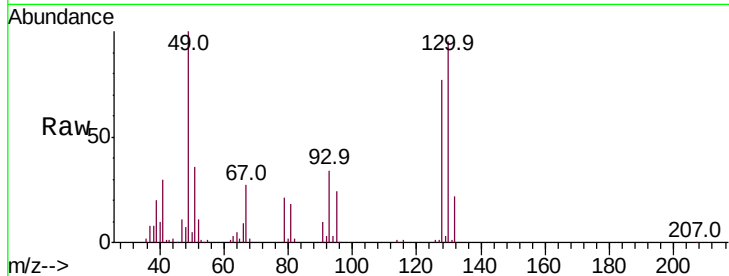
Tot Ion:128 Resp: 45687

Ion Ratio Lower Upper

128 100

49 125.3 0.0 318.8

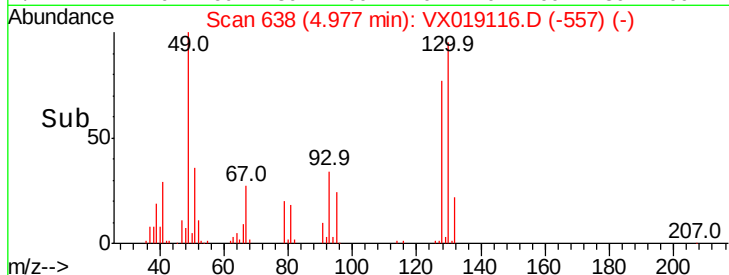
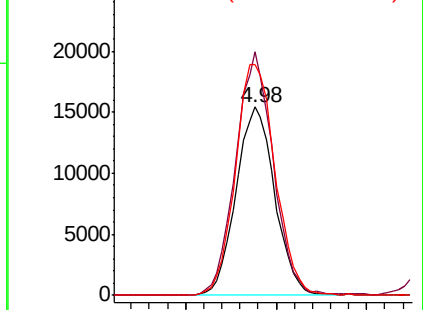
130 125.7 0.0 321.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 19.010 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019116.D

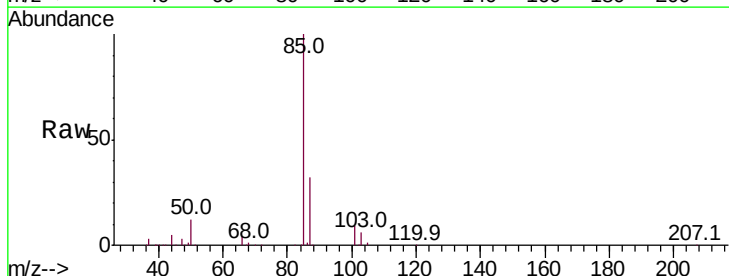
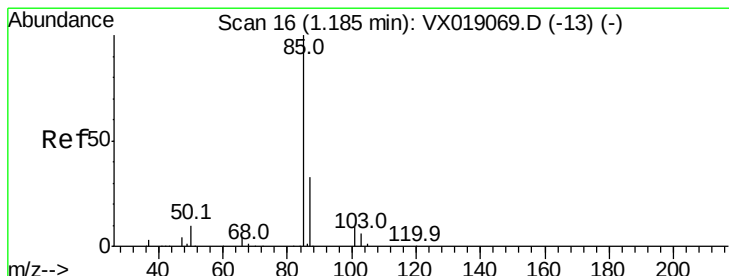
Acq: 26 Oct 2020 11:45

Tgt Ion: 85 Resp: 43646

Ion Ratio Lower Upper

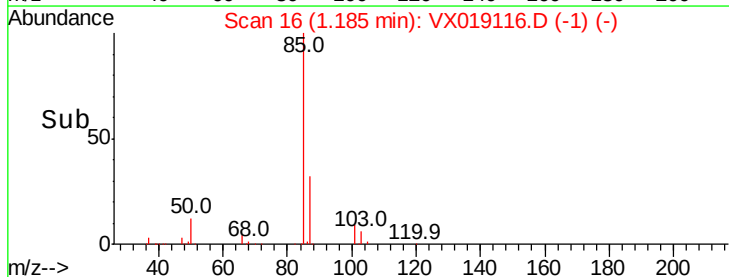
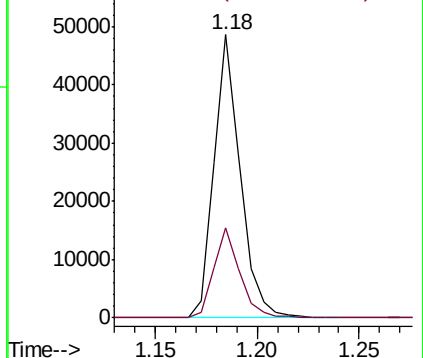
85 100

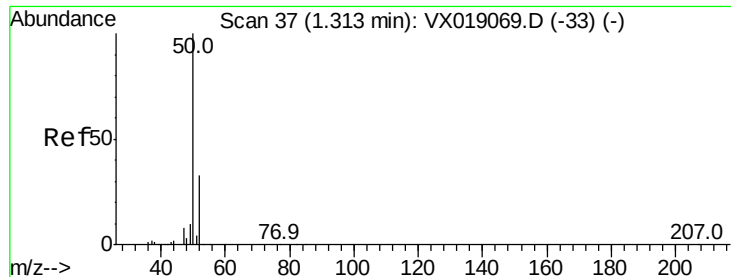
87 31.9 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

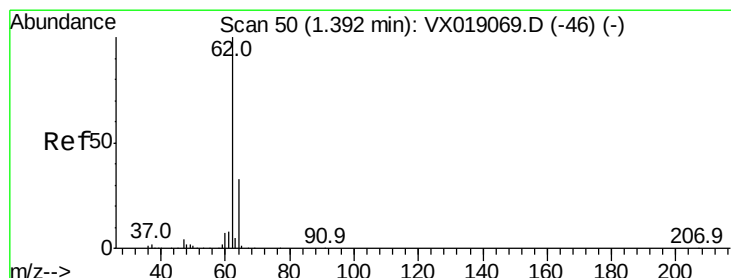
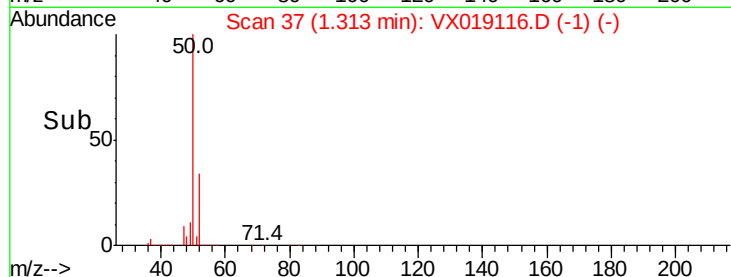
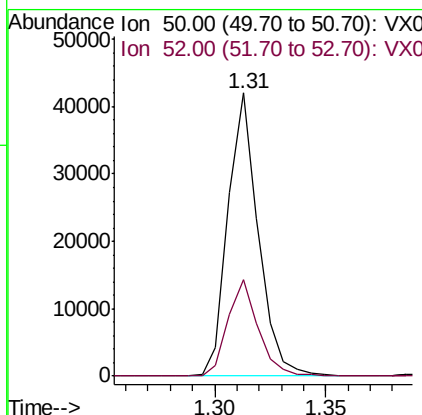
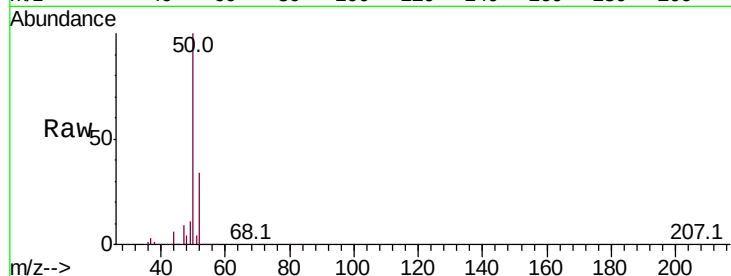




#3
Chloromethane
Concen: 19.282 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX019116.D
Acq: 26 Oct 2020 11:45

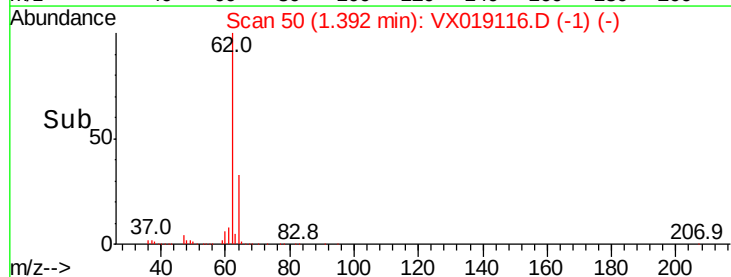
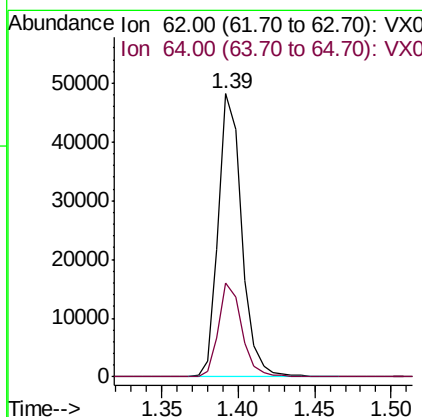
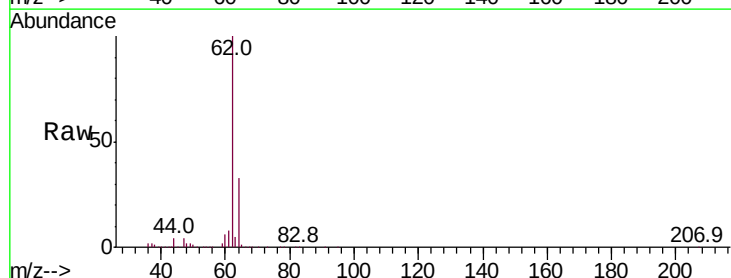
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

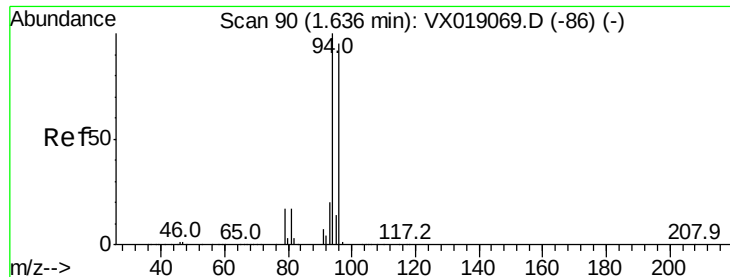
Tot Ion: 50 Resp: 40002
Ion Ratio Lower Upper
50 100
52 33.9 26.7 40.1



#4
Vinyl Chloride
Concen: 18.908 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX019116.D
Acq: 26 Oct 2020 11:45

Tgt Ion: 62 Resp: 51409
Ion Ratio Lower Upper
62 100
64 33.3 26.7 40.1





#5

Bromomethane

Concen: 23.039 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX019116.D

Acq: 26 Oct 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

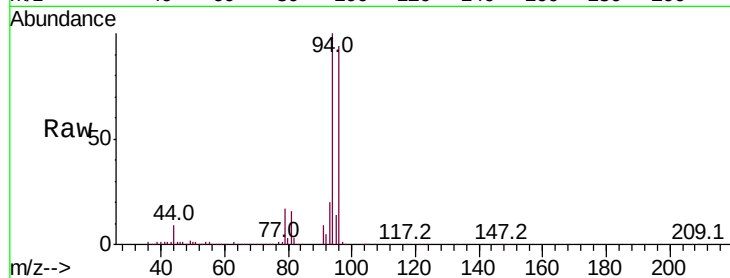
VSTDCCC020

Tot Ion: 94 Resp: 48161

Ion Ratio Lower Upper

94 100

96 94.2 76.2 114.2



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

1.64

50000

40000

30000

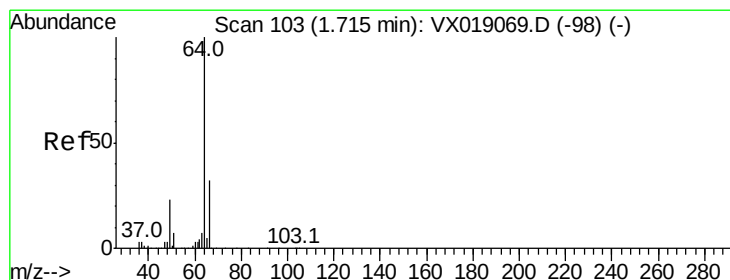
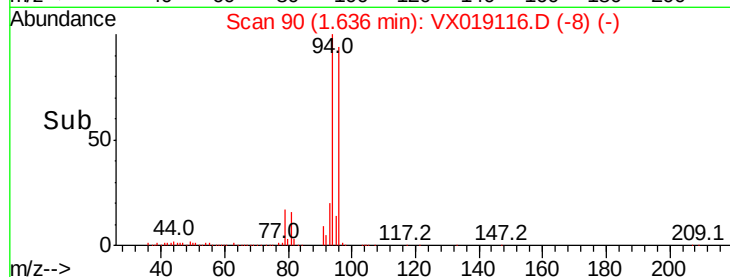
20000

10000

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 19.212 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX019116.D

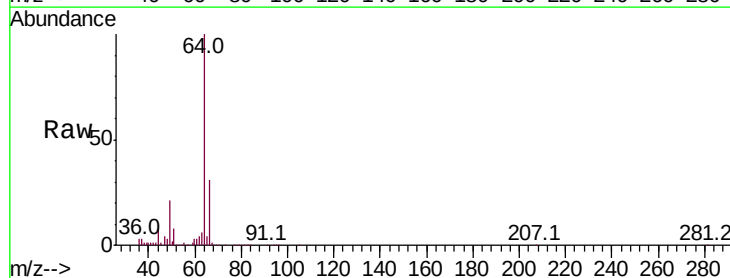
Acq: 26 Oct 2020 11:45

Tgt Ion: 64 Resp: 35398

Ion Ratio Lower Upper

64 100

66 31.3 25.9 38.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

1.72

30000

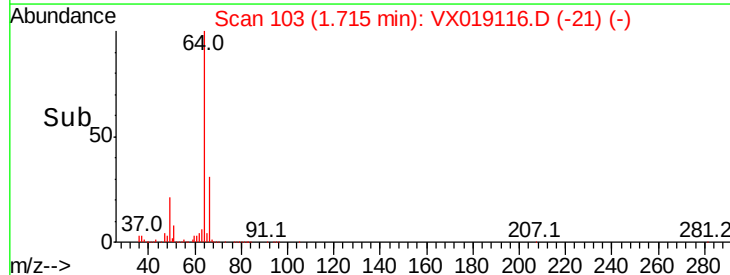
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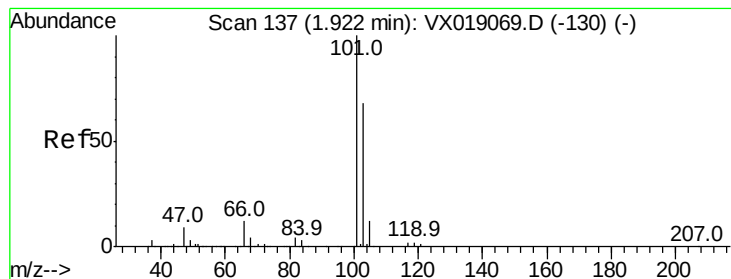
10000

0

1.65 1.70 1.75 1.80

Time-->



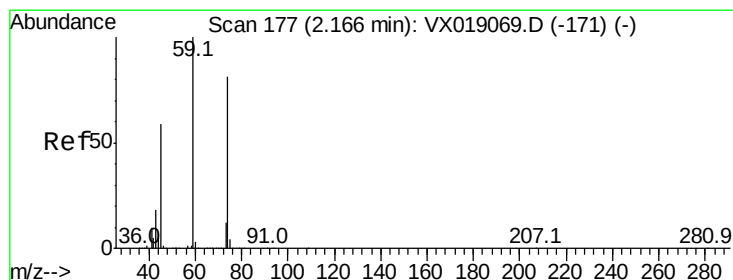
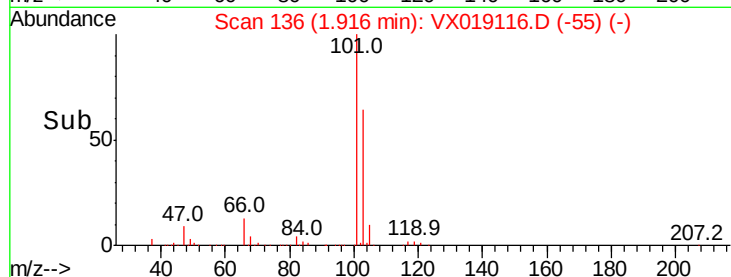
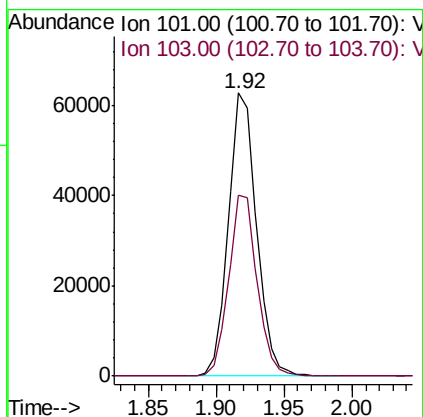
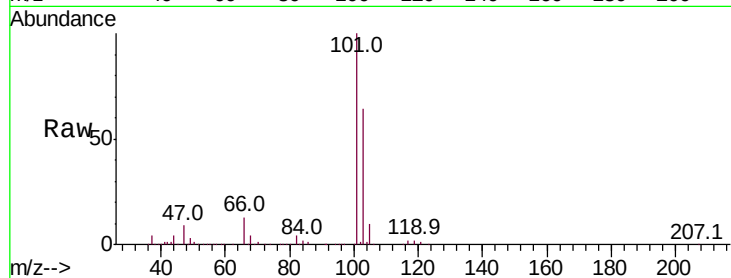


#7

Trichlorofluoromethane
 Concen: 19.098 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.01 min
 Lab File: VX019116.D
 Acq: 26 Oct 2020 11:45

Instrument :
 MSVOA_X
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 VSTDCCC020

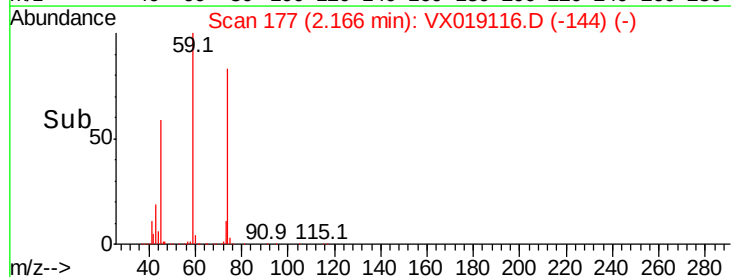
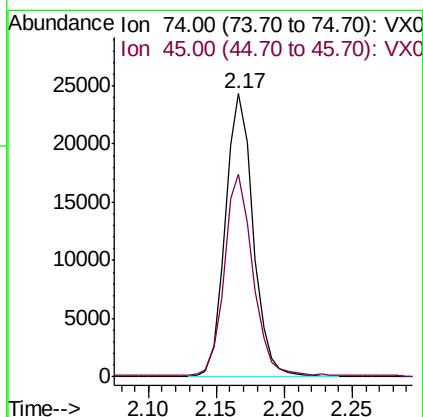
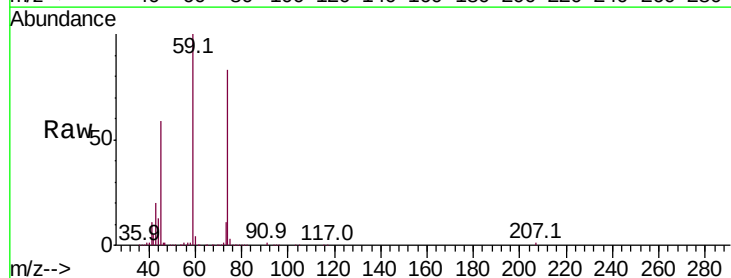
Tot Ion:101 Resp: 90418
 Ion Ratio Lower Upper
 101 100
 103 63.9 54.2 81.4

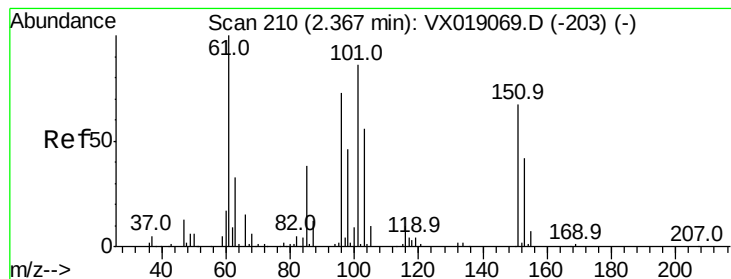


#8

Diethyl Ether
 Concen: 19.493 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX019116.D
 Acq: 26 Oct 2020 11:45

Tgt Ion: 74 Resp: 34594
 Ion Ratio Lower Upper
 74 100
 45 72.5 14.5 130.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.436 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX019116.D

Acq: 26 Oct 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

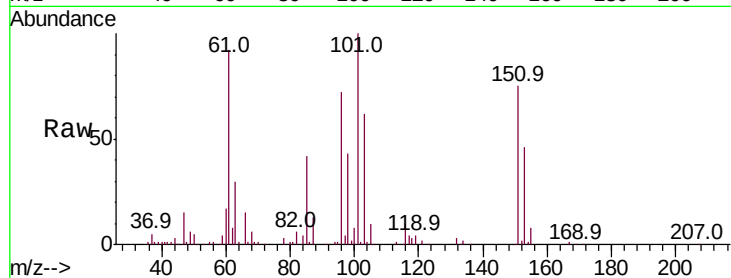
Tot Ion:101 Resp: 46232

Ion Ratio Lower Upper

101 100

85 43.1 0.0 87.0

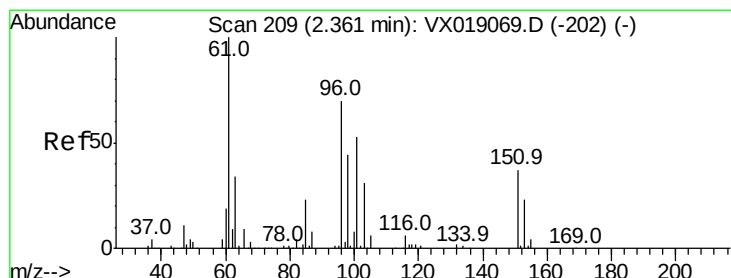
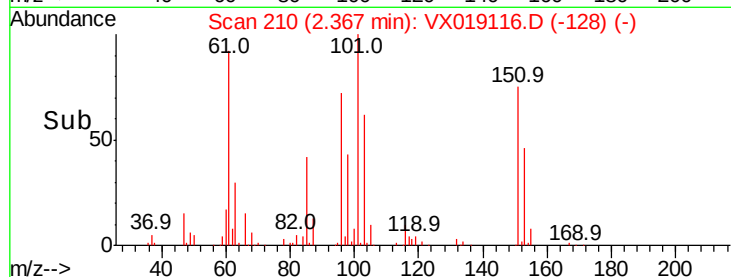
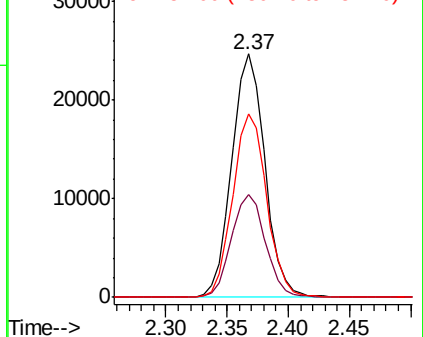
151 77.4 0.0 151.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.405 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX019116.D

Acq: 26 Oct 2020 11:45

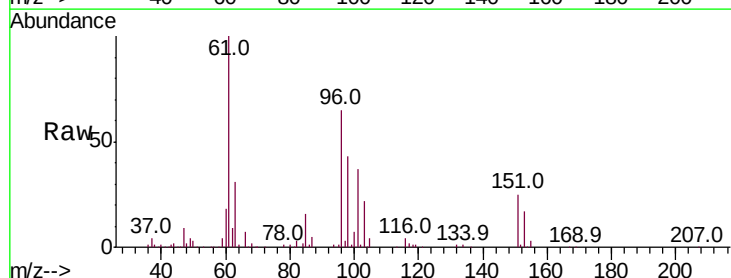
Tgt Ion: 96 Resp: 44628

Ion Ratio Lower Upper

96 100

61 153.3 113.8 170.8

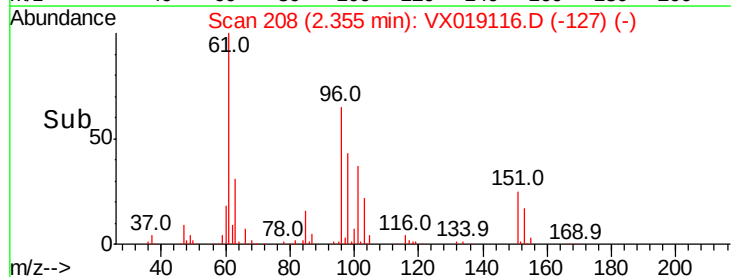
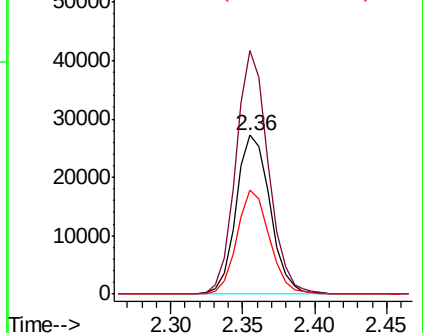
98 65.8 50.4 75.6

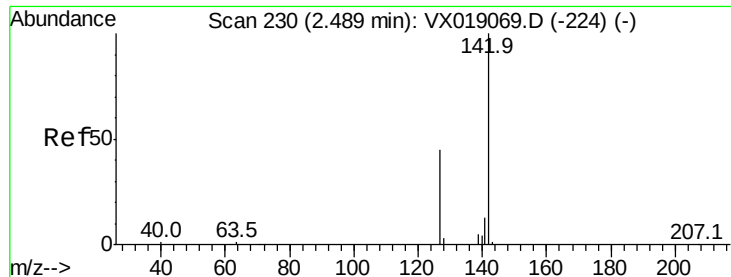


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

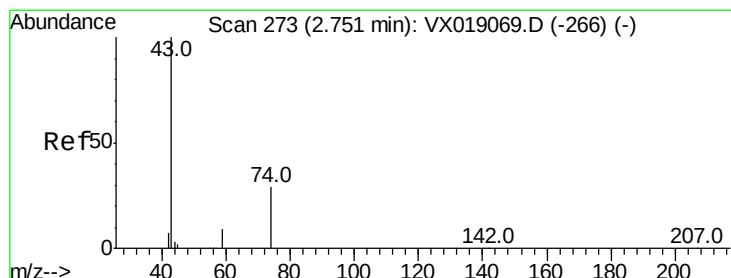
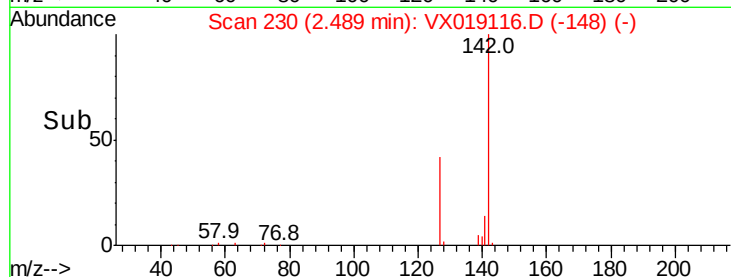
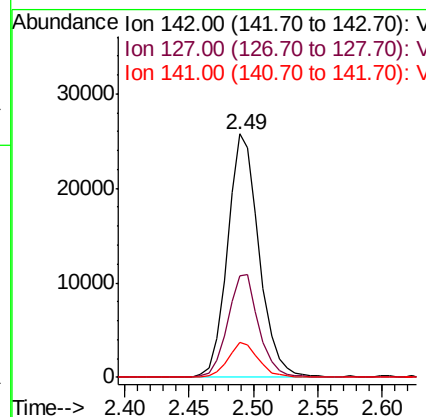
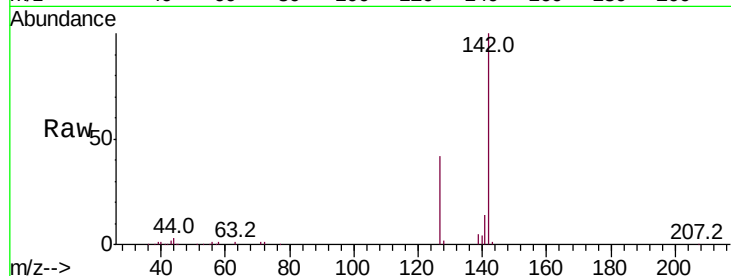




#11
Methvl Iodide
Concen: 21.912 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX019116.D
Acq: 26 Oct 2020 11:45

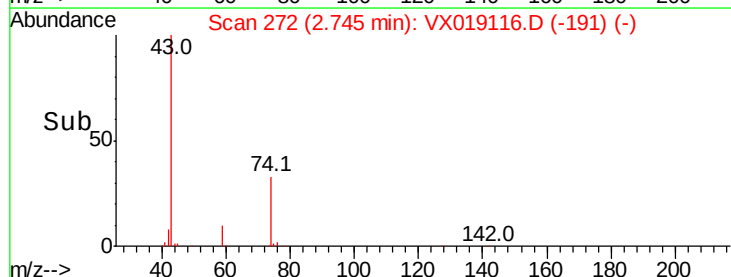
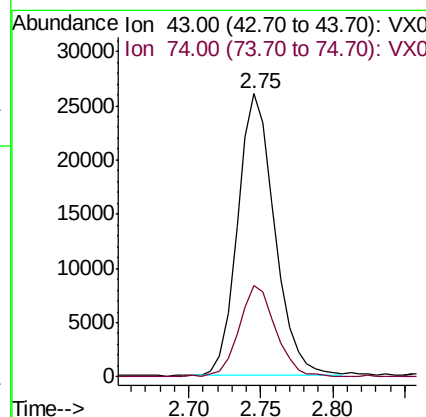
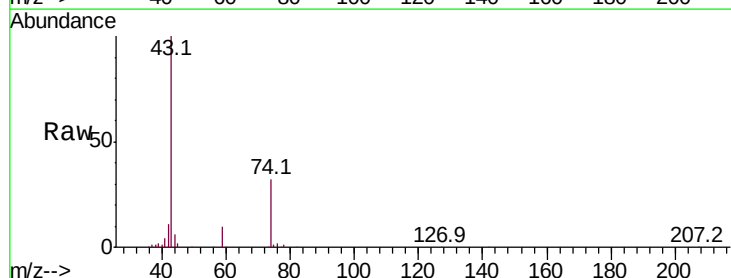
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

