

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102020\
 Data File : VX018980.D
 Acq On : 20 Oct 2020 17:19
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Oct 20 18:30:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102020W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 20 18:15:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	151460	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	272001	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	257929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	129400	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	38006	18.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.78%	
35) Dibromofluoromethane	5.46	113	31010	17.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	35.38%	
50) Toluene-d8	8.70	98	123162	17.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	35.84%	
62) 4-Bromofluorobenzene	11.12	95	46313	18.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.02%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	26327	20.138	ug/l	97
3) Chloromethane	1.31	50	30846	21.314	ug/l	99
4) Vinyl Chloride	1.39	62	41724	20.929	ug/l	100
5) Bromomethane	1.63	94	42853	26.066	ug/l	99
6) Chloroethane	1.71	64	30648	20.374	ug/l	99
7) Trichlorofluoromethane	1.92	101	69222	20.374	ug/l	100
8) Diethyl Ether	2.17	74	27673	20.642	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	36197	19.920	ug/l	97
10) Methyl Iodide	2.49	142	29054	17.042	ug/l	97
11) Tert butyl alcohol	3.01	59	45051	103.030	ug/l	100
12) 1,1-Dichloroethene	2.36	96	40622	20.818	ug/l	95
13) Acrolein	2.27	56	22919	87.050	ug/l	98
14) Allyl chloride	2.70	41	39899	19.288	ug/l	98
15) Acrylonitrile	3.11	53	80381	102.918	ug/l	100
16) Acetone	2.42	43	68840	83.840	ug/l	98
17) Carbon Disulfide	2.55	76	81476	19.231	ug/l	99
18) Methyl Acetate	2.75	43	37745	22.766	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	96618	19.360	ug/l	100
20) Methylene Chloride	2.83	84	34181	19.455	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	34201	19.167	ug/l	99
22) Diisopropyl ether	3.82	45	80562	19.410	ug/l	97
23) Vinyl Acetate	3.78	43	381900	96.199	ug/l	98
24) 1,1-Dichloroethane	3.67	63	58195	19.681	ug/l	99
25) 2-Butanone	4.63	43	115239	102.607	ug/l	99
26) 2,2-Dichloropropane	4.54	77	53661	18.797	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	40414	19.441	ug/l	99
28) Bromochloromethane	4.98	49	23303	18.624	ug/l	96
29) Tetrahydrofuran	5.09	42	66292	100.818	ug/l	97
30) Chloroform	5.17	83	63581	19.321	ug/l	99
31) Cyclohexane	5.55	56	46260	19.687	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	56531	19.124	ug/l	99
36) 1,1-Dichloropropene	5.77	75	48387	18.877	ug/l	98
37) Ethyl Acetate	4.79	43	43312	19.714	ug/l	99
38) Carbon Tetrachloride	5.75	117	48227	18.258	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	53090	18.954	ug/l	96
40) Benzene	6.11	78	142246	19.083	ug/l	100
41) Methacrylonitrile	5.01	41	23092	19.092	ug/l	98
42) 1,2-Dichloroethane	6.16	62	50749	19.711	ug/l	98
43) Isopropyl Acetate	6.41	43	74319	19.348	ug/l	98
44) Trichloroethene	7.19	130	37500	17.907	ug/l	98
45) 1,2-Dichloropropane	7.49	63	34762	19.389	ug/l	95
46) Dibromomethane	7.63	93	25558	19.151	ug/l	98
47) Bromodichloromethane	7.87	83	51531	19.244	ug/l	97
48) Methyl methacrylate	7.74	41	34978	19.787	ug/l	97
49) 1,4-Dioxane	7.71	88	18335	413.155	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	230385	102.508	ug/l	98
52) Toluene	8.76	92	94355	19.372	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	57216	18.887	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	60494	18.932	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	37476	19.204	ug/l	97
56) Ethyl methacrylate	9.16	69	56489	19.294	ug/l	94
57) 1,3-Dichloropropane	9.35	76	62454	19.407	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	151019	101.829	ug/l	99
59) 2-Hexanone	9.47	43	178488	102.593	ug/l	98
60) Dibromochloromethane	9.56	129	39527	18.051	ug/l	99
61) 1,2-Dibromoethane	9.65	107	39939	19.100	ug/l	99
64) Tetrachloroethene	9.32	164	33191	15.872	ug/l	94
65) Chlorobenzene	10.12	112	101232	18.525	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	35710	18.037	ug/l	98
67) Ethyl Benzene	10.23	91	181308	18.941	ug/l	98
68) m/p-Xylenes	10.34	106	138945	37.178	ug/l	96
69) o-Xylene	10.68	106	66489	18.803	ug/l	97
70) Styrene	10.70	104	113907	18.867	ug/l	98
71) Bromoform	10.84	173	27780	17.319	ug/l #	99
73) Isopropylbenzene	11.00	105	181013	19.956	ug/l	98
74) N-amyl acetate	10.88	43	59672	19.087	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	62437	21.497	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	56567m	21.523	ug/l	
77) Bromobenzene	11.24	156	42147	18.692	ug/l	93
78) n-propylbenzene	11.34	91	207185	19.846	ug/l	97
79) 2-Chlorotoluene	11.40	91	121379	19.877	ug/l	96
80) 1,3,5-Trimethylbenzene	11.49	105	153235	19.904	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.05	75	19687	18.625	ug/l	95
82) 4-Chlorotoluene	11.49	91	148877	20.351	ug/l	96
83) tert-Butylbenzene	11.76	119	148832	19.753	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	157031	20.300	ug/l	97
85) sec-Butylbenzene	11.93	105	179755	19.891	ug/l	98
86) p-Isopropyltoluene	12.05	119	163984	19.664	ug/l	96
87) 1,3-Dichlorobenzene	12.01	146	80686	19.253	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	83626	19.354	ug/l	96
89) n-Butylbenzene	12.37	91	156102	20.509	ug/l	98
90) Hexachloroethane	12.58	117	25208	18.902	ug/l	96
91) 1,2-Dichlorobenzene	12.37	146	78626	19.407	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	15668	23.468	ug/l	83

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Quant Title : SW846 8260
QLast Update : Tue Oct 20 18:15:56 2020
Response via : Initial Calibration

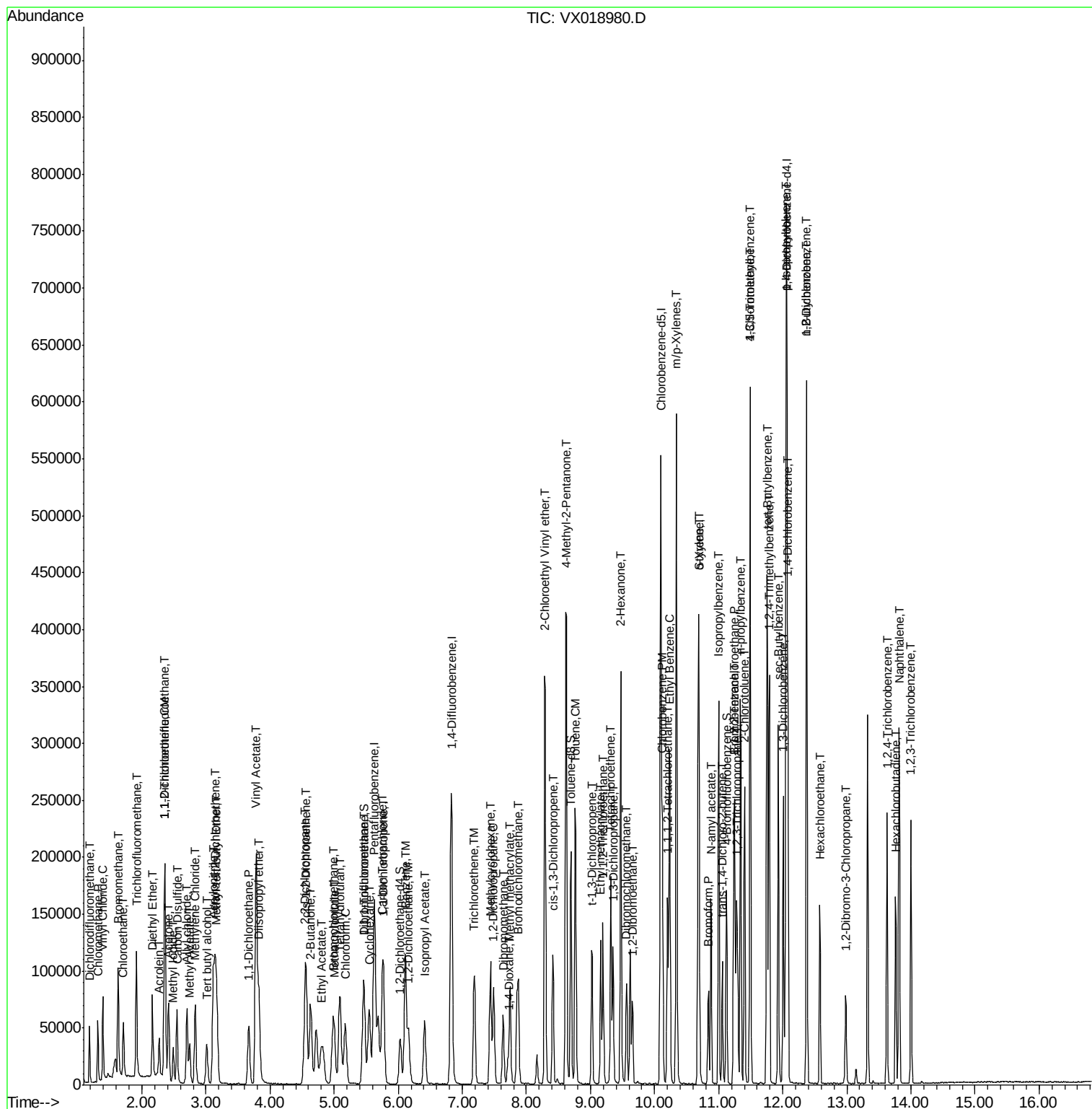
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	53867	19.396	ug/l	99
94) Hexachlorobutadiene	13.76	225	21037	17.783	ug/l	94
95) Naphthalene	13.82	128	192196	20.789	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	51406	19.364	ug/l	99

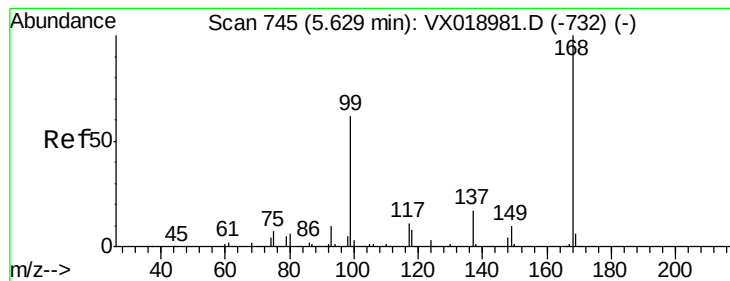
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 20 18:30:06 2020
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Quant Title : SW846 8260
QLast Update : Tue Oct 20 18:15:56 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

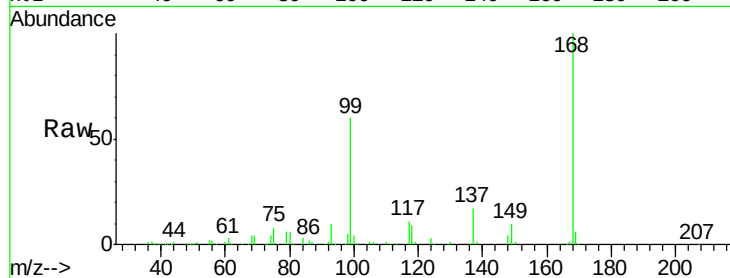
VSTDIC020

Tot Ion:168 Resp: 151460

Ion Ratio Lower Upper

168 100

99 59.8 49.7 74.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

60000

50000

40000

30000

20000

10000

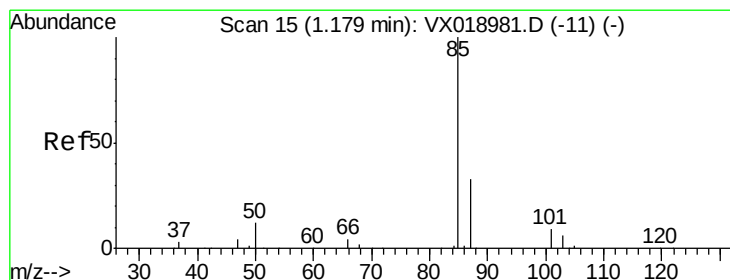
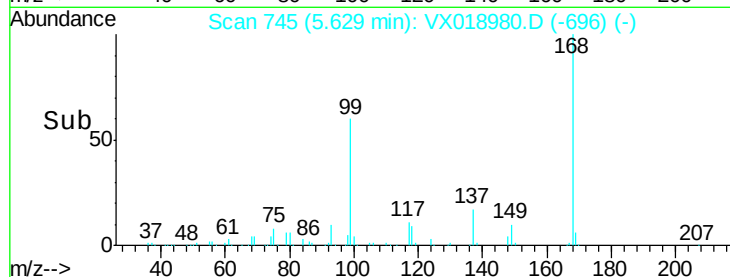
0

Time-->

5.50

5.60

5.70



#2

Dichlorodifluoromethane

Concen: 20.138 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX018980.D

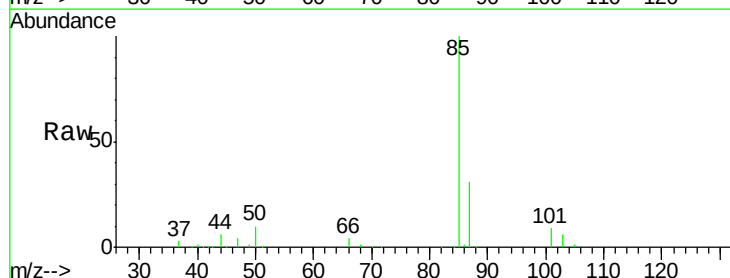
Acq: 20 Oct 2020 17:19

Tgt Ion: 85 Resp: 26327

Ion Ratio Lower Upper

85 100

87 30.9 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

30000

20000

10000

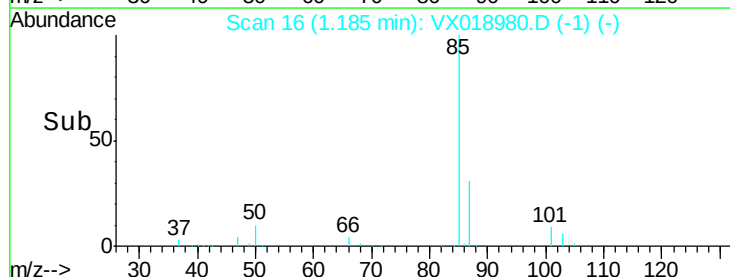
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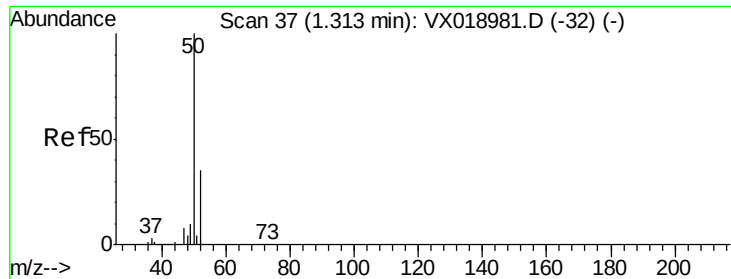
Time-->

1.15

1.20

1.25





#3

Chloromethane

Concen: 21.314 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

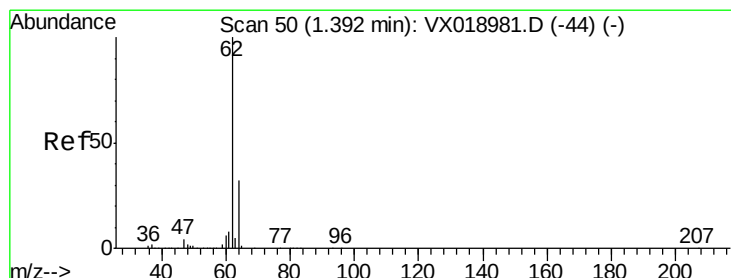
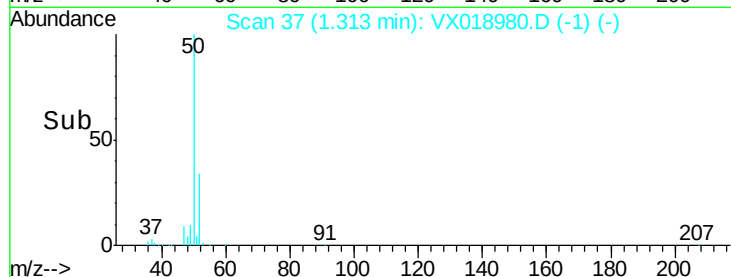
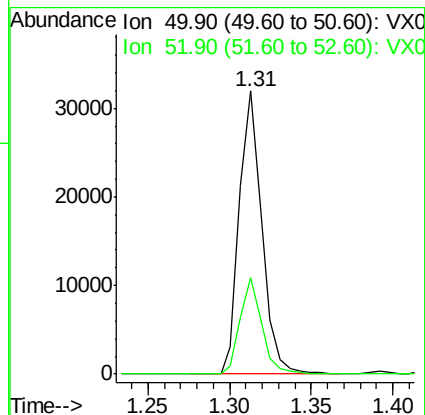
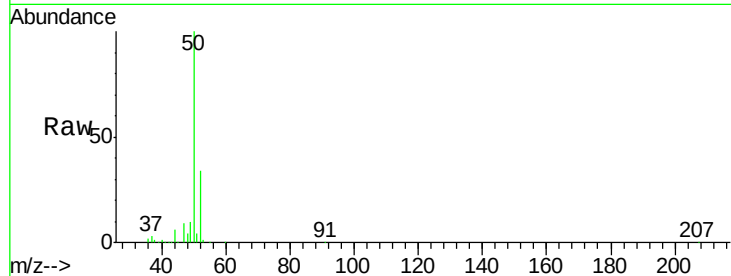
VSTDIC020

Tot Ion: 50 Resp: 30846

Ion Ratio Lower Upper

50 100

52 34.2 27.7 41.5



#4

Vinyl Chloride

Concen: 20.929 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018980.D

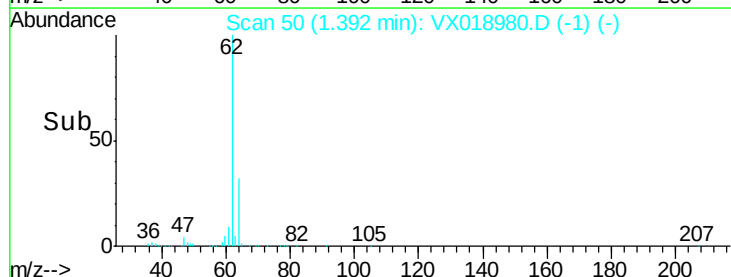
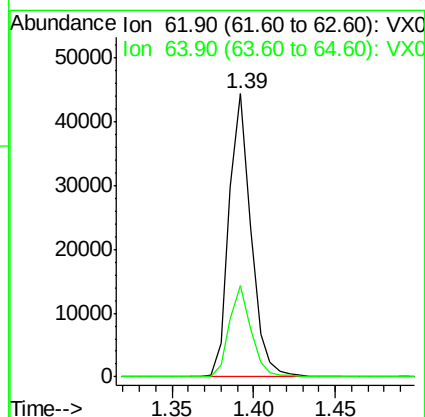
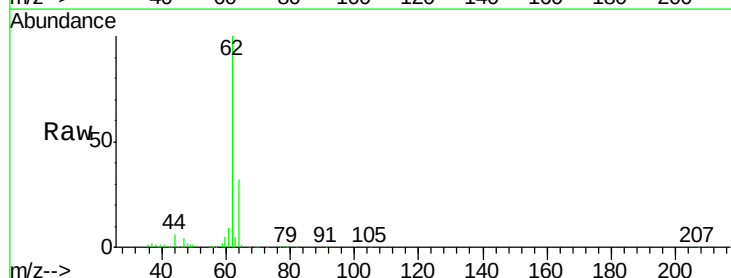
Acq: 20 Oct 2020 17:19

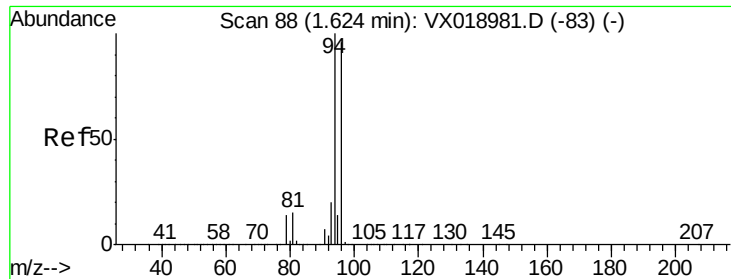
Tgt Ion: 62 Resp: 41724

Ion Ratio Lower Upper

62 100

64 32.2 25.8 38.8





#5

Bromomethane

Concen: 26.066 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

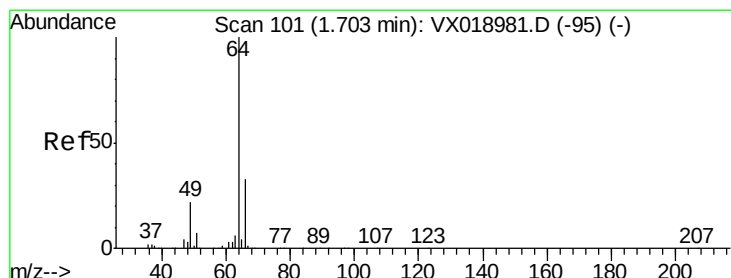
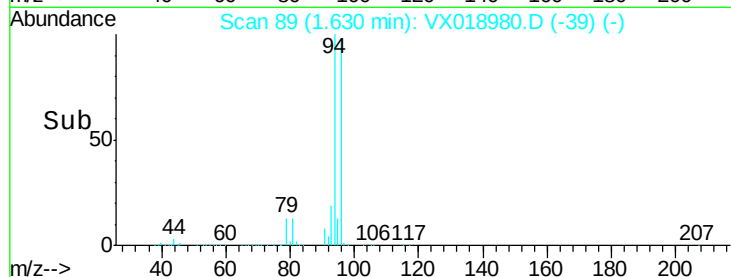
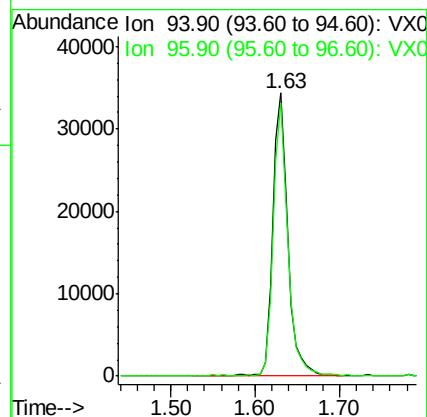
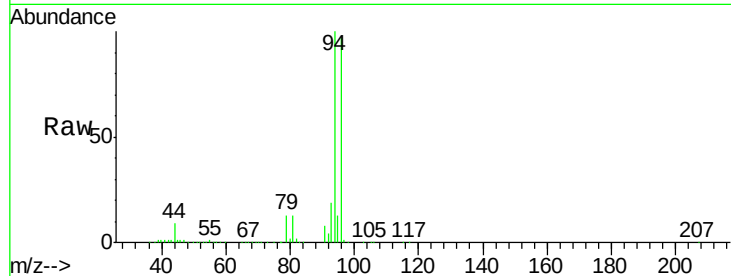
VSTDIC020

Tot Ion: 94 Resp: 42853

Ion Ratio Lower Upper

94 100

96 96.7 76.4 114.6



#6

Chloroethane

Concen: 20.374 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX018980.D

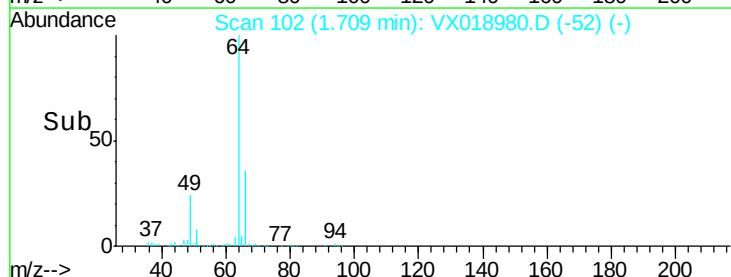
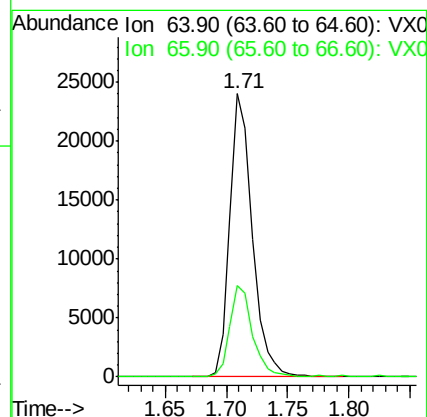
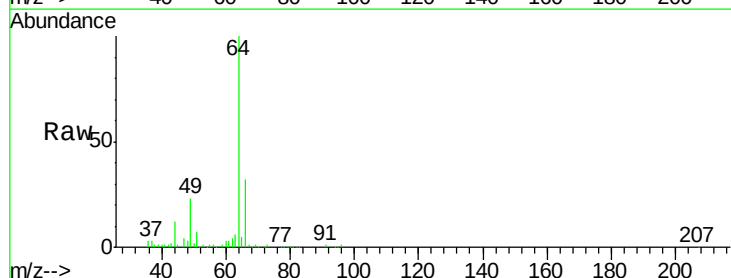
Acq: 20 Oct 2020 17:19

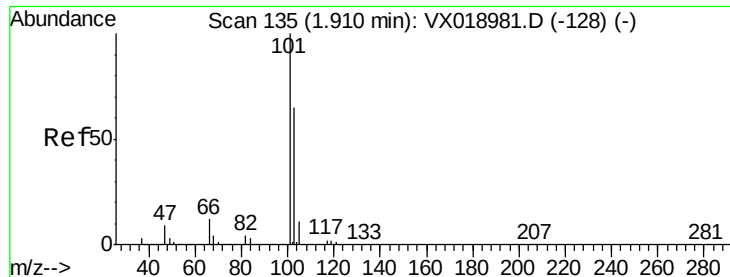
Tgt Ion: 64 Resp: 30648

Ion Ratio Lower Upper

64 100

66 32.1 26.3 39.5



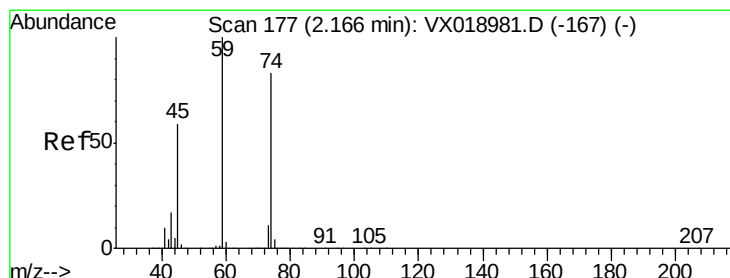
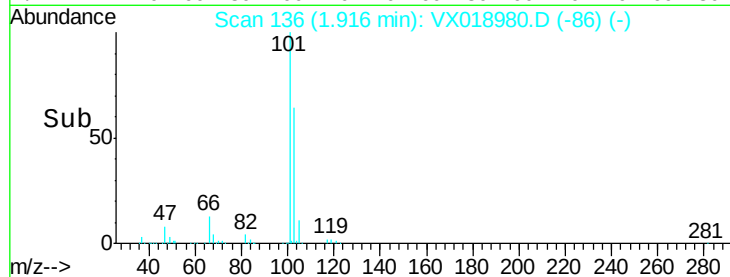
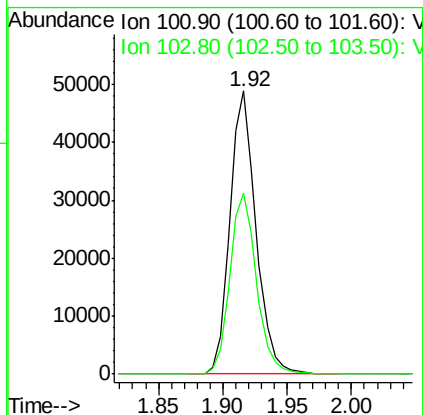
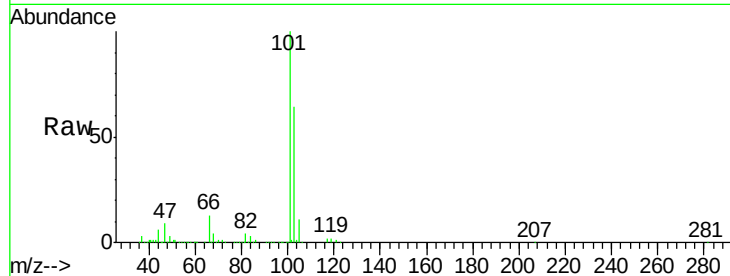


#7

Trichlorofluoromethane
Concen: 20.374 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX018980.D
Acq: 20 Oct 2020 17:19

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

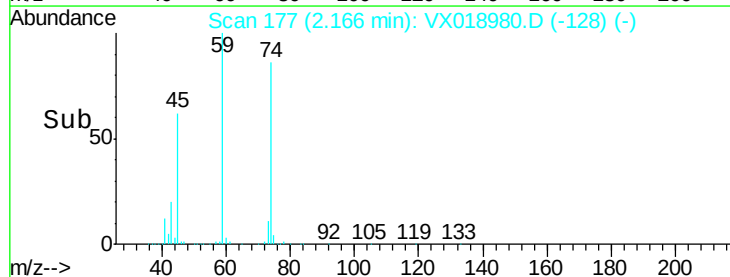
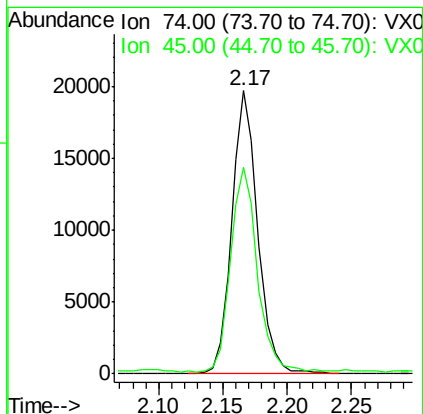
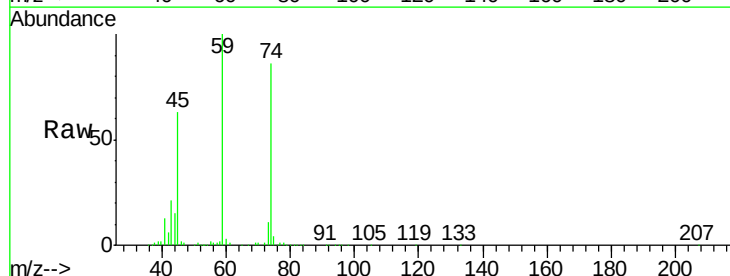
Tot Ion:101 Resp: 69222
Ion Ratio Lower Upper
101 100
103 64.1 51.6 77.4

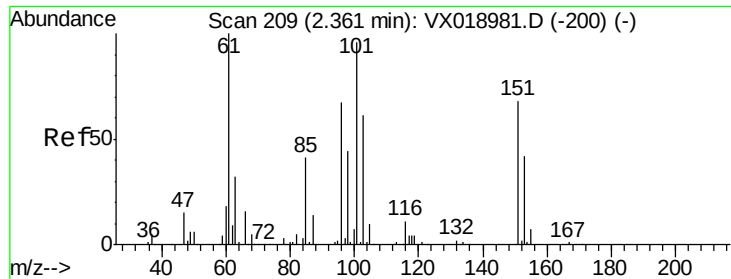


#8

Diethyl Ether
Concen: 20.642 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX018980.D
Acq: 20 Oct 2020 17:19

Tgt Ion: 74 Resp: 27673
Ion Ratio Lower Upper
74 100
45 74.5 36.0 108.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.920 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

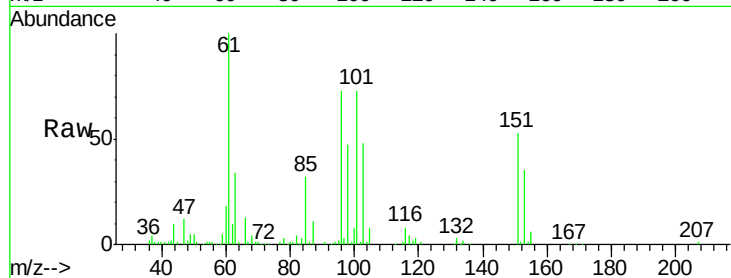
Tot Ion:101 Resp: 36197

Ion Ratio Lower Upper

101 100

85 43.7 34.9 52.3

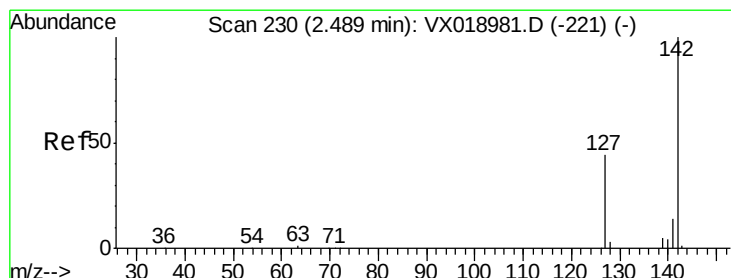
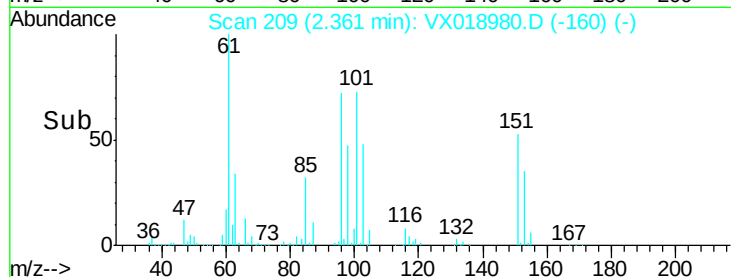
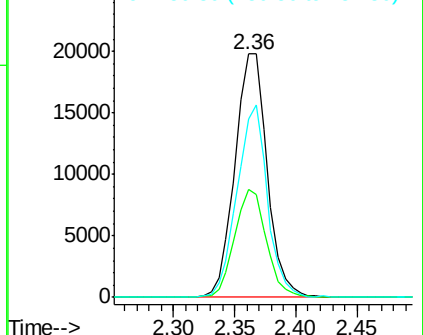
151 74.4 56.1 84.1



