

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102720\
 Data File : VX019131.D
 Acq On : 27 Oct 2020 11:56
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Oct 27 13:19:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:11:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	295947	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	485795	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	428214	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	207083	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	23192	6.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	13.10%	
35) Dibromofluoromethane	5.46	113	17632	5.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.82%	
50) Toluene-d8	8.70	98	66696	5.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.60%	
62) 4-Bromofluorobenzene	11.12	95	24295	5.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.84%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	13025	5.542	ug/l 96
3) Chloromethane	1.31	50	14404	5.691	ug/l 99
4) Vinyl Chloride	1.39	62	16833	5.323	ug/l 98
5) Bromomethane	1.64	94	12910	6.463	ug/l 100
6) Chloroethane	1.71	64	10904	5.115	ug/l 98
7) Trichlorofluoromethane	1.92	101	26419	4.916	ug/l 98
8) Diethyl Ether	2.17	74	9981	4.713	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	15020	5.495	ug/l 99
10) Methyl Iodide	2.49	142	8892	2.945	ug/l 98
11) Tert butyl alcohol	3.03	59	19961	27.504	ug/l 99
12) 1,1-Dichloroethene	2.36	96	15047	5.440	ug/l 96
13) Acrolein	2.28	56	13850	39.339	ug/l 97
14) Allyl chloride	2.70	41	22020	5.988	ug/l 99
15) Acrylonitrile	3.12	53	39674	27.208	ug/l 98
16) Acetone	2.42	43	32742	27.962	ug/l 96
17) Carbon Disulfide	2.55	76	43249	5.644	ug/l 99
18) Methyl Acetate	2.75	43	17055	5.926	ug/l 95
19) Methyl tert-butyl Ether	3.17	73	50980	5.335	ug/l 99
20) Methylene Chloride	2.83	84	17175	5.166	ug/l 98
21) trans-1,2-Dichloroethene	3.14	96	16844	5.180	ug/l 98
22) Diisopropyl ether	3.82	45	45006	5.795	ug/l 98
23) Vinyl Acetate	3.78	43	199223	29.140	ug/l 99
24) 1,1-Dichloroethane	3.67	63	28590	5.634	ug/l 98
25) 2-Butanone	4.64	43	51365	27.503	ug/l 100
26) 2,2-Dichloropropane	4.55	77	26801	5.613	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	19240	5.260	ug/l 99
28) Bromochloromethane	4.98	49	13836	6.303	ug/l 94
29) Tetrahydrofuran	5.09	42	32832	27.615	ug/l 98
30) Chloroform	5.18	83	30004	5.335	ug/l 95
31) Cyclohexane	5.54	56	25041	5.573	ug/l 95
32) 1,1,1-Trichloroethane	5.46	97	26502	5.282	ug/l 98
36) 1,1-Dichloropropene	5.76	75	22972	5.393	ug/l 99
37) Ethyl Acetate	4.79	43	21519	5.726	ug/l 98
38) Carbon Tetrachloride	5.75	117	22928	5.229	ug/l 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102720\
 Data File : VX019131.D
 Acq On : 27 Oct 2020 11:56
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 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Oct 27 13:19:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:11:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	28440	5.445	ug/l	96
40) Benzene	6.11	78	66209	5.302	ug/l	95
41) Methacrylonitrile	5.01	41	11118	5.732	ug/l	97
42) 1,2-Dichloroethane	6.16	62	24449	5.728	ug/l	98
43) Isopropyl Acetate	6.41	43	35282	5.738	ug/l	100
44) Trichloroethene	7.19	130	18752	5.244	ug/l	98
45) 1,2-Dichloropropane	7.49	63	16166	5.505	ug/l	97
46) Dibromomethane	7.63	93	11550	5.220	ug/l	99
47) Bromodichloromethane	7.87	83	22518	5.204	ug/l	96
48) Methyl methacrylate	7.74	41	16232	5.598	ug/l	97
49) 1,4-Dioxane	7.74	88	7625	101.930	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	102134	28.434	ug/l	99
52) Toluene	8.76	92	42200	5.225	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	25399	5.311	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	27234	5.347	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	16669	5.183	ug/l	94
56) Ethyl methacrylate	9.16	69	24063	5.183	ug/l	97
57) 1,3-Dichloropropane	9.35	76	28302	5.374	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	70528	28.044	ug/l	100
59) 2-Hexanone	9.47	43	77634	28.412	ug/l	98
60) Dibromochloromethane	9.56	129	16925	4.937	ug/l	100
61) 1,2-Dibromoethane	9.65	107	17222	5.047	ug/l	97
64) Tetrachloroethene	9.32	164	17622	5.399	ug/l	99
65) Chlorobenzene	10.12	112	45819	5.358	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.20	131	16066	5.253	ug/l	99
67) Ethyl Benzene	10.23	91	80960	5.410	ug/l	100
68) m/p-Xylenes	10.34	106	60515	10.522	ug/l	99
69) o-Xylene	10.68	106	28294	5.134	ug/l	99
70) Styrene	10.70	104	46949	5.113	ug/l	99
71) Bromoform	10.84	173	11593	4.813	ug/l #	99
73) Isopropylbenzene	11.00	105	78598	5.647	ug/l	99
74) N-amyl acetate	10.88	43	27380	6.066	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	23852	5.486	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	28240	7.297	ug/l	85
77) Bromobenzene	11.24	156	18593	5.334	ug/l	93
78) n-propylbenzene	11.34	91	89246	5.713	ug/l	99
79) 2-Chlorotoluene	11.40	91	52011	5.663	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	64472	5.613	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	7566	5.167	ug/l	93
82) 4-Chlorotoluene	11.49	91	63253	5.817	ug/l	98
83) tert-Butylbenzene	11.75	119	61994	5.525	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	64629	5.564	ug/l	99
85) sec-Butylbenzene	11.93	105	73930	5.488	ug/l	99
86) p-Isopropyltoluene	12.05	119	67182	5.387	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	35757	5.543	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	36649	5.452	ug/l	93
89) n-Butylbenzene	12.37	91	62695	5.515	ug/l	99
90) Hexachloroethane	12.58	117	10469	5.018	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	34007	5.383	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	5404	5.629	ug/l	95

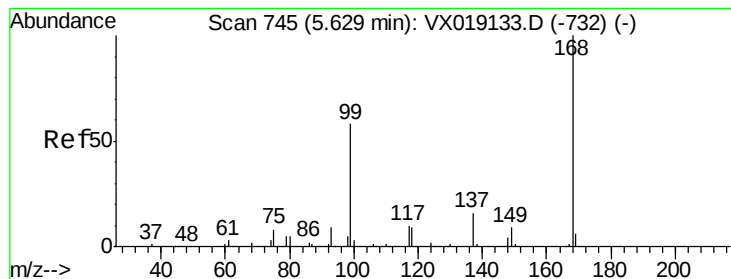
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102720\
Data File : VX019131.D
Acq On : 27 Oct 2020 11:56
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Oct 27 13:19:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 27 13:11:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	23889	5.425	ug/l	97
94) Hexachlorobutadiene	13.77	225	10338	5.284	ug/l	97
95) Naphthalene	13.82	128	72904	5.257	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	23089	5.345	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

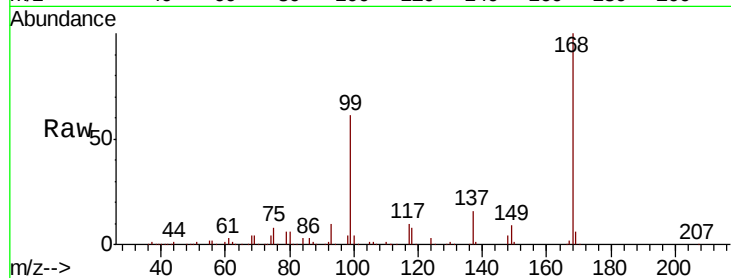
VSTDIC005

Tot Ion:168 Resp: 295947

Ion Ratio Lower Upper

168 100

99 60.6 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

120000

100000

80000

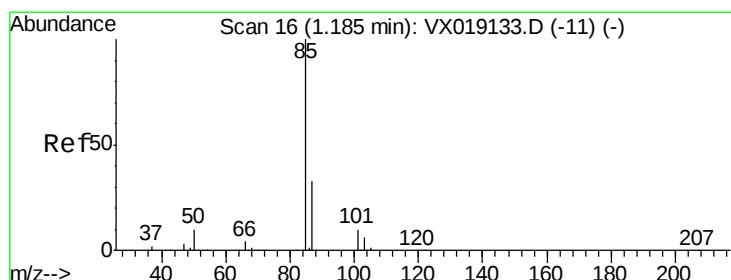
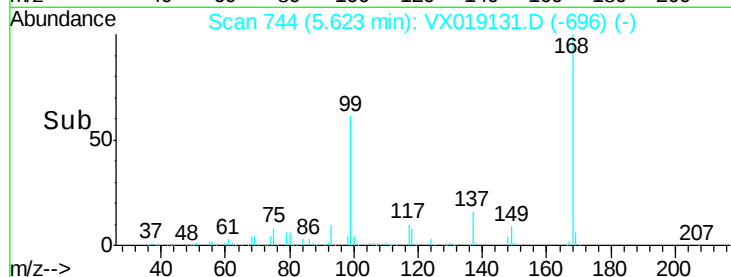
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 5.542 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019131.D

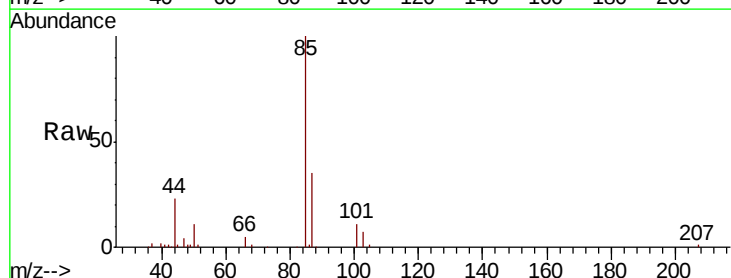
Acq: 27 Oct 2020 11:56

Tgt Ion: 85 Resp: 13025

Ion Ratio Lower Upper

85 100

87 35.3 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

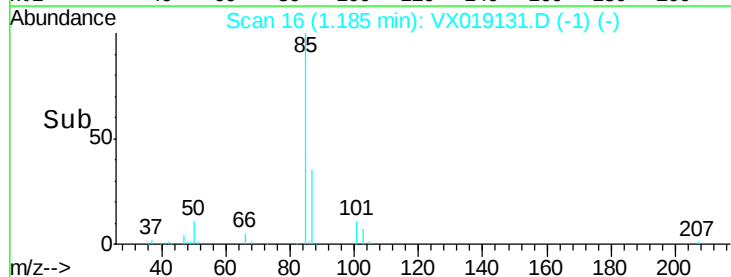
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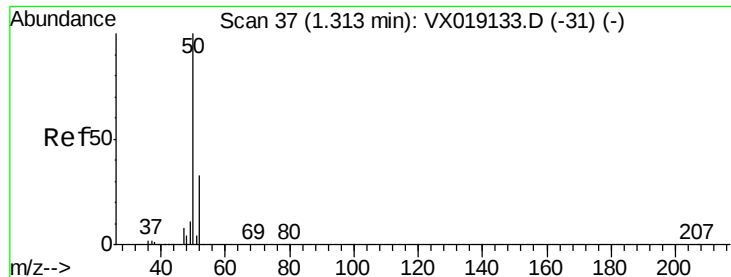
10000

5000

0

Time-->





#3

Chloromethane

Concen: 5.691 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

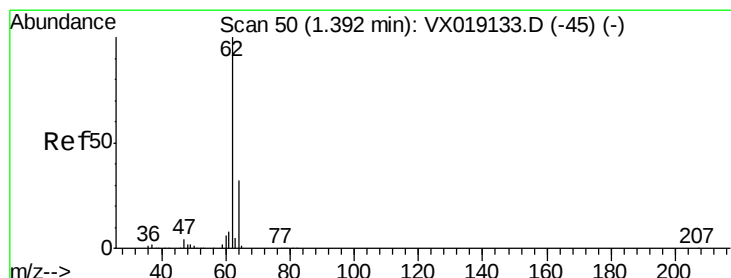
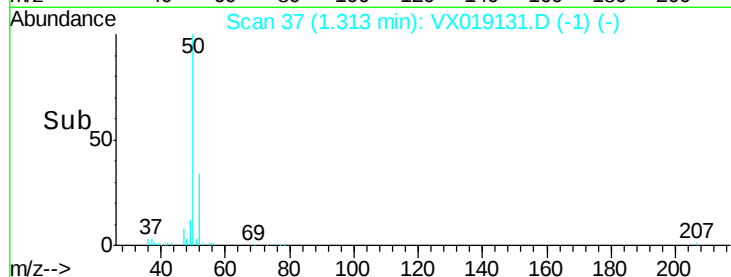
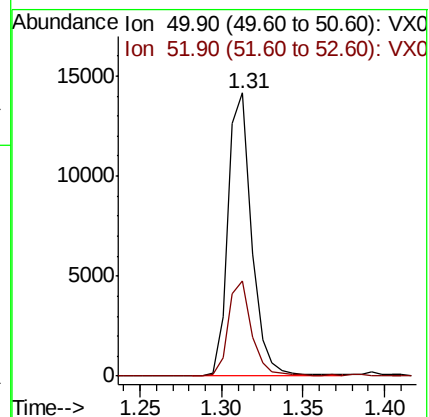
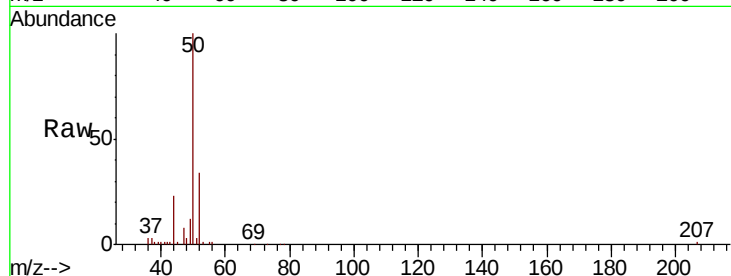
VSTDIC005

Tot Ion: 50 Resp: 14404

Ion Ratio Lower Upper

50 100

52 33.8 26.8 40.2



#4

Vinyl Chloride

Concen: 5.323 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019131.D

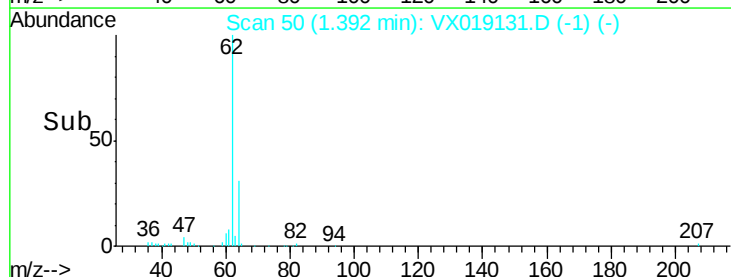
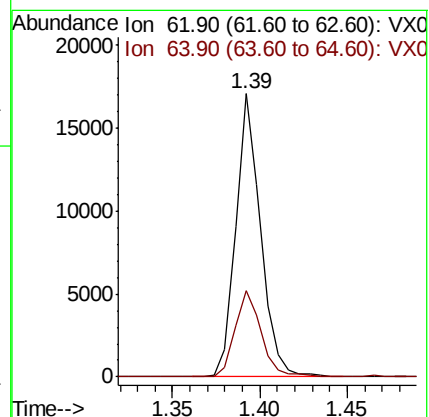
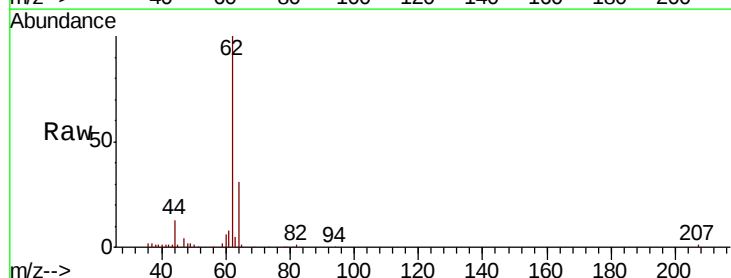
Acq: 27 Oct 2020 11:56

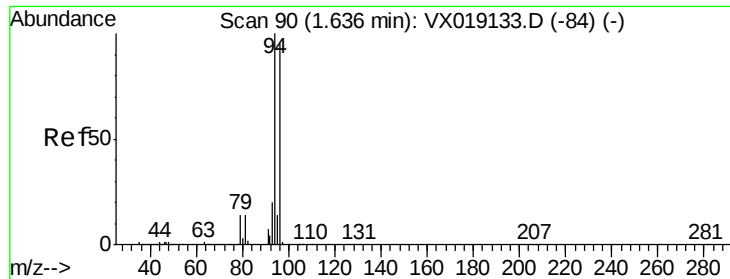
Tgt Ion: 62 Resp: 16833

Ion Ratio Lower Upper

62 100

64 30.5 25.4 38.0





#5

Bromomethane

Concen: 6.463 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

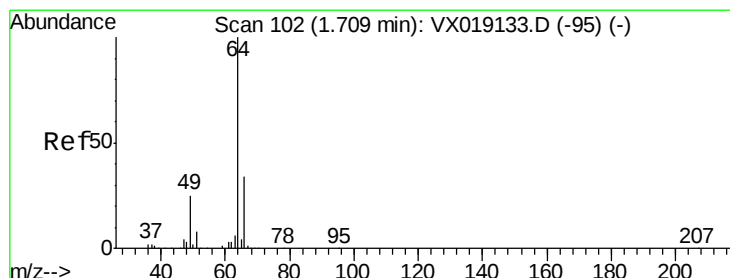
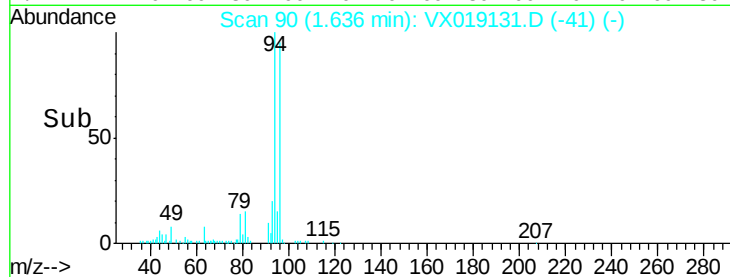
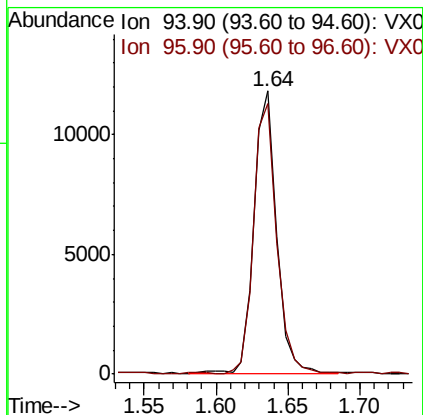
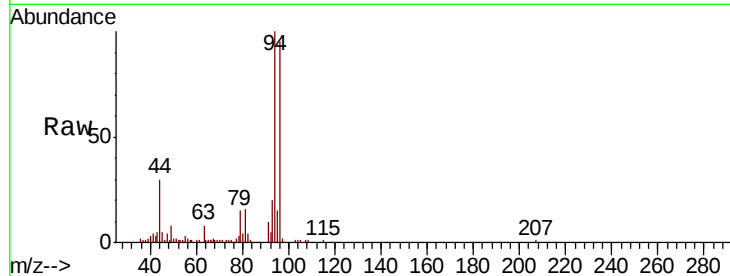
VSTDIC005

Tot Ion: 94 Resp: 12910

Ion Ratio Lower Upper

94 100

96 94.8 76.0 114.0



#6

Chloroethane

Concen: 5.115 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX019131.D

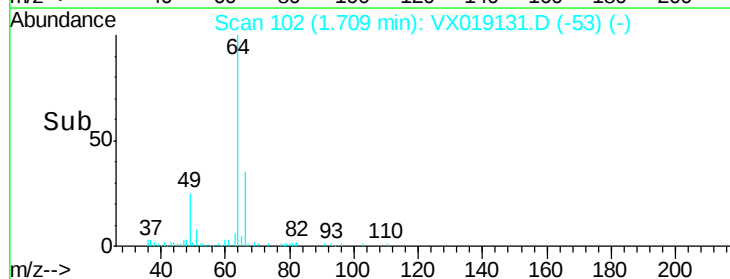
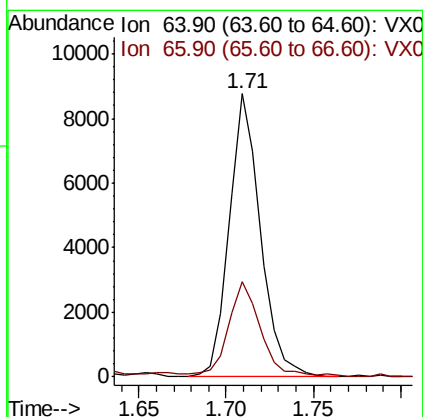
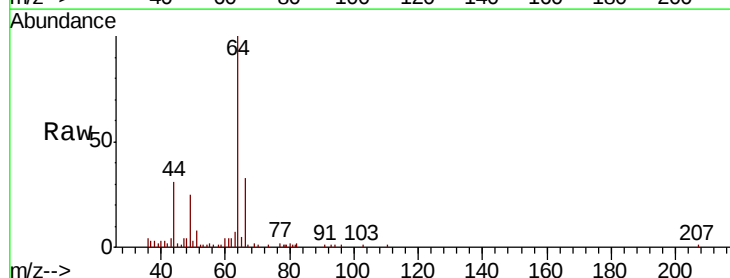
Acq: 27 Oct 2020 11:56

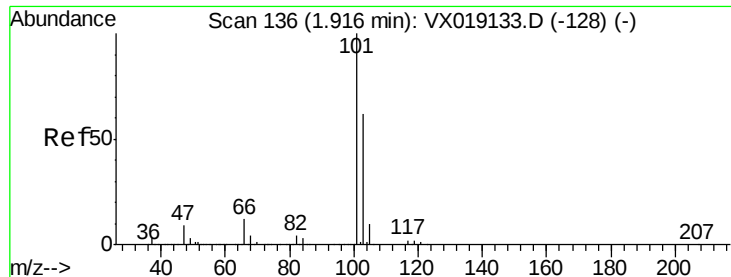
Tgt Ion: 64 Resp: 10904

Ion Ratio Lower Upper

64 100

66 32.7 27.1 40.7



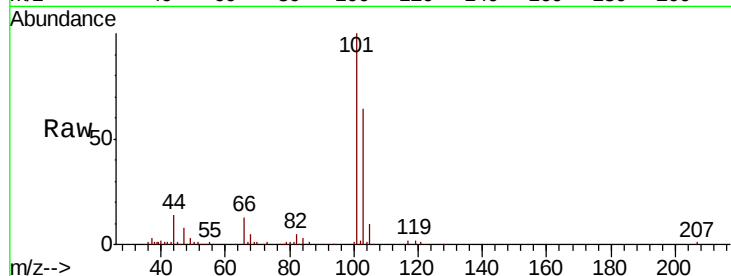


#7

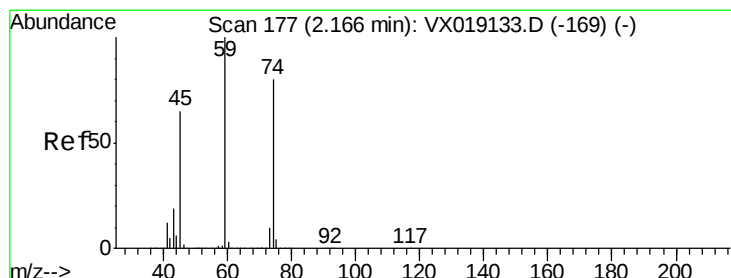
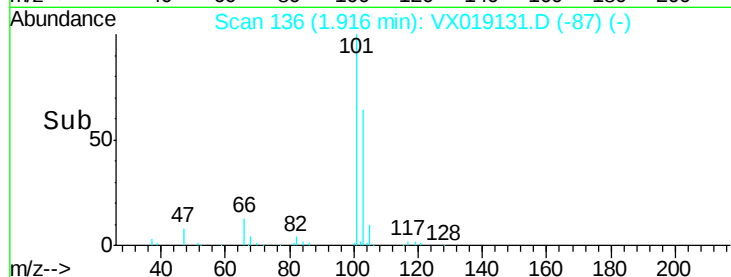
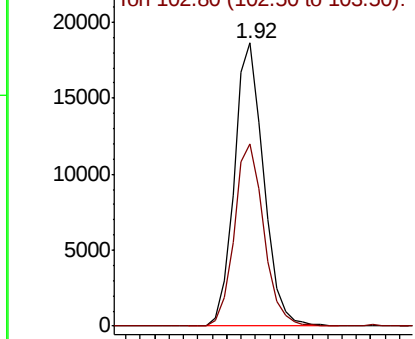
Trichlorofluoromethane
Concen: 4.916 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:101 Resp: 26419
Ion Ratio Lower Upper
101 100
103 64.3 50.0 75.0



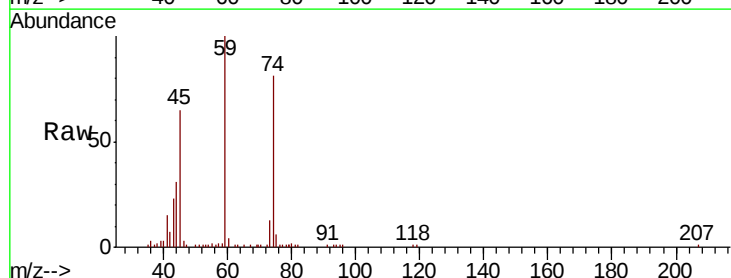
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



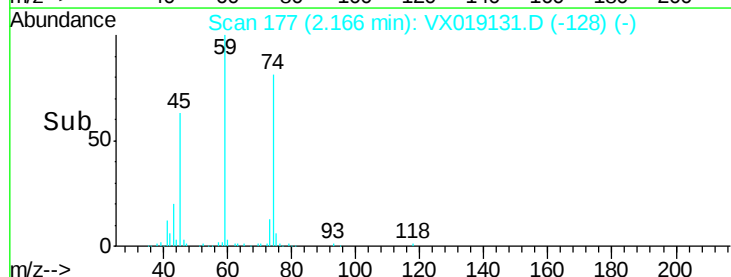
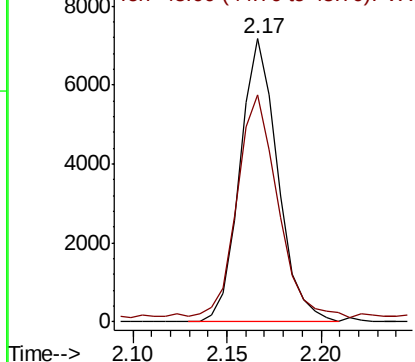
#8

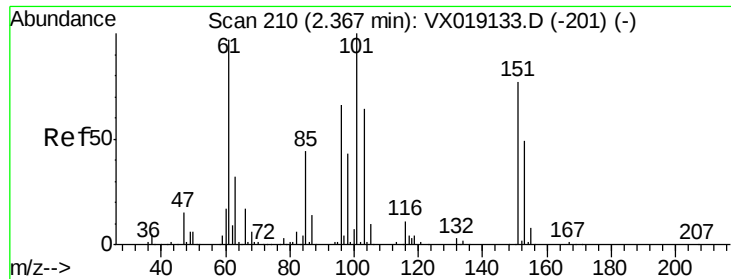
Diethyl Ether
Concen: 4.713 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Tgt Ion: 74 Resp: 9981
Ion Ratio Lower Upper
74 100
45 84.1 41.0 123.0



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.495 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

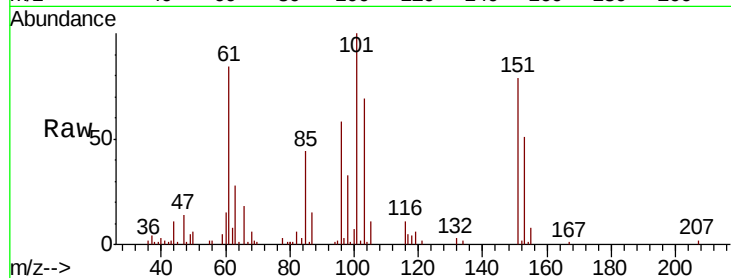
Tot Ion:101 Resp: 15020

Ion Ratio Lower Upper

101 100

85 43.8 35.0 52.4

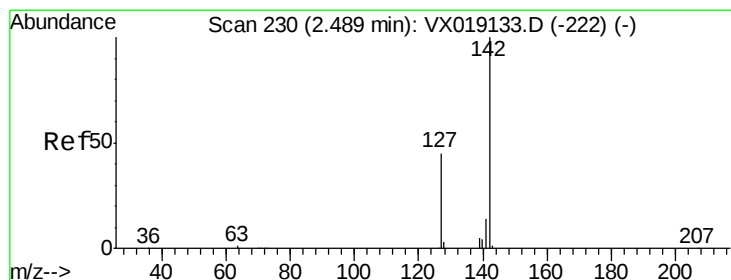
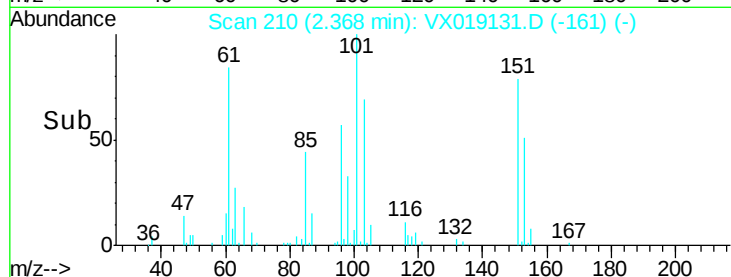
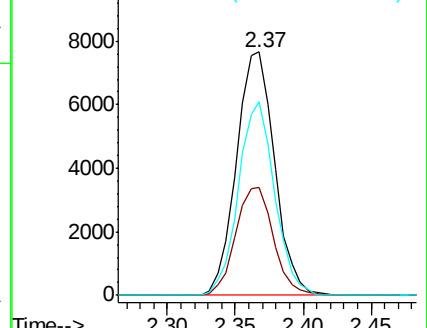
151 75.4 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 2.945 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

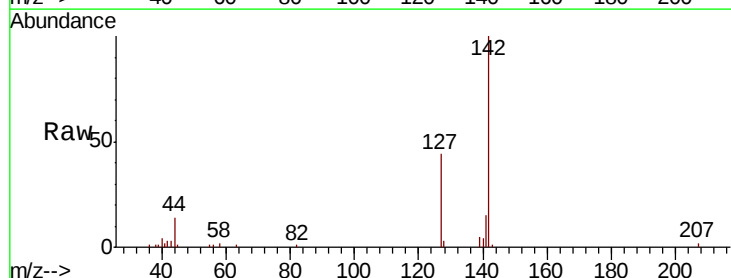
Tgt Ion:142 Resp: 8892

Ion Ratio Lower Upper

142 100

127 47.1 36.1 54.1

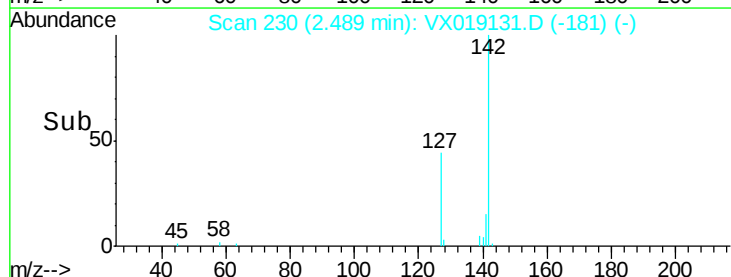
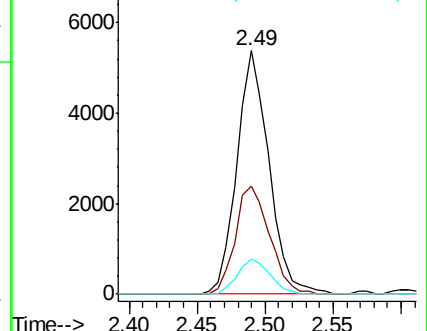
141 14.3 11.3 16.9

