

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101520\
 Data File : VX018933.D
 Acq On : 15 Oct 2020 13:29
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Oct 15 14:36:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X101520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 15 14:34:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	52115	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	291385	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	252325	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	102368	25.93	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	86.43%
60) 4-Bromofluorobenzene	11.12	95	117951	27.52	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	91.73%
63) Toluene-d8	8.70	98	341328	31.06	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.53%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	12468	4.632 ug/l	99
3) Chloromethane	1.31	50	14593	4.966 ug/l	98
4) Vinyl Chloride	1.39	62	17731	5.644 ug/l	97
5) Bromomethane	1.63	94	12264	5.874 ug/l	98
6) Chloroethane	1.71	64	12727	6.555 ug/l	98
7) Trichlorofluoromethane	1.92	101	28330	5.401 ug/l	96
8) Diethyl Ether	2.17	74	10553	6.121 ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	16151	5.932 ug/l	97
10) 1,1-Dichloroethene	2.36	96	16259	6.027 ug/l	98
11) Methyl Iodide	2.49	142	15088	4.997 ug/l	95
12) Methyl Acetate	2.75	43	14945	4.434 ug/l	99
13) Acrolein	2.27	56	14736	44.886 ug/l	97
14) Acrylonitrile	3.12	53	35140	22.925 ug/l	99
15) Acetone	2.42	58	12939	29.259 ug/l	96
16) Carbon Disulfide	2.55	76	39307	5.181 ug/l	98
17) Allyl chloride	2.70	41	20978	4.602 ug/l	98
18) Methylene Chloride	2.83	84	17376	5.667 ug/l	98
19) trans-1,2-Dichloroethene	3.14	96	16286	5.532 ug/l	94
20) Diisopropyl ether	3.82	45	37881	4.264 ug/l	90
21) 1,1-Dichloroethane	3.67	63	26125	4.972 ug/l	99
22) cis-1,2-Dichloroethene	4.56	96	17661	5.429 ug/l	97
23) tert-Butyl Alcohol	3.01	59	21152	29.963 ug/l	# 100
24) Methyl tert-Butyl Ether	3.16	73	42991	4.678 ug/l	94
25) Chloroform	5.17	83	27667	4.936 ug/l	99
26) Cyclohexane	5.54	56	21673	5.071 ug/l	# 96
29) 1,1-Dichloropropene	5.76	75	21410	4.860 ug/l	97
30) 2-Butanone	4.64	43	52602	22.260 ug/l	98
31) 2,2-Dichloropropane	4.54	77	25656	4.848 ug/l	# 77
32) 1,1,1-Trichloroethane	5.46	97	25964	4.584 ug/l	99
33) Carbon Tetrachloride	5.75	117	23820	4.533 ug/l	# 96
34) Benzene	6.10	78	62861	4.992 ug/l	97
35) Methacrylonitrile	5.00	41	10536	4.221 ug/l	91
36) 1,2-Dichloroethane	6.16	62	20153	4.002 ug/l	98
37) Trichloroethene	7.19	130	18053	4.914 ug/l	99
38) Methylcyclohexane	7.43	83	24526	5.117 ug/l	97
39) 1,2-Dichloropropane	7.49	63	15353	4.630 ug/l	93
40) Dibromomethane	7.63	93	11183	4.648 ug/l	95

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 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC005

Quant Time: Oct 15 14:36:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X101520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 15 14:34:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.87	83	23295	4.674	ug/l	93
42) Vinyl Acetate	3.78	43	186302	21.267	ug/l	100
44) Isopropyl Acetate	6.41	43	36027	4.699	ug/l #	100
45) 1,4-Dioxane	7.71	88	7315	107.943	ug/l	94
46) Methyl methacrylate	7.74	41	16001	4.248	ug/l	95
47) n-amyl Acetate	10.88	43	28465	4.204	ug/l	98
48) t-1,3-Dichloropropene	9.02	75	26006	4.782	ug/l	96
49) cis-1,3-Dichloropropene	8.42	75	27844	4.880	ug/l	98
50) 1,1,2-Trichloroethane	9.20	97	16111	4.752	ug/l	95
51) Ethyl methacrylate	9.16	69	25398	5.062	ug/l	99
52) 1,3-Dichloropropane	9.35	76	26872	4.780	ug/l	100
53) Dibromochloromethane	9.56	129	18309	4.340	ug/l	99
54) 1,2-Dibromoethane	9.65	107	17680	4.733	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	68168	26.106	ug/l	100
56) Bromoform	10.84	173	13271	4.132	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	103280	24.431	ug/l	99
59) 2-Hexanone	9.47	43	79503	24.652	ug/l	98
61) Tetrachloroethene	9.32	164	15483	4.986	ug/l	95
62) Toluene	8.76	91	69379	5.451	ug/l	99
64) Chlorobenzene	10.12	112	43819	5.347	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.20	131	16869	5.113	ug/l	98
66) Ethyl Benzene	10.23	91	75919	5.349	ug/l	98
67) m/p-Xylenes	10.34	106	59512	10.956	ug/l	99
68) o-Xylene	10.68	106	27911	5.403	ug/l	99
69) Styrene	10.70	104	47097	5.264	ug/l	98
70) Isopropylbenzene	11.00	105	74785	5.263	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	22882	5.021	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	28213	6.459	ug/l	83
73) Bromobenzene	11.24	156	17700	4.608	ug/l	93
74) n-propylbenzene	11.34	91	85301	5.127	ug/l	99
75) 2-Chlorotoluene	11.40	91	48660	4.876	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	60085	4.888	ug/l	99
77) t-1,4-Dichloro-2-butene	11.05	75	9110	5.204	ug/l	96
78) 4-Chlorotoluene	11.49	91	56345	4.746	ug/l	99
79) tert-butylbenzene	11.76	119	62431	5.225	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	61102	5.034	ug/l	99
81) sec-Butylbenzene	11.93	105	70934	5.092	ug/l	99
82) p-Isopropyltoluene	12.05	119	66643	5.127	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	32350	4.746	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	32808	4.812	ug/l	98
85) n-Butylbenzene	12.37	91	58763	5.122	ug/l	99
86) Hexachloroethane	12.58	117	10988	4.406	ug/l	97
87) 1,2-Dichlorobenzene	12.37	146	30575	4.752	ug/l	96
88) 1,2-Dibromo-3-Chloropropan	12.98	75	5398	4.627	ug/l	97
89) 1,2,4-Trichlorobenzene	13.63	180	21750	4.924	ug/l	100
90) Hexachlorobutadiene	13.77	225	9730	5.273	ug/l	97
91) Naphthalene	13.82	128	71304	5.108	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	20609	4.720	ug/l	96

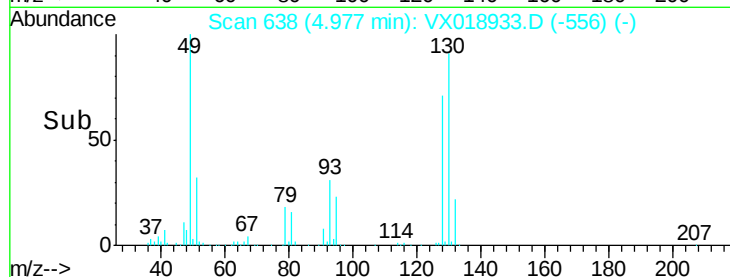
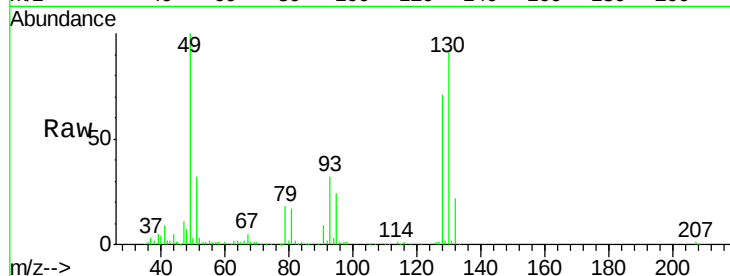
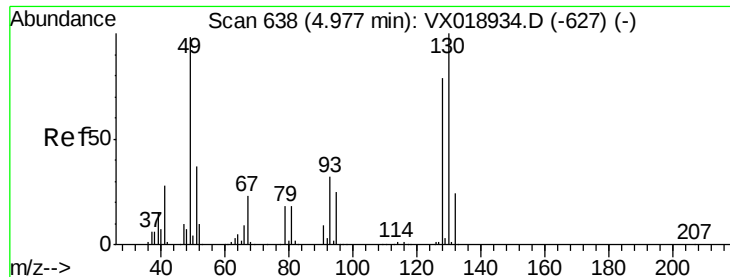
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101520\
Data File : VX018933.D
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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Oct 15 14:36:33 2020
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Oct 15 14:34:11 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

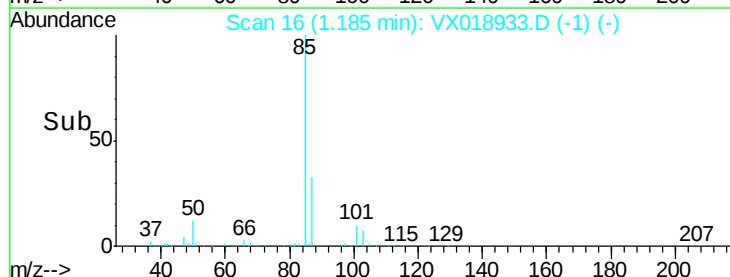
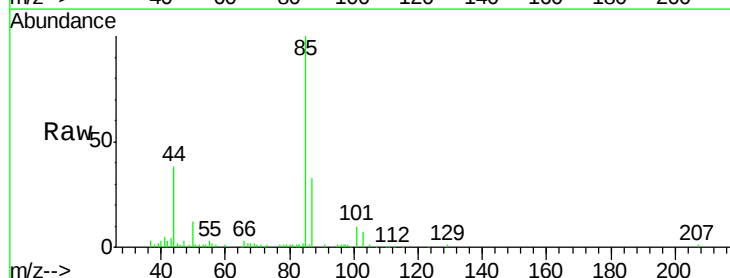
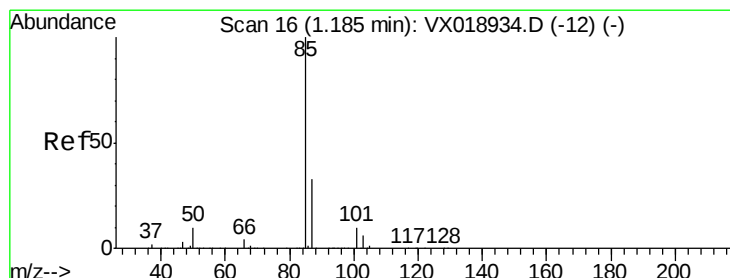
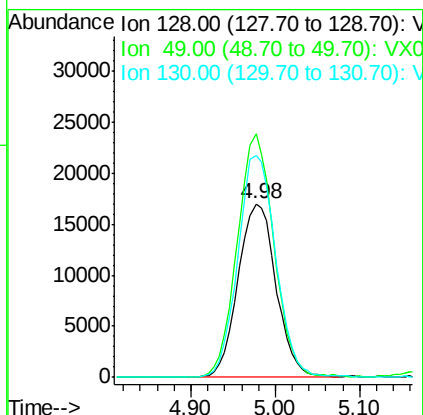
Tgt Ion:128 Resp: 52115

Ion Ratio Lower Upper

128 100

49 135.1 0.0 330.5

130 126.4 0.0 323.8



#2

Dichlorodifluoromethane

Concen: 4.632 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018933.D

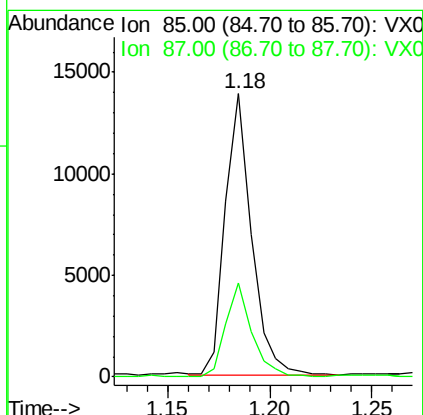
Acq: 15 Oct 2020 13:29

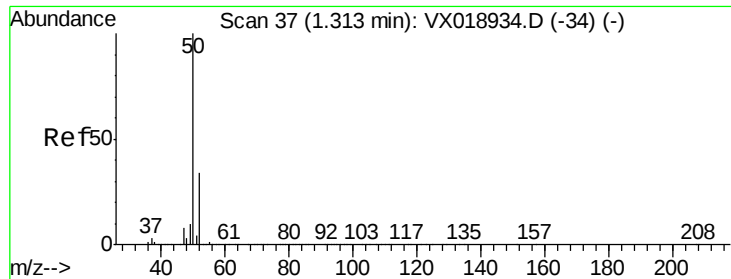
Tgt Ion: 85 Resp: 12468

Ion Ratio Lower Upper

85 100

87 33.3 16.3 48.8





#3

Chloromethane

Concen: 4.966 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

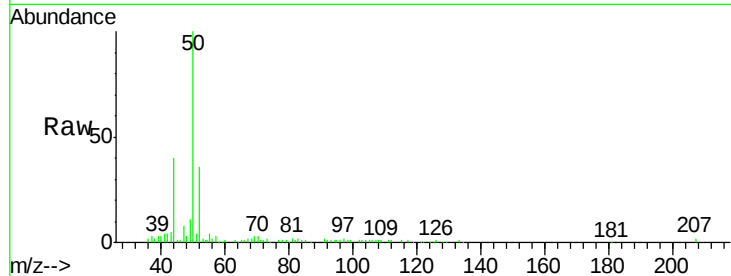
VSTDIC005

Tgt Ion: 50 Resp: 14593

Ion Ratio Lower Upper

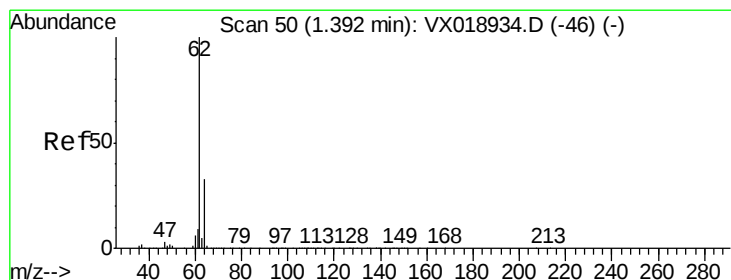
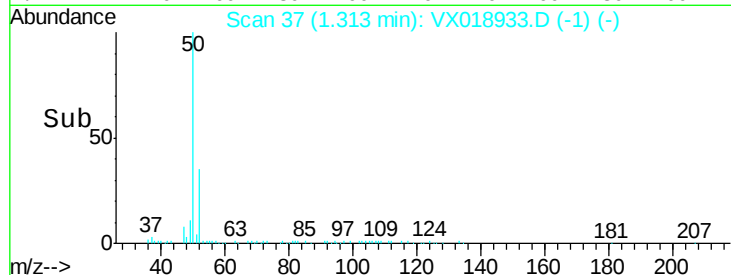
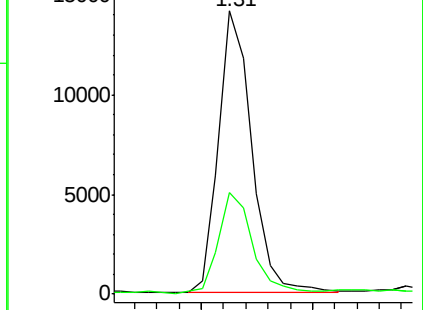
50 100

52 34.9 27.0 40.4



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 5.644 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018933.D

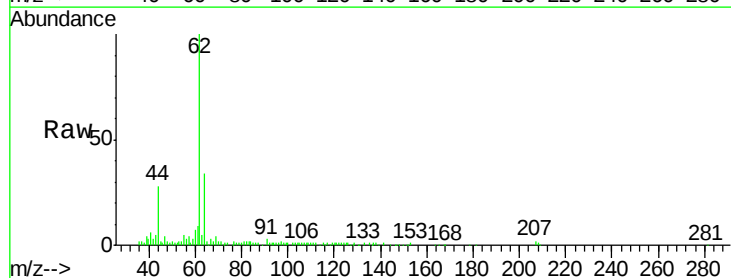
Acq: 15 Oct 2020 13:29

Tgt Ion: 62 Resp: 17731

Ion Ratio Lower Upper

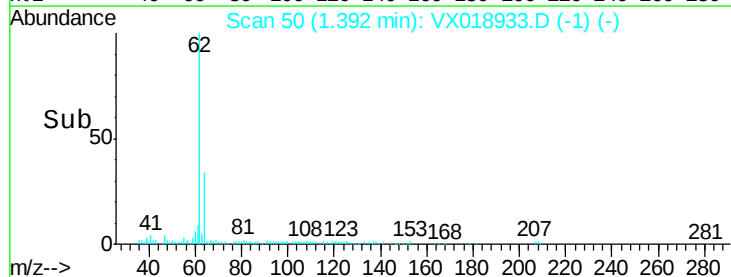
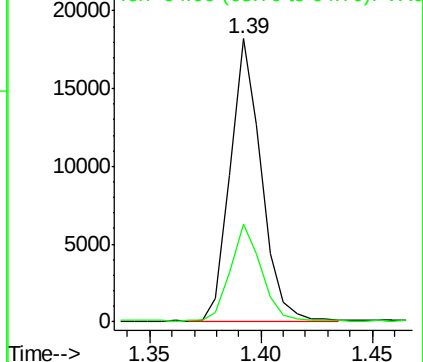
62 100