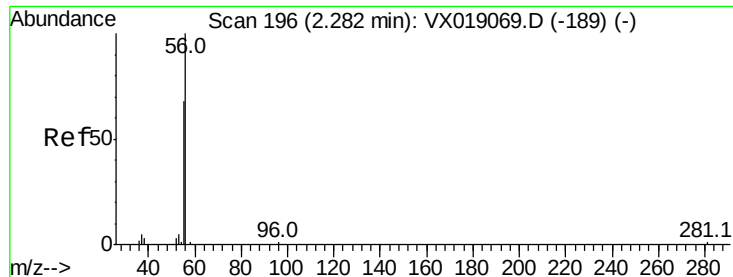
Tot Ion:142 Resp: 44039
Ion Ratio Lower Upper
142 100
127 42.0 22.6 67.7
141 14.5 6.3 19.1



#12
Methyl Acetate
Concen: 20.307 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX019116.D
Acq: 26 Oct 2020 11:45

Tgt Ion: 43 Resp: 46234
Ion Ratio Lower Upper
43 100
74 32.3 23.9 35.9





#13

Acrolein

Concen: 103.017 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX019116.D

Acq: 26 Oct 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

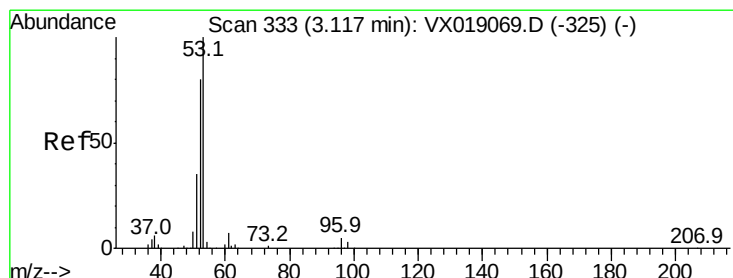
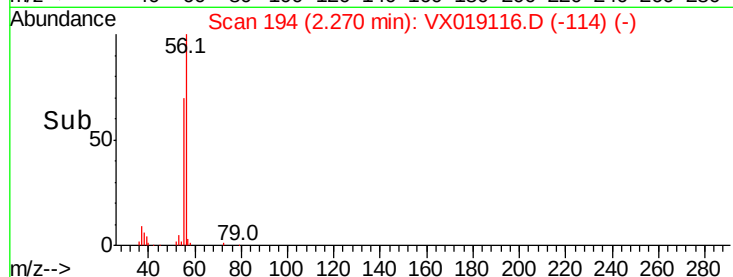
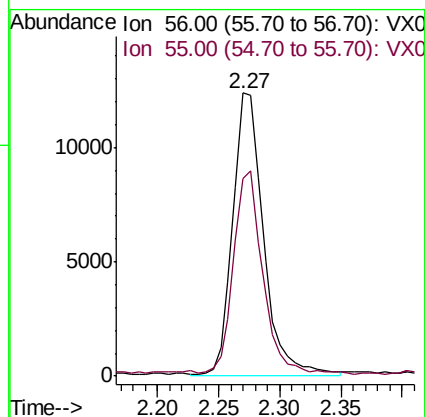
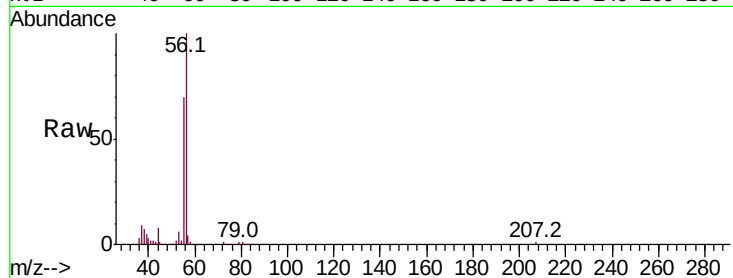
VSTDCCC020

Tot Ion: 56 Resp: 21596

Ion Ratio Lower Upper

56 100

55 68.6 58.2 87.2



#14

Acrylonitrile

Concen: 101.589 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019116.D

Acq: 26 Oct 2020 11:45

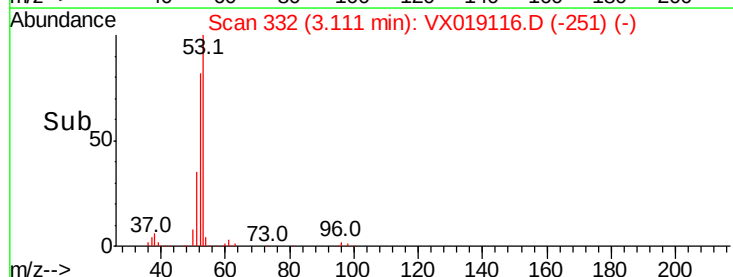
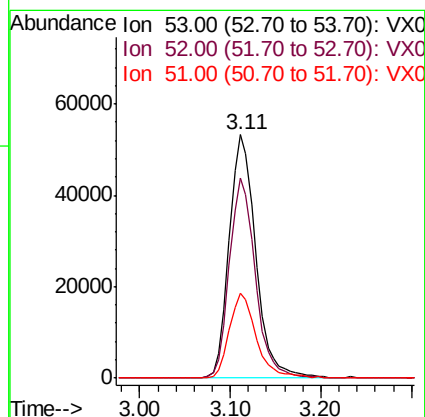
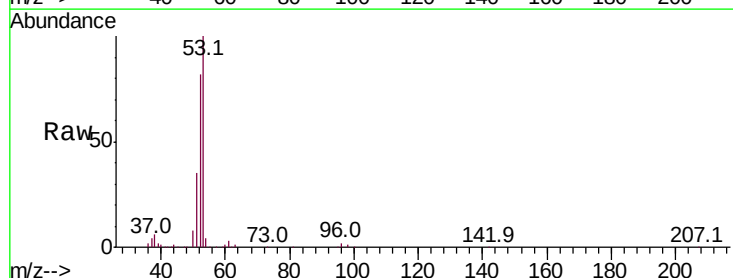
Tgt Ion: 53 Resp: 108661

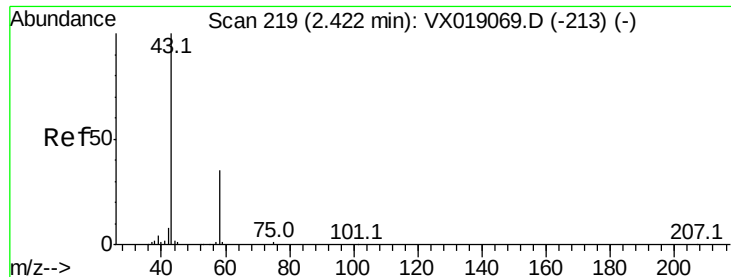
Ion Ratio Lower Upper

53 100

52 80.5 41.0 123.0

51 35.3 18.2 54.6





#15

Acetone

Concen: 114.371 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX019116.D

Acq: 26 Oct 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

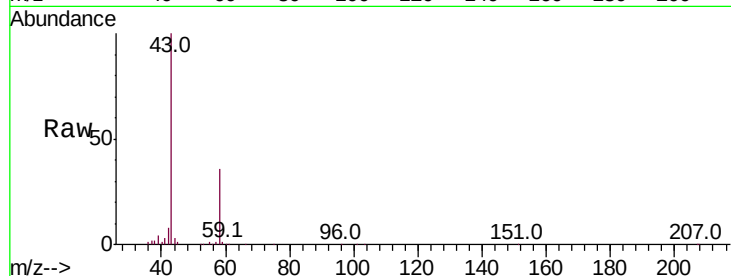
VSTDCCC020

Tot Ion: 58 Resp: 35044

Ion Ratio Lower Upper

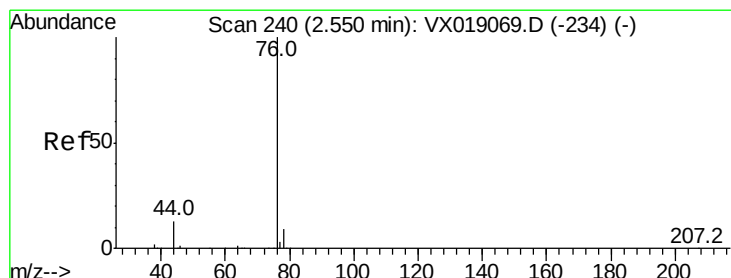
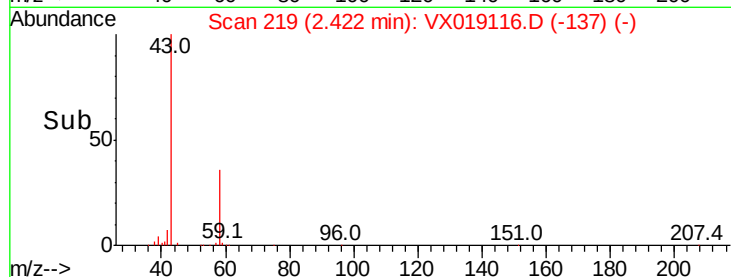
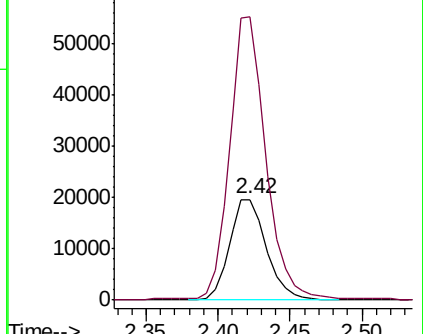
58 100

43 279.7 226.7 340.1



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 17.104 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019116.D

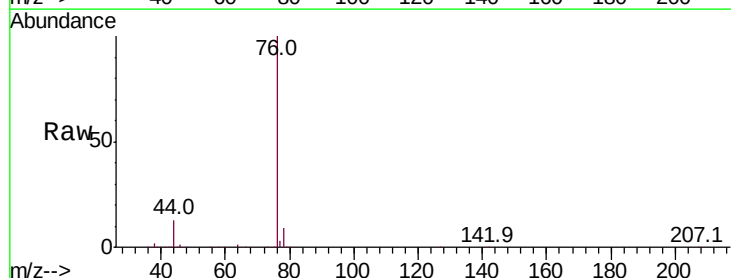
Acq: 26 Oct 2020 11:45

Tgt Ion: 76 Resp: 109334

Ion Ratio Lower Upper

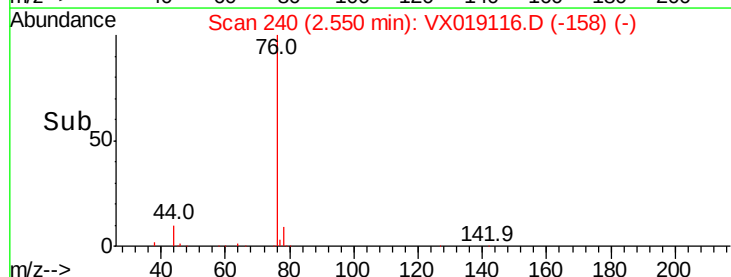
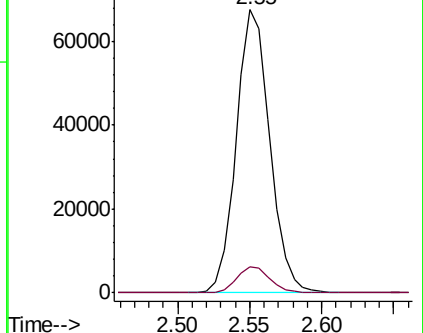
76 100

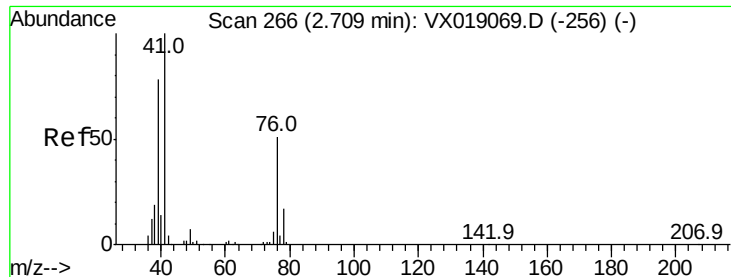
78 9.2 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

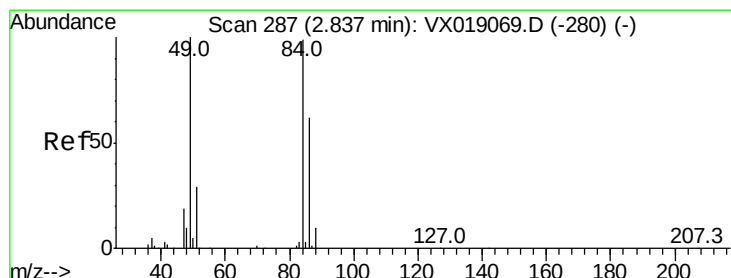
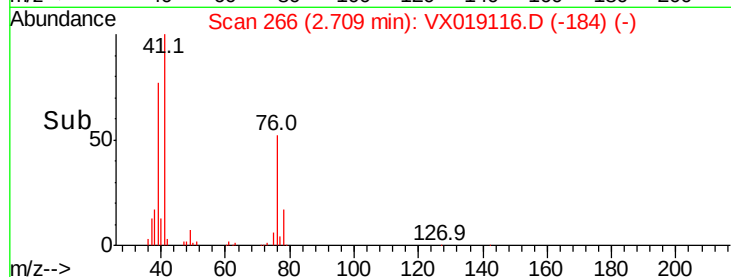
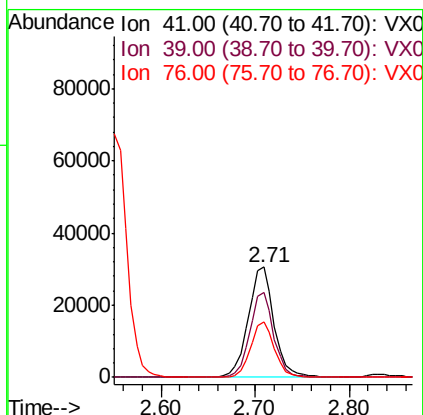
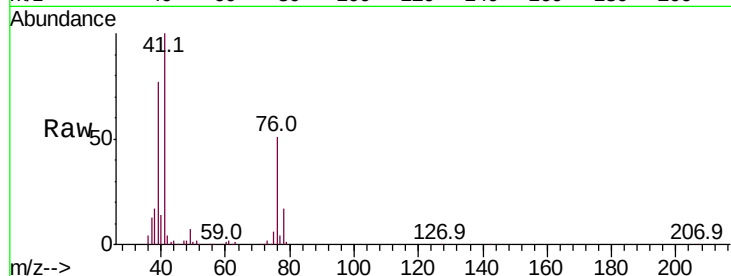




#17
Allvl chloride
Concen: 20.548 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX019116.D
Acq: 26 Oct 2020 11:45

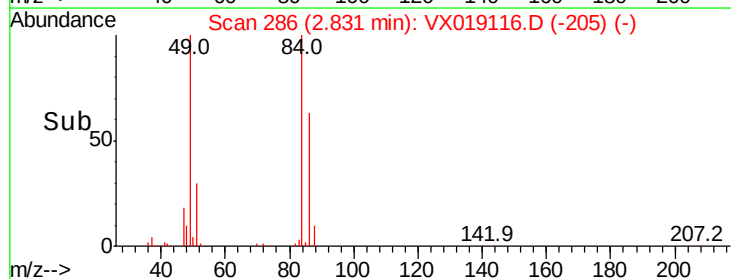
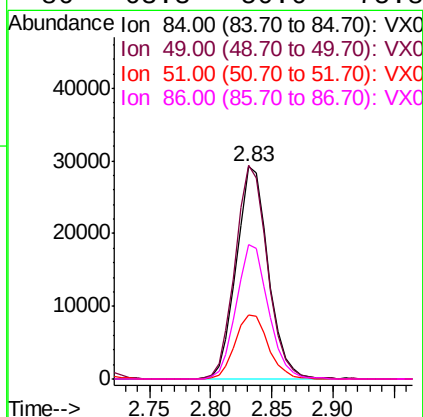
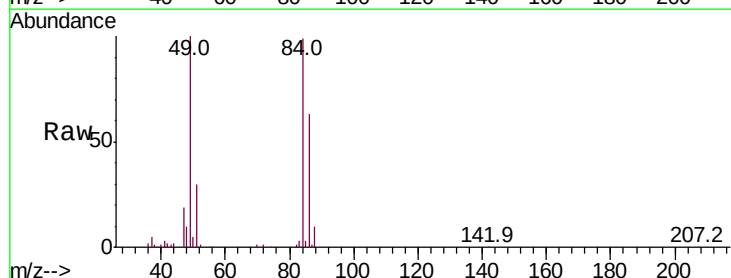
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

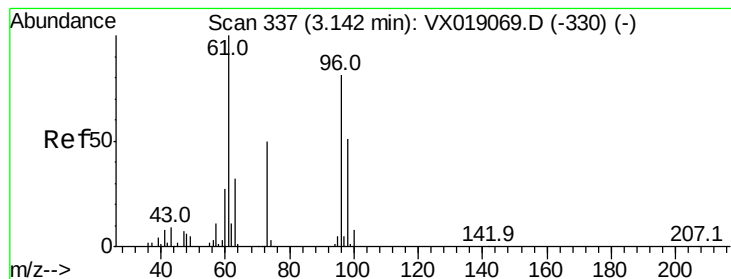
Tot Ion: 41 Resp: 59030
Ion Ratio Lower Upper
41 100
39 77.0 38.8 116.3
76 51.0 25.8 77.4



#18
Methylene Chloride
Concen: 20.183 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX019116.D
Acq: 26 Oct 2020 11:45

Tgt Ion: 84 Resp: 52937
Ion Ratio Lower Upper
84 100
49 100.7 80.9 121.3
51 30.4 23.8 35.6
86 63.3 50.6 75.8





#19

trans-1,2-Dichloroethene

Concen: 19.406 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX019116.D

Acq: 26 Oct 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

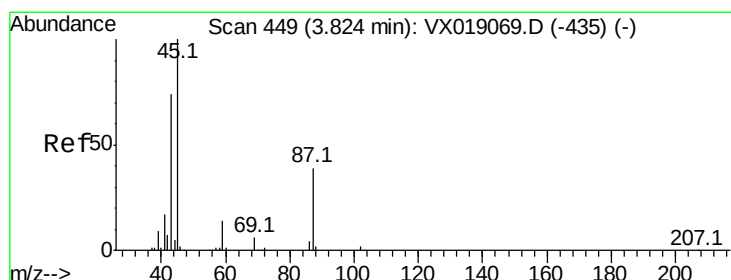
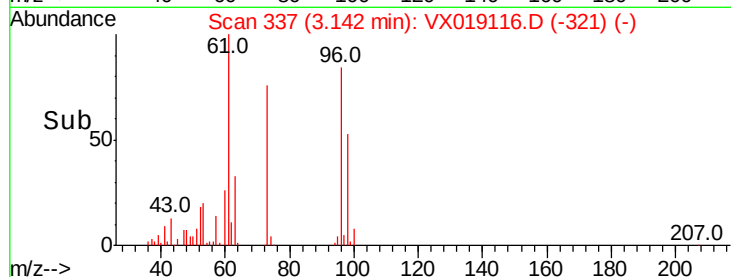
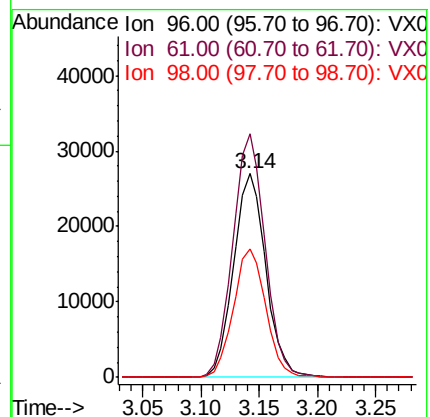
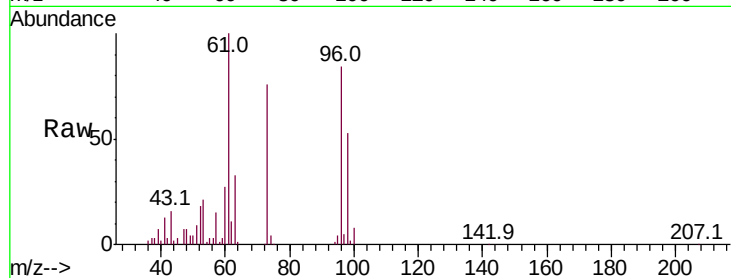
Tot Ion: 96 Resp: 52125

Ion Ratio Lower Upper

96 100

61 119.6 98.4 147.6

98 63.1 49.9 74.9



#20

Diisopropyl ether

Concen: 20.501 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX019116.D

Acq: 26 Oct 2020 11:45

Tgt Ion: 45 Resp: 119311

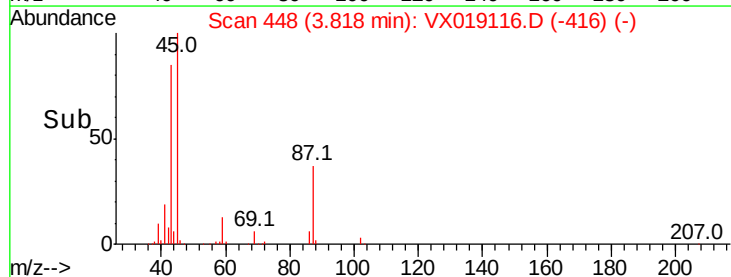
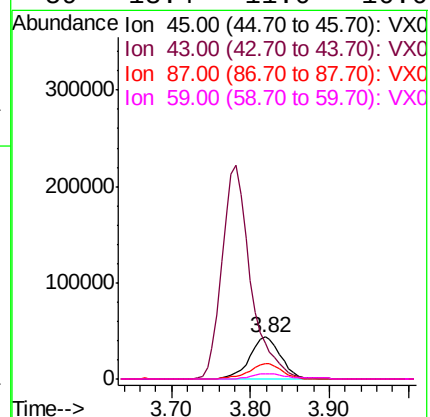
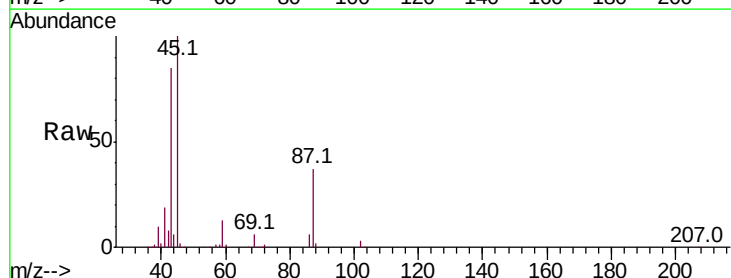
Ion Ratio Lower Upper

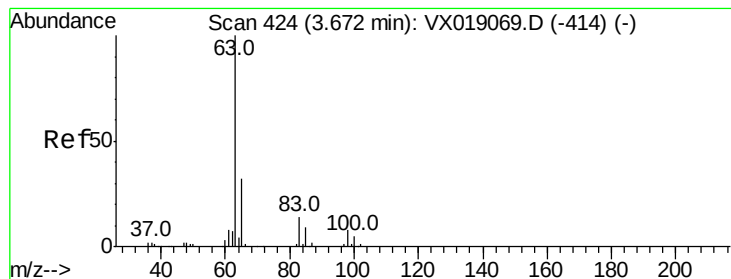
45 100

43 84.5 60.6 91.0

87 36.7 30.9 46.3

59 13.4 11.0 16.6





#21

1,1-Dichloroethane

Concen: 20.259 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX019116.D

Acq: 26 Oct 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

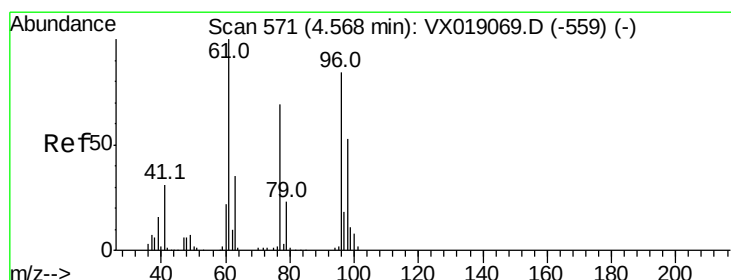
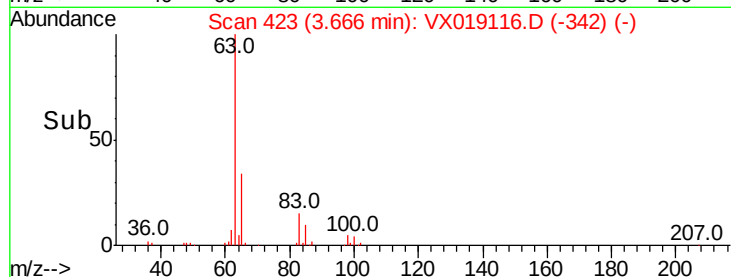
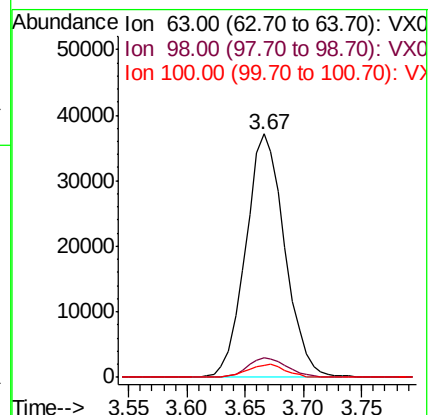
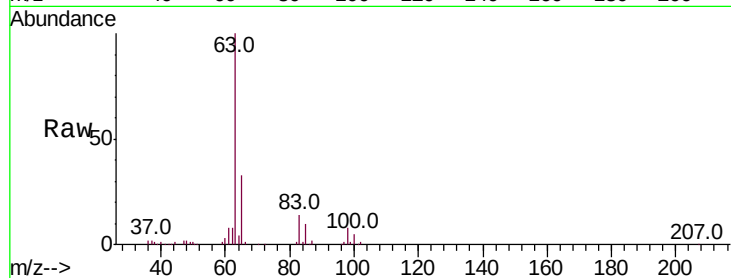
Tot Ion: 63 Resp: 86564

Ion Ratio Lower Upper

63 100

98 8.3 3.9 11.7

100 5.0 2.4 7.2



#22

cis-1,2-Dichloroethene

Concen: 19.727 ug/l

RT: 4.56 min Scan# 569

Delta R.T. -0.01 min

Lab File: VX019116.D

Acq: 26 Oct 2020 11:45

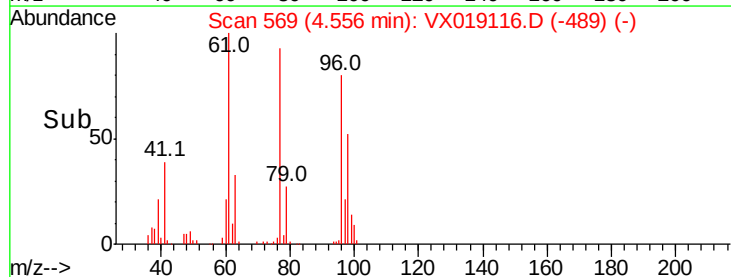
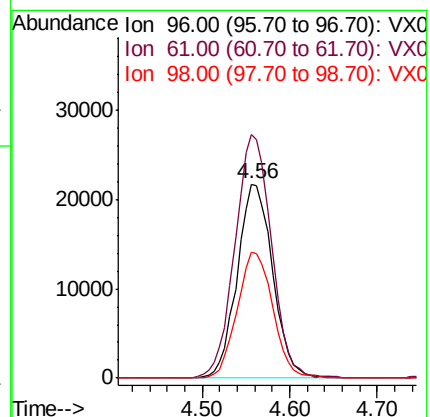
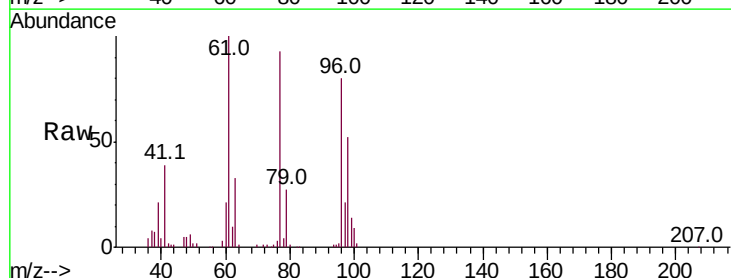
Tgt Ion: 96 Resp: 61379

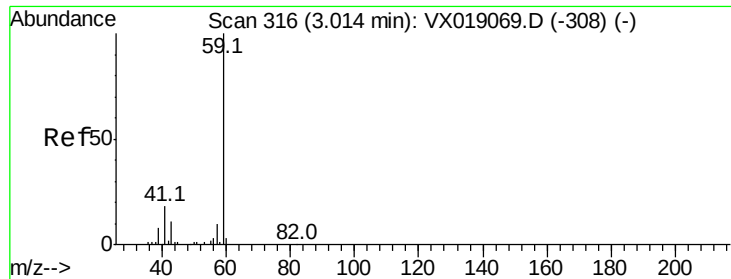
Ion Ratio Lower Upper

96 100

61 129.0 101.9 152.9

98 65.1 51.3 76.9

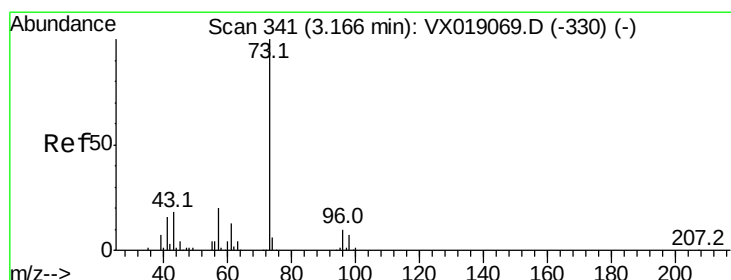
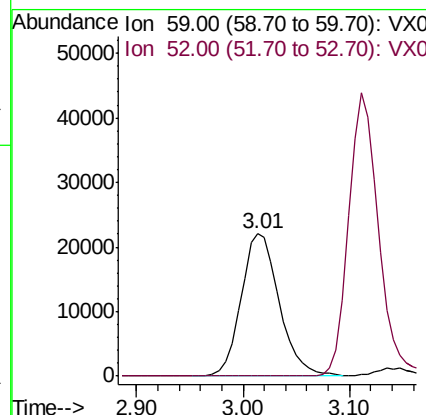
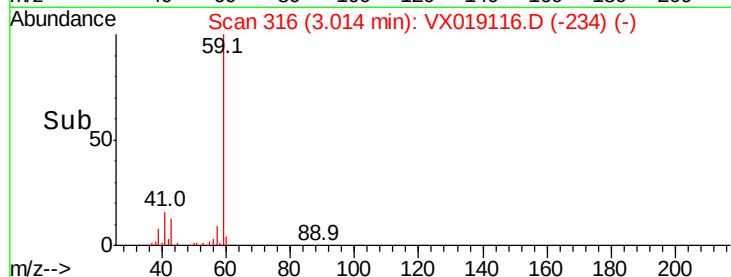
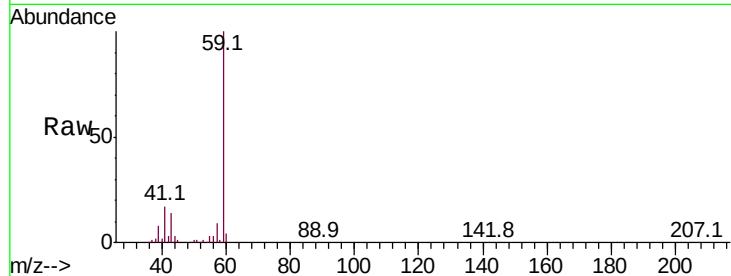