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: 17.042 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

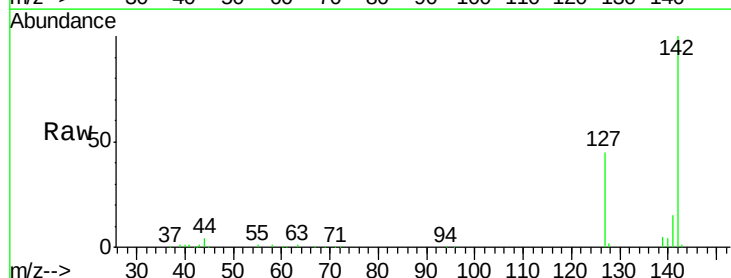
Tgt Ion:142 Resp: 29054

Ion Ratio Lower Upper

142 100

127 45.2 34.2 51.2

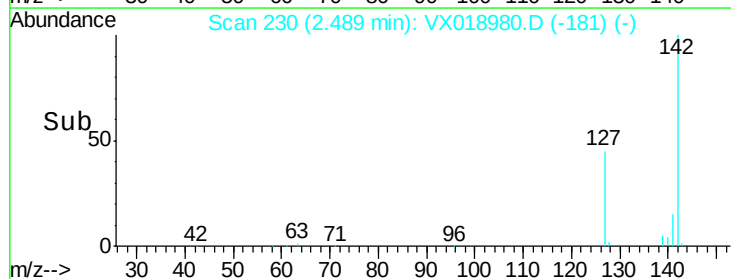
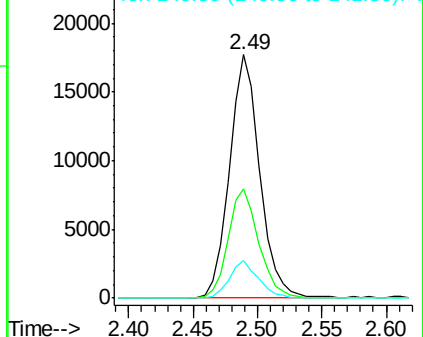
141 14.7 11.3 16.9

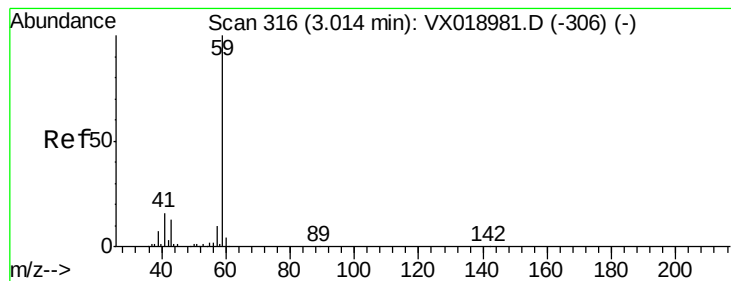


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



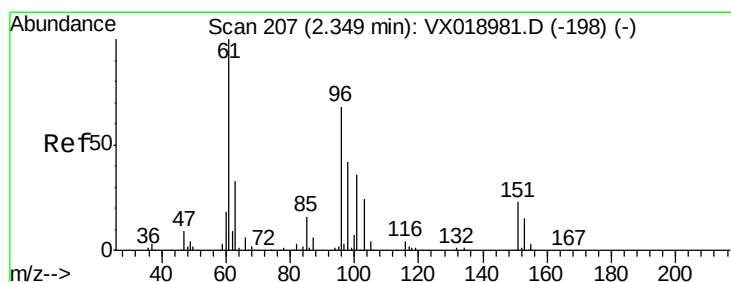
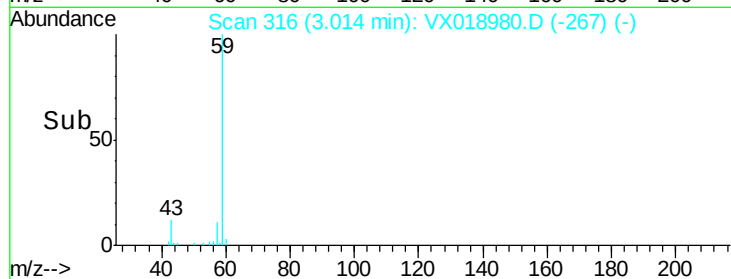
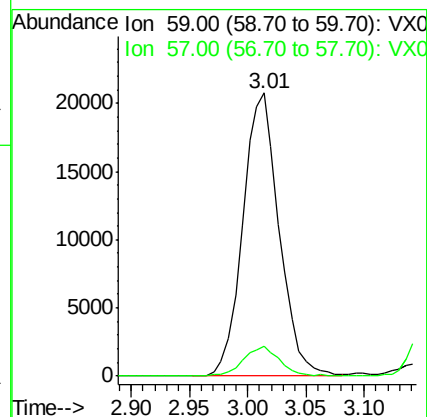
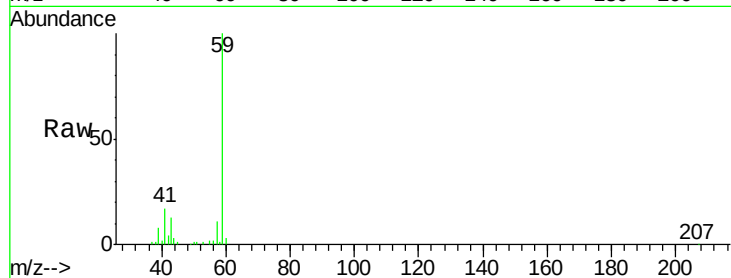


#11

Tert butyl alcohol
 Concen: 103.030 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX018980.D
 Acq: 20 Oct 2020 17:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

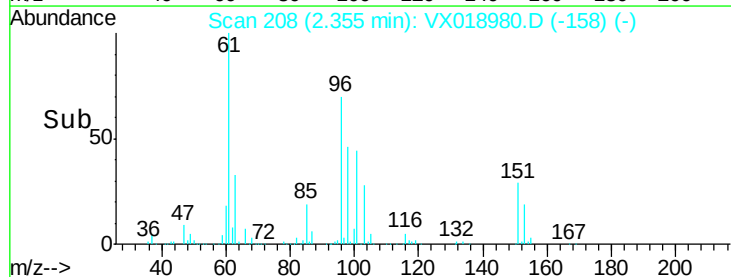
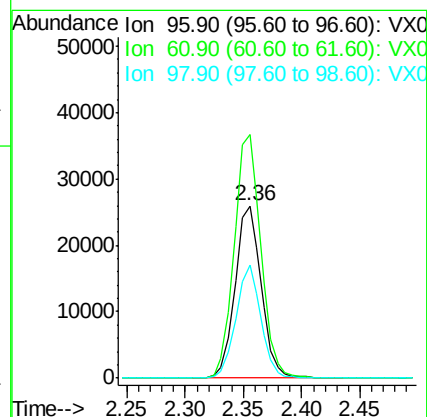
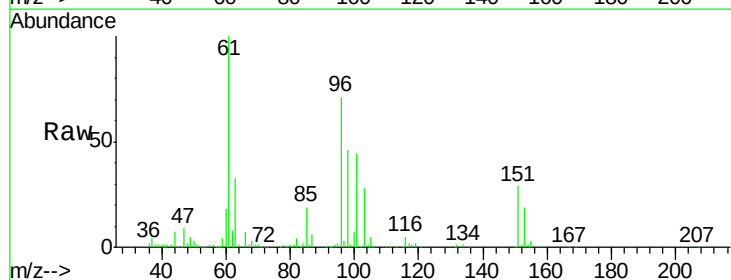
Tot Ion: 59 Resp: 45051
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.3 12.5

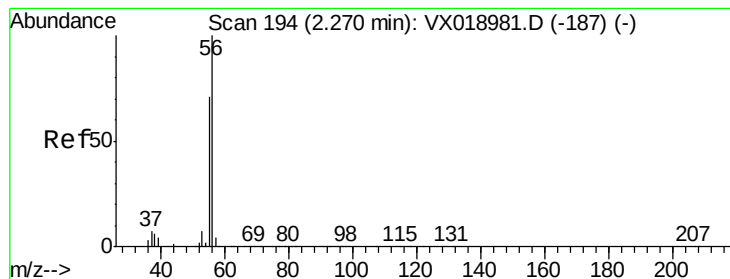


#12

1,1-Dichloroethene
 Concen: 20.818 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.01 min
 Lab File: VX018980.D
 Acq: 20 Oct 2020 17:19

Tgt Ion: 96 Resp: 40622
 Ion Ratio Lower Upper
 96 100
 61 141.6 117.4 176.0
 98 65.7 48.9 73.3





#13

Acrolein

Concen: 87.050 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

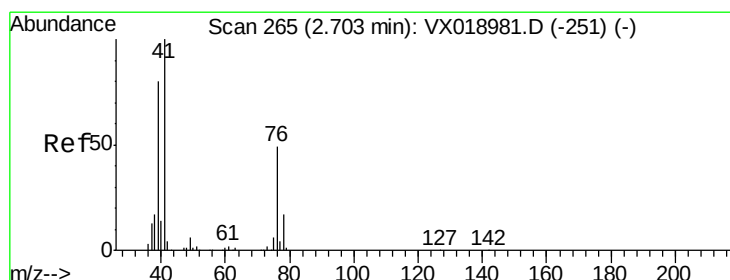
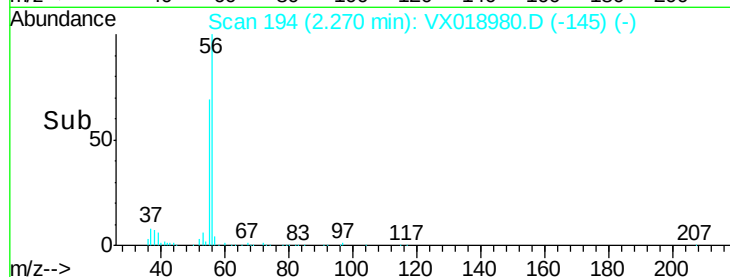
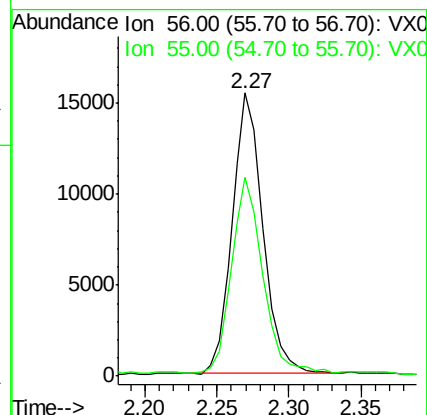
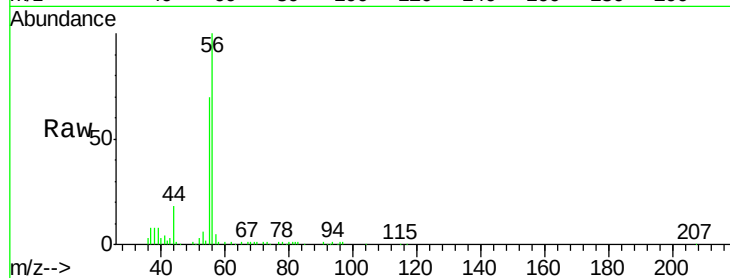
VSTDIC020

Tot Ion: 56 Resp: 22919

Ion Ratio Lower Upper

56 100

55 70.7 55.4 83.2



#14

Allyl chloride

Concen: 19.288 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

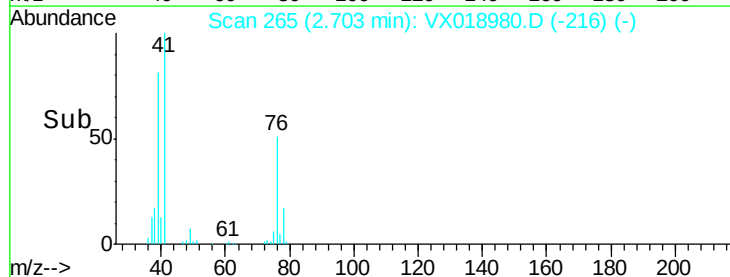
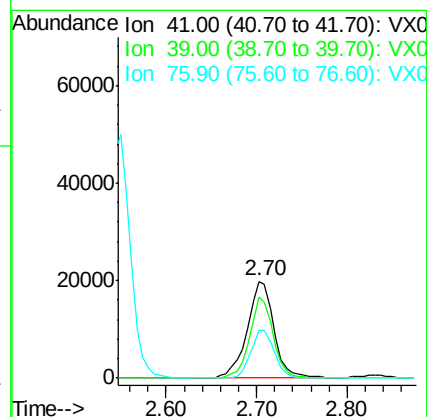
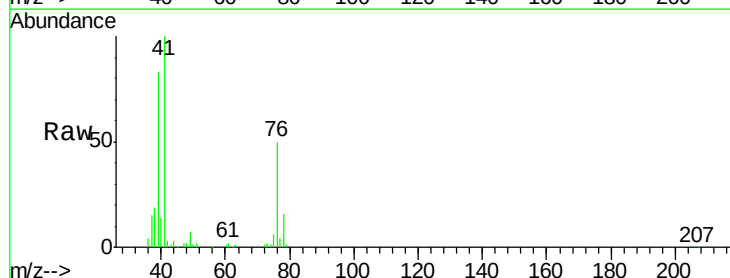
Tgt Ion: 41 Resp: 39899

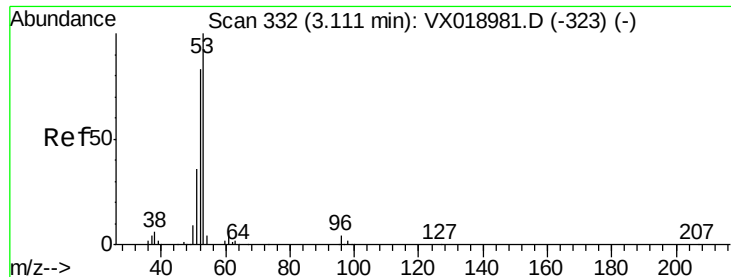
Ion Ratio Lower Upper

41 100

39 73.8 57.8 86.8

76 44.3 36.2 54.4





#15

Acrylonitrile

Concen: 102.918 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Instrument :

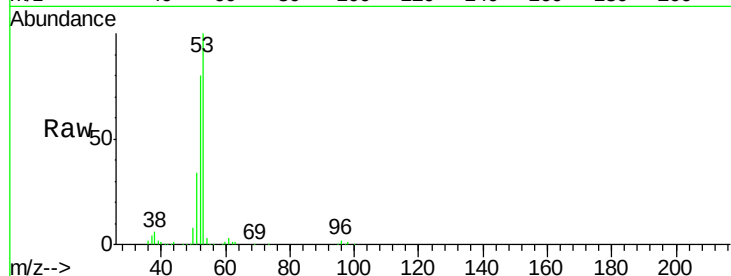
MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 53 Resp: 80381

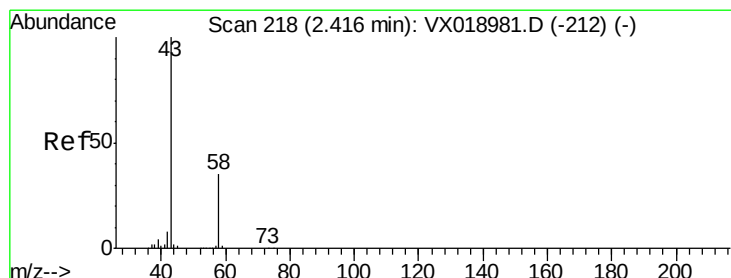
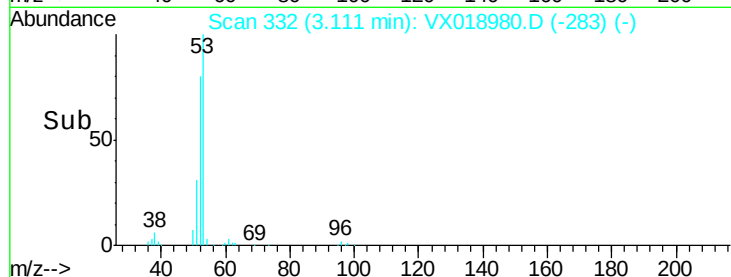
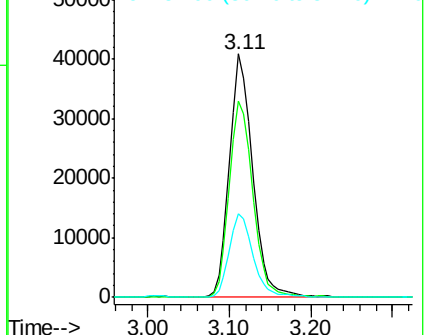
Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.5	98.3
51	35.5	28.8	43.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 83.840 ug/l

RT: 2.42 min Scan# 218

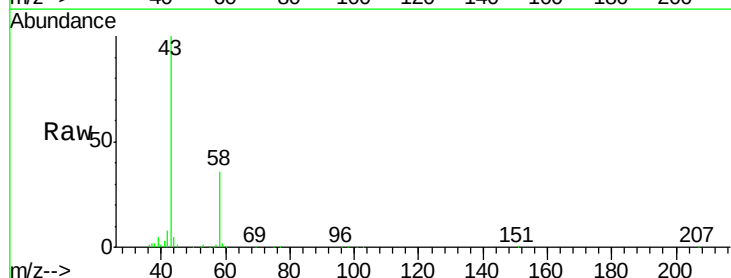
Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

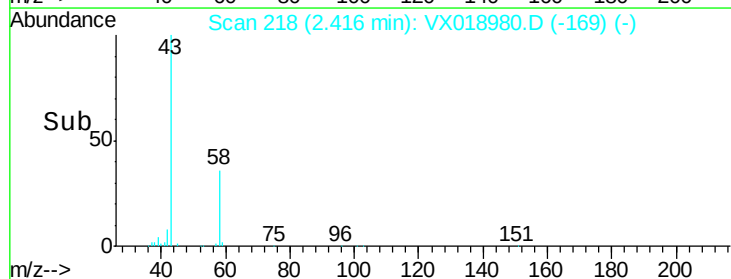
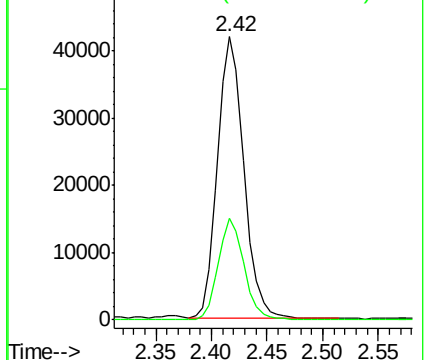
Tgt Ion: 43 Resp: 68840

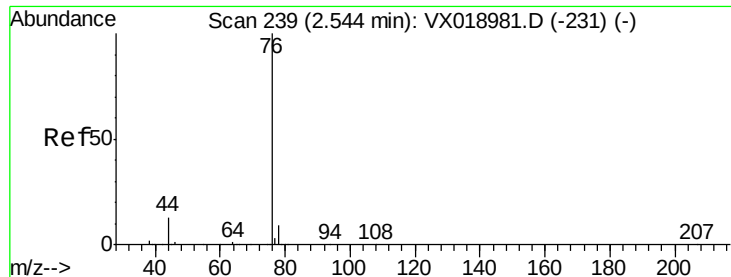
Ion	Ratio	Lower	Upper
43	100		
58	36.1	27.9	41.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

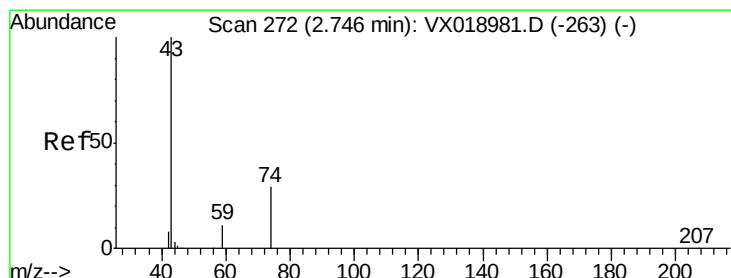
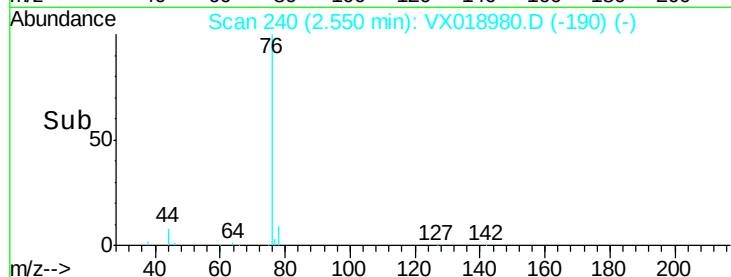
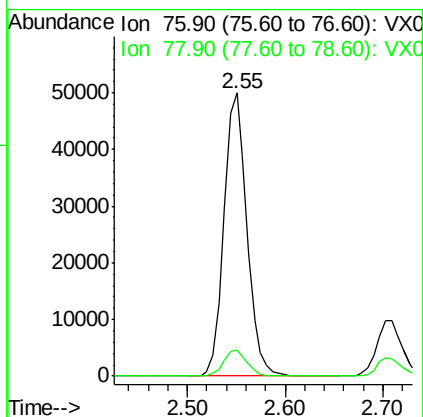
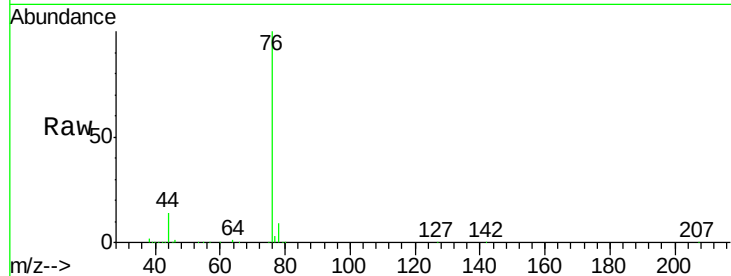




#17
Carbon Disulfide
Concen: 19.231 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.01 min
Lab File: VX018980.D
Acq: 20 Oct 2020 17:19

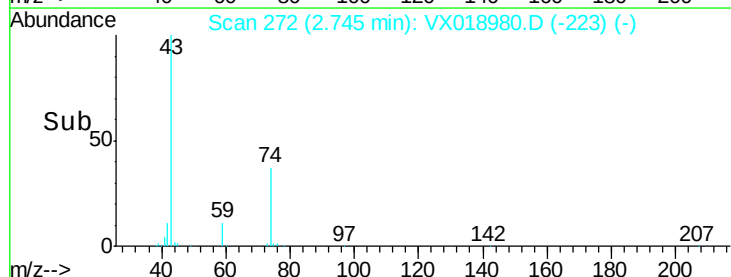
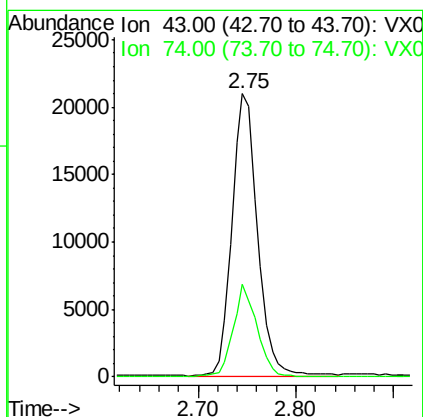
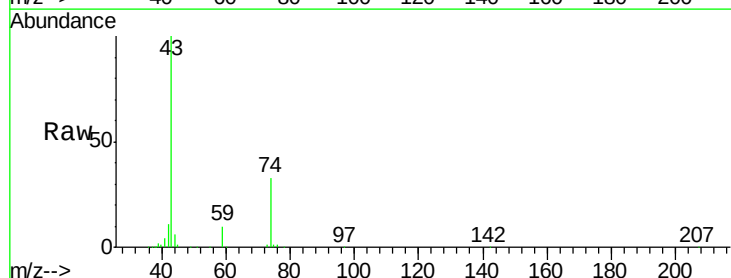
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

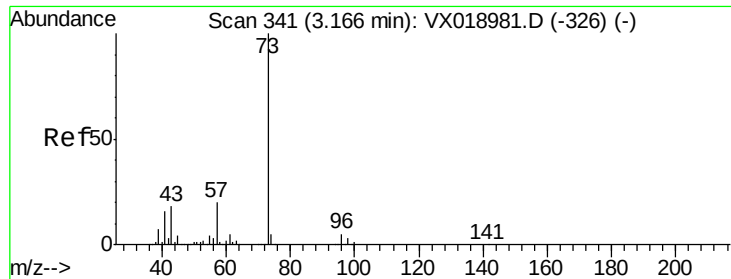
Tot Ion: 76 Resp: 81476
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4



#18
Methyl Acetate
Concen: 22.766 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX018980.D
Acq: 20 Oct 2020 17:19

Tgt Ion: 43 Resp: 37745
Ion Ratio Lower Upper
43 100
74 30.7 24.1 36.1

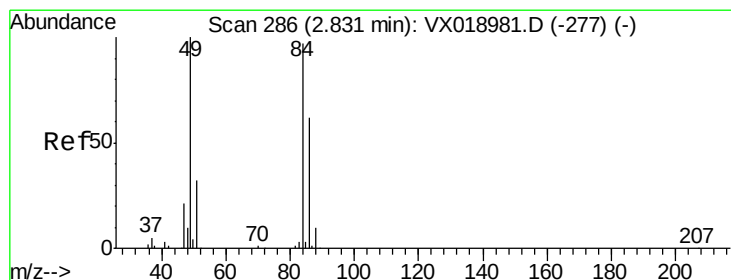
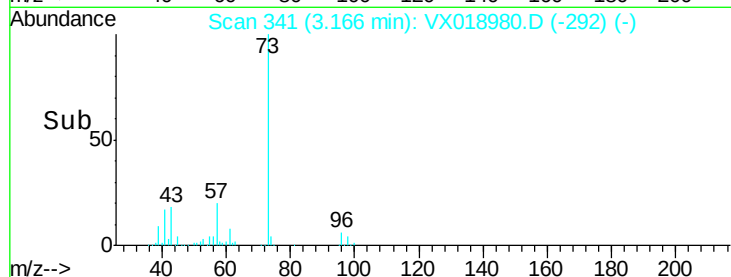
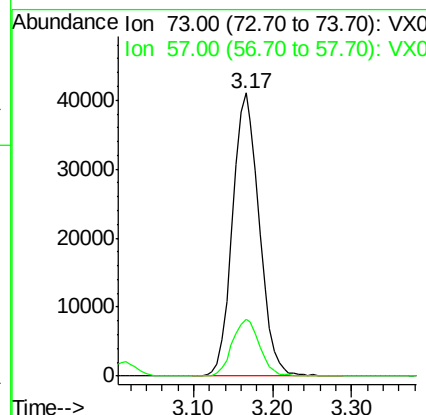
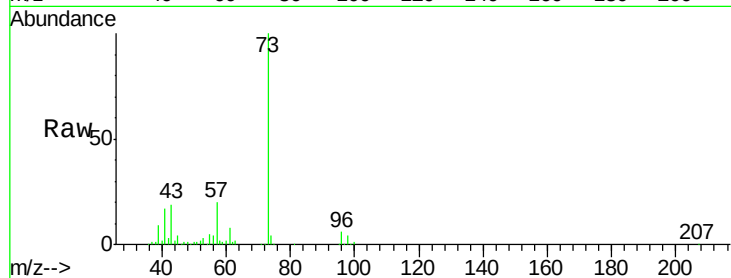




#19
Methyl tert-butyl Ether
Concen: 19.360 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX018980.D
Acq: 20 Oct 2020 17:19

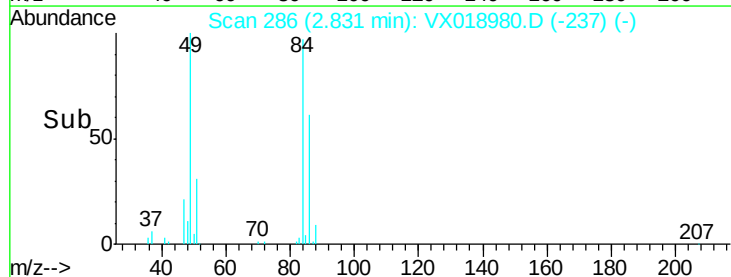
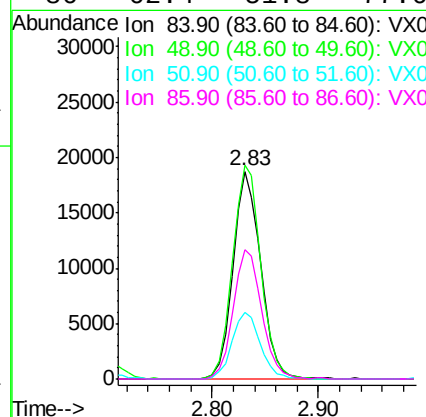
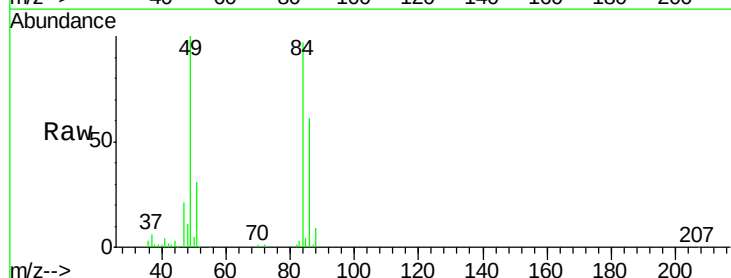
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

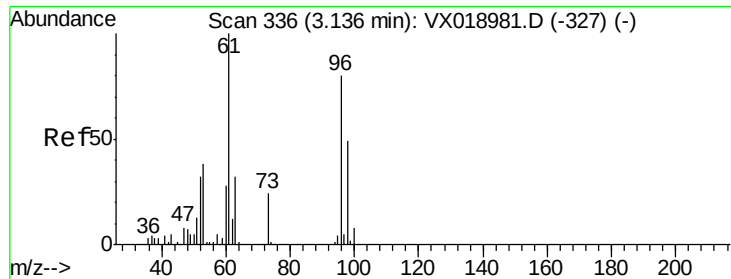
Tot Ion: 73 Resp: 96618
Ion Ratio Lower Upper
73 100
57 20.3 16.2 24.2



#20
Methylene Chloride
Concen: 19.455 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX018980.D
Acq: 20 Oct 2020 17:19

Tgt Ion: 84 Resp: 34181
Ion Ratio Lower Upper
84 100
49 102.8 82.9 124.3
51 31.9 26.4 39.6
86 62.4 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 19.167 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

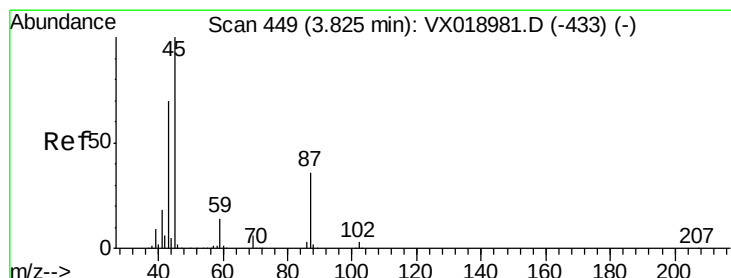
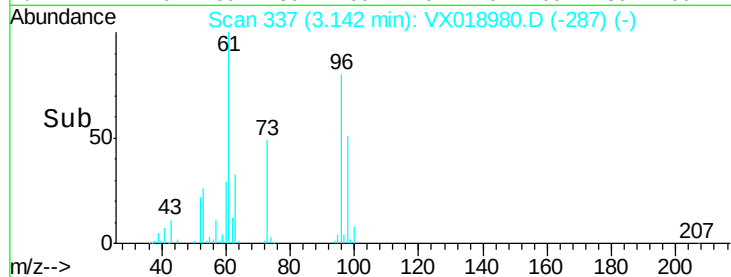
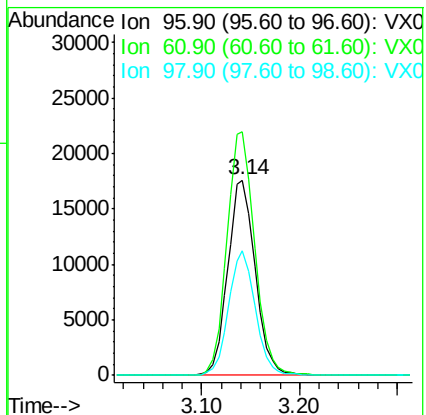
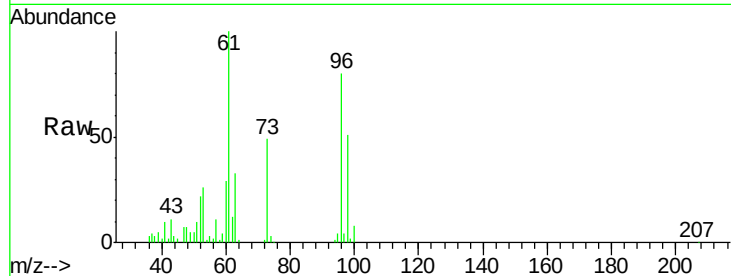
Tot Ion: 96 Resp: 34201

