

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110620\
 Data File : VX019298.D
 Acq On : 05 Nov 2020 02:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 05 03:37:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	249975	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	429435	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	390304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	201581	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	162957	50.55	ug/l	0.00
Spiked Amount			Recovery	=	101.10%	
35) Dibromofluoromethane	5.46	113	127650	47.32	ug/l	0.00
Spiked Amount			Recovery	=	94.64%	
50) Toluene-d8	8.70	98	490462	48.23	ug/l	0.00
Spiked Amount			Recovery	=	96.46%	
62) 4-Bromofluorobenzene	11.12	95	185167	48.08	ug/l	0.00
Spiked Amount			Recovery	=	96.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	107103	51.394	ug/l	99
3) Chloromethane	1.31	50	118696	50.982	ug/l	100
4) Vinyl Chloride	1.39	62	145248	53.795	ug/l	99
5) Bromomethane	1.64	94	87242	47.313	ug/l	98
6) Chloroethane	1.71	64	97210	56.389	ug/l	98
7) Trichlorofluoromethane	1.92	101	227039	53.524	ug/l	97
8) Diethyl Ether	2.17	74	88777	54.532	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.37	101	123400	52.485	ug/l	98
10) Methyl Iodide	2.50	142	88153	34.091	ug/l	99
11) Tert butyl alcohol	3.02	59	148806	233.702	ug/l	100
12) 1,1-Dichloroethene	2.36	96	123166	50.836	ug/l	96
13) Acrolein	2.27	56	79676	279.199	ug/l	100
14) Allyl chloride	2.71	41	195714	53.332	ug/l	99
15) Acrylonitrile	3.11	53	357287	267.029	ug/l	99
16) Acetone	2.42	43	285680	256.875	ug/l	99
17) Carbon Disulfide	2.55	76	336771	48.783	ug/l	100
18) Methyl Acetate	2.75	43	150289	55.572	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	455104	54.213	ug/l	99
20) Methylene Chloride	2.84	84	146984	52.644	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	143155	51.340	ug/l	95
22) Diisopropyl ether	3.82	45	424914	58.081	ug/l	98
23) Vinyl Acetate	3.78	43	1838610	281.820	ug/l	97
24) 1,1-Dichloroethane	3.67	63	255650	55.968	ug/l	100
25) 2-Butanone	4.64	43	462685	263.980	ug/l	99
26) 2,2-Dichloropropane	4.55	77	195200	45.457	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	165315	53.055	ug/l	98
28) Bromochloromethane	4.98	49	111852	53.864	ug/l	92
29) Tetrahydrofuran	5.09	42	302937	274.261	ug/l	98
30) Chloroform	5.18	83	270142	55.562	ug/l	99
31) Cyclohexane	5.55	56	220204	54.037	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	240001	54.446	ug/l	99
36) 1,1-Dichloropropene	5.77	75	201621	50.844	ug/l	98
37) Ethyl Acetate	4.79	43	188059	51.077	ug/l	99
38) Carbon Tetrachloride	5.76	117	206632	51.121	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	233813	49.311	ug/l	96
40) Benzene	6.11	78	592597	52.706	ug/l	100
41) Methacrylonitrile	5.00	41	104124	52.513	ug/l	97
42) 1,2-Dichloroethane	6.16	62	218393	52.704	ug/l	100
43) Isopropyl Acetate	6.41	43	317675	51.529	ug/l	99
44) Trichloroethene	7.19	130	158519	49.229	ug/l	96
45) 1,2-Dichloropropane	7.49	63	150559	54.671	ug/l	100
46) Dibromomethane	7.63	93	104215	51.175	ug/l	97
47) Bromodichloromethane	7.87	83	213470	53.183	ug/l	99
48) Methyl methacrylate	7.74	41	156862	52.864	ug/l	98
49) 1,4-Dioxane	7.73	88	60671	919.409	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	946840	267.216	ug/l	99
52) Toluene	8.76	92	378386	52.252	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	227511	49.625	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	245769	50.979	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	149992	52.423	ug/l	99
56) Ethyl methacrylate	9.16	69	228741	52.928	ug/l	98
57) 1,3-Dichloropropane	9.35	76	251903	52.219	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	608126	251.606	ug/l	96
59) 2-Hexanone	9.47	43	703258	260.733	ug/l	99
60) Dibromochloromethane	9.56	129	158529	51.054	ug/l	99
61) 1,2-Dibromoethane	9.65	107	155933	50.964	ug/l	100
64) Tetrachloroethene	9.32	164	145746	49.012	ug/l	97
65) Chlorobenzene	10.12	112	393158	49.284	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	145012	50.493	ug/l	99
67) Ethyl Benzene	10.23	91	723048	50.865	ug/l	99
68) m/p-Xylenes	10.34	106	541833	101.559	ug/l	97
69) o-Xylene	10.68	106	256767	50.741	ug/l	100
70) Styrene	10.70	104	439389	50.889	ug/l	99
71) Bromoform	10.84	173	110652	48.595	ug/l	99
73) Isopropylbenzene	11.00	105	697863	48.908	ug/l	99
74) N-amyl acetate	10.88	43	270136	51.779	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	225145	50.488	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	254822	61.223	ug/l	86
77) Bromobenzene	11.24	156	166181	46.926	ug/l	93
78) n-propylbenzene	11.34	91	801356	49.198	ug/l	99
79) 2-Chlorotoluene	11.40	91	475028	49.536	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	586904	48.688	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	68496	43.330	ug/l	96
82) 4-Chlorotoluene	11.49	91	568979	48.588	ug/l	99
83) tert-Butylbenzene	11.76	119	564885	48.942	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	593692	48.785	ug/l	100
85) sec-Butylbenzene	11.93	105	672860	48.606	ug/l	100
86) p-Isopropyltoluene	12.05	119	624247	48.856	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	307534	46.631	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	315231	45.918	ug/l	98
89) n-Butylbenzene	12.37	91	569705	47.436	ug/l	99
90) Hexachloroethane	12.58	117	104289	48.020	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	298701	47.168	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	50275	46.053	ug/l	95

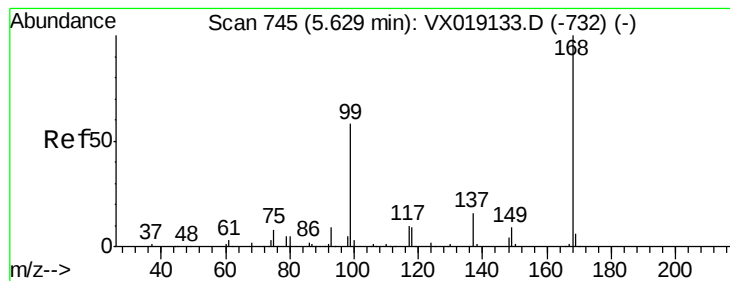
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	206621	43.438	ug/l	98
94) Hexachlorobutadiene	13.76	225	84503	40.356	ug/l	98
95) Naphthalene	13.82	128	681039	45.459	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	202758	43.939	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

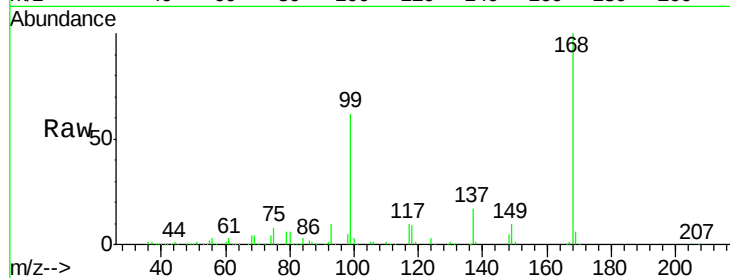
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 249975

Ion Ratio Lower Upper

168 100

99 61.9 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

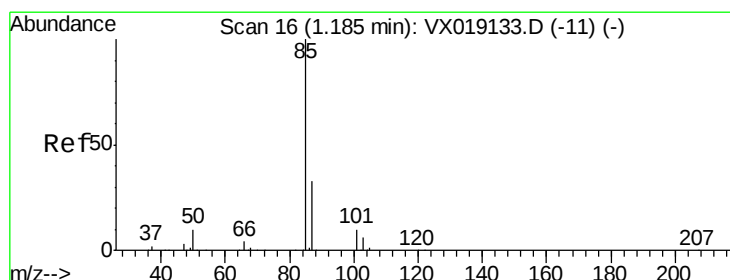
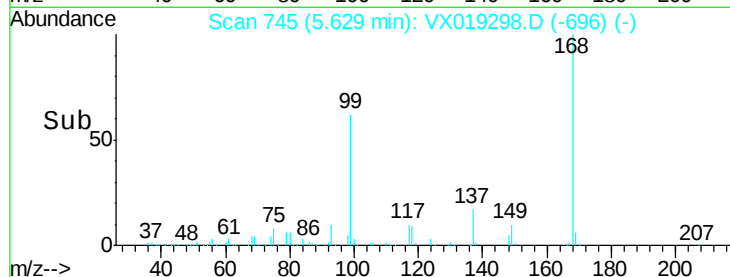
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.394 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019298.D

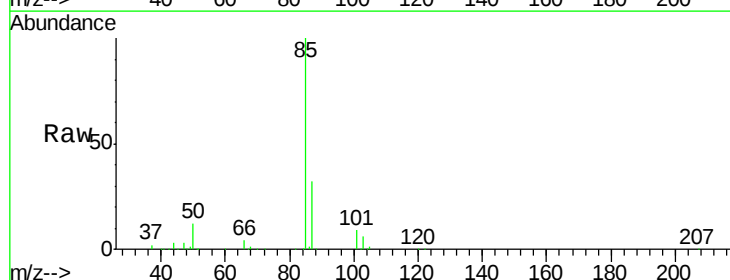
Acq: 05 Nov 2020 02:24

Tgt Ion: 85 Resp: 107103

Ion Ratio Lower Upper

85 100

87 32.5 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

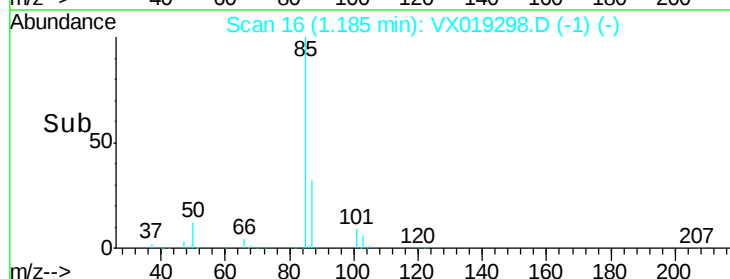
1.18

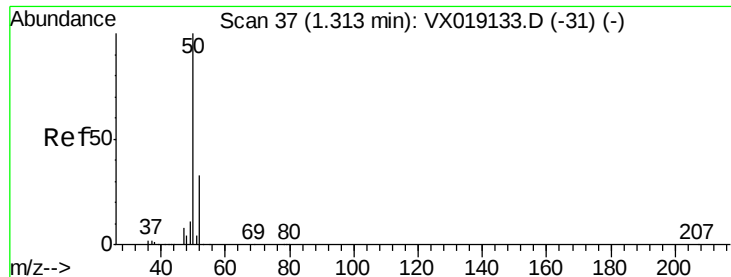
100000

50000

0

Time-->





#3

Chloromethane

Concen: 50.982 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Instrument :

MSVOA_X

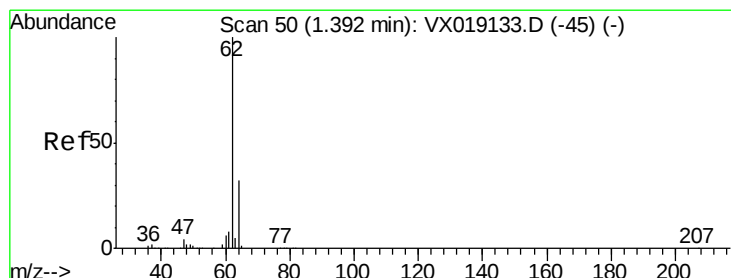
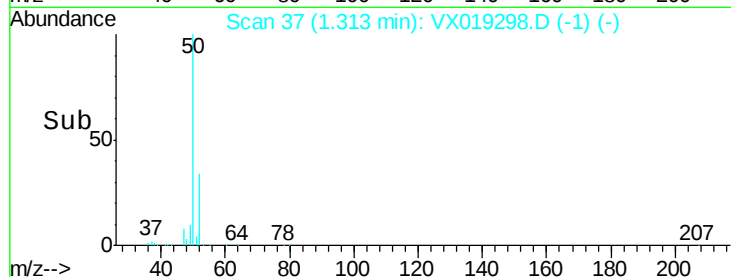
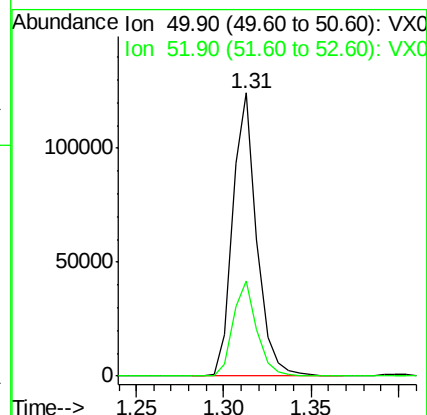
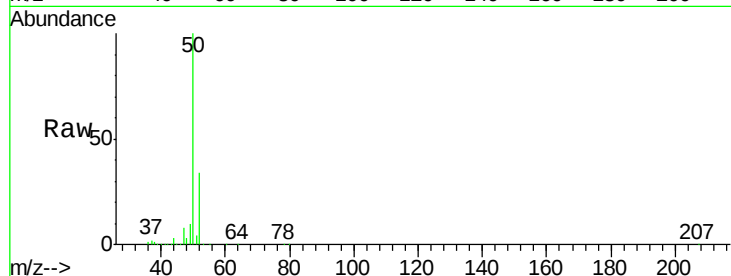
ClientSampleId :

Tot Ion: 50 Resp: 118696

Ion Ratio Lower Upper

50 100

52 33.6 26.8 40.2



#4

Vinyl Chloride

Concen: 53.795 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019298.D

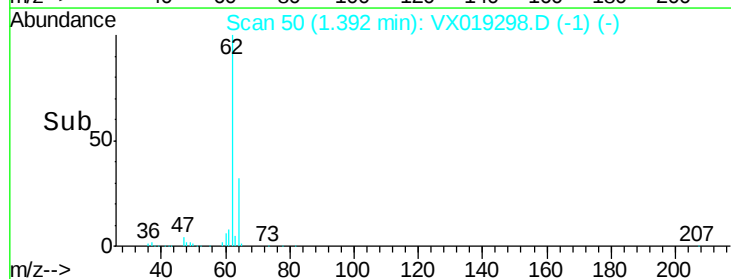
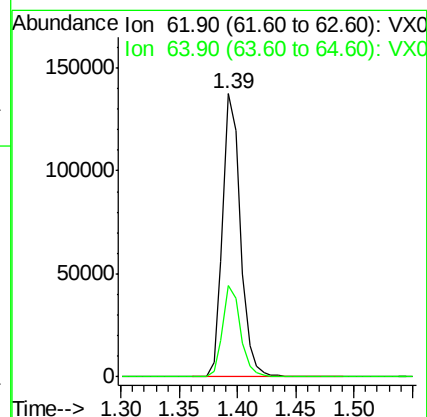
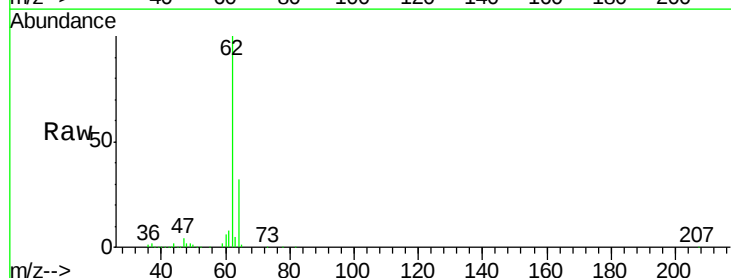
Acq: 05 Nov 2020 02:24

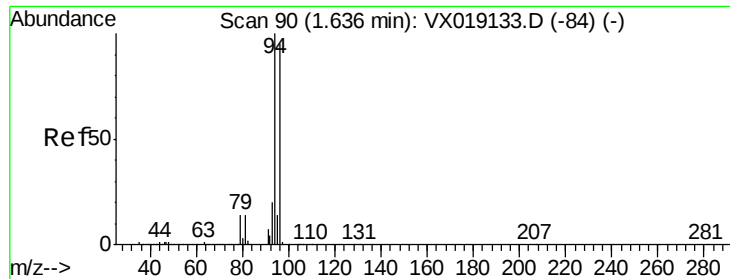
Tgt Ion: 62 Resp: 145248

Ion Ratio Lower Upper

62 100

64 32.5 25.4 38.0





#5

Bromomethane

Concen: 47.313 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

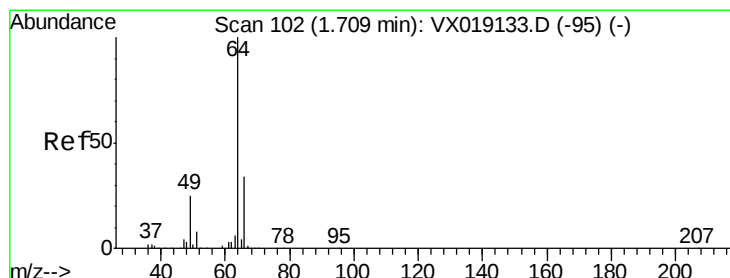
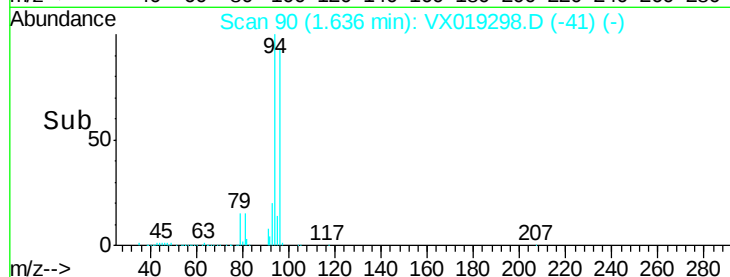
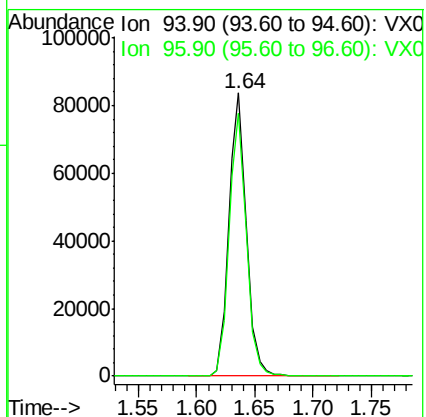
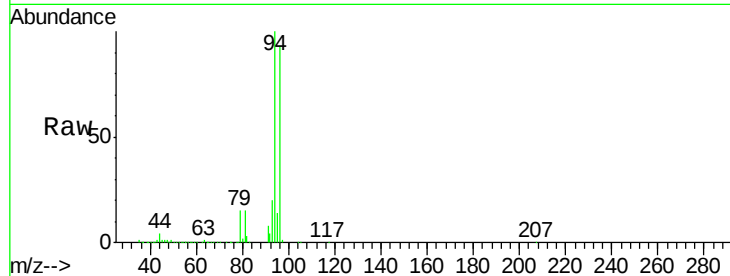
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 87242

Ion Ratio Lower Upper

94 100

96 92.8 76.0 114.0



#6

Chloroethane

Concen: 56.389 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX019298.D

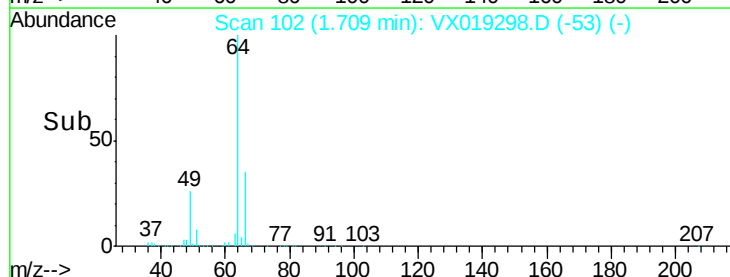
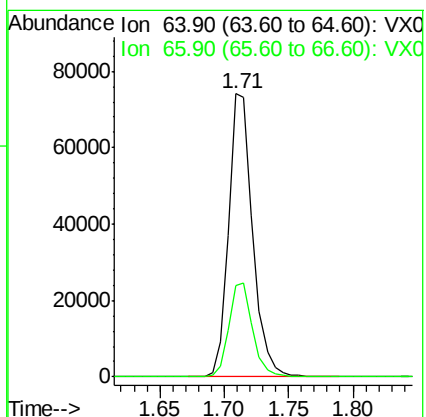
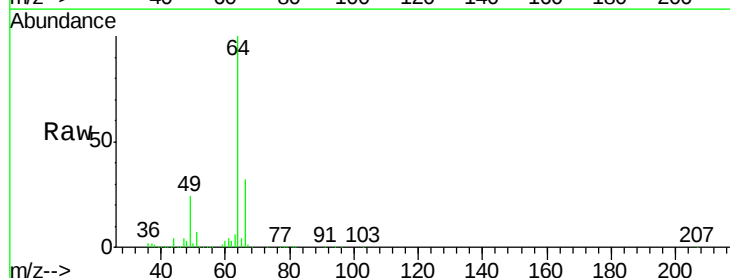
Acq: 05 Nov 2020 02:24

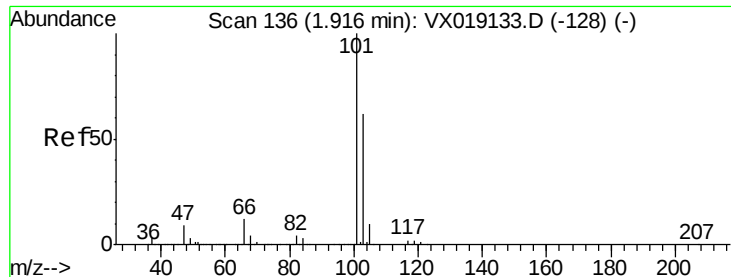
Tgt Ion: 64 Resp: 97210

Ion Ratio Lower Upper

64 100

66 32.5 27.1 40.7



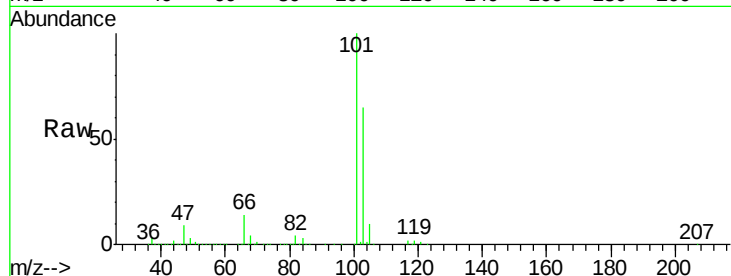


#7

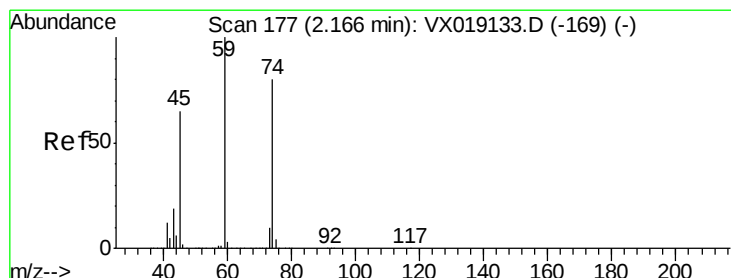
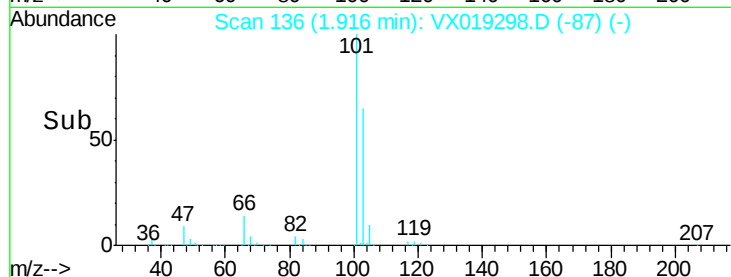
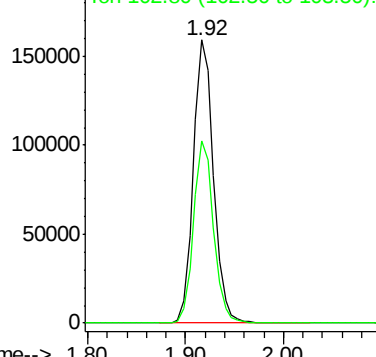
Trichlorofluoromethane
Concen: 53.524 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:101 Resp: 227039
Ion Ratio Lower Upper
101 100
103 64.5 50.0 75.0



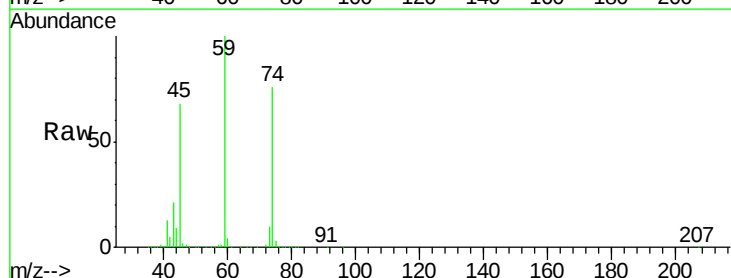
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



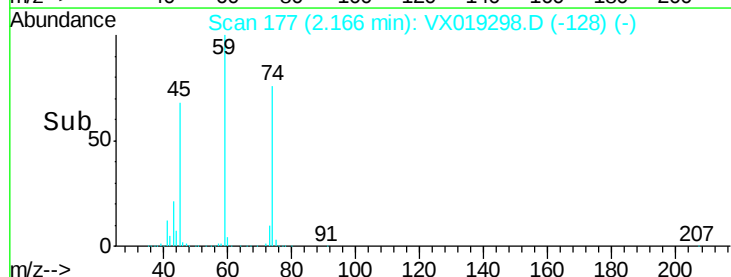
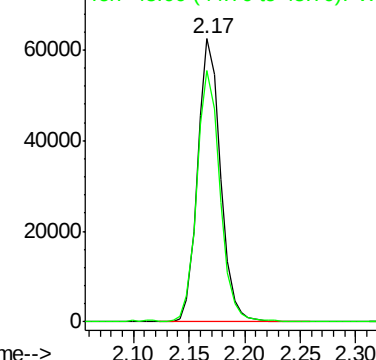
#8

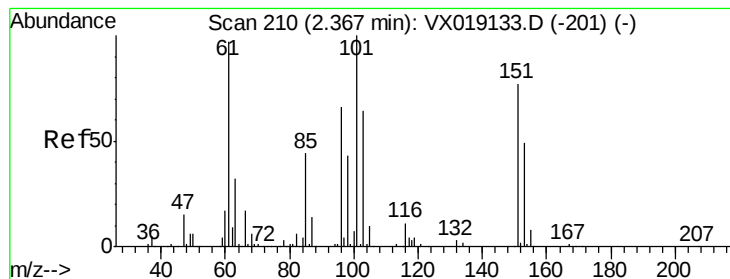
Diethyl Ether
Concen: 54.532 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Tgt Ion: 74 Resp: 88777
Ion Ratio Lower Upper
74 100
45 89.8 41.0 123.0



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.485 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Instrument :

MSVOA_X

ClientSampled :

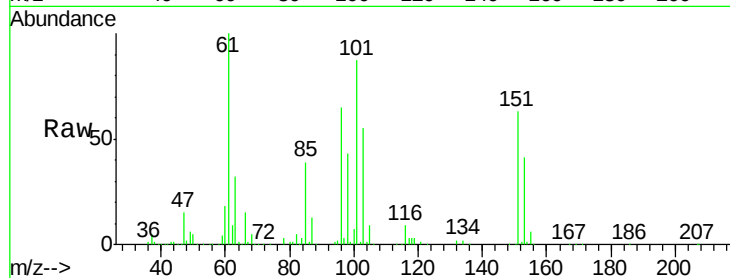
Tot Ion:101 Resp: 123400

Ion Ratio Lower Upper

101 100

85 44.5 35.0 52.4

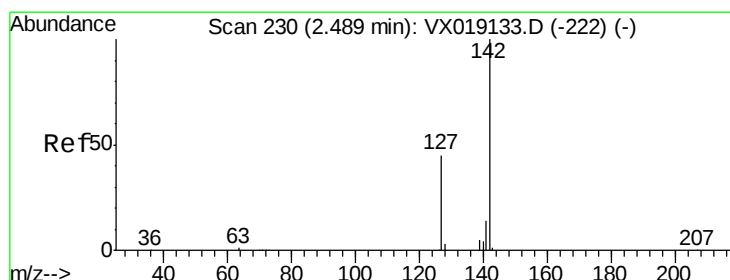
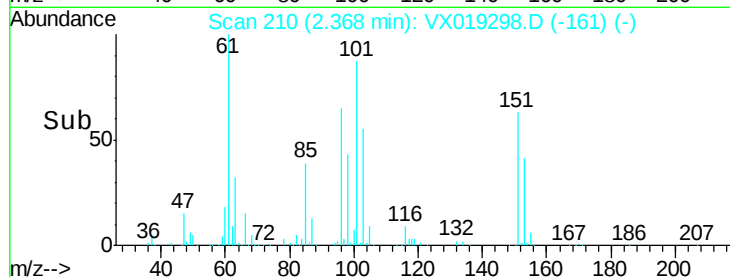
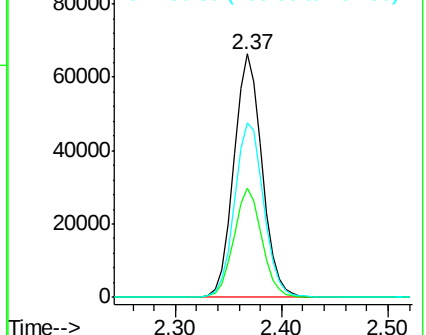
151 74.3 61.4 92.2



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: 34.091 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

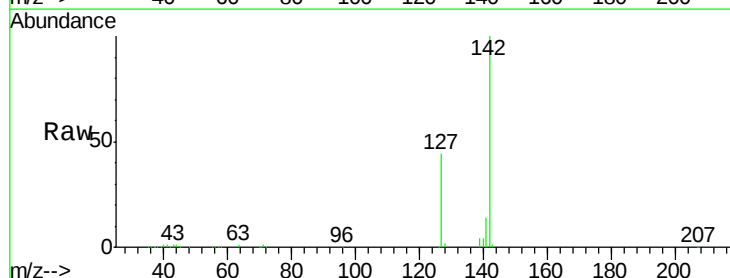
Tgt Ion:142 Resp: 88153

Ion Ratio Lower Upper

142 100

127 45.9 36.1 54.1

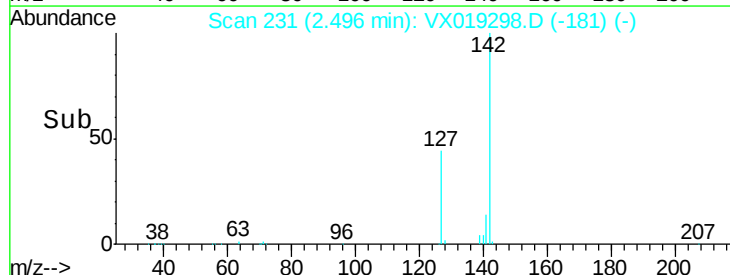
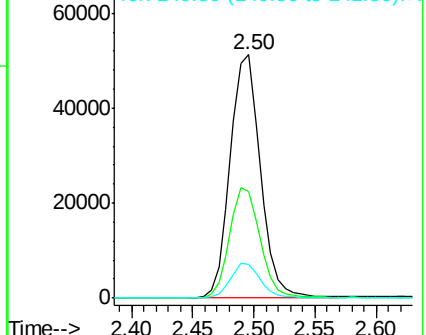
141 14.1 11.3 16.9