#23
 tert-Butyl Alcohol
 Concen: 106.951 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX019116.D
 Acq: 26 Oct 2020 11:45

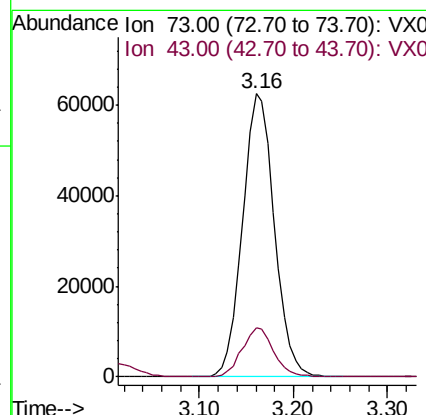
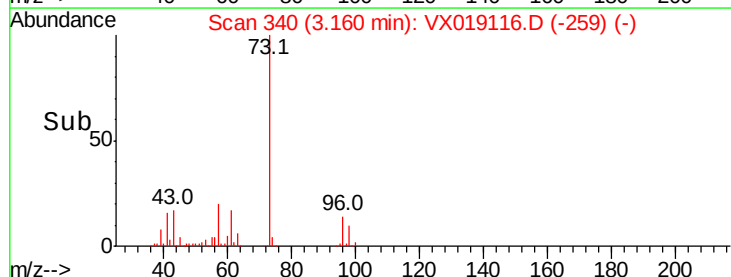
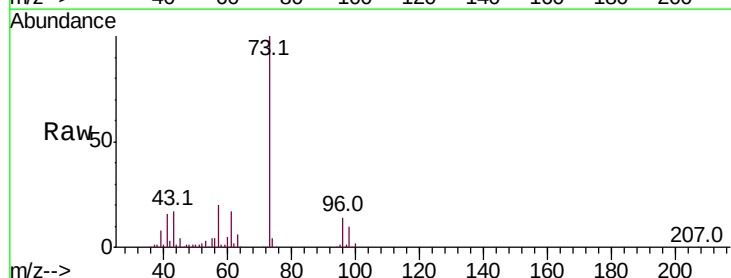
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

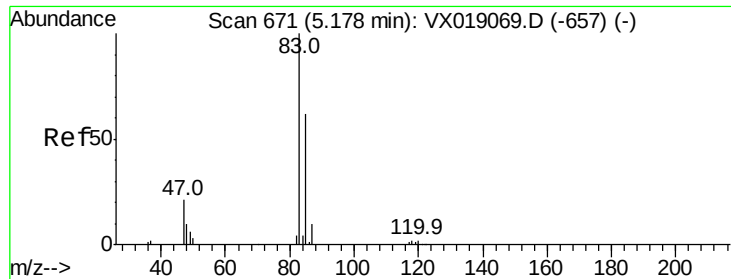
Tot Ion: 59 Resp: 55460
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.2 0.4#



#24
 Methyl tert-Butyl Ether
 Concen: 20.275 ug/l
 RT: 3.16 min Scan# 340
 Delta R.T. -0.01 min
 Lab File: VX019116.D
 Acq: 26 Oct 2020 11:45

Tgt Ion: 73 Resp: 147445
 Ion Ratio Lower Upper
 73 100
 43 17.1 13.9 20.9

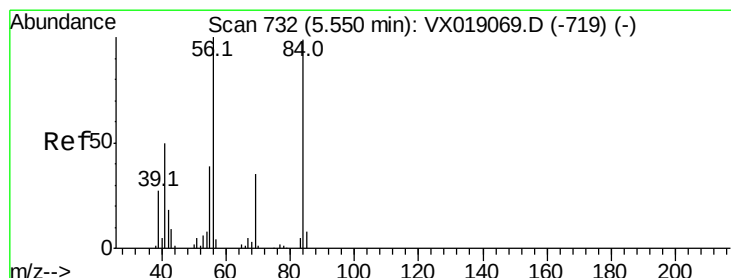
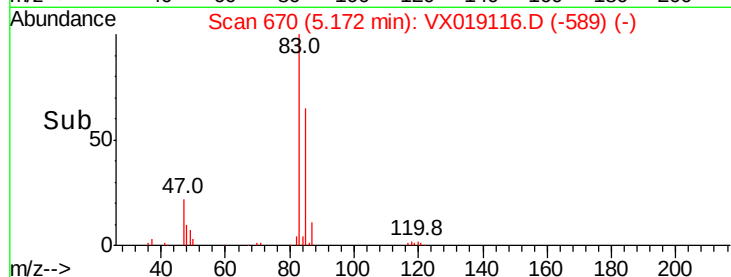
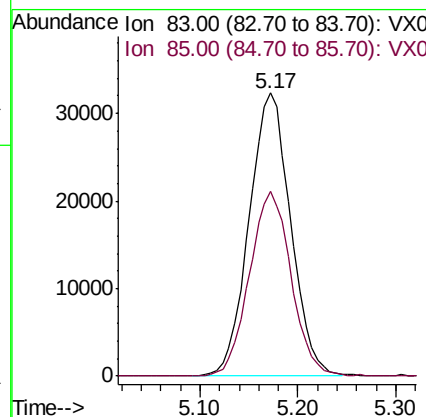
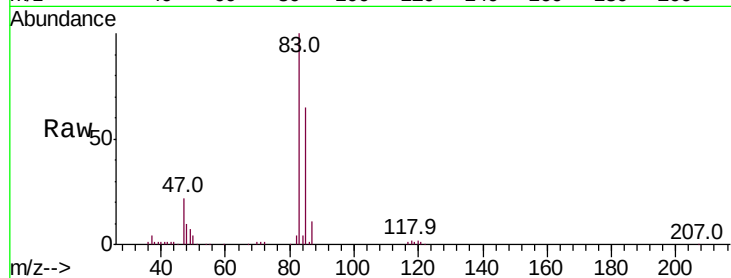




#25
Chloroform
Concen: 20.210 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019116.D
Acq: 26 Oct 2020 11:45

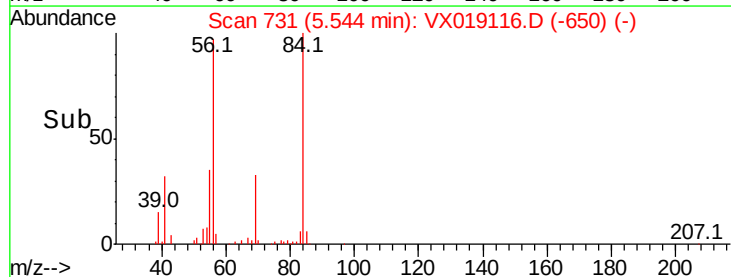
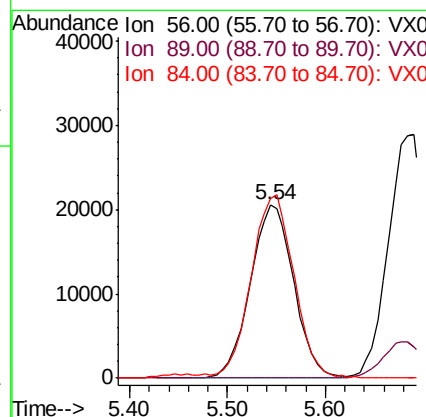
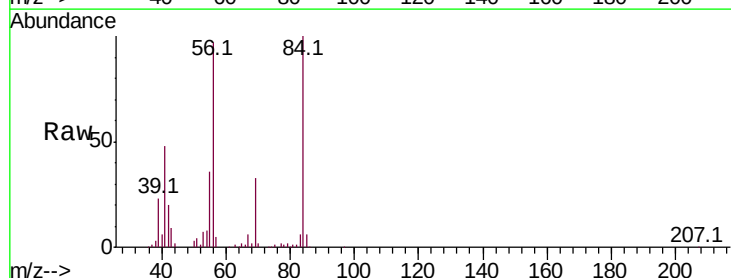
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

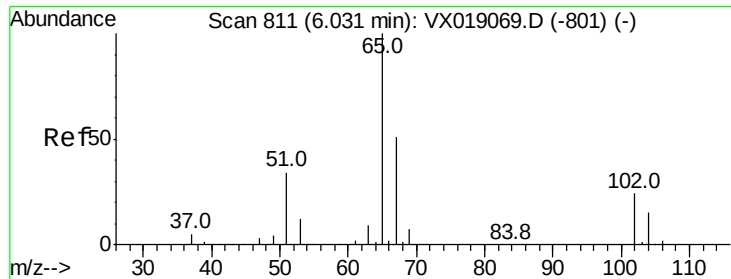
Tot Ion: 83 Resp: 95680
Ion Ratio Lower Upper
83 100
85 65.4 49.8 74.8



#26
Cyclohexane
Concen: 19.041 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX019116.D
Acq: 26 Oct 2020 11:45

Tgt Ion: 56 Resp: 63222
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 104.4 83.7 125.5





#27

1,2-Dichloroethane-d4

Concen: 30.569 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

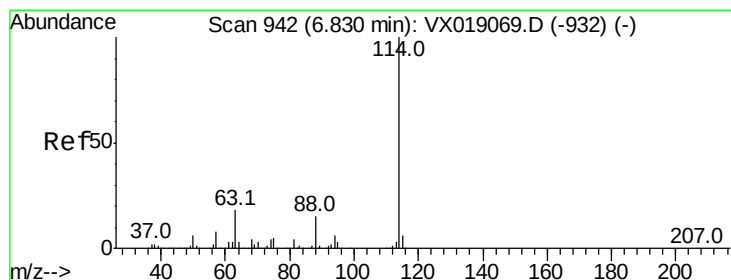
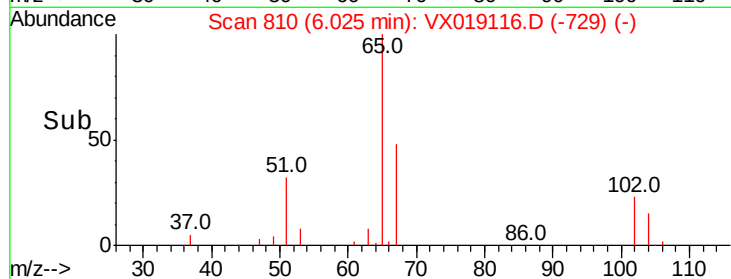
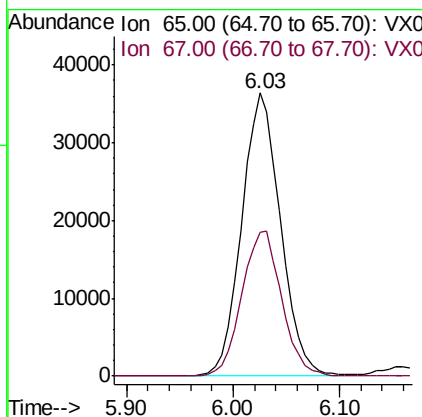
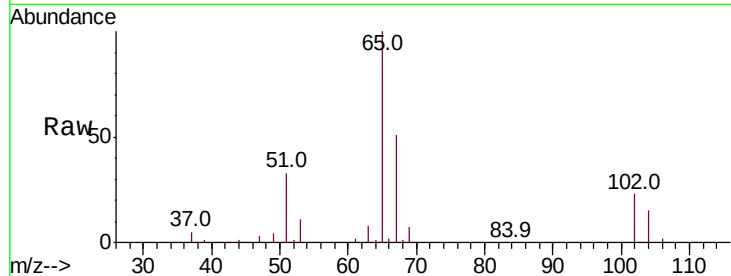
Lab File: VX019116.D

Acq: 26 Oct 2020 11:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion: 65 Resp: 93025

Ion	Ratio	Lower	Upper
65	100		
67	52.8	42.0	63.0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

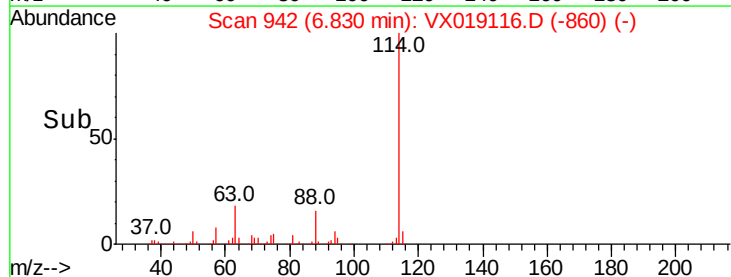
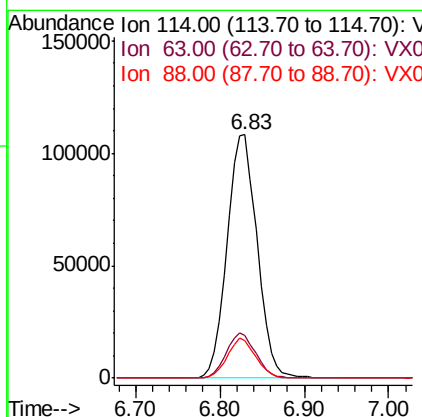
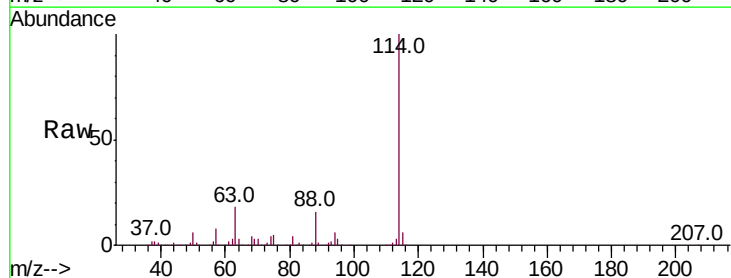
Delta R.T. 0.00 min

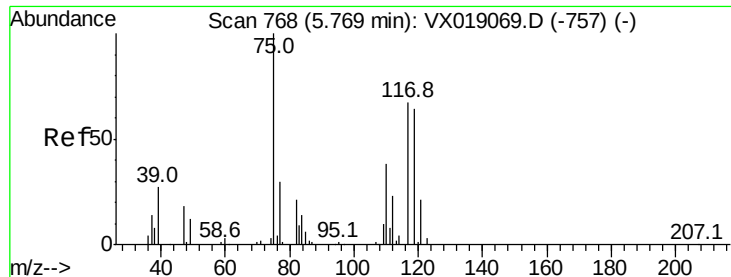
Lab File: VX019116.D

Acq: 26 Oct 2020 11:45

Tgt Ion: 114 Resp: 262641

Ion	Ratio	Lower	Upper
114	100		
63	18.2	14.6	21.8
88	15.5	12.2	18.2





#29

1,1-Dichloropropene

Concen: 19.217 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX019116.D

Acq: 26 Oct 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

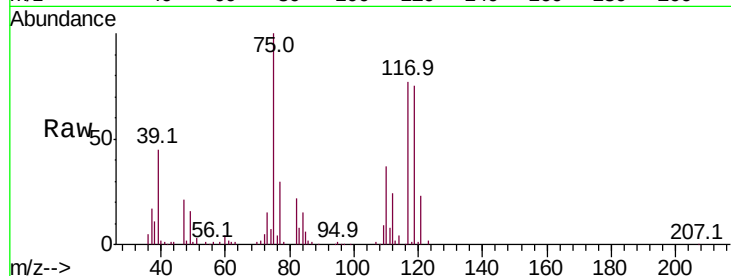
Tot Ion: 75 Resp: 71201

Ion Ratio Lower Upper

75 100

110 38.2 0.0 77.4

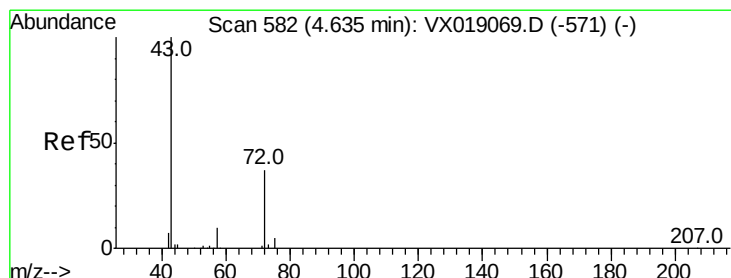
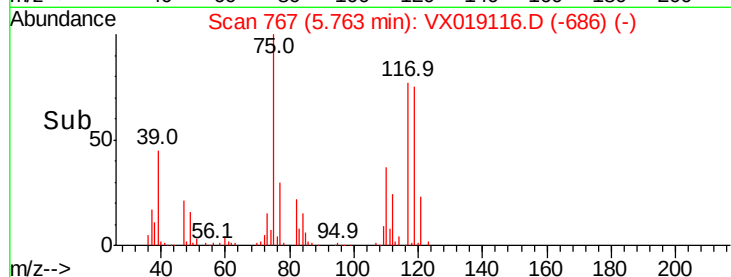
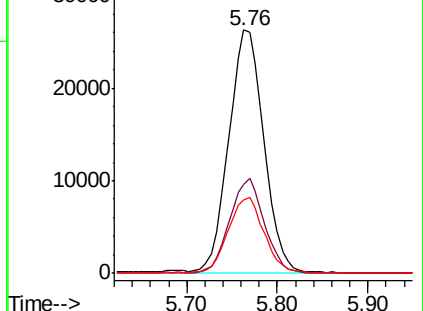
77 31.7 0.0 62.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 101.568 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX019116.D

Acq: 26 Oct 2020 11:45

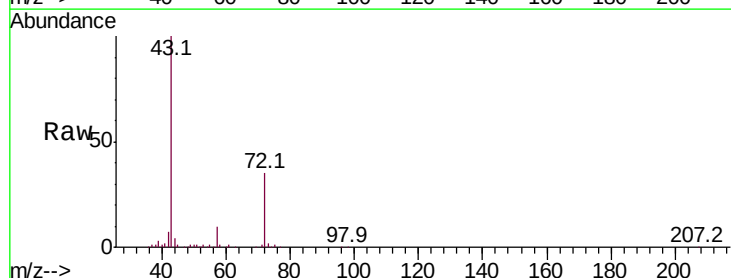
Tgt Ion: 43 Resp: 149921

Ion Ratio Lower Upper

43 100

57 9.9 7.8 11.6

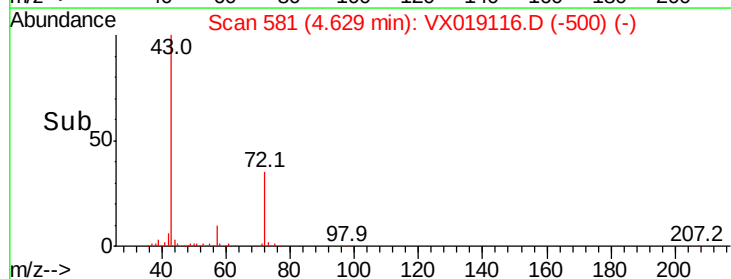
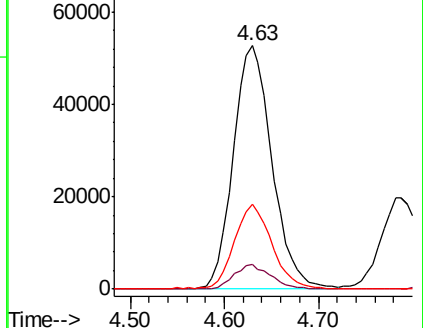
72 34.2 28.1 42.1

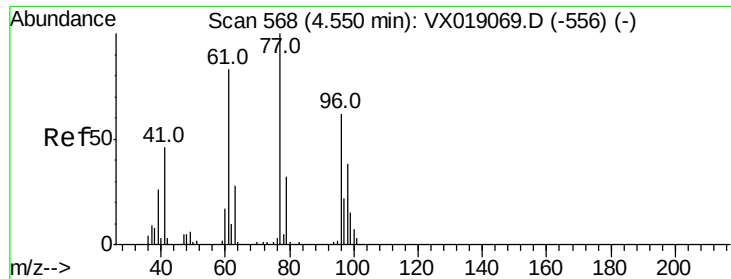


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#31

2,2-Dichloropropane

Concen: 20.081 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX019116.D

Acq: 26 Oct 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

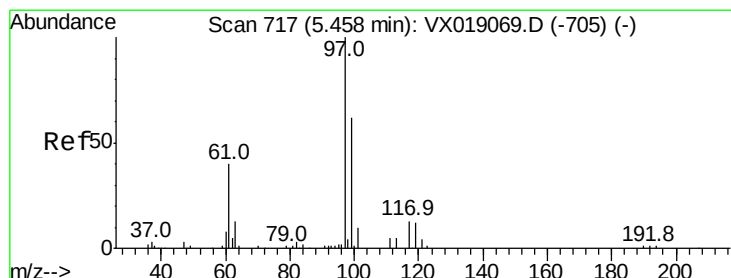
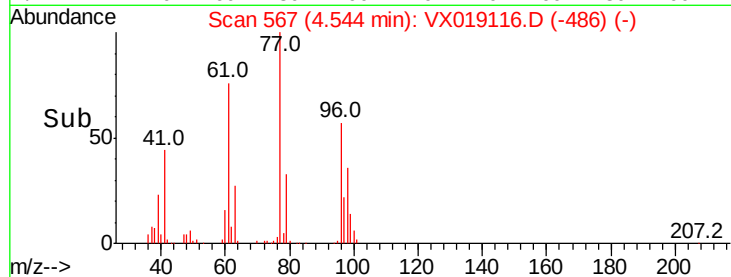
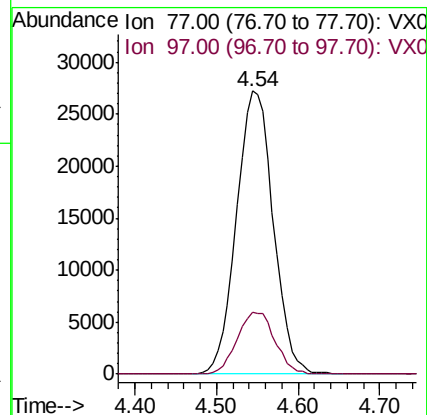
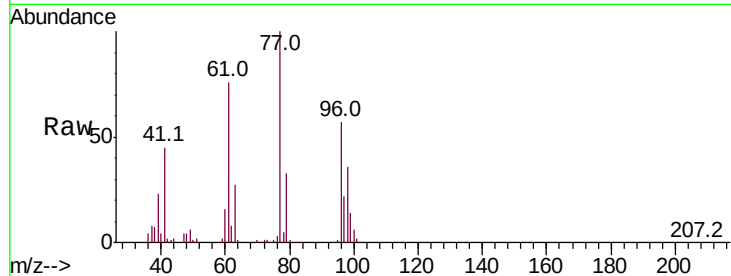
VSTDCCC020

Tot Ion: 77 Resp: 85129

Ion Ratio Lower Upper

77 100

97 22.5 19.2 28.8



#32

1,1,1-Trichloroethane

Concen: 19.355 ug/l

RT: 5.46 min Scan# 717

Delta R.T. 0.00 min

Lab File: VX019116.D

Acq: 26 Oct 2020 11:45

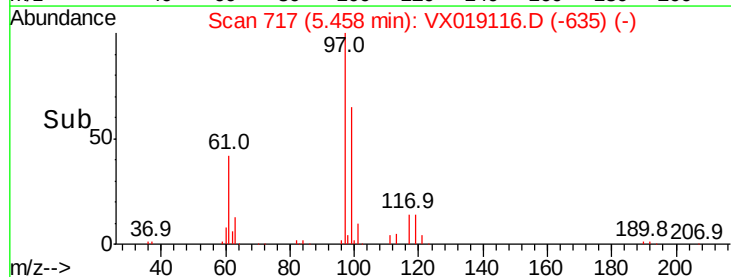
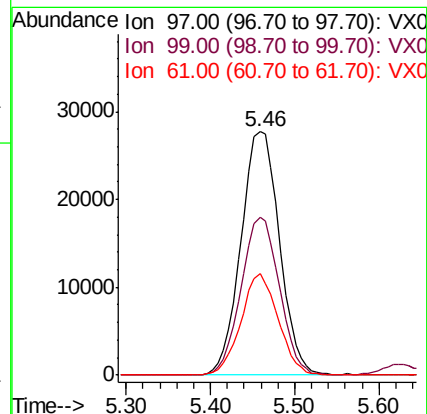
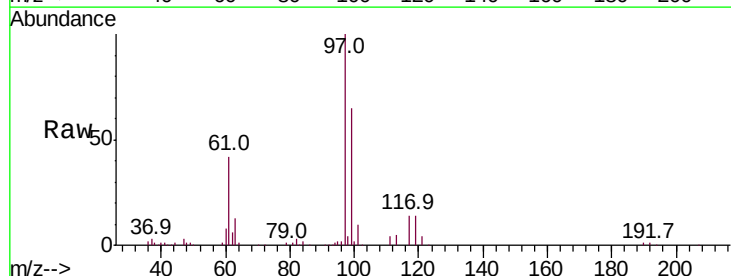
Tgt Ion: 97 Resp: 86194

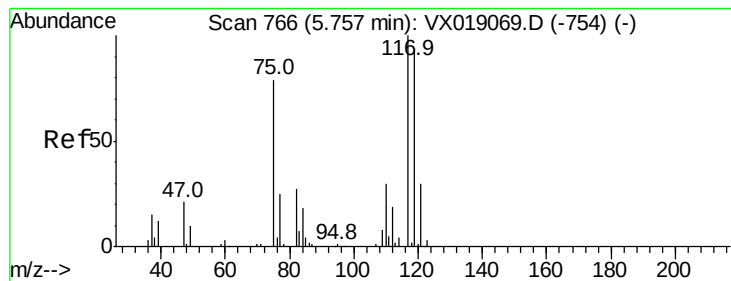
Ion Ratio Lower Upper

97 100

99 64.2 51.0 76.6

61 40.2 32.0 48.0





#33

Carbon Tetrachloride

Concen: 19.234 ug/l

RT: 5.75 min Scan# 765

Delta R.T. -0.01 min

Lab File: VX019116.D

Acq: 26 Oct 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

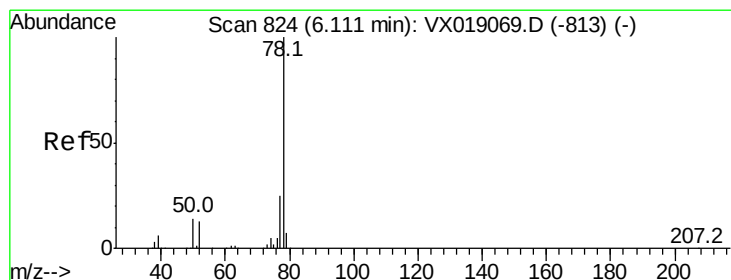
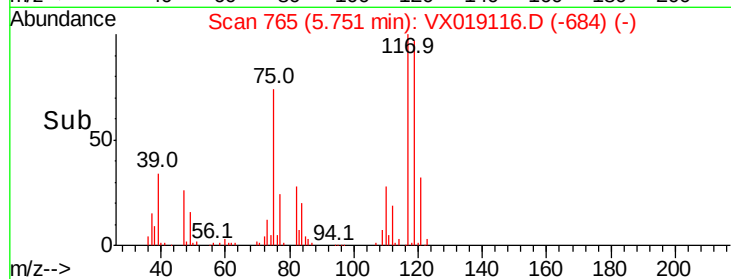
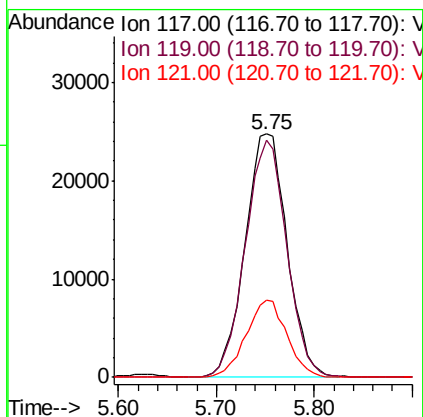
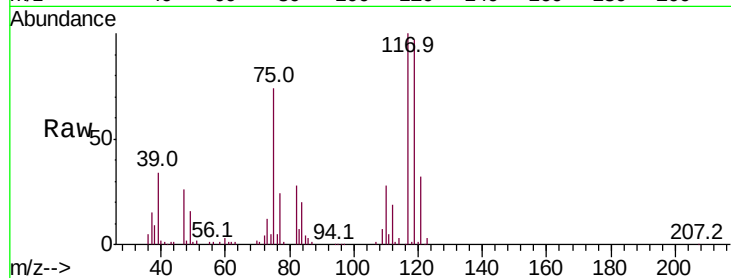
Tot Ion:117 Resp: 74333

Ion Ratio Lower Upper

117 100

119 97.5 74.5 111.7

121 31.9 24.1 36.1



#34

Benzene

Concen: 19.295 ug/l

RT: 6.11 min Scan# 824

Delta R.T. 0.00 min

Lab File: VX019116.D

Acq: 26 Oct 2020 11:45

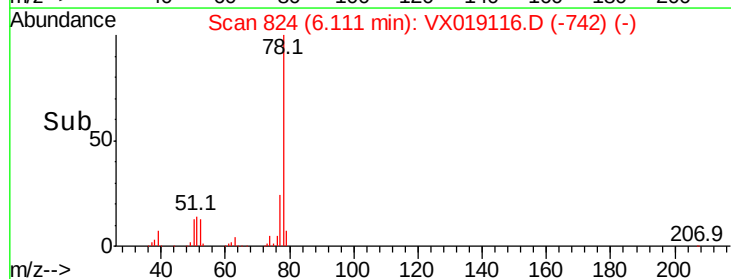
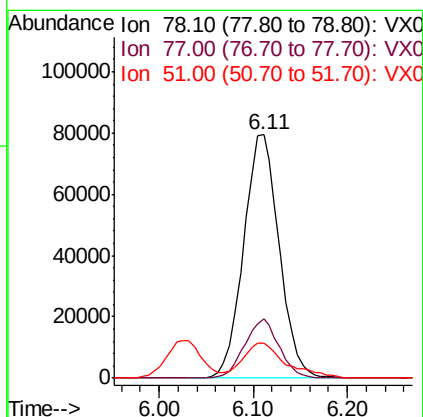
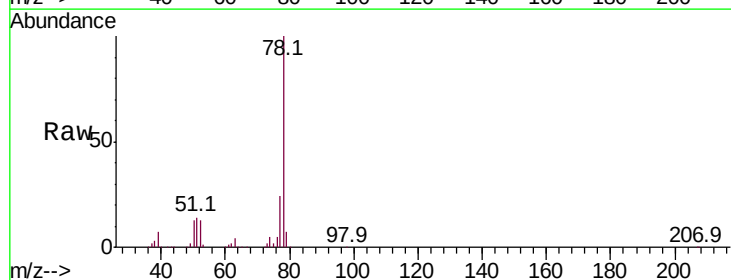
Tgt Ion: 78 Resp: 210352

