

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110620\
 Data File : VX019302.D
 Acq On : 05 Nov 2020 10:48
 Operator : JC/MD
 Sample : VX1106WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 06 01:06:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	252928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	425627	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	380996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	190681	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	165708	50.80	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.60%		
35) Dibromofluoromethane	5.46	113	130044	48.64	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.28%		
50) Toluene-d8	8.70	98	496402	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.50%		
62) 4-Bromofluorobenzene	11.12	95	185433	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.16%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	41854	19.850	ug/l	98
3) Chloromethane	1.31	50	47797	20.290	ug/l	97
4) Vinyl Chloride	1.39	62	56177	20.563	ug/l	100
5) Bromomethane	1.64	94	39191	21.006	ug/l	99
6) Chloroethane	1.72	64	37083	21.260	ug/l	96
7) Trichlorofluoromethane	1.92	101	86617	20.181	ug/l	96
8) Diethyl Ether	2.17	74	33723	20.473	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	48740	20.488	ug/l	98
10) Methyl Iodide	2.49	142	41416	19.246	ug/l	100
11) Tert butyl alcohol	3.01	59	62117	96.417	ug/l	99
12) 1,1-Dichloroethene	2.36	96	46638	19.025	ug/l	98
13) Acrolein	2.27	56	20850	76.396	ug/l	99
14) Allyl chloride	2.71	41	75151	20.240	ug/l	99
15) Acrylonitrile	3.11	53	136517	100.839	ug/l	99
16) Acetone	2.42	43	120530	107.112	ug/l	99
17) Carbon Disulfide	2.55	76	127834	18.776	ug/l	100
18) Methyl Acetate	2.75	43	57627	21.060	ug/l	97
19) Methyl tert-butyl Ether	3.16	73	169924	20.006	ug/l	99
20) Methylene Chloride	2.83	84	55854	19.771	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	53991	19.137	ug/l	96
22) Diisopropyl ether	3.82	45	157747	21.310	ug/l	91
23) Vinyl Acetate	3.78	43	682952	103.460	ug/l	98
24) 1,1-Dichloroethane	3.67	63	96405	20.859	ug/l	99
25) 2-Butanone	4.63	43	182679	103.009	ug/l	96
26) 2,2-Dichloropropane	4.54	77	86702	19.955	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	61337	19.455	ug/l	97
28) Bromochloromethane	4.98	49	43854	20.872	ug/l	92
29) Tetrahydrofuran	5.09	42	114323	102.293	ug/l	97
30) Chloroform	5.17	83	100975	20.526	ug/l	99
31) Cyclohexane	5.54	56	83542	20.262	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	88576	19.859	ug/l	98
36) 1,1-Dichloropropene	5.76	75	76302	19.414	ug/l	98
37) Ethyl Acetate	4.79	43	72386	19.836	ug/l	99
38) Carbon Tetrachloride	5.75	117	76545	19.107	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110620\
 Data File : VX019302.D
 Acq On : 05 Nov 2020 10:48
 Operator : JC/MD
 Sample : VX1106WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 06 01:06:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	91053	19.375	ug/l	96
40) Benzene	6.11	78	224294	20.127	ug/l	100
41) Methacrylonitrile	4.99	41	38007	19.340	ug/l	98
42) 1,2-Dichloroethane	6.16	62	82233	20.023	ug/l	100
43) Isopropyl Acetate	6.40	43	118524	19.397	ug/l	99
44) Trichloroethene	7.18	130	59536	18.655	ug/l	90
45) 1,2-Dichloropropane	7.49	63	56116	20.559	ug/l	97
46) Dibromomethane	7.63	93	38887	19.267	ug/l	95
47) Bromodichloromethane	7.87	83	77037	19.364	ug/l	98
48) Methyl methacrylate	7.74	41	56542	19.226	ug/l	99
49) 1,4-Dioxane	7.72	88	24047	367.669	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	355249	101.155	ug/l	99
52) Toluene	8.76	92	141020	19.648	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	82834	18.229	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	91343	19.116	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	55852	19.695	ug/l	97
56) Ethyl methacrylate	9.16	69	81677	19.068	ug/l	96
57) 1,3-Dichloropropane	9.35	76	95229	19.917	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	222557	92.905	ug/l	96
59) 2-Hexanone	9.47	43	271236	101.461	ug/l	99
60) Dibromochloromethane	9.56	129	56943	18.502	ug/l	99
61) 1,2-Dibromoethane	9.65	107	58534	19.302	ug/l	98
64) Tetrachloroethene	9.32	164	55702	19.189	ug/l	97
65) Chlorobenzene	10.12	112	147238	18.908	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	52572	18.753	ug/l	98
67) Ethyl Benzene	10.23	91	268453	19.346	ug/l	99
68) m/p-Xylenes	10.34	106	199858	38.376	ug/l	97
69) o-Xylene	10.68	106	94365	19.103	ug/l	99
70) Styrene	10.70	104	160971	19.099	ug/l	99
71) Bromoform	10.84	173	39299	17.681	ug/l #	99
73) Isopropylbenzene	11.00	105	261790	19.396	ug/l	98
74) N-amyl acetate	10.88	43	94225	19.093	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	82714	19.608	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	96407	24.486	ug/l	86
77) Bromobenzene	11.24	156	61941	18.491	ug/l	94
78) n-propylbenzene	11.34	91	300176	19.482	ug/l	99
79) 2-Chlorotoluene	11.40	91	176803	19.491	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	219187	19.223	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	25371	16.967	ug/l	94
82) 4-Chlorotoluene	11.49	91	212538	19.187	ug/l	99
83) tert-Butylbenzene	11.76	119	208752	19.120	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	223350	19.402	ug/l	99
85) sec-Butylbenzene	11.93	105	251902	19.237	ug/l	99
86) p-Isopropyltoluene	12.05	119	233580	19.326	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	117181	18.784	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	116921	18.005	ug/l	98
89) n-Butylbenzene	12.37	91	212774	18.729	ug/l	99
90) Hexachloroethane	12.58	117	36602	17.817	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	112000	18.697	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18080	17.508	ug/l	91

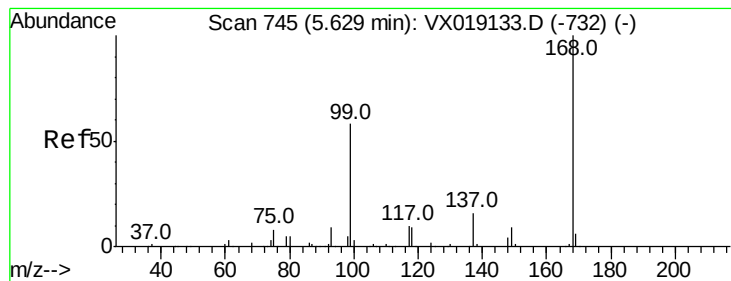
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110620\
Data File : VX019302.D
Acq On : 05 Nov 2020 10:48
Operator : JC/MD
Sample : VX1106WBS02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Nov 06 01:06:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 27 13:55:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	73748	16.390	ug/l	97
94) Hexachlorobutadiene	13.77	225	33127	16.725	ug/l	97
95) Naphthalene	13.82	128	234459	16.545	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	72050	16.506	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Instrument :

MSVOA_X

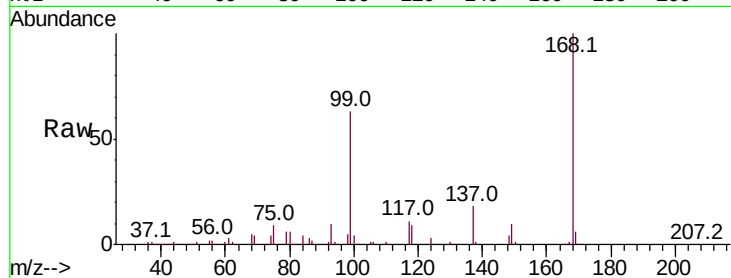
ClientSampleId :

Tot Ion:168 Resp: 252928

Ion Ratio Lower Upper

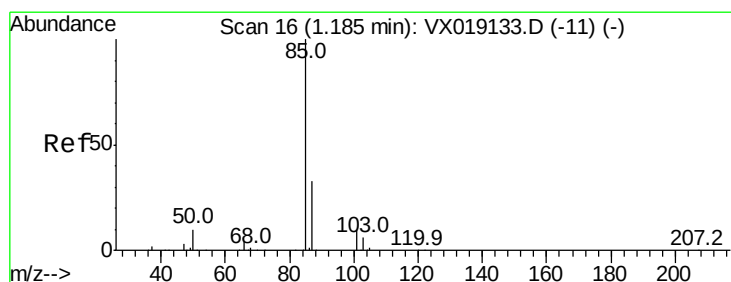
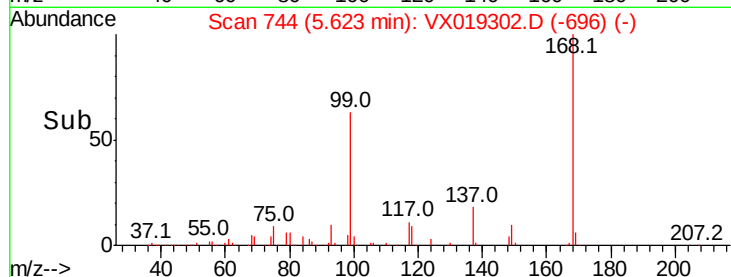
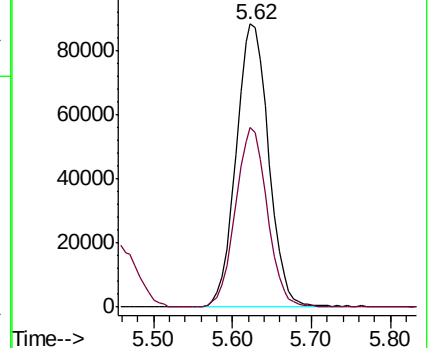
168 100

99 63.4 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.850 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019302.D

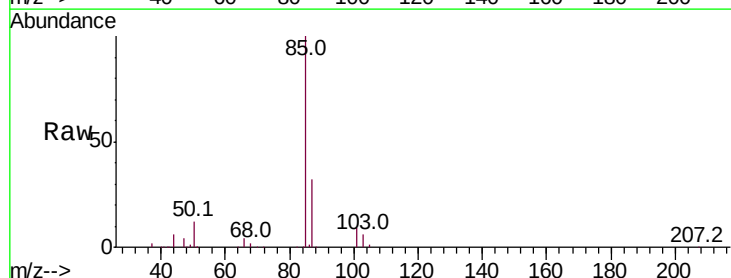
Acq: 05 Nov 2020 10:48

Tgt Ion: 85 Resp: 41854

Ion Ratio Lower Upper

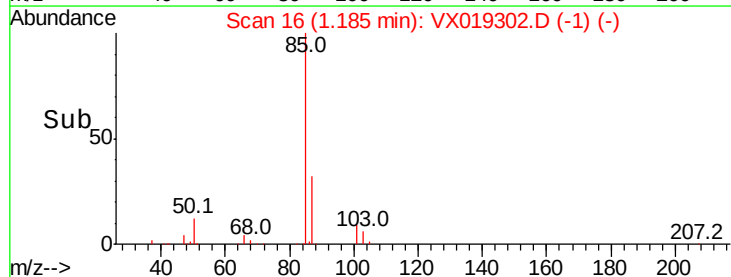
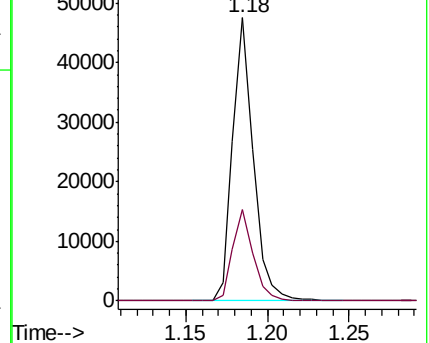
85 100

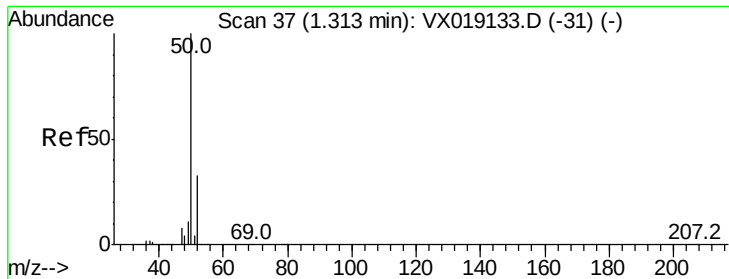
87 32.2 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 20.290 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Instrument :

MSVOA_X

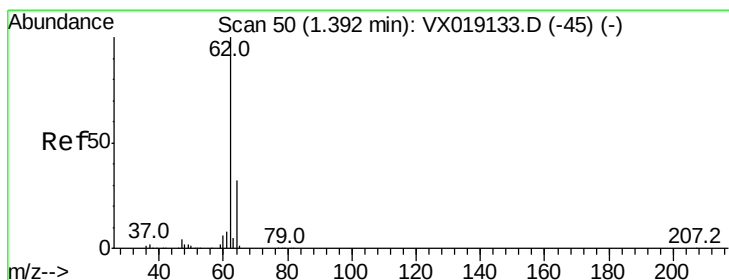
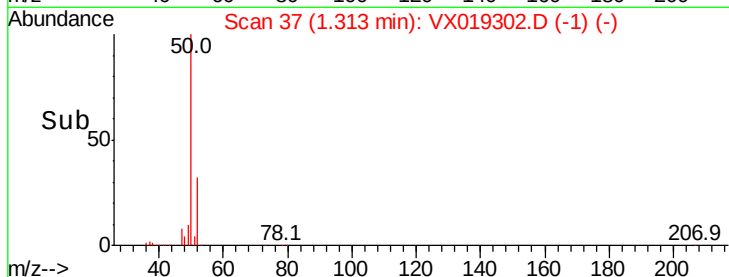
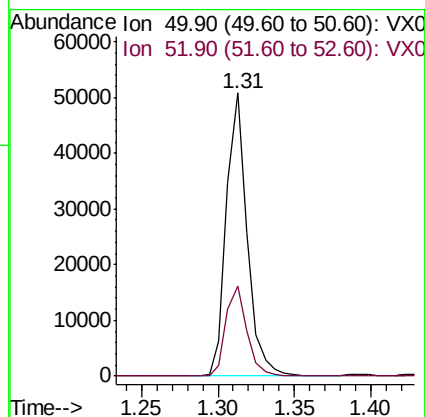
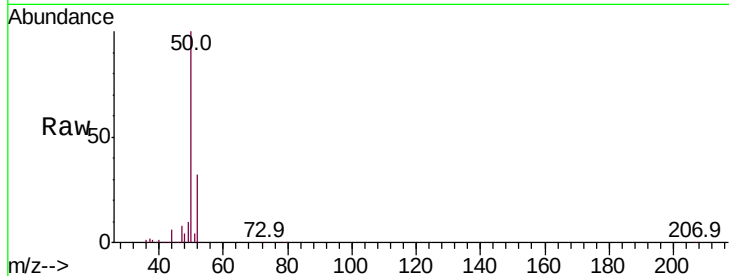
ClientSampleId :

Tot Ion: 50 Resp: 47797

Ion Ratio Lower Upper

50 100

52 31.9 26.8 40.2



#4

Vinyl Chloride

Concen: 20.563 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019302.D

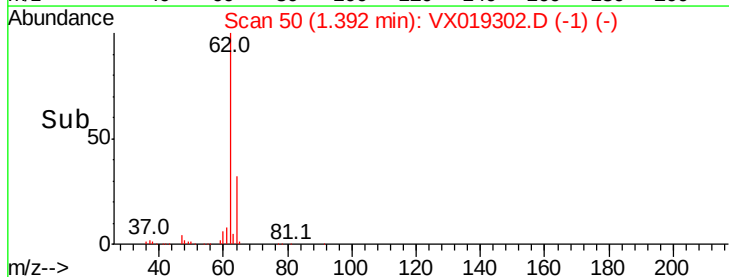
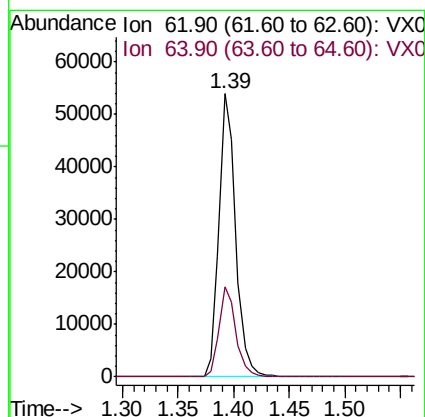
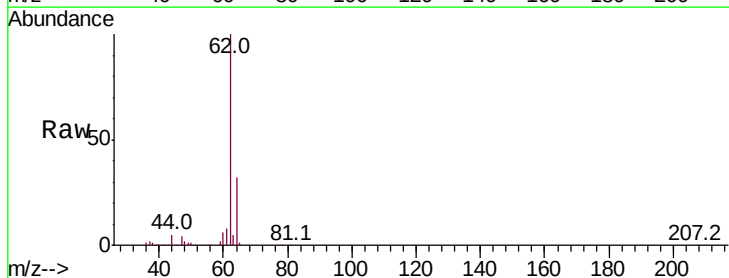
Acq: 05 Nov 2020 10:48

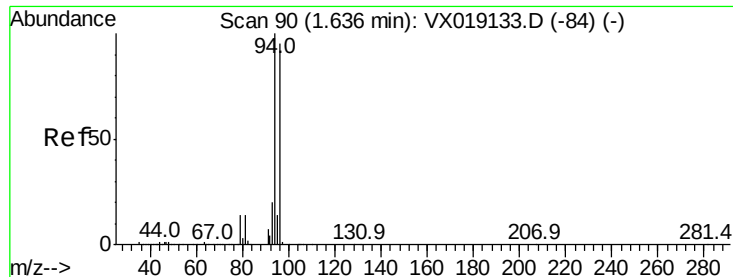
Tgt Ion: 62 Resp: 56177

Ion Ratio Lower Upper

62 100

64 32.0 25.4 38.0





#5

Bromomethane

Concen: 21.006 ug/l

RT: 1.64 min Scan# 90

Delta R.T. -0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

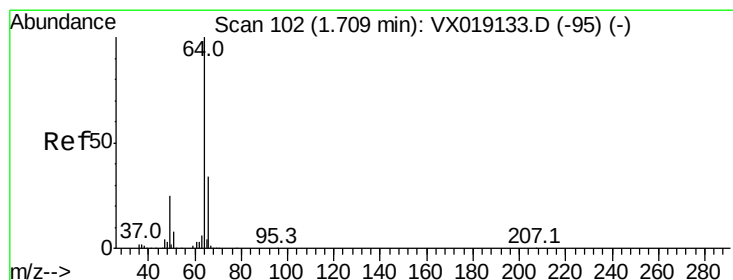
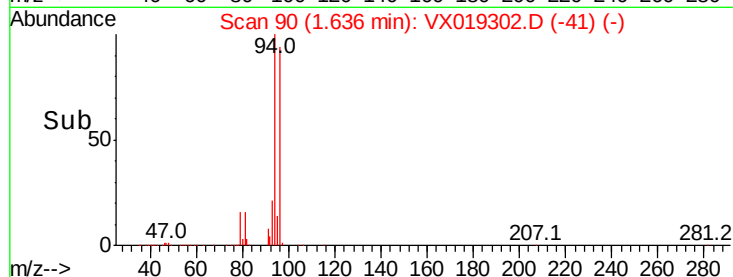
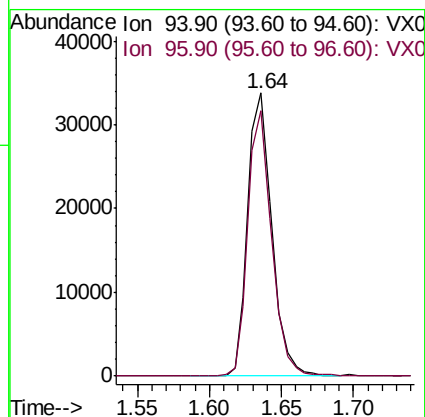
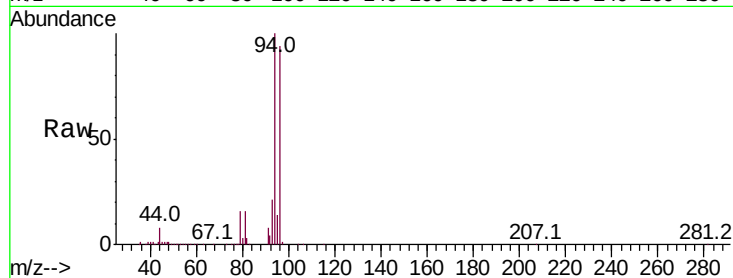
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 39191

Ion Ratio Lower Upper

94 100

96 93.9 76.0 114.0



#6

Chloroethane

Concen: 21.260 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX019302.D

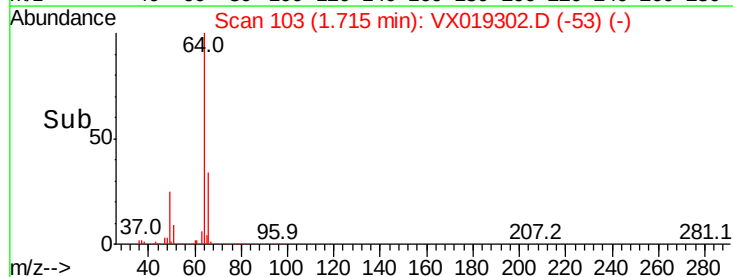
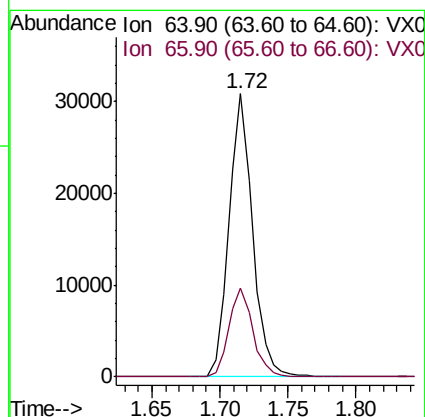
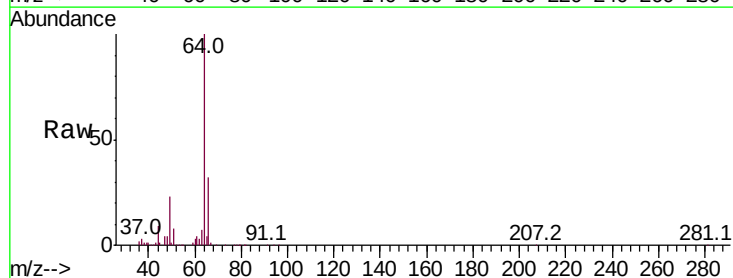
Acq: 05 Nov 2020 10:48

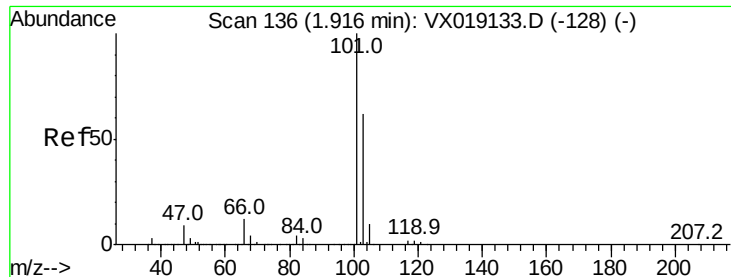
Tgt Ion: 64 Resp: 37083

Ion Ratio Lower Upper

64 100

66 31.6 27.1 40.7



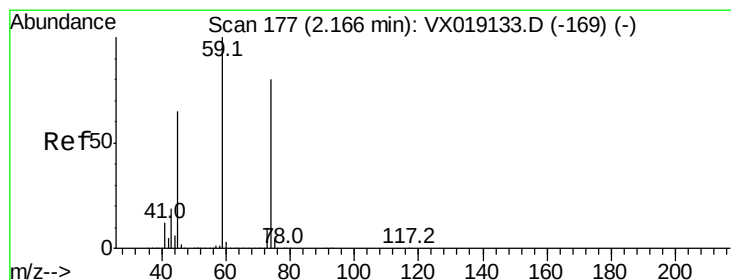
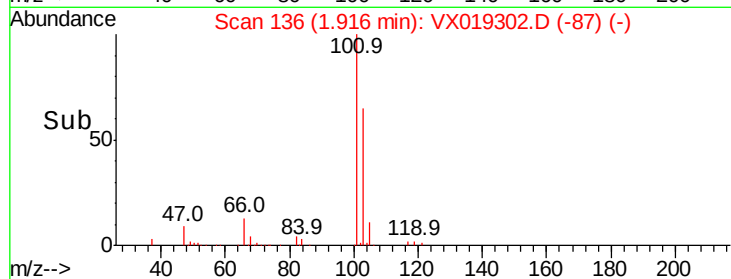
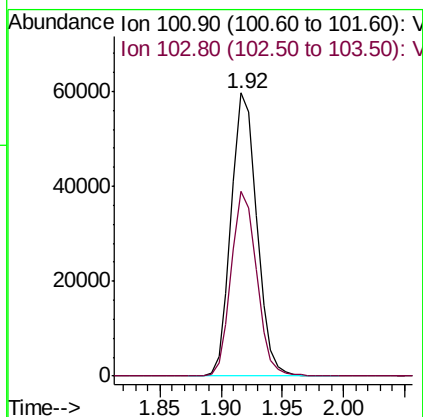
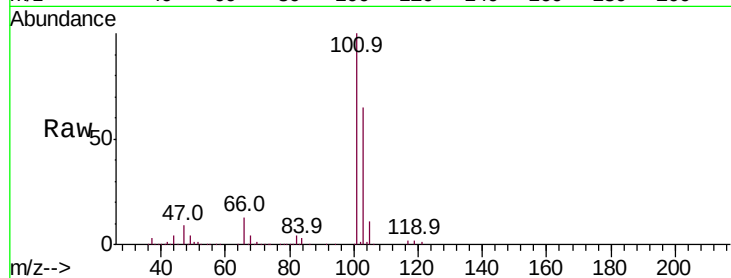


#7

Trichlorofluoromethane
 Concen: 20.181 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX019302.D
 Acq: 05 Nov 2020 10:48

Instrument :
 MSVOA_X
 ClientSampleId :

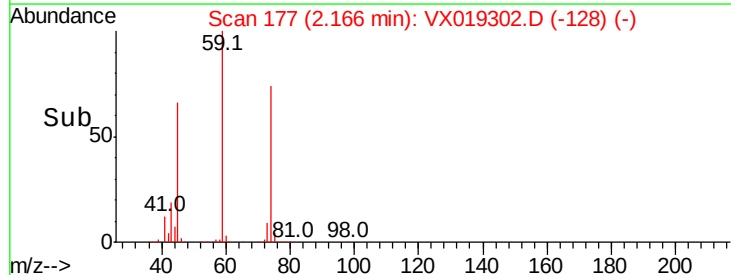
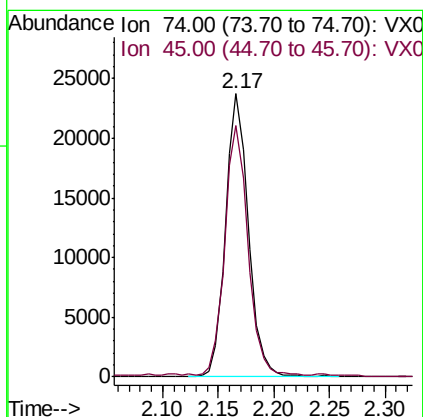
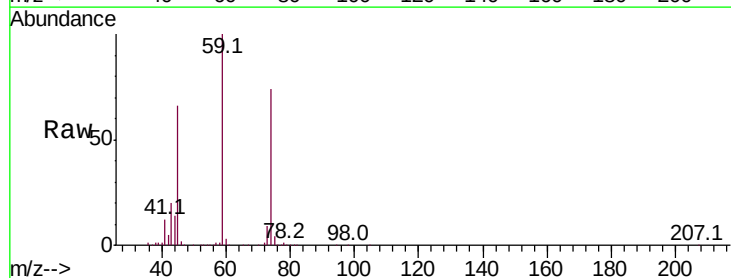
Tot Ion:101 Resp: 86617
 Ion Ratio Lower Upper
 101 100
 103 65.3 50.0 75.0

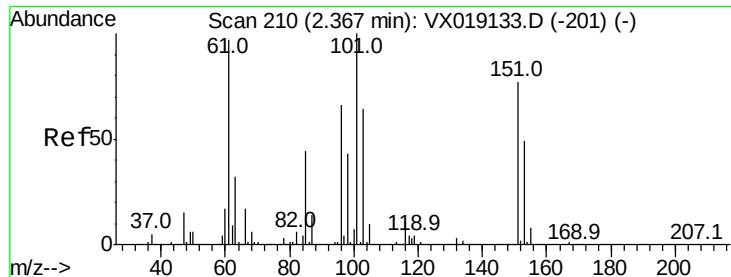


#8

Diethyl Ether
 Concen: 20.473 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX019302.D
 Acq: 05 Nov 2020 10:48

Tgt Ion: 74 Resp: 33723
 Ion Ratio Lower Upper
 74 100
 45 88.7 41.0 123.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.488 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Instrument :

MSVOA_X

ClientSampleId :

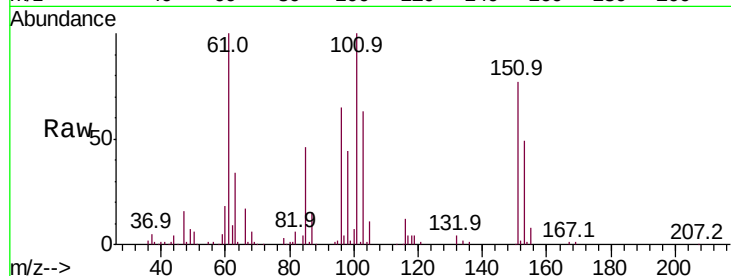
Tot Ion:101 Resp: 48740

Ion Ratio Lower Upper

101 100

85 44.8 35.0 52.4

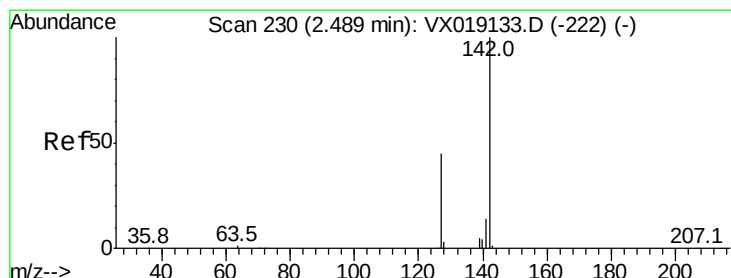
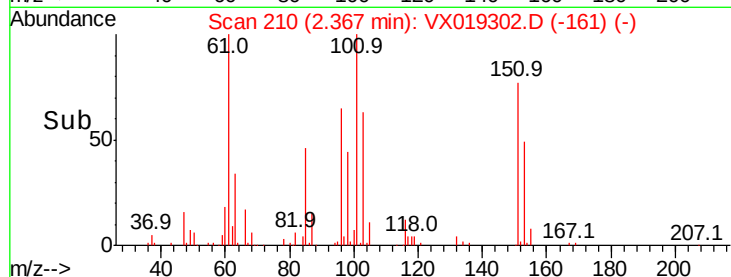
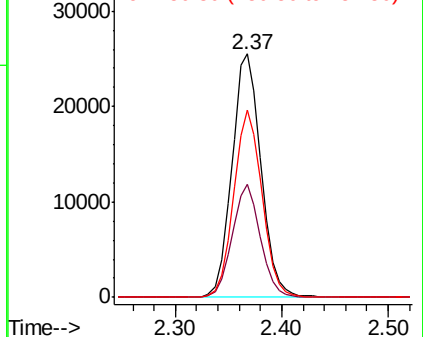
151 75.0 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.246 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

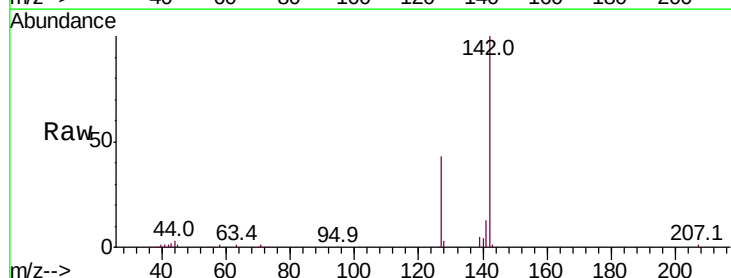
Tgt Ion:142 Resp: 41416

Ion Ratio Lower Upper

142 100

127 44.9 36.1 54.1

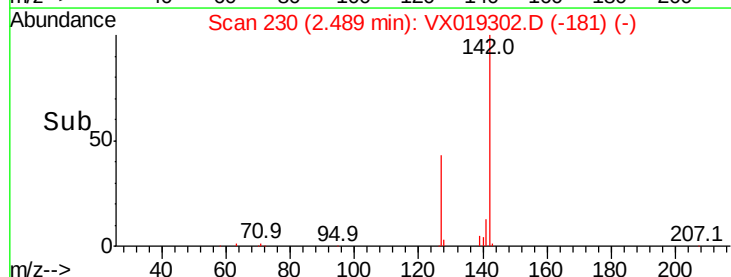
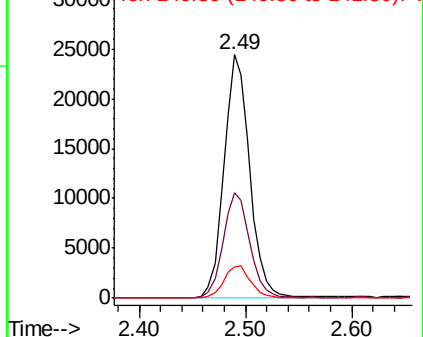
141 13.6 11.3 16.9