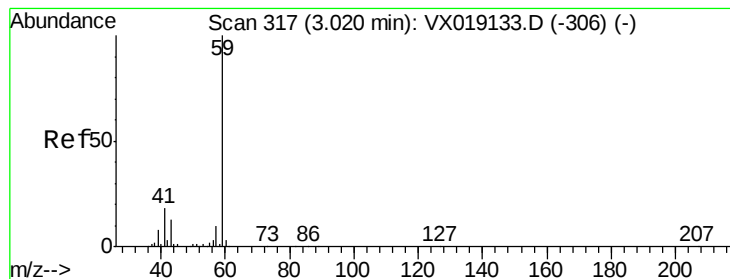


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



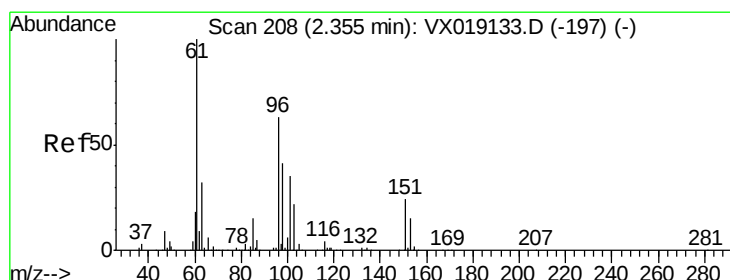
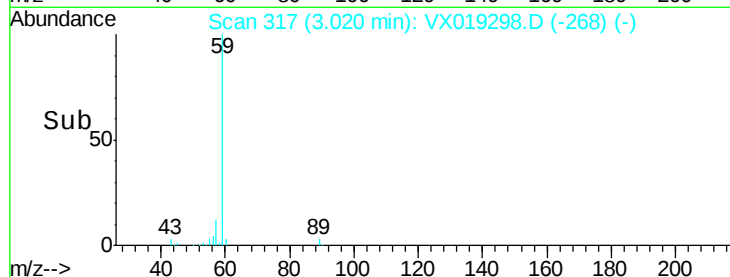
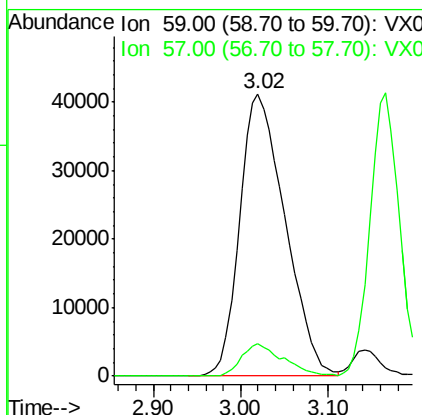
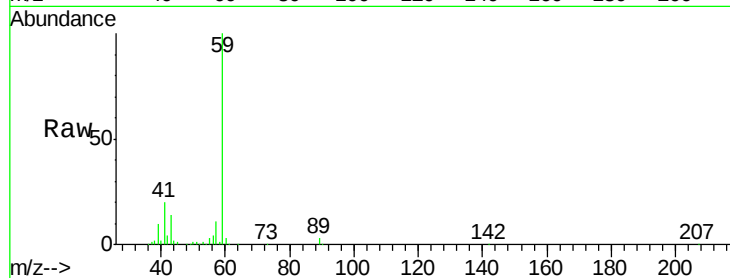


#11

Tert butyl alcohol
 Concen: 233.702 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. 0.00 min
 Lab File: VX019298.D
 Acq: 05 Nov 2020 02:24

Instrument :
 MSVOA_X
 ClientSampleId :

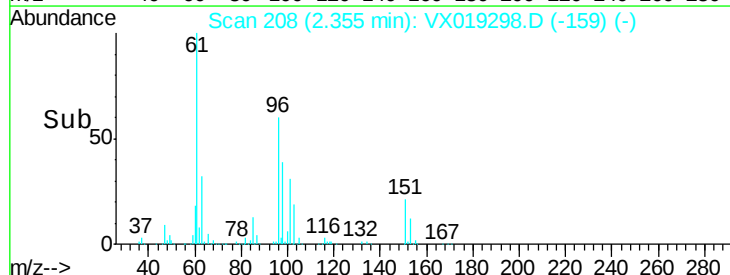
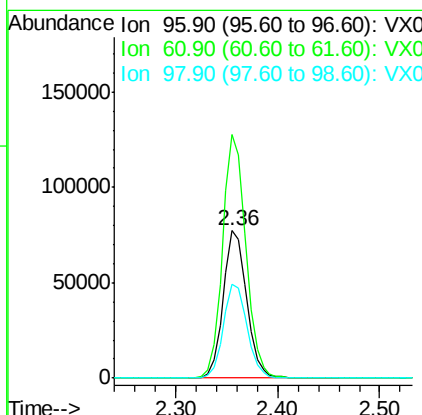
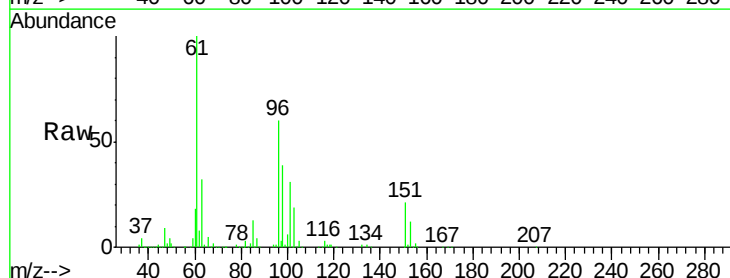
Tot Ion: 59 Resp: 148806
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.4 12.6

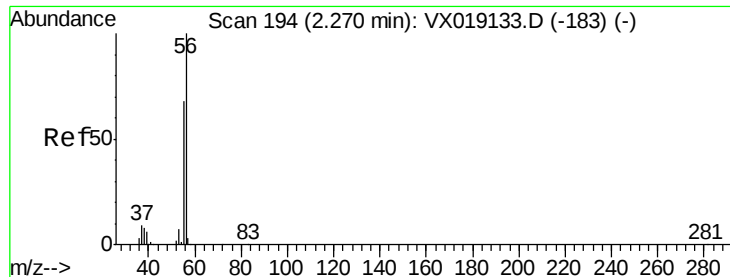


#12

1,1-Dichloroethene
 Concen: 50.836 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX019298.D
 Acq: 05 Nov 2020 02:24

Tgt Ion: 96 Resp: 123166
 Ion Ratio Lower Upper
 96 100
 61 165.6 127.7 191.5
 98 64.2 52.1 78.1





#13

Acrolein

Concen: 279.199 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Instrument :

MSVOA_X

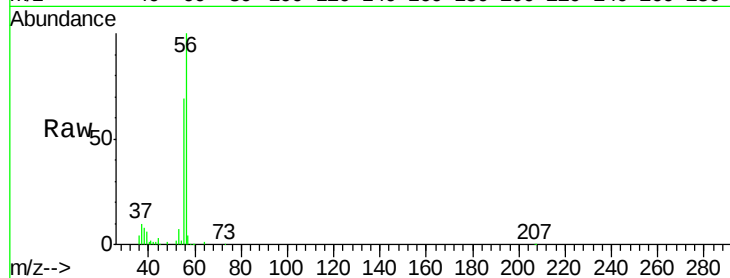
ClientSampled :

Tot Ion: 56 Resp: 79676

Ion Ratio Lower Upper

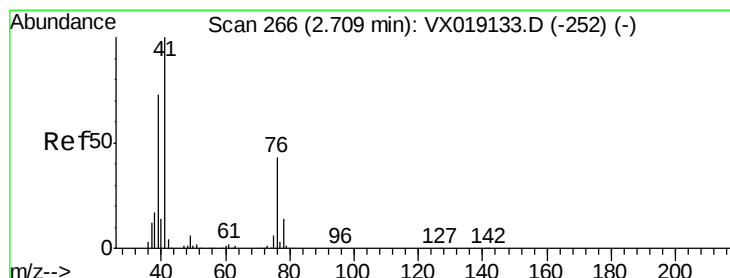
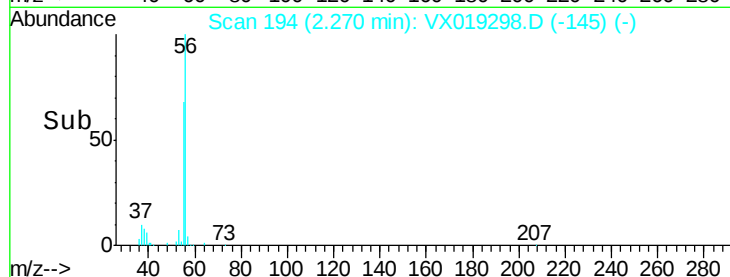
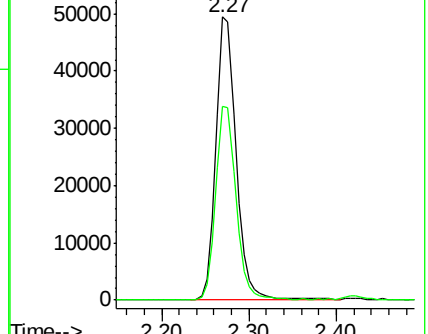
56 100

55 68.2 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 53.332 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

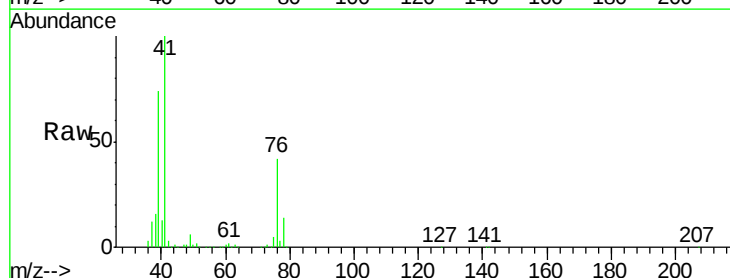
Tgt Ion: 41 Resp: 195714

Ion Ratio Lower Upper

41 100

39 69.2 55.2 82.8

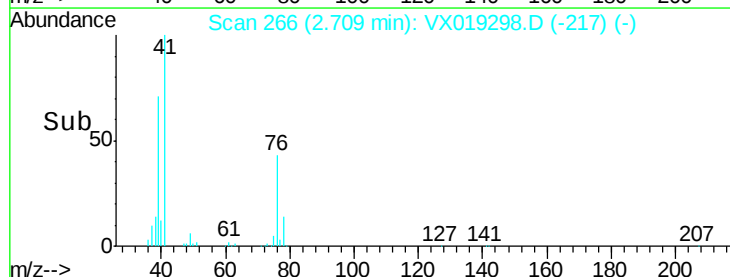
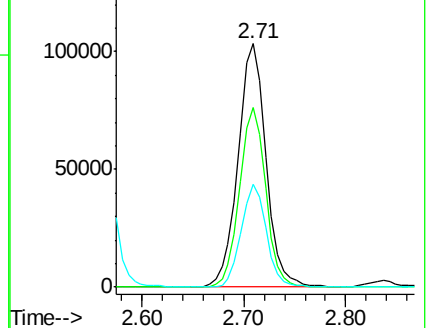
76 38.3 31.5 47.3

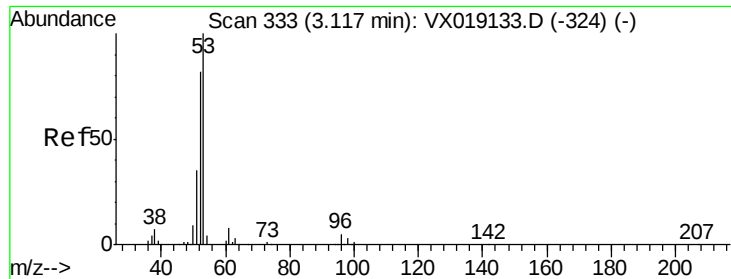


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 267.029 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Instrument :

MSVOA_X

ClientSampled :

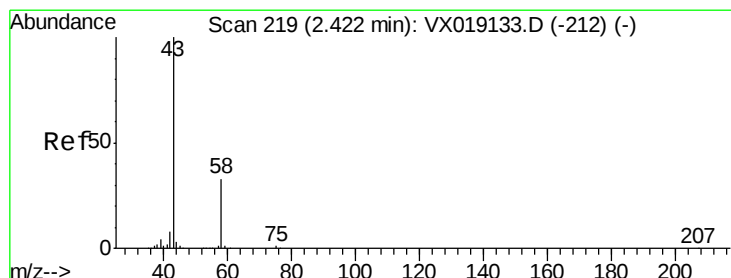
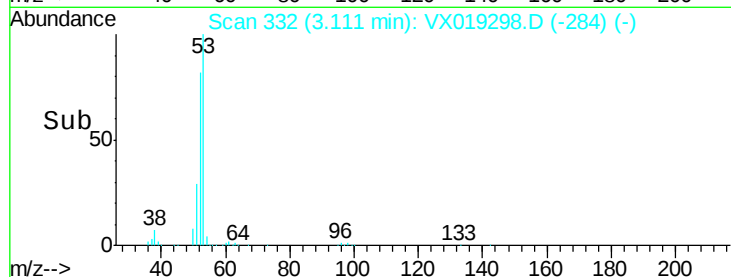
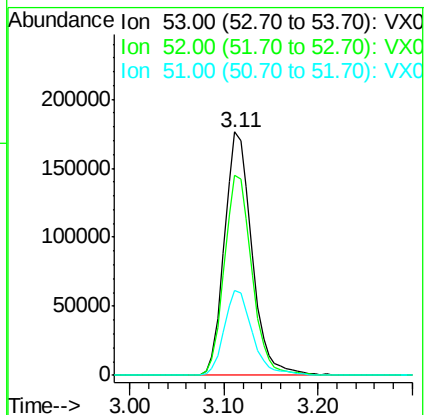
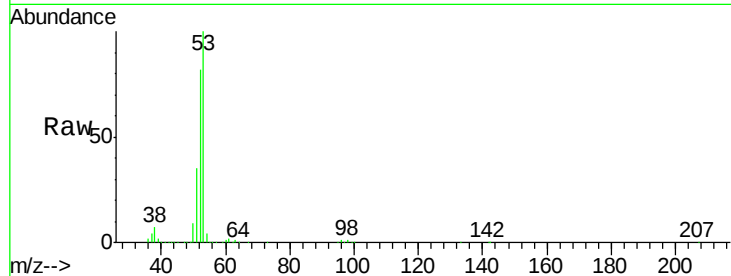
Tot Ion: 53 Resp: 357287

Ion Ratio Lower Upper

53 100

52 82.9 65.7 98.5

51 36.0 28.4 42.6



#16

Acetone

Concen: 256.875 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019298.D

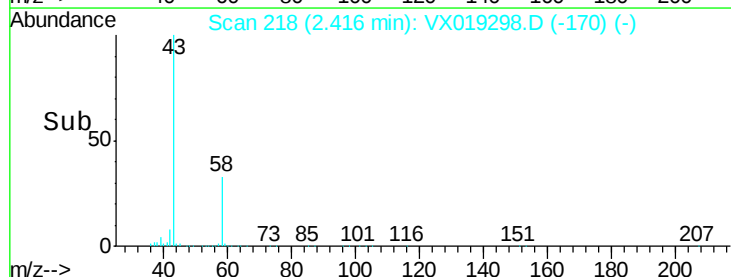
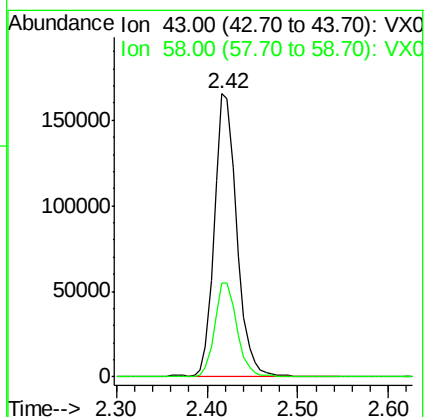
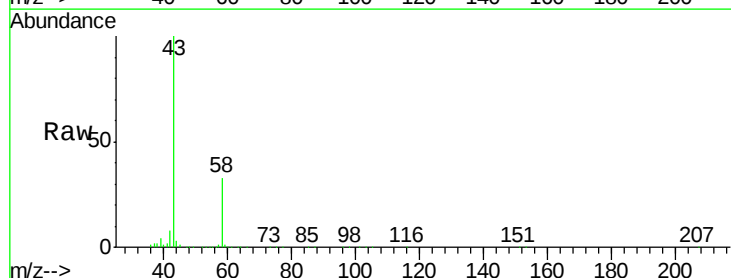
Acq: 05 Nov 2020 02:24

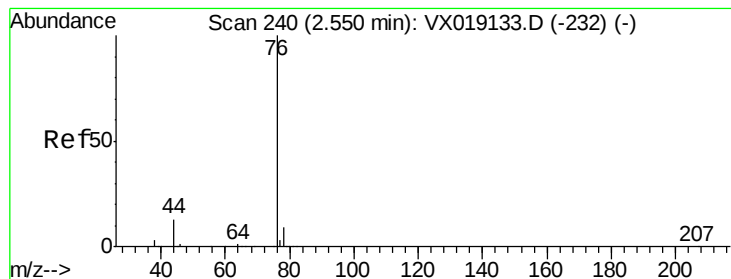
Tgt Ion: 43 Resp: 285680

Ion Ratio Lower Upper

43 100

58 33.3 26.3 39.5





#17

Carbon Disulfide

Concen: 48.783 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Instrument :

MSVOA_X

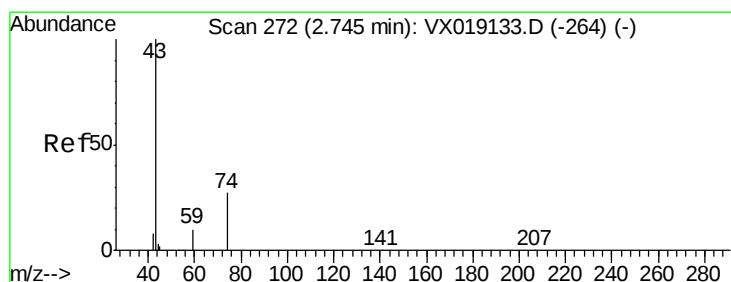
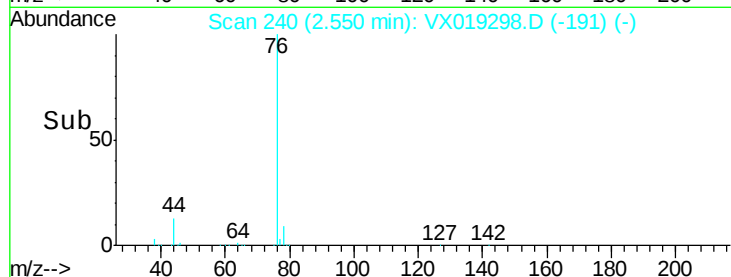
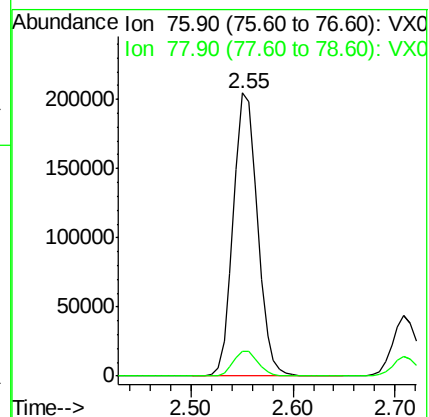
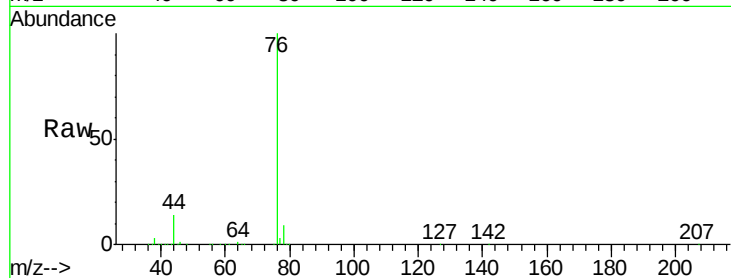
ClientSampleId :

Tot Ion: 76 Resp: 336771

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9



#18

Methyl Acetate

Concen: 55.572 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX019298.D

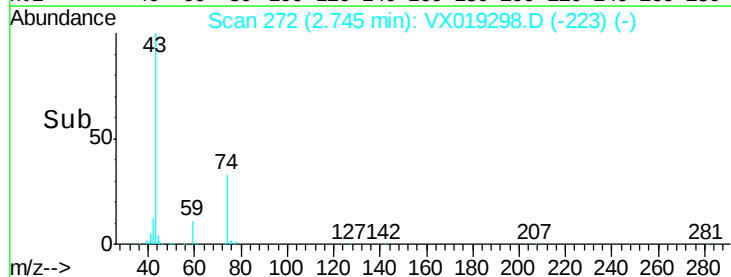
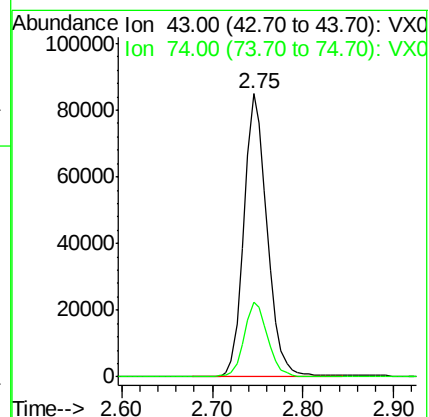
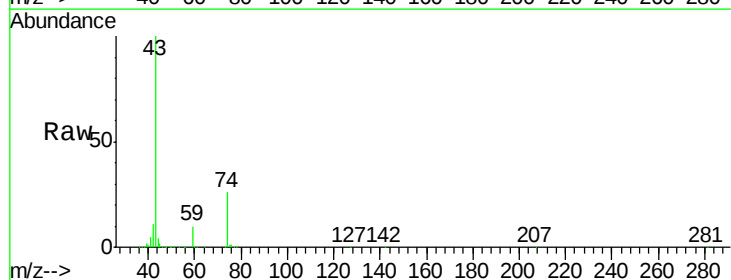
Acq: 05 Nov 2020 02:24

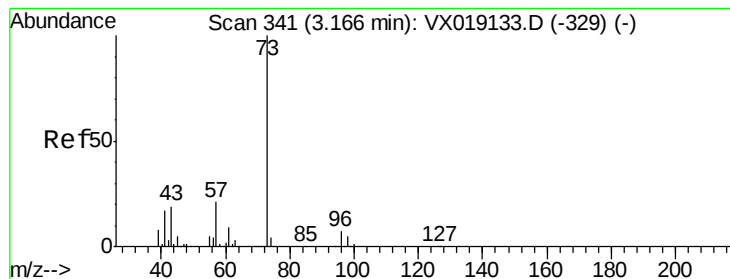
Tgt Ion: 43 Resp: 150289

Ion Ratio Lower Upper

43 100

74 27.1 22.6 33.8



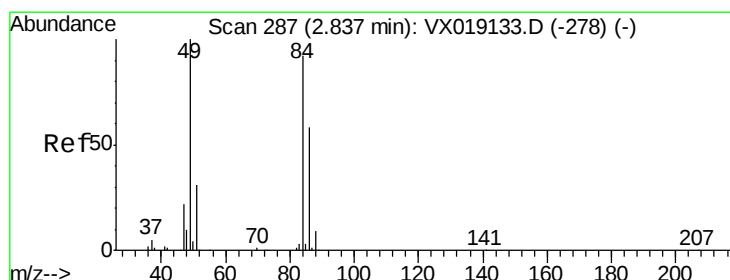
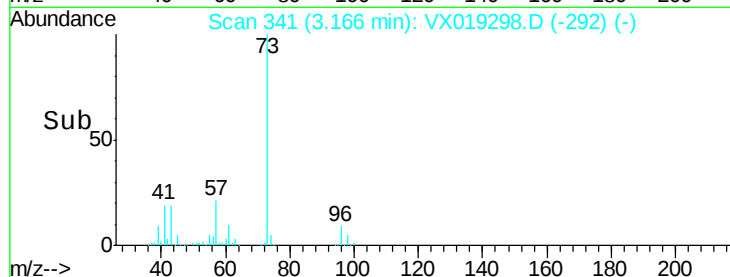
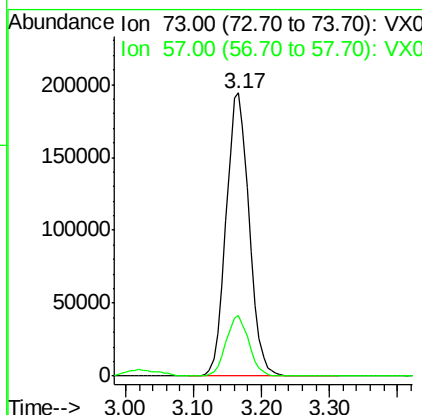
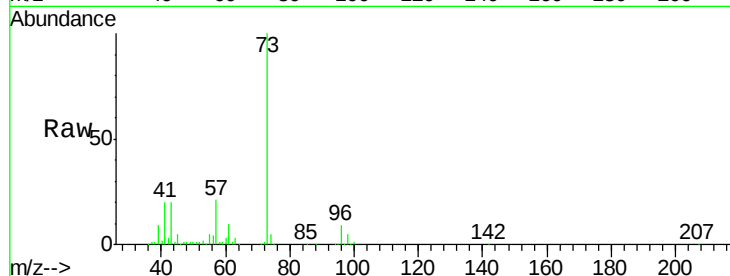


#19

Methyl tert-butyl Ether
 Concen: 54.213 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX019298.D
 Acq: 05 Nov 2020 02:24

Instrument :
 MSVOA_X
 ClientSampleId :

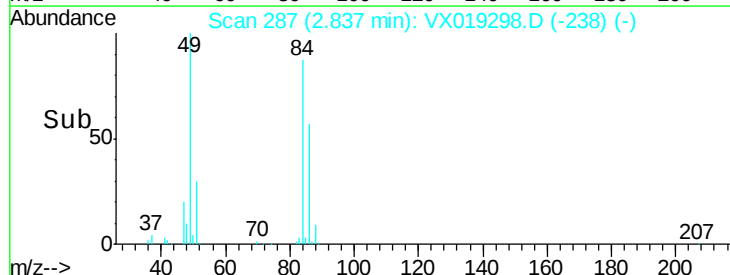
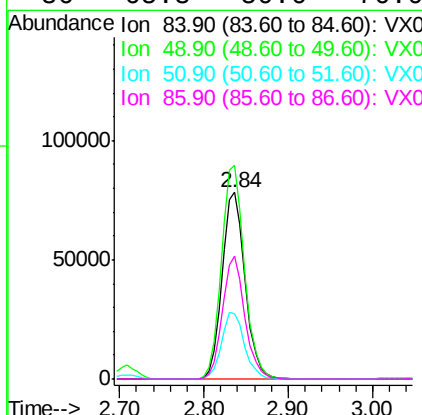
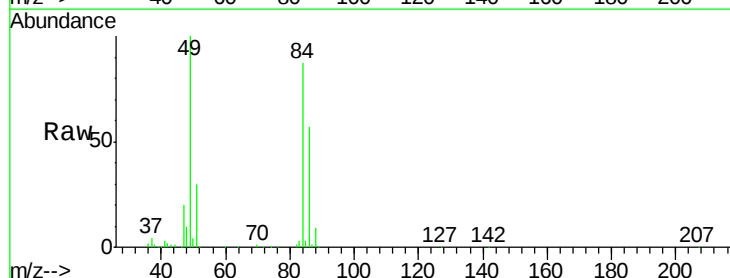
Tot Ion: 73 Resp: 455104
 Ion Ratio Lower Upper
 73 100
 57 21.3 16.6 25.0

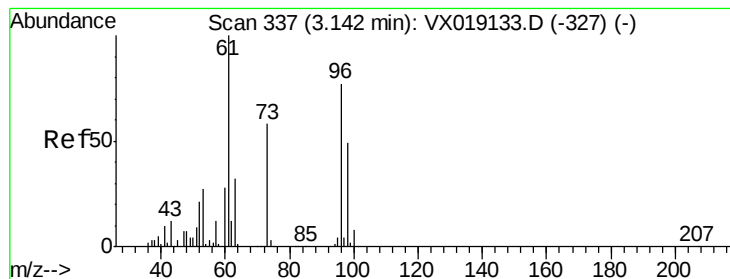


#20

Methylene Chloride
 Concen: 52.644 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX019298.D
 Acq: 05 Nov 2020 02:24

Tgt Ion: 84 Resp: 146984
 Ion Ratio Lower Upper
 84 100
 49 114.5 86.8 130.2
 51 34.7 27.3 40.9
 86 65.8 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 51.340 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Instrument :

MSVOA_X

ClientSampleId :

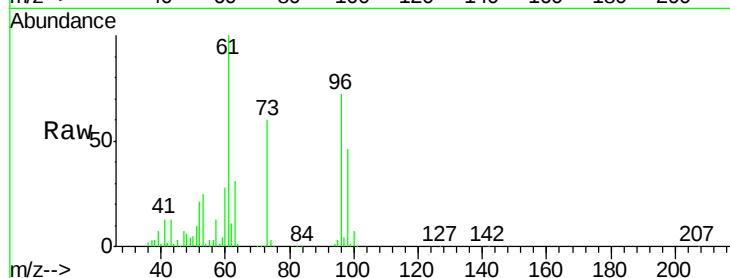
Tot Ion: 96 Resp: 143155

Ion Ratio Lower Upper

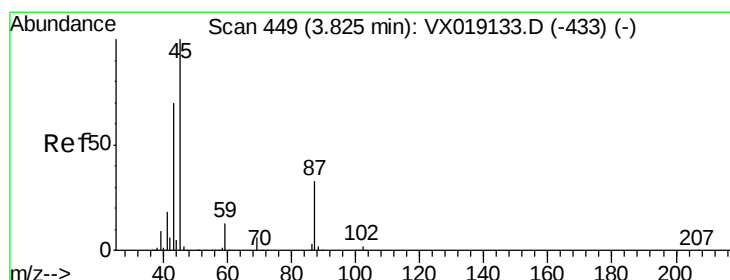
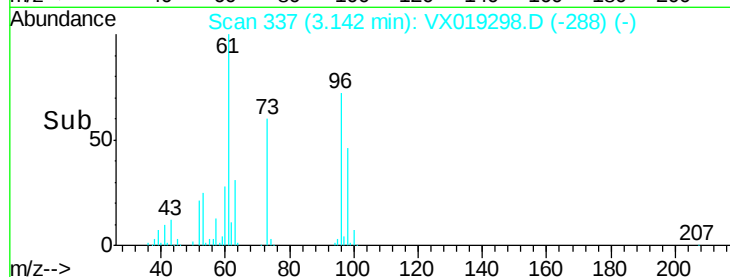
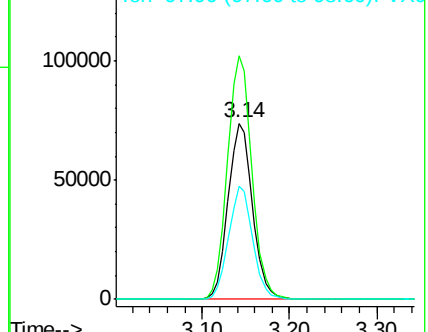
96 100

61 138.3 104.2 156.4

98 64.2 51.3 76.9



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 58.081 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Tgt Ion: 45 Resp: 424914

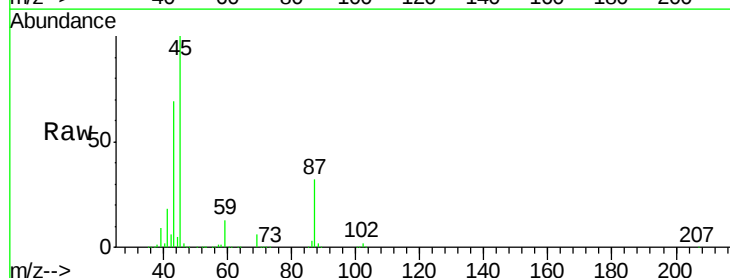
Ion Ratio Lower Upper

45 100

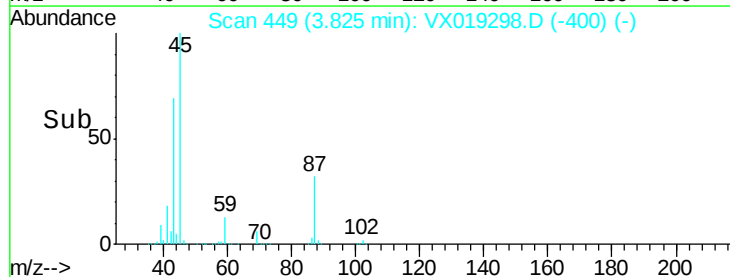
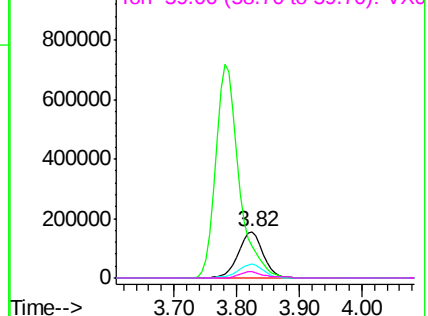
43 68.4 56.2 84.4

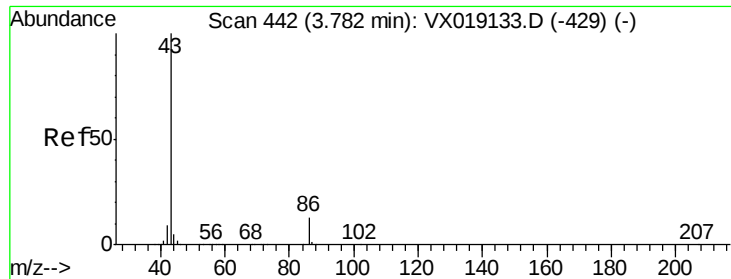
87 31.8 26.2 39.2

59 12.6 10.1 15.1



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 281.820 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