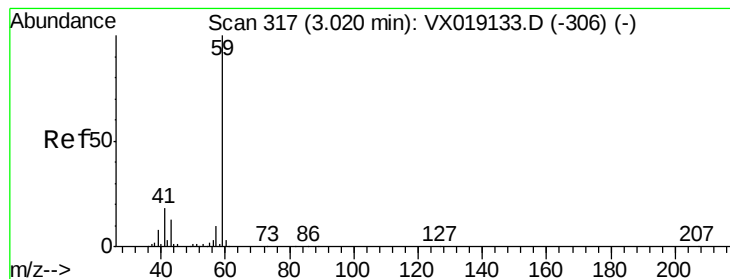


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



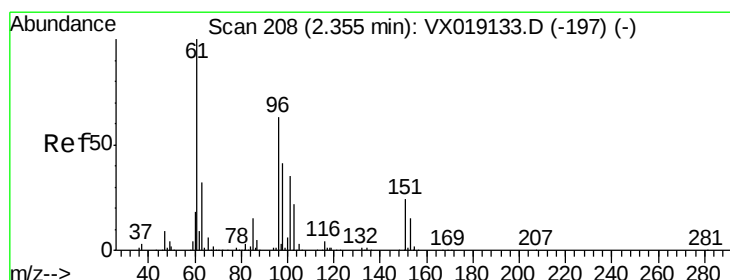
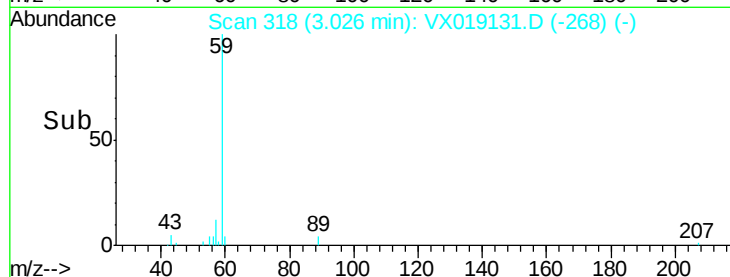
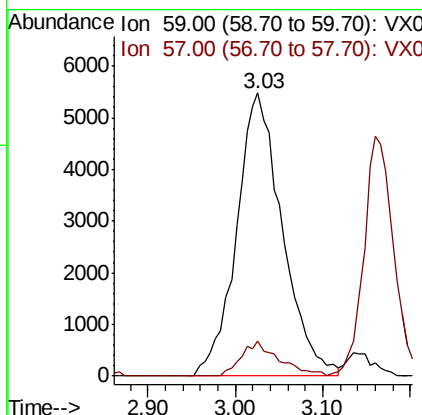
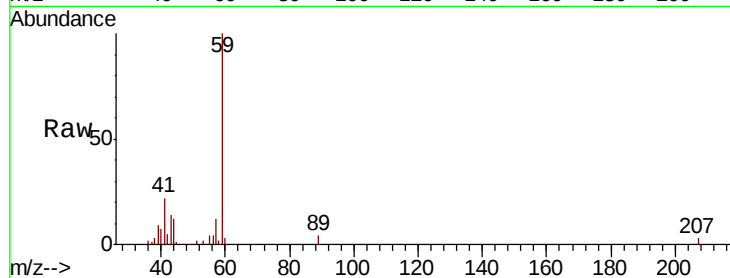


#11

Tert butyl alcohol
Concen: 27.504 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

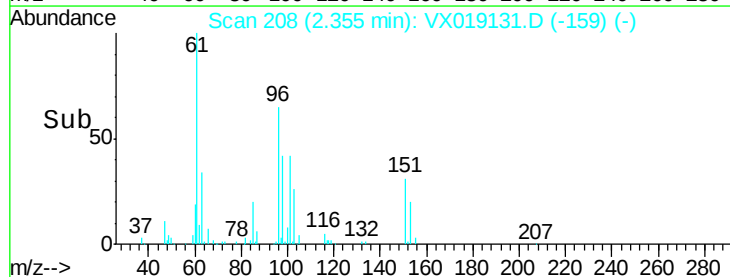
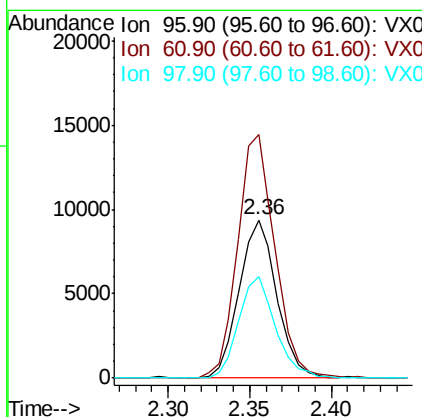
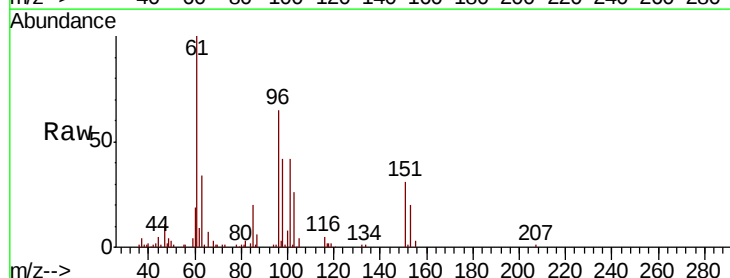
Tot Ion: 59 Resp: 19961
Ion Ratio Lower Upper
59 100
57 10.3 8.4 12.6

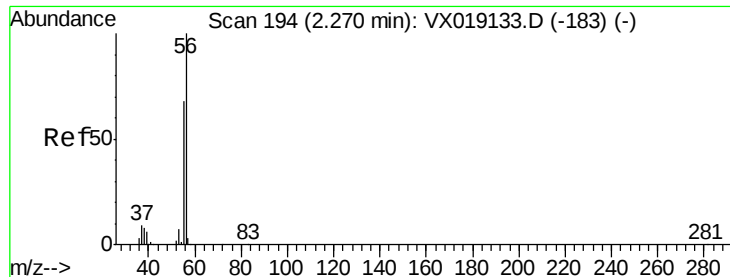


#12

1,1-Dichloroethene
Concen: 5.440 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Tgt Ion: 96 Resp: 15047
Ion Ratio Lower Upper
96 100
61 153.7 127.7 191.5
98 64.0 52.1 78.1





#13

Acrolein

Concen: 39.339 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

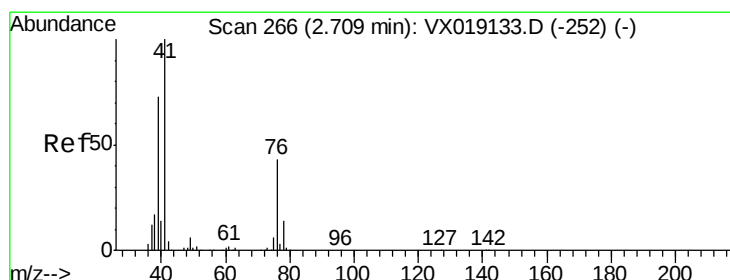
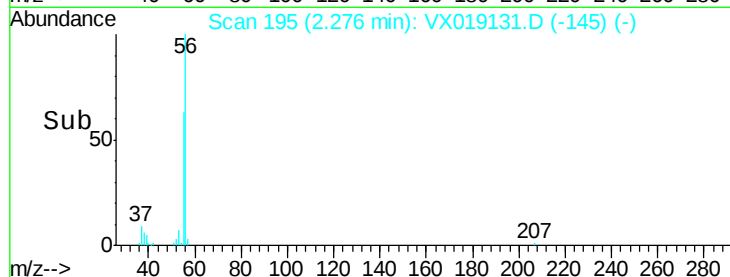
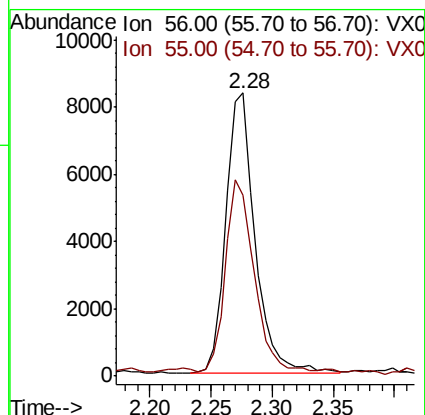
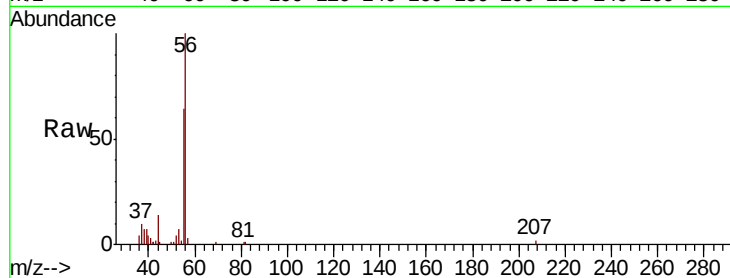
VSTDIC005

Tot Ion: 56 Resp: 13850

Ion Ratio Lower Upper

56 100

55 65.7 54.7 82.1



#14

Allyl chloride

Concen: 5.988 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

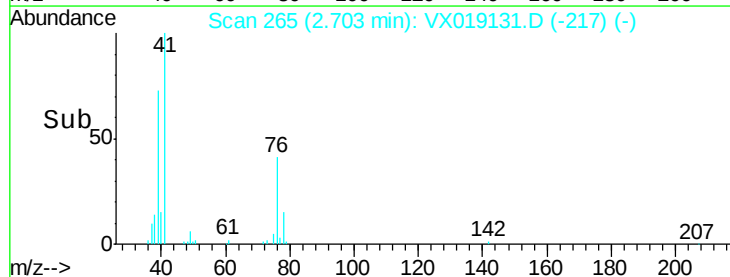
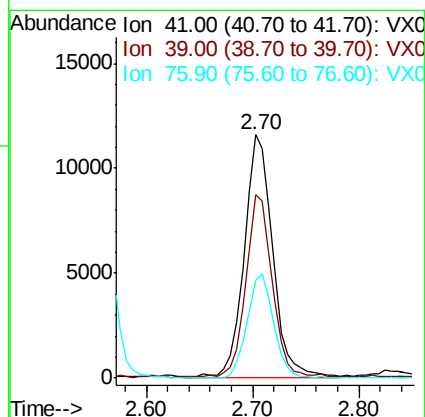
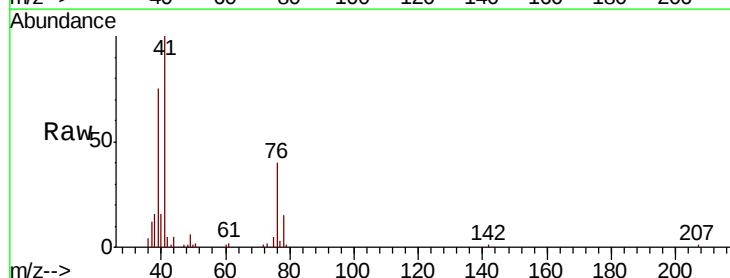
Tgt Ion: 41 Resp: 22020

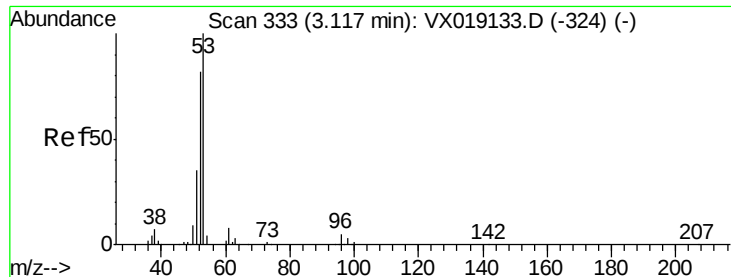
Ion Ratio Lower Upper

41 100

39 68.2 55.2 82.8

76 39.6 31.5 47.3

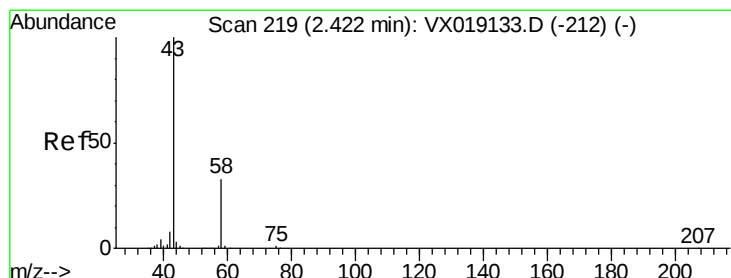
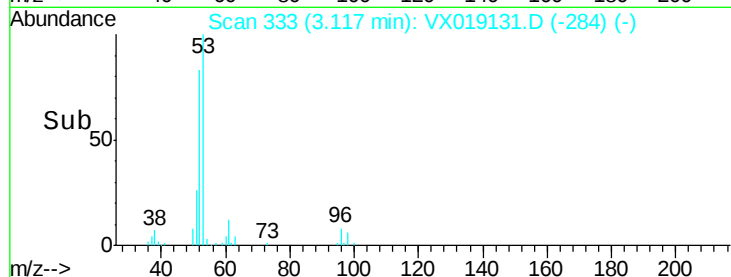
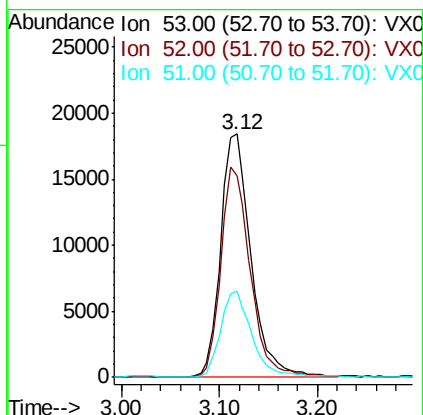
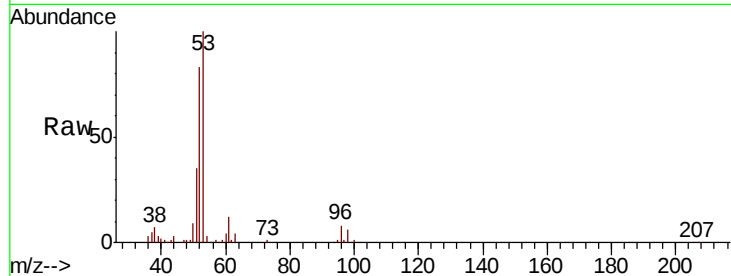




#15
 Acrylonitrile
 Concen: 27.208 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX019131.D
 Acq: 27 Oct 2020 11:56

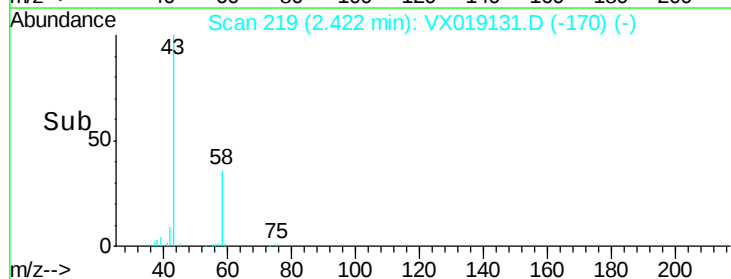
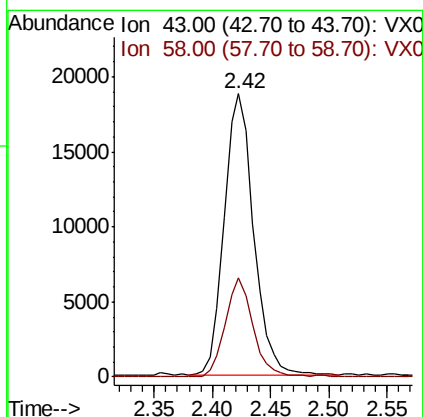
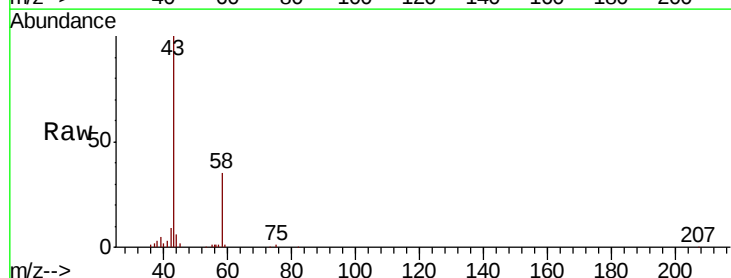
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

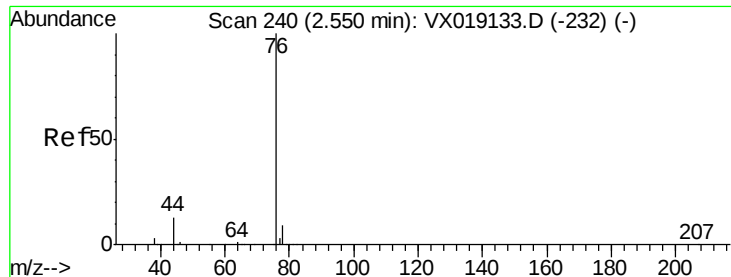
Tot Ion: 53 Resp: 39674
 Ion Ratio Lower Upper
 53 100
 52 84.2 65.7 98.5
 51 36.7 28.4 42.6



#16
 Acetone
 Concen: 27.962 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VX019131.D
 Acq: 27 Oct 2020 11:56

Tgt Ion: 43 Resp: 32742
 Ion Ratio Lower Upper
 43 100
 58 35.2 26.3 39.5

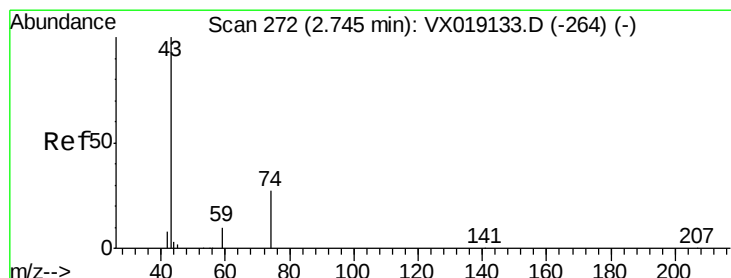
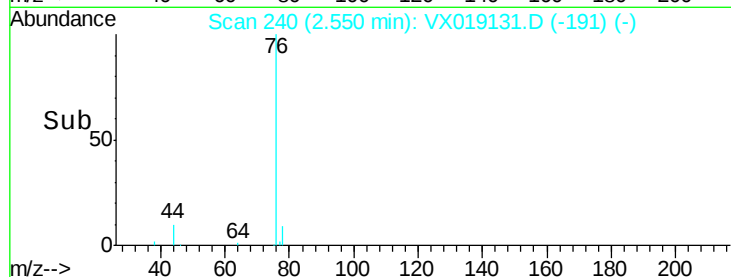
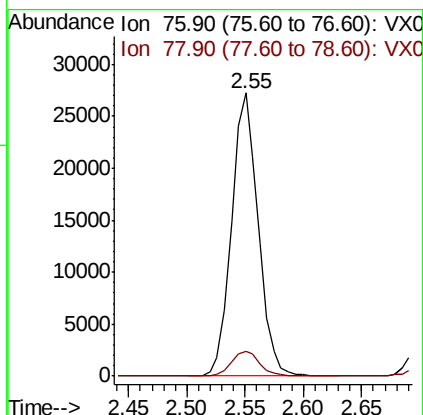
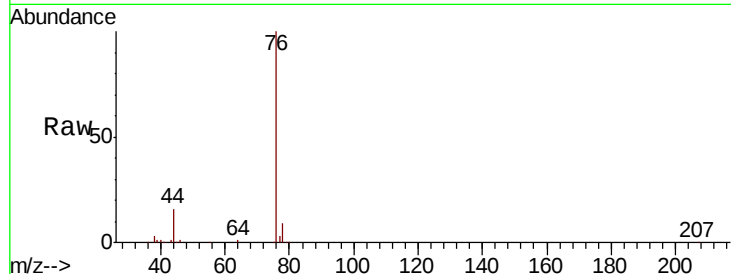




#17
Carbon Disulfide
Concen: 5.644 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

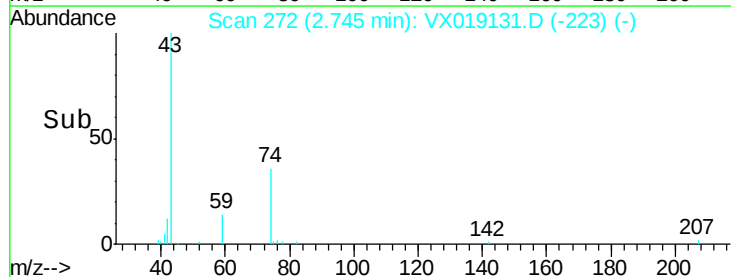
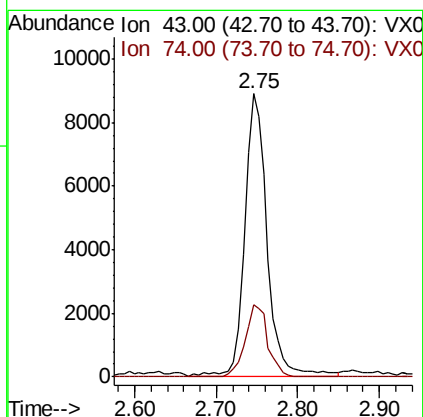
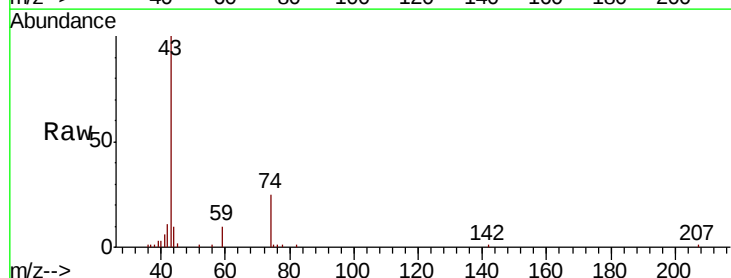
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

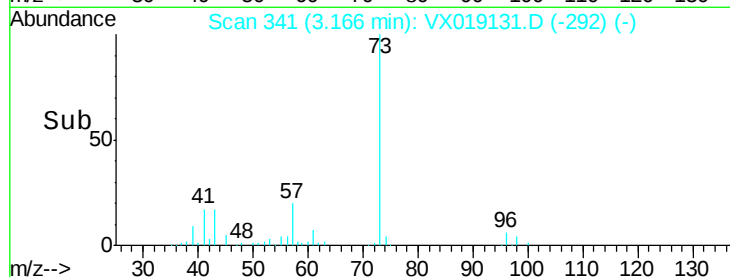
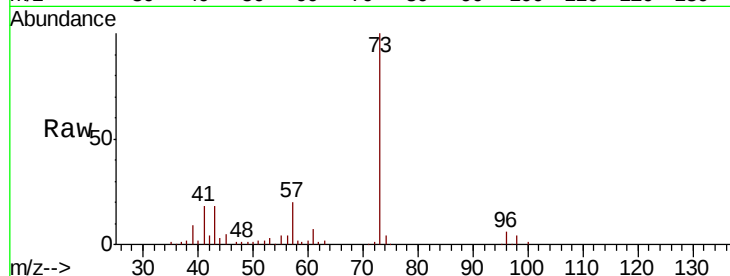
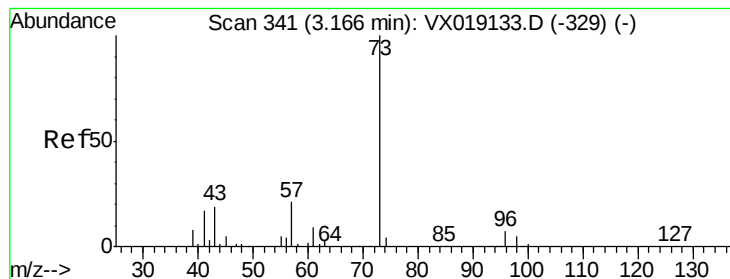
Tot Ion: 76 Resp: 43249
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 5.926 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Tgt Ion: 43 Resp: 17055
Ion Ratio Lower Upper
43 100
74 25.3 22.6 33.8



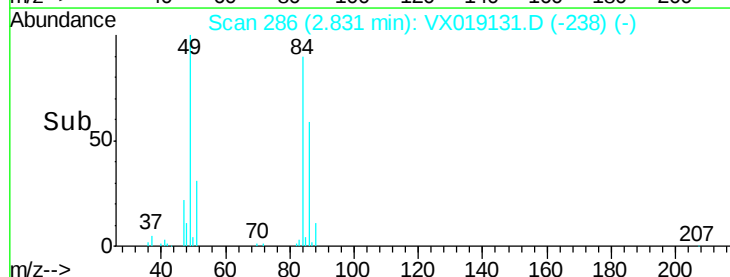
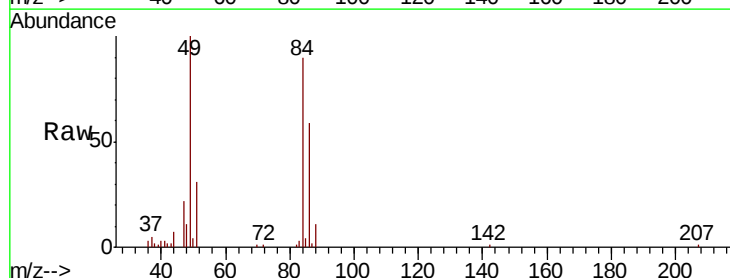
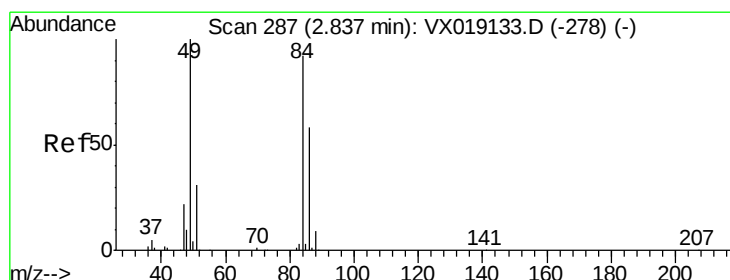
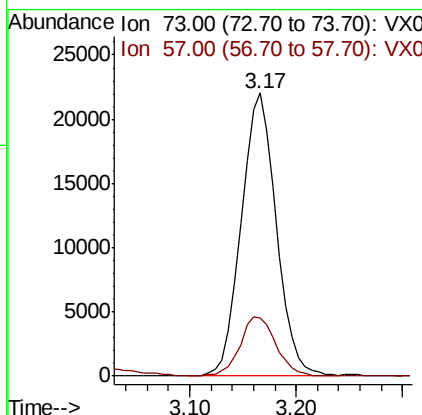


#19

Methyl tert-butyl Ether
Concen: 5.335 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

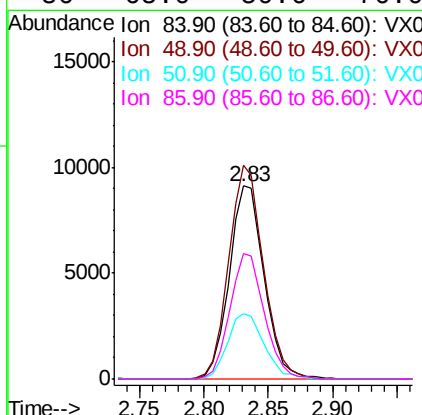
Tot Ion: 73 Resp: 50980
Ion Ratio Lower Upper
73 100
57 20.4 16.6 25.0

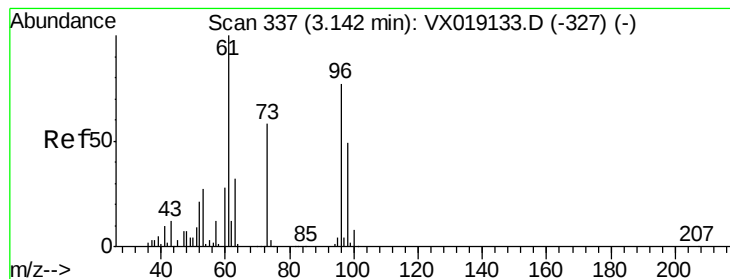


#20

Methylene Chloride
Concen: 5.166 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Tgt Ion: 84 Resp: 17175
Ion Ratio Lower Upper
84 100
49 110.5 86.8 130.2
51 33.8 27.3 40.9
86 65.0 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 5.180 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

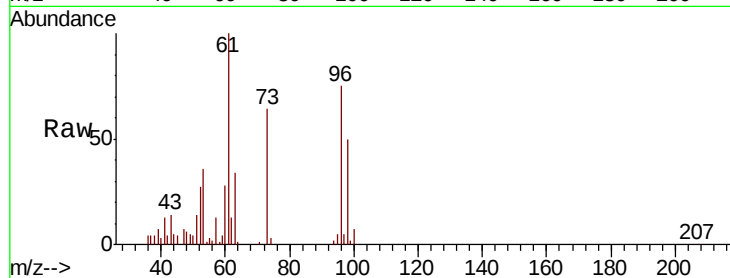
Tot Ion: 96 Resp: 16844

Ion Ratio Lower Upper

96 100

61 133.0 104.2 156.4

98 66.1 51.3 76.9

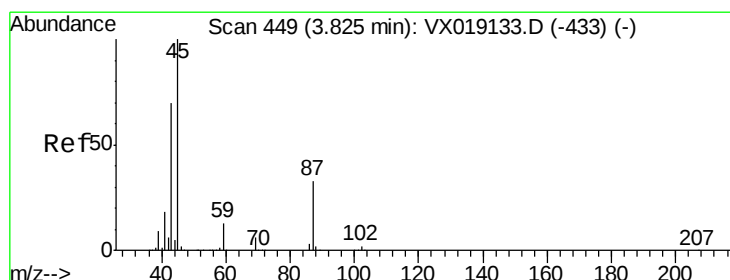
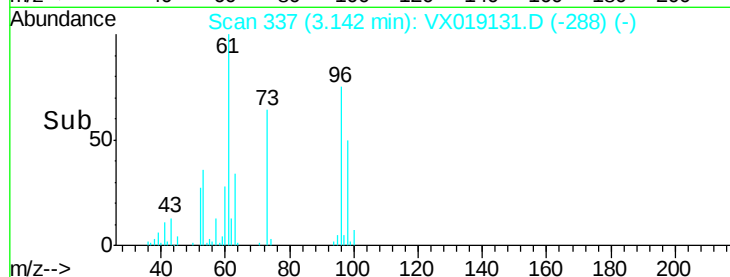
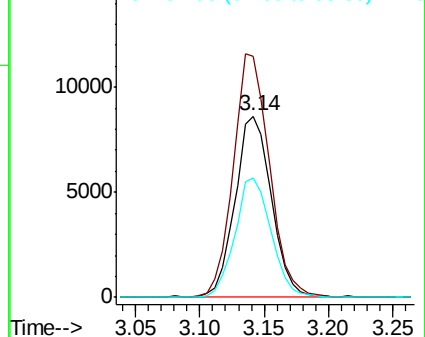


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 5.795 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Tgt Ion: 45 Resp: 45006

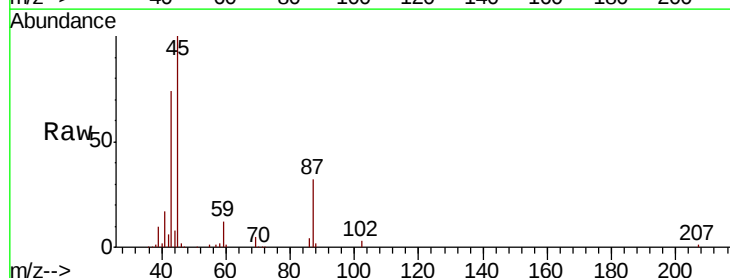
Ion Ratio Lower Upper

45 100

43 72.1 56.2 84.4

87 31.9 26.2 39.2

59 12.1 10.1 15.1



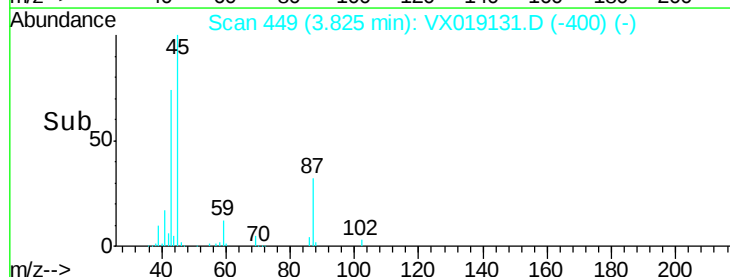
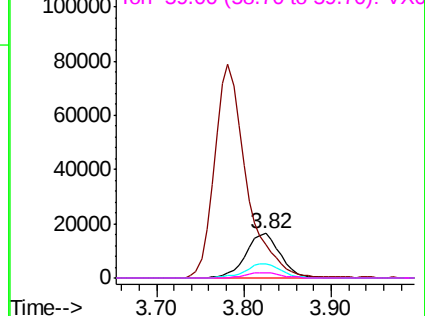
Abundance