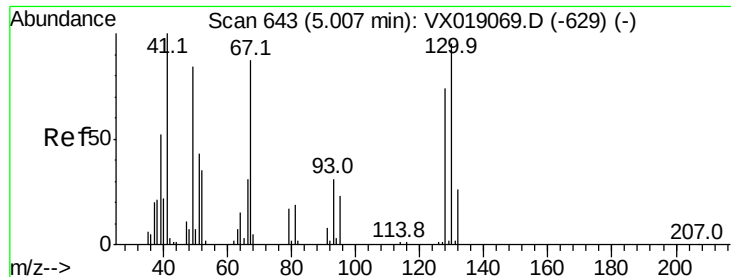
Ion Ratio Lower Upper

78 100

77 24.2 20.1 30.1

51 13.8 11.0 16.4

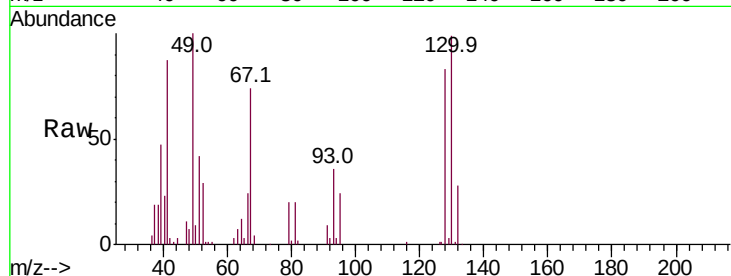




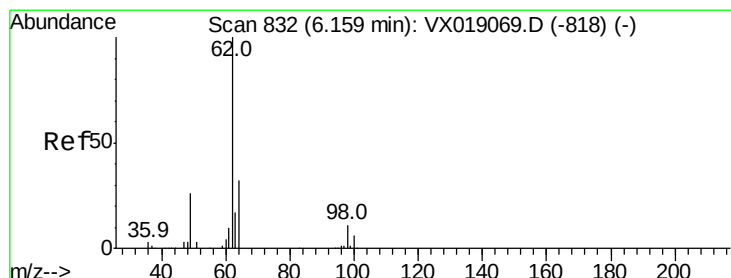
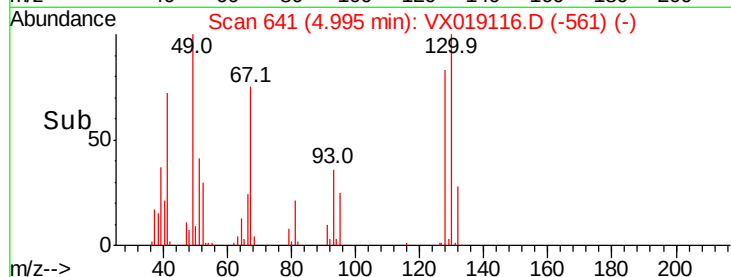
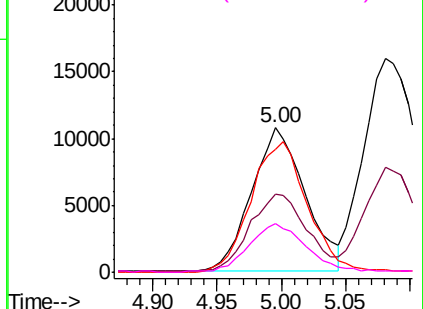
#35
Methacrylonitrile
Concen: 19.536 ug/l
RT: 5.00 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX019116.D
Acq: 26 Oct 2020 11:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion: 41 Resp: 31216
Ion Ratio Lower Upper
41 100
39 53.7 25.8 77.4
67 86.0 43.6 130.8
52 33.2 17.3 51.7

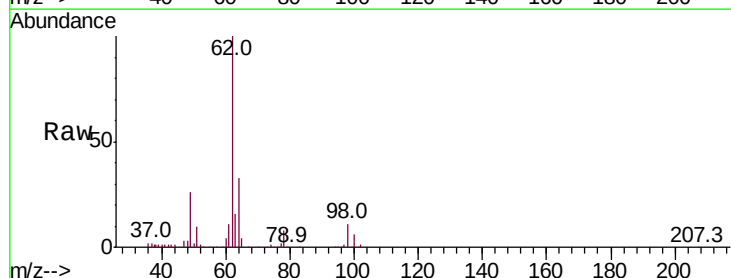


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

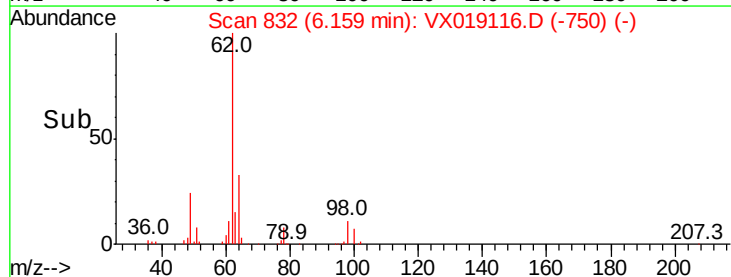
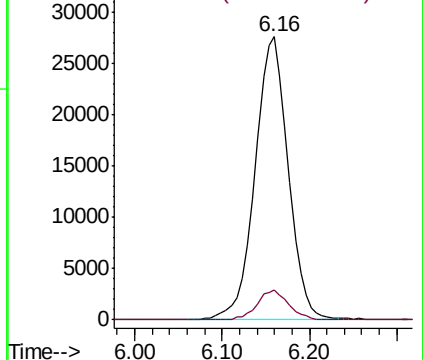


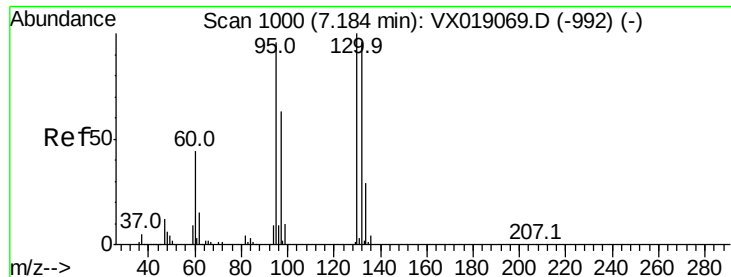
#36
1,2-Dichloroethane
Concen: 19.404 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX019116.D
Acq: 26 Oct 2020 11:45

Tgt Ion: 62 Resp: 72566
Ion Ratio Lower Upper
62 100
98 10.1 8.4 12.6



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

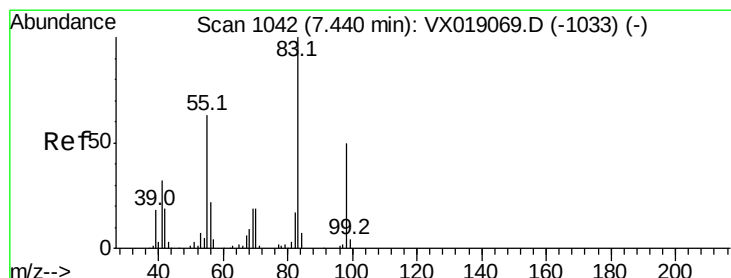
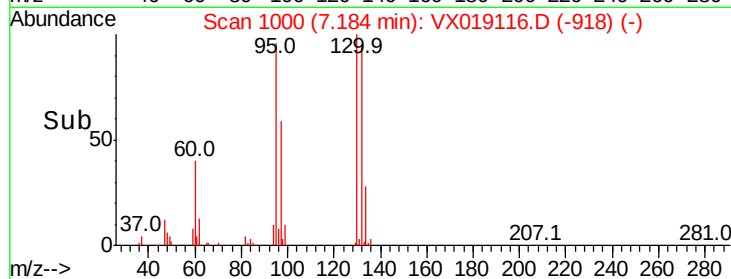
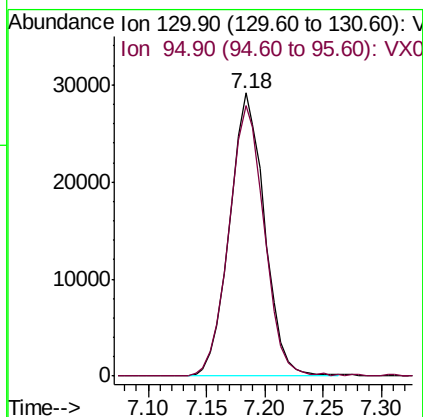
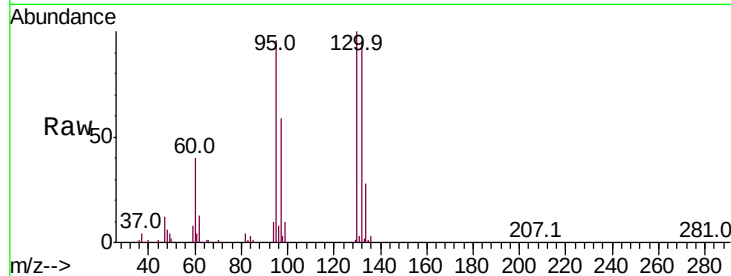




#37
 Trichloroethene
 Concen: 19.412 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: VX019116.D
 Acq: 26 Oct 2020 11:45

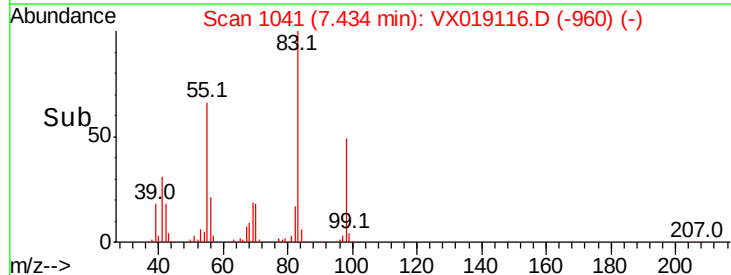
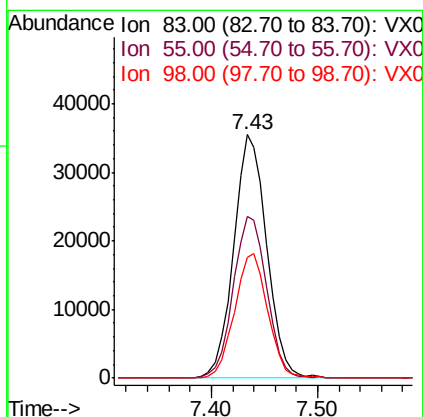
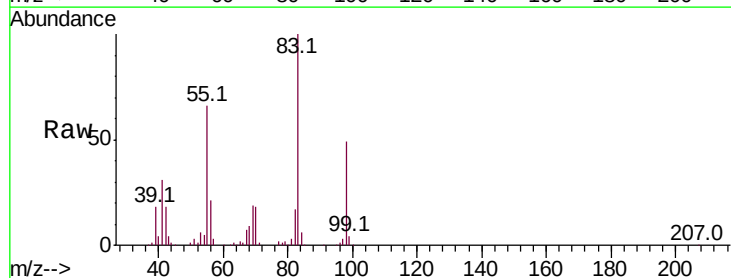
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

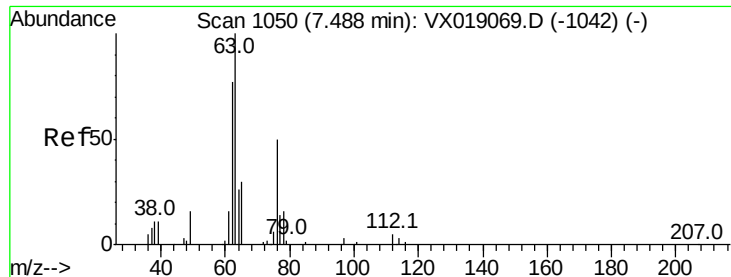
Tot Ion:130 Resp: 60830
 Ion Ratio Lower Upper
 130 100
 95 95.6 76.8 115.2



#38
 Methylcyclohexane
 Concen: 18.619 ug/l
 RT: 7.43 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: VX019116.D
 Acq: 26 Oct 2020 11:45

Tgt Ion: 83 Resp: 77326
 Ion Ratio Lower Upper
 83 100
 55 67.4 32.3 96.8
 98 51.6 25.7 77.1





#39

1,2-Dichloropropane

Concen: 20.227 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX019116.D

Acq: 26 Oct 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

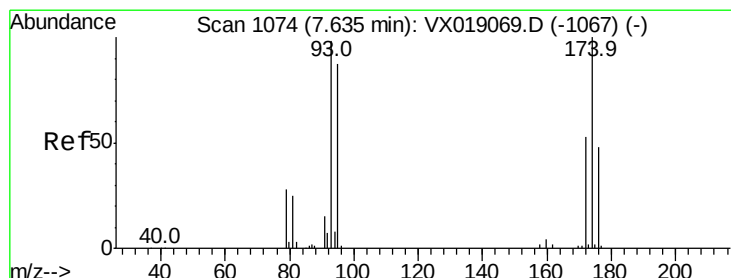
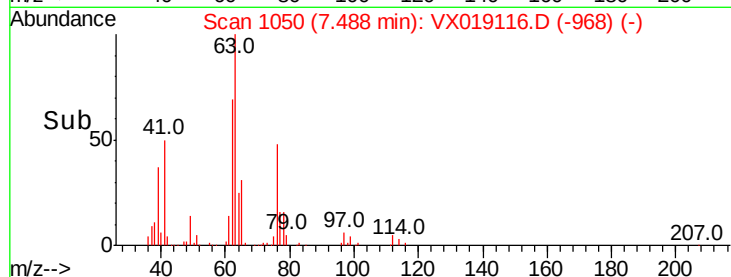
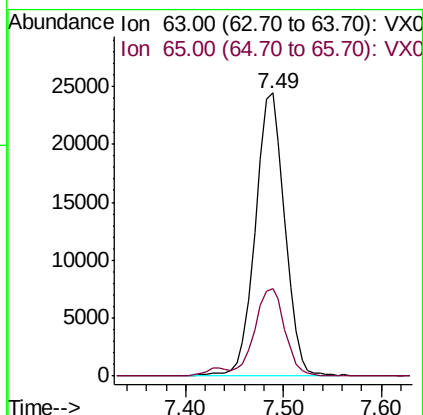
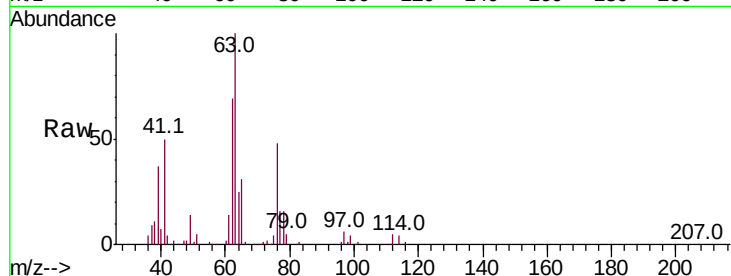
VSTDCCC020

Tot Ion: 63 Resp: 51188

Ion Ratio Lower Upper

63 100

65 31.1 25.8 38.8



#40

Dibromomethane

Concen: 19.369 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VX019116.D

Acq: 26 Oct 2020 11:45

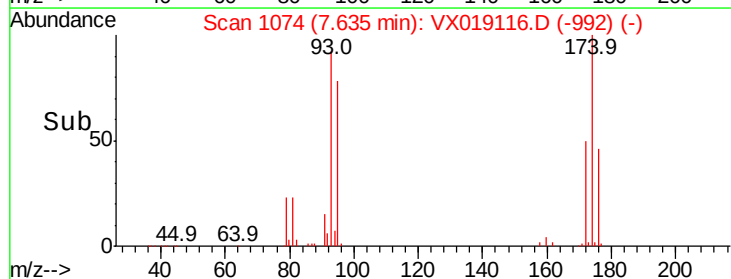
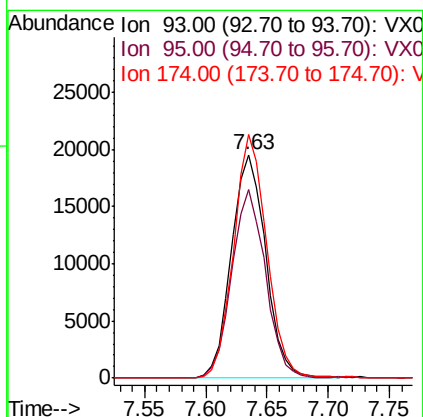
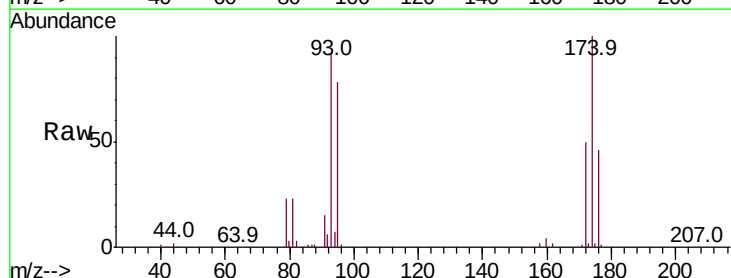
Tgt Ion: 93 Resp: 38041

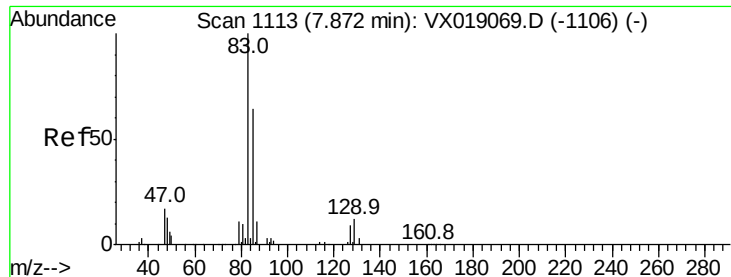
Ion Ratio Lower Upper

93 100

95 82.8 0.0 169.0

174 105.0 0.0 205.4





#41

Bromodichloromethane

Concen: 19.216 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019116.D

Acq: 26 Oct 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

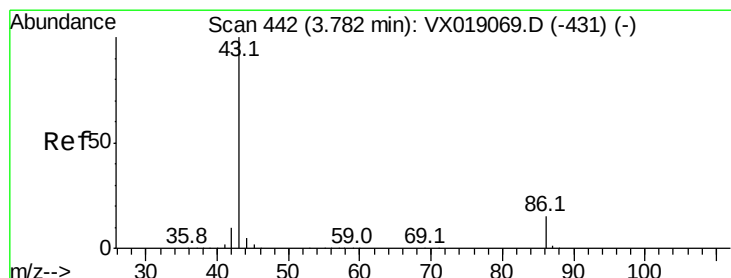
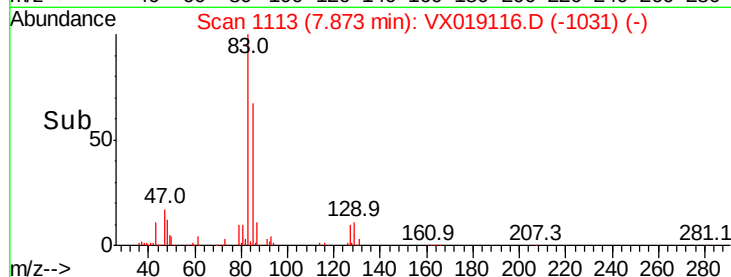
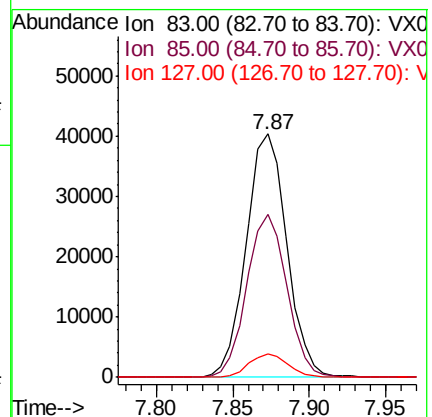
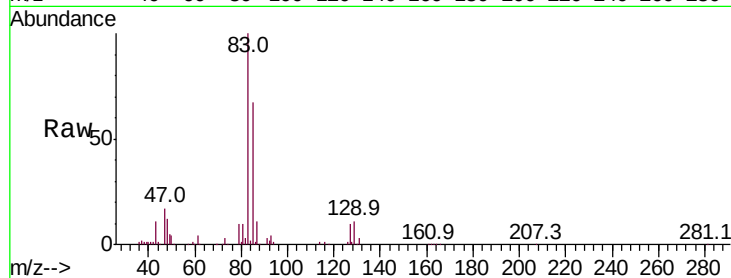
Tot Ion: 83 Resp: 74614

Ion Ratio Lower Upper

83 100

85 66.8 51.2 76.8

127 9.7 7.1 10.7



#42

Vinyl Acetate

Concen: 97.867 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019116.D

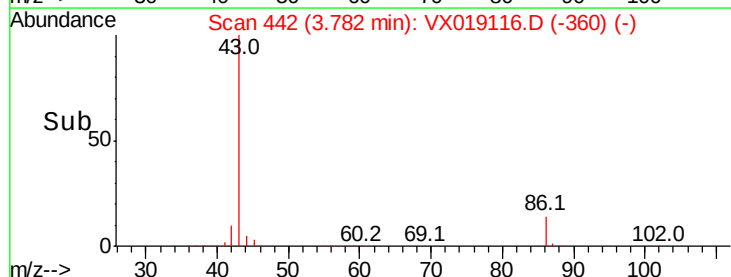
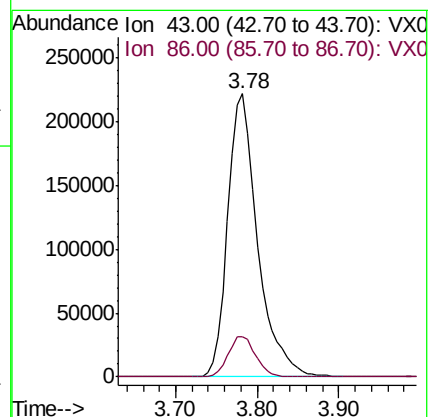
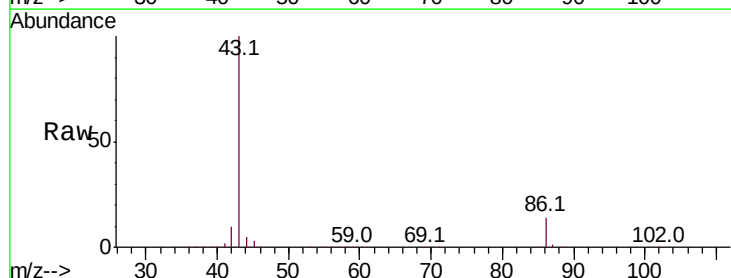
Acq: 26 Oct 2020 11:45

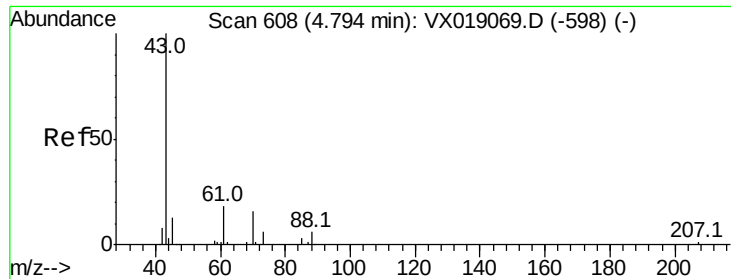
Tgt Ion: 43 Resp: 562084

Ion Ratio Lower Upper

43 100

86 13.2 10.6 15.8

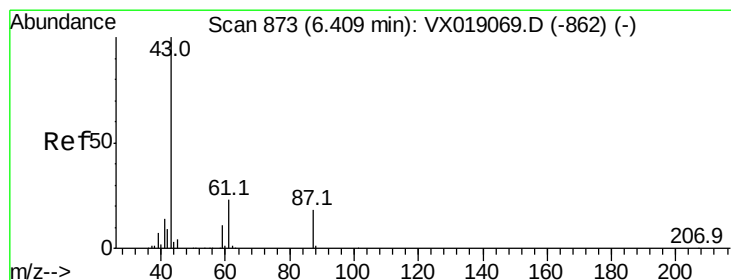
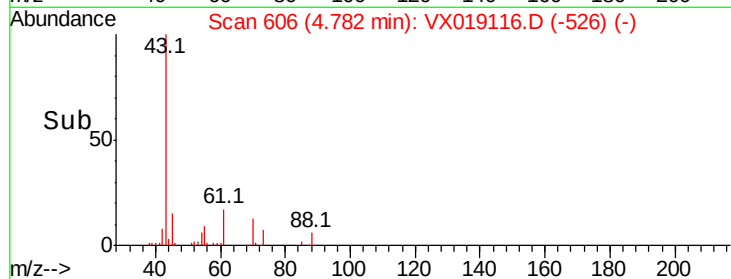
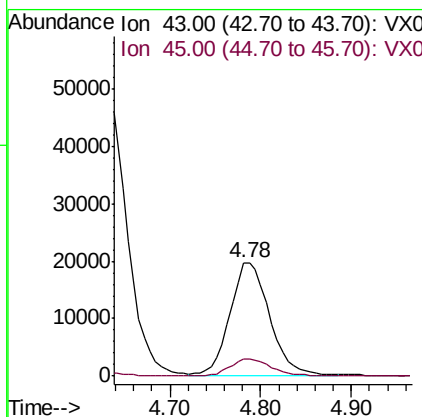
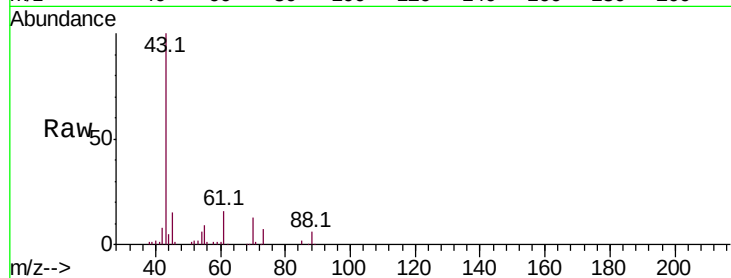




#43
Ethyl Acetate
Concen: 19.061 ug/l
RT: 4.78 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX019116.D
Acq: 26 Oct 2020 11:45

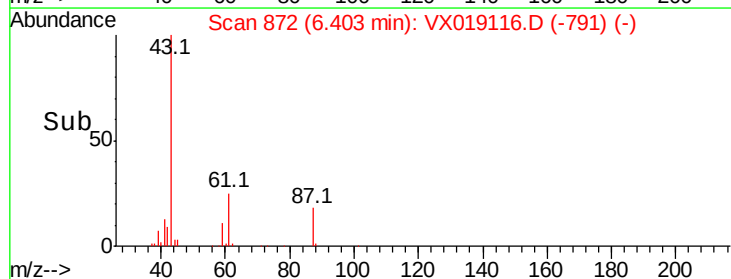
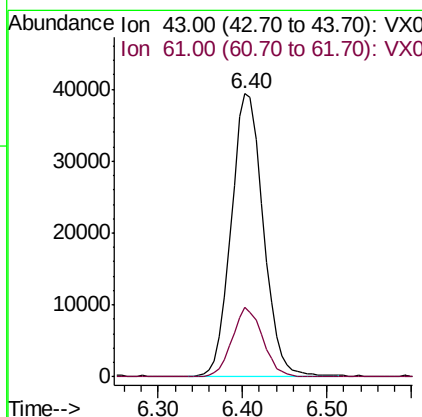
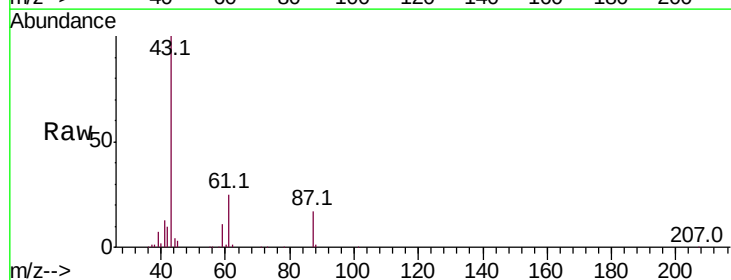
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

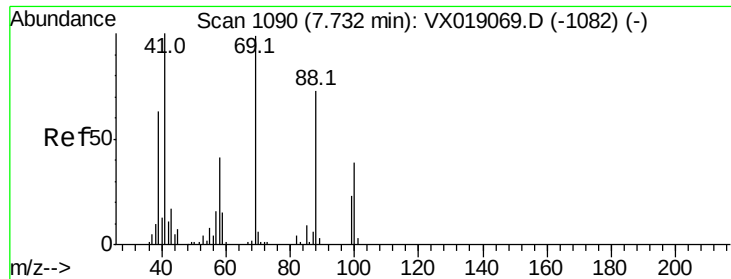
Tot Ion: 43 Resp: 59023
Ion Ratio Lower Upper
43 100
45 15.9 12.7 19.1



#44
Isopropyl Acetate
Concen: 19.403 ug/l
RT: 6.40 min Scan# 872
Delta R.T. -0.01 min
Lab File: VX019116.D
Acq: 26 Oct 2020 11:45

Tgt Ion: 43 Resp: 100607
Ion Ratio Lower Upper
43 100
61 23.7 19.1 28.7





#45

1,4-Dioxane

Concen: 412.040 ug/l

RT: 7.73 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VX019116.D

Acq: 26 Oct 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

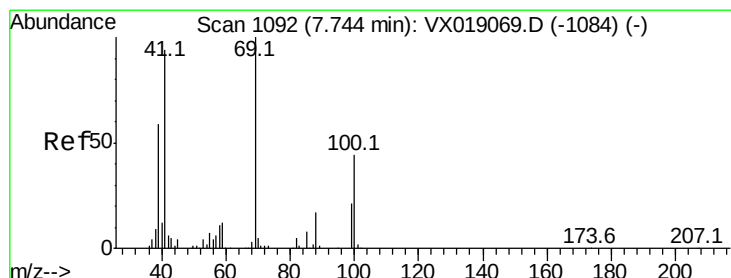
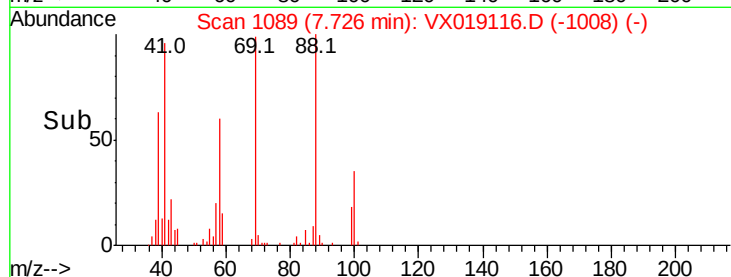
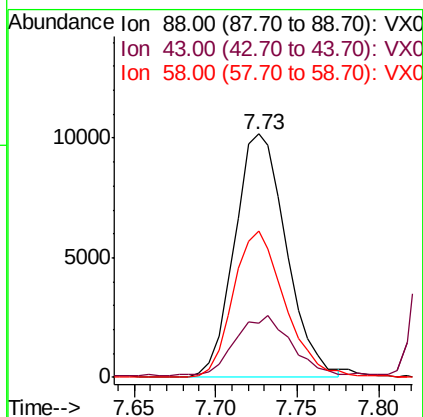
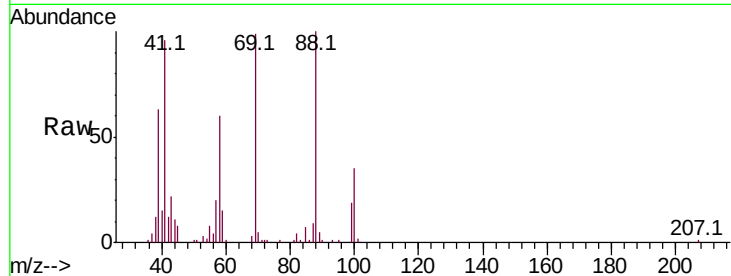
Tot Ion: 88 Resp: 22457