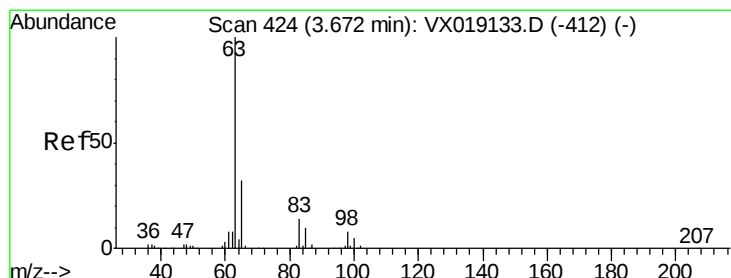
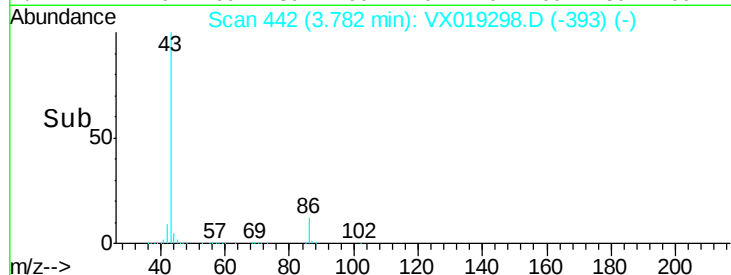
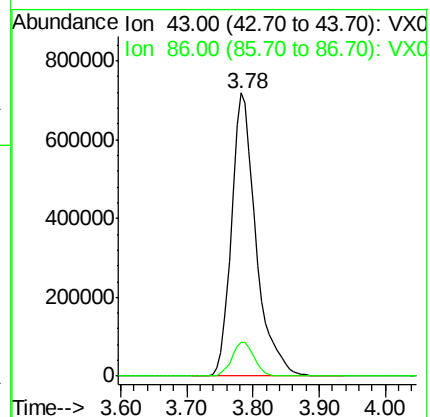
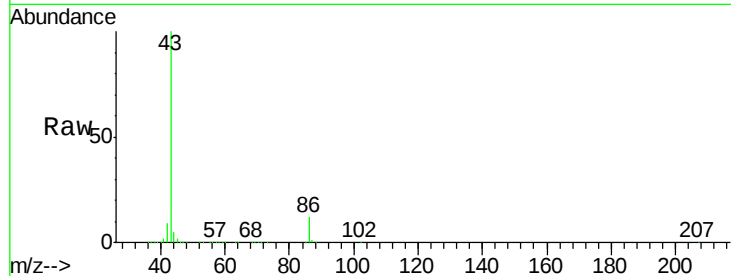
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1838610

Ion Ratio Lower Upper

43 100

86 11.9 10.4 15.6



#24

1,1-Dichloroethane

Concen: 55.968 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

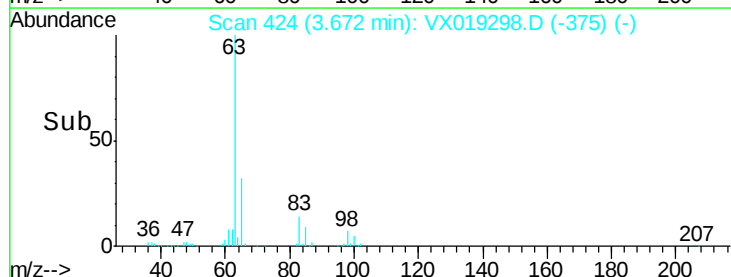
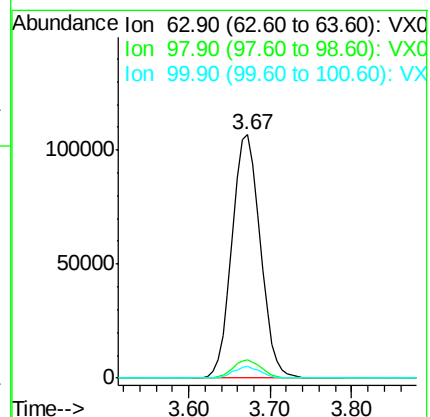
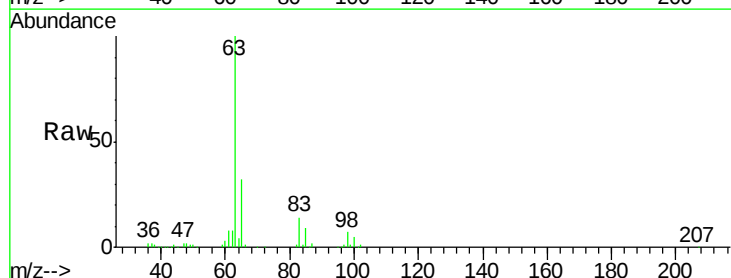
Tgt Ion: 63 Resp: 255650

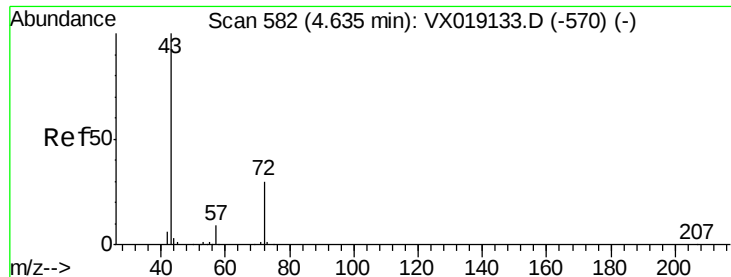
Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.4

100 4.7 2.4 7.2





#25

2-Butanone

Concen: 263.980 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Instrument :

MSVOA_X

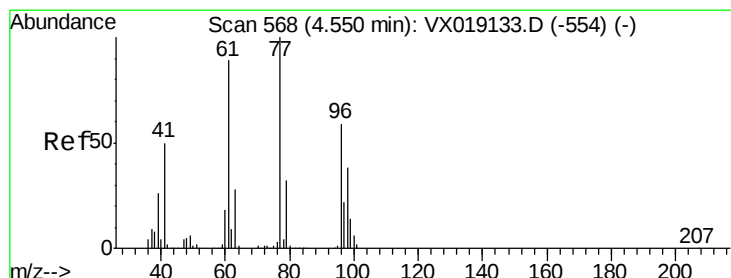
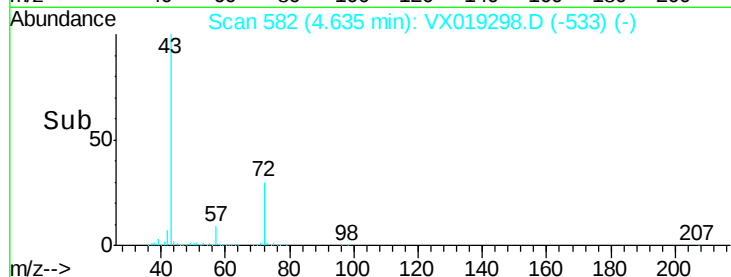
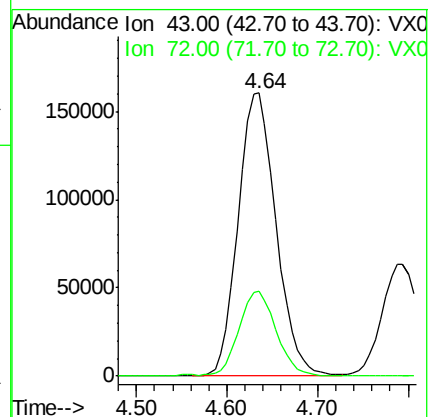
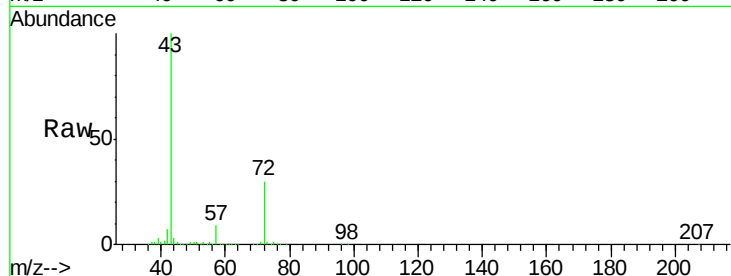
ClientSampleId :

Tot Ion: 43 Resp: 462685

Ion Ratio Lower Upper

43 100

72 30.0 24.6 36.8



#26

2,2-Dichloropropane

Concen: 45.457 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX019298.D

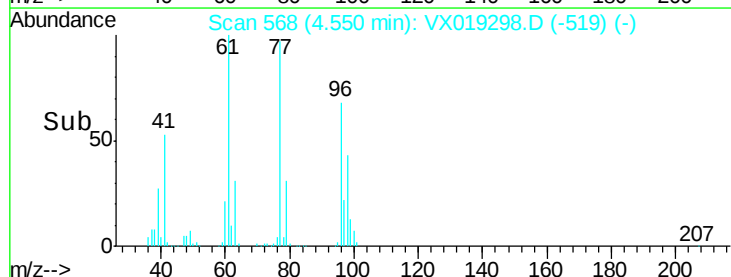
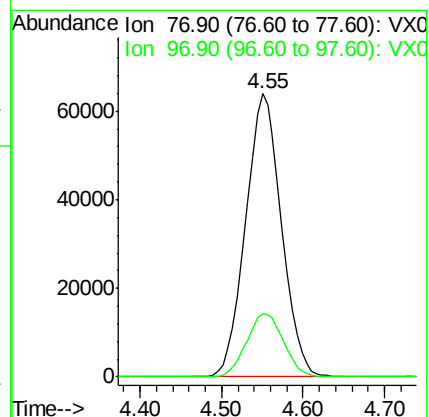
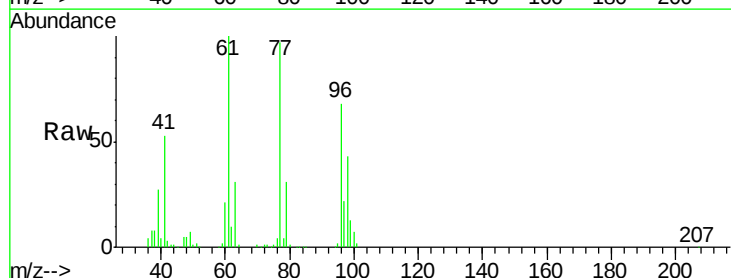
Acq: 05 Nov 2020 02:24

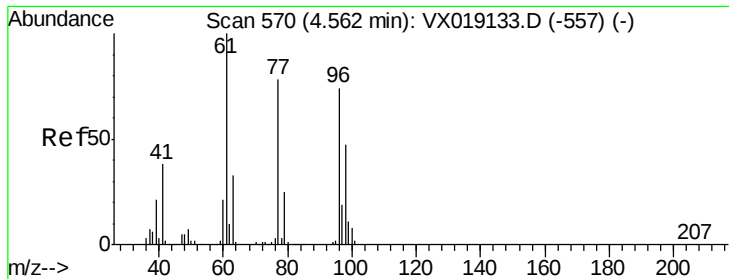
Tgt Ion: 77 Resp: 195200

Ion Ratio Lower Upper

77 100

97 23.1 11.4 34.1



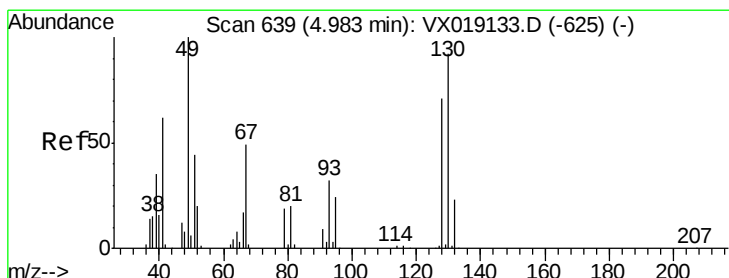
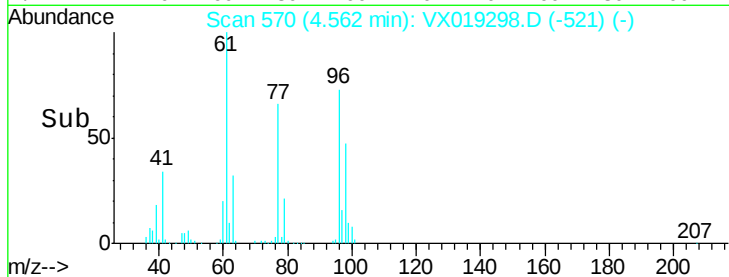
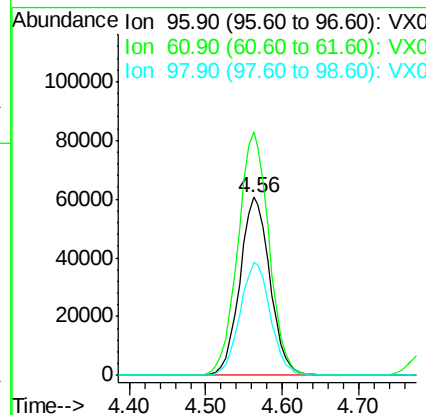
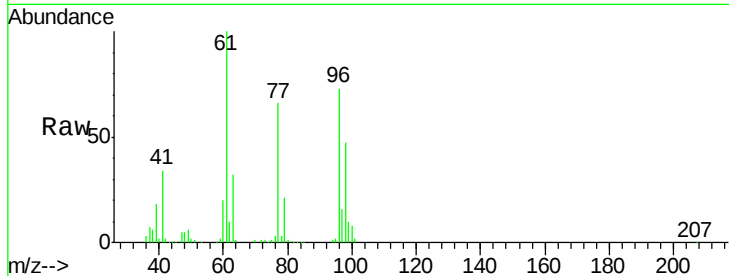


#27

cis-1,2-Dichloroethene
Concen: 53.055 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Instrument :
MSVOA_X
ClientSampled :

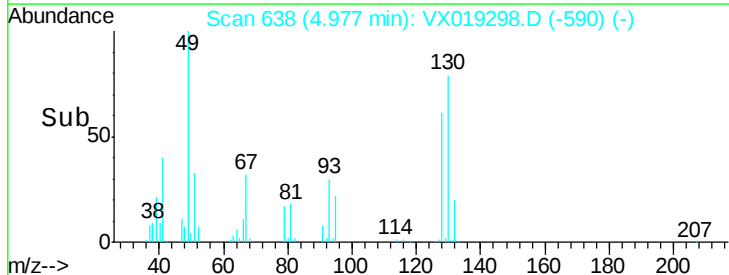
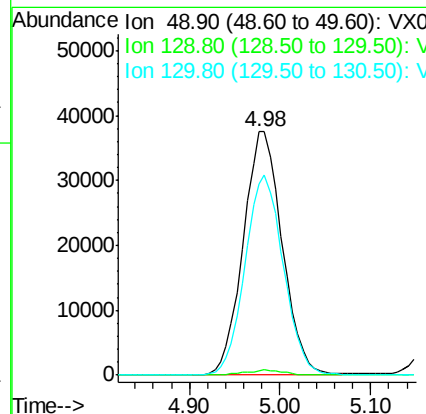
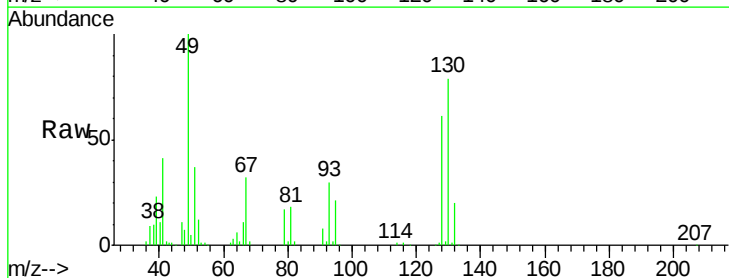
Tot Ion	96	Resp	165315
Ion	Ratio	Lower	Upper
96	100		
61	141.5	0.0	278.8
98	64.2	0.0	130.2

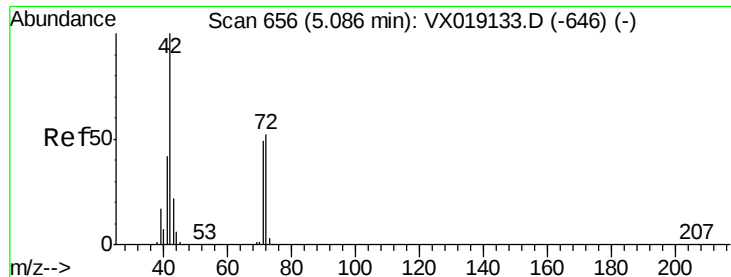


#28

Bromochloromethane
Concen: 53.864 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Tgt Ion	49	Resp	111852
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.4
130	81.1	71.3	106.9





#29

Tetrahydrofuran

Concen: 274.261 ug/l

RT: 5.09 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Instrument :

MSVOA_X

ClientSampleId :

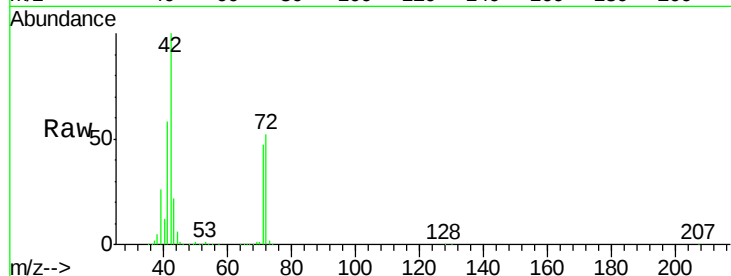
Tot Ion: 42 Resp: 302937

Ion Ratio Lower Upper

42 100

72 51.7 42.6 63.8

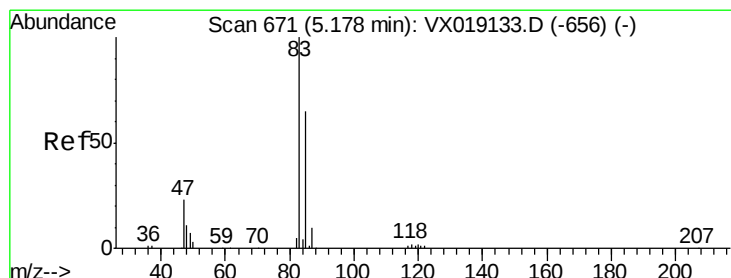
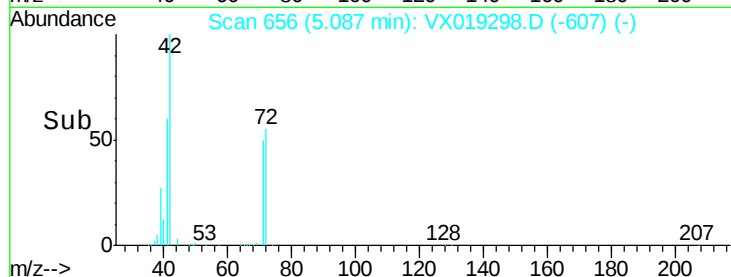
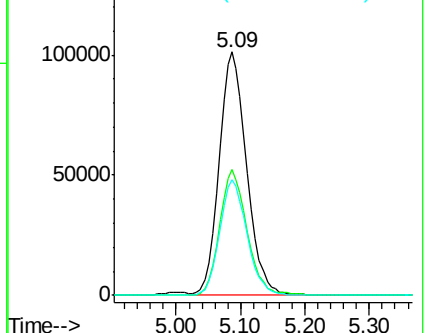
71 47.6 39.7 59.5



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 55.562 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX019298.D

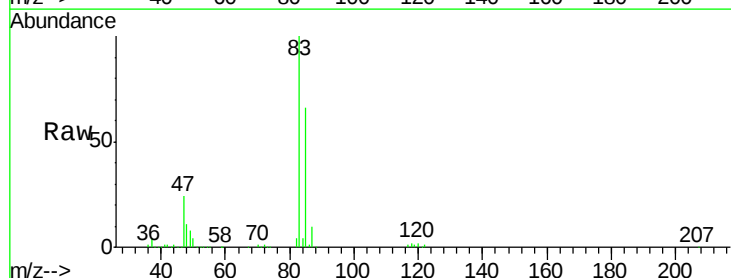
Acq: 05 Nov 2020 02:24

Tgt Ion: 83 Resp: 270142

Ion Ratio Lower Upper

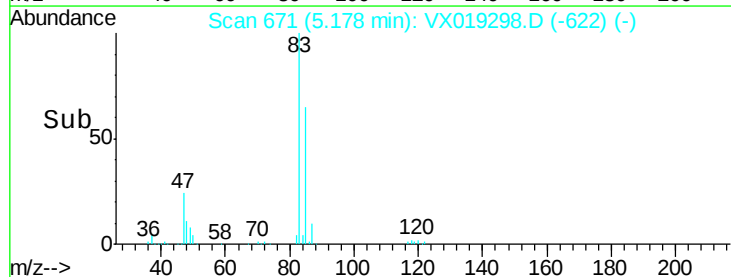
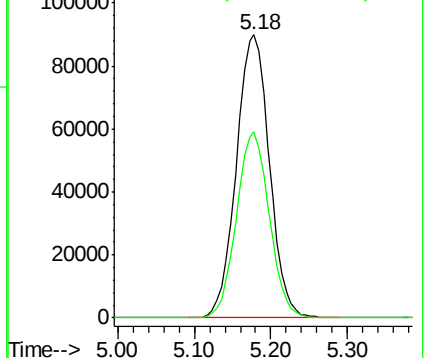
83 100

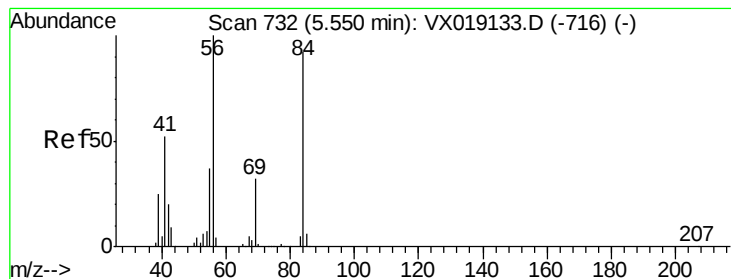
85 65.5 51.9 77.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 54.037 ug/l

RT: 5.55 min Scan# 732

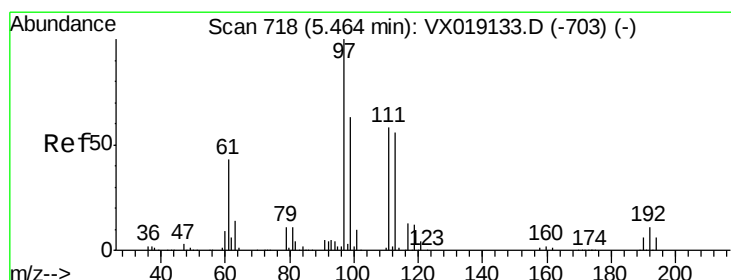
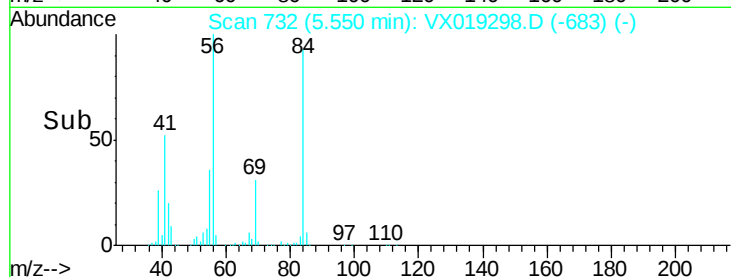
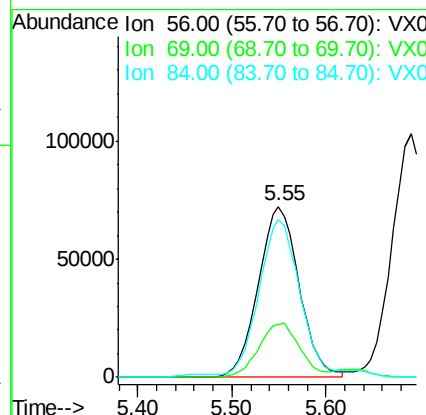
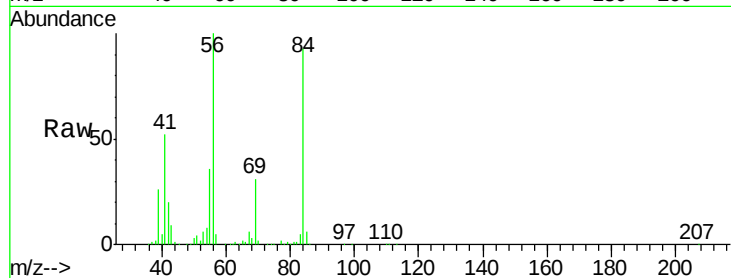
Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	56	Resp:	220204
Ion	Ratio	Lower	Upper
56	100		
69	31.0	25.9	38.9
84	90.7	73.4	110.2



#32

1,1,1-Trichloroethane

Concen: 54.446 ug/l

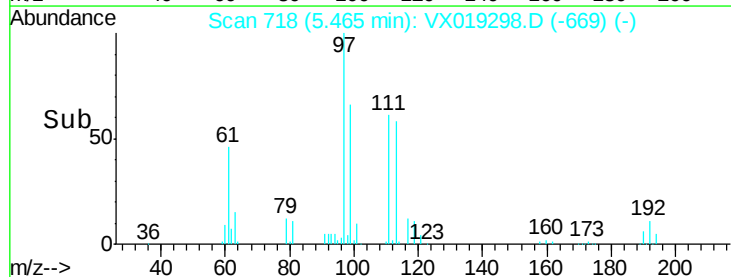
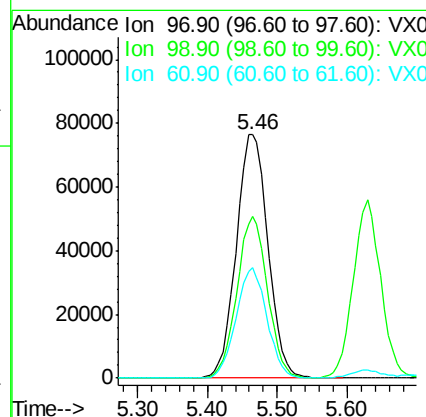
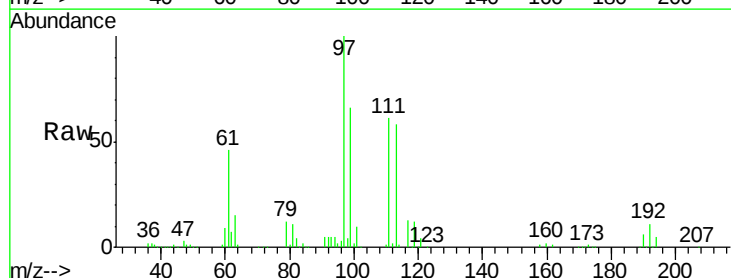
RT: 5.46 min Scan# 718

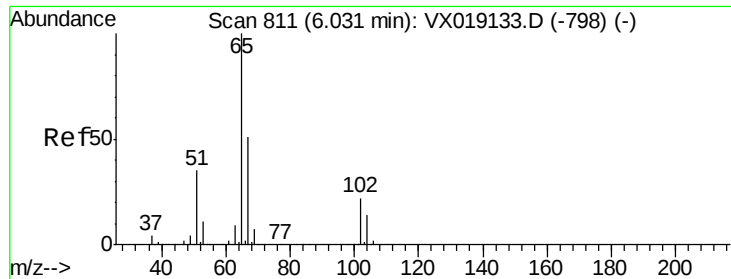
Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Tgt Ion:	97	Resp:	240001
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.7	77.5
61	44.1	34.2	51.2





#33

1,2-Dichloroethane-d4

Concen: 50.549 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Instrument :

MSVOA_X

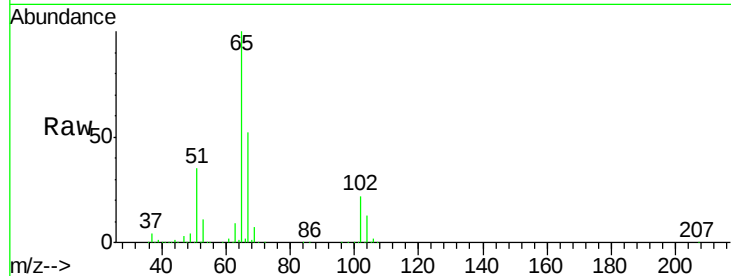
ClientSampleId :

Tot Ion: 65 Resp: 162957

Ion Ratio Lower Upper

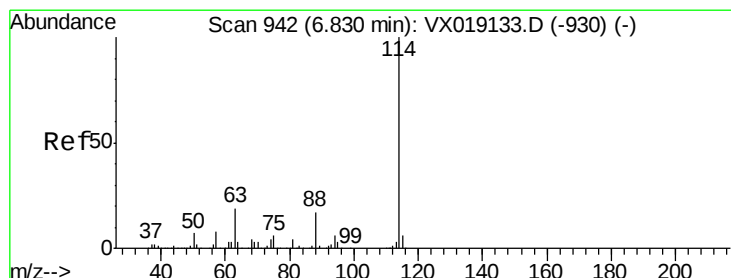
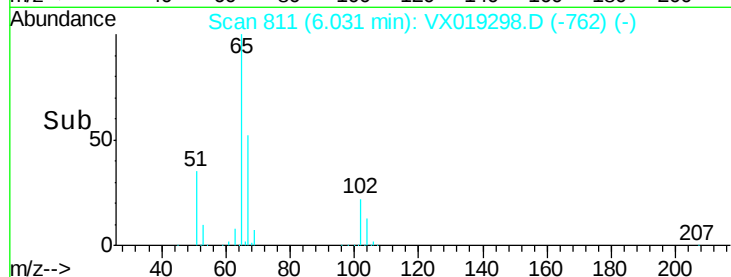
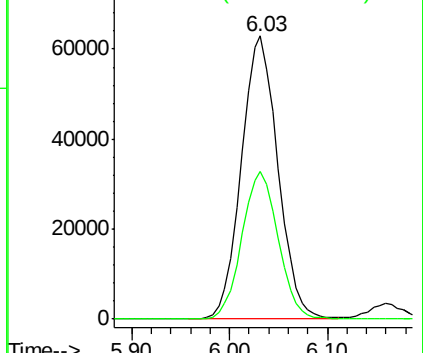
65 100

67 51.9 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

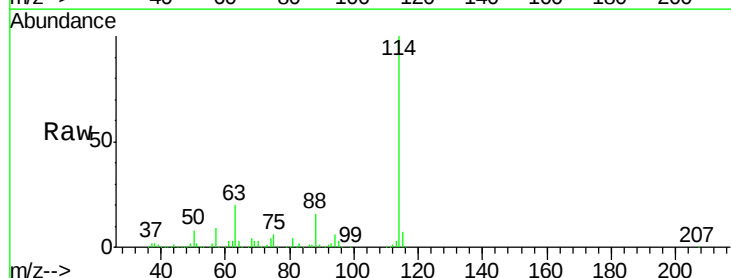
Tgt Ion: 114 Resp: 429435

Ion Ratio Lower Upper

114 100

63 20.5 0.0 38.8

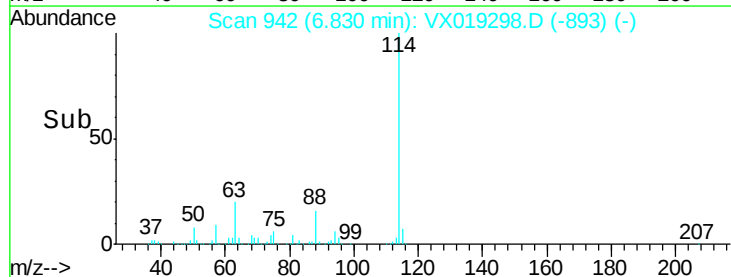
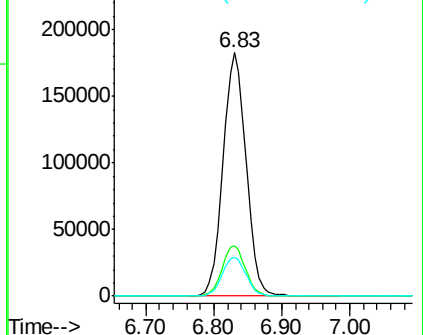
88 15.7 0.0 34.2