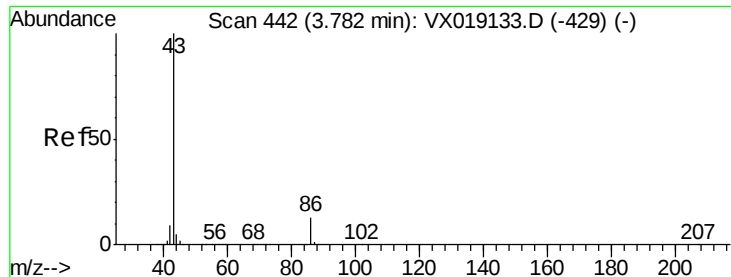
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 29.140 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

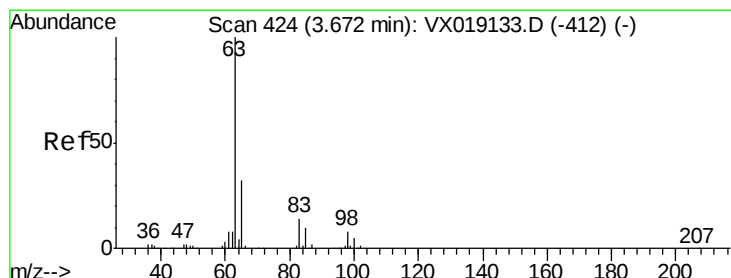
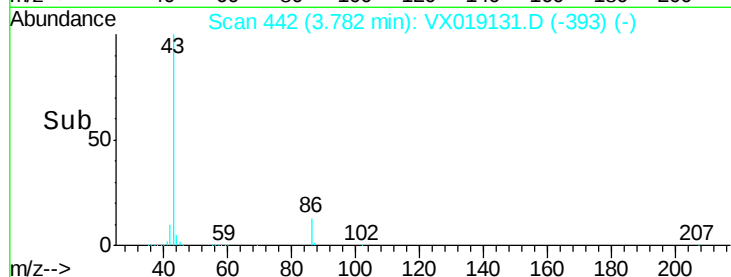
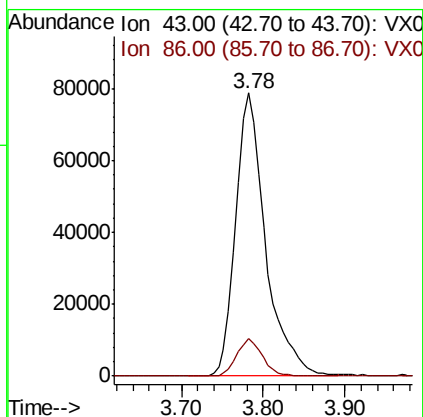
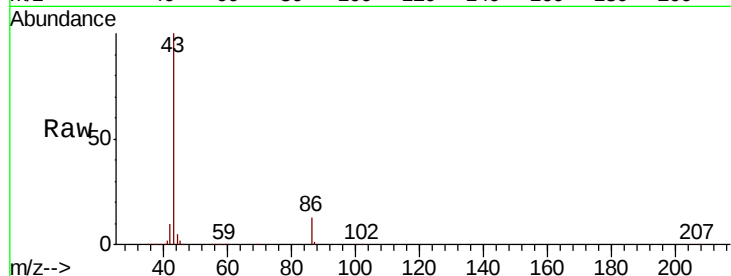
VSTDIC005

Tot Ion: 43 Resp: 199223

Ion Ratio Lower Upper

43 100

86 13.3 10.4 15.6



#24

1,1-Dichloroethane

Concen: 5.634 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

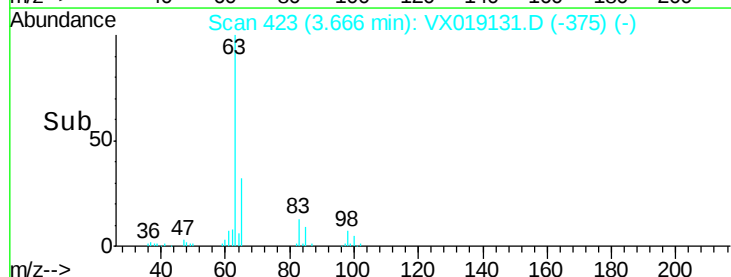
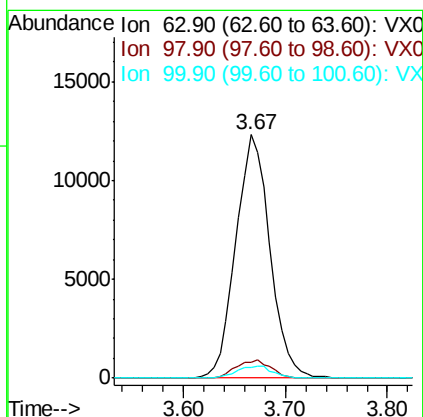
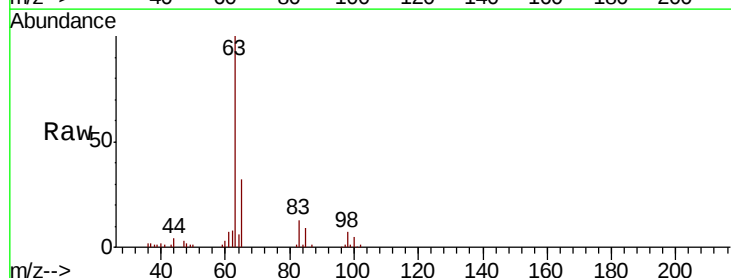
Tgt Ion: 63 Resp: 28590

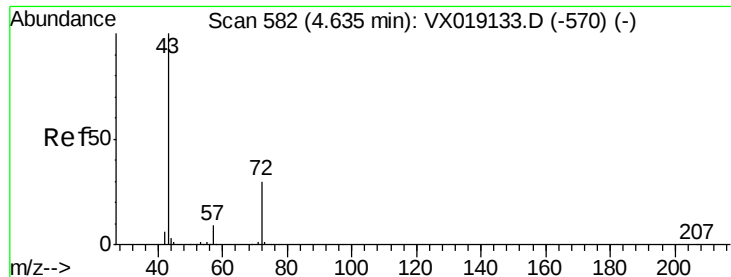
Ion Ratio Lower Upper

63 100

98 6.6 3.8 11.4

100 4.5 2.4 7.2

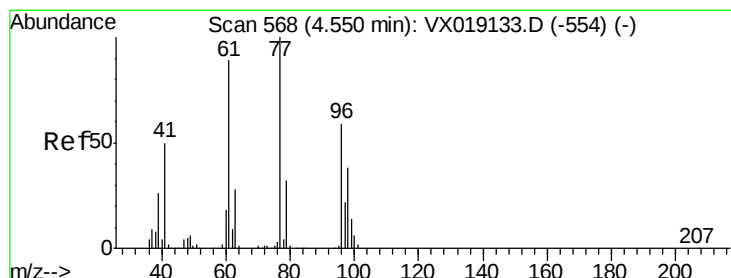
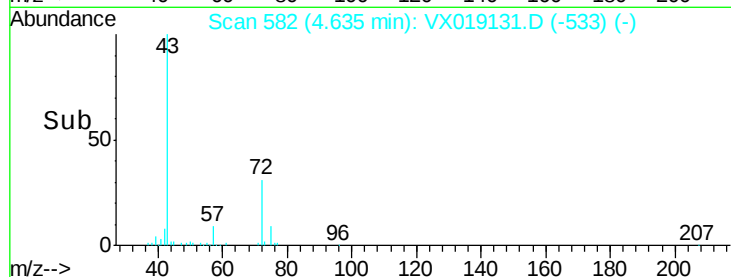
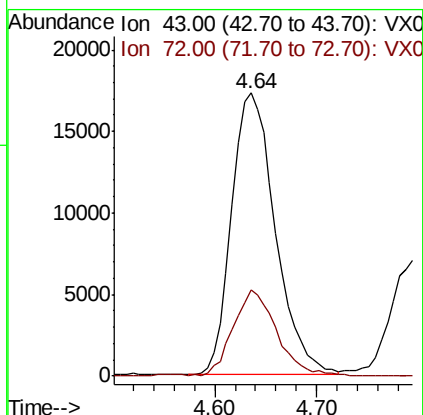
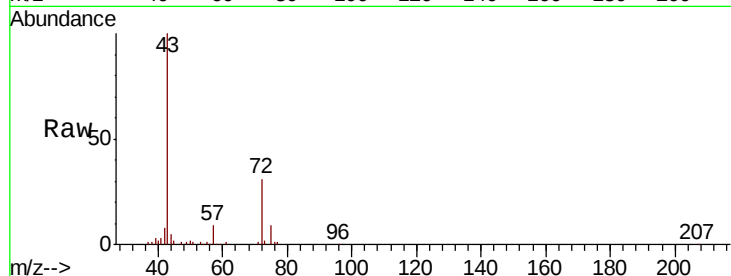




#25
2-Butanone
Concen: 27.503 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

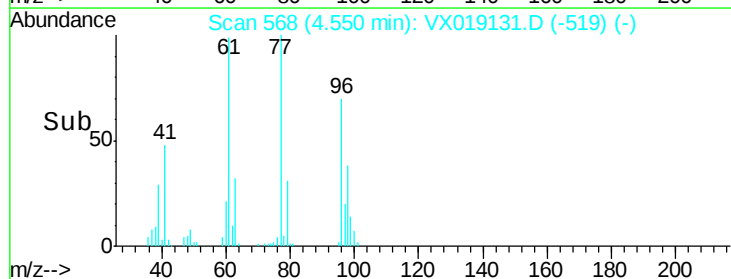
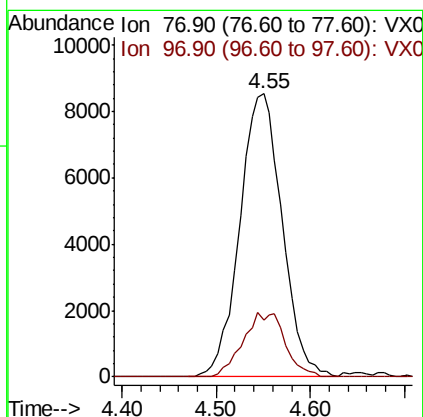
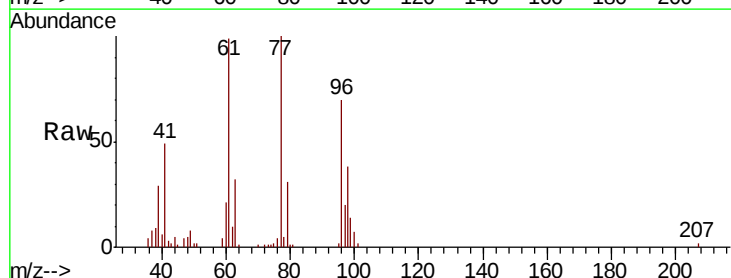
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

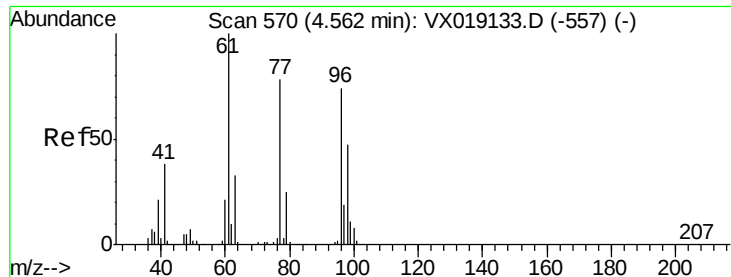
Tot Ion: 43 Resp: 51365
Ion Ratio Lower Upper
43 100
72 30.5 24.6 36.8



#26
2,2-Dichloropropane
Concen: 5.613 ug/l
RT: 4.55 min Scan# 568
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Tgt Ion: 77 Resp: 26801
Ion Ratio Lower Upper
77 100
97 22.5 11.4 34.1



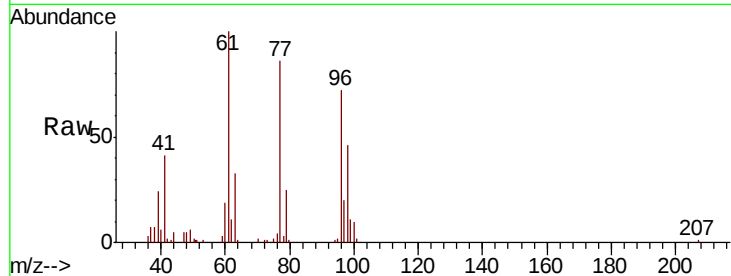


#27

cis-1,2-Dichloroethene
Concen: 5.260 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	140.6	0.0	278.8	
98	63.1	0.0	130.2	

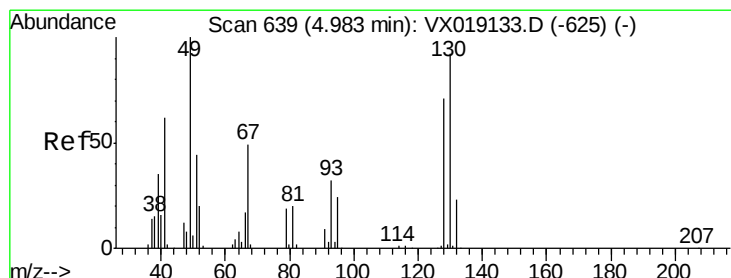
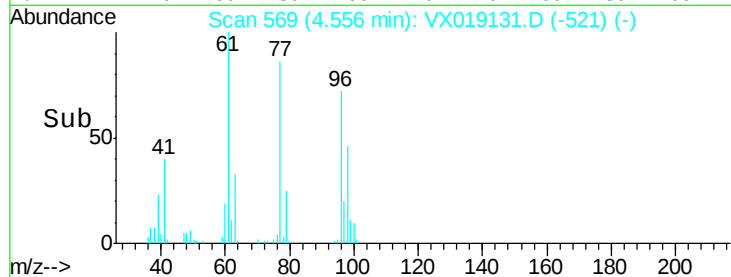
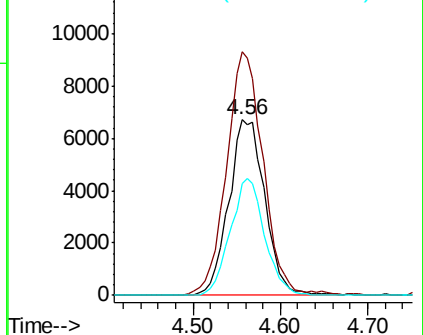


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

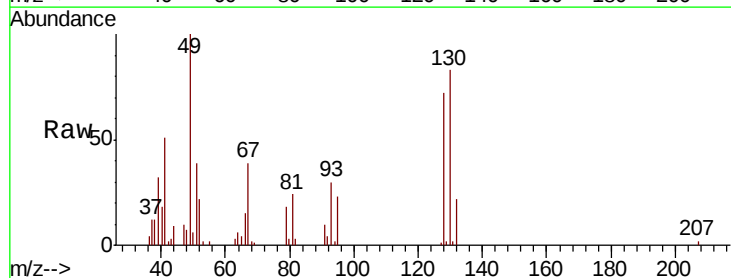
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 6.303 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Tgt Ion	Ion	Ratio	Lower	Upper
49	100			
129	1.6	0.0	4.4	
130	83.8	71.3	106.9	

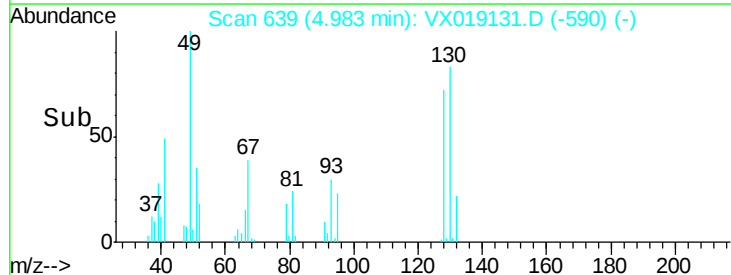
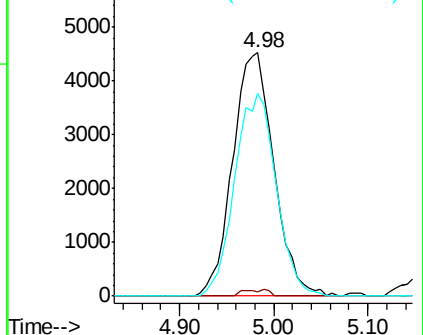


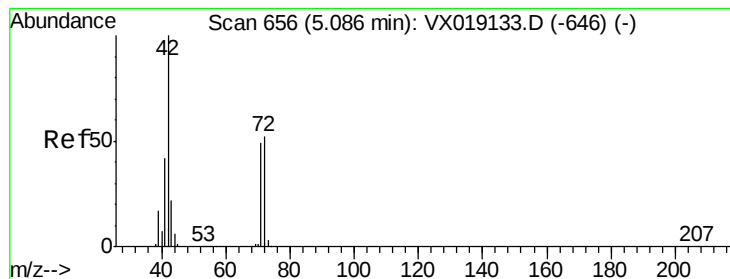
Abundance

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: 27.615 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

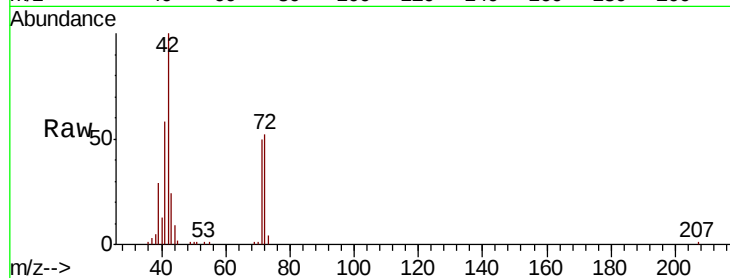
Tot Ion: 42 Resp: 32832

Ion Ratio Lower Upper

42 100

72 54.9 42.6 63.8

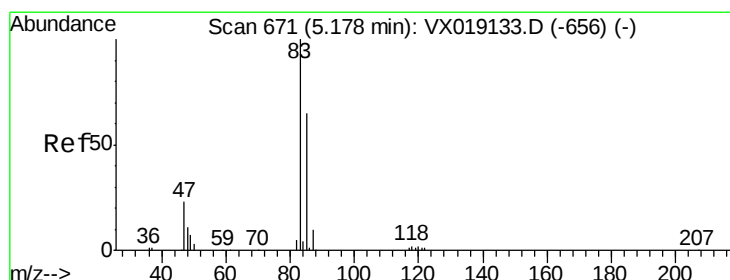
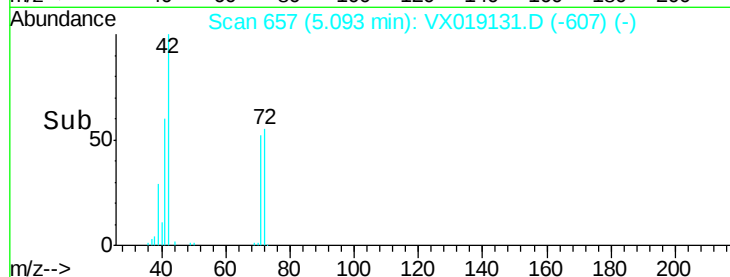
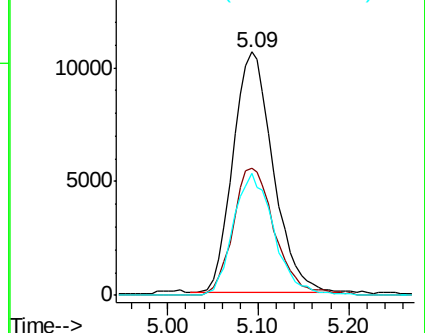
71 51.1 39.7 59.5



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 5.335 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX019131.D

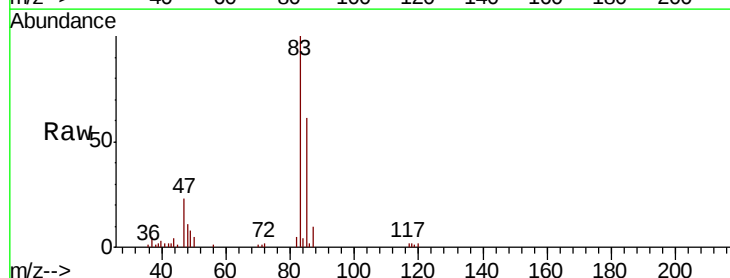
Acq: 27 Oct 2020 11:56

Tgt Ion: 83 Resp: 30004

Ion Ratio Lower Upper

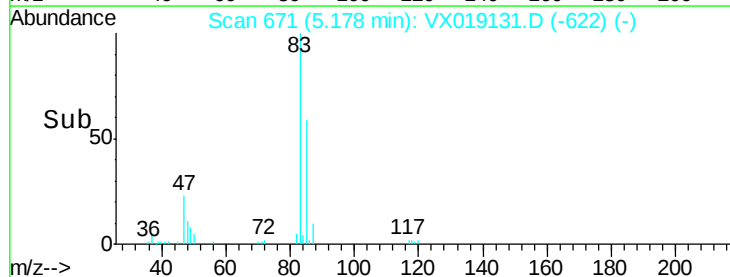
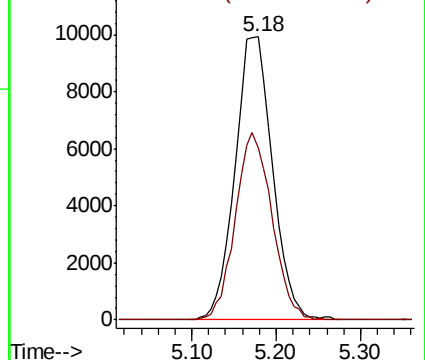
83 100

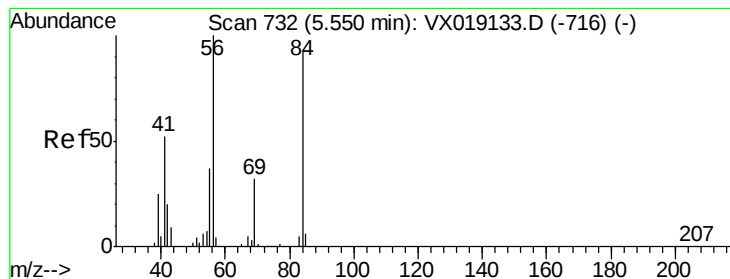
85 60.9 51.9 77.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 5.573 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

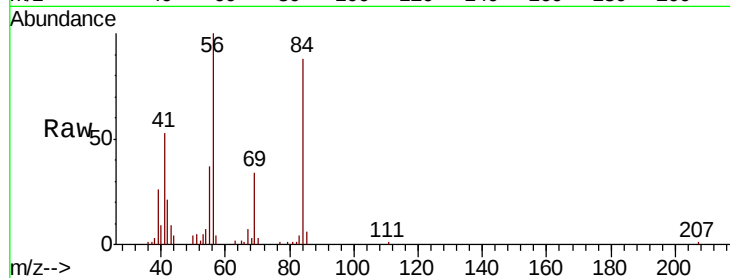
Tot Ion: 56 Resp: 25041

Ion Ratio Lower Upper

56 100

69 33.5 25.9 38.9

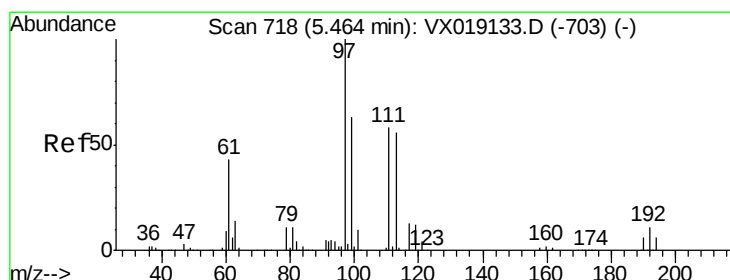
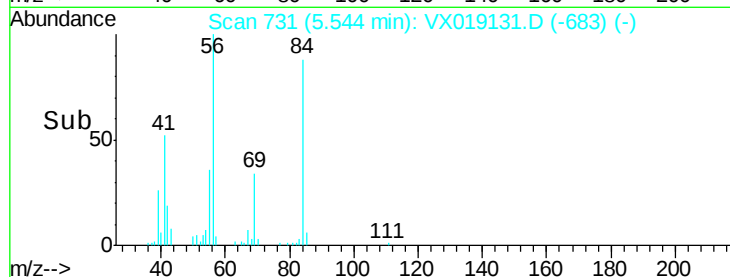
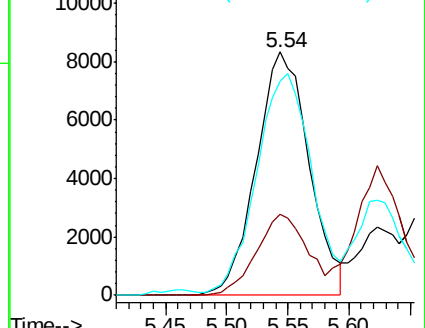
84 86.5 73.4 110.2



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: 5.282 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

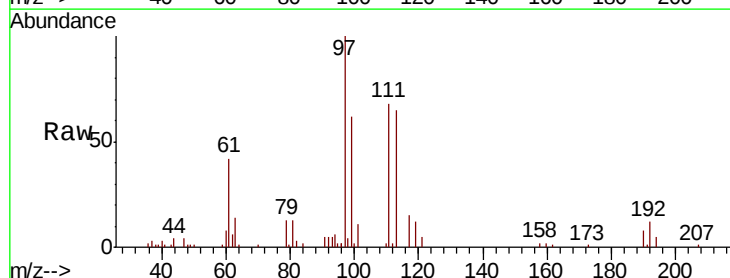
Tgt Ion: 97 Resp: 26502

Ion Ratio Lower Upper

97 100

99 64.5 51.7 77.5

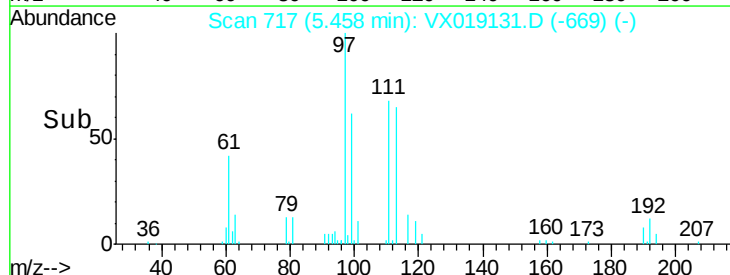
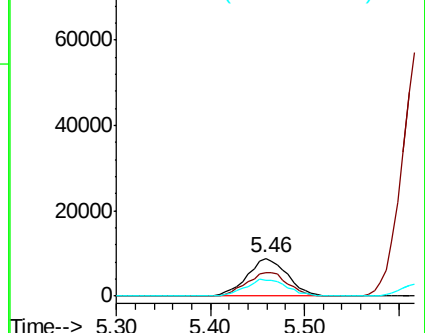
61 45.5 34.2 51.2

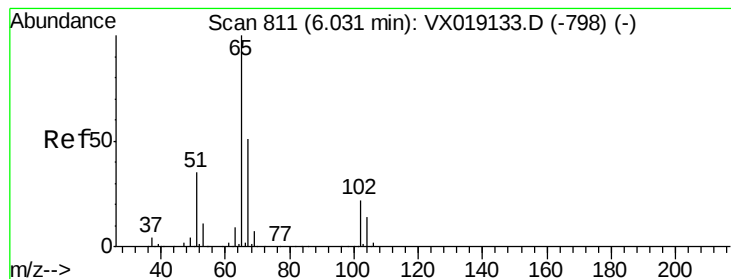


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 6.546 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

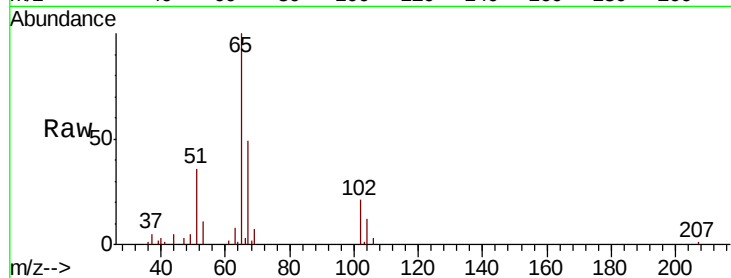
VSTDIC005

Tot Ion: 65 Resp: 23192

Ion Ratio Lower Upper

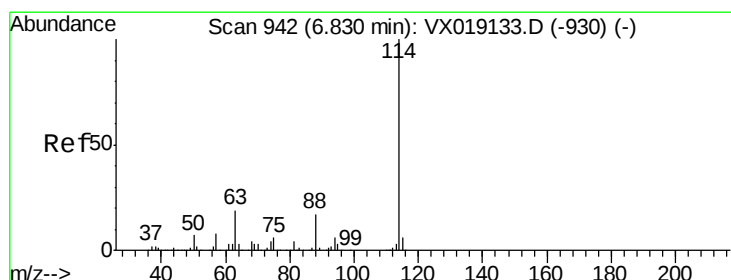
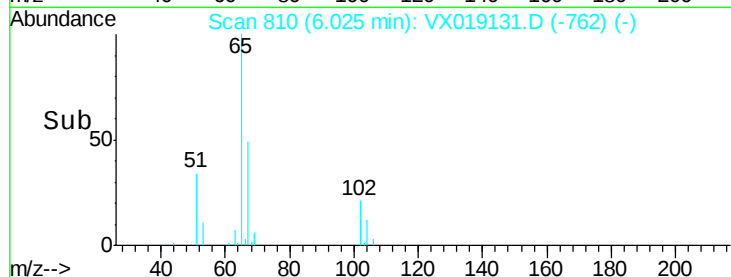
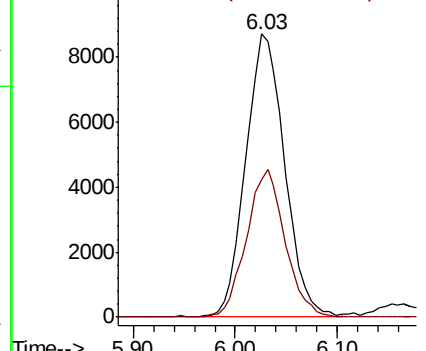
65 100

67 51.5 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

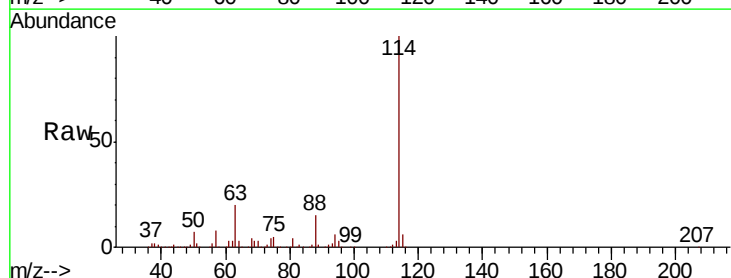
Tgt Ion: 114 Resp: 485795

Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.8

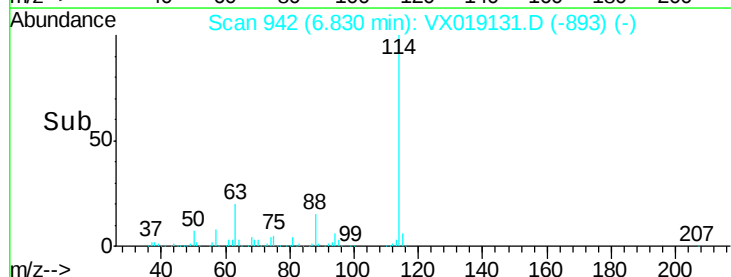
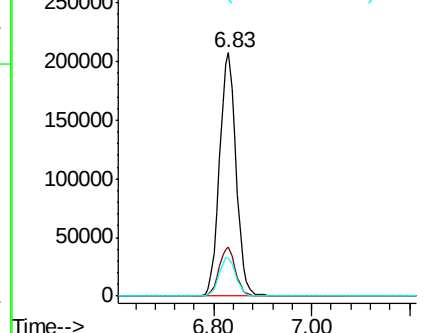
88 15.2 0.0 34.2

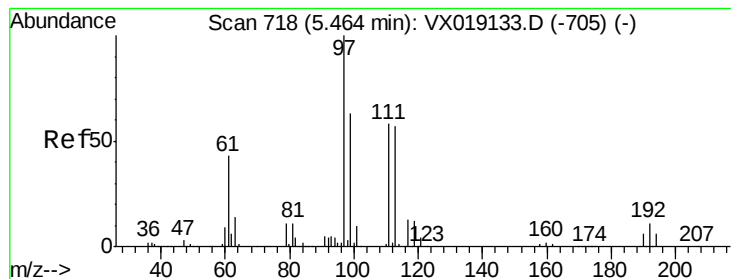


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 5.907 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