Ion Ratio Lower Upper

96 100

61 124.6 99.8 149.8

98 63.9 49.1 73.7



#22

Diisopropyl ether

Concen: 19.410 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Tgt Ion: 45 Resp: 80562

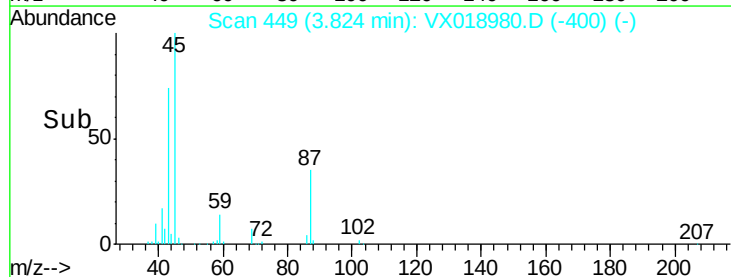
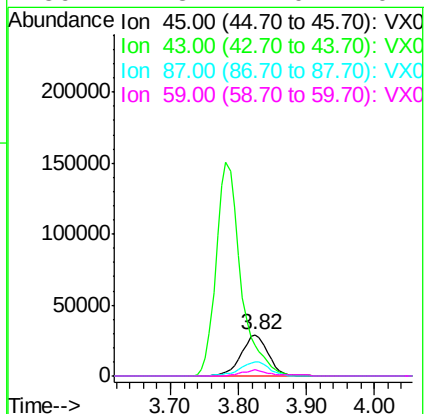
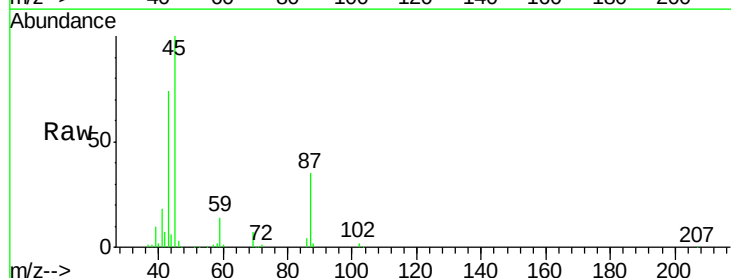
Ion Ratio Lower Upper

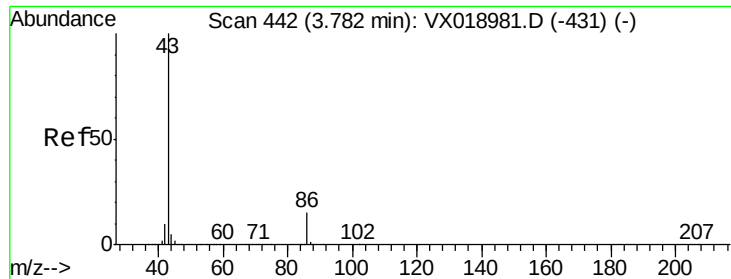
45 100

43 73.8 56.1 84.1

87 35.2 29.2 43.8

59 14.3 11.0 16.4





#23

Vinyl Acetate

Concen: 96.199 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

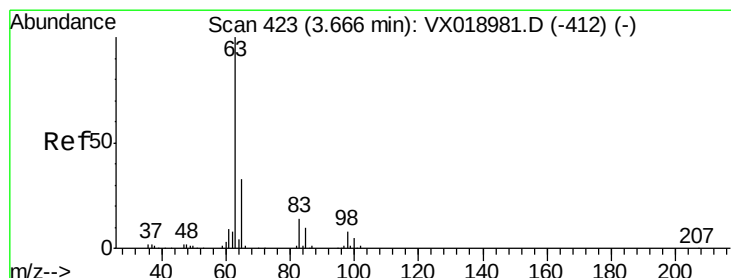
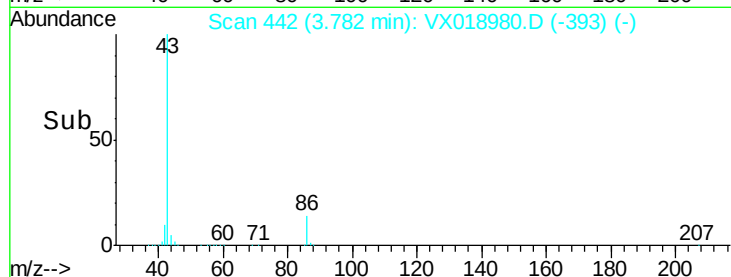
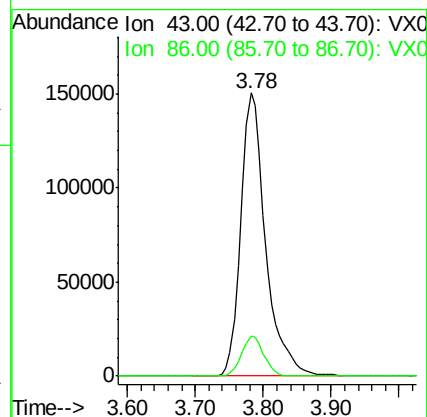
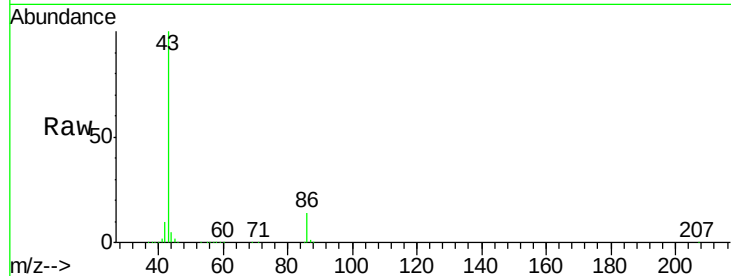
VSTDIC020

Tot Ion: 43 Resp: 381900

Ion Ratio Lower Upper

43 100

86 14.1 11.8 17.6



#24

1,1-Dichloroethane

Concen: 19.681 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

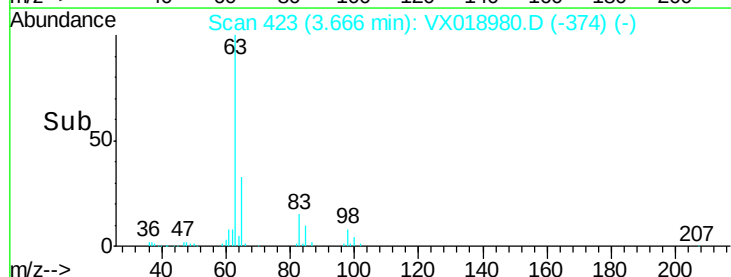
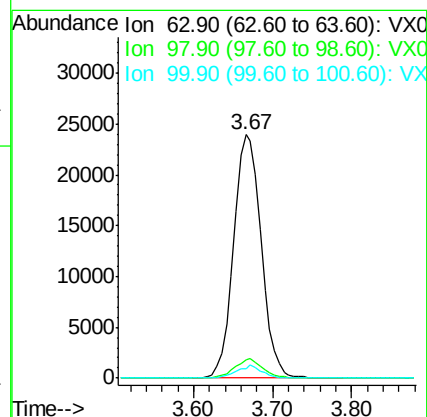
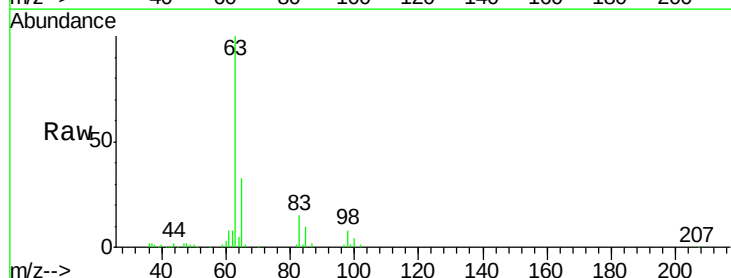
Tgt Ion: 63 Resp: 58195

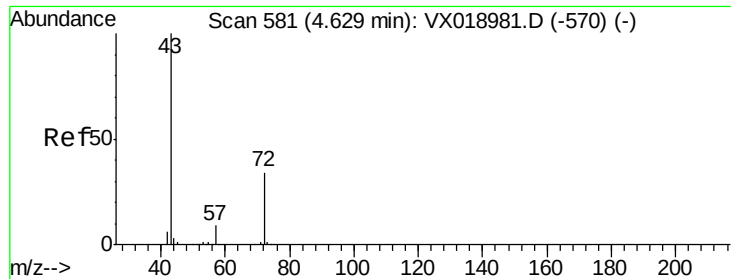
Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.5

100 4.1 2.4 7.1





#25

2-Butanone

Concen: 102.607 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

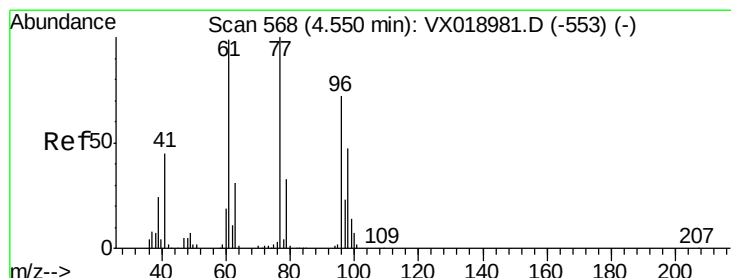
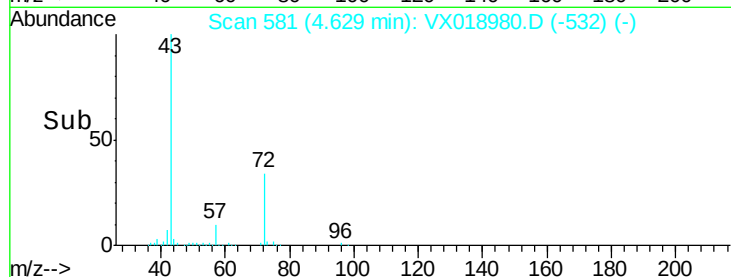
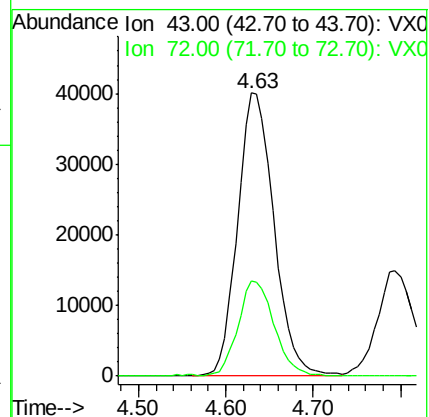
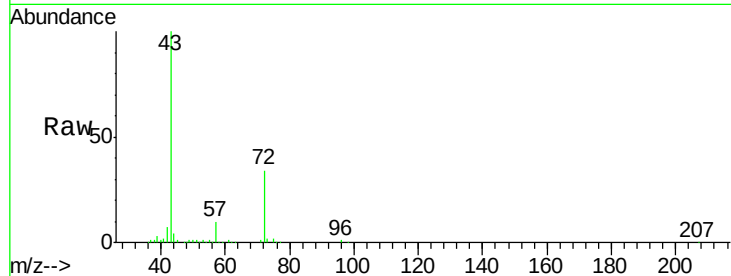
VSTDIC020

Tot Ion: 43 Resp: 115239

Ion Ratio Lower Upper

43 100

72 33.6 27.3 40.9



#26

2,2-Dichloropropane

Concen: 18.797 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX018980.D

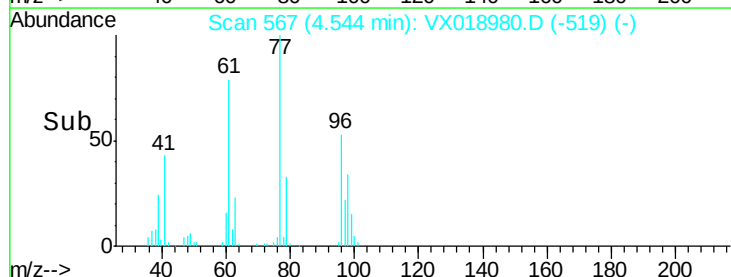
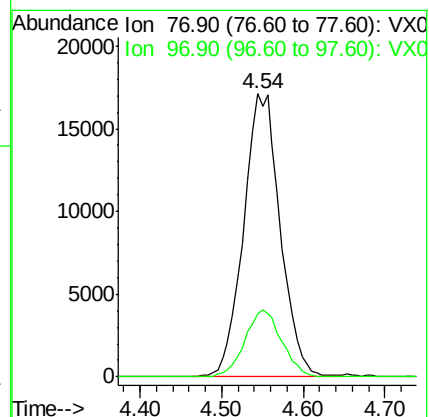
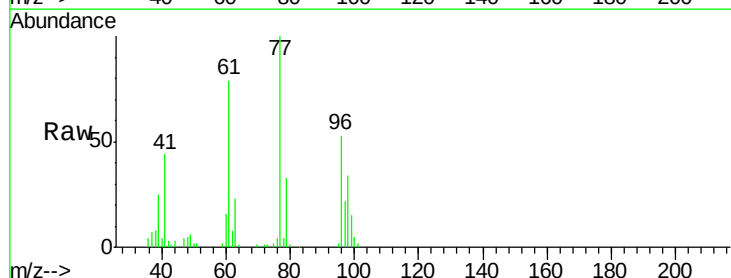
Acq: 20 Oct 2020 17:19

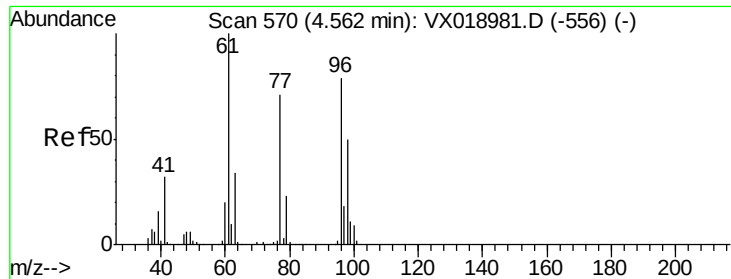
Tgt Ion: 77 Resp: 53661

Ion Ratio Lower Upper

77 100

97 23.5 11.5 34.4



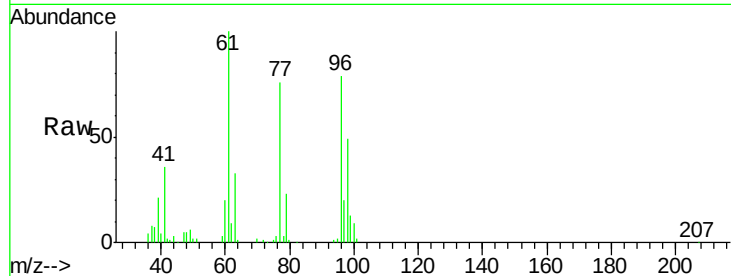


#27

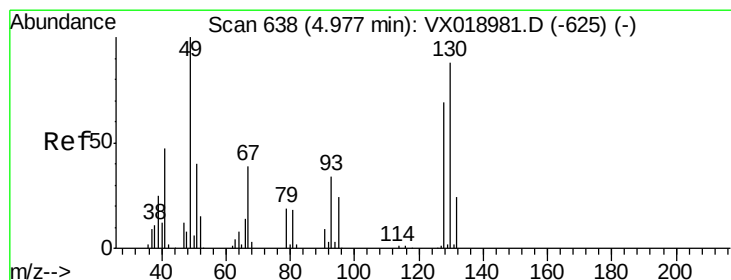
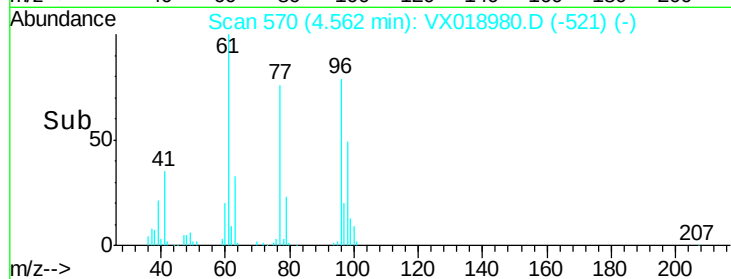
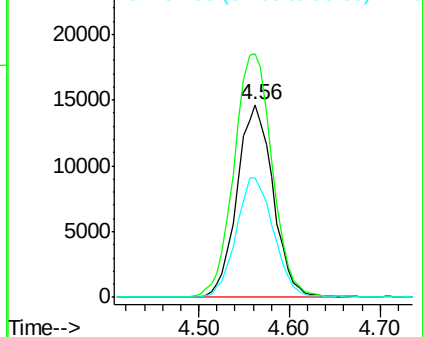
cis-1,2-Dichloroethene
 Concen: 19.441 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX018980.D
 Acq: 20 Oct 2020 17:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	96	Resp	40414
Ion	Ratio	Lower	Upper
96	100		
61	134.2	0.0	266.2
98	64.7	0.0	128.6



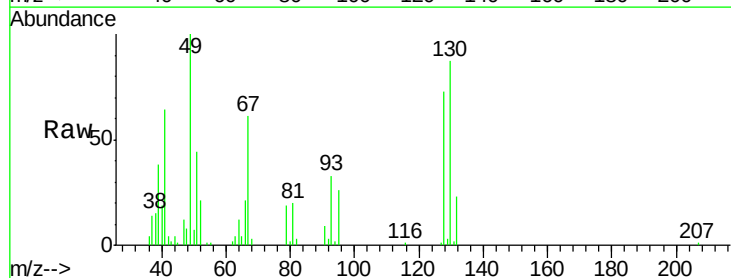
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



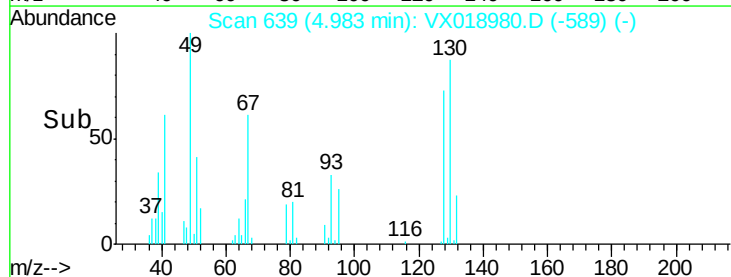
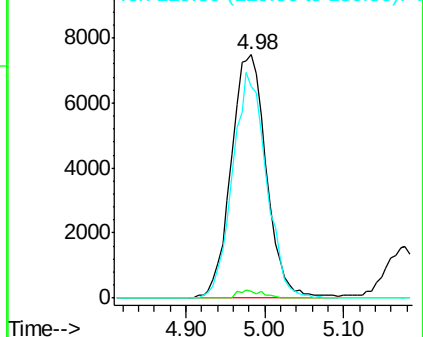
#28

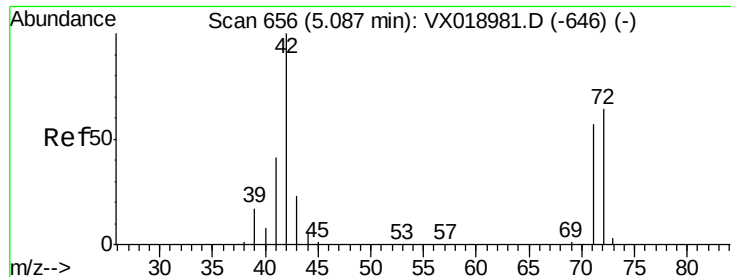
Bromochloromethane
 Concen: 18.624 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. 0.01 min
 Lab File: VX018980.D
 Acq: 20 Oct 2020 17:19

Tgt Ion	49	Resp	23303
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.8
130	88.4	74.0	111.0



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 100.818 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

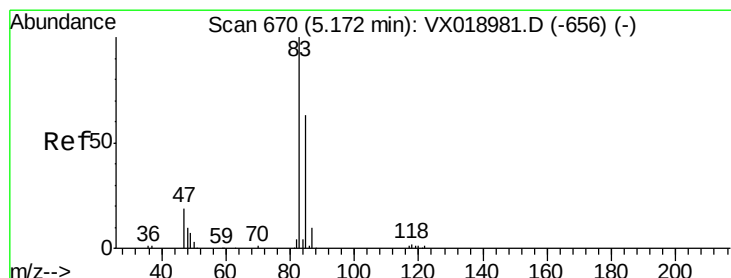
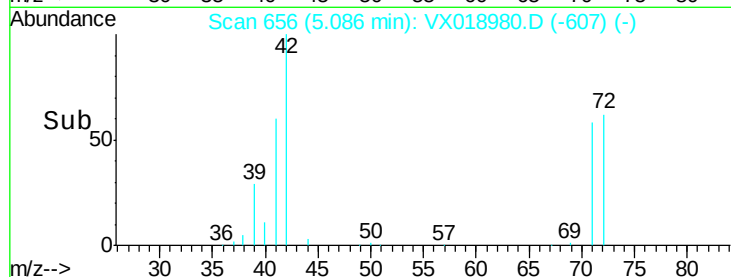
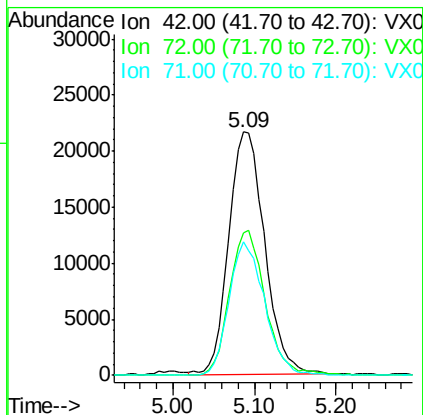
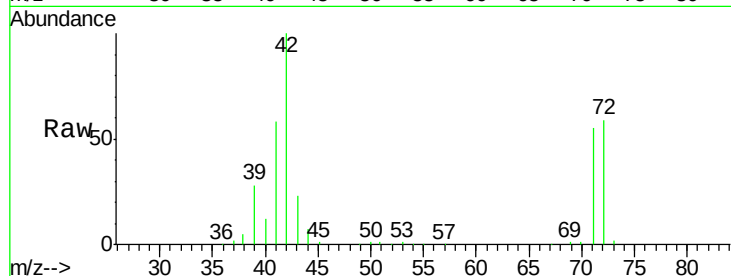
Tot Ion: 42 Resp: 66292

Ion Ratio Lower Upper

42 100

72 59.4 49.2 73.8

71 54.3 45.3 67.9



#30

Chloroform

Concen: 19.321 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.00 min

Lab File: VX018980.D

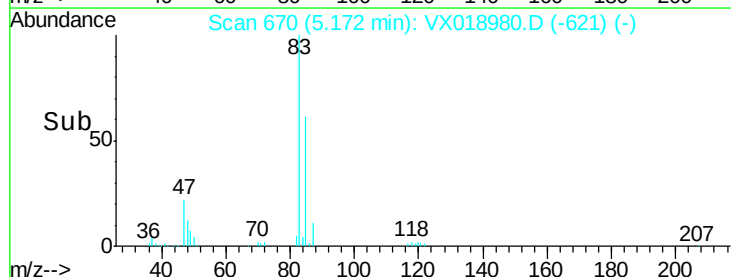
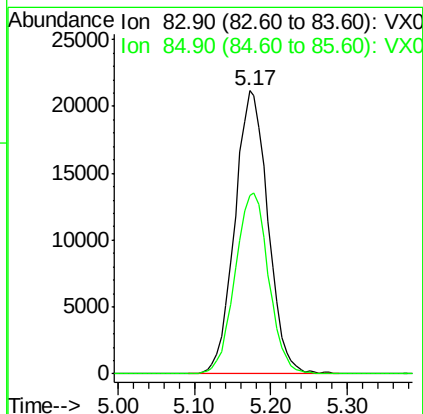
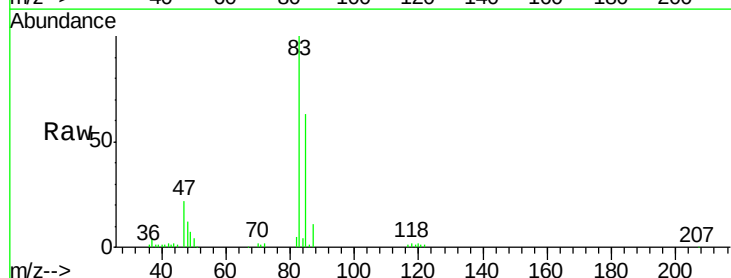
Acq: 20 Oct 2020 17:19

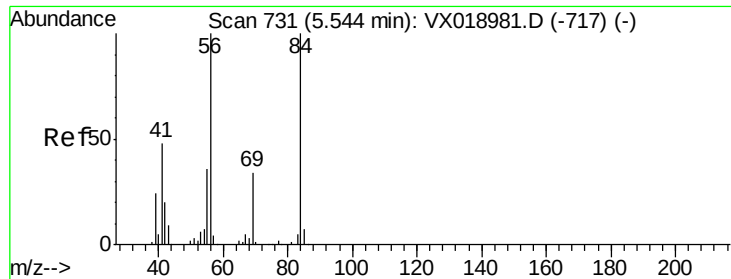
Tgt Ion: 83 Resp: 63581

Ion Ratio Lower Upper

83 100

85 63.2 50.1 75.1

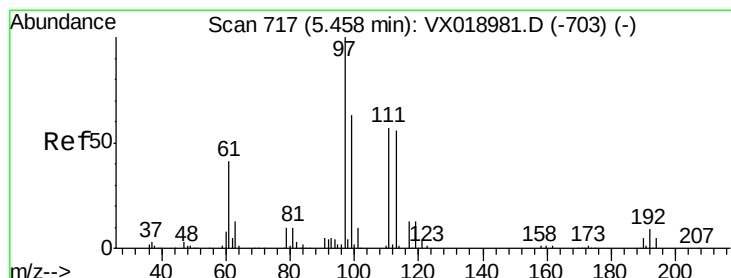
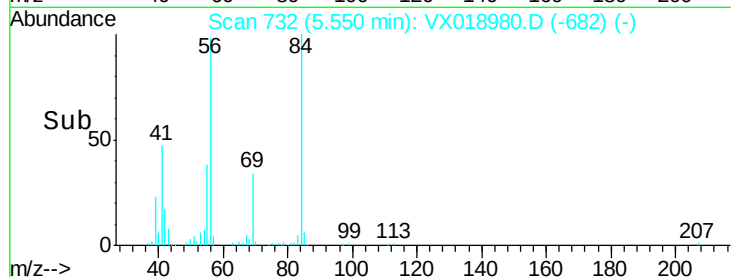
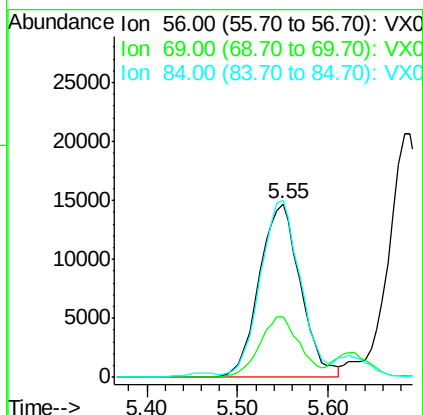
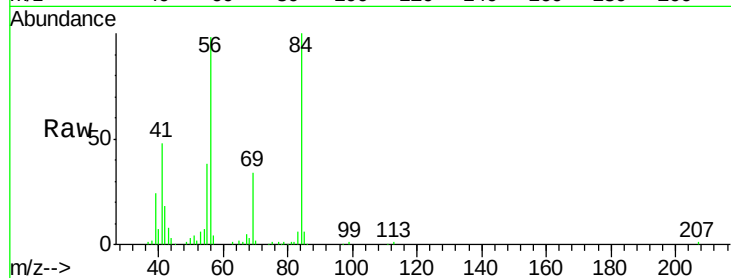




#31
Cyclohexane
Concen: 19.687 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.01 min
Lab File: VX018980.D
Acq: 20 Oct 2020 17:19

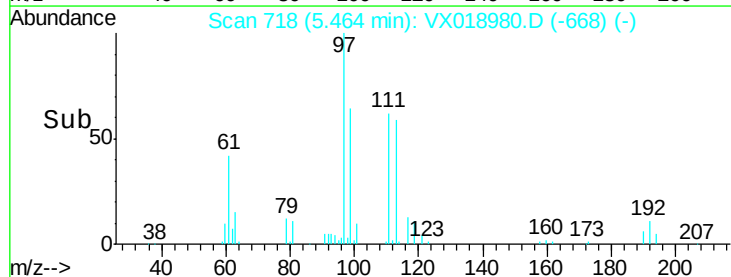
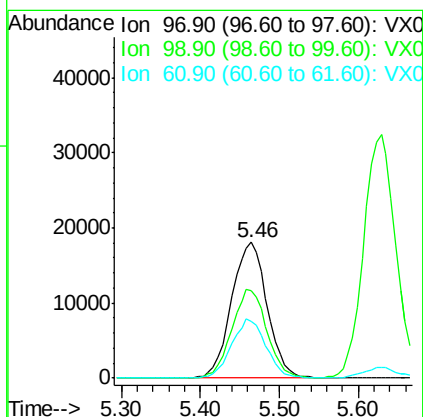
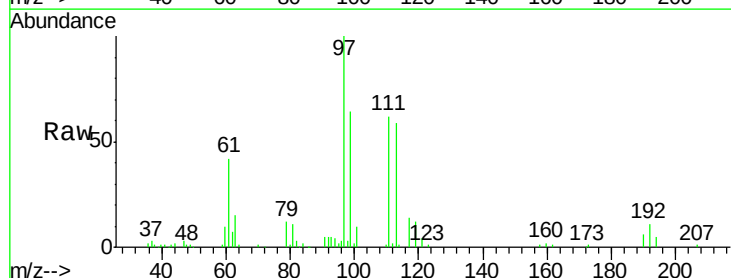
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

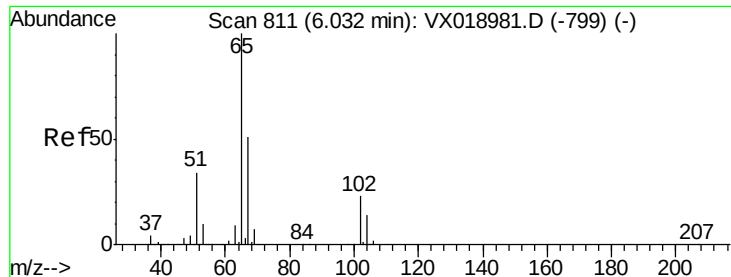
Tot Ion: 56 Resp: 46260
Ion Ratio Lower Upper
56 100
69 35.0 27.1 40.7
84 100.2 80.4 120.6



#32
1,1,1-Trichloroethane
Concen: 19.124 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX018980.D
Acq: 20 Oct 2020 17:19

Tgt Ion: 97 Resp: 56531
Ion Ratio Lower Upper
97 100
99 64.4 51.1 76.7
61 42.2 32.5 48.7

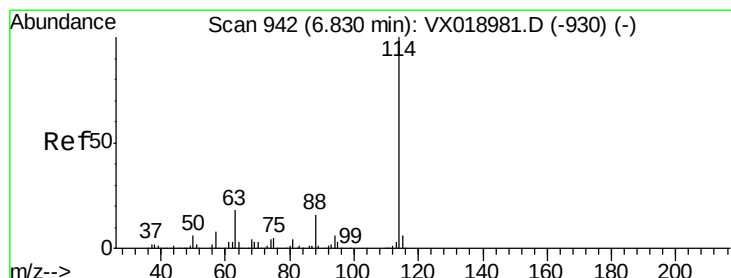
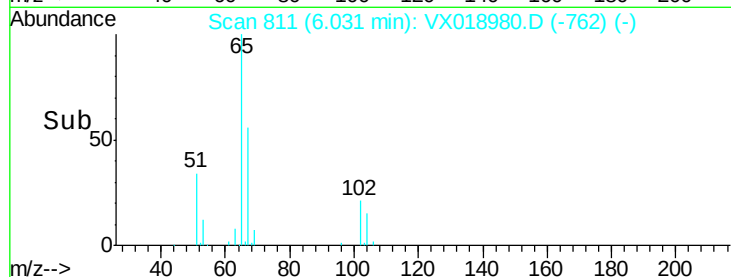
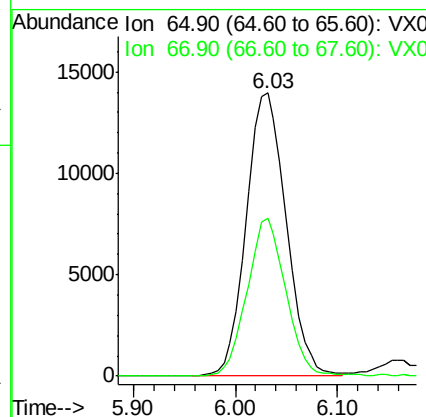
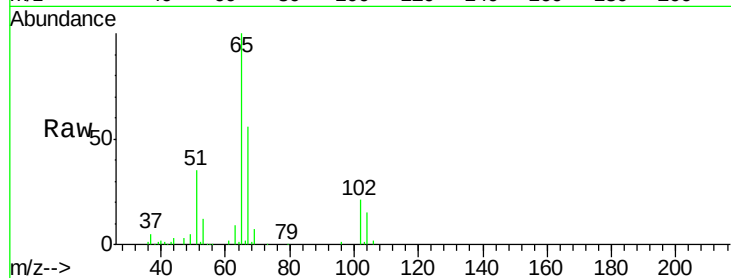




#33
 1,2-Dichloroethane-d4
 Concen: 18.893 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018980.D
 Acq: 20 Oct 2020 17:19