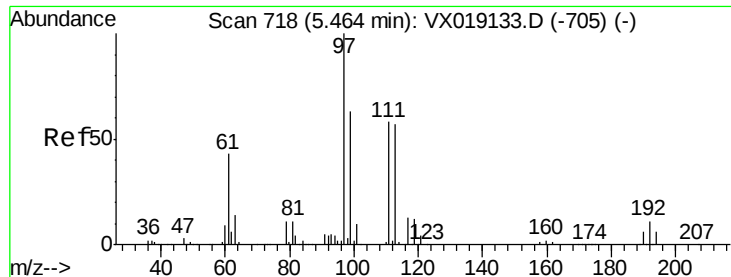


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

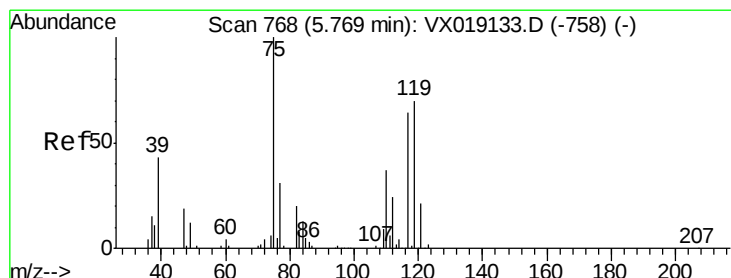
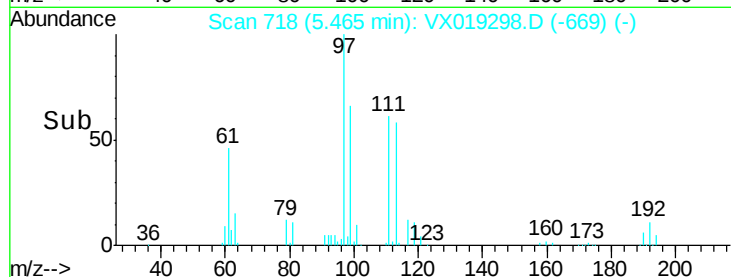
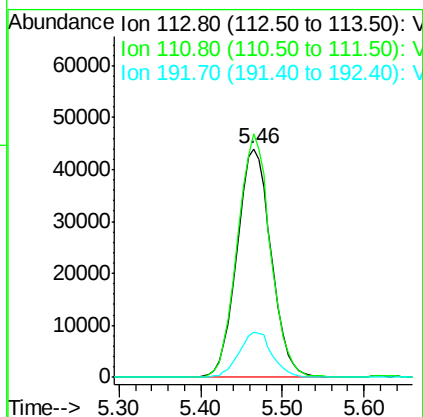
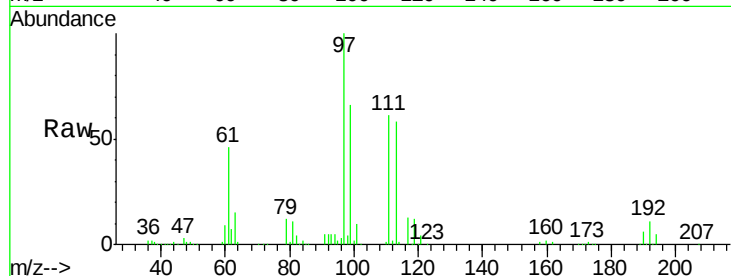




#35
 Dibromofluoromethane
 Concen: 47.323 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VX019298.D
 Acq: 05 Nov 2020 02:24

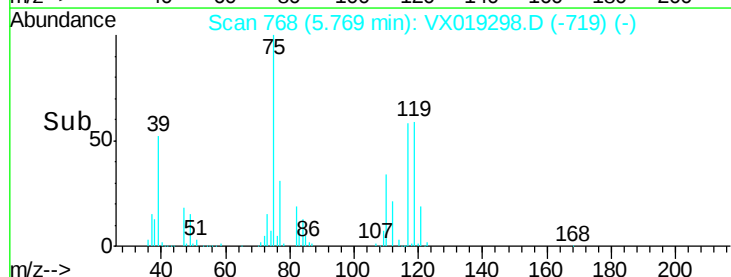
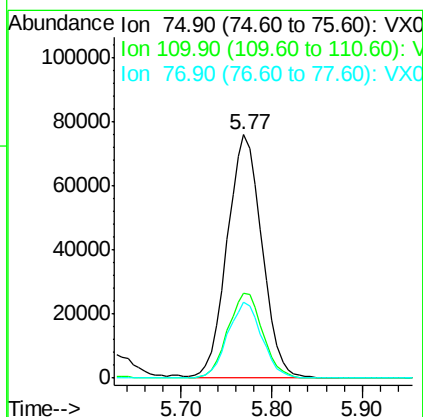
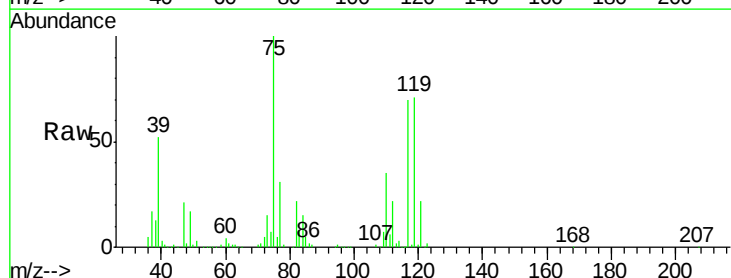
Instrument :
 MSVOA_X
 ClientSampleId :

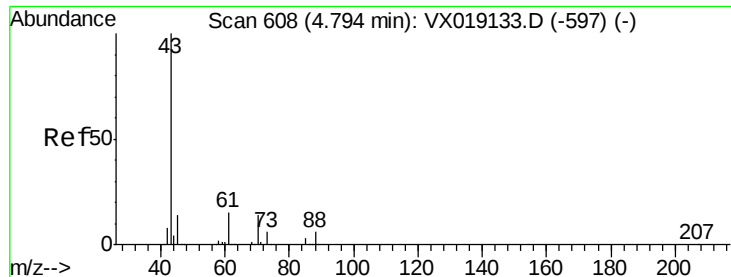
Tot Ion:113 Resp: 127650
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.3 123.5
 192 19.3 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 50.844 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX019298.D
 Acq: 05 Nov 2020 02:24

Tgt Ion: 75 Resp: 201621
 Ion Ratio Lower Upper
 75 100
 110 35.0 18.3 54.9
 77 30.9 24.9 37.3

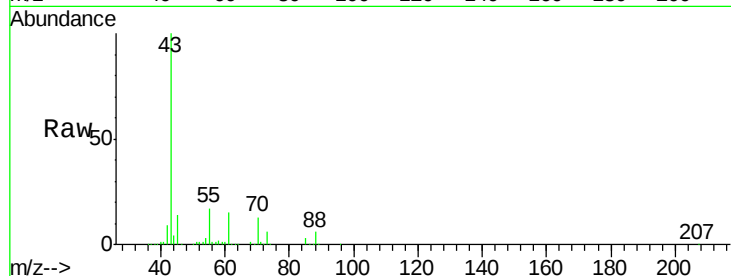




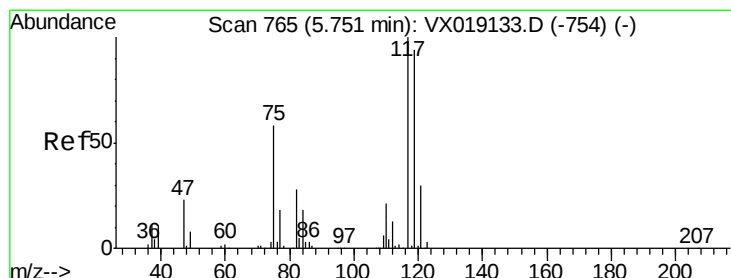
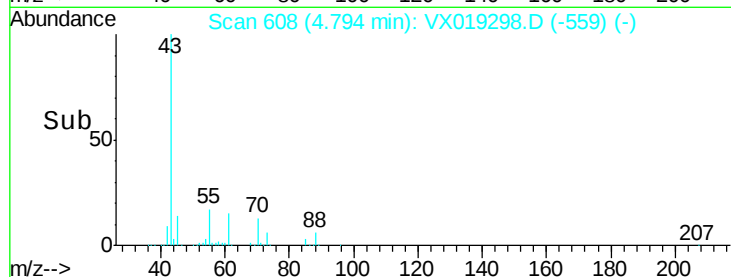
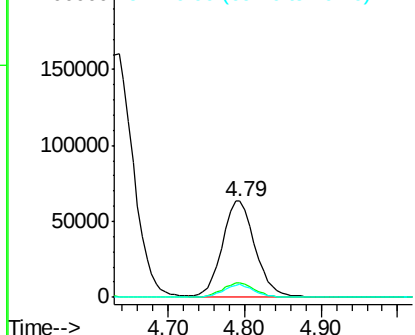
#37
Ethyl Acetate
Concen: 51.077 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 188059
Ion Ratio Lower Upper
43 100
61 15.3 12.5 18.7
70 12.6 10.5 15.7

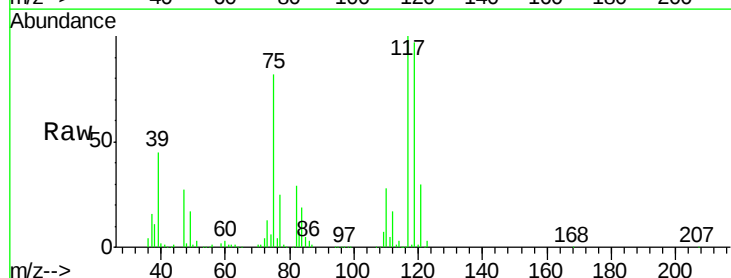


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

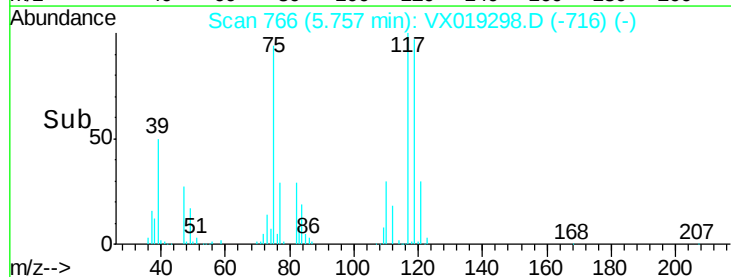
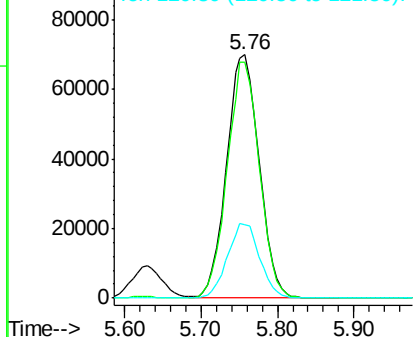


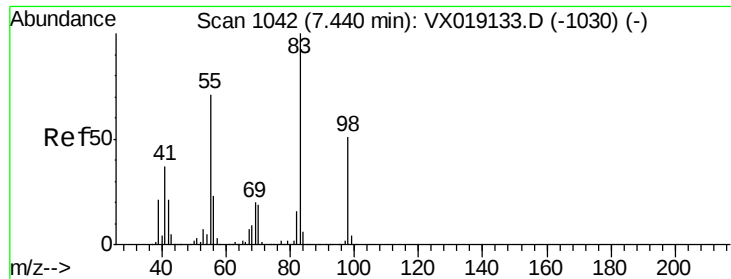
#38
Carbon Tetrachloride
Concen: 51.121 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Tgt Ion: 117 Resp: 206632
Ion Ratio Lower Upper
117 100
119 96.7 75.0 112.6
121 30.1 23.9 35.9



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

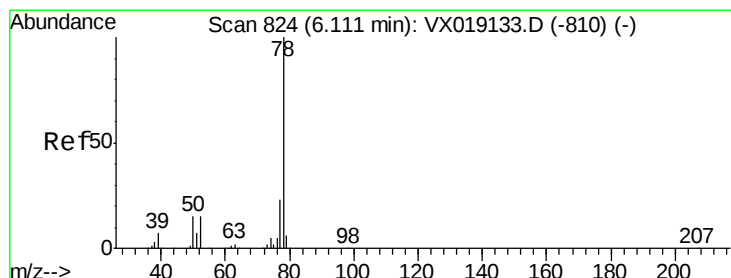
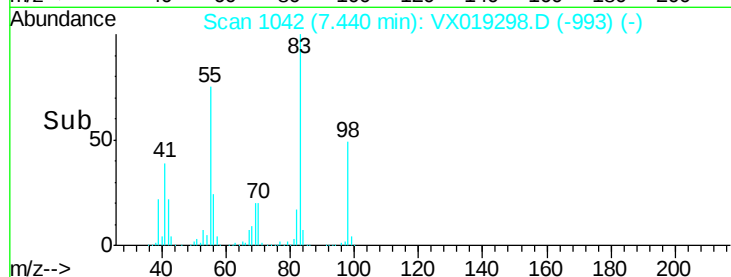
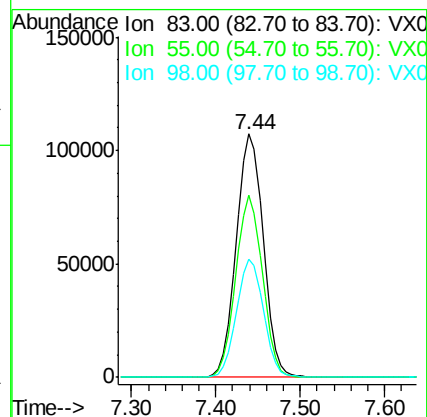
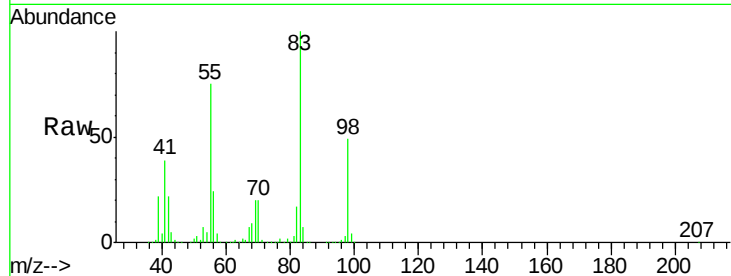




#39
Methvlcvclohexane
Concen: 49.311 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

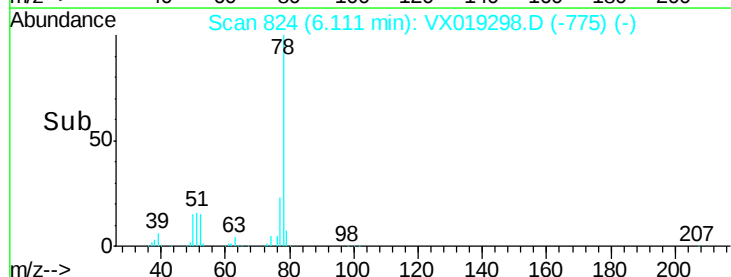
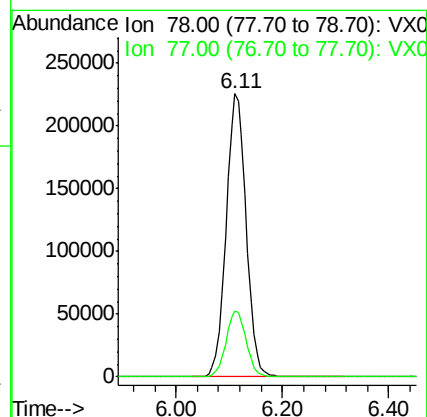
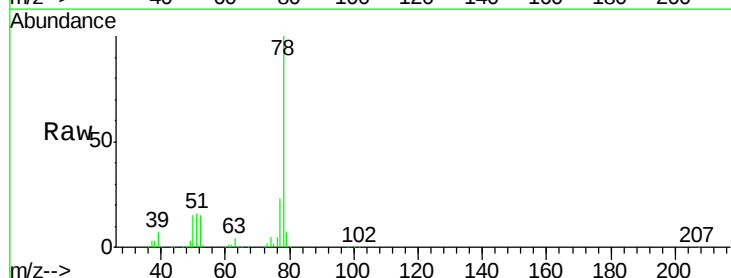
Instrument :
MSVOA_X
ClientSampleId :

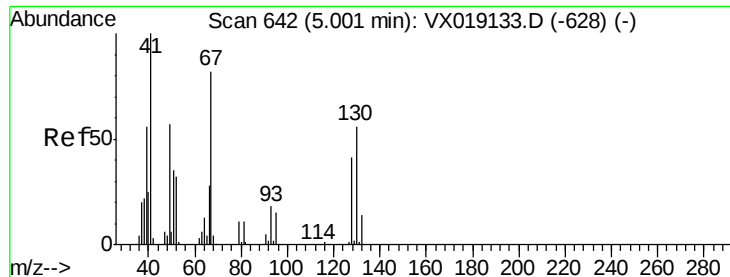
Tot Ion: 83 Resp: 233813
Ion Ratio Lower Upper
83 100
55 74.7 57.0 85.6
98 48.7 40.5 60.7



#40
Benzene
Concen: 52.706 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Tgt Ion: 78 Resp: 592597
Ion Ratio Lower Upper
78 100
77 23.4 18.7 28.1

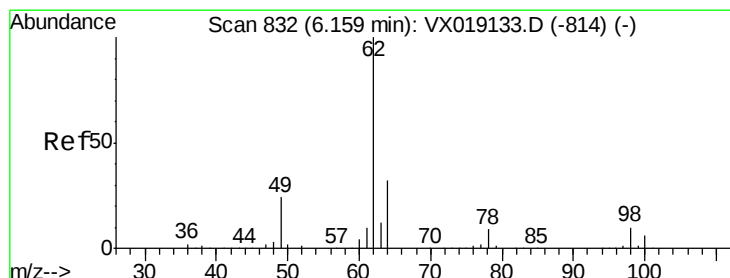
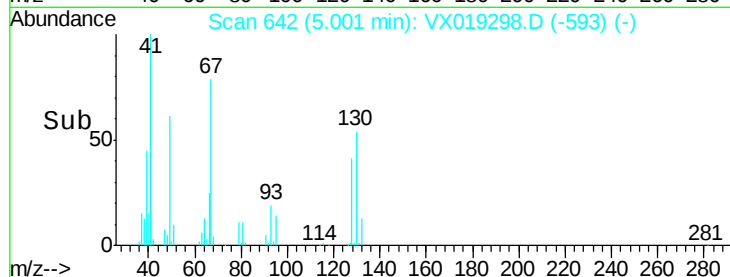
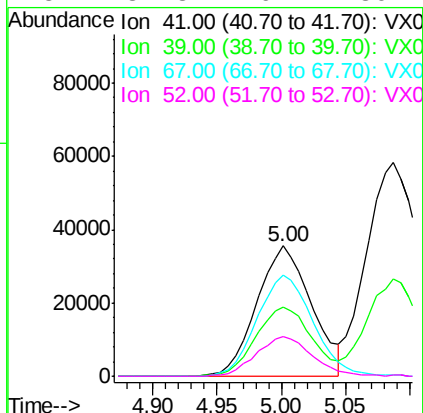
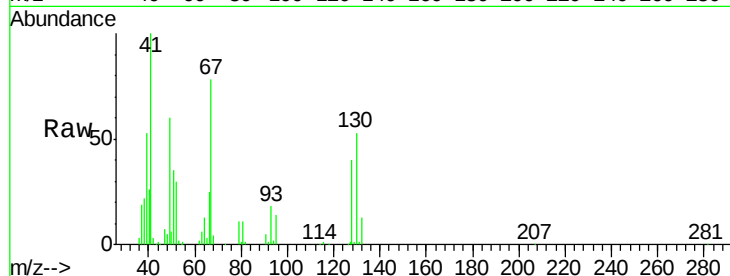




#41
Methacrylonitrile
Concen: 52.513 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

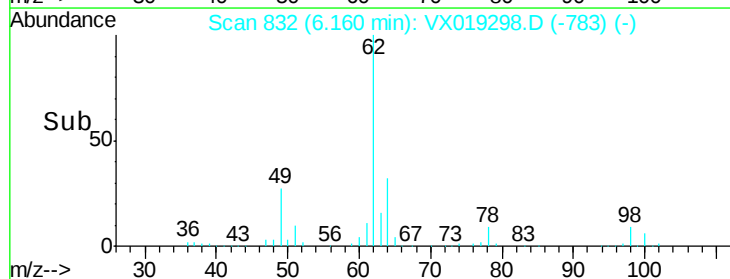
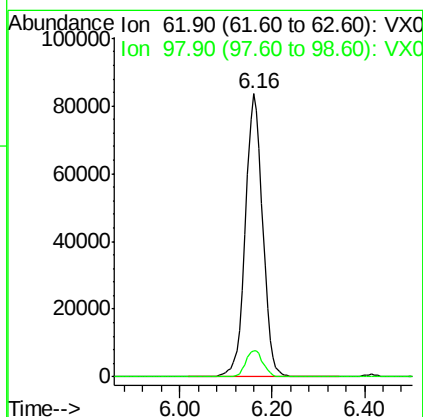
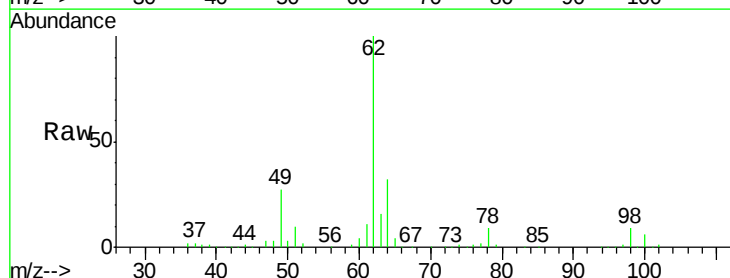
Instrument :
MSVOA_X
ClientSampled :

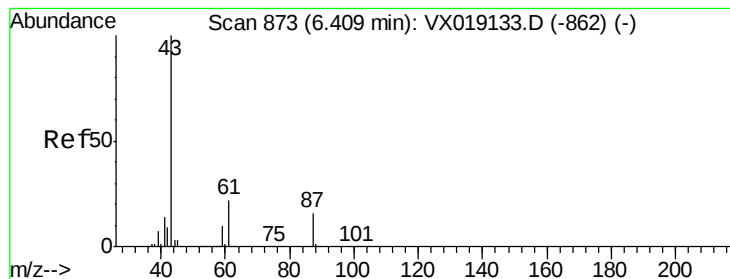
Tot Ion: 41 Resp: 104124
Ion Ratio Lower Upper
41 100
39 54.5 44.4 66.6
67 80.1 66.4 99.6
52 31.3 26.2 39.4



#42
1,2-Dichloroethane
Concen: 52.704 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Tgt Ion: 62 Resp: 218393
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.0



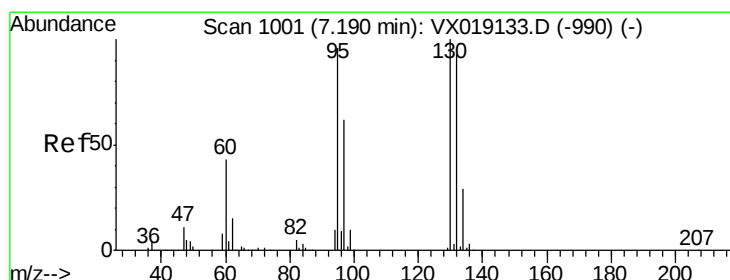
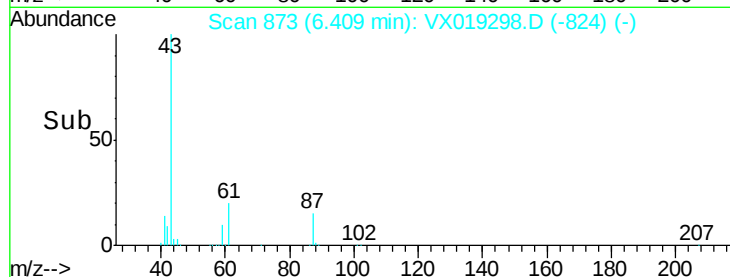
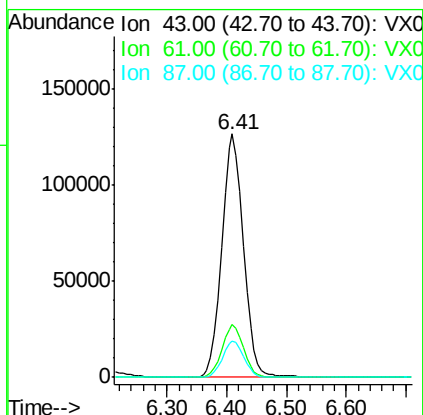
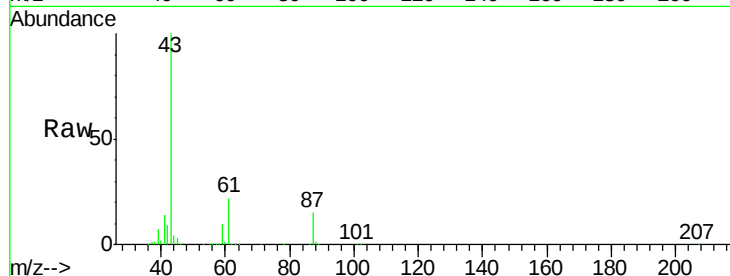


#43

Isopropyl Acetate
 Concen: 51.529 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. 0.00 min
 Lab File: VX019298.D
 Acq: 05 Nov 2020 02:24

Instrument :
 MSVOA_X
 ClientSampleId :

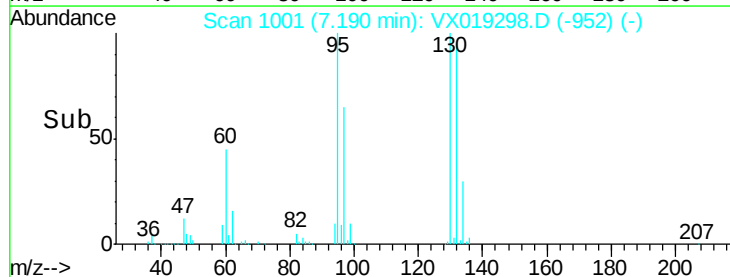
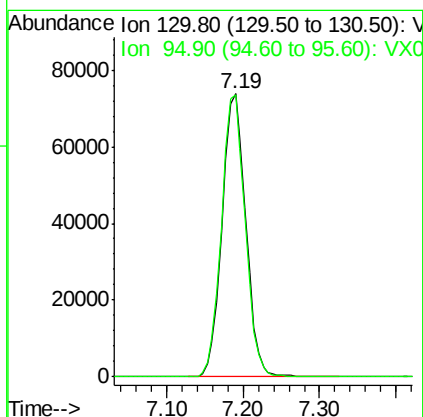
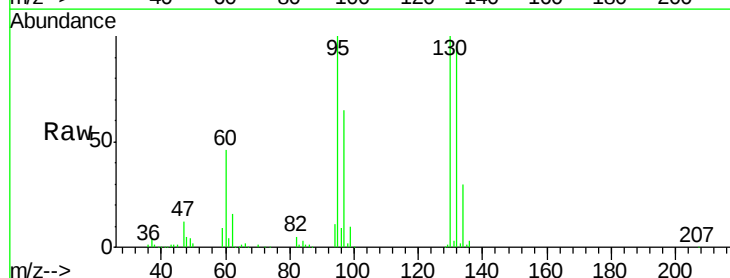
Tot Ion	43	Resp	317675
Ion Ratio	Lower	Upper	
43	100		
61	21.7	17.8	26.6
87	15.0	12.6	19.0

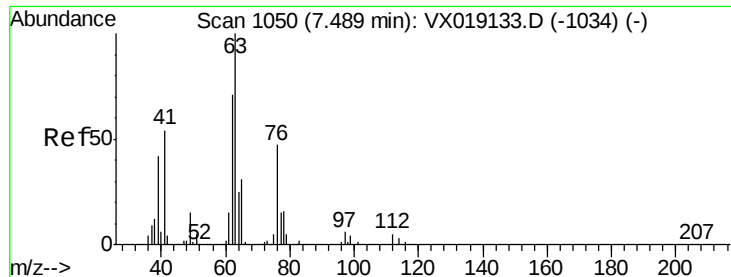


#44

Trichloroethene
 Concen: 49.229 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX019298.D
 Acq: 05 Nov 2020 02:24

Tgt Ion	130	Resp	158519
Ion Ratio	Lower	Upper	
130	100		
95	99.9	0.0	192.0





#45

1,2-Dichloropropane

Concen: 54.671 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Instrument :

MSVOA_X

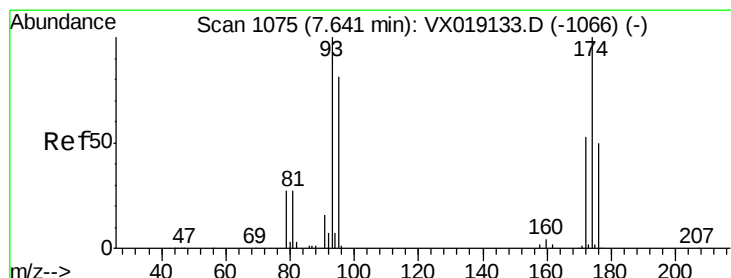
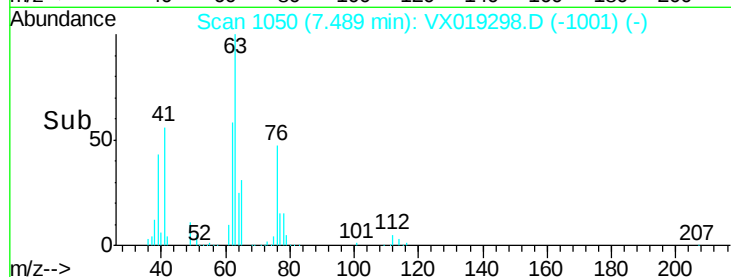
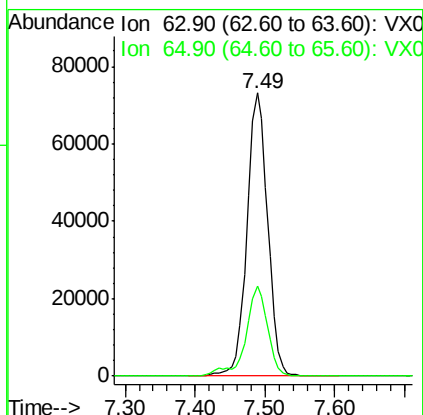
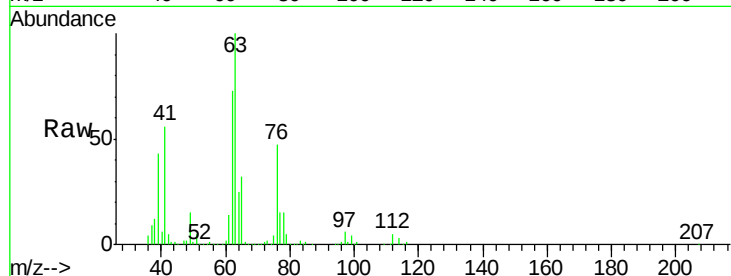
ClientSampled :

Tot Ion: 63 Resp: 150559

Ion Ratio Lower Upper

63 100

65 31.8 25.2 37.8



#46

Dibromomethane

Concen: 51.175 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

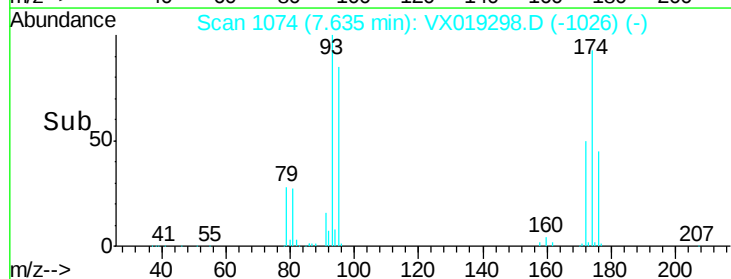
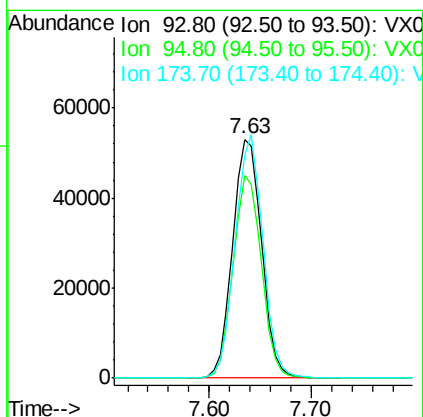
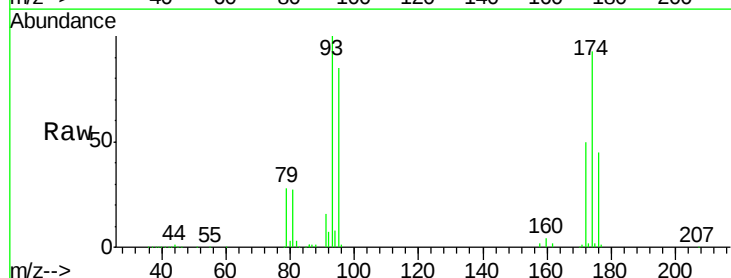
Tgt Ion: 93 Resp: 104215

