

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102120\
 Data File : VX019000.D
 Acq On : 21 Oct 2020 11:10
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Oct 21 12:00:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 11:52:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	302226	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	548129	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	511273	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	232102	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	72631	17.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	34.24%	
35) Dibromofluoromethane	5.46	113	58154	15.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	31.34%	
50) Toluene-d8	8.70	98	237163	17.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	34.56%	
62) 4-Bromofluorobenzene	11.12	95	81047	15.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	30.02%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	52816	18.853	ug/l	99
3) Chloromethane	1.31	50	59539	18.043	ug/l	100
4) Vinyl Chloride	1.39	62	80284	22.067	ug/l	99
5) Bromomethane	1.63	94	84885	35.782	ug/l	97
6) Chloroethane	1.72	64	59769	27.145	ug/l	99
7) Trichlorofluoromethane	1.92	101	139547	24.530	ug/l	96
8) Diethyl Ether	2.17	74	54914	26.778	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	58380	20.326	ug/l	99
10) Methyl Iodide	2.49	142	59934	19.122	ug/l	98
11) Tert butyl alcohol	3.01	59	85473	111.384	ug/l	100
12) 1,1-Dichloroethene	2.36	96	67611	23.260	ug/l	97
13) Acrolein	2.27	56	43576	91.723	ug/l	97
14) Allyl chloride	2.71	41	77235	14.285	ug/l	99
15) Acrylonitrile	3.12	53	153705	88.458	ug/l	99
16) Acetone	2.42	43	138676	86.611	ug/l	98
17) Carbon Disulfide	2.55	76	161512	18.593	ug/l	99
18) Methyl Acetate	2.75	43	63377	16.138	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	186080	18.297	ug/l	99
20) Methylene Chloride	2.84	84	66575	18.407	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	65979	19.176	ug/l	98
22) Diisopropyl ether	3.82	45	156820	15.310	ug/l	99
23) Vinyl Acetate	3.79	43	762733	83.229	ug/l	99
24) 1,1-Dichloroethane	3.67	63	113765	18.572	ug/l	100
25) 2-Butanone	4.64	43	221836	88.664	ug/l	96
26) 2,2-Dichloropropane	4.55	77	106901	18.699	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	78472	20.193	ug/l	97
28) Bromochloromethane	4.98	49	44949	15.944	ug/l	97
29) Tetrahydrofuran	5.09	42	123640	79.867	ug/l	99
30) Chloroform	5.18	83	124639	19.737	ug/l	99
31) Cyclohexane	5.55	56	88274	17.437	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	110590	18.879	ug/l	99
36) 1,1-Dichloropropene	5.77	75	92730	17.649	ug/l	99
37) Ethyl Acetate	4.79	43	84943	15.561	ug/l	99
38) Carbon Tetrachloride	5.75	117	92313	16.163	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	105117	17.838	ug/l	97
40) Benzene	6.11	78	281529	18.525	ug/l	99
41) Methacrylonitrile	5.00	41	44931	14.916	ug/l	96
42) 1,2-Dichloroethane	6.16	62	97073	16.731	ug/l	100
43) Isopropyl Acetate	6.41	43	142014	15.647	ug/l	99
44) Trichloroethene	7.19	130	74568	17.099	ug/l	88
45) 1,2-Dichloropropane	7.49	63	68609	16.720	ug/l	98
46) Dibromomethane	7.63	93	49872	17.565	ug/l	98
47) Bromodichloromethane	7.87	83	100366	17.534	ug/l	97
48) Methyl methacrylate	7.74	41	67470	15.404	ug/l	97
49) 1,4-Dioxane	7.71	88	34540	443.139	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	443926	82.007	ug/l	97
52) Toluene	8.76	92	186152	19.179	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	113410	17.331	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	118618	17.687	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	72536	18.136	ug/l	99
56) Ethyl methacrylate	9.16	69	110682	18.786	ug/l	98
57) 1,3-Dichloropropane	9.35	76	124282	18.596	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	281930	90.569	ug/l	98
59) 2-Hexanone	9.47	43	342569	83.247	ug/l	99
60) Dibromochloromethane	9.56	129	78397	16.669	ug/l	100
61) 1,2-Dibromoethane	9.65	107	78551	18.452	ug/l	100
64) Tetrachloroethene	9.32	164	64038	16.206	ug/l	94
65) Chlorobenzene	10.12	112	196648	18.642	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	69963	16.830	ug/l	98
67) Ethyl Benzene	10.23	91	351331	19.279	ug/l	95
68) m/p-Xylenes	10.34	106	265926	38.125	ug/l	95
69) o-Xylene	10.68	106	124574	18.940	ug/l	94
70) Styrene	10.70	104	212553	18.814	ug/l	97
71) Bromoform	10.84	173	51268	14.758	ug/l #	99
73) Isopropylbenzene	11.00	105	339745	21.788	ug/l	98
74) N-amyl acetate	10.88	43	118862	17.923	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	105694	20.676	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	128525	26.648	ug/l	84
77) Bromobenzene	11.24	156	77492	18.244	ug/l	91
78) n-propylbenzene	11.34	91	386382	21.389	ug/l	96
79) 2-Chlorotoluene	11.40	91	225564	20.688	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	278992	21.037	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.05	75	38032	20.275	ug/l	96
82) 4-Chlorotoluene	11.49	91	262153	20.221	ug/l	95
83) tert-Butylbenzene	11.76	119	269330	20.782	ug/l	95
84) 1,2,4-Trimethylbenzene	11.79	105	277165	20.820	ug/l	96
85) sec-Butylbenzene	11.93	105	328383	21.559	ug/l	97
86) p-Isopropyltoluene	12.05	119	294352	21.019	ug/l	97
87) 1,3-Dichlorobenzene	12.01	146	141516	18.467	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	141358	18.149	ug/l	96
89) n-Butylbenzene	12.37	91	273435	21.160	ug/l	98
90) Hexachloroethane	12.58	117	45719	16.802	ug/l	90
91) 1,2-Dichlorobenzene	12.37	146	135902	18.830	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	24784	20.232	ug/l	84

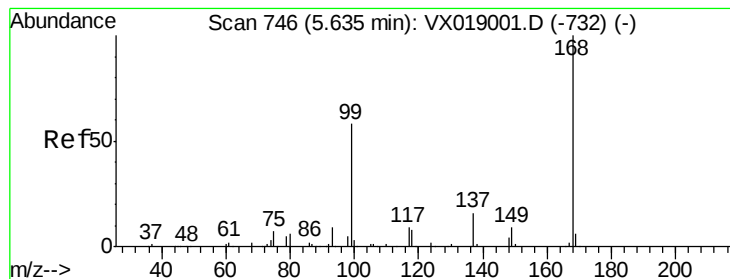
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102120\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	85779	17.205	ug/l	96
94) Hexachlorobutadiene	13.77	225	38814	18.713	ug/l	97
95) Naphthalene	13.82	128	318189	20.952	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	86095	18.166	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX019000.D

Acq: 21 Oct 2020 11:10

Instrument :

MSVOA_N

ClientSampleId :

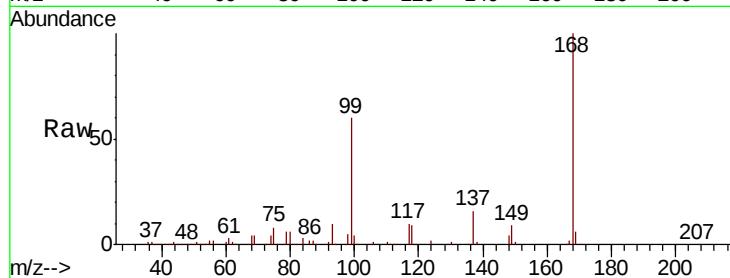
VSTDIC020

Tot Ion:168 Resp: 302226

Ion Ratio Lower Upper

168 100

99 59.6 46.6 70.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

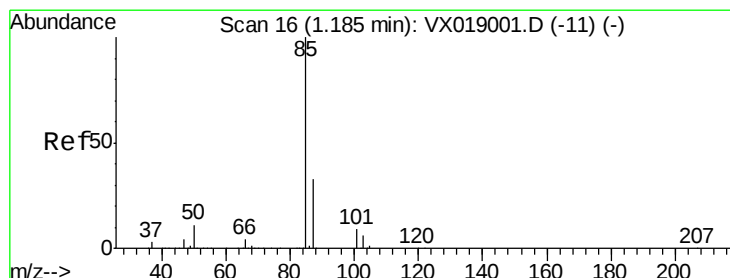
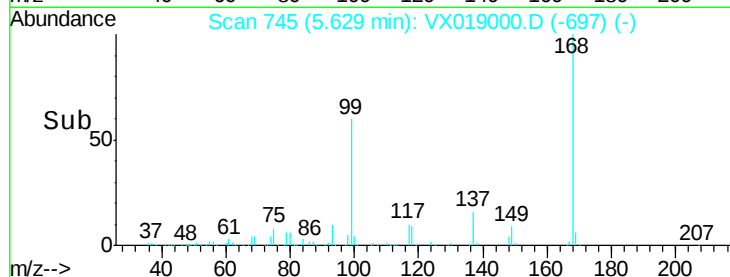
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.853 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019000.D

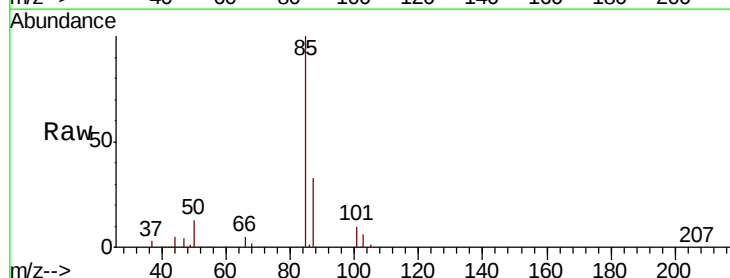
Acq: 21 Oct 2020 11:10

Tgt Ion: 85 Resp: 52816

Ion Ratio Lower Upper

85 100

87 33.3 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

60000

50000

40000

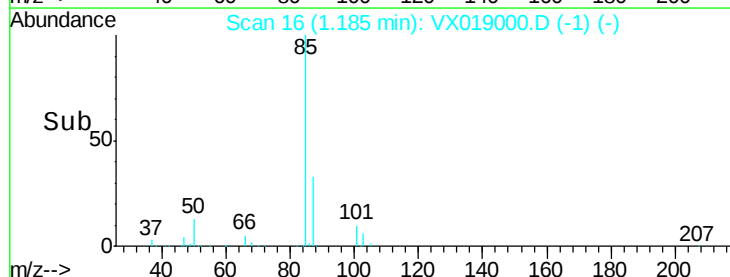
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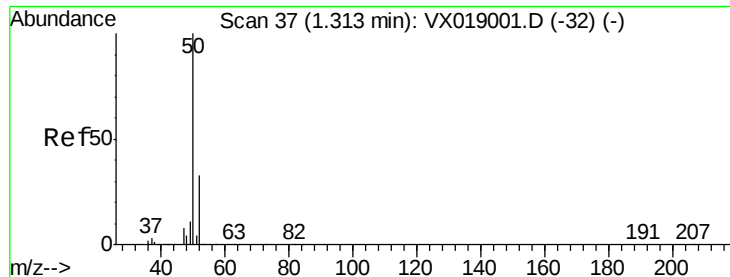
20000

10000

0

Time-->





#3

Chloromethane

Concen: 18.043 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019000.D

Acq: 21 Oct 2020 11:10

Instrument :

MSVOA_N

ClientSampleId :

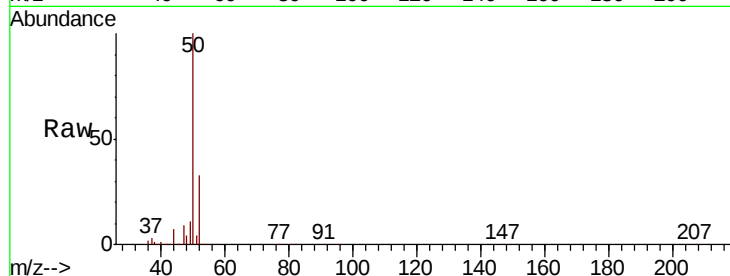
VSTDIC020

Tot Ion: 50 Resp: 59539

Ion Ratio Lower Upper

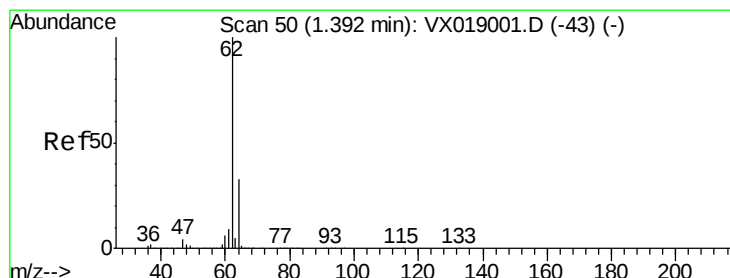
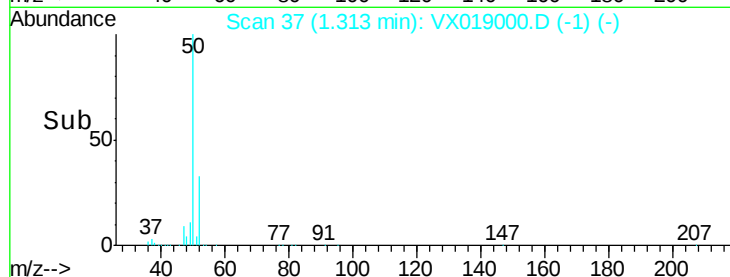
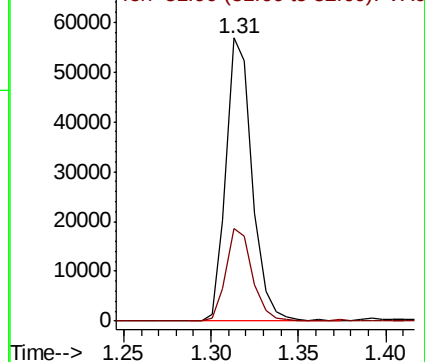
50 100

52 32.9 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 22.067 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019000.D

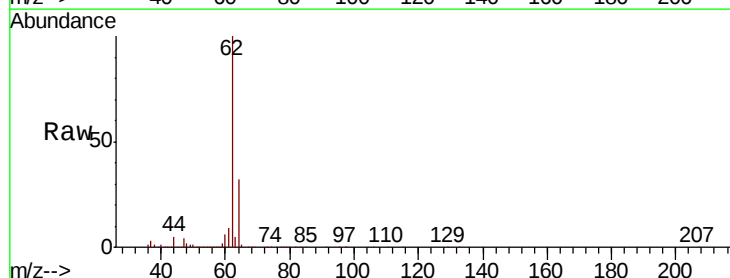
Acq: 21 Oct 2020 11:10

Tgt Ion: 62 Resp: 80284

Ion Ratio Lower Upper

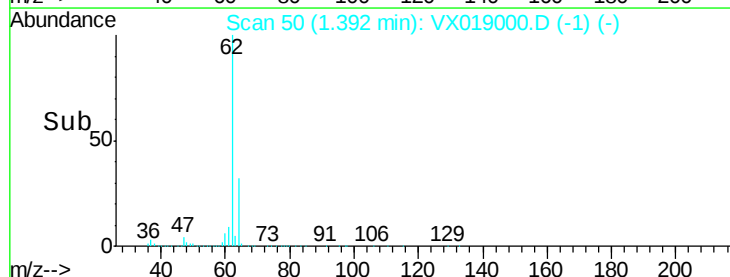
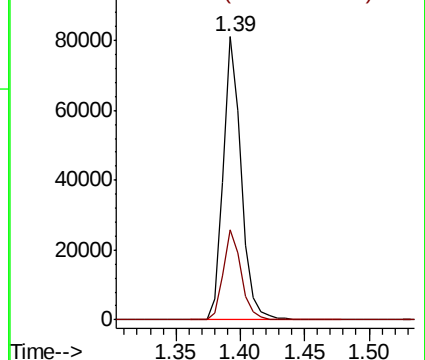
62 100

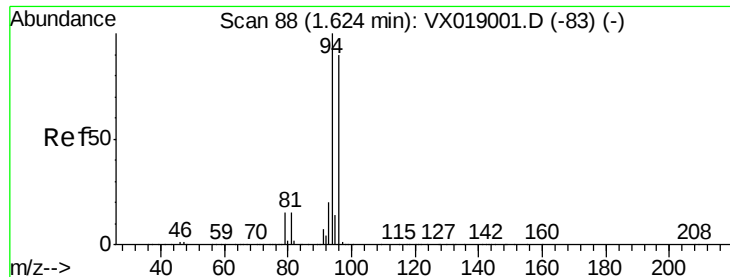
64 31.9 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 35.782 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX019000.D

Acq: 21 Oct 2020 11:10

Instrument :

MSVOA_N

ClientSampleId :

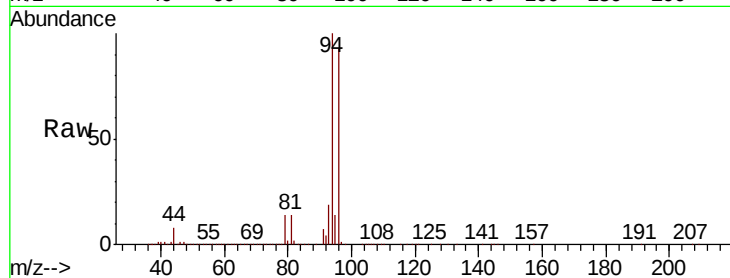
VSTDIC020

Tot Ion: 94 Resp: 84885

Ion Ratio Lower Upper

94 100

96 93.3 72.3 108.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

80000

60000

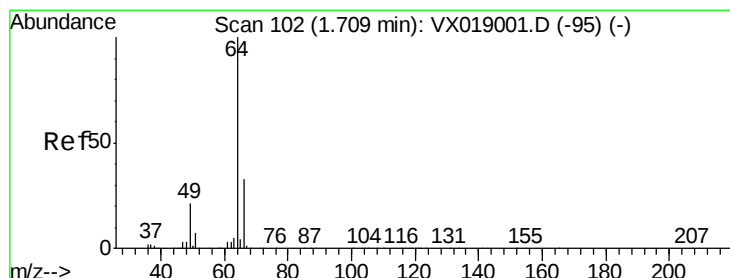
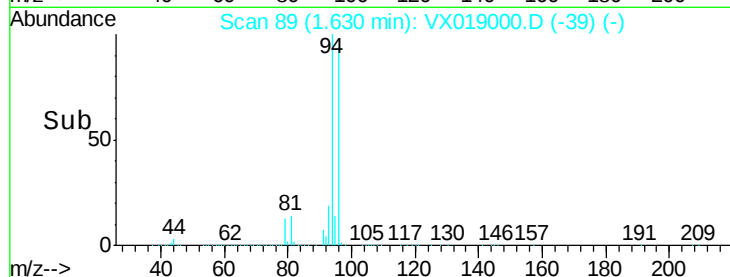
40000

20000

0

Time-->

1.50 1.60 1.70



#6

Chloroethane

Concen: 27.145 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX019000.D

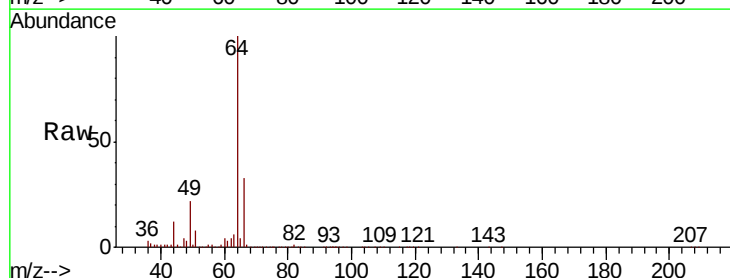
Acq: 21 Oct 2020 11:10

Tgt Ion: 64 Resp: 59769

Ion Ratio Lower Upper

64 100

66 33.0 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

50000

40000

30000

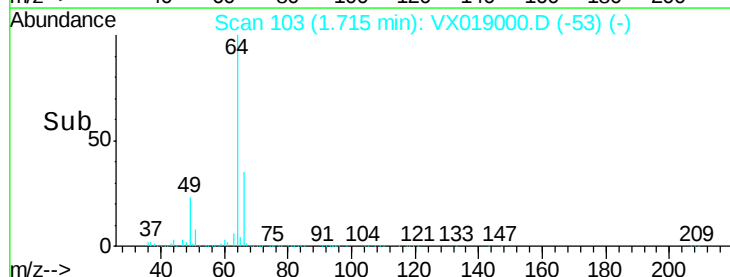
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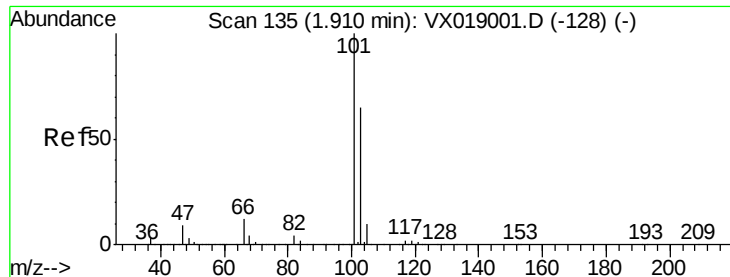
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Time-->

1.60 1.70 1.80



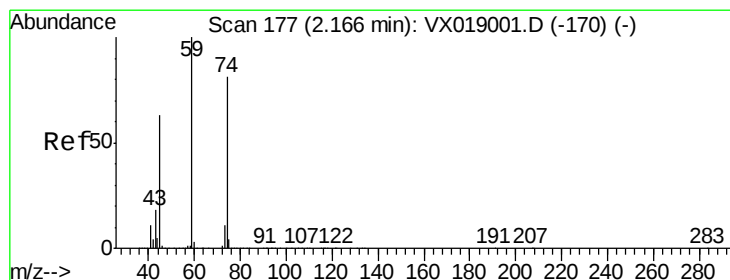
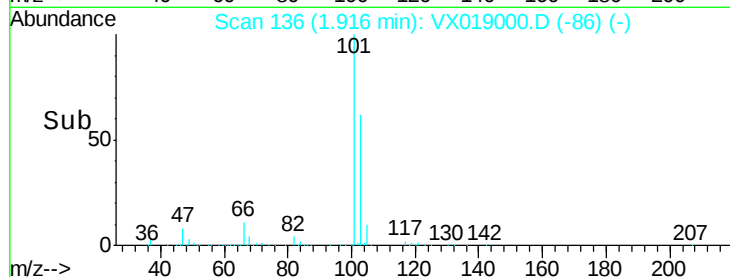
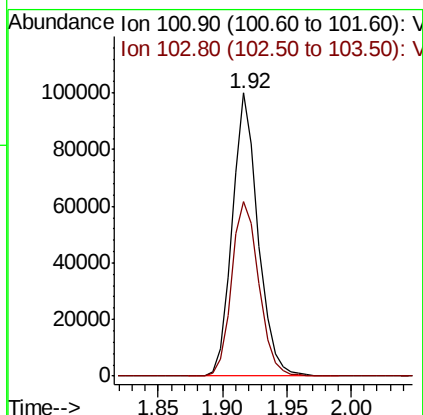
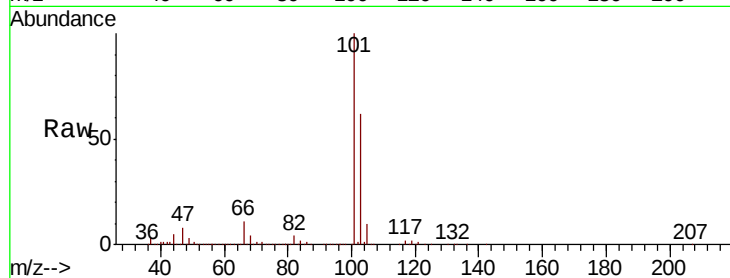


#7

Trichlorofluoromethane
Concen: 24.530 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX019000.D
Acq: 21 Oct 2020 11:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

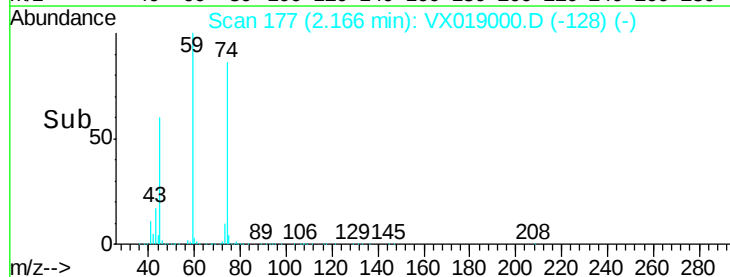
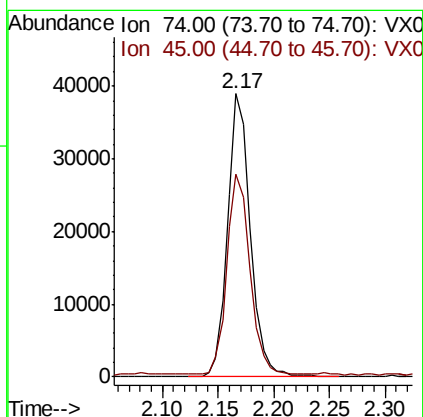
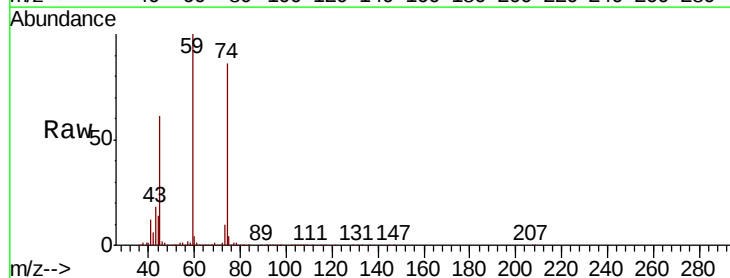
Tot Ion:101 Resp: 139547
Ion Ratio Lower Upper
101 100
103 61.7 51.8 77.6

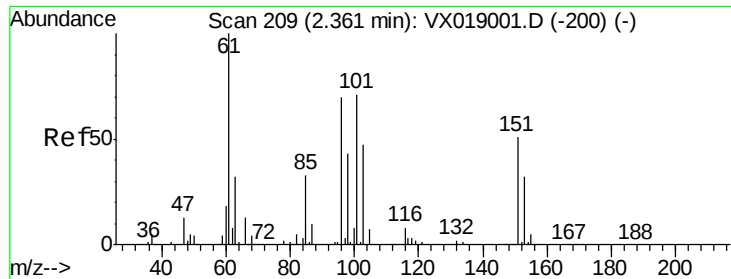


#8

Diethyl Ether
Concen: 26.778 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX019000.D
Acq: 21 Oct 2020 11:10

Tgt Ion: 74 Resp: 54914
Ion Ratio Lower Upper
74 100
45 71.3 36.9 110.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.326 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX019000.D

Acq: 21 Oct 2020 11:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

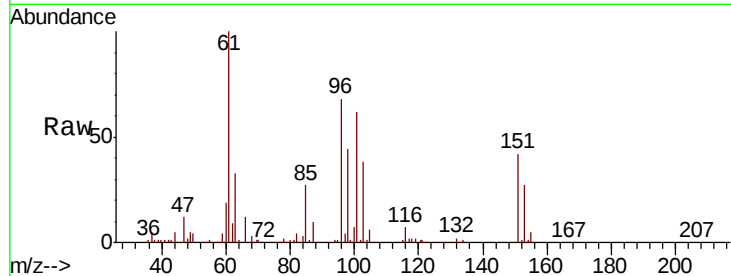
Tot Ion:101 Resp: 58380

Ion Ratio Lower Upper

101 100

85 44.9 35.1 52.7

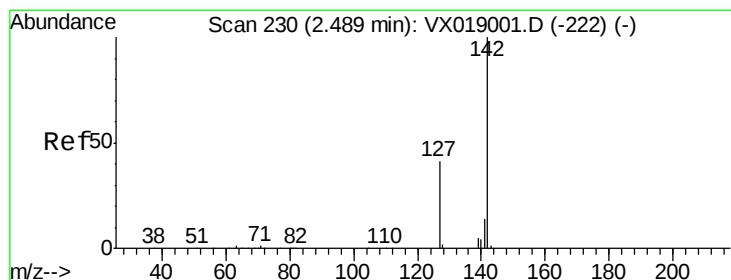
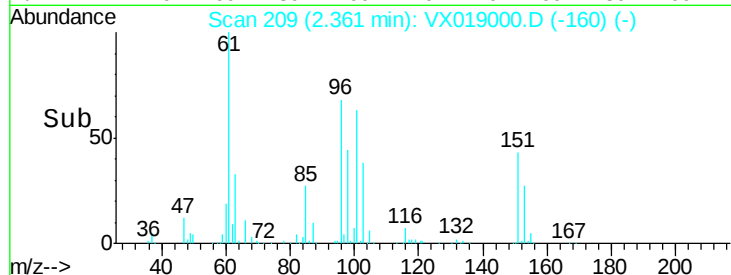
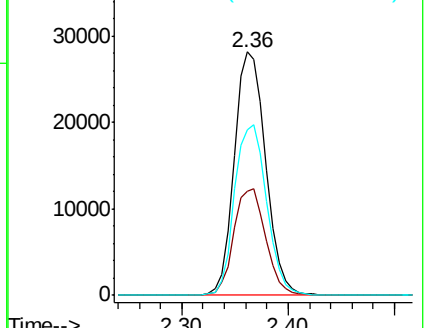
151 71.9 57.1 85.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.122 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019000.D

Acq: 21 Oct 2020 11:10

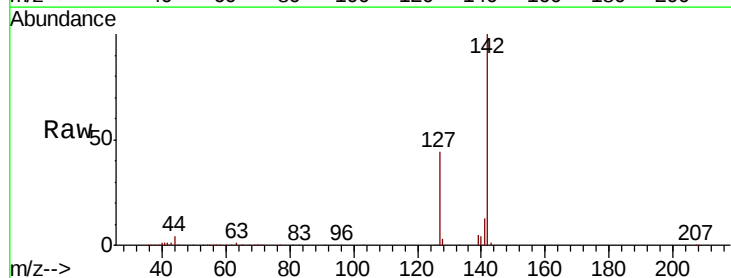
Tgt Ion:142 Resp: 59934

Ion Ratio Lower Upper

142 100

127 44.1 34.0 51.0

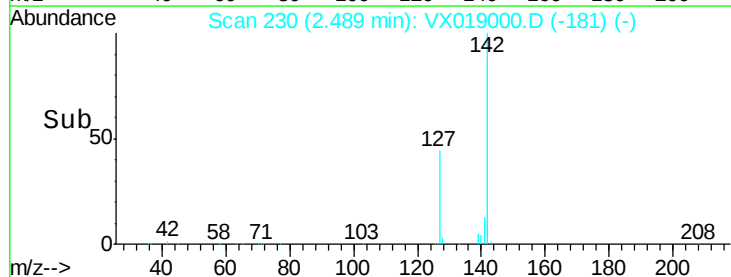
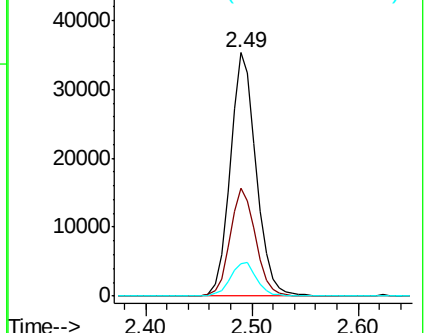
141 13.9 11.1 16.7

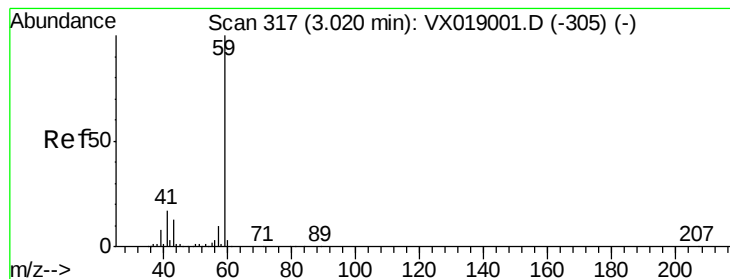


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



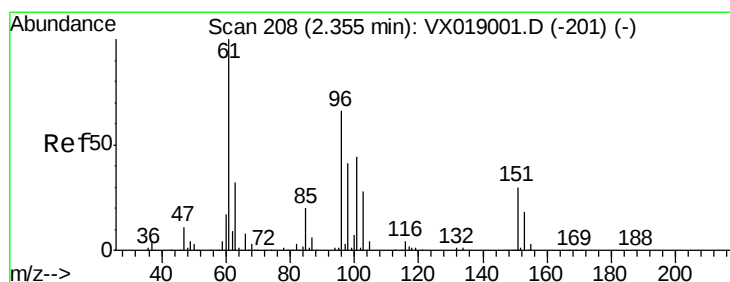
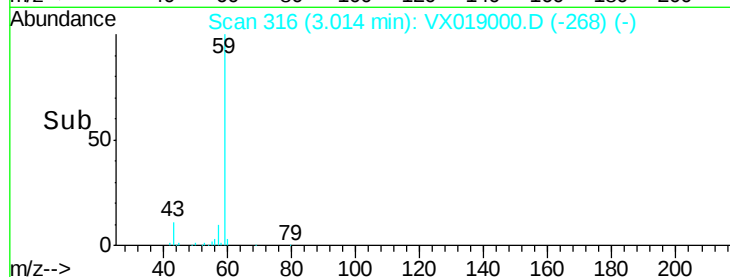
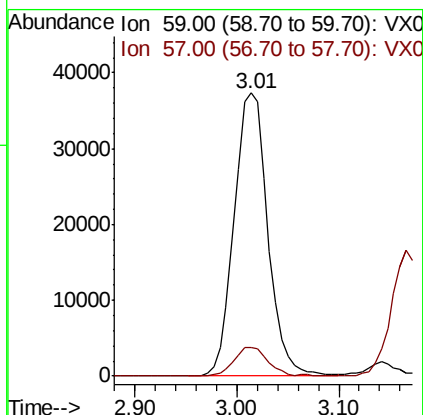
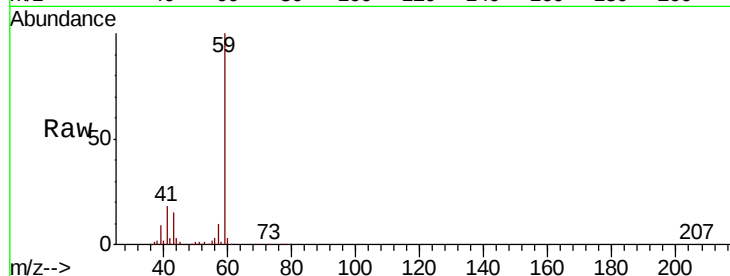