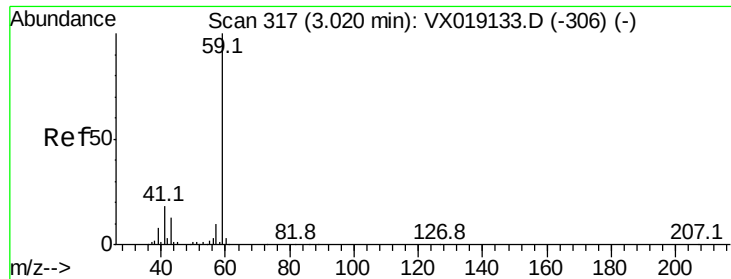


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

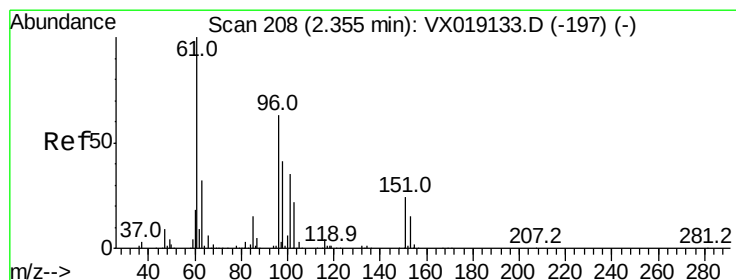
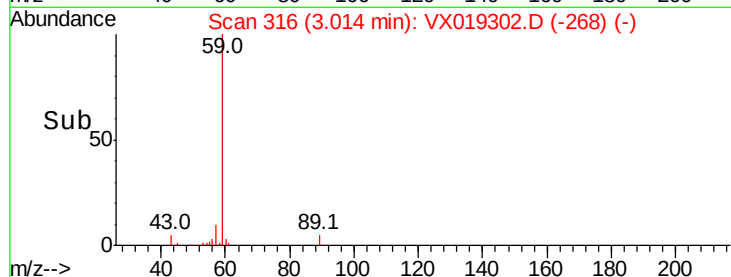
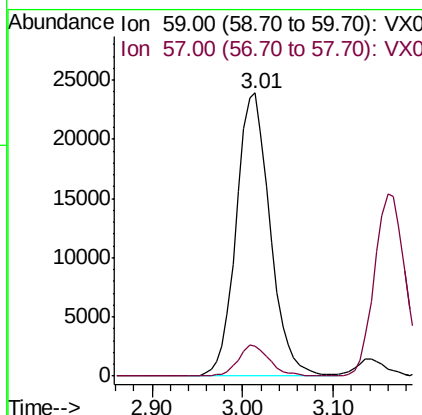
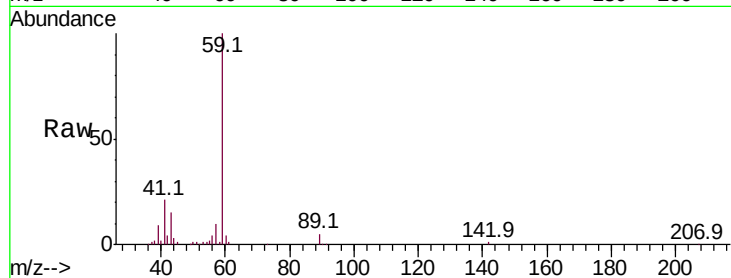




#11
Tert butyl alcohol
Concen: 96.417 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

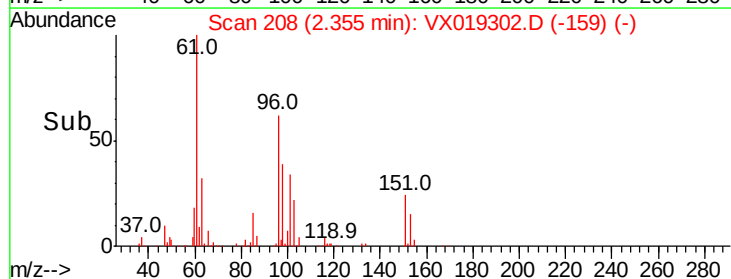
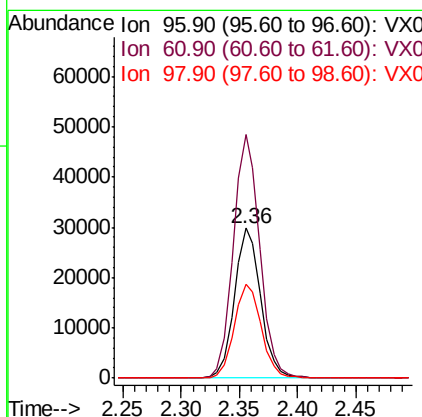
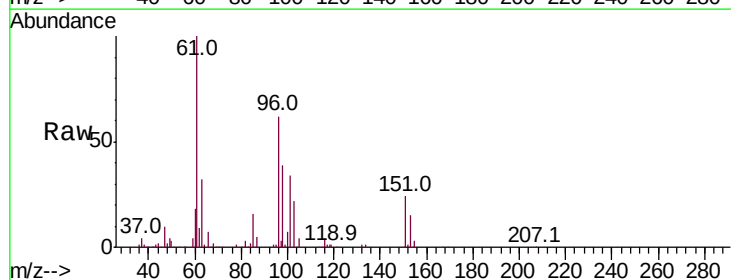
Instrument :
MSVOA_X
ClientSampled :

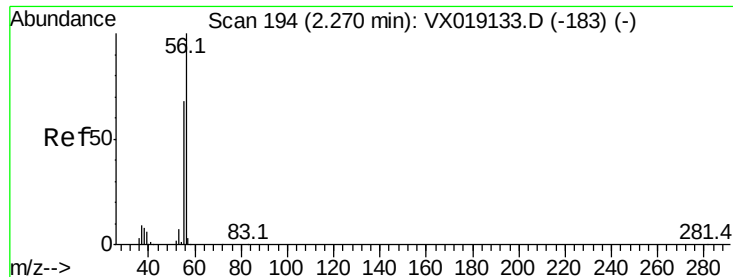
Tot Ion: 59 Resp: 62117
Ion Ratio Lower Upper
59 100
57 10.0 8.4 12.6



#12
1,1-Dichloroethene
Concen: 19.025 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Tgt Ion: 96 Resp: 46638
Ion Ratio Lower Upper
96 100
61 162.4 127.7 191.5
98 62.9 52.1 78.1





#13

Acrolein

Concen: 76.396 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Instrument :

MSVOA_X

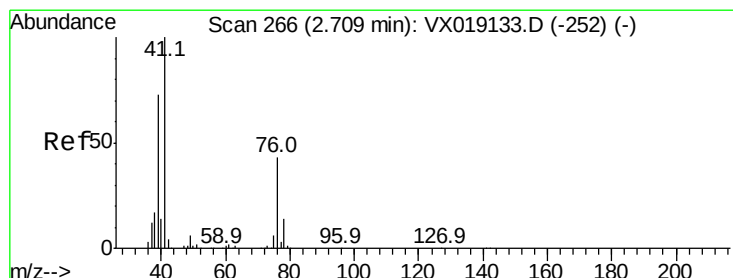
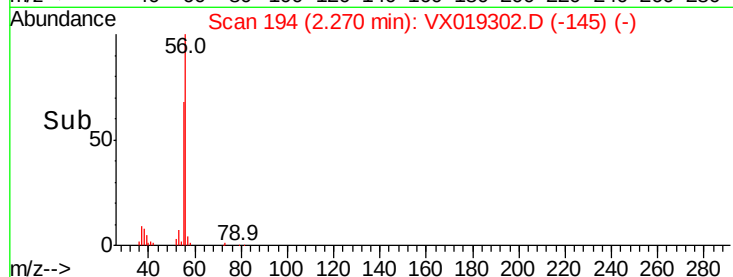
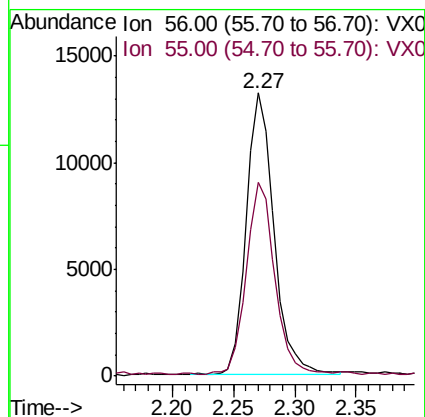
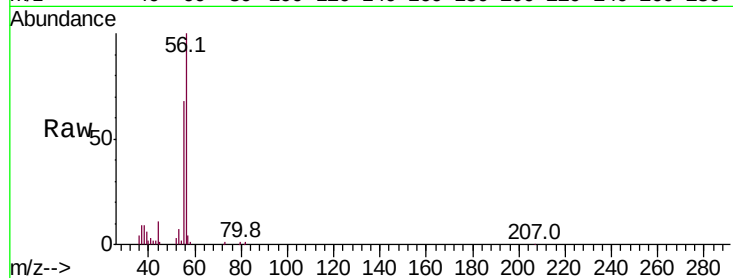
ClientSampled :

Tot Ion: 56 Resp: 20850

Ion Ratio Lower Upper

56 100

55 69.1 54.7 82.1



#14

Allyl chloride

Concen: 20.240 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

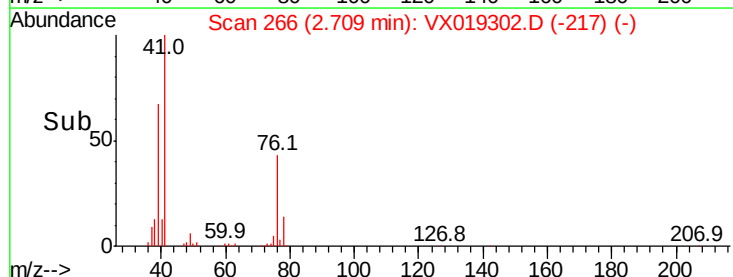
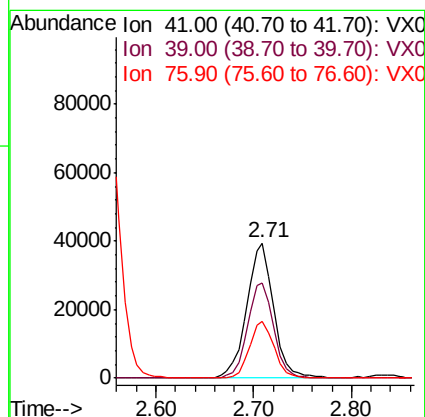
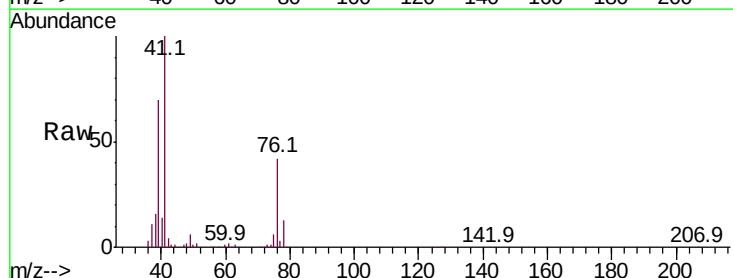
Tgt Ion: 41 Resp: 75151

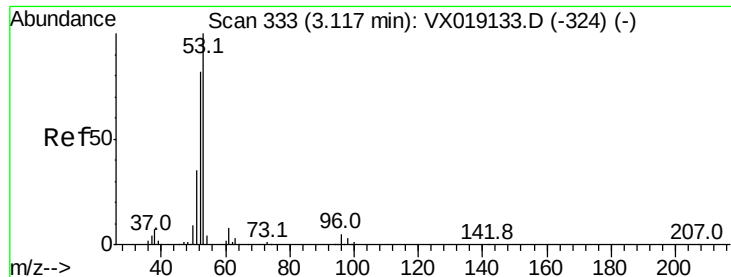
Ion Ratio Lower Upper

41 100

39 68.4 55.2 82.8

76 38.5 31.5 47.3





#15

Acrylonitrile

Concen: 100.839 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

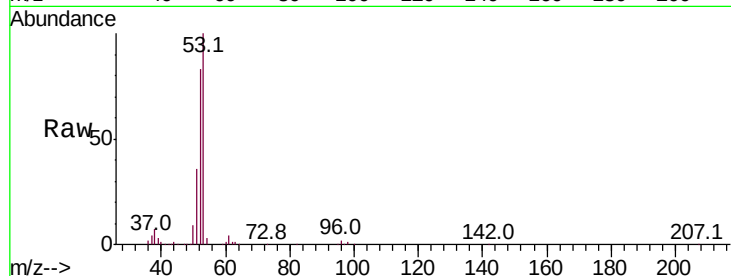
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 53 Resp: 136517

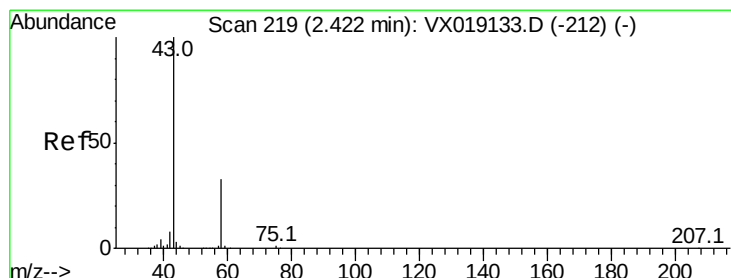
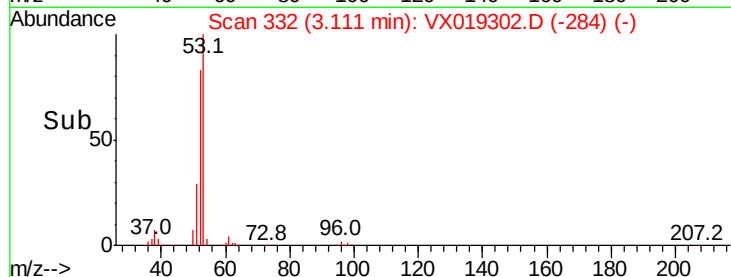
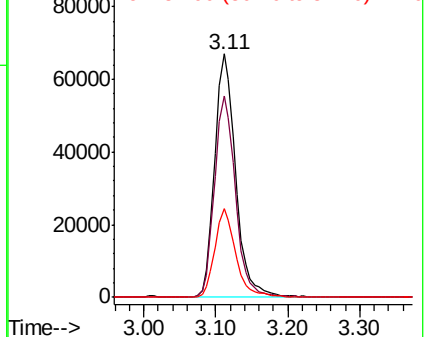
Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.7	98.5
51	36.3	28.4	42.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 107.112 ug/l

RT: 2.42 min Scan# 218

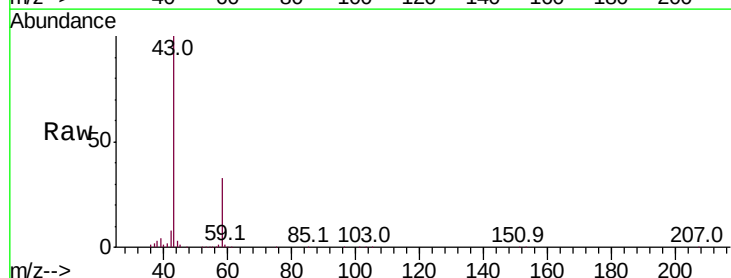
Delta R.T. -0.01 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

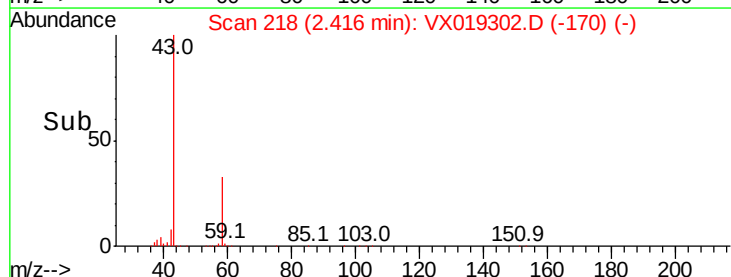
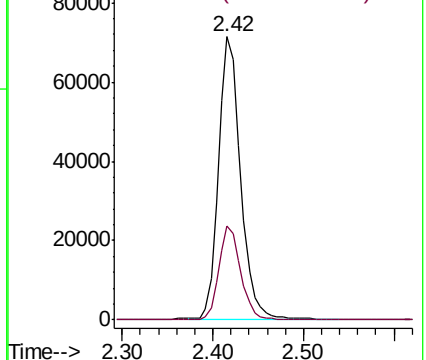
Tgt Ion: 43 Resp: 120530

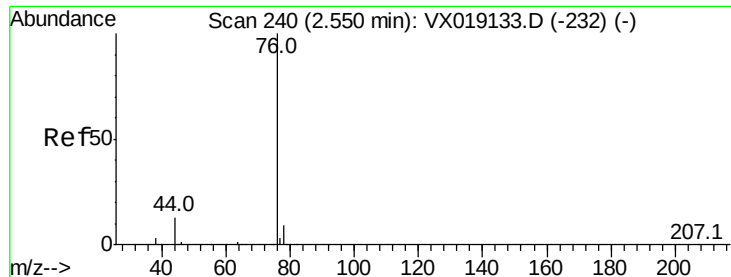
Ion	Ratio	Lower	Upper
43	100		
58	33.3	26.3	39.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.776 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Instrument :

MSVOA_X

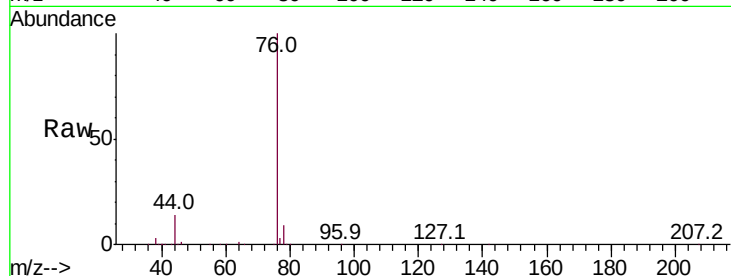
ClientSampled :

Tot Ion: 76 Resp: 127834

Ion Ratio Lower Upper

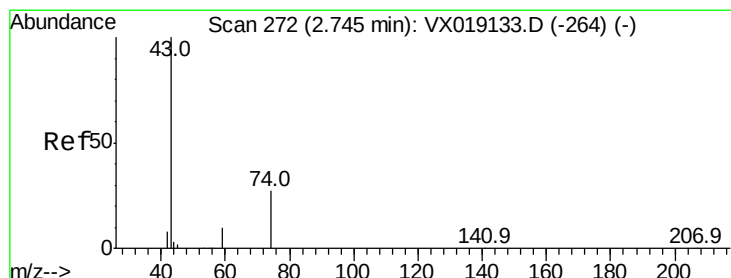
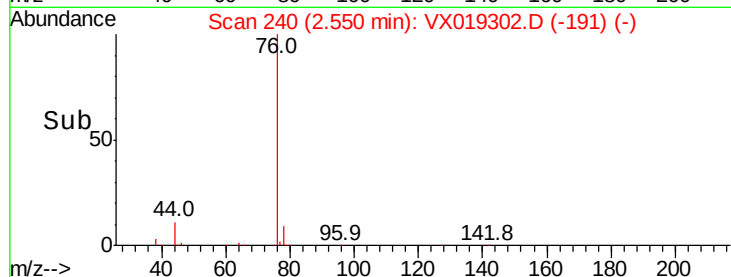
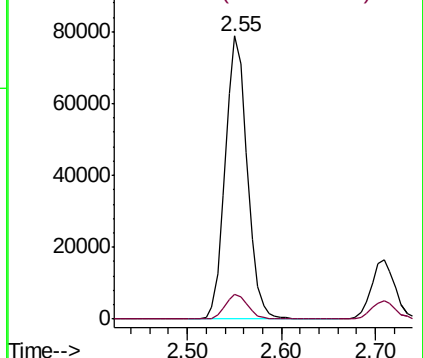
76 100

78 8.9 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 21.060 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX019302.D

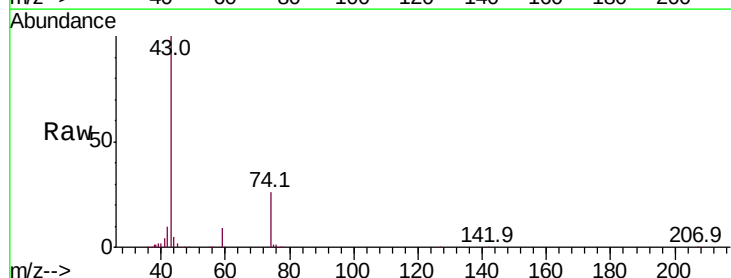
Acq: 05 Nov 2020 10:48

Tgt Ion: 43 Resp: 57627

Ion Ratio Lower Upper

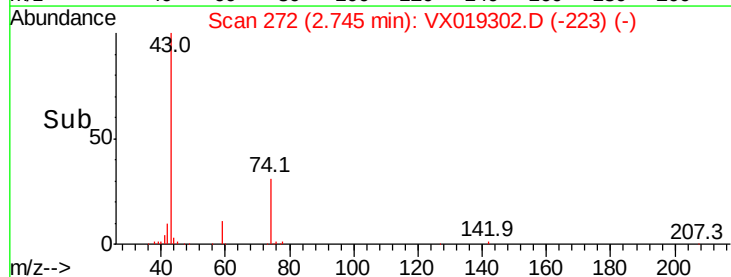
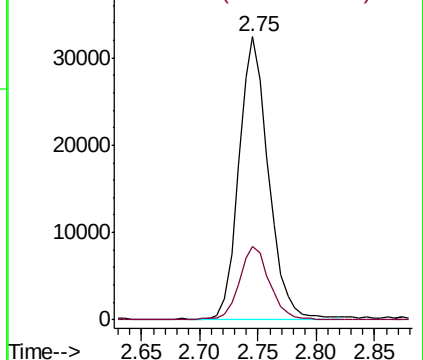
43 100

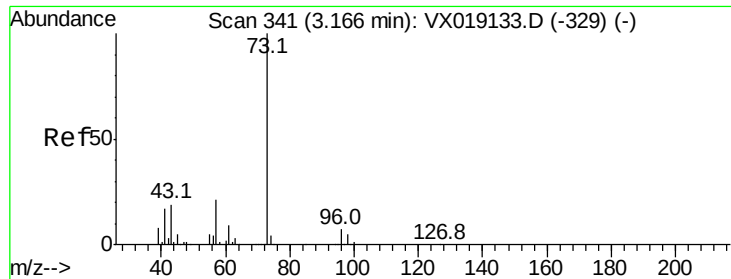
74 26.7 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 20.006 ug/l

RT: 3.16 min Scan# 340

Delta R.T. -0.01 min

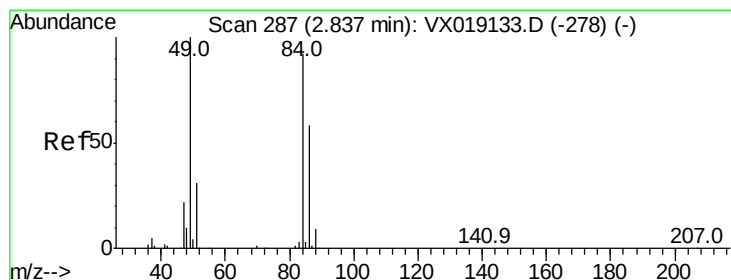
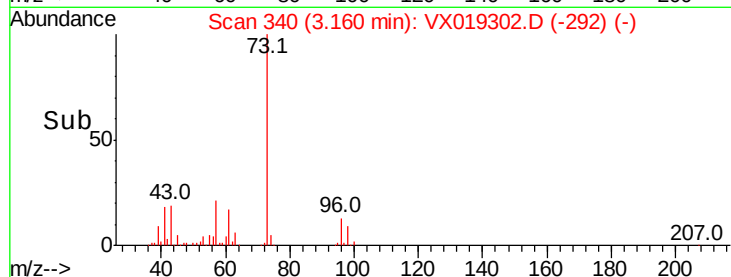
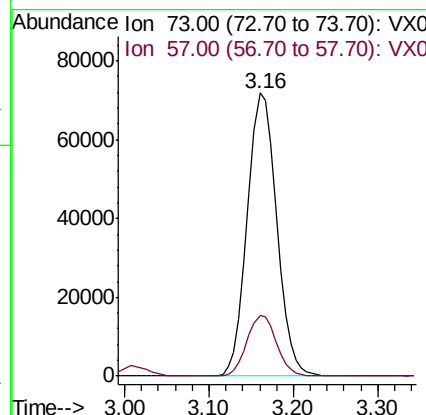
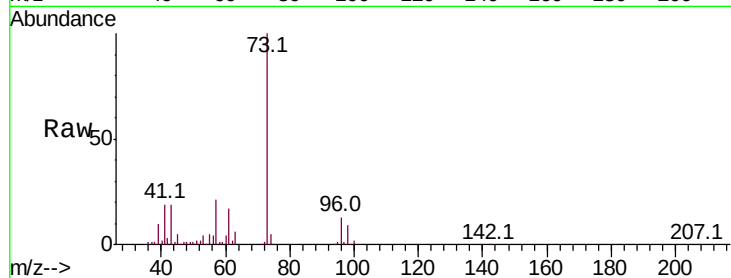
Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 73 Resp: 169924

Ion	Ratio	Lower	Upper
73	100		
57	21.5	16.6	25.0



#20

Methylene Chloride

Concen: 19.771 ug/l

RT: 2.83 min Scan# 286

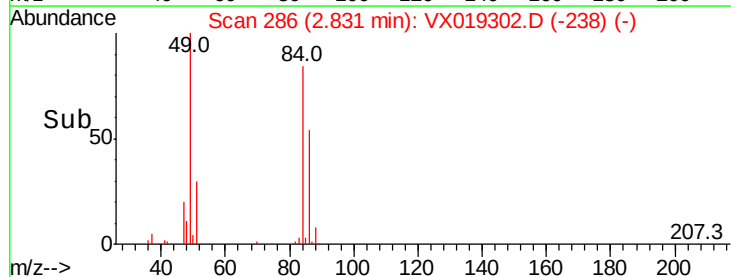
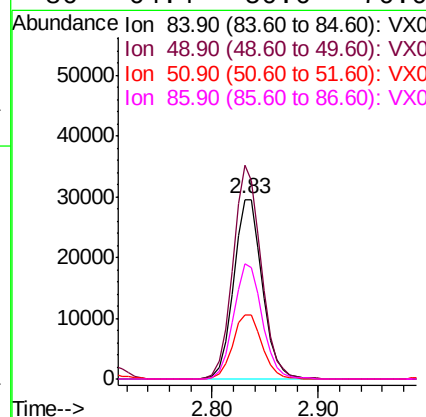
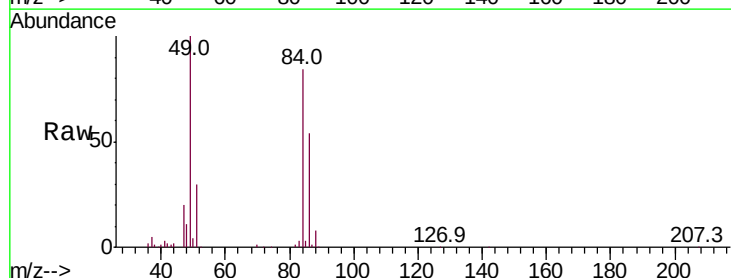
Delta R.T. -0.01 min

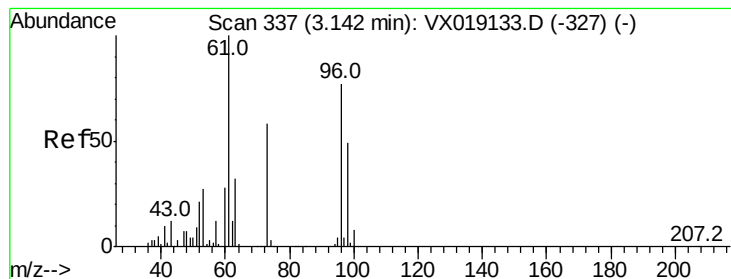
Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Tgt Ion: 84 Resp: 55854

Ion	Ratio	Lower	Upper
84	100		
49	118.8	86.8	130.2
51	35.6	27.3	40.9
86	64.4	50.6	76.0





#21

trans-1,2-Dichloroethene

Concen: 19.137 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Instrument :

MSVOA_X

ClientSampleId :

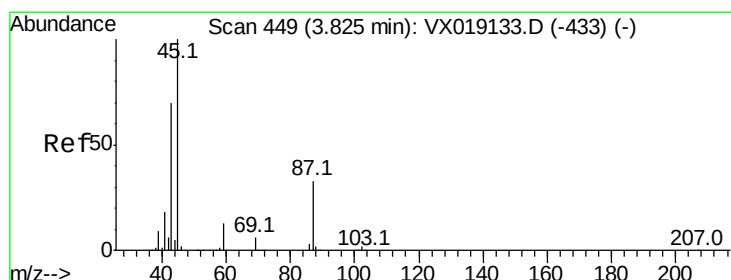
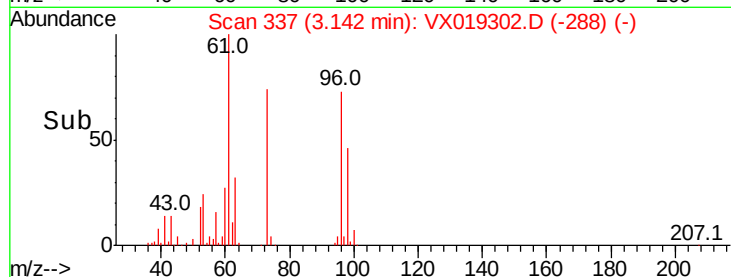
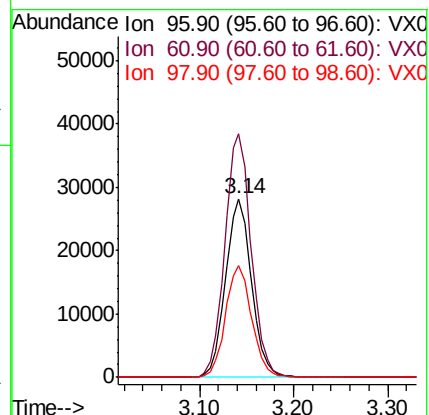
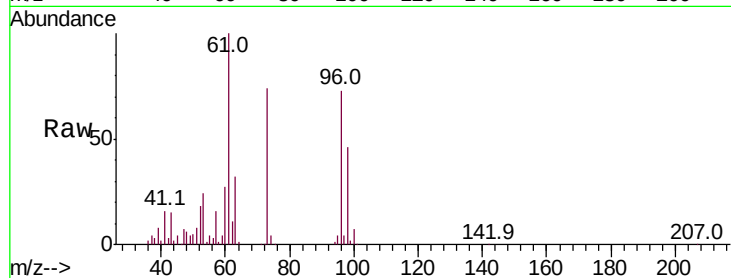
Tot Ion: 96 Resp: 53991

Ion Ratio Lower Upper

96 100

61 136.4 104.2 156.4

98 62.6 51.3 76.9



#22

Diisopropyl ether

Concen: 21.310 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Tgt Ion: 45 Resp: 157747

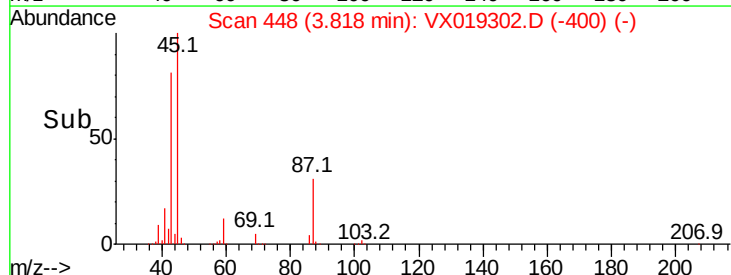
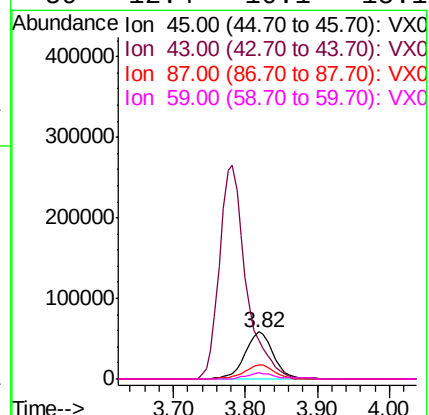
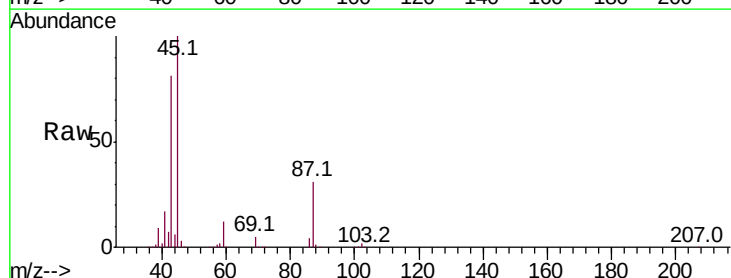
Ion Ratio Lower Upper