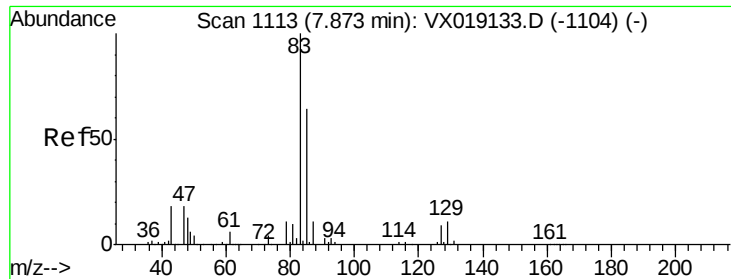
Ion Ratio Lower Upper

93 100

95 82.9 67.0 100.6

174 97.7 81.7 122.5





#47

Bromodichloromethane

Concen: 53.183 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Instrument :

MSVOA_X

ClientSampleId :

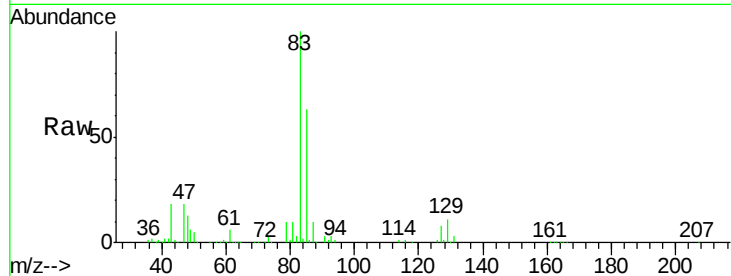
Tot Ion: 83 Resp: 213470

Ion Ratio Lower Upper

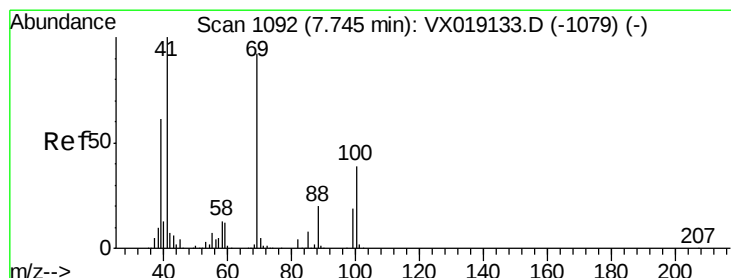
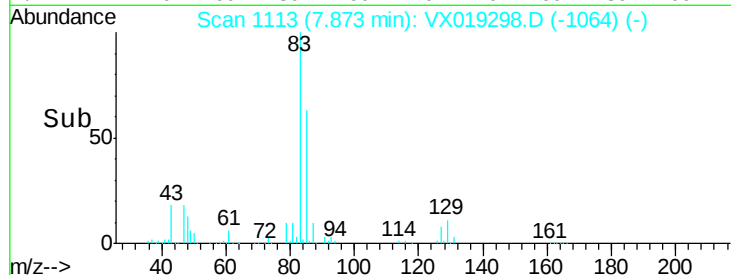
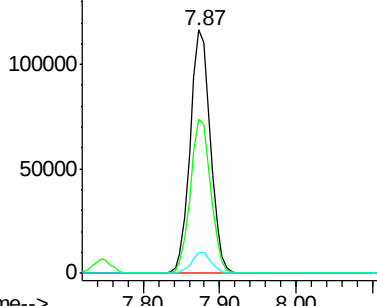
83 100

85 63.3 51.2 76.8

127 8.4 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: 52.864 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

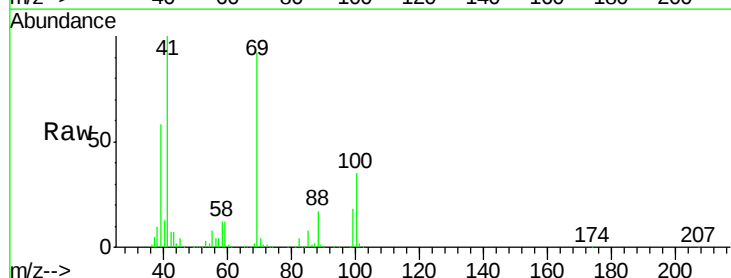
Tgt Ion: 41 Resp: 156862

Ion Ratio Lower Upper

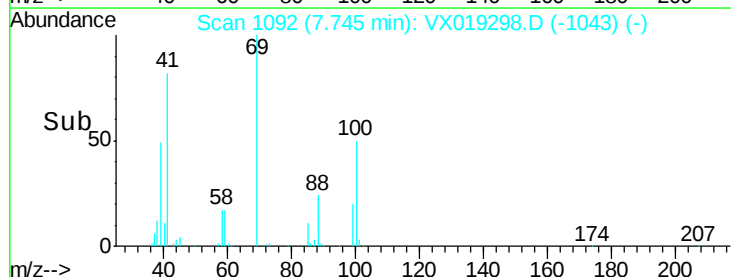
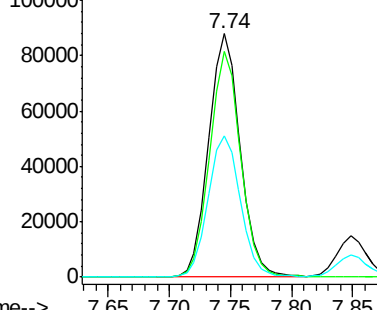
41 100

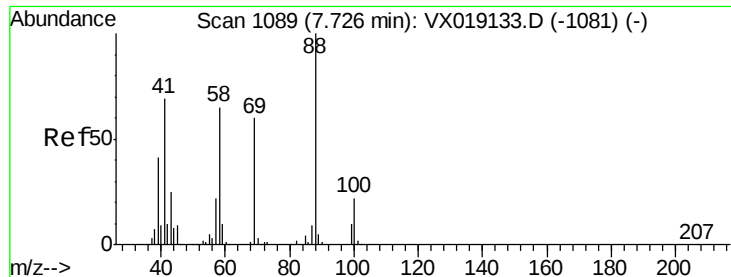
69 91.8 75.5 113.3

39 59.5 48.9 73.3



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





#49

1,4-Dioxane

Concen: 919.409 ug/l

RT: 7.73 min Scan# 1090

Delta R.T. 0.01 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Instrument :

MSVOA_X

ClientSampleId :

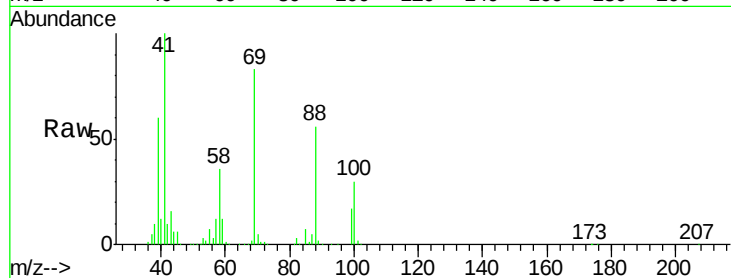
Tot Ion: 88 Resp: 60671

Ion Ratio Lower Upper

88 100

43 31.7 23.0 34.6

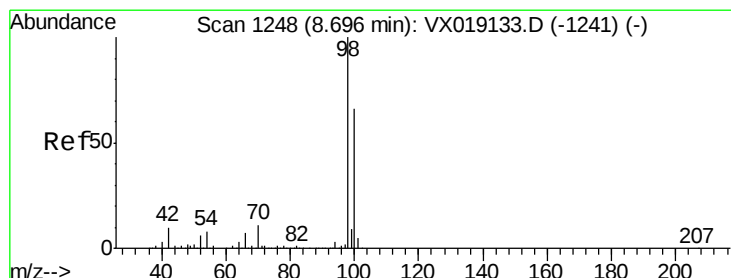
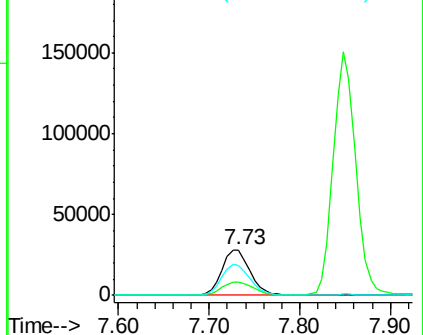
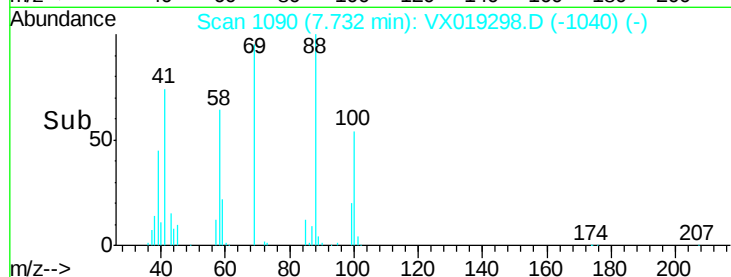
58 68.0 52.2 78.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.234 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019298.D

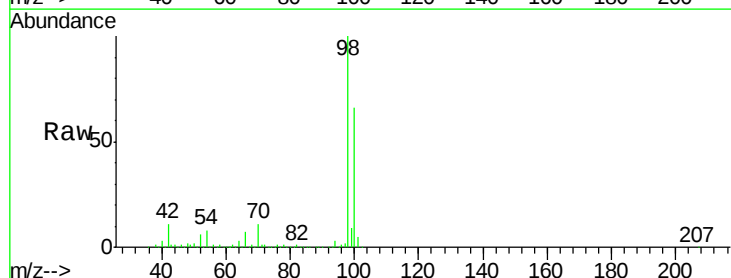
Acq: 05 Nov 2020 02:24

Tgt Ion: 98 Resp: 490462

Ion Ratio Lower Upper

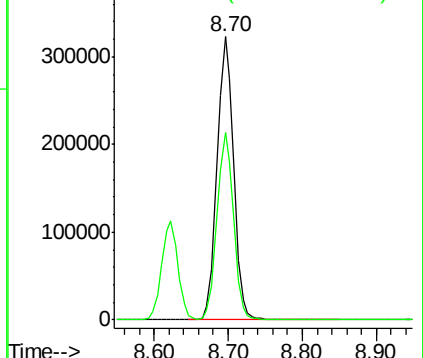
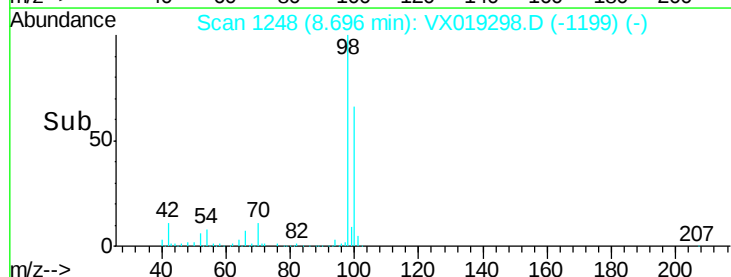
98 100

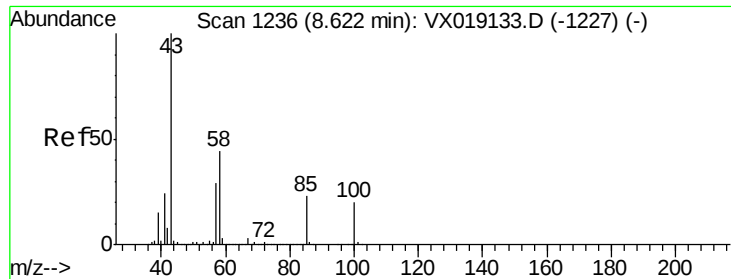
100 66.1 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 267.216 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Instrument :

MSVOA_X

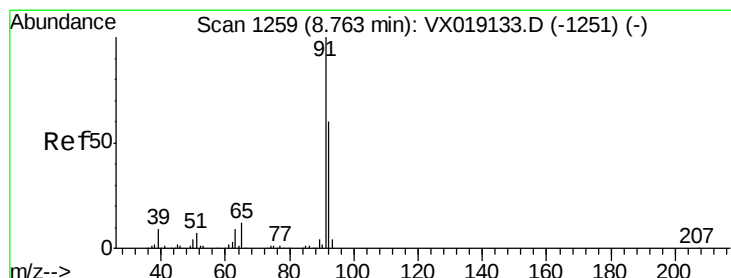
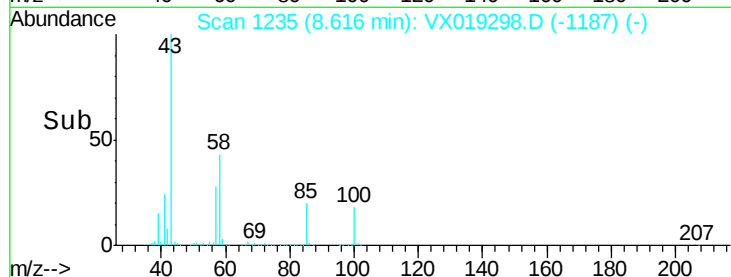
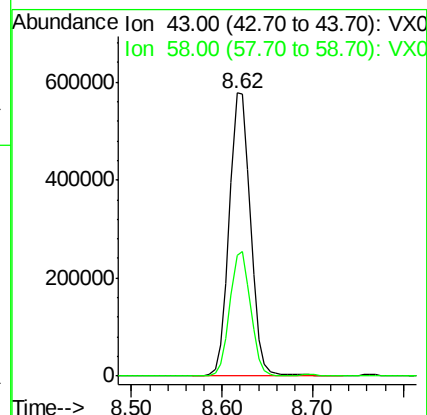
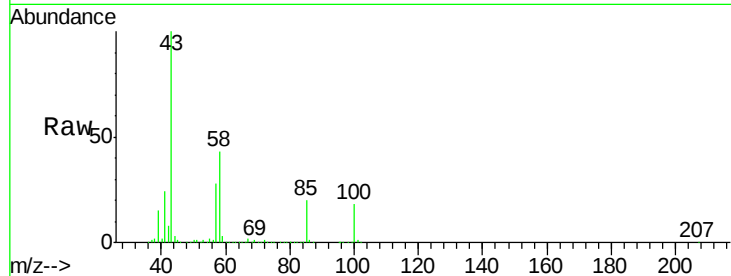
ClientSampled :

Tot Ion: 43 Resp: 946840

Ion Ratio Lower Upper

43 100

58 43.0 35.0 52.4



#52

Toluene

Concen: 52.252 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019298.D

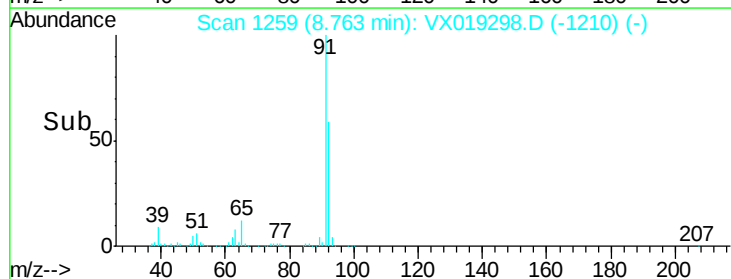
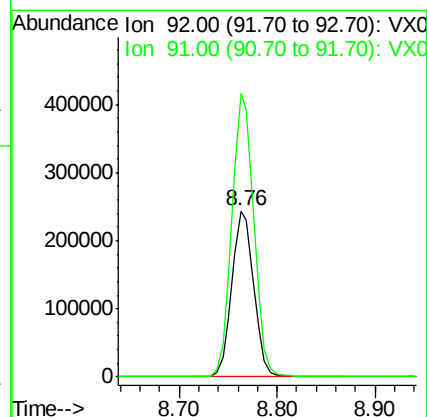
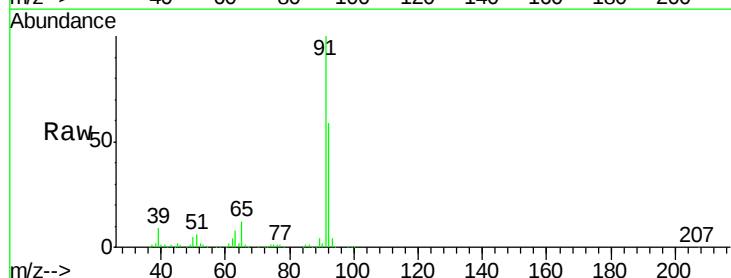
Acq: 05 Nov 2020 02:24

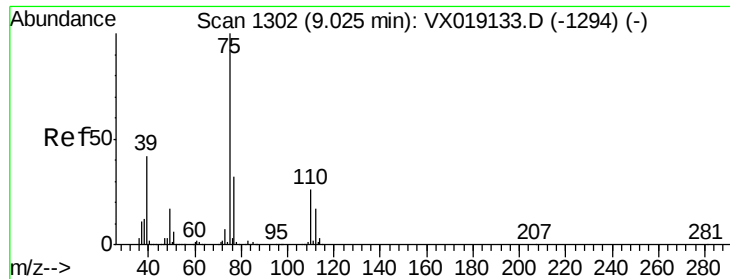
Tgt Ion: 92 Resp: 378386

Ion Ratio Lower Upper

92 100

91 171.0 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 49.625 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

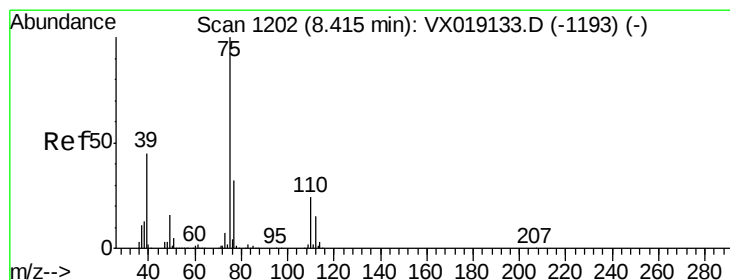
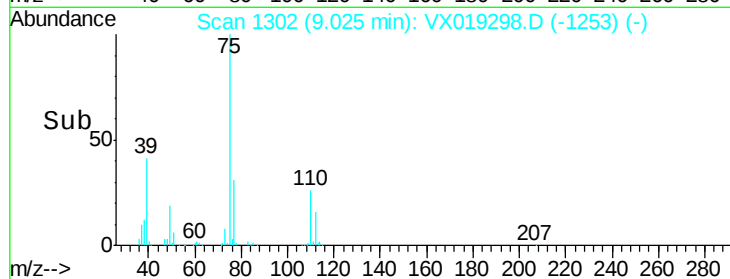
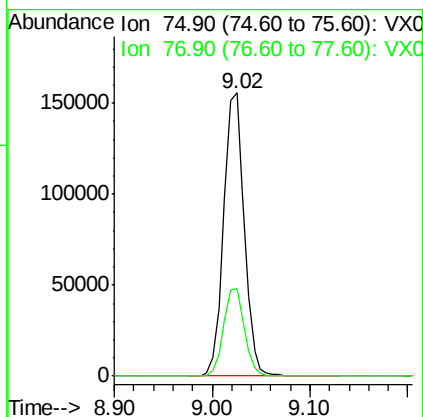
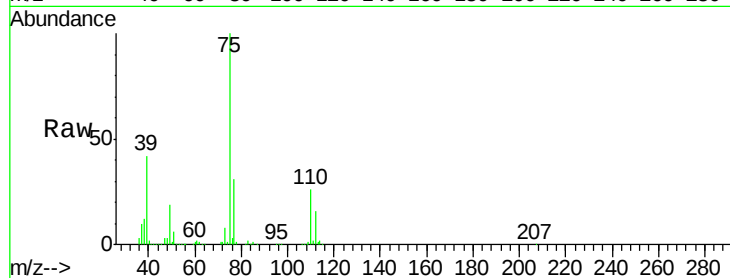
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 227511

Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 50.979 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

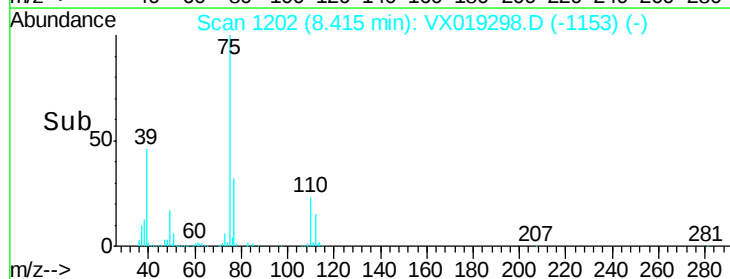
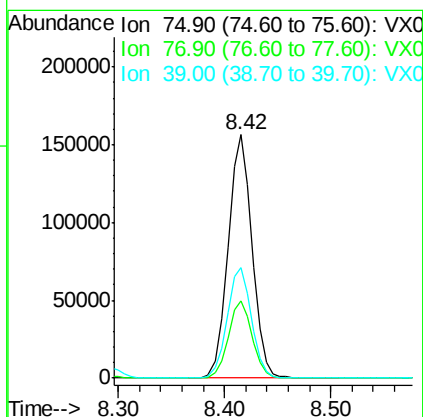
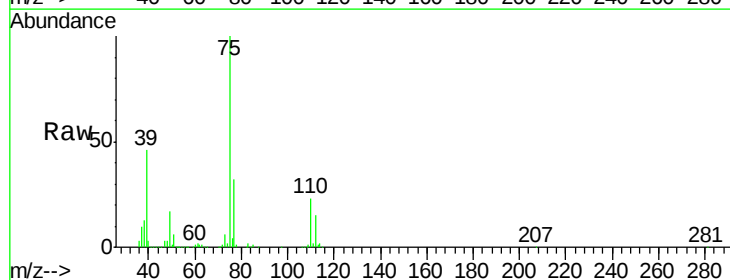
Tgt Ion: 75 Resp: 245769

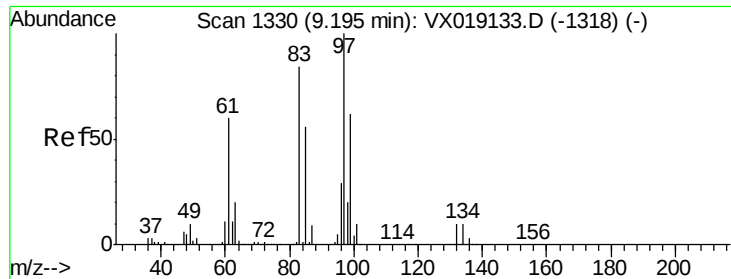
Ion Ratio Lower Upper

75 100

77 32.0 25.5 38.3

39 45.5 36.2 54.2



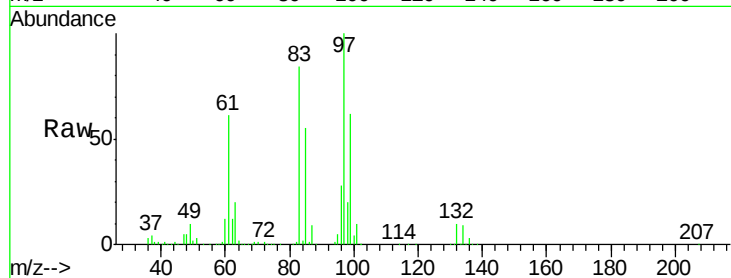


#55
 1,1,2-Trichloroethane
 Concen: 52.423 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019298.D
 Acq: 05 Nov 2020 02:24

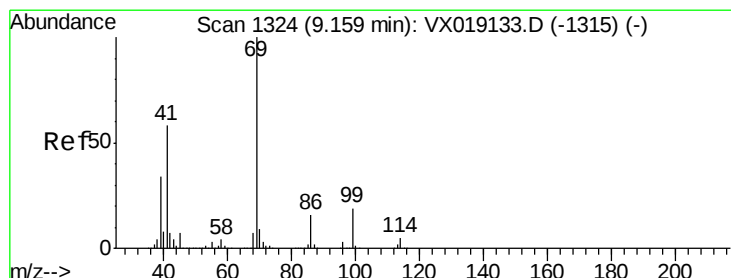
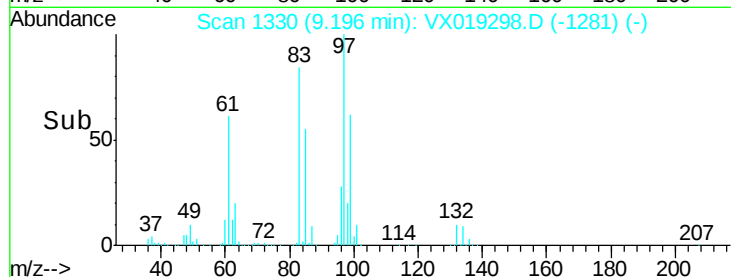
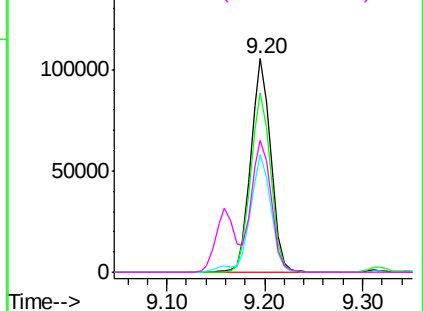
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 97 Resp: 149992

Ion	Ratio	Lower	Upper
97	100		
83	83.7	67.2	100.8
85	55.0	44.6	67.0
99	62.0	49.4	74.0



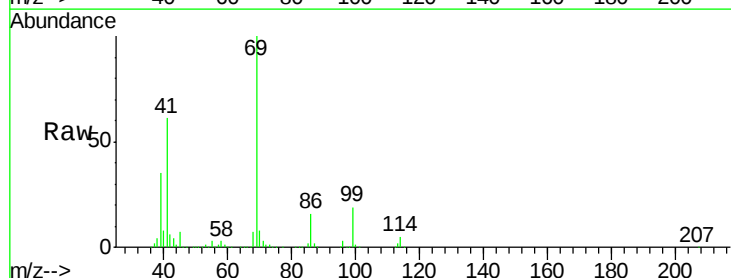
Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0



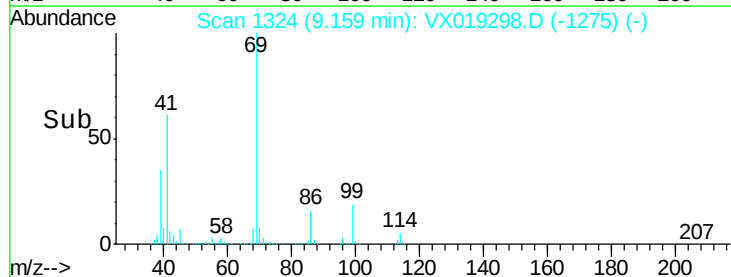
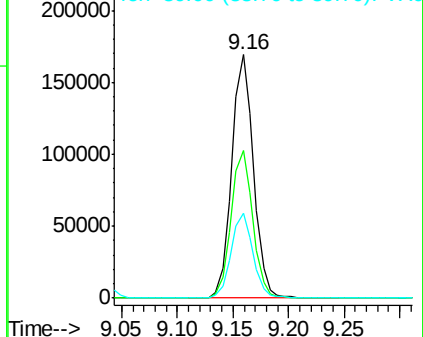
#56
 Ethyl methacrylate
 Concen: 52.928 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX019298.D
 Acq: 05 Nov 2020 02:24

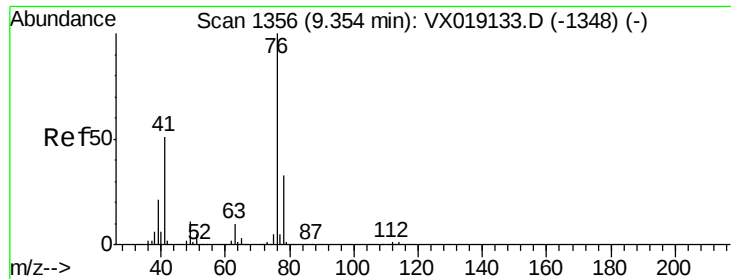
Tgt Ion: 69 Resp: 228741

Ion	Ratio	Lower	Upper
69	100		
41	60.6	46.5	69.7
39	35.0	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: 52.219 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Instrument :

MSVOA_X

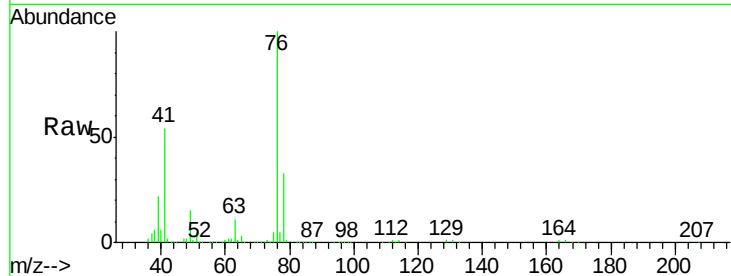
ClientSampleId :

Tot Ion: 76 Resp: 251903

Ion Ratio Lower Upper

76 100

78 32.9 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

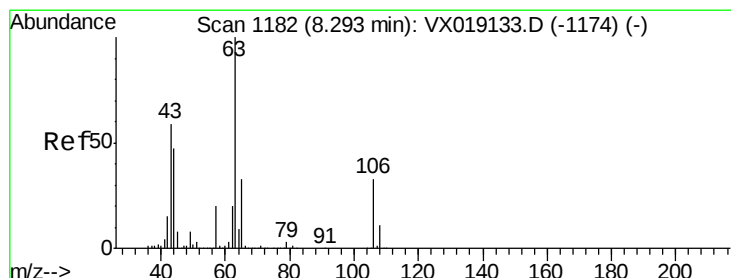
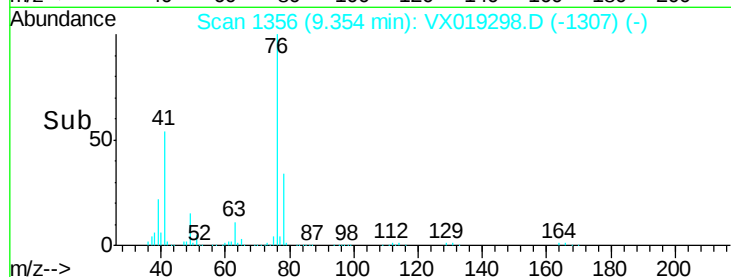
150000

100000

50000

0

Time--> 9.25 9.30 9.35 9.40 9.45



#58

2-Chloroethyl Vinyl ether

Concen: 251.606 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX019298.D

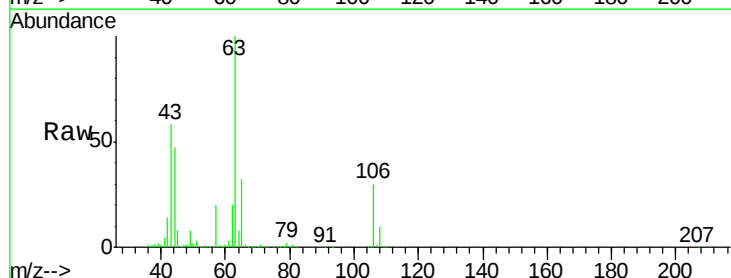
Acq: 05 Nov 2020 02:24

Tgt Ion: 63 Resp: 608126

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

8.29

400000

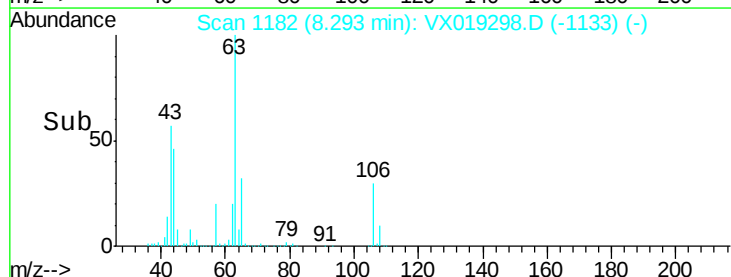
300000

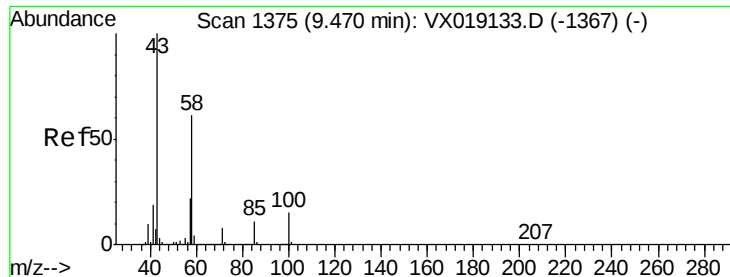
200000

100000

0

Time--> 8.20 8.30 8.40

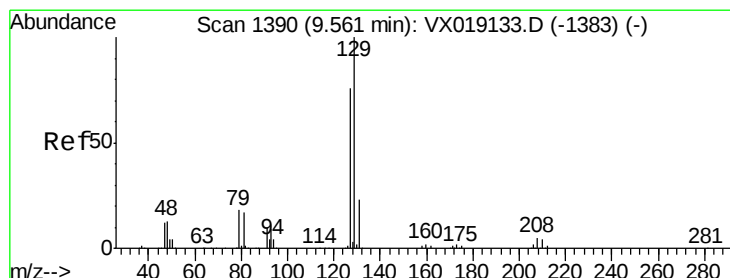
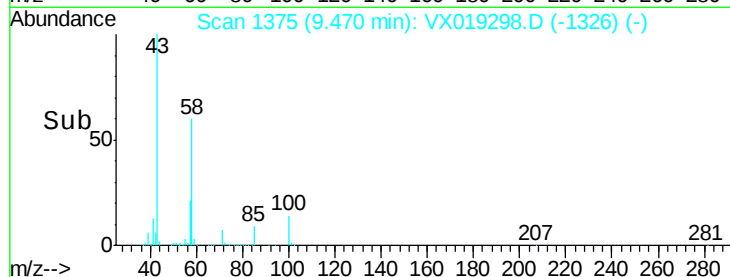
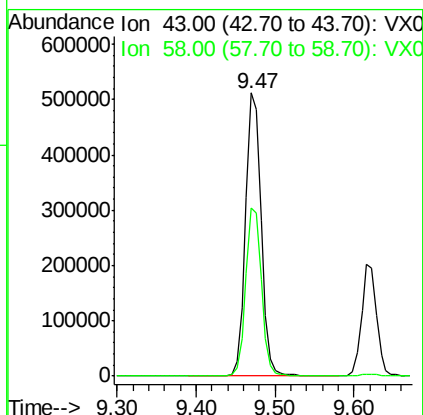
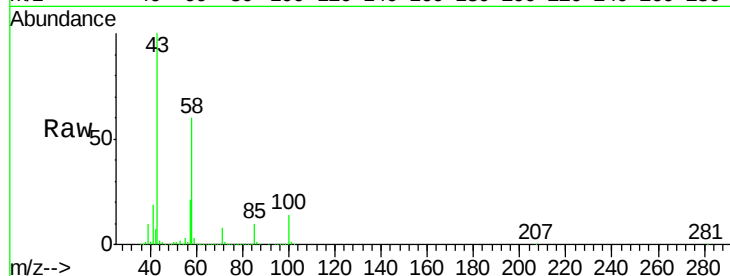