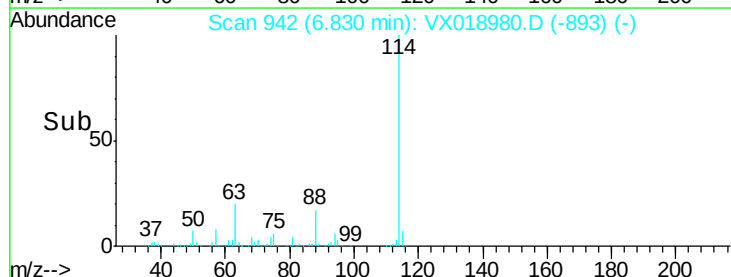
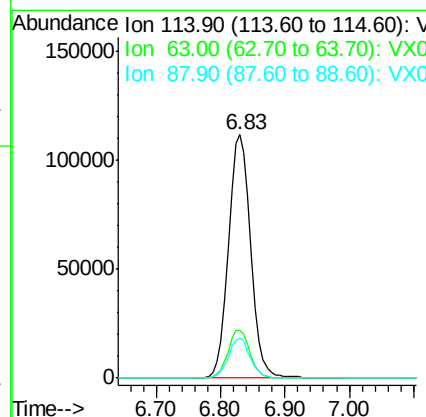
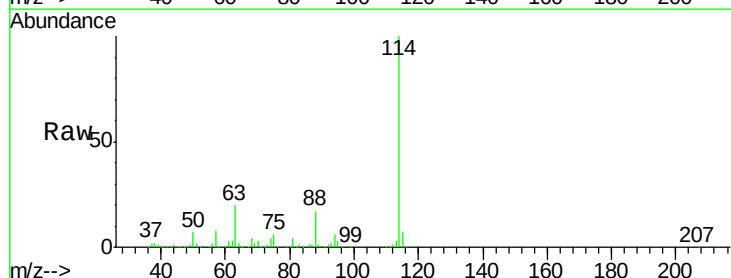
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

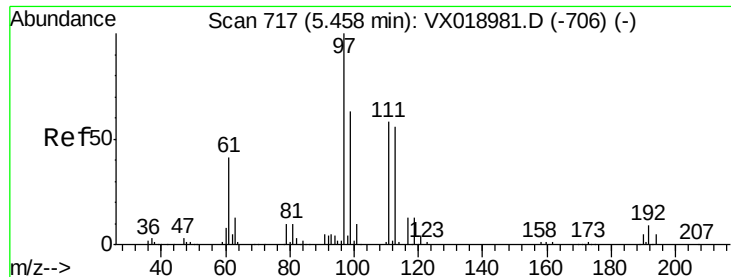
Tot Ion: 65 Resp: 38006
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX018980.D
 Acq: 20 Oct 2020 17:19

Tgt Ion: 114 Resp: 272001
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 36.8
 88 16.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 17.691 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

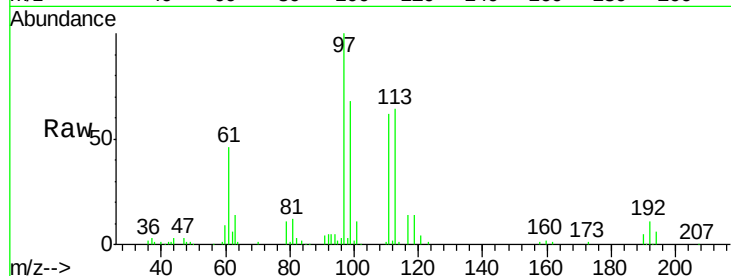
Tot Ion:113 Resp: 31010

Ion Ratio Lower Upper

113 100

111 101.9 84.1 126.1

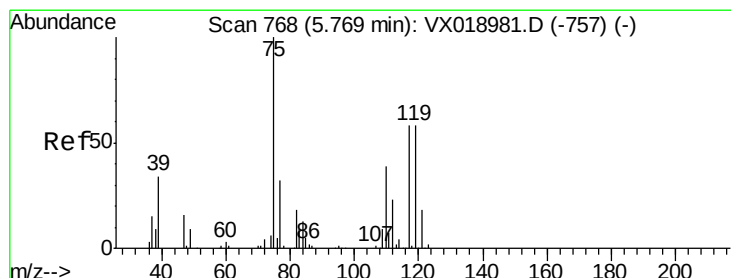
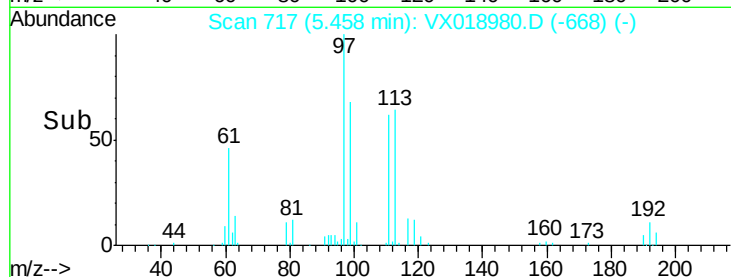
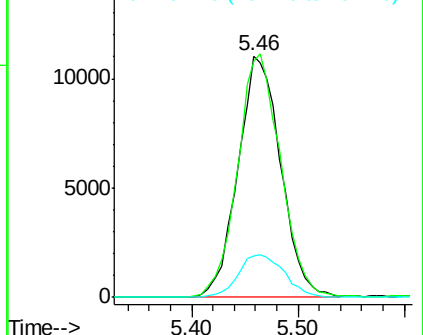
192 18.8 14.7 22.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.877 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

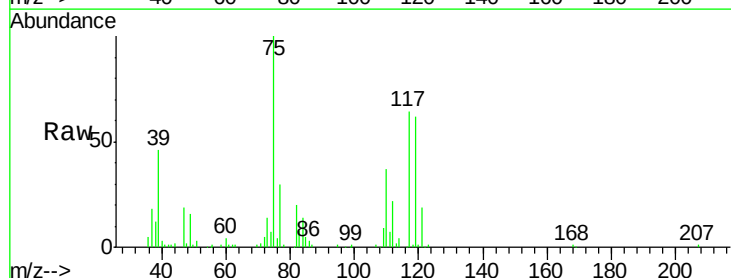
Tgt Ion: 75 Resp: 48387

Ion Ratio Lower Upper

75 100

110 35.7 18.6 55.6

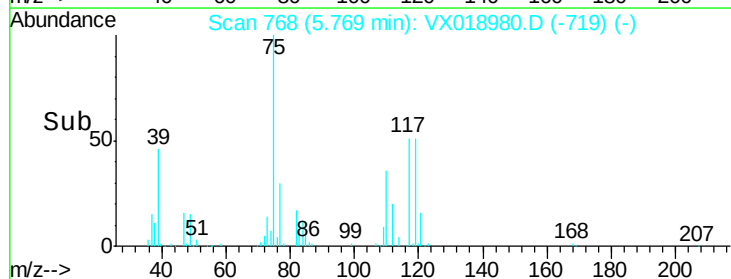
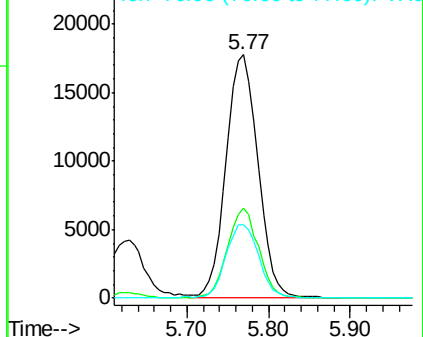
77 30.8 25.0 37.4

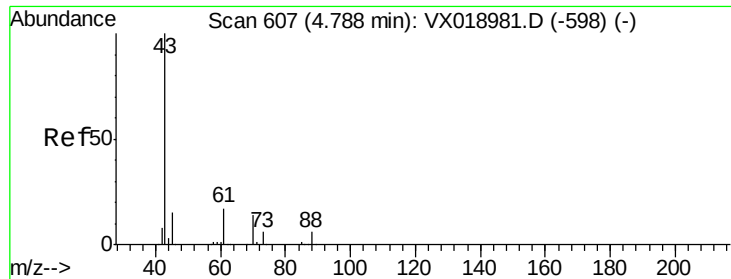


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

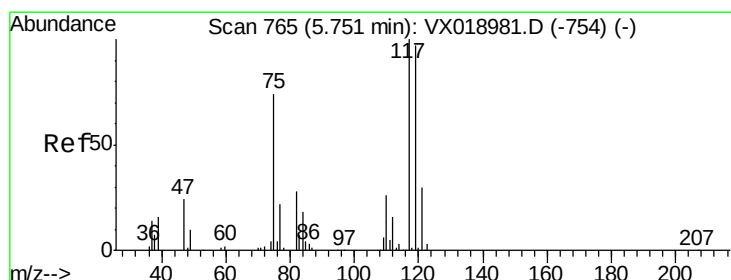
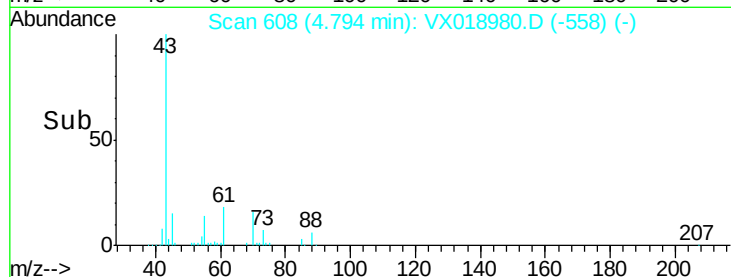
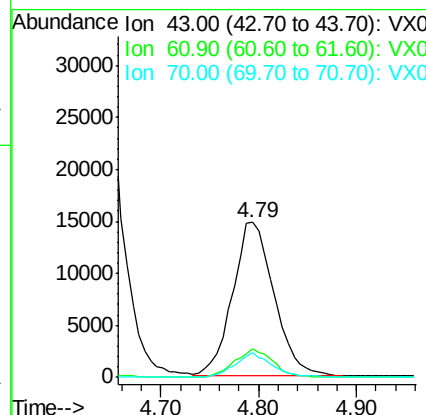
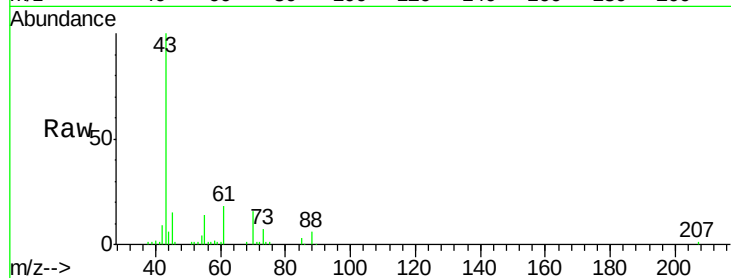




#37
Ethyl Acetate
Concen: 19.714 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX018980.D
Acq: 20 Oct 2020 17:19

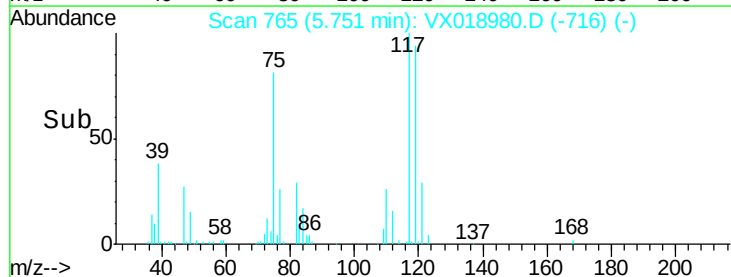
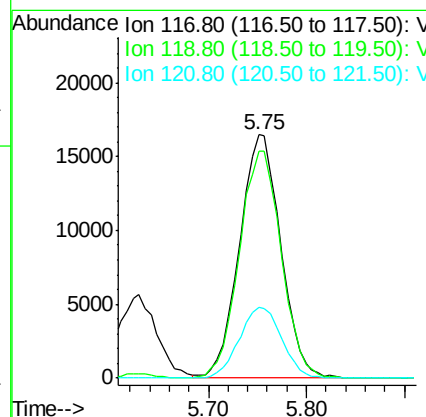
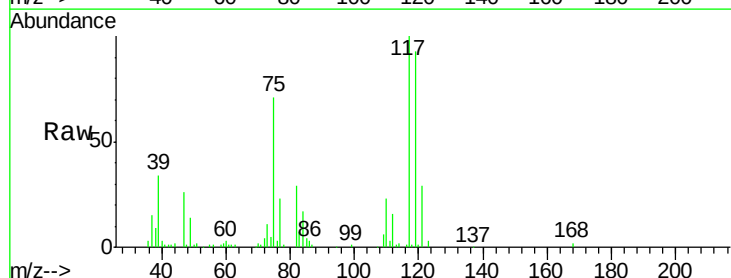
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

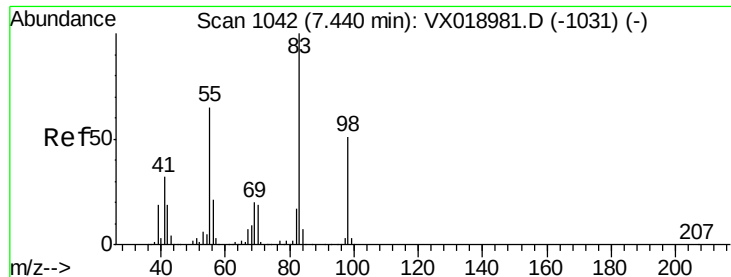
Tot Ion: 43 Resp: 43312
Ion Ratio Lower Upper
43 100
61 17.3 13.5 20.3
70 14.1 11.4 17.2



#38
Carbon Tetrachloride
Concen: 18.258 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX018980.D
Acq: 20 Oct 2020 17:19

Tgt Ion: 117 Resp: 48227
Ion Ratio Lower Upper
117 100
119 93.0 77.6 116.4
121 29.3 23.9 35.9

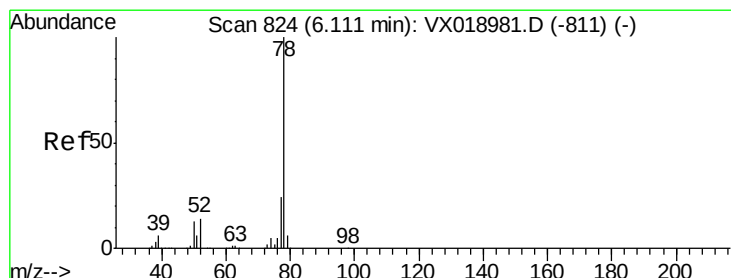
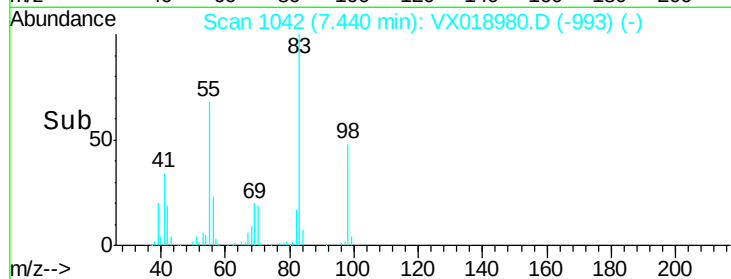
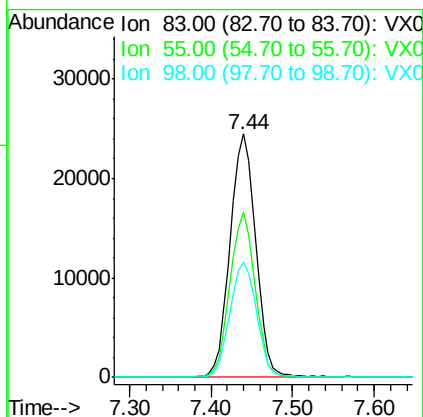
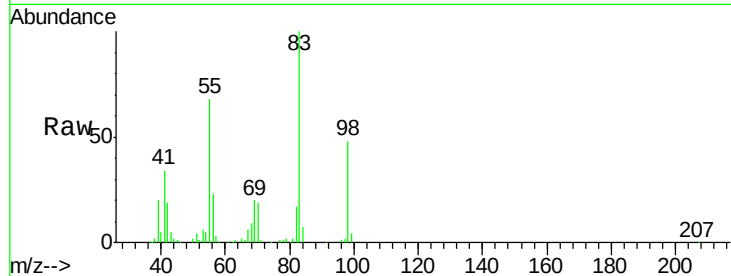




#39
Methylvlcyclohexane
Concen: 18.954 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018980.D
Acq: 20 Oct 2020 17:19

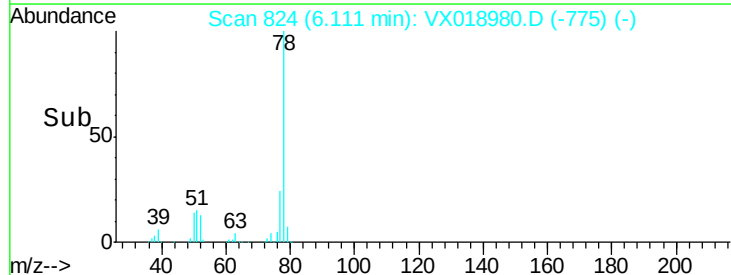
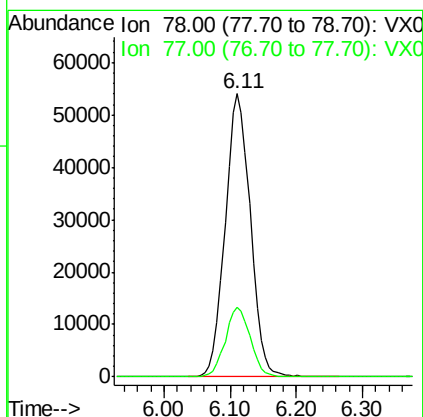
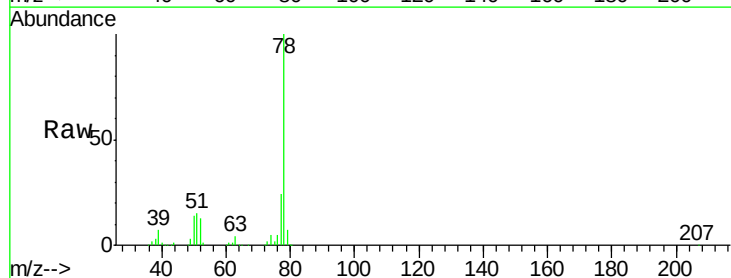
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

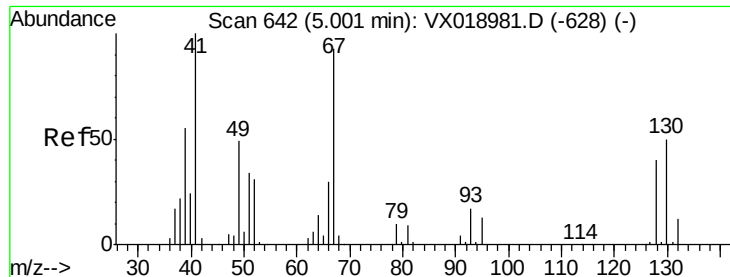
Tot Ion: 83 Resp: 53090
Ion Ratio Lower Upper
83 100
55 67.5 52.2 78.4
98 47.6 40.8 61.2



#40
Benzene
Concen: 19.083 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018980.D
Acq: 20 Oct 2020 17:19

Tgt Ion: 78 Resp: 142246
Ion Ratio Lower Upper
78 100
77 24.4 19.5 29.3

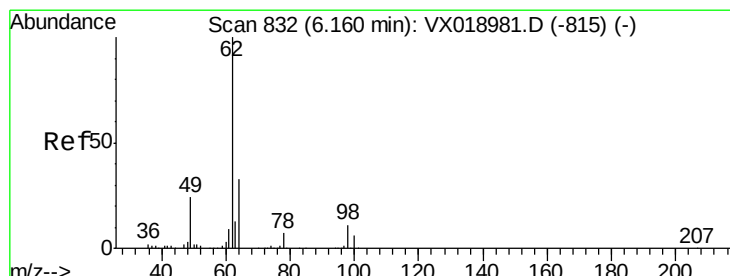
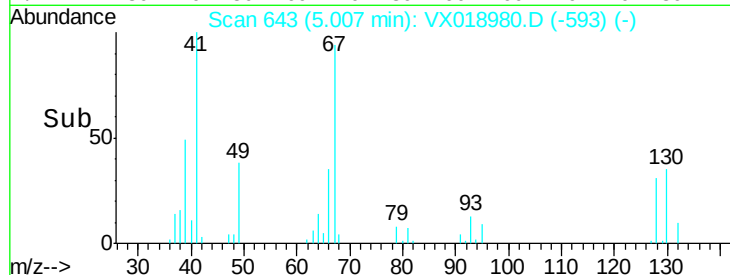
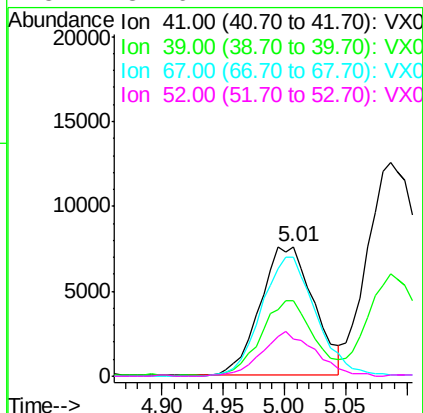
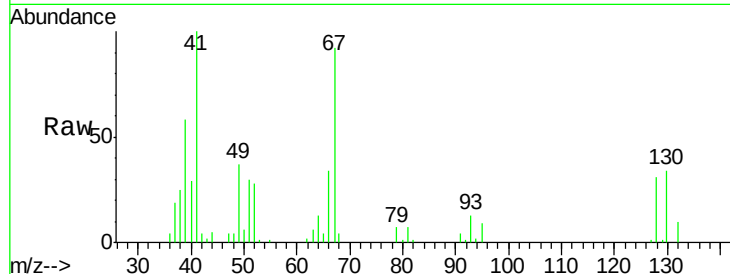




#41
Methacrylonitrile
Concen: 19.092 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX018980.D
Acq: 20 Oct 2020 17:19

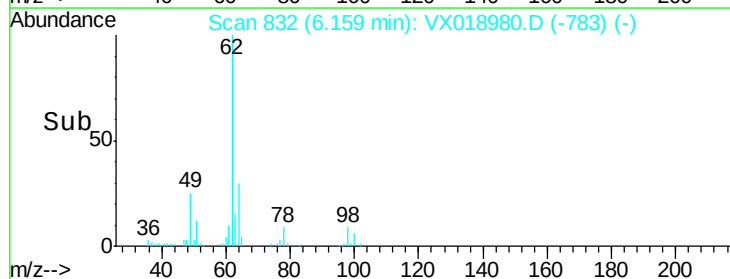
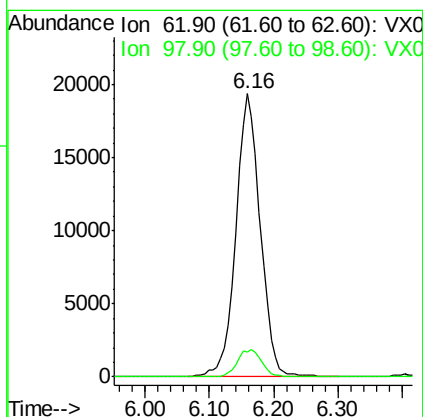
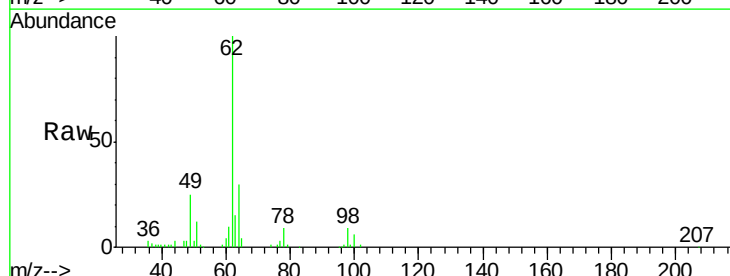
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

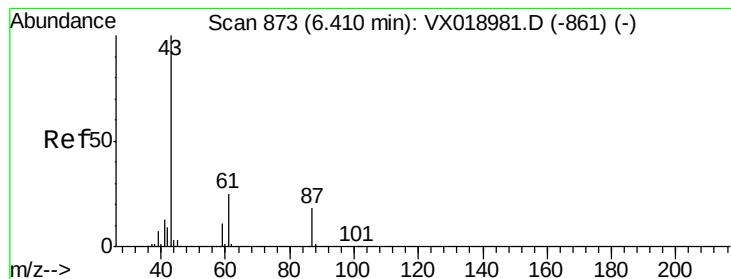
Tot Ion:	41	Resp:	23092
Ion	Ratio	Lower	Upper
41	100		
39	57.6	44.3	66.5
67	94.9	74.7	112.1
52	34.6	27.4	41.2



#42
1,2-Dichloroethane
Concen: 19.711 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX018980.D
Acq: 20 Oct 2020 17:19

Tgt Ion:	62	Resp:	50749
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	20.4





#43

Isopropyl Acetate

Concen: 19.348 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

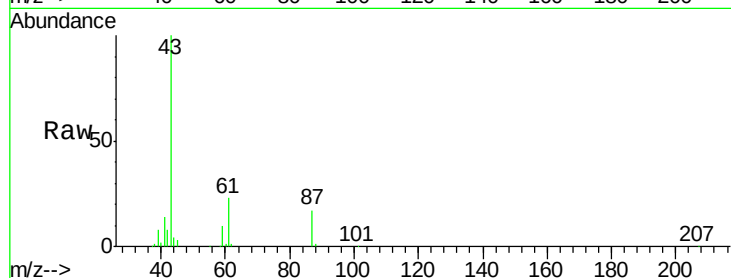
Tot Ion: 43 Resp: 74319

Ion Ratio Lower Upper

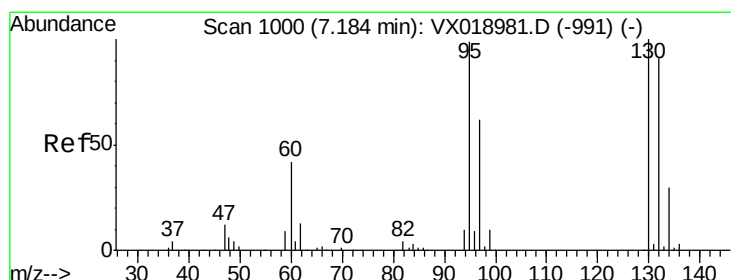
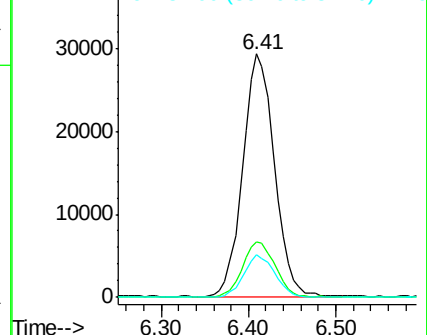
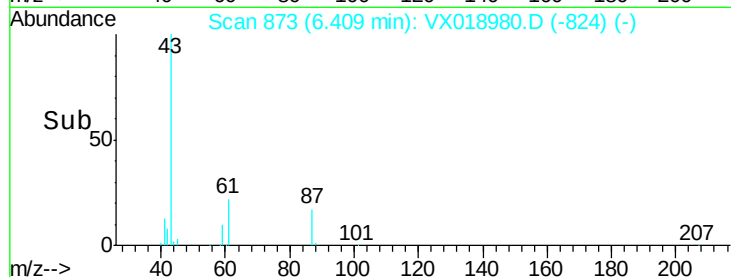
43 100

61 23.4 19.3 28.9

87 17.0 14.3 21.5



Abundance Ion 43.00 (42.70 to 43.70): VX018980.D (-824) (-)



#44

Trichloroethene

Concen: 17.907 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VX018980.D

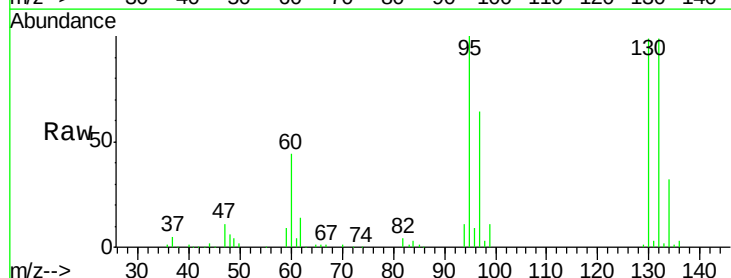
Acq: 20 Oct 2020 17:19

Tgt Ion: 130 Resp: 37500

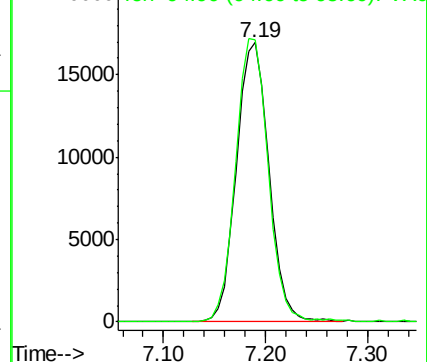
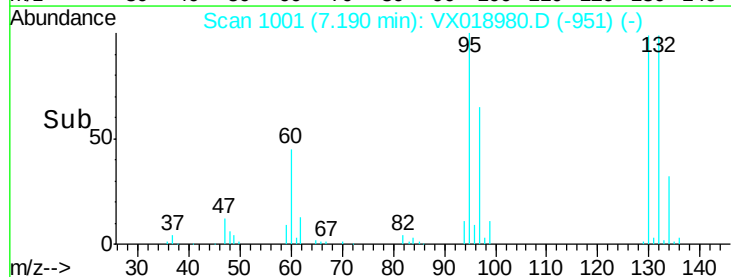
Ion Ratio Lower Upper

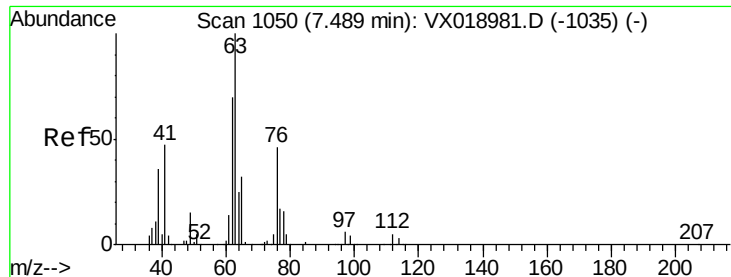
130 100

95 101.2 0.0 198.2



Abundance Ion 129.80 (129.50 to 130.50): VX018980.D (-951) (-)





#45

1,2-Dichloropropane

Concen: 19.389 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

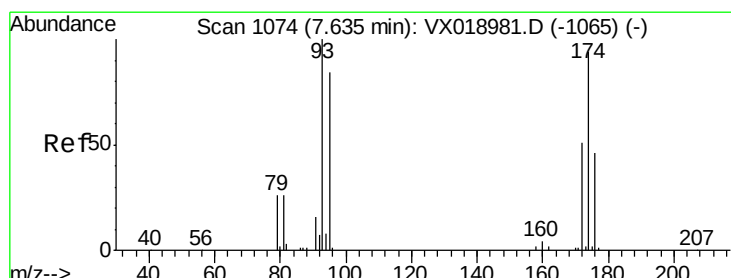
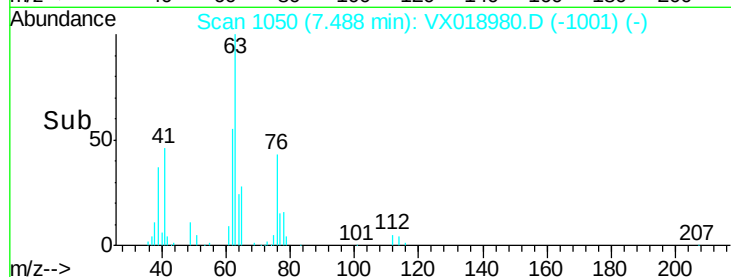
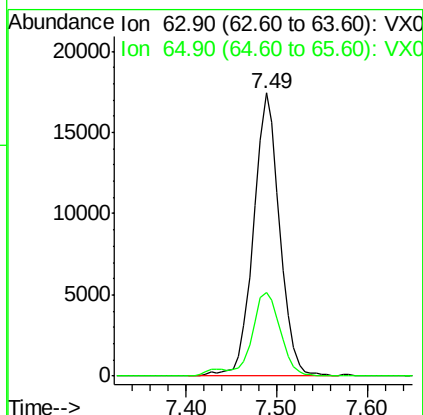
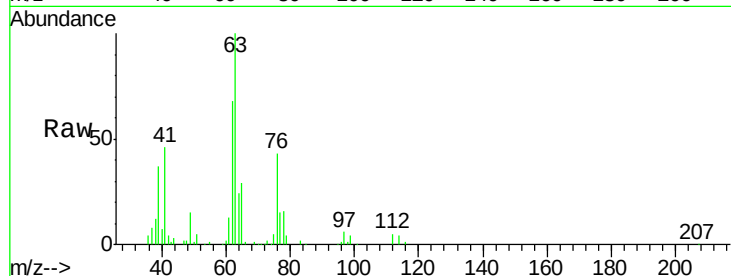
VSTDIC020