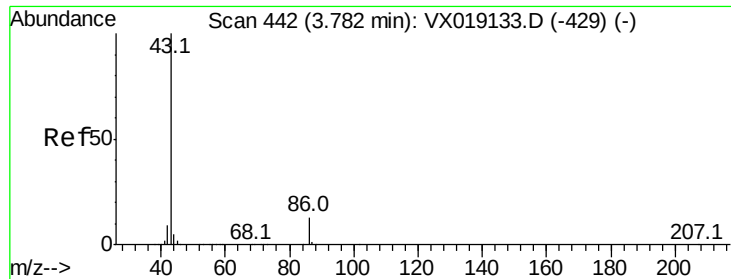
45 100

43 80.5 56.2 84.4

87 30.6 26.2 39.2

59 12.4 10.1 15.1





#23

Vinyl Acetate

Concen: 103.460 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

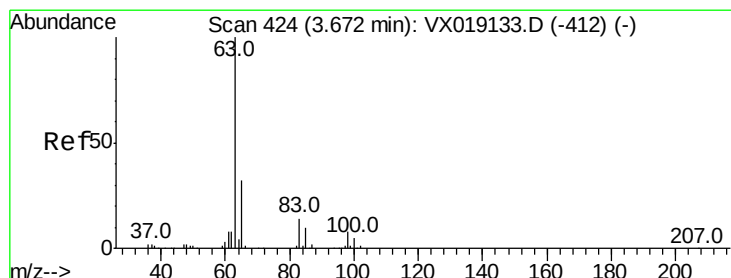
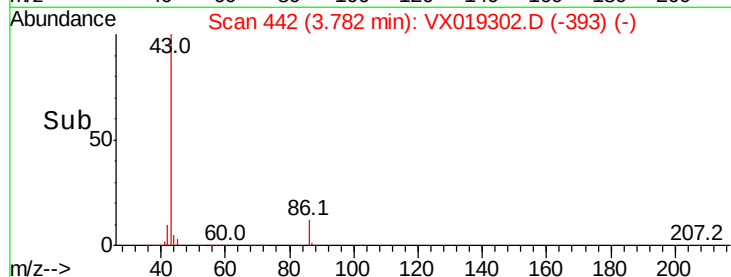
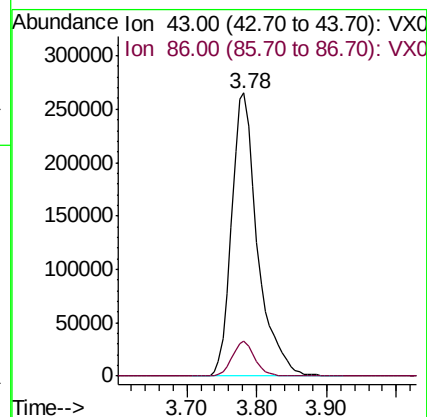
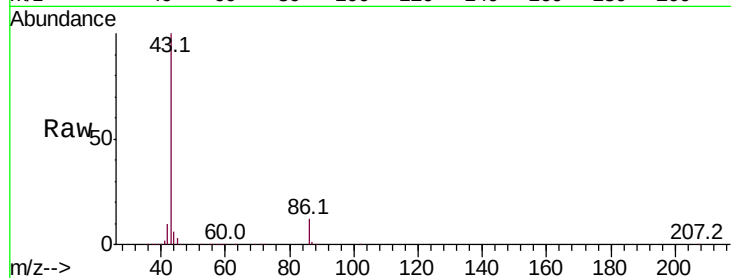
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 682952

Ion Ratio Lower Upper

43 100

86 12.4 10.4 15.6



#24

1,1-Dichloroethane

Concen: 20.859 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

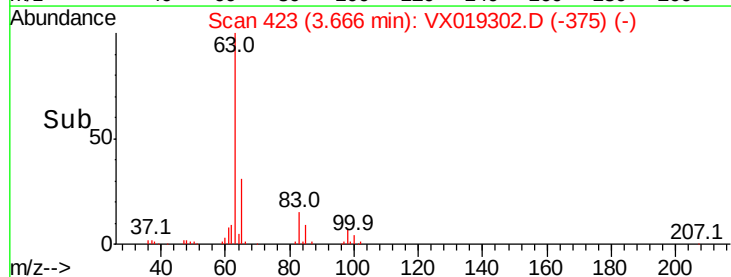
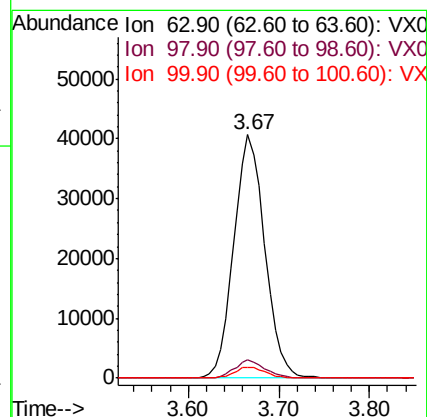
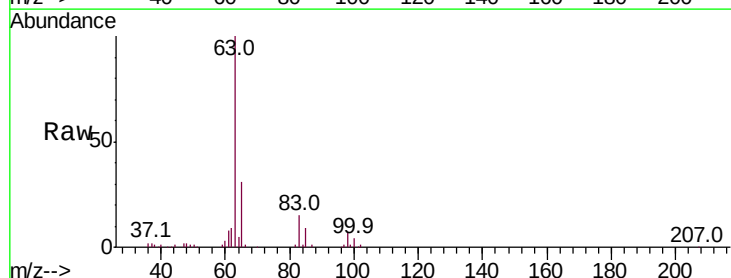
Tgt Ion: 63 Resp: 96405

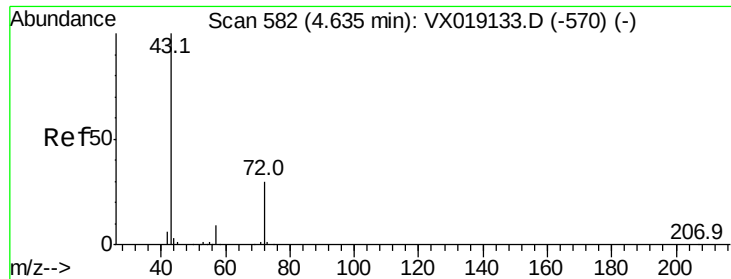
Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.4

100 4.4 2.4 7.2





#25

2-Butanone

Concen: 103.009 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Instrument :

MSVOA_X

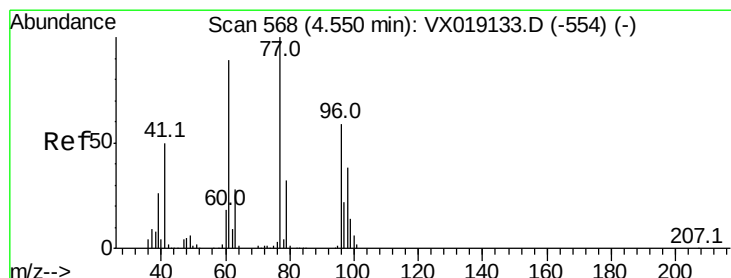
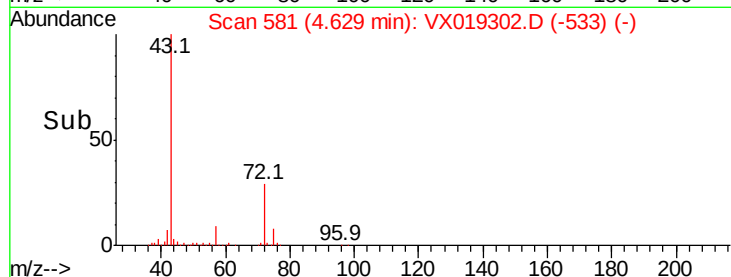
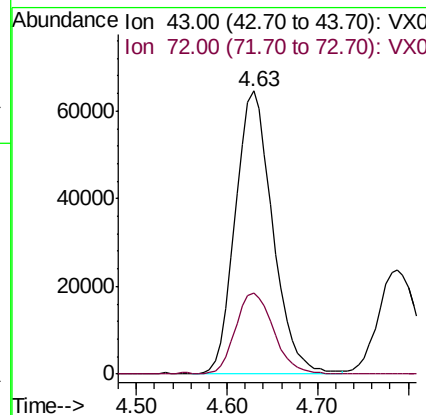
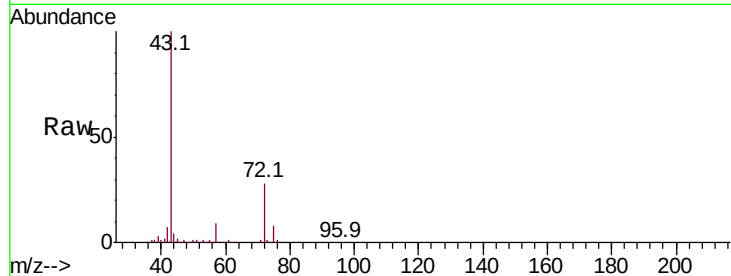
ClientSampleId :

Tot Ion: 43 Resp: 182679

Ion Ratio Lower Upper

43 100

72 28.4 24.6 36.8



#26

2,2-Dichloropropane

Concen: 19.955 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX019302.D

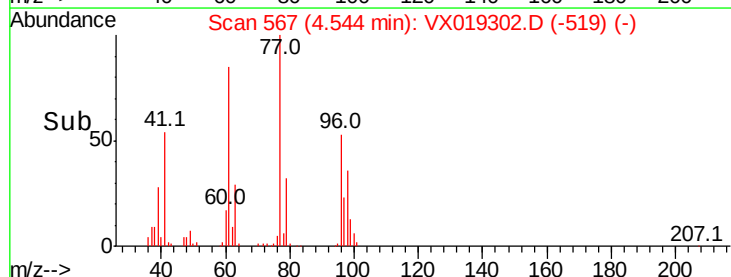
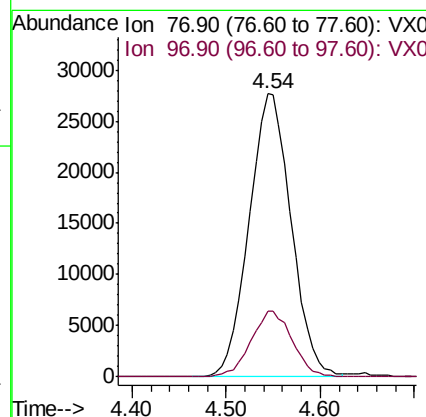
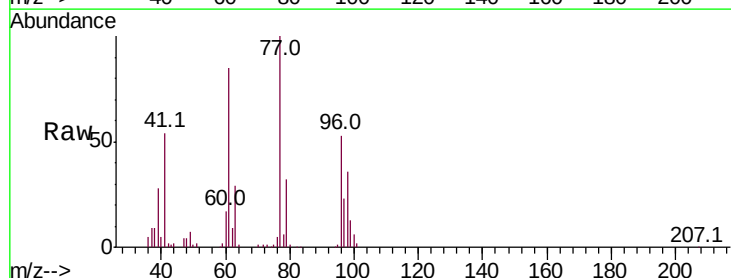
Acq: 05 Nov 2020 10:48

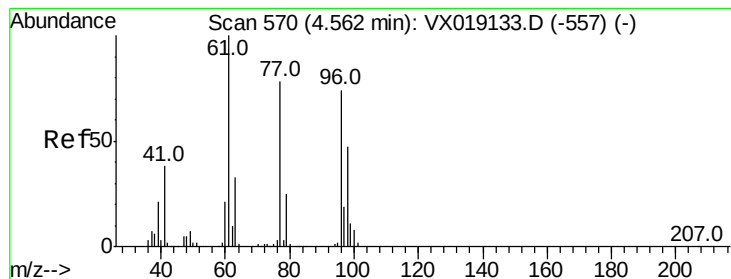
Tgt Ion: 77 Resp: 86702

Ion Ratio Lower Upper

77 100

97 22.8 11.4 34.1



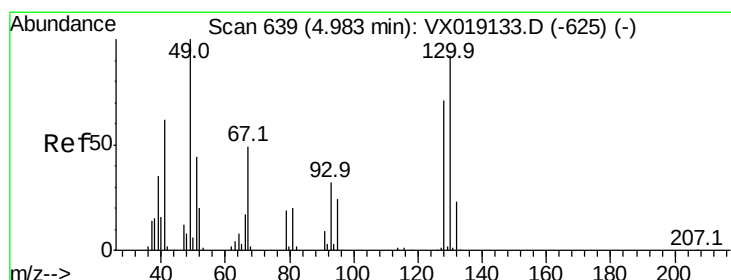
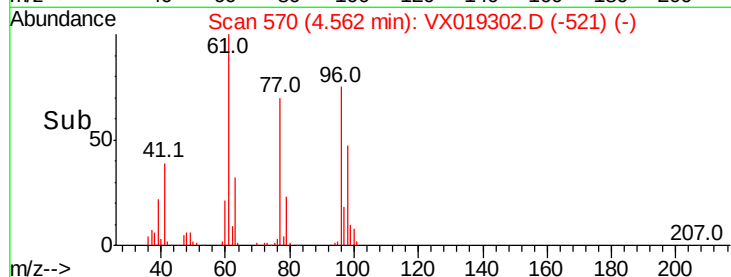
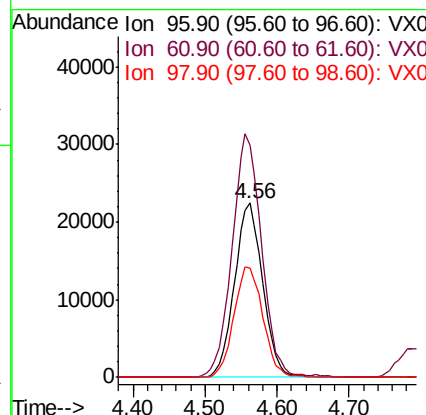
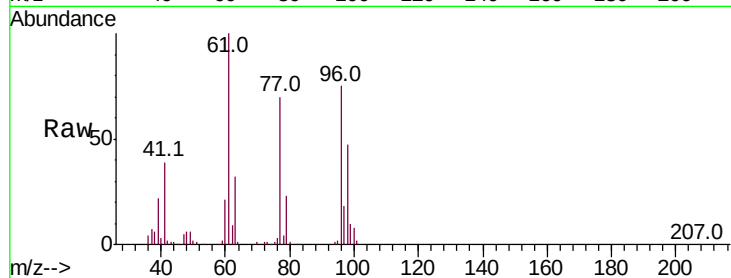


#27

cis-1,2-Dichloroethene
Concen: 19.455 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Instrument :
MSVOA_X
ClientSampled :

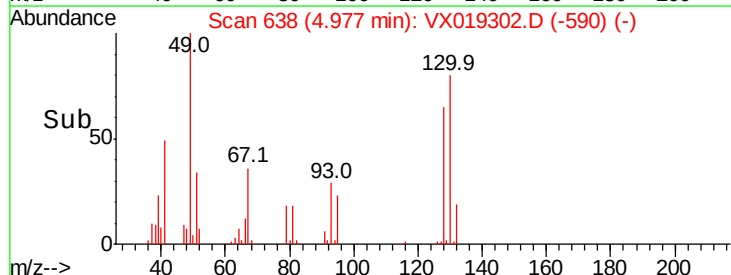
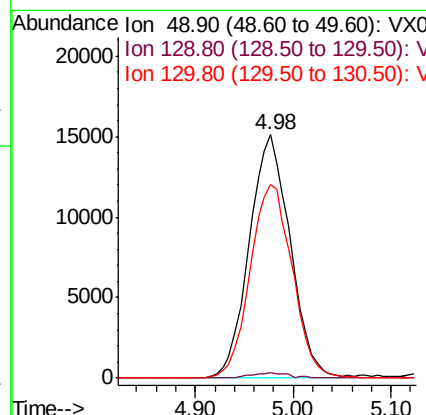
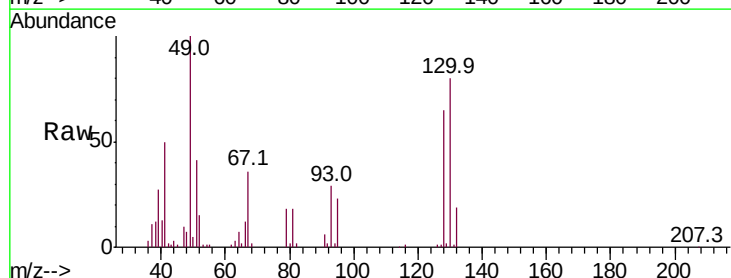
Tot Ion	Ratio	Lower	Upper
96	100		
61	145.0	0.0	278.8
98	65.2	0.0	130.2

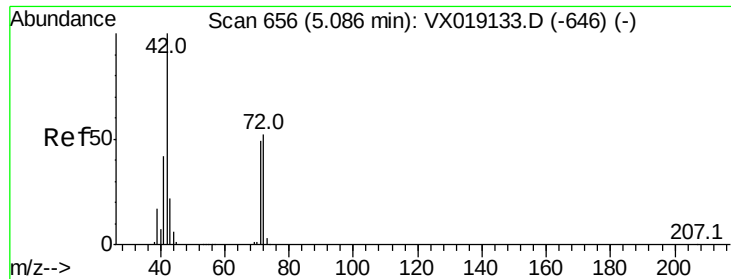


#28

Bromochloromethane
Concen: 20.872 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.4
130	81.8	71.3	106.9

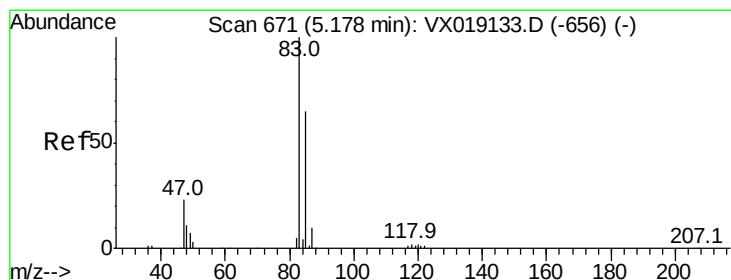
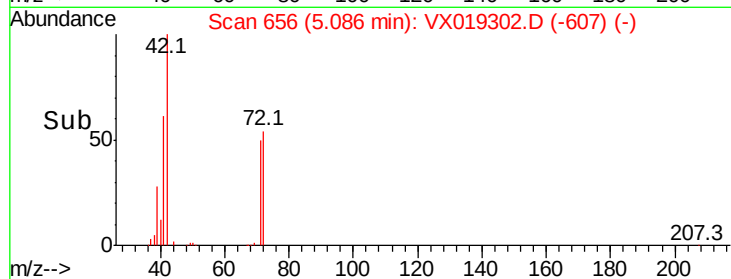
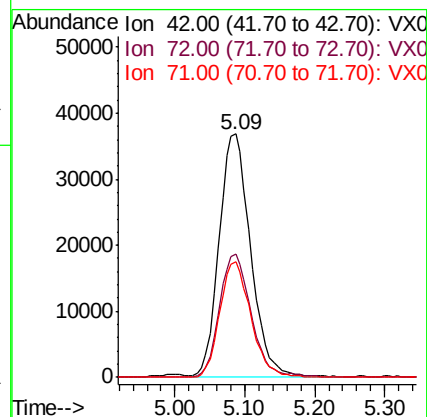
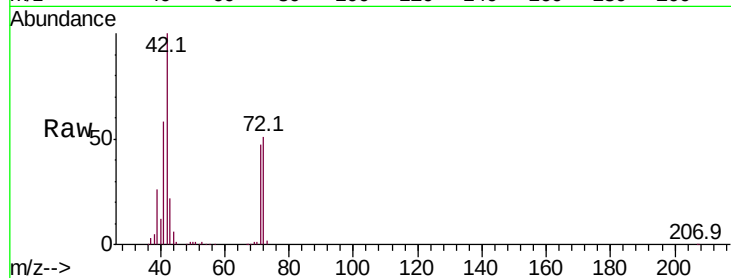




#29
Tetrahydrofuran
Concen: 102.293 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

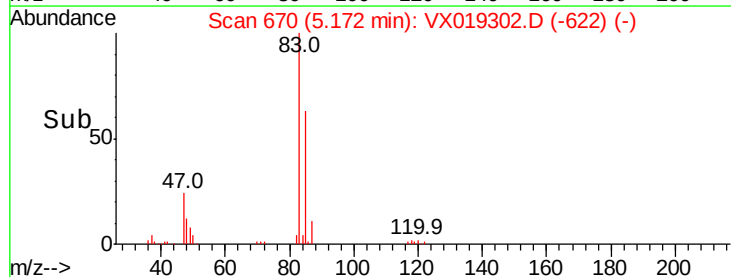
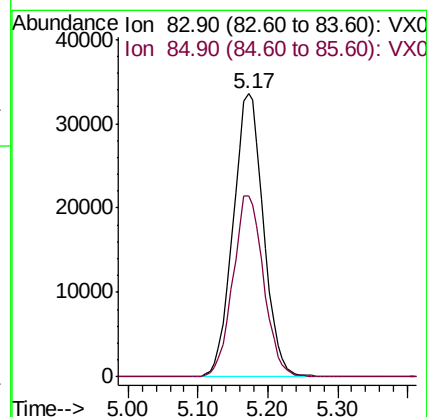
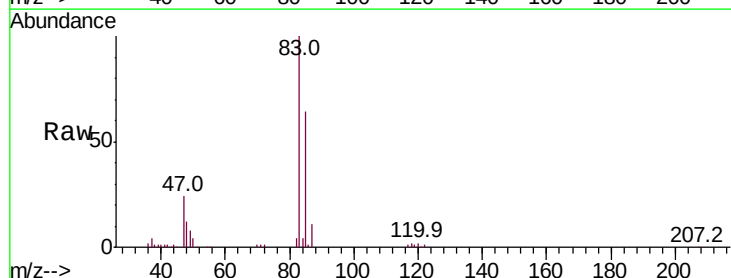
Instrument :
MSVOA_X
ClientSampleId :

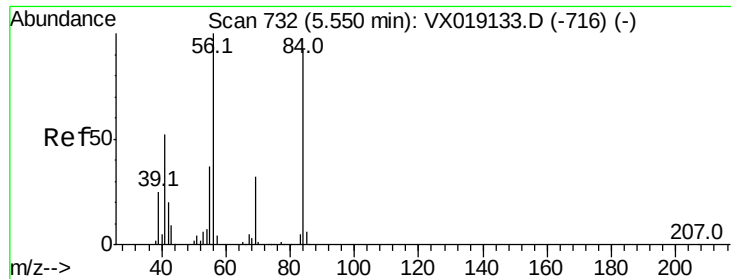
Tot Ion: 42 Resp: 114323
Ion Ratio Lower Upper
42 100
72 51.5 42.6 63.8
71 47.3 39.7 59.5



#30
Chloroform
Concen: 20.526 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Tgt Ion: 83 Resp: 100975
Ion Ratio Lower Upper
83 100
85 63.9 51.9 77.9

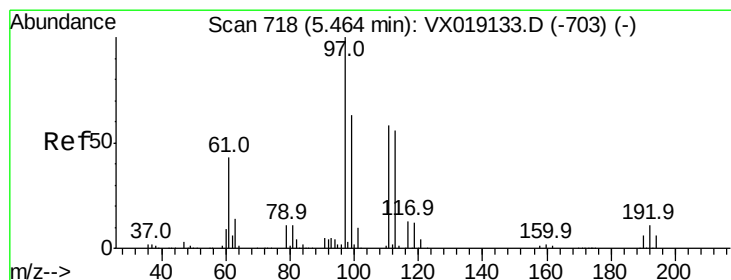
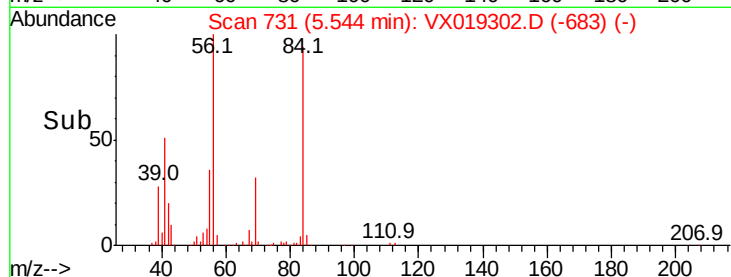
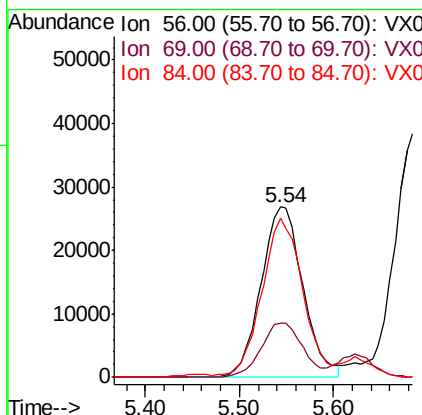
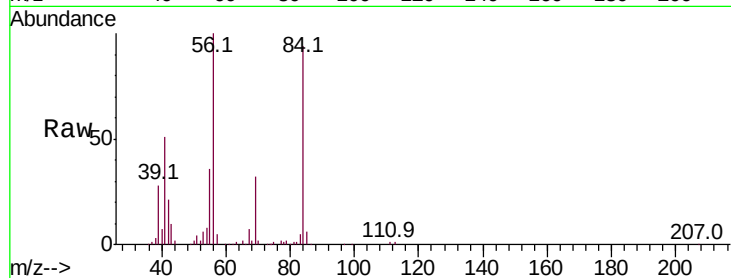




#31
Cyclohexane
Concen: 20.262 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

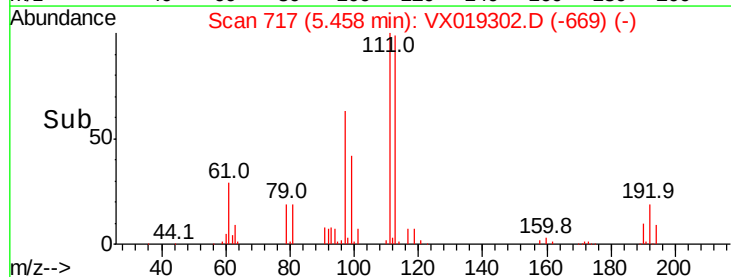
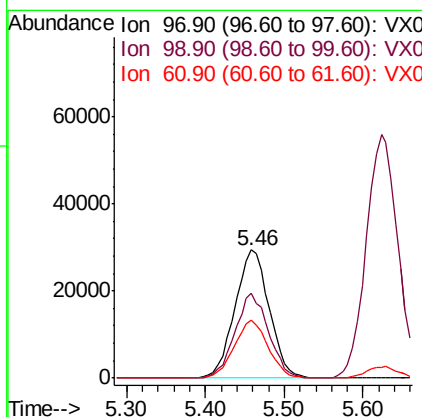
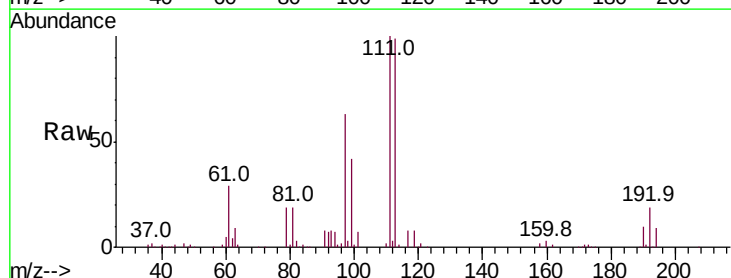
Instrument :
MSVOA_X
ClientSampled :

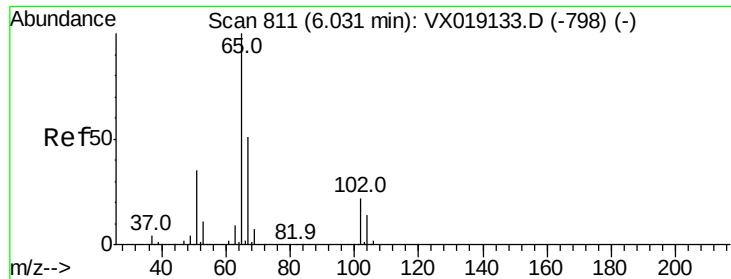
Tot Ion: 56 Resp: 83542
Ion Ratio Lower Upper
56 100
69 31.8 25.9 38.9
84 92.1 73.4 110.2



#32
1,1,1-Trichloroethane
Concen: 19.859 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Tgt Ion: 97 Resp: 88576
Ion Ratio Lower Upper
97 100
99 65.1 51.7 77.5
61 45.0 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 50.802 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

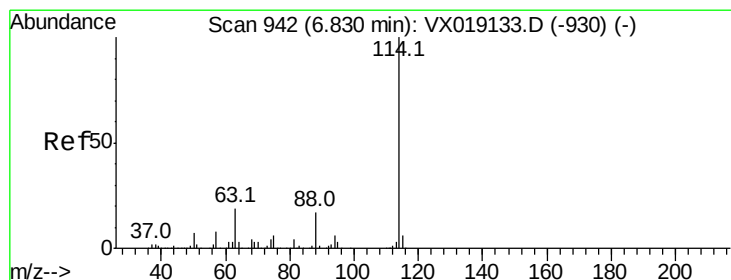
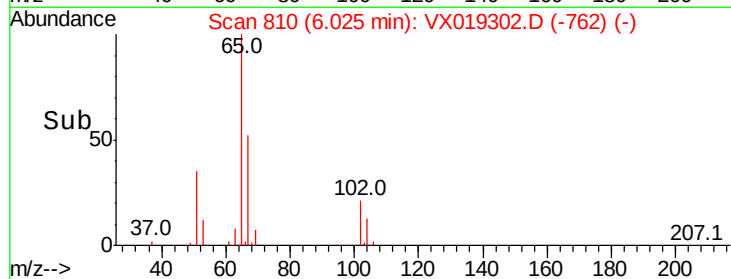
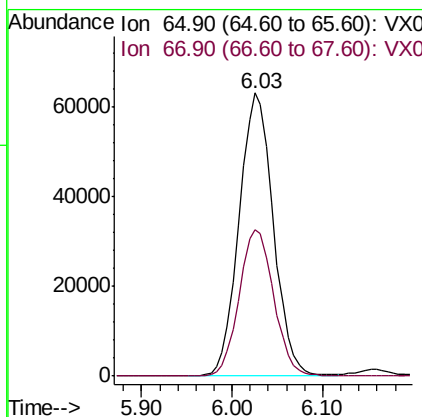
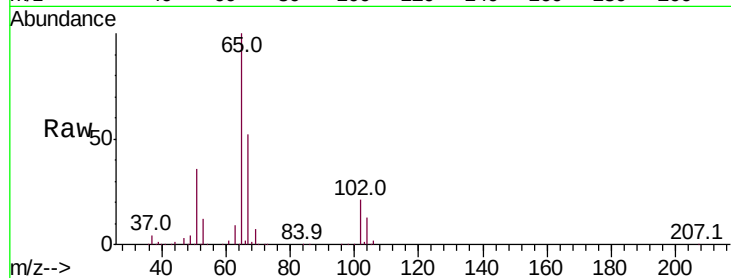
Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 65 Resp: 165708

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

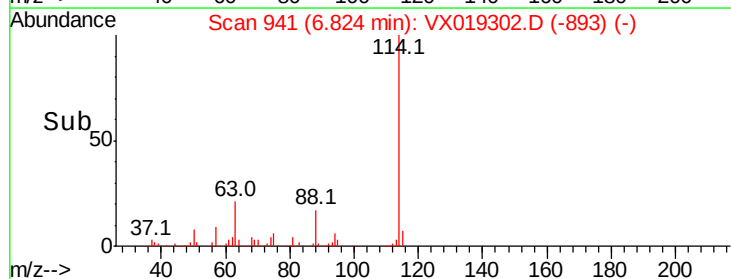
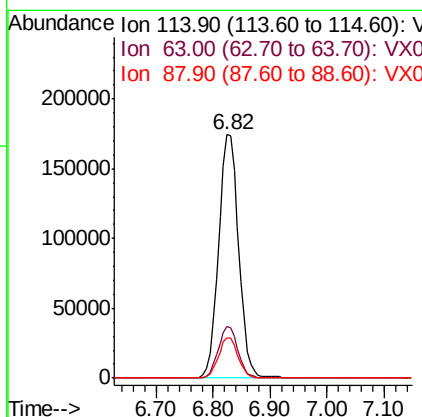
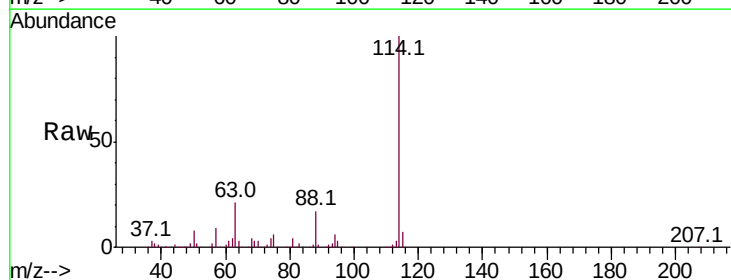
Delta R.T. -0.01 min