#59
2-Hexanone
Concen: 260.733 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

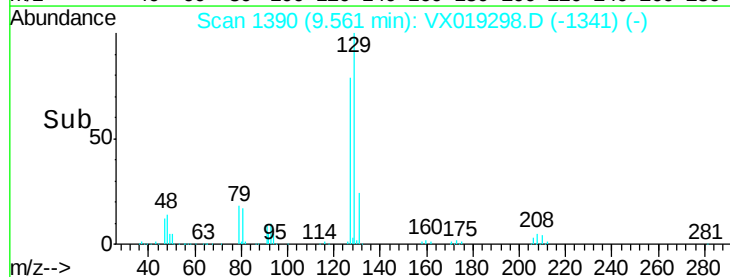
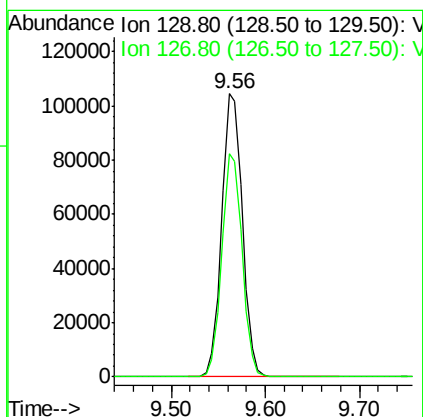
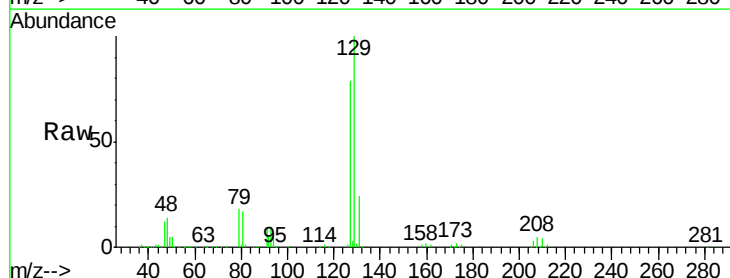
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 703258
Ion Ratio Lower Upper
43 100
58 60.0 30.5 91.5



#60
Dibromochloromethane
Concen: 51.054 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Tgt Ion: 129 Resp: 158529
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.8





#61

1,2-Dibromoethane

Concen: 50.964 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Instrument :

MSVOA_X

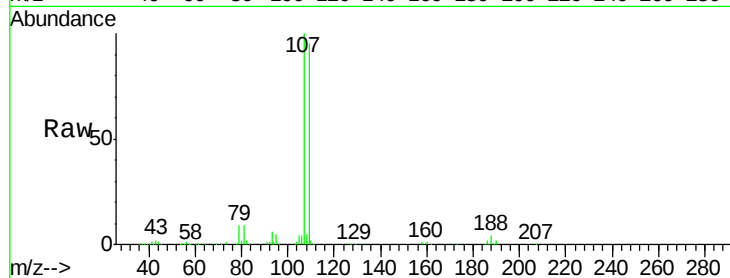
ClientSampleId :

Tot Ion:107 Resp: 155933

Ion Ratio Lower Upper

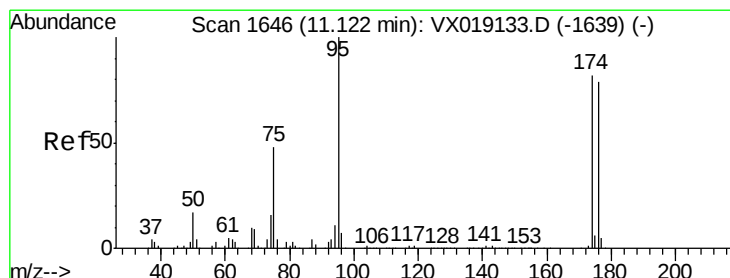
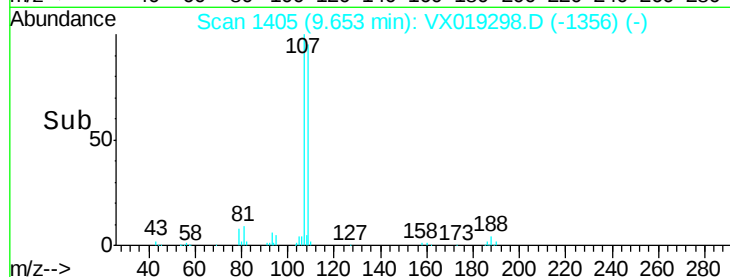
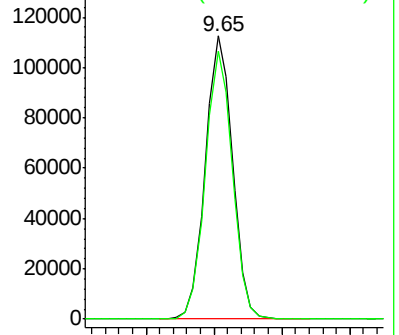
107 100

109 95.2 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.085 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

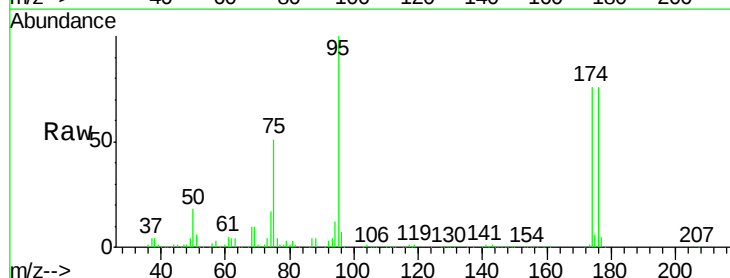
Tgt Ion: 95 Resp: 185167

Ion Ratio Lower Upper

95 100

174 75.1 0.0 156.0

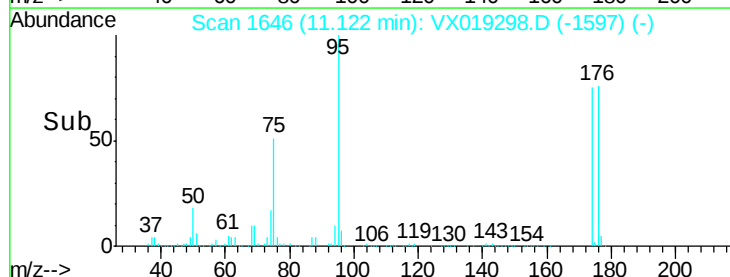
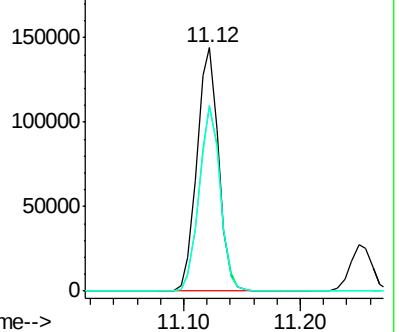
176 73.8 0.0 149.8

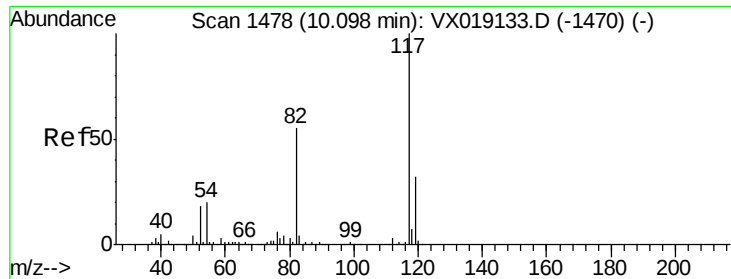


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

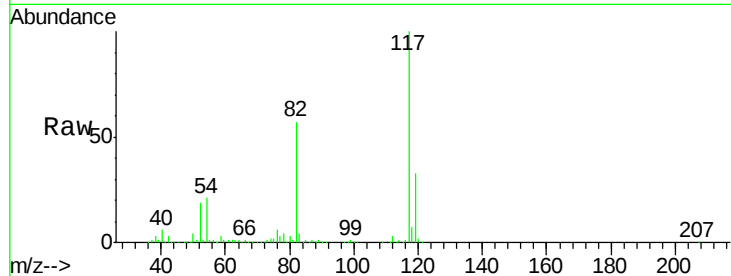




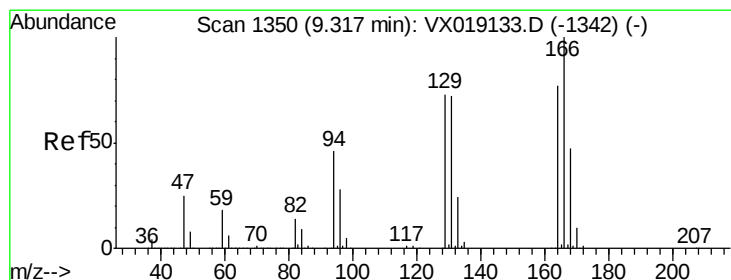
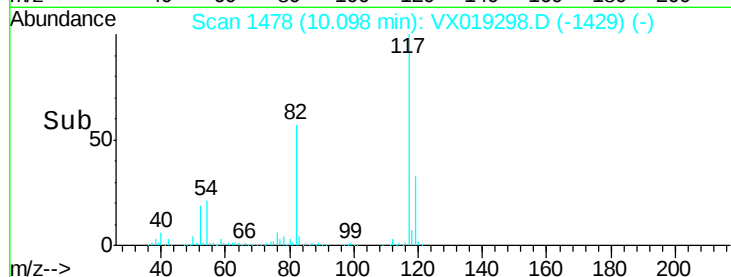
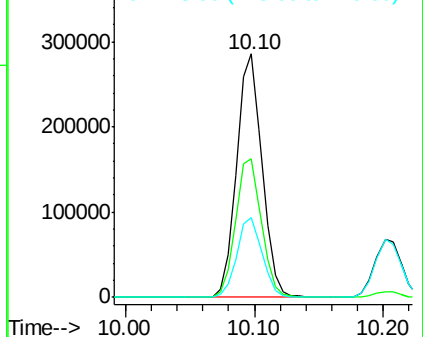
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 390304
Ion Ratio Lower Upper
117 100
82 57.0 43.6 65.4
119 32.6 25.5 38.3

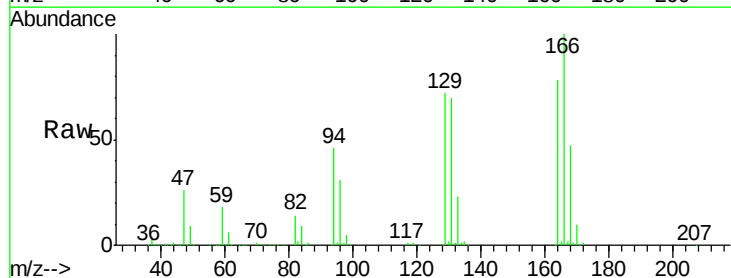


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

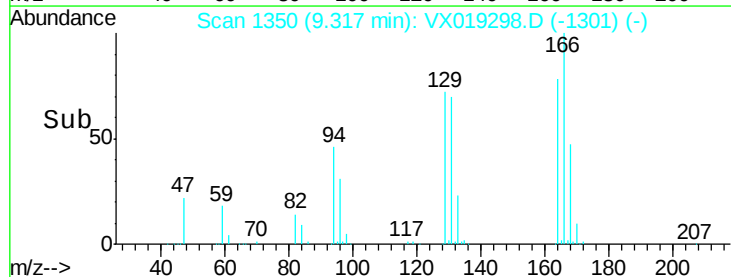
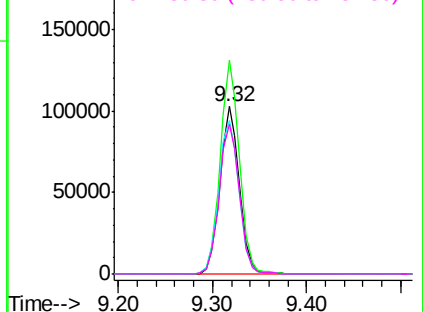


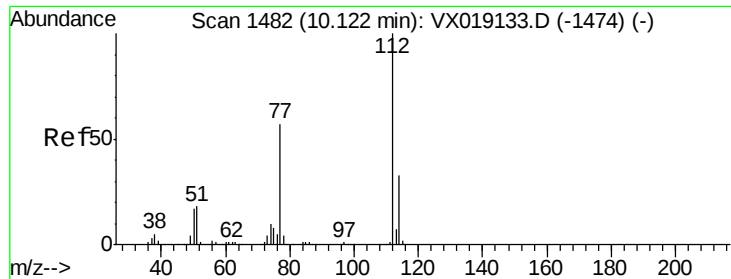
#64
Tetrachloroethene
Concen: 49.012 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Tgt Ion:164 Resp: 145746
Ion Ratio Lower Upper
164 100
166 127.7 104.1 156.1
129 92.1 76.2 114.4
131 89.2 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

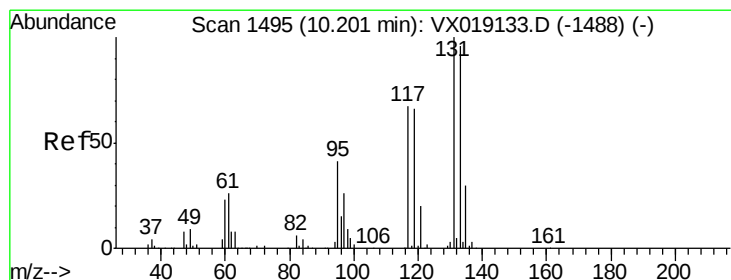
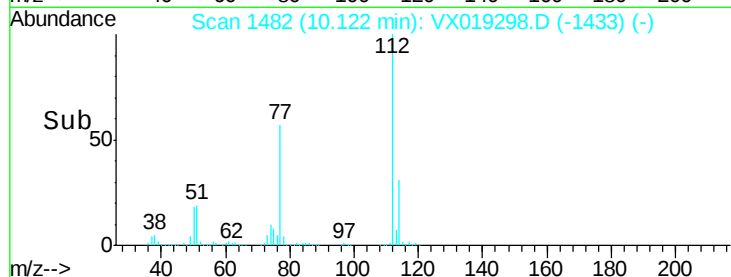
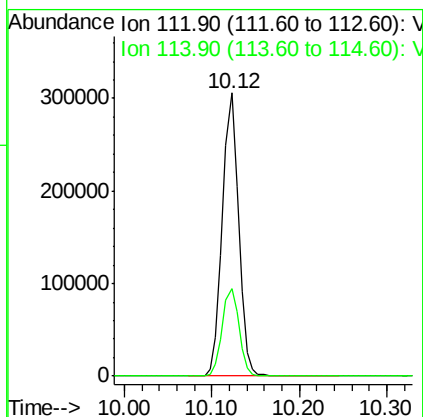
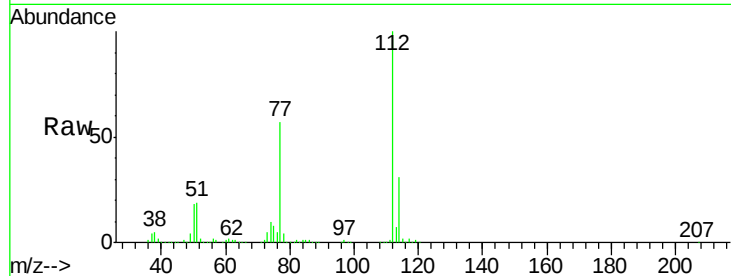




#65
Chlorobenzene
Concen: 49.284 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

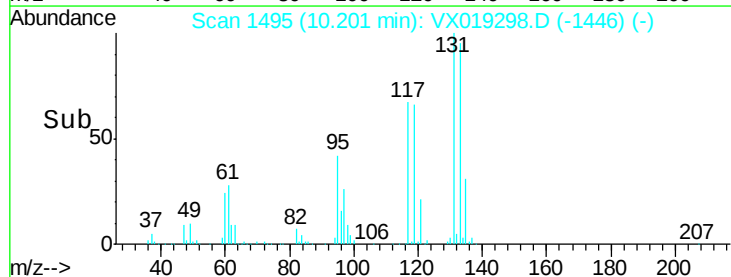
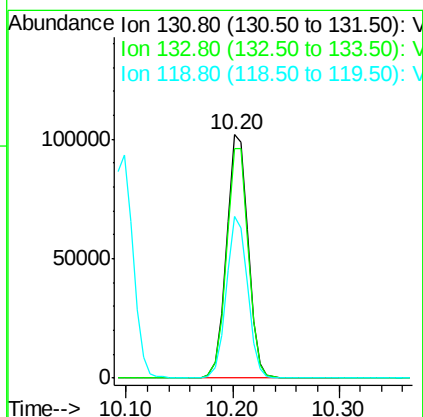
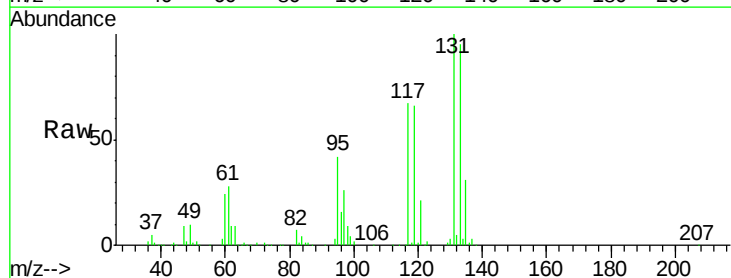
Instrument :
MSVOA_X
ClientSampleId :

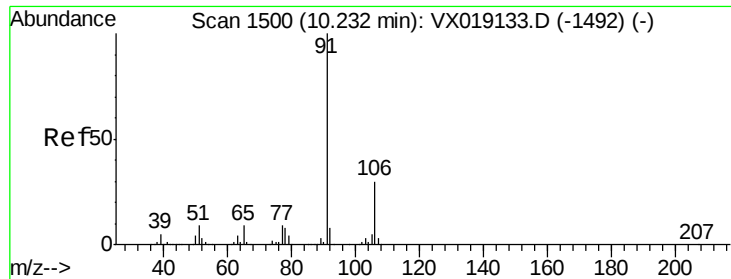
Tot Ion:112 Resp: 393158
Ion Ratio Lower Upper
112 100
114 31.1 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 50.493 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Tgt Ion:131 Resp: 145012
Ion Ratio Lower Upper
131 100
133 95.3 47.3 141.8
119 65.3 32.3 96.9

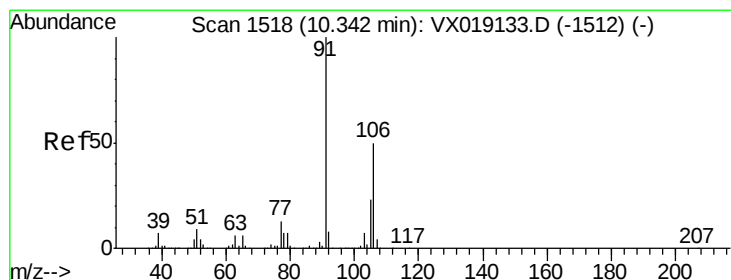
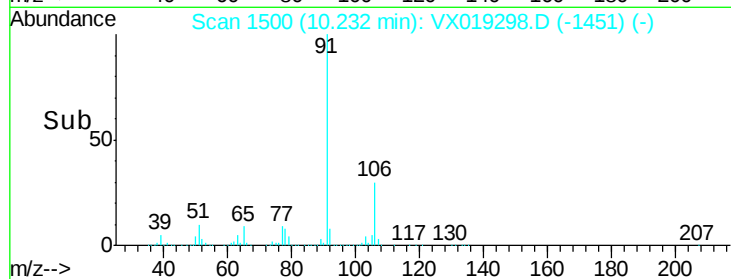
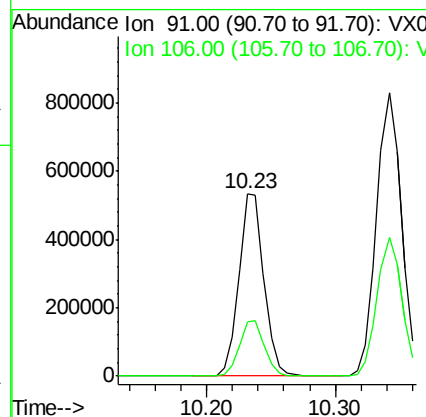
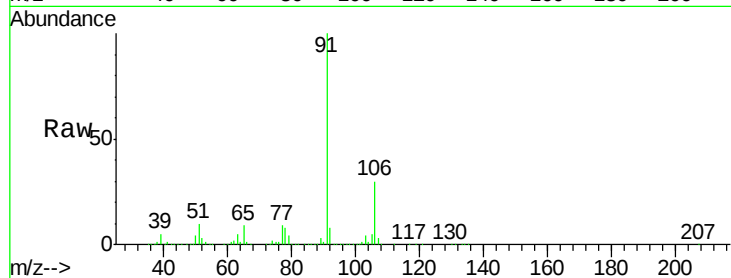




#67
Ethyl Benzene
Concen: 50.865 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

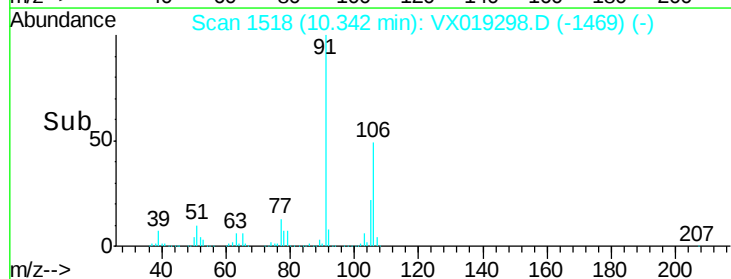
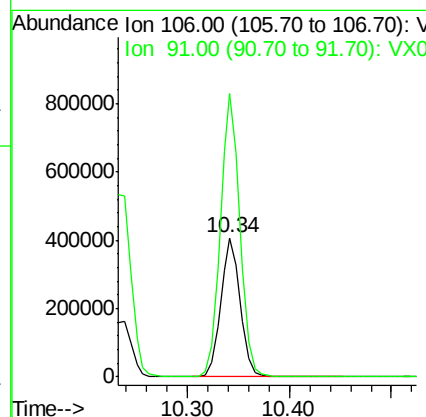
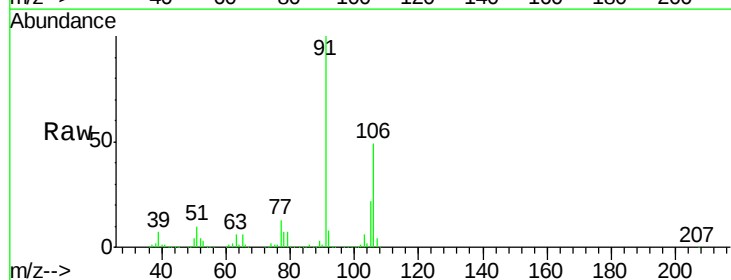
Instrument :
MSVOA_X
ClientSampled :

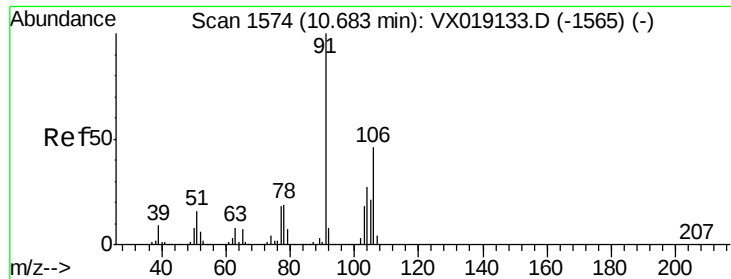
Tot Ion: 91 Resp: 723048
Ion Ratio Lower Upper
91 100
106 29.8 24.3 36.5



#68
m/p-Xylenes
Concen: 101.559 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Tgt Ion: 106 Resp: 541833
Ion Ratio Lower Upper
106 100
91 205.1 161.0 241.4

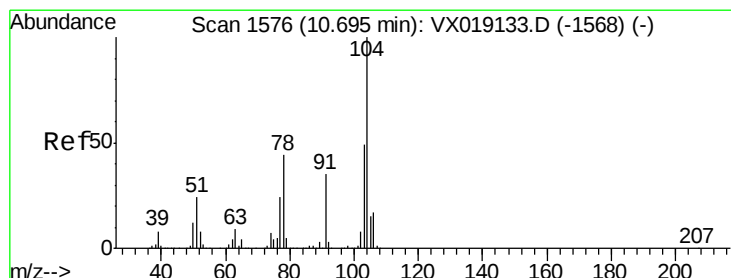
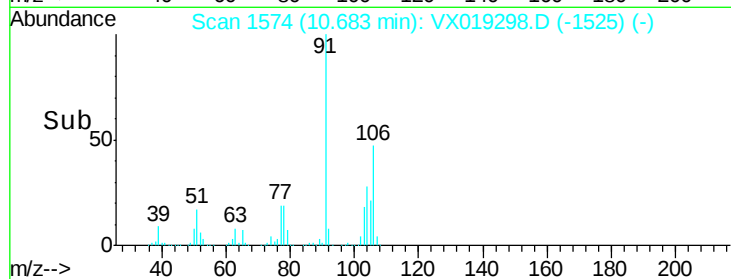
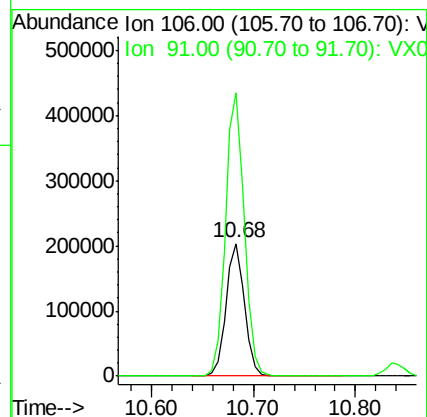
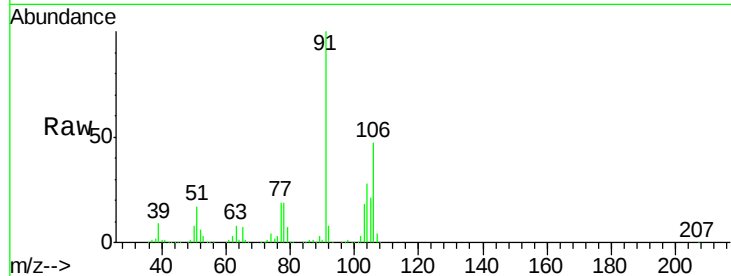




#69
o-Xylene
Concen: 50.741 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

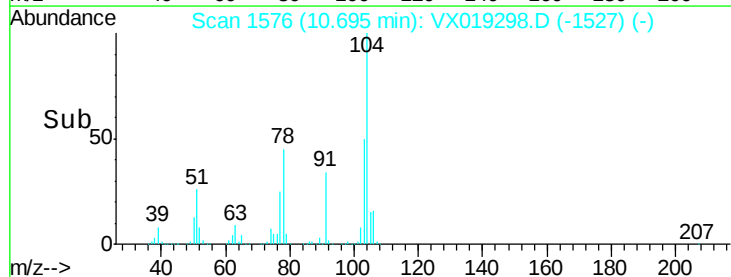
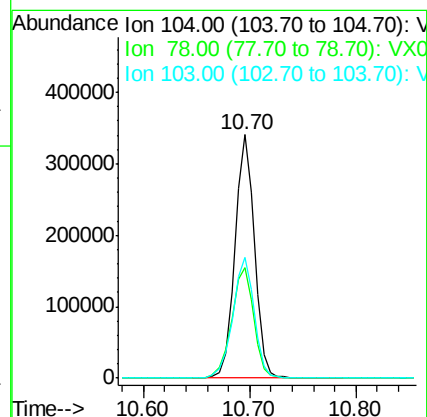
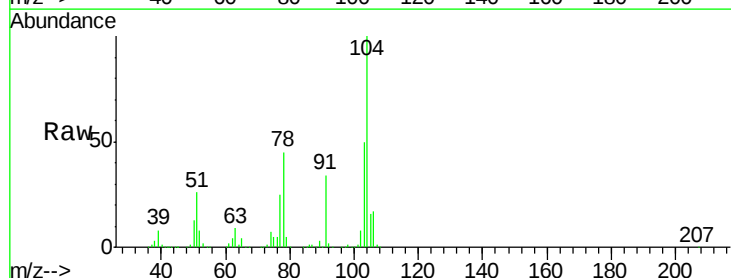
Instrument :
MSVOA_X
ClientSampleId :

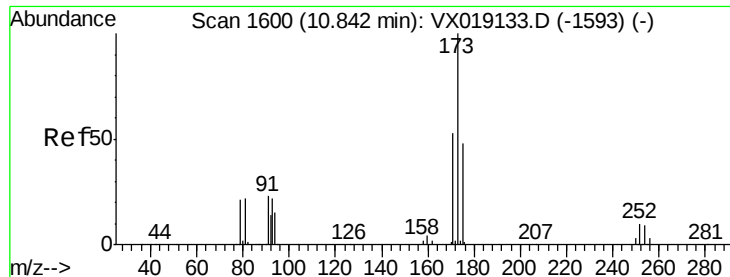
Tot Ion:106 Resp: 256767
Ion Ratio Lower Upper
106 100
91 217.2 108.3 324.8



#70
Styrene
Concen: 50.889 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Tgt Ion:104 Resp: 439389
Ion Ratio Lower Upper
104 100
78 51.2 40.0 60.0
103 54.3 43.5 65.3





#71

Bromoform

Concen: 48.595 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Instrument :

MSVOA_X

ClientSampleId :

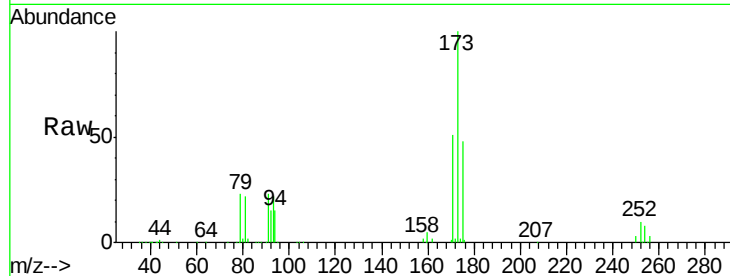
Tot Ion:173 Resp: 110652

Ion Ratio Lower Upper

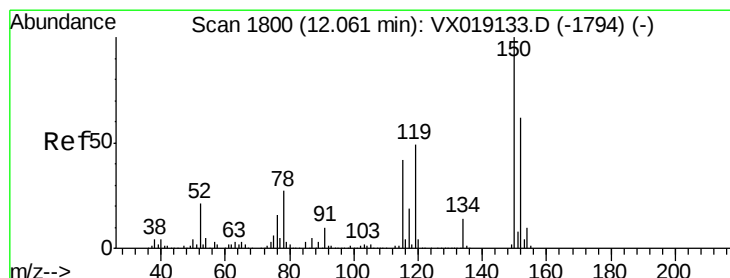
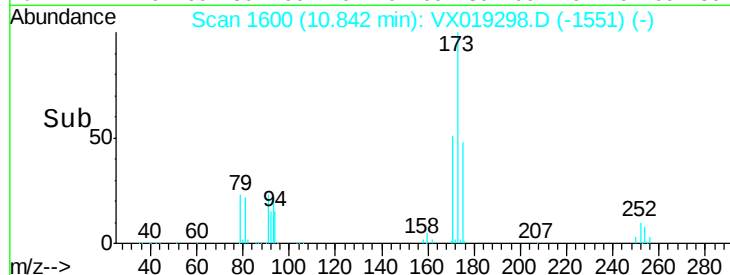
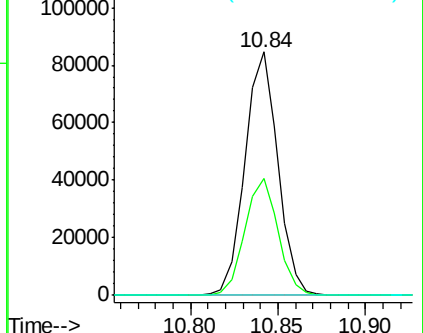
173 100