Ion Ratio Lower Upper

88 100

43 25.0 20.5 30.7

58 59.9 47.4 71.2



#46

Methyl methacrylate

Concen: 19.248 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX019116.D

Acq: 26 Oct 2020 11:45

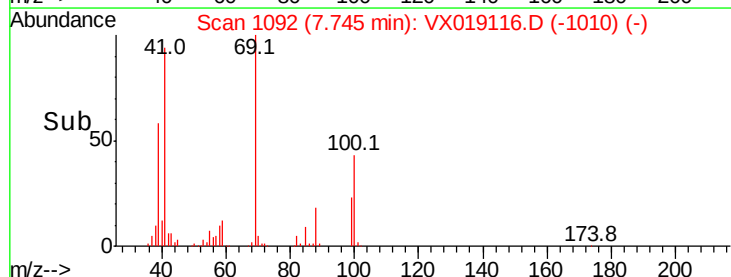
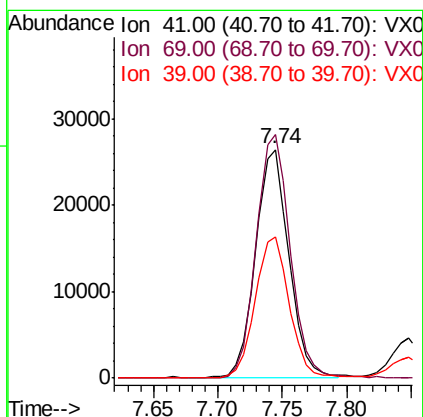
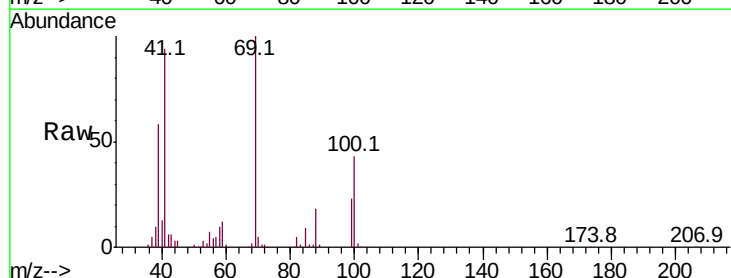
Tgt Ion: 41 Resp: 47238

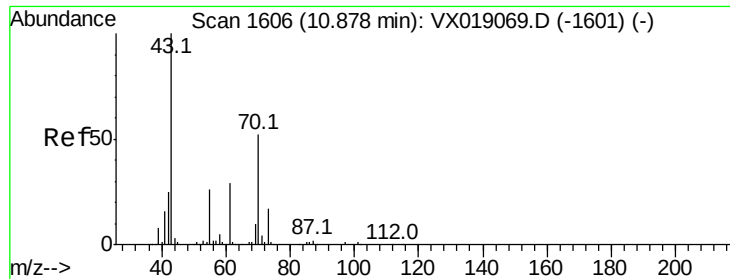
Ion Ratio Lower Upper

41 100

69 106.7 53.1 159.4

39 61.6 31.3 93.9





#47

n-amvl Acetate

Concen: 19.537 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019116.D

Acq: 26 Oct 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

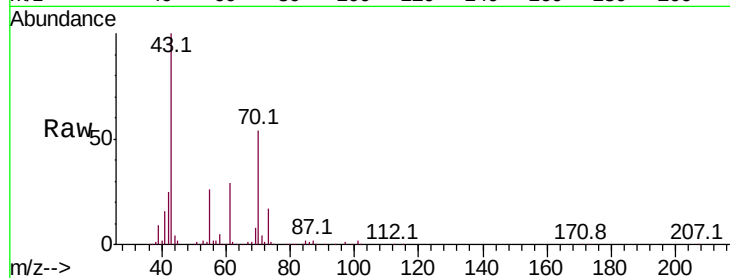
VSTDCCC020

Tot Ion: 43 Resp: 81260

Ion Ratio Lower Upper

43 100

55 26.8 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

10.88

80000

60000

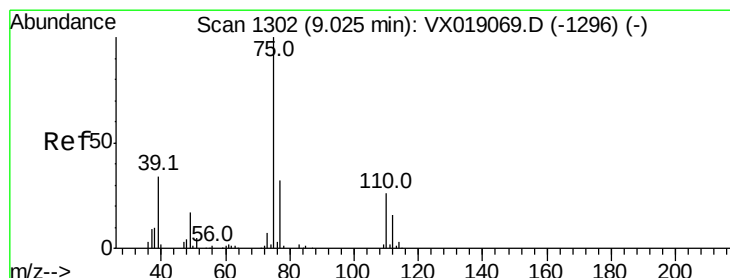
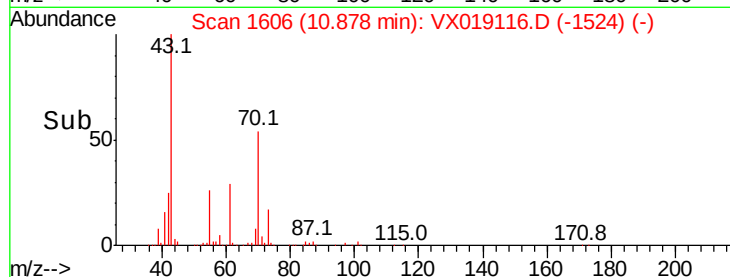
40000

20000

0

Time-->

10.85 10.90 10.95



#48

t-1,3-Dichloropropene

Concen: 19.087 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX019116.D

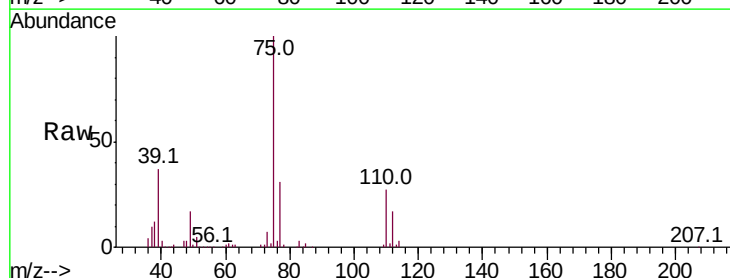
Acq: 26 Oct 2020 11:45

Tgt Ion: 75 Resp: 82967

Ion Ratio Lower Upper

75 100

77 31.1 25.3 37.9



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

9.02

60000

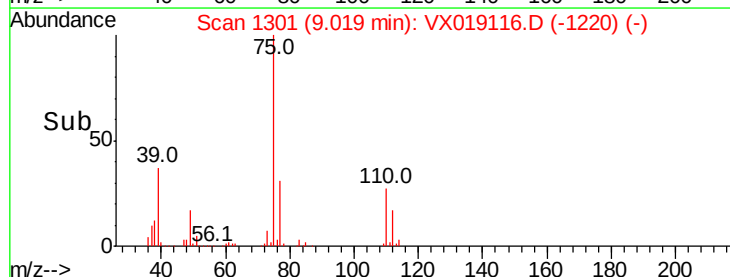
40000

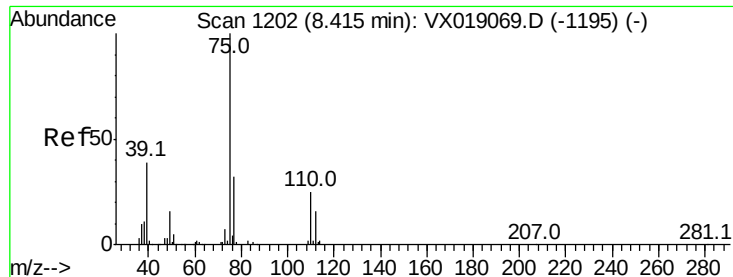
20000

0

Time-->

8.95 9.00 9.05 9.10



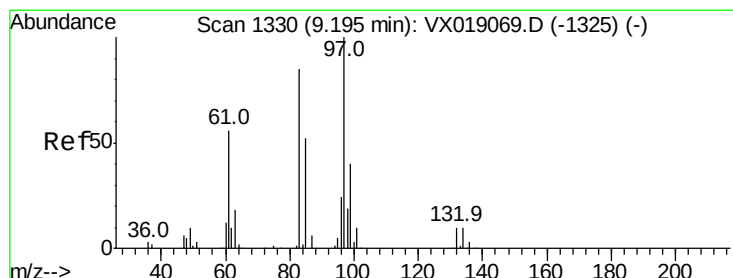
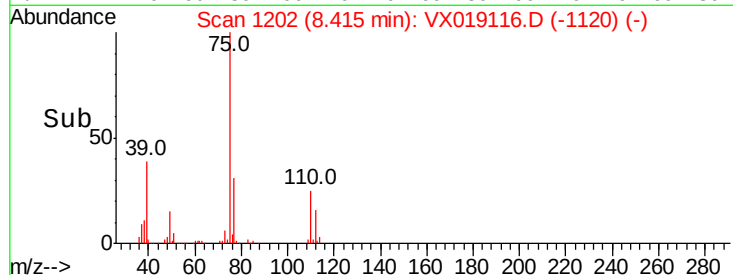
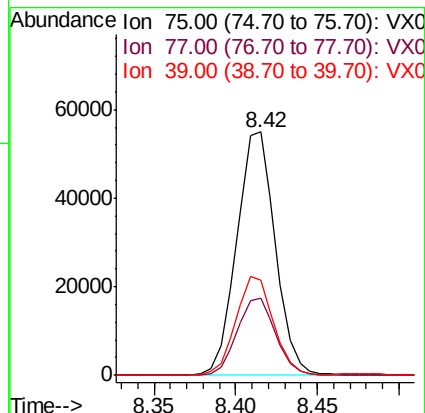
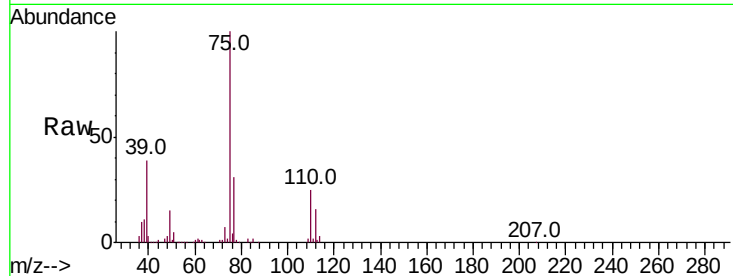


#49

cis-1,3-Dichloropropene
 Concen: 19.587 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX019116.D
 Acq: 26 Oct 2020 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

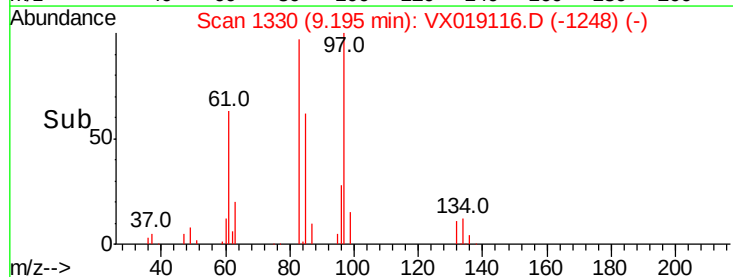
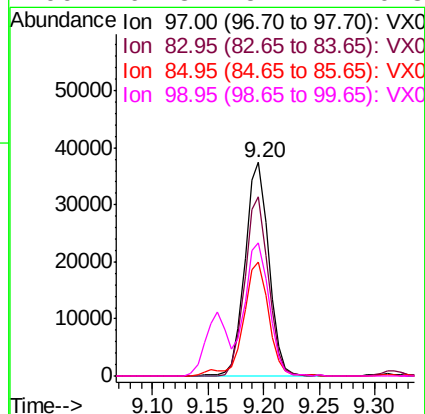
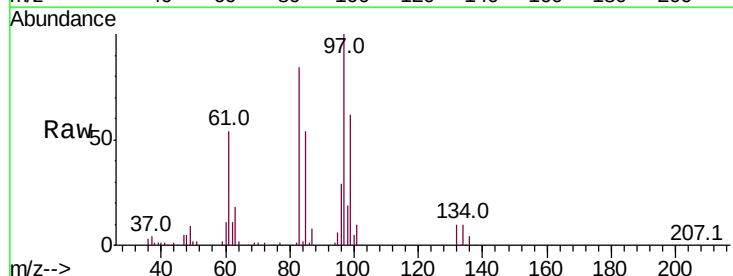
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.8	38.8
39	39.1	31.0	46.6

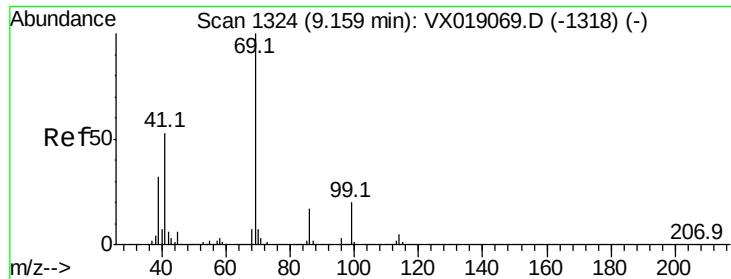


#50

1,1,2-Trichloroethane
 Concen: 19.584 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019116.D
 Acq: 26 Oct 2020 11:45

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.1	67.8	101.6
85	53.5	43.5	65.3
99	62.3	51.2	76.8





#51

Ethyl methacrylate

Concen: 19.151 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX019116.D

Acq: 26 Oct 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

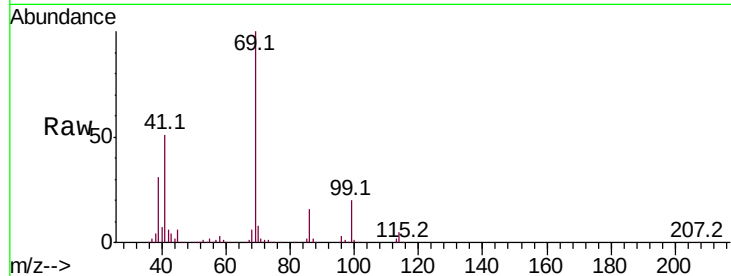
Tot Ion: 69 Resp: 79492

Ion Ratio Lower Upper

69 100

41 51.0 26.5 79.4

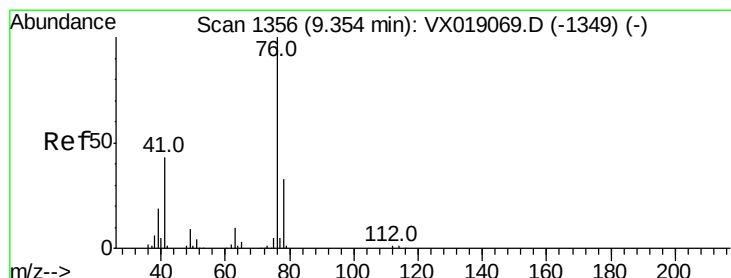
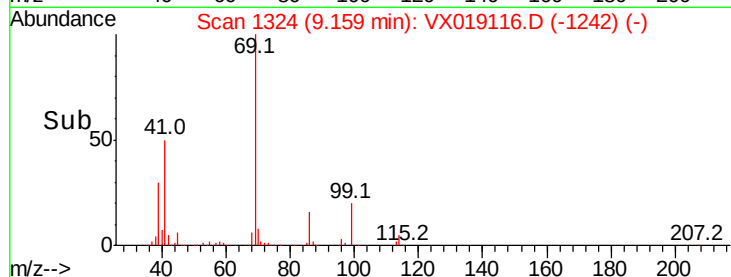
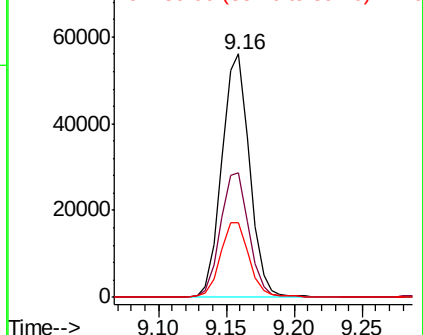
39 30.6 16.2 48.6



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 19.625 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX019116.D

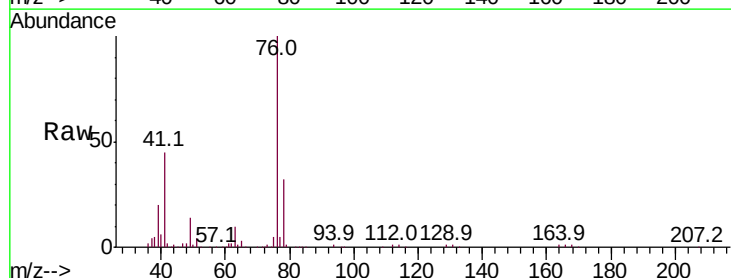
Acq: 26 Oct 2020 11:45

Tgt Ion: 76 Resp: 90946

Ion Ratio Lower Upper

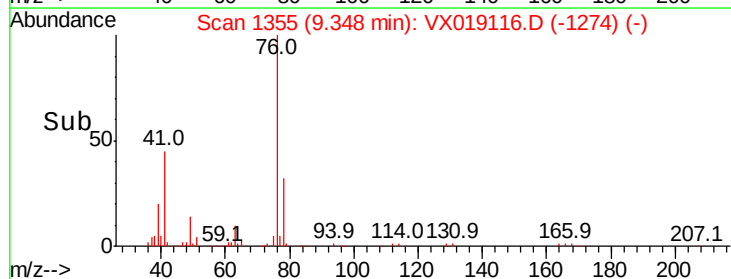
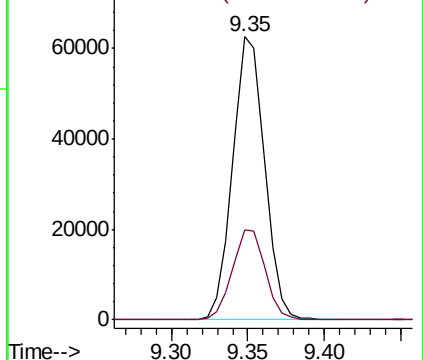
76 100

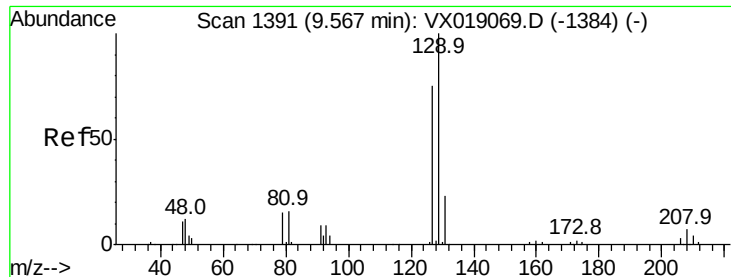
78 32.7 0.0 65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 19.363 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX019116.D

Acq: 26 Oct 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

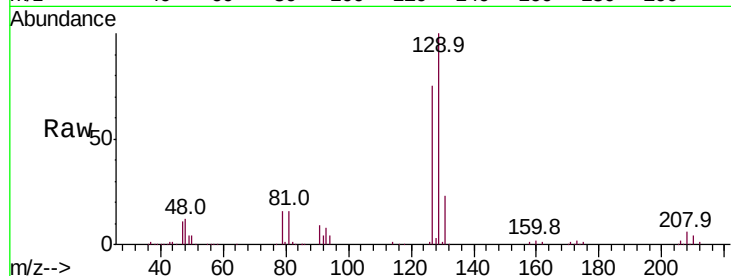
VSTDCCC020

Tot Ion:129 Resp: 61317

Ion Ratio Lower Upper

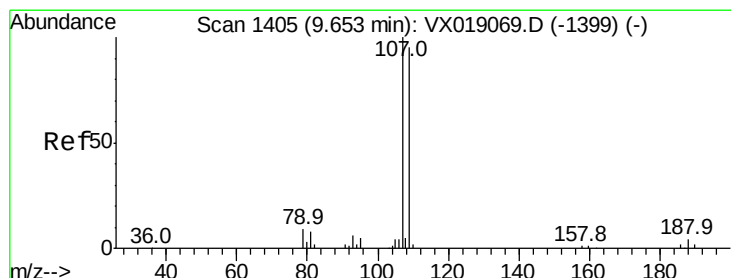
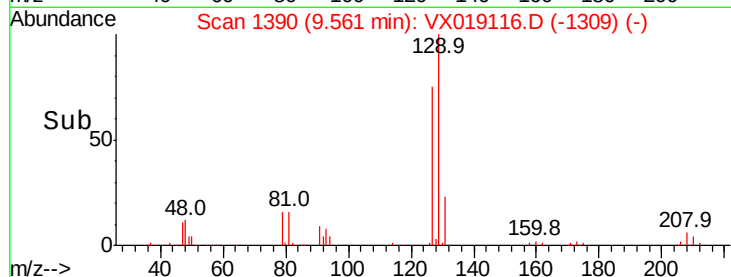
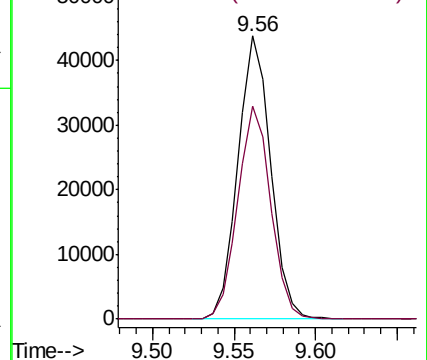
129 100

127 75.7 38.4 115.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.156 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019116.D

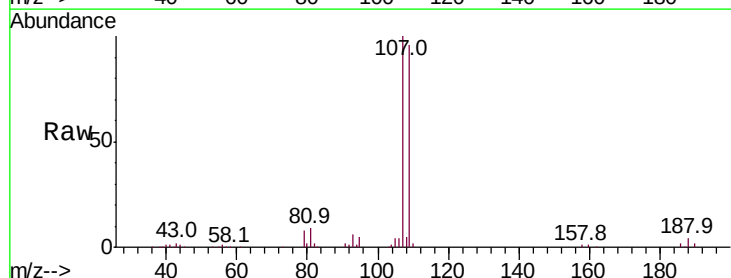
Acq: 26 Oct 2020 11:45

Tgt Ion:107 Resp: 59214

Ion Ratio Lower Upper

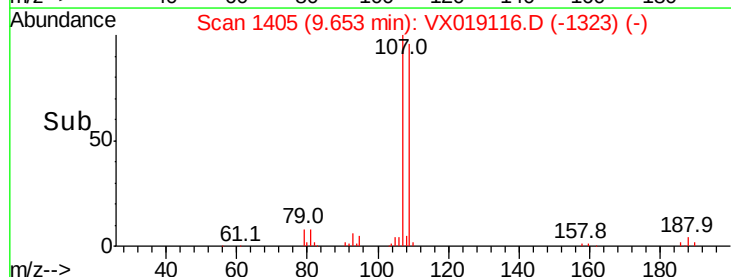
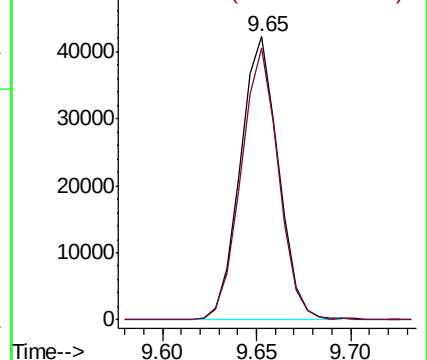
107 100

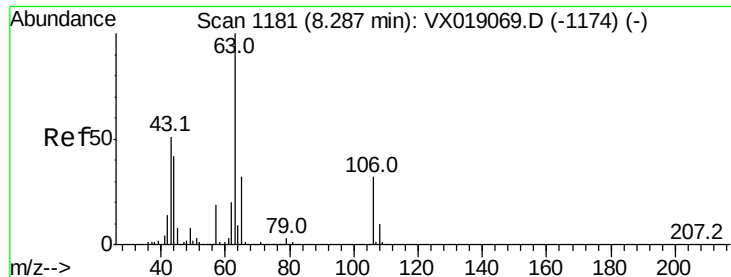
109 94.3 74.6 112.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 88.375 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX019116.D

Acq: 26 Oct 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

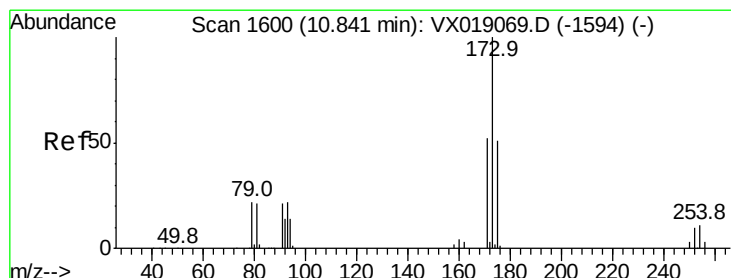
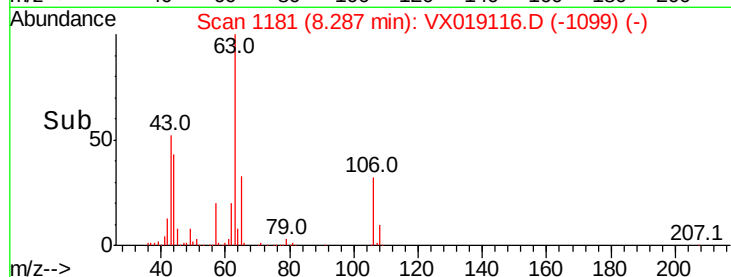
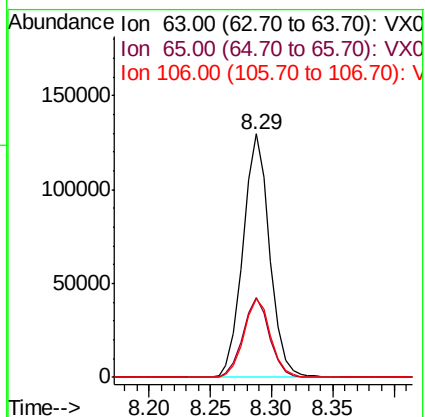
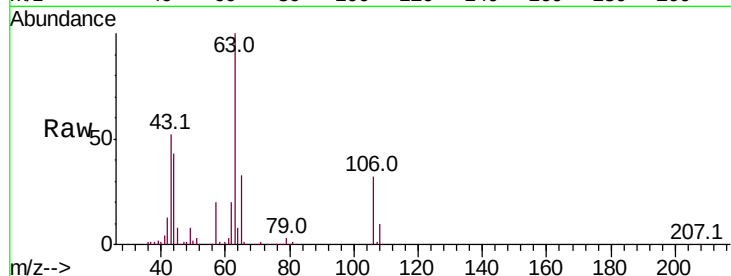
Tot Ion: 63 Resp: 196037

Ion Ratio Lower Upper

63 100

65 32.6 26.0 39.0

106 32.4 25.9 38.9



#56

Bromoform

Concen: 19.529 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019116.D

Acq: 26 Oct 2020 11:45

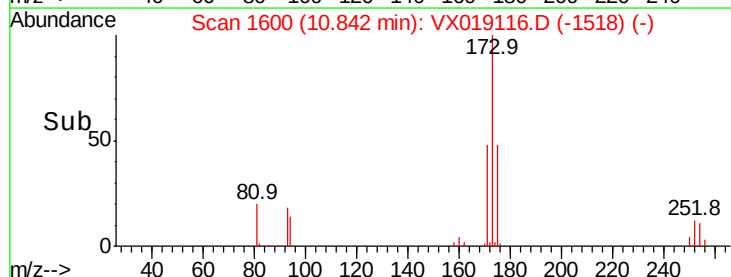
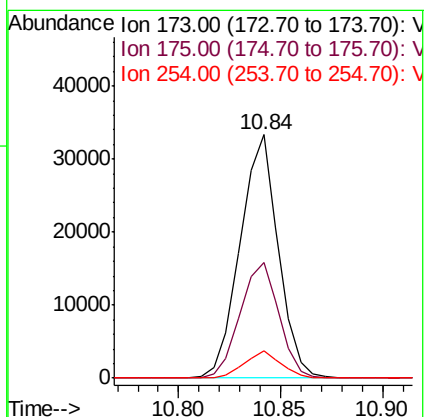
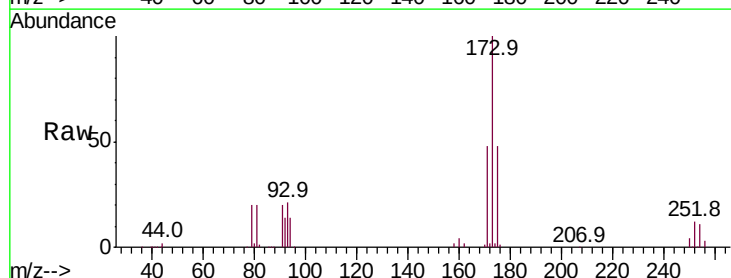
Tgt Ion: 173 Resp: 43235

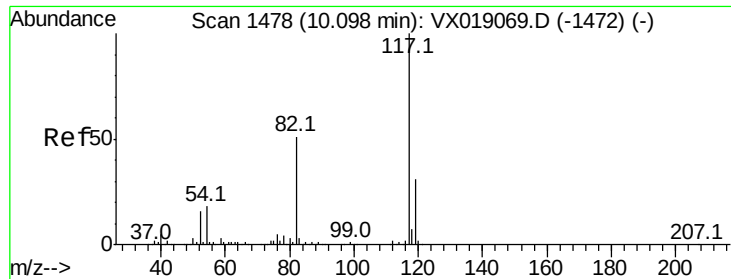
Ion Ratio Lower Upper

173 100

175 48.4 39.6 59.4

254 10.6 8.6 13.0

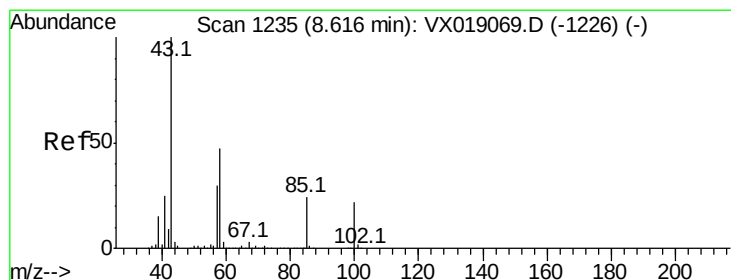
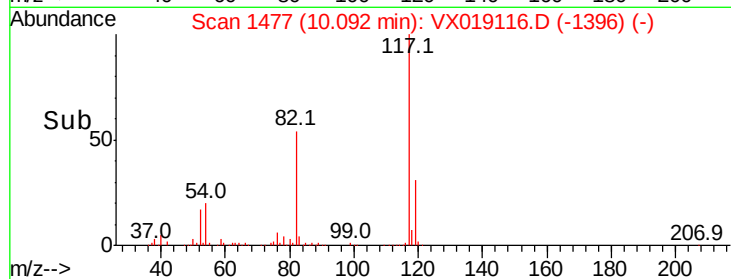
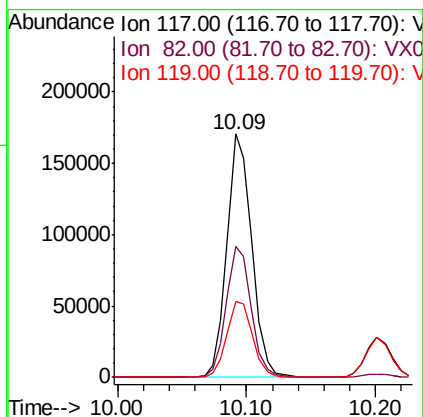
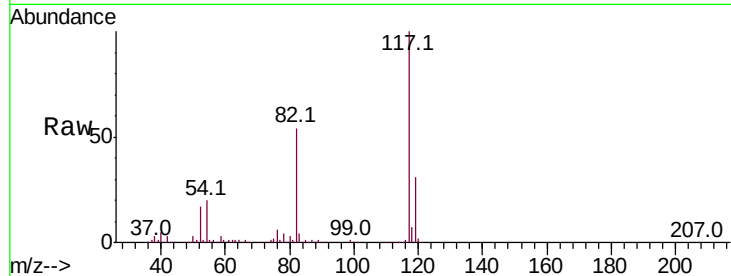