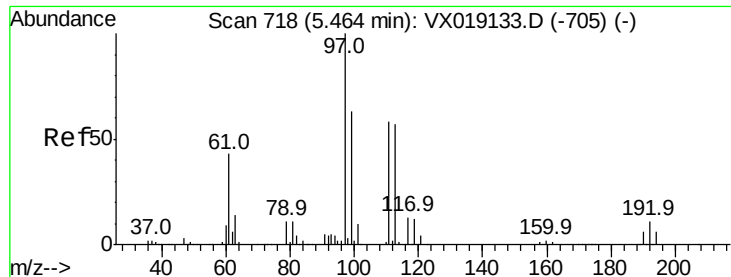
Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Tgt Ion: 114 Resp: 425627

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	38.8
88	16.6	0.0	34.2





#35

Dibromofluoromethane

Concen: 48.642 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Instrument :

MSVOA_X

ClientSampleId :

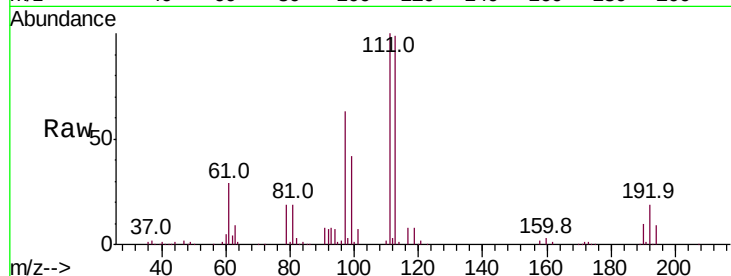
Tot Ion:113 Resp: 130044

Ion Ratio Lower Upper

113 100

111 102.3 82.3 123.5

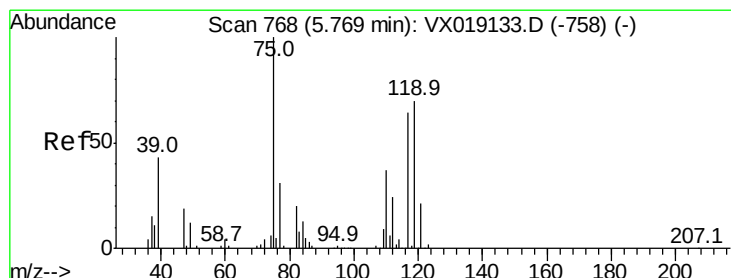
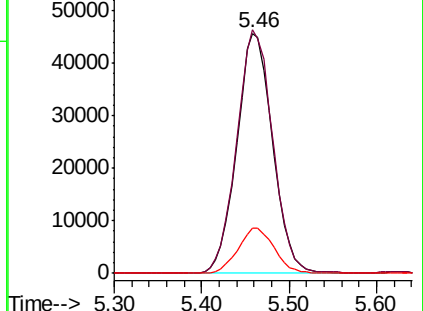
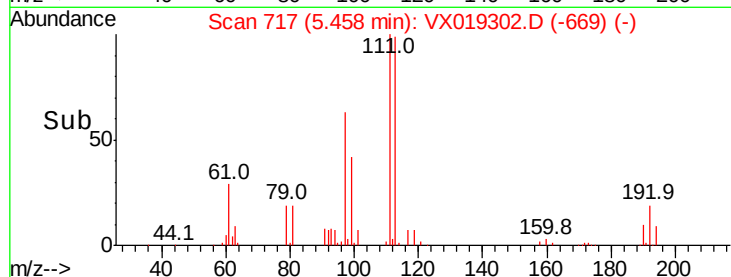
192 19.1 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.414 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

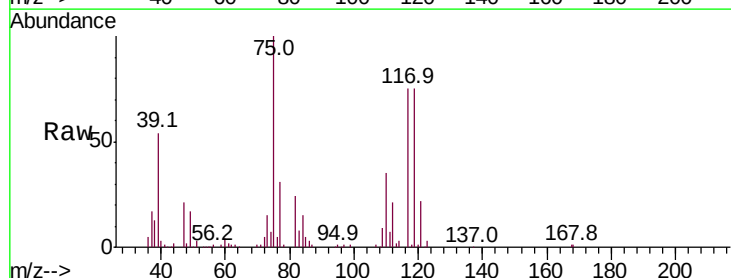
Tgt Ion: 75 Resp: 76302

Ion Ratio Lower Upper

75 100

110 35.0 18.3 54.9

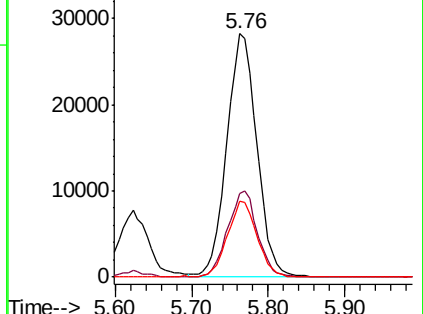
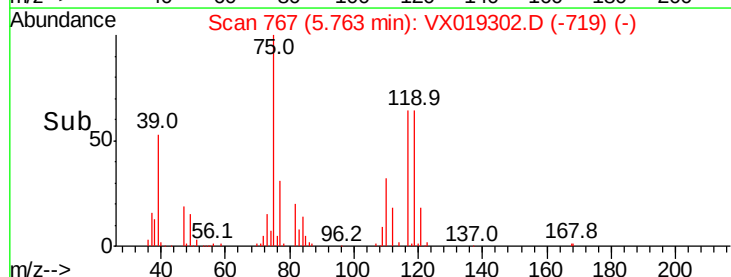
77 30.8 24.9 37.3

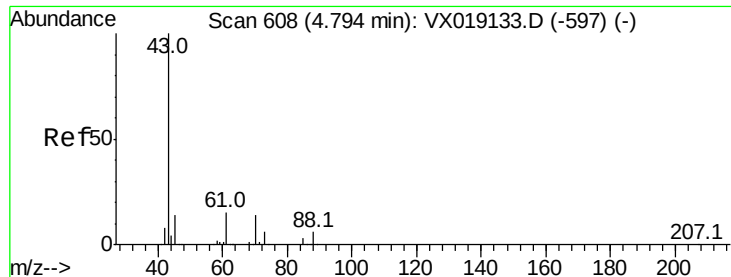


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

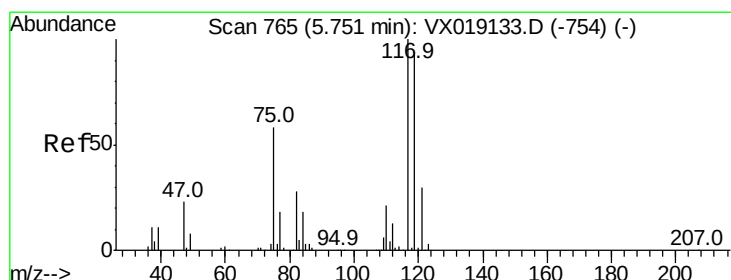
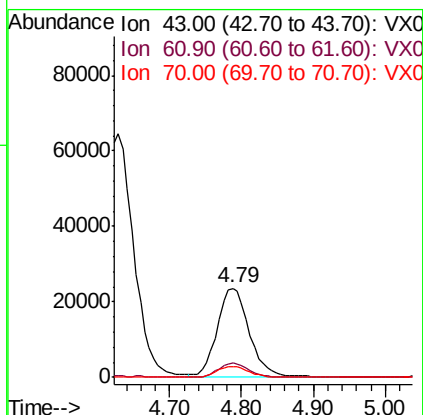
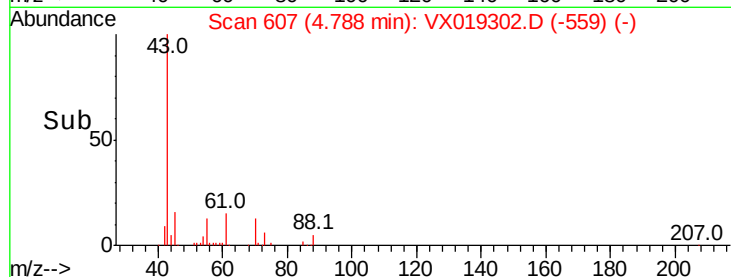
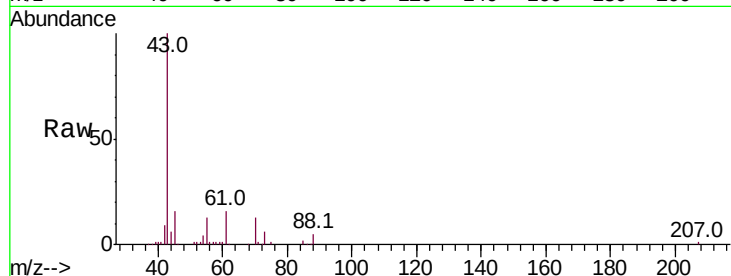




#37
Ethyl Acetate
Concen: 19.836 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

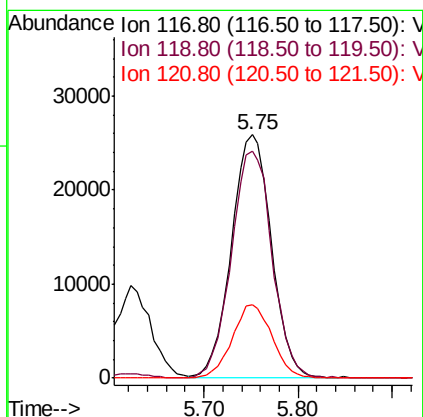
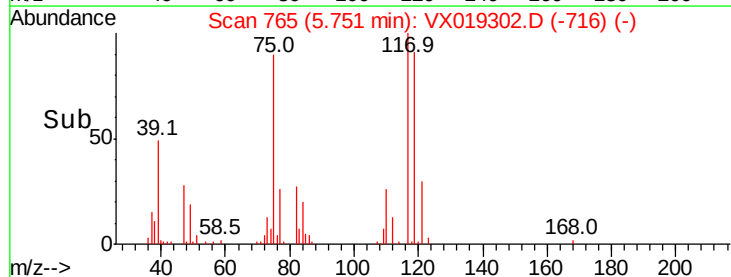
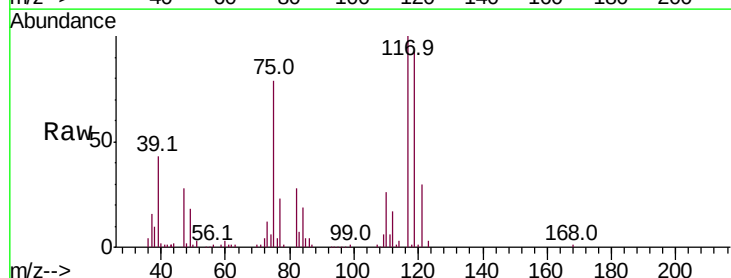
Instrument :
MSVOA_X
ClientSampleId :

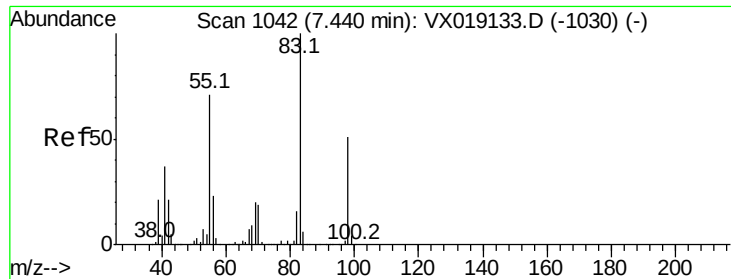
Tot Ion: 43 Resp: 72386
Ion Ratio Lower Upper
43 100
61 15.5 12.5 18.7
70 12.1 10.5 15.7



#38
Carbon Tetrachloride
Concen: 19.107 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Tgt Ion: 117 Resp: 76545
Ion Ratio Lower Upper
117 100
119 93.6 75.0 112.6
121 30.4 23.9 35.9

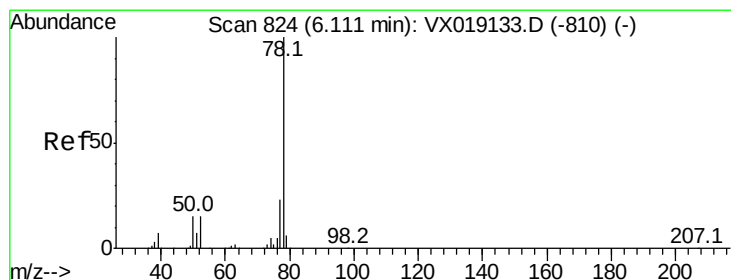
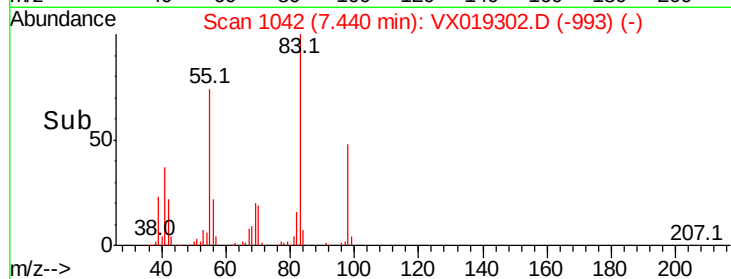
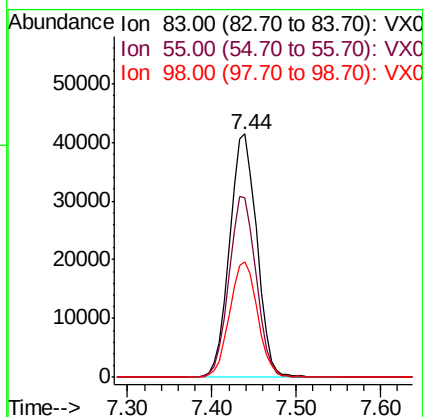
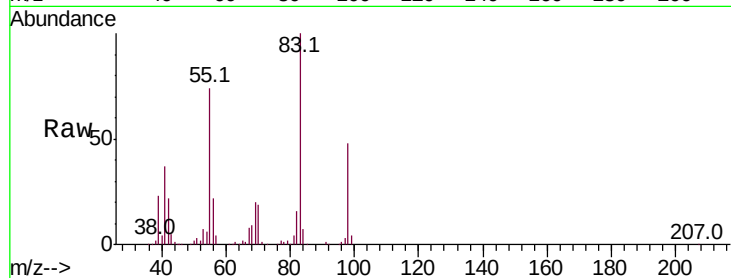




#39
Methylvlcyclohexane
Concen: 19.375 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

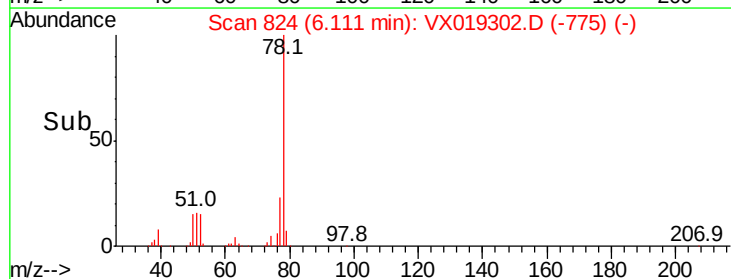
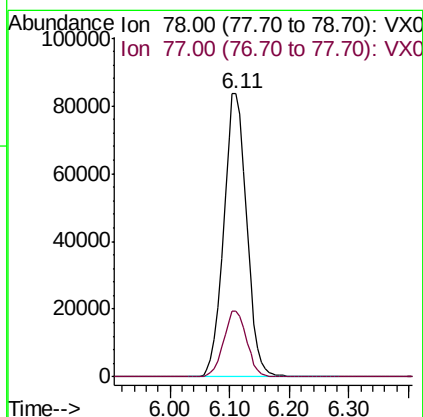
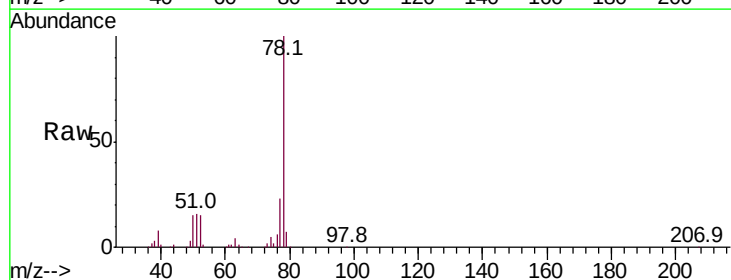
Instrument :
MSVOA_X
ClientSampled :

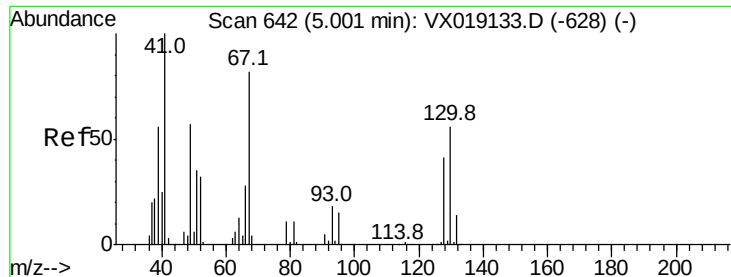
Tot Ion: 83 Resp: 91053
Ion Ratio Lower Upper
83 100
55 74.0 57.0 85.6
98 47.7 40.5 60.7



#40
Benzene
Concen: 20.127 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Tgt Ion: 78 Resp: 224294
Ion Ratio Lower Upper
78 100
77 23.4 18.7 28.1

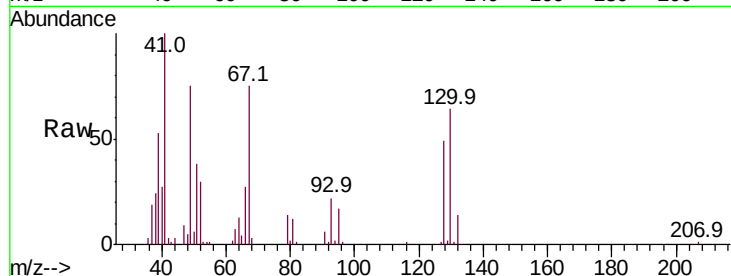




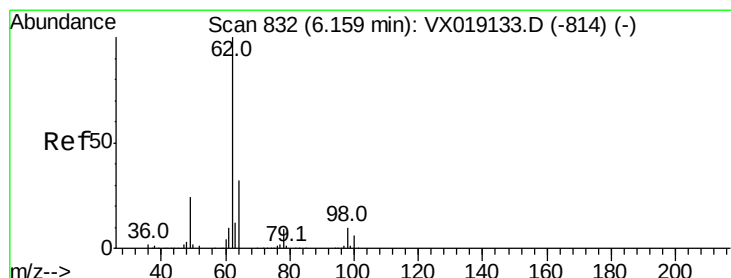
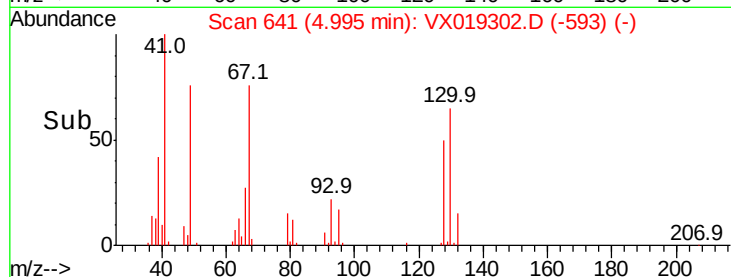
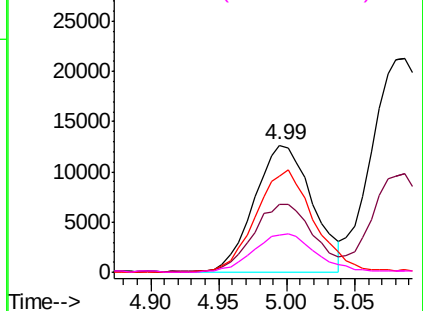
#41
Methacrylonitrile
Concen: 19.340 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	38007
Ion	Ratio	Lower	Upper
41	100		
39	55.5	44.4	66.6
67	80.4	66.4	99.6
52	32.3	26.2	39.4

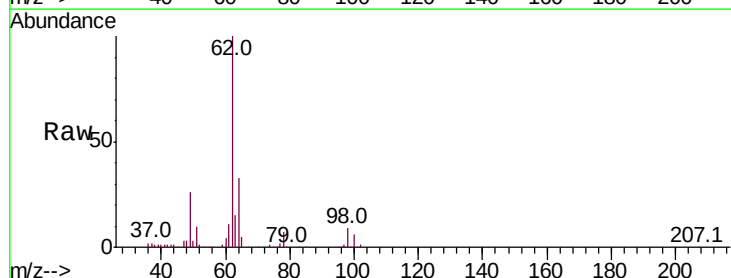


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

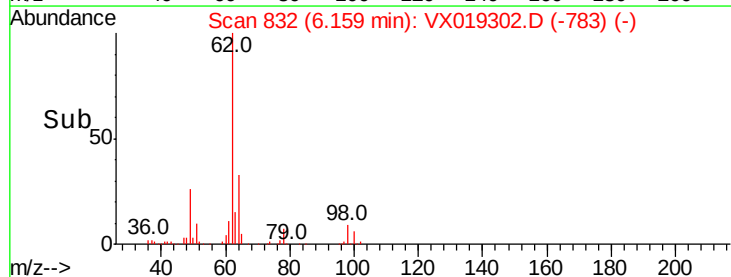
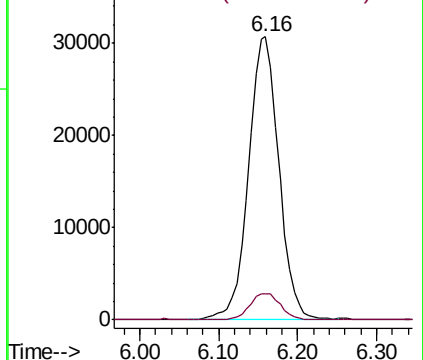


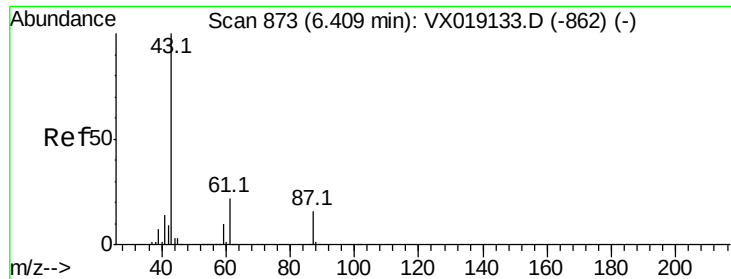
#42
1,2-Dichloroethane
Concen: 20.023 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Tgt Ion:	62	Resp:	82233
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.0



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





#43

Isopropyl Acetate

Concen: 19.397 ug/l

RT: 6.40 min Scan# 872

Delta R.T. -0.01 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Instrument :

MSVOA_X

ClientSampled :

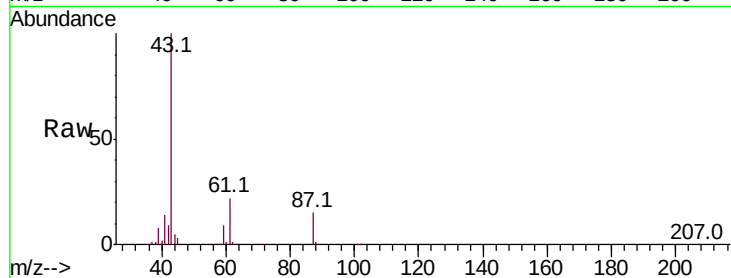
Tot Ion: 43 Resp: 118524

Ion Ratio Lower Upper

43 100

61 21.8 17.8 26.6

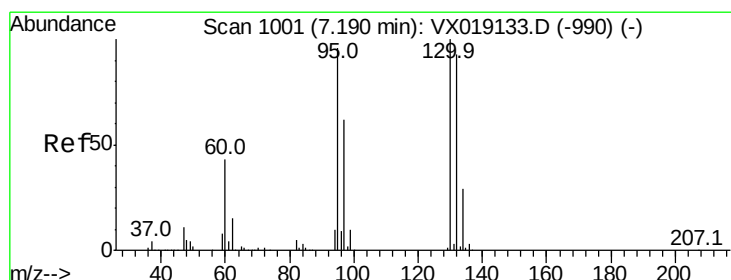
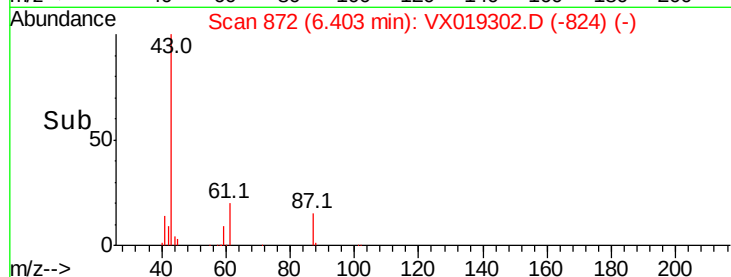
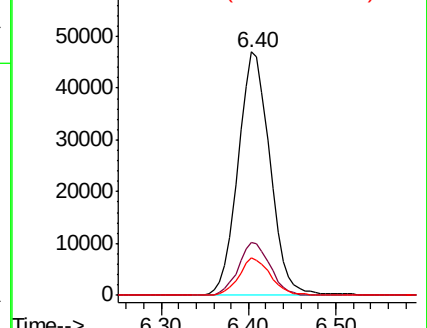
87 15.3 12.6 19.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.655 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX019302.D

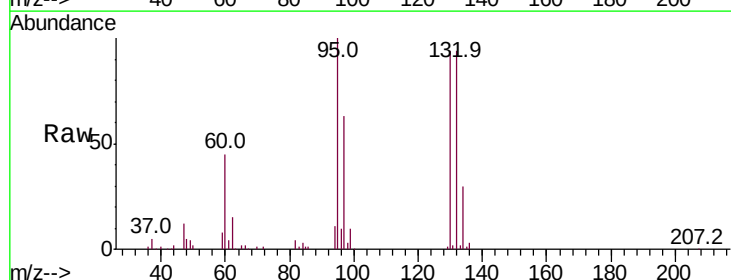
Acq: 05 Nov 2020 10:48

Tgt Ion:130 Resp: 59536

Ion Ratio Lower Upper

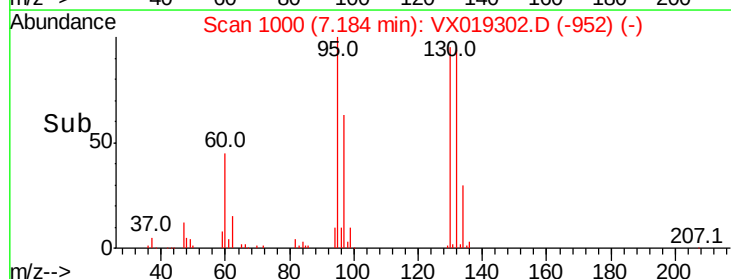
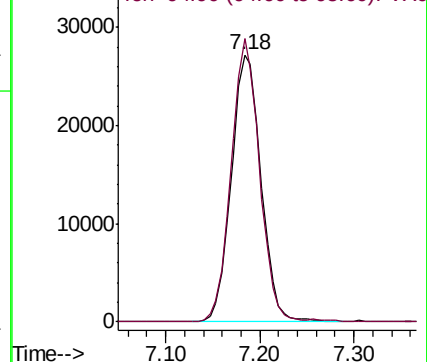
130 100

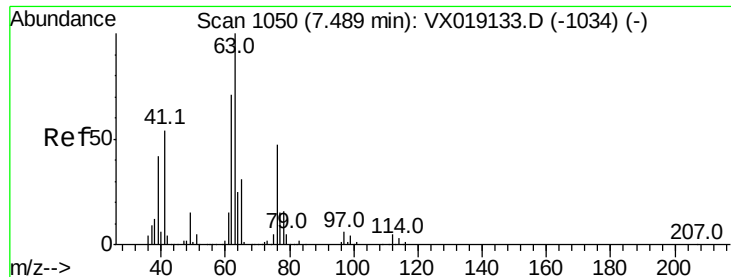
95 105.9 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.559 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Instrument :

MSVOA_X

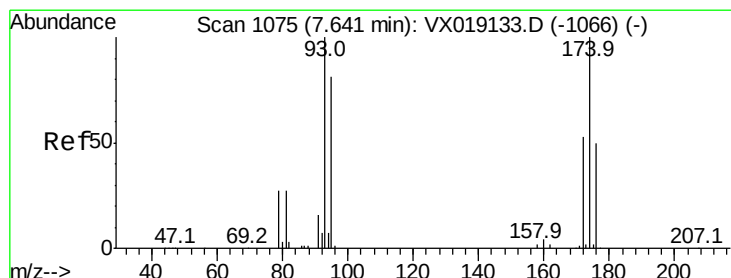
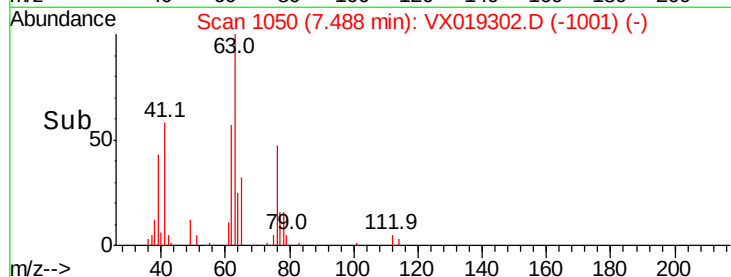
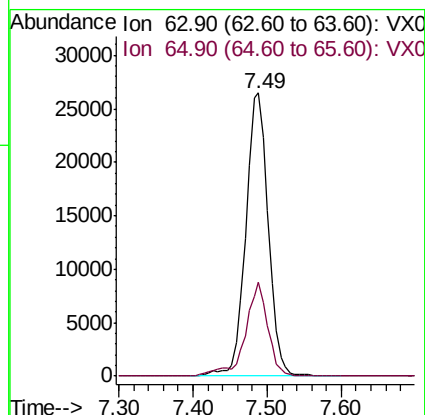
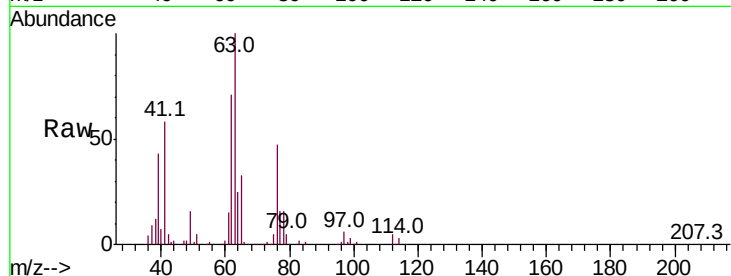
ClientSampleId :

Tot Ion: 63 Resp: 56116

Ion Ratio Lower Upper

63 100

65 33.4 25.2 37.8



#46

Dibromomethane

Concen: 19.267 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

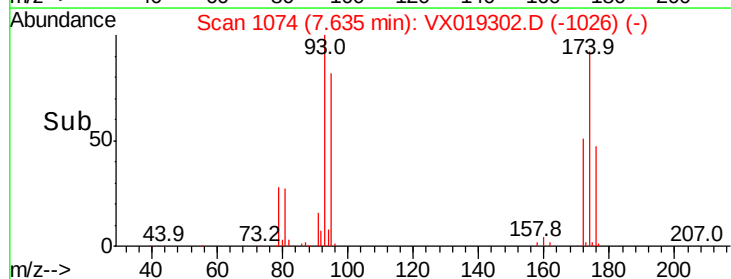
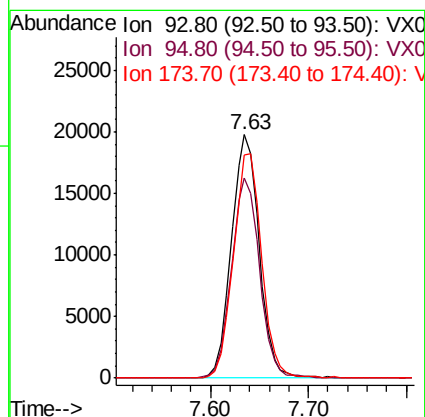
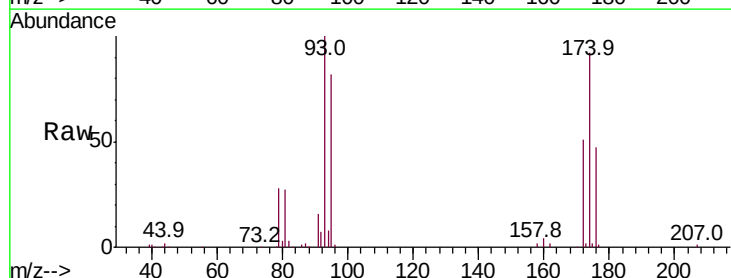
Tgt Ion: 93 Resp: 38887