#11

Tert butyl alcohol
 Concen: 111.384 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX019000.D
 Acq: 21 Oct 2020 11:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

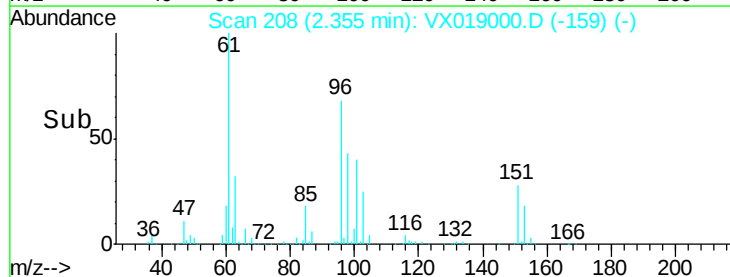
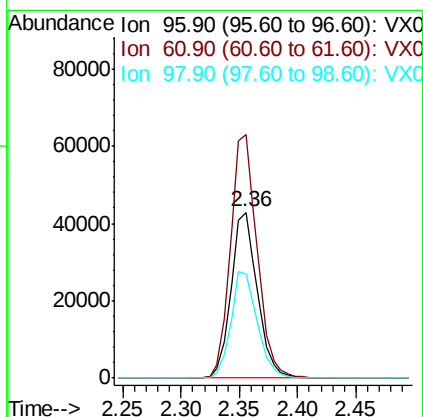
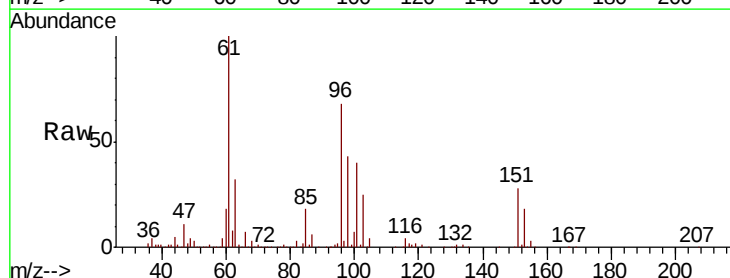
Tot Ion: 59 Resp: 85473
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.5 12.7

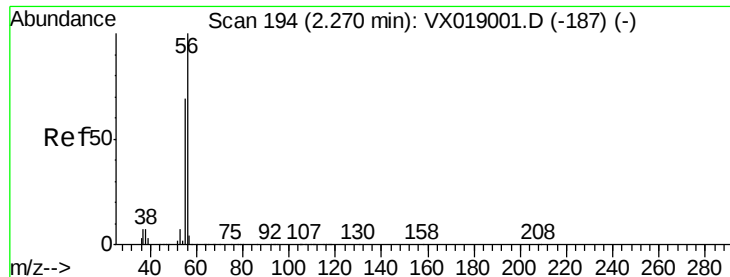


#12

1,1-Dichloroethene
 Concen: 23.260 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX019000.D
 Acq: 21 Oct 2020 11:10

Tgt Ion: 96 Resp: 67611
 Ion Ratio Lower Upper
 96 100
 61 147.0 121.8 182.6
 98 62.9 50.2 75.4





#13

Acrolein

Concen: 91.723 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019000.D

Acq: 21 Oct 2020 11:10

Instrument :

MSVOA_N

ClientSampleId :

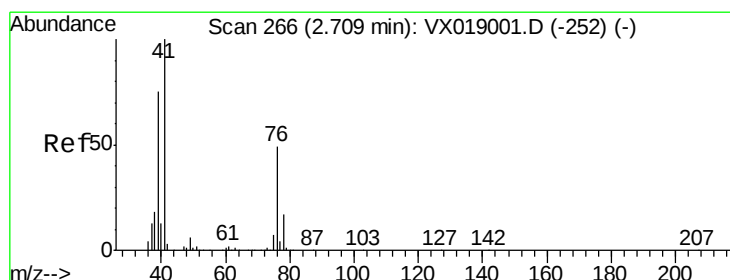
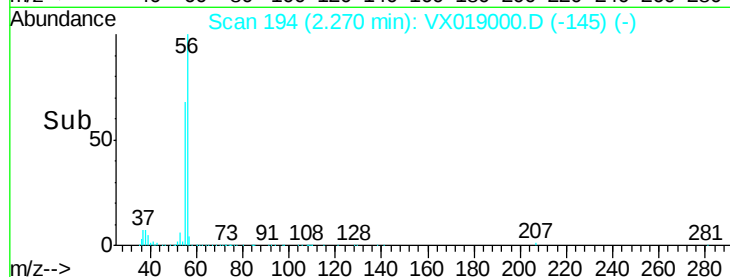
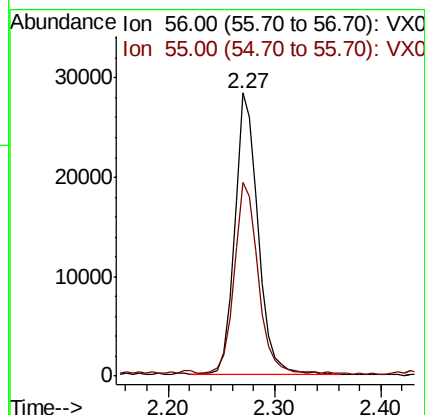
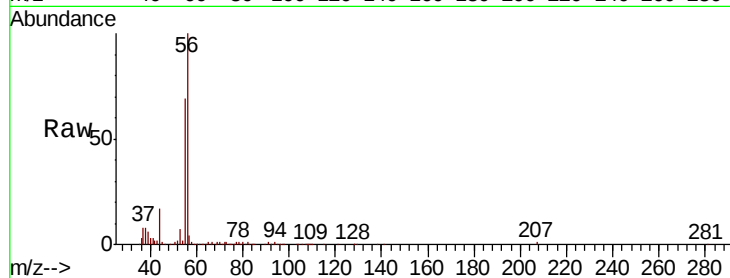
VSTDIC020

Tot Ion: 56 Resp: 43576

Ion Ratio Lower Upper

56 100

55 67.8 55.9 83.9



#14

Allyl chloride

Concen: 14.285 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX019000.D

Acq: 21 Oct 2020 11:10

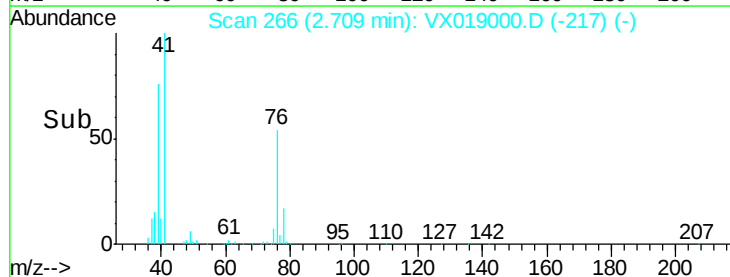
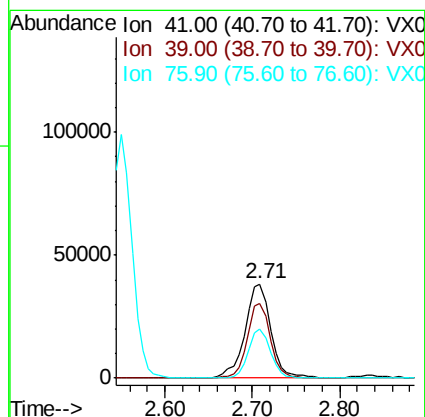
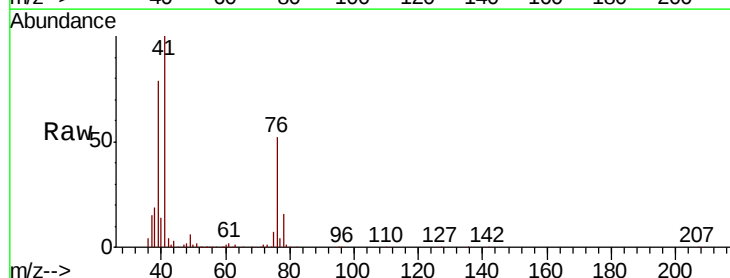
Tgt Ion: 41 Resp: 77235

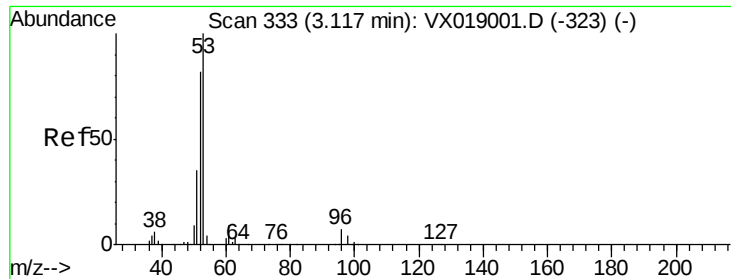
Ion Ratio Lower Upper

41 100

39 72.0 57.2 85.8

76 45.7 35.6 53.4



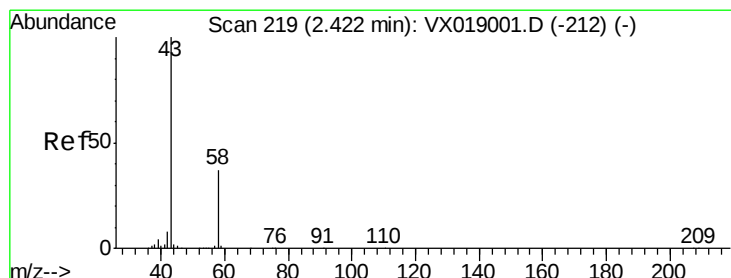
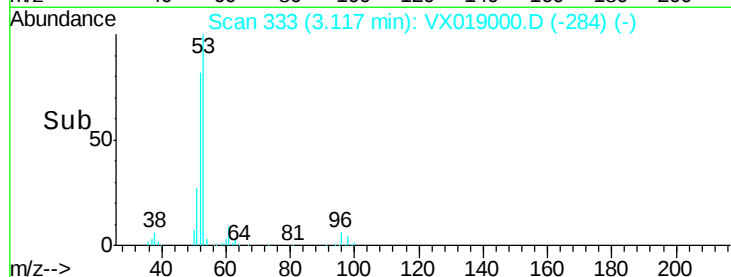
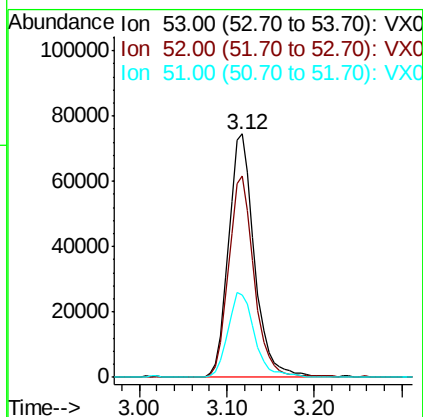
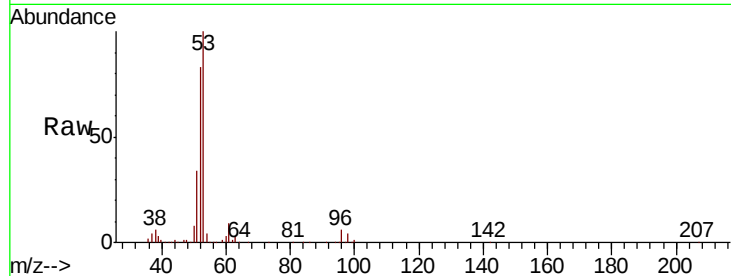


#15
 Acrylonitrile
 Concen: 88.458 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX019000.D
 Acq: 21 Oct 2020 11:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tot Ion: 53 Resp: 153705

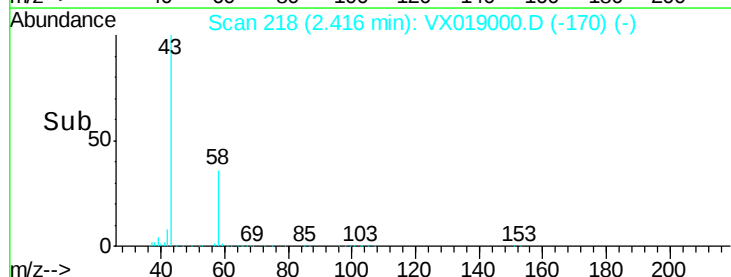
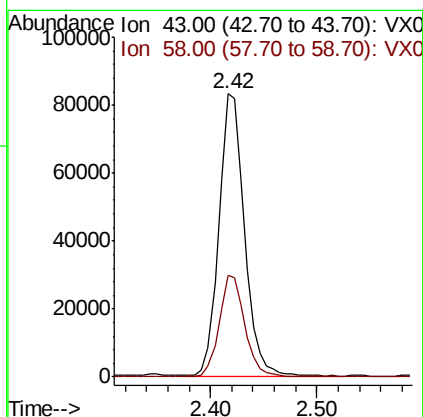
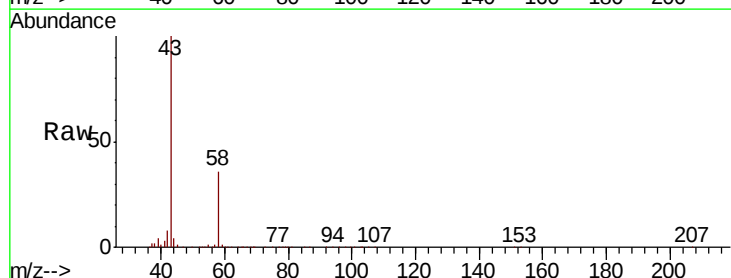
Ion	Ratio	Lower	Upper
53	100		
52	81.0	65.4	98.2
51	36.4	28.5	42.7

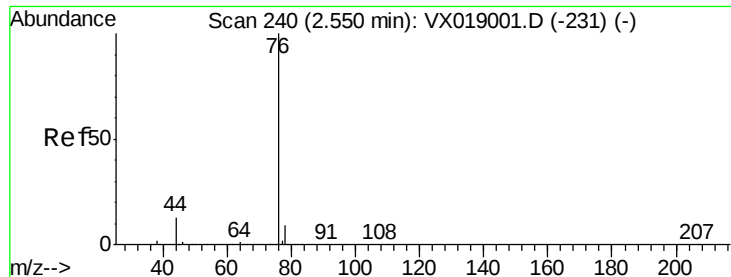


#16
 Acetone
 Concen: 86.611 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX019000.D
 Acq: 21 Oct 2020 11:10

Tgt Ion: 43 Resp: 138676

Ion	Ratio	Lower	Upper
43	100		
58	35.7	29.7	44.5

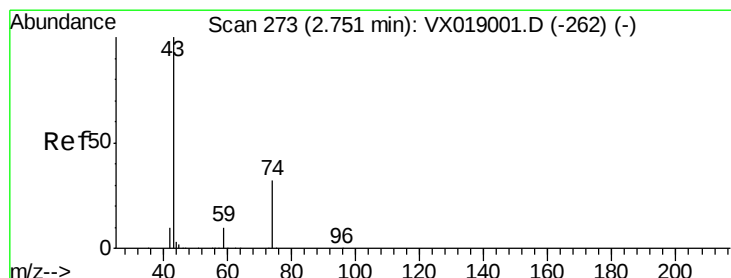
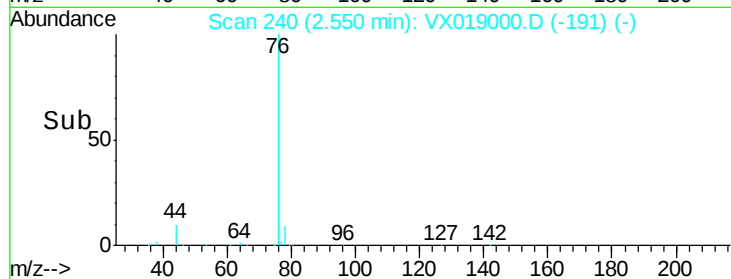
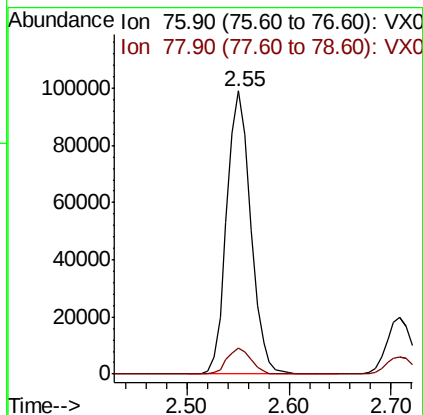
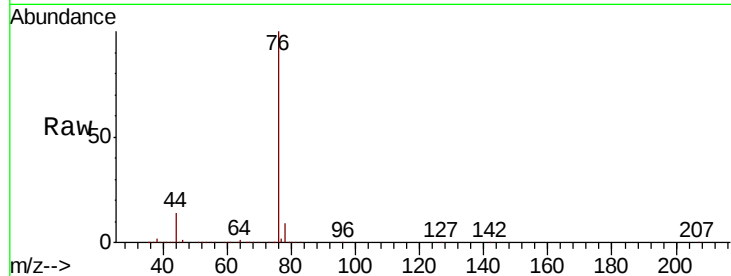




#17
Carbon Disulfide
Concen: 18.593 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019000.D
Acq: 21 Oct 2020 11:10

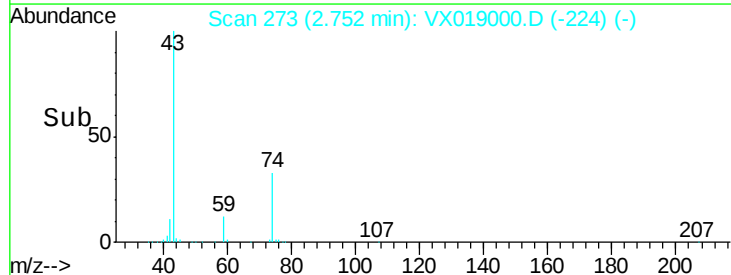
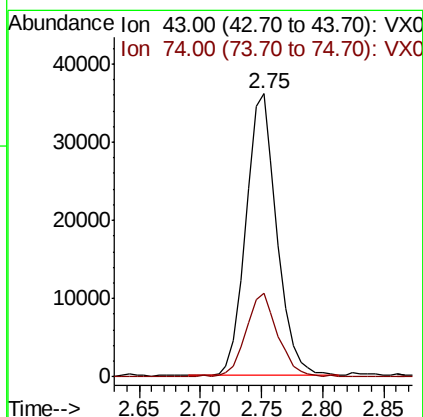
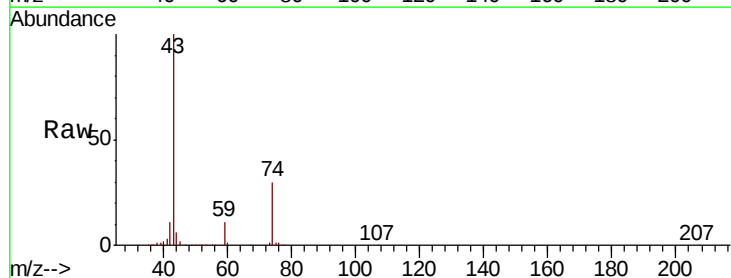
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

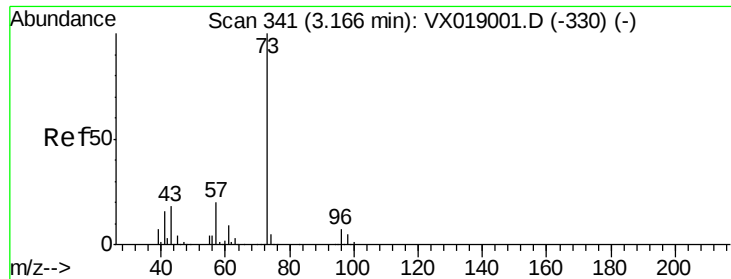
Tot Ion: 76 Resp: 161512
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 16.138 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019000.D
Acq: 21 Oct 2020 11:10

Tgt Ion: 43 Resp: 63377
Ion Ratio Lower Upper
43 100
74 31.0 25.4 38.0

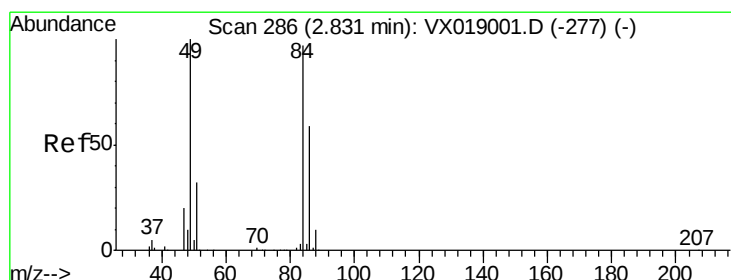
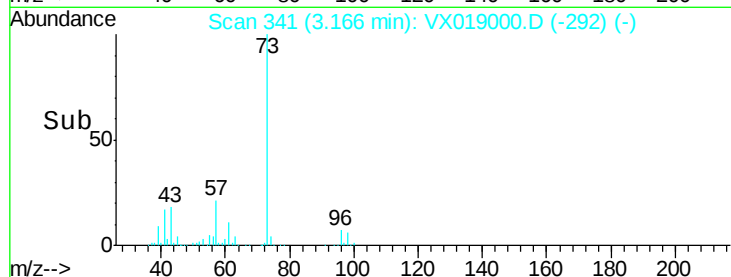
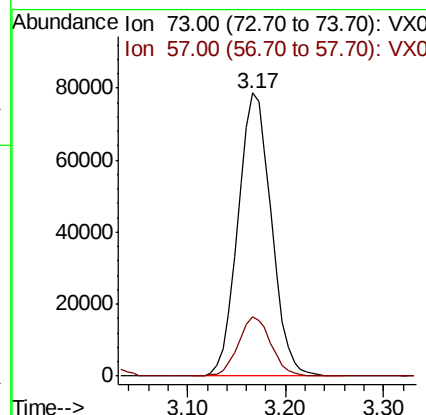
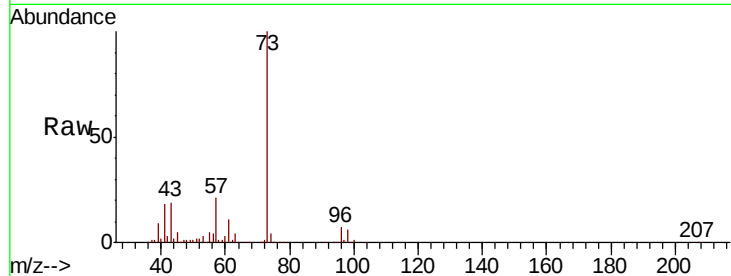




#19
Methyl tert-butyl Ether
Concen: 18.297 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX019000.D
Acq: 21 Oct 2020 11:10

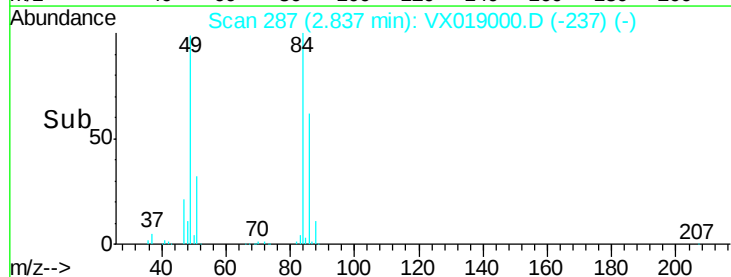
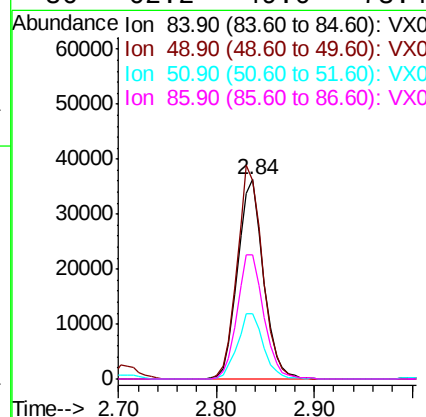
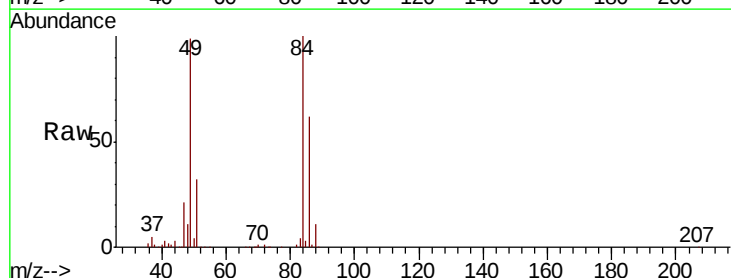
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

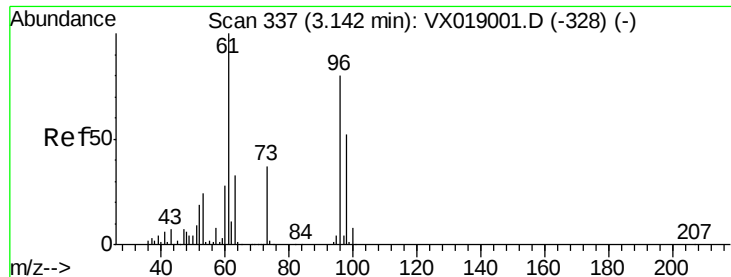
Tot Ion: 73 Resp: 186080
Ion Ratio Lower Upper
73 100
57 21.0 16.2 24.4



#20
Methylene Chloride
Concen: 18.407 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX019000.D
Acq: 21 Oct 2020 11:10

Tgt Ion: 84 Resp: 66575
Ion Ratio Lower Upper
84 100
49 99.4 82.6 124.0
51 32.5 26.6 39.8
86 62.2 49.0 73.4





#21

trans-1,2-Dichloroethene

Concen: 19.176 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX019000.D

Acq: 21 Oct 2020 11:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

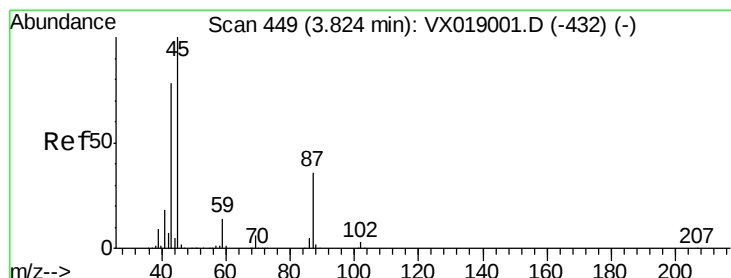
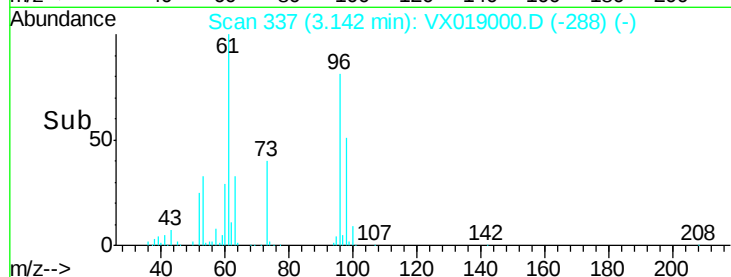
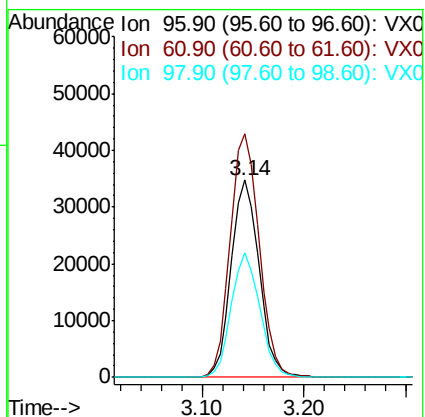
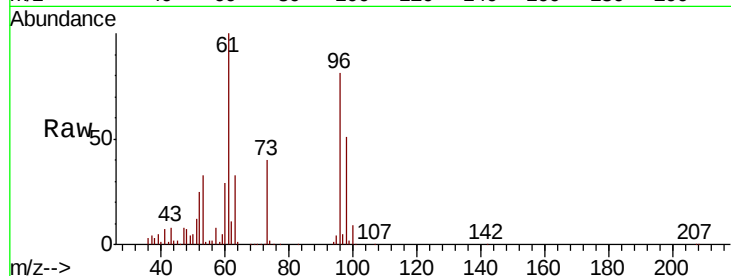
Tot Ion: 96 Resp: 65979

Ion Ratio Lower Upper

96 100

61 123.4 100.0 150.0

98 63.3 51.9 77.9



#22

Diisopropyl ether

Concen: 15.310 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX019000.D

Acq: 21 Oct 2020 11:10

Tgt Ion: 45 Resp: 156820

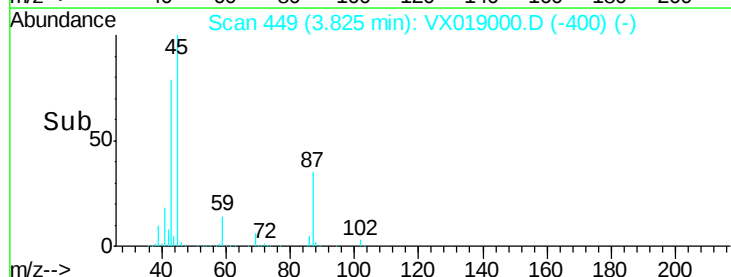
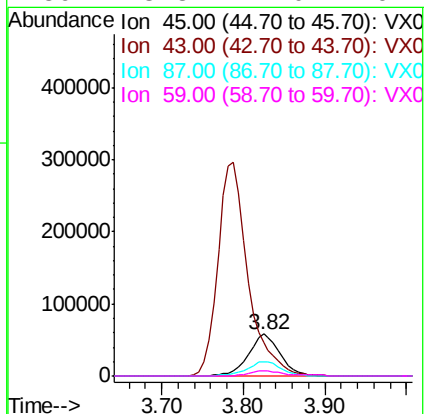
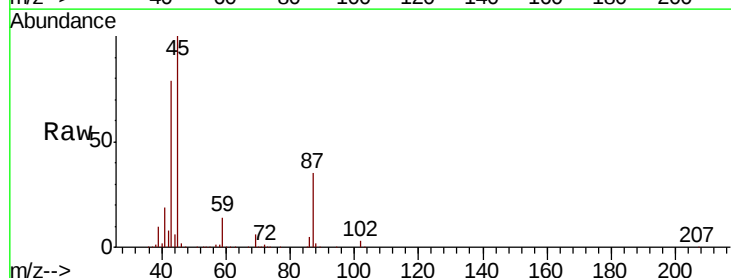
Ion Ratio Lower Upper

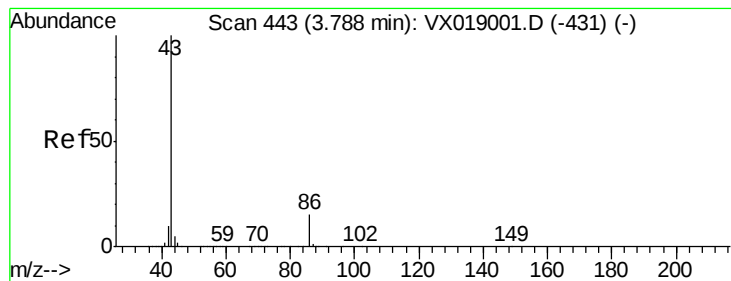
45 100

43 78.1 62.7 94.1

87 34.7 29.1 43.7

59 13.8 11.0 16.4





#23

Vinyl Acetate

Concen: 83.229 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX019000.D

Acq: 21 Oct 2020 11:10

Instrument :

MSVOA_N

ClientSampleId :