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX019116.D
Acq: 26 Oct 2020 11:45

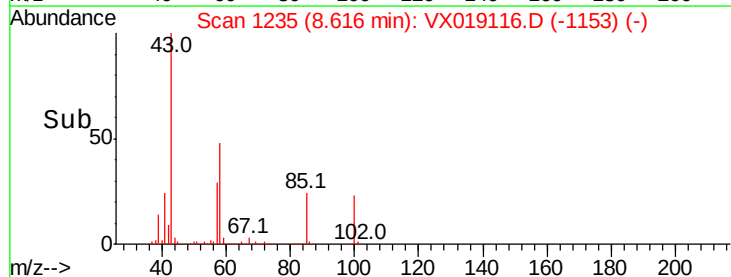
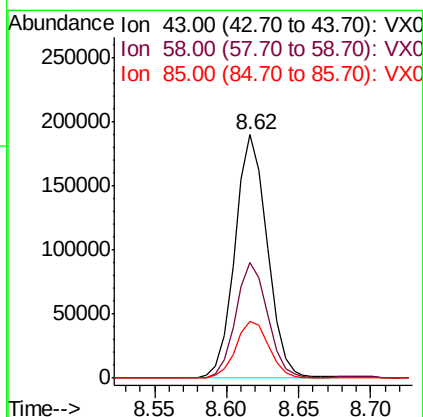
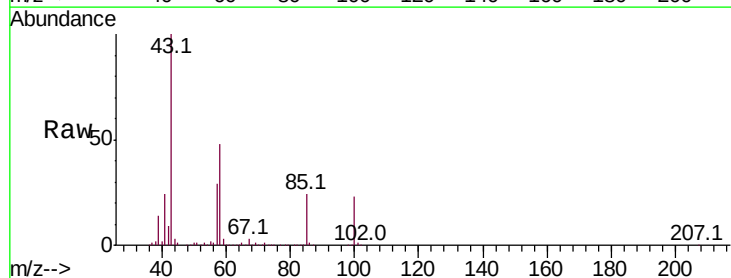
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

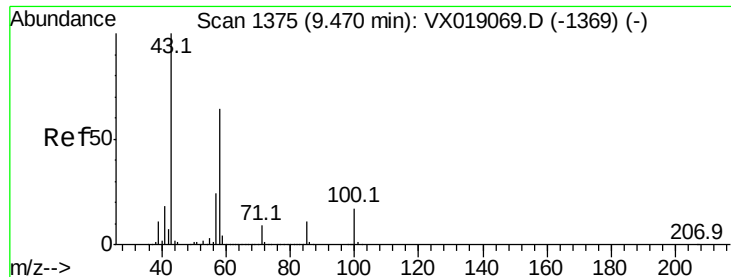
Tot Ion:117 Resp: 233182
Ion Ratio Lower Upper
117 100
82 54.1 42.5 63.7
119 32.3 25.6 38.4



#58
4-Methyl-2-Pentanone
Concen: 101.130 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX019116.D
Acq: 26 Oct 2020 11:45

Tgt Ion: 43 Resp: 297383
Ion Ratio Lower Upper
43 100
58 47.1 37.6 56.4
85 24.2 19.4 29.2

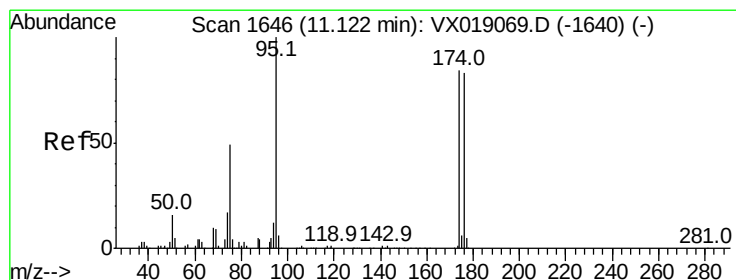
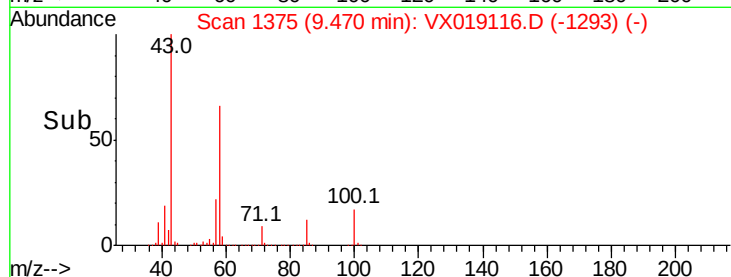
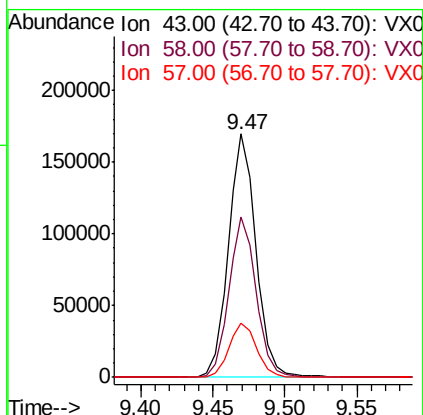
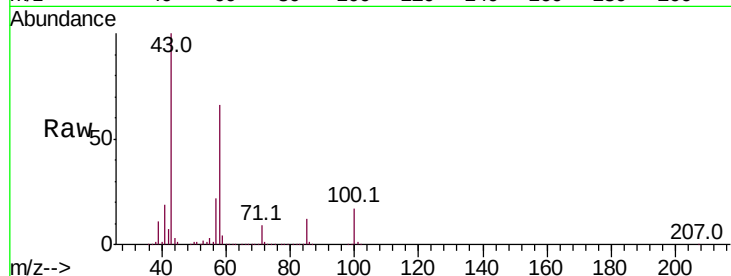




#59
2-Hexanone
Concen: 103.713 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019116.D
Acq: 26 Oct 2020 11:45

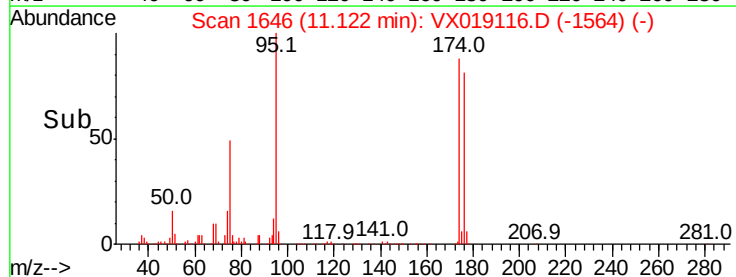
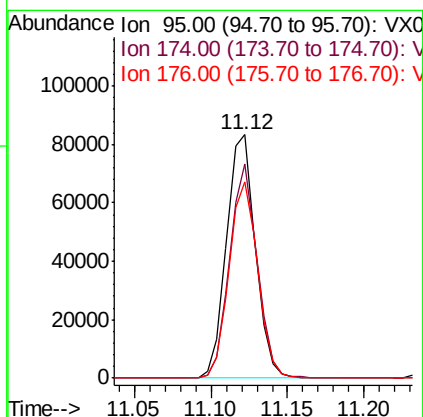
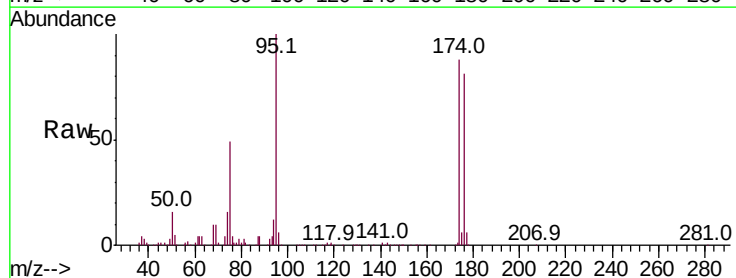
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

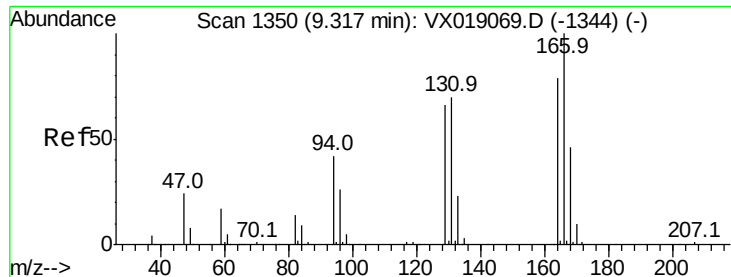
Tot Ion: 43 Resp: 227264
Ion Ratio Lower Upper
43 100
58 65.4 51.9 77.9
57 22.6 18.2 27.4



#60
4-Bromofluorobenzene
Concen: 31.272 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019116.D
Acq: 26 Oct 2020 11:45

Tgt Ion: 95 Resp: 109448
Ion Ratio Lower Upper
95 100
174 83.5 66.3 99.5
176 79.6 65.5 98.3





#61

Tetrachloroethene

Concen: 21.319 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX019116.D

Acq: 26 Oct 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:164 Resp: 58975

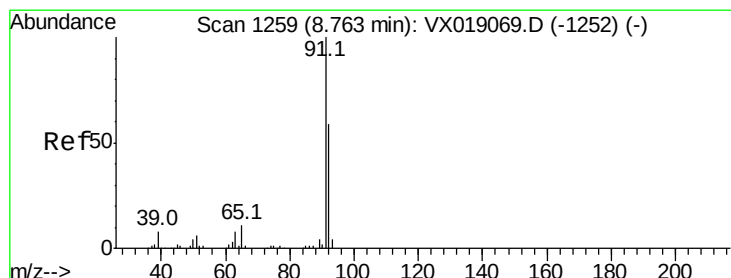
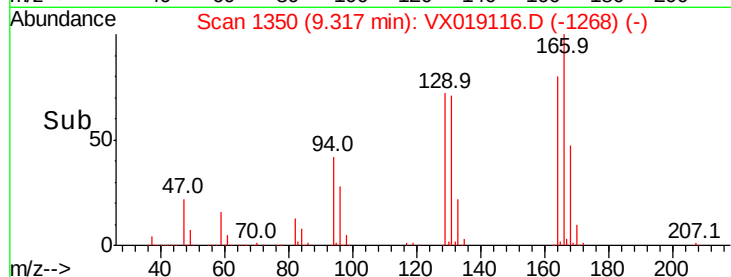
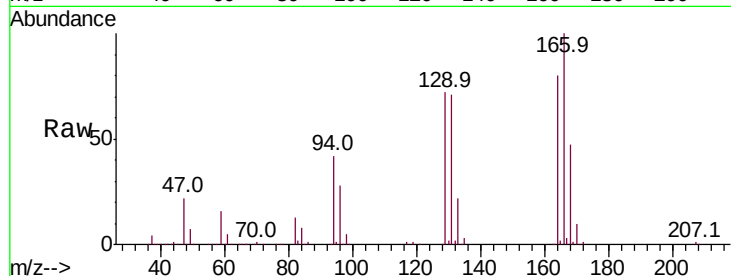
Ion Ratio Lower Upper

164 100

166 125.5 101.9 152.9

129 90.2 67.0 100.6

131 89.0 71.1 106.7



#62

Toluene

Concen: 19.635 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019116.D

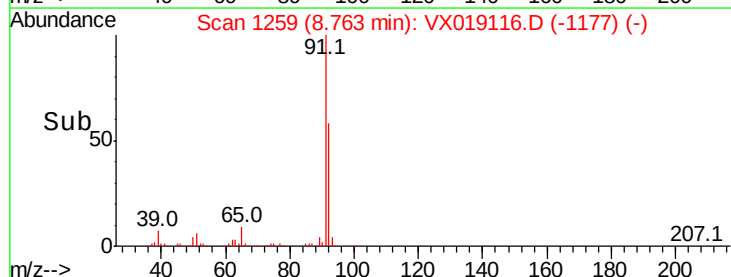
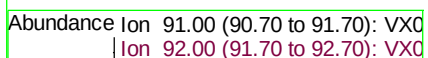
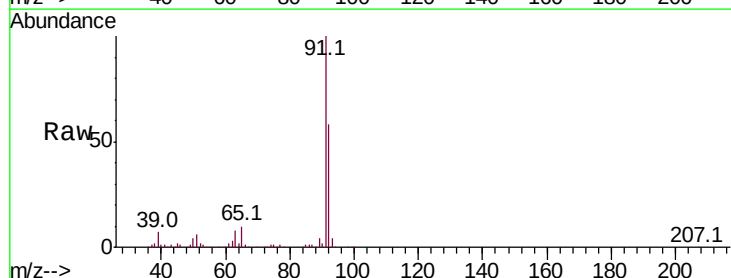
Acq: 26 Oct 2020 11:45

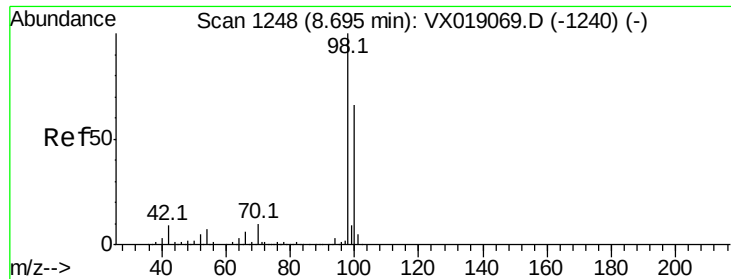
Tgt Ion: 91 Resp: 240631

Ion Ratio Lower Upper

91 100

92 57.9 47.3 70.9

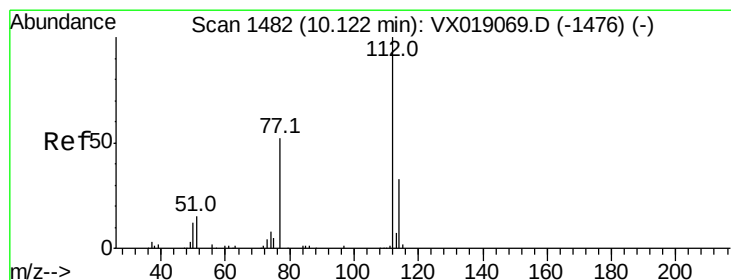
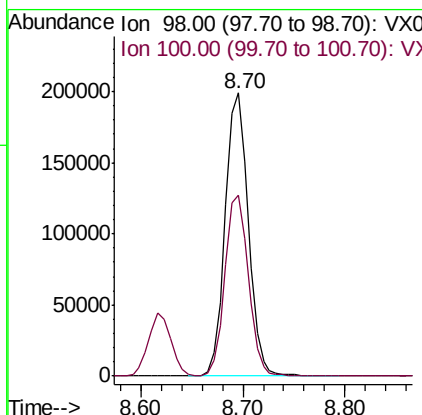
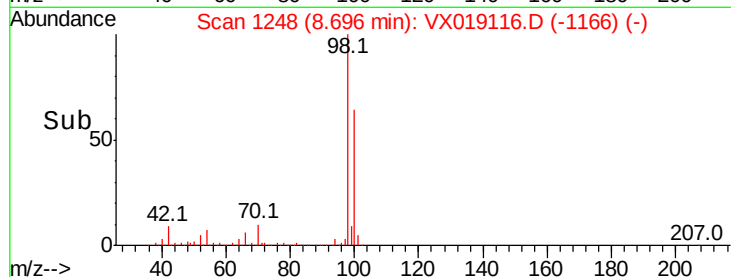
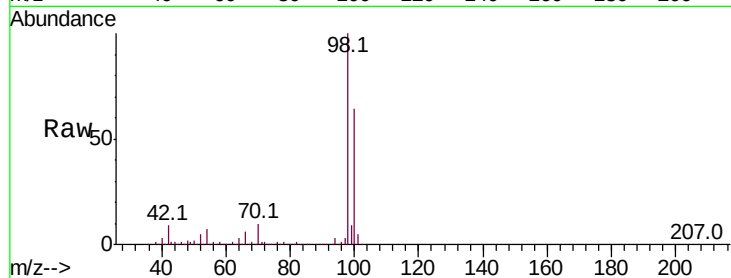




#63
Toluene-d8
Concen: 30.416 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019116.D
Acq: 26 Oct 2020 11:45

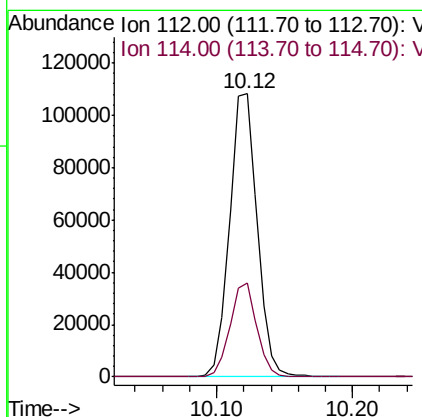
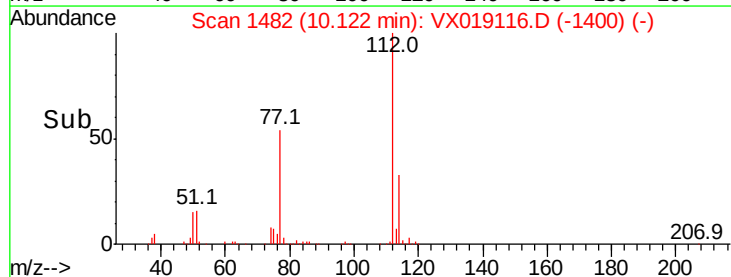
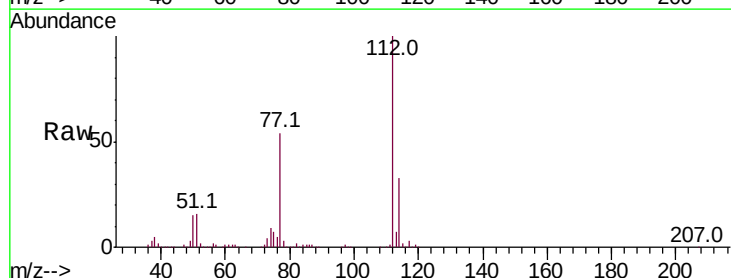
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

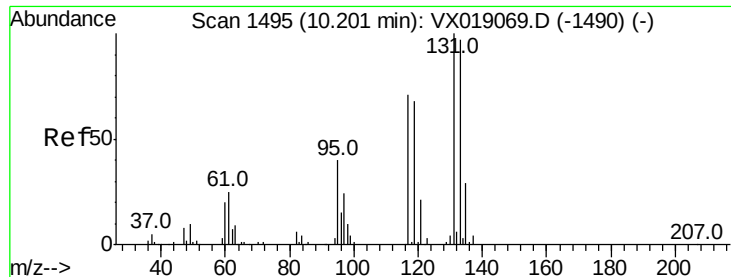
Tot Ion: 98 Resp: 313144
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4



#64
Chlorobenzene
Concen: 20.068 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019116.D
Acq: 26 Oct 2020 11:45

Tgt Ion: 112 Resp: 152882
Ion Ratio Lower Upper
112 100
114 33.3 26.2 39.2





#65

1,1,1,2-Tetrachloroethane

Concen: 20.185 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX019116.D

Acq: 26 Oct 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

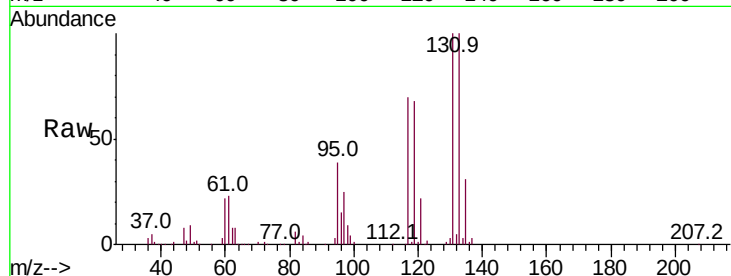
Tot Ion:131 Resp: 55925

Ion Ratio Lower Upper

131 100

133 96.5 0.0 191.6

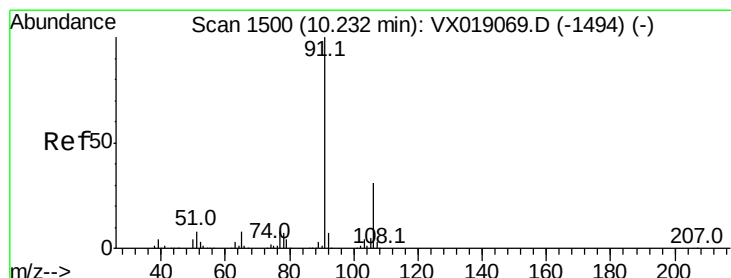
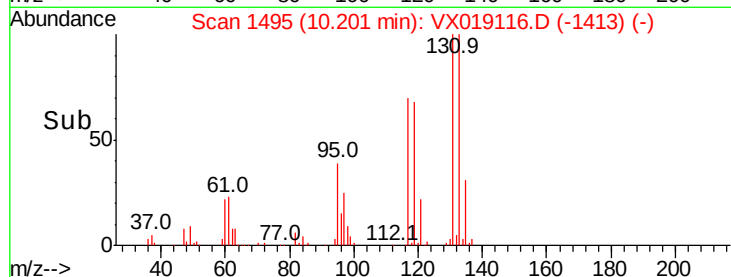
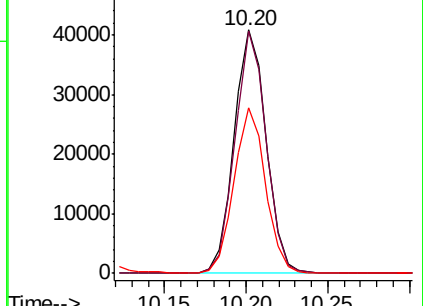
119 66.2 0.0 130.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.776 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX019116.D

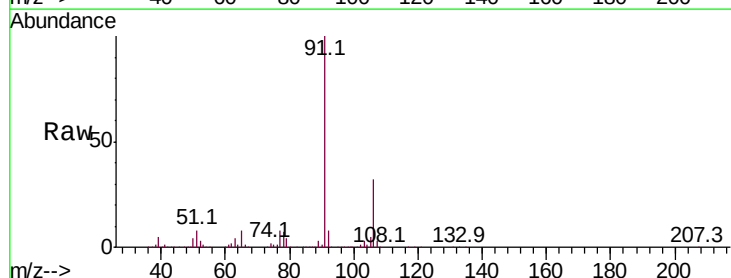
Acq: 26 Oct 2020 11:45

Tgt Ion: 91 Resp: 265711

Ion Ratio Lower Upper

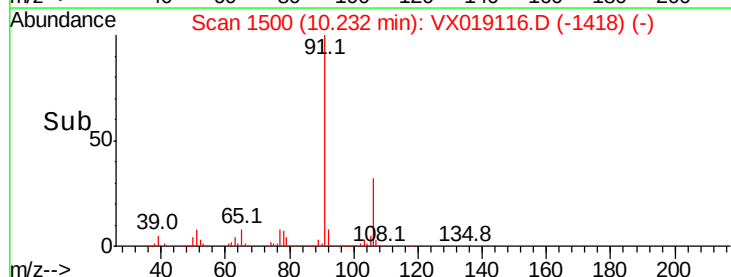
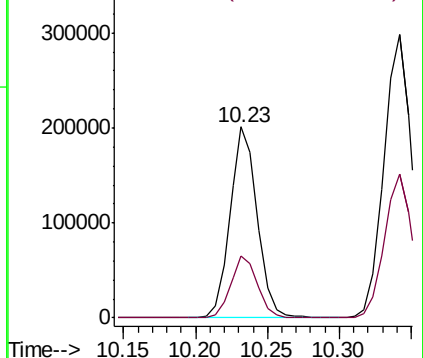
91 100

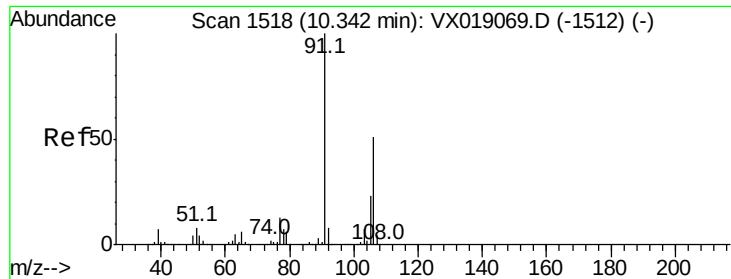
106 32.4 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

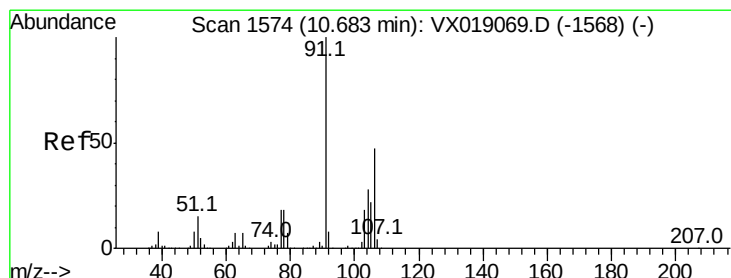
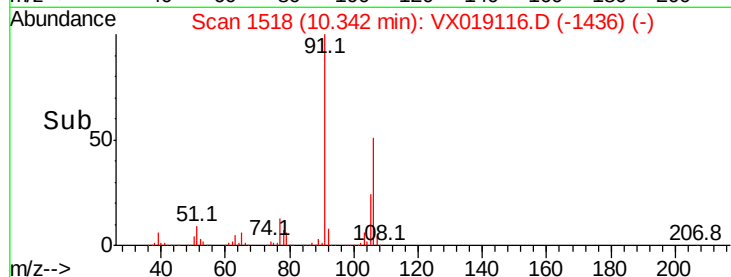
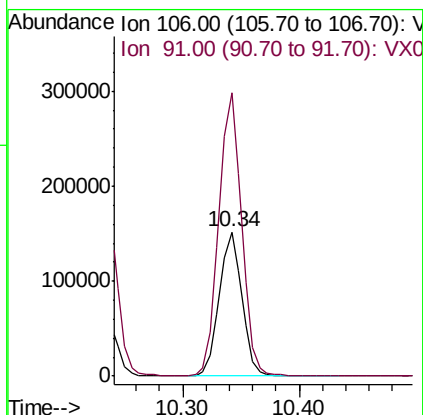
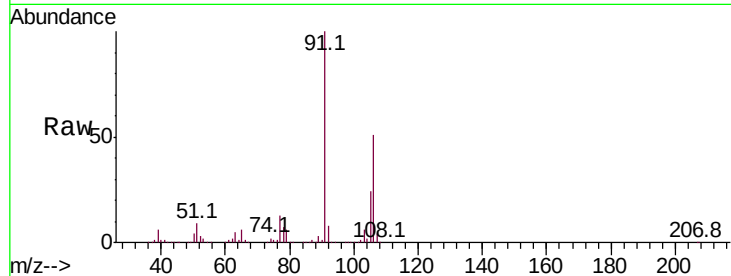




#67
m/p-Xylenes
Concen: 39.814 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019116.D
Acq: 26 Oct 2020 11:45

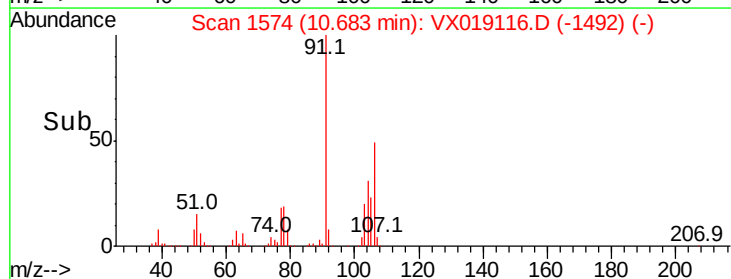
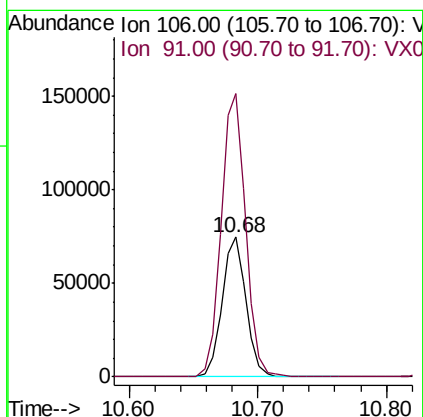
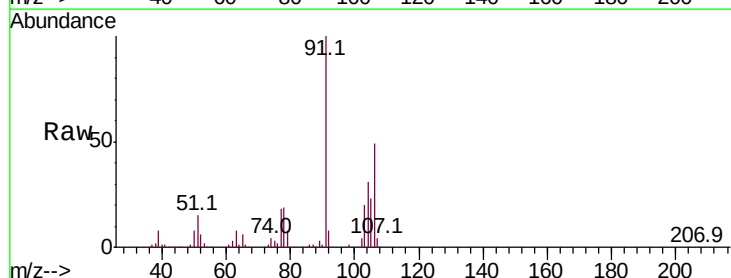
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

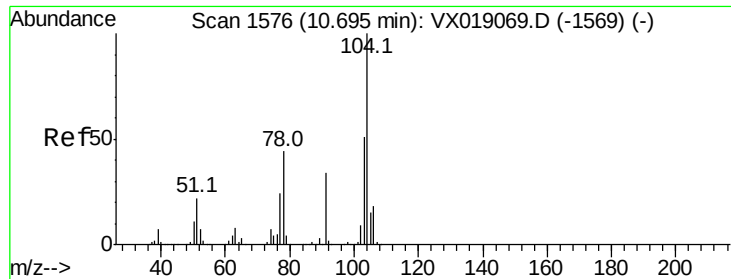
Tot Ion:106 Resp: 204009
Ion Ratio Lower Upper
106 100
91 198.1 157.5 236.3



#68
o-Xylene
Concen: 19.989 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019116.D
Acq: 26 Oct 2020 11:45

Tgt Ion:106 Resp: 97688
Ion Ratio Lower Upper
106 100
91 206.1 103.8 311.4

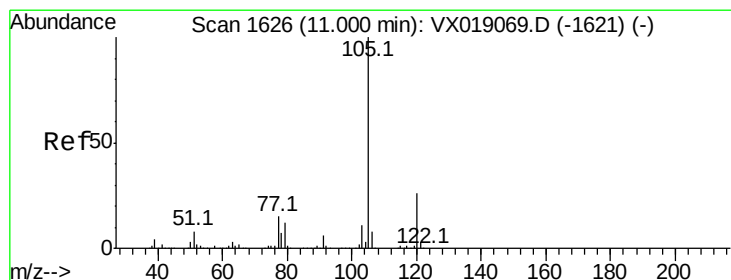
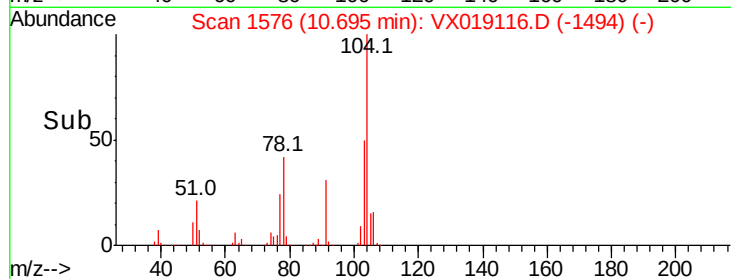
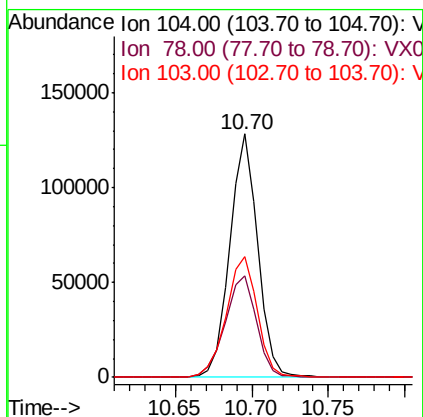
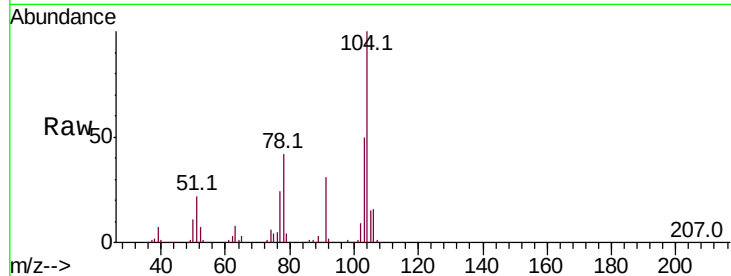