Tot Ion: 63 Resp: 34762

Ion Ratio Lower Upper

63 100

65 29.4 25.8 38.6



#46

Dibromomethane

Concen: 19.151 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

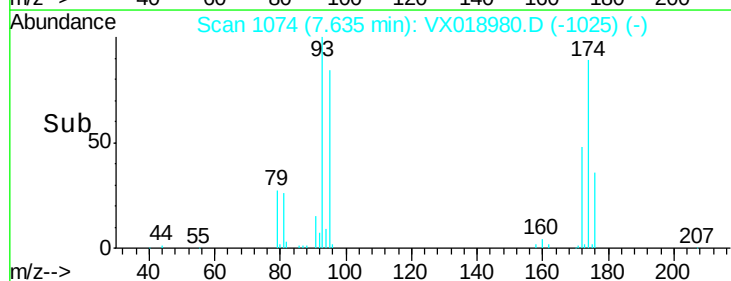
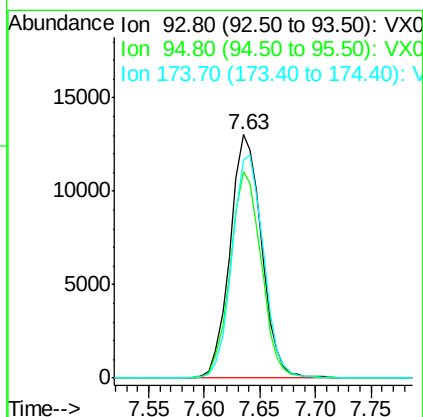
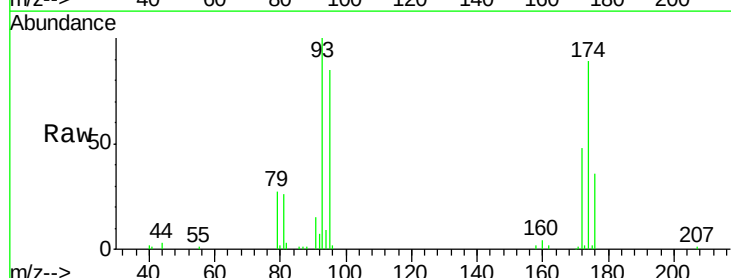
Tgt Ion: 93 Resp: 25558

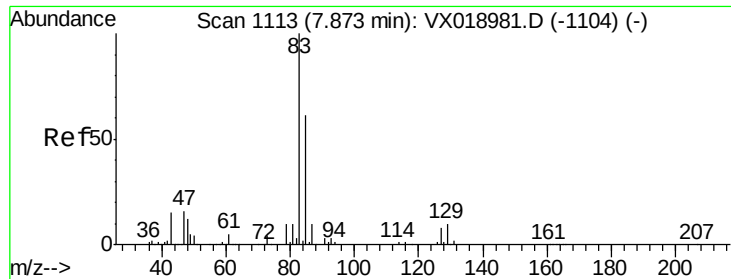
Ion Ratio Lower Upper

93 100

95 84.0 66.2 99.4

174 91.3 74.5 111.7





#47

Bromodichloromethane

Concen: 19.244 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

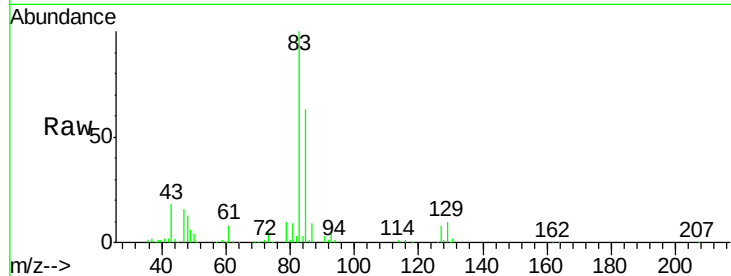
Tot Ion: 83 Resp: 51531

Ion Ratio Lower Upper

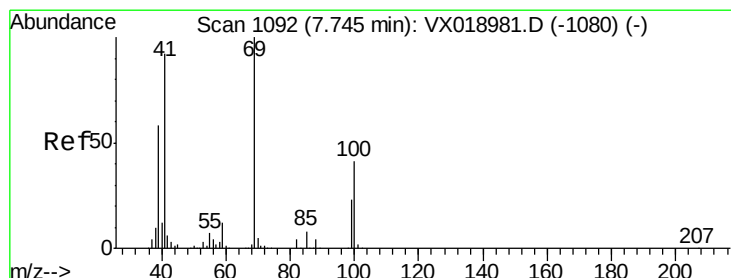
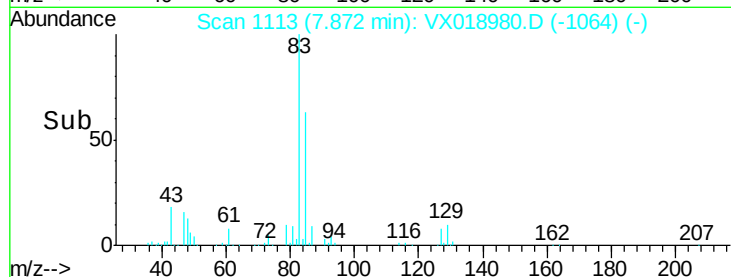
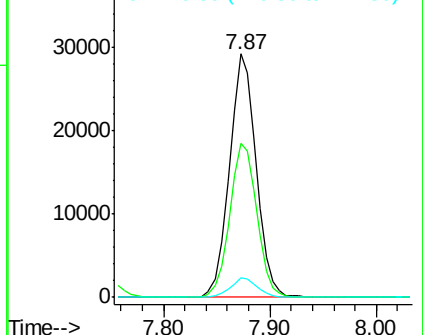
83 100

85 63.3 48.6 73.0

127 8.1 6.3 9.5



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



#48

Methyl methacrylate

Concen: 19.787 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

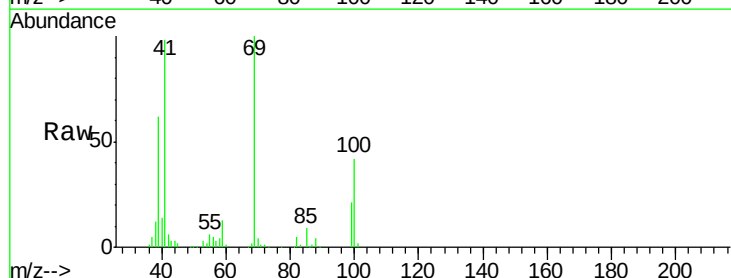
Tgt Ion: 41 Resp: 34978

Ion Ratio Lower Upper

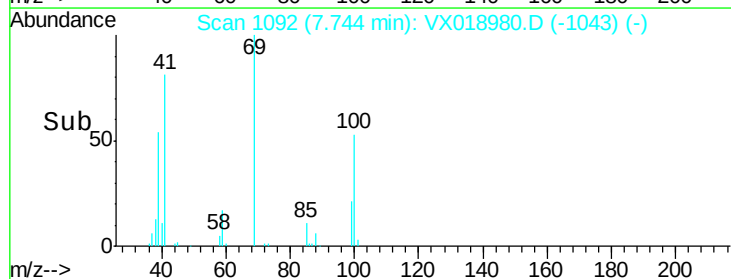
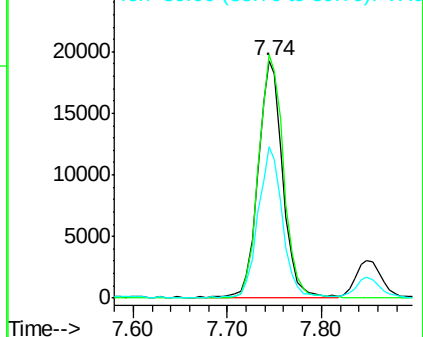
41 100

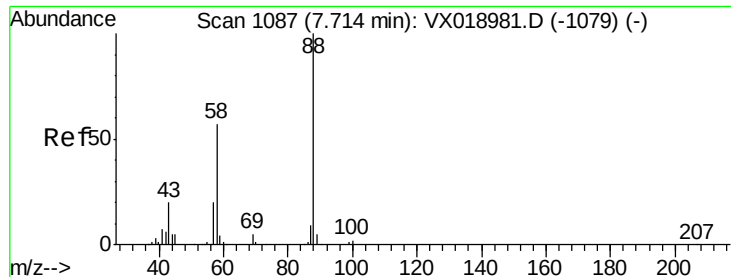
69 105.2 88.0 132.0

39 63.3 49.9 74.9



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

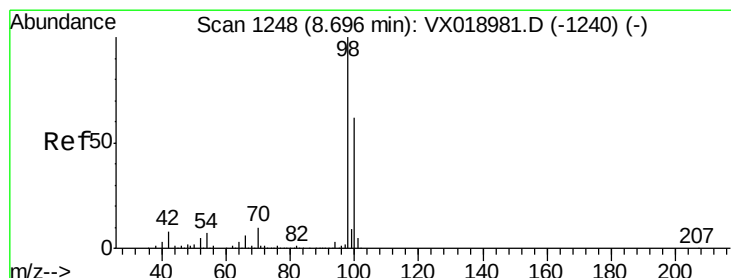
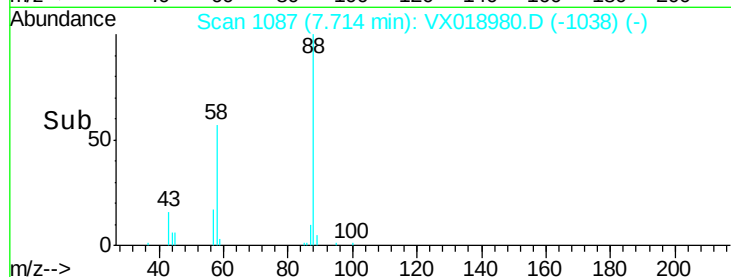
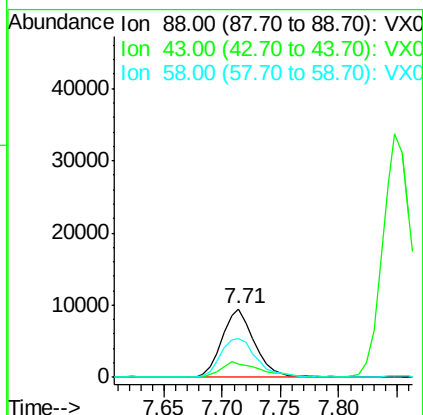
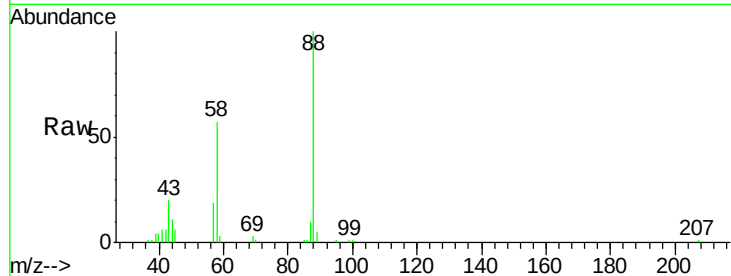




#49
1,4-Dioxane
Concen: 413.155 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018980.D
Acq: 20 Oct 2020 17:19

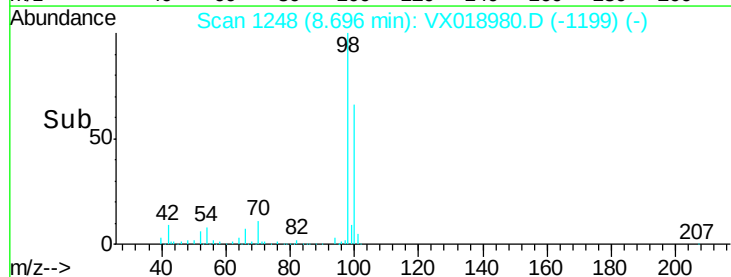
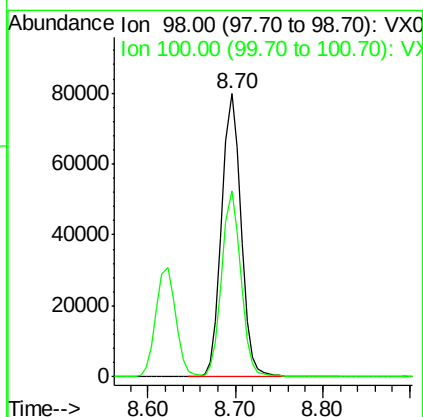
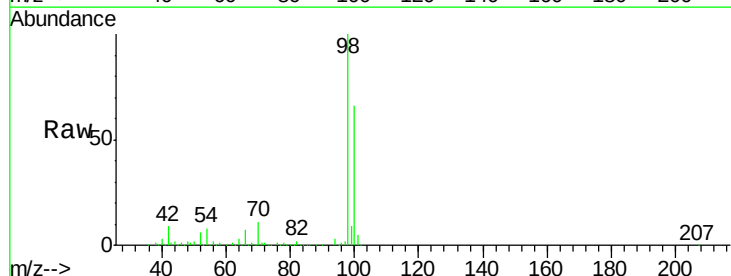
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

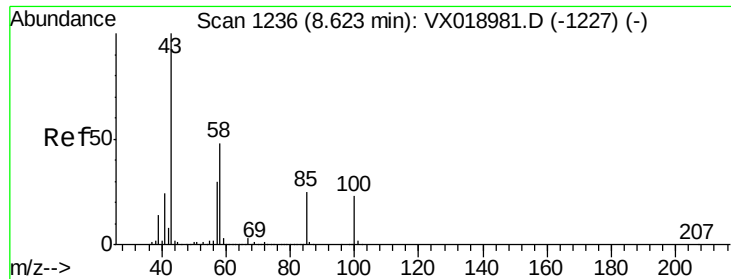
Tot Ion	88	Resp	18335
Ion	Ratio	Lower	Upper
88	100		
43	26.2	20.4	30.6
58	63.7	49.3	73.9



#50
Toluene-d8
Concen: 17.917 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018980.D
Acq: 20 Oct 2020 17:19

Tgt Ion	98	Resp	123162
Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.6	78.8

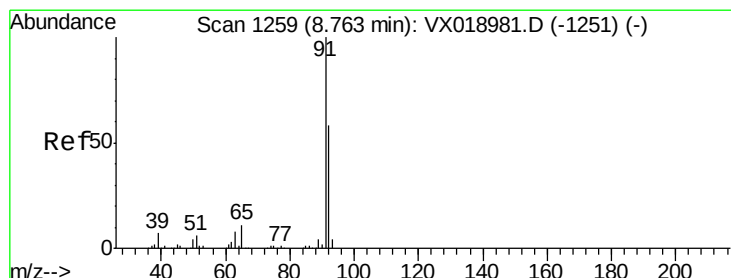
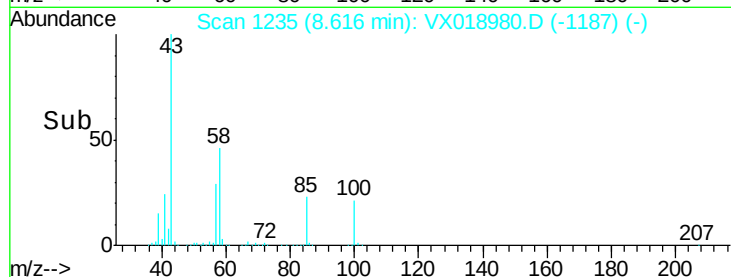
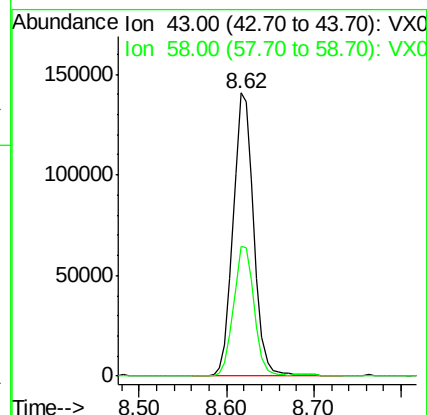
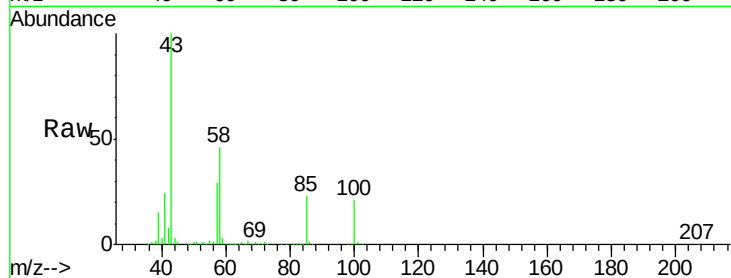




#51
4-Methyl-2-Pentanone
Concen: 102.508 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX018980.D
Acq: 20 Oct 2020 17:19

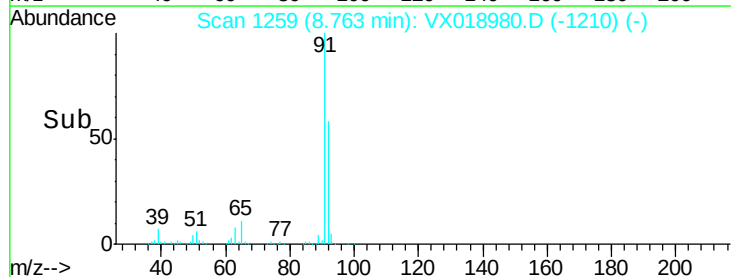
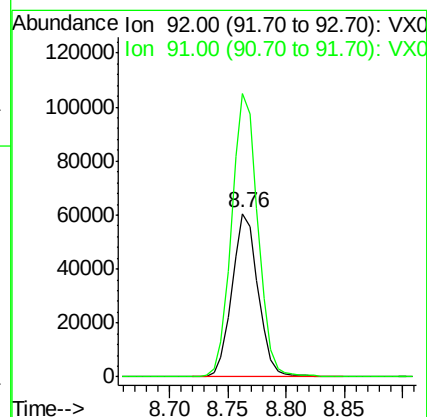
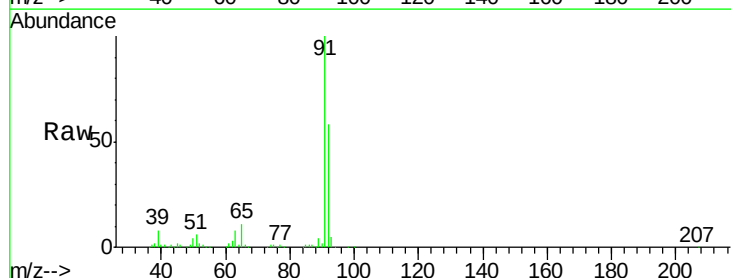
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

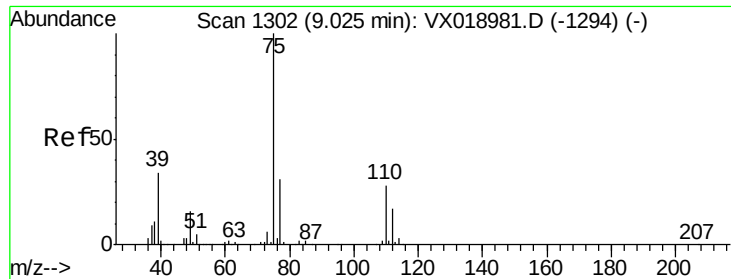
Tot Ion: 43 Resp: 230385
Ion Ratio Lower Upper
43 100
58 46.1 37.8 56.8



#52
Toluene
Concen: 19.372 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX018980.D
Acq: 20 Oct 2020 17:19

Tgt Ion: 92 Resp: 94355
Ion Ratio Lower Upper
92 100
91 175.0 136.5 204.7





#53

t-1,3-Dichloropropene

Concen: 18.887 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

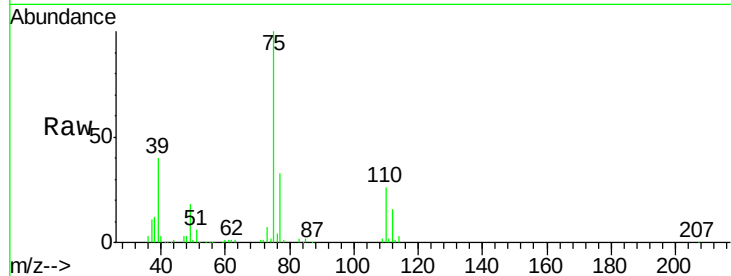
VSTDIC020

Tot Ion: 75 Resp: 57216

Ion Ratio Lower Upper

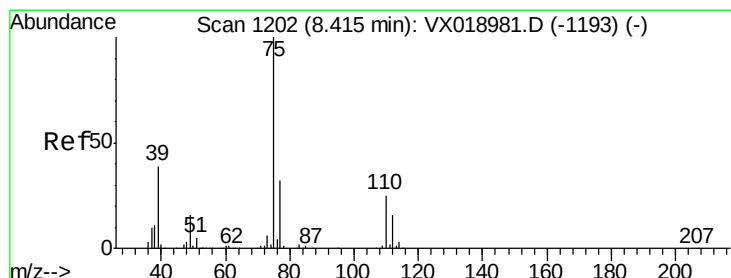
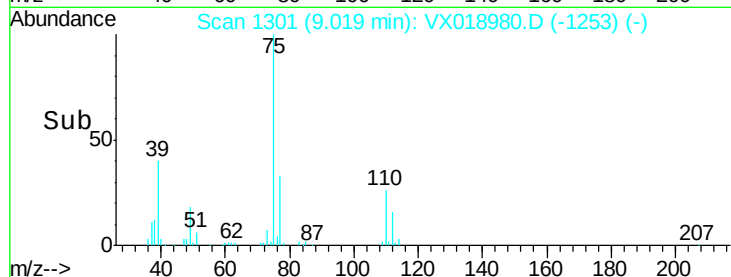
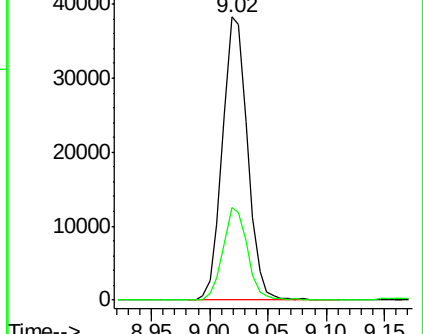
75 100

77 32.7 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 18.932 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

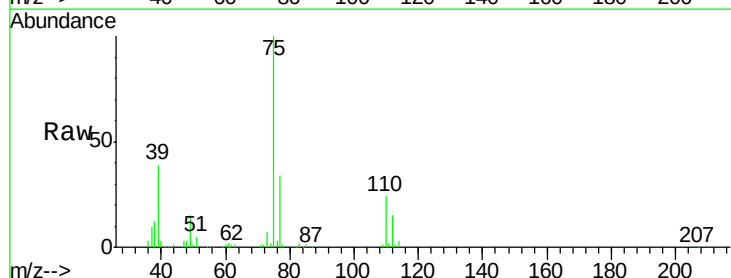
Tgt Ion: 75 Resp: 60494

Ion Ratio Lower Upper

75 100

77 33.6 25.4 38.0

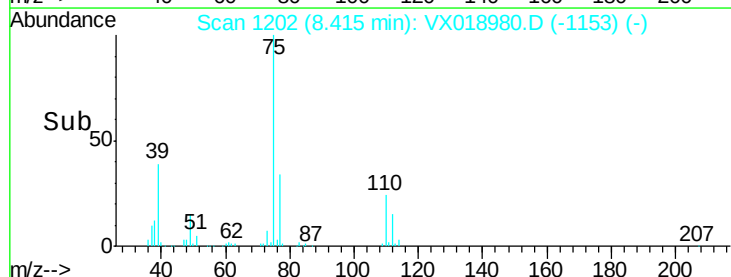
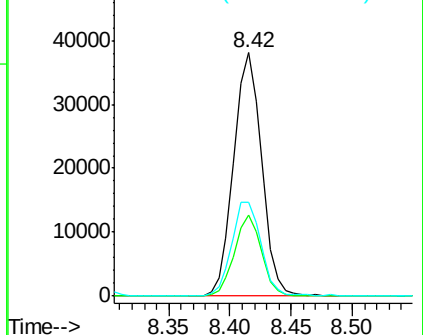
39 38.5 31.3 46.9

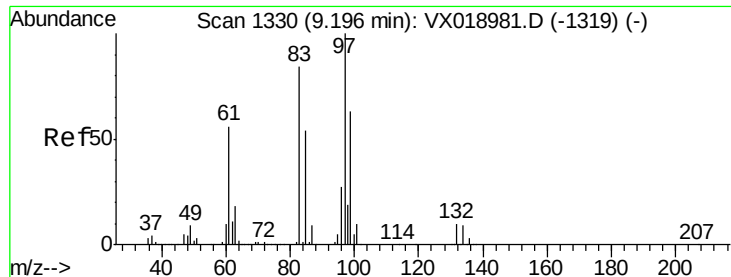


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

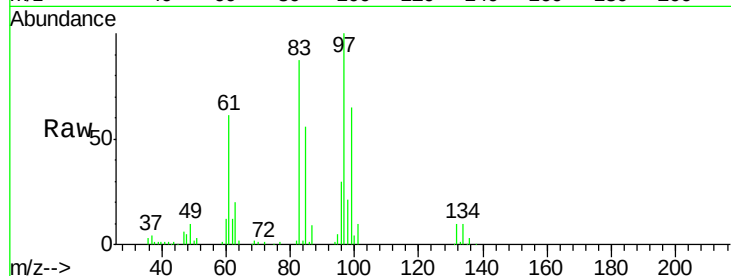




#55
 1,1,2-Trichloroethane
 Concen: 19.204 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018980.D
 Acq: 20 Oct 2020 17:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Resp	Lower	Upper
97	37476		
Ion Ratio			
97	100		
83	87.3	67.4	101.0
85	56.1	43.1	64.7
99	64.5	50.5	75.7

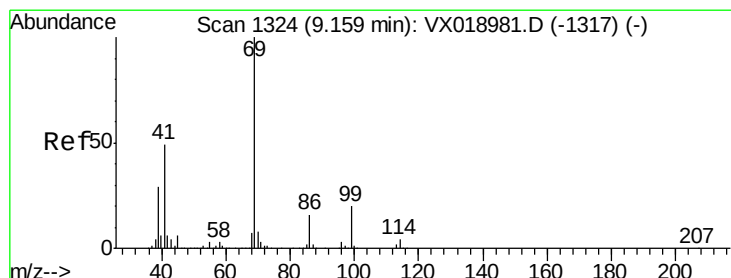
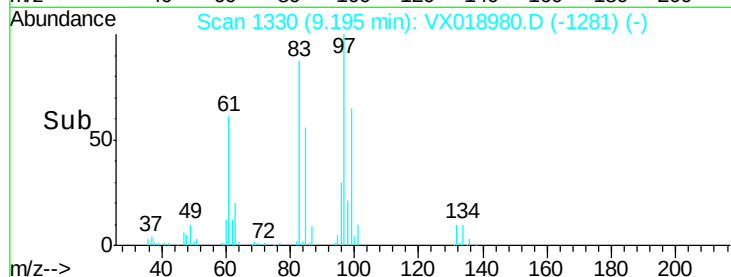
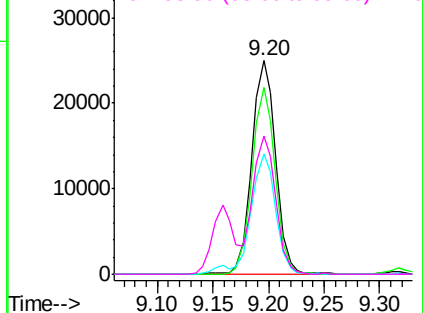


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

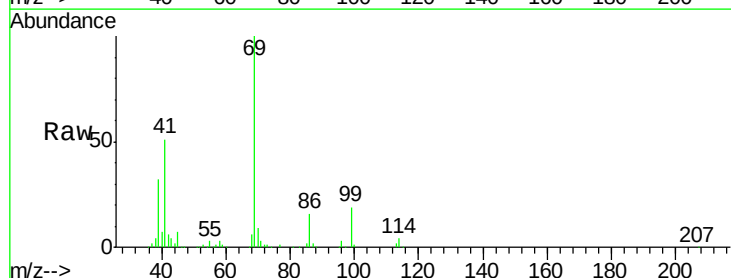
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 19.294 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018980.D
 Acq: 20 Oct 2020 17:19

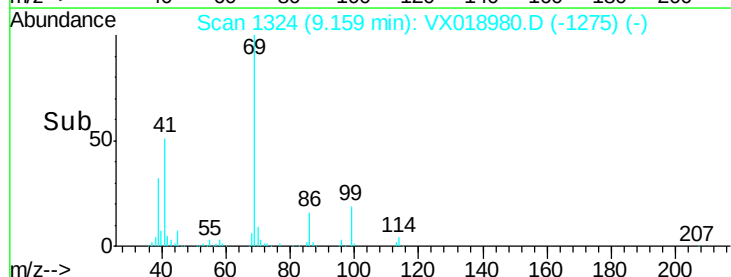
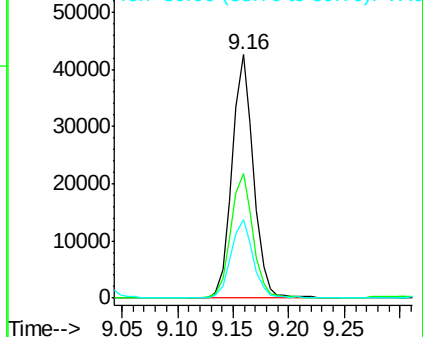
Tgt Ion	Resp	Lower	Upper
69	56489		
Ion Ratio			
69	100		
41	53.2	39.8	59.6
39	33.2	23.8	35.6

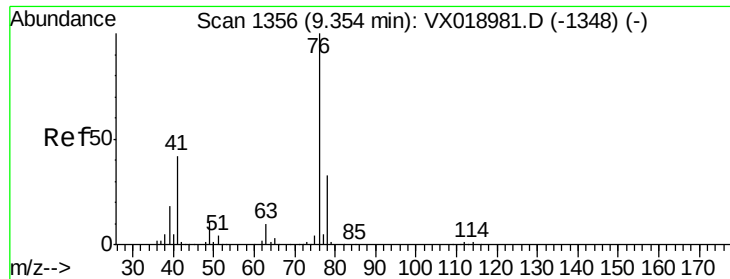


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

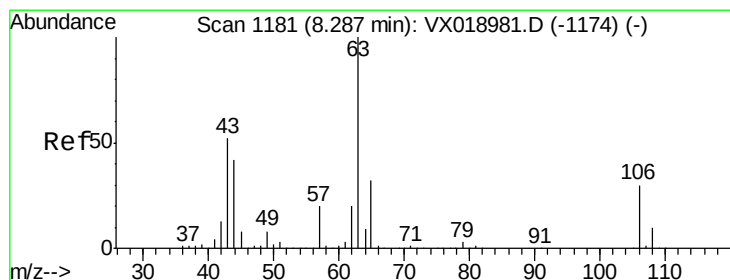
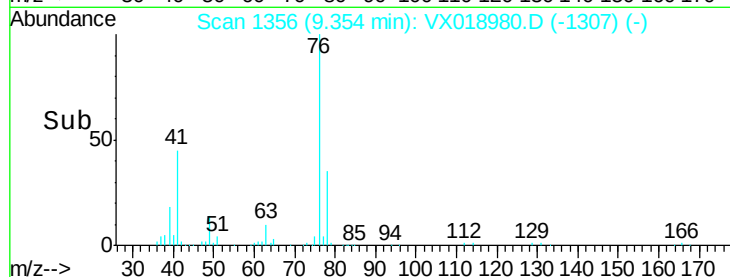
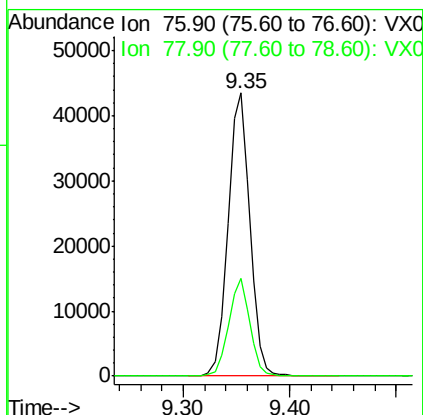
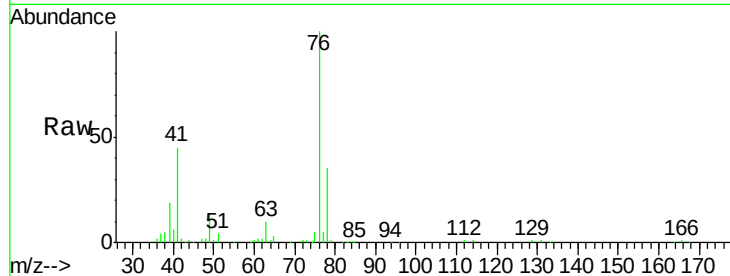




#57
 1,3-Dichloropropane
 Concen: 19.407 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX018980.D
 Acq: 20 Oct 2020 17:19

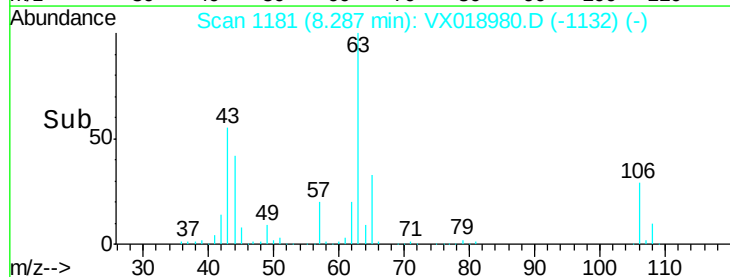
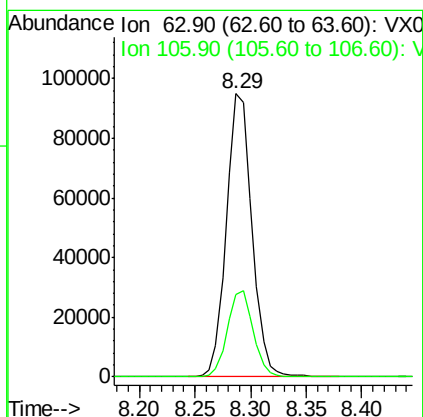
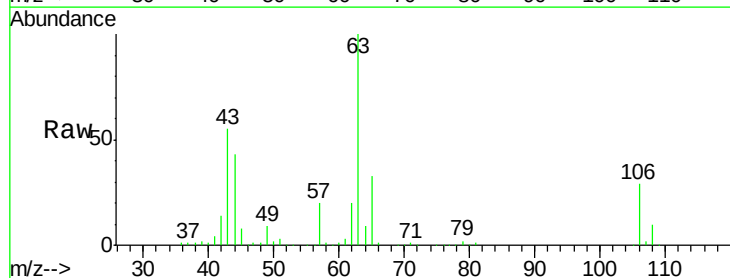
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