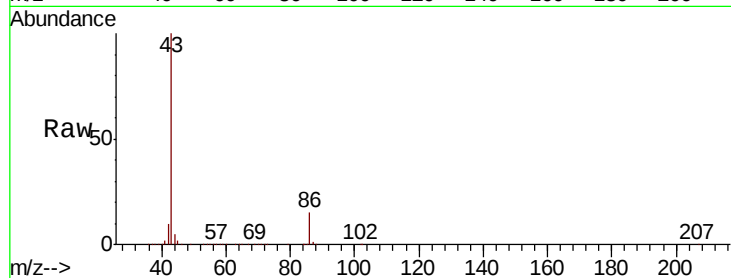
VSTDIC020

Tot Ion: 43 Resp: 762733

Ion Ratio Lower Upper

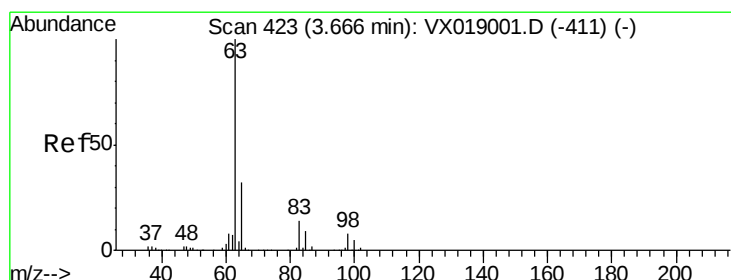
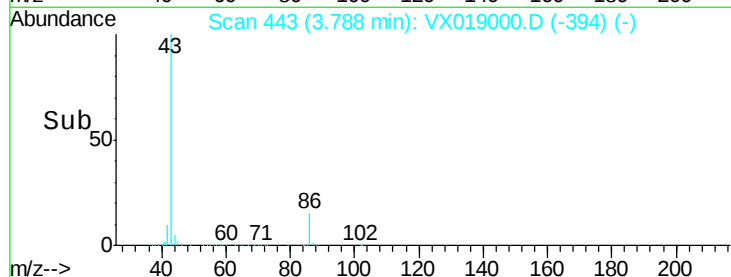
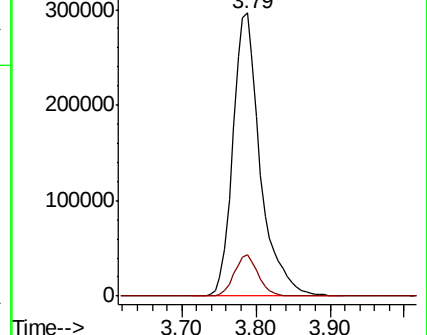
43 100

86 14.6 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.572 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX019000.D

Acq: 21 Oct 2020 11:10

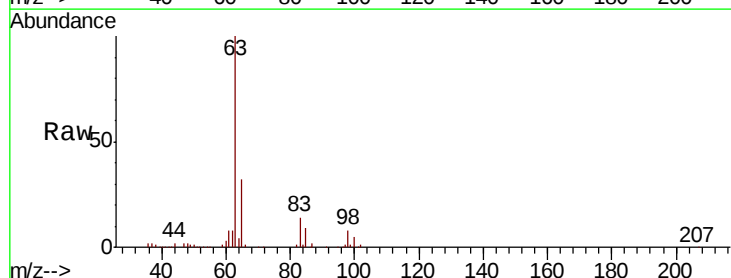
Tgt Ion: 63 Resp: 113765

Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.5

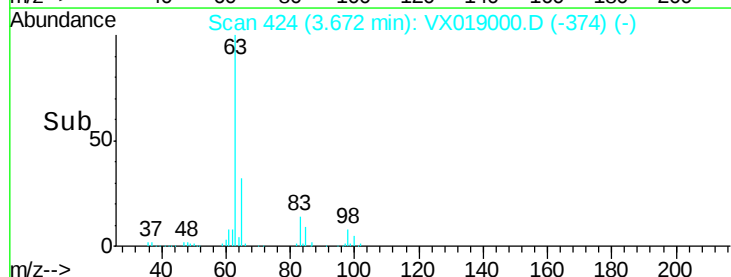
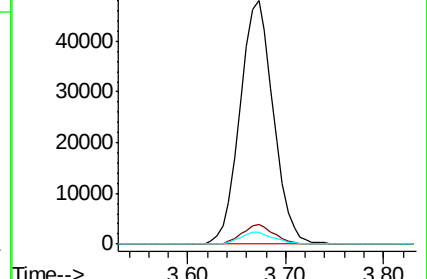
100 4.8 2.5 7.5

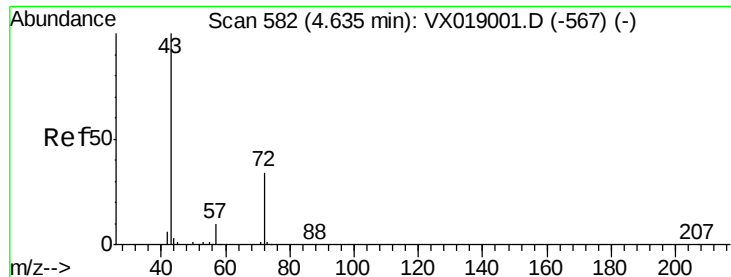


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 88.664 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX019000.D

Acq: 21 Oct 2020 11:10

Instrument :

MSVOA_N

ClientSampleId :

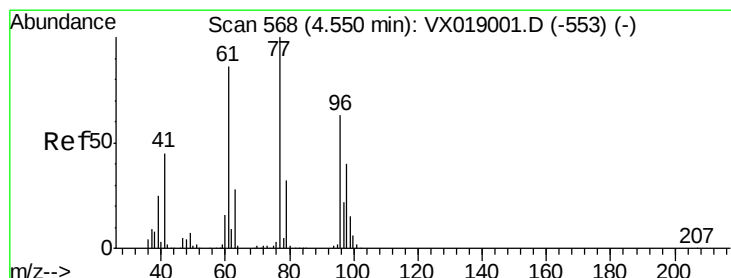
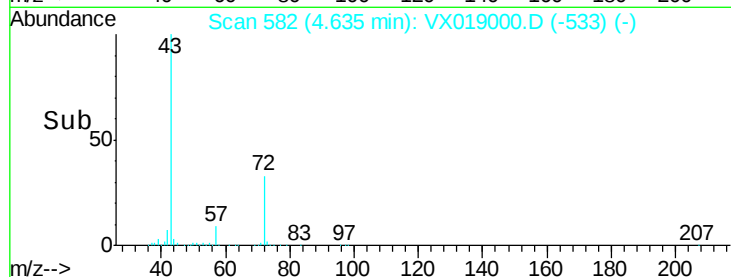
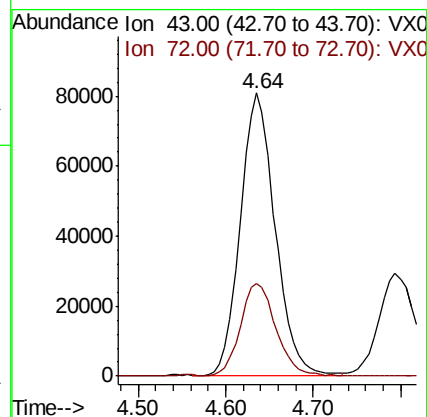
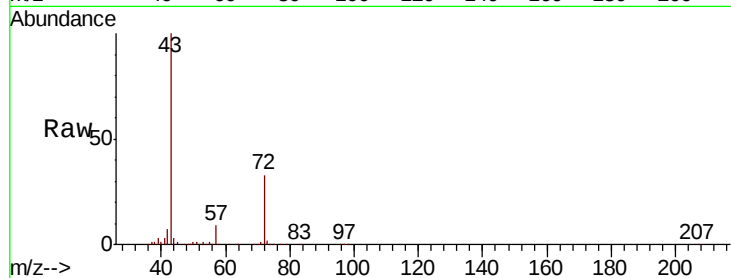
VSTDIC020

Tot Ion: 43 Resp: 221836

Ion Ratio Lower Upper

43 100

72 32.4 27.5 41.3



#26

2,2-Dichloropropane

Concen: 18.699 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX019000.D

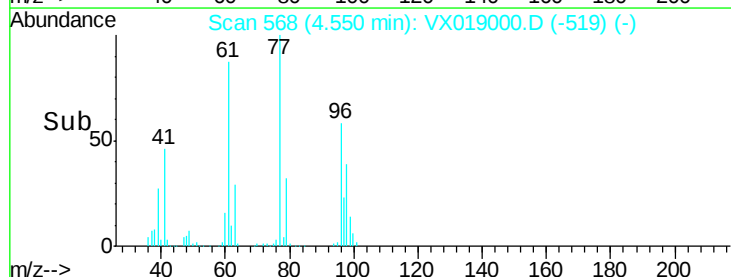
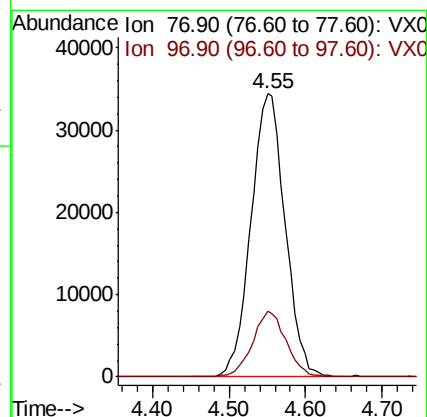
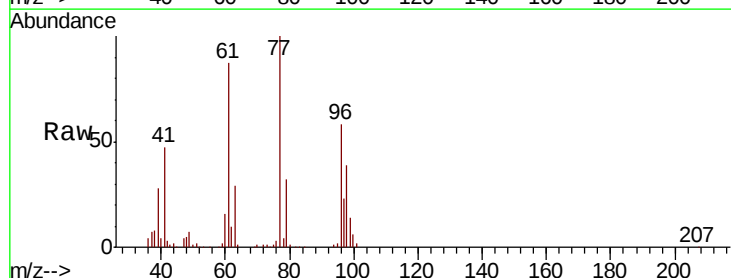
Acq: 21 Oct 2020 11:10

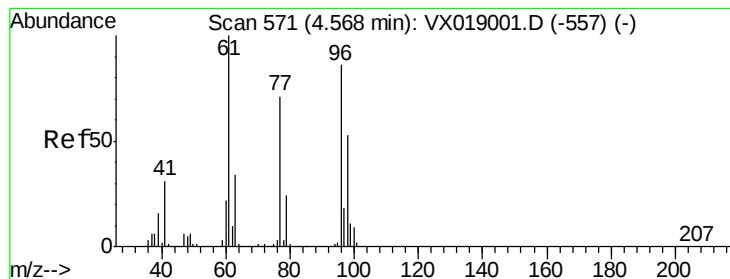
Tgt Ion: 77 Resp: 106901

Ion Ratio Lower Upper

77 100

97 23.0 11.5 34.5



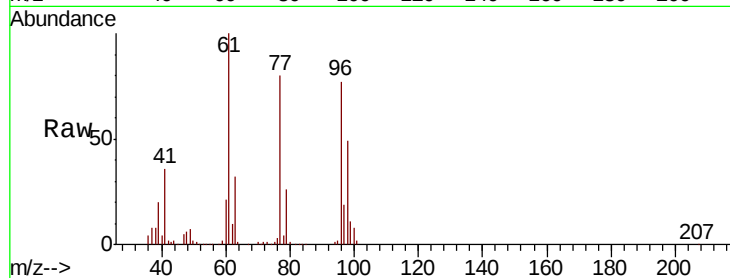


#27

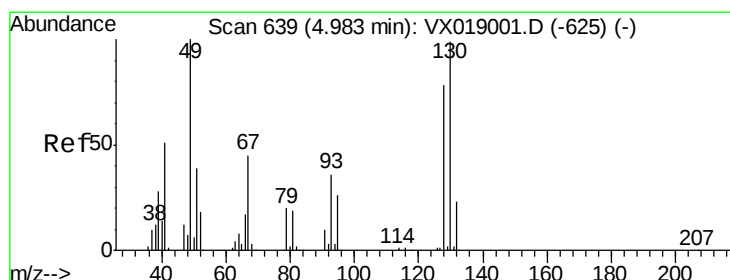
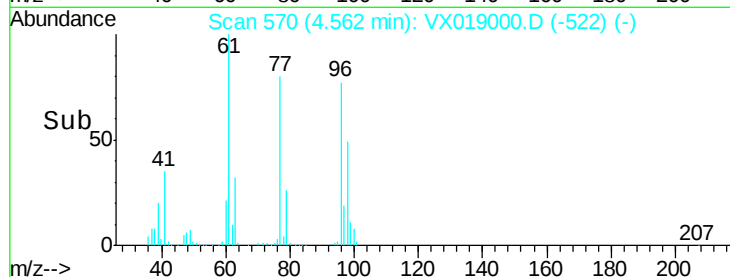
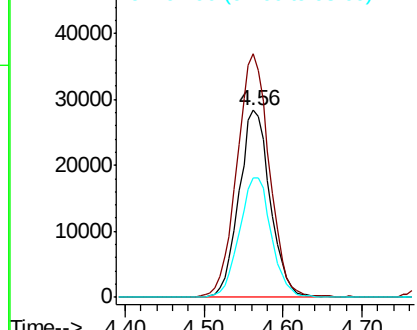
cis-1,2-Dichloroethene
Concen: 20.193 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX019000.D
Acq: 21 Oct 2020 11:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion: 96 Resp: 78472
Ion Ratio Lower Upper
96 100
61 134.6 0.0 259.8
98 65.5 0.0 129.2



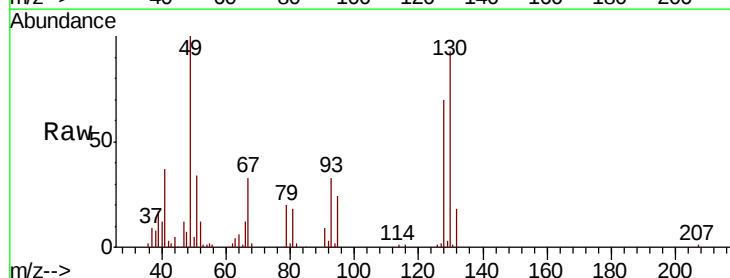
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



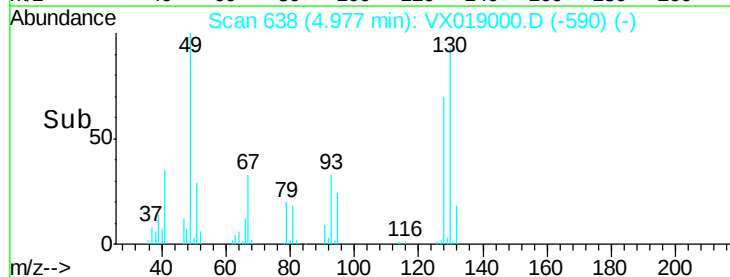
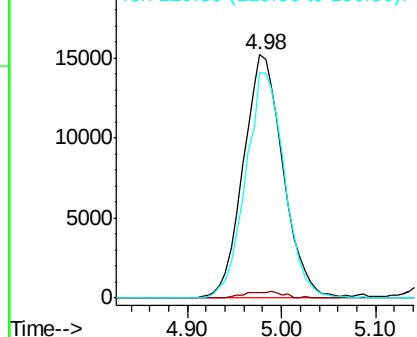
#28

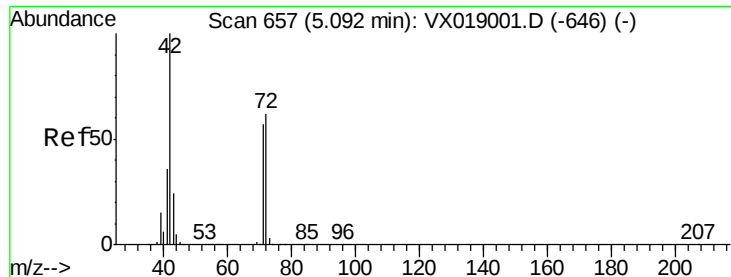
Bromochloromethane
Concen: 15.944 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX019000.D
Acq: 21 Oct 2020 11:10

Tgt Ion: 49 Resp: 44949
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.8
130 90.9 75.3 112.9



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: 79.867 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX019000.D

Acq: 21 Oct 2020 11:10

Instrument :

MSVOA_N

ClientSampled :

VSTDIC020

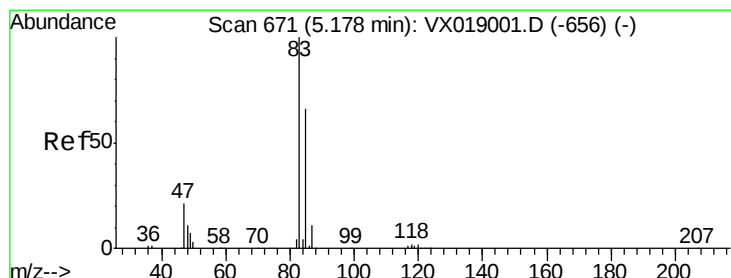
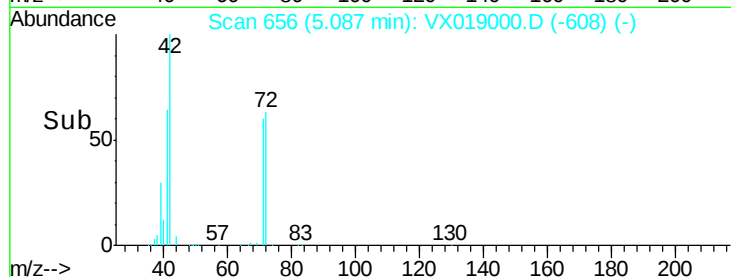
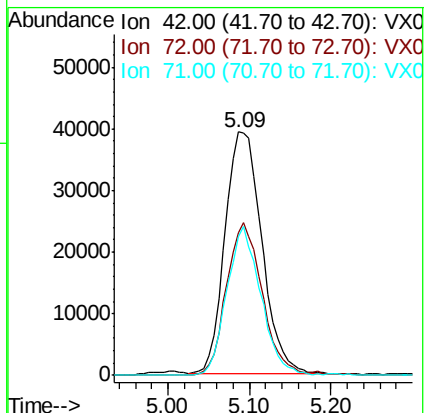
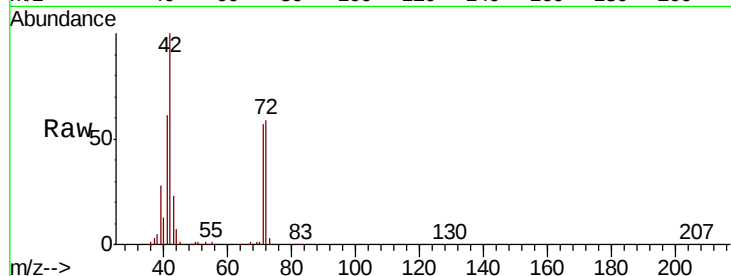
Tot Ion: 42 Resp: 123640

Ion Ratio Lower Upper

42 100

72 61.5 49.8 74.8

71 56.5 45.8 68.8



#30

Chloroform

Concen: 19.737 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX019000.D

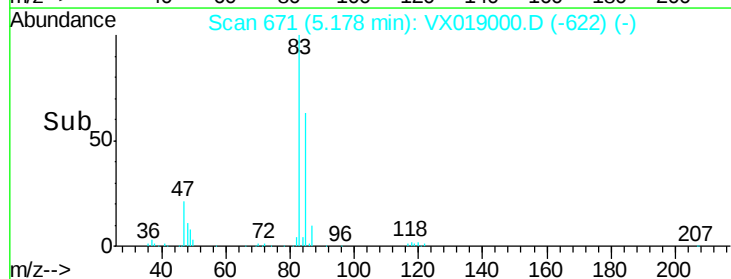
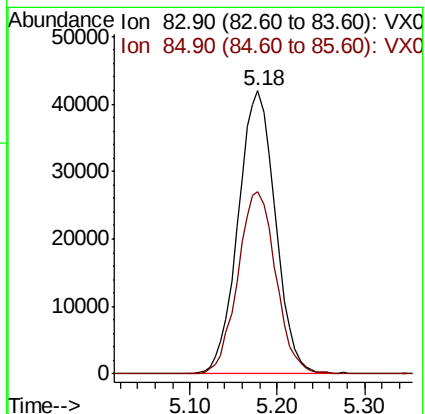
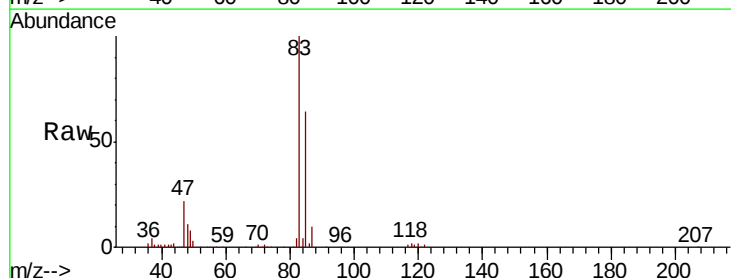
Acq: 21 Oct 2020 11:10

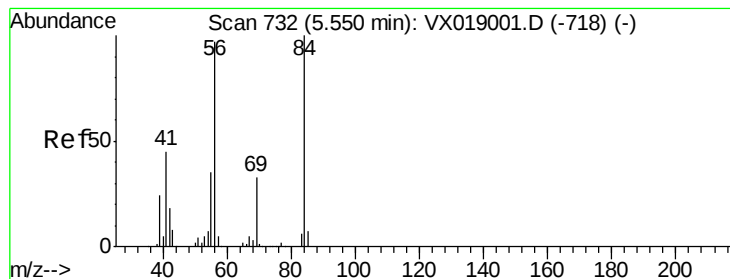
Tgt Ion: 83 Resp: 124639

Ion Ratio Lower Upper

83 100

85 64.4 52.4 78.6





#31

Cyclohexane

Concen: 17.437 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX019000.D

Acq: 21 Oct 2020 11:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

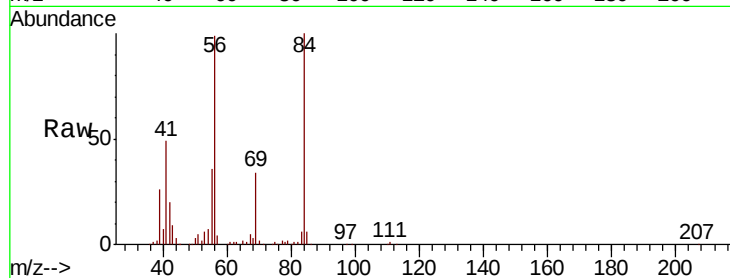
Tot Ion: 56 Resp: 88274

Ion Ratio Lower Upper

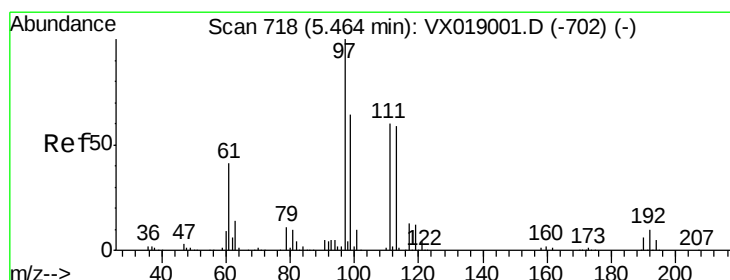
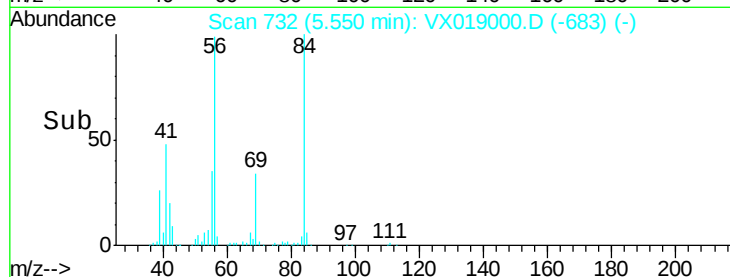
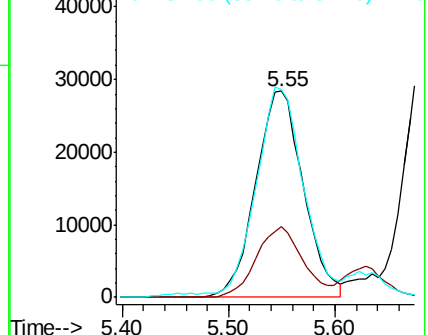
56 100

69 34.3 26.9 40.3

84 99.4 82.2 123.4



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 18.879 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX019000.D

Acq: 21 Oct 2020 11:10

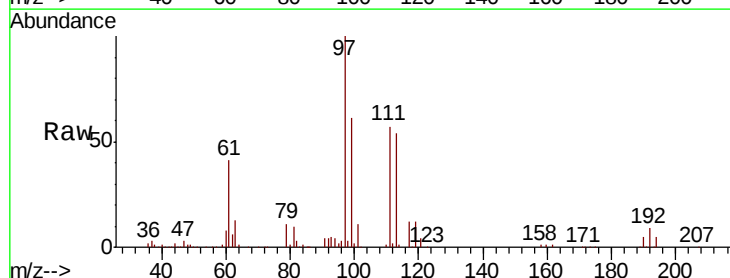
Tgt Ion: 97 Resp: 110590

Ion Ratio Lower Upper

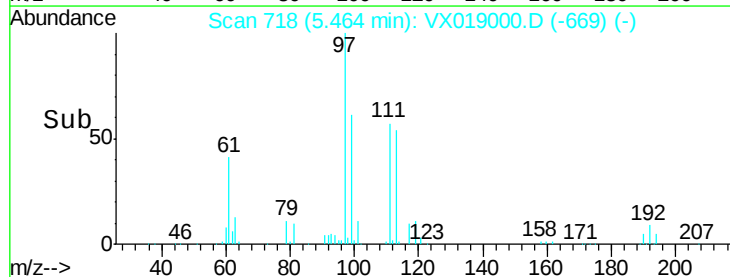
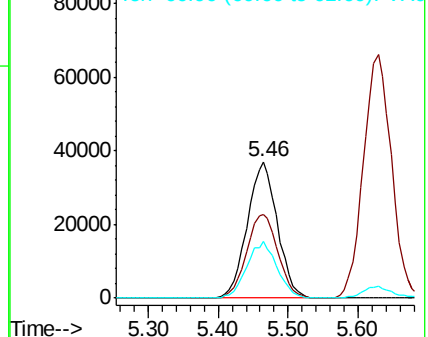
97 100

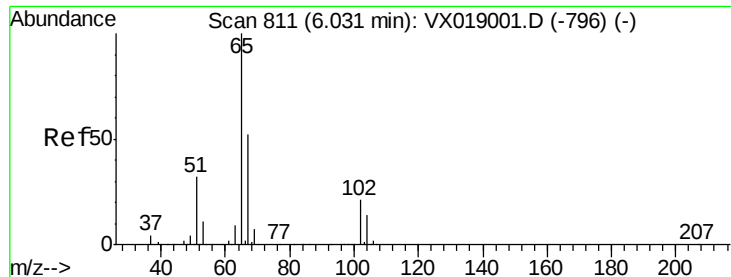
99 64.0 51.8 77.8

61 41.8 33.0 49.4



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 17.123 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX019000.D

Acq: 21 Oct 2020 11:10

Instrument :

MSVOA_N

ClientSampleId :

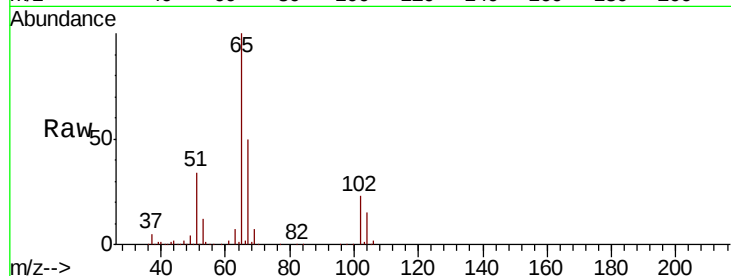
VSTDIC020

Tot Ion: 65 Resp: 72631

Ion Ratio Lower Upper

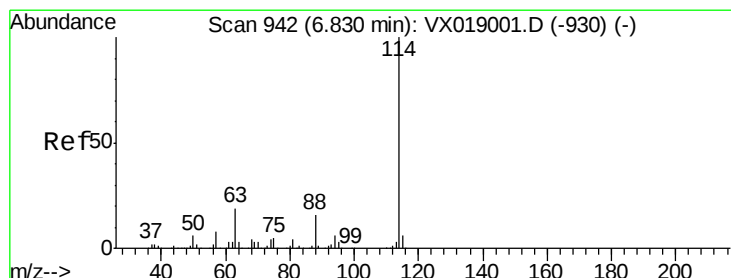
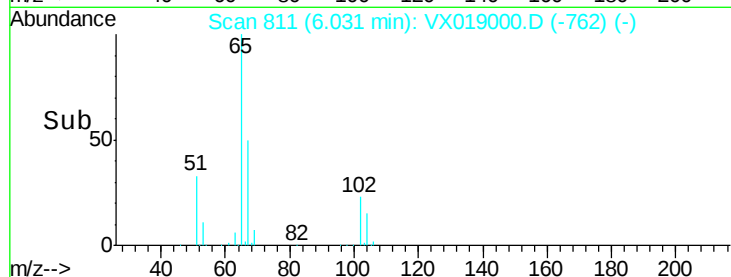
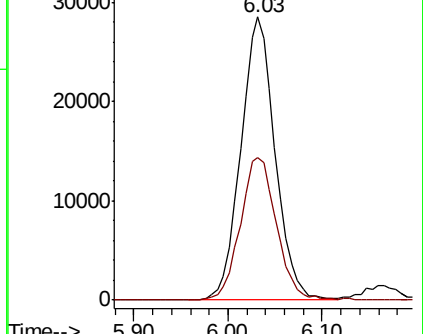
65 100

67 53.3 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX019000.D

Acq: 21 Oct 2020 11:10

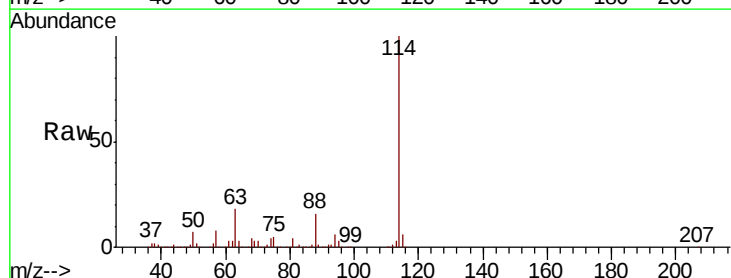
Tgt Ion: 114 Resp: 548129

Ion Ratio Lower Upper

114 100

63 18.1 0.0 37.6

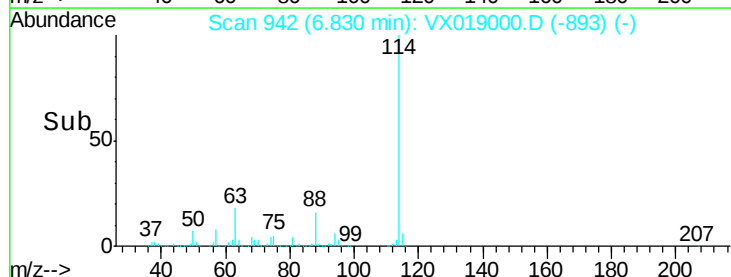
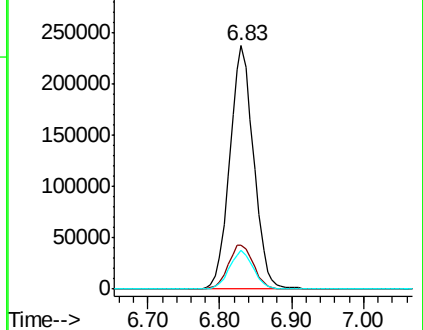
88 15.8 0.0 31.2