#69
Stvrene
Concen: 19.656 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019116.D
Acq: 26 Oct 2020 11:45

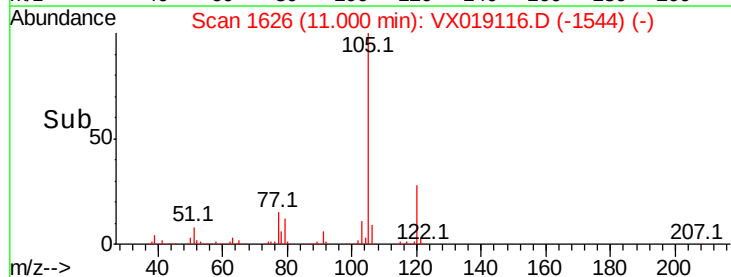
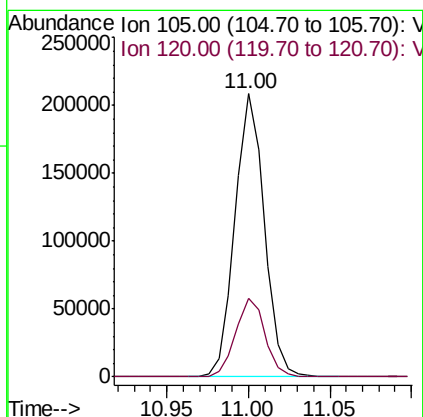
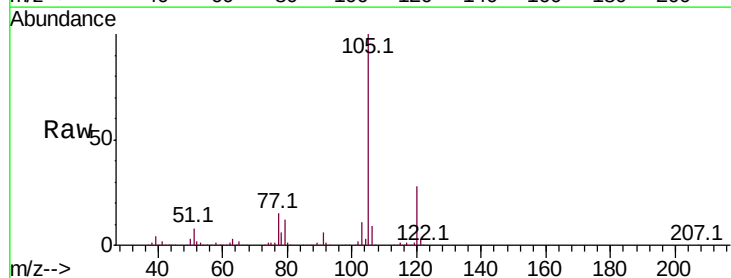
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

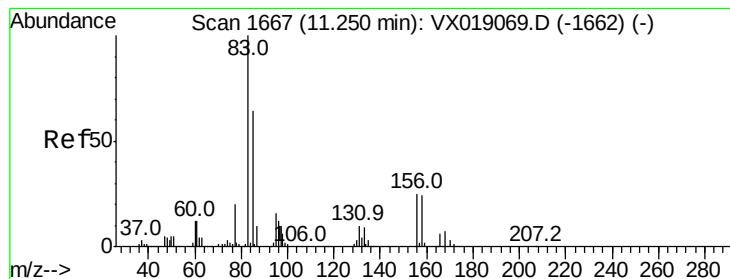
Tot Ion:104 Resp: 161850
Ion Ratio Lower Upper
104 100
78 47.4 38.6 58.0
103 55.4 43.4 65.2



#70
Isopropylbenzene
Concen: 19.925 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX019116.D
Acq: 26 Oct 2020 11:45

Tgt Ion:105 Resp: 261815
Ion Ratio Lower Upper
105 100
120 27.6 19.0 35.4





#71

1,1,2,2-Tetrachloroethane

Concen: 21.283 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019116.D

Acq: 26 Oct 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

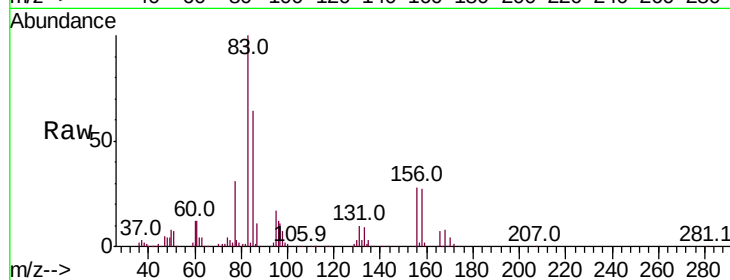
Tot Ion: 83 Resp: 80737

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

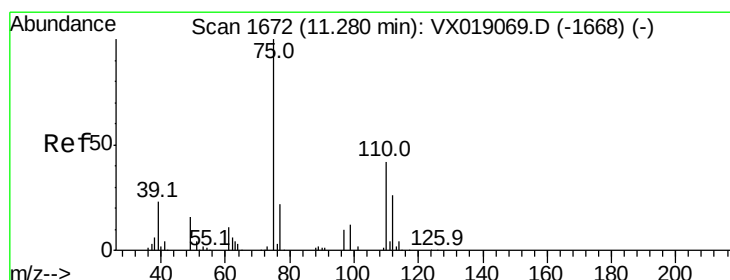
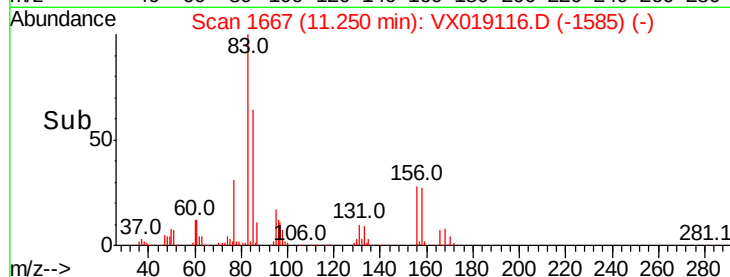
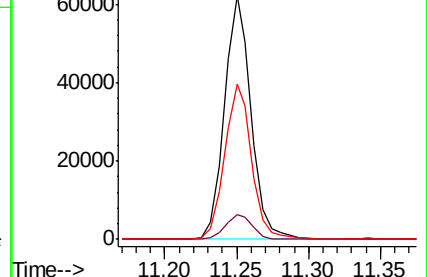
85 64.8 32.5 97.4



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 27.453 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019116.D

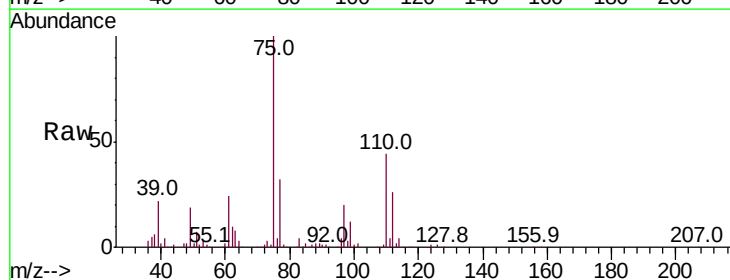
Acq: 26 Oct 2020 11:45

Tgt Ion: 75 Resp: 93656

Ion Ratio Lower Upper

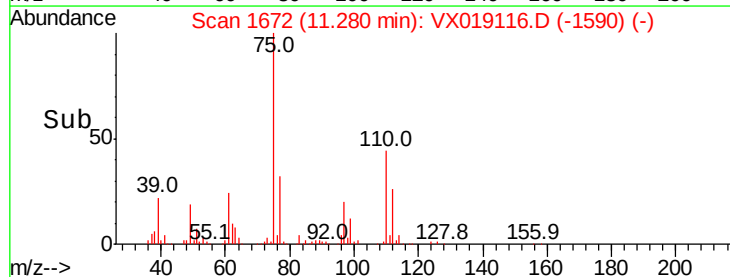
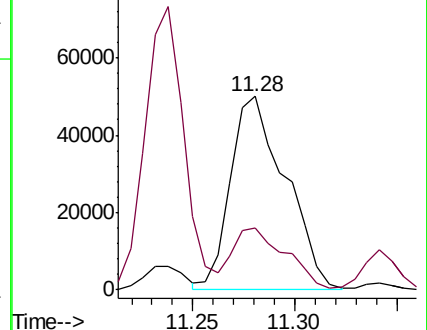
75 100

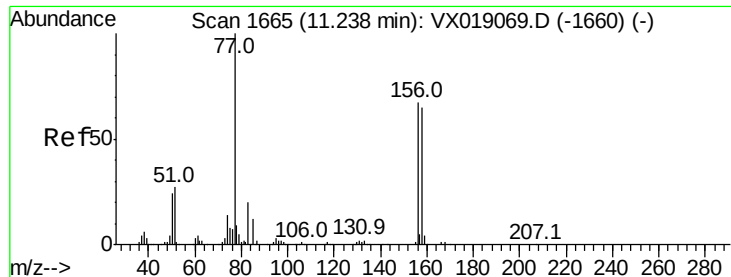
77 31.0 0.0 81.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 20.599 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019116.D

Acq: 26 Oct 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

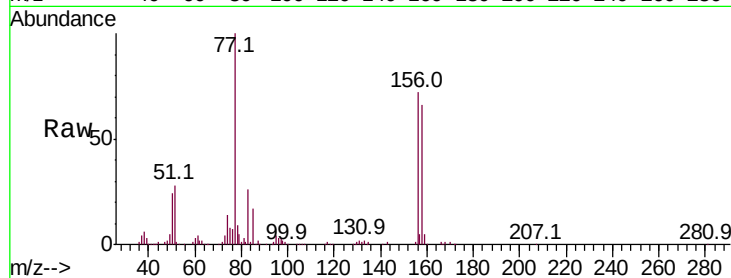
Tot Ion:156 Resp: 66153

Ion Ratio Lower Upper

156 100

77 146.9 0.0 299.6

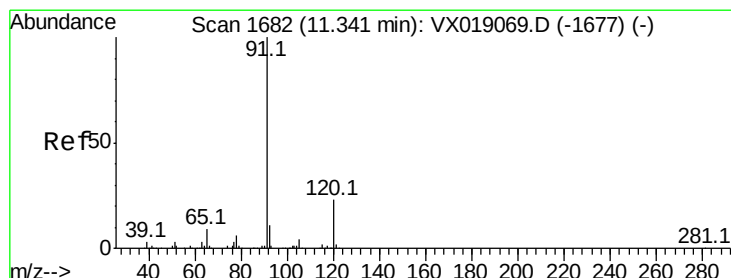
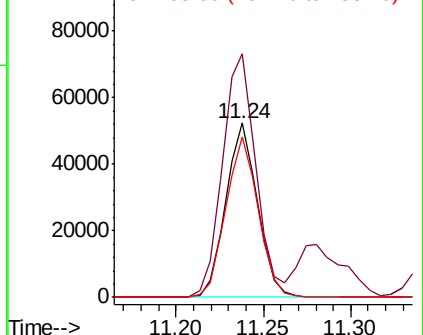
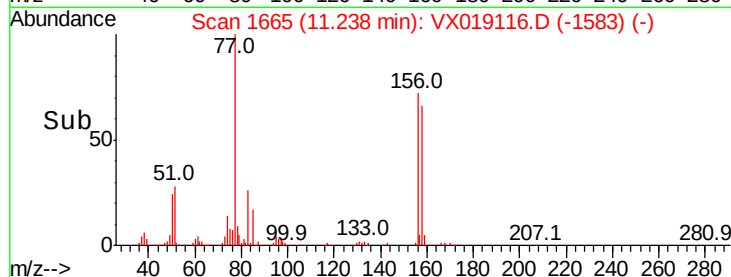
158 93.8 0.0 192.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 20.614 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019116.D

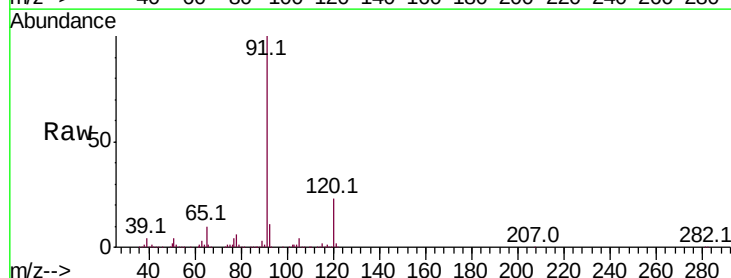
Acq: 26 Oct 2020 11:45

Tgt Ion: 91 Resp: 306702

Ion Ratio Lower Upper

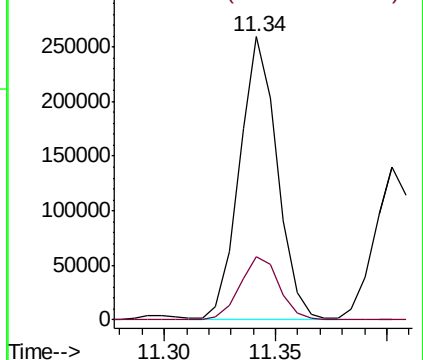
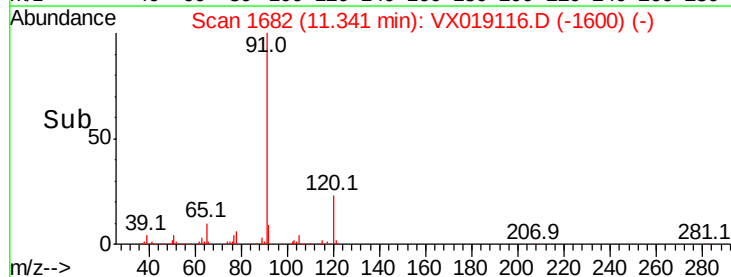
91 100

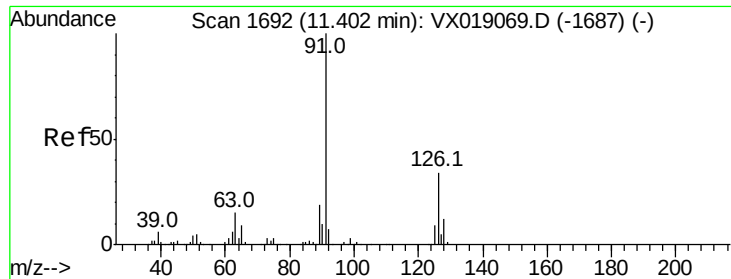
120 23.3 0.0 46.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.763 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019116.D

Acq: 26 Oct 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

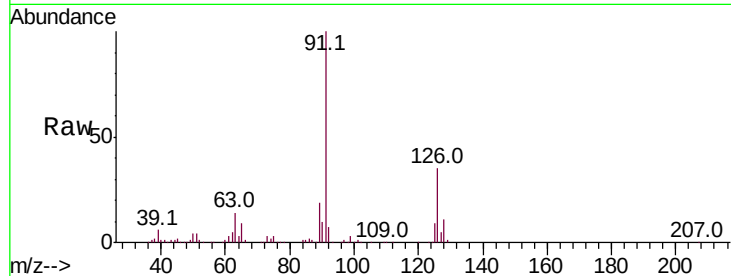
VSTDCCC020

Tot Ion: 91 Resp: 174746

Ion Ratio Lower Upper

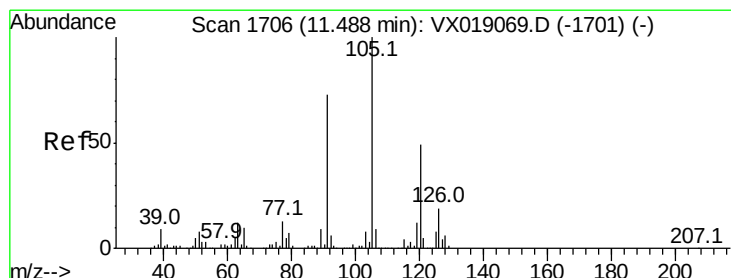
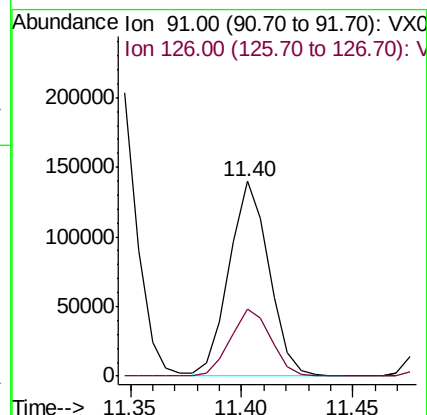
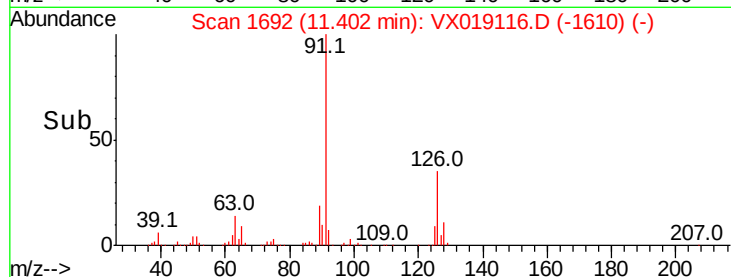
91 100

126 34.9 0.0 69.0



Abundance Ion 91.00 (90.70 to 91.70): VX019116.D (-1610) (-)

Ion 126.00 (125.70 to 126.70): VX019116.D (-1610) (-)



#76

1,3,5-Trimethylbenzene

Concen: 20.686 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019116.D

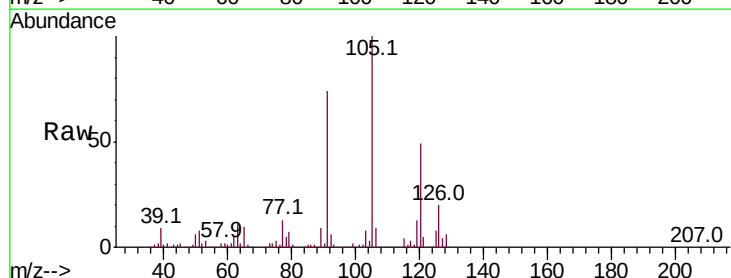
Acq: 26 Oct 2020 11:45

Tgt Ion: 105 Resp: 220570

Ion Ratio Lower Upper

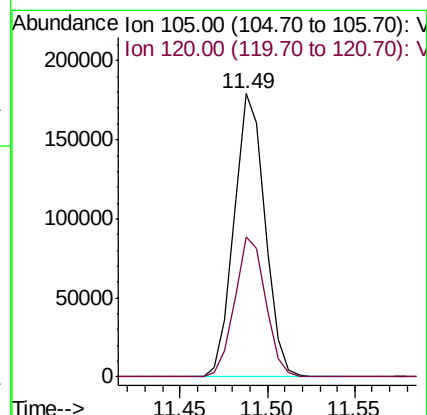
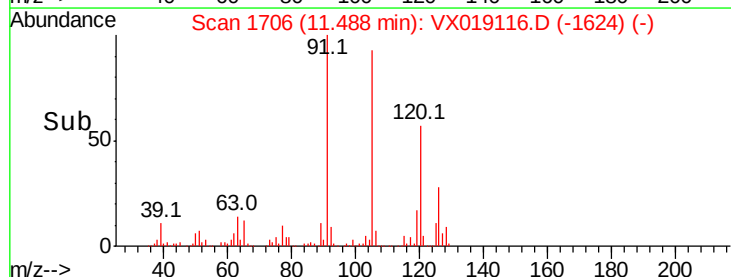
105 100

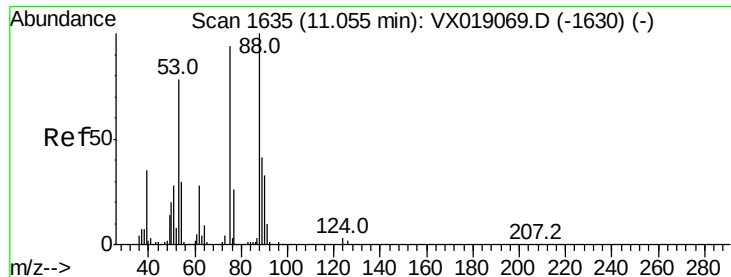
120 49.4 0.0 100.2



Abundance Ion 105.00 (104.70 to 105.70): VX019116.D (-1624) (-)

Ion 120.00 (119.70 to 120.70): VX019116.D (-1624) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 19.747 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX019116.D

Acq: 26 Oct 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

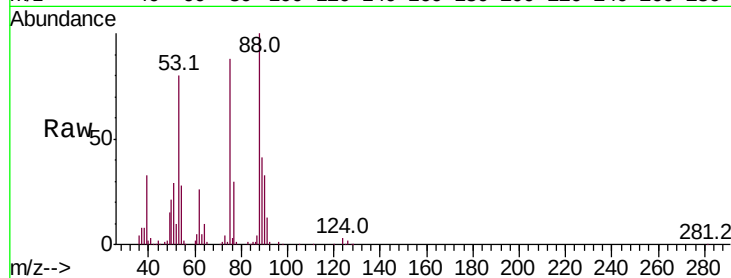
Tot Ion: 75 Resp: 26754

Ion Ratio Lower Upper

75 100

53 90.2 41.6 124.8

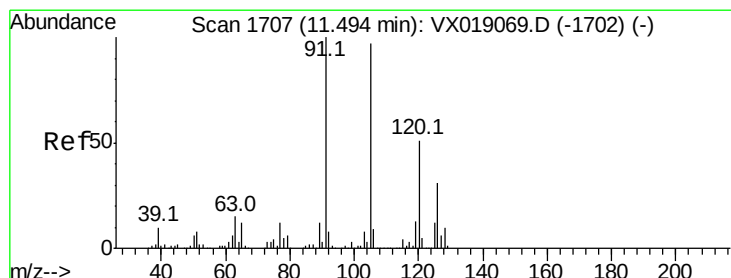
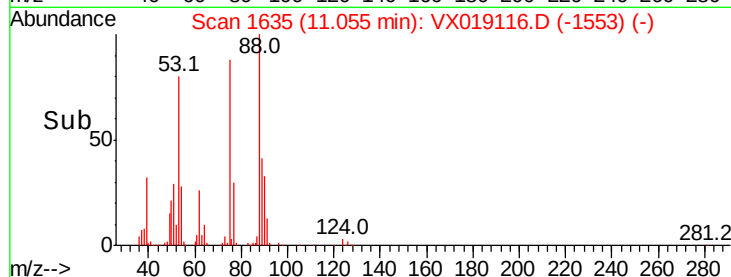
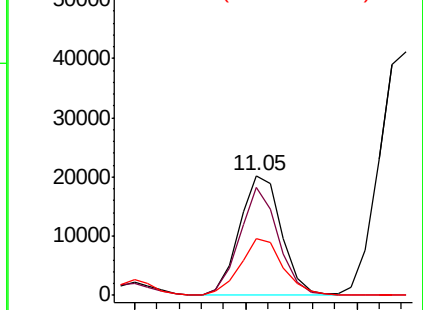
89 46.9 21.8 65.3



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 20.861 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX019116.D

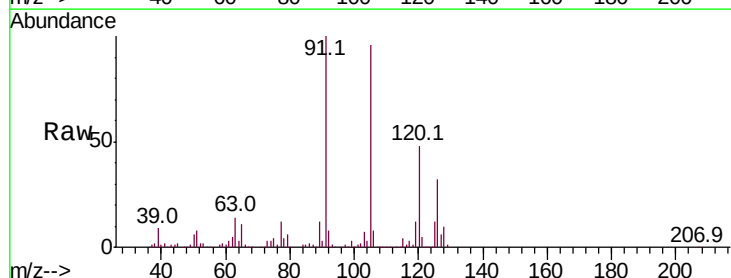
Acq: 26 Oct 2020 11:45

Tgt Ion: 91 Resp: 206314

Ion Ratio Lower Upper

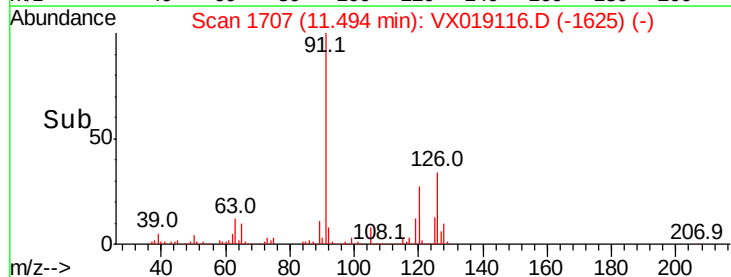
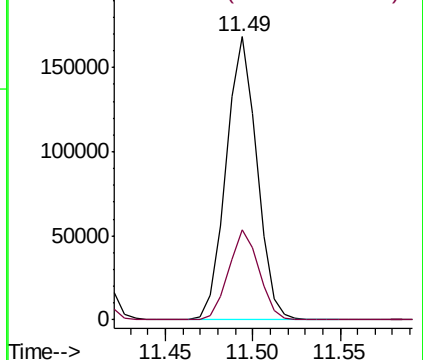
91 100

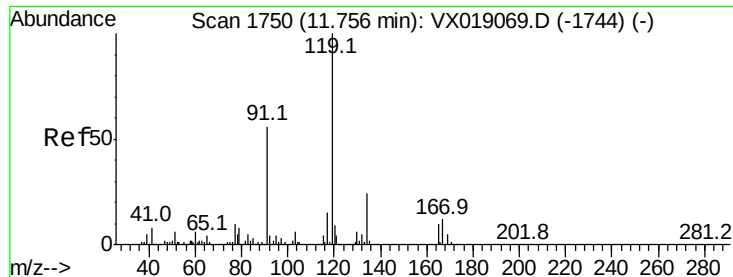
126 31.4 0.0 61.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

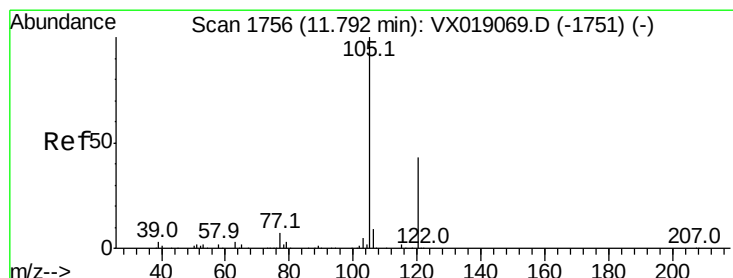
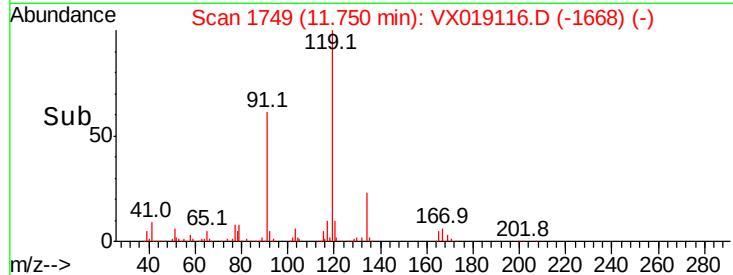
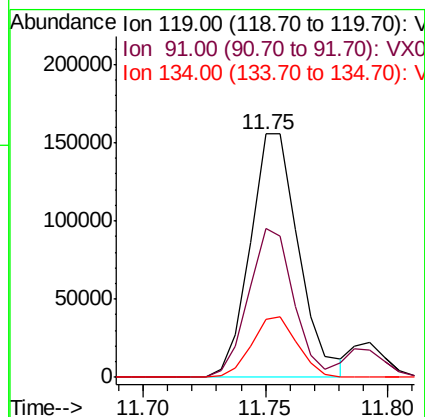
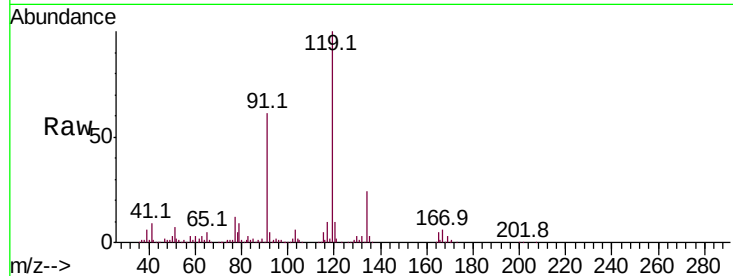




#79
tert-butylbenzene
Concen: 20.461 ug/l
RT: 11.75 min Scan# 1749
Delta R.T. -0.01 min
Lab File: VX019116.D
Acq: 26 Oct 2020 11:45

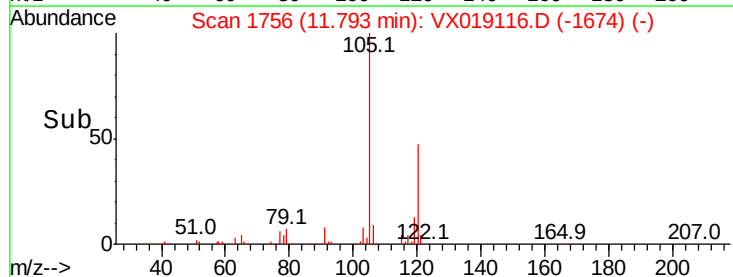
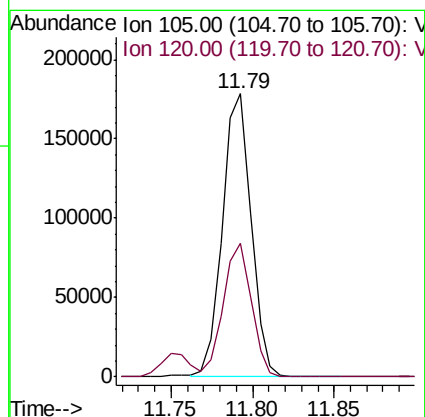
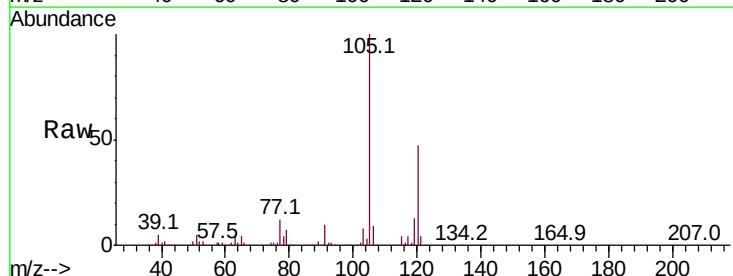
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

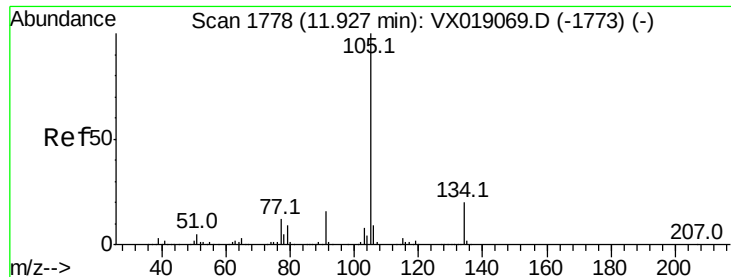
Tot Ion	Ratio	Lower	Upper
119	100		
91	56.7	0.0	111.4
134	23.6	0.0	47.2