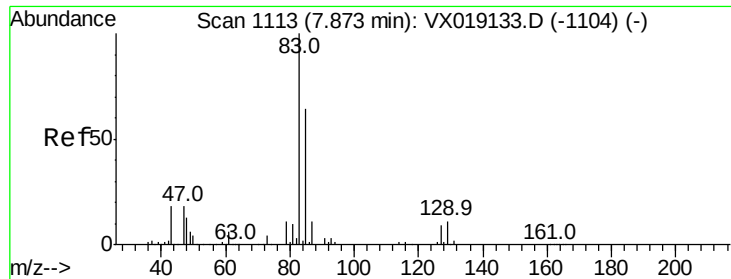
Ion Ratio Lower Upper

93 100

95 83.2 67.0 100.6

174 94.1 81.7 122.5





#47

Bromodichloromethane

Concen: 19.364 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Instrument :

MSVOA_X

ClientSampled :

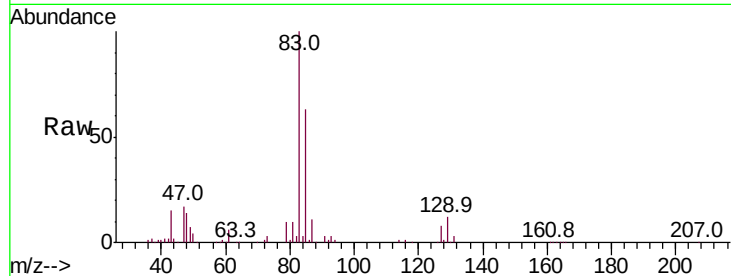
Tot Ion: 83 Resp: 77037

Ion Ratio Lower Upper

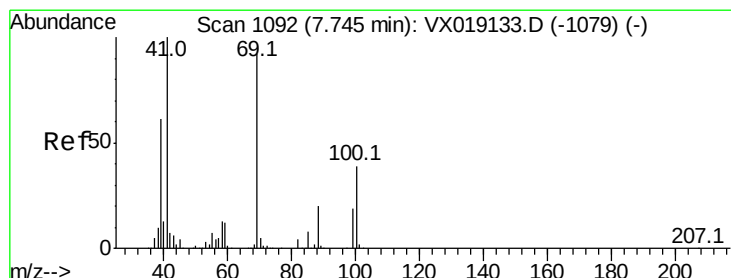
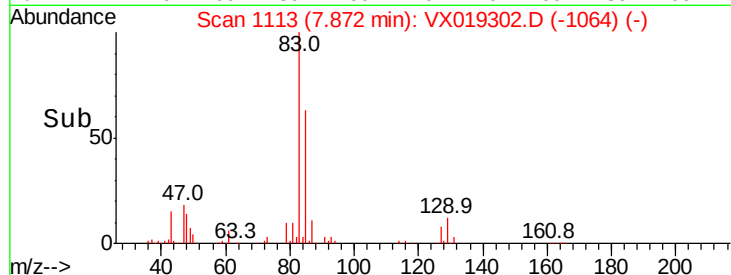
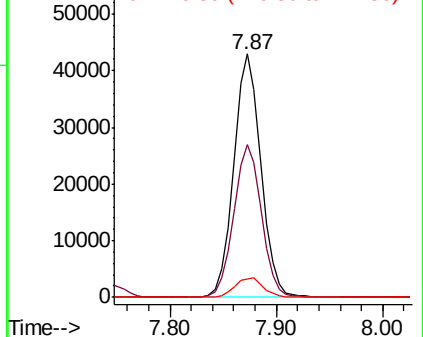
83 100

85 62.8 51.2 76.8

127 7.8 7.1 10.7



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



#48

Methyl methacrylate

Concen: 19.226 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

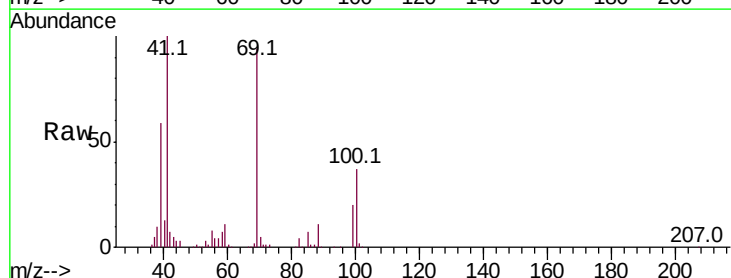
Tgt Ion: 41 Resp: 56542

Ion Ratio Lower Upper

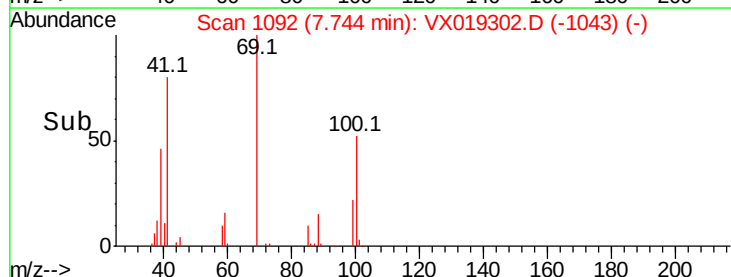
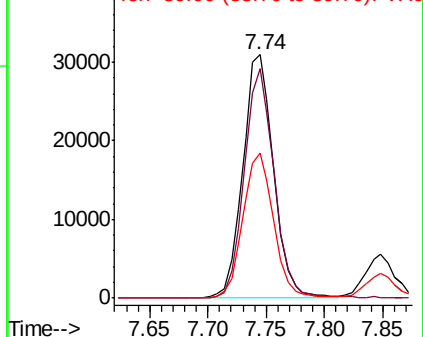
41 100

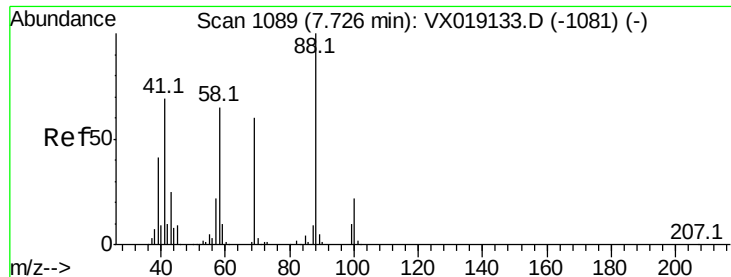
69 92.9 75.5 113.3

39 60.1 48.9 73.3



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

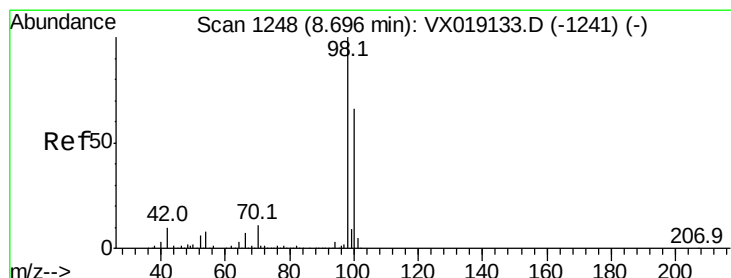
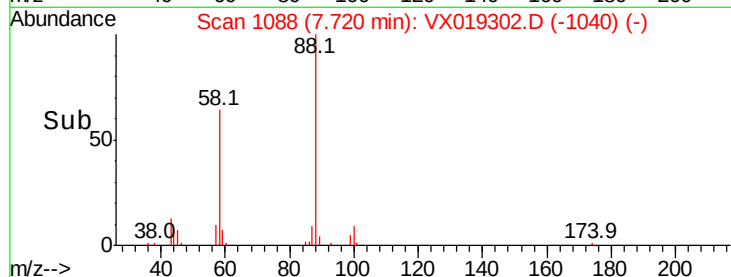
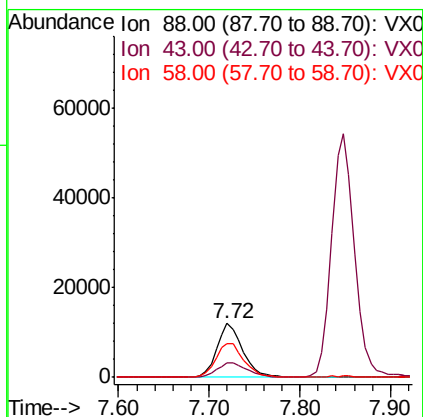
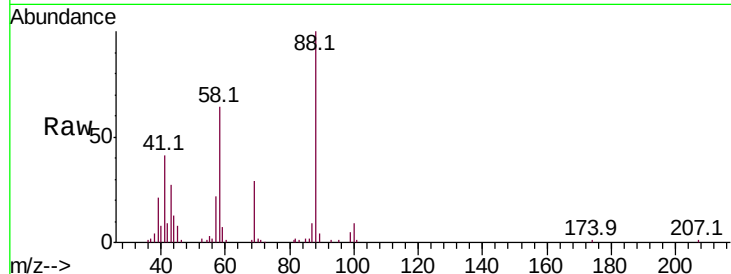




#49
1,4-Dioxane
Concen: 367.669 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. -0.01 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

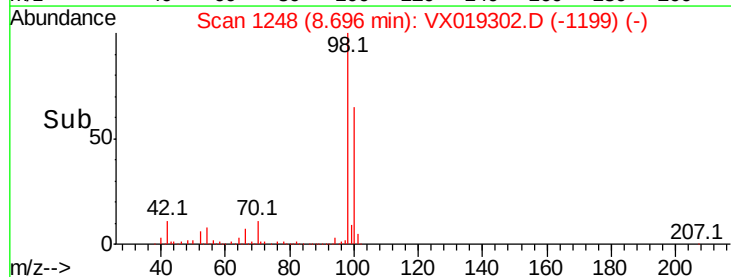
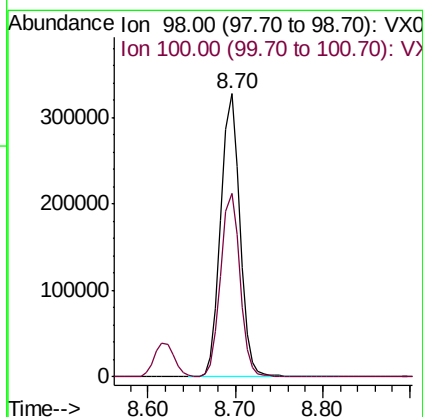
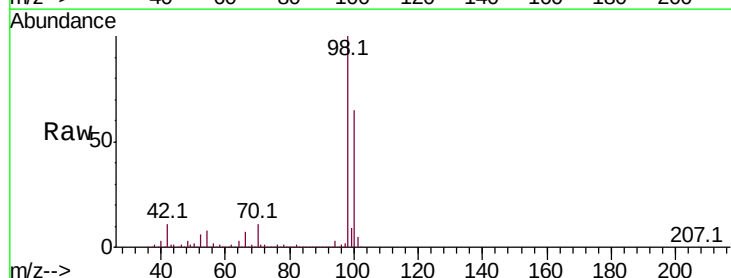
Instrument :
MSVOA_X
ClientSampled :

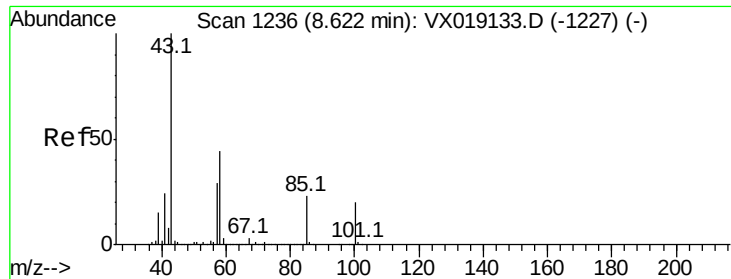
Tot Ion: 88 Resp: 24047
Ion Ratio Lower Upper
88 100
43 31.3 23.0 34.6
58 69.4 52.2 78.2



#50
Toluene-d8
Concen: 49.255 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Tgt Ion: 98 Resp: 496402
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.6

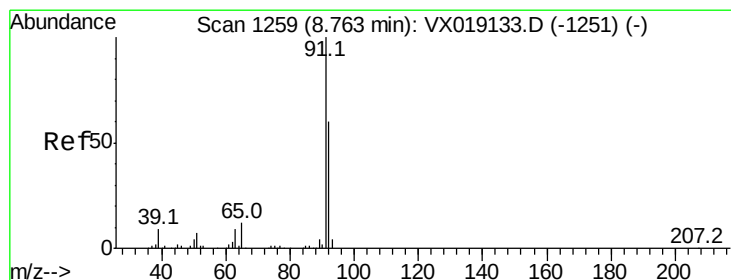
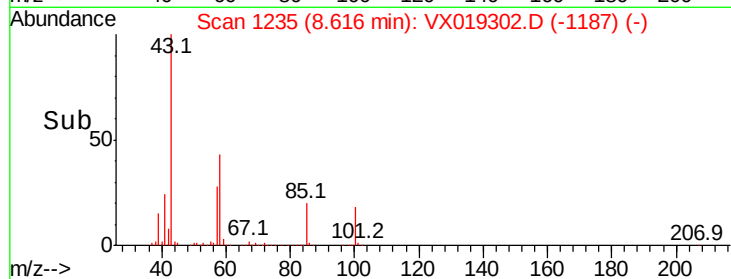
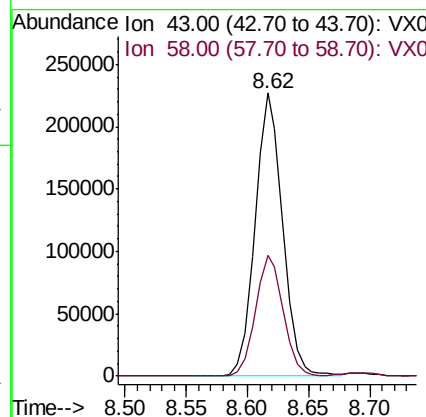
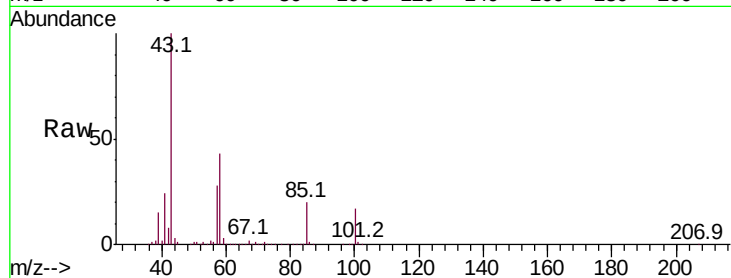




#51
4-Methyl-2-Pentanone
Concen: 101.155 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

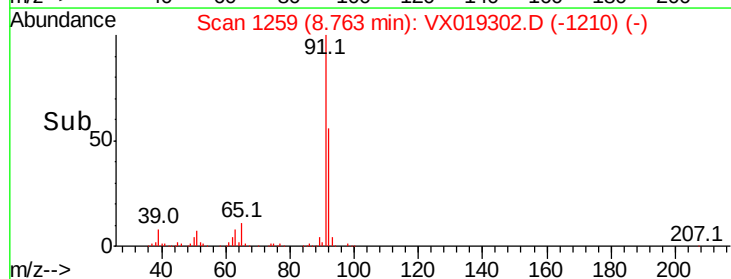
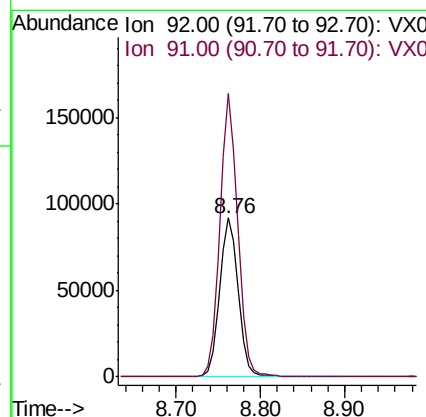
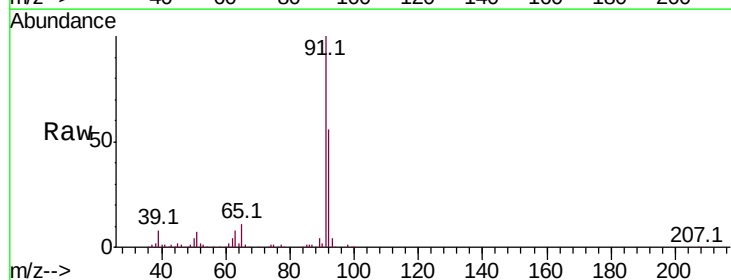
Instrument :
MSVOA_X
ClientSampled :

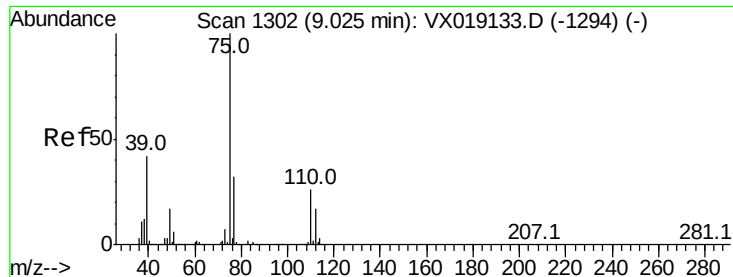
Tot Ion: 43 Resp: 355249
Ion Ratio Lower Upper
43 100
58 43.1 35.0 52.4



#52
Toluene
Concen: 19.648 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Tgt Ion: 92 Resp: 141020
Ion Ratio Lower Upper
92 100
91 171.4 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 18.229 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Instrument :

MSVOA_X

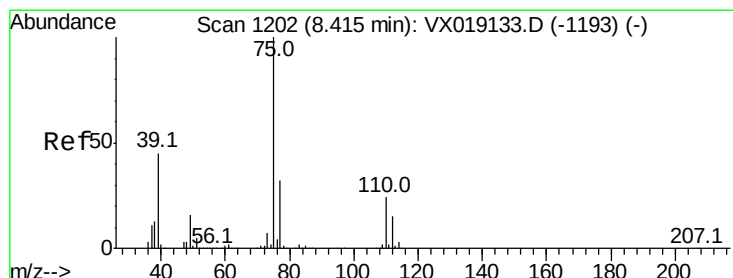
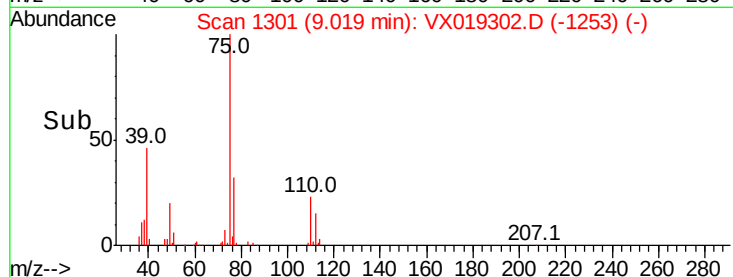
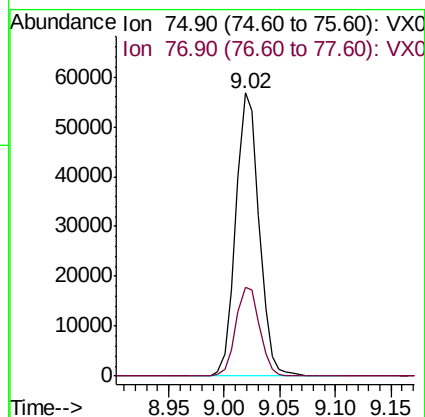
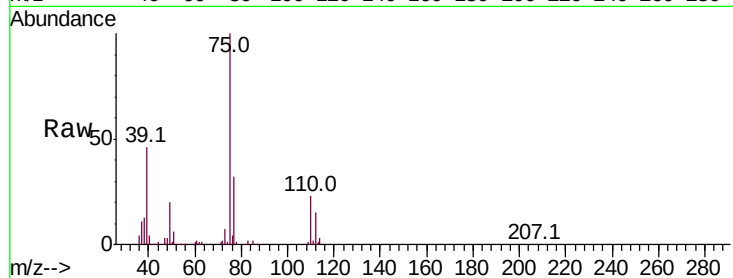
ClientSampleId :

Tot Ion: 75 Resp: 82834

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 19.116 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

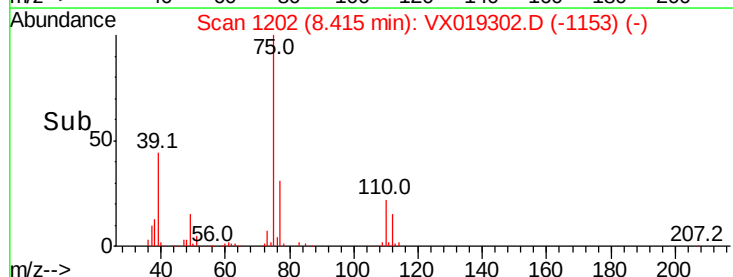
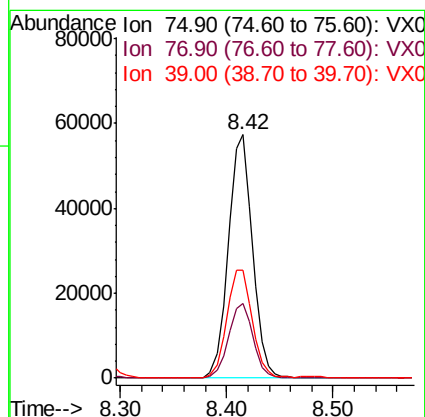
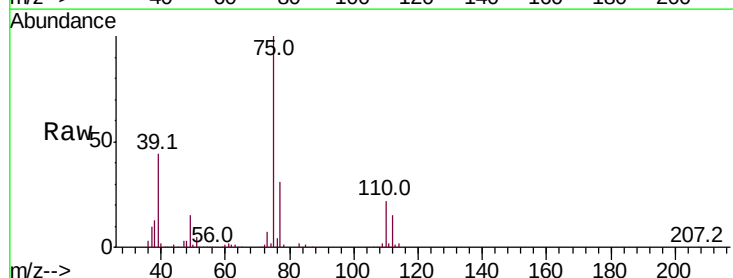
Tgt Ion: 75 Resp: 91343

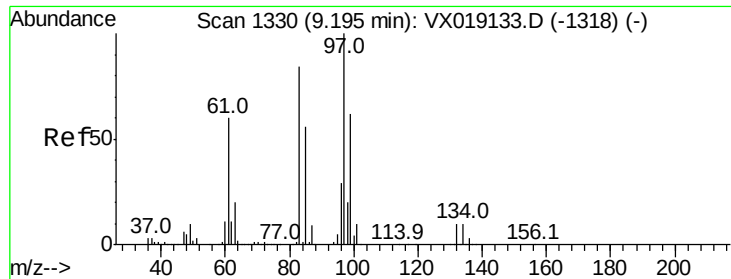
Ion Ratio Lower Upper

75 100

77 30.7 25.5 38.3

39 44.3 36.2 54.2

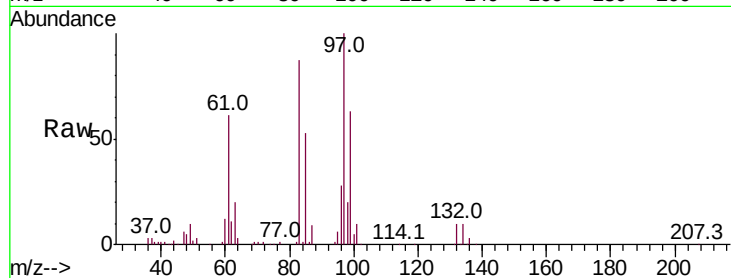




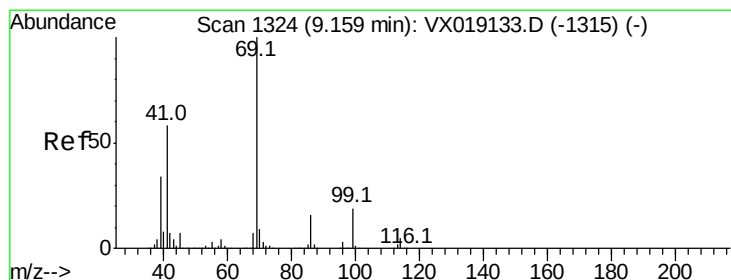
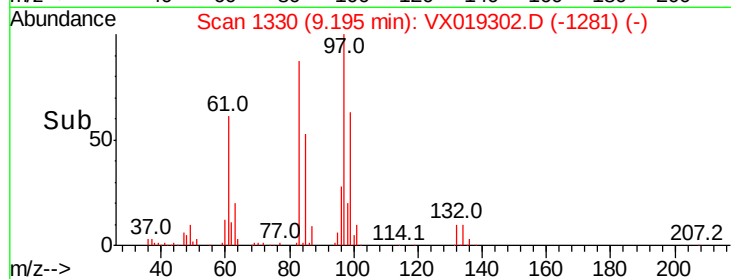
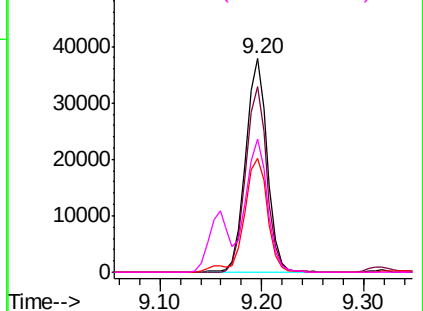
#55
 1,1,2-Trichloroethane
 Concen: 19.695 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019302.D
 Acq: 05 Nov 2020 10:48

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:	97	Resp:	55852
Ion	Ratio	Lower	Upper
97	100		
83	87.1	67.2	100.8
85	53.3	44.6	67.0
99	62.6	49.4	74.0

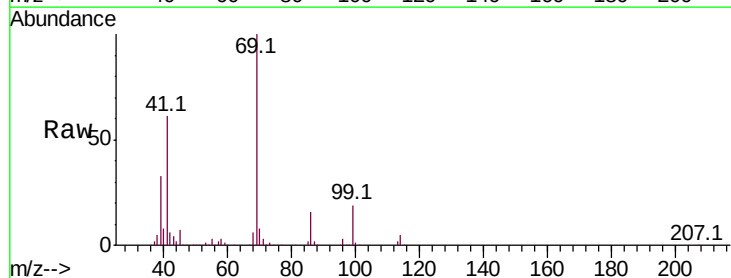


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

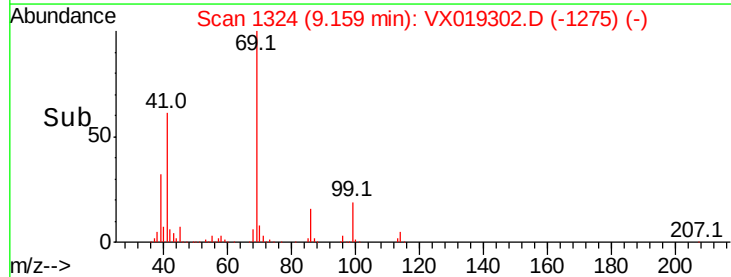
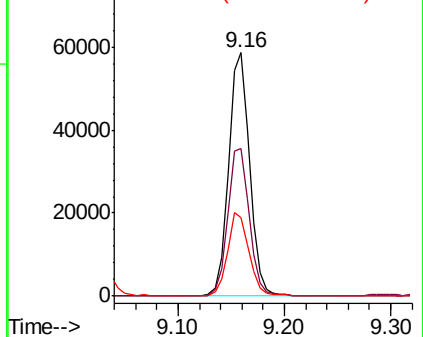


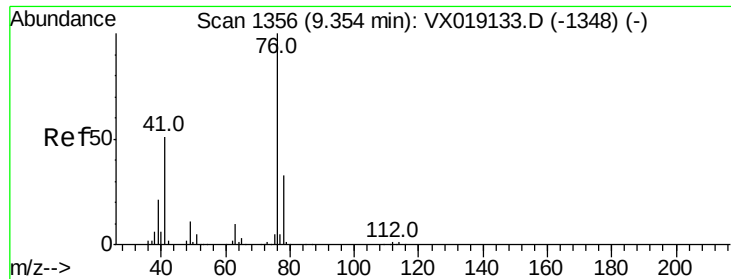
#56
 Ethyl methacrylate
 Concen: 19.068 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019302.D
 Acq: 05 Nov 2020 10:48

Tgt Ion:	69	Resp:	81677
Ion	Ratio	Lower	Upper
69	100		
41	62.7	46.5	69.7
39	34.6	27.6	41.4



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





#57

1,3-Dichloropropane

Concen: 19.917 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Instrument :

MSVOA_X

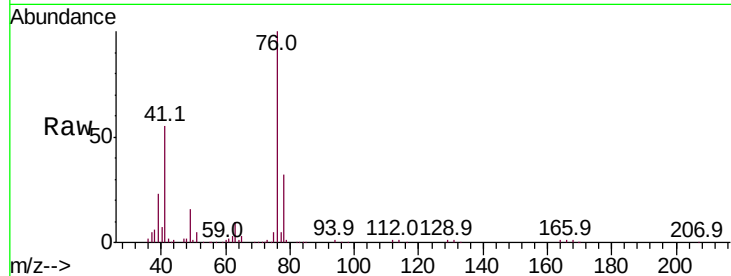
ClientSampleId :

Tot Ion: 76 Resp: 95229

Ion Ratio Lower Upper

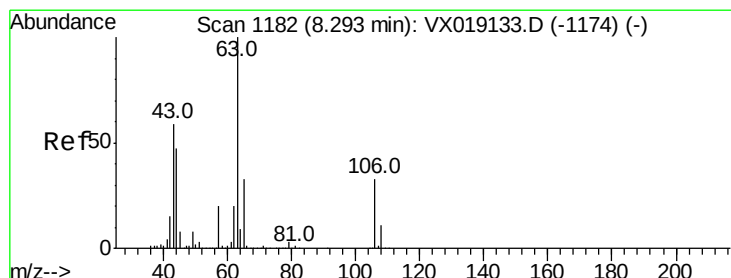
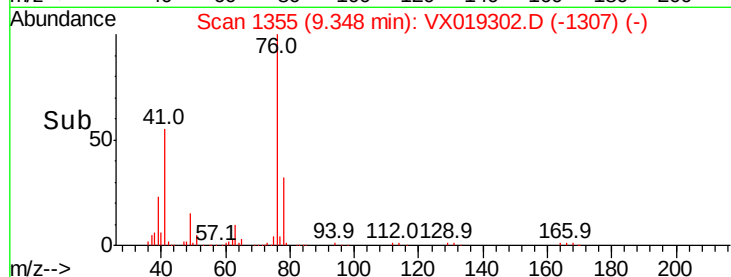
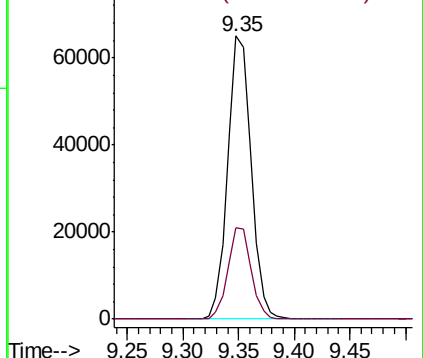
76 100

78 32.1 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 92.905 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX019302.D

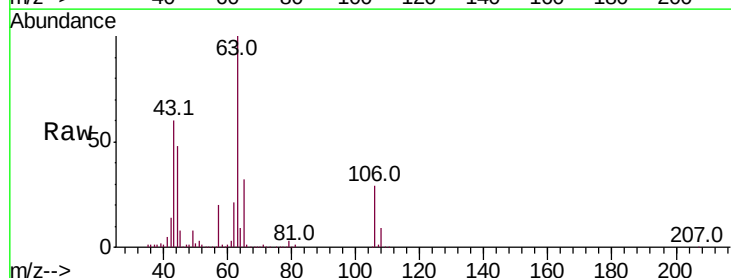
Acq: 05 Nov 2020 10:48

Tgt Ion: 63 Resp: 222557

Ion Ratio Lower Upper

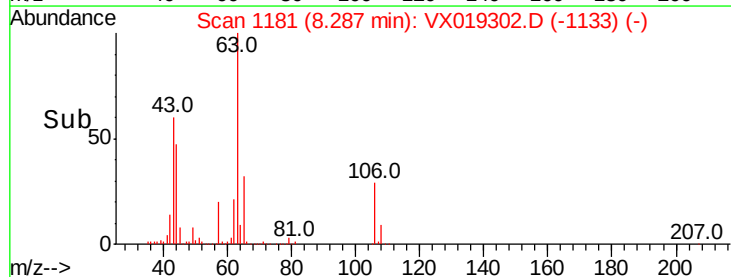
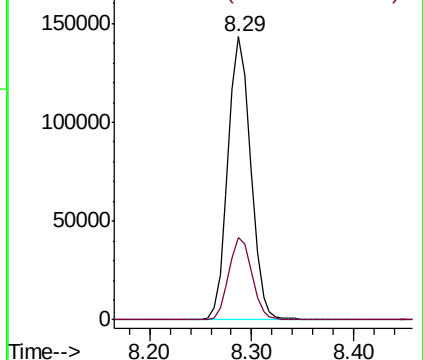
63 100

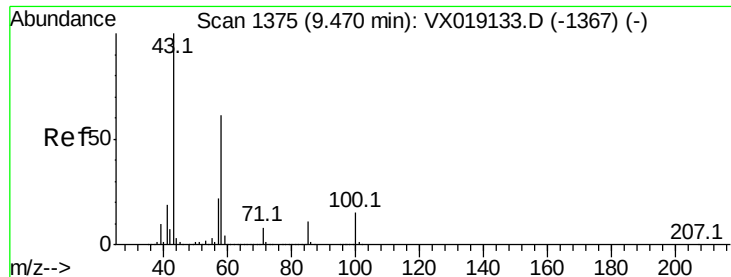
106 29.4 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