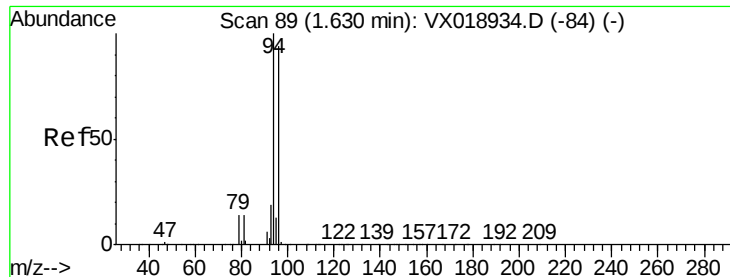
64 34.1 26.1 39.1



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 5.874 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

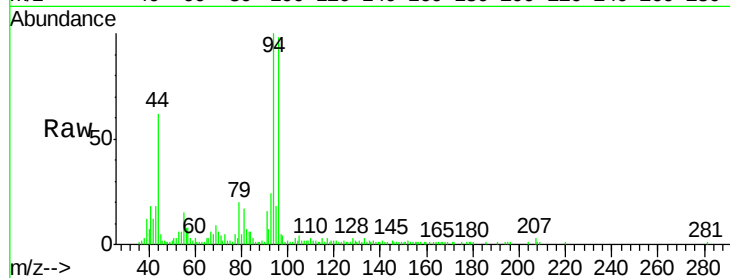
VSTDIC005

Tgt Ion: 94 Resp: 12264

Ion Ratio Lower Upper

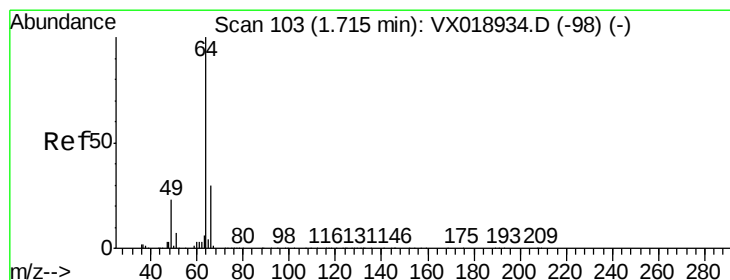
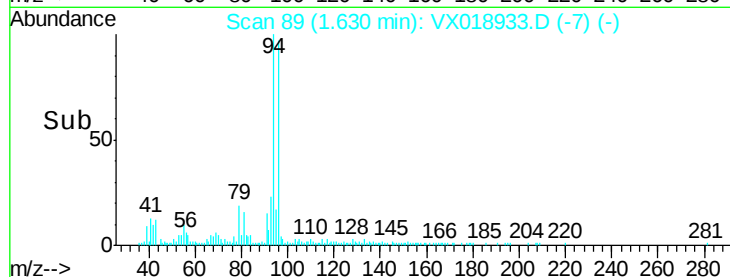
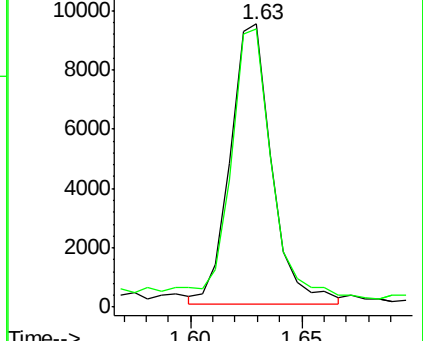
94 100

96 96.7 75.9 113.9



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 6.555 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.01 min

Lab File: VX018933.D

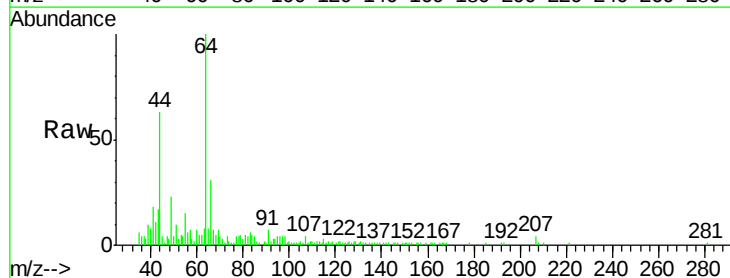
Acq: 15 Oct 2020 13:29

Tgt Ion: 64 Resp: 12727

Ion Ratio Lower Upper

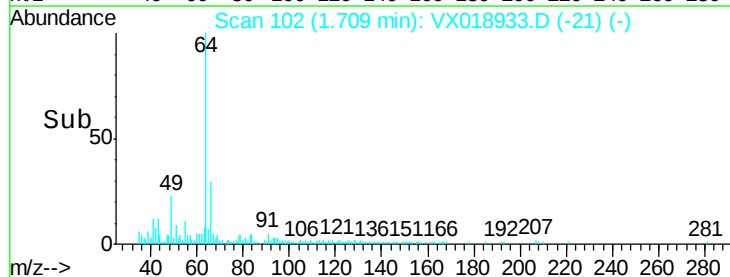
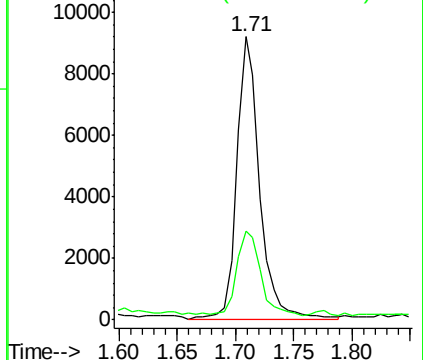
64 100

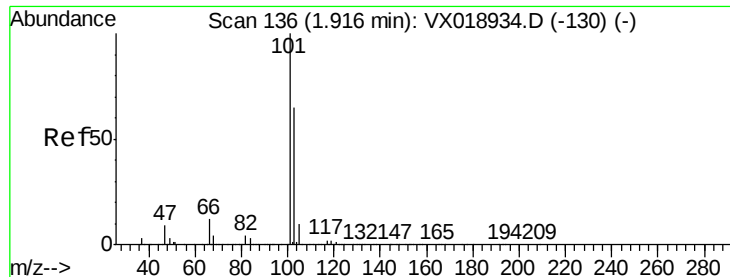
66 29.5 24.5 36.7



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



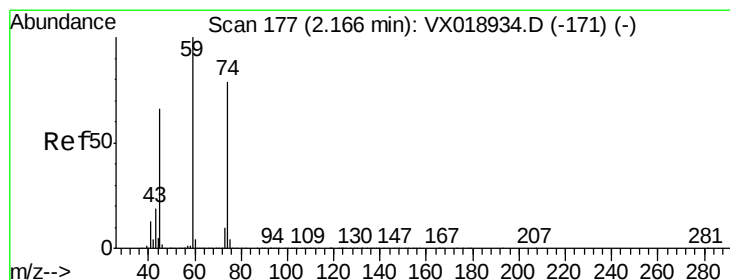
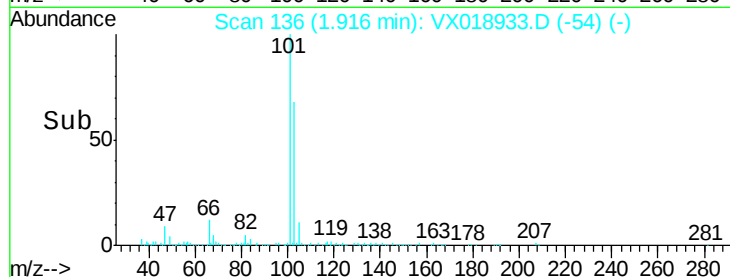
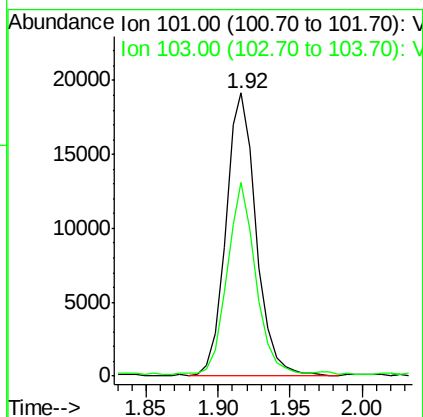
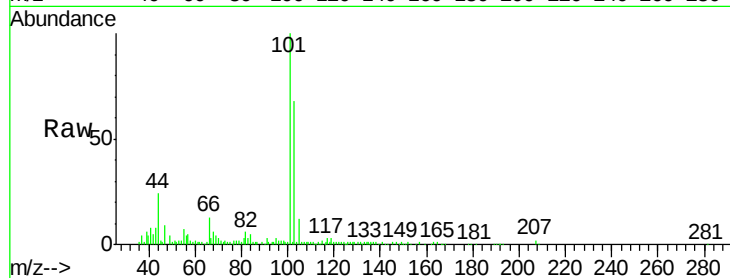


#7

Trichlorofluoromethane
Concen: 5.401 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX018933.D
Acq: 15 Oct 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

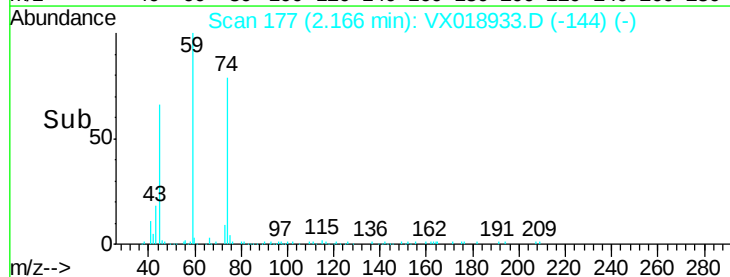
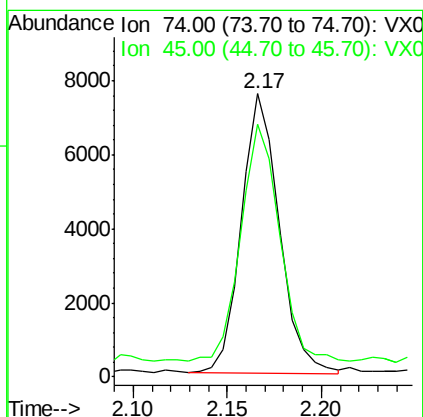
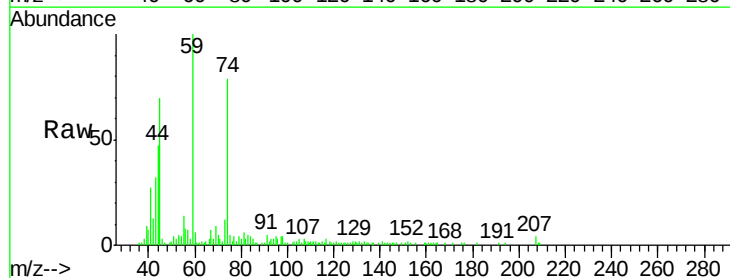
Tgt Ion: 101 Resp: 28330
Ion Ratio Lower Upper
101 100
103 67.9 51.8 77.6

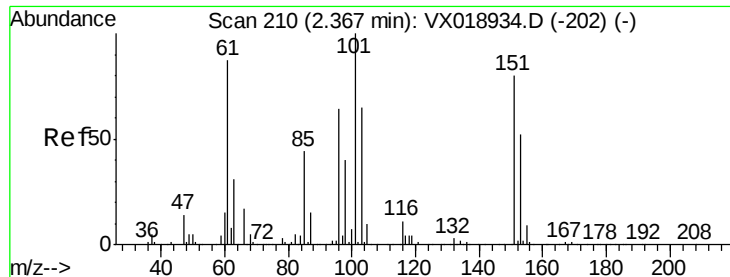


#8

Diethyl Ether
Concen: 6.121 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX018933.D
Acq: 15 Oct 2020 13:29

Tgt Ion: 74 Resp: 10553
Ion Ratio Lower Upper
74 100
45 85.3 16.6 149.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.932 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

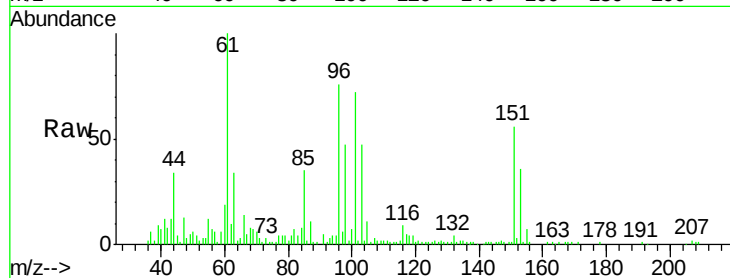
Tgt Ion:101 Resp: 16151

Ion Ratio Lower Upper

101 100

85 40.0 0.0 85.4

151 80.2 0.0 157.6

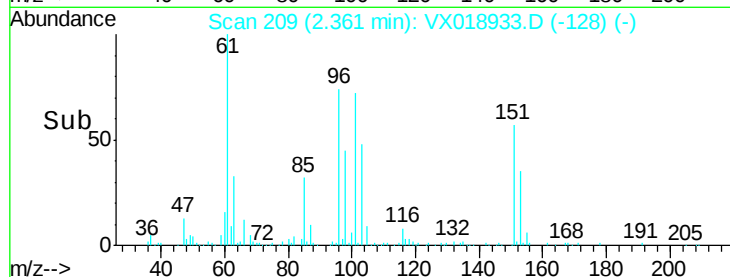


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V

Time-->

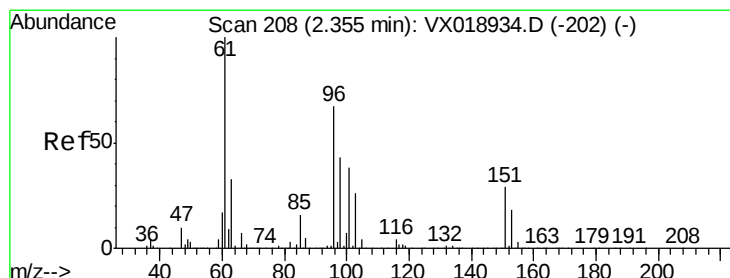


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Time-->



#10

1,1-Dichloroethene

Concen: 6.027 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

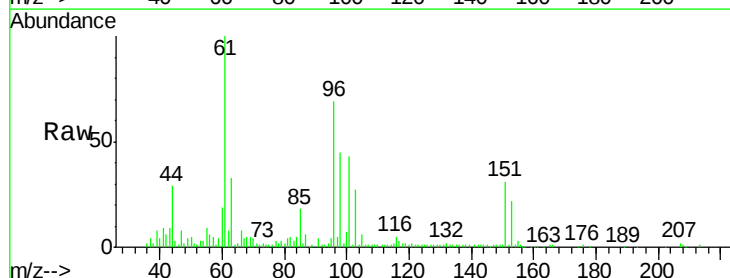
Tgt Ion: 96 Resp: 16259

Ion Ratio Lower Upper

96 100

61 147.0 120.2 180.4

98 64.2 51.4 77.0

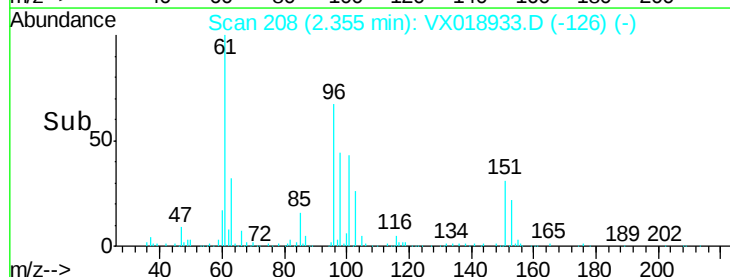


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Time-->

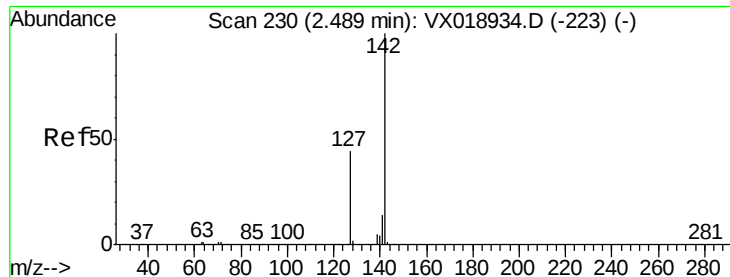


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

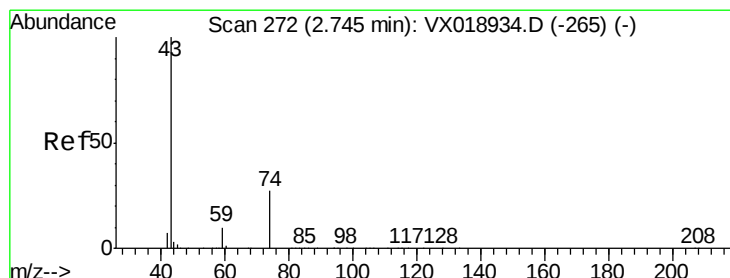
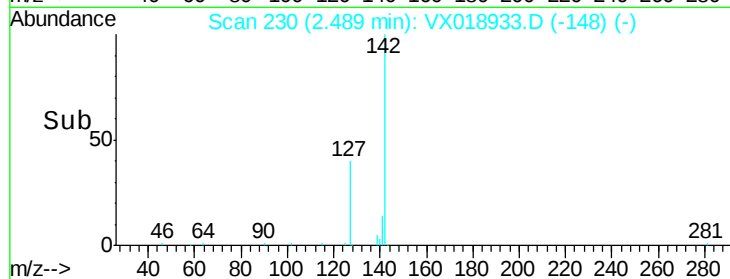
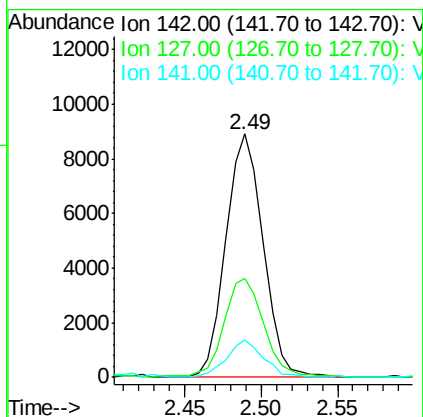
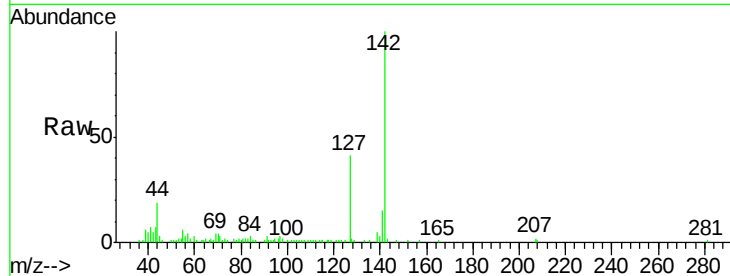
Time-->