#80
1,2,4-Trimethylbenzene
Concen: 20.673 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX019116.D
Acq: 26 Oct 2020 11:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	0.0	92.0





#81

sec-Butylbenzene

Concen: 21.051 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX019116.D

Acq: 26 Oct 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

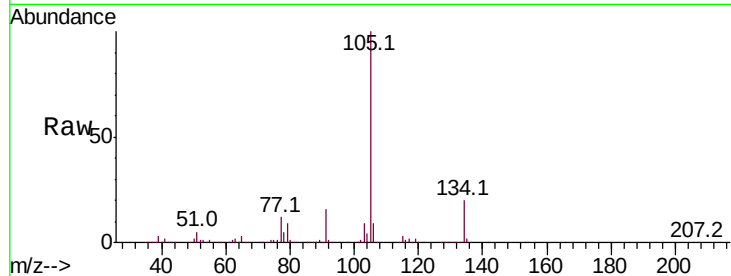
VSTDCCC020

Tot Ion:105 Resp: 261544

Ion Ratio Lower Upper

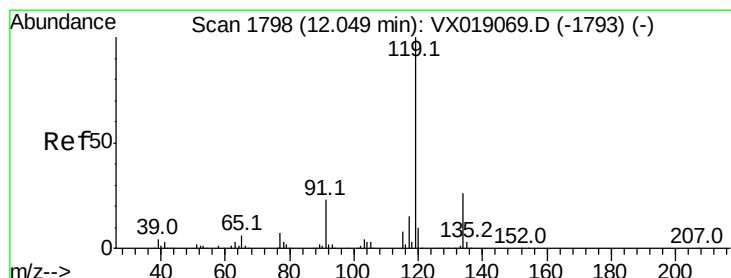
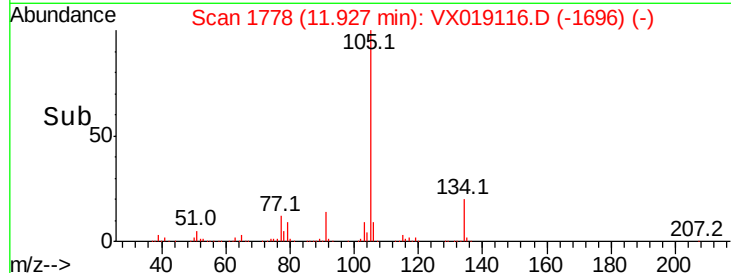
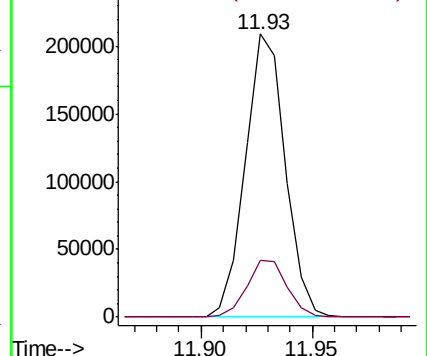
105 100

134 20.4 0.0 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 20.978 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX019116.D

Acq: 26 Oct 2020 11:45

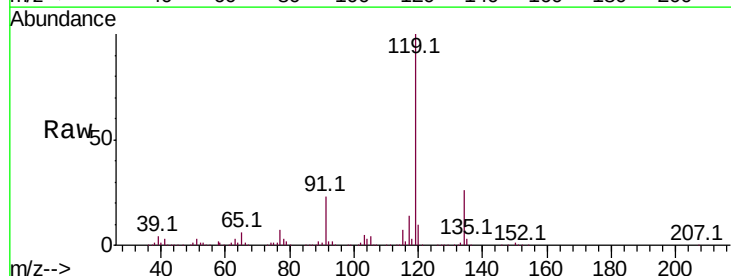
Tgt Ion:119 Resp: 240205

Ion Ratio Lower Upper

119 100

134 26.5 0.0 52.0

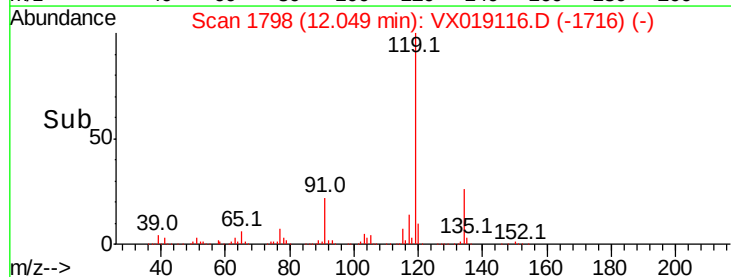
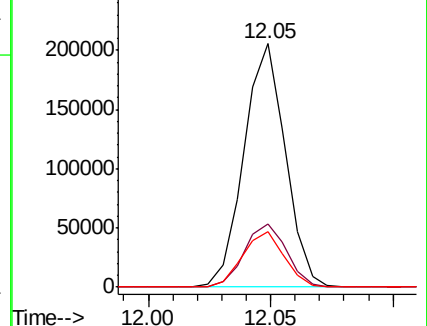
91 23.1 0.0 45.6

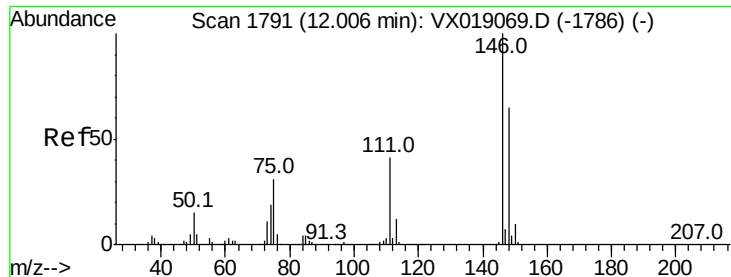


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

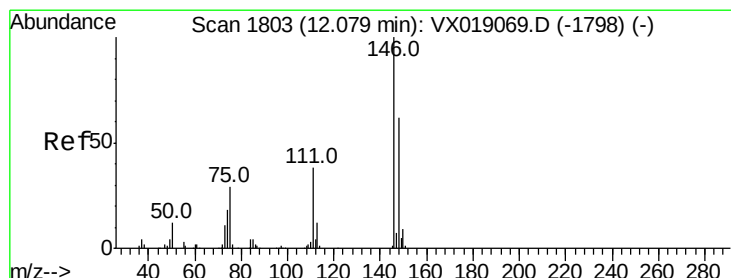
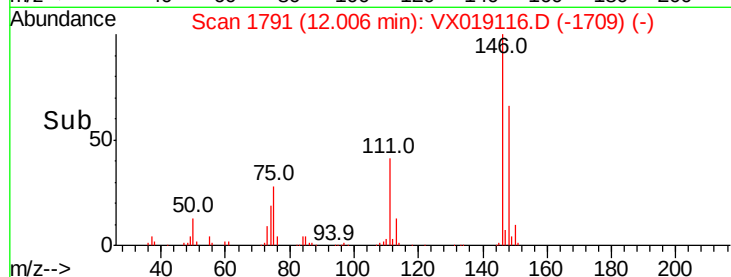
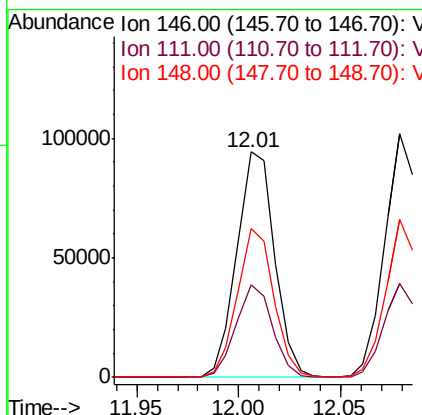
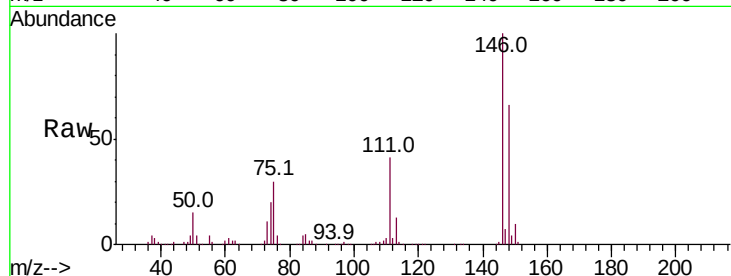




#83
 1,3-Dichlorobenzene
 Concen: 21.242 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019116.D
 Acq: 26 Oct 2020 11:45

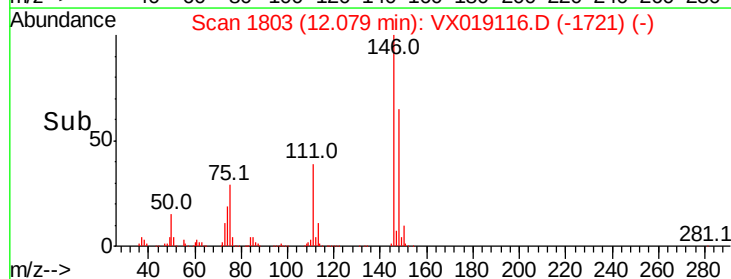
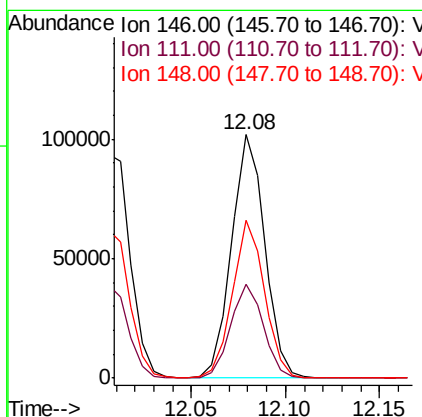
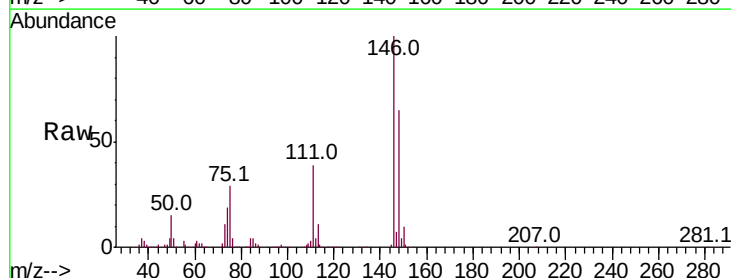
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

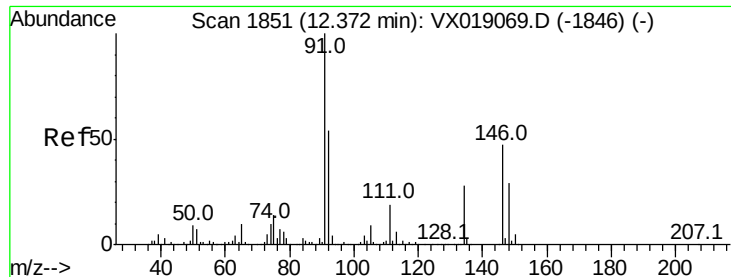
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.0	59.9
148	63.9	32.2	96.6



#84
 1,4-Dichlorobenzene
 Concen: 21.399 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019116.D
 Acq: 26 Oct 2020 11:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.9	56.7
148	62.9	31.6	95.0





#85

n-Butylbenzene

Concen: 21.486 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX019116.D

Acq: 26 Oct 2020 11:45

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

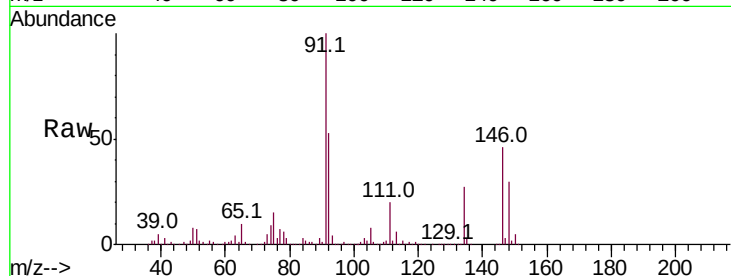
Tot Ion: 91 Resp: 220277

Ion Ratio Lower Upper

91 100

92 53.8 0.0 107.4

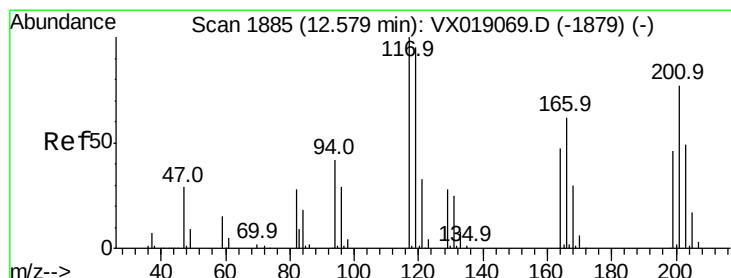
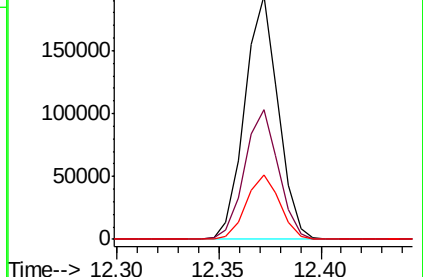
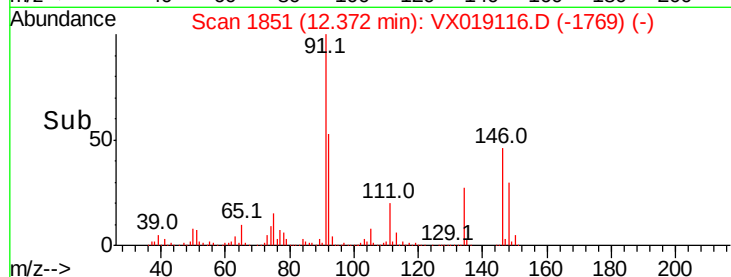
134 26.8 0.0 54.6



Abundance Ion 91.00 (90.70 to 91.70): VX019116.D (-1769) (-)

Ion 92.00 (91.70 to 92.70): VX019116.D (-1769) (-)

Ion 134.00 (133.70 to 134.70): VX019116.D (-1769) (-)



#86

Hexachloroethane

Concen: 20.164 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX019116.D

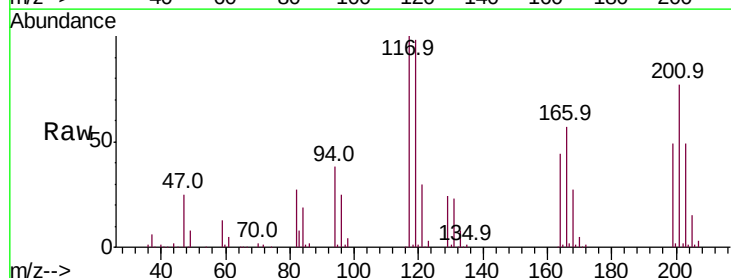
Acq: 26 Oct 2020 11:45

Tgt Ion: 117 Resp: 35462

Ion Ratio Lower Upper

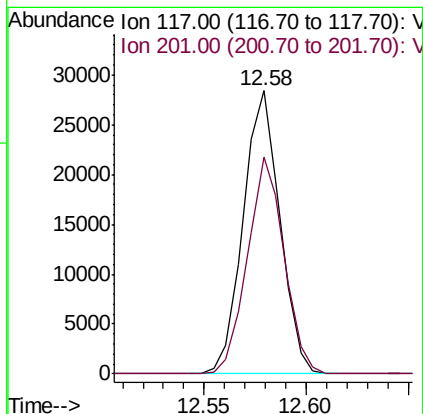
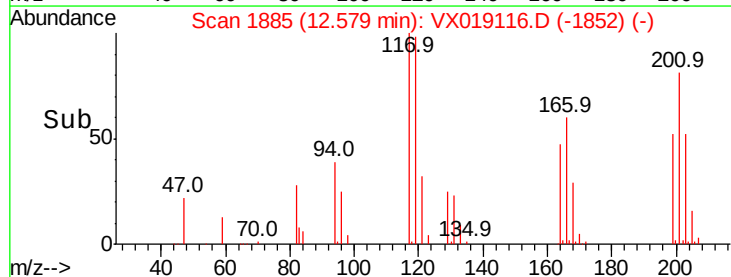
117 100

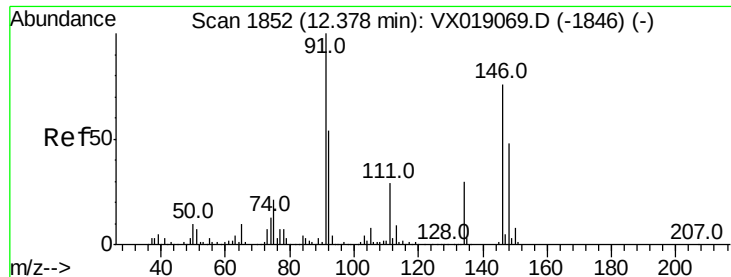
201 76.7 38.4 115.1



Abundance Ion 117.00 (116.70 to 117.70): VX019116.D (-1852) (-)

Ion 201.00 (200.70 to 201.70): VX019116.D (-1852) (-)

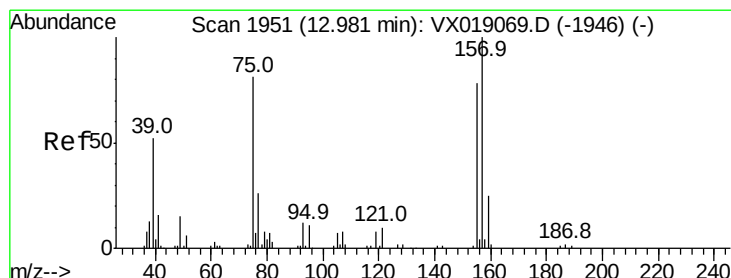
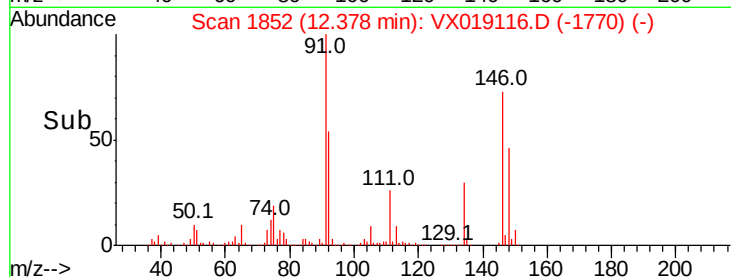
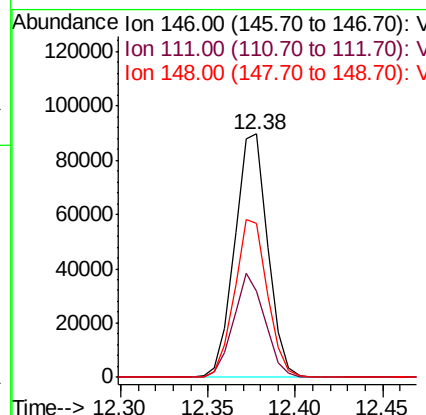
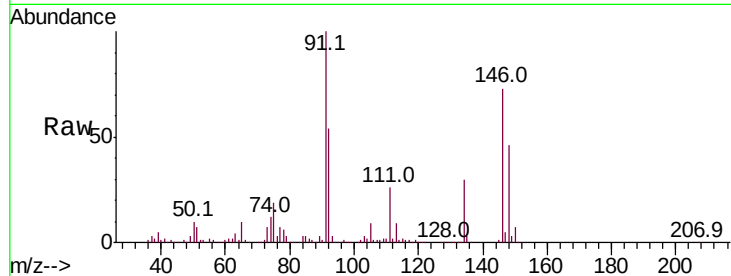




#87
 1,2-Dichlorobenzene
 Concen: 21.489 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX019116.D
 Acq: 26 Oct 2020 11:45

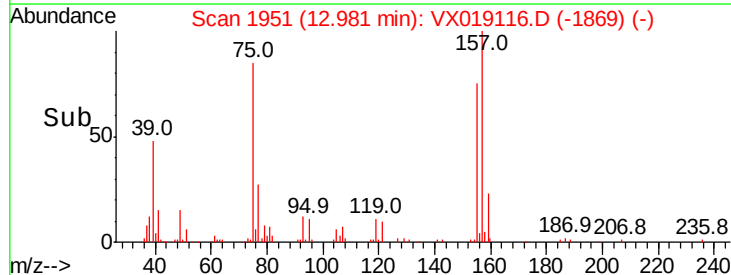
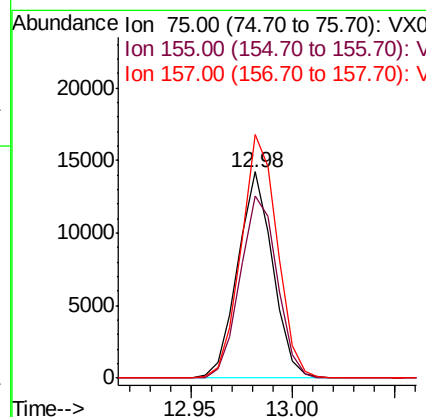
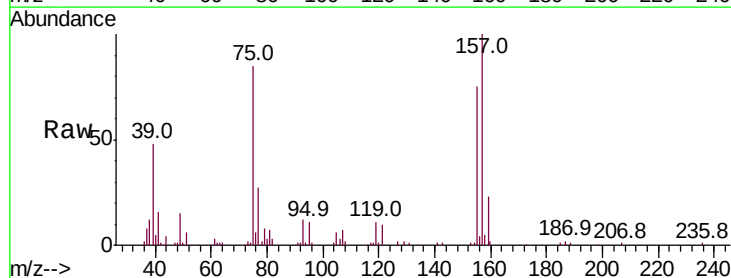
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

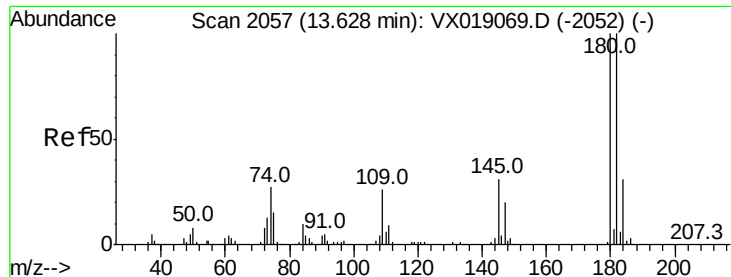
Tot Ion:146 Resp: 118081
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.3 61.0
 148 64.1 32.1 96.5



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.677 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019116.D
 Acq: 26 Oct 2020 11:45

Tgt Ion: 75 Resp: 16894
 Ion Ratio Lower Upper
 75 100
 155 93.8 73.7 110.5
 157 122.3 96.5 144.7

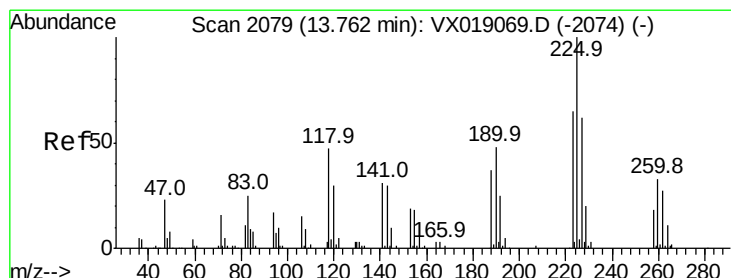
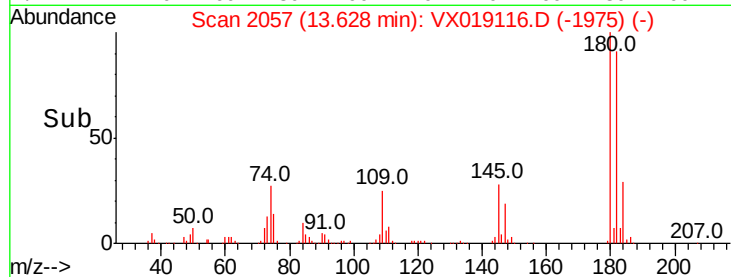
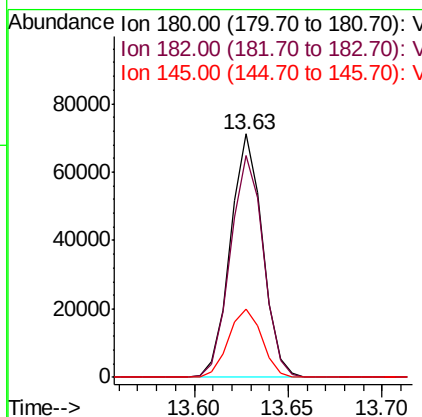
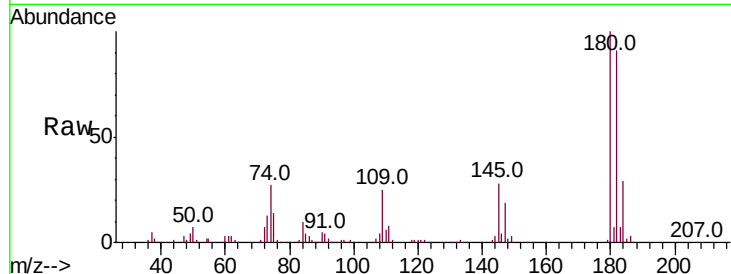




#89
 1,2,4-Trichlorobenzene
 Concen: 21.270 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019116.D
 Acq: 26 Oct 2020 11:45

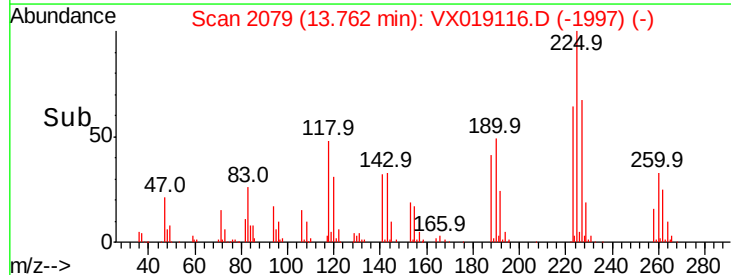
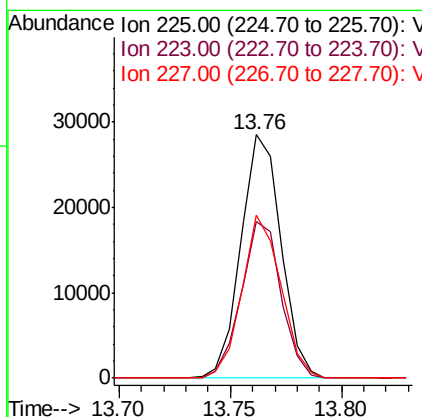
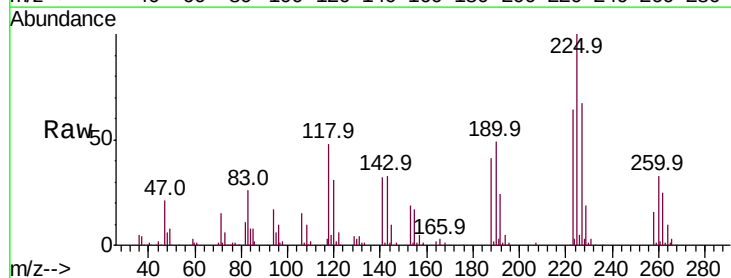
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

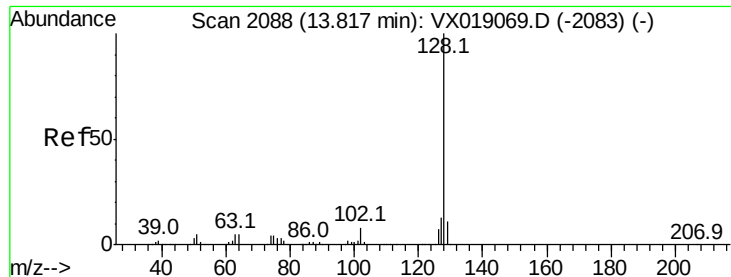
Tot Ion:180 Resp: 84110
 Ion Ratio Lower Upper
 180 100
 182 93.8 76.5 114.7
 145 29.3 24.2 36.4



#90
 Hexachlorobutadiene
 Concen: 21.449 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX019116.D
 Acq: 26 Oct 2020 11:45

Tgt Ion:225 Resp: 35963
 Ion Ratio Lower Upper
 225 100
 223 63.8 0.0 130.0
 227 65.2 0.0 128.6

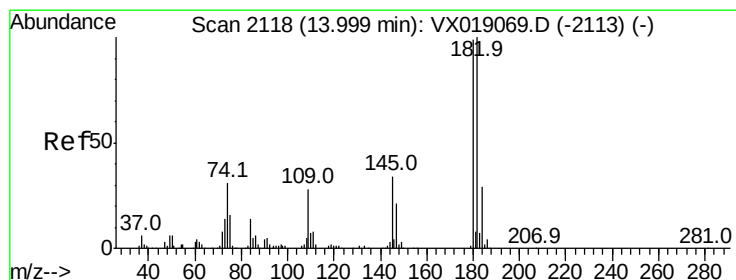
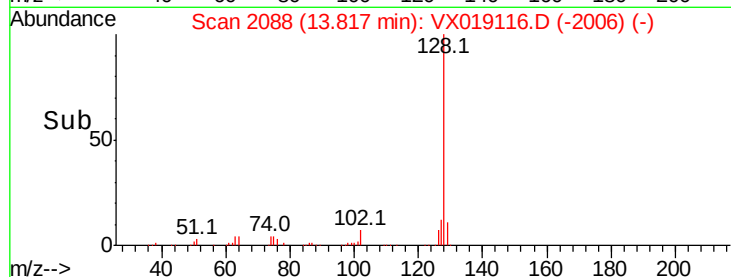
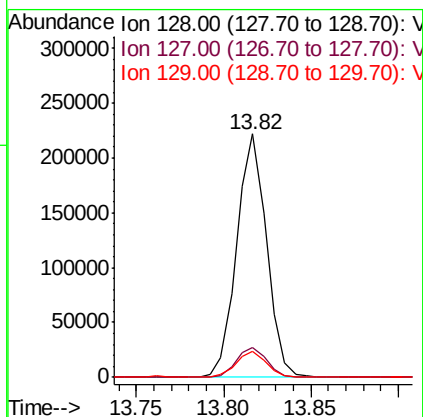
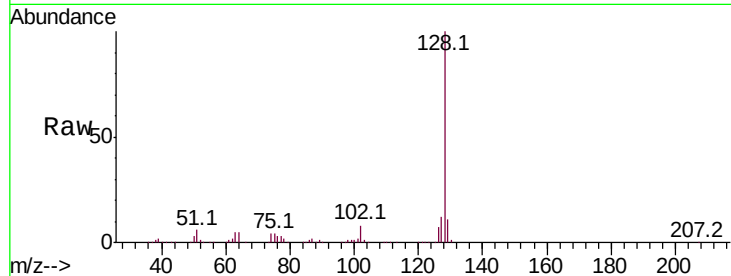




#91
Naphthalene
Concen: 20.240 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019116.D
Acq: 26 Oct 2020 11:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:128 Resp: 262008
Ion Ratio Lower Upper
128 100
127 12.6 10.6 16.0
129 10.8 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 21.515 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019116.D
Acq: 26 Oct 2020 11:45

Tgt Ion:180 Resp: 81839
Ion Ratio Lower Upper
180 100
182 95.7 0.0 192.4
145 32.1 0.0 64.6