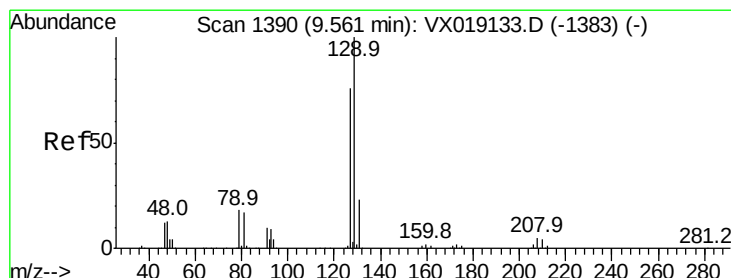
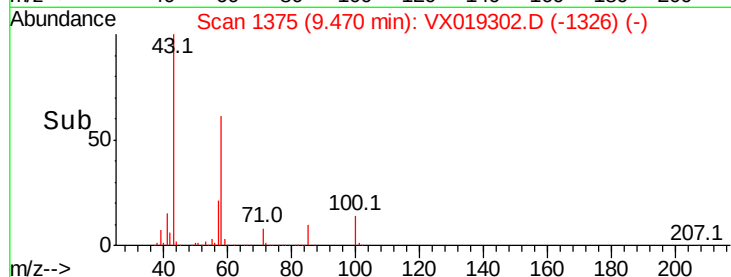
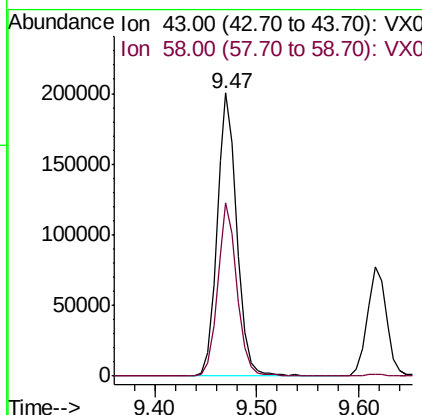
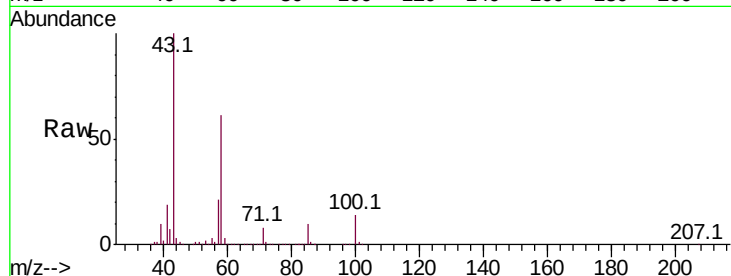




#59
2-Hexanone
Concen: 101.461 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

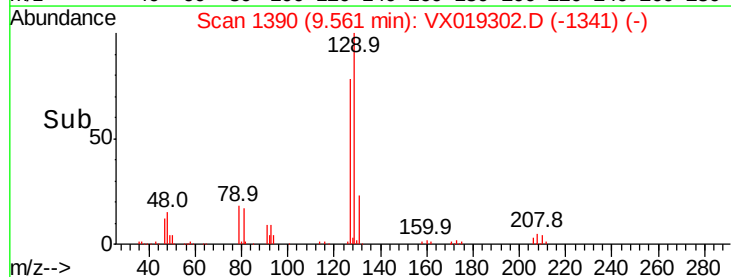
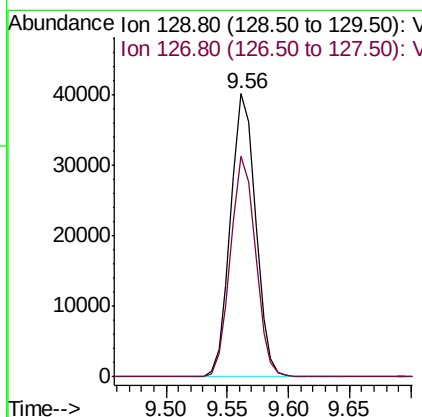
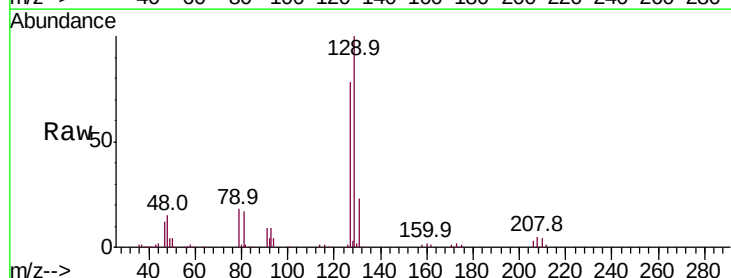
Instrument :
MSVOA_X
ClientSampleId :

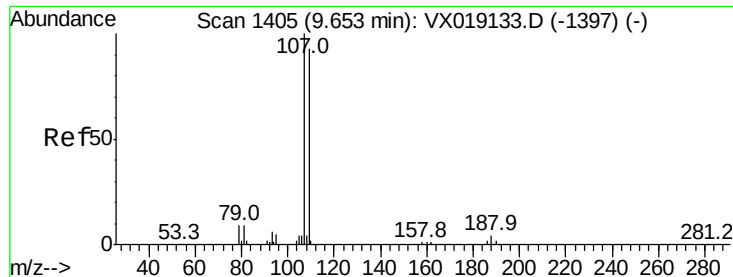
Tot Ion: 43 Resp: 271236
Ion Ratio Lower Upper
43 100
58 59.9 30.5 91.5



#60
Dibromochloromethane
Concen: 18.502 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Tgt Ion: 129 Resp: 56943
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.302 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Instrument :

MSVOA_X

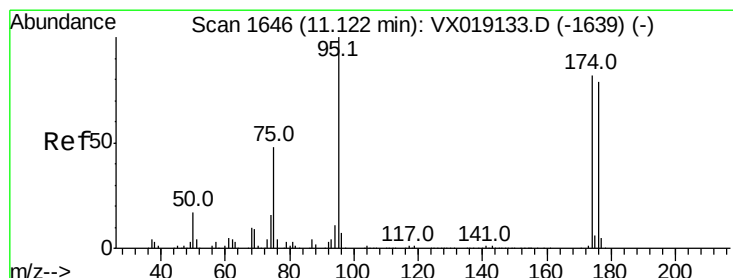
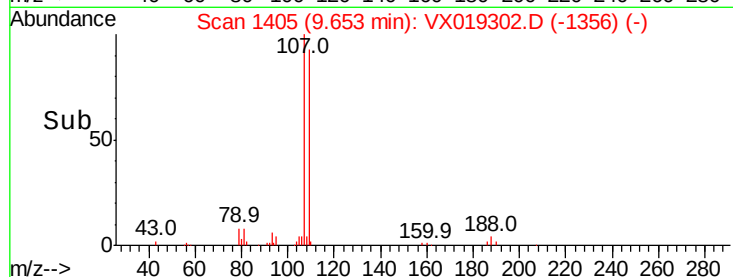
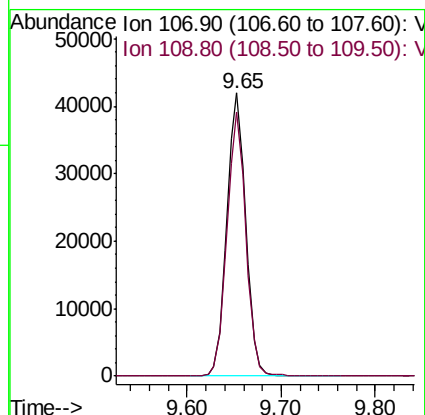
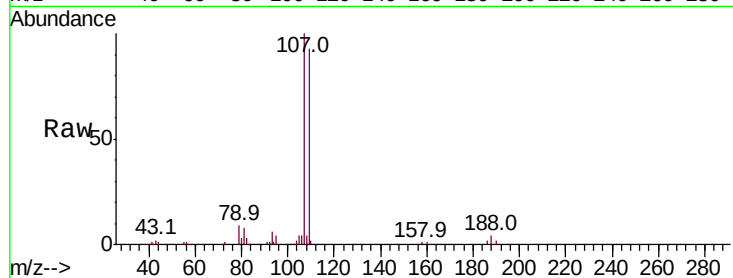
ClientSampleId :

Tot Ion:107 Resp: 58534

Ion Ratio Lower Upper

107 100

109 93.2 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 48.585 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

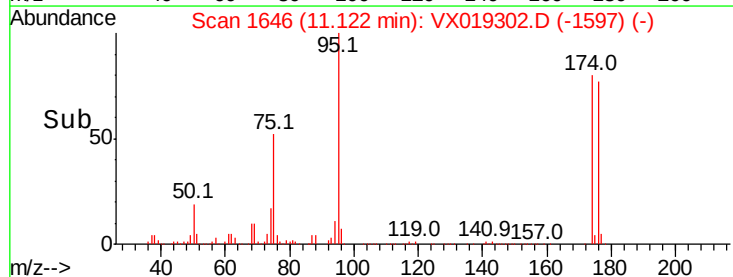
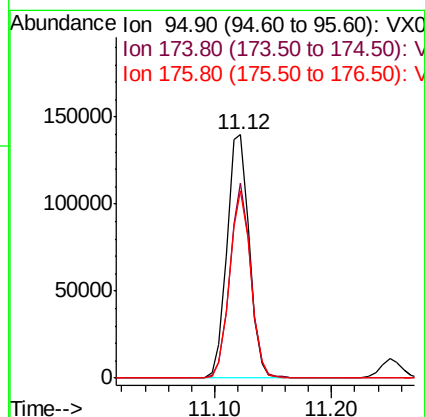
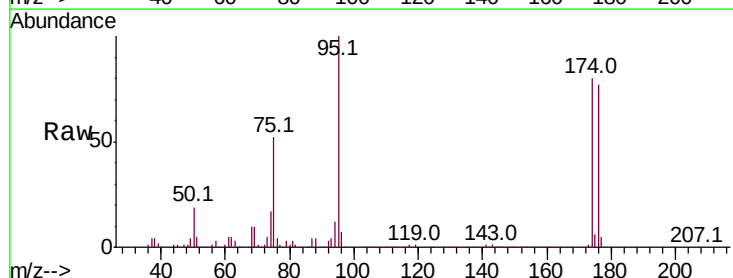
Tgt Ion: 95 Resp: 185433

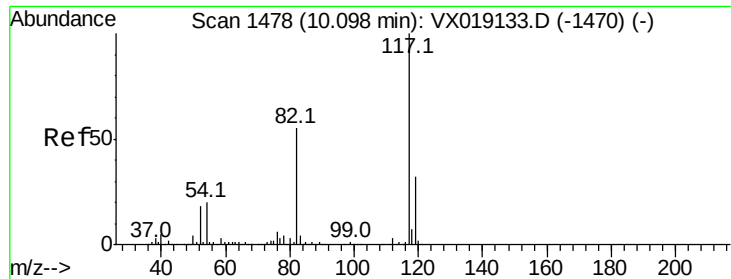
Ion Ratio Lower Upper

95 100

174 75.0 0.0 156.0

176 73.5 0.0 149.8

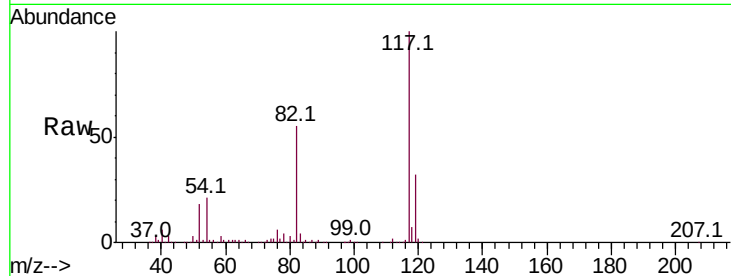




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.2	43.6	65.4
119	32.4	25.5	38.3

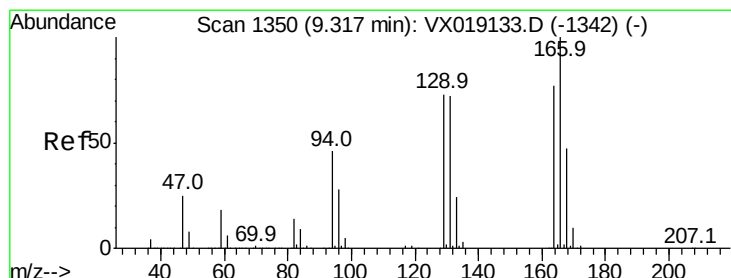
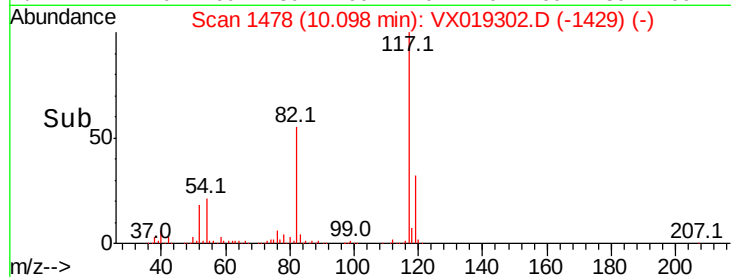
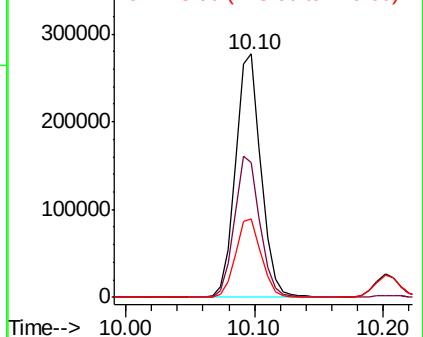


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 19.189 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.9	104.1	156.1
129	94.7	76.2	114.4
131	91.0	74.6	112.0

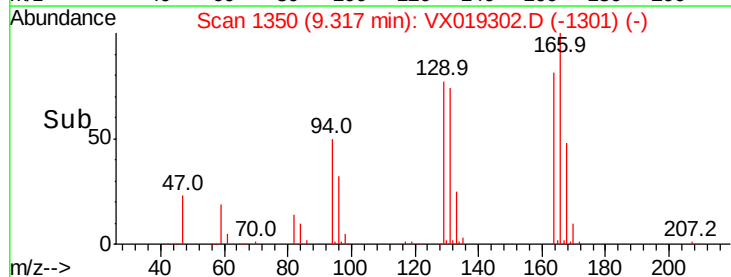
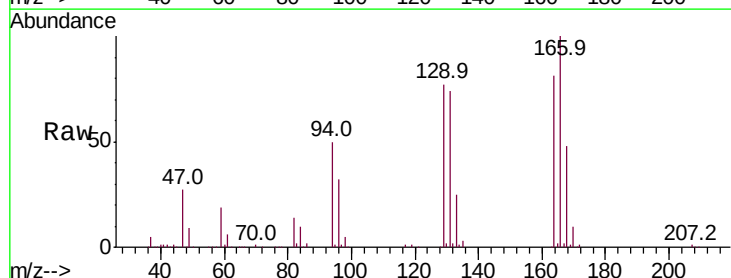
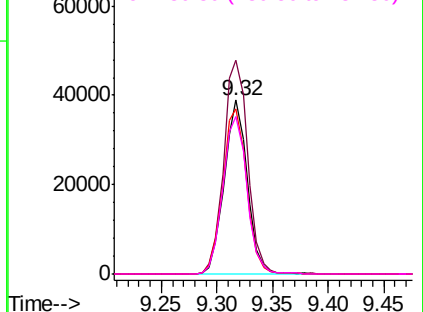
Abundance

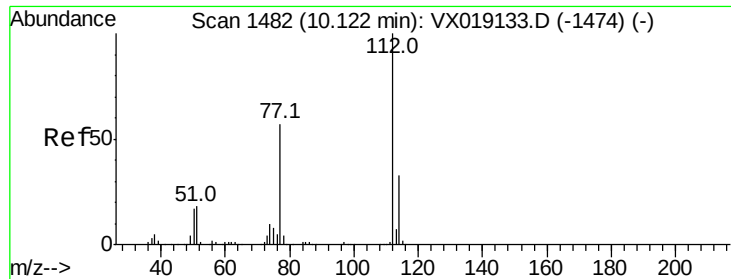
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

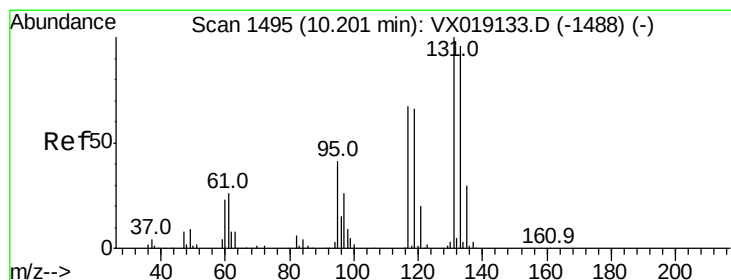
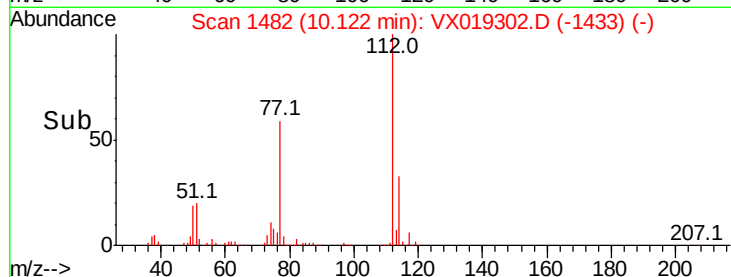
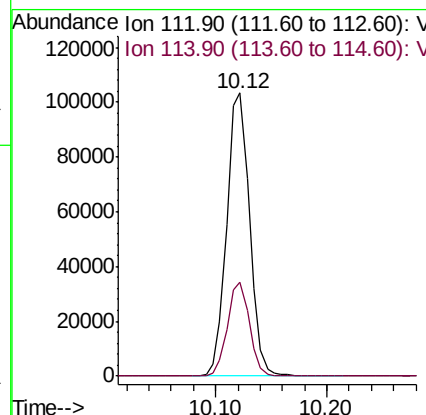
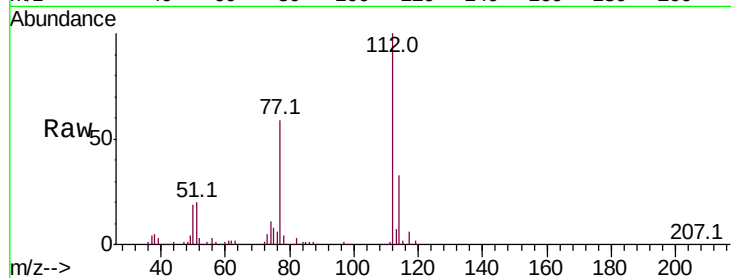




#65
Chlorobenzene
Concen: 18.908 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

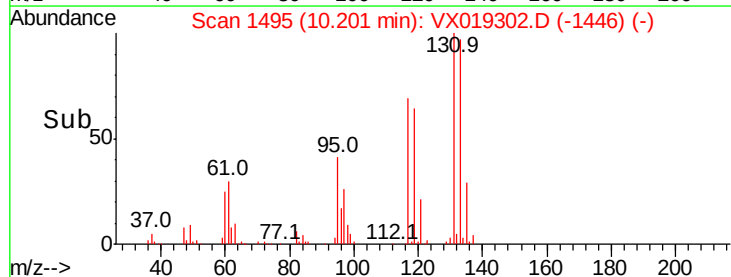
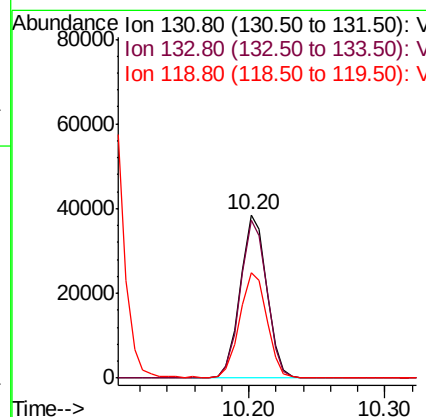
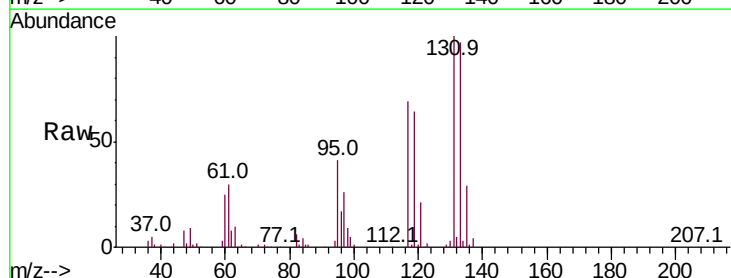
Instrument :
MSVOA_X
ClientSampled :

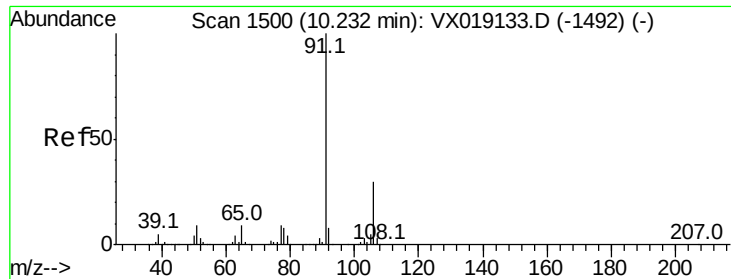
Tot Ion:112 Resp: 147238
Ion Ratio Lower Upper
112 100
114 33.2 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 18.753 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Tgt Ion:131 Resp: 52572
Ion Ratio Lower Upper
131 100
133 96.4 47.3 141.8
119 66.1 32.3 96.9

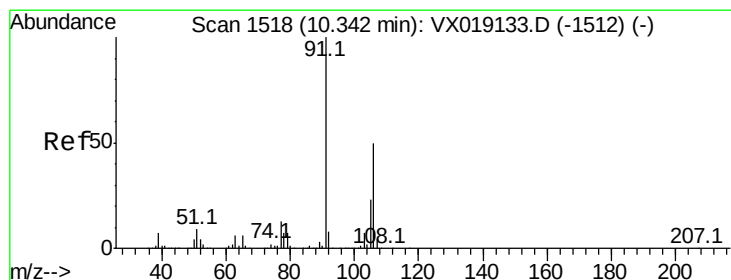
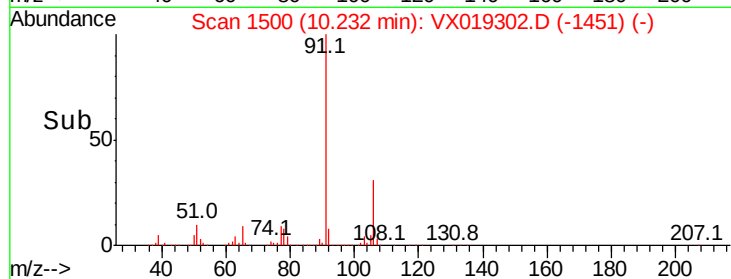
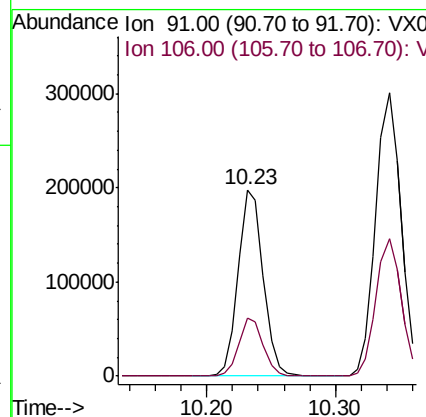
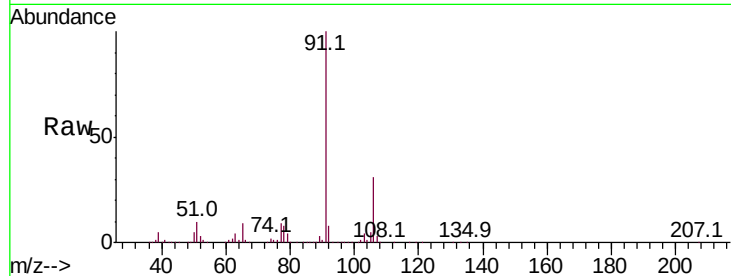




#67
Ethyl Benzene
Concen: 19.346 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

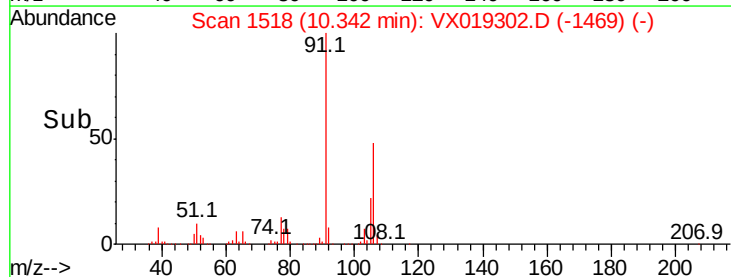
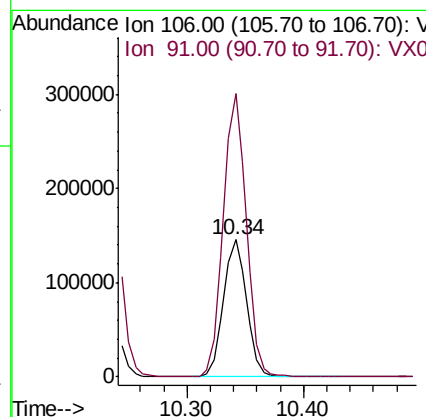
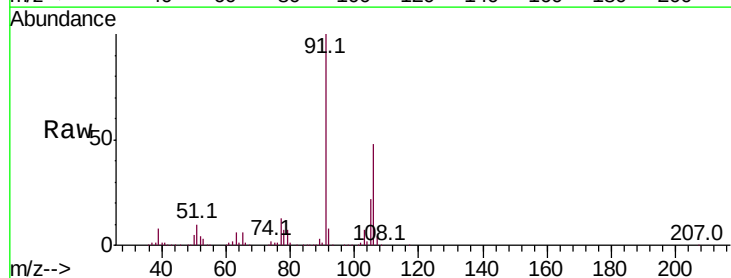
Instrument :
MSVOA_X
ClientSampled :

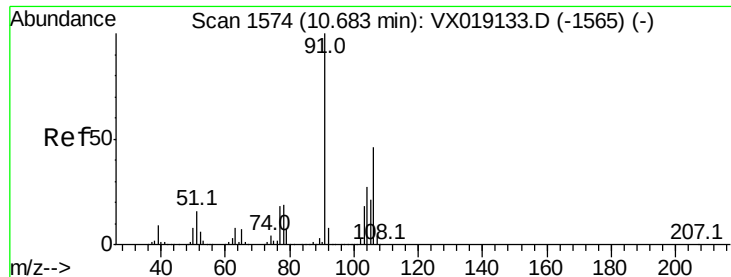
Tot Ion: 91 Resp: 268453
Ion Ratio Lower Upper
91 100
106 30.9 24.3 36.5



#68
m/p-Xylenes
Concen: 38.376 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Tgt Ion: 106 Resp: 199858
Ion Ratio Lower Upper
106 100
91 205.3 161.0 241.4

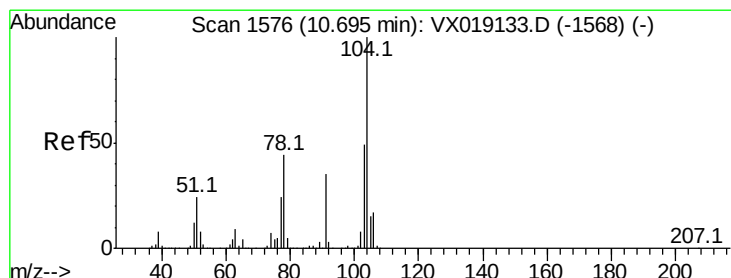
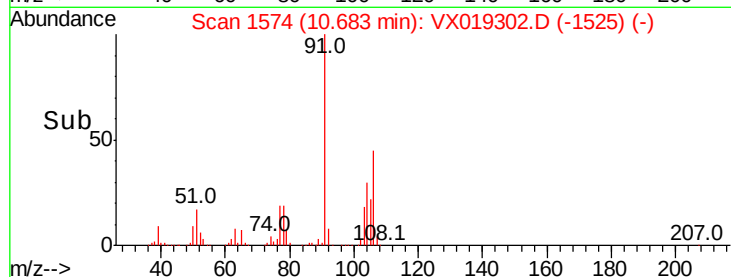
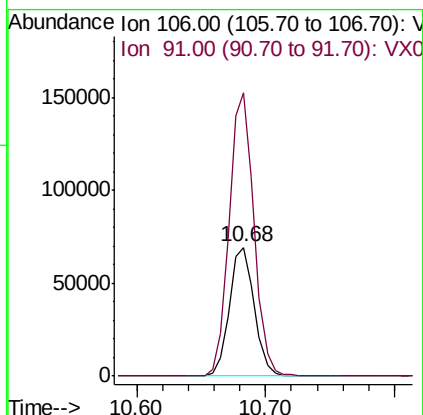
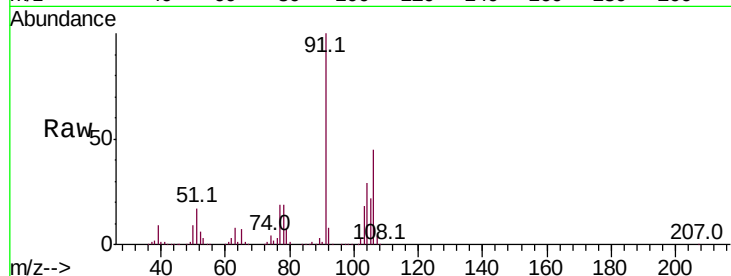




#69
o-Xylene
Concen: 19.103 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

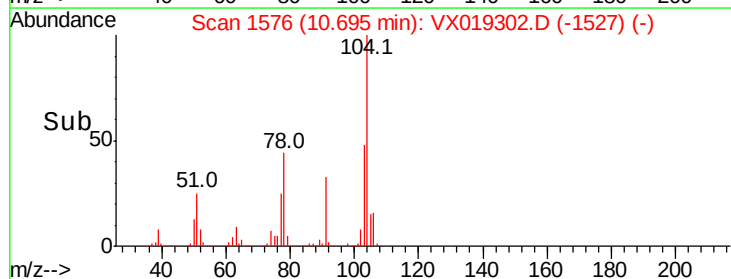
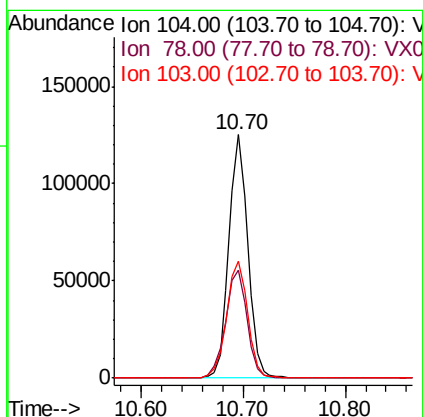
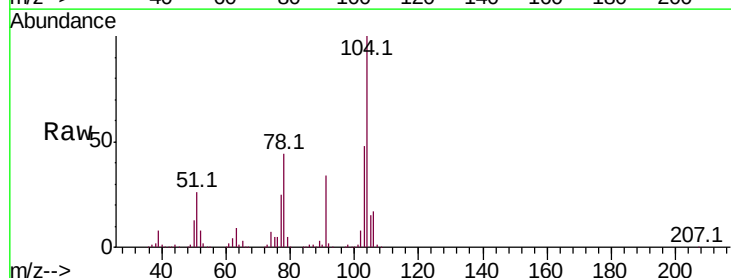
Instrument :
MSVOA_X
ClientSampled :

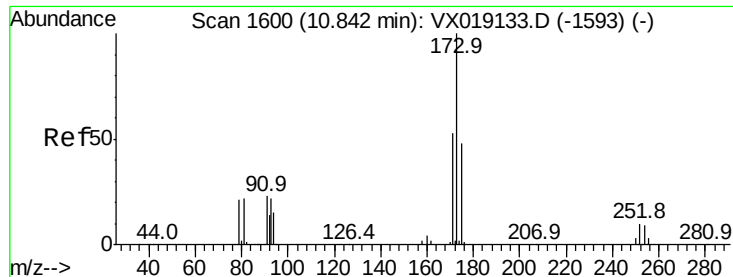
Tot Ion:106 Resp: 94365
Ion Ratio Lower Upper
106 100
91 217.9 108.3 324.8



#70
Styrene
Concen: 19.099 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Tgt Ion:104 Resp: 160971
Ion Ratio Lower Upper
104 100
78 50.2 40.0 60.0
103 53.6 43.5 65.3





#71

Bromoform

Concen: 17.681 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Instrument :

MSVOA_X

ClientSampleId :