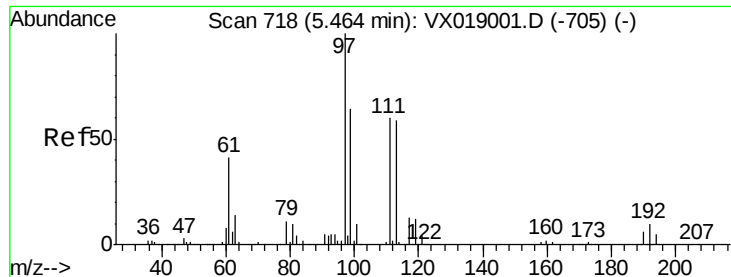


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

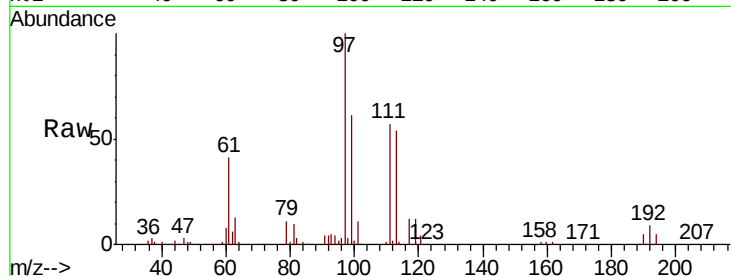




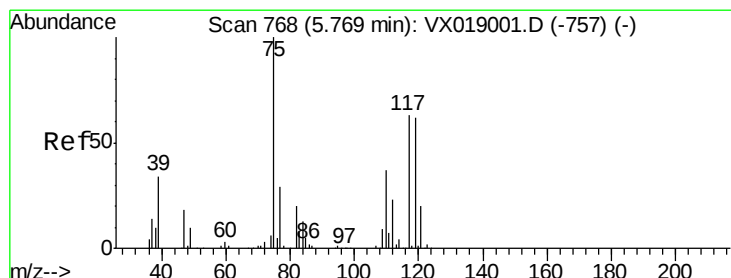
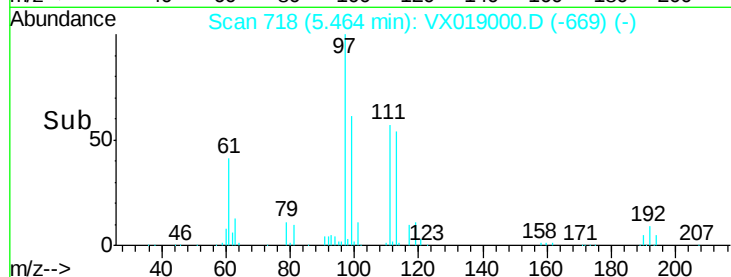
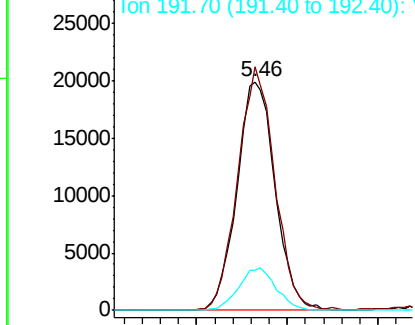
#35
Dibromofluoromethane
Concen: 15.667 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX019000.D
Acq: 21 Oct 2020 11:10

Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

Tot Ion:113 Resp: 58154
Ion Ratio Lower Upper
113 100
111 103.5 82.6 123.8
192 18.0 14.6 21.8

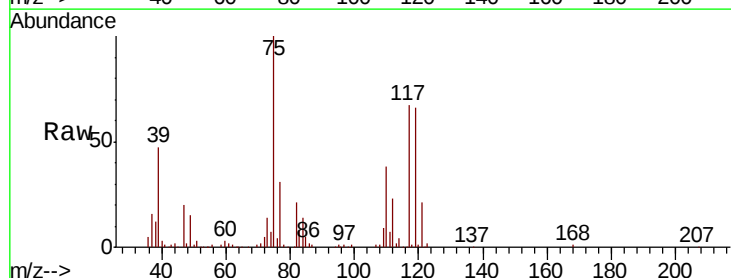


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

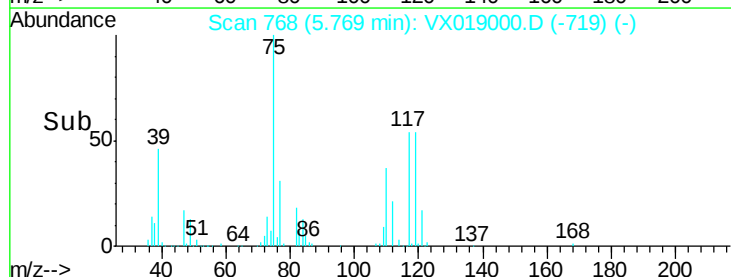
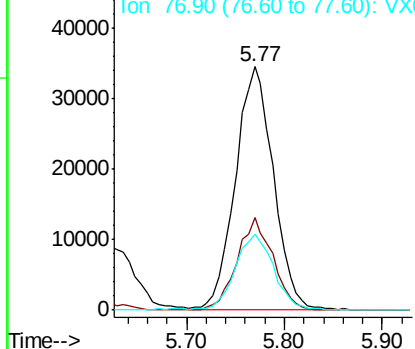


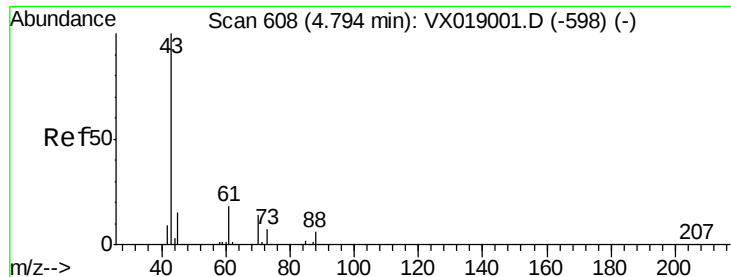
#36
1,1-Dichloropropene
Concen: 17.649 ug/l
RT: 5.77 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX019000.D
Acq: 21 Oct 2020 11:10

Tgt Ion: 75 Resp: 92730
Ion Ratio Lower Upper
75 100
110 36.0 18.6 55.6
77 31.4 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

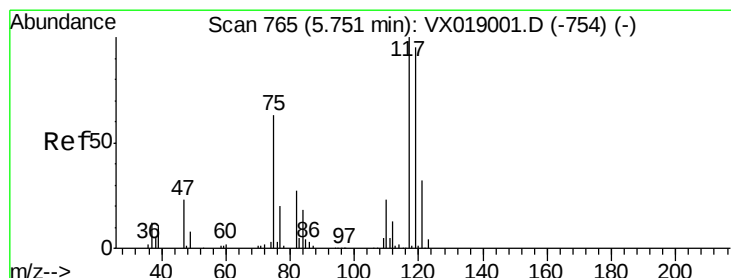
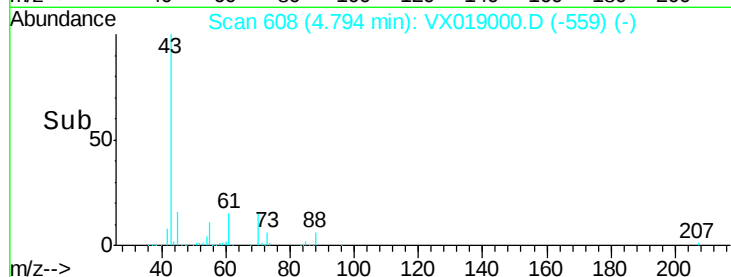
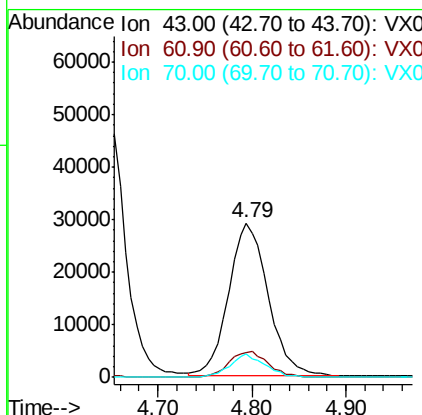
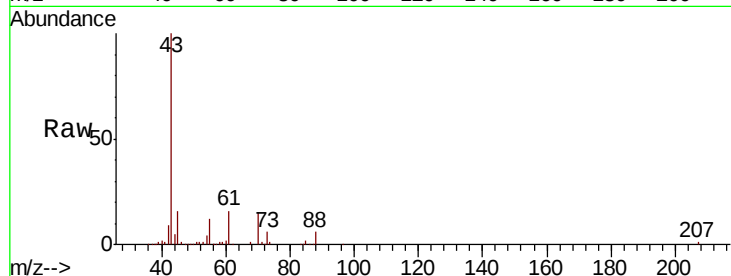




#37
Ethyl Acetate
Concen: 15.561 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX019000.D
Acq: 21 Oct 2020 11:10

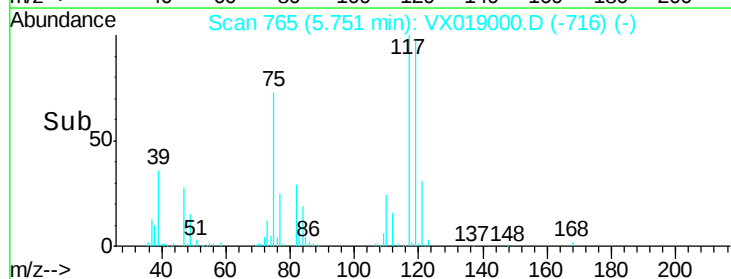
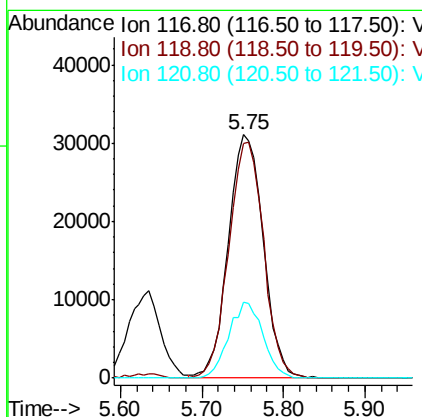
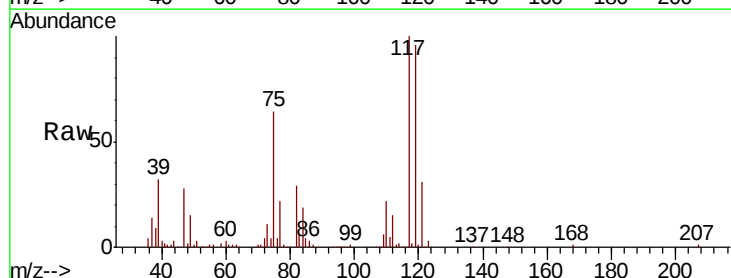
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

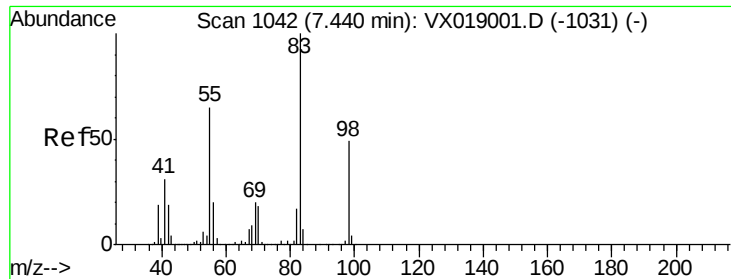
Tot Ion: 43 Resp: 84943
Ion Ratio Lower Upper
43 100
61 17.1 13.6 20.4
70 13.7 11.4 17.0



#38
Carbon Tetrachloride
Concen: 16.163 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX019000.D
Acq: 21 Oct 2020 11:10

Tgt Ion: 117 Resp: 92313
Ion Ratio Lower Upper
117 100
119 96.4 75.5 113.3
121 31.0 25.2 37.8

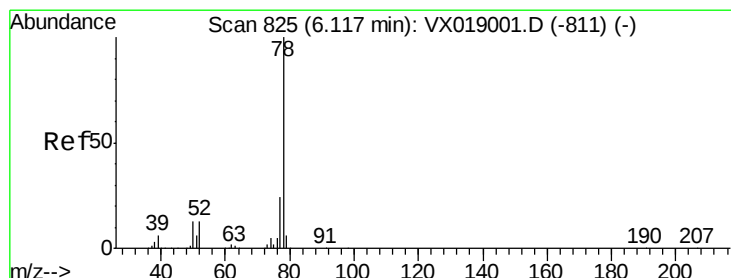
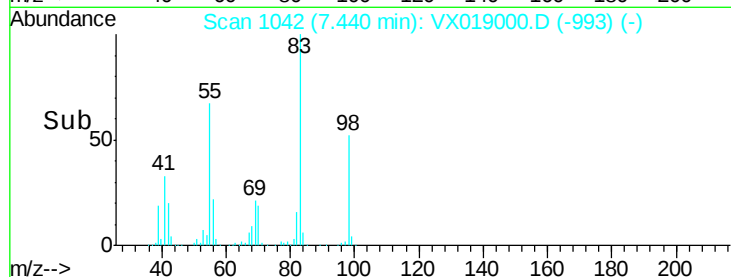
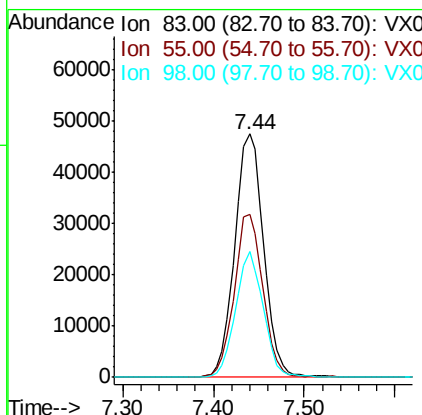
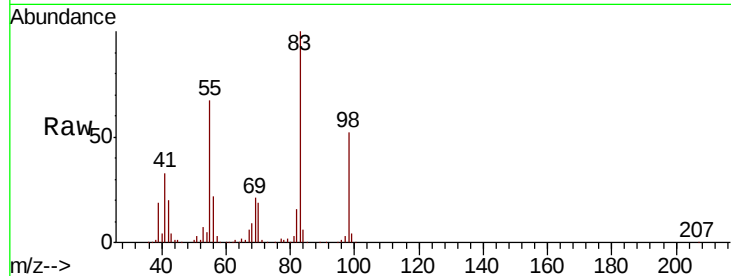




#39
Methvlcvclohexane
Concen: 17.838 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX019000.D
Acq: 21 Oct 2020 11:10

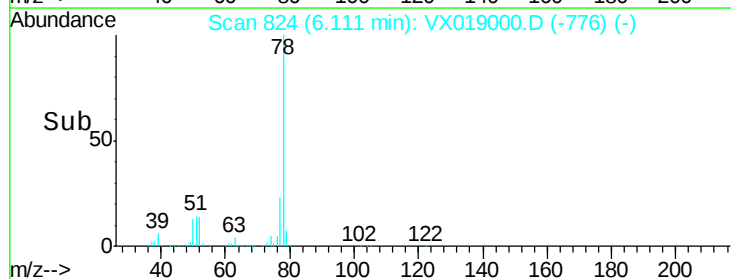
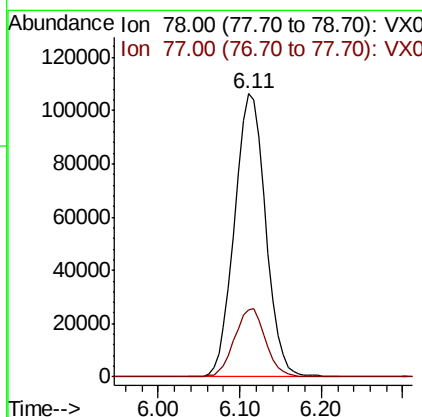
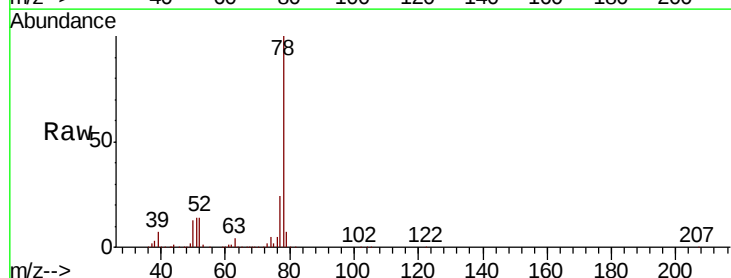
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

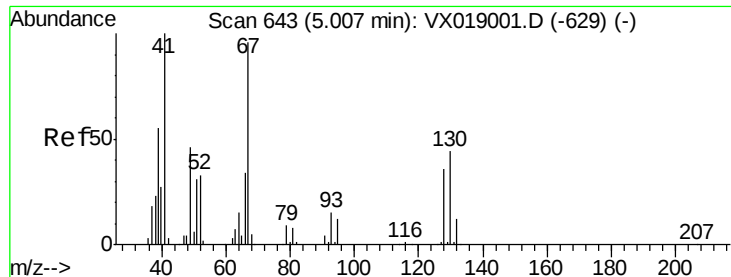
Tot Ion	83	Resp	105117
Ion	Ratio	Lower	Upper
83	100		
55	66.5	51.8	77.6
98	51.6	39.5	59.3



#40
Benzene
Concen: 18.525 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX019000.D
Acq: 21 Oct 2020 11:10

Tgt Ion	78	Resp	281529
Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.2	28.8

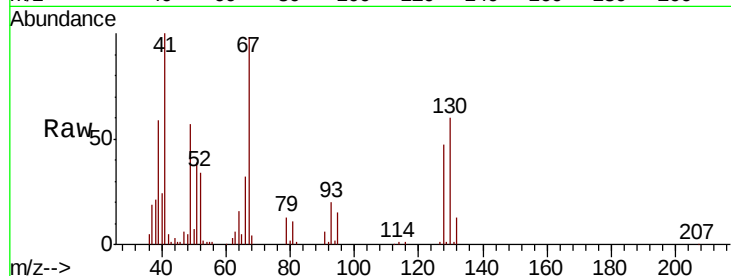




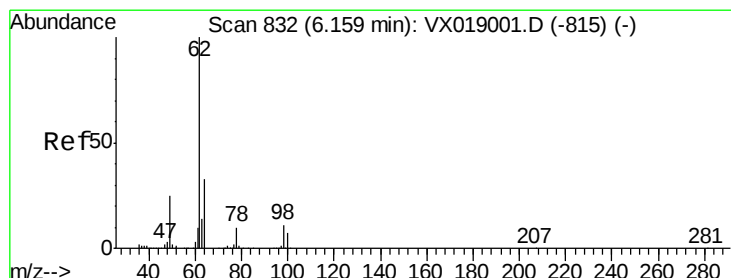
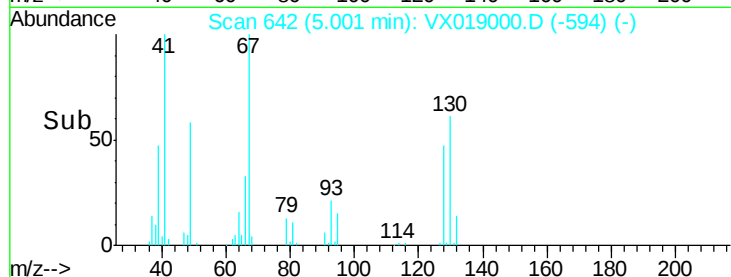
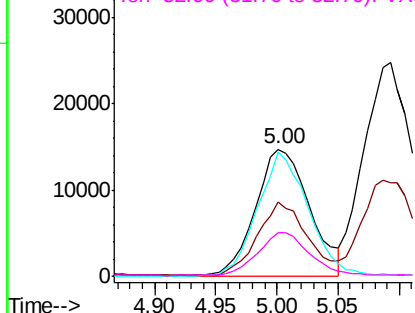
#41
Methacrylonitrile
Concen: 14.916 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX019000.D
Acq: 21 Oct 2020 11:10

Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

Tot Ion:	41	Resp:	44931
Ion	Ratio	Lower	Upper
41	100		
39	53.9	45.0	67.6
67	93.7	78.0	117.0
52	33.3	28.2	42.4

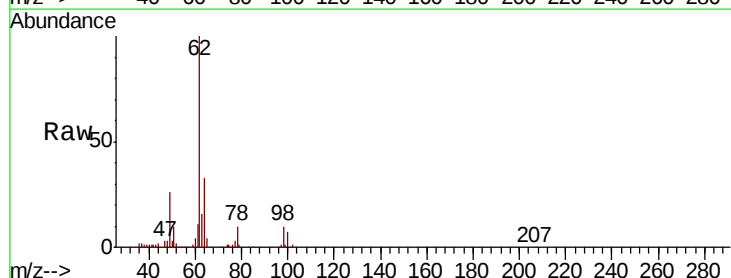


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

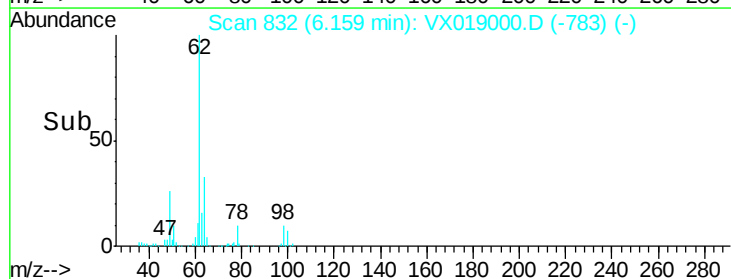
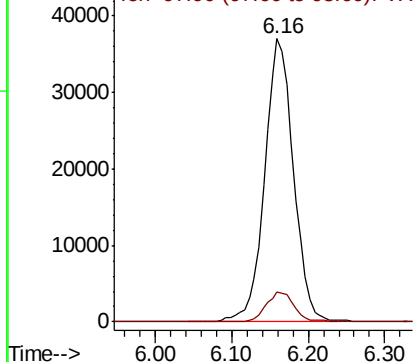


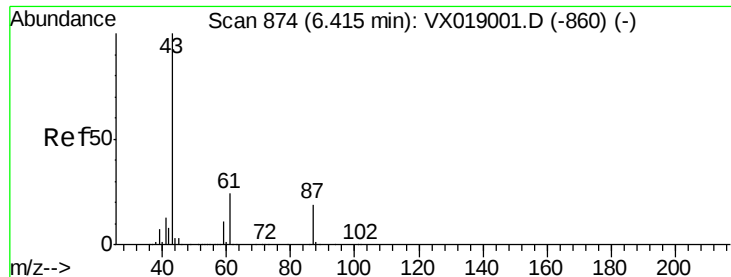
#42
1,2-Dichloroethane
Concen: 16.731 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX019000.D
Acq: 21 Oct 2020 11:10

Tgt Ion:	62	Resp:	97073
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.8



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



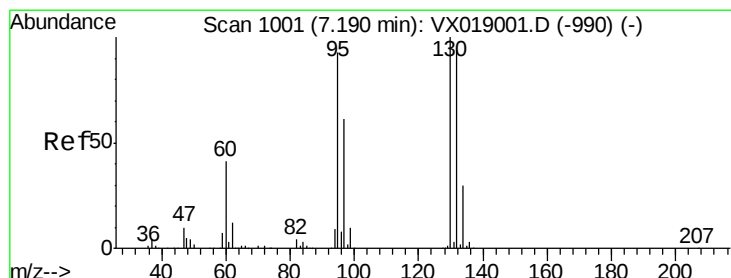
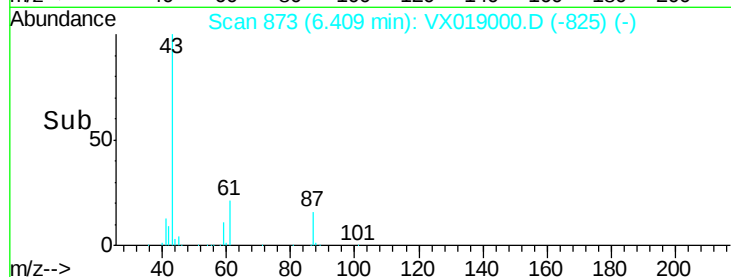
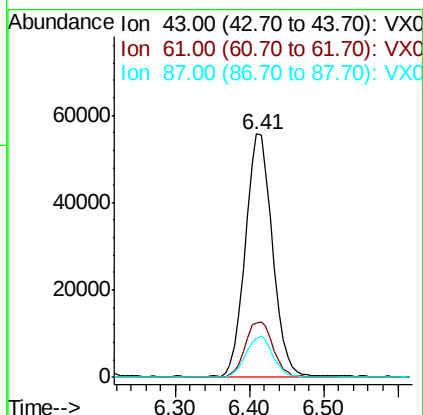
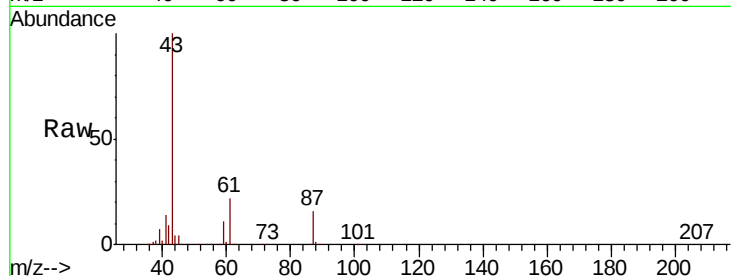


#43

Isopropyl Acetate
 Concen: 15.647 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX019000.D
 Acq: 21 Oct 2020 11:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

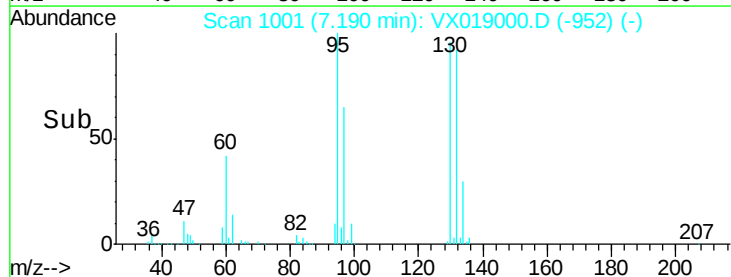
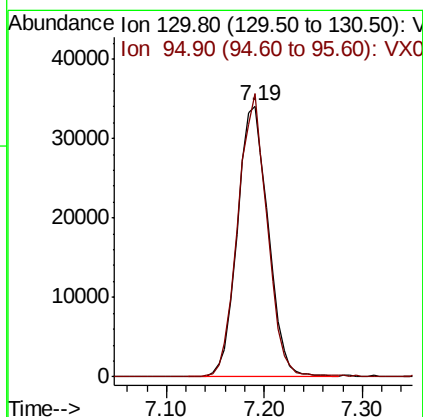
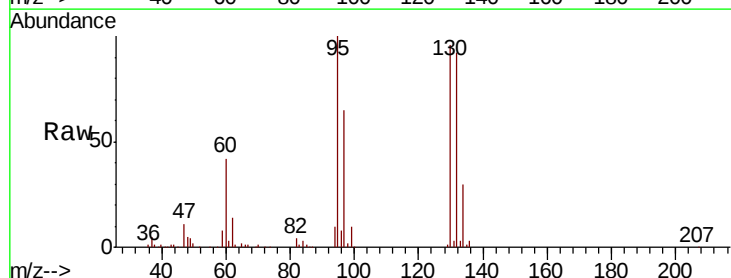
Tot Ion	43	Resp	142014
Ion Ratio	Lower	Upper	
43	100		
61	23.8	19.2	28.8
87	17.0	14.4	21.6

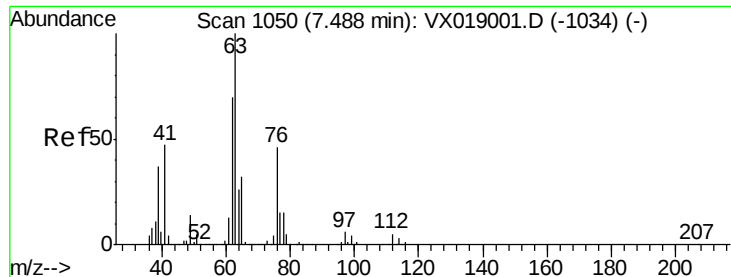


#44

Trichloroethene
 Concen: 17.099 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX019000.D
 Acq: 21 Oct 2020 11:10

Tgt Ion	130	Resp	74568
Ion Ratio	Lower	Upper	
130	100		
95	104.5	0.0	185.2





#45

1,2-Dichloropropane

Concen: 16.720 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX019000.D

Acq: 21 Oct 2020 11:10

Instrument :

MSVOA_N

ClientSampleId :

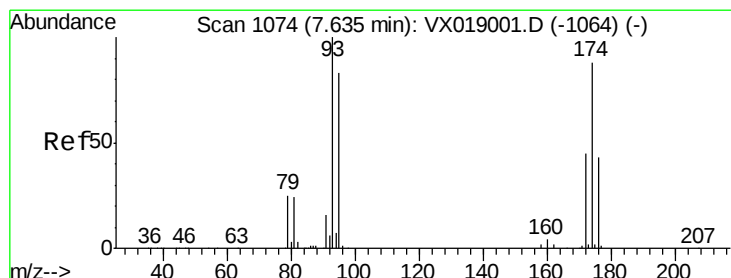
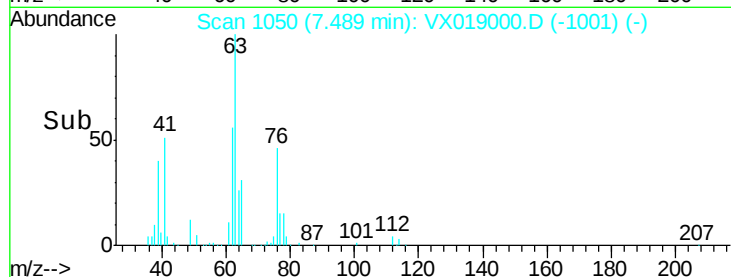
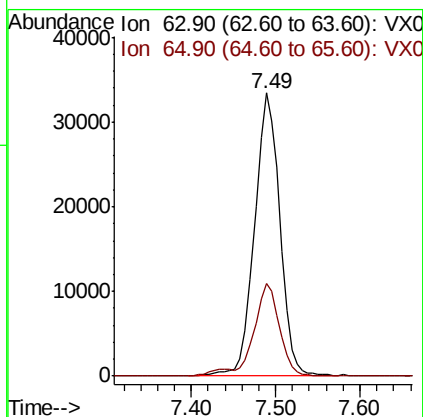
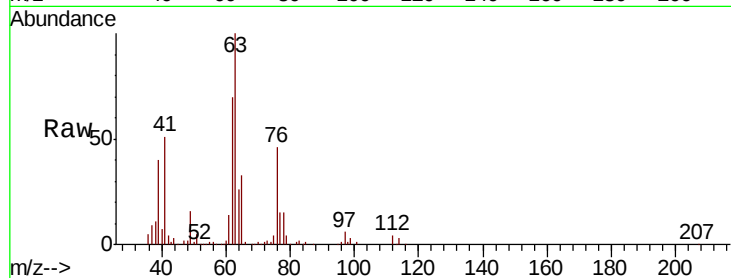
VSTDIC020

Tot Ion: 63 Resp: 68609

Ion Ratio Lower Upper

63 100

65 32.6 25.4 38.0



#46

Dibromomethane

Concen: 17.565 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VX019000.D

Acq: 21 Oct 2020 11:10

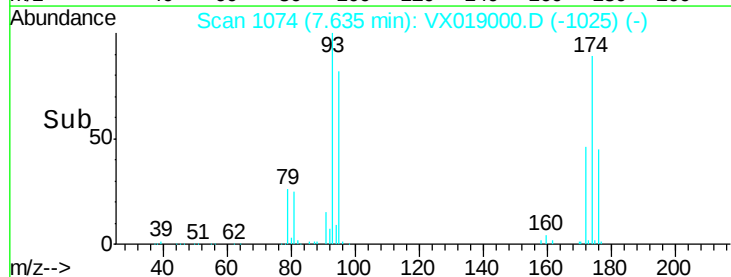
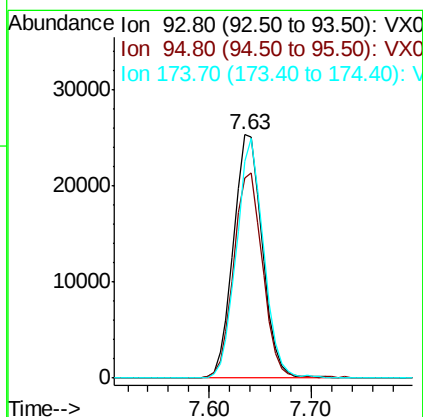
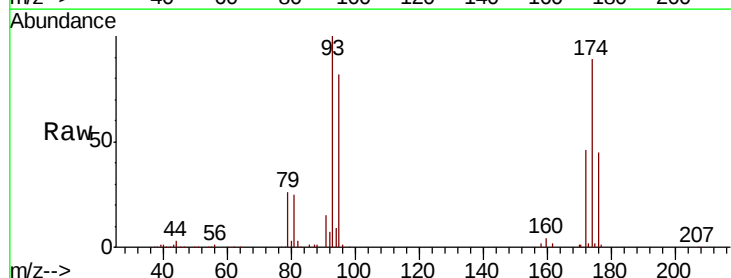
Tgt Ion: 93 Resp: 49872