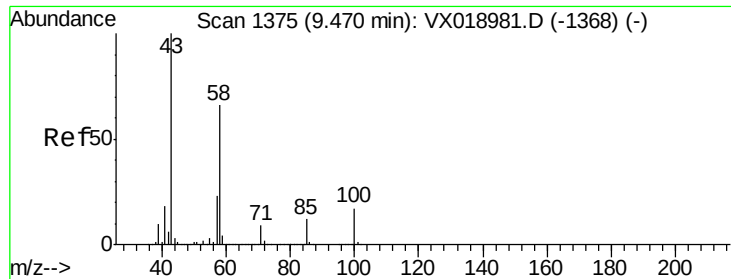
Tot Ion: 76 Resp: 62454
 Ion Ratio Lower Upper
 76 100
 78 33.4 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.829 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX018980.D
 Acq: 20 Oct 2020 17:19

Tgt Ion: 63 Resp: 151019
 Ion Ratio Lower Upper
 63 100
 106 30.6 25.0 37.4

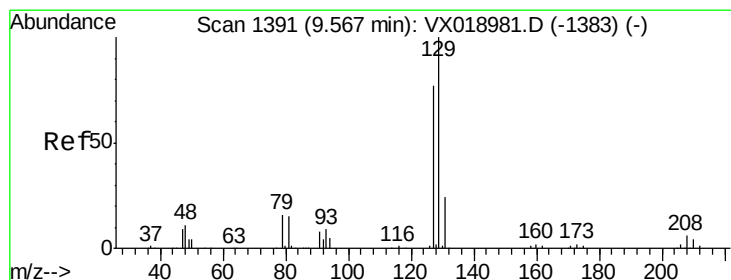
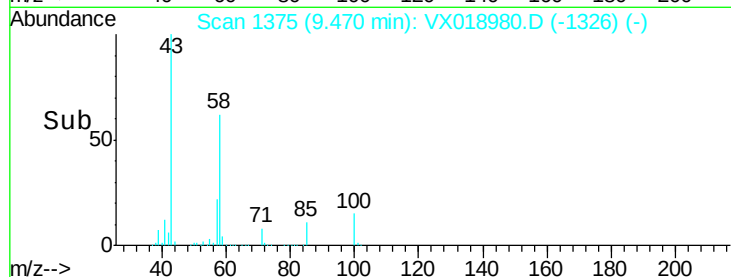
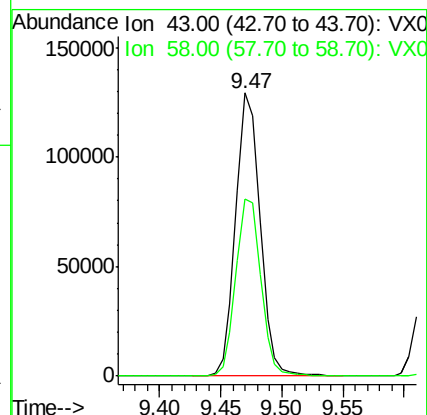
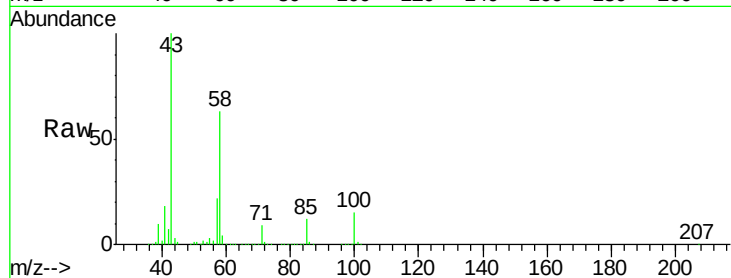




#59
2-Hexanone
Concen: 102.593 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX018980.D
Acq: 20 Oct 2020 17:19

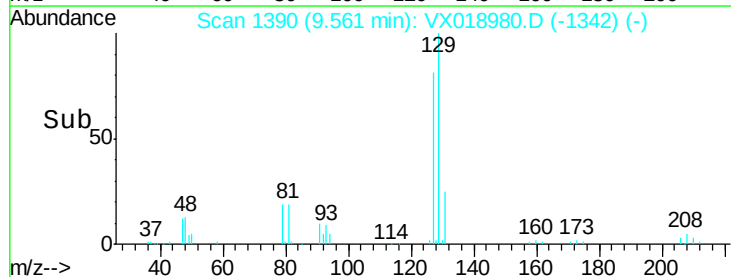
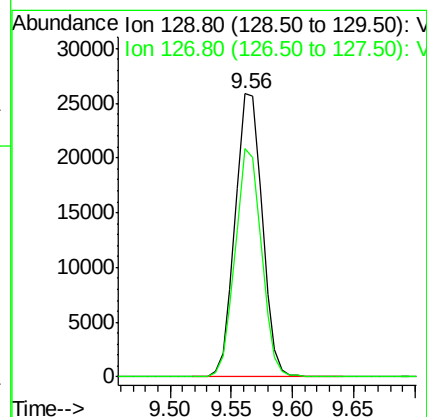
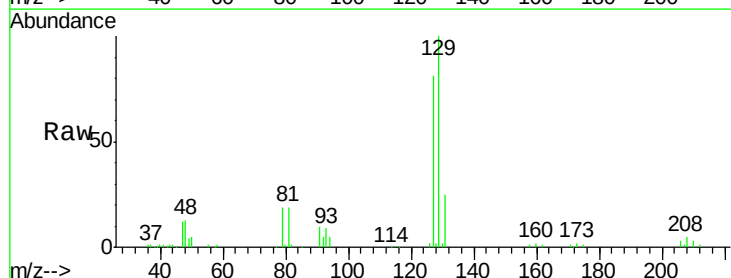
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

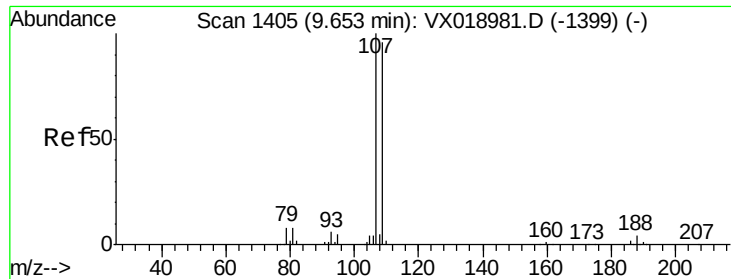
Tot Ion: 43 Resp: 178488
Ion Ratio Lower Upper
43 100
58 64.5 33.0 99.0



#60
Dibromochloromethane
Concen: 18.051 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018980.D
Acq: 20 Oct 2020 17:19

Tgt Ion: 129 Resp: 39527
Ion Ratio Lower Upper
129 100
127 78.2 38.8 116.4





#61

1,2-Dibromoethane

Concen: 19.100 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

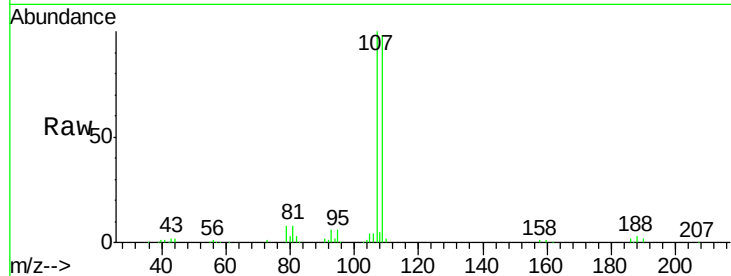
VSTDIC020

Tot Ion:107 Resp: 39939

Ion Ratio Lower Upper

107 100

109 94.8 76.6 115.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

30000

25000

20000

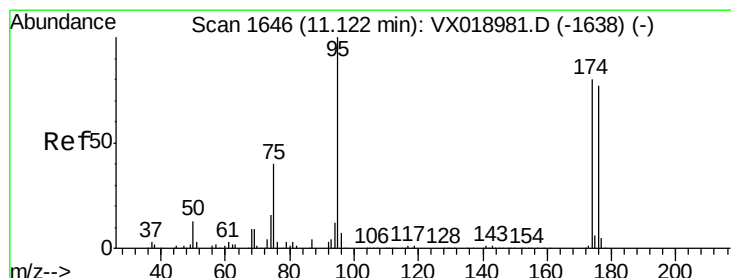
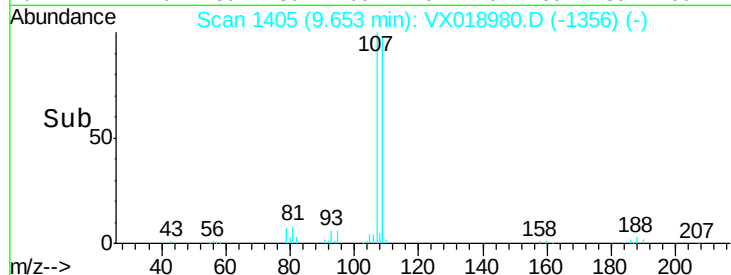
15000

10000

5000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 18.009 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

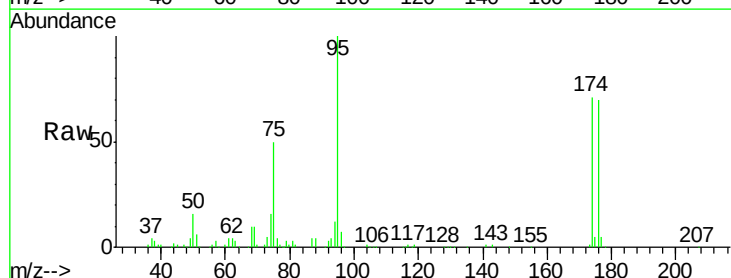
Tgt Ion: 95 Resp: 46313

Ion Ratio Lower Upper

95 100

174 72.9 0.0 159.8

176 70.5 0.0 152.8



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

50000

40000

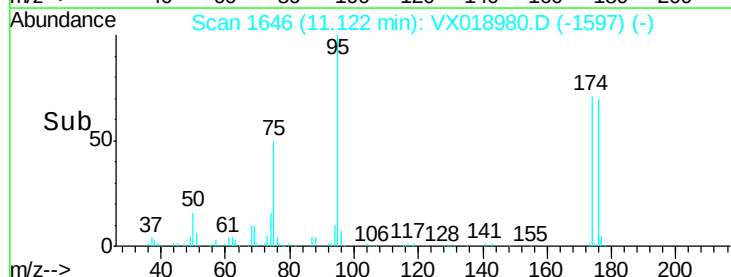
30000

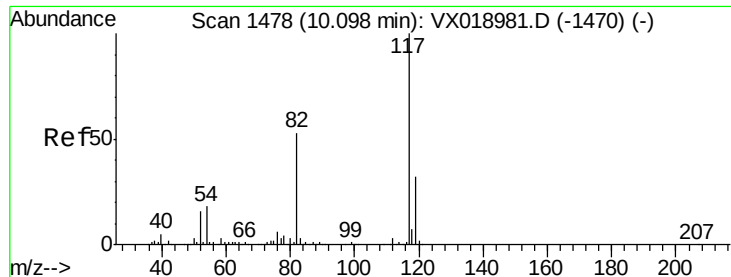
20000

10000

0

Time--> 11.05 11.10 11.15 11.20

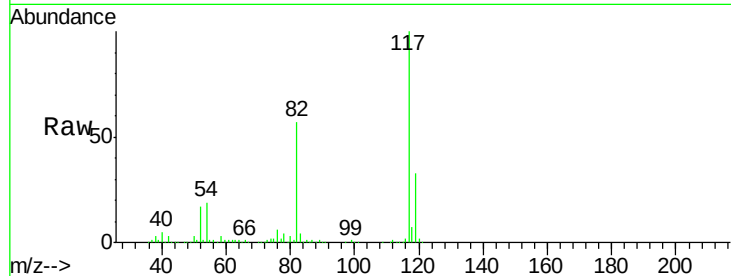




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018980.D
Acq: 20 Oct 2020 17:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.2	42.2	63.4
119	33.0	25.8	38.8

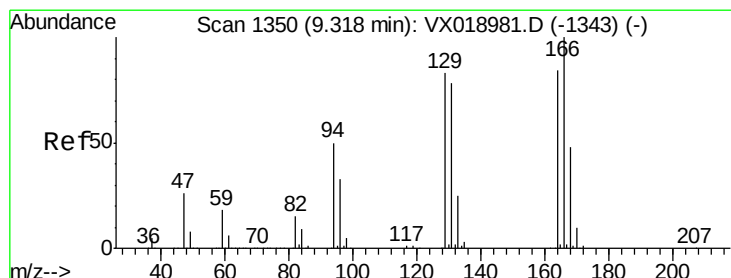
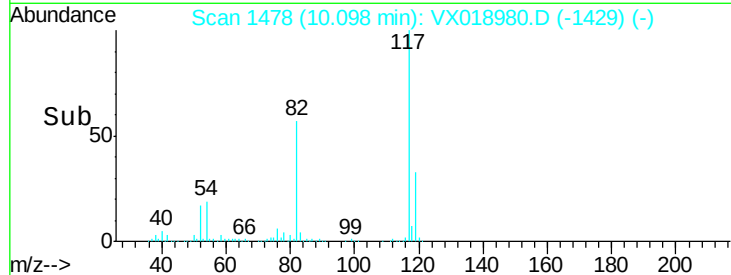
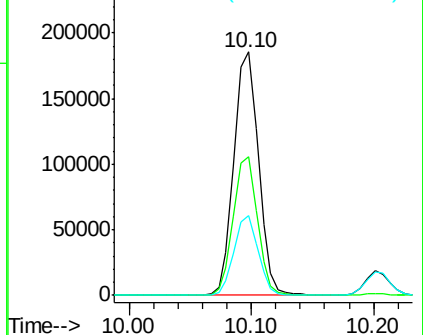


Abundance

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: 15.872 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018980.D
Acq: 20 Oct 2020 17:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.6	95.2	142.8
129	104.1	79.4	119.0
131	95.5	74.2	111.2

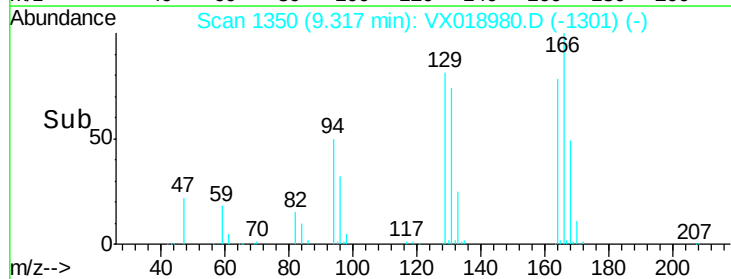
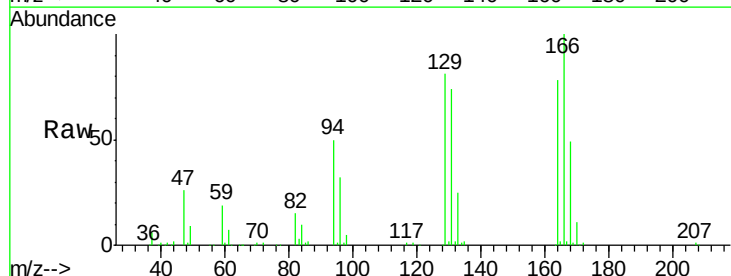
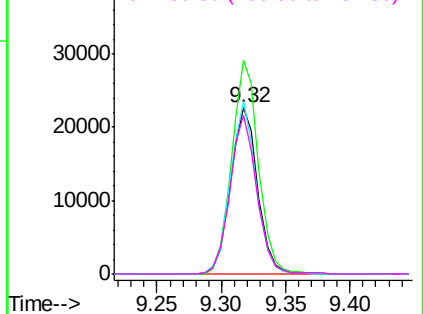
Abundance

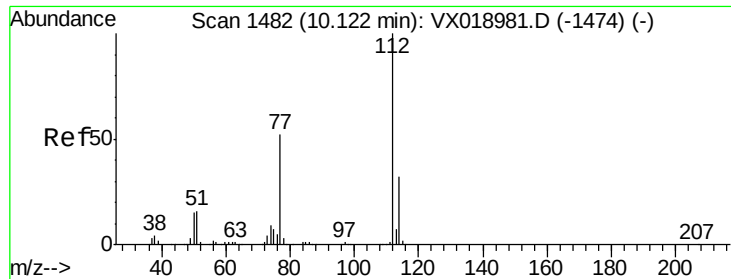
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 18.525 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

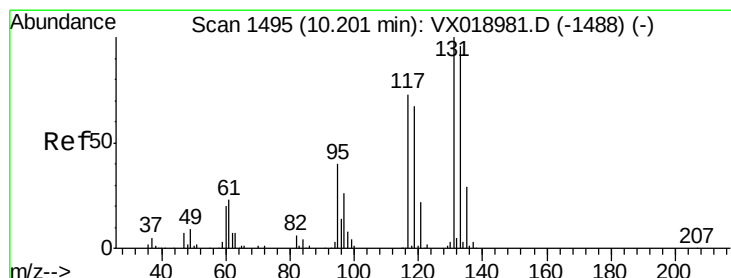
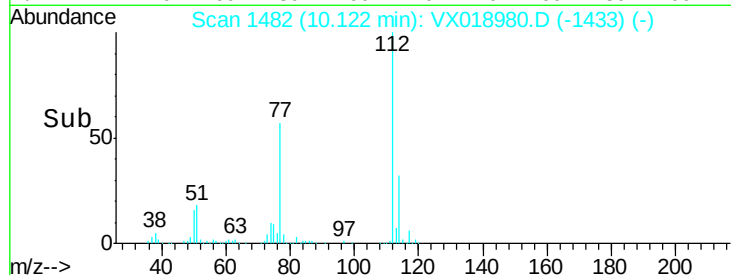
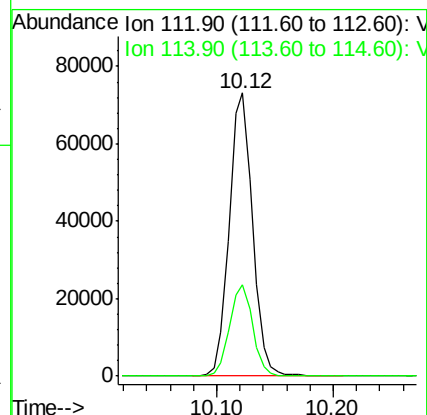
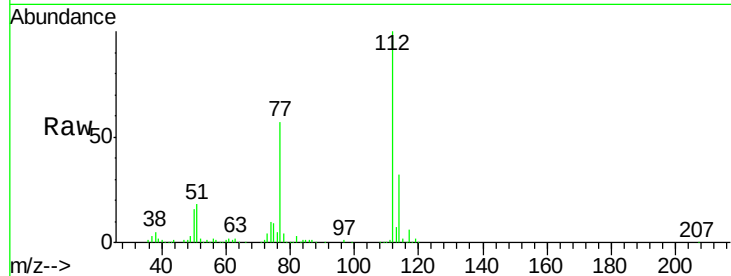
VSTDIC020

Tot Ion:112 Resp: 101232

Ion Ratio Lower Upper

112 100

114 32.3 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 18.037 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

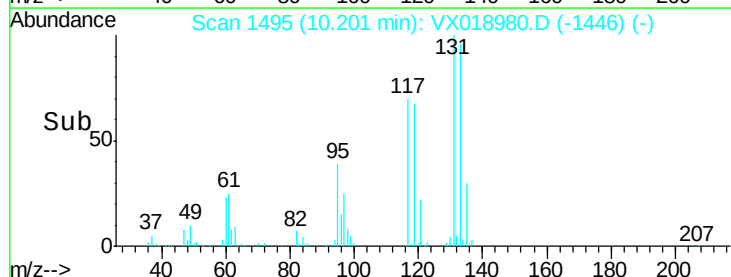
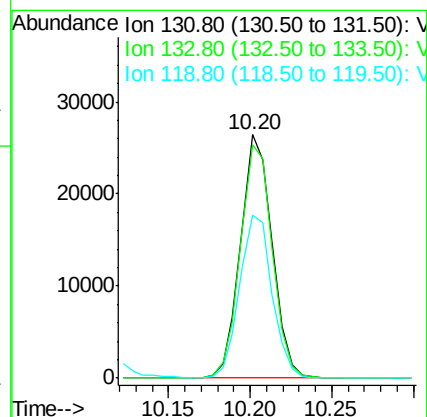
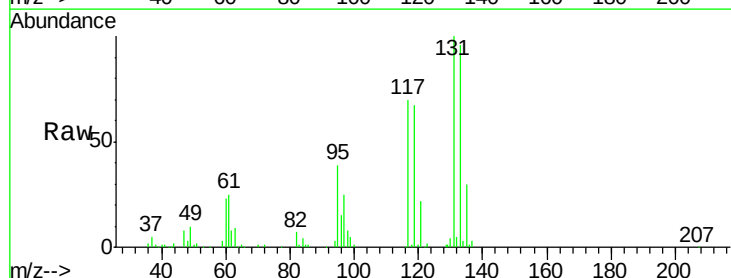
Tgt Ion:131 Resp: 35710

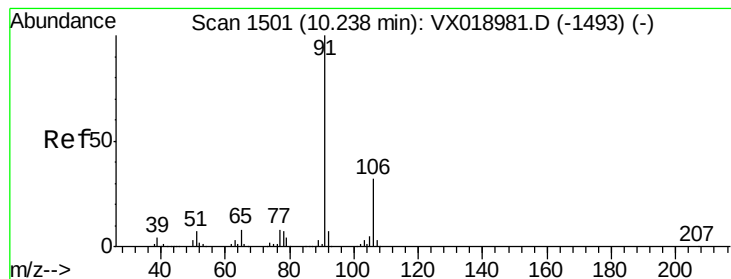
Ion Ratio Lower Upper

131 100

133 97.2 48.0 144.2

119 68.8 33.6 100.6





#67

Ethyl Benzene

Concen: 18.941 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

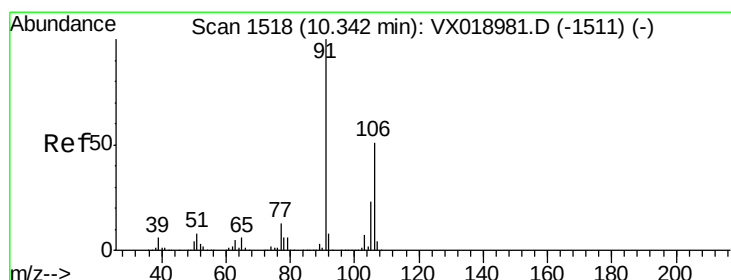
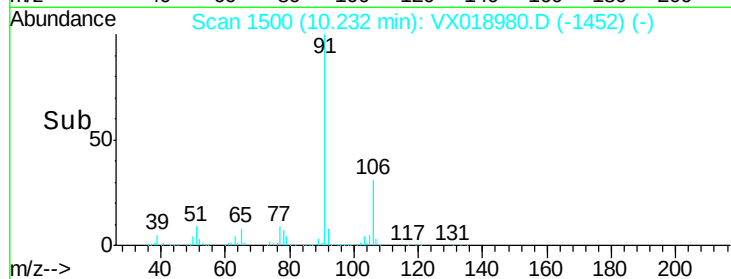
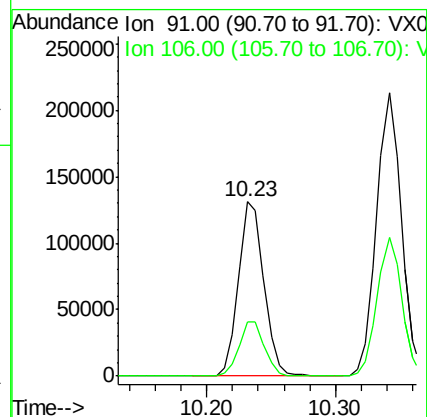
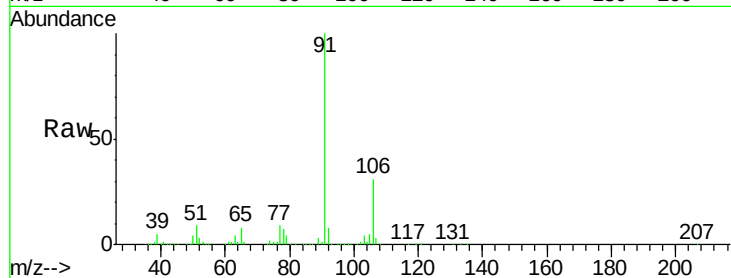
VSTDIC020

Tot Ion: 91 Resp: 181308

Ion Ratio Lower Upper

91 100

106 31.1 25.8 38.8



#68

m/p-Xylenes

Concen: 37.178 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018980.D

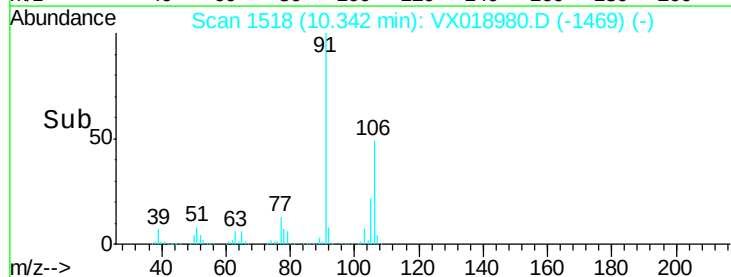
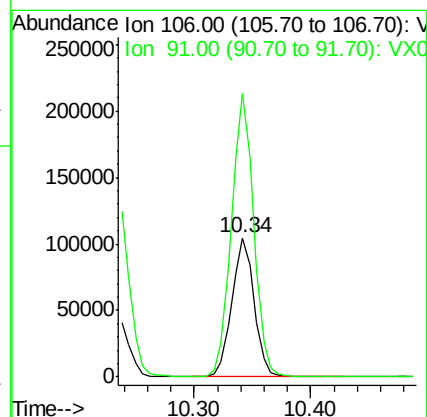
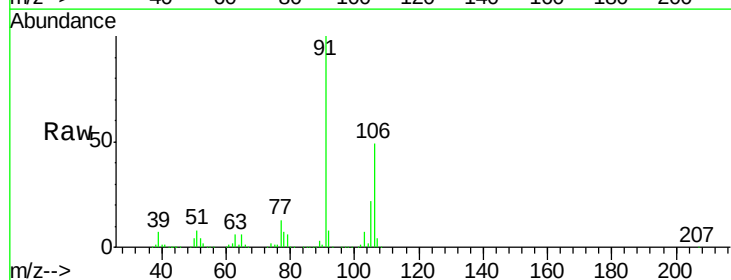
Acq: 20 Oct 2020 17:19

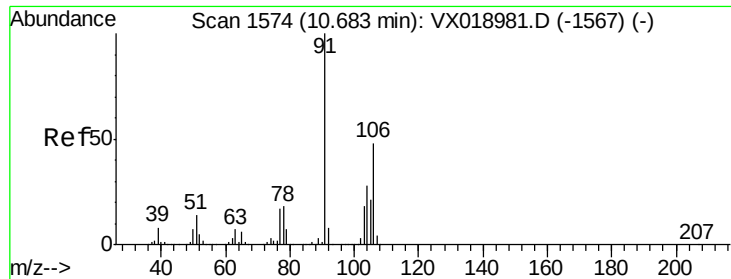
Tgt Ion: 106 Resp: 138945

Ion Ratio Lower Upper

106 100

91 203.8 157.9 236.9

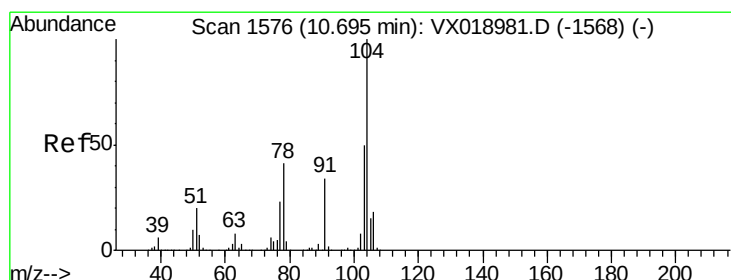
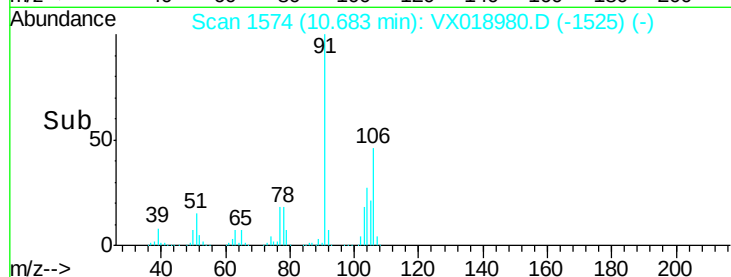
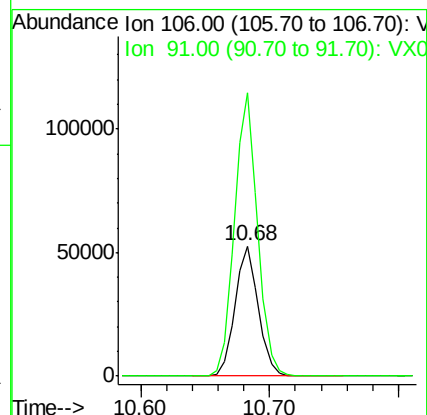
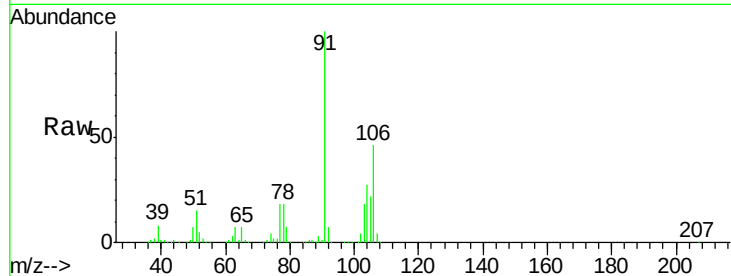




#69
o-Xylene
Concen: 18.803 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018980.D
Acq: 20 Oct 2020 17:19

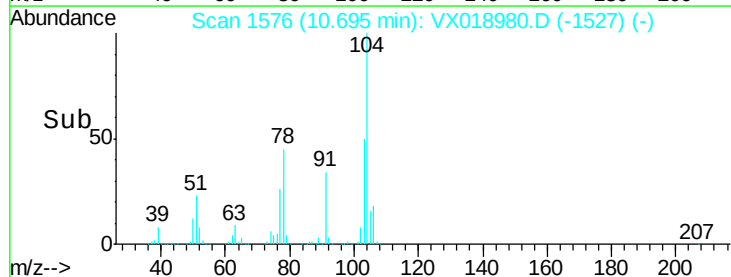
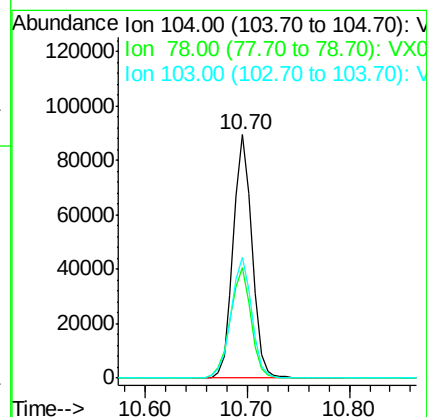
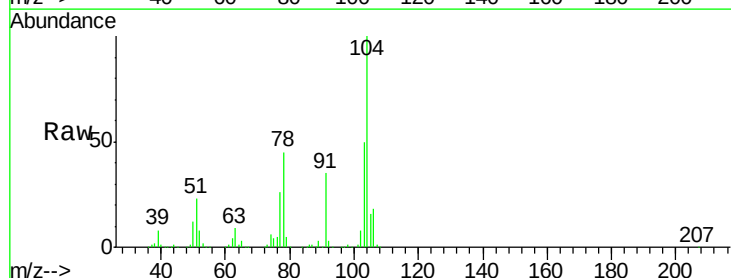
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

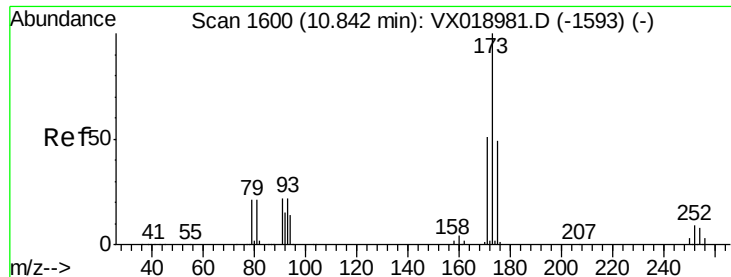
Tot Ion:106 Resp: 66489
Ion Ratio Lower Upper
106 100
91 216.5 105.5 316.5



#70
Styrene
Concen: 18.867 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018980.D
Acq: 20 Oct 2020 17:19

Tgt Ion:104 Resp: 113907
Ion Ratio Lower Upper
104 100
78 49.9 37.4 56.0
103 54.5 43.7 65.5