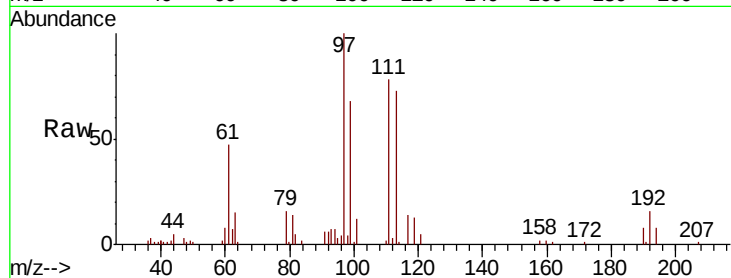
Tot Ion:113 Resp: 17632

Ion Ratio Lower Upper

113 100

111 103.5 82.3 123.5

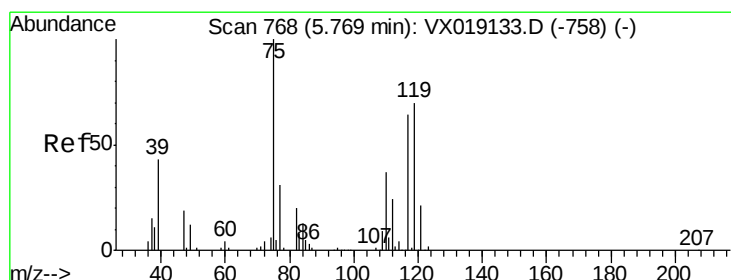
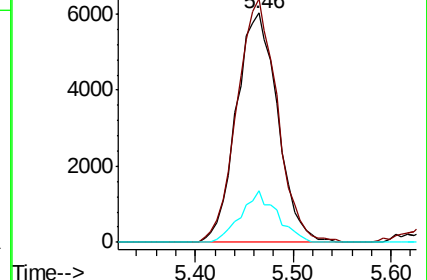
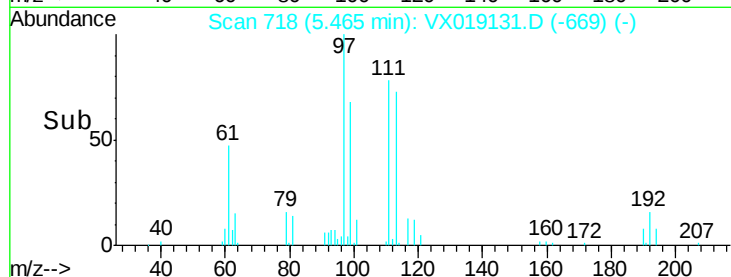
192 19.7 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.393 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

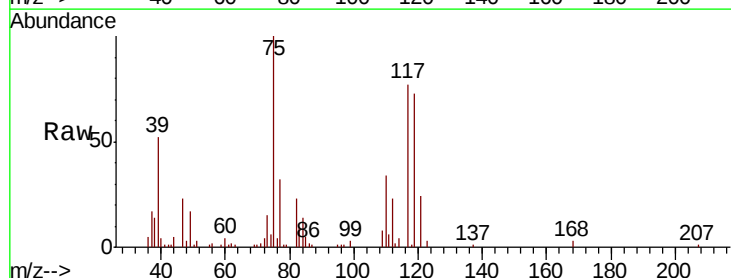
Tgt Ion: 75 Resp: 22972

Ion Ratio Lower Upper

75 100

110 36.4 18.3 54.9

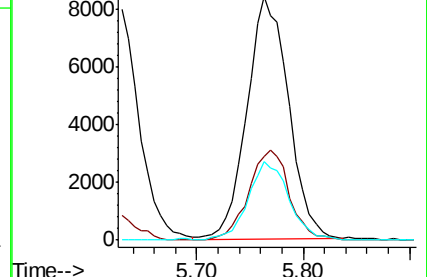
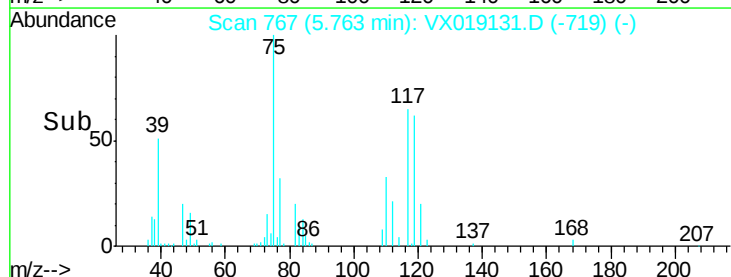
77 31.7 24.9 37.3

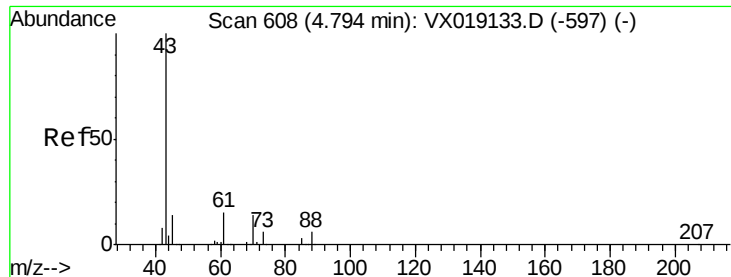


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

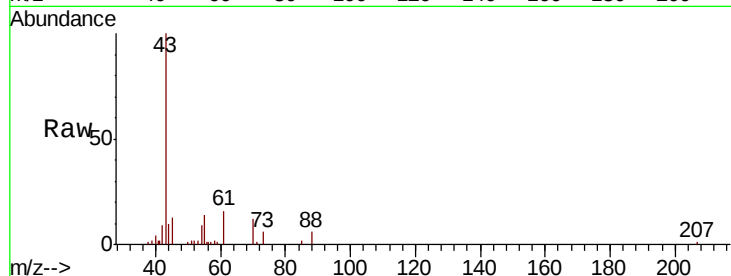




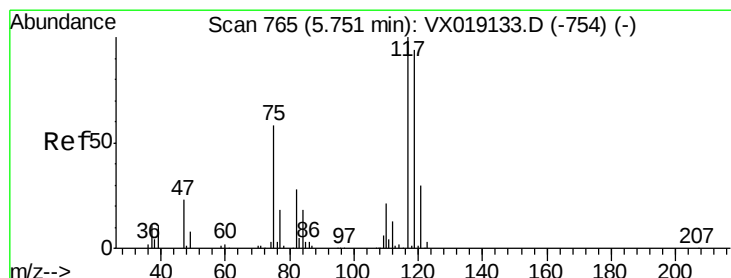
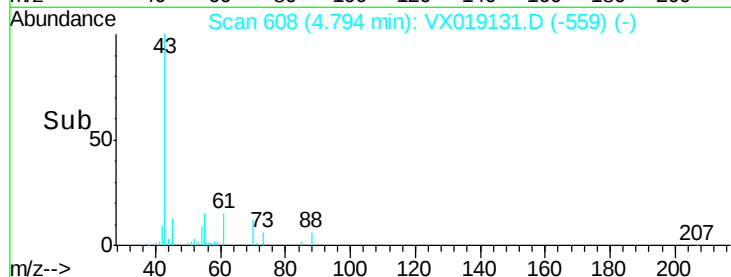
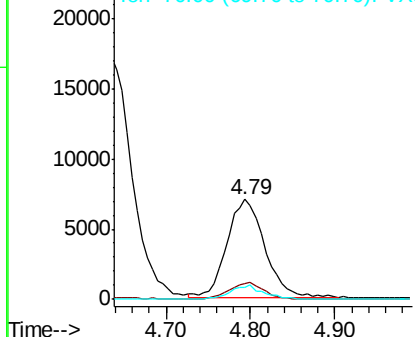
#37
Ethyl Acetate
Concen: 5.726 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	12.5	18.7
70	12.0	10.5	15.7

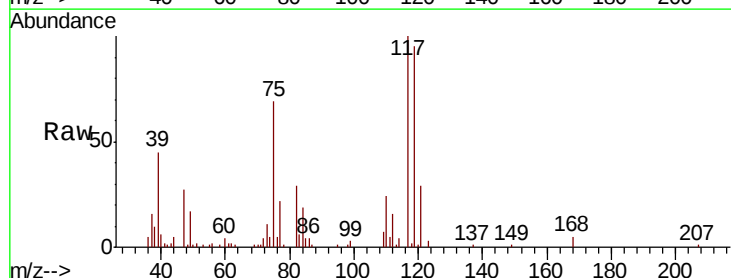


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

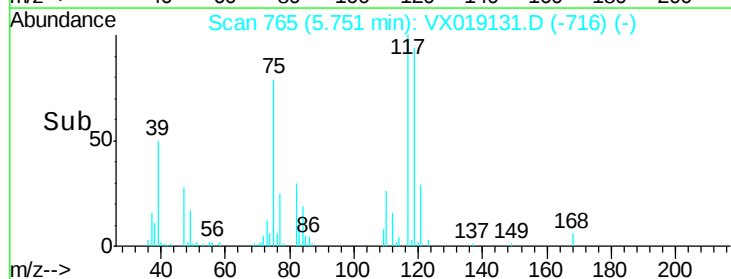
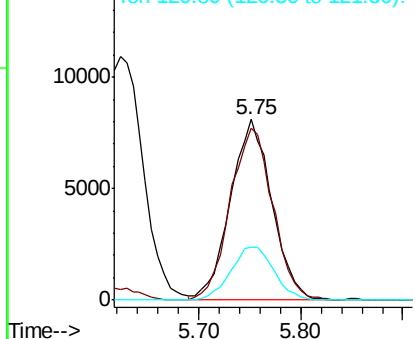


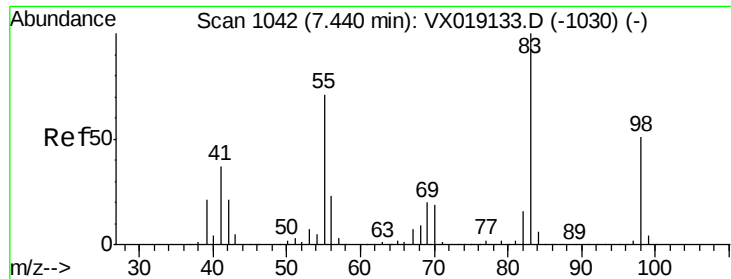
#38
Carbon Tetrachloride
Concen: 5.229 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	75.0	112.6
121	29.5	23.9	35.9



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

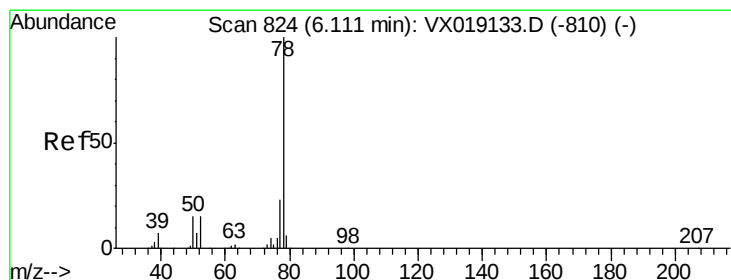
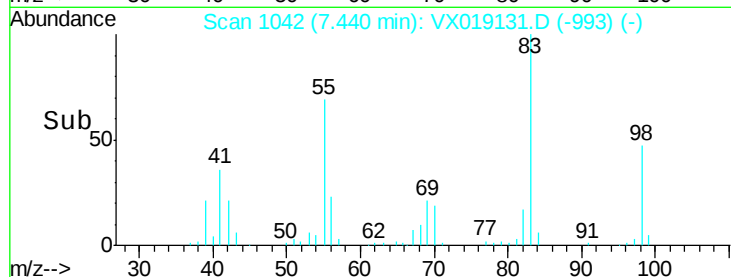
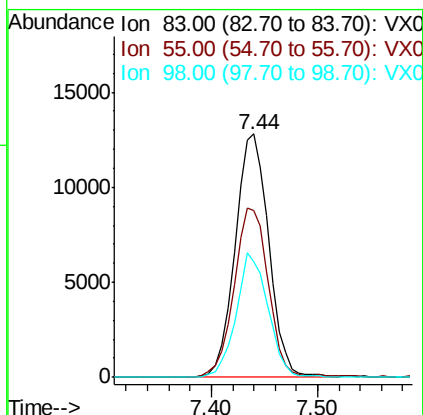
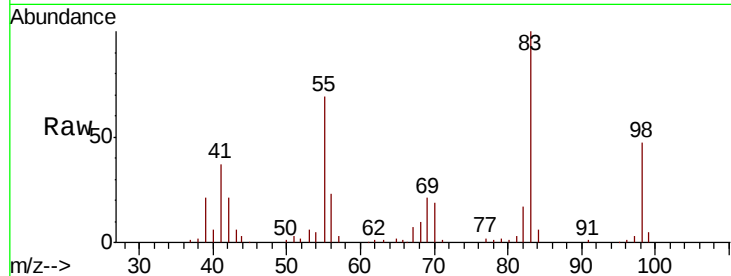




#39
Methvlcvclohexane
Concen: 5.445 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

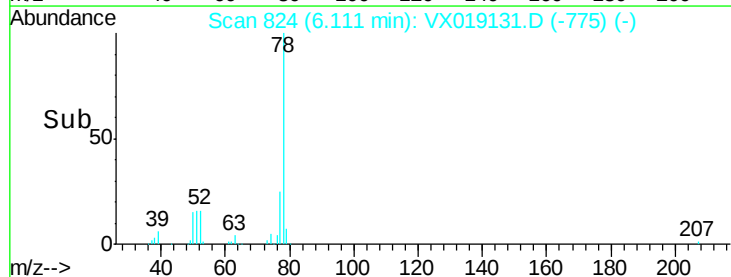
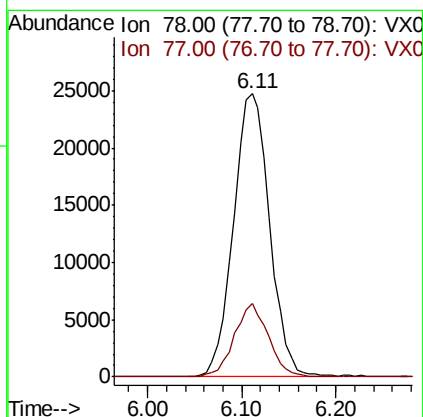
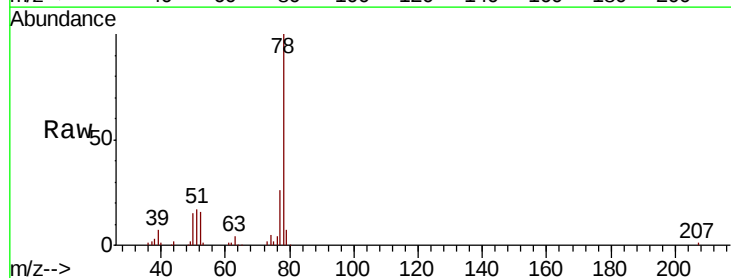
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

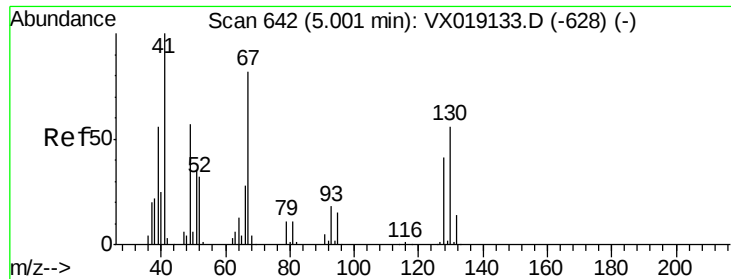
Tot Ion: 83 Resp: 28440
Ion Ratio Lower Upper
83 100
55 68.6 57.0 85.6
98 47.5 40.5 60.7



#40
Benzene
Concen: 5.302 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Tgt Ion: 78 Resp: 66209
Ion Ratio Lower Upper
78 100
77 26.0 18.7 28.1

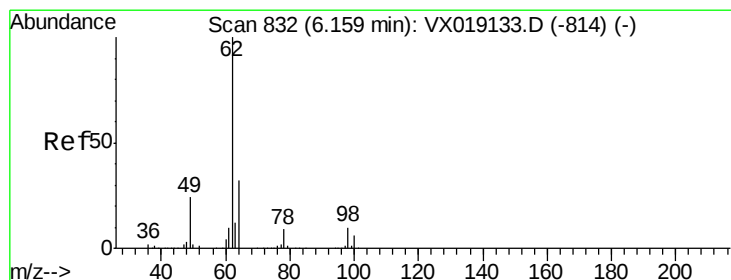
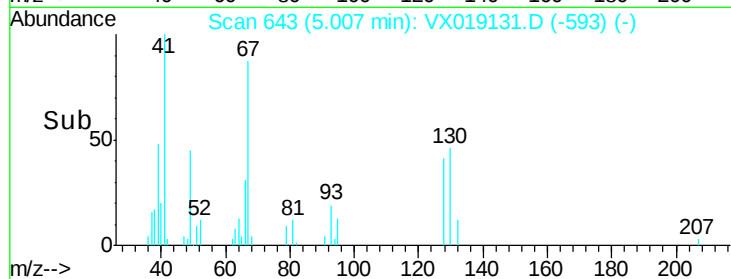
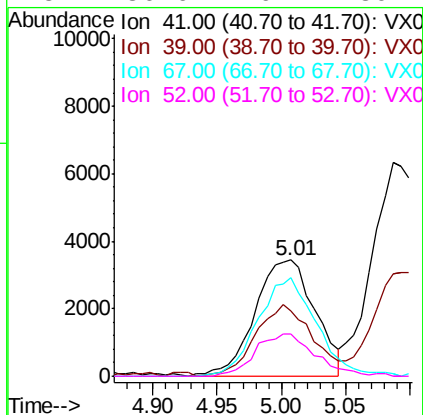
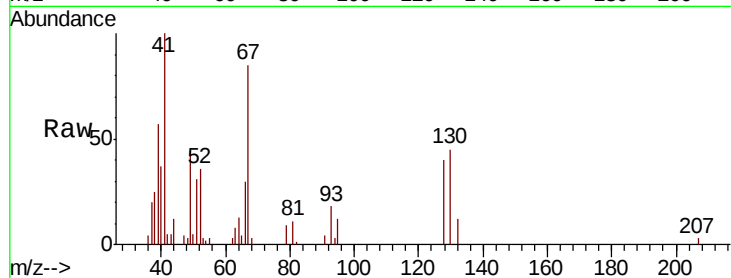




#41
Methacrylonitrile
Concen: 5.732 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

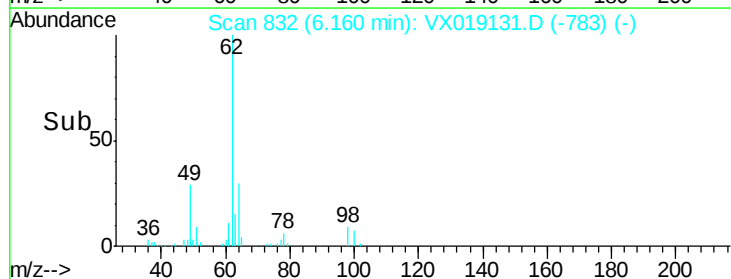
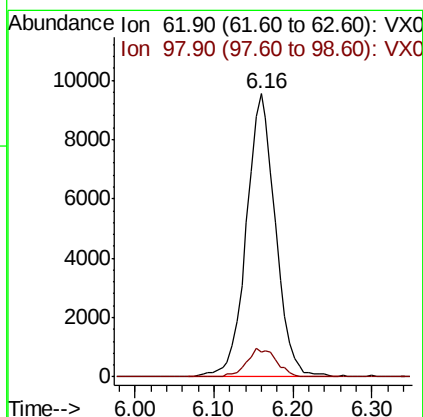
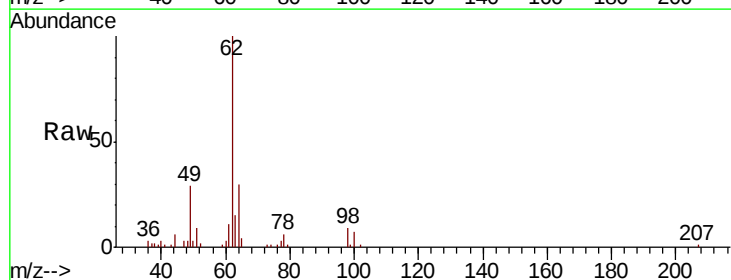
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

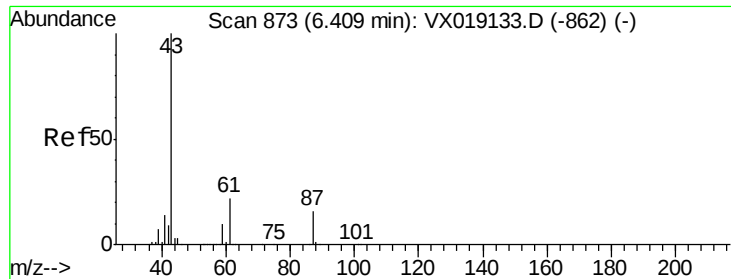
Tot Ion:	41	Resp:	11118
Ion	Ratio	Lower	Upper
41	100		
39	59.5	44.4	66.6
67	83.1	66.4	99.6
52	36.6	26.2	39.4



#42
1,2-Dichloroethane
Concen: 5.728 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Tgt Ion:	62	Resp:	24449
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.0





#43

Isopropyl Acetate

Concen: 5.738 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

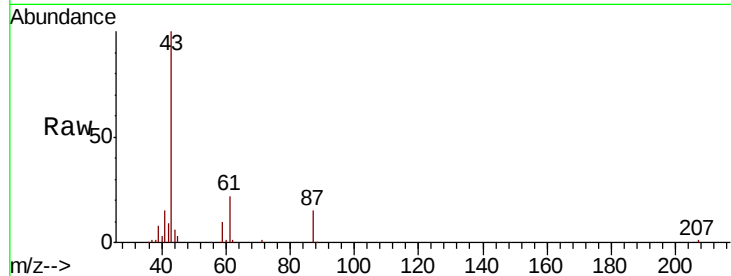
Tot Ion: 43 Resp: 35282

Ion Ratio Lower Upper

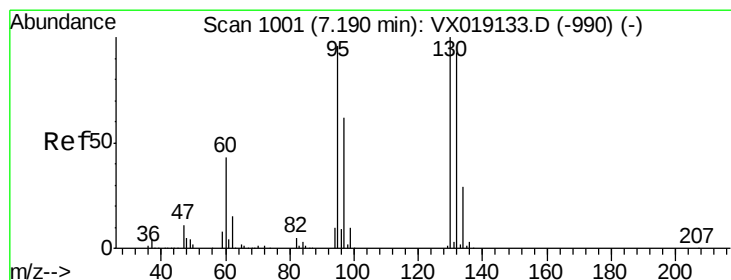
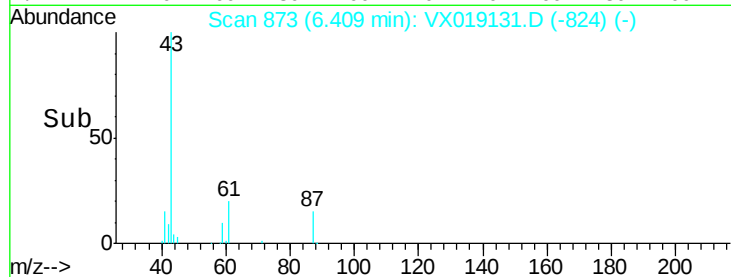
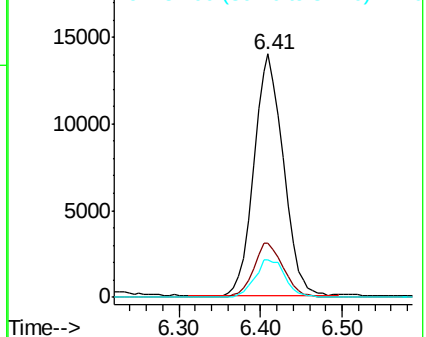
43 100

61 22.6 17.8 26.6

87 15.8 12.6 19.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 5.244 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX019131.D

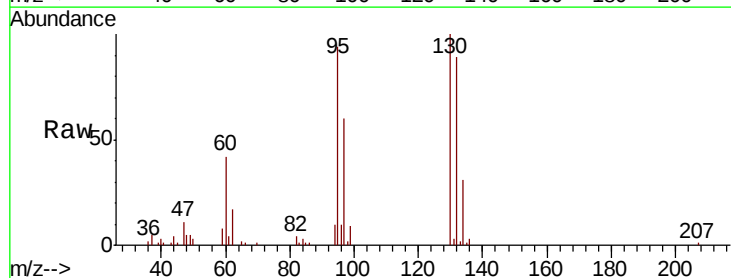
Acq: 27 Oct 2020 11:56

Tgt Ion: 130 Resp: 18752

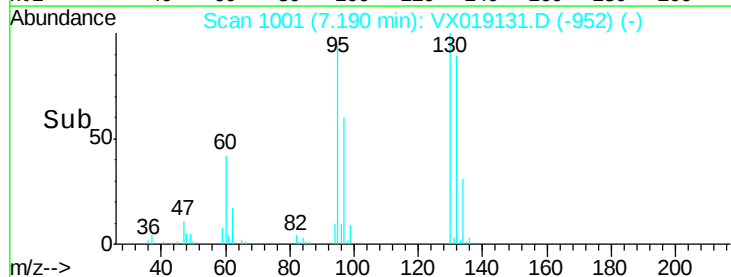
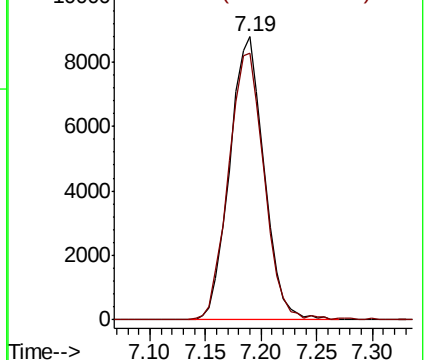
Ion Ratio Lower Upper

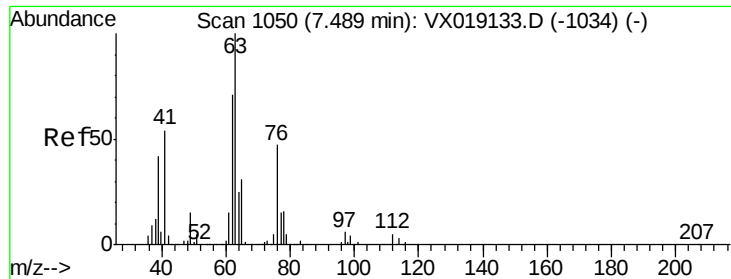
130 100

95 94.1 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 5.505 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

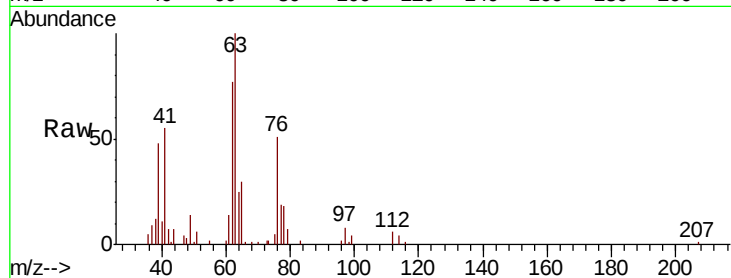
VSTDIC005

Tot Ion: 63 Resp: 16166

Ion Ratio Lower Upper

63 100

65 30.0 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

8000

6000

4000

2000

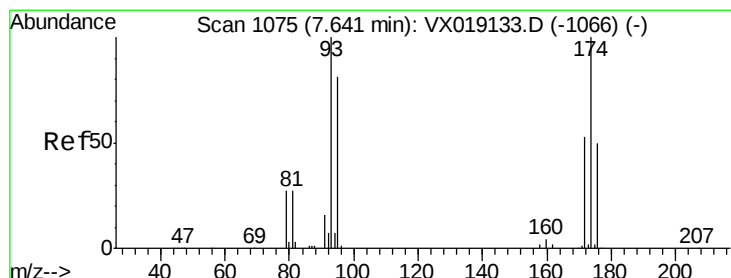
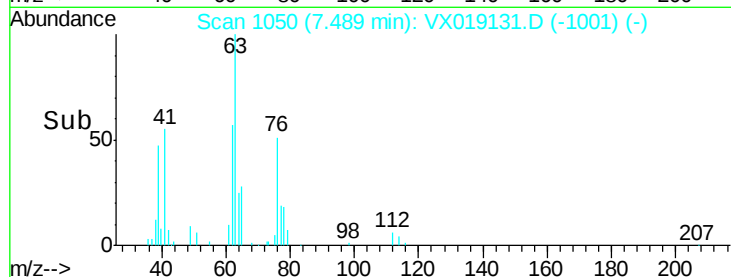
0

Time-->

7.40

7.50

7.60



#46

Dibromomethane

Concen: 5.220 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

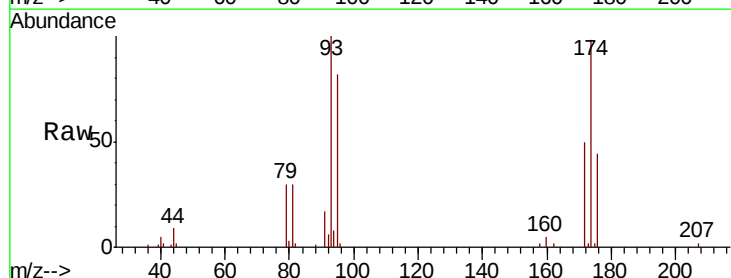
Tgt Ion: 93 Resp: 11550

Ion Ratio Lower Upper

93 100

95 82.4 67.0 100.6

174 101.6 81.7 122.5



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

8000

6000

4000

2000

0

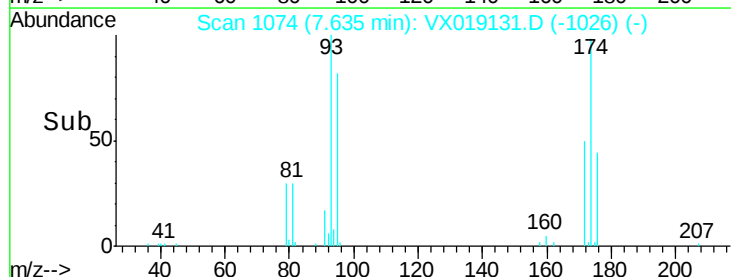
Time-->

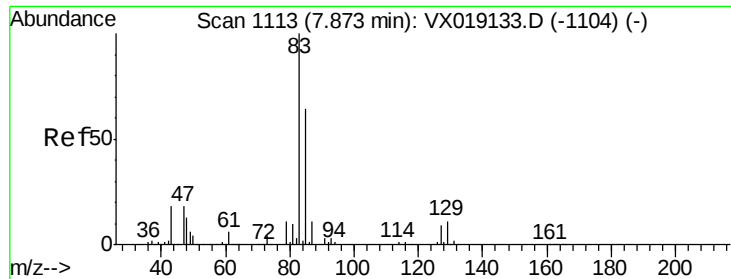
7.55

7.60

7.65

7.70





#47

Bromodichloromethane

Concen: 5.204 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

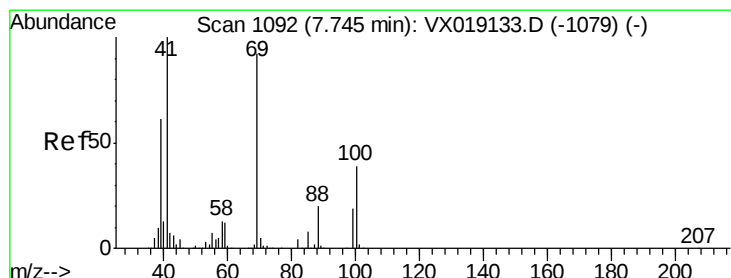
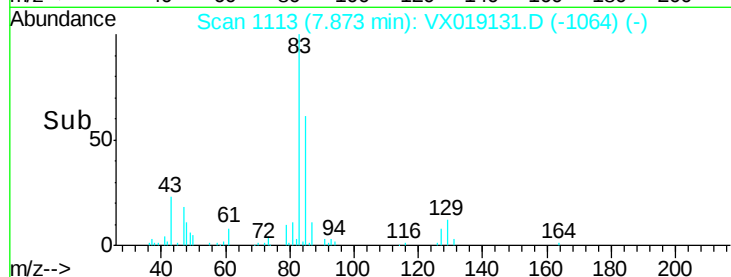
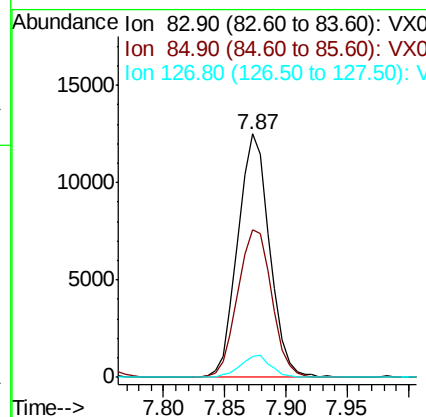
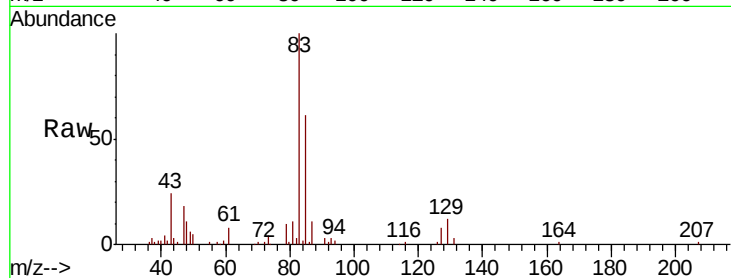
Tot Ion: 83 Resp: 22518