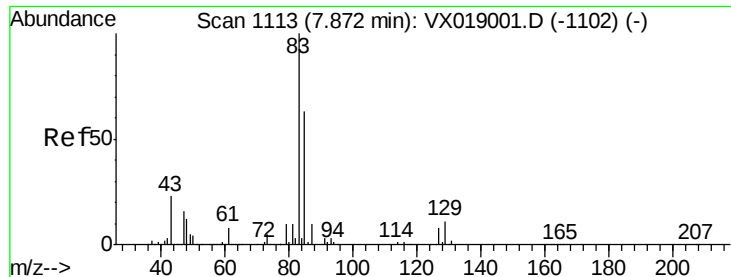
Ion Ratio Lower Upper

93 100

95 84.0 66.8 100.2

174 92.3 76.1 114.1





#47

Bromodichloromethane

Concen: 17.534 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019000.D

Acq: 21 Oct 2020 11:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

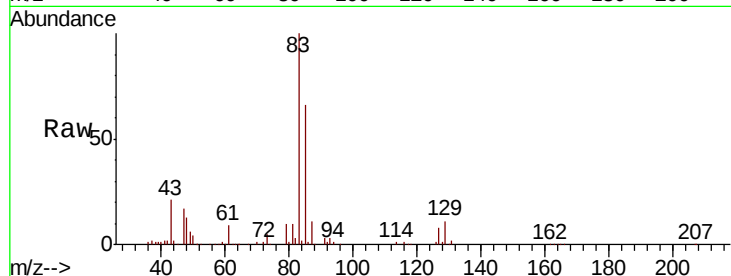
Tot Ion: 83 Resp: 100366

Ion Ratio Lower Upper

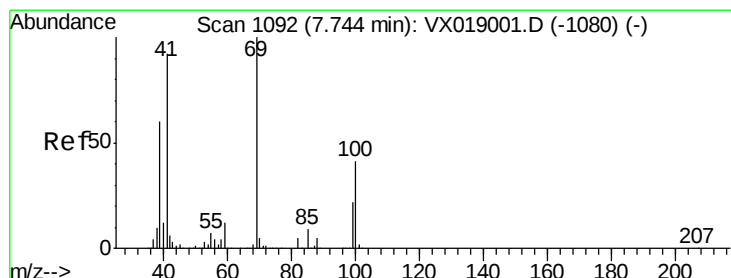
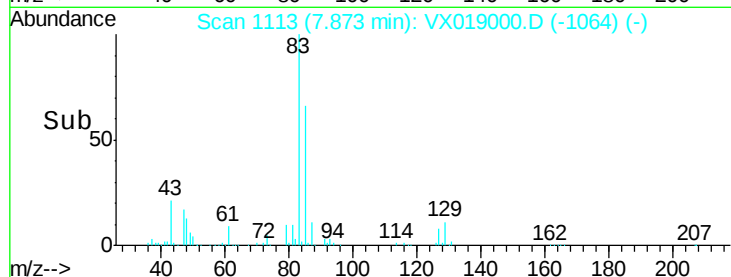
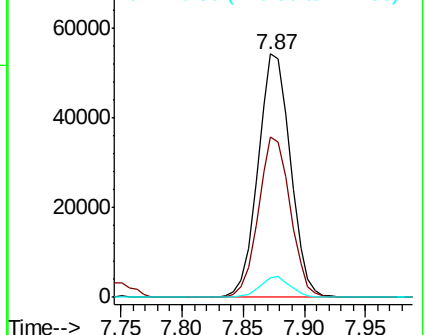
83 100

85 65.7 50.7 76.1

127 8.2 6.2 9.4



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: 15.404 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX019000.D

Acq: 21 Oct 2020 11:10

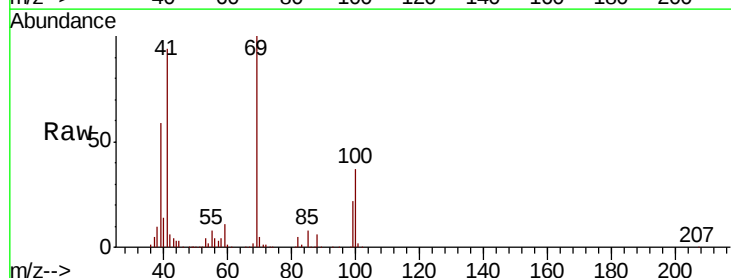
Tgt Ion: 41 Resp: 67470

Ion Ratio Lower Upper

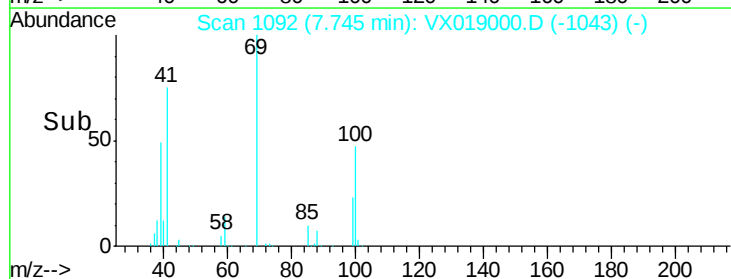
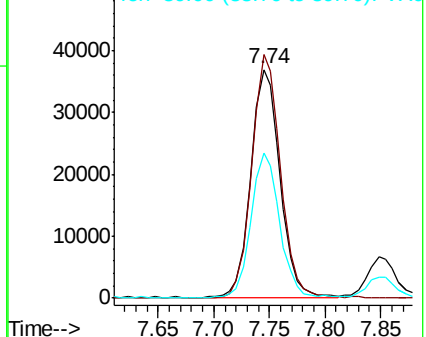
41 100

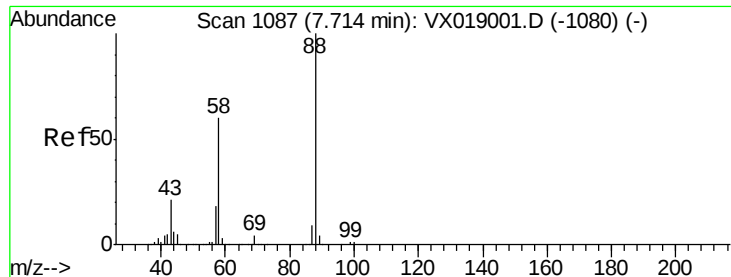
69 105.1 87.8 131.8

39 62.0 50.0 75.0



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

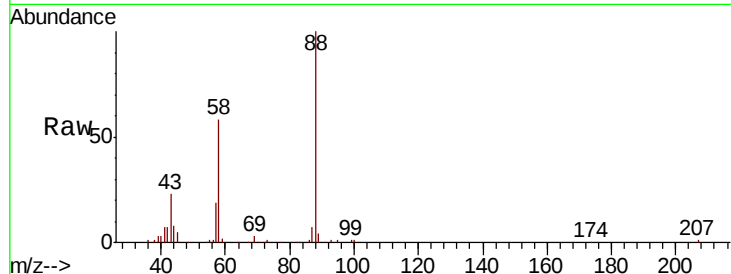




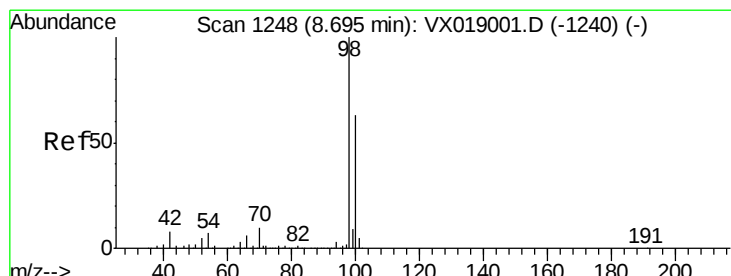
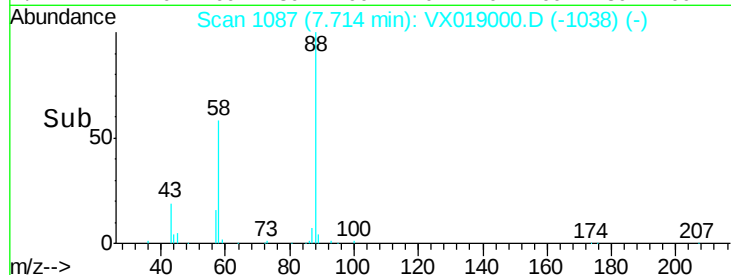
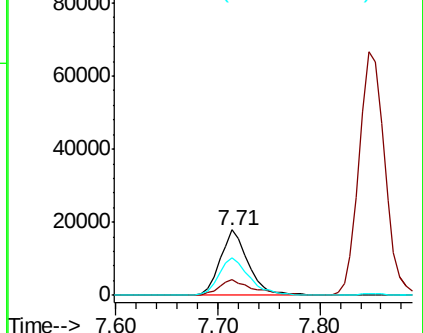
#49
1,4-Dioxane
Concen: 443.139 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX019000.D
Acq: 21 Oct 2020 11:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion: 88 Resp: 34540
Ion Ratio Lower Upper
88 100
43 26.6 20.1 30.1
58 61.9 48.8 73.2

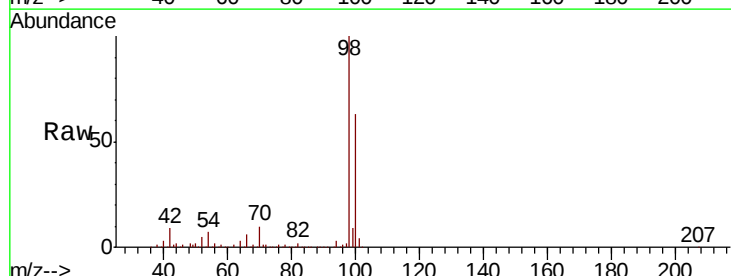


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

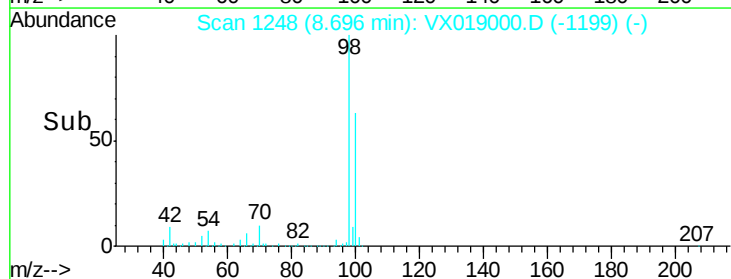
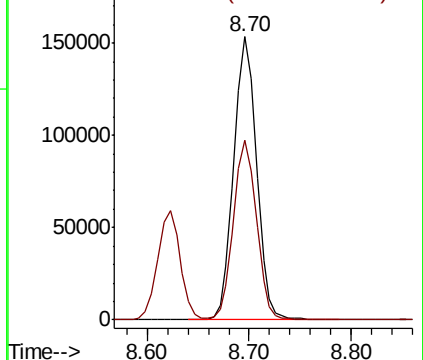


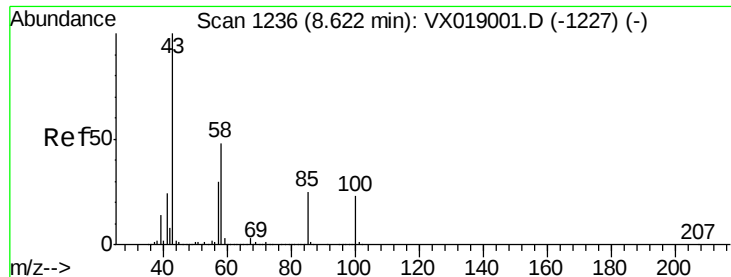
#50
Toluene-d8
Concen: 17.284 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019000.D
Acq: 21 Oct 2020 11:10

Tgt Ion: 98 Resp: 237163
Ion Ratio Lower Upper
98 100
100 64.1 52.5 78.7



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 82.007 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX019000.D

Acq: 21 Oct 2020 11:10

Instrument :

MSVOA_N

ClientSampleId :

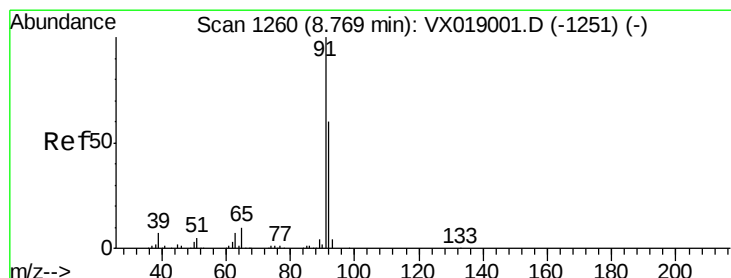
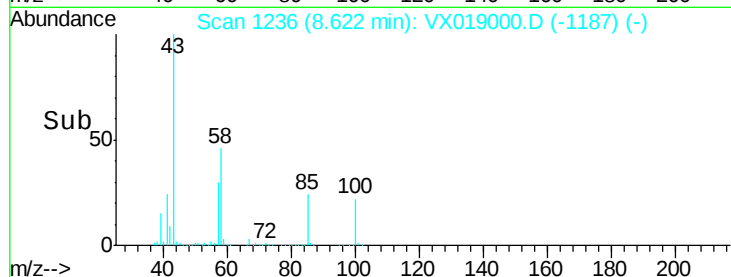
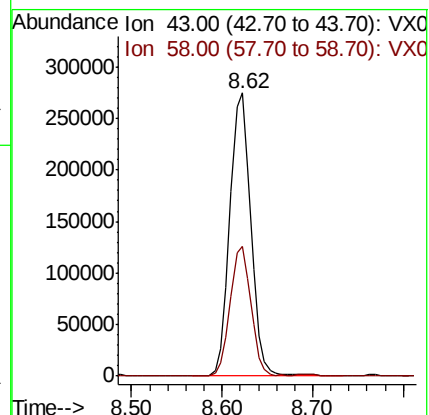
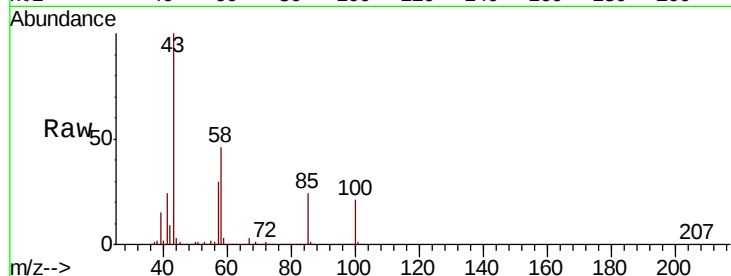
VSTDIC020

Tot Ion: 43 Resp: 443926

Ion Ratio Lower Upper

43 100

58 45.5 37.8 56.6



#52

Toluene

Concen: 19.179 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX019000.D

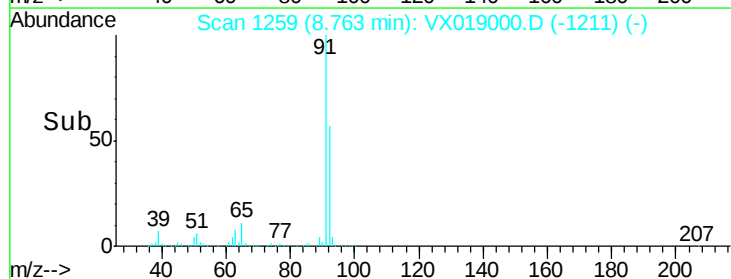
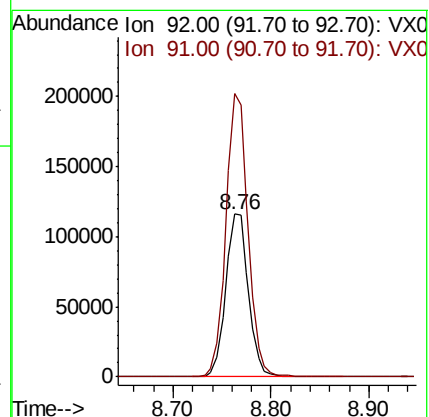
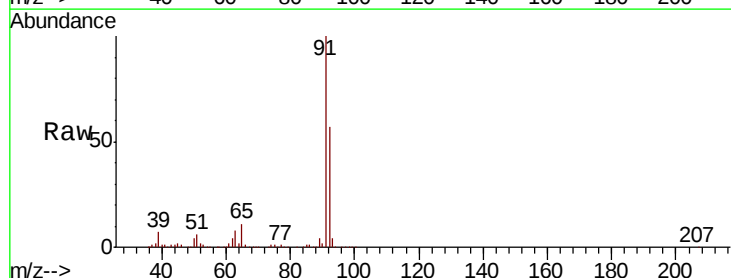
Acq: 21 Oct 2020 11:10

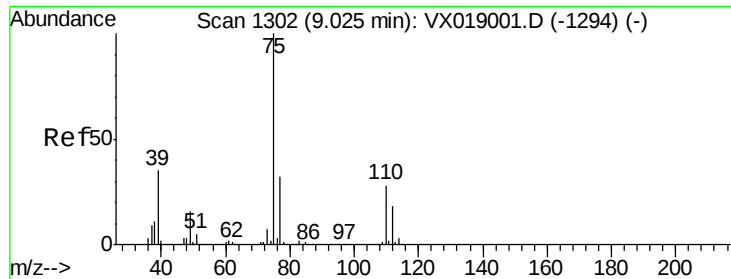
Tgt Ion: 92 Resp: 186152

Ion Ratio Lower Upper

92 100

91 169.9 136.8 205.2

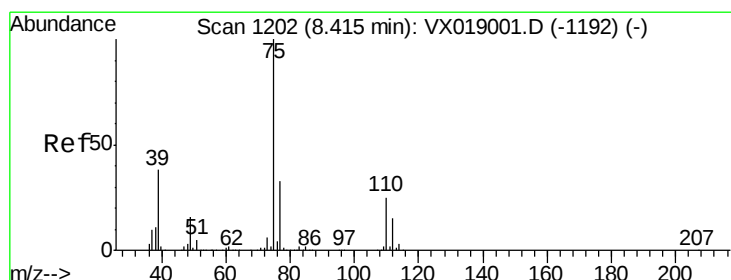
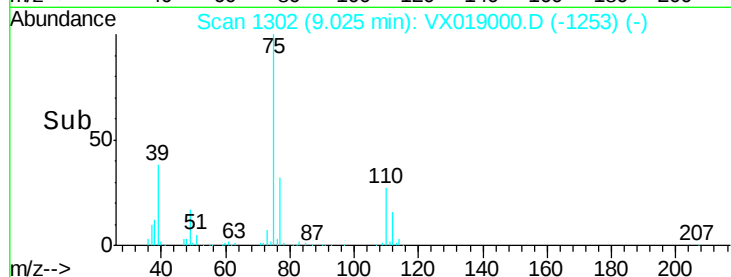
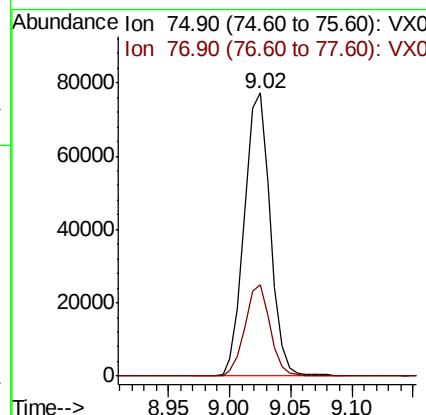
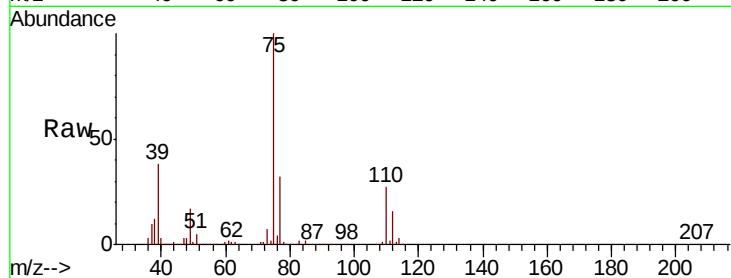




#53
 t-1,3-Dichloropropene
 Concen: 17.331 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: VX019000.D
 Acq: 21 Oct 2020 11:10

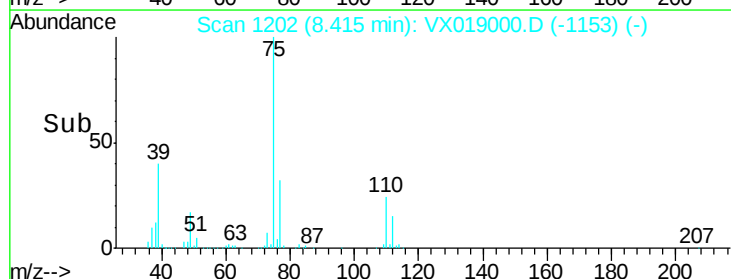
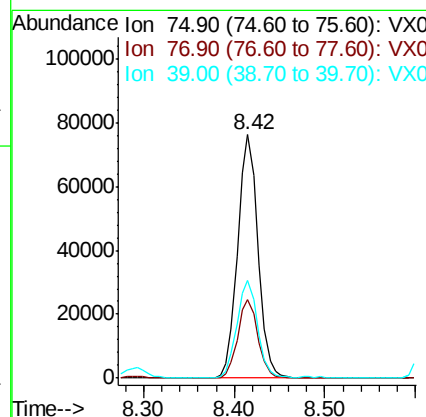
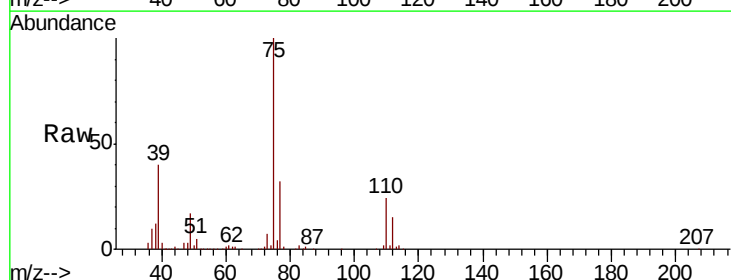
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

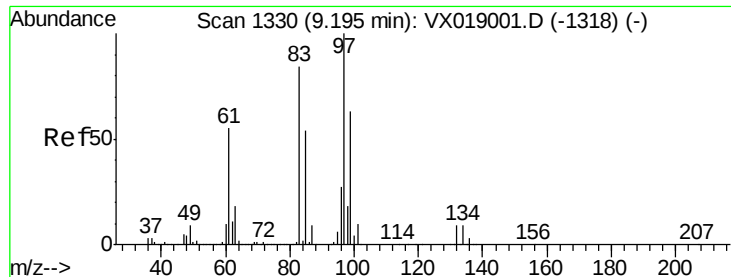
Tot Ion: 75 Resp: 113410
 Ion Ratio Lower Upper
 75 100
 77 32.3 26.0 39.0



#54
 cis-1,3-Dichloropropene
 Concen: 17.687 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX019000.D
 Acq: 21 Oct 2020 11:10

Tgt Ion: 75 Resp: 118618
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.3 39.5
 39 40.1 30.5 45.7

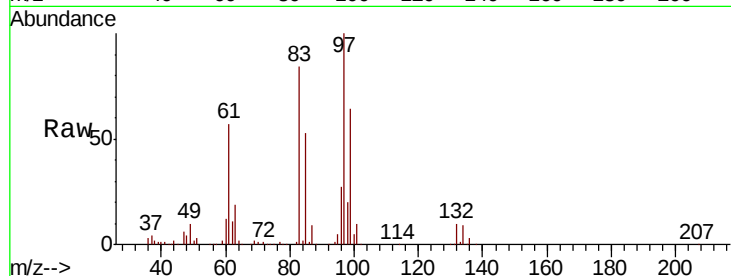




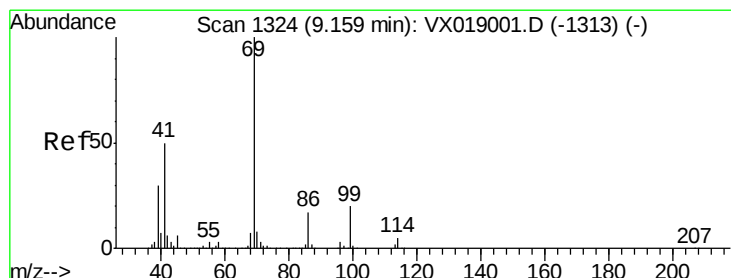
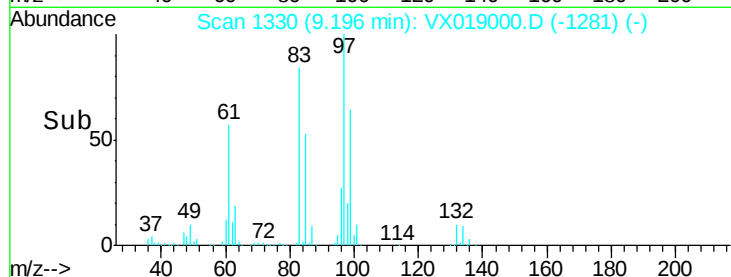
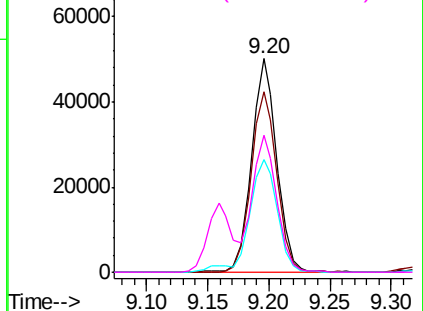
#55
 1,1,2-Trichloroethane
 Concen: 18.136 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019000.D
 Acq: 21 Oct 2020 11:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tot Ion:	97	Resp:	72536
Ion	Ratio	Lower	Upper
97	100		
83	84.2	67.0	100.4
85	52.5	43.4	65.0
99	64.2	50.4	75.6

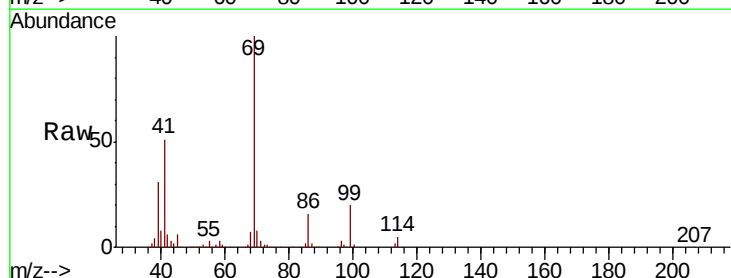


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

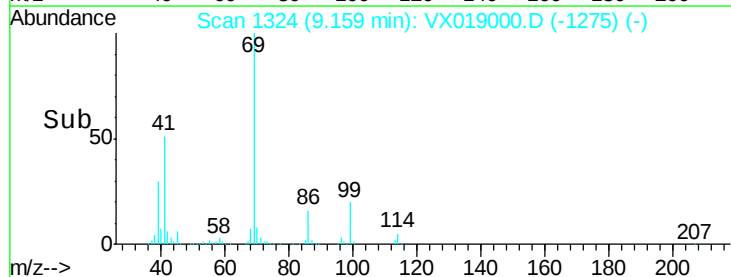
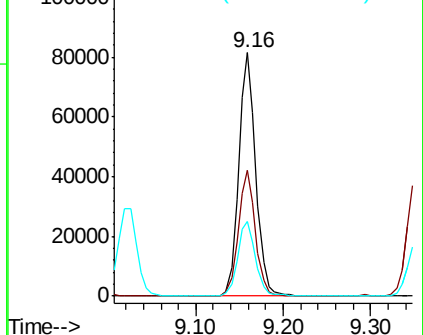


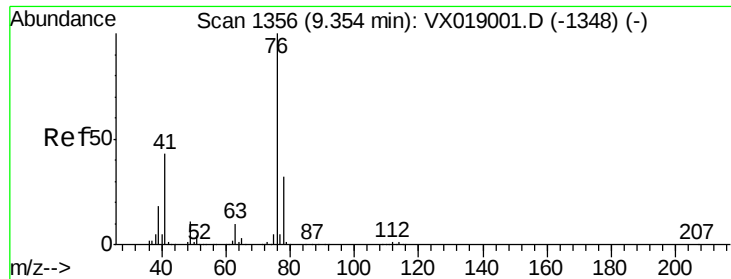
#56
 Ethyl methacrylate
 Concen: 18.786 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX019000.D
 Acq: 21 Oct 2020 11:10

Tgt Ion:	69	Resp:	110682
Ion	Ratio	Lower	Upper
69	100		
41	51.0	40.2	60.4
39	31.8	24.1	36.1



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: 18.596 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX019000.D

Acq: 21 Oct 2020 11:10

Instrument :

MSVOA_N

ClientSampleId :

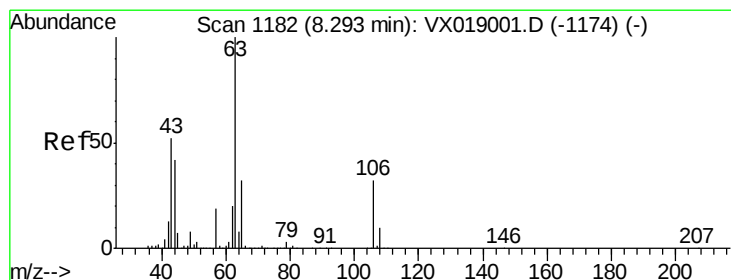
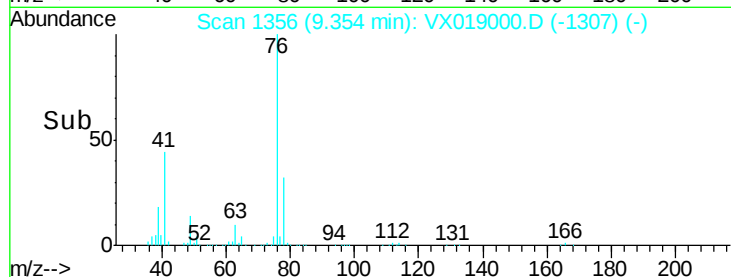
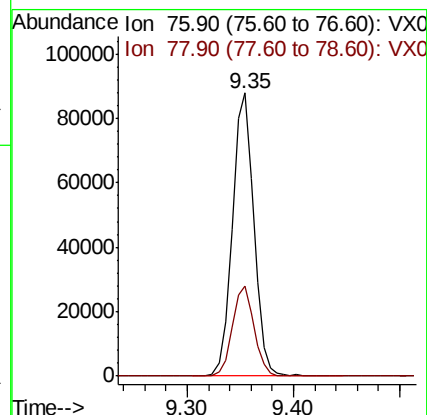
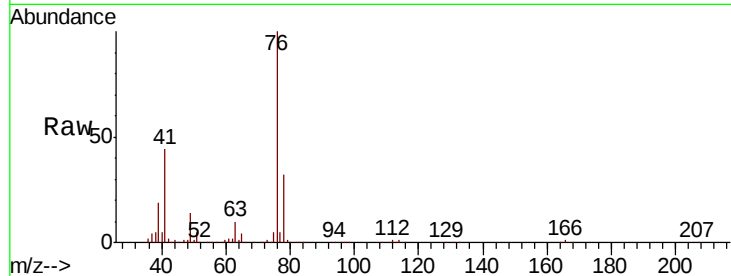
VSTDIC020

Tot Ion: 76 Resp: 124282

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 90.569 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX019000.D

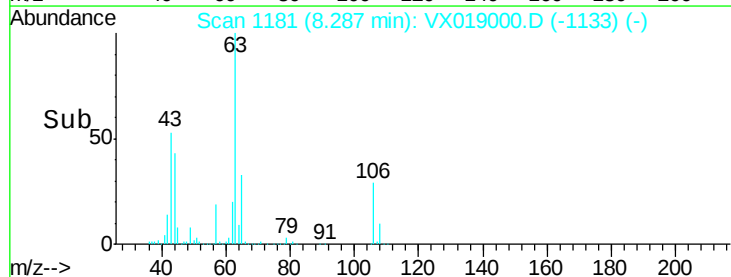
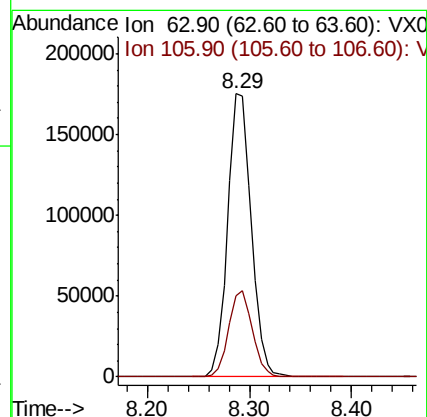
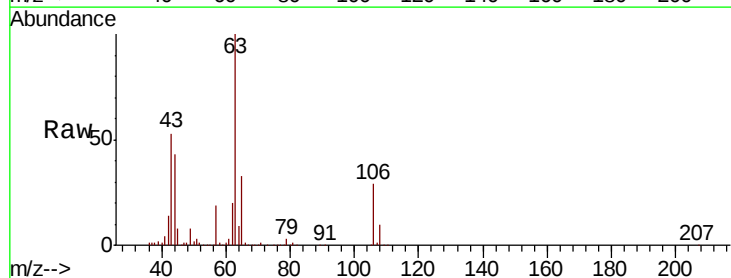
Acq: 21 Oct 2020 11:10