#11
Methyl Iodide
Concen: 4.997 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX018933.D
Acq: 15 Oct 2020 13:29

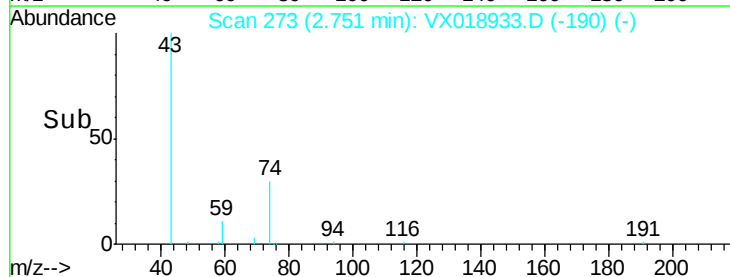
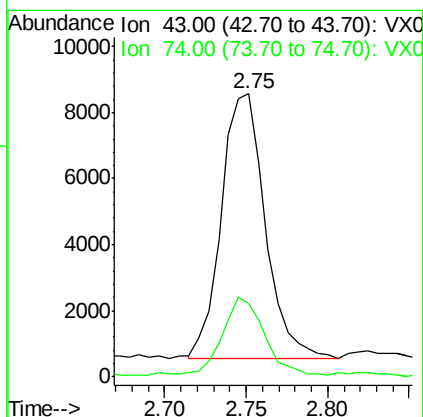
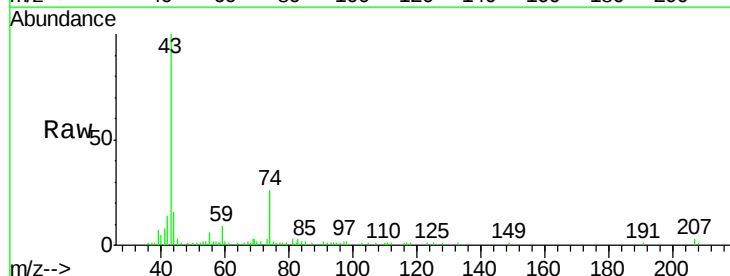
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

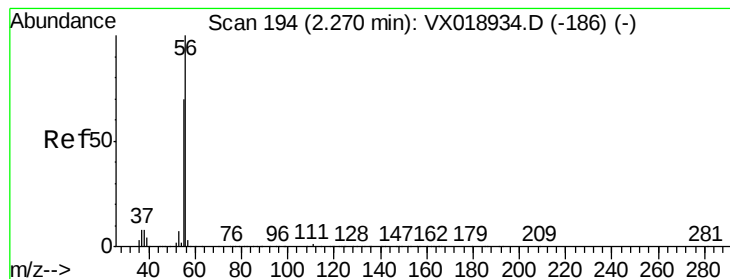
Tgt Ion:142 Resp: 15088
Ion Ratio Lower Upper
142 100
127 40.2 22.1 66.1
141 14.8 7.0 21.1



#12
Methyl Acetate
Concen: 4.434 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX018933.D
Acq: 15 Oct 2020 13:29

Tgt Ion: 43 Resp: 14945
Ion Ratio Lower Upper
43 100
74 26.4 21.6 32.4





#13

Acrolein

Concen: 44.886 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

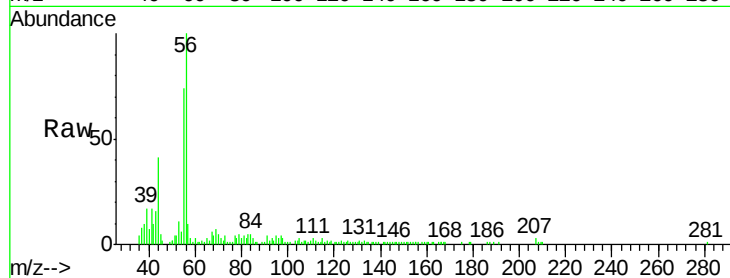
VSTDIC005

Tgt Ion: 56 Resp: 14736

Ion Ratio Lower Upper

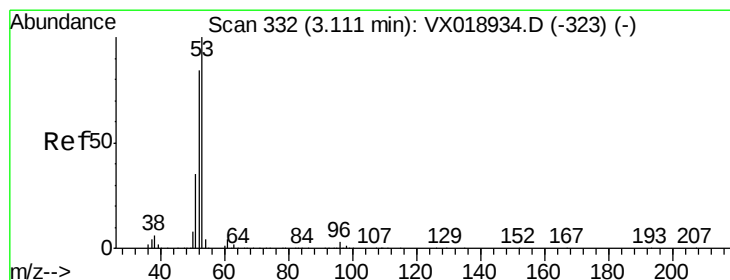
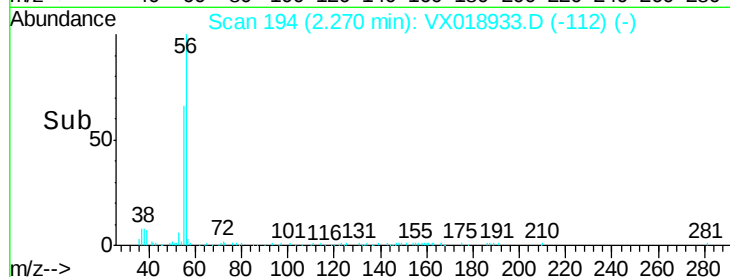
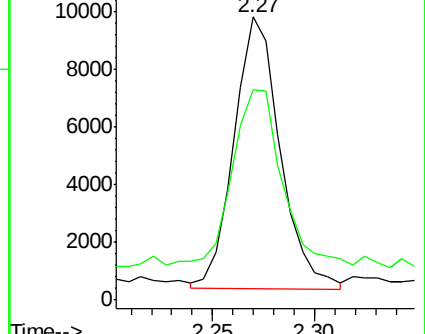
56 100

55 68.9 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 22.925 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.01 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

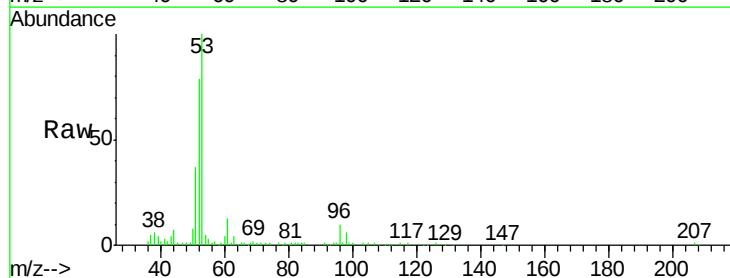
Tgt Ion: 53 Resp: 35140

Ion Ratio Lower Upper

53 100

52 81.4 40.3 120.8

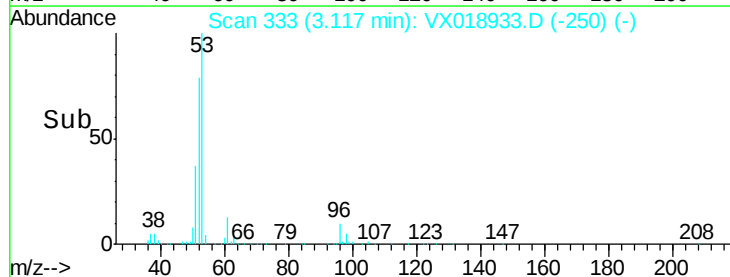
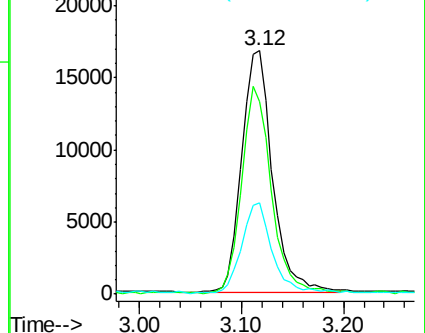
51 36.0 17.6 52.8

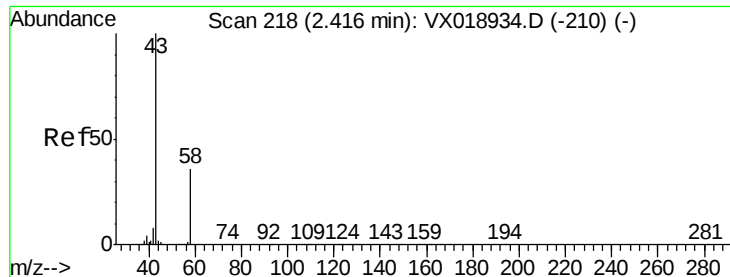


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 29.259 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

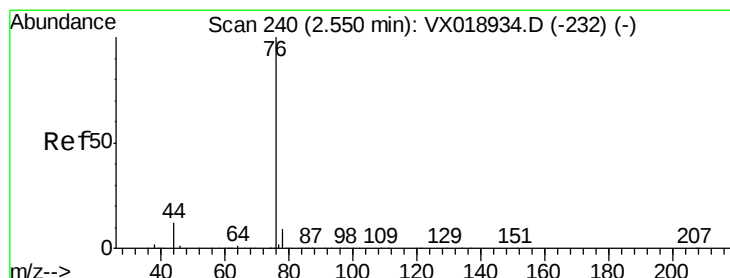
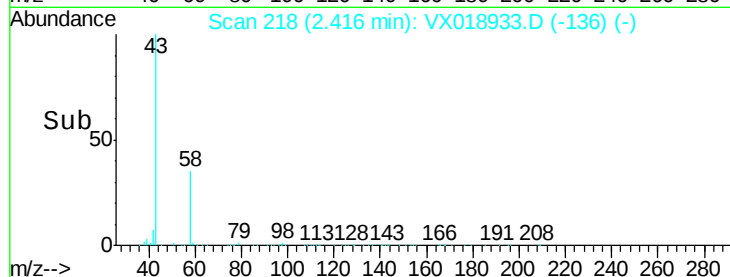
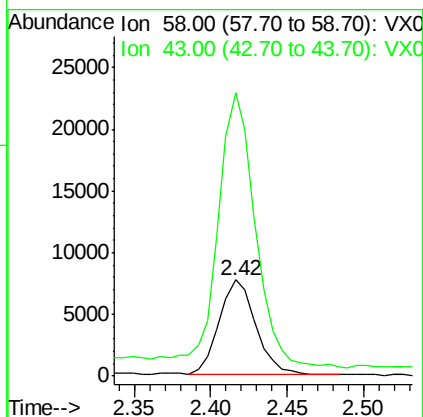
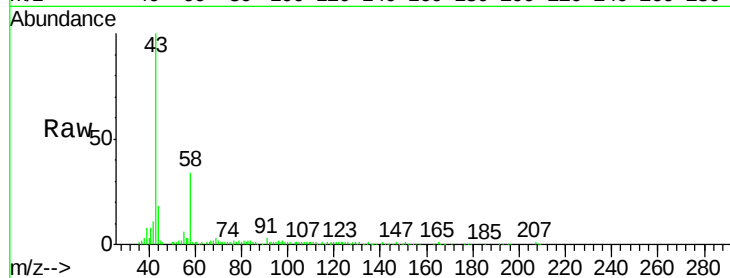
VSTDIC005

Tgt Ion: 58 Resp: 12939

Ion Ratio Lower Upper

58 100

43 287.0 223.8 335.8



#16

Carbon Disulfide

Concen: 5.181 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018933.D

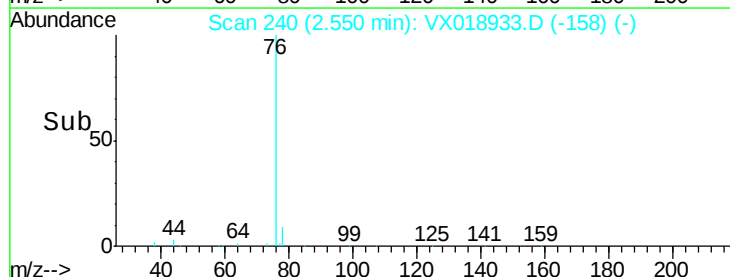
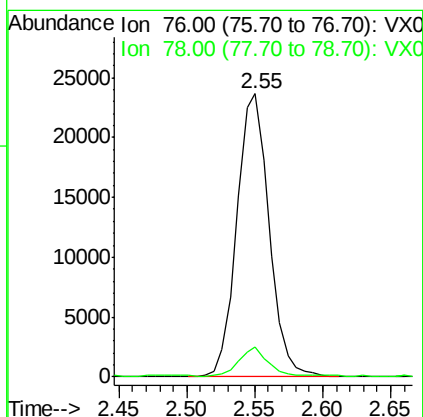
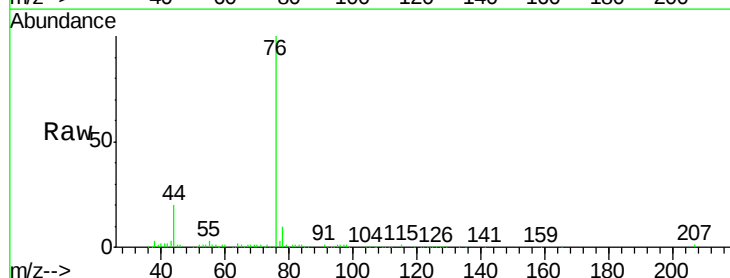
Acq: 15 Oct 2020 13:29