#71

Bromoform

Concen: 17.319 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

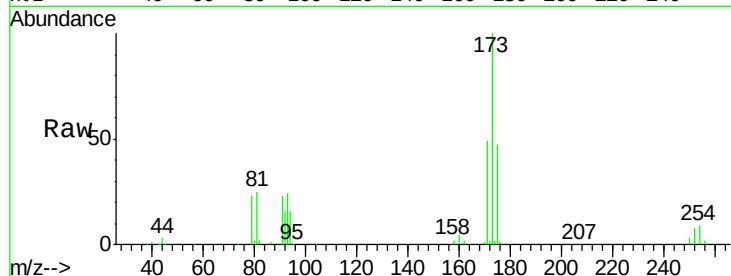
Tot Ion:173 Resp: 27780

Ion Ratio Lower Upper

173 100

175 49.1 24.8 74.4

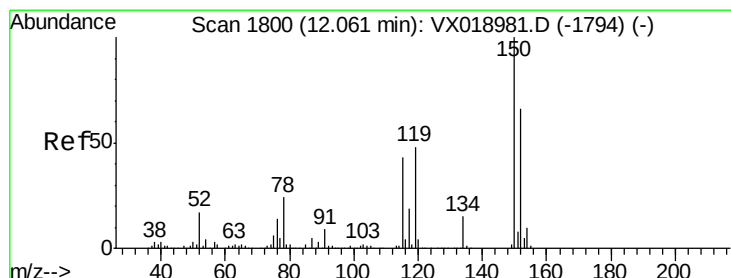
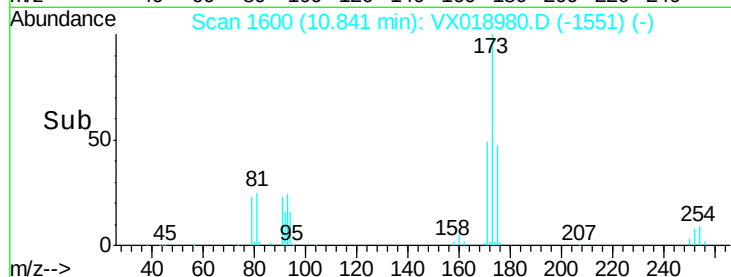
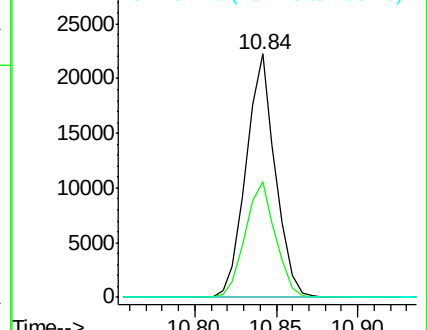
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

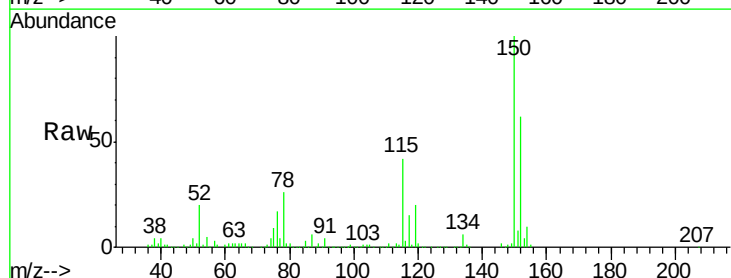
Tgt Ion:152 Resp: 129400

Ion Ratio Lower Upper

152 100

115 74.0 41.2 123.6

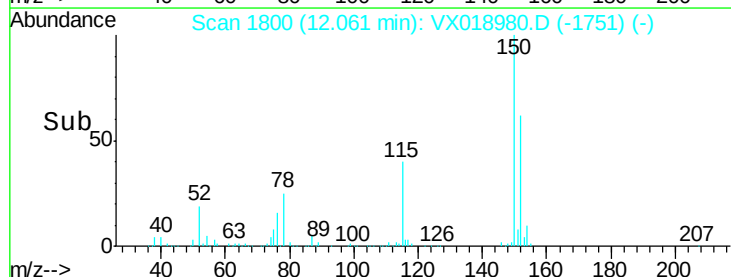
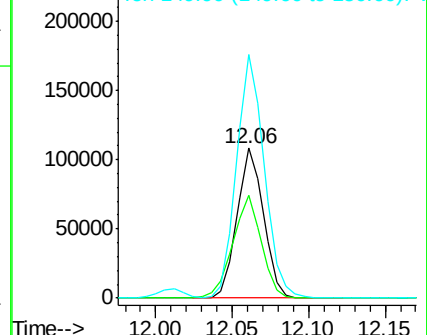
150 170.7 0.0 345.6

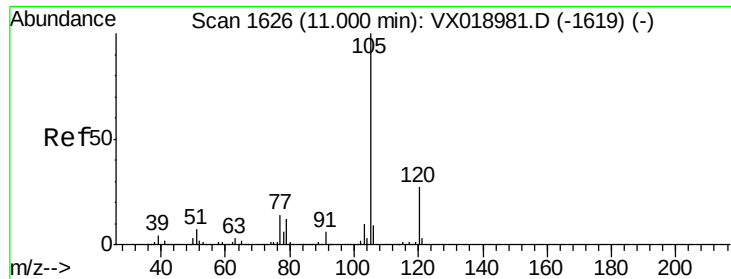


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.956 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

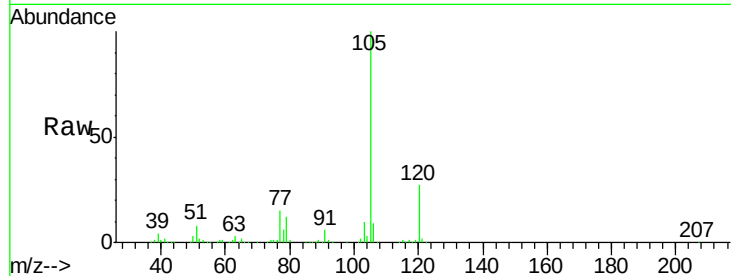
VSTDIC020

Tot Ion:105 Resp: 181013

Ion Ratio Lower Upper

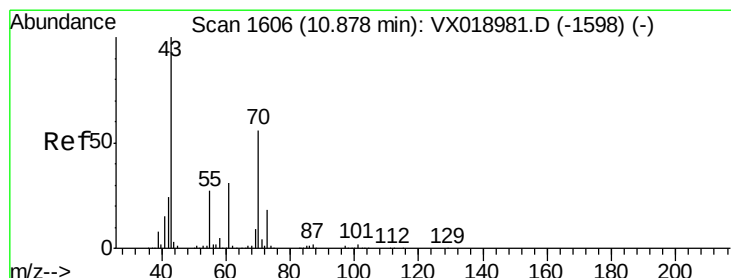
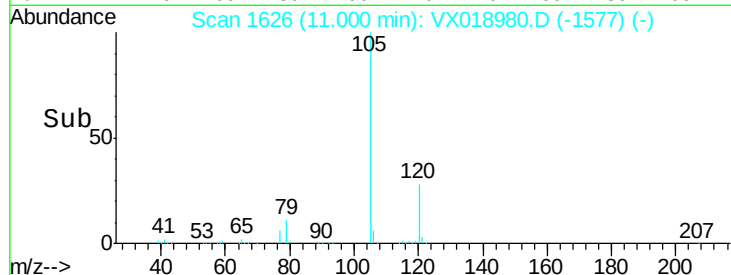
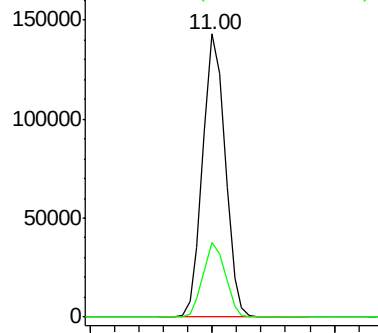
105 100

120 26.2 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-amyl acetate

Concen: 19.087 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Tgt Ion: 43 Resp: 59672

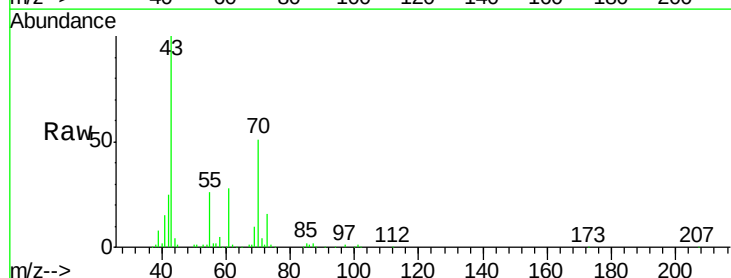
Ion Ratio Lower Upper

43 100

70 53.7 45.9 68.9

55 27.3 21.9 32.9

61 28.5 24.6 37.0

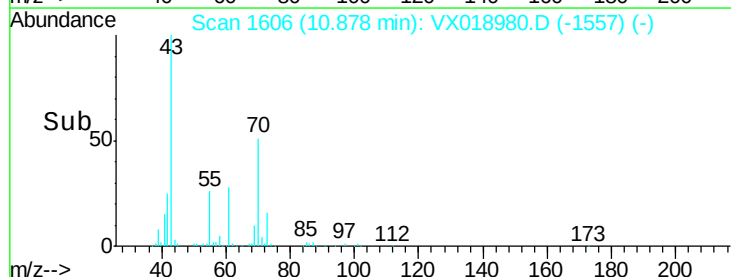
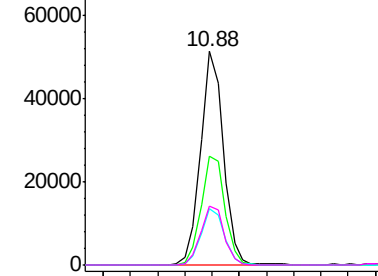


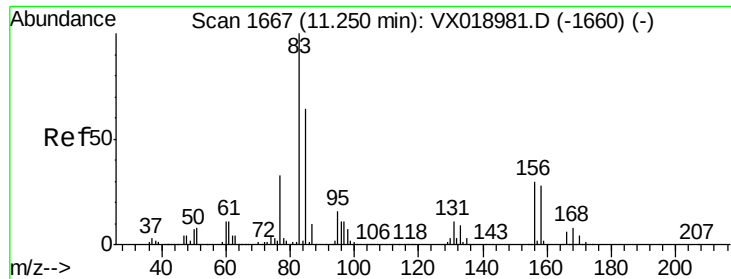
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.497 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

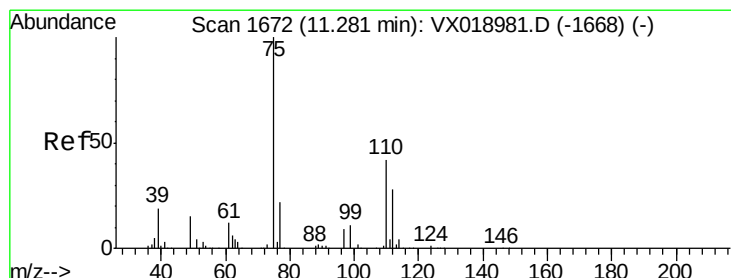
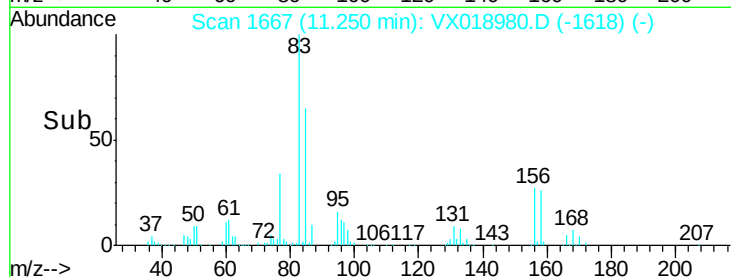
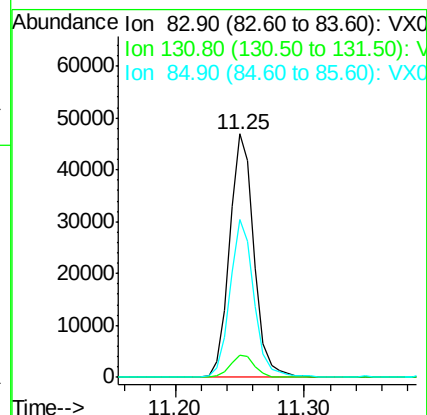
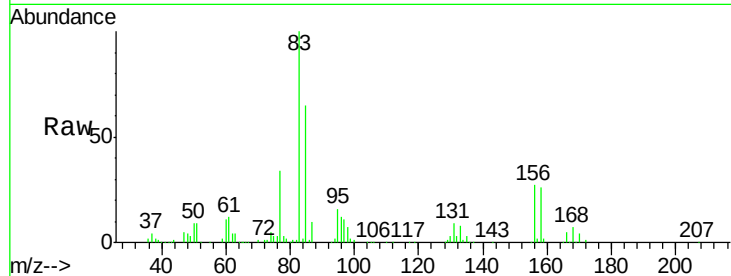
Tot Ion: 83 Resp: 62437

Ion Ratio Lower Upper

83 100

131 9.4 5.4 16.2

85 64.0 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 21.523 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018980.D

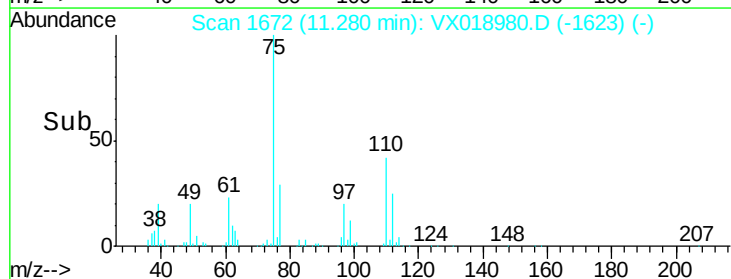
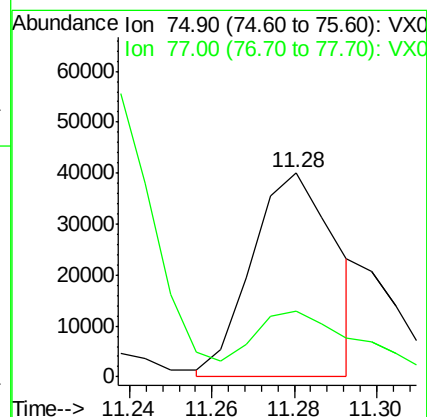
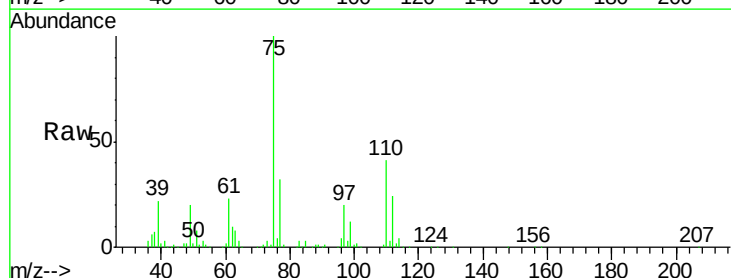
Acq: 20 Oct 2020 17:19

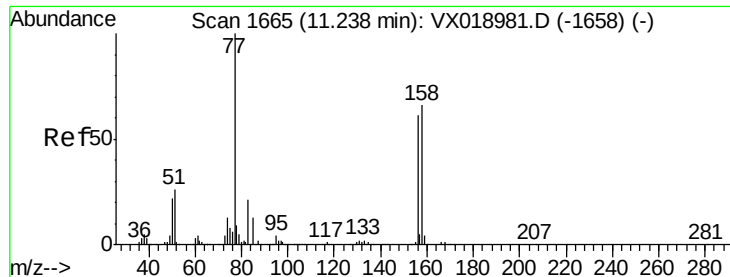
Tgt Ion: 75 Resp: 56567

Ion Ratio Lower Upper

75 100

77 40.8 20.6 61.9





#77

Bromobenzene

Concen: 18.692 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

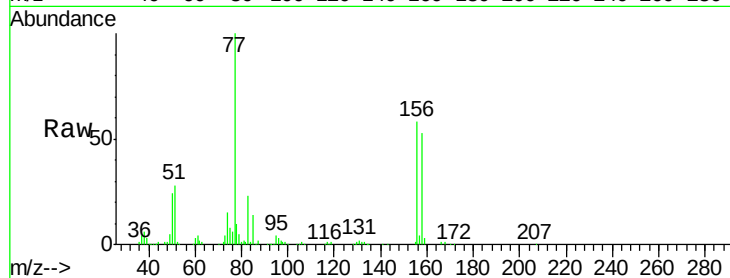
Tot Ion:156 Resp: 42147

Ion Ratio Lower Upper

156 100

77 167.4 78.5 235.3

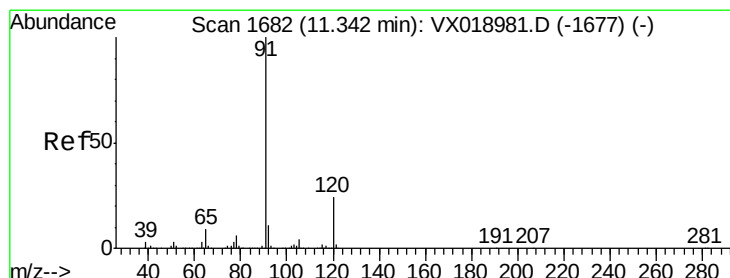
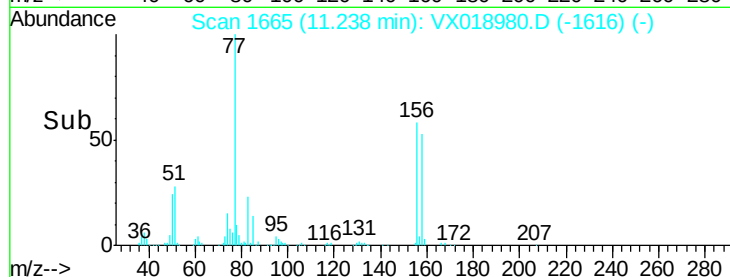
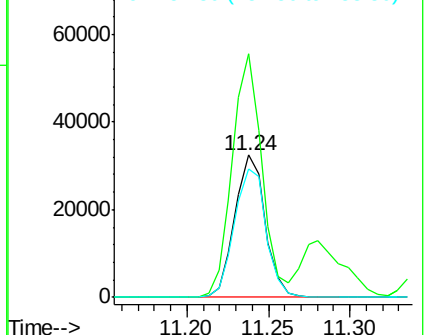
158 94.4 50.2 150.6



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: 19.846 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX018980.D

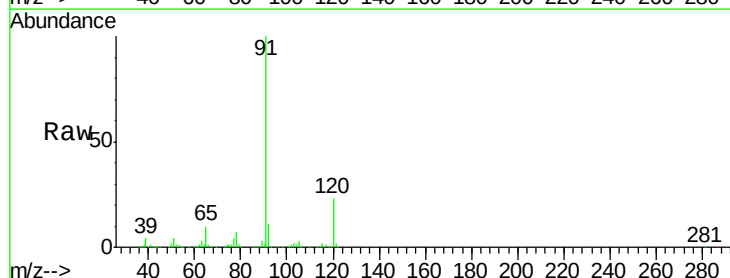
Acq: 20 Oct 2020 17:19

Tgt Ion: 91 Resp: 207185

Ion Ratio Lower Upper

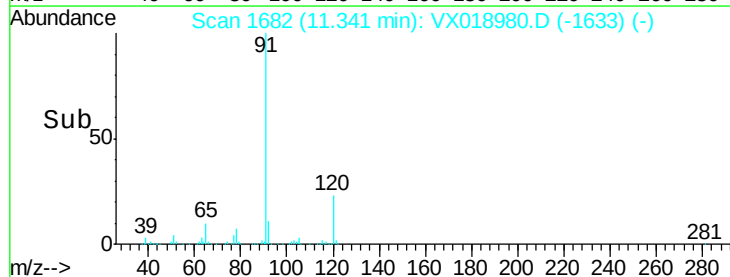
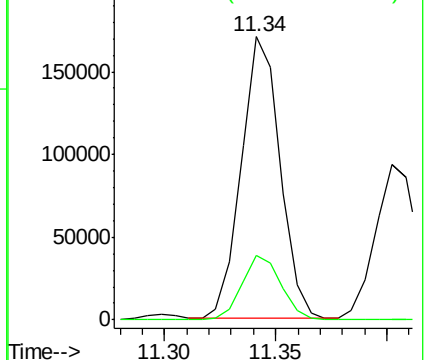
91 100

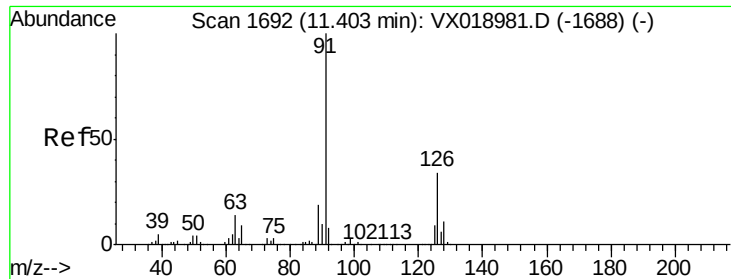
120 23.0 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

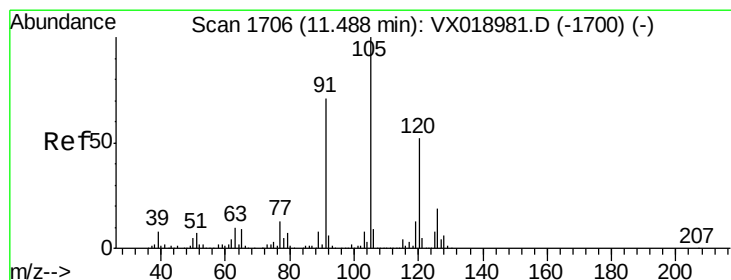
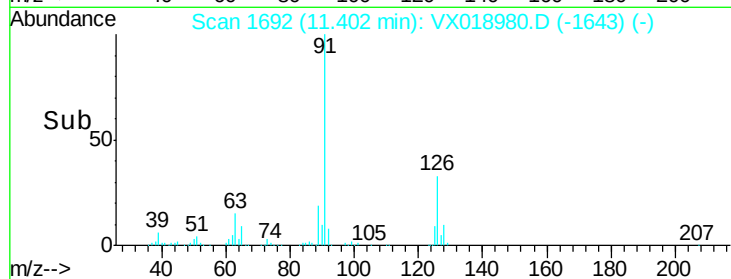
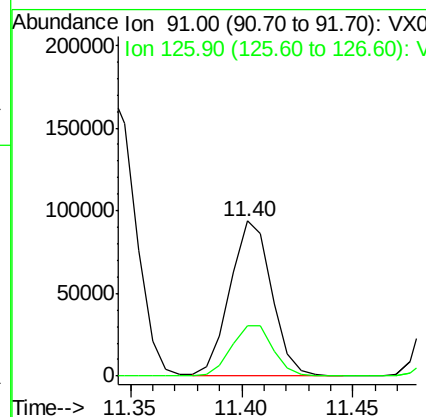
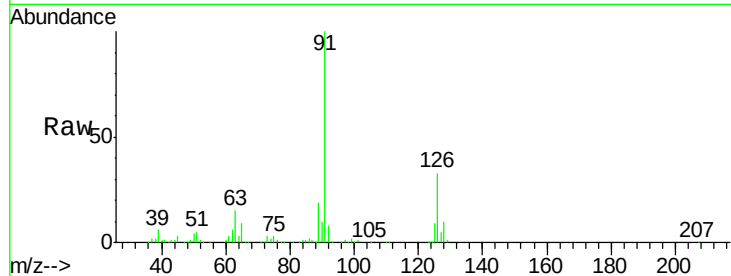




#79
 2-Chlorotoluene
 Concen: 19.877 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX018980.D
 Acq: 20 Oct 2020 17:19

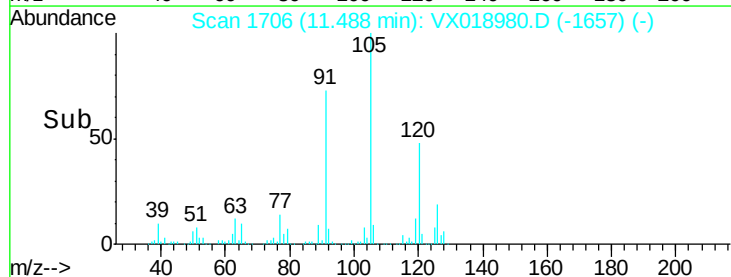
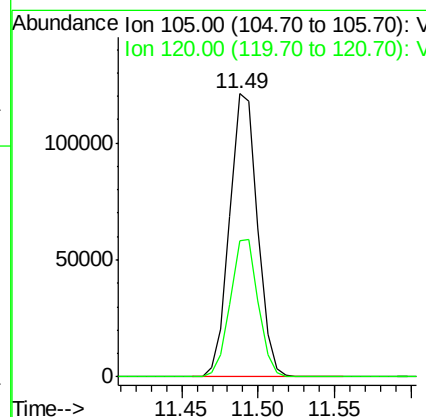
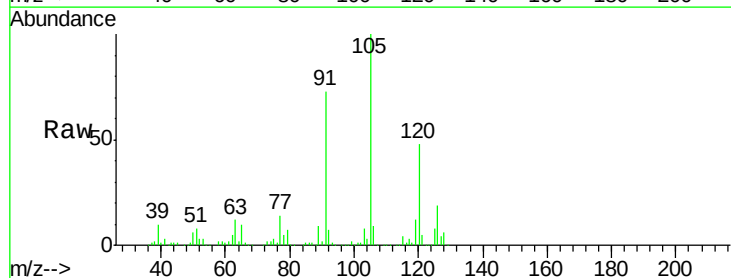
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

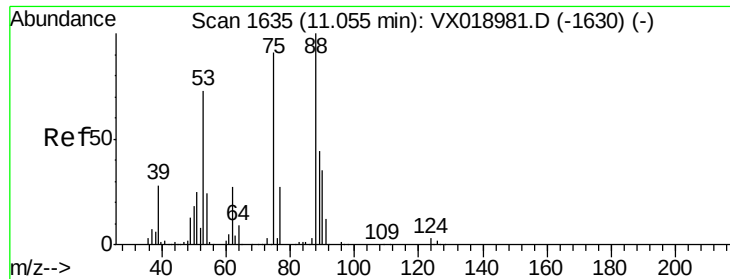
Tot Ion: 91 Resp: 121379
 Ion Ratio Lower Upper
 91 100
 126 33.7 18.0 54.0



#80
 1,3,5-Trimethylbenzene
 Concen: 19.904 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX018980.D
 Acq: 20 Oct 2020 17:19

Tgt Ion: 105 Resp: 153235
 Ion Ratio Lower Upper
 105 100
 120 48.7 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.625 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX018980.D

Acq: 20 Oct 2020 17:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

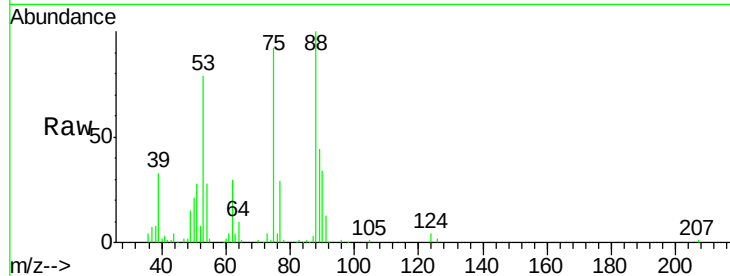
Tot Ion: 75 Resp: 19687

Ion Ratio Lower Upper

75 100

53 85.2 63.9 95.9

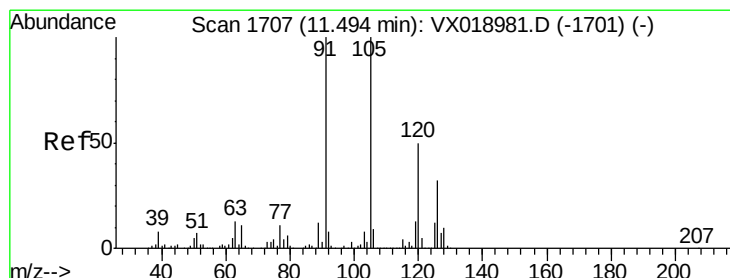
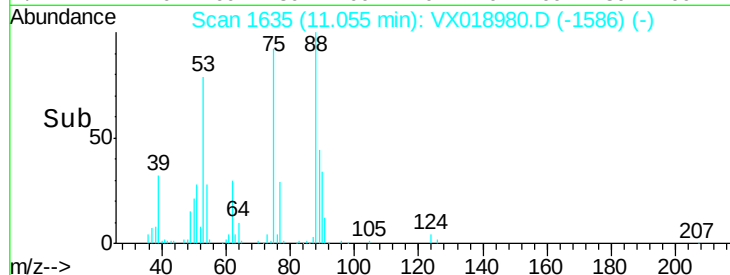
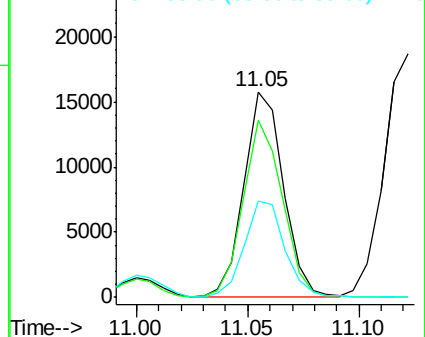
89 48.0 39.9 59.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.351 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018980.D

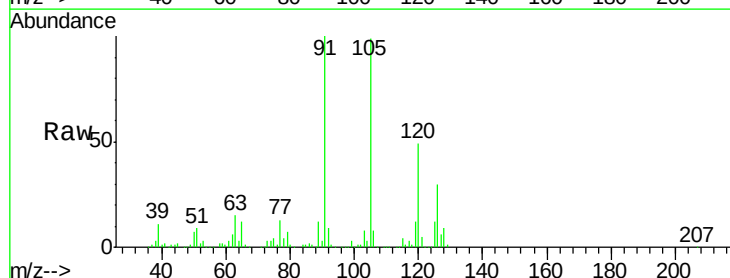
Acq: 20 Oct 2020 17:19

Tgt Ion: 91 Resp: 148877

Ion Ratio Lower Upper

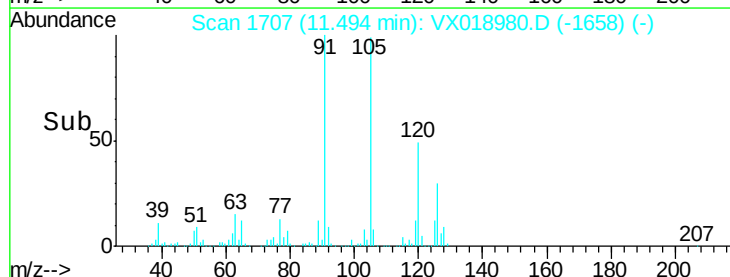
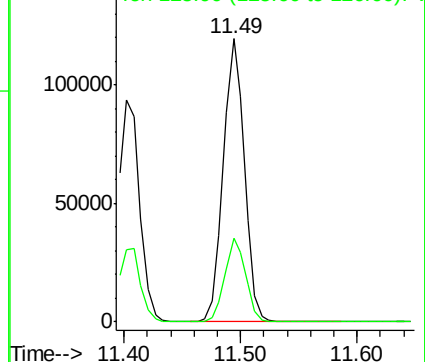
91 100

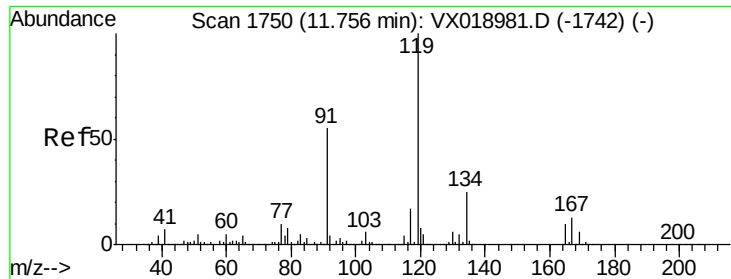
126 29.5 15.9 47.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

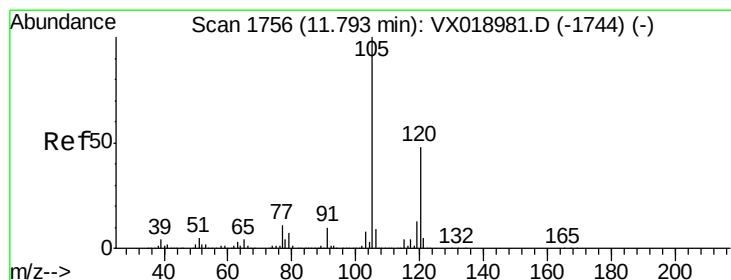
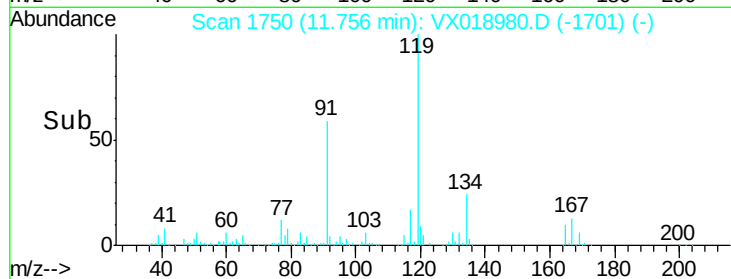
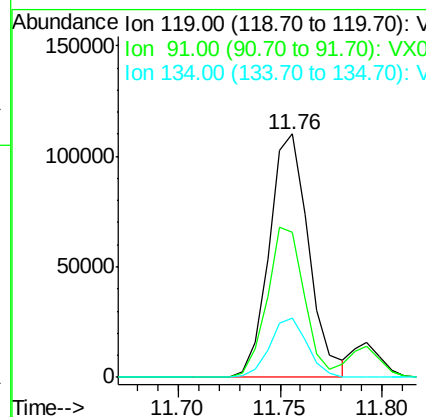
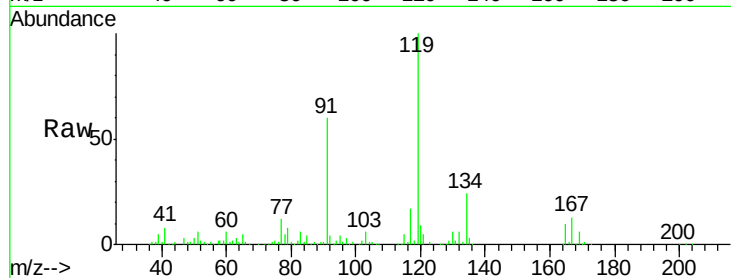