Ion Ratio Lower Upper

83 100

85 60.6 51.2 76.8

127 8.5 7.1 10.7



#48

Methyl methacrylate

Concen: 5.598 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

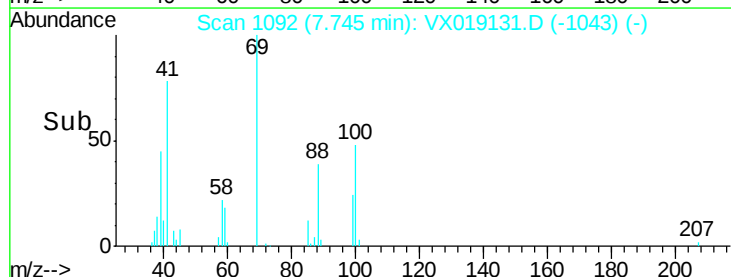
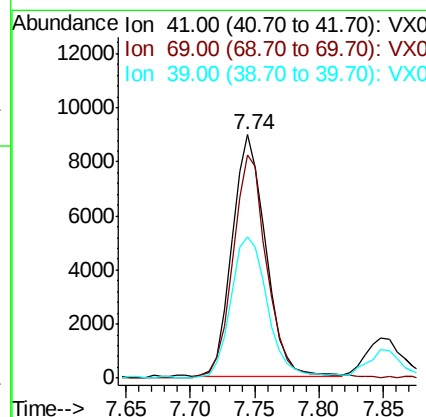
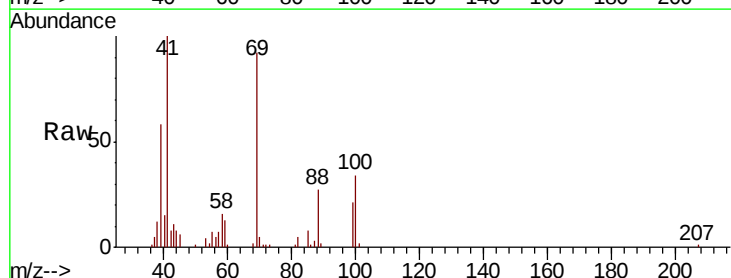
Tgt Ion: 41 Resp: 16232

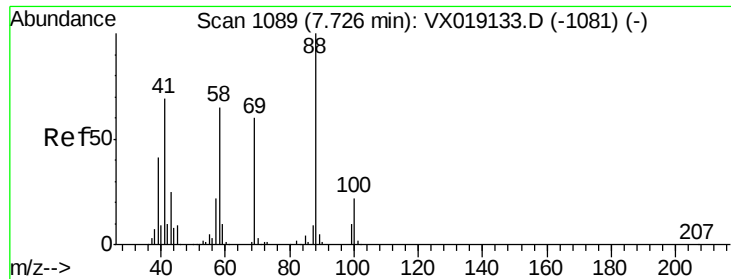
Ion Ratio Lower Upper

41 100

69 93.1 75.5 113.3

39 64.6 48.9 73.3

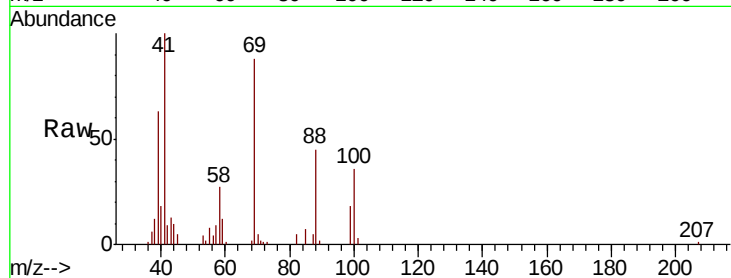




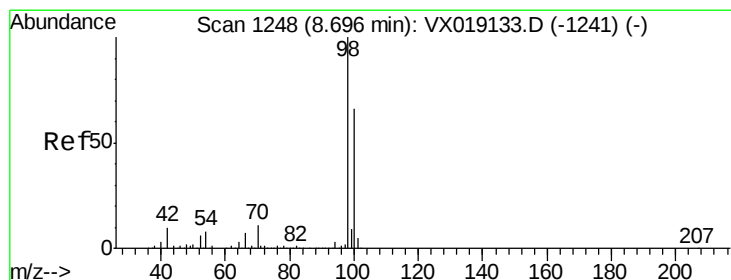
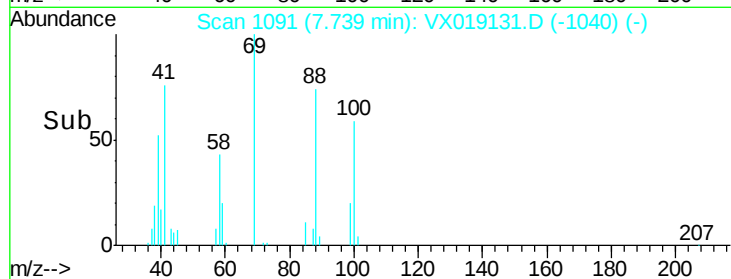
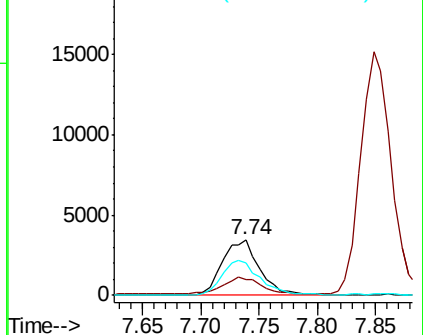
#49
1,4-Dioxane
Concen: 101.930 ug/l
RT: 7.74 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 88 Resp: 7625
Ion Ratio Lower Upper
88 100
43 31.1 23.0 34.6
58 64.5 52.2 78.2

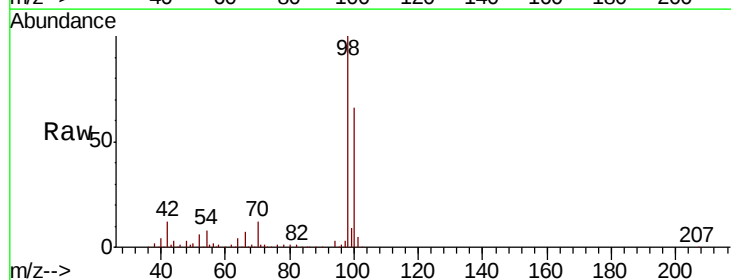


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

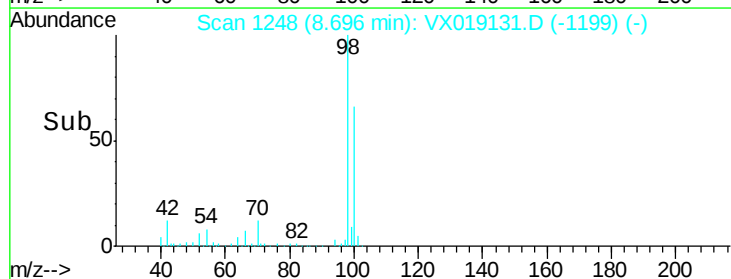
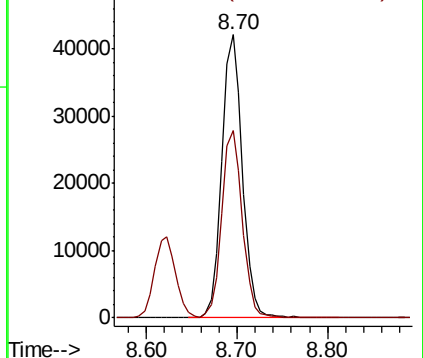


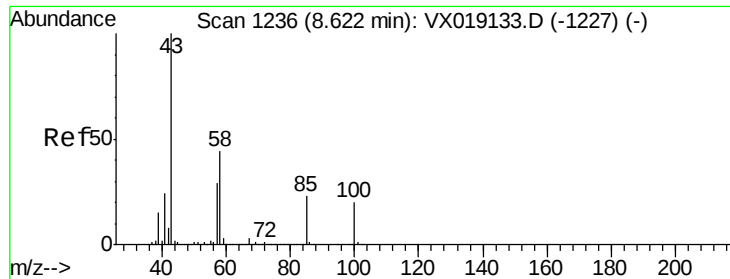
#50
Toluene-d8
Concen: 5.797 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Tgt Ion: 98 Resp: 66696
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.6



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





#51

4-Methyl-2-Pentanone

Concen: 28.434 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

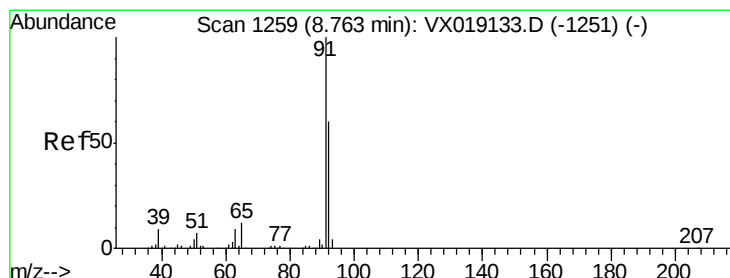
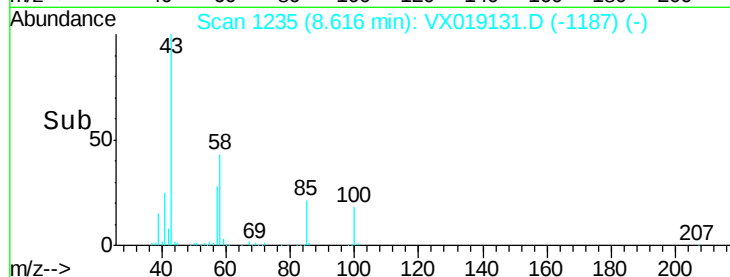
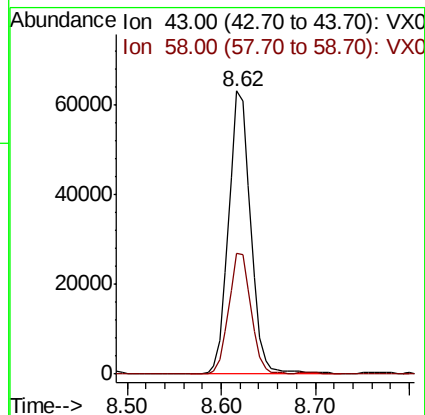
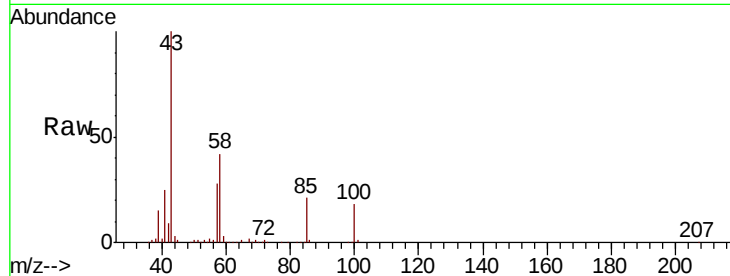
VSTDIC005

Tot Ion: 43 Resp: 102134

Ion Ratio Lower Upper

43 100

58 43.3 35.0 52.4



#52

Toluene

Concen: 5.225 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019131.D

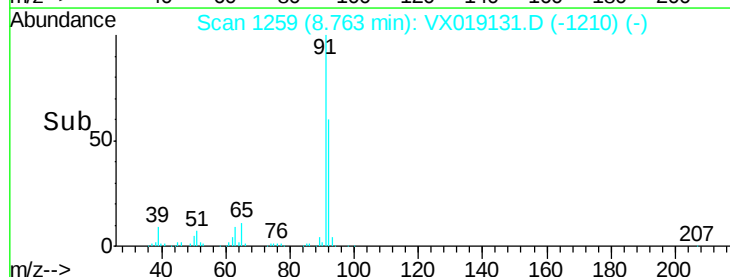
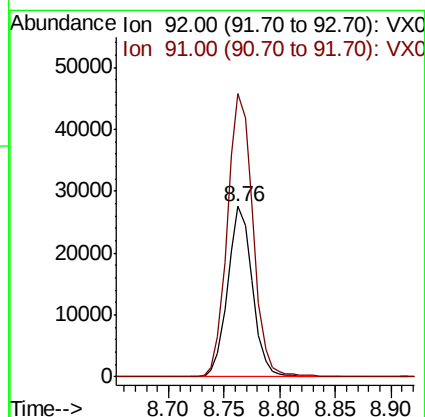
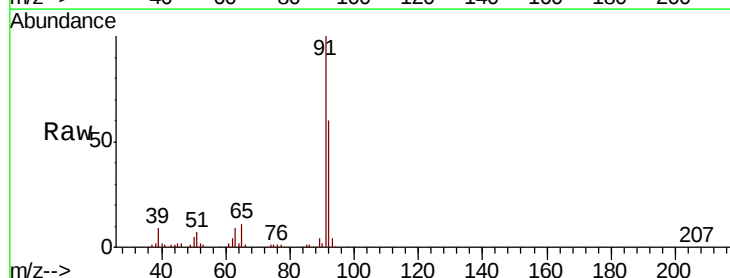
Acq: 27 Oct 2020 11:56

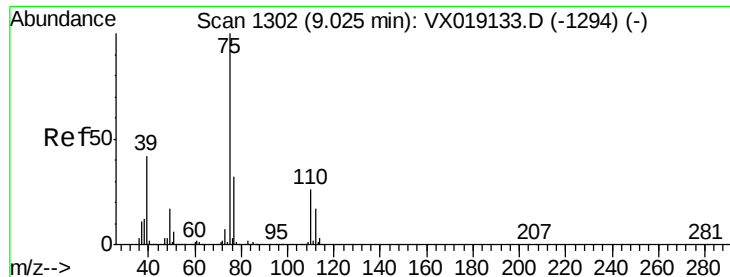
Tgt Ion: 92 Resp: 42200

Ion Ratio Lower Upper

92 100

91 172.4 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 5.311 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

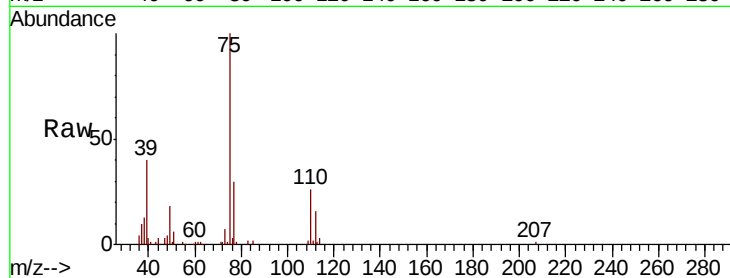
VSTDIC005

Tot Ion: 75 Resp: 25399

Ion Ratio Lower Upper

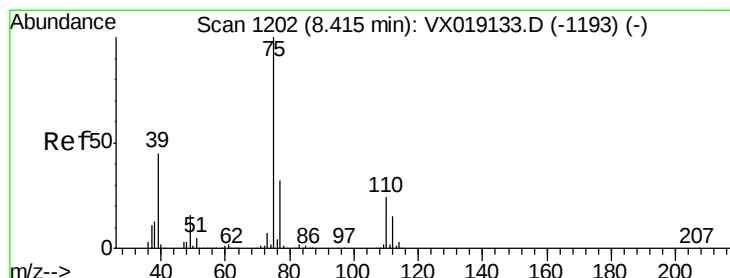
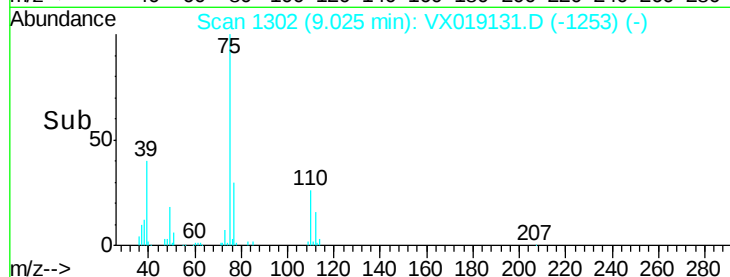
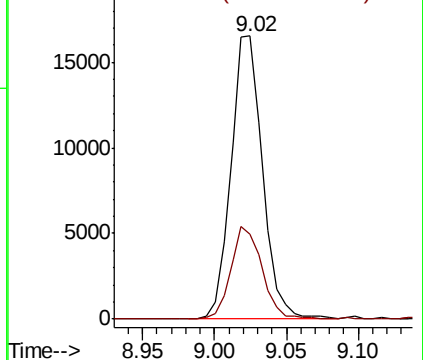
75 100

77 30.0 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 5.347 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

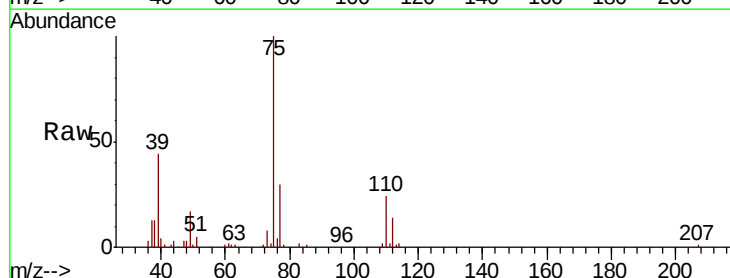
Tgt Ion: 75 Resp: 27234

Ion Ratio Lower Upper

75 100

77 30.0 25.5 38.3

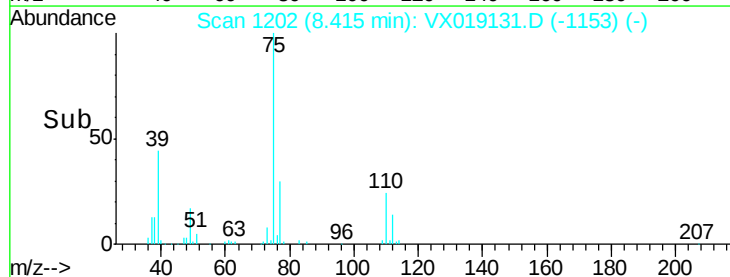
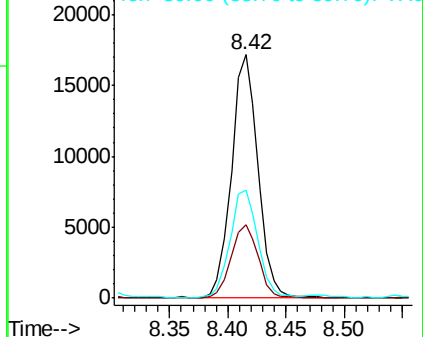
39 44.3 36.2 54.2

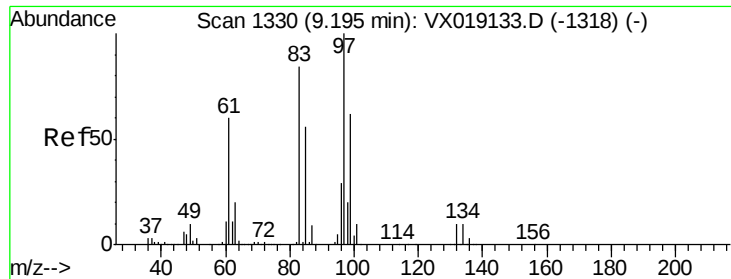


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

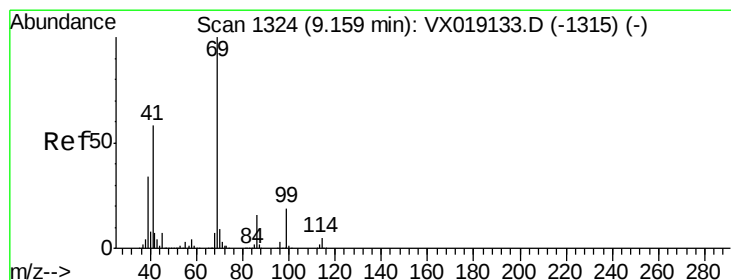
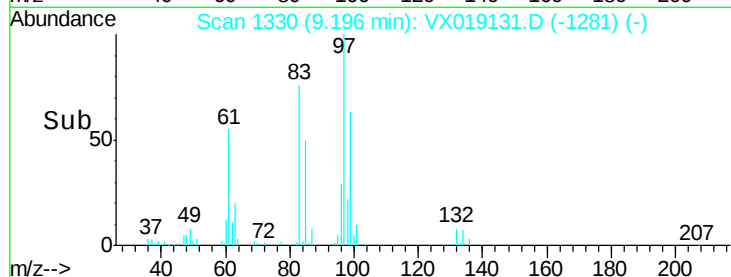
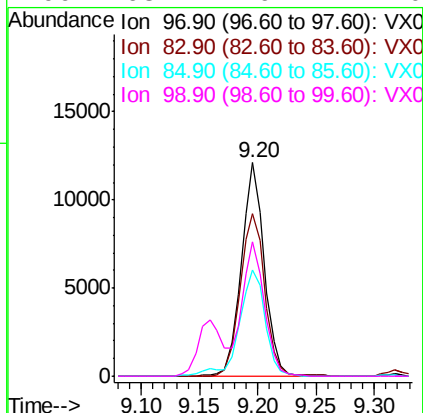
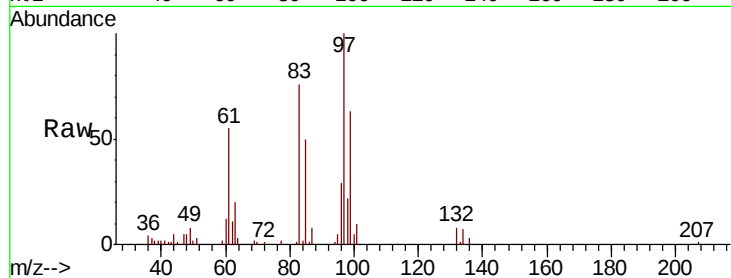




#55
 1,1,2-Trichloroethane
 Concen: 5.183 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019131.D
 Acq: 27 Oct 2020 11:56

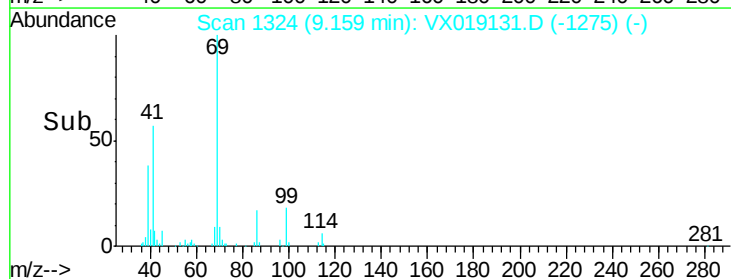
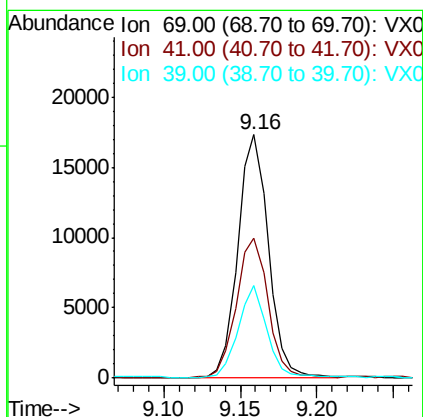
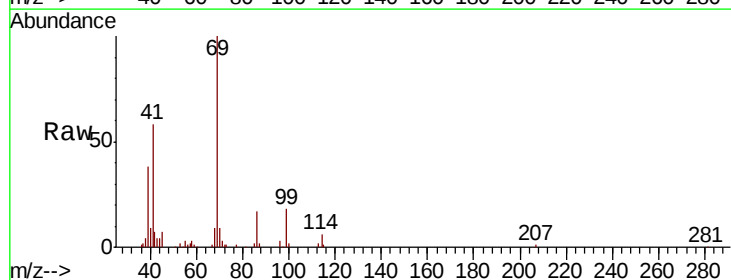
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

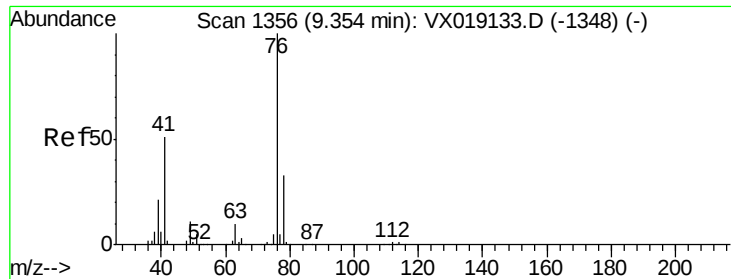
Tot Ion:	97	Resp:	16669
Ion	Ratio	Lower	Upper
97	100		
83	76.2	67.2	100.8
85	50.0	44.6	67.0
99	63.2	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 5.183 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX019131.D
 Acq: 27 Oct 2020 11:56

Tgt Ion:	69	Resp:	24063
Ion	Ratio	Lower	Upper
69	100		
41	60.8	46.5	69.7
39	35.9	27.6	41.4

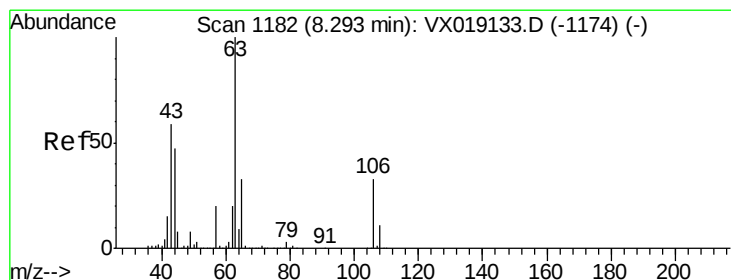
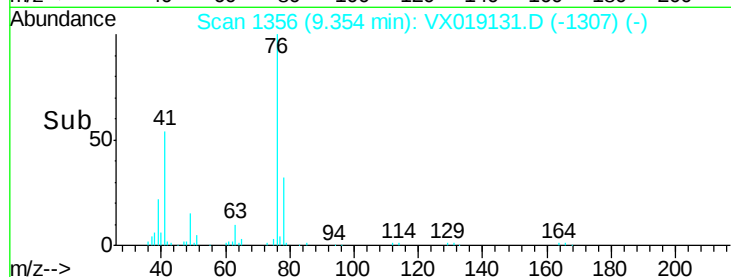
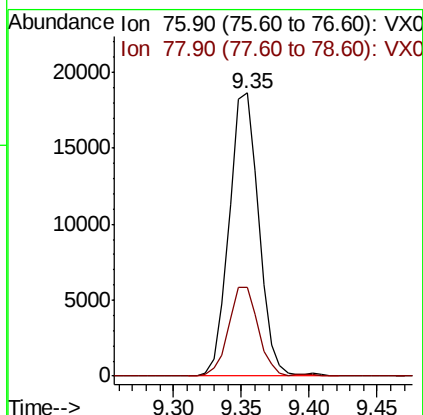
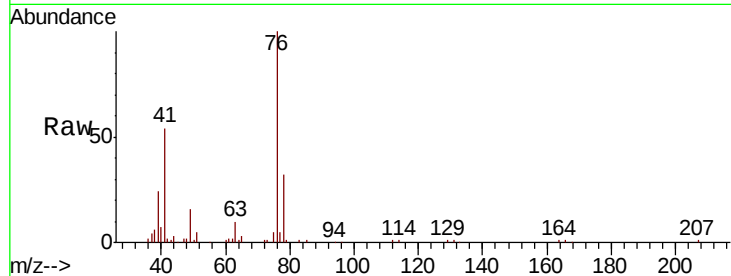




#57
 1,3-Dichloropropane
 Concen: 5.374 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX019131.D
 Acq: 27 Oct 2020 11:56

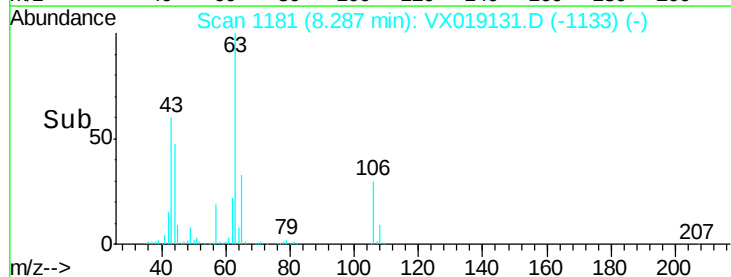
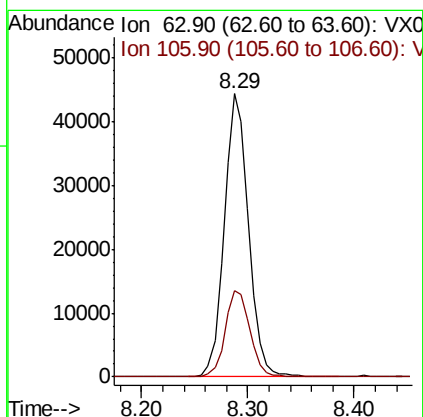
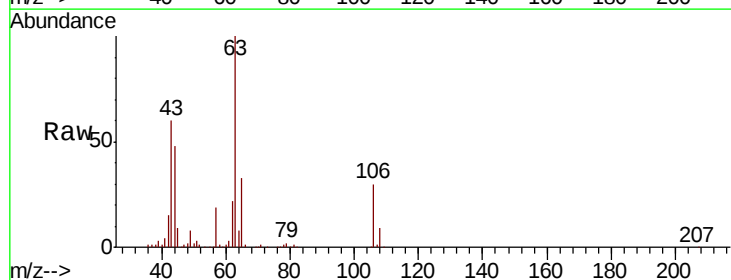
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

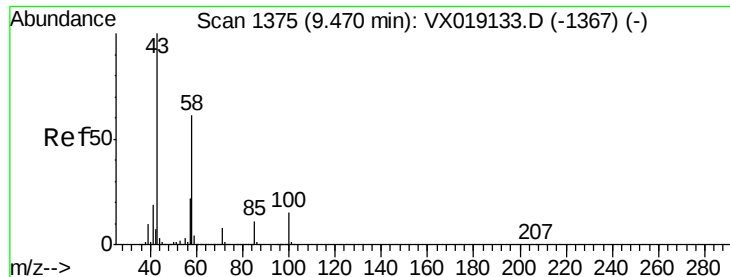
Tot Ion: 76 Resp: 28302
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 28.044 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX019131.D
 Acq: 27 Oct 2020 11:56

Tgt Ion: 63 Resp: 70528
 Ion Ratio Lower Upper
 63 100
 106 31.2 25.1 37.7

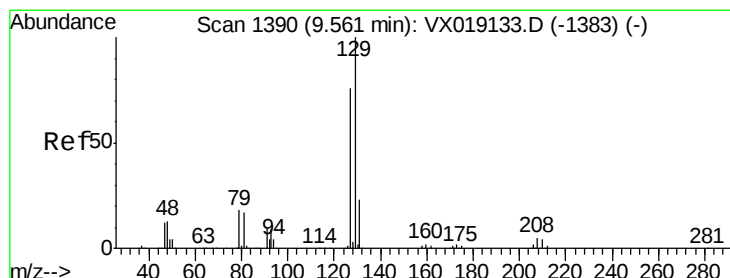
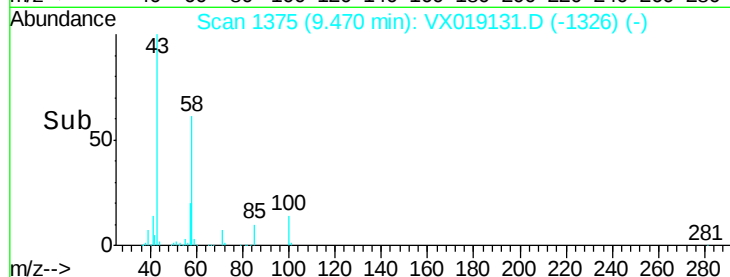
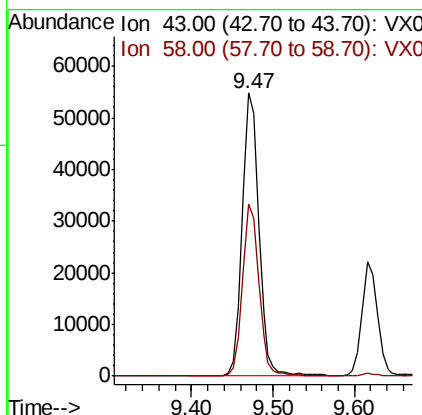
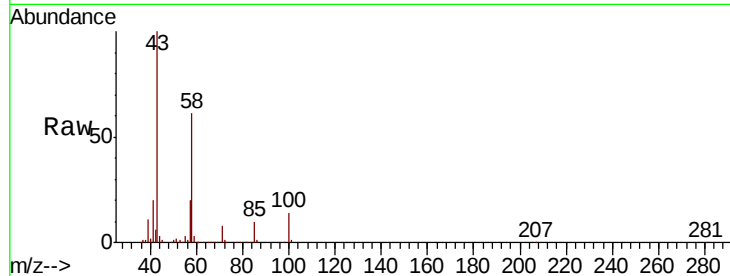