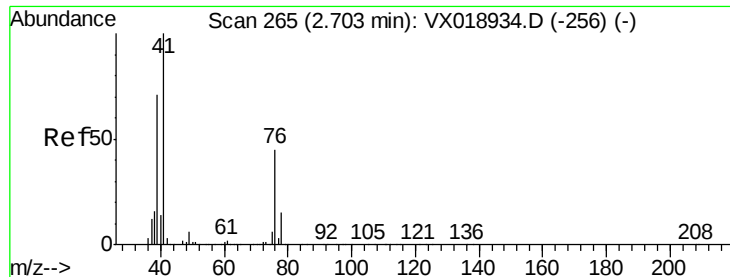
Tgt Ion: 76 Resp: 39307

Ion Ratio Lower Upper

76 100

78 10.0 7.4 11.2





#17

Allyl chloride

Concen: 4.602 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

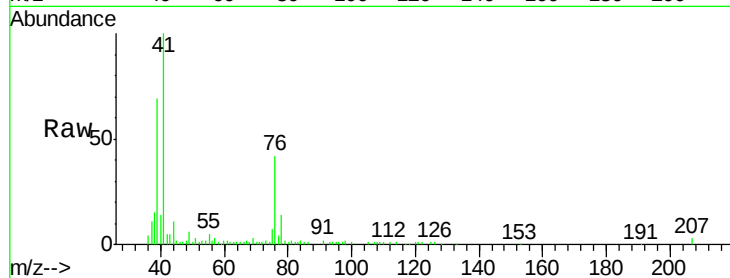
Tgt Ion: 41 Resp: 20978

Ion Ratio Lower Upper

41 100

39 69.3 35.4 106.3

76 44.0 22.4 67.2

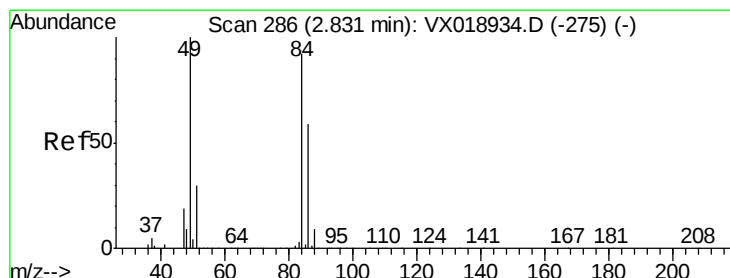
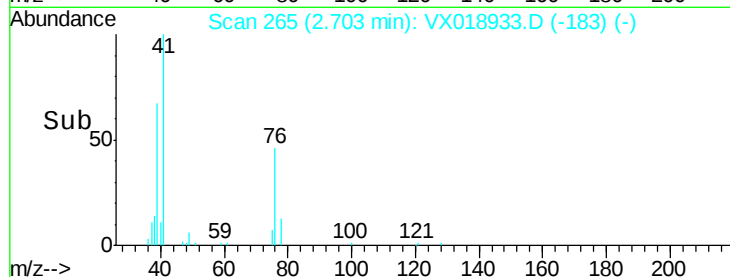
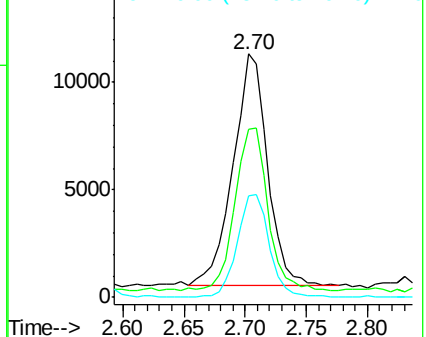


Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 76.00 (75.70 to 76.70): VX0



#18

Methylene Chloride

Concen: 5.667 ug/l

RT: 2.83 min Scan# 286

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Tgt Ion: 84 Resp: 17376

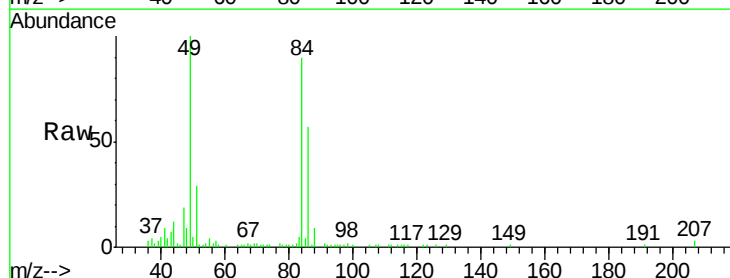
Ion Ratio Lower Upper

84 100

49 112.9 87.2 130.8

51 31.9 25.9 38.9

86 64.4 51.3 76.9



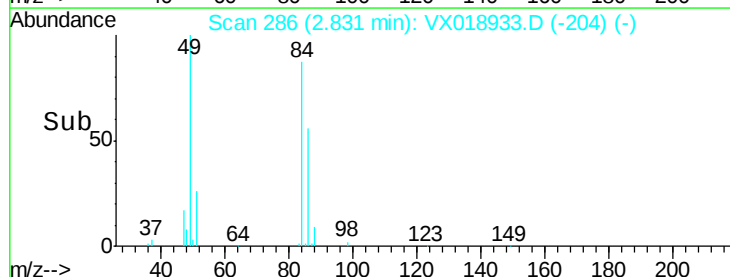
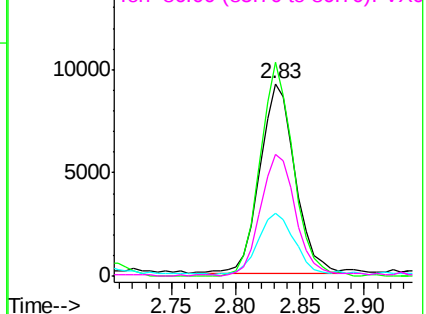
Abundance

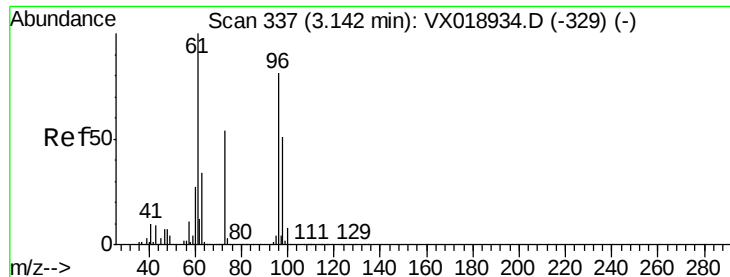
Ion 84.00 (83.70 to 84.70): VX0

Ion 49.00 (48.70 to 49.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#19

trans-1,2-Dichloroethene

Concen: 5.532 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

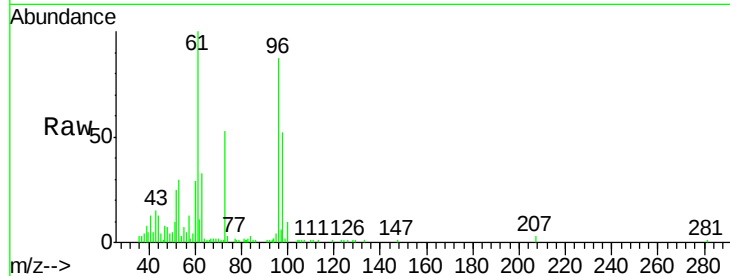
Tgt Ion: 96 Resp: 16286

Ion Ratio Lower Upper

96 100

61 116.0 98.6 147.8

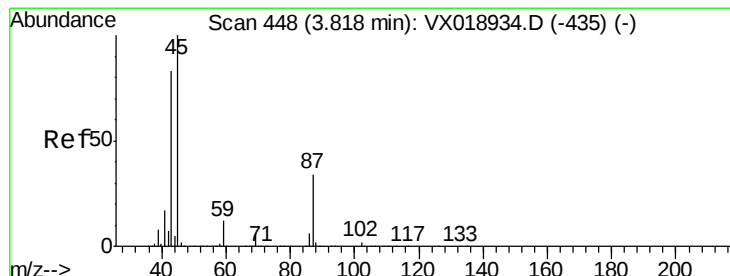
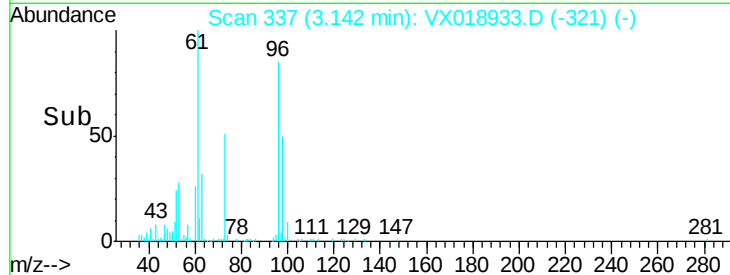
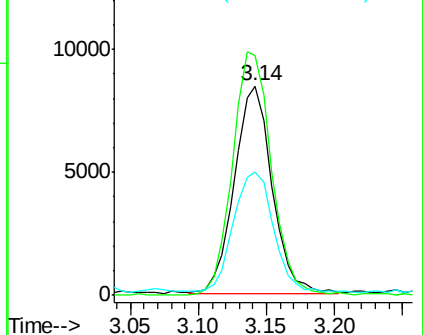
98 58.1 50.3 75.5



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 4.264 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.01 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Tgt Ion: 45 Resp: 37881

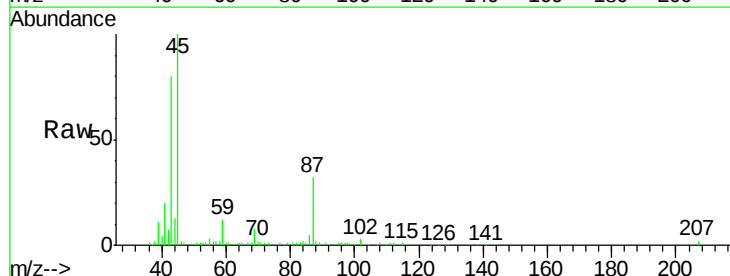
Ion Ratio Lower Upper

45 100

43 74.3 69.7 104.5

87 32.5 26.9 40.3

59 12.0 9.9 14.9

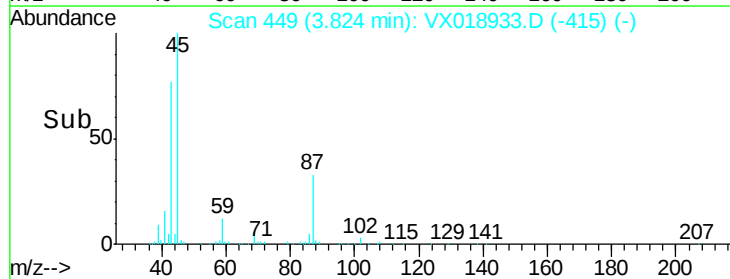
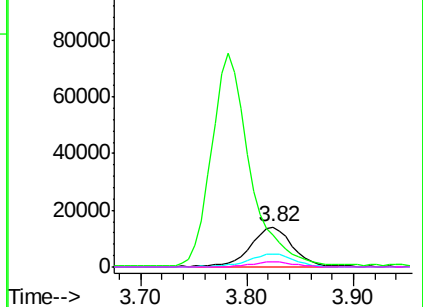


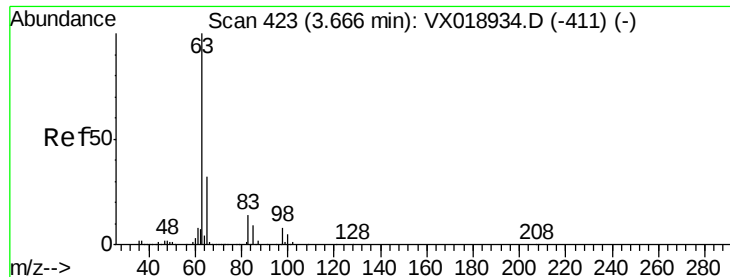
Abundance Ion 45.00 (44.70 to 45.70): VX0

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

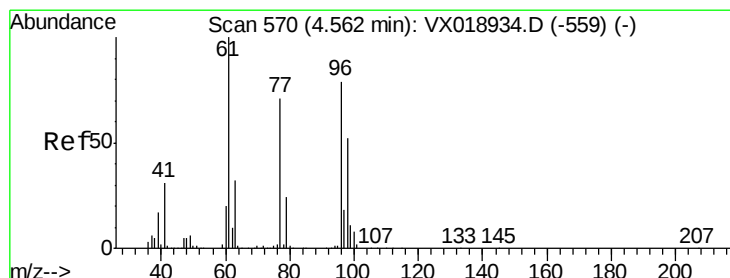
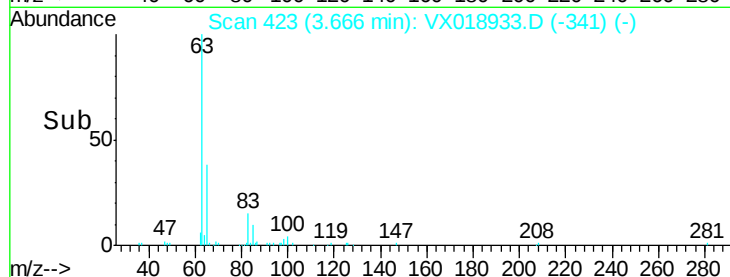
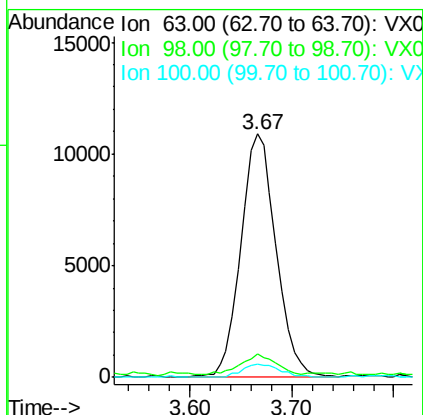
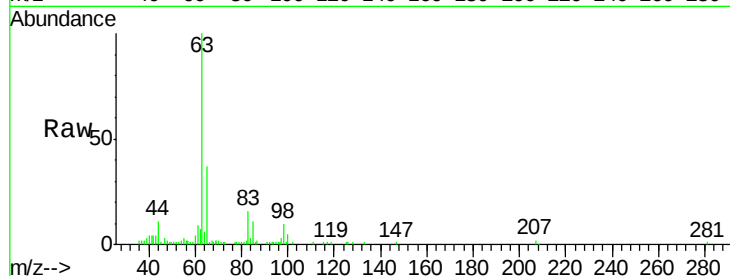




#21
 1,1-Dichloroethane
 Concen: 4.972 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: VX018933.D
 Acq: 15 Oct 2020 13:29

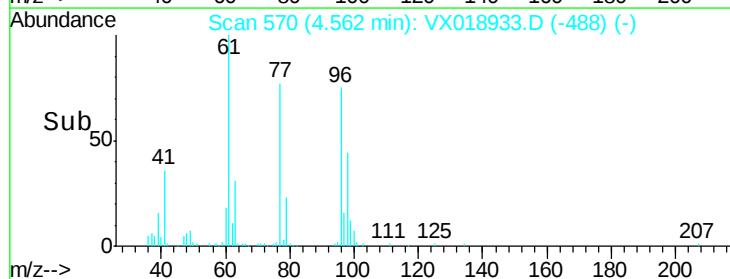
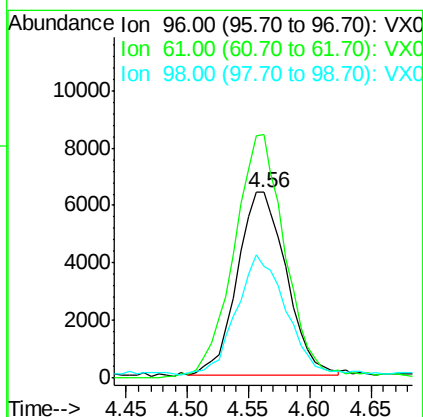
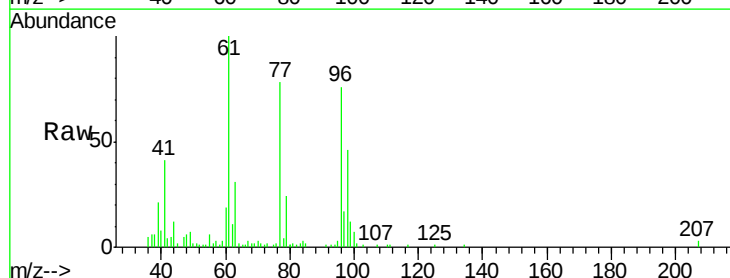
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

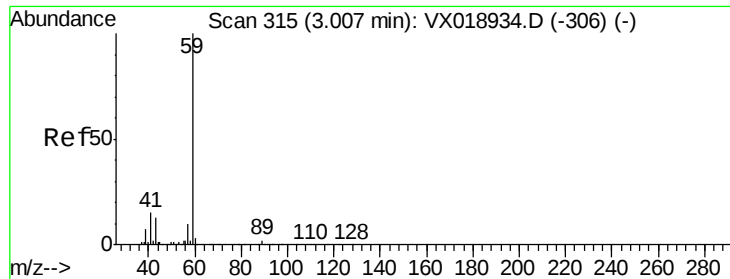
Tgt Ion:	63	Resp:	26125
Ion	Ratio	Lower	Upper
63	100		
98	8.5	4.0	11.9
100	5.3	2.5	7.6



#22
 cis-1,2-Dichloroethene
 Concen: 5.429 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: VX018933.D
 Acq: 15 Oct 2020 13:29

Tgt Ion:	96	Resp:	17661
Ion	Ratio	Lower	Upper
96	100		
61	138.1	107.7	161.5
98	66.2	51.9	77.9