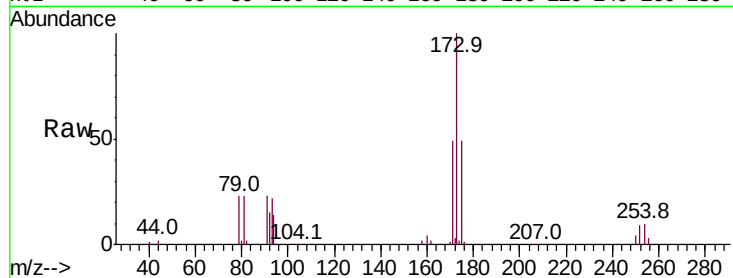
Tot Ion:173 Resp: 39299

Ion Ratio Lower Upper

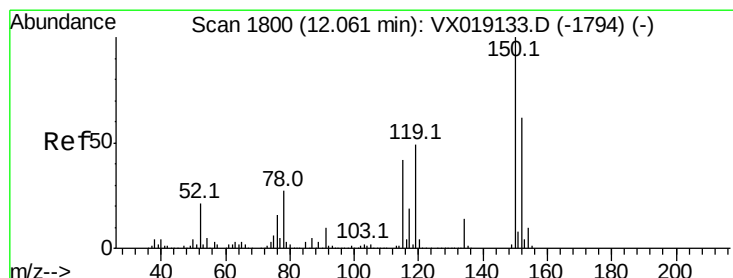
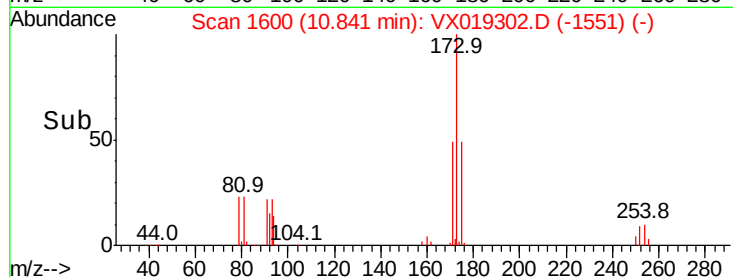
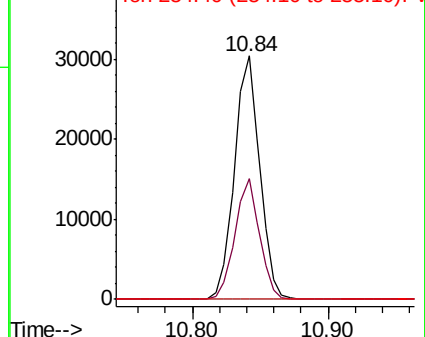
173 100

175 48.2 24.4 73.4

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

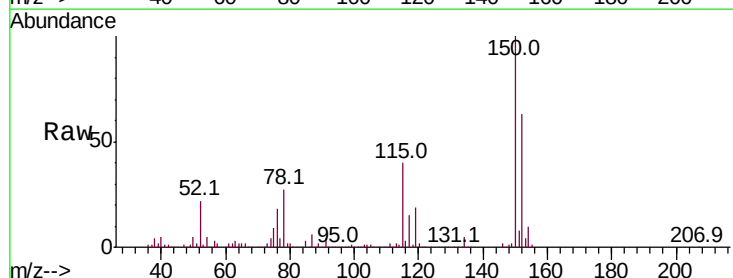
Tgt Ion:152 Resp: 190681

Ion Ratio Lower Upper

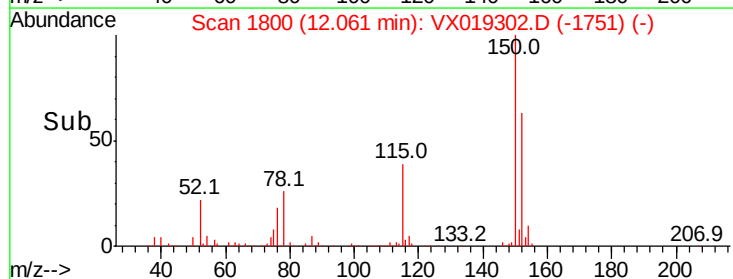
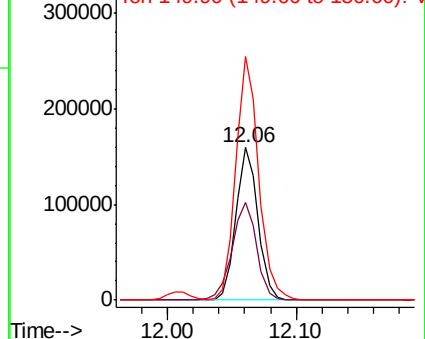
152 100

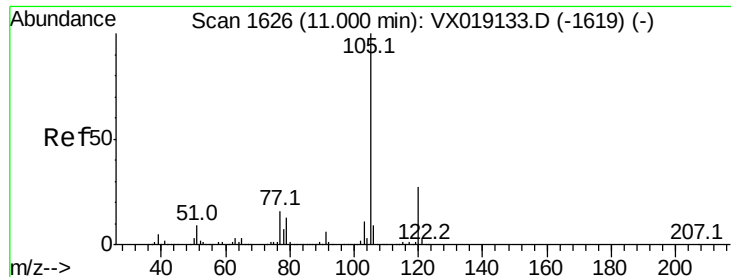
115 70.9 41.9 125.7

150 165.2 0.0 347.8



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





#73

Isopropylbenzene

Concen: 19.396 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Instrument :

MSVOA_X

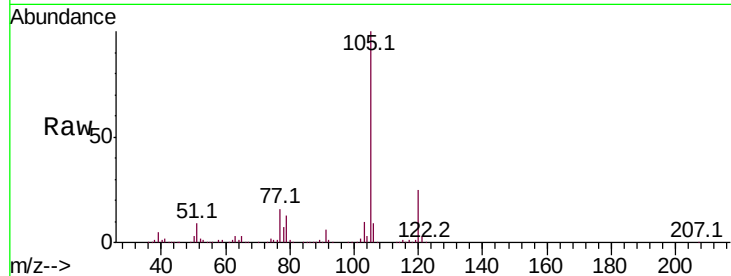
ClientSampleId :

Tot Ion:105 Resp: 261790

Ion Ratio Lower Upper

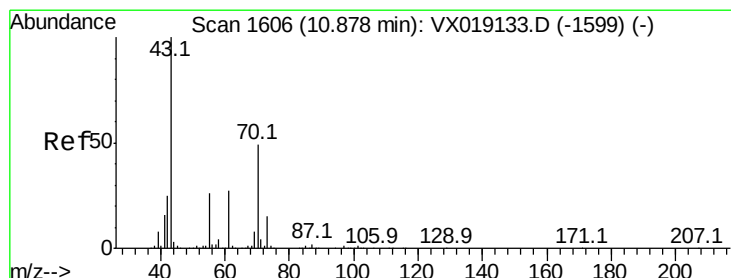
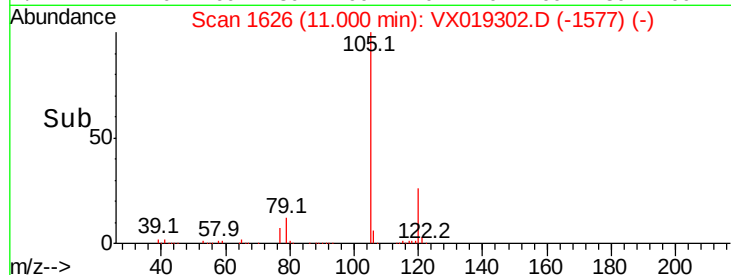
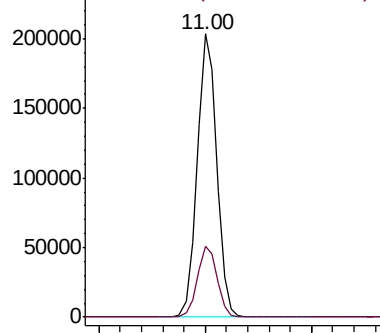
105 100

120 25.4 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.093 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Tgt Ion: 43 Resp: 94225

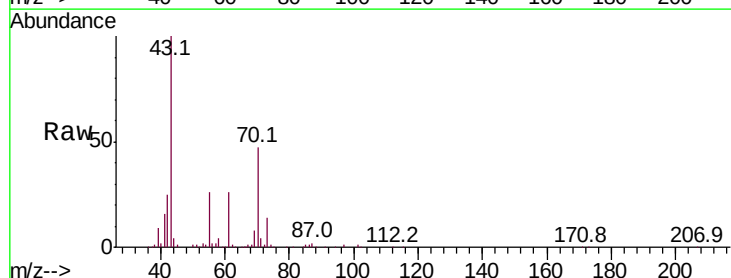
Ion Ratio Lower Upper

43 100

70 48.1 39.6 59.4

55 27.1 20.7 31.1

61 26.8 21.9 32.9

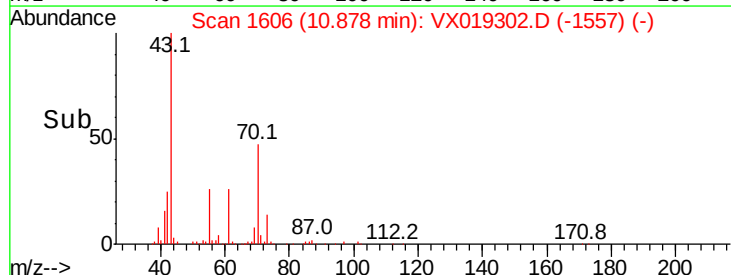
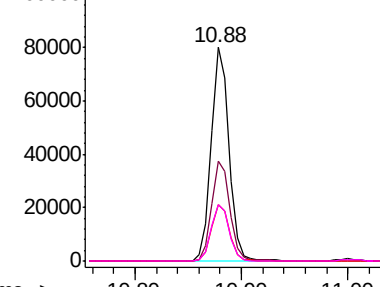


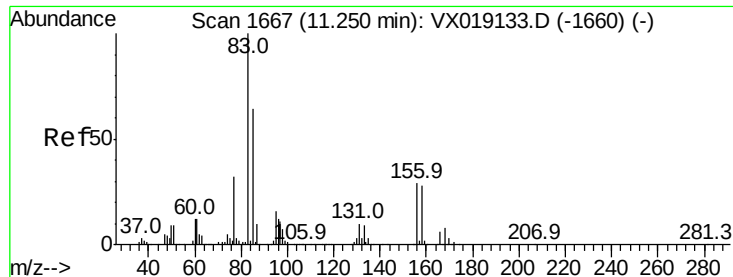
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.608 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Instrument :

MSVOA_X

ClientSampleId :

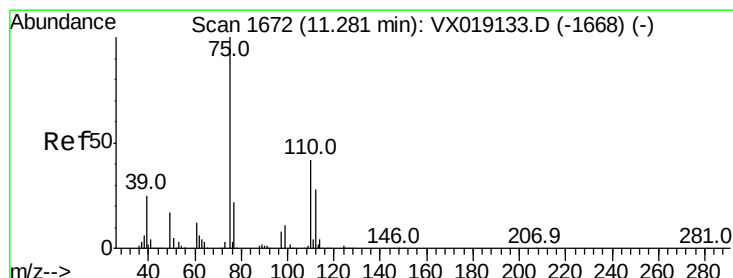
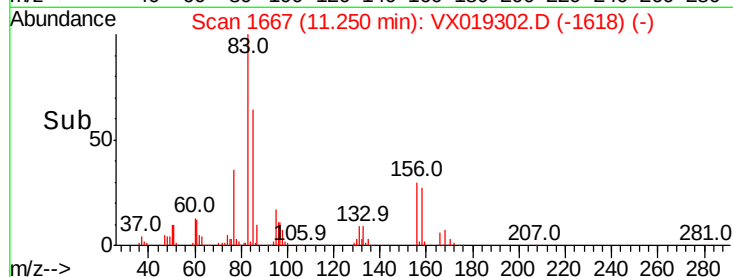
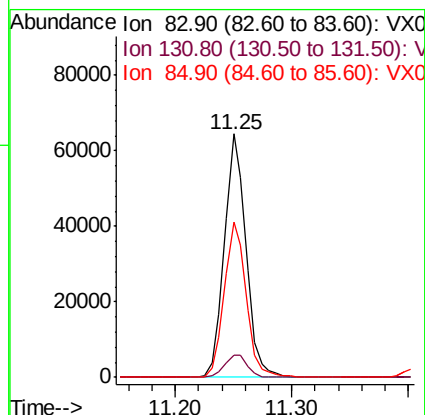
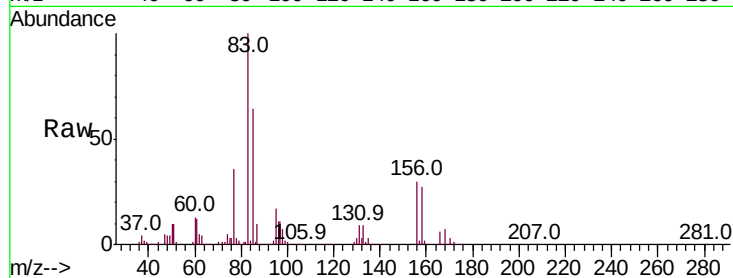
Tot Ion: 83 Resp: 82714

Ion Ratio Lower Upper

83 100

131 9.6 5.2 15.6

85 64.5 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 24.486 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019302.D

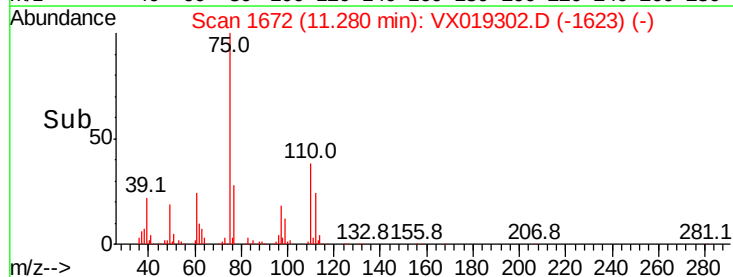
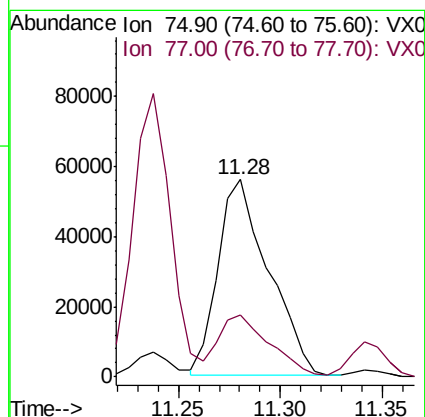
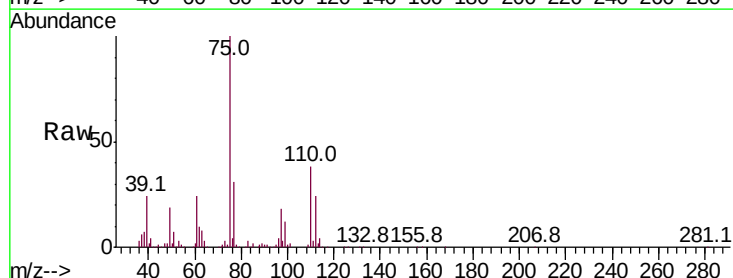
Acq: 05 Nov 2020 10:48

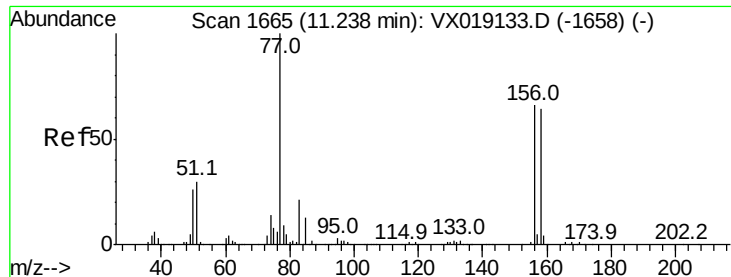
Tgt Ion: 75 Resp: 96407

Ion Ratio Lower Upper

75 100

77 31.8 20.3 60.9





#77

Bromobenzene

Concen: 18.491 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Instrument :

MSVOA_X

ClientSampleId :

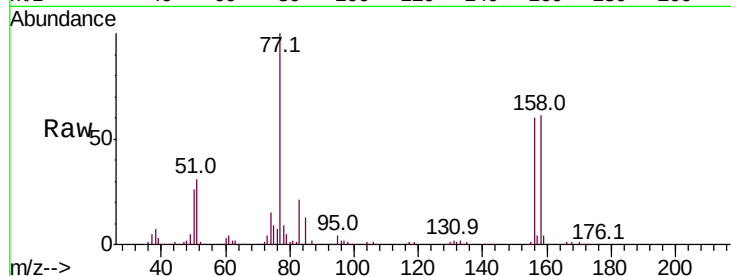
Tot Ion:156 Resp: 61941

Ion Ratio Lower Upper

156 100

77 168.1 77.7 233.1

158 96.6 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V

Time-->

11.20 11.25 11.30

11.24

11.25

11.26

11.27

11.28

11.29

11.30

11.31

11.32

11.33

11.34

11.35

11.36

11.37

11.38

11.39

11.40

11.41

11.42

11.43

11.44

11.45

11.46

11.47

11.48

11.49

11.50

11.51

11.52

11.53

11.54

11.55

11.56

11.57

11.58

11.59

11.60

11.61

11.62

11.63

11.64

11.65

11.66

11.67

11.68

11.69

11.70

11.71

11.72

11.73

11.74

11.75

11.76

11.77

11.78

11.79

11.80

11.81

11.82

11.83

11.84

11.85

11.86

11.87

11.88

11.89

11.90

11.91

11.92

11.93

11.94

11.95

11.96

11.97

11.98

11.99

12.00

12.01

12.02

12.03

12.04

12.05

12.06

12.07

12.08

12.09

12.10

12.11

12.12

12.13

12.14

12.15

12.16

12.17

12.18

12.19

12.20

12.21

12.22

12.23

12.24

12.25

12.26

12.27

12.28

12.29

12.30

12.31

12.32

12.33

12.34

12.35

12.36

12.37

12.38

12.39

12.40

12.41

12.42

12.43

12.44

12.45

12.46

12.47

12.48

12.49

12.50

12.51

12.52

12.53

12.54

12.55

12.56

12.57

12.58

12.59

12.60

12.61

12.62

12.63

12.64

12.65

12.66

12.67

12.68

12.69

12.70

12.71

12.72

12.73

12.74

12.75

12.76

12.77

12.78

12.79

12.80

12.81

12.82

12.83

12.84

12.85

12.86

12.87

12.88

12.89

12.90

12.91

12.92

12.93

12.94

12.95

12.96

12.97

12.98

12.99

13.00

13.01

13.02

13.03

13.04

13.05

13.06

13.07

13.08

13.09

13.10

13.11

13.12

13.13

13.14

13.15

13.16

13.17

13.18

13.19

13.20

13.21

13.22

13.23

13.24

13.25

13.26

13.27

13.28

13.29

13.30

13.31

13.32

13.33

13.34

13.35

13.36

13.37

13.38

13.39

13.40

13.41

13.42

13.43

13.44

13.45

13.46

13.47

13.48

13.49

13.50

13.51

13.52

13.53

13.54

13.55

13.56

13.57

13.58

13.59

13.60

13.61

13.62

13.63

13.64

13.65

13.66

13.67

13.68

13.69

13.70

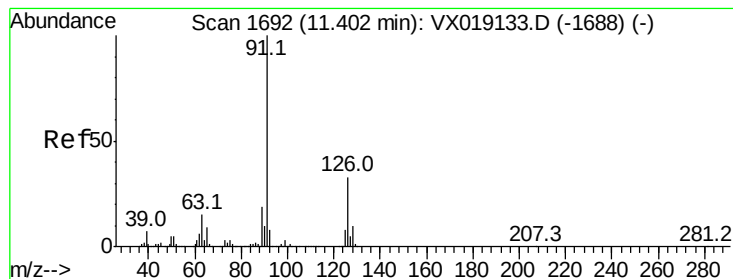
13.71

13.72

13.73

13.74

13.75



#79

2-Chlorotoluene

Concen: 19.491 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Instrument :

MSVOA_X

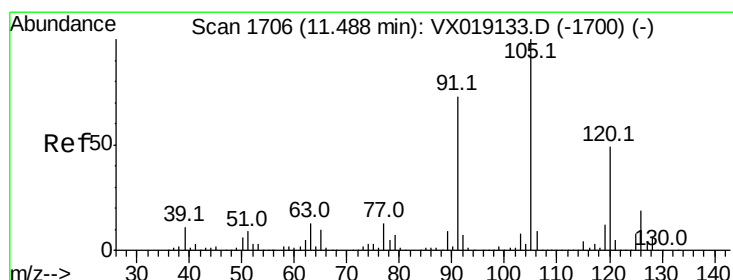
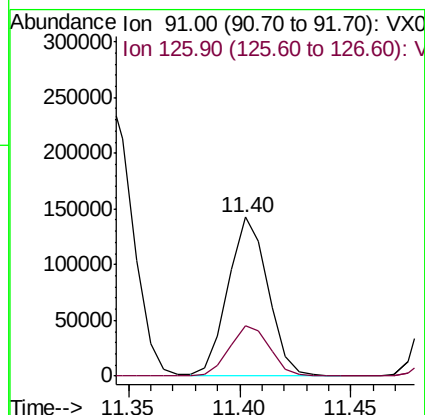
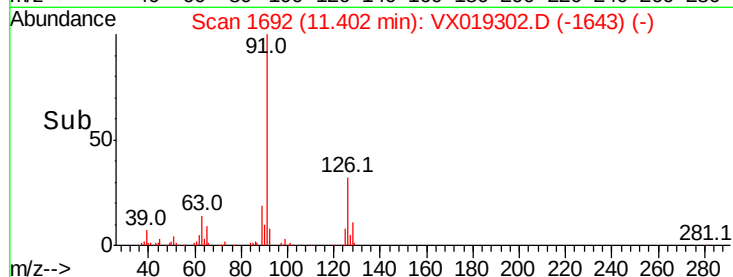
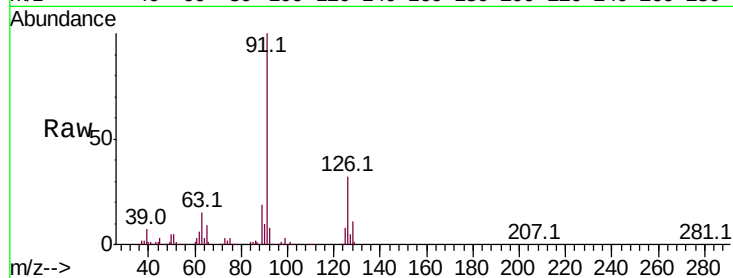
ClientSampled :

Tot Ion: 91 Resp: 176803

Ion Ratio Lower Upper

91 100

126 32.6 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 19.223 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019302.D

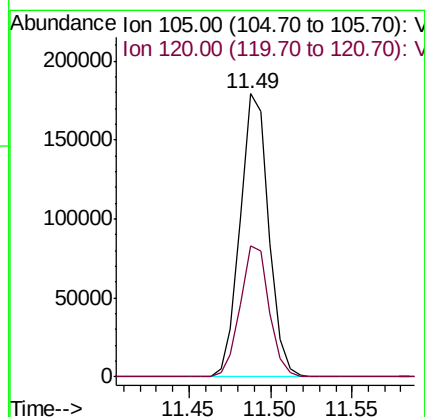
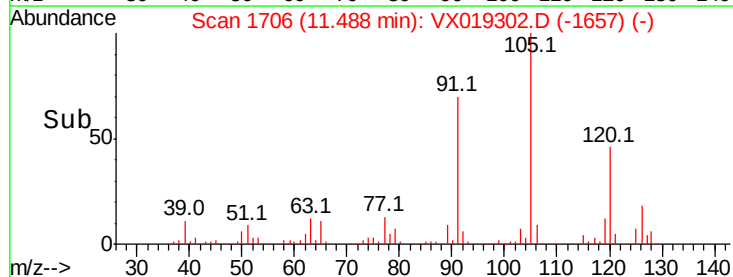
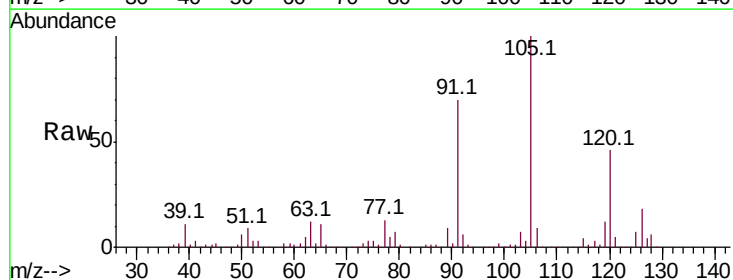
Acq: 05 Nov 2020 10:48

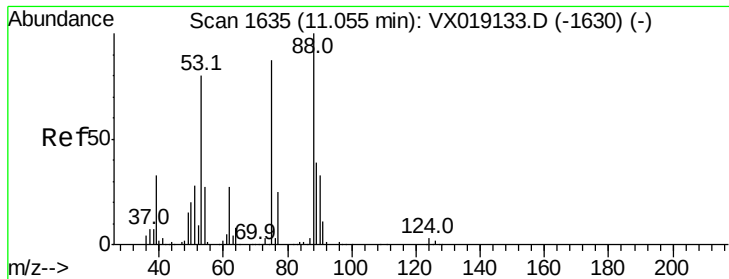
Tgt Ion: 105 Resp: 219187

Ion Ratio Lower Upper

105 100

120 47.0 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 16.967 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Instrument :

MSVOA_X

ClientSampleId :

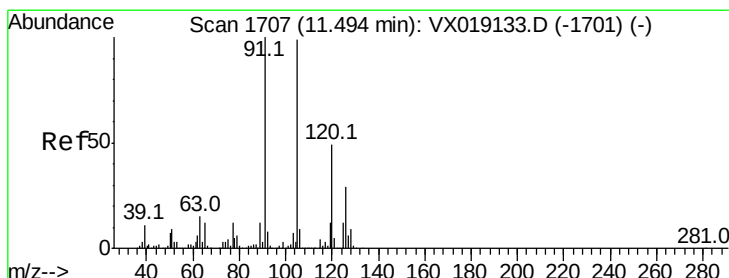
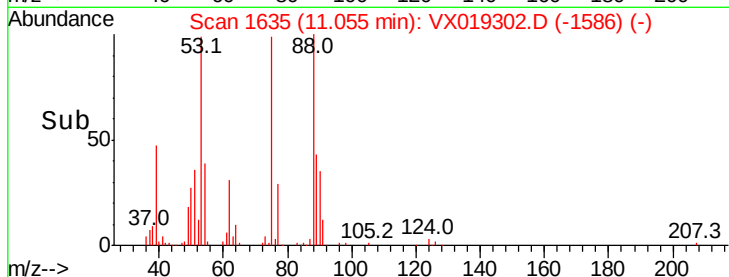
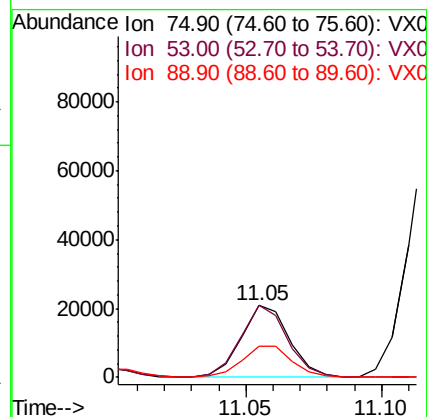
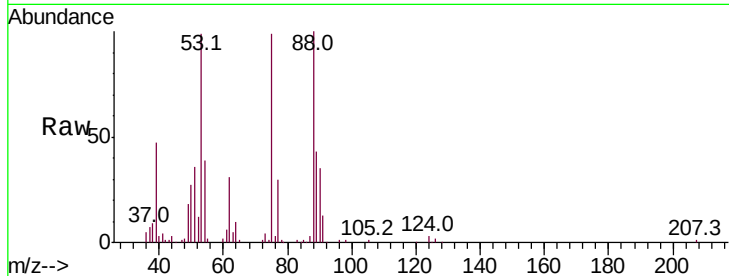
Tot Ion: 75 Resp: 25371

Ion Ratio Lower Upper

75 100

53 98.4 73.3 109.9

89 45.9 38.2 57.2



#82

4-Chlorotoluene

Concen: 19.187 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019302.D

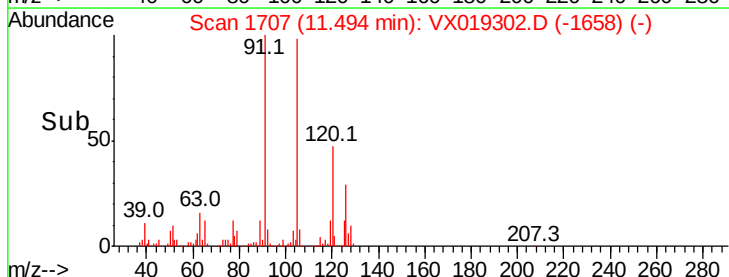
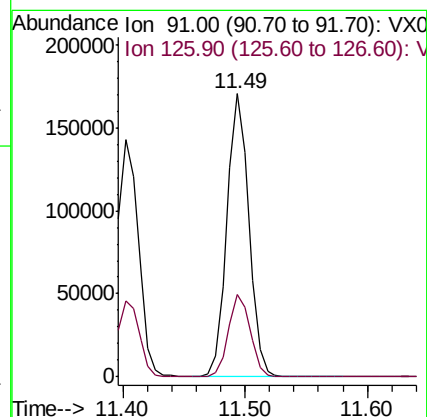
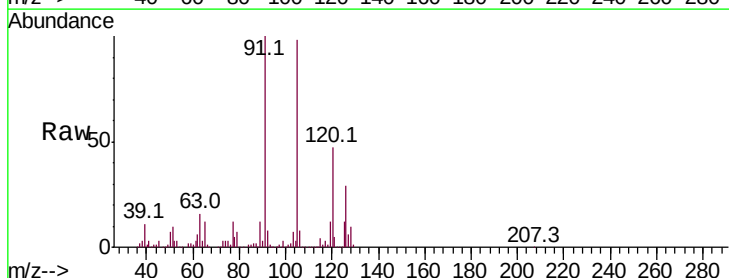
Acq: 05 Nov 2020 10:48

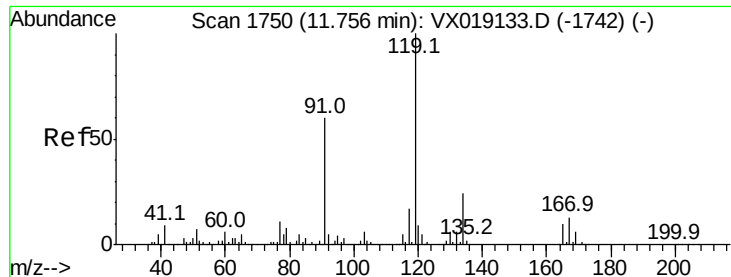
Tgt Ion: 91 Resp: 212538

Ion Ratio Lower Upper

91 100

126 28.9 14.8 44.4

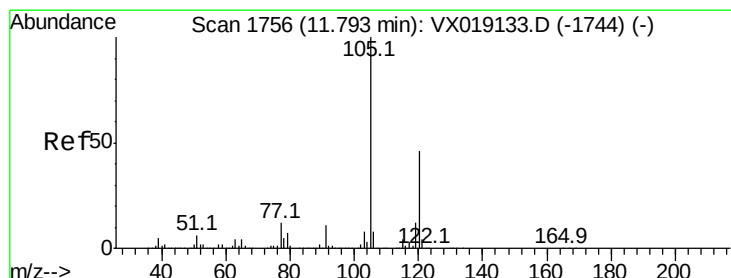
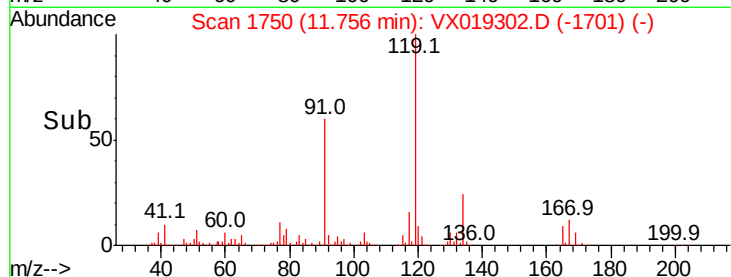
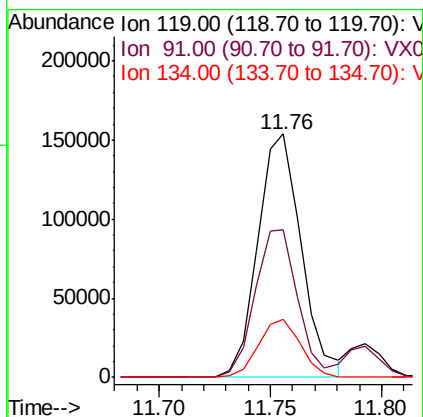
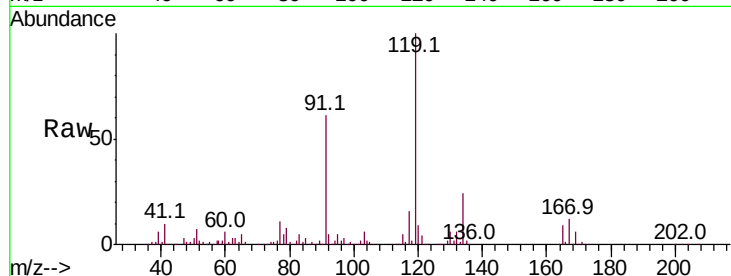