#59
2-Hexanone
Concen: 28.412 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

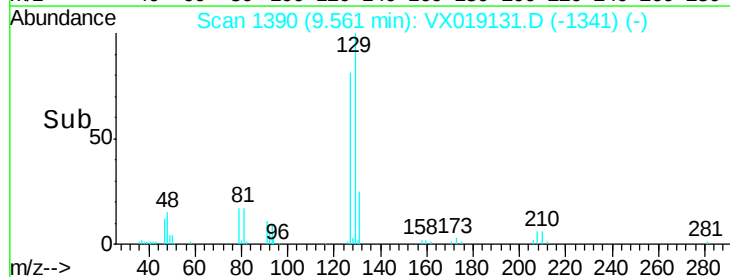
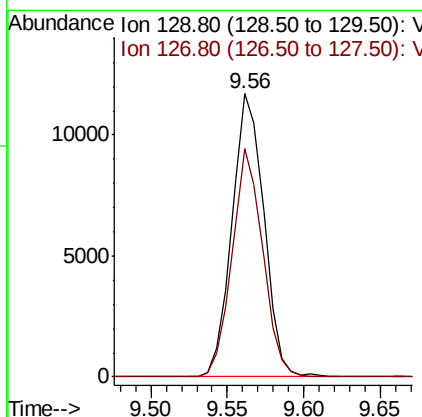
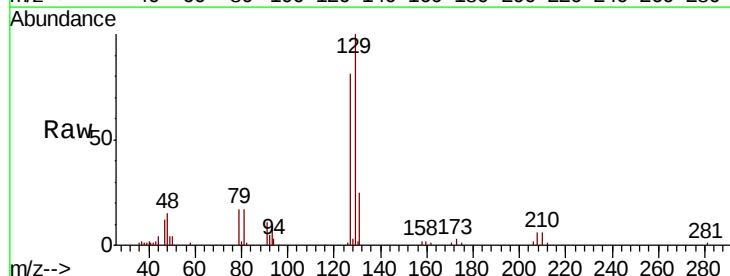
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

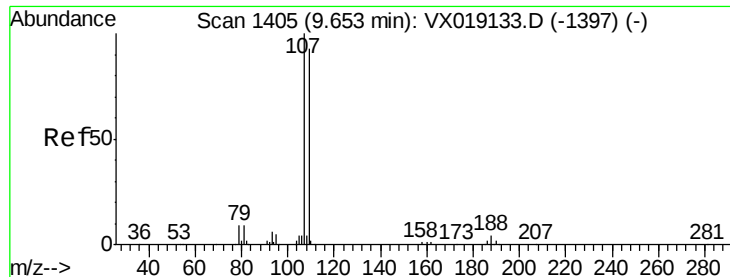
Tot Ion: 43 Resp: 77634
Ion Ratio Lower Upper
43 100
58 59.6 30.5 91.5



#60
Dibromochloromethane
Concen: 4.937 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Tgt Ion: 129 Resp: 16925
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.8





#61

1,2-Dibromoethane

Concen: 5.047 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

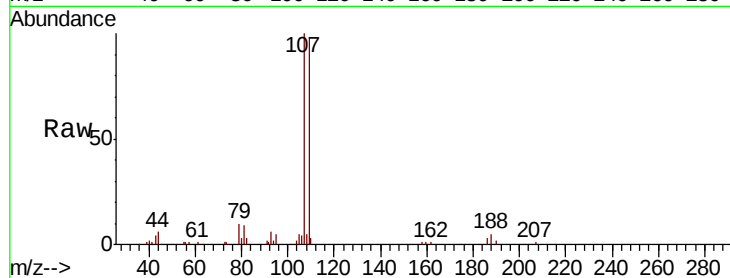
VSTDIC005

Tot Ion:107 Resp: 17222

Ion Ratio Lower Upper

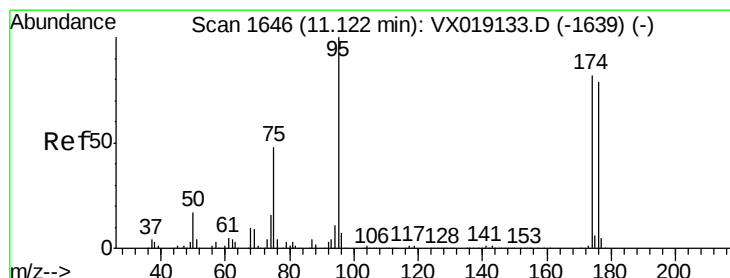
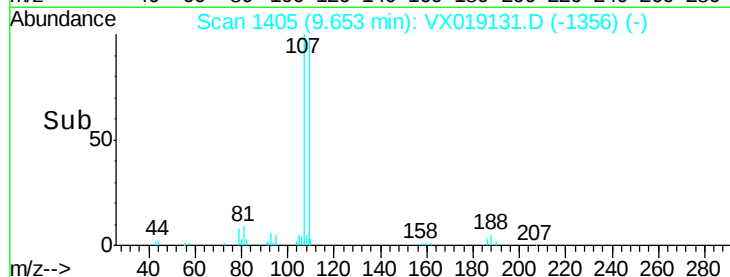
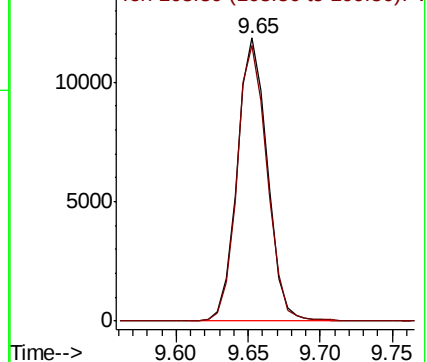
107 100

109 97.5 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 5.918 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

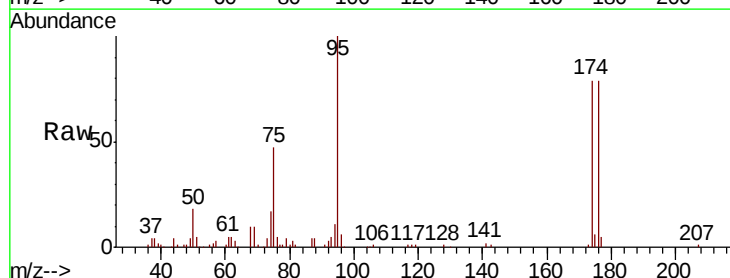
Tgt Ion: 95 Resp: 24295

Ion Ratio Lower Upper

95 100

174 76.3 0.0 156.0

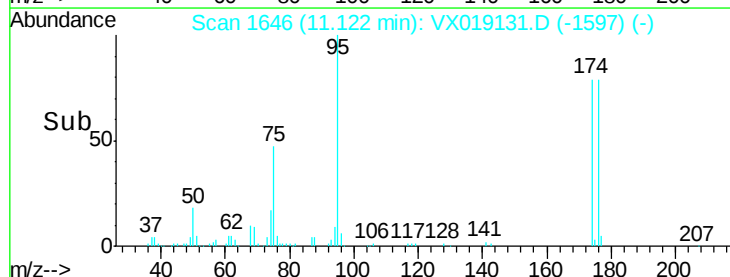
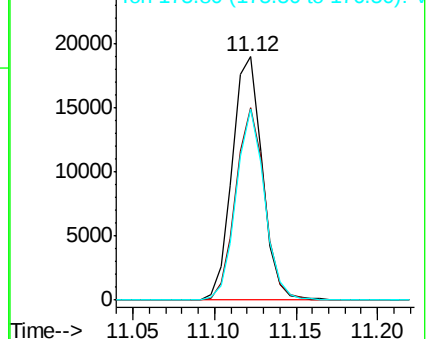
176 74.4 0.0 149.8

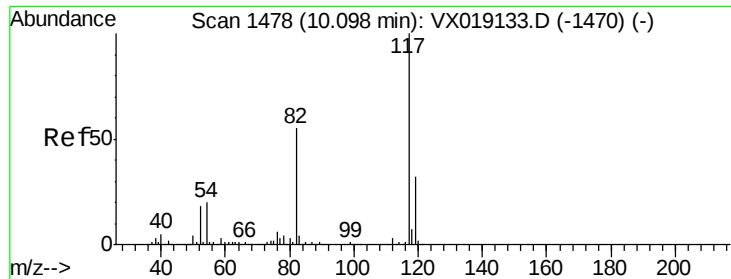


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

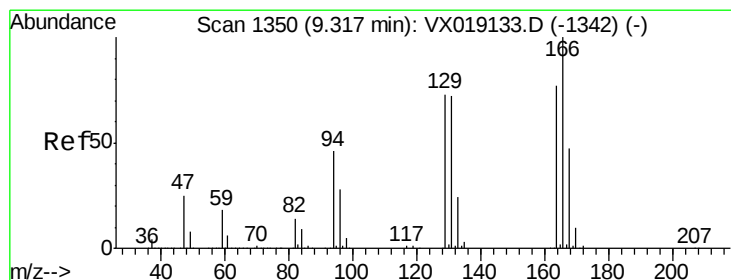
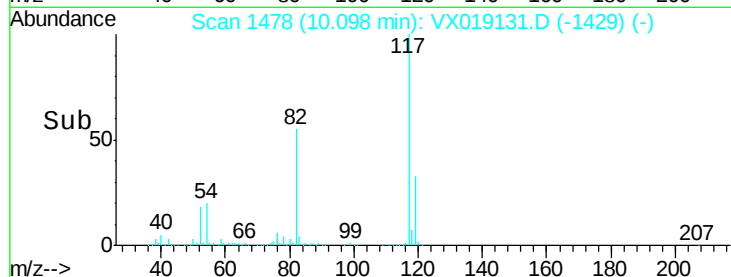
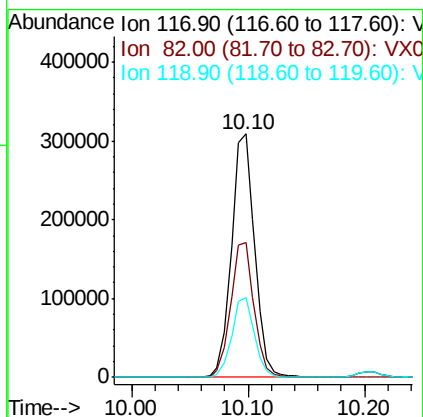
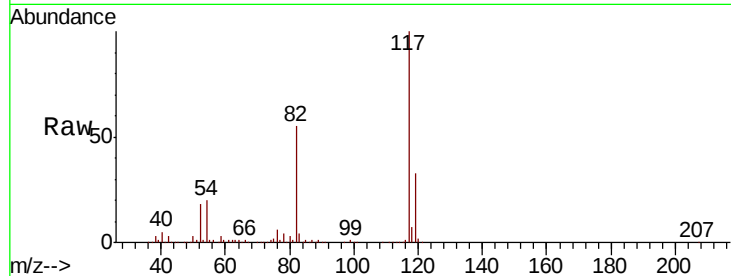




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

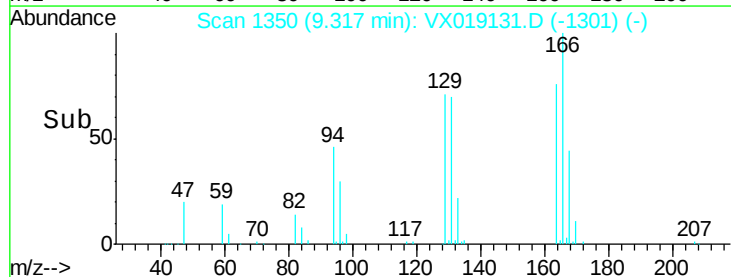
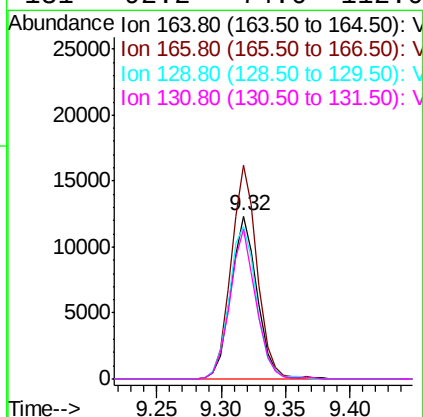
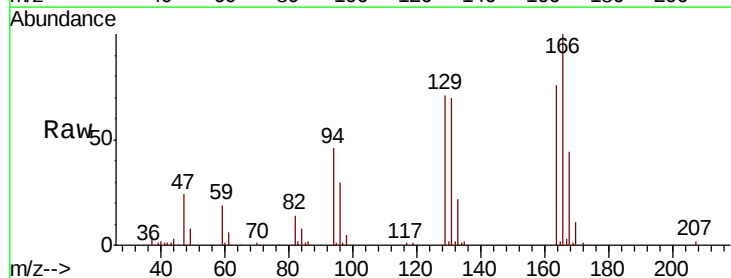
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

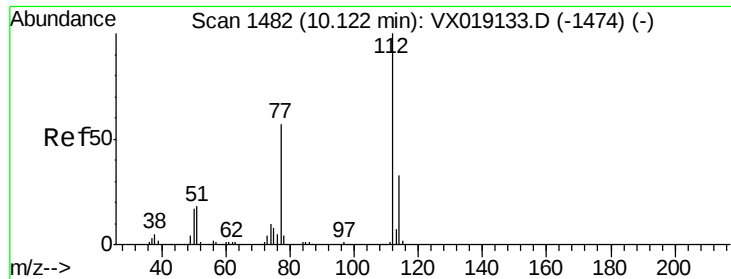
Tot Ion:117 Resp: 428214
Ion Ratio Lower Upper
117 100
82 55.5 43.6 65.4
119 32.8 25.5 38.3



#64
Tetrachloroethene
Concen: 5.399 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Tgt Ion:164 Resp: 17622
Ion Ratio Lower Upper
164 100
166 131.4 104.1 156.1
129 93.9 76.2 114.4
131 92.2 74.6 112.0

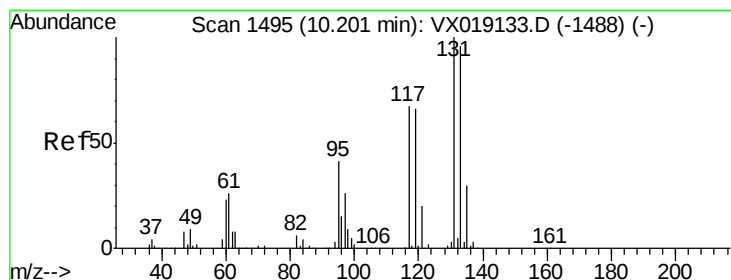
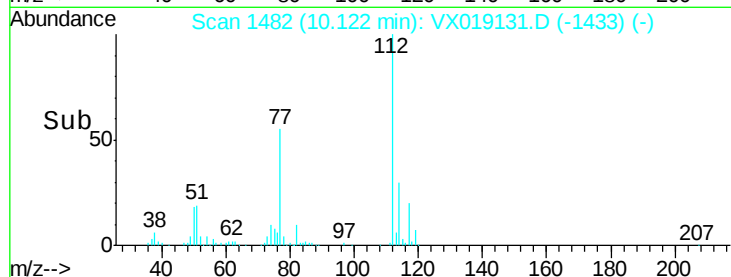
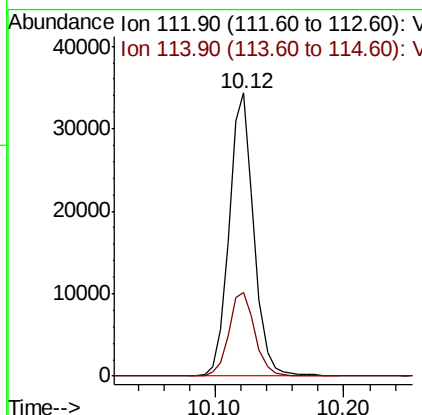
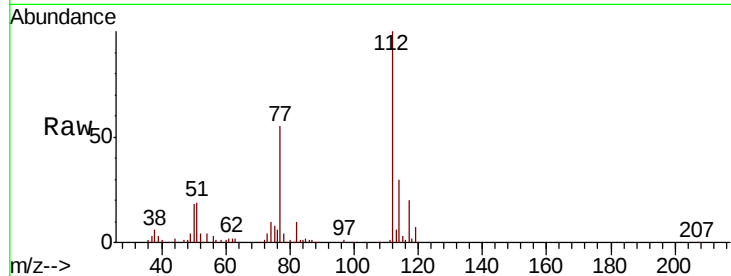




#65
Chlorobenzene
Concen: 5.358 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

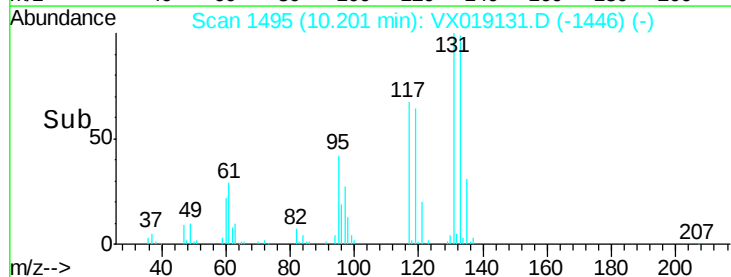
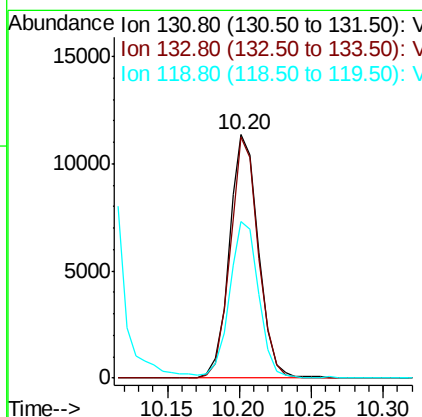
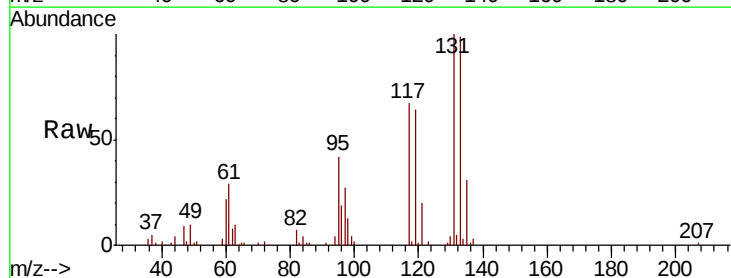
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

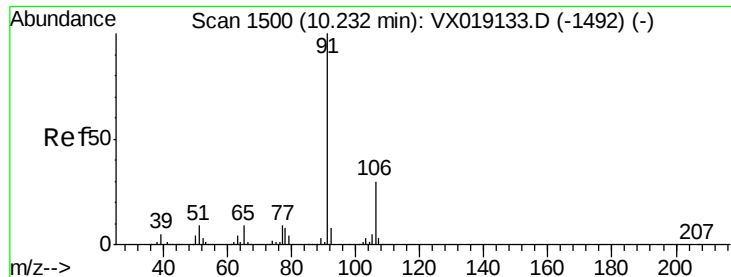
Tot Ion:112 Resp: 45819
Ion Ratio Lower Upper
112 100
114 29.7 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 5.253 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Tgt Ion:131 Resp: 16066
Ion Ratio Lower Upper
131 100
133 95.3 47.3 141.8
119 64.5 32.3 96.9





#67

Ethyl Benzene

Concen: 5.410 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

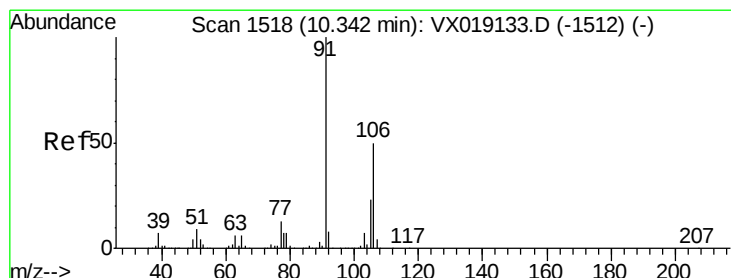
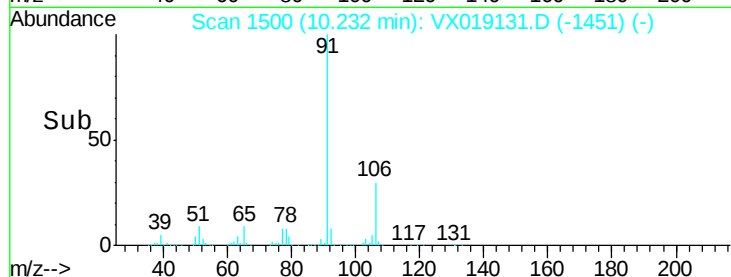
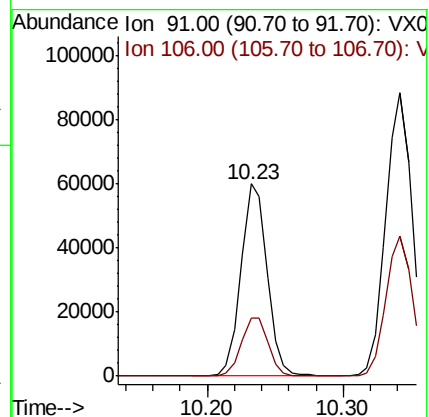
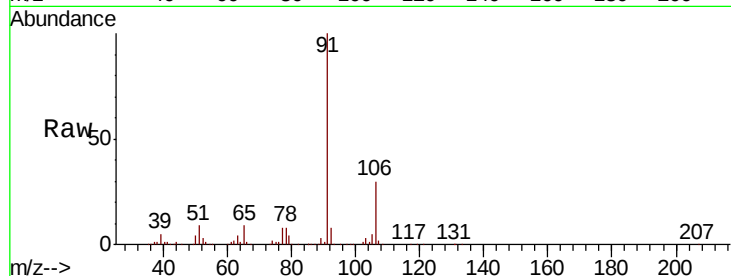
VSTDIC005

Tot Ion: 91 Resp: 80960

Ion Ratio Lower Upper

91 100

106 30.2 24.3 36.5



#68

m/p-Xylenes

Concen: 10.522 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX019131.D

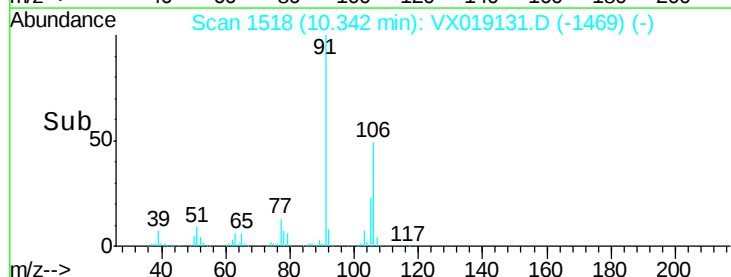
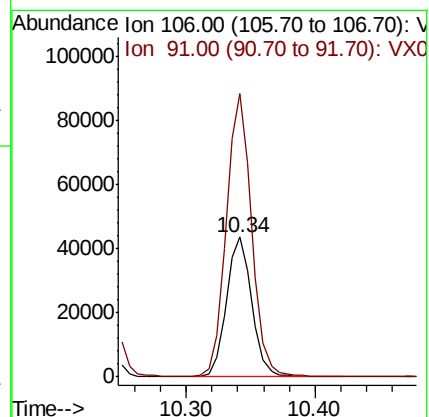
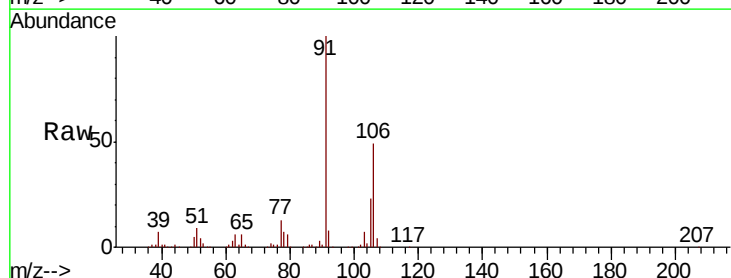
Acq: 27 Oct 2020 11:56

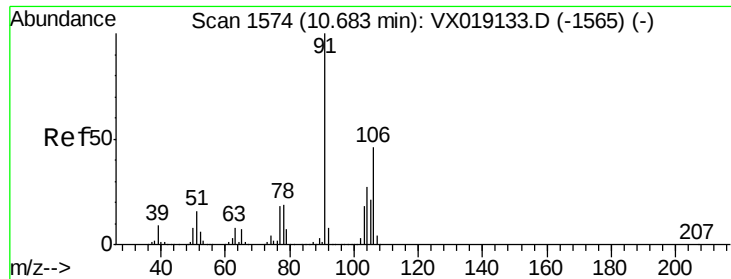
Tgt Ion: 106 Resp: 60515

Ion Ratio Lower Upper

106 100

91 203.4 161.0 241.4

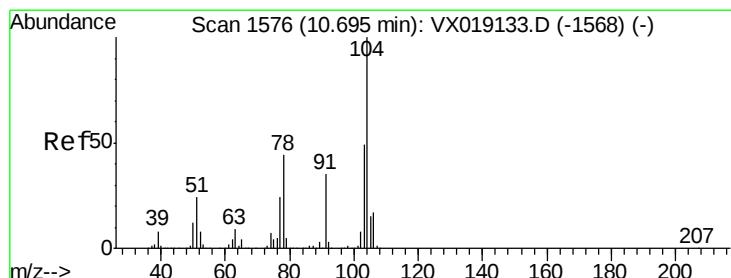
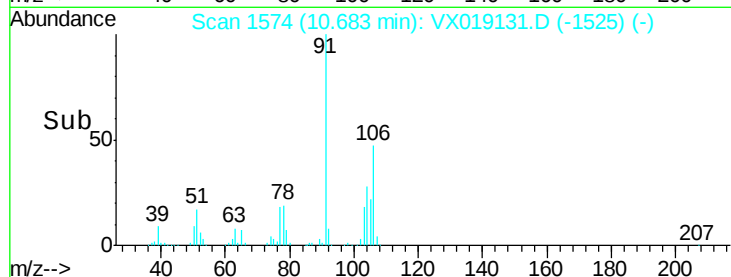
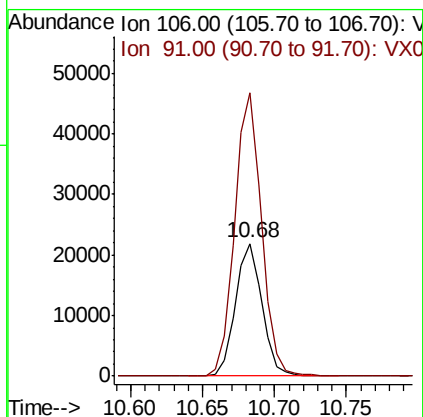
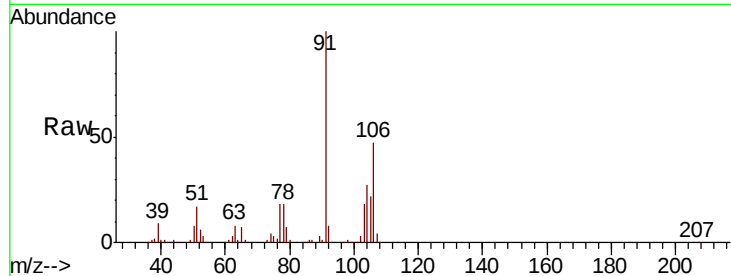




#69
o-Xylene
Concen: 5.134 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

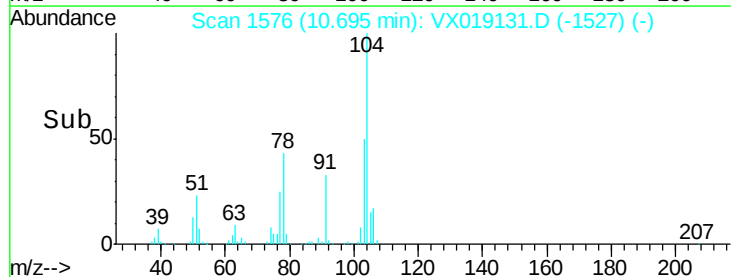
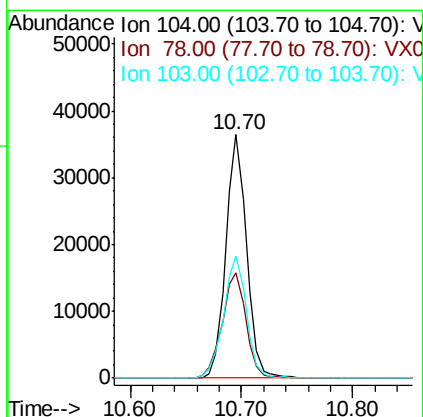
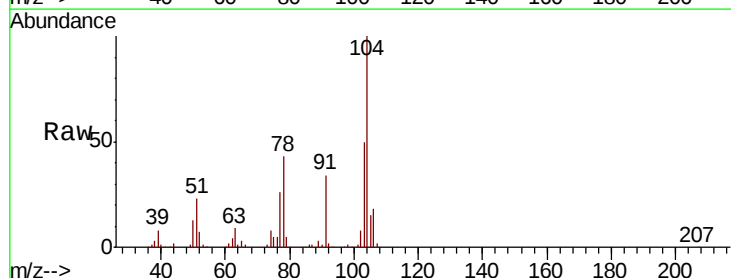
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

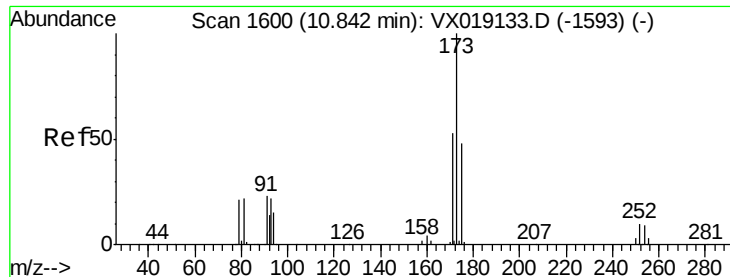
Tot Ion:106 Resp: 28294
Ion Ratio Lower Upper
106 100
91 215.7 108.3 324.8



#70
Styrene
Concen: 5.113 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Tgt Ion:104 Resp: 46949
Ion Ratio Lower Upper
104 100
78 49.9 40.0 60.0
103 55.1 43.5 65.3





#71

Bromoform

Concen: 4.813 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

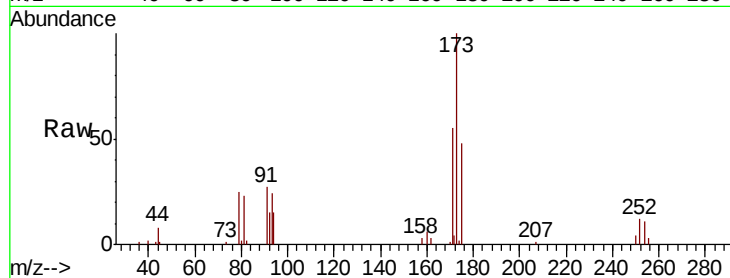
Tot Ion:173 Resp: 11593

Ion Ratio Lower Upper

173 100

175 47.9 24.4 73.4

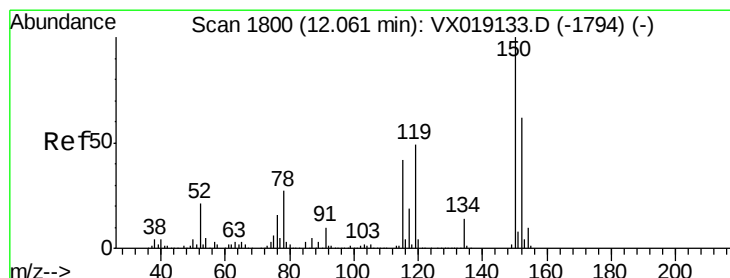
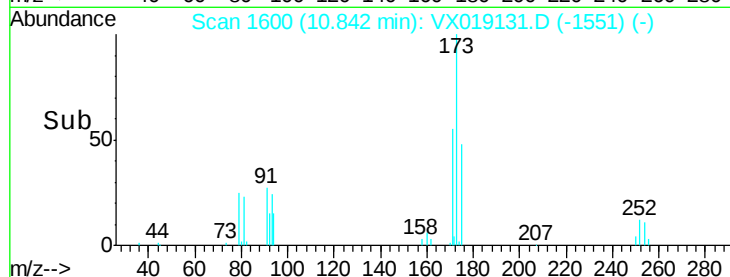
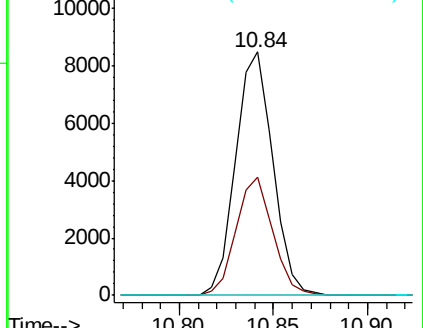
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