#23

tert-Butyl Alcohol

Concen: 29.963 ug/l

RT: 3.01 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

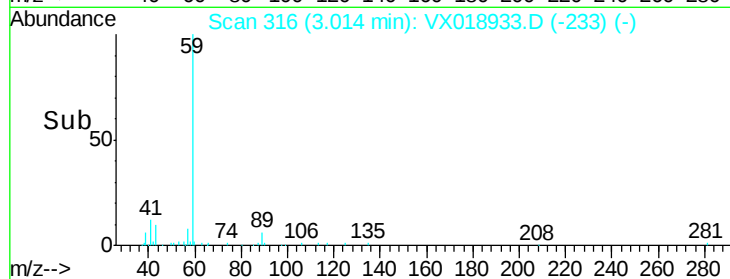
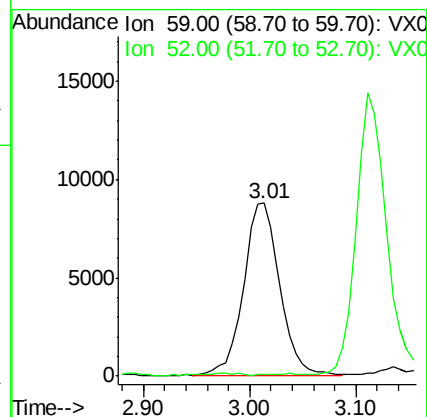
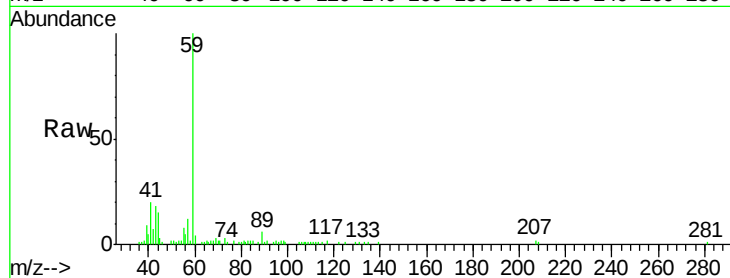
VSTDIC005

Tgt Ion: 59 Resp: 21152

Ion Ratio Lower Upper

59 100

52 0.3 0.2 0.2#



#24

Methyl tert-Butyl Ether

Concen: 4.678 ug/l

RT: 3.16 min Scan# 340

Delta R.T. -0.01 min

Lab File: VX018933.D

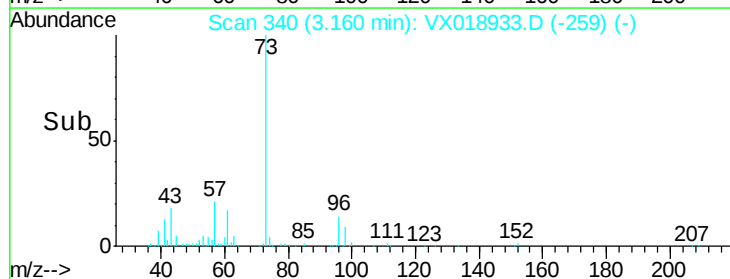
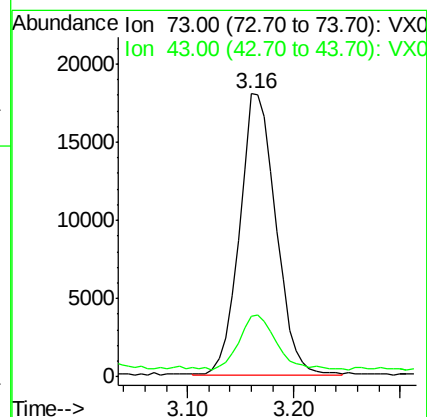
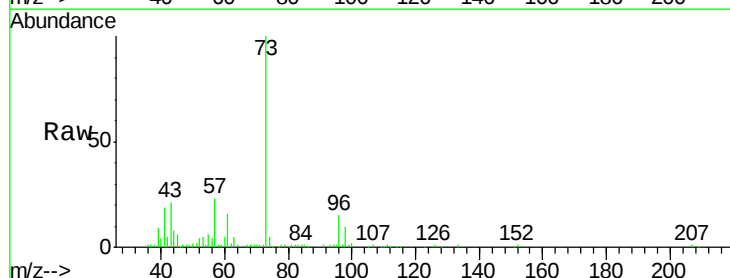
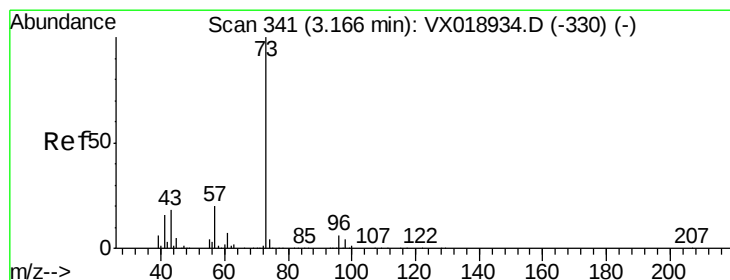
Acq: 15 Oct 2020 13:29

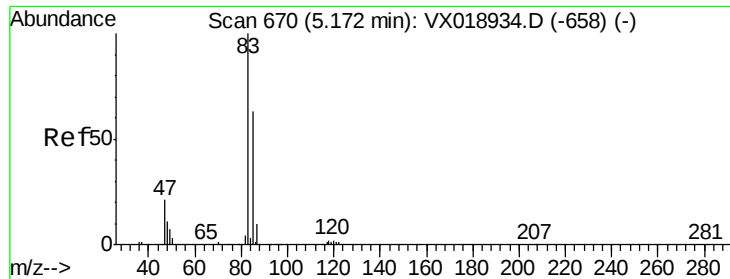
Tgt Ion: 73 Resp: 42991

Ion Ratio Lower Upper

73 100

43 19.8 13.8 20.8





#25

Chloroform

Concen: 4.936 ug/l

RT: 5.17 min Scan# 670

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

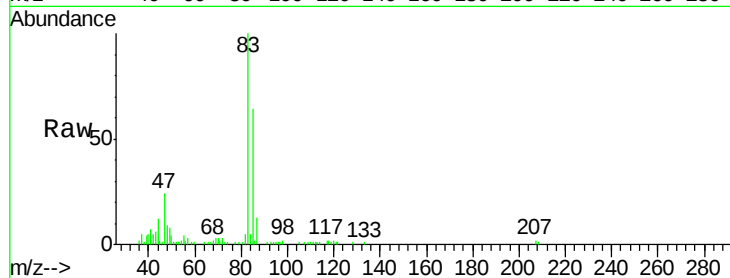
VSTDIC005

Tgt Ion: 83 Resp: 27667

Ion Ratio Lower Upper

83 100

85 63.6 50.3 75.5



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

5.17

10000

8000

6000

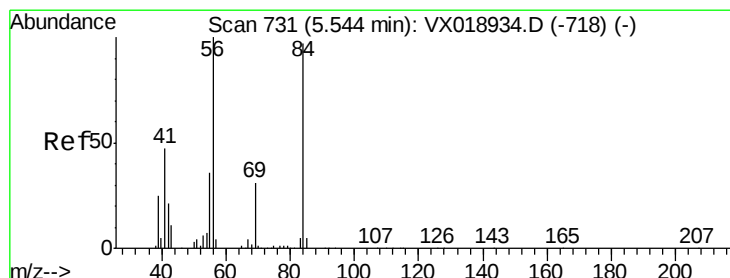
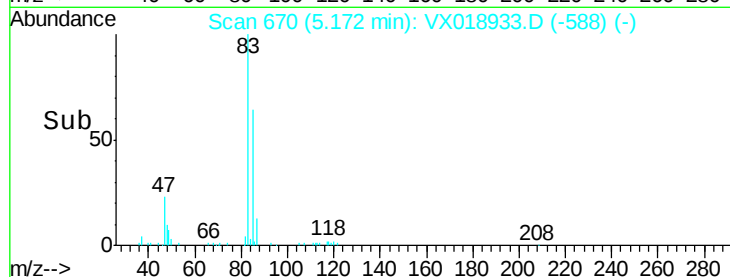
4000

2000

0

Time-->

5.10 5.20 5.30



#26

Cyclohexane

Concen: 5.071 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

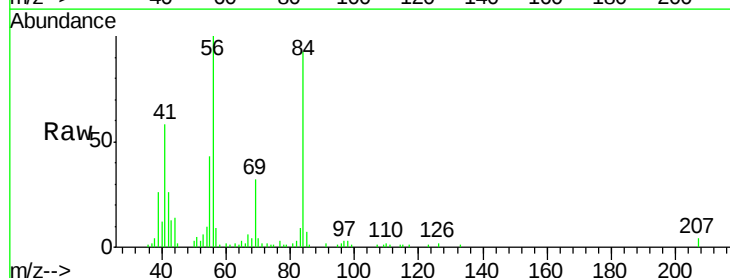
Tgt Ion: 56 Resp: 21673

Ion Ratio Lower Upper

56 100

89 0.1 0.0 0.0#

84 93.9 78.0 117.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

5.54

10000

8000

6000

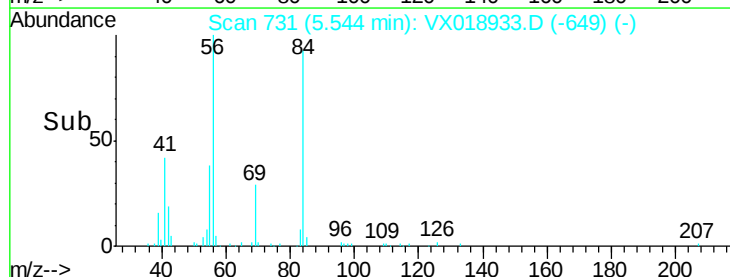
4000

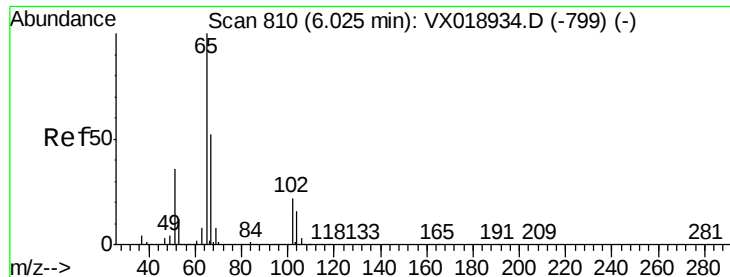
2000

0

Time-->

5.45 5.50 5.55 5.60 5.65





#27

1,2-Dichloroethane-d4

Concen: 25.933 ug/l

RT: 6.03 min Scan# 810

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

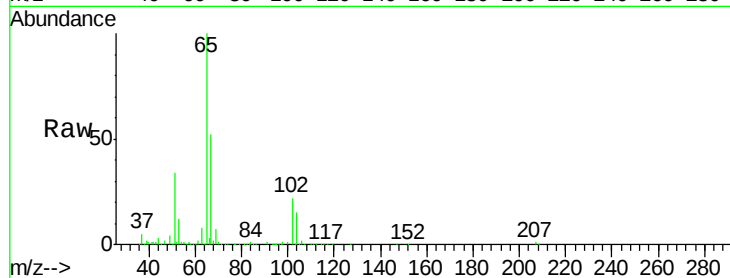
VSTDIC005

Tgt Ion: 65 Resp: 102368

Ion Ratio Lower Upper

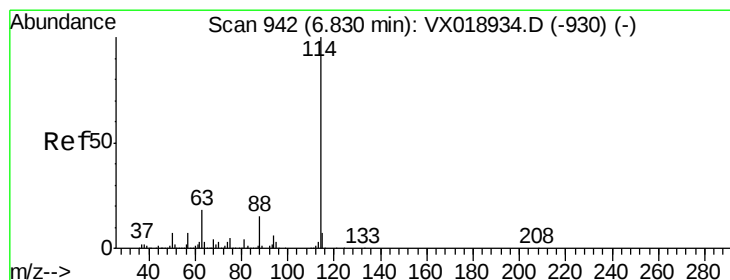
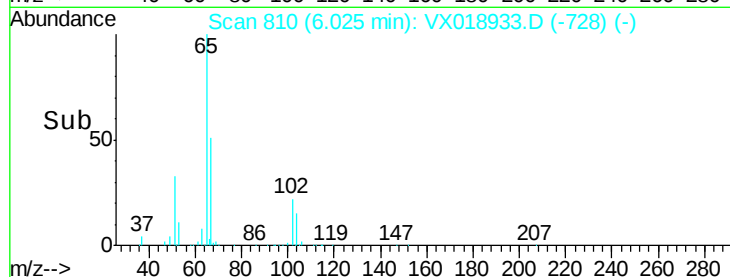
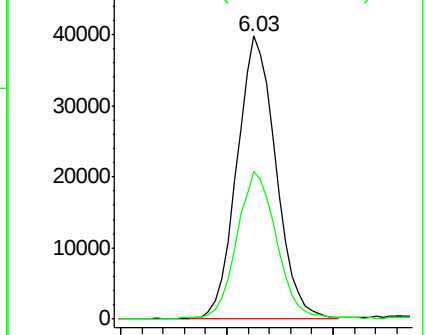
65 100

67 52.1 42.1 63.1



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

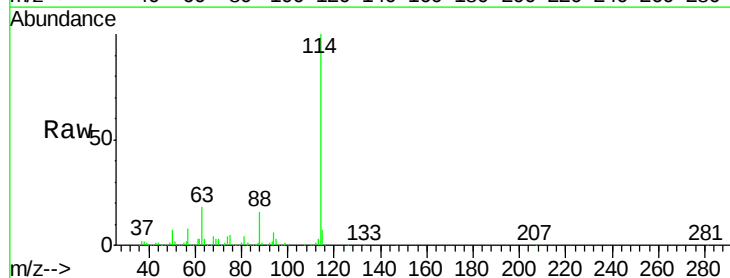
Tgt Ion: 114 Resp: 291385

Ion Ratio Lower Upper

114 100

63 18.9 14.6 21.8

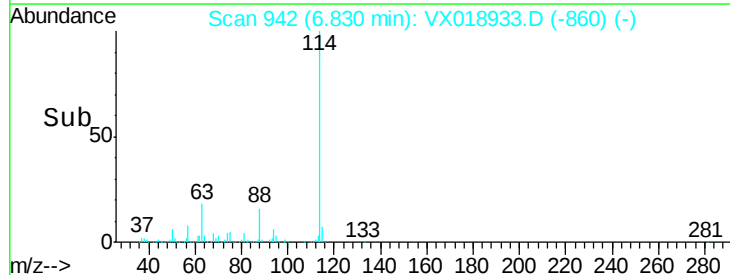
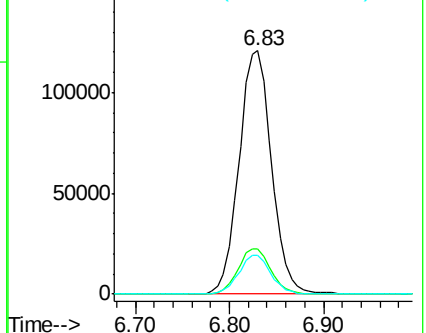
88 15.8 12.3 18.5

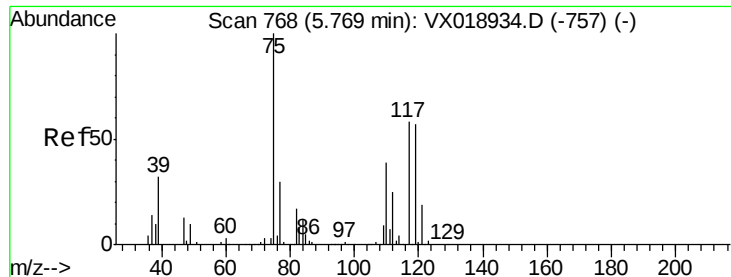


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 4.860 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

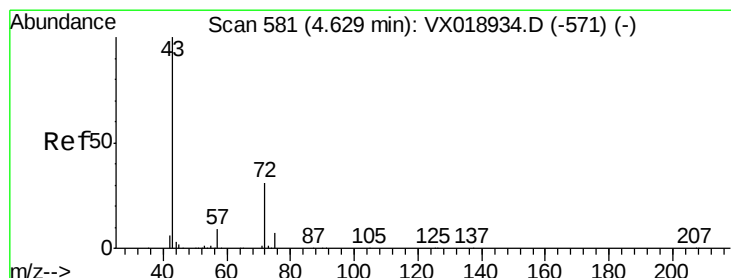
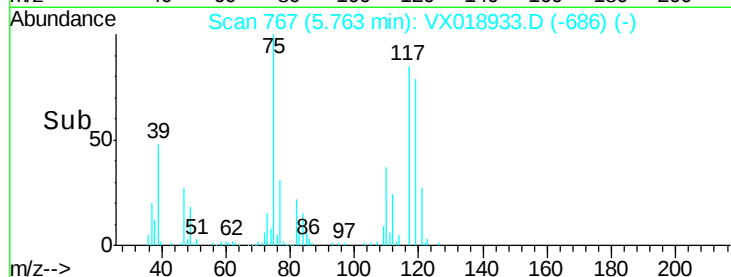
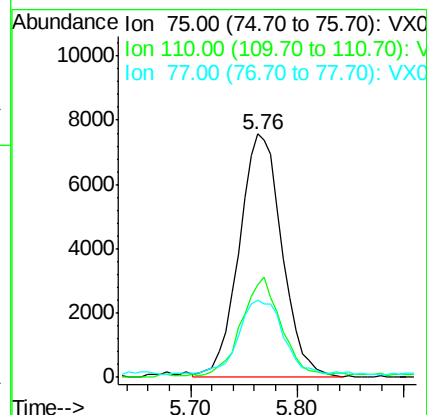
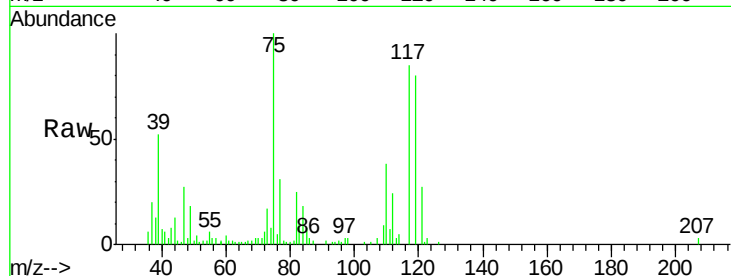
Tgt Ion: 75 Resp: 21410