#83
 tert-Butylbenzene
 Concen: 19.753 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX018980.D
 Acq: 20 Oct 2020 17:19

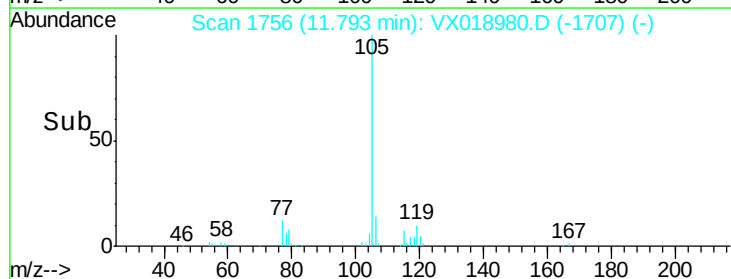
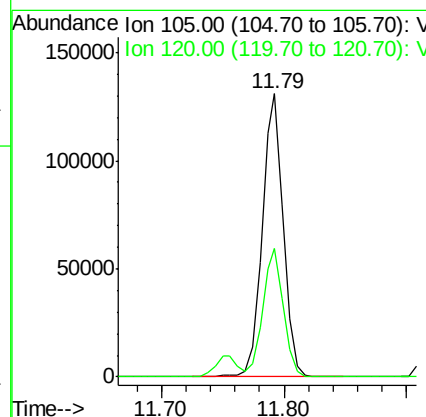
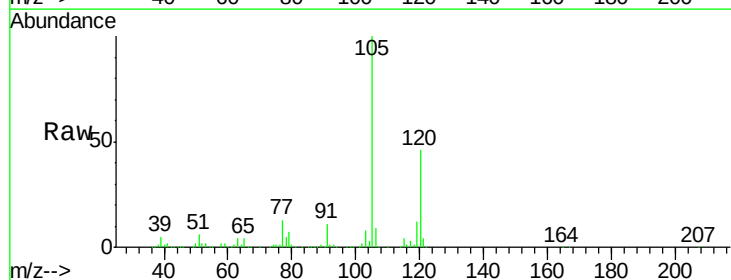
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

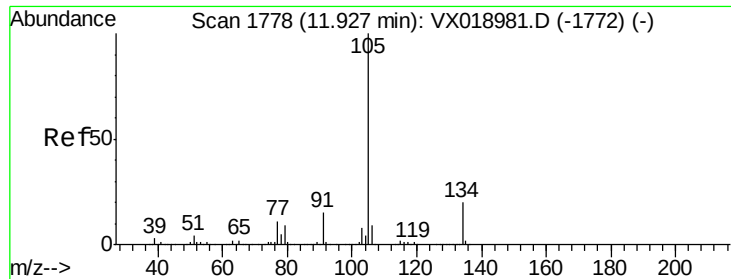
Tot Ion:119 Resp: 148832
 Ion Ratio Lower Upper
 119 100
 91 57.9 27.5 82.4
 134 22.9 11.9 35.7



#84
 1,2,4-Trimethylbenzene
 Concen: 20.300 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018980.D
 Acq: 20 Oct 2020 17:19

Tgt Ion:105 Resp: 157031
 Ion Ratio Lower Upper
 105 100
 120 44.6 23.3 69.8

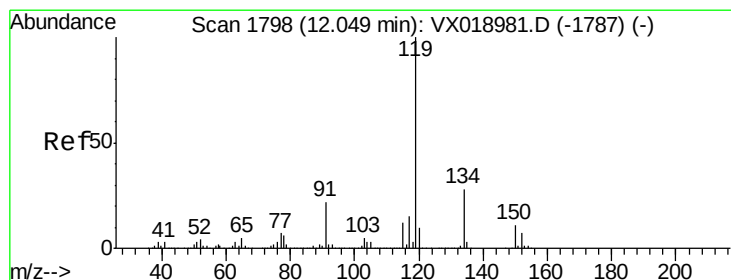
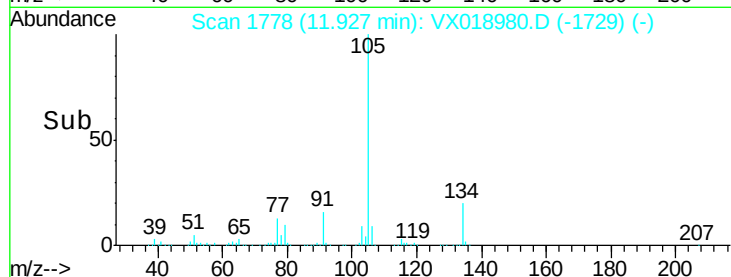
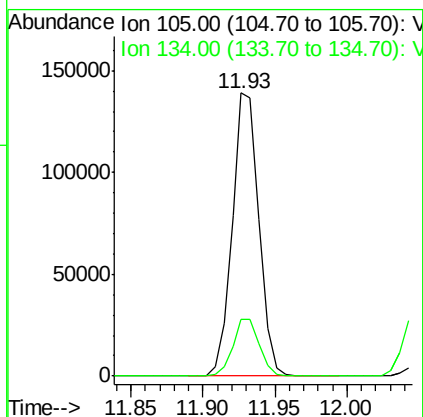
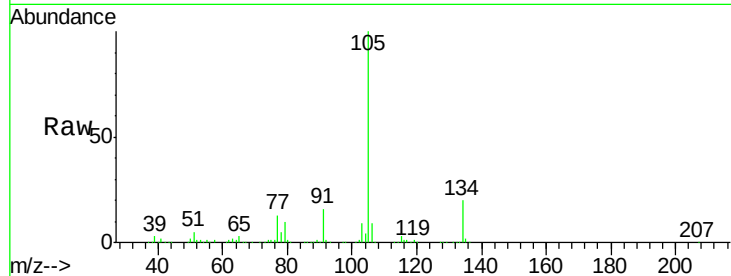




#85
 sec-Butylbenzene
 Concen: 19.891 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX018980.D
 Acq: 20 Oct 2020 17:19

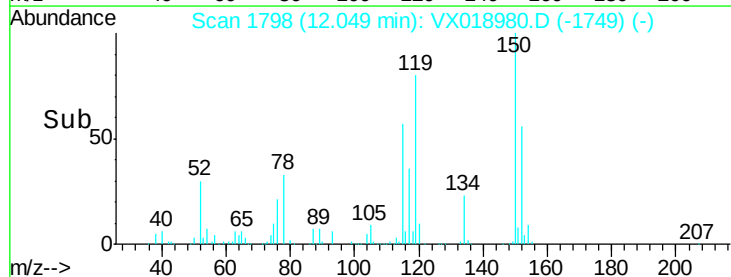
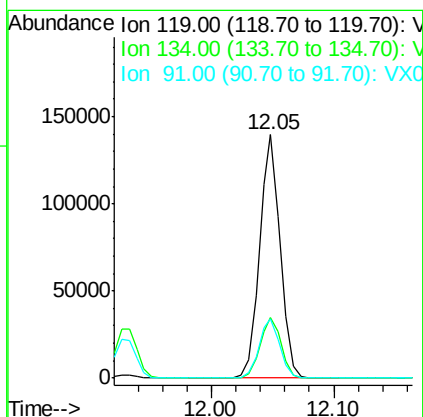
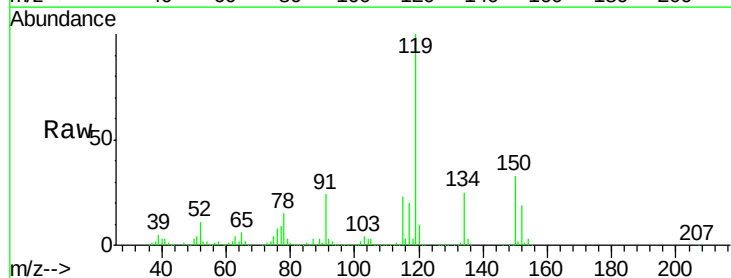
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

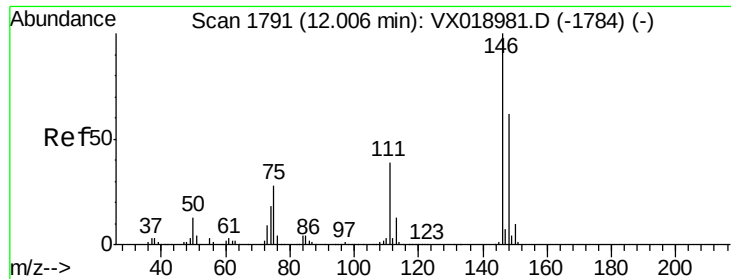
Tot Ion:105 Resp: 179755
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 19.664 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018980.D
 Acq: 20 Oct 2020 17:19

Tgt Ion:119 Resp: 163984
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.5 40.5
 91 24.9 11.0 33.0

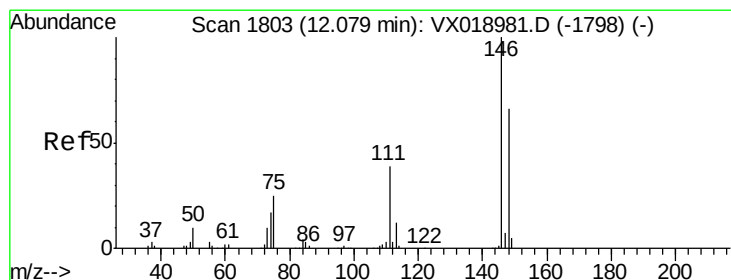
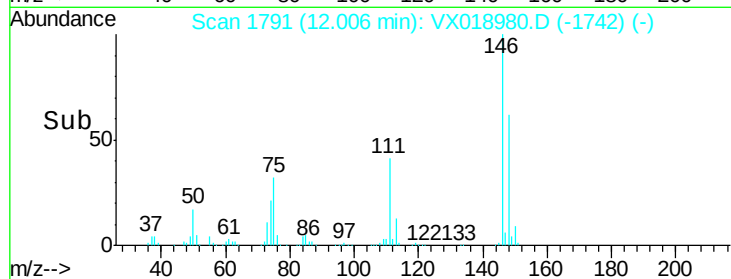
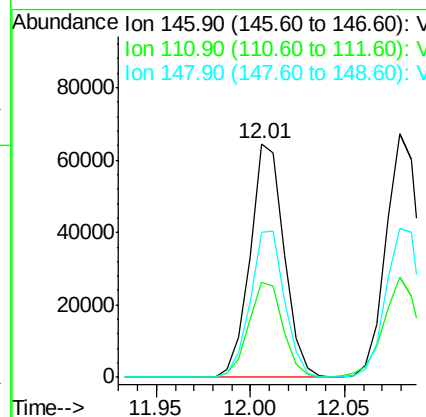
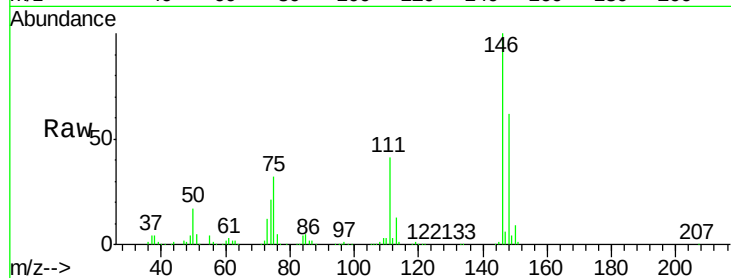




#87
 1,3-Dichlorobenzene
 Concen: 19.253 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX018980.D
 Acq: 20 Oct 2020 17:19

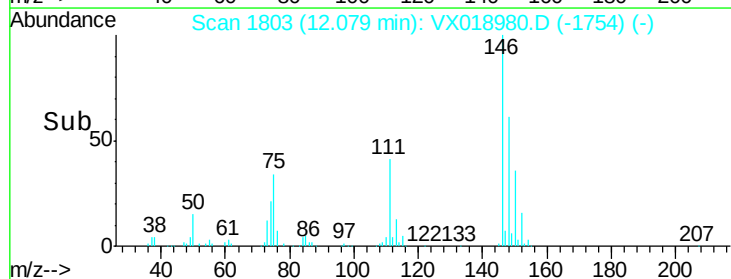
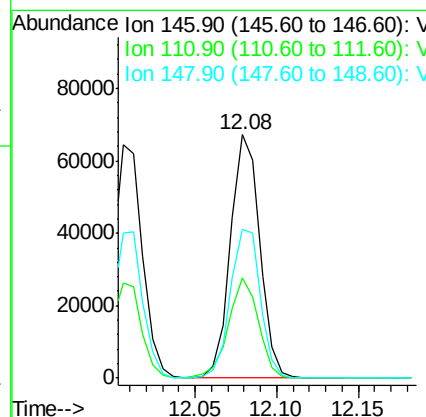
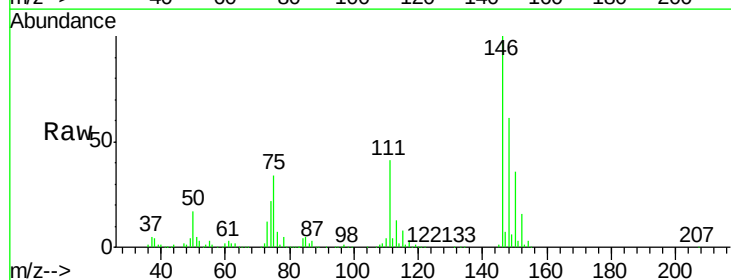
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

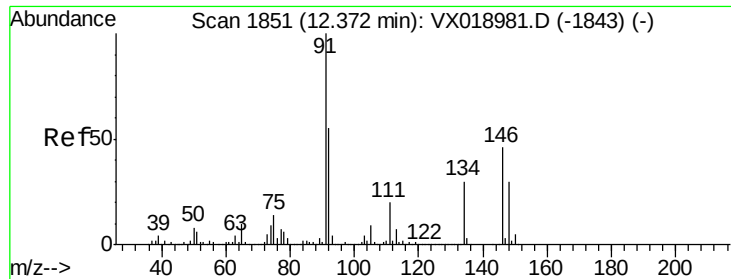
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	19.8	59.4
148	63.0	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 19.354 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018980.D
 Acq: 20 Oct 2020 17:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.5	19.3	57.9
148	63.5	32.6	98.0

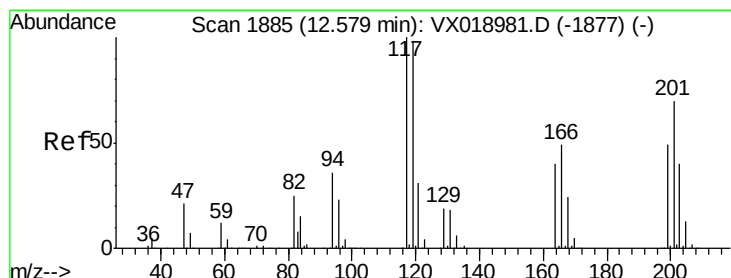
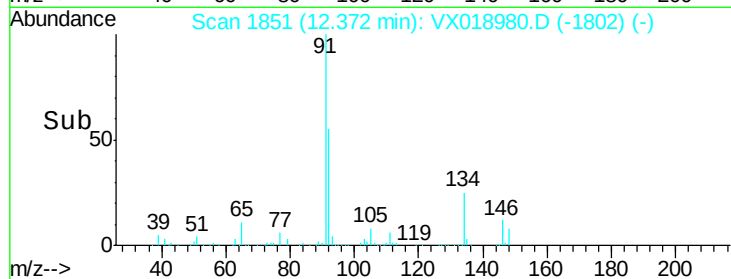
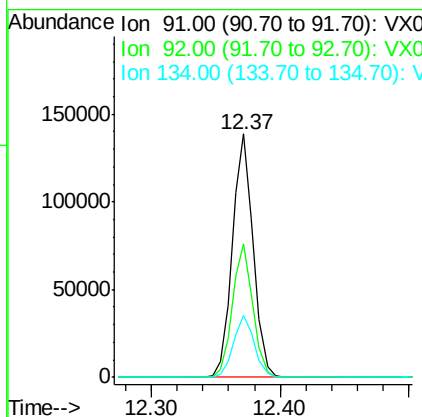
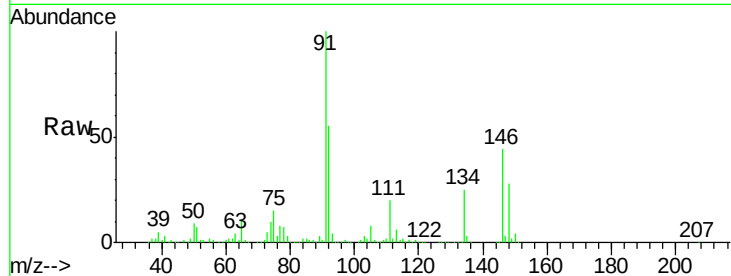




#89
n-Butylbenzene
Concen: 20.509 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018980.D
Acq: 20 Oct 2020 17:19

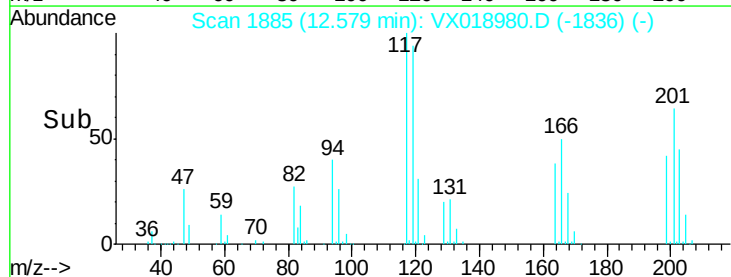
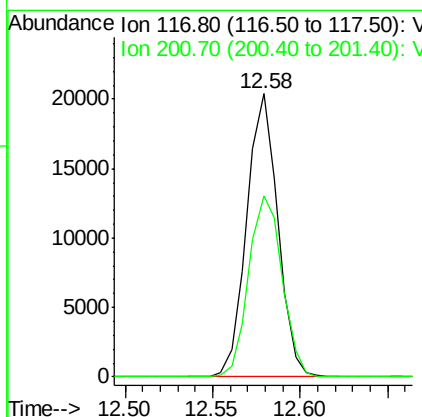
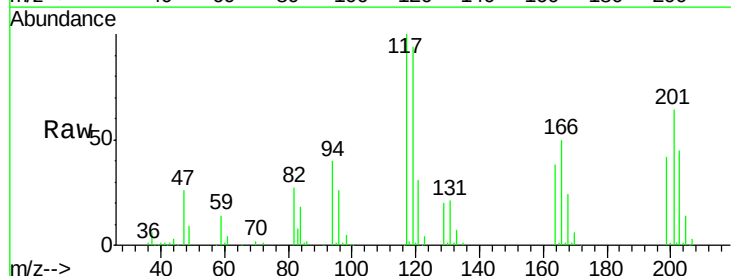
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

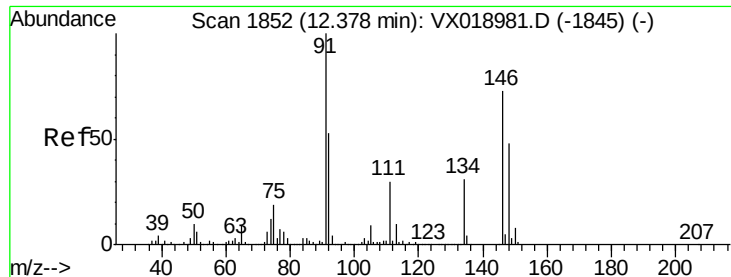
Tot Ion: 91 Resp: 156102
Ion Ratio Lower Upper
91 100
92 54.1 27.2 81.6
134 25.3 14.2 42.8



#90
Hexachloroethane
Concen: 18.902 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018980.D
Acq: 20 Oct 2020 17:19

Tgt Ion: 117 Resp: 25208
Ion Ratio Lower Upper
117 100
201 68.7 36.1 108.5

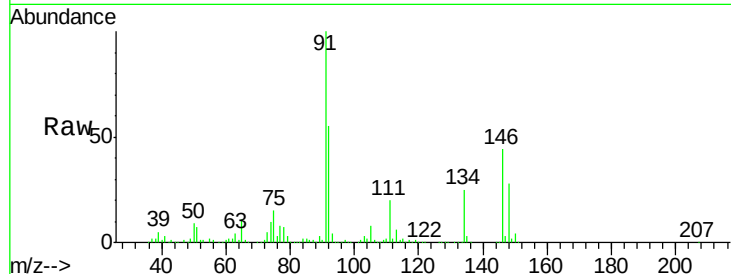




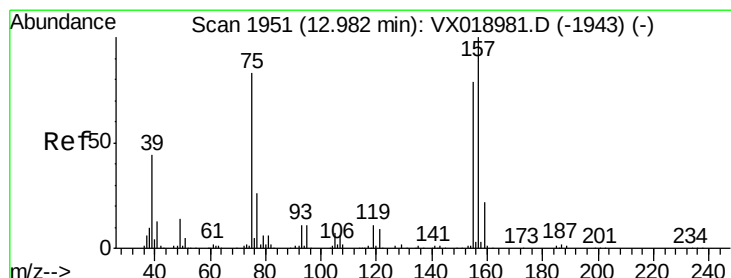
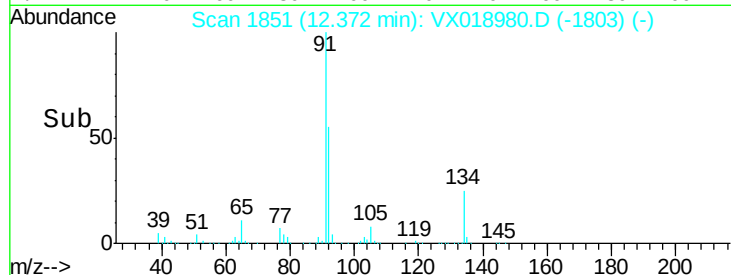
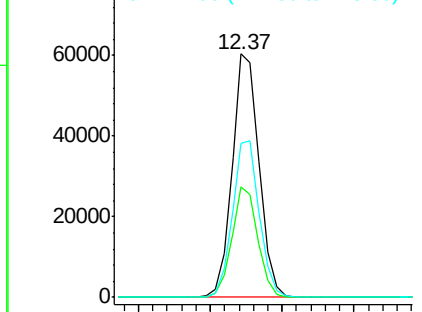
#91
 1,2-Dichlorobenzene
 Concen: 19.407 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX018980.D
 Acq: 20 Oct 2020 17:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion:146 Resp: 78626
 Ion Ratio Lower Upper
 146 100
 111 43.8 20.8 62.5
 148 64.5 32.5 97.4

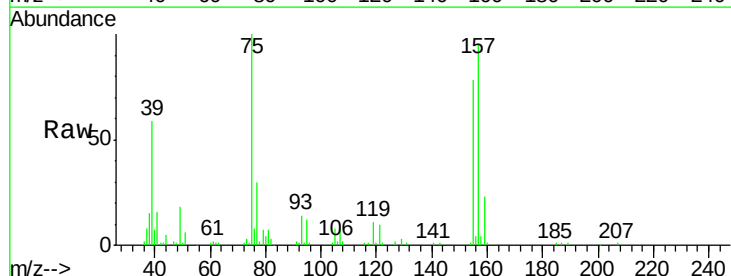


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

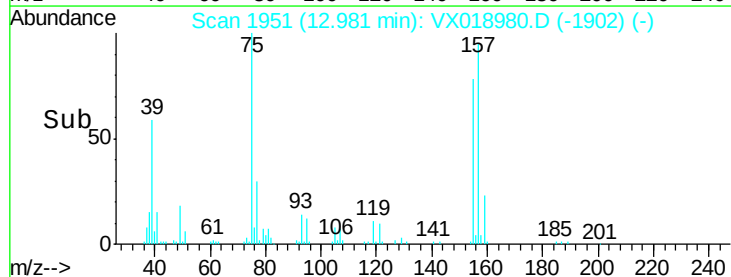
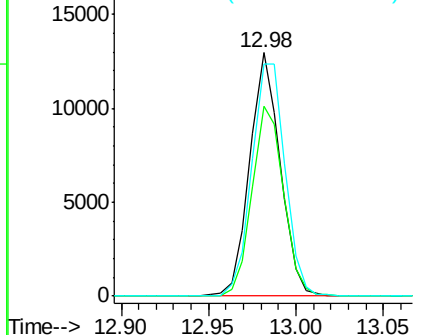


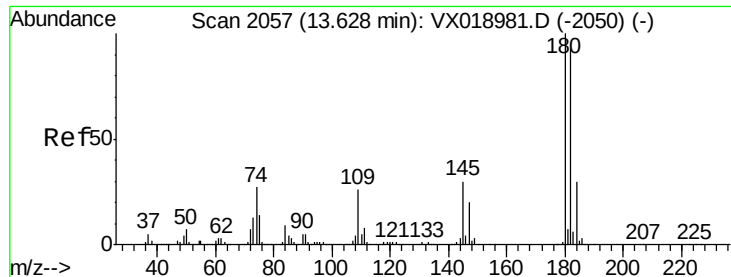
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.468 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018980.D
 Acq: 20 Oct 2020 17:19

Tgt Ion: 75 Resp: 15668
 Ion Ratio Lower Upper
 75 100
 155 80.7 47.6 142.9
 157 104.7 62.7 188.1



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

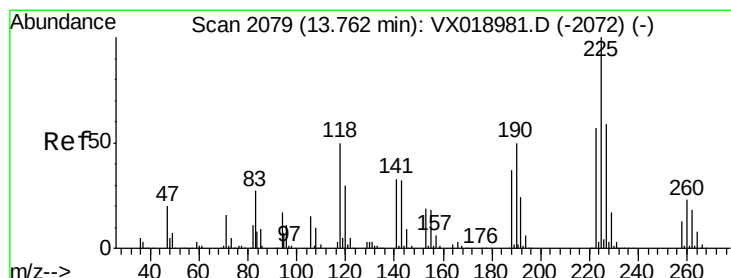
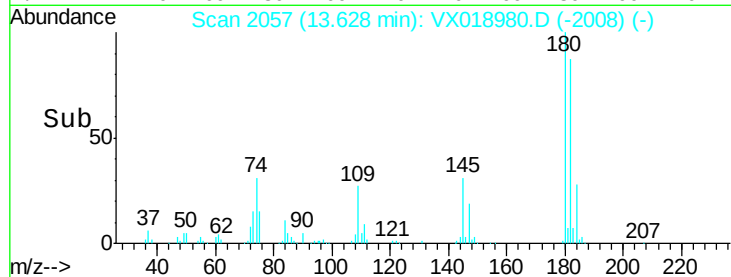
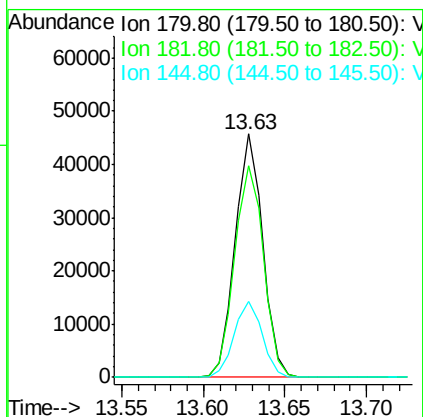
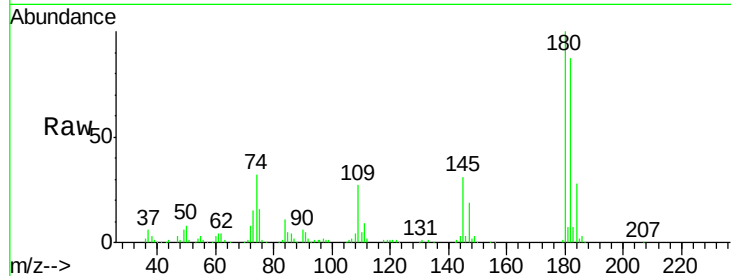




#93
 1,2,4-Trichlorobenzene
 Concen: 19.396 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018980.D
 Acq: 20 Oct 2020 17:19

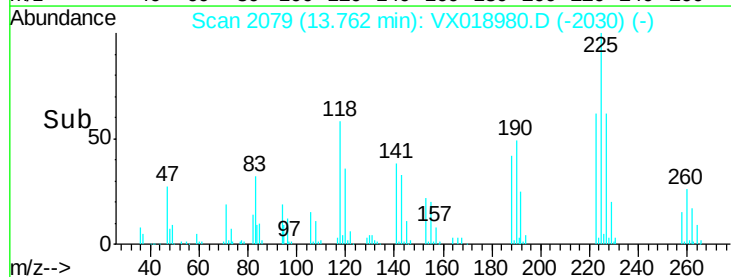
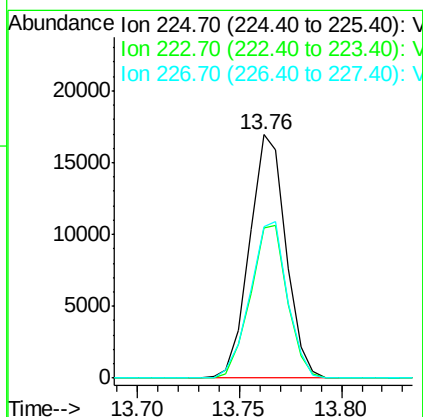
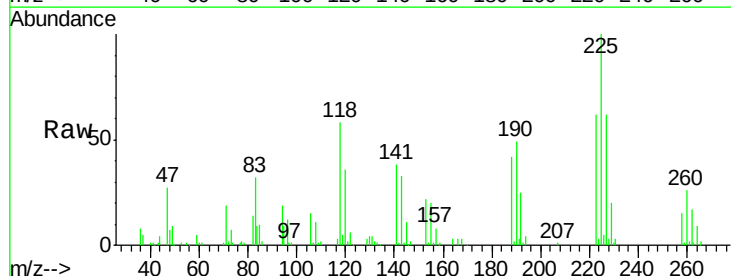
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

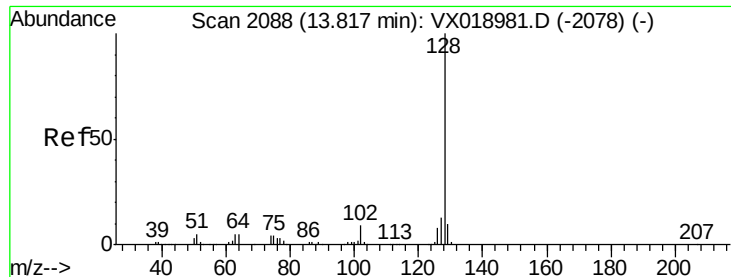
Tot Ion:180 Resp: 53867
 Ion Ratio Lower Upper
 180 100
 182 91.3 46.6 139.7
 145 31.6 15.7 47.1



#94
 Hexachlorobutadiene
 Concen: 17.783 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX018980.D
 Acq: 20 Oct 2020 17:19

Tgt Ion:225 Resp: 21037
 Ion Ratio Lower Upper
 225 100
 223 63.8 29.4 88.3
 227 65.6 30.6 92.0

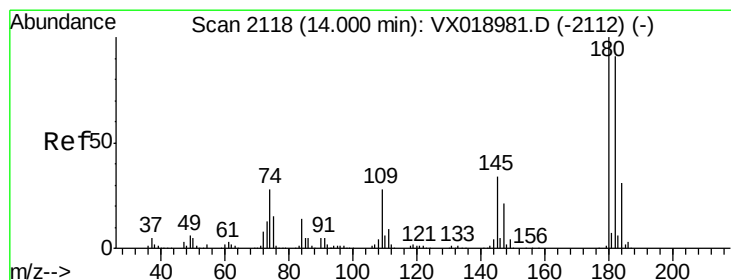
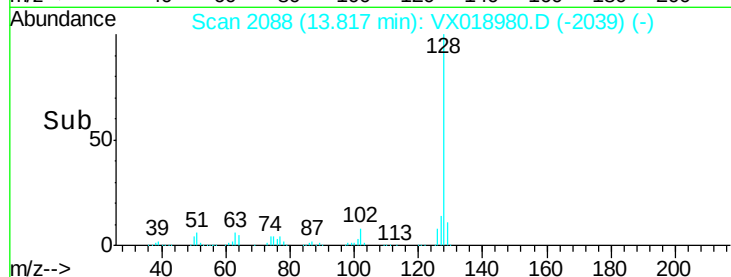
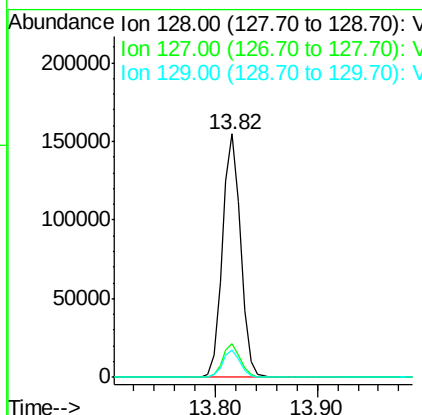
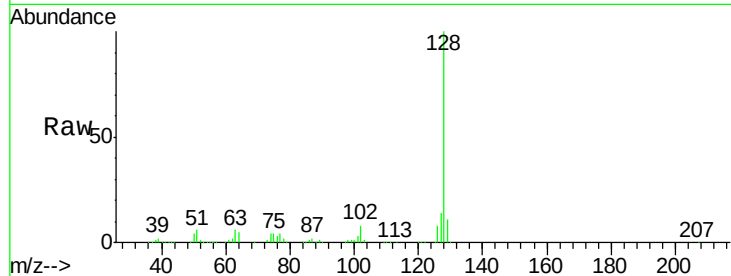




#95
Naphthalene
Concen: 20.789 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018980.D
Acq: 20 Oct 2020 17:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion:128 Resp: 192196
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 19.364 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX018980.D
Acq: 20 Oct 2020 17:19

Tgt Ion:180 Resp: 51406
Ion Ratio Lower Upper
180 100
182 96.9 47.8 143.4
145 33.9 17.0 51.0