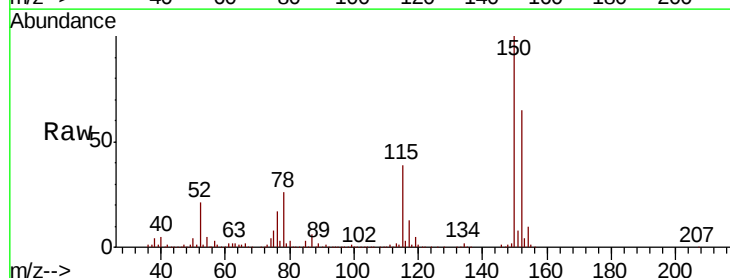
Tgt Ion:152 Resp: 207083

Ion Ratio Lower Upper

152 100

115 62.6 41.9 125.7

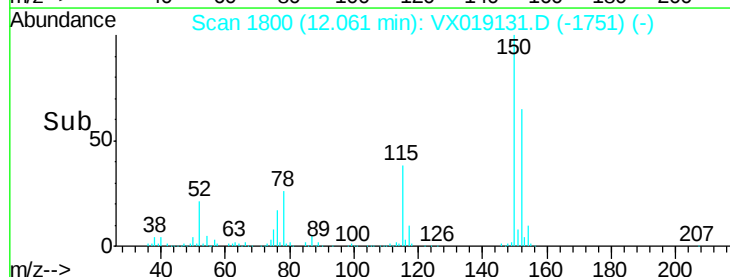
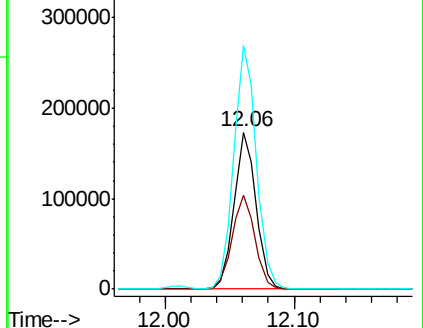
150 158.6 0.0 347.8

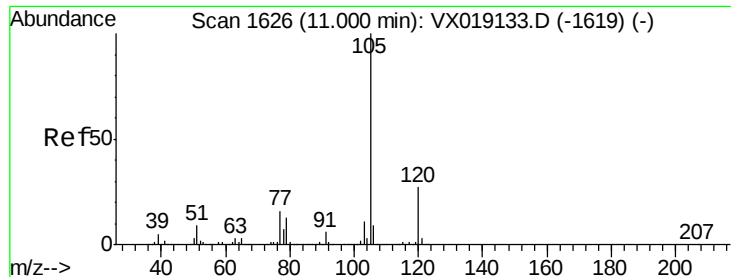


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.647 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

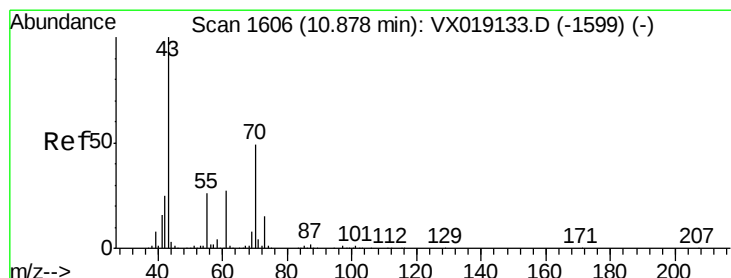
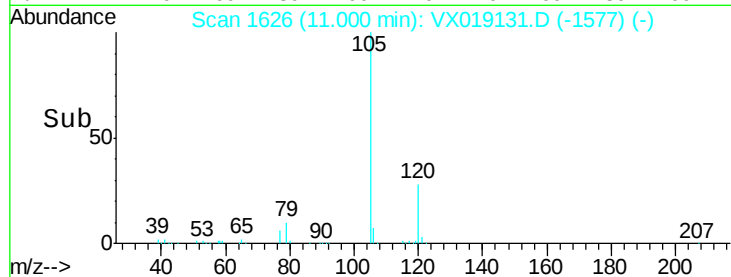
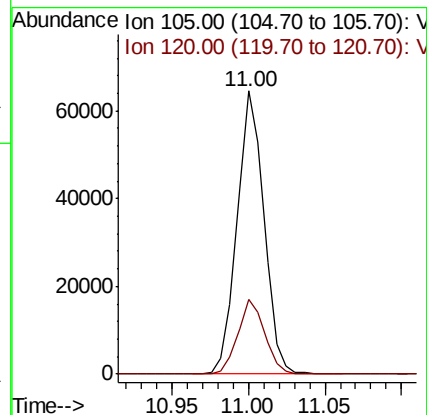
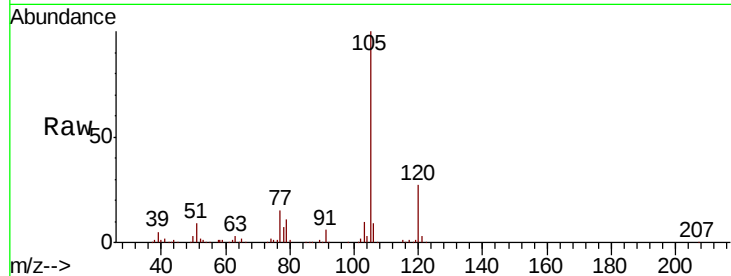
VSTDIC005

Tot Ion:105 Resp: 78598

Ion Ratio Lower Upper

105 100

120 26.2 13.3 39.8



#74

N-ethyl acetate

Concen: 6.066 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Tgt Ion: 43 Resp: 27380

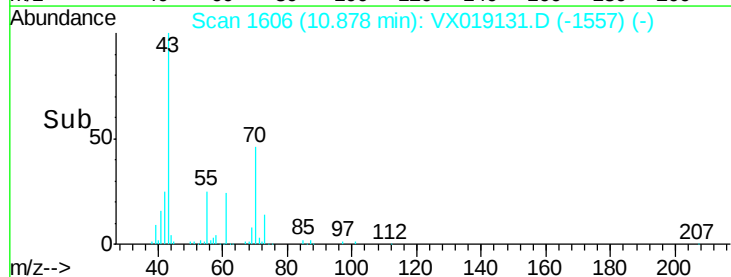
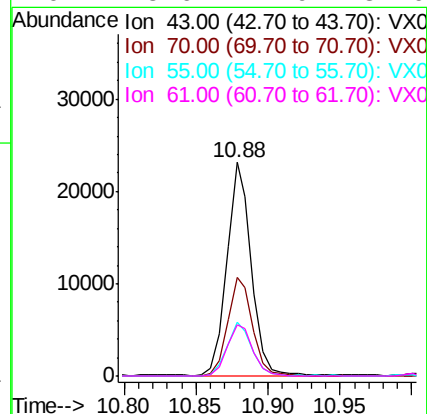
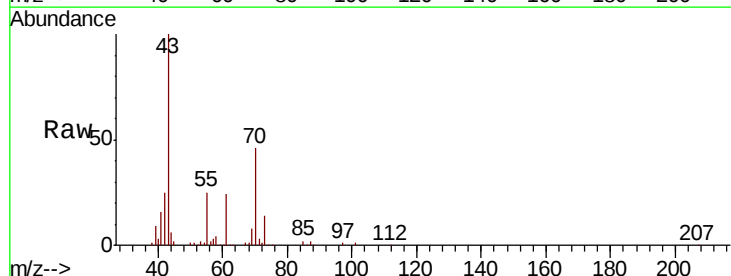
Ion Ratio Lower Upper

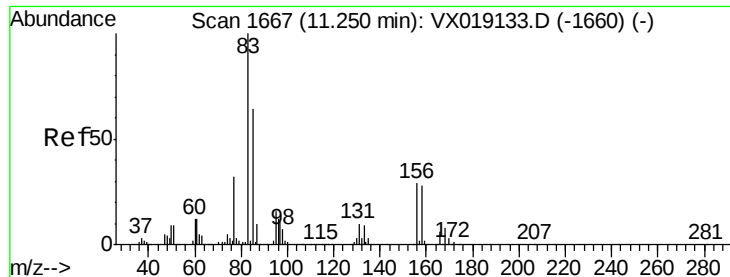
43 100

70 47.2 39.6 59.4

55 26.4 20.7 31.1

61 25.6 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 5.486 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

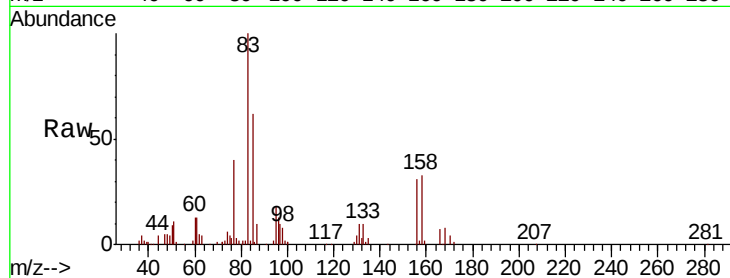
Tot Ion: 83 Resp: 23852

Ion Ratio Lower Upper

83 100

131 10.2 5.2 15.6

85 63.6 32.1 96.3

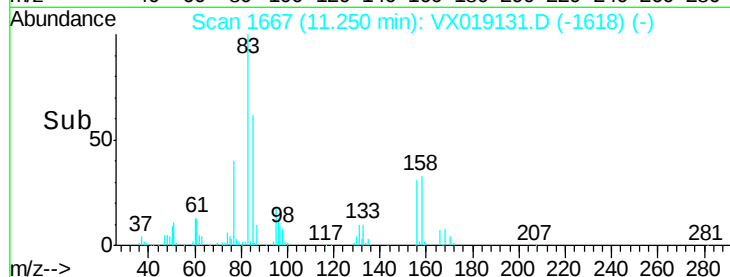


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0

Time-->



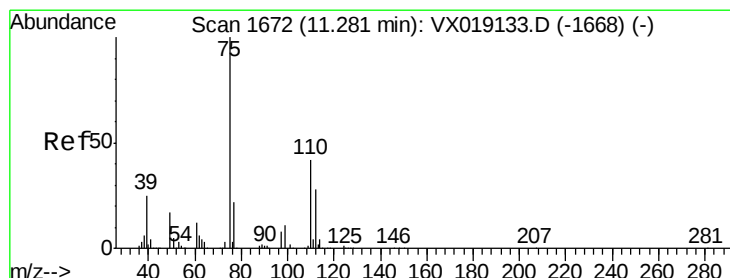
Abundance

Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0

Time-->



#76

1,2,3-Trichloropropane

Concen: 7.297 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019131.D

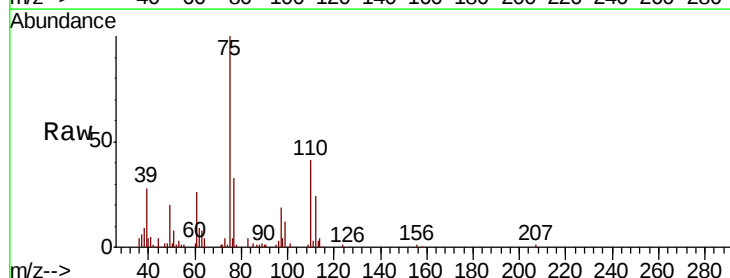
Acq: 27 Oct 2020 11:56

Tgt Ion: 75 Resp: 28240

Ion Ratio Lower Upper

75 100

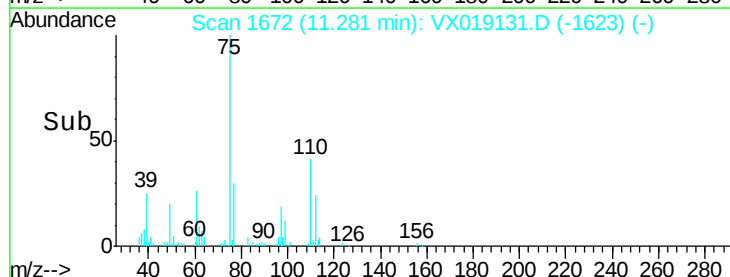
77 31.1 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

Time-->

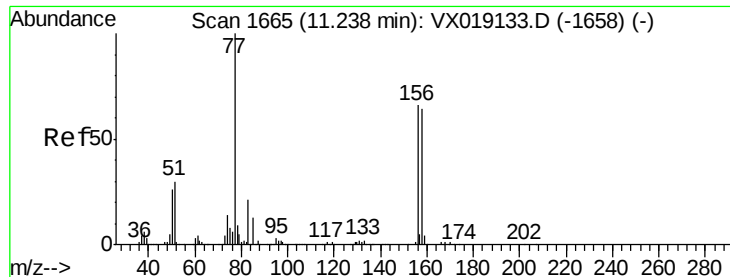


Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

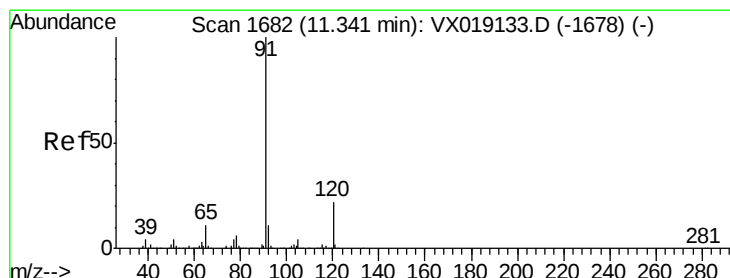
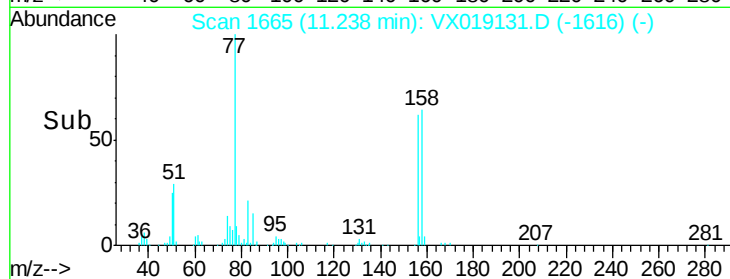
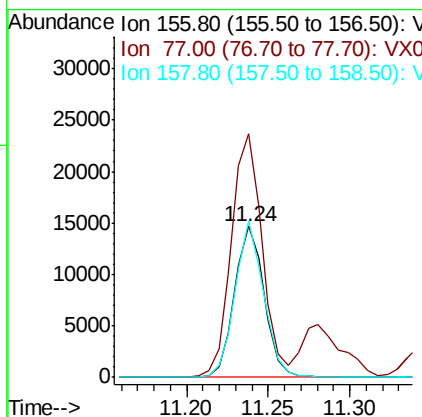
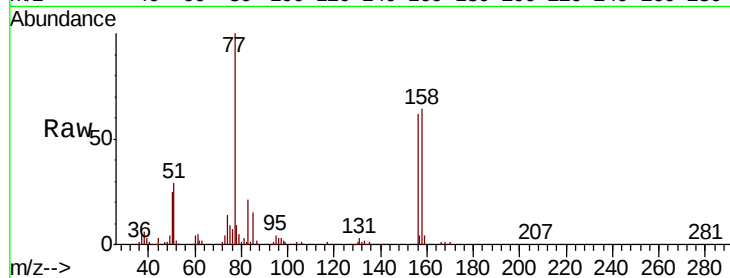
Time-->



#77
Bromobenzene
Concen: 5.334 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

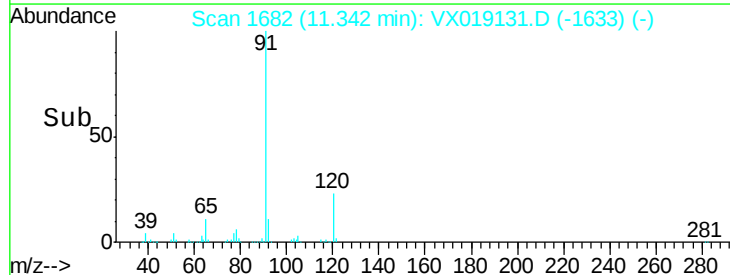
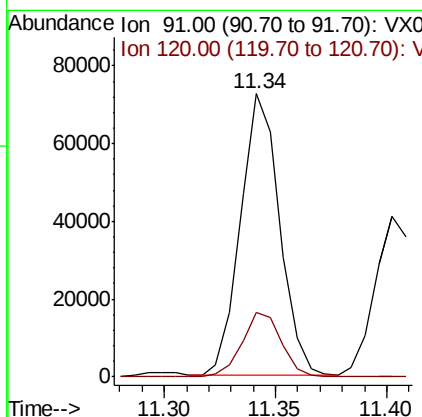
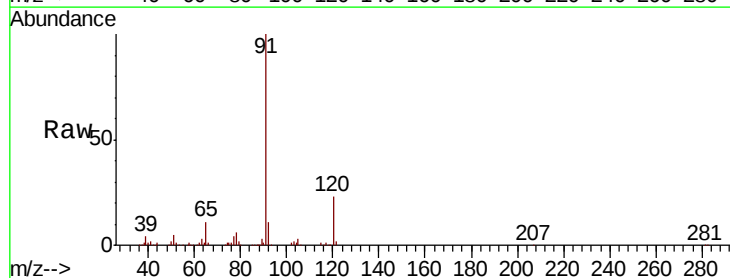
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

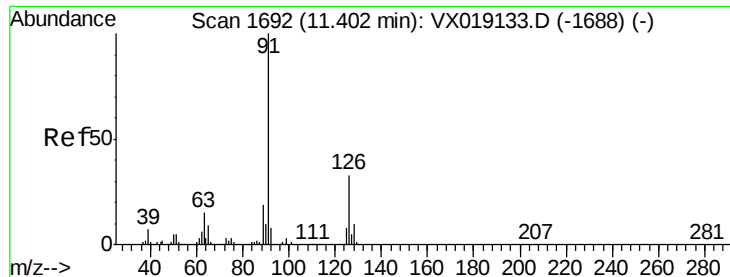
Tot Ion:156 Resp: 18593
Ion Ratio Lower Upper
156 100
77 167.4 77.7 233.1
158 99.4 48.3 144.8



#78
n-propylbenzene
Concen: 5.713 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Tgt Ion: 91 Resp: 89246
Ion Ratio Lower Upper
91 100
120 22.8 11.7 35.0

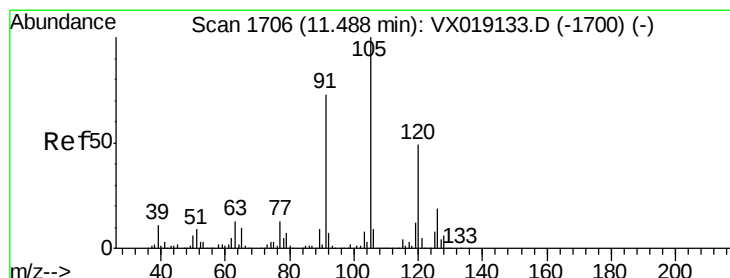
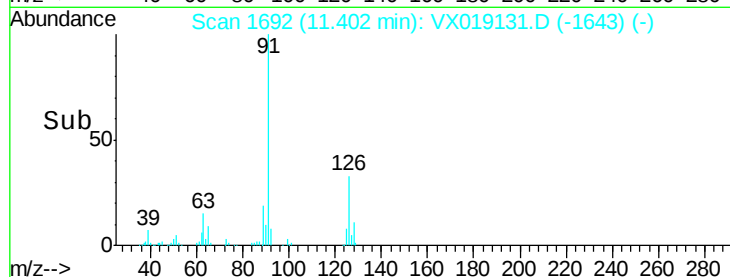
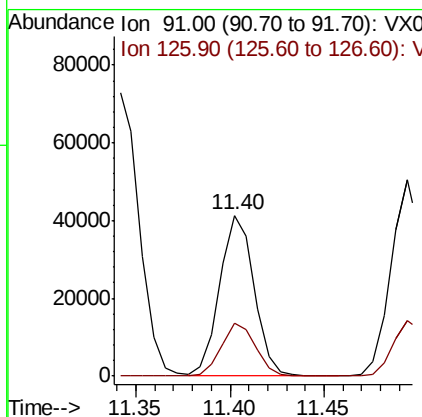
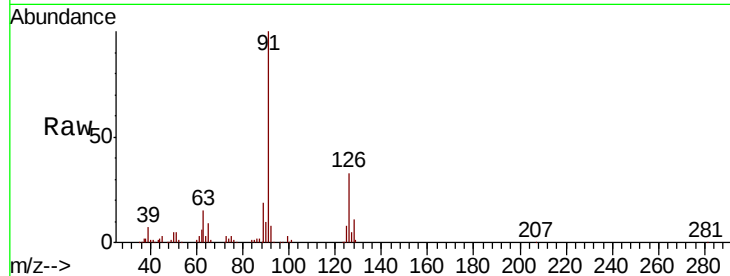




#79
 2-Chlorotoluene
 Concen: 5.663 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX019131.D
 Acq: 27 Oct 2020 11:56

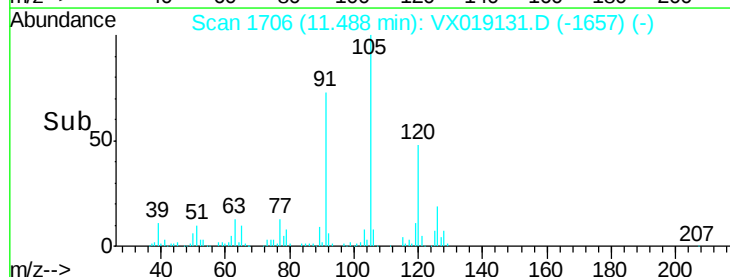
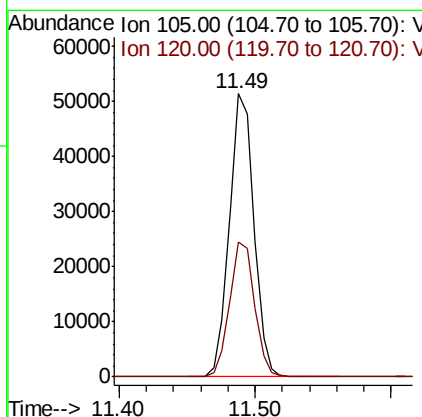
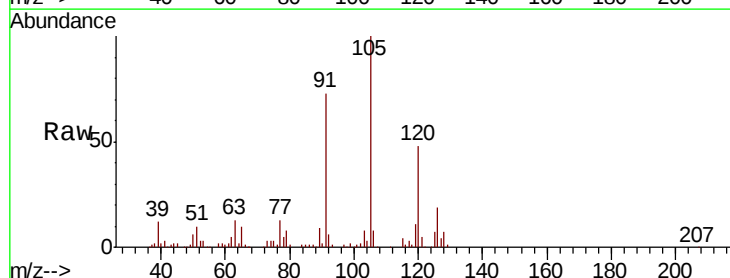
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

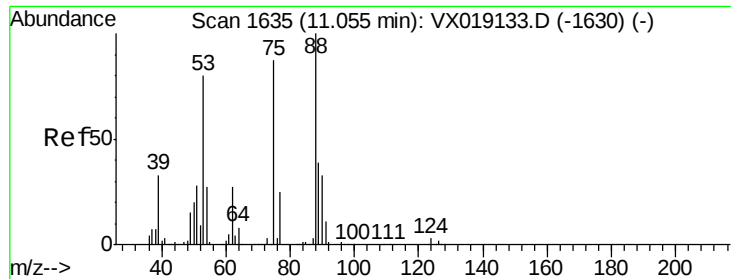
Tot Ion: 91 Resp: 52011
 Ion Ratio Lower Upper
 91 100
 126 33.4 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 5.613 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX019131.D
 Acq: 27 Oct 2020 11:56

Tgt Ion: 105 Resp: 64472
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.3 72.8

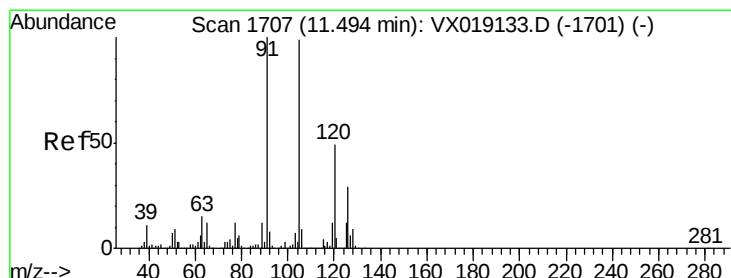
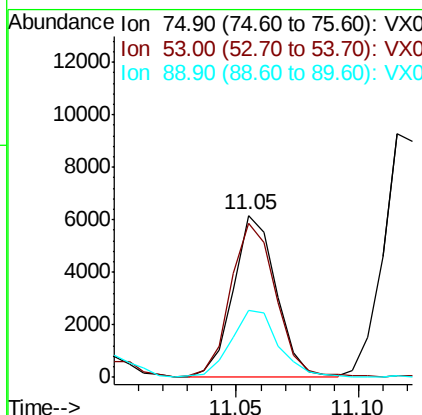
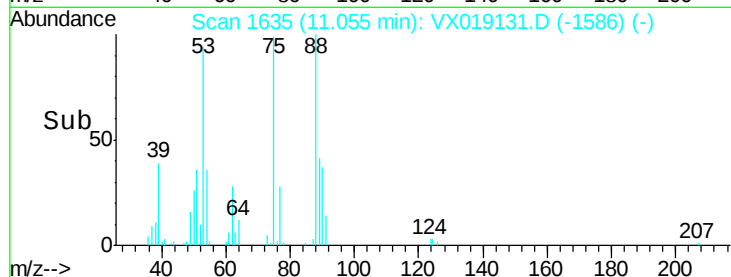
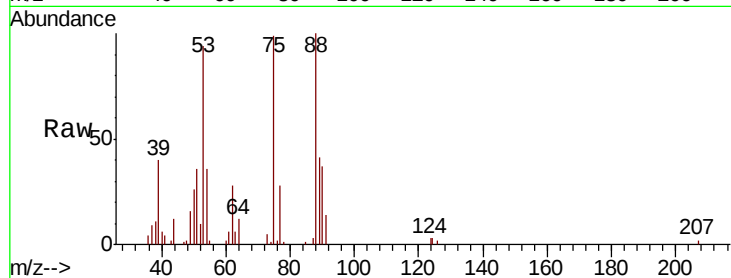




#81
trans-1,4-Dichloro-2-butene
Concen: 5.167 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

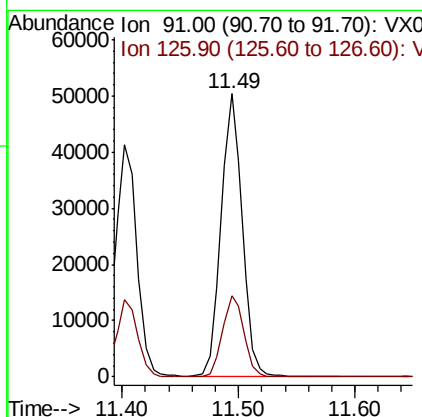
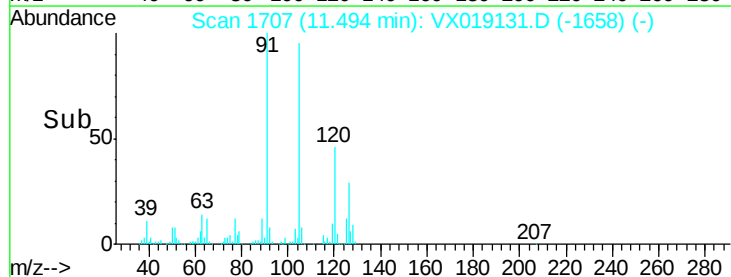
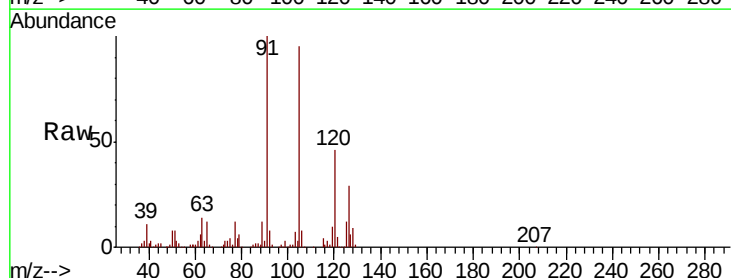
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

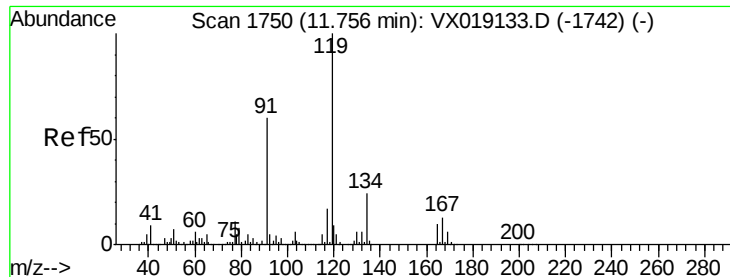
Tot Ion: 75 Resp: 7566
Ion Ratio Lower Upper
75 100
53 100.4 73.3 109.9
89 46.0 38.2 57.2



#82
4-Chlorotoluene
Concen: 5.817 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Tgt Ion: 91 Resp: 63253
Ion Ratio Lower Upper
91 100
126 28.7 14.8 44.4

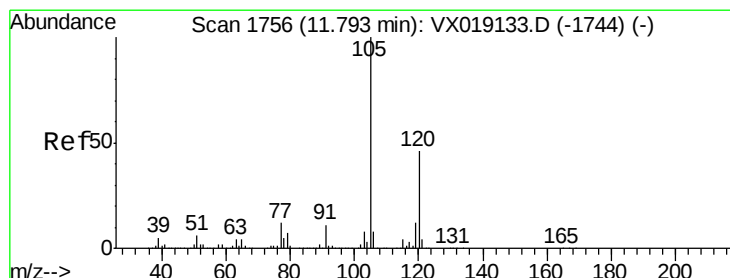
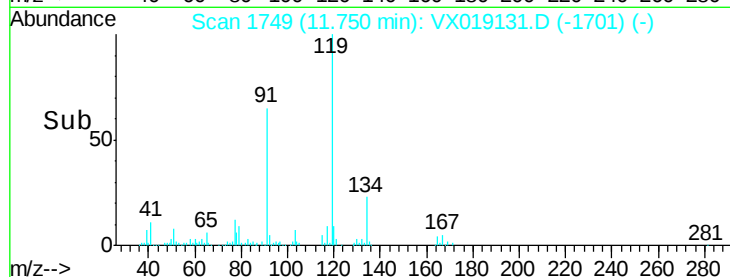
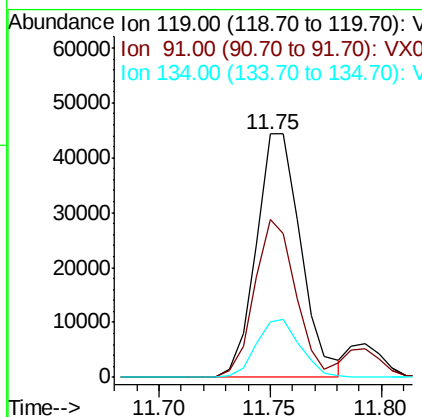
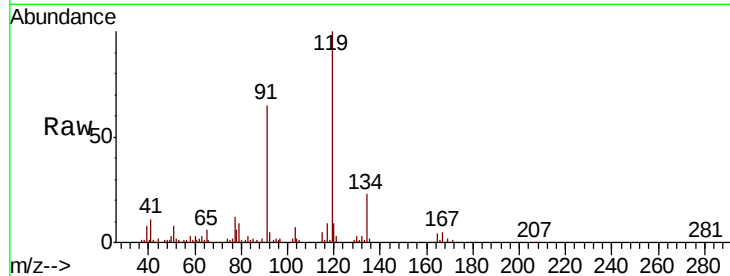




#83
tert-Butylbenzene
Concen: 5.525 ug/l
RT: 11.75 min Scan# 1749
Delta R.T. -0.01 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