Ion Ratio Lower Upper

75 100

110 36.6 0.0 79.2

77 30.8 0.0 62.6



#30

2-Butanone

Concen: 22.260 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

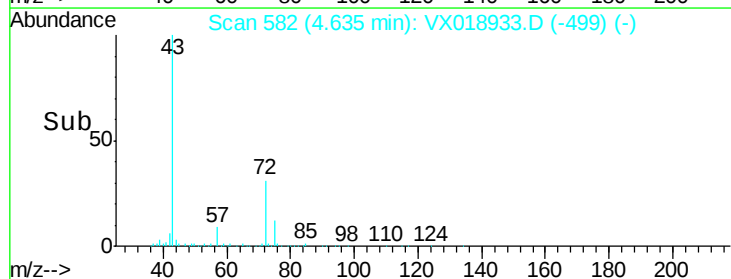
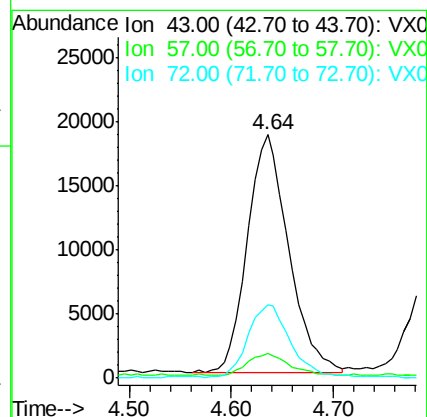
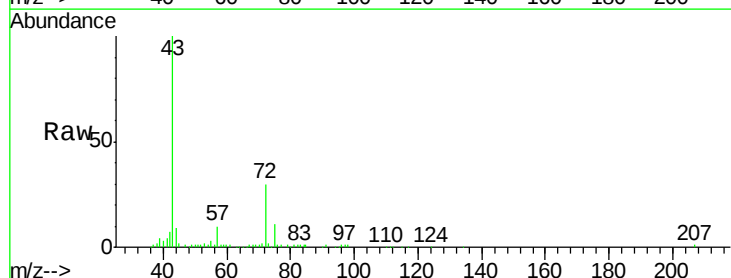
Tgt Ion: 43 Resp: 52602

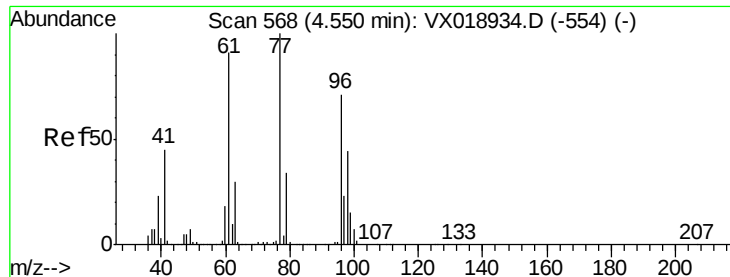
Ion Ratio Lower Upper

43 100

57 8.8 7.0 10.6

72 30.7 25.6 38.4





#31

2,2-Dichloropropane

Concen: 4.848 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

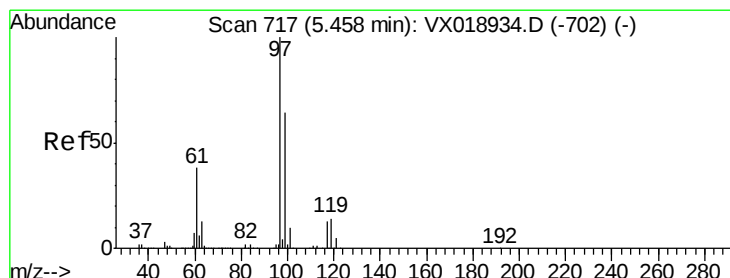
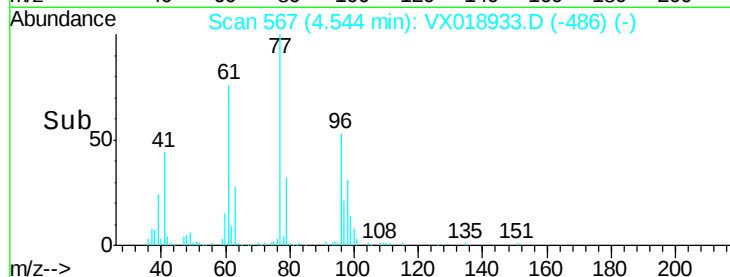
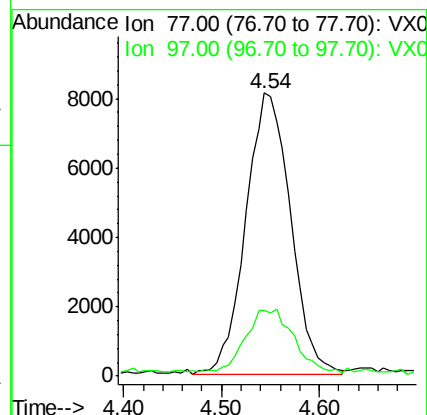
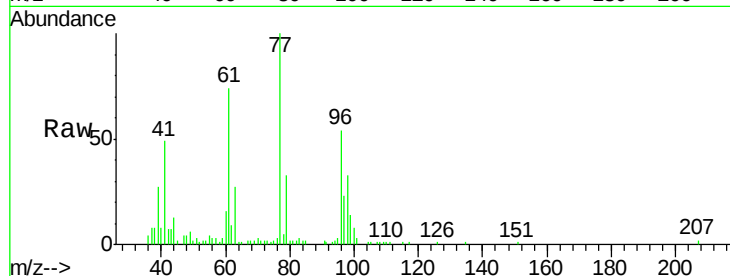
VSTDIC005

Tgt Ion: 77 Resp: 25656

Ion Ratio Lower Upper

77 100

97 12.6 19.0 28.6#



#32

1,1,1-Trichloroethane

Concen: 4.584 ug/l

RT: 5.46 min Scan# 717

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

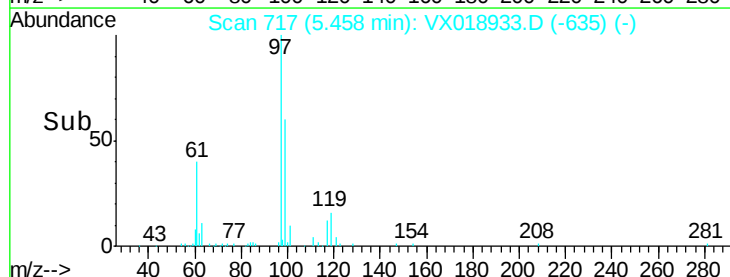
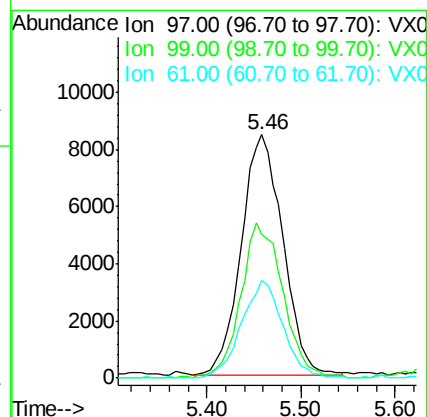
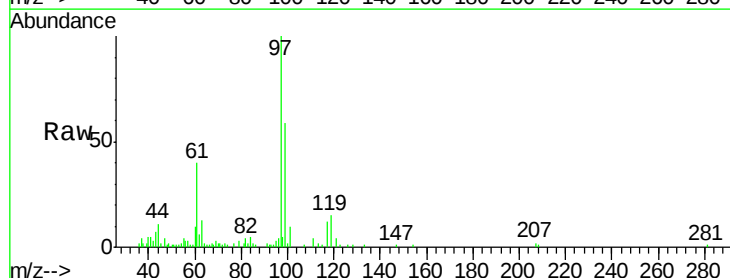
Tgt Ion: 97 Resp: 25964

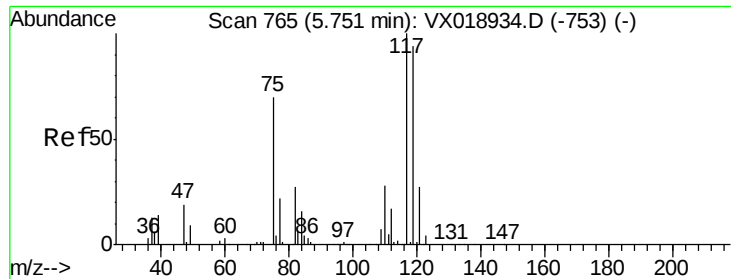
Ion Ratio Lower Upper

97 100

99 65.5 52.6 78.8

61 40.4 31.5 47.3

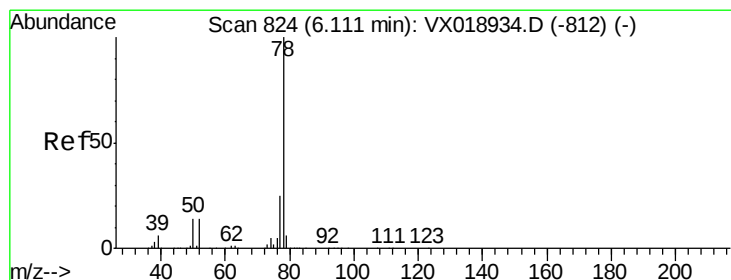
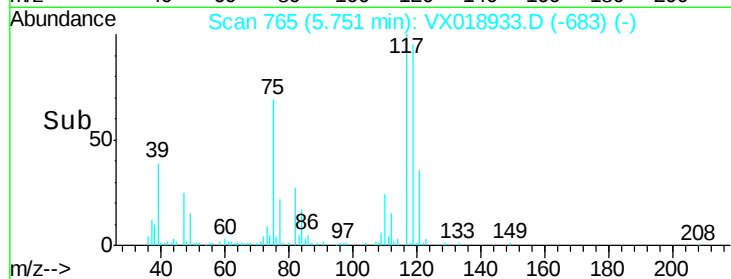
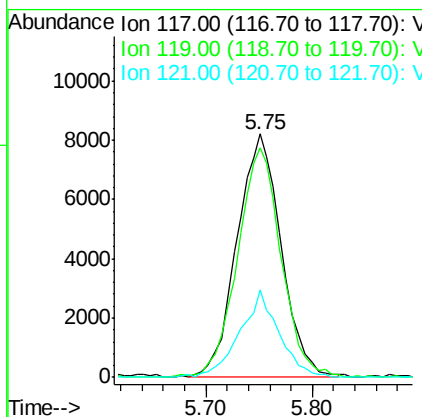
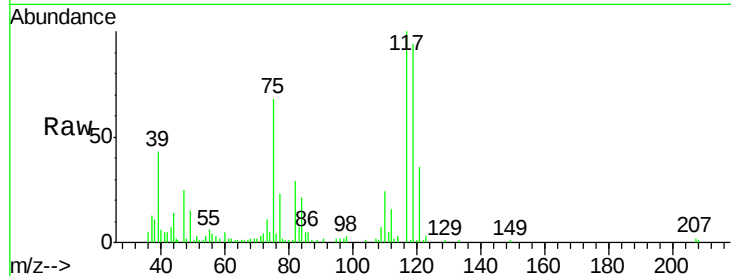




#33
Carbon Tetrachloride
Concen: 4.533 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX018933.D
Acq: 15 Oct 2020 13:29

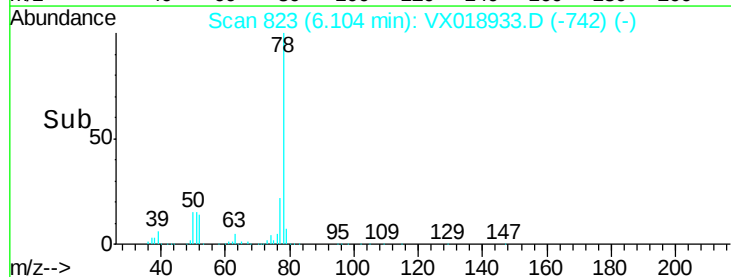
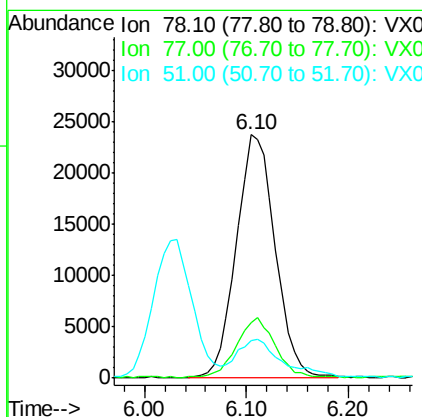
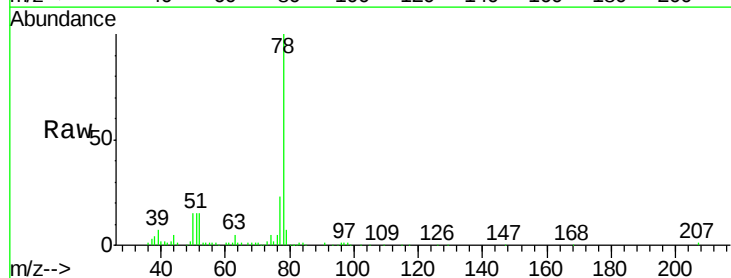
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

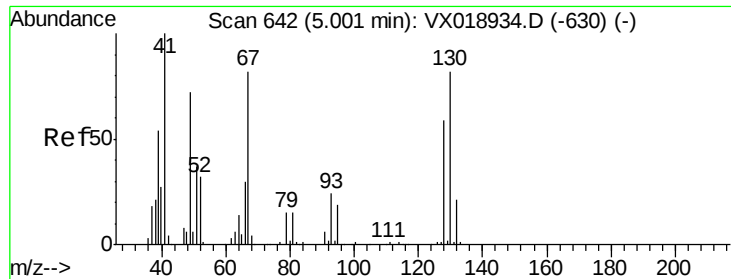
Tgt Ion:117 Resp: 23820
Ion Ratio Lower Upper
117 100
119 93.4 75.0 112.4
121 35.7 21.8 32.8#



#34
Benzene
Concen: 4.992 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX018933.D
Acq: 15 Oct 2020 13:29

Tgt Ion: 78 Resp: 62861
Ion Ratio Lower Upper
78 100
77 22.2 19.7 29.5
51 14.7 12.0 18.0

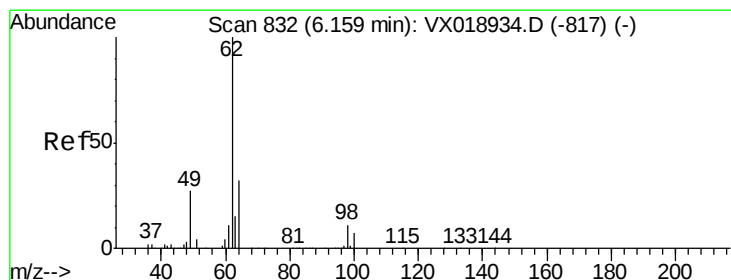
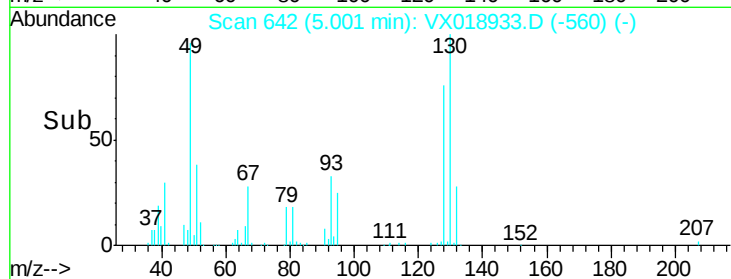
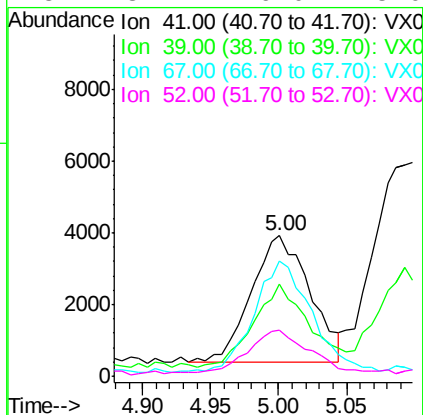
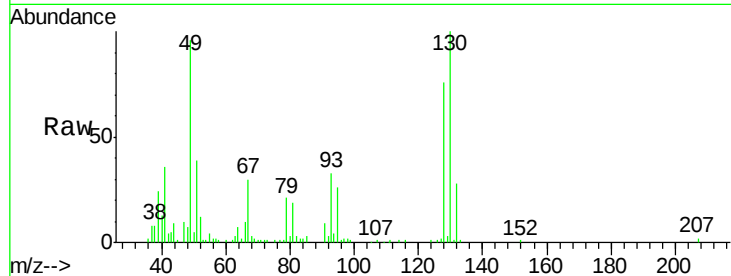