175 48.3 24.4 73.4

254 0.1 0.1 0.1



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

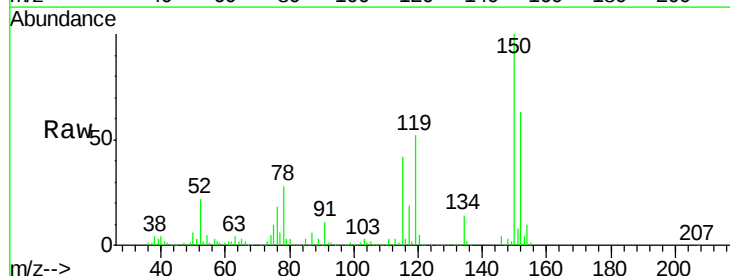
Tgt Ion:152 Resp: 201581

Ion Ratio Lower Upper

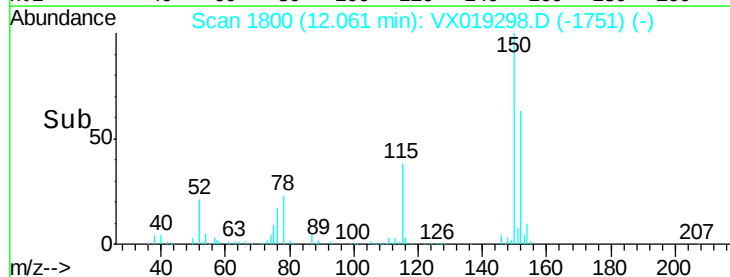
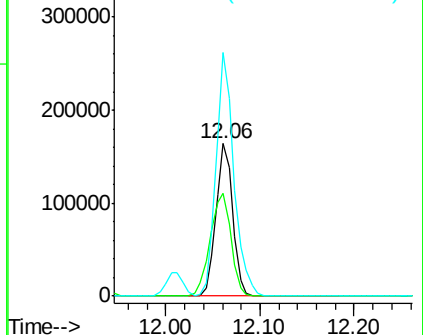
152 100

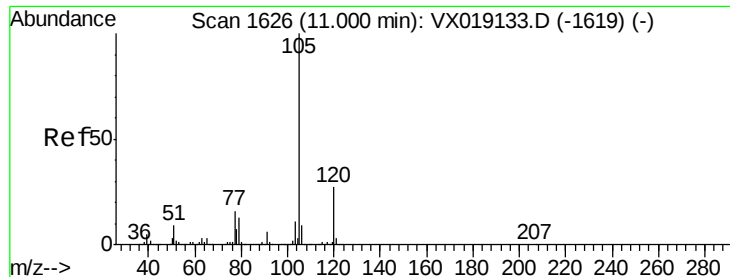
115 83.4 41.9 125.7

150 170.7 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: 48.908 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Instrument :

MSVOA_X

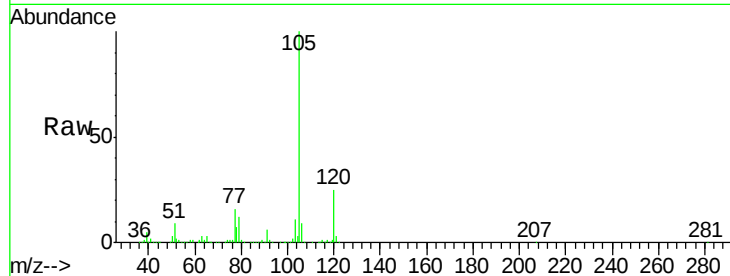
ClientSampleId :

Tot Ion:105 Resp: 697863

Ion Ratio Lower Upper

105 100

120 26.0 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

600000

500000

400000

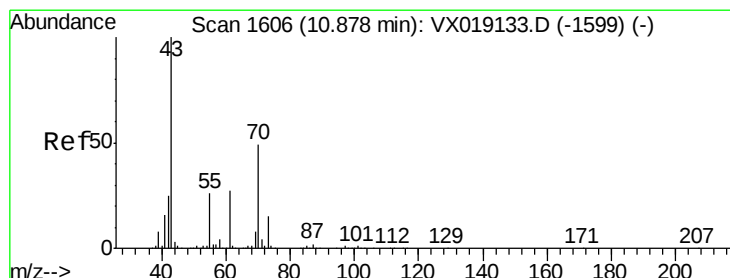
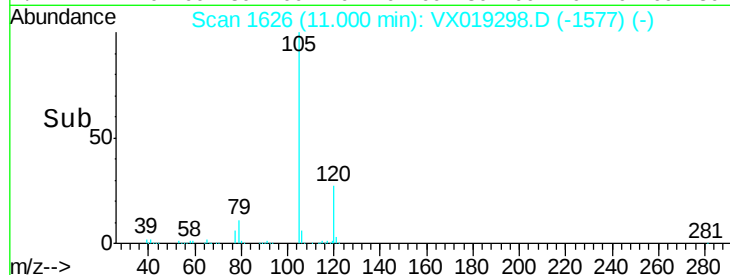
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 51.779 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Tgt Ion: 43 Resp: 270136

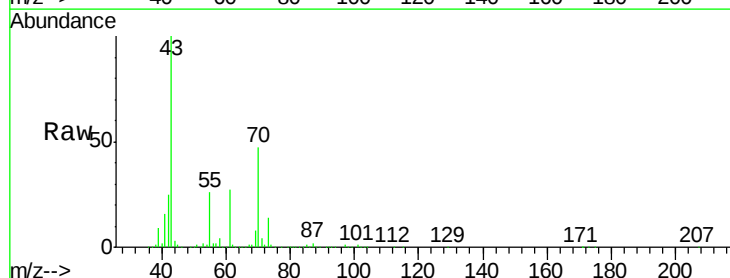
Ion Ratio Lower Upper

43 100

70 47.7 39.6 59.4

55 26.5 20.7 31.1

61 26.7 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

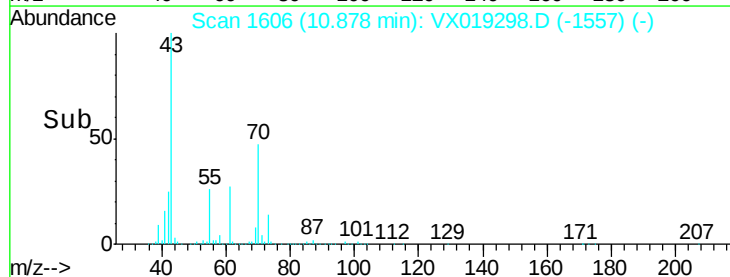
300000

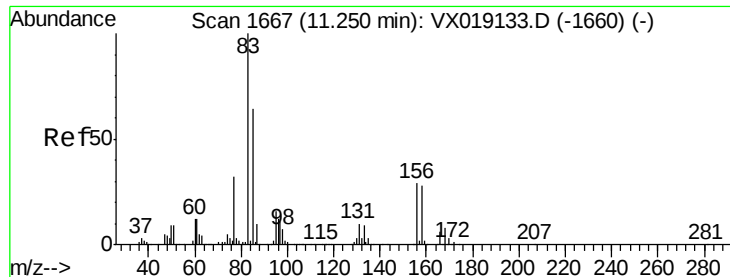
200000

100000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 50.488 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Instrument :

MSVOA_X

ClientSampleId :

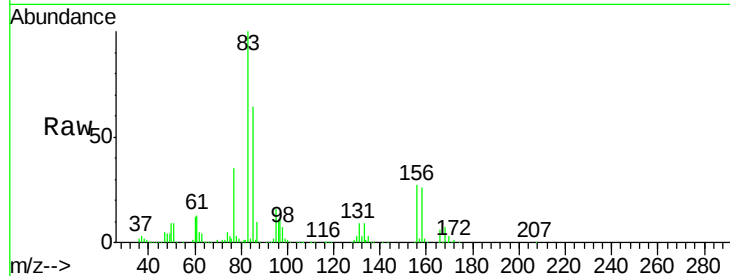
Tot Ion: 83 Resp: 225145

Ion Ratio Lower Upper

83 100

131 9.9 5.2 15.6

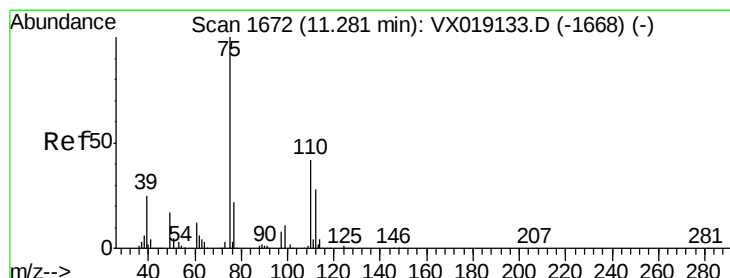
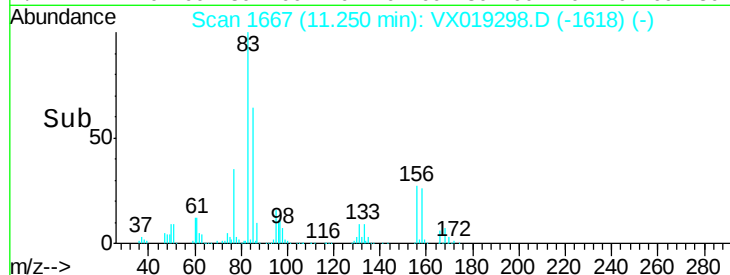
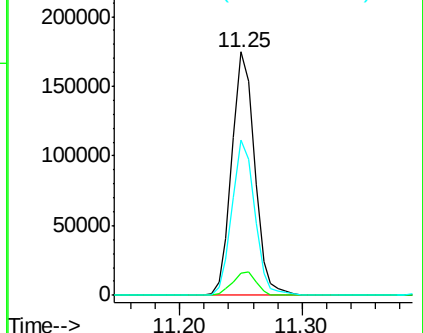
85 63.7 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 61.223 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019298.D

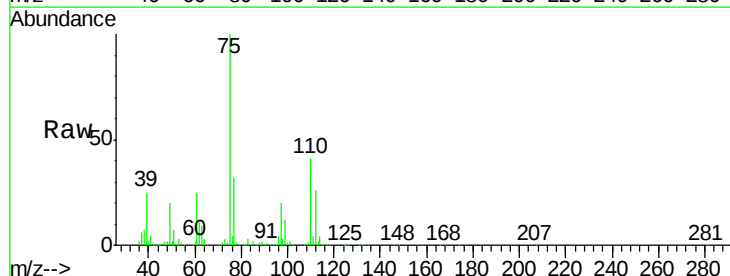
Acq: 05 Nov 2020 02:24

Tgt Ion: 75 Resp: 254822

Ion Ratio Lower Upper

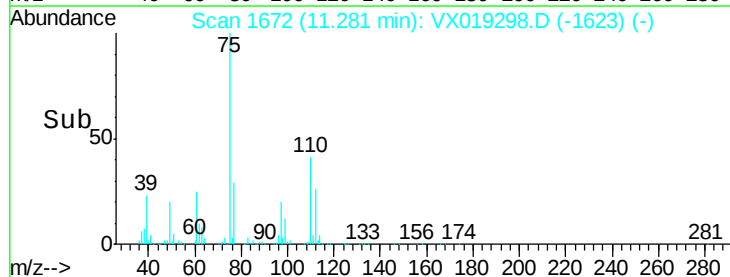
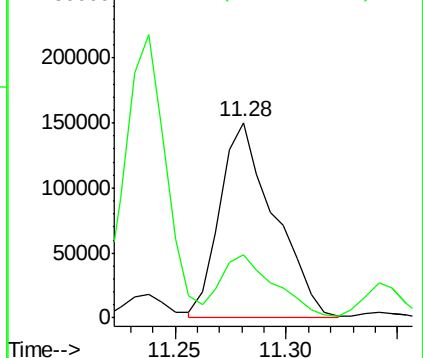
75 100

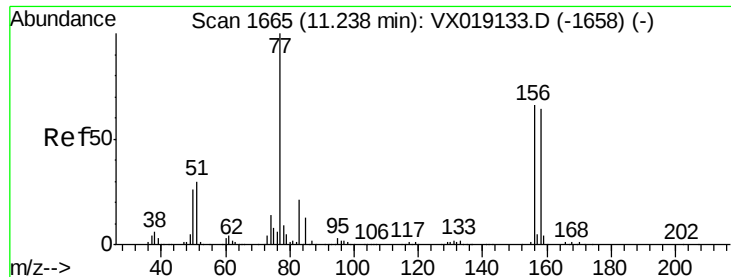
77 32.0 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.926 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Instrument :

MSVOA_X

ClientSampled :

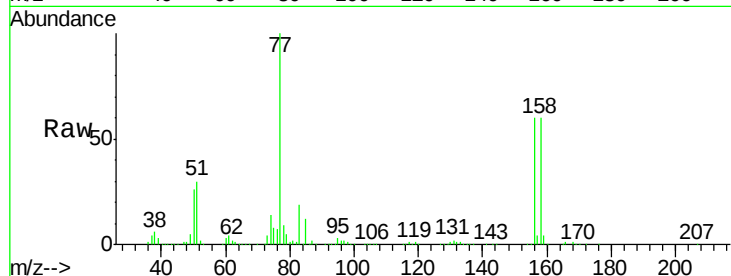
Tot Ion:156 Resp: 166181

Ion Ratio Lower Upper

156 100

77 167.7 77.7 233.1

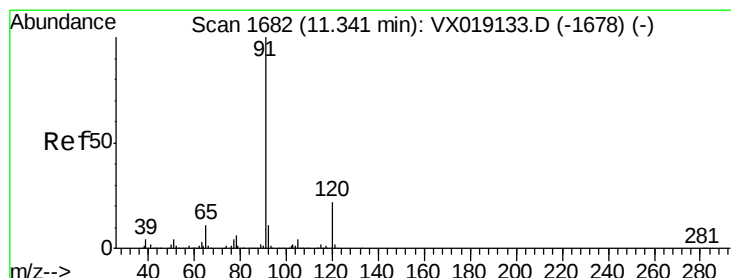
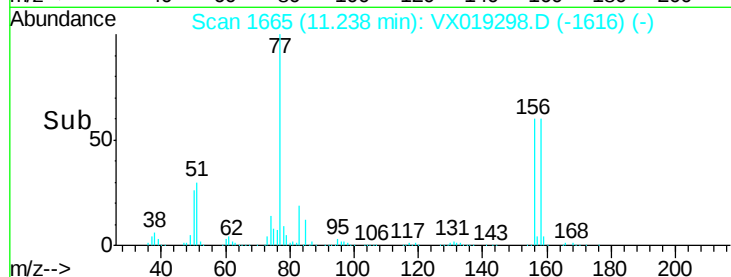
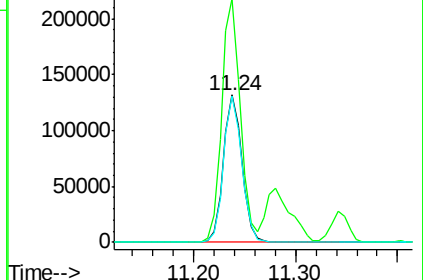
158 98.2 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.198 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019298.D

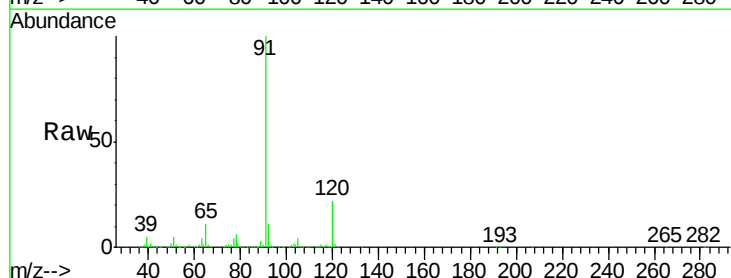
Acq: 05 Nov 2020 02:24

Tgt Ion: 91 Resp: 801356

Ion Ratio Lower Upper

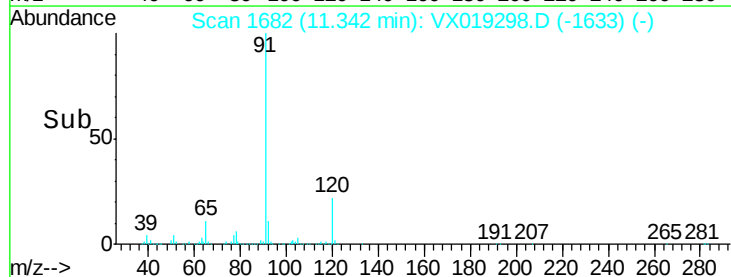
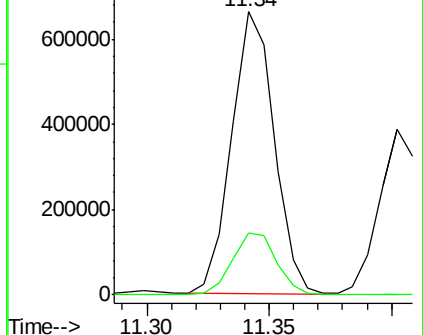
91 100

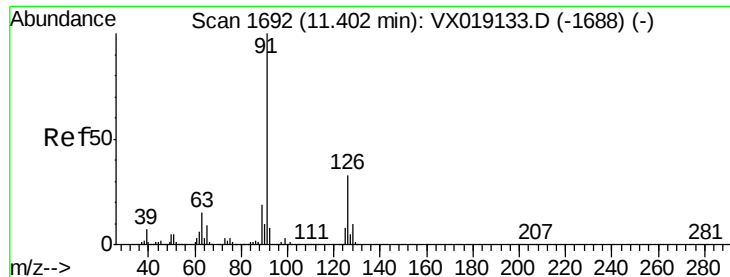
120 22.8 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.536 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Instrument :

MSVOA_X

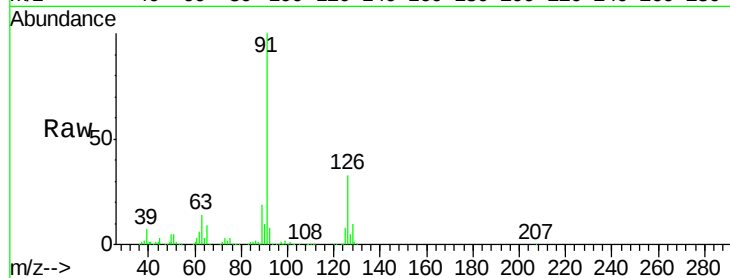
ClientSampleId :

Tot Ion: 91 Resp: 475028

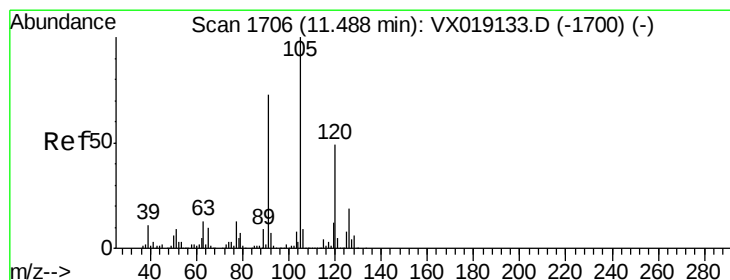
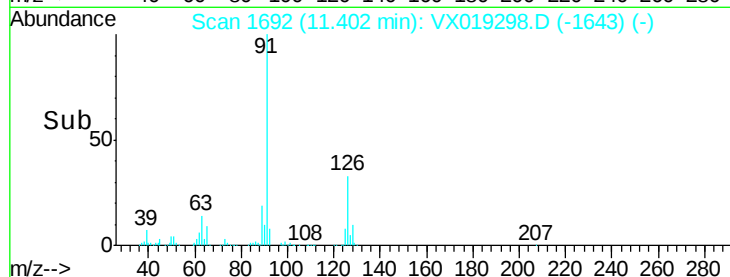
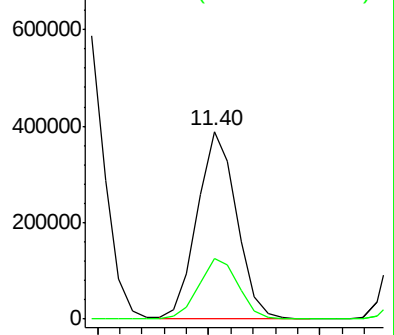
Ion Ratio Lower Upper

91 100

126 33.1 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VX019133.D (-1688) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.688 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019298.D

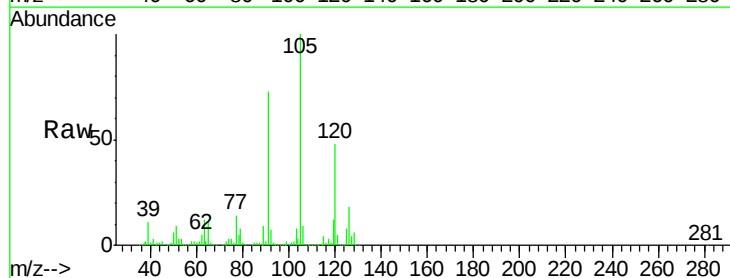
Acq: 05 Nov 2020 02:24

Tgt Ion: 105 Resp: 586904

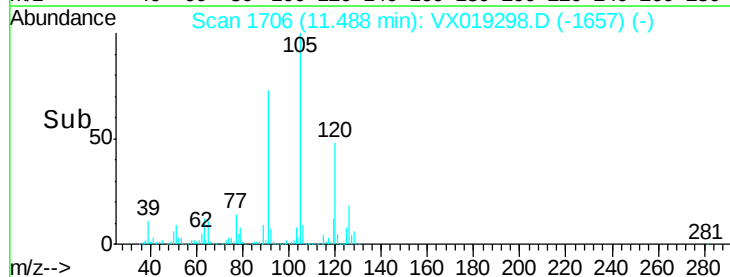
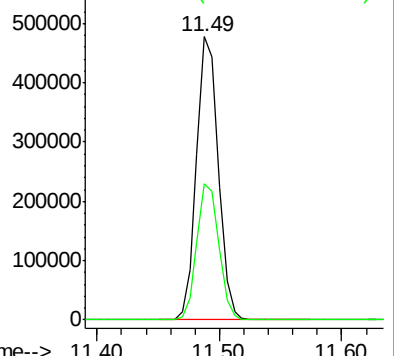
Ion Ratio Lower Upper

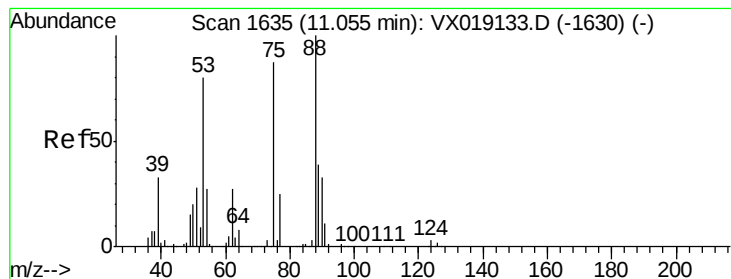
105 100

120 48.6 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX019133.D (-1700) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 43.330 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Instrument :

MSVOA_X

ClientSampleId :

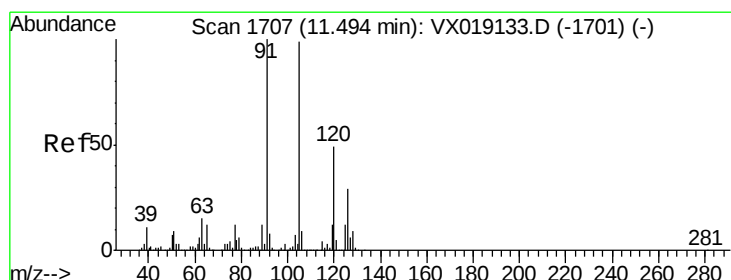
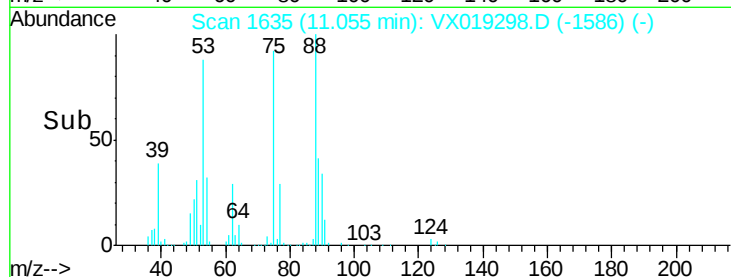
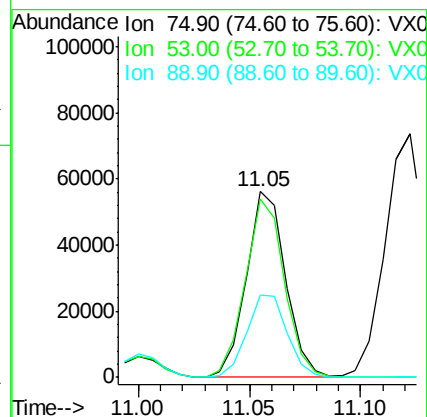
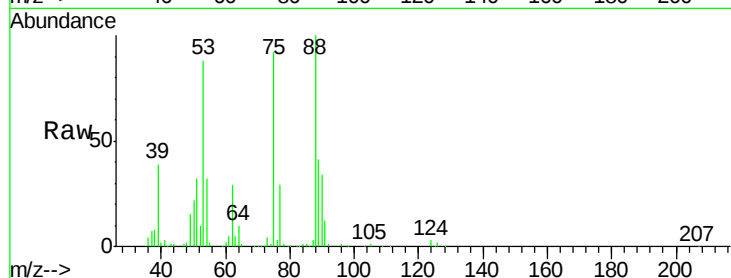
Tot Ion: 75 Resp: 68496

Ion Ratio Lower Upper

75 100

53 96.6 73.3 109.9

89 46.5 38.2 57.2



#82

4-Chlorotoluene

Concen: 48.588 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX019298.D

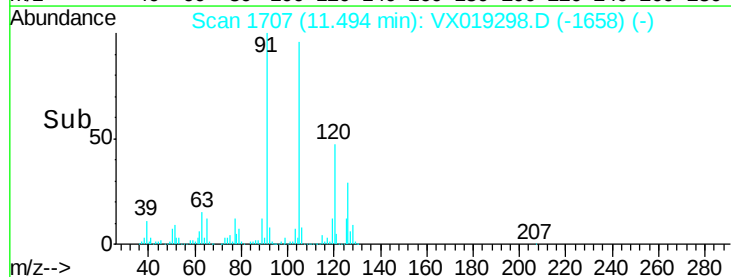
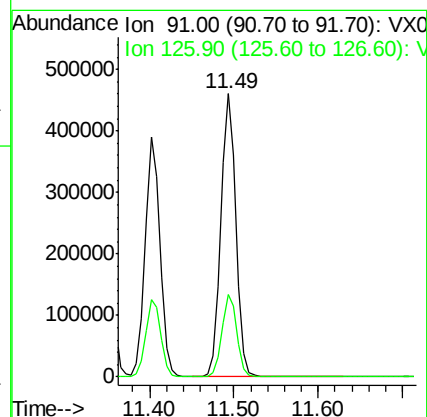
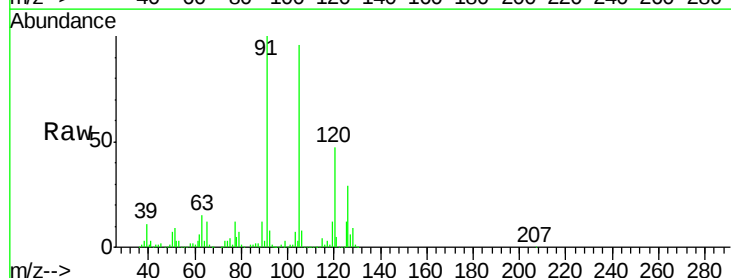
Acq: 05 Nov 2020 02:24

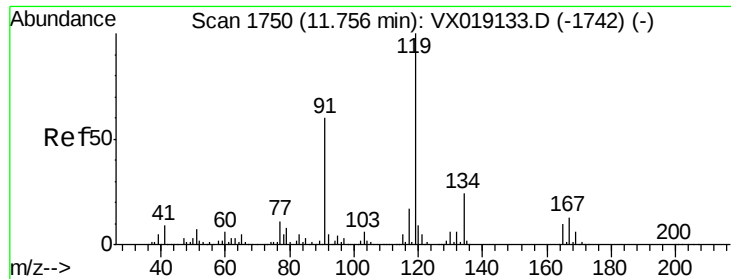
Tgt Ion: 91 Resp: 568979

Ion Ratio Lower Upper

91 100

126 28.8 14.8 44.4

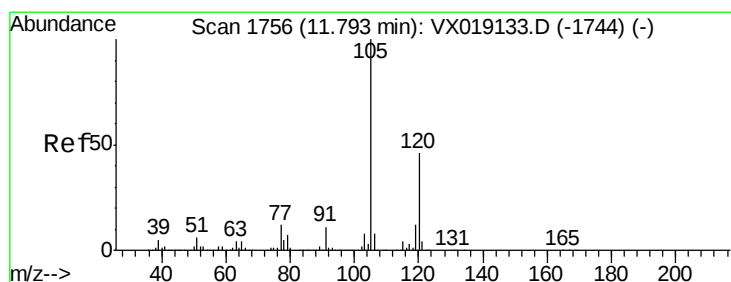
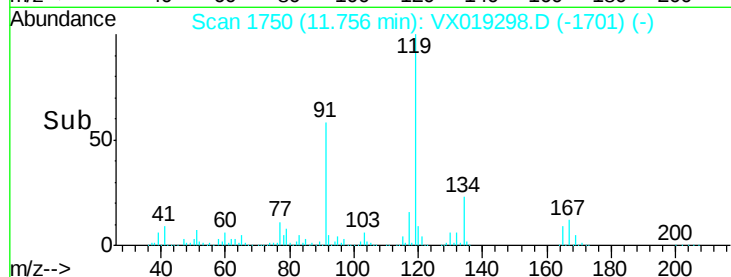
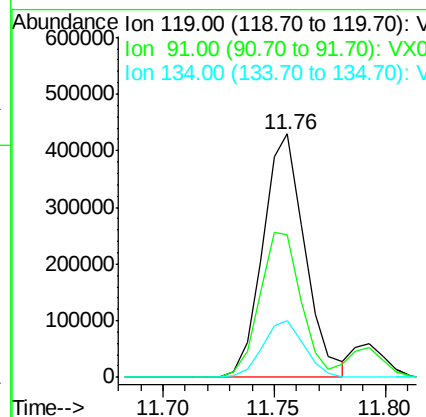
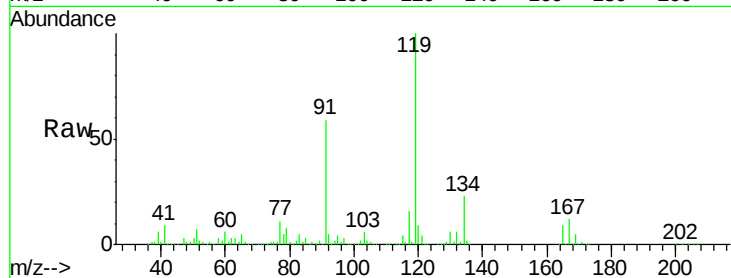




#83
tert-Butylbenzene
Concen: 48.942 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