#83
tert-Butylbenzene
Concen: 19.120 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

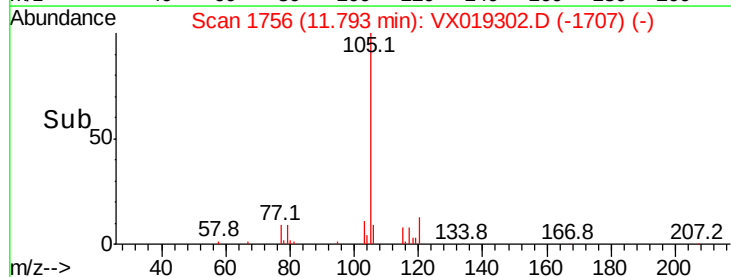
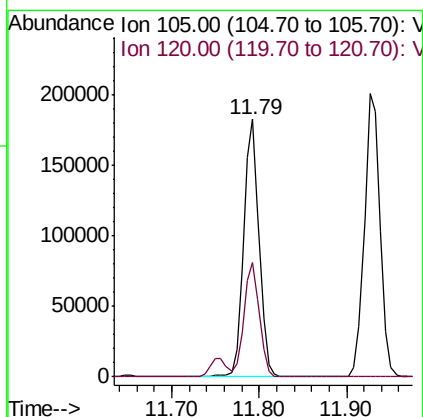
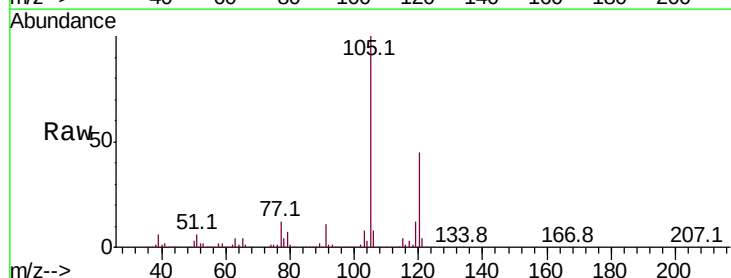
Instrument :
MSVOA_X
ClientSampleId :

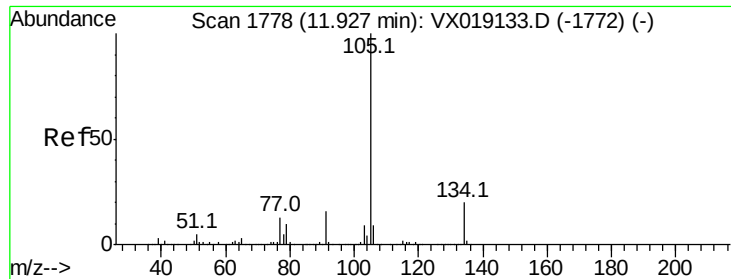
Tot Ion:119 Resp: 208752
Ion Ratio Lower Upper
119 100
91 59.3 29.0 87.1
134 23.2 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 19.402 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Tgt Ion:105 Resp: 223350
Ion Ratio Lower Upper
105 100
120 44.0 22.4 67.3





#85

sec-Butylbenzene

Concen: 19.237 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Instrument :

MSVOA_X

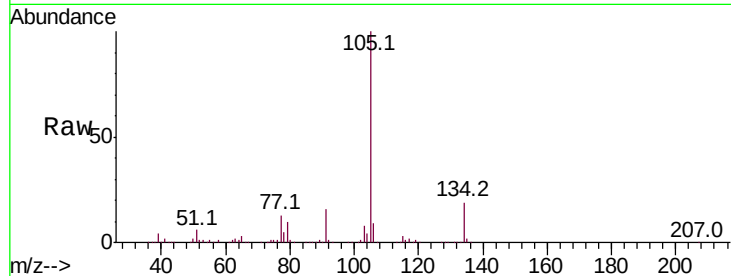
ClientSampleId :

Tot Ion:105 Resp: 251902

Ion Ratio Lower Upper

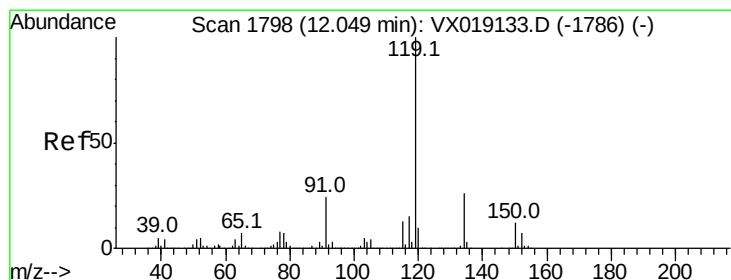
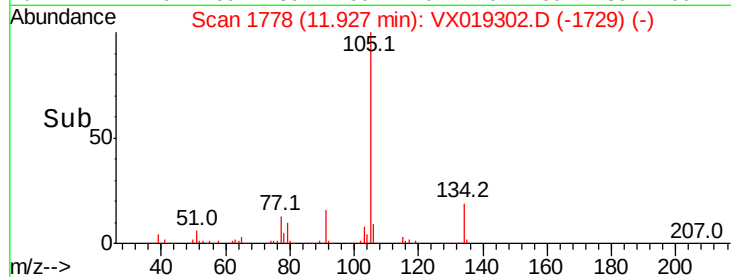
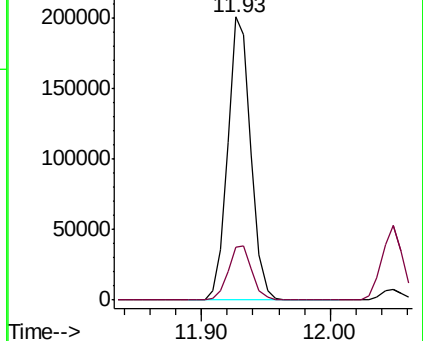
105 100

134 19.6 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.326 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

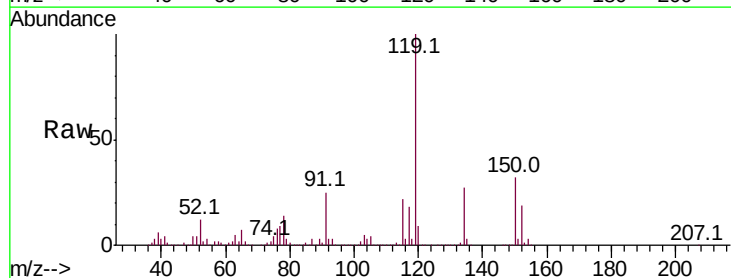
Tgt Ion:119 Resp: 233580

Ion Ratio Lower Upper

119 100

134 25.4 12.9 38.7

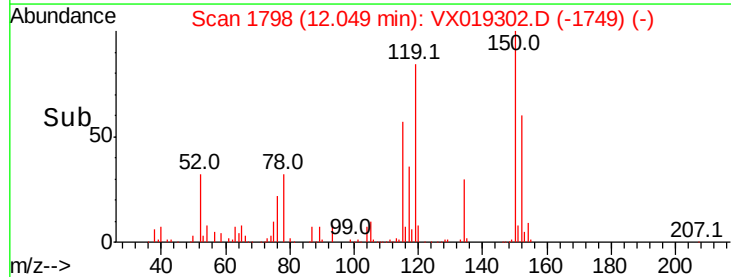
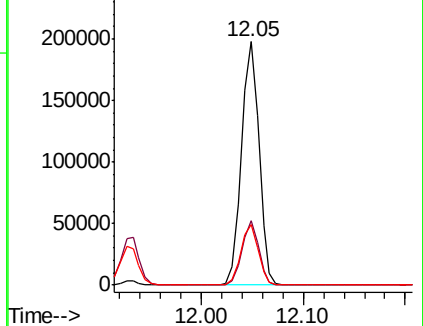
91 24.6 12.0 36.0

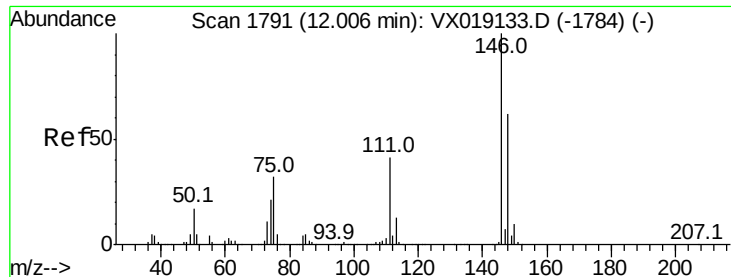


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

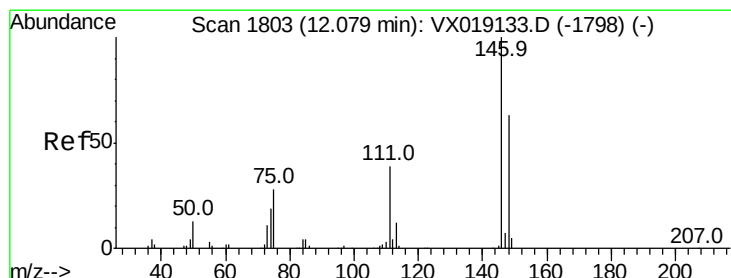
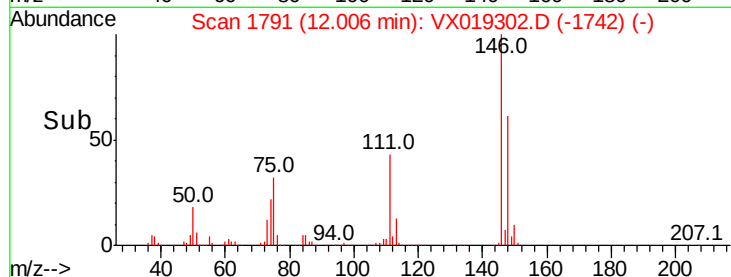
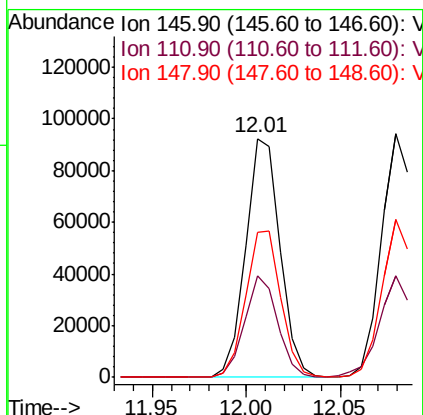
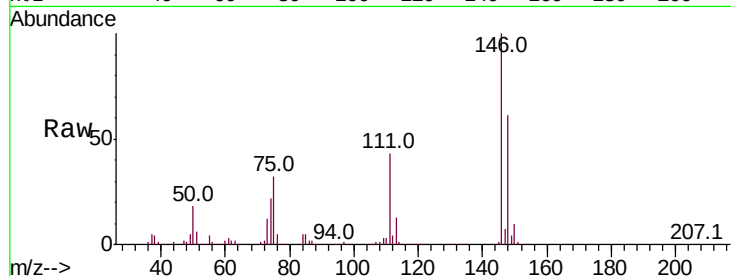




#87
 1,3-Dichlorobenzene
 Concen: 18.784 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019302.D
 Acq: 05 Nov 2020 10:48

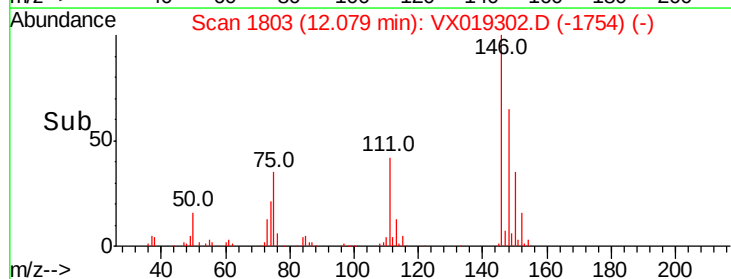
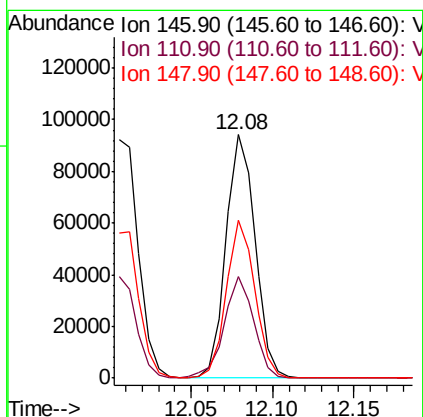
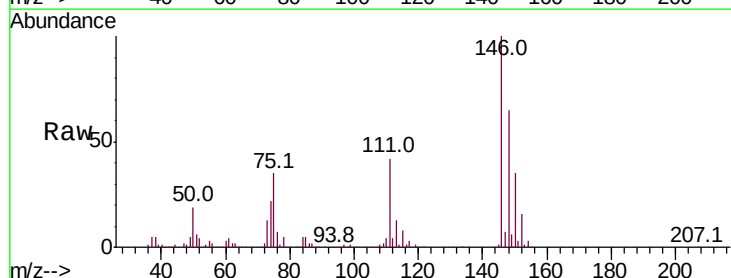
Instrument :
 MSVOA_X
 ClientSampleId :

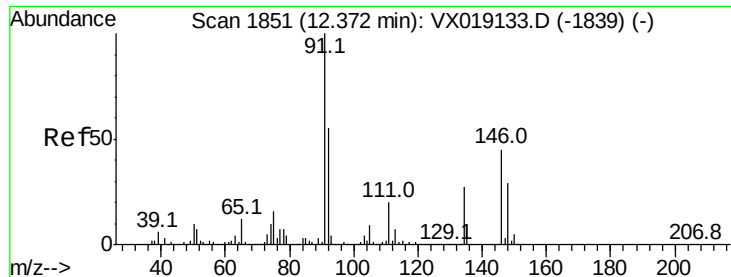
Tot Ion:146 Resp: 117181
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.4 61.2
 148 62.5 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 18.005 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019302.D
 Acq: 05 Nov 2020 10:48

Tgt Ion:146 Resp: 116921
 Ion Ratio Lower Upper
 146 100
 111 42.4 20.2 60.5
 148 63.2 31.3 93.8

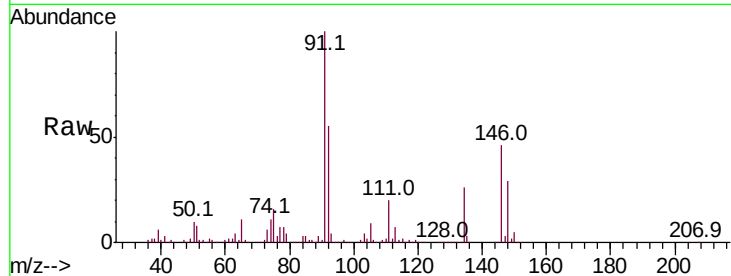




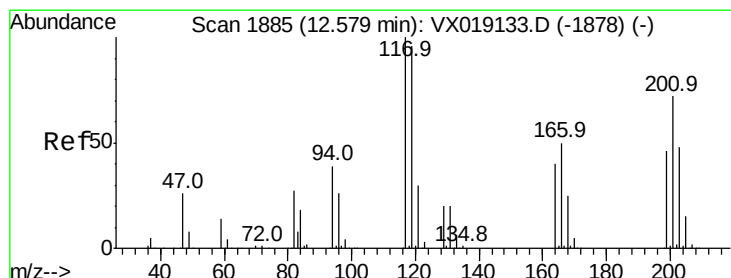
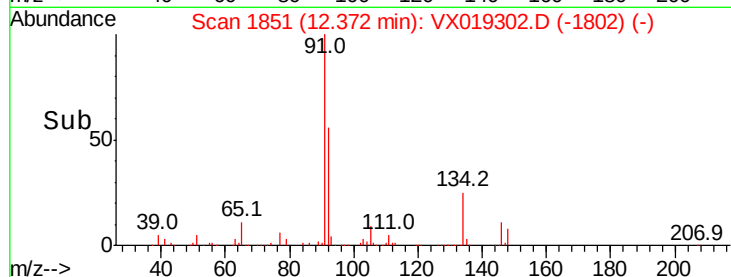
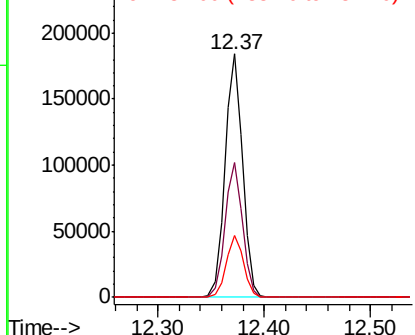
#89
n-Butylbenzene
Concen: 18.729 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 91 Resp: 212774
Ion Ratio Lower Upper
91 100
92 54.9 27.5 82.4
134 25.3 13.2 39.6

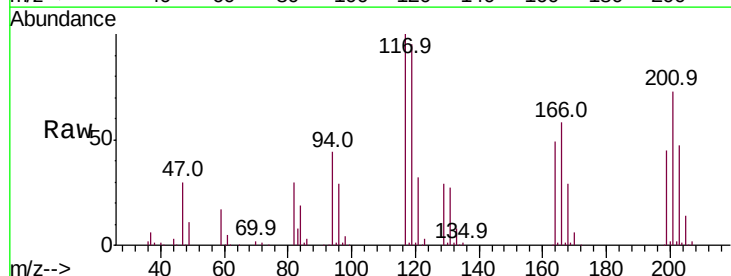


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V

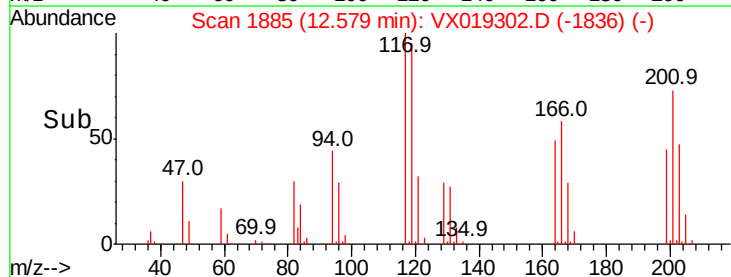
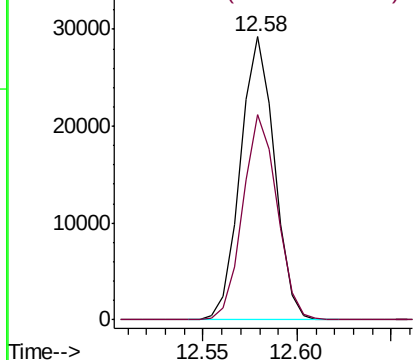


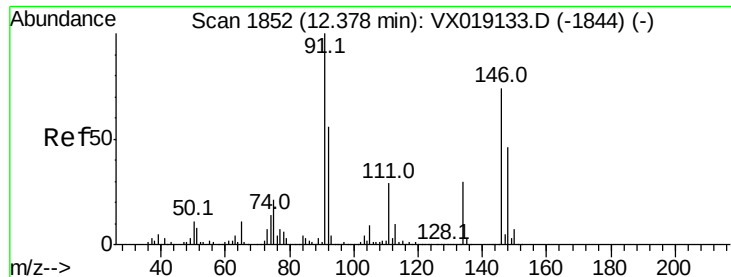
#90
Hexachloroethane
Concen: 17.817 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Tgt Ion: 117 Resp: 36602
Ion Ratio Lower Upper
117 100
201 73.2 38.5 115.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

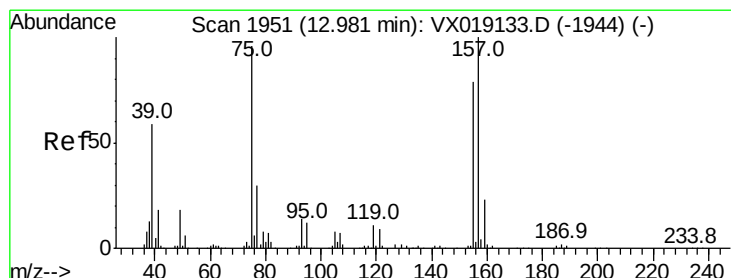
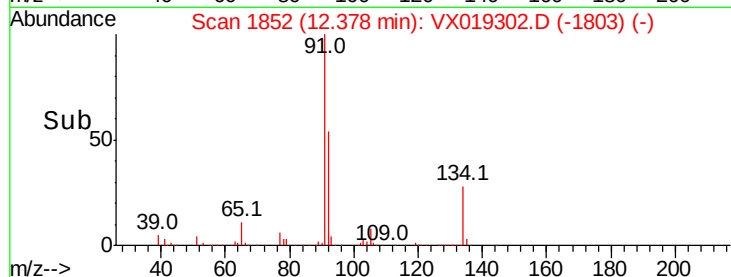
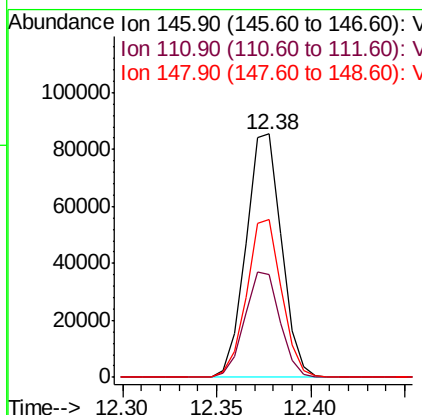
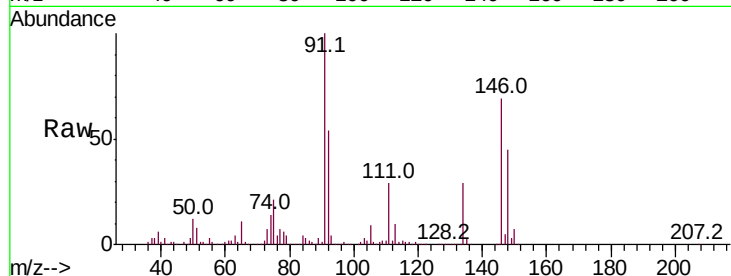




#91
 1,2-Dichlorobenzene
 Concen: 18.697 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX019302.D
 Acq: 05 Nov 2020 10:48

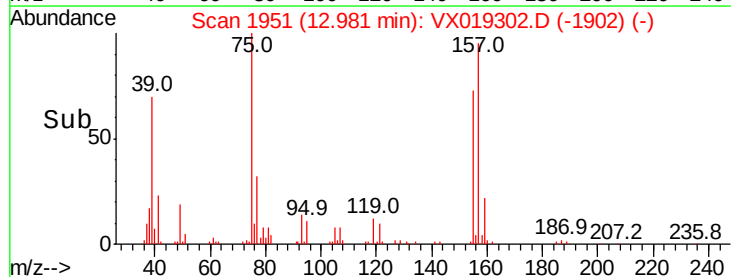
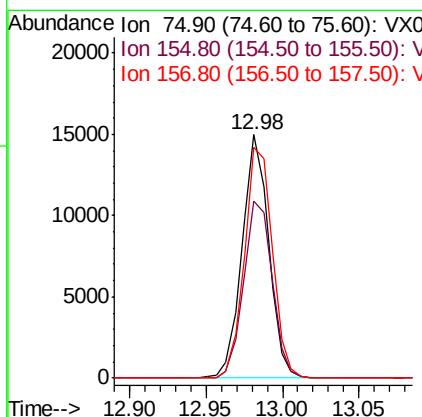
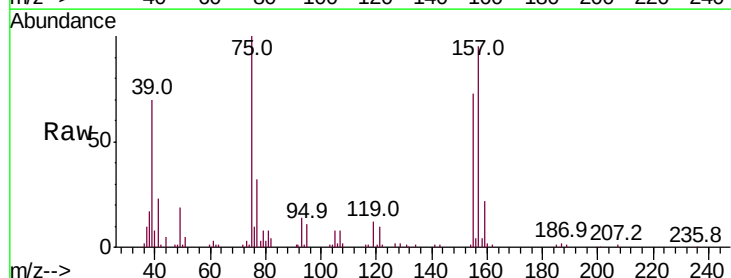
Instrument :
 MSVOA_X
 ClientSampleId :

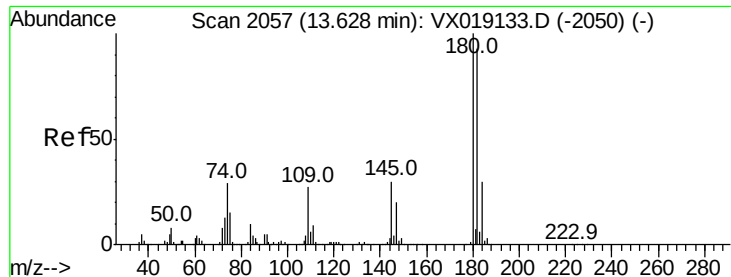
Tot Ion:146 Resp: 112000
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.2 63.6
 148 64.0 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.508 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019302.D
 Acq: 05 Nov 2020 10:48

Tgt Ion: 75 Resp: 18080
 Ion Ratio Lower Upper
 75 100
 155 78.2 42.8 128.4
 157 99.5 54.8 164.4

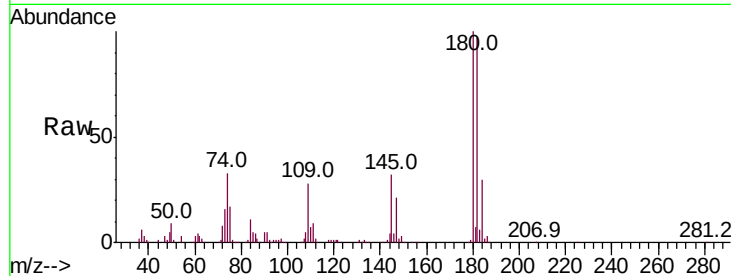




#93
1,2,4-Trichlorobenzene
Concen: 16.390 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	46.8	140.3
145	32.6	15.5	46.5

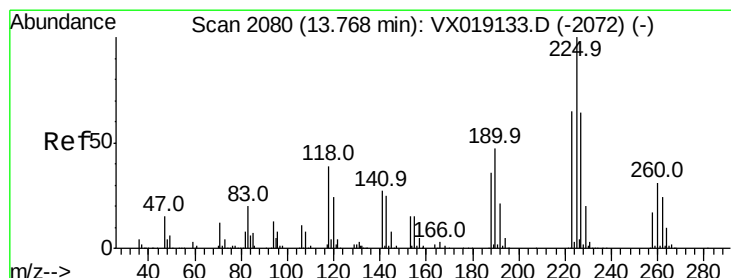
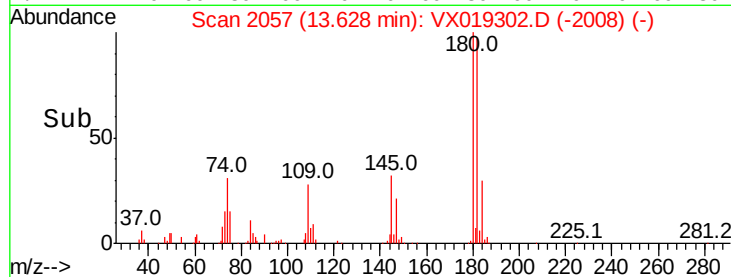
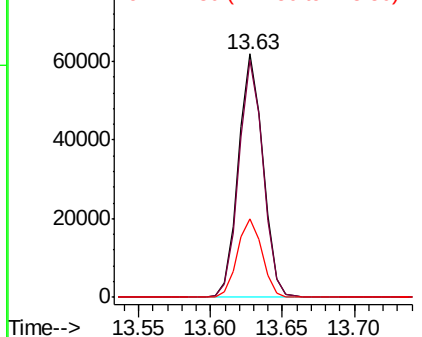


Abundance

Ion 179.80 (179.50 to 180.50): V

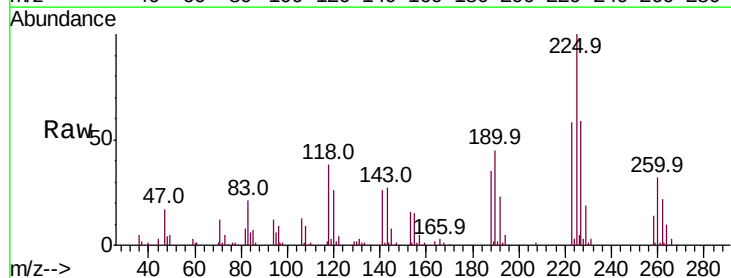
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
Hexachlorobutadiene
Concen: 16.725 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	32.4	97.2
227	62.7	31.6	94.7

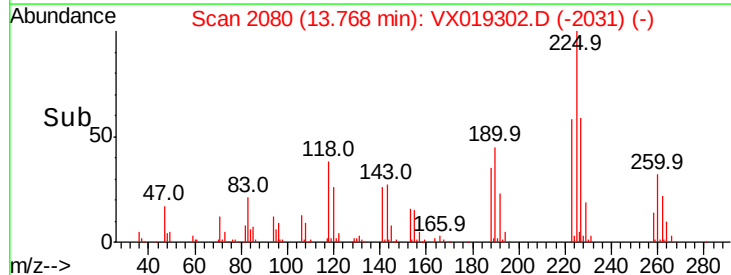
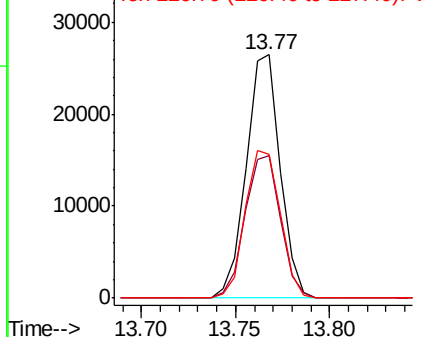


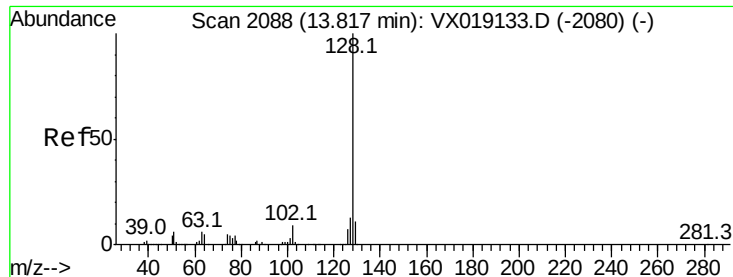
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

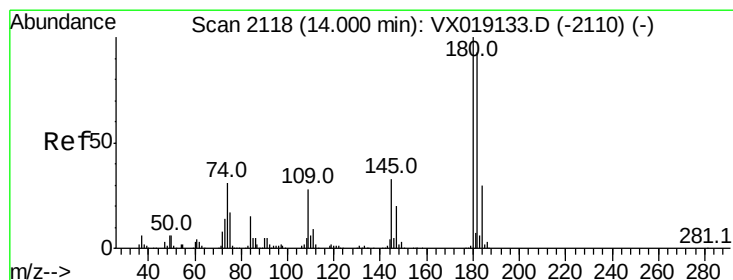
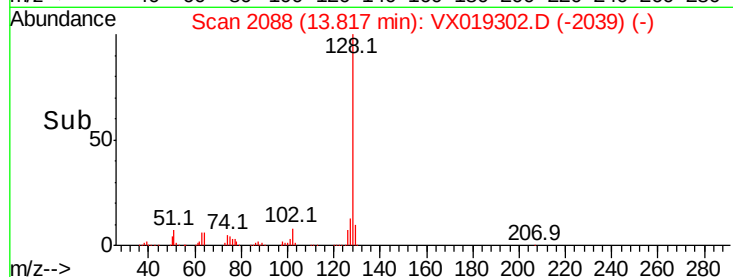
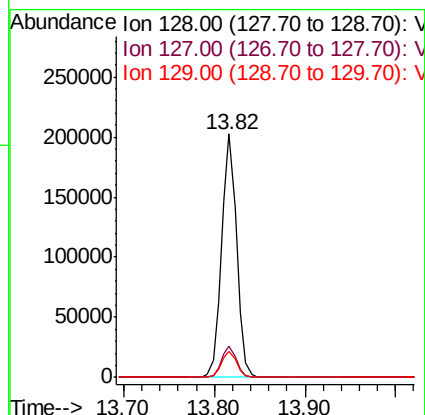
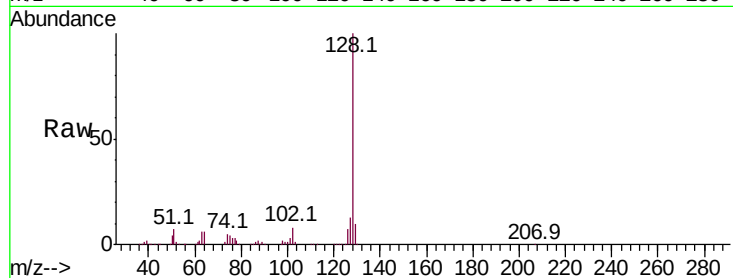




#95
Naphthalene
Concen: 16.545 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp: 234459
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 16.506 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Tgt Ion:180 Resp: 72050
Ion Ratio Lower Upper
180 100
182 94.3 47.8 143.3
145 33.8 16.5 49.5