#35
Methacrylonitrile
Concen: 4.221 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX018933.D
Acq: 15 Oct 2020 13:29

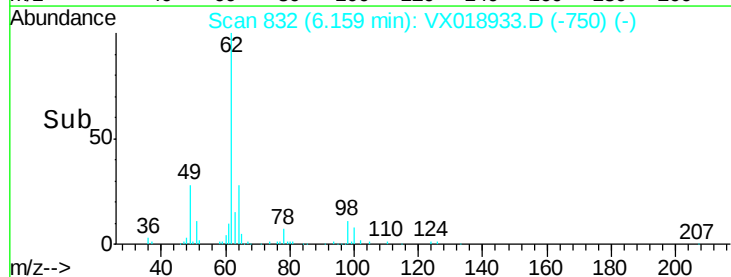
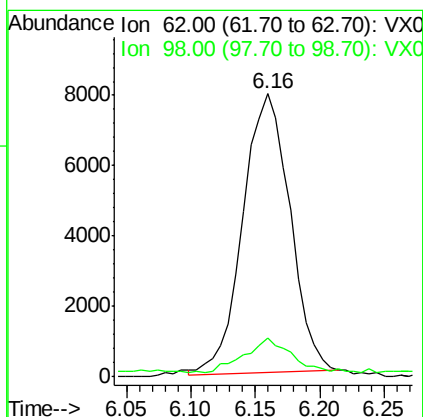
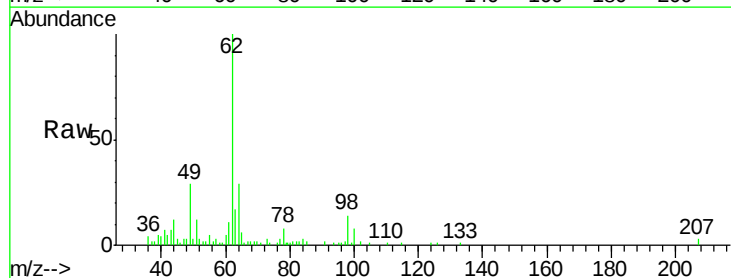
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

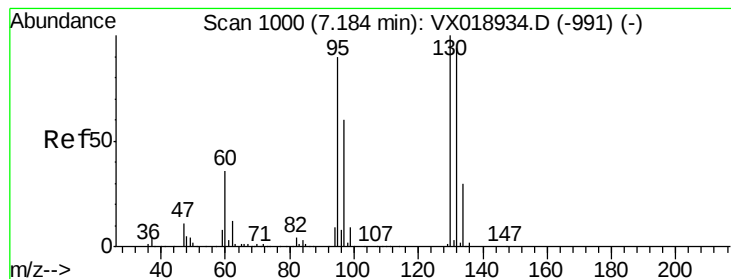
Tgt Ion:	41	Resp:	10536
Ion	Ratio	Lower	Upper
41	100		
39	64.8	27.0	81.0
67	88.1	41.1	123.3
52	34.2	16.0	48.0



#36
1,2-Dichloroethane
Concen: 4.002 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX018933.D
Acq: 15 Oct 2020 13:29

Tgt Ion:	62	Resp:	20153
Ion	Ratio	Lower	Upper
62	100		
98	12.0	8.9	13.3





#37

Trichloroethene

Concen: 4.914 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

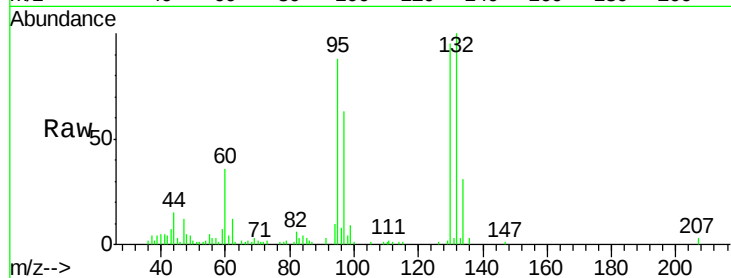
VSTDIC005

Tgt Ion:130 Resp: 18053

Ion Ratio Lower Upper

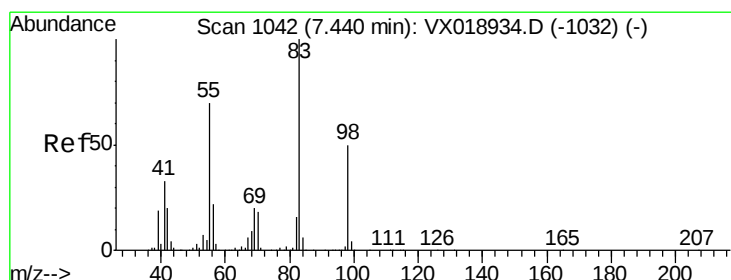
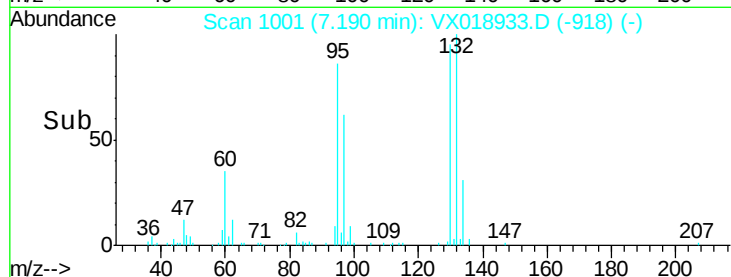
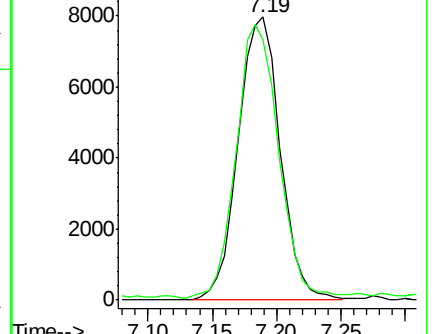
130 100

95 90.5 71.8 107.6



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 5.117 ug/l

RT: 7.43 min Scan# 1041

Delta R.T. -0.01 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

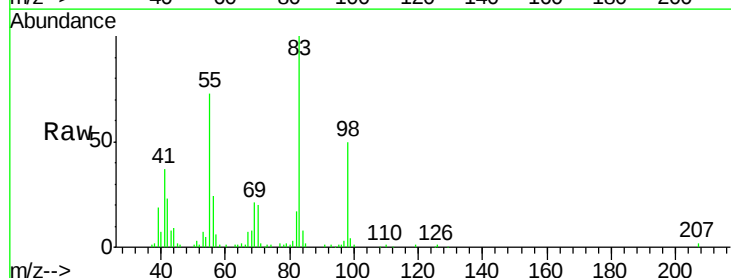
Tgt Ion: 83 Resp: 24526

Ion Ratio Lower Upper

83 100

55 73.5 34.8 104.4

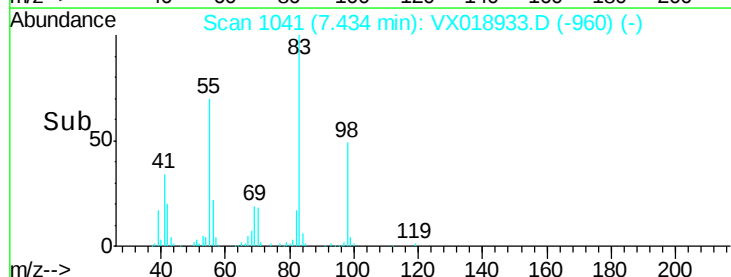
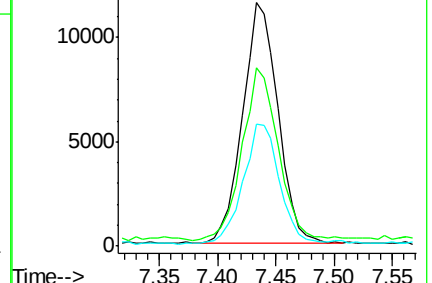
98 50.7 25.8 77.4

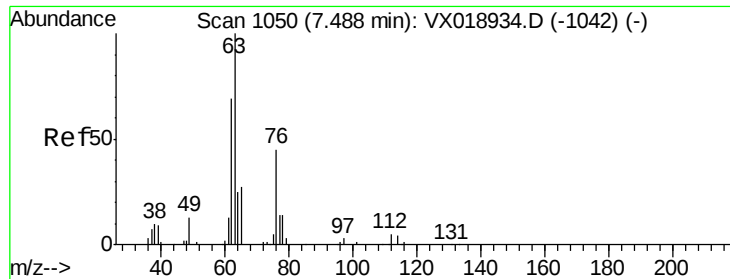


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#39

1,2-Dichloropropane

Concen: 4.630 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

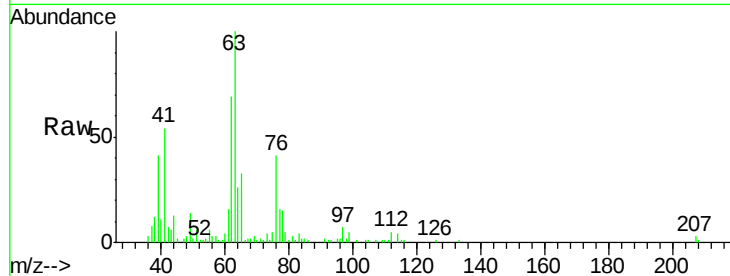
VSTDIC005

Tgt Ion: 63 Resp: 15353

Ion Ratio Lower Upper

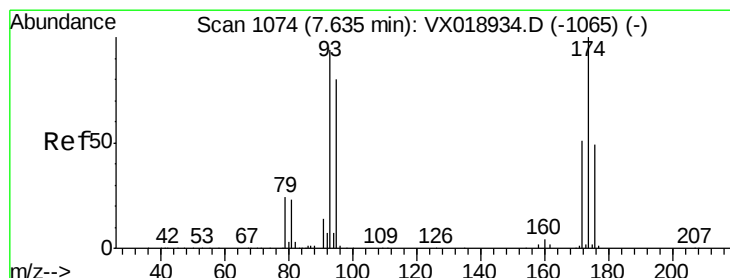
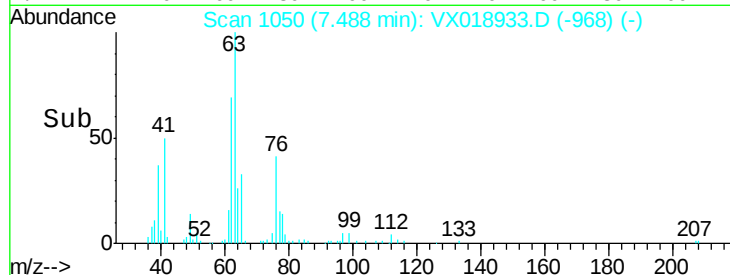
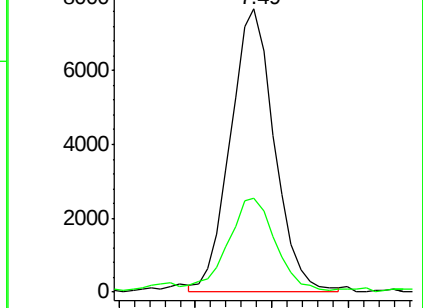
63 100

65 32.4 23.0 34.6



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0



#40

Dibromomethane

Concen: 4.648 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

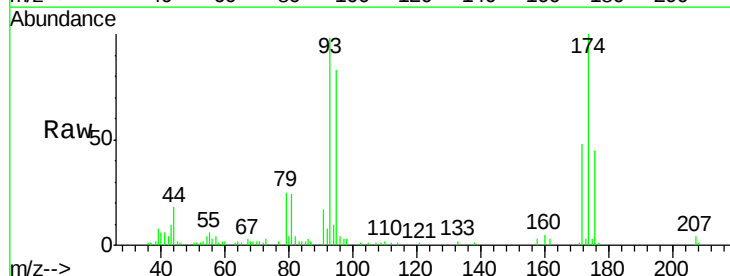
Tgt Ion: 93 Resp: 11183

Ion Ratio Lower Upper

93 100

95 89.9 0.0 164.0

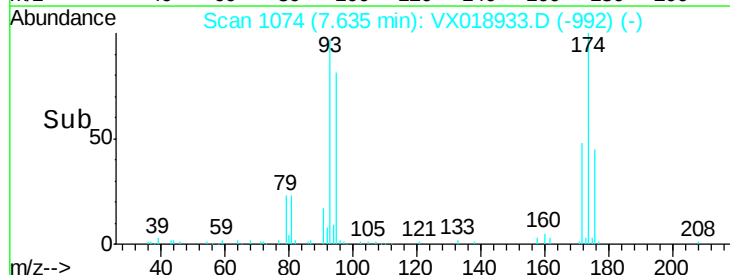
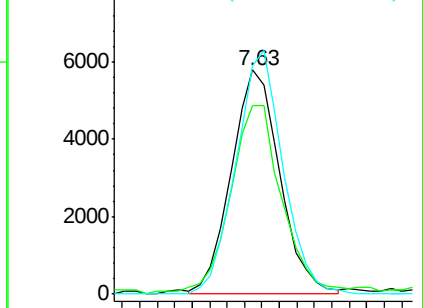
174 105.3 0.0 214.6

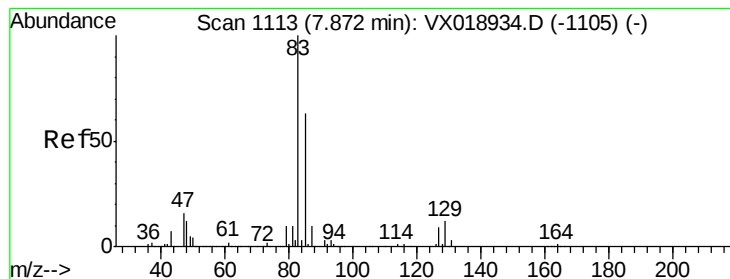


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 4.674 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

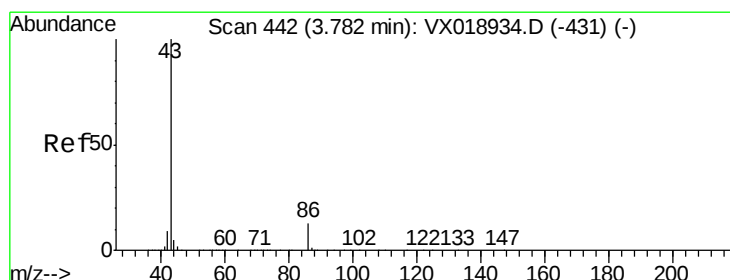
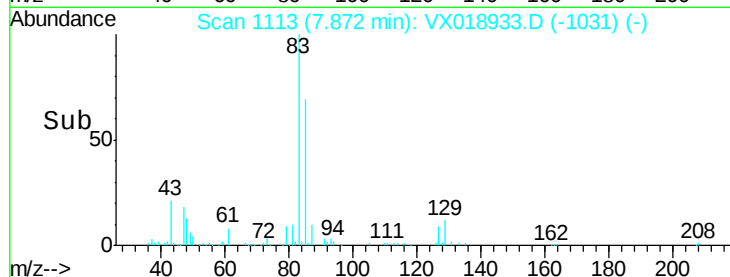
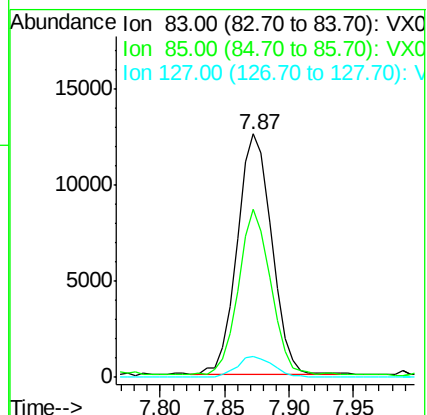
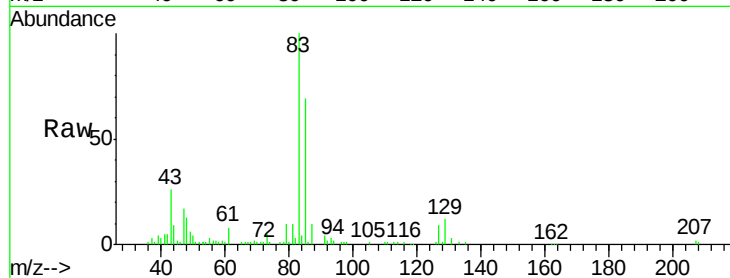
Tgt Ion: 83 Resp: 23295