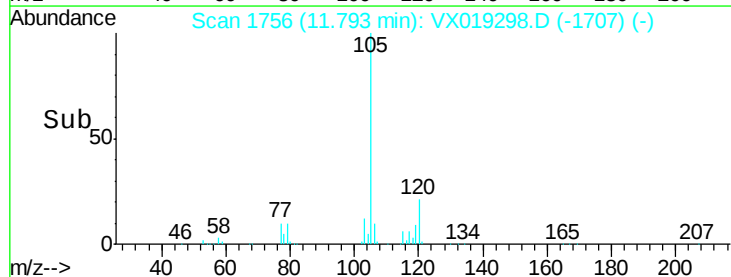
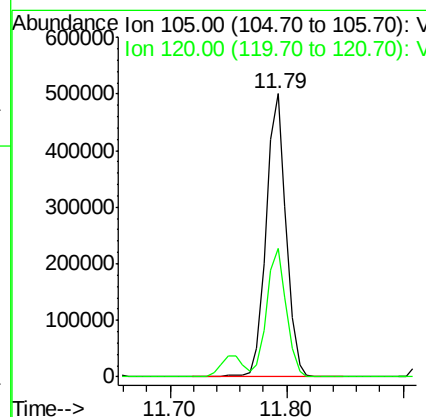
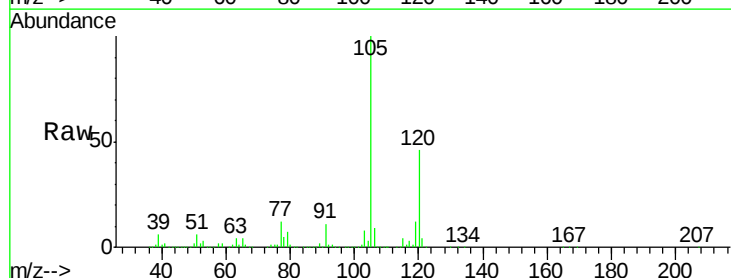
Instrument :
MSVOA_X
ClientSampleId :

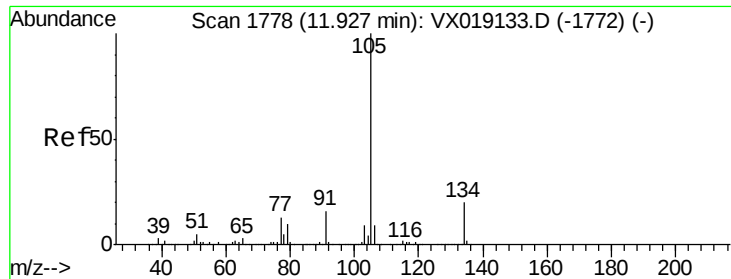
Tot Ion	Ratio	Lower	Upper
119	100		
91	58.7	29.0	87.1
134	22.9	11.7	35.0



#84
1,2,4-Trimethylbenzene
Concen: 48.785 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.4	67.3

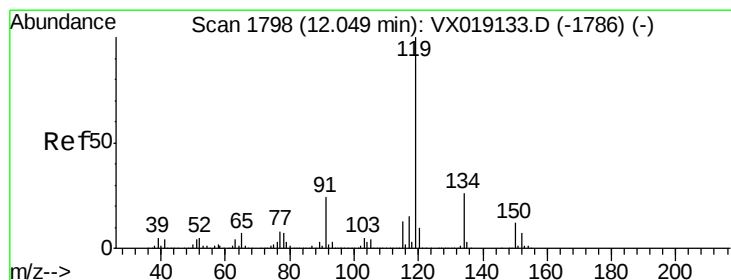
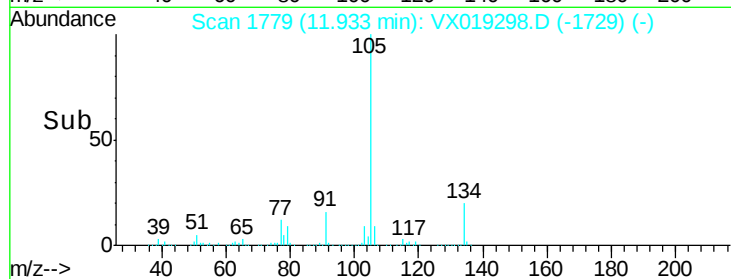
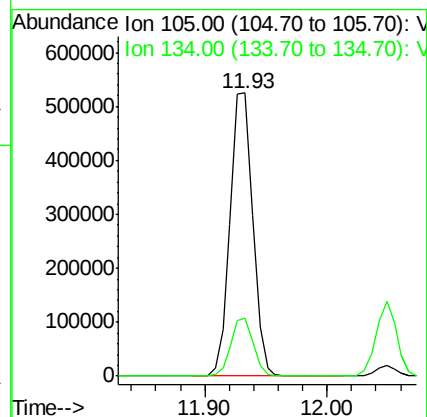
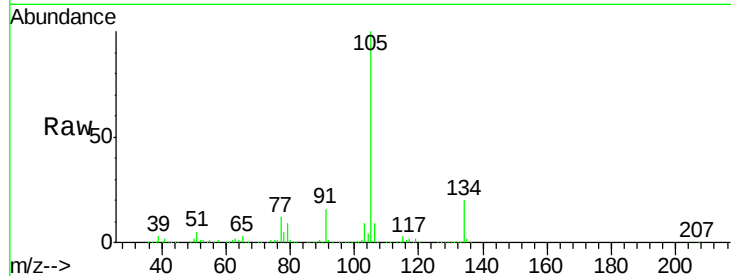




#85
 sec-Butylbenzene
 Concen: 48.606 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX019298.D
 Acq: 05 Nov 2020 02:24

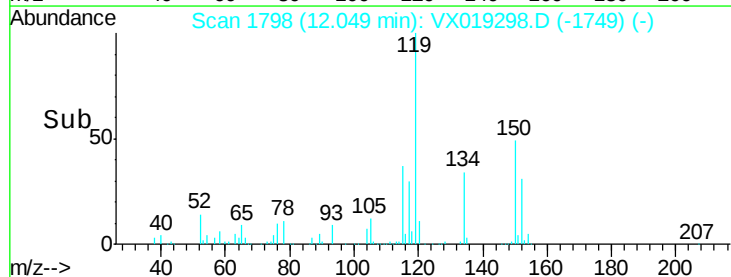
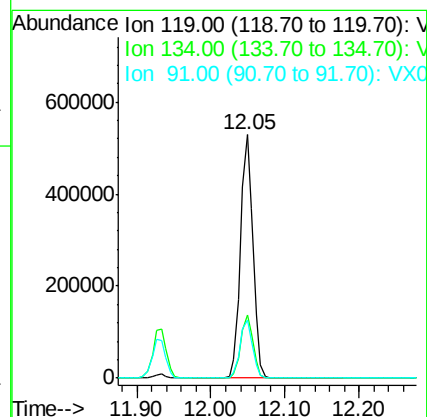
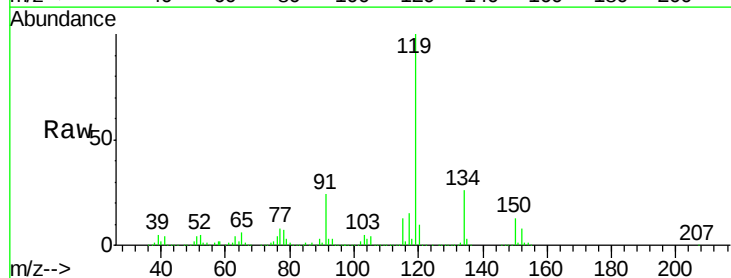
Instrument :
 MSVOA_X
 ClientSampleId :

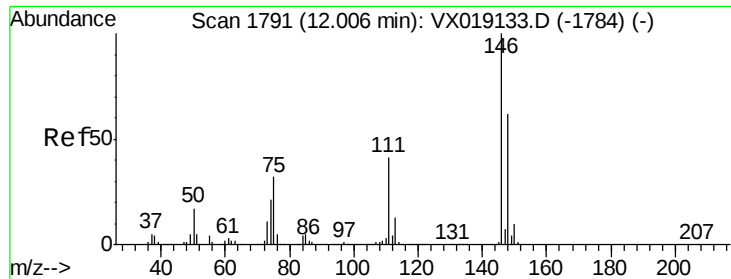
Tot Ion:105 Resp: 672860
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 48.856 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX019298.D
 Acq: 05 Nov 2020 02:24

Tgt Ion:119 Resp: 624247
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.7
 91 24.1 12.0 36.0

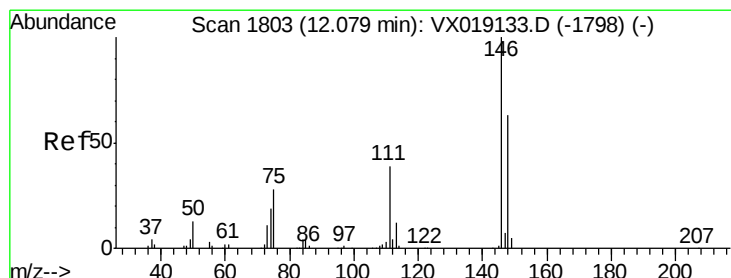
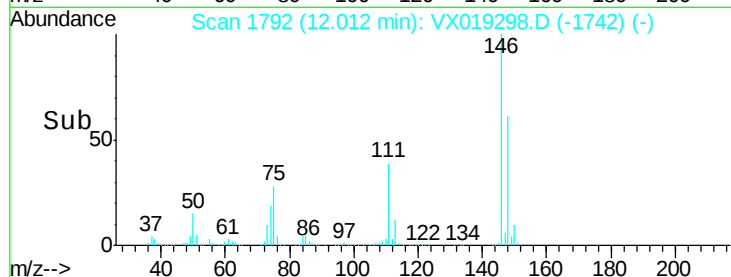
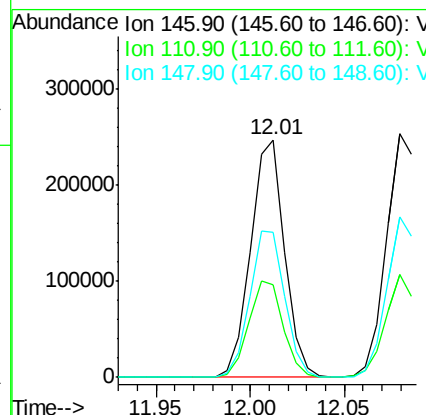
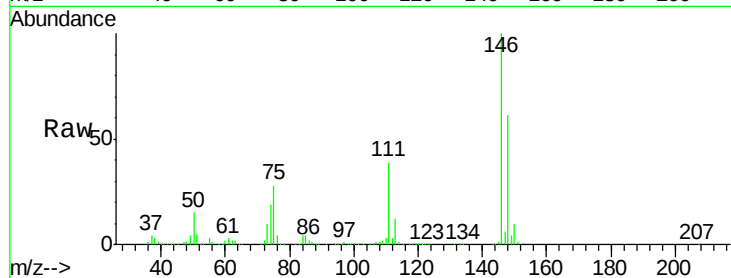




#87
 1,3-Dichlorobenzene
 Concen: 46.631 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019298.D
 Acq: 05 Nov 2020 02:24

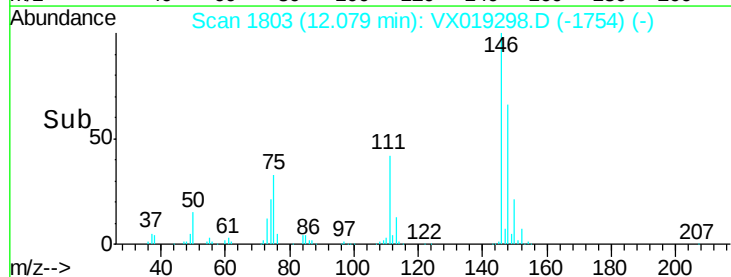
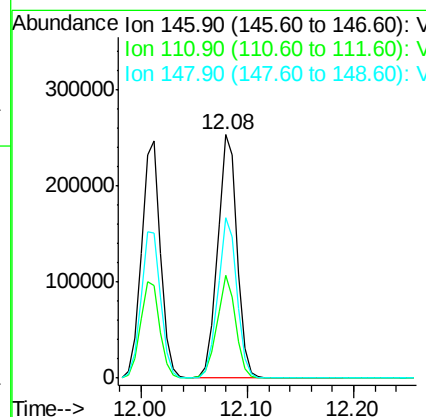
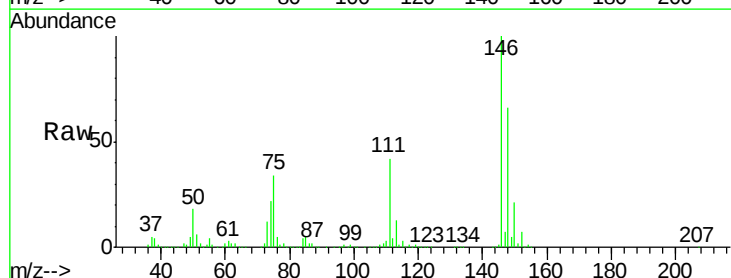
Instrument :
 MSVOA_X
 ClientSampled :

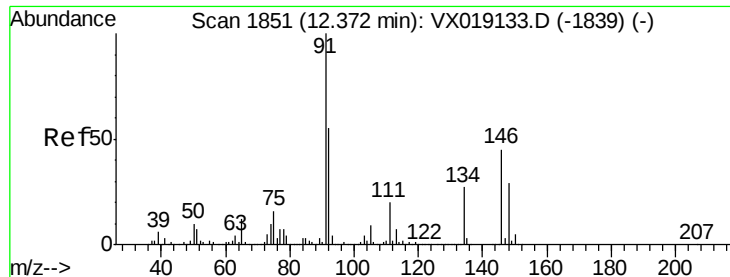
Tot Ion:146 Resp: 307534
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.4 61.2
 148 63.8 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 45.918 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019298.D
 Acq: 05 Nov 2020 02:24

Tgt Ion:146 Resp: 315231
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.2 60.5
 148 64.7 31.3 93.8





#89

n-Butylbenzene

Concen: 47.436 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Instrument :

MSVOA_X

ClientSampleId :

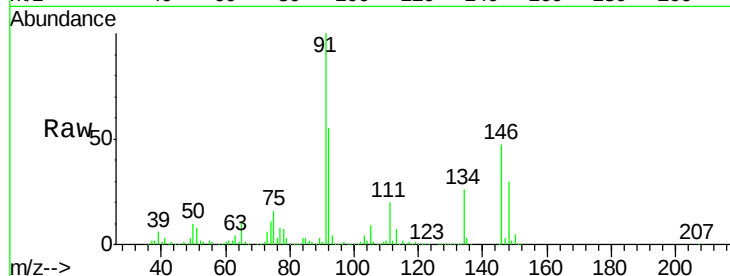
Tot Ion: 91 Resp: 569705

Ion Ratio Lower Upper

91 100

92 54.5 27.5 82.4

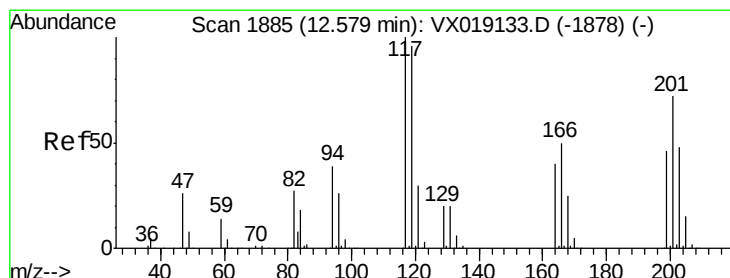
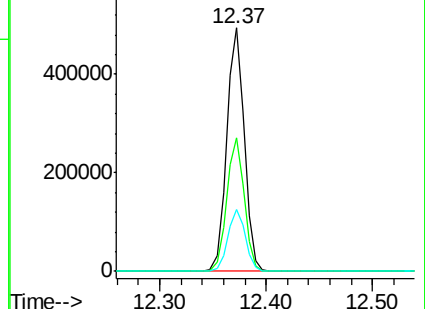
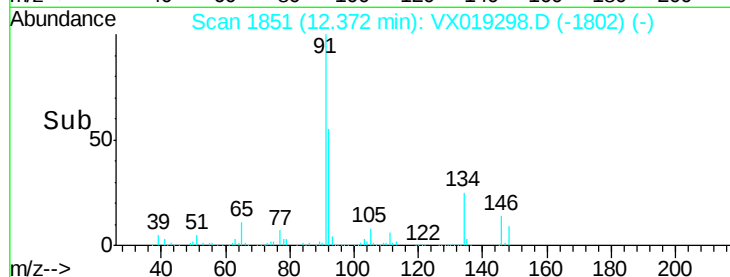
134 25.5 13.2 39.6



Abundance Ion 91.00 (90.70 to 91.70): VX019298.D (-1802) (-)

Ion 92.00 (91.70 to 92.70): VX019298.D (-1802) (-)

Ion 134.00 (133.70 to 134.70): VX019298.D (-1802) (-)



#90

Hexachloroethane

Concen: 48.020 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX019298.D

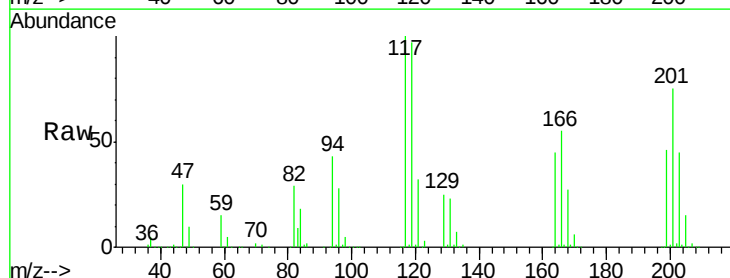
Acq: 05 Nov 2020 02:24

Tgt Ion: 117 Resp: 104289

Ion Ratio Lower Upper

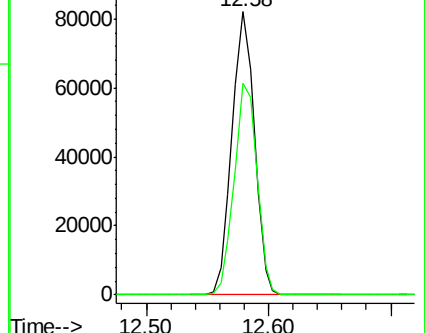
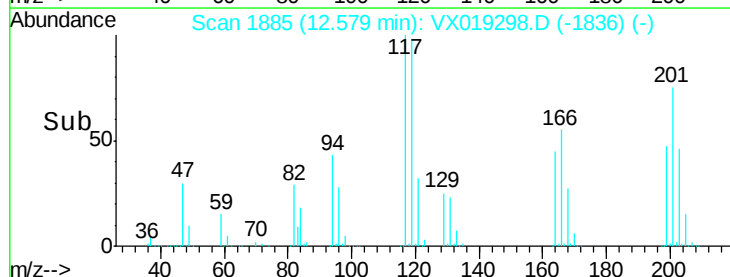
117 100

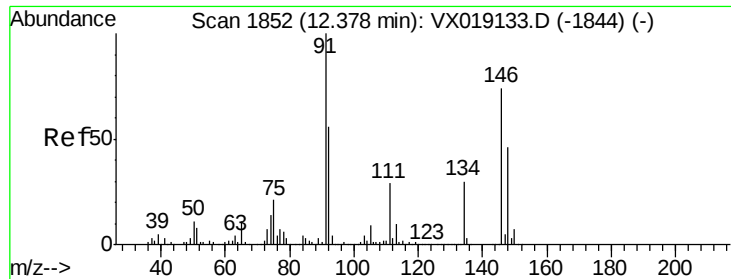
201 75.8 38.5 115.3



Abundance Ion 116.80 (116.50 to 117.50): VX019298.D (-1836) (-)

Ion 200.70 (200.40 to 201.40): VX019298.D (-1836) (-)





#91

1,2-Dichlorobenzene

Concen: 47.168 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.01 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

Instrument :

MSVOA_X

ClientSampleId :

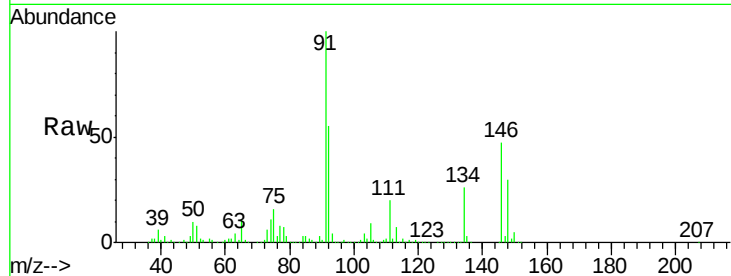
Tot Ion:146 Resp: 298701

Ion Ratio Lower Upper

146 100

111 43.1 21.2 63.6

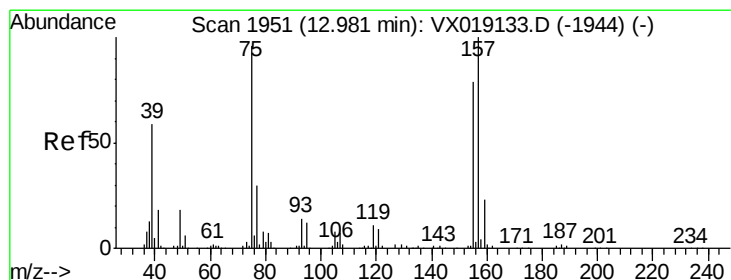
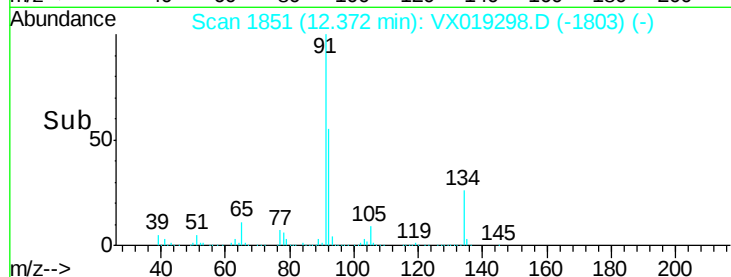
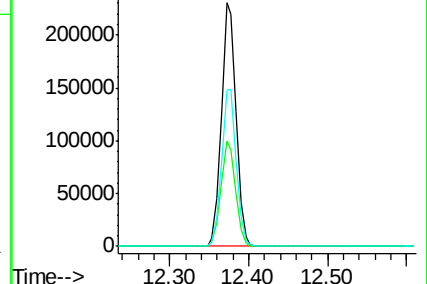
148 64.9 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.053 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX019298.D

Acq: 05 Nov 2020 02:24

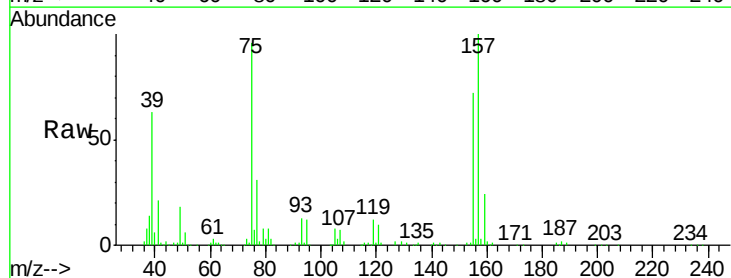
Tgt Ion: 75 Resp: 50275

Ion Ratio Lower Upper

75 100

155 80.8 42.8 128.4

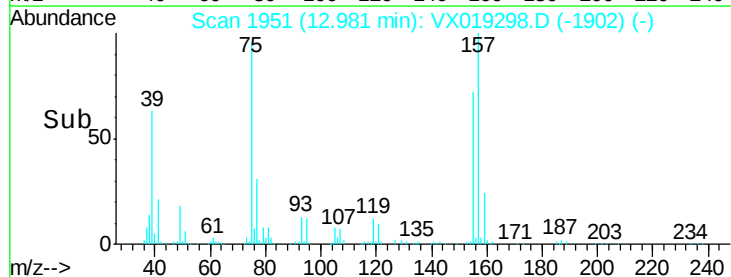
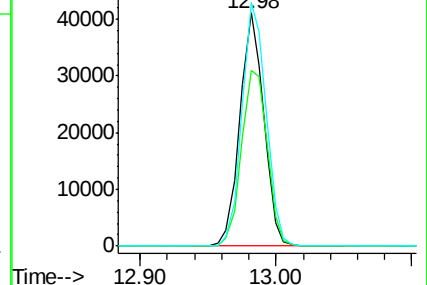
157 105.3 54.8 164.4

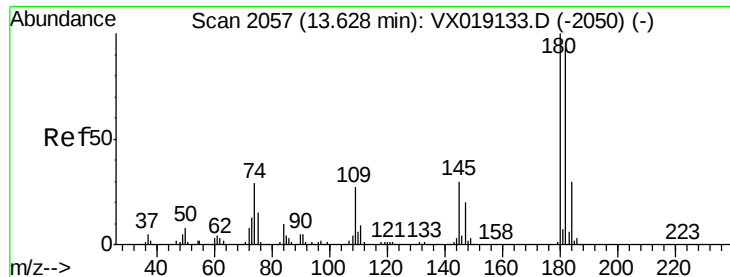


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

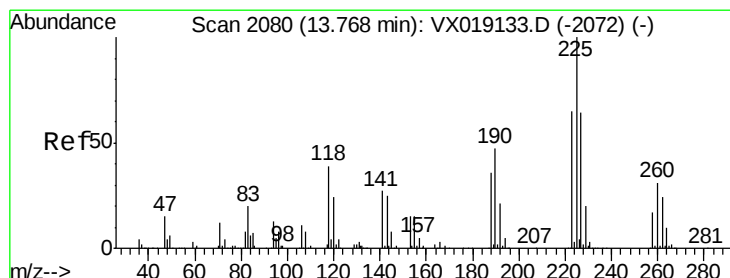
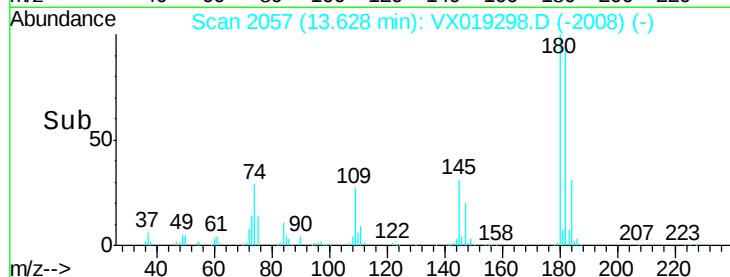
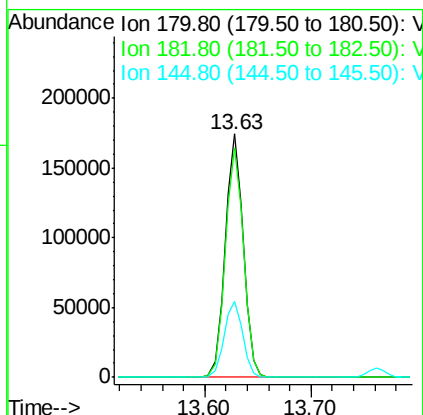
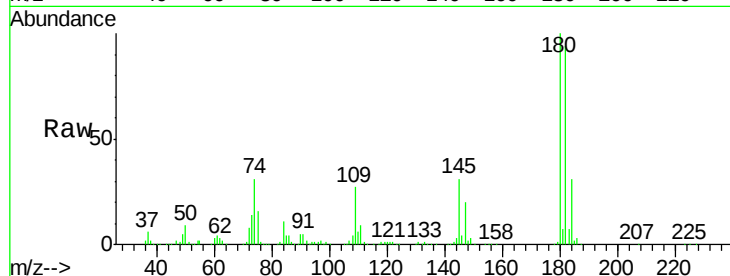




#93
 1,2,4-Trichlorobenzene
 Concen: 43.438 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019298.D
 Acq: 05 Nov 2020 02:24

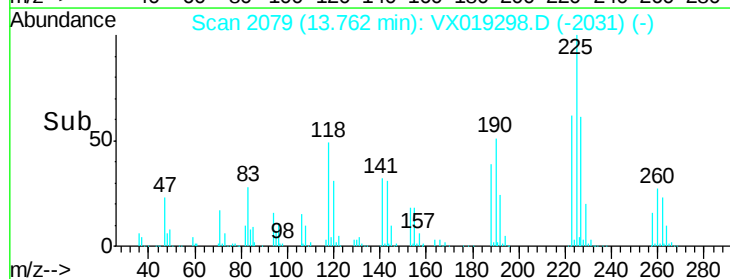
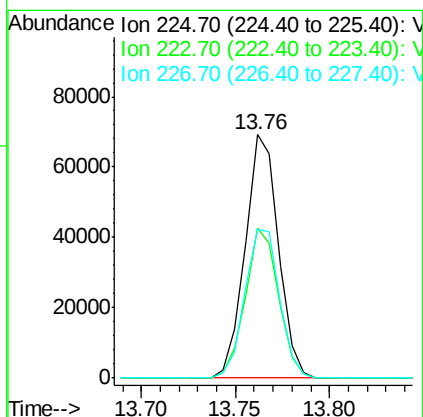
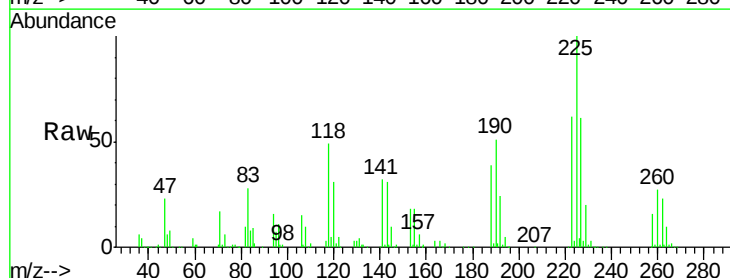
Instrument :
 MSVOA_X
 ClientSampleId :

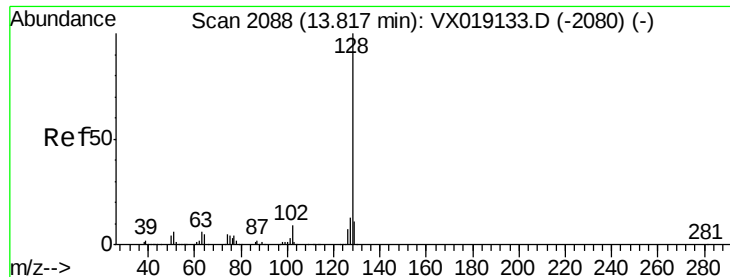
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	46.8	140.3
145	32.1	15.5	46.5



#94
 Hexachlorobutadiene
 Concen: 40.356 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX019298.D
 Acq: 05 Nov 2020 02:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	32.4	97.2
227	63.8	31.6	94.7

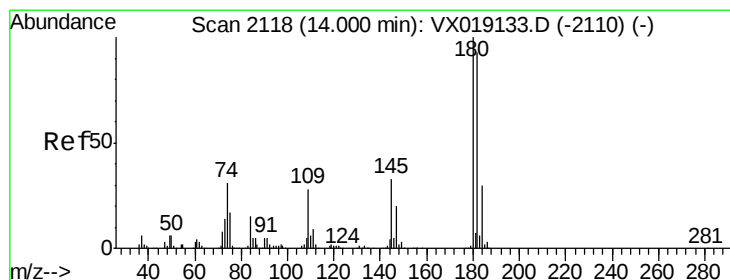
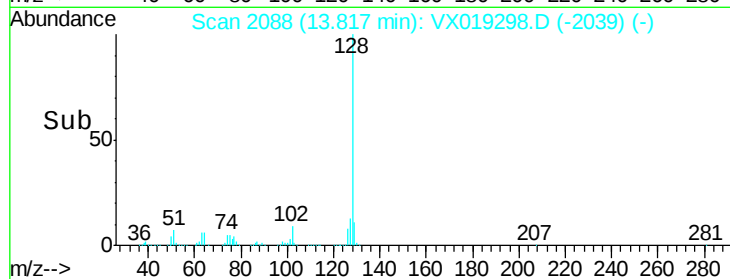
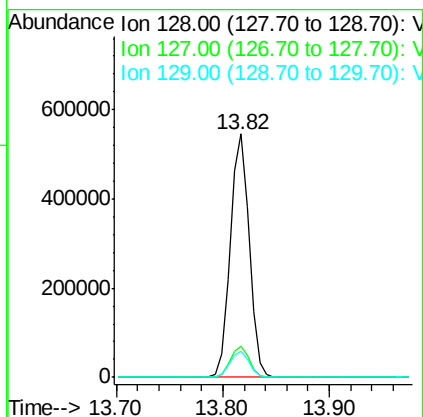
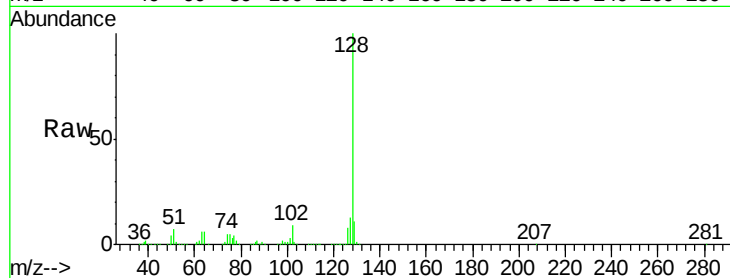




#95
Naphthalene
Concen: 45.459 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 681039
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 43.939 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019298.D
Acq: 05 Nov 2020 02:24

Tgt Ion:180 Resp: 202758
Ion Ratio Lower Upper
180 100
182 92.7 47.8 143.3
145 34.1 16.5 49.5