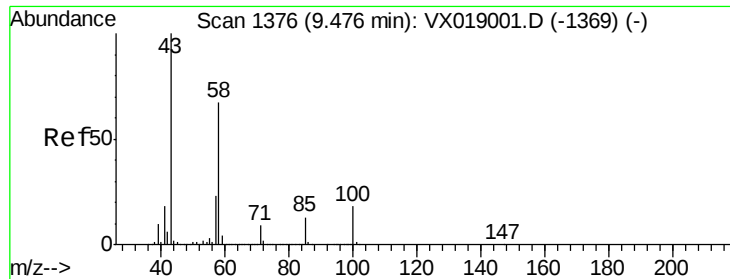
Tgt Ion: 63 Resp: 281930

Ion Ratio Lower Upper

63 100

106 30.4 25.0 37.6

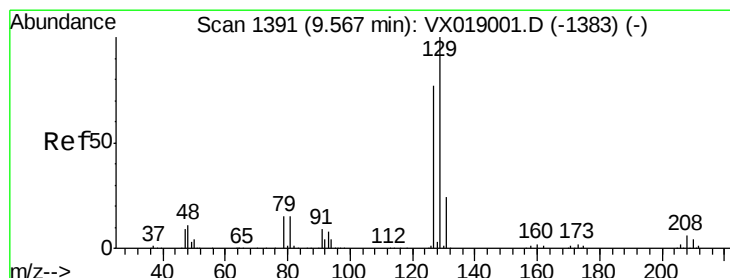
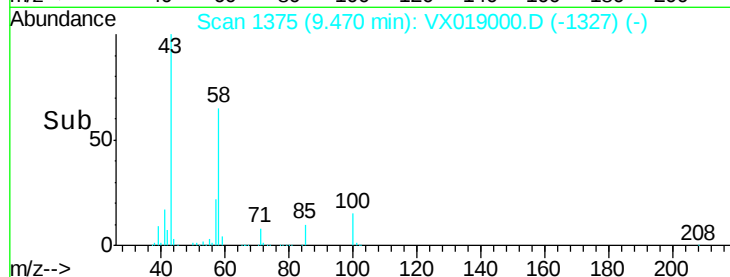
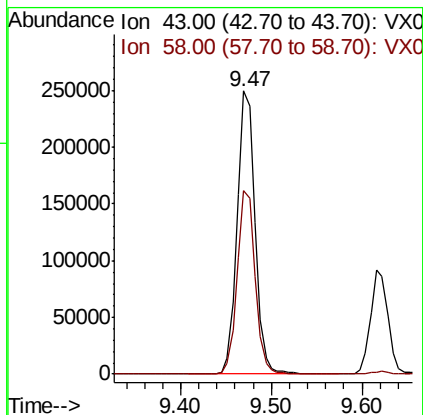
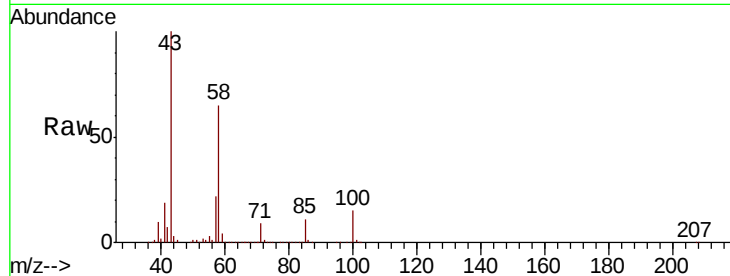




#59
2-Hexanone
Concen: 83.247 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX019000.D
Acq: 21 Oct 2020 11:10

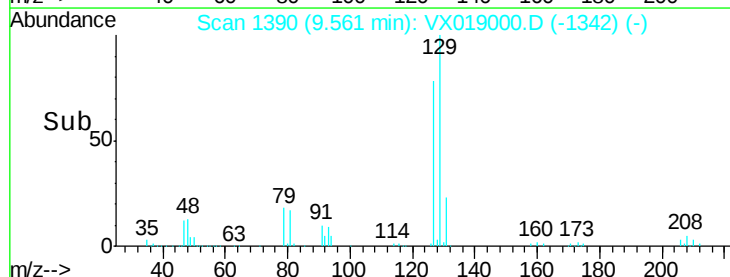
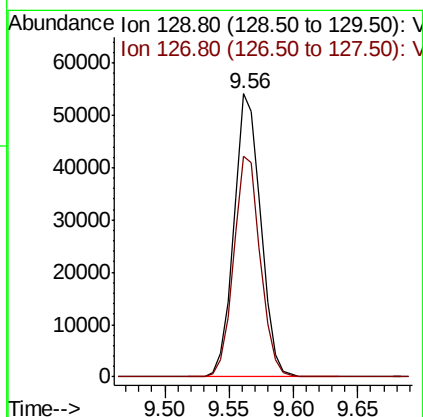
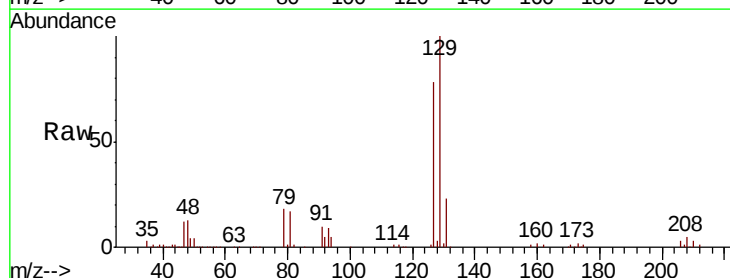
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

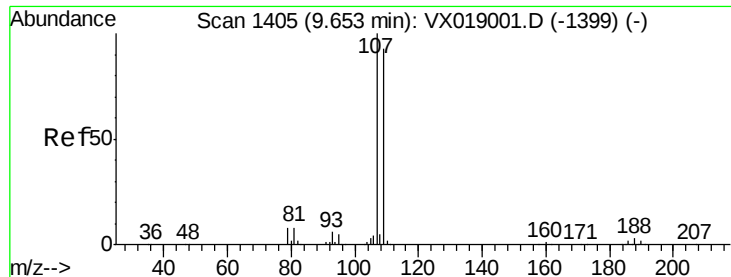
Tot Ion: 43 Resp: 342569
Ion Ratio Lower Upper
43 100
58 65.0 33.0 99.0



#60
Dibromochloromethane
Concen: 16.669 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX019000.D
Acq: 21 Oct 2020 11:10

Tgt Ion: 129 Resp: 78397
Ion Ratio Lower Upper
129 100
127 77.5 38.7 116.1





#61

1,2-Dibromoethane

Concen: 18.452 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019000.D

Acq: 21 Oct 2020 11:10

Instrument :

MSVOA_N

ClientSampleId :

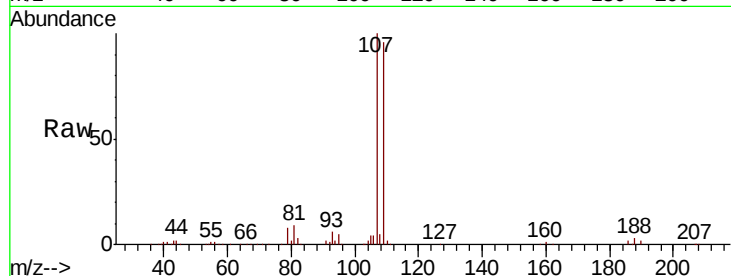
VSTDIC020

Tot Ion:107 Resp: 78551

Ion Ratio Lower Upper

107 100

109 94.2 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

60000

50000

40000

30000

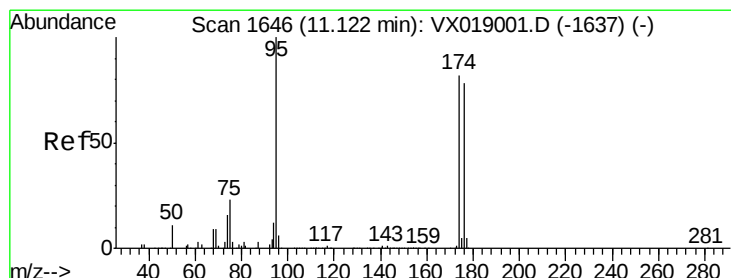
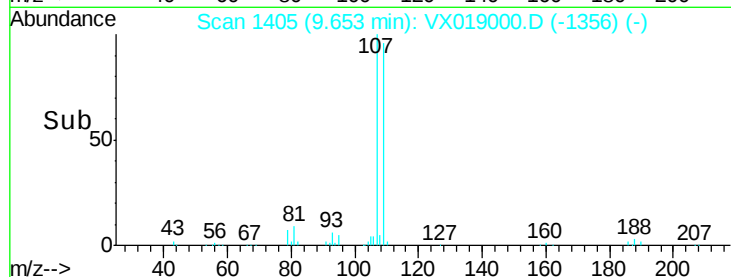
20000

10000

0

9.60 9.70

Time-->



#62

4-Bromofluorobenzene

Concen: 15.014 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019000.D

Acq: 21 Oct 2020 11:10

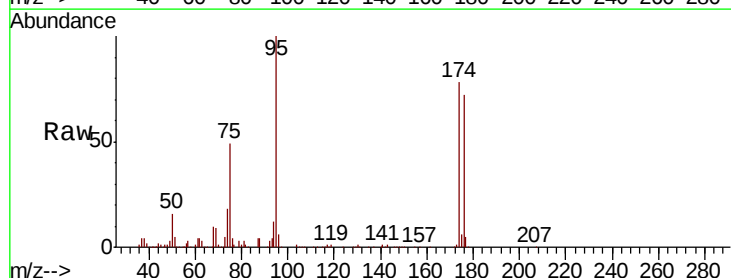
Tgt Ion: 95 Resp: 81047

Ion Ratio Lower Upper

95 100

174 73.9 0.0 158.4

176 70.3 0.0 153.4



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

11.12

80000

60000

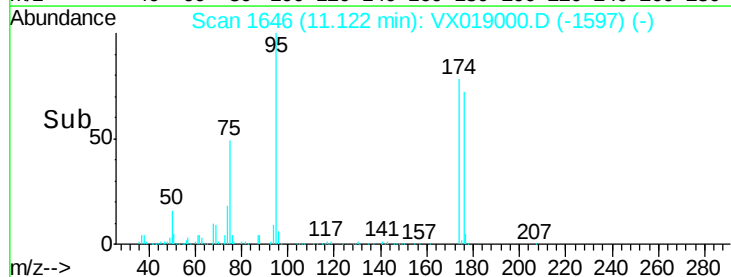
40000

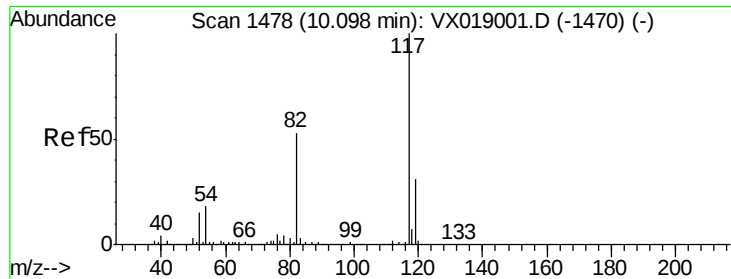
20000

0

11.10 11.20

Time-->

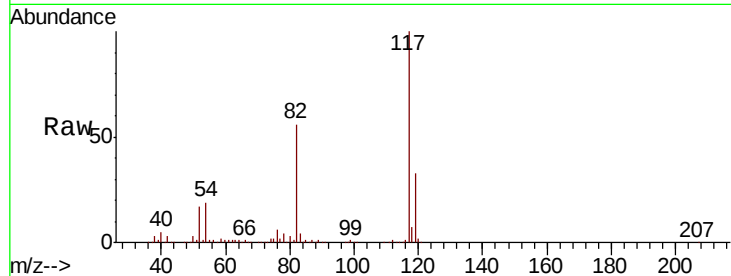




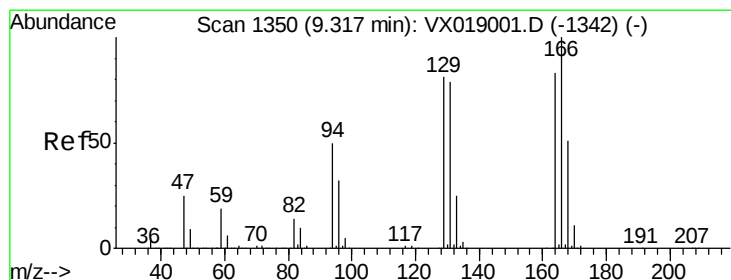
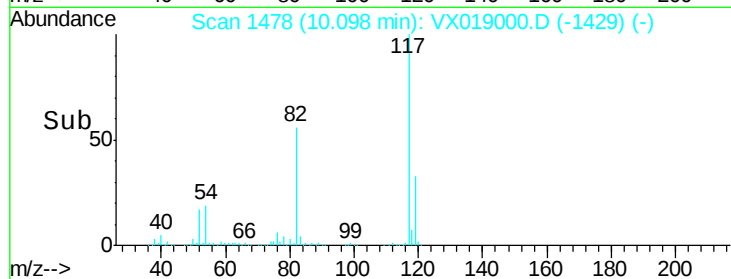
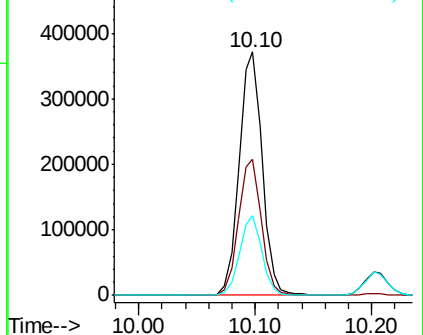
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019000.D
Acq: 21 Oct 2020 11:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion:117 Resp: 511273
Ion Ratio Lower Upper
117 100
82 55.7 42.4 63.6
119 32.8 25.0 37.4

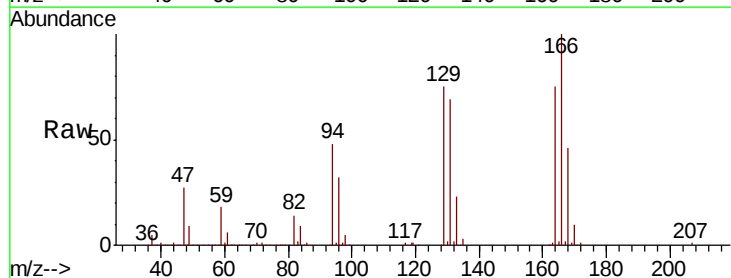


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

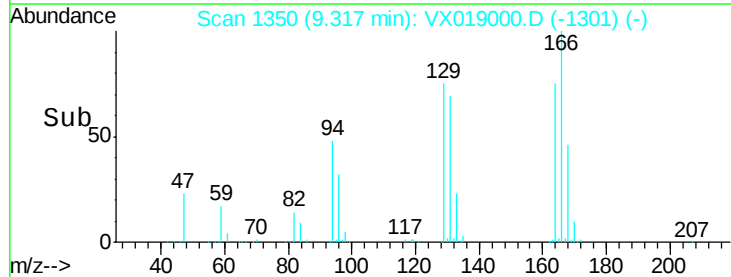
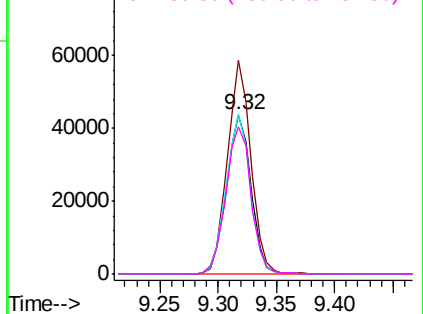


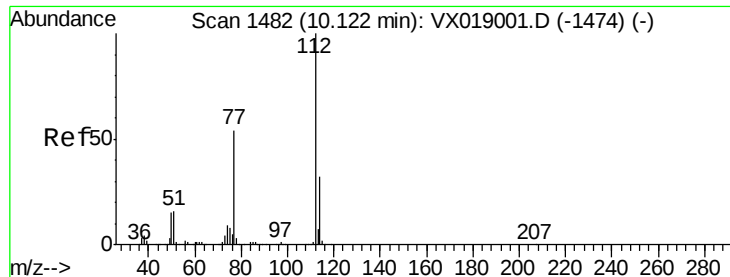
#64
Tetrachloroethene
Concen: 16.206 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019000.D
Acq: 21 Oct 2020 11:10

Tgt Ion:164 Resp: 64038
Ion Ratio Lower Upper
164 100
166 134.2 96.1 144.1
129 100.5 78.2 117.4
131 92.2 75.4 113.2



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: 18.642 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX019000.D

Acq: 21 Oct 2020 11:10

Instrument :

MSVOA_N

ClientSampleId :

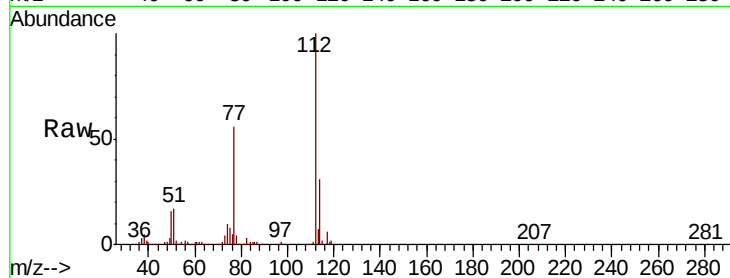
VSTDIC020

Tot Ion:112 Resp: 196648

Ion Ratio Lower Upper

112 100

114 31.2 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

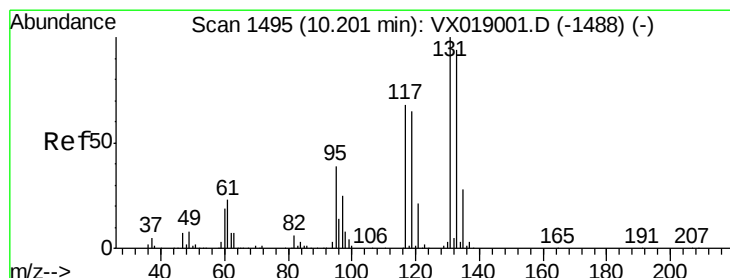
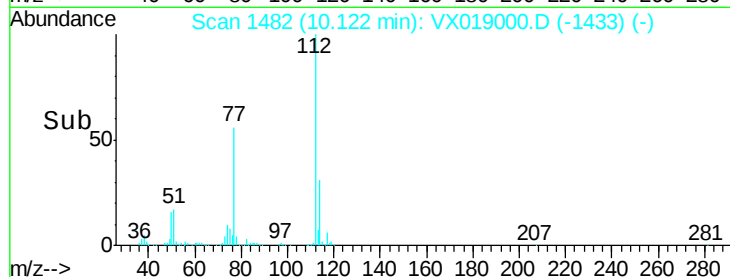
150000

100000

50000

0

Time--> 10.00 10.10 10.20



#66

1,1,1,2-Tetrachloroethane

Concen: 16.830 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX019000.D

Acq: 21 Oct 2020 11:10

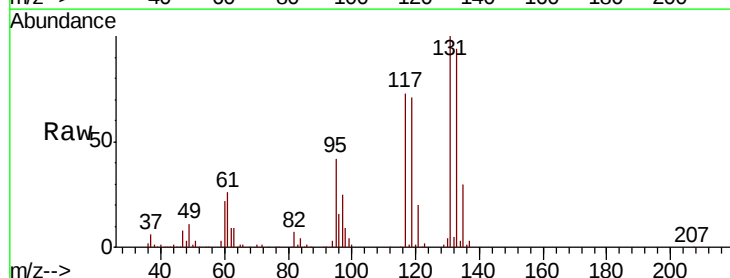
Tgt Ion:131 Resp: 69963

Ion Ratio Lower Upper

131 100

133 94.7 48.6 145.9

119 68.4 33.9 101.6



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.20

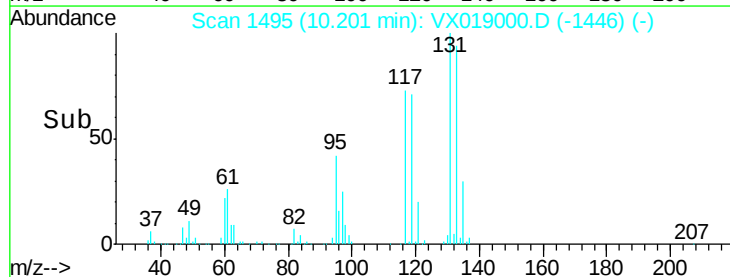
60000

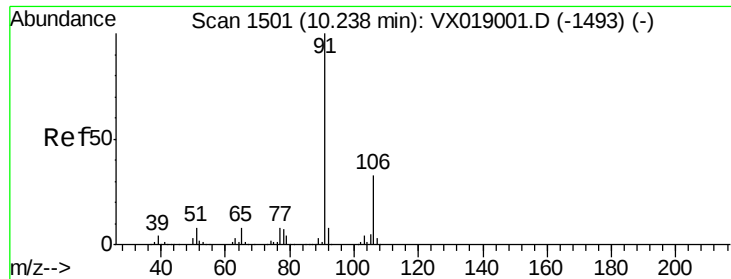
40000

20000

0

Time--> 10.20 10.30

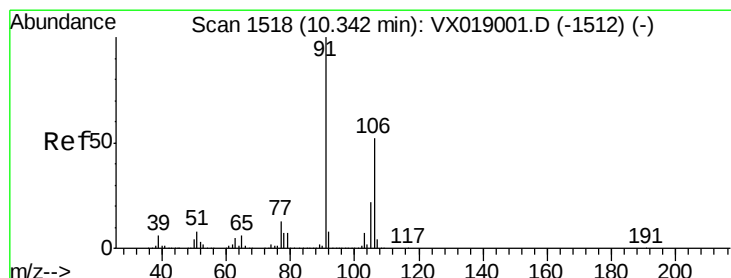
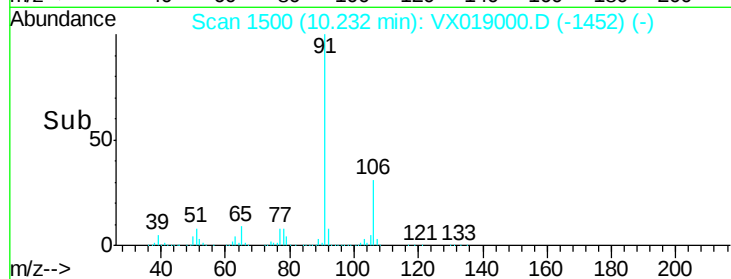
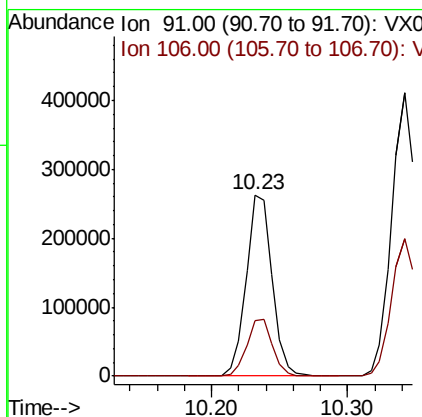
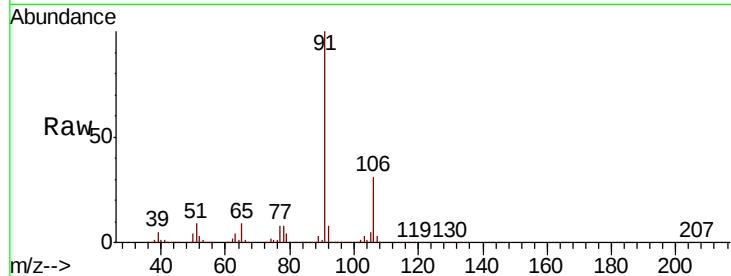




#67
Ethyl Benzene
Concen: 19.279 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX019000.D
Acq: 21 Oct 2020 11:10

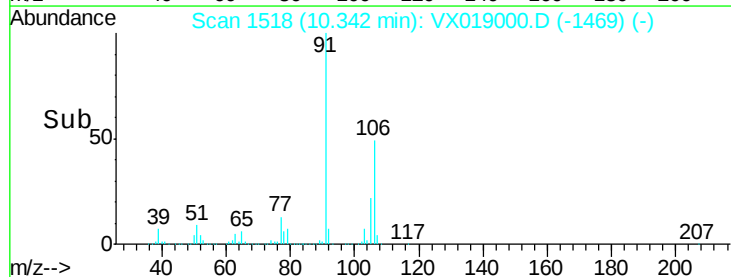
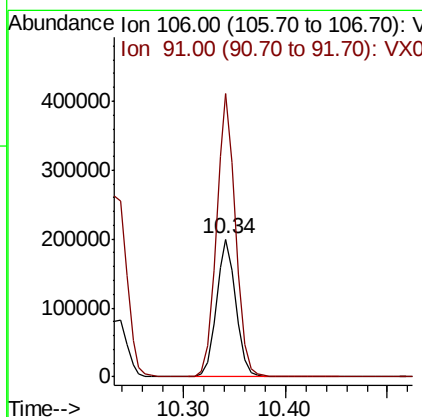
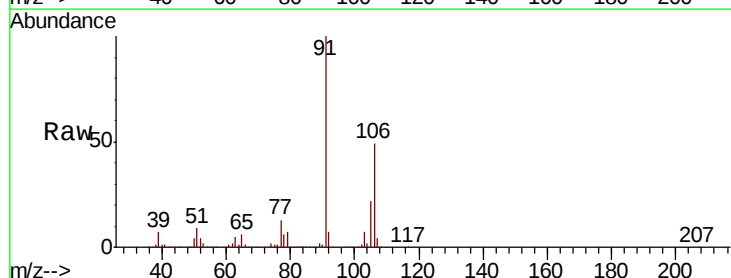
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

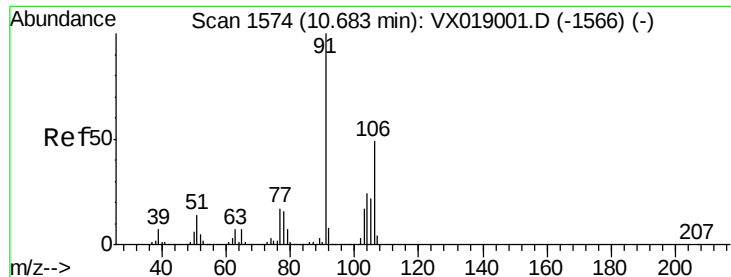
Tot Ion: 91 Resp: 351331
Ion Ratio Lower Upper
91 100
106 30.7 26.7 40.1



#68
m/p-Xylenes
Concen: 38.125 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019000.D
Acq: 21 Oct 2020 11:10

Tgt Ion: 106 Resp: 265926
Ion Ratio Lower Upper
106 100
91 202.3 155.9 233.9

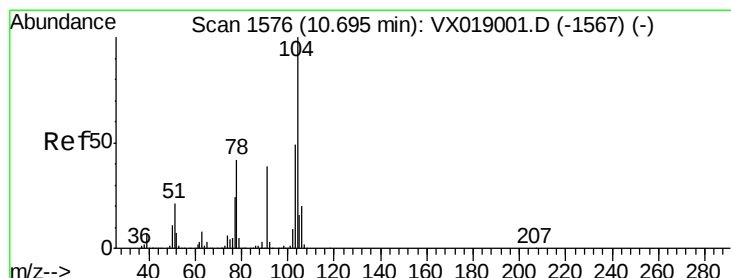
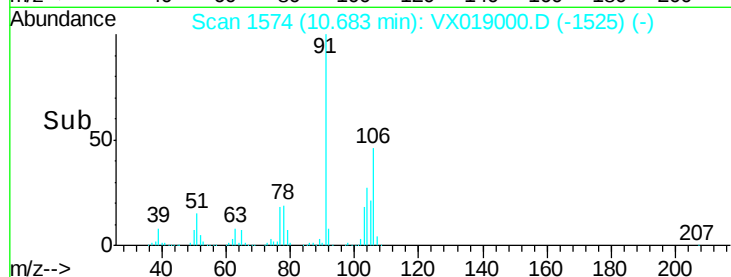
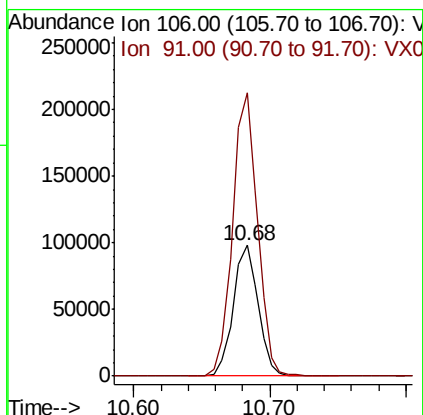
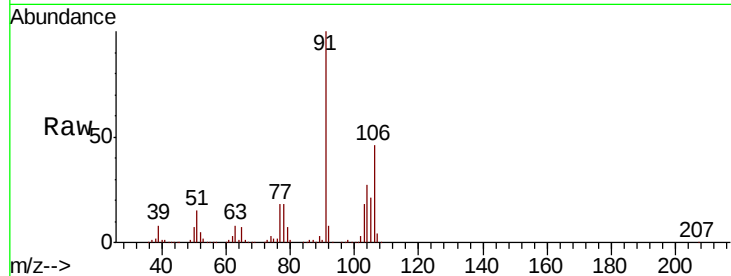




#69
o-Xylene
Concen: 18.940 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019000.D
Acq: 21 Oct 2020 11:10

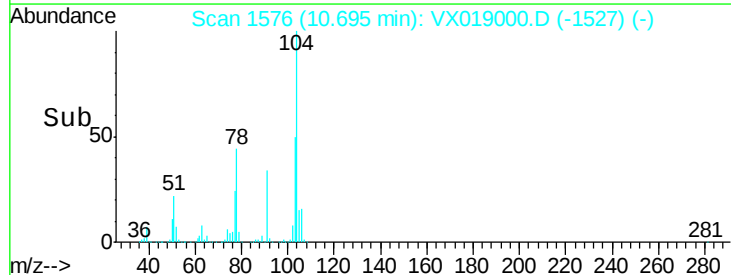
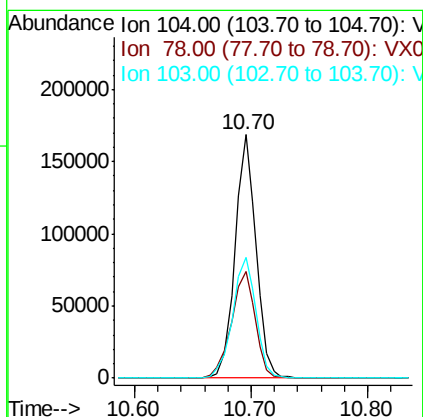
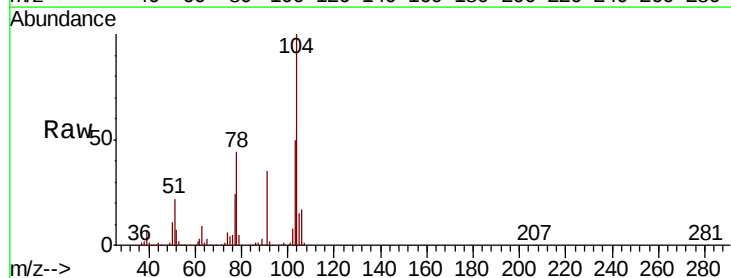
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

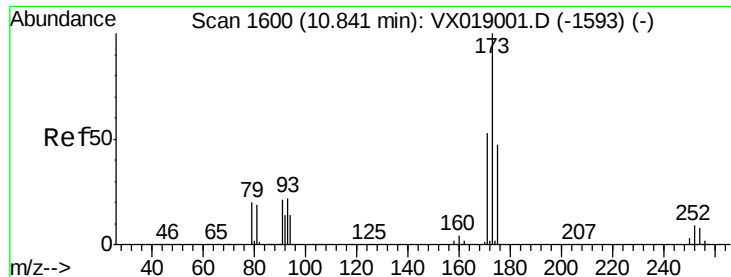
Tot Ion:106 Resp: 124574
Ion Ratio Lower Upper
106 100
91 216.8 104.1 312.2



#70
Styrene
Concen: 18.814 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019000.D
Acq: 21 Oct 2020 11:10

Tgt Ion:104 Resp: 212553
Ion Ratio Lower Upper
104 100
78 49.7 37.3 55.9
103 55.4 43.0 64.6





#71

Bromoform

Concen: 14.758 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019000.D

Acq: 21 Oct 2020 11:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

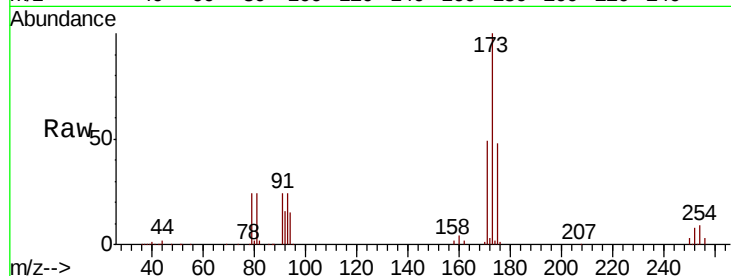
Tot Ion:173 Resp: 51268

Ion Ratio Lower Upper

173 100

175 48.0 23.8 71.2

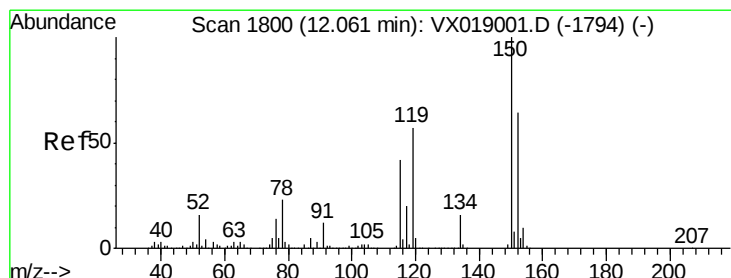
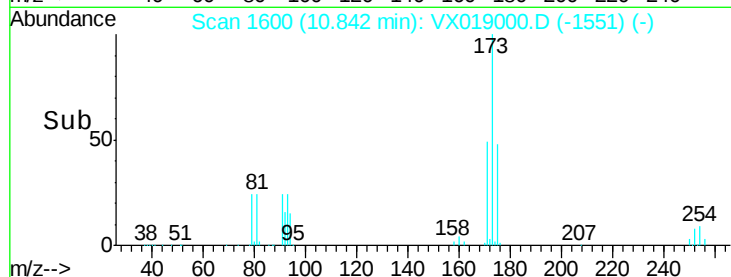
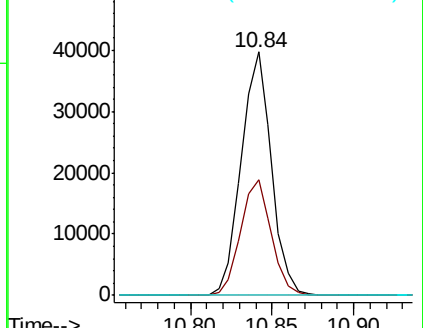
254 0.0 0.1 0.1#