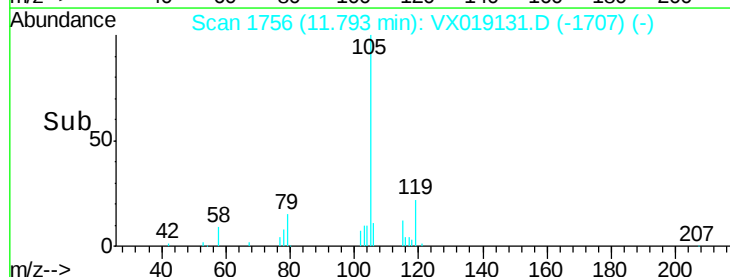
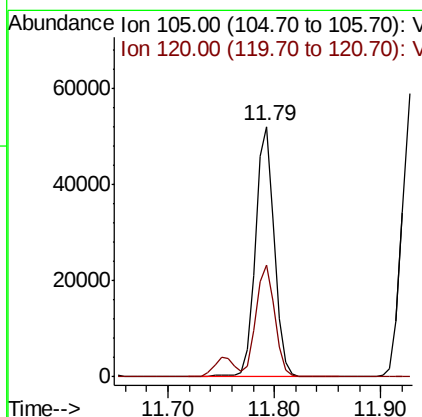
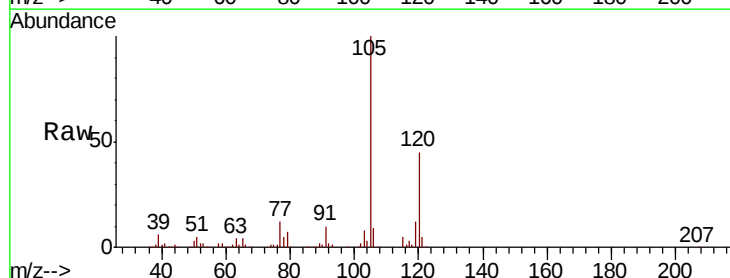
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

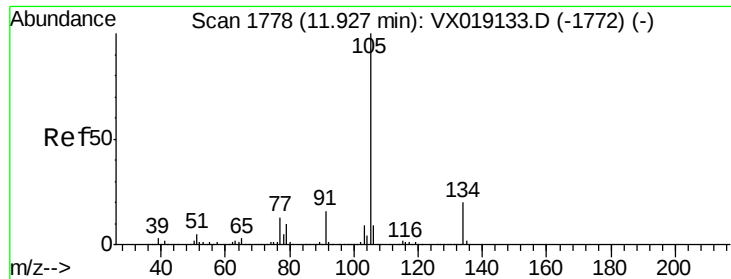
Tot Ion:119 Resp: 61994
Ion Ratio Lower Upper
119 100
91 59.5 29.0 87.1
134 23.1 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 5.564 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Tgt Ion:105 Resp: 64629
Ion Ratio Lower Upper
105 100
120 44.5 22.4 67.3





#85

sec-Butylbenzene

Concen: 5.488 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

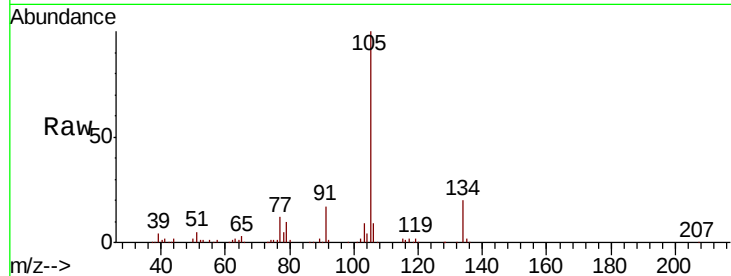
VSTDIC005

Tot Ion:105 Resp: 73930

Ion Ratio Lower Upper

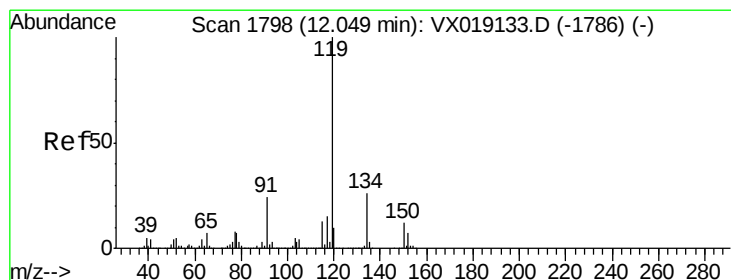
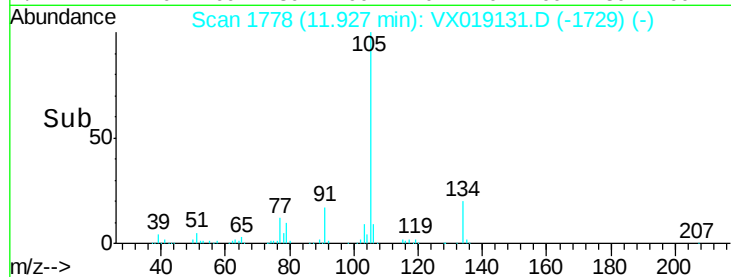
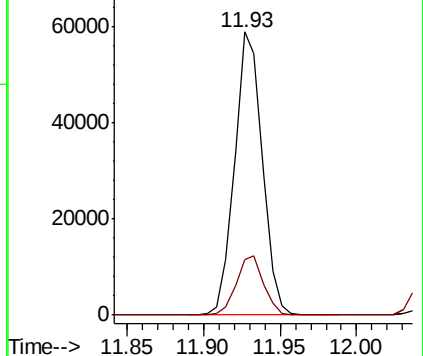
105 100

134 20.7 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 5.387 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

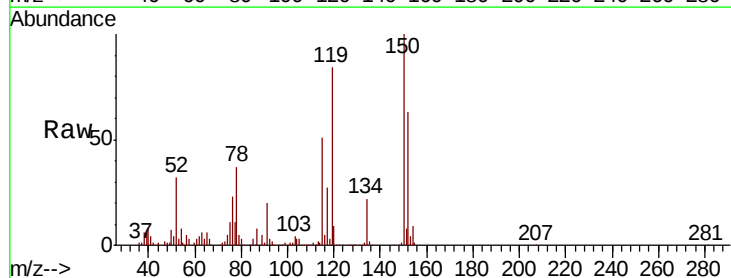
Tgt Ion:119 Resp: 67182

Ion Ratio Lower Upper

119 100

134 26.8 12.9 38.7

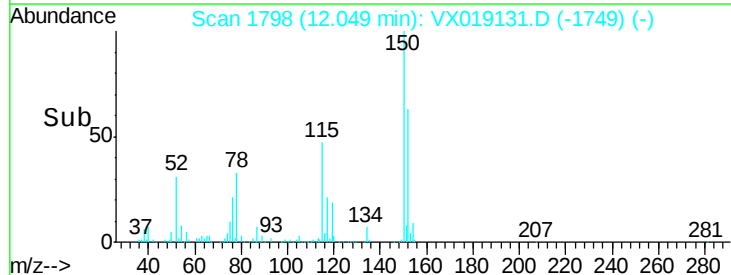
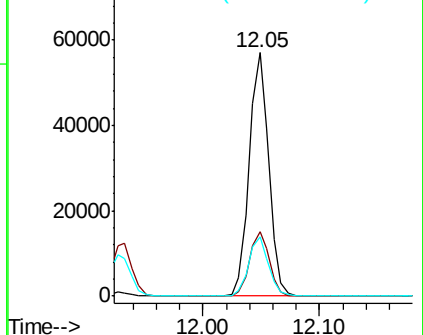
91 25.1 12.0 36.0

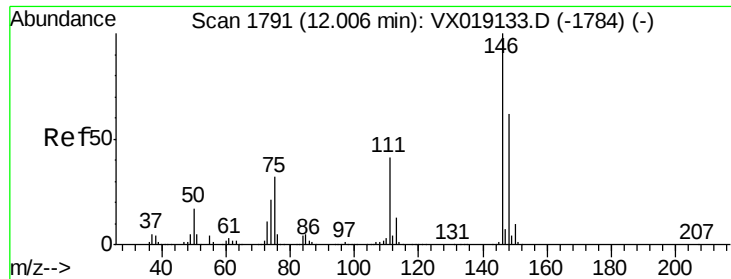


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

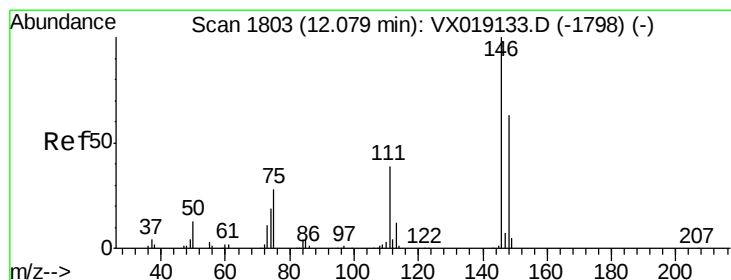
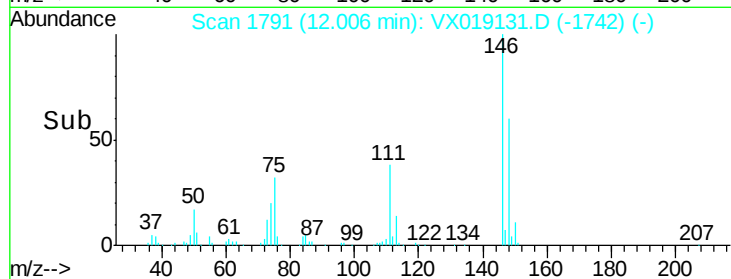
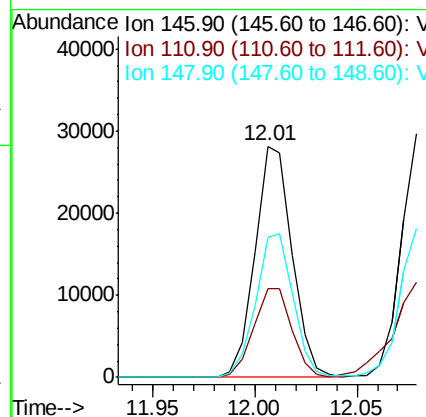
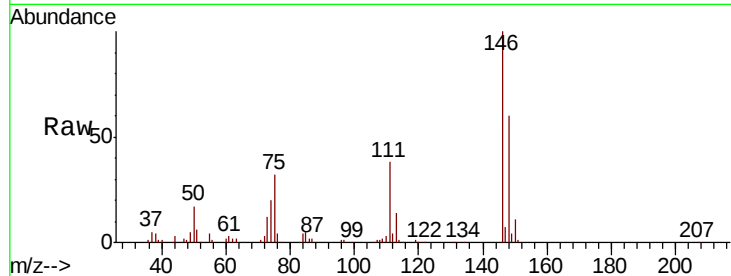




#87
 1,3-Dichlorobenzene
 Concen: 5.543 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019131.D
 Acq: 27 Oct 2020 11:56

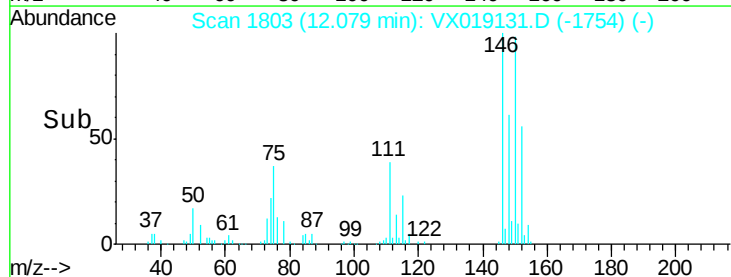
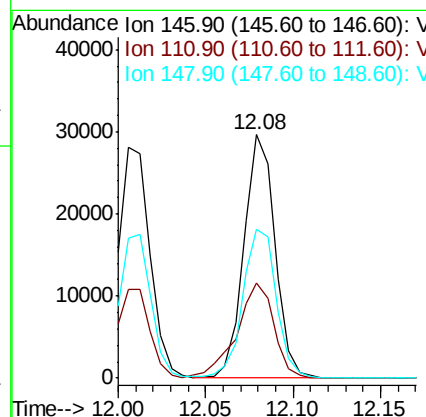
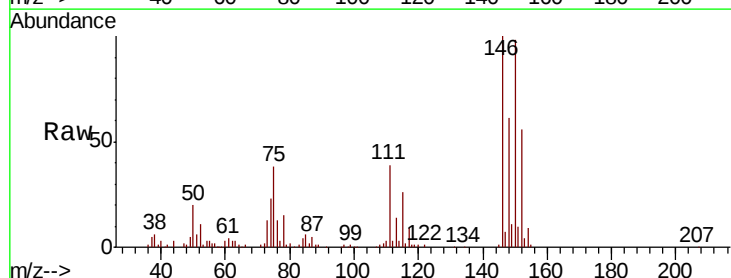
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

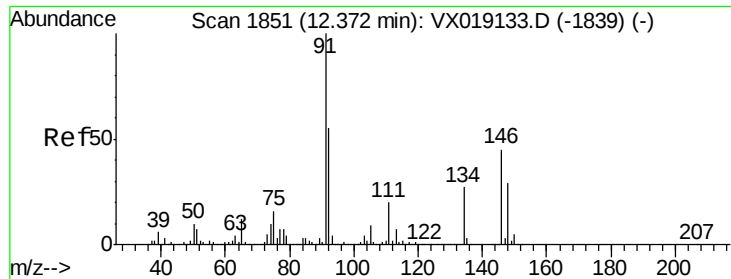
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.4	61.2
148	62.5	31.6	94.8



#88
 1,4-Dichlorobenzene
 Concen: 5.452 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019131.D
 Acq: 27 Oct 2020 11:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.7	20.2	60.5
148	65.9	31.3	93.8

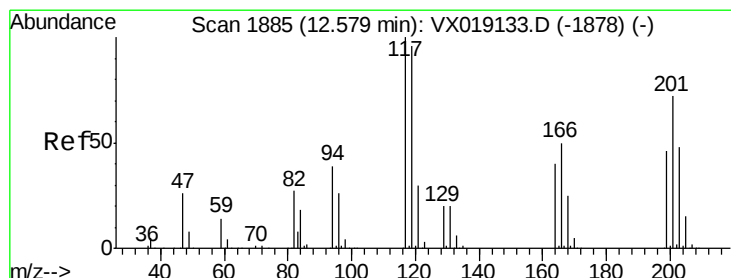
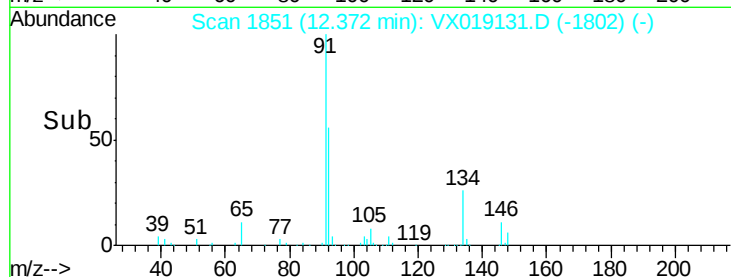
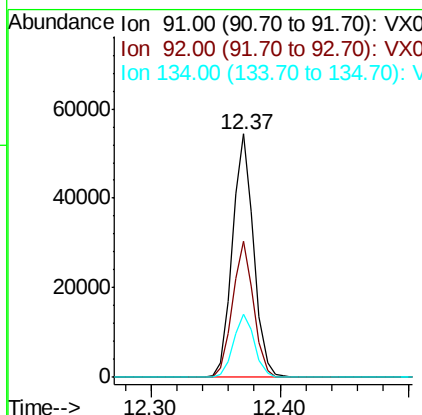
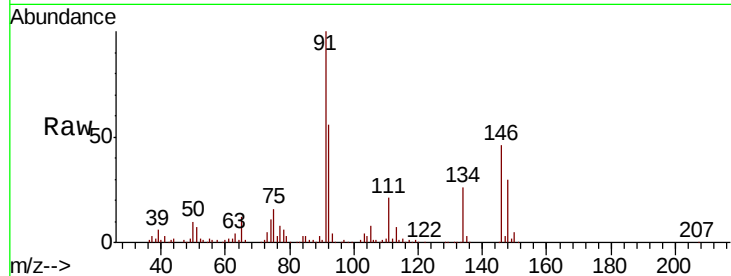




#89
n-Butylbenzene
Concen: 5.515 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

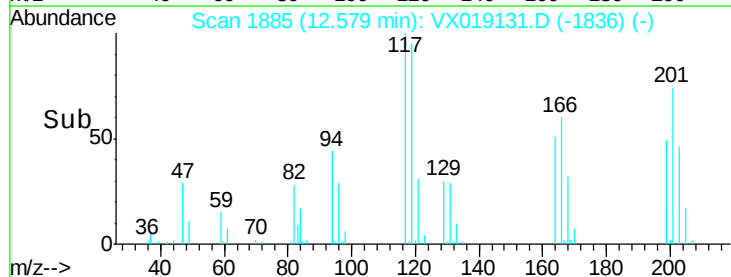
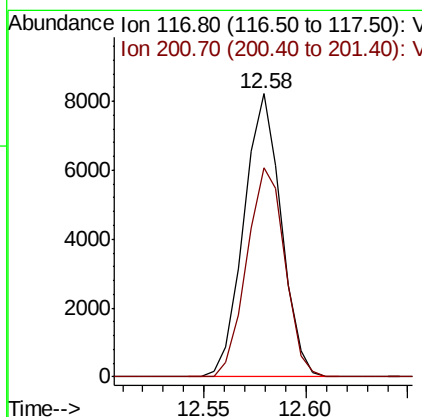
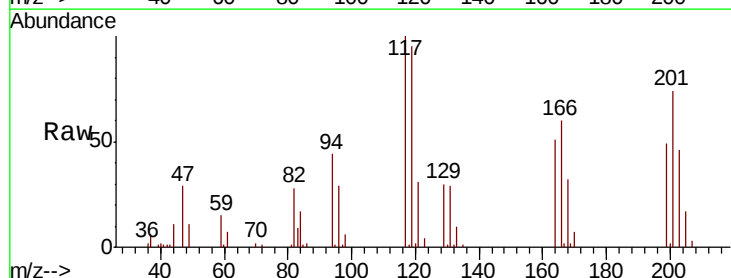
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

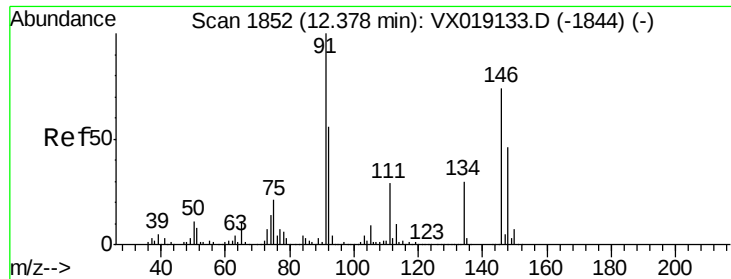
Tot Ion: 91 Resp: 62695
Ion Ratio Lower Upper
91 100
92 55.4 27.5 82.4
134 25.9 13.2 39.6



#90
Hexachloroethane
Concen: 5.018 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Tgt Ion: 117 Resp: 10469
Ion Ratio Lower Upper
117 100
201 75.2 38.5 115.3





#91

1,2-Dichlorobenzene

Concen: 5.383 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

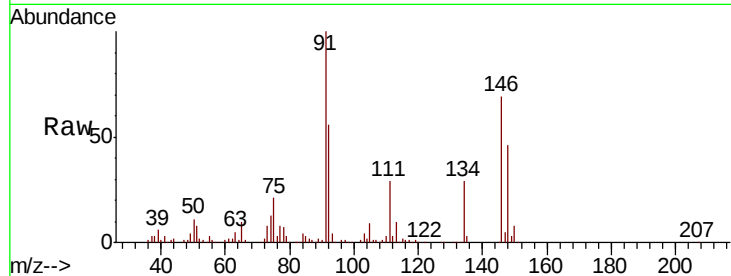
Tot Ion:146 Resp: 34007

Ion Ratio Lower Upper

146 100

111 43.1 21.2 63.6

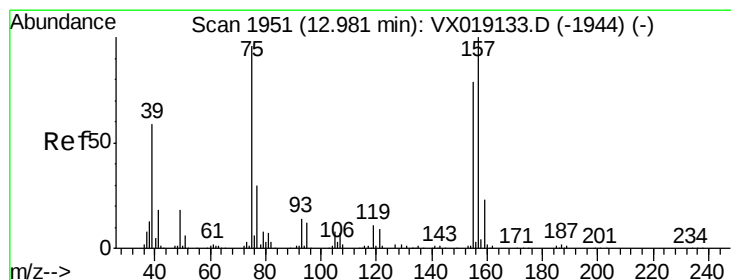
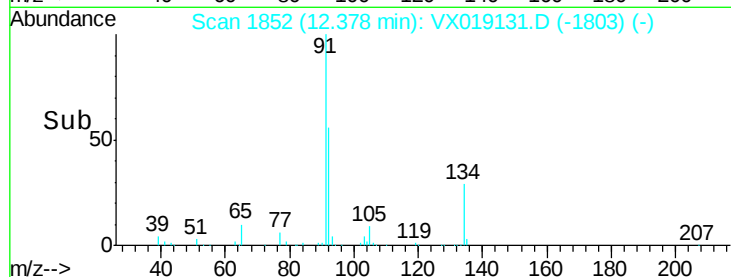
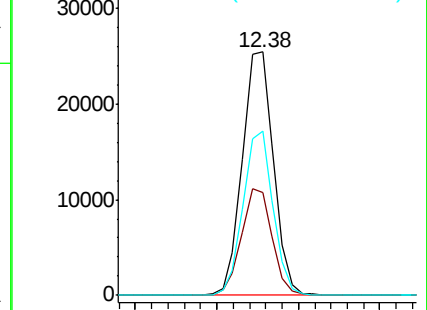
148 64.8 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.629 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

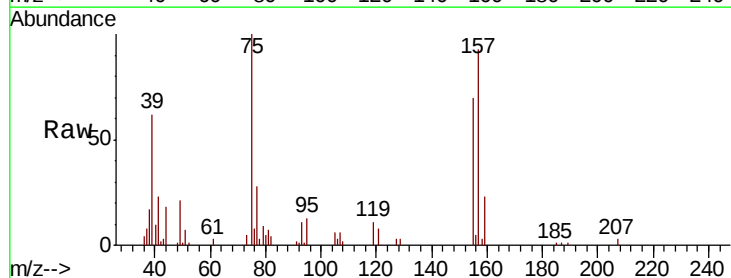
Tgt Ion: 75 Resp: 5404

Ion Ratio Lower Upper

75 100

155 81.1 42.8 128.4

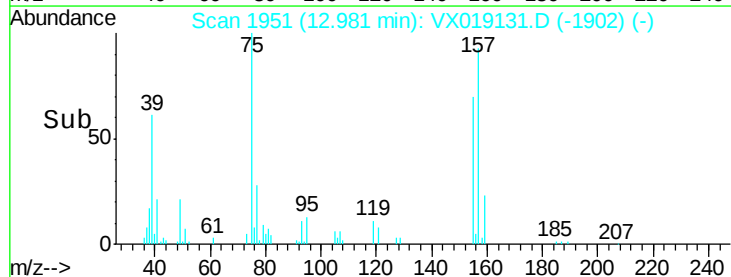
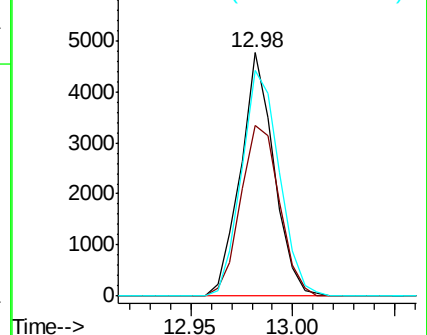
157 104.9 54.8 164.4

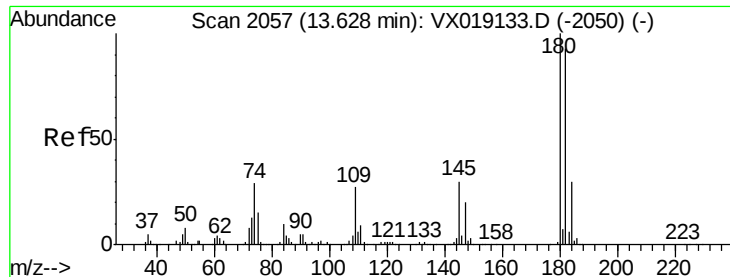


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

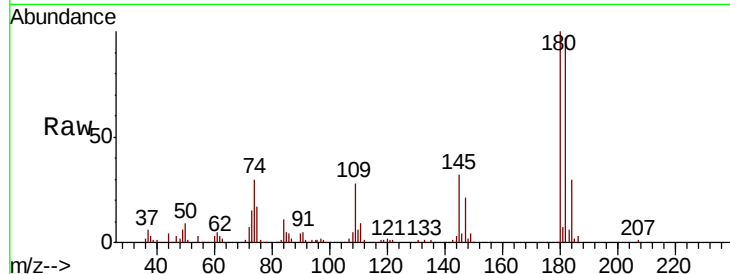




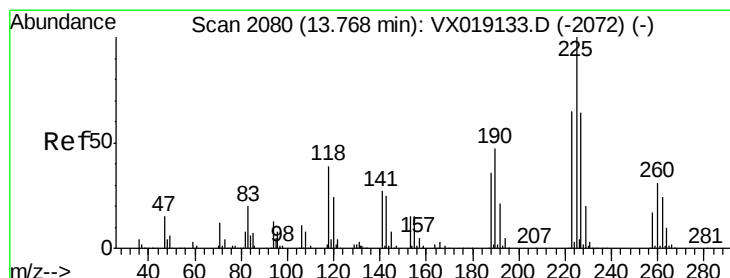
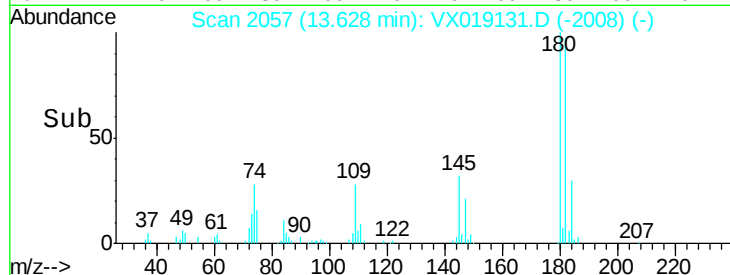
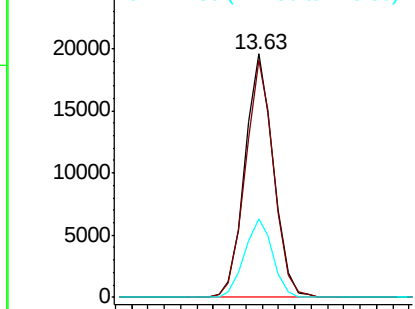
#93
 1,2,4-Trichlorobenzene
 Concen: 5.425 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019131.D
 Acq: 27 Oct 2020 11:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	46.8	140.3
145	31.9	15.5	46.5

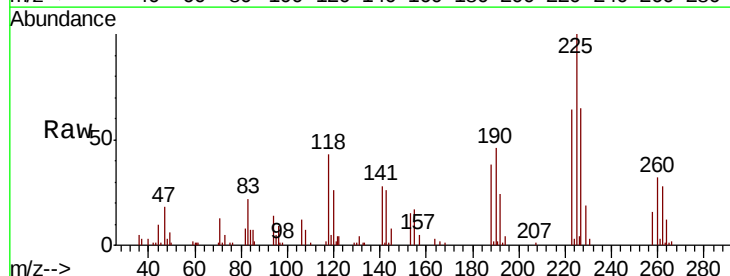


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

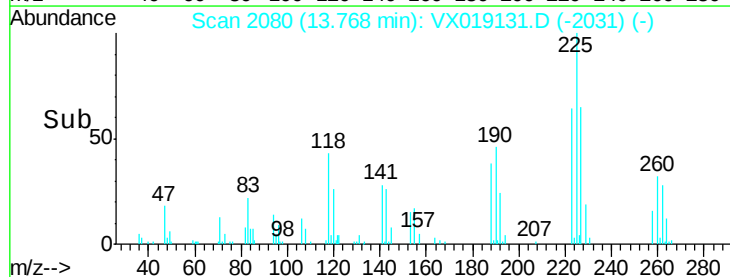
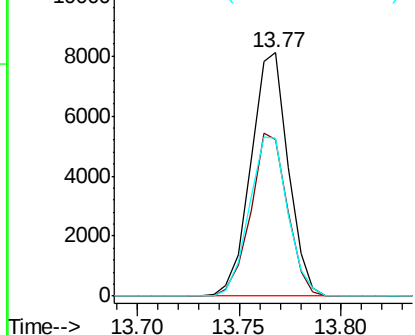


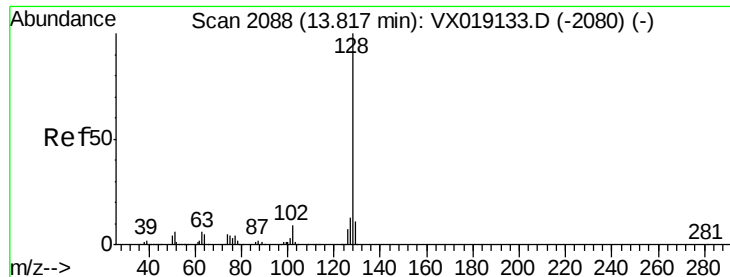
#94
 Hexachlorobutadiene
 Concen: 5.284 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX019131.D
 Acq: 27 Oct 2020 11:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.6	32.4	97.2
227	67.0	31.6	94.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 5.257 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

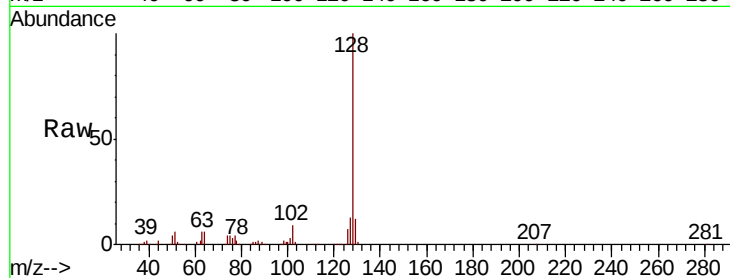
Tot Ion:128 Resp: 72904

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

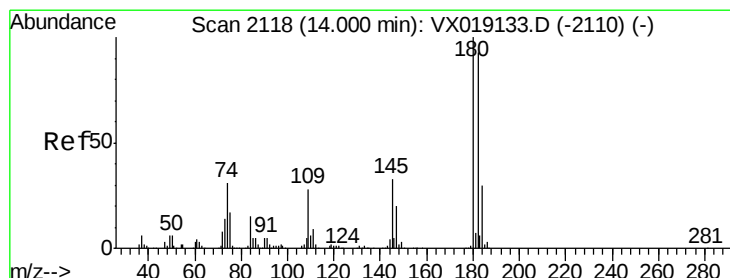
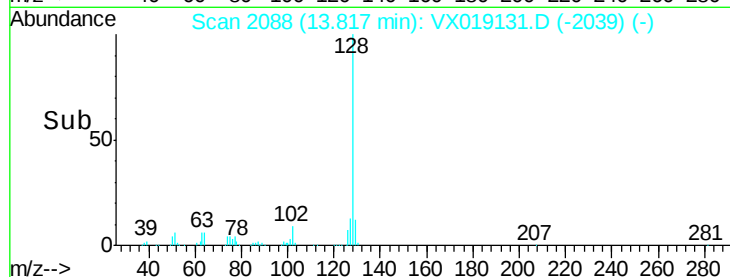
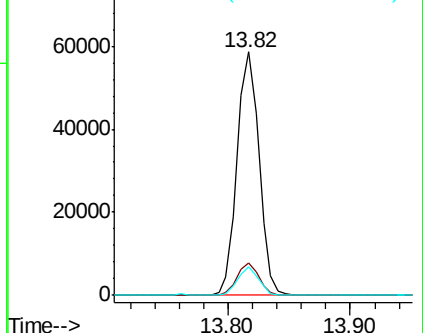
129 11.1 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 5.345 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

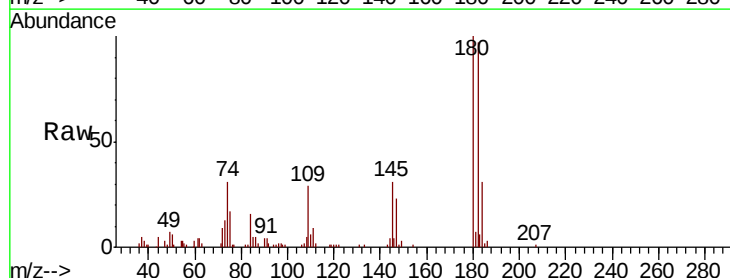
Tgt Ion:180 Resp: 23089

Ion Ratio Lower Upper

180 100

182 96.8 47.8 143.3

145 33.2 16.5 49.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