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: VX019000.D

Acq: 21 Oct 2020 11:10

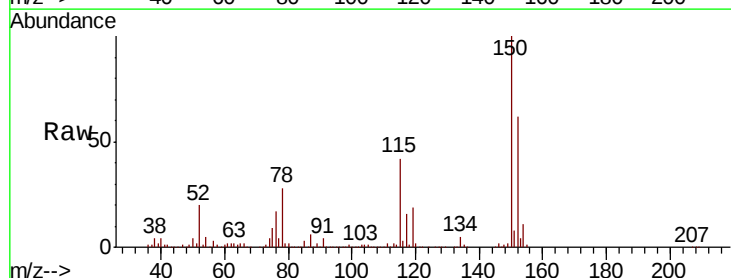
Tgt Ion:152 Resp: 232102

Ion Ratio Lower Upper

152 100

115 71.5 41.1 123.4

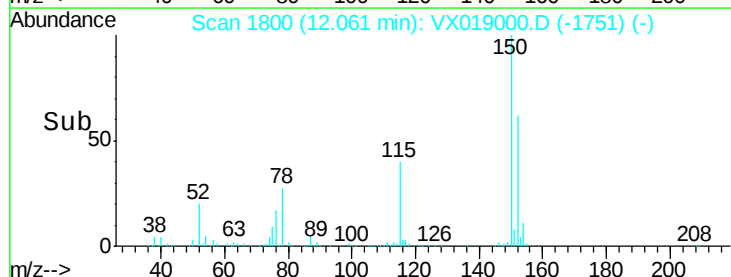
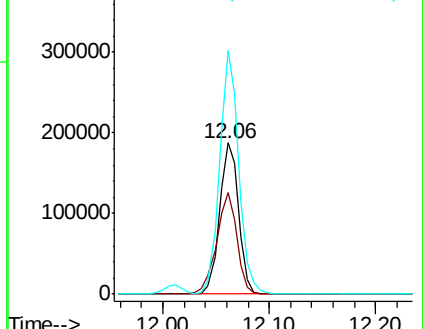
150 161.6 0.0 356.4

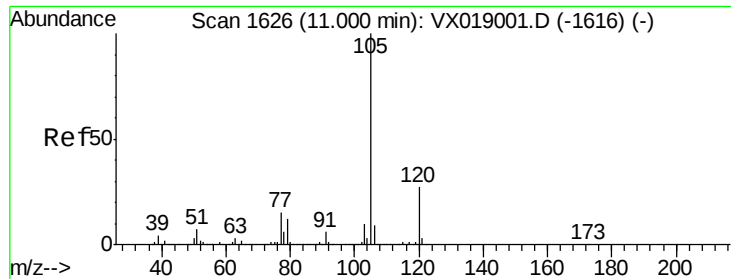


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.788 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019000.D

Acq: 21 Oct 2020 11:10

Instrument :

MSVOA_N

ClientSampleId :

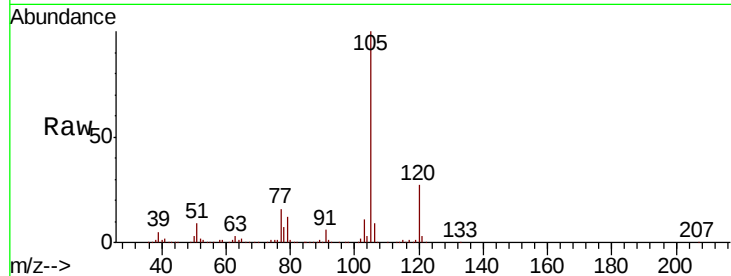
VSTDIC020

Tot Ion:105 Resp: 339745

Ion Ratio Lower Upper

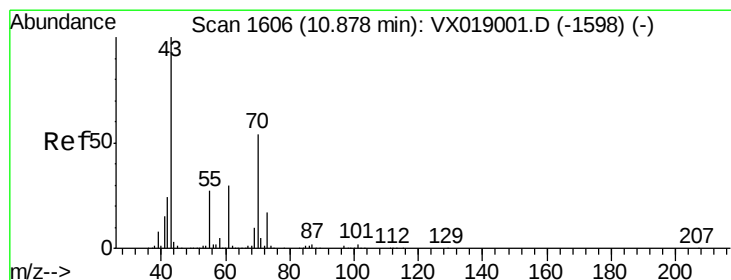
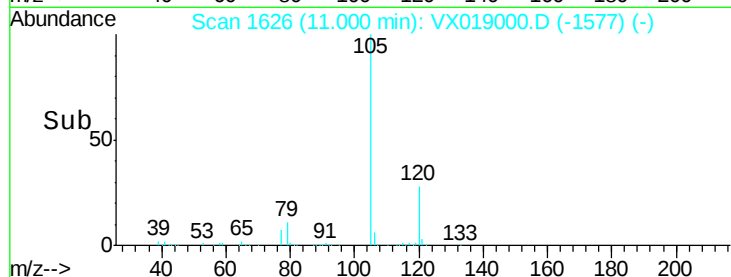
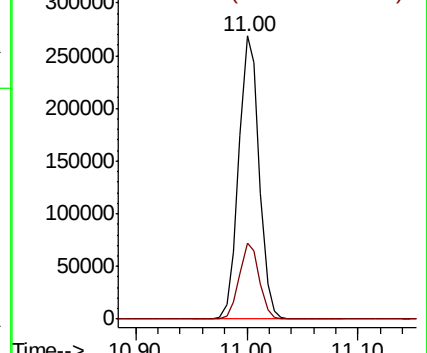
105 100

120 26.5 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.923 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019000.D

Acq: 21 Oct 2020 11:10

Tgt Ion: 43 Resp: 118862

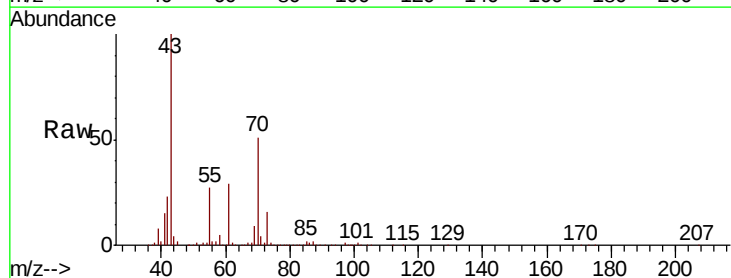
Ion Ratio Lower Upper

43 100

70 54.2 45.3 67.9

55 27.3 21.7 32.5

61 29.3 24.2 36.4

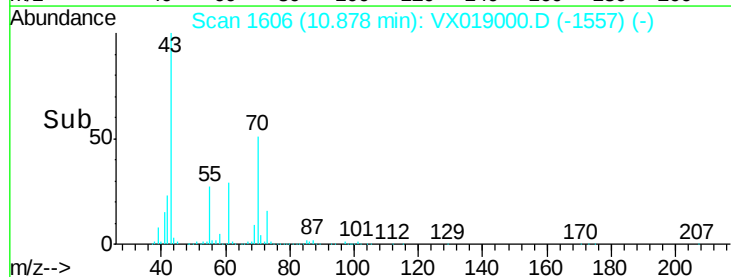
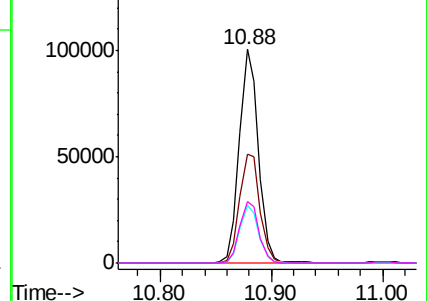


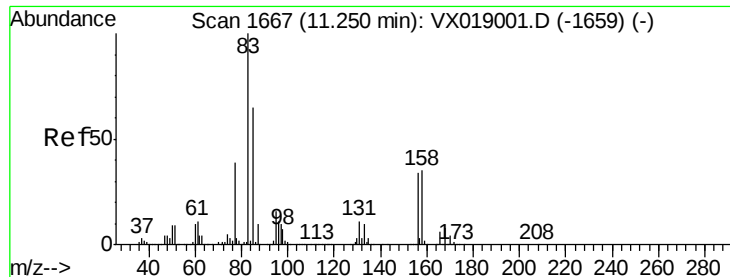
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 20.676 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019000.D

Acq: 21 Oct 2020 11:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

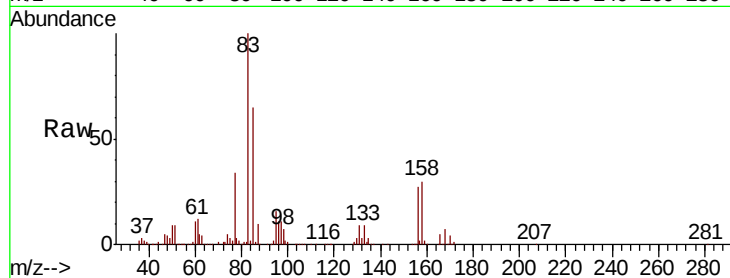
Tot Ion: 83 Resp: 105694

Ion Ratio Lower Upper

83 100

131 9.9 5.5 16.4

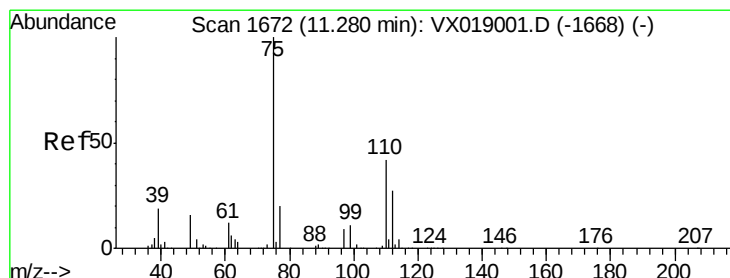
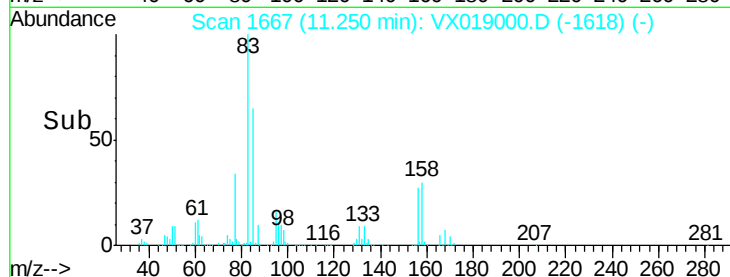
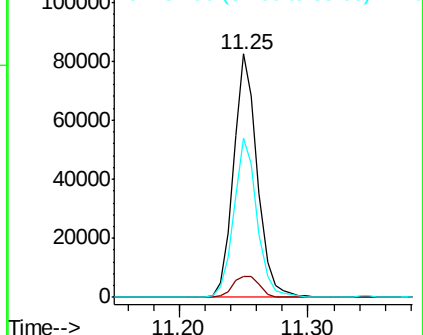
85 64.3 32.6 97.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.648 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019000.D

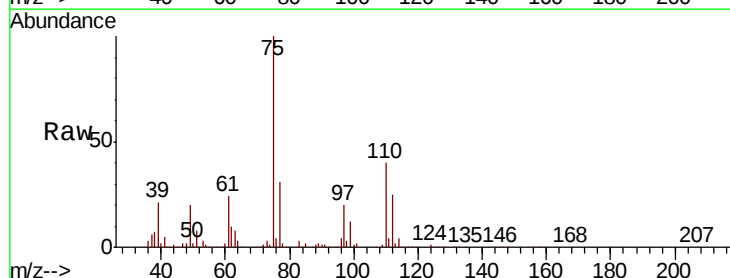
Acq: 21 Oct 2020 11:10

Tgt Ion: 75 Resp: 128525

Ion Ratio Lower Upper

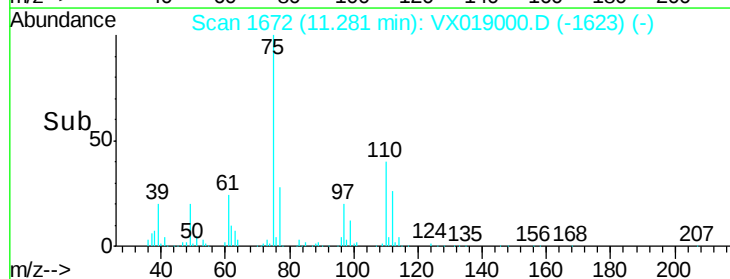
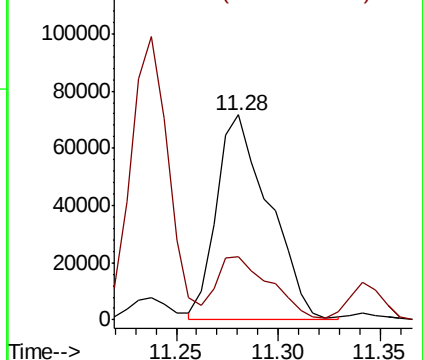
75 100

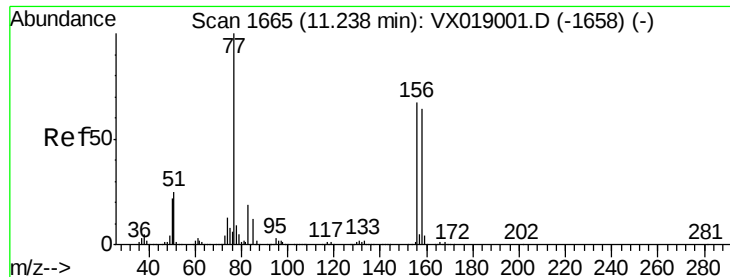
77 31.2 20.6 61.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.244 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019000.D

Acq: 21 Oct 2020 11:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

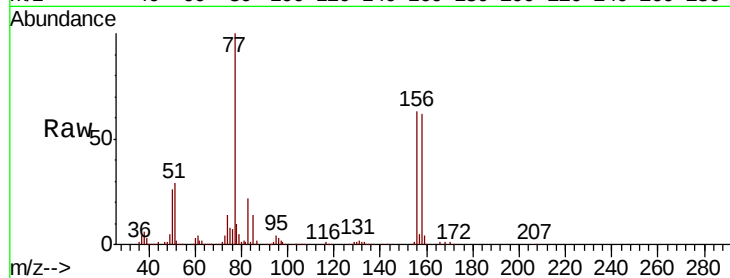
Tot Ion:156 Resp: 77492

Ion Ratio Lower Upper

156 100

77 164.6 74.0 221.9

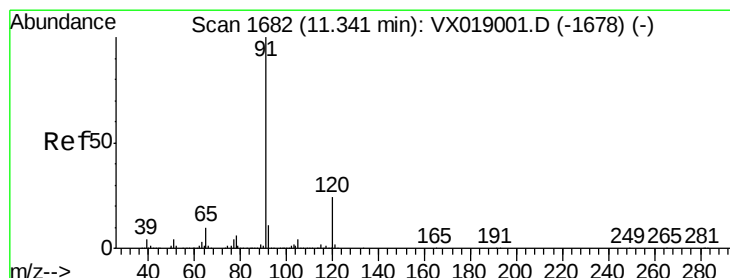
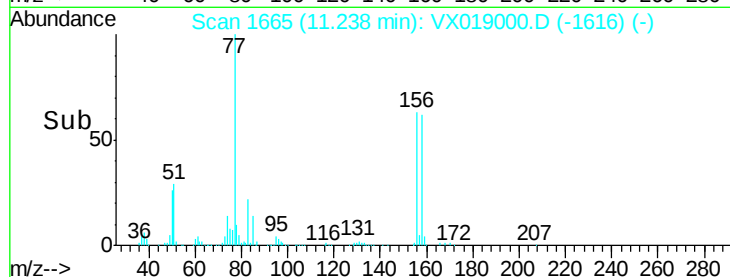
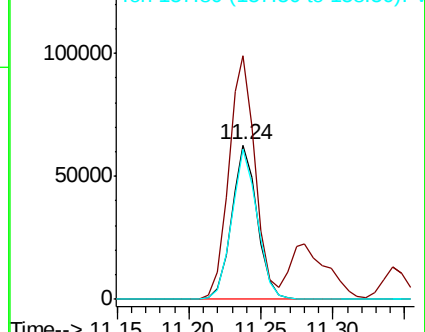
158 97.9 48.2 144.6



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: 21.389 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019000.D

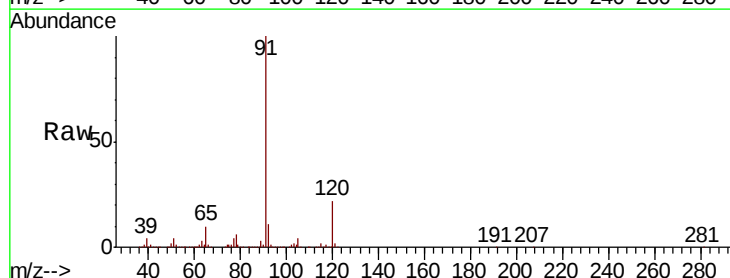
Acq: 21 Oct 2020 11:10

Tgt Ion: 91 Resp: 386382

Ion Ratio Lower Upper

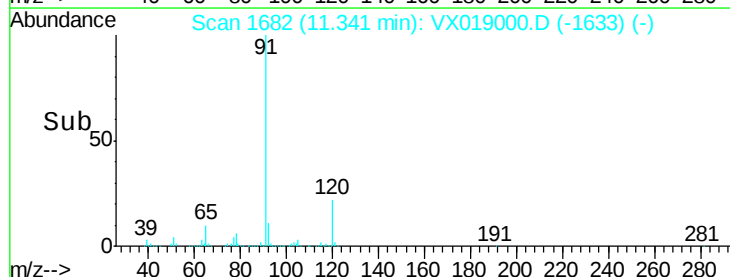
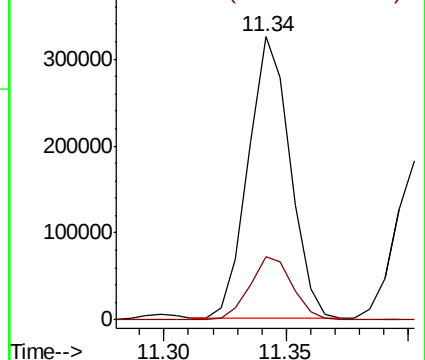
91 100

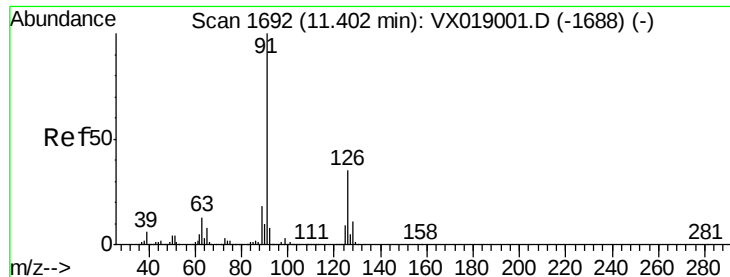
120 22.9 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

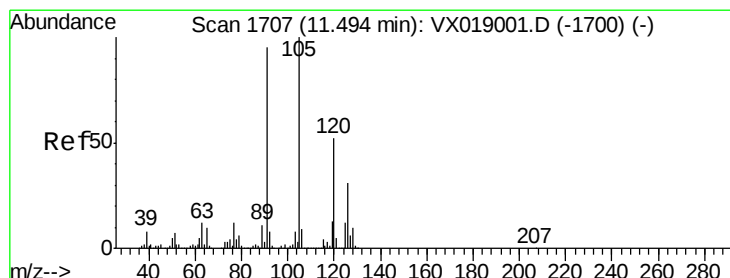
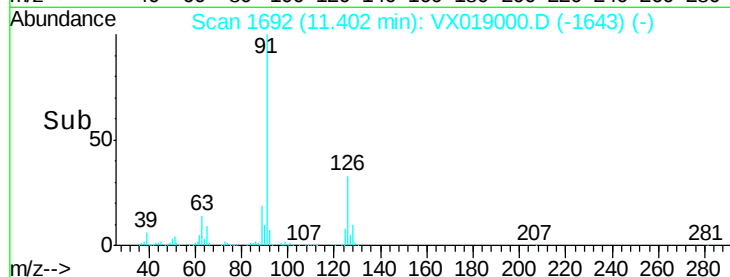
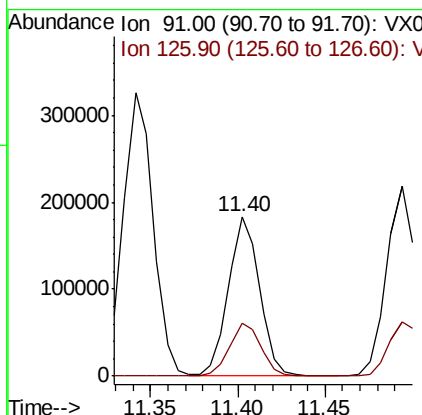
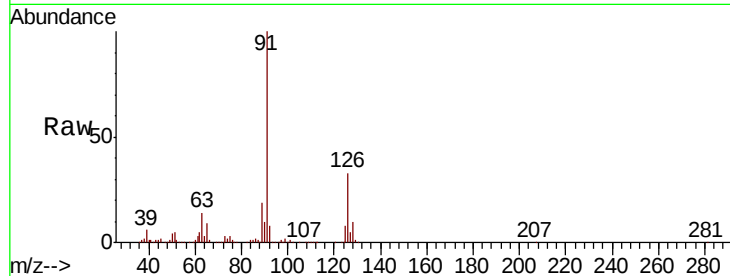




#79
 2-Chlorotoluene
 Concen: 20.688 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX019000.D
 Acq: 21 Oct 2020 11:10

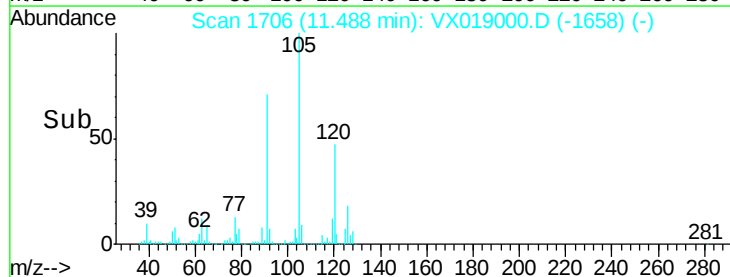
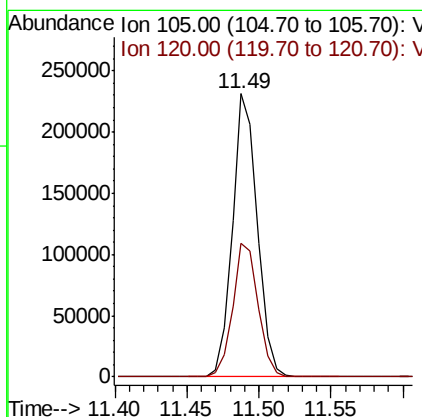
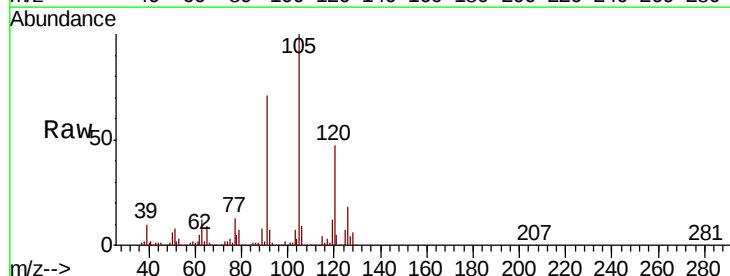
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC020

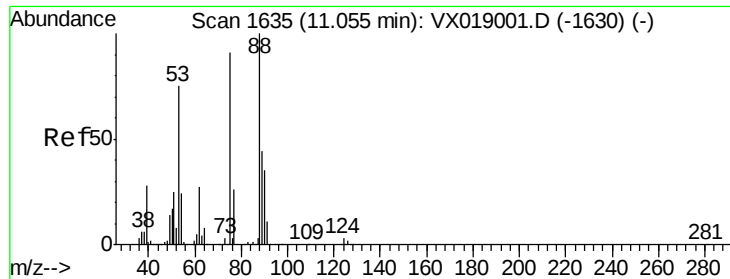
Tot Ion: 91 Resp: 225564
 Ion Ratio Lower Upper
 91 100
 126 34.0 18.0 54.0



#80
 1,3,5-Trimethylbenzene
 Concen: 21.037 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX019000.D
 Acq: 21 Oct 2020 11:10

Tgt Ion: 105 Resp: 278992
 Ion Ratio Lower Upper
 105 100
 120 48.1 25.4 76.4

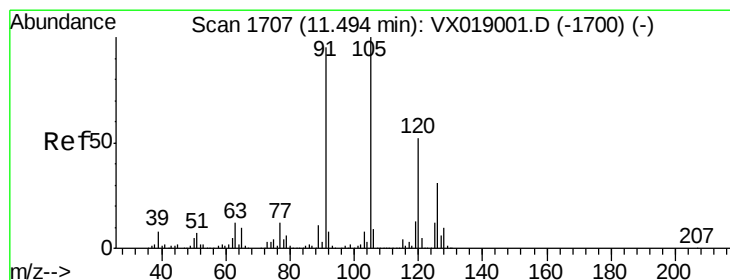
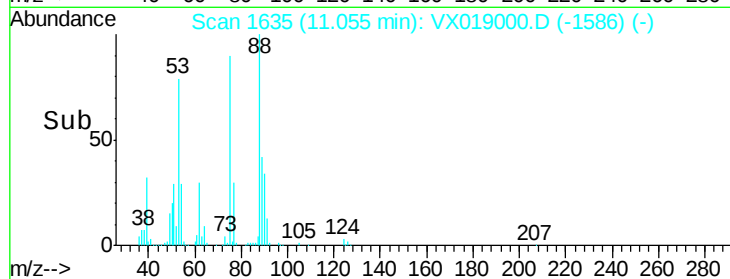
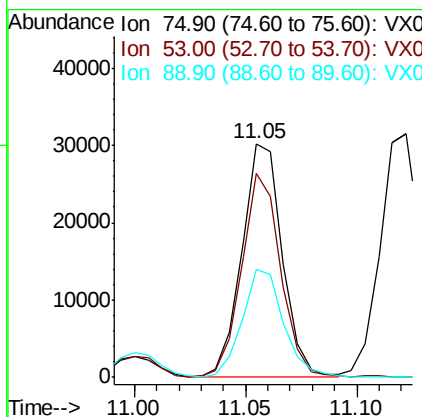
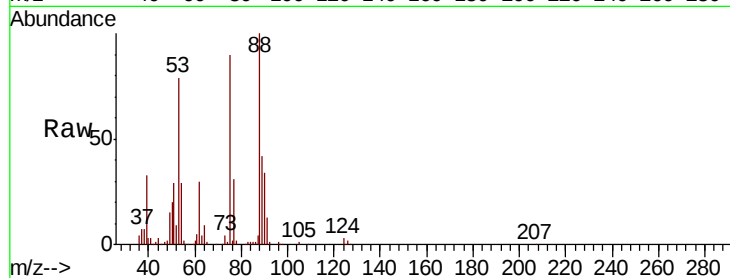




#81
trans-1,4-Dichloro-2-butene
Concen: 20.275 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX019000.D
Acq: 21 Oct 2020 11:10

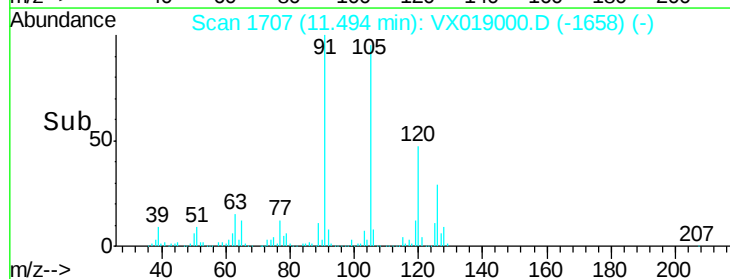
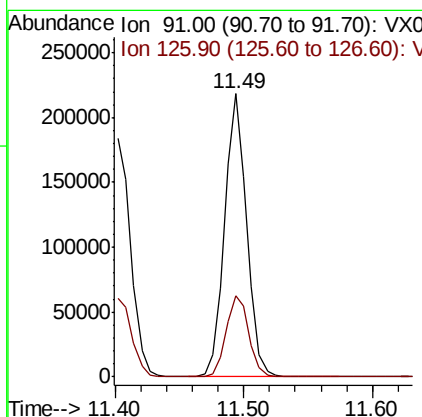
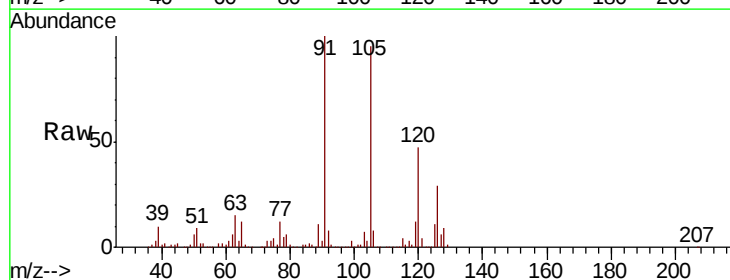
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

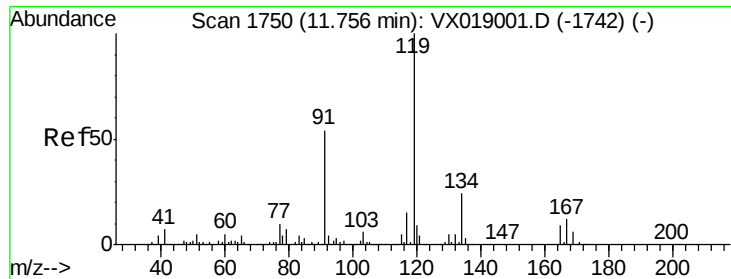
Tot Ion: 75 Resp: 38032
Ion Ratio Lower Upper
75 100
53 85.4 64.2 96.4
89 48.2 39.8 59.8



#82
4-Chlorotoluene
Concen: 20.221 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX019000.D
Acq: 21 Oct 2020 11:10

Tgt Ion: 91 Resp: 262153
Ion Ratio Lower Upper
91 100
126 29.6 16.3 48.8

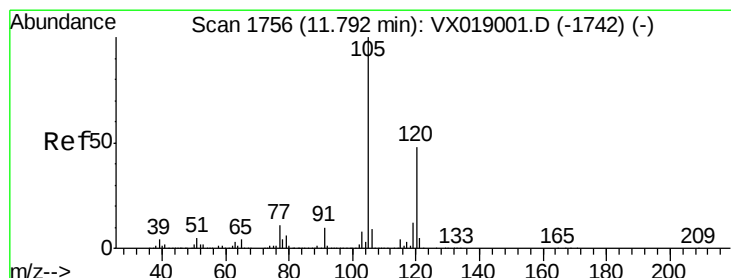
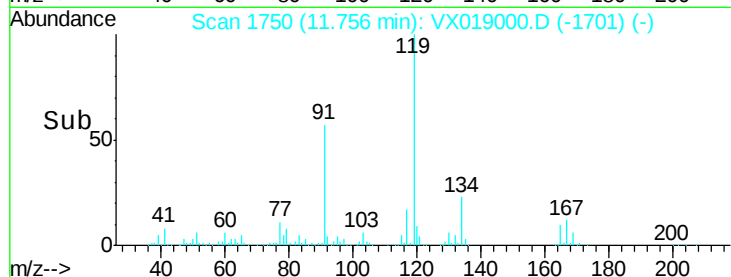
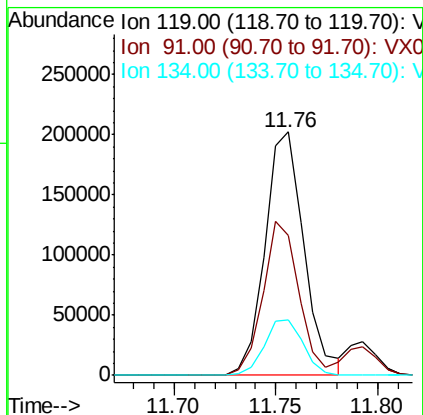
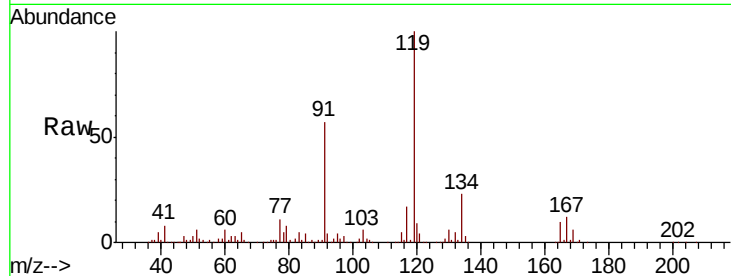




#83
tert-Butylbenzene
Concen: 20.782 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX019000.D
Acq: 21 Oct 2020 11:10

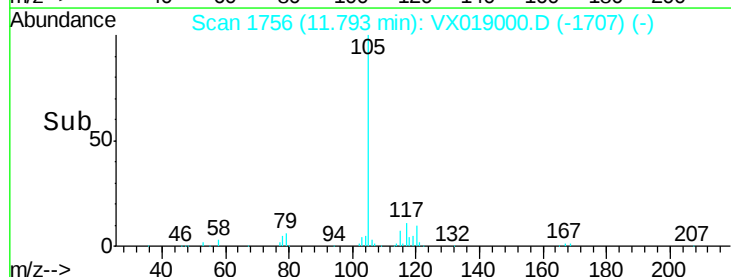
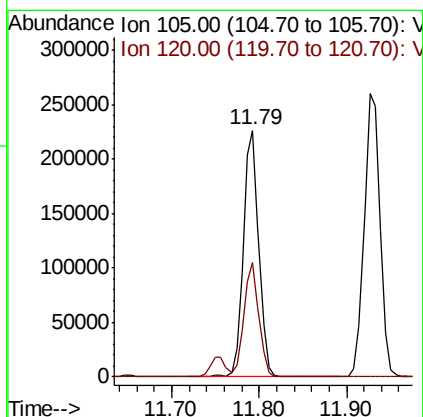
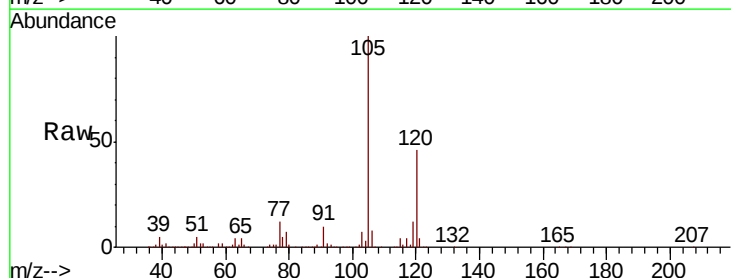
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

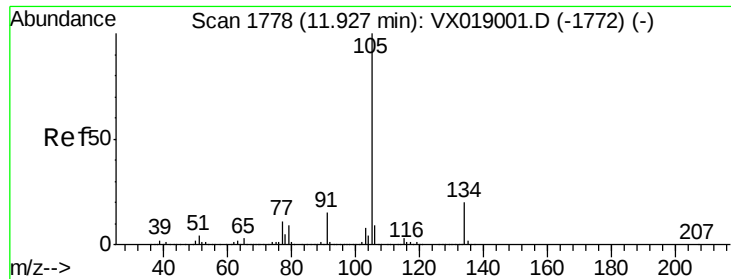
Tot Ion:119 Resp: 269330
Ion Ratio Lower Upper
119 100
91 58.1 26.6 79.7
134 22.8 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 20.820 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX019000.D
Acq: 21 Oct 2020 11:10

Tgt Ion:105 Resp: 277165
Ion Ratio Lower Upper
105 100
120 44.8 23.6 70.8





#85

sec-Butylbenzene

Concen: 21.559 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX019000.D

Acq: 21 Oct 2020 11:10

Instrument :

MSVOA_N

ClientSampleId :

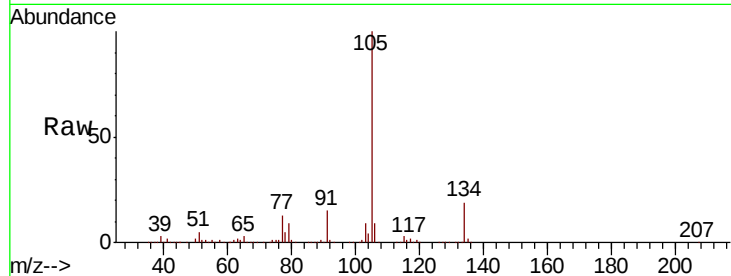
VSTDIC020

Tot Ion:105 Resp: 328383

Ion Ratio Lower Upper

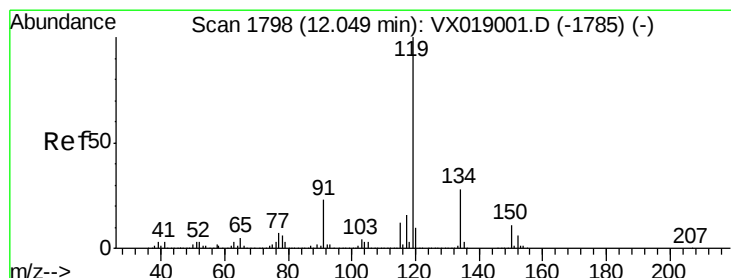
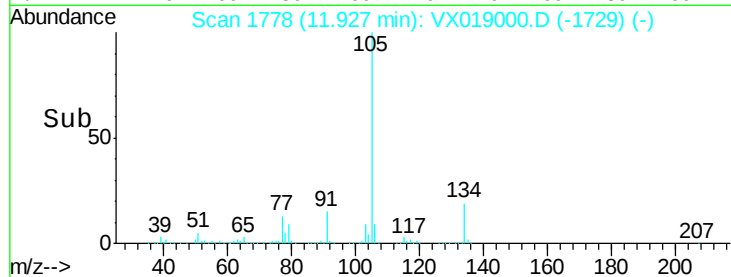
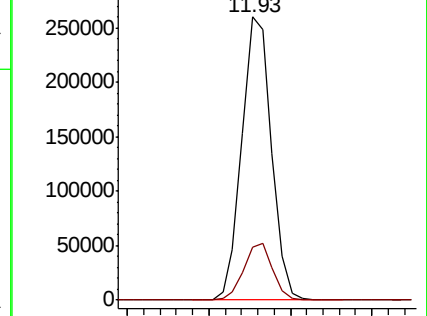
105 100

134 19.6 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.019 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX019000.D

Acq: 21 Oct 2020 11:10

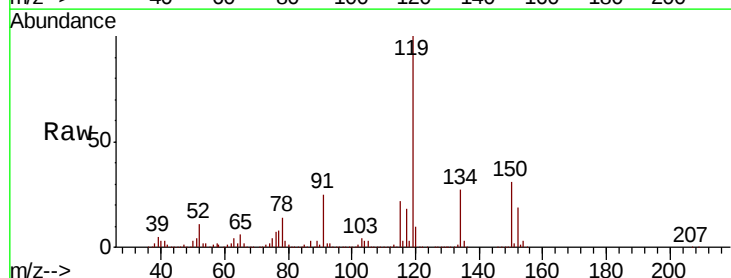
Tgt Ion:119 Resp: 294352

Ion Ratio Lower Upper

119 100

134 26.2 13.8 41.3

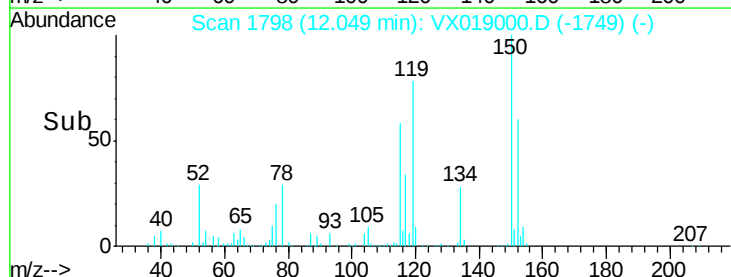
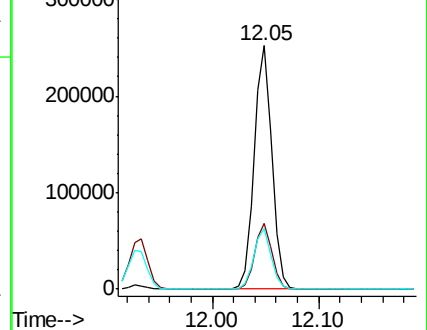
91 24.3 11.4 34.2

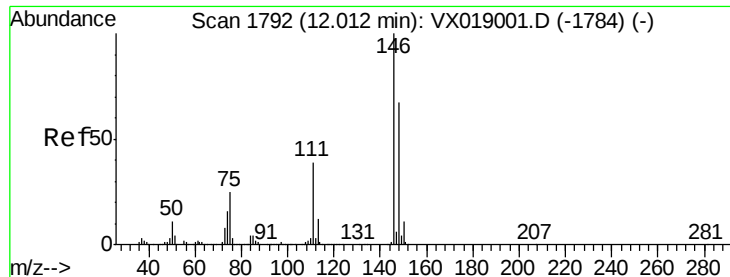


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

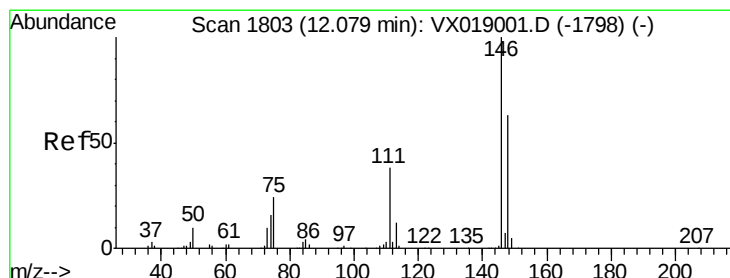
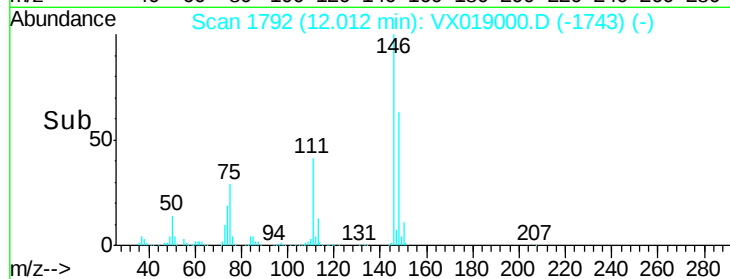
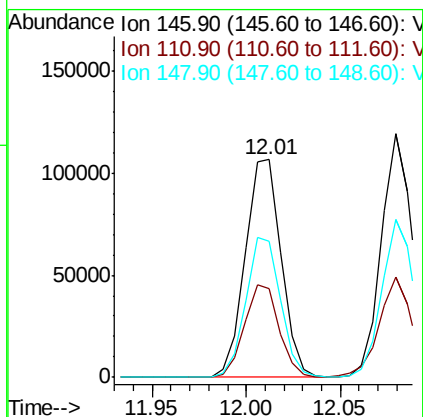
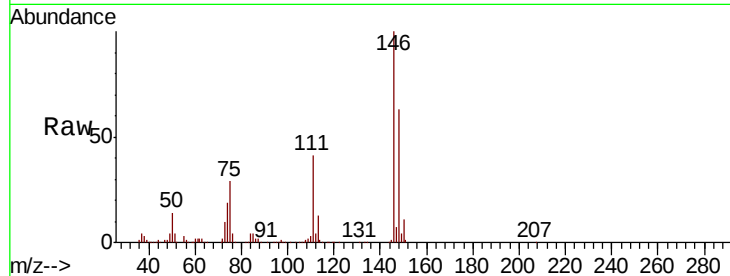




#87
 1,3-Dichlorobenzene
 Concen: 18.467 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX019000.D
 Acq: 21 Oct 2020 11:10

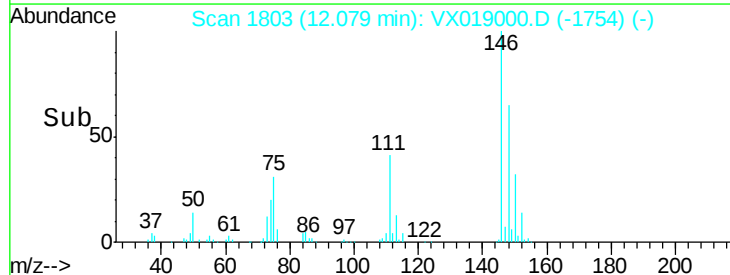
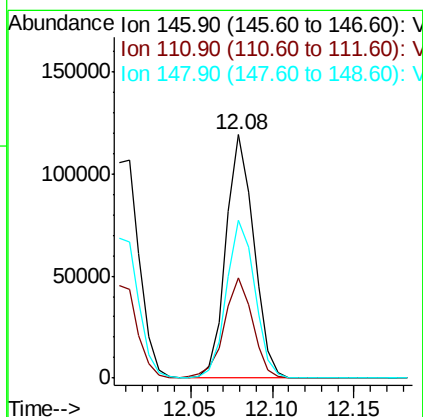
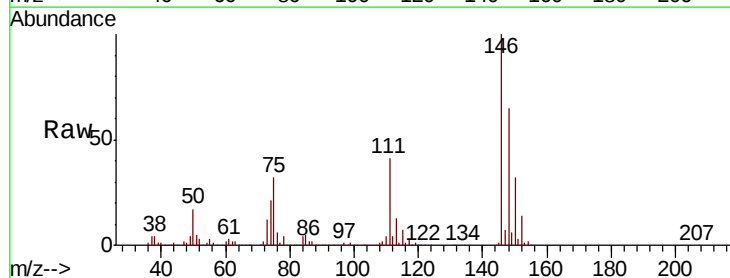
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

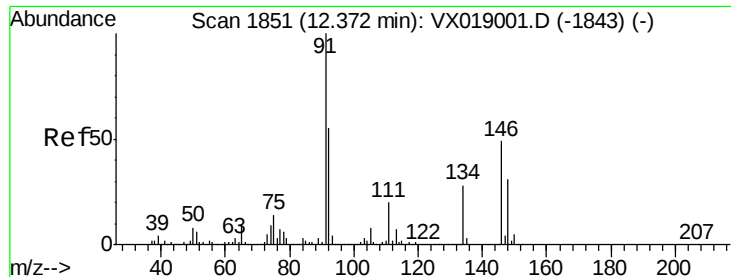
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.4	58.4
148	62.1	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 18.149 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019000.D
 Acq: 21 Oct 2020 11:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.3	19.2	57.6
148	66.3	32.3	96.8

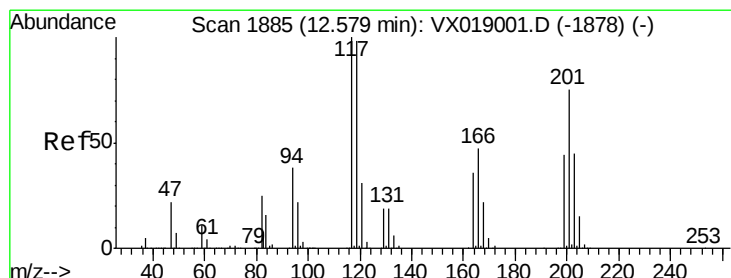
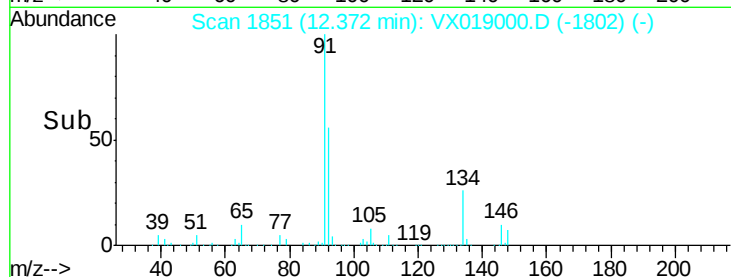
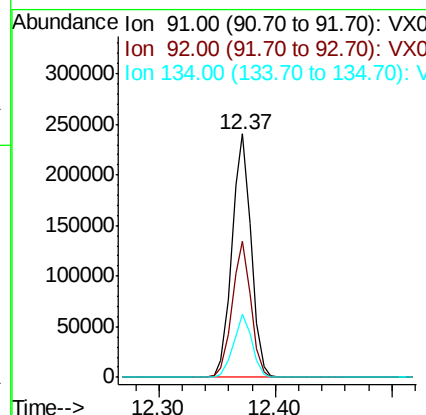
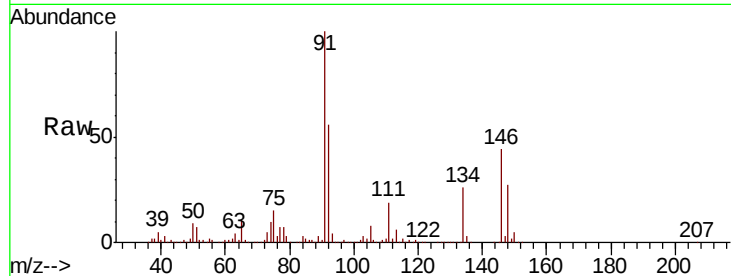




#89
n-Butylbenzene
Concen: 21.160 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019000.D
Acq: 21 Oct 2020 11:10

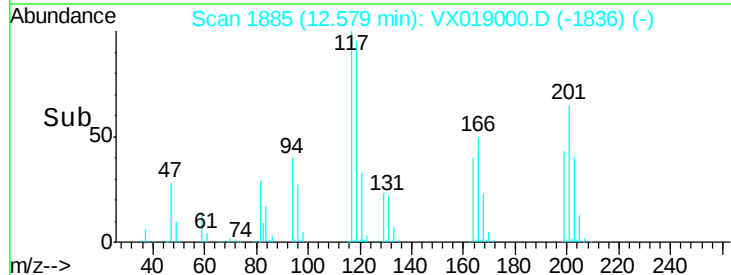
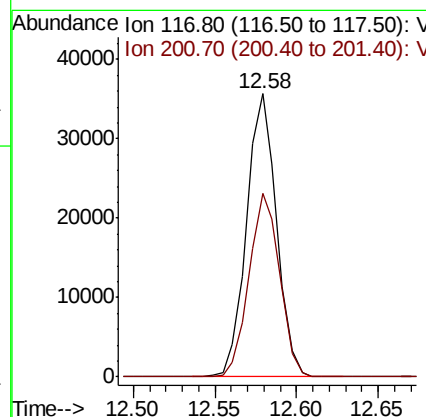
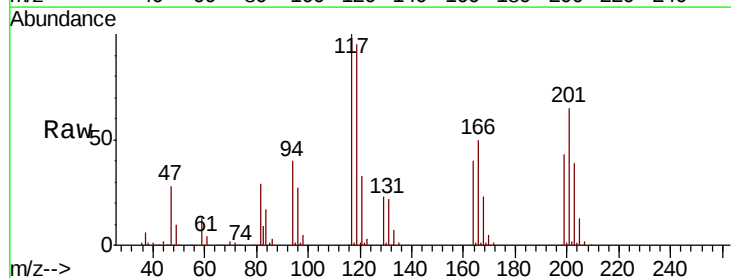
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

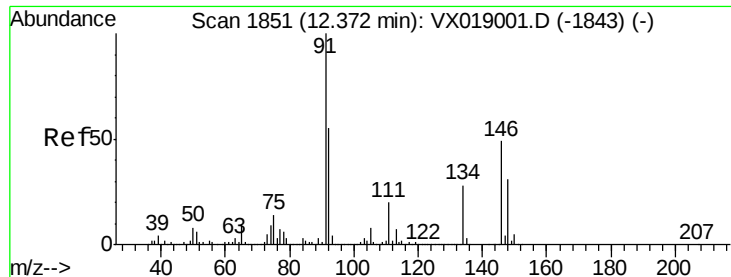
Tot Ion: 91 Resp: 273435
Ion Ratio Lower Upper
91 100
92 54.8 27.3 81.9
134 25.3 14.1 42.3



#90
Hexachloroethane
Concen: 16.802 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019000.D
Acq: 21 Oct 2020 11:10

Tgt Ion: 117 Resp: 45719
Ion Ratio Lower Upper
117 100
201 66.1 37.5 112.3





#91

1,2-Dichlorobenzene

Concen: 18.830 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX019000.D

Acq: 21 Oct 2020 11:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

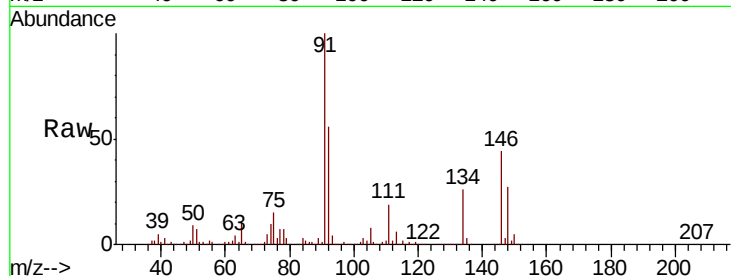
Tot Ion:146 Resp: 135902

Ion Ratio Lower Upper

146 100

111 42.9 20.5 61.5

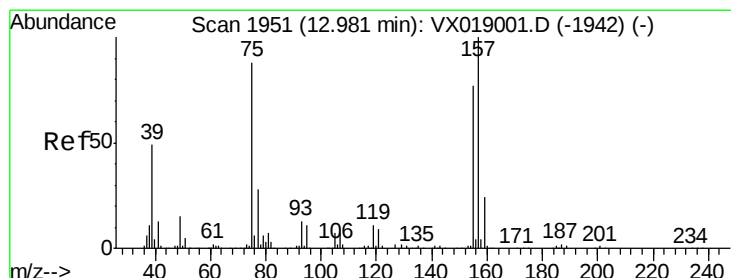
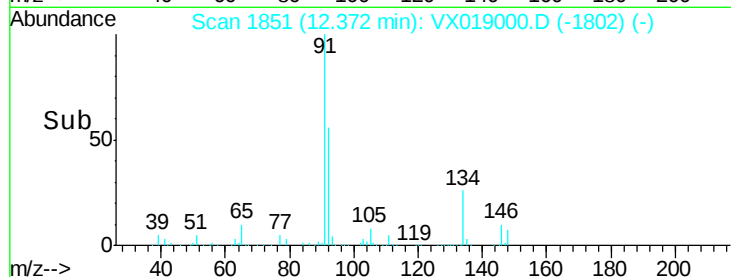
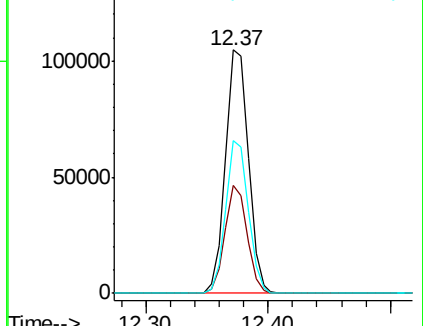
148 61.7 32.3 96.8



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: 20.232 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX019000.D

Acq: 21 Oct 2020 11:10

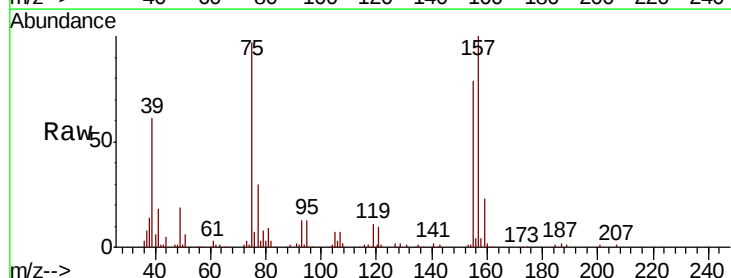
Tgt Ion: 75 Resp: 24784

Ion Ratio Lower Upper

75 100

155 81.0 47.3 141.8

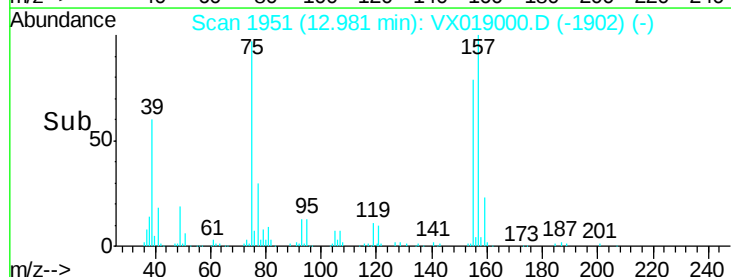
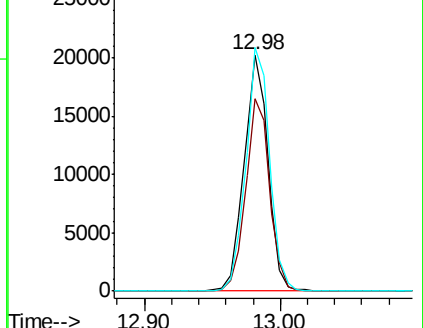
157 102.5 61.6 184.8

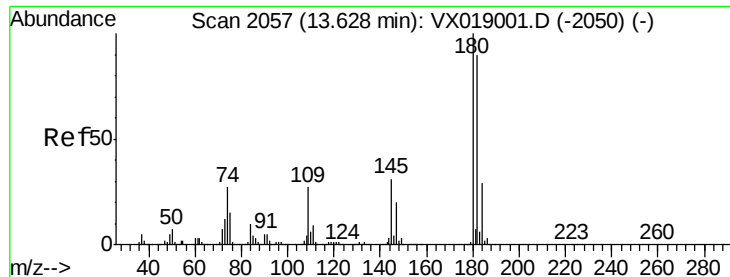


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

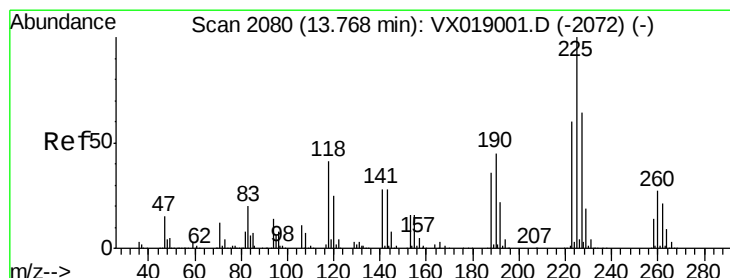
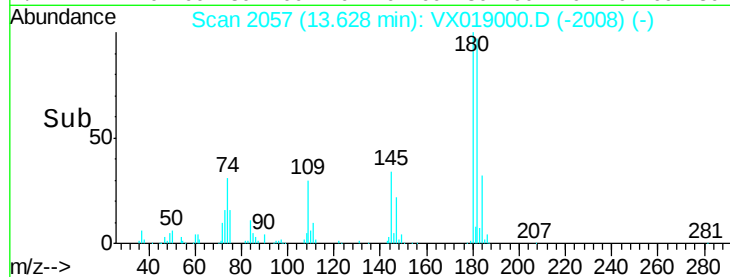
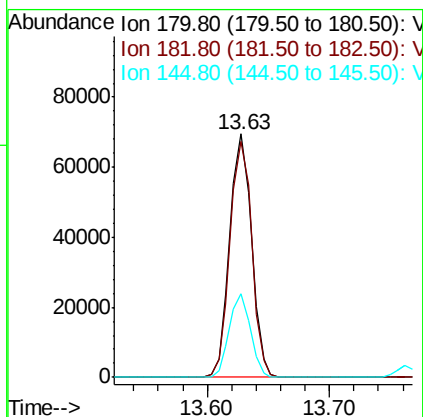
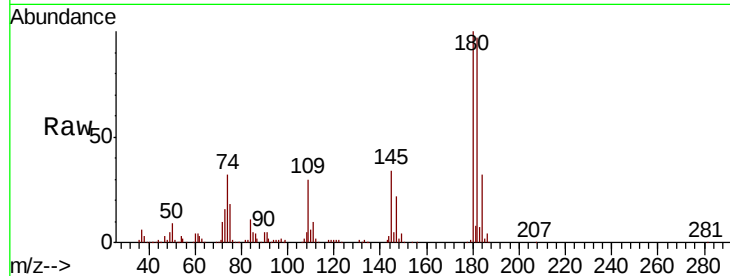




#93
1,2,4-Trichlorobenzene
Concen: 17.205 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX019000.D
Acq: 21 Oct 2020 11:10

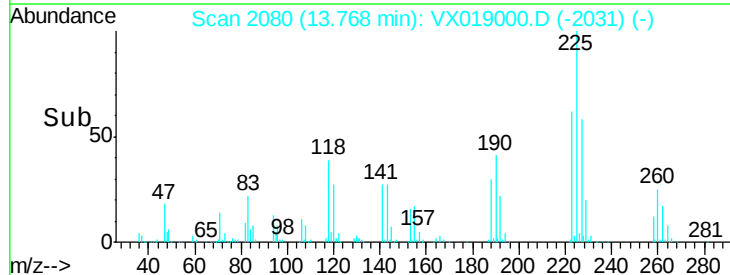
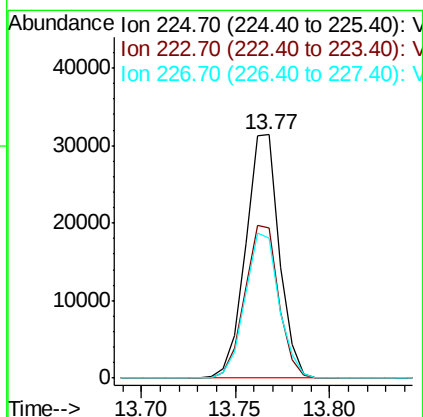
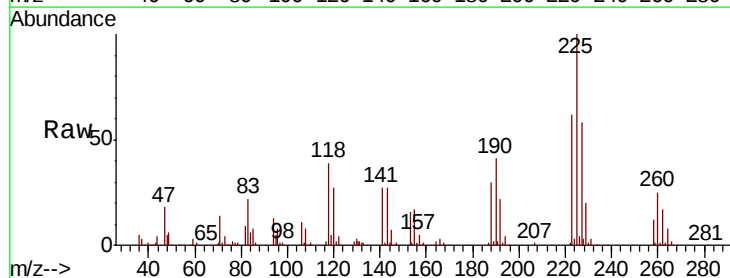
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

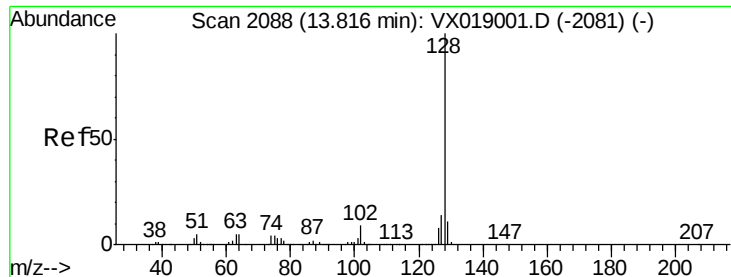
Tot Ion:180 Resp: 85779
Ion Ratio Lower Upper
180 100
182 96.7 46.4 139.2
145 33.3 15.6 46.8



#94
Hexachlorobutadiene
Concen: 18.713 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX019000.D
Acq: 21 Oct 2020 11:10

Tgt Ion:225 Resp: 38814
Ion Ratio Lower Upper
225 100
223 62.9 32.4 97.2
227 60.3 31.2 93.6

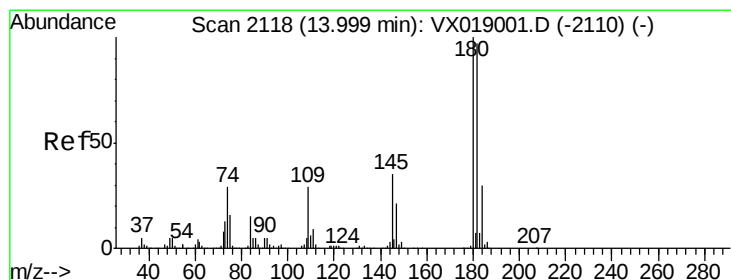
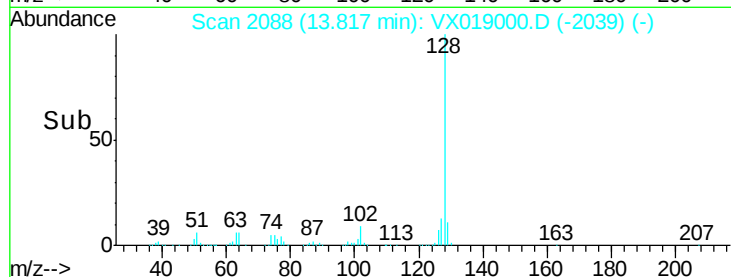
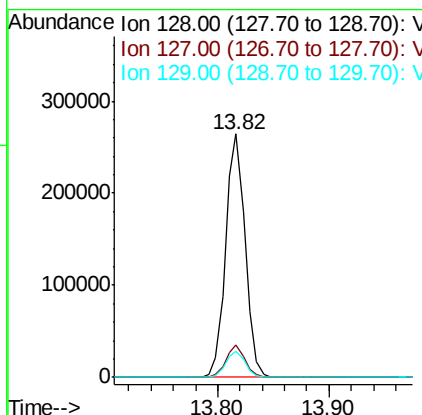
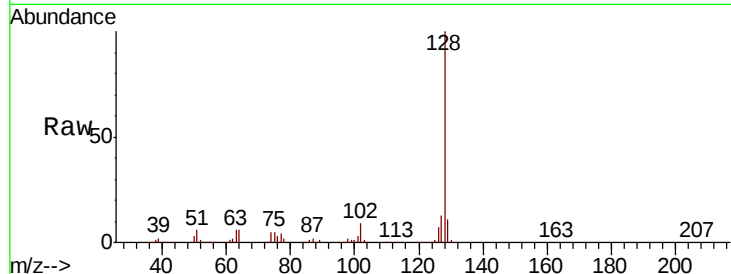




#95
Naphthalene
Concen: 20.952 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019000.D
Acq: 21 Oct 2020 11:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion:128 Resp: 318189
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 18.166 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019000.D
Acq: 21 Oct 2020 11:10

Tgt Ion:180 Resp: 86095
Ion Ratio Lower Upper
180 100
182 97.4 46.9 140.7
145 33.4 16.7 50.0