Ion Ratio Lower Upper

83 100

85 68.8 50.4 75.6

127 8.7 7.5 11.3



#42

Vinyl Acetate

Concen: 21.267 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX018933.D

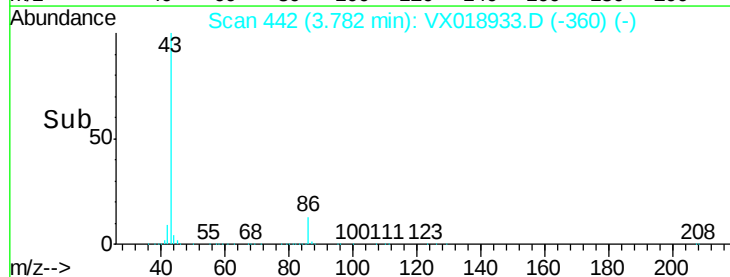
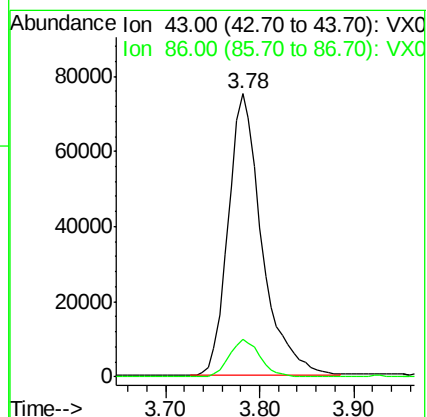
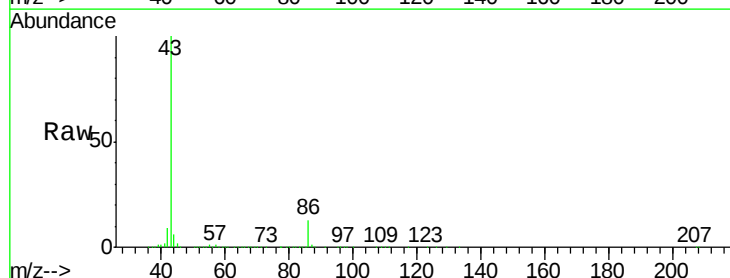
Acq: 15 Oct 2020 13:29

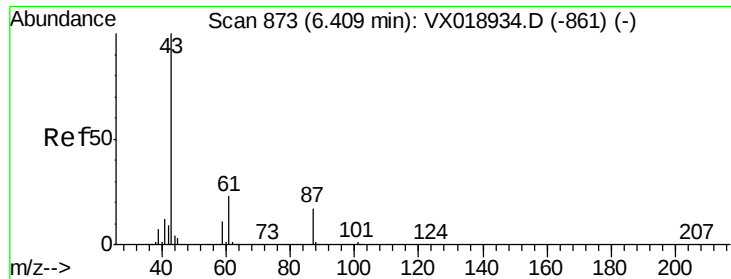
Tgt Ion: 43 Resp: 186302

Ion Ratio Lower Upper

43 100

86 12.2 9.8 14.8





#44

Isopropyl Acetate

Concen: 4.699 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

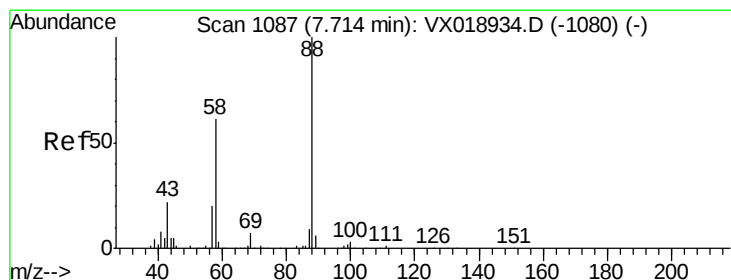
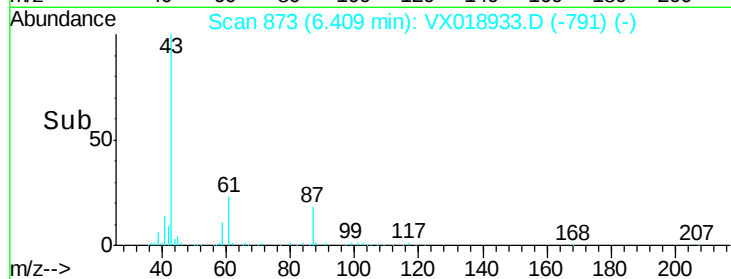
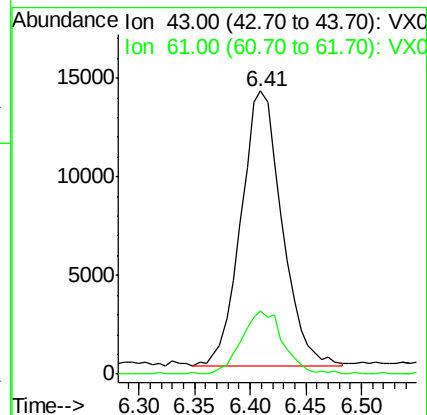
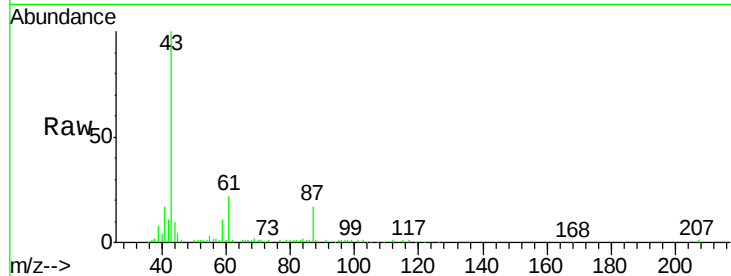
VSTDIC005

Tgt Ion: 43 Resp: 36027

Ion Ratio Lower Upper

43 100

61 22.8 0.0 0.0#



#45

1,4-Dioxane

Concen: 107.943 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

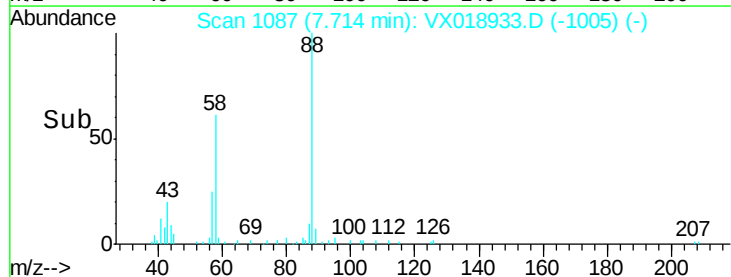
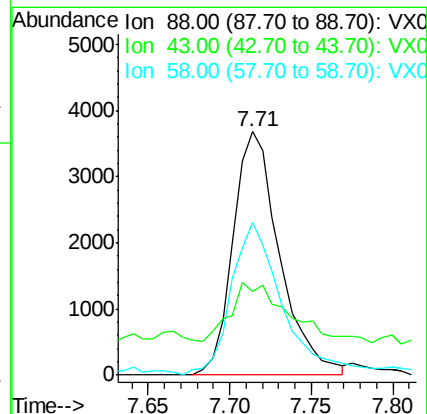
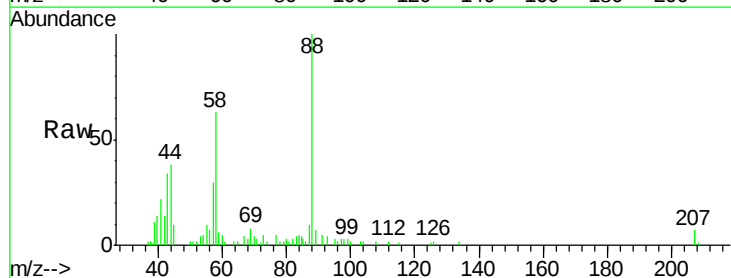
Tgt Ion: 88 Resp: 7315

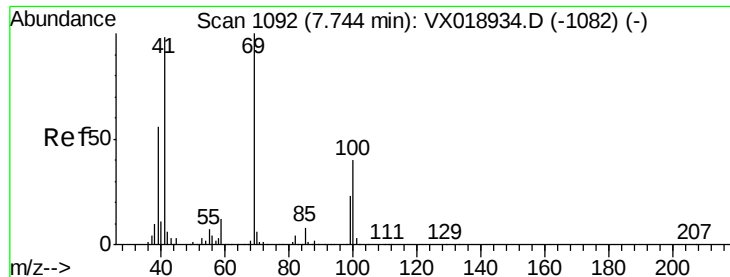
Ion Ratio Lower Upper

88 100

43 25.0 22.1 33.1

58 69.8 52.1 78.1





#46

Methyl methacrylate

Concen: 4.248 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

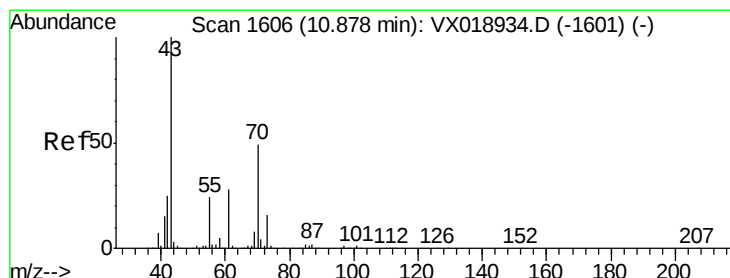
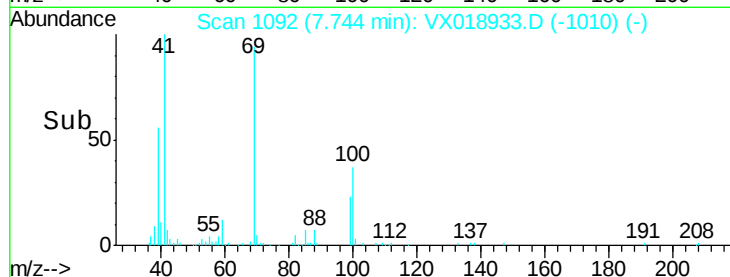
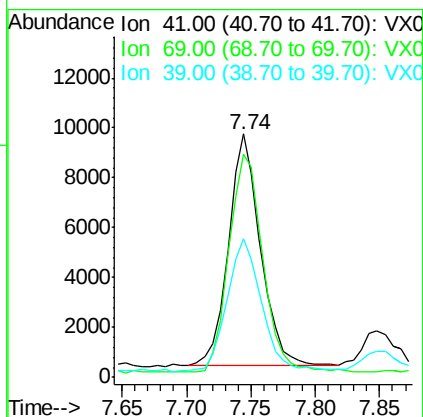
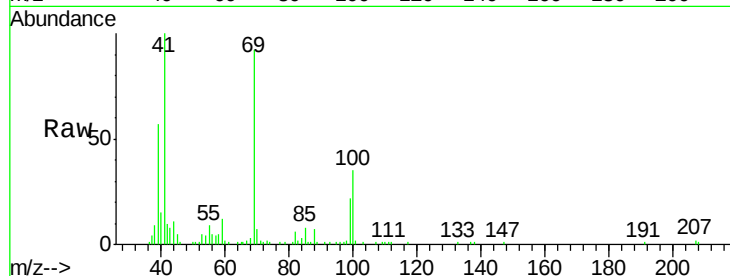
Tgt Ion: 41 Resp: 16001

Ion Ratio Lower Upper

41 100

69 94.1 50.8 152.5

39 56.7 28.5 85.6



#47

n-ethyl acetate

Concen: 4.204 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018933.D

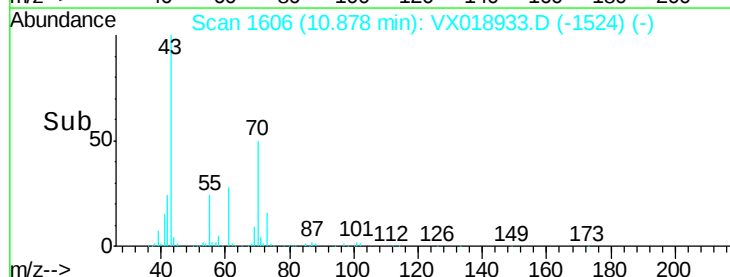
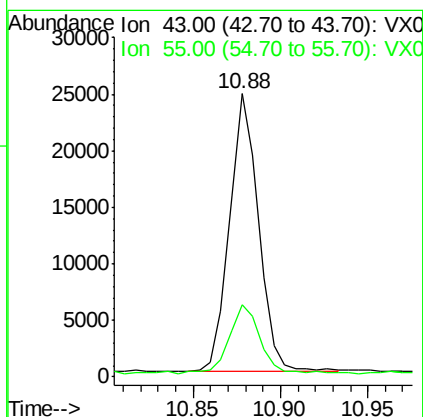
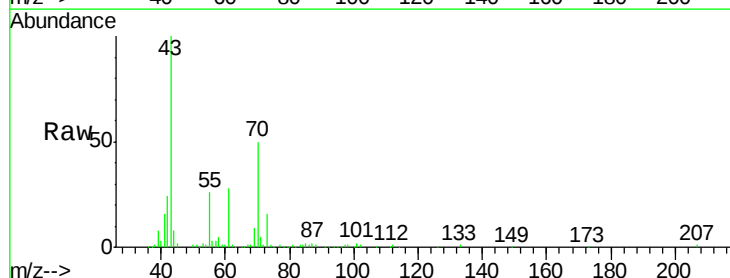
Acq: 15 Oct 2020 13:29

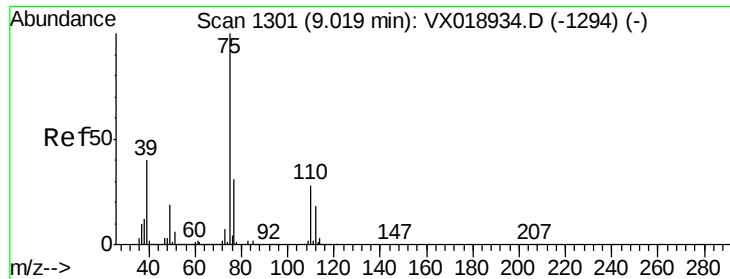
Tgt Ion: 43 Resp: 28465

Ion Ratio Lower Upper

43 100

55 25.7 19.9 29.9





#48

t-1,3-Dichloropropene

Concen: 4.782 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

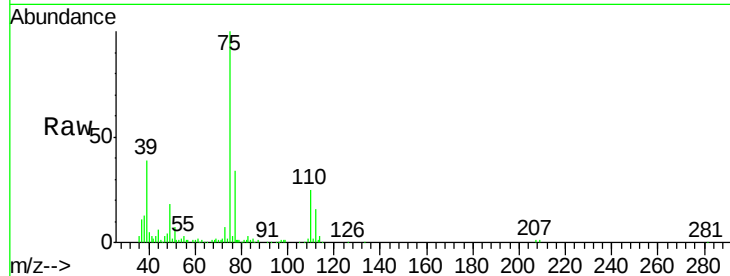
VSTDIC005

Tgt Ion: 75 Resp: 26006

Ion Ratio Lower Upper

75 100

77 32.8 24.6 36.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

20000

15000

10000

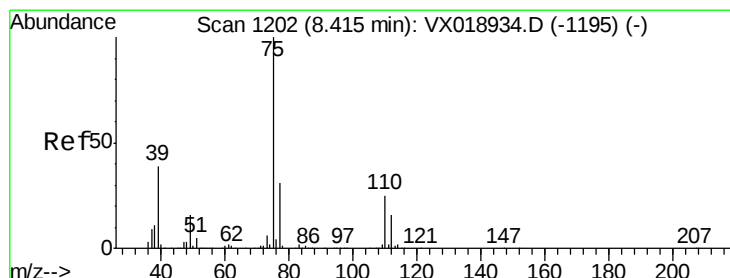
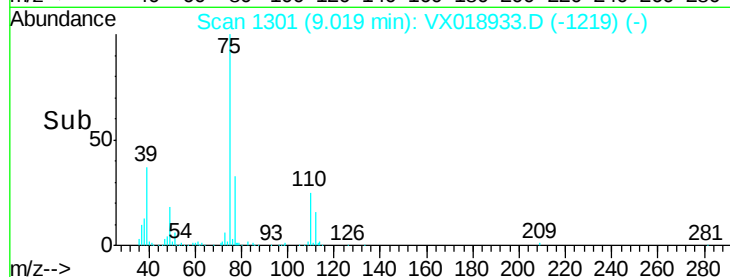
5000

0

9.02

9.00 9.05 9.10

Time-->



#49

cis-1,3-Dichloropropene

Concen: 4.880 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

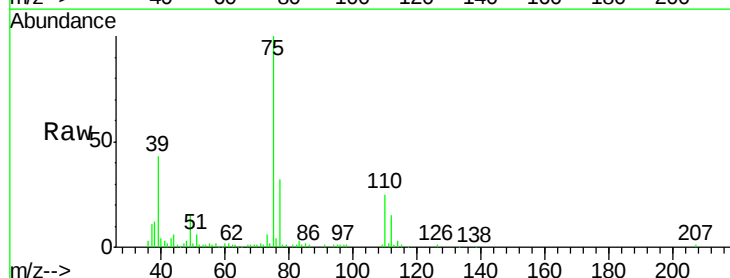
Tgt Ion: 75 Resp: 27844

Ion Ratio Lower Upper

75 100

77 31.5 25.1 37.7

39 41.3 31.5 47.3



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

20000

15000

10000

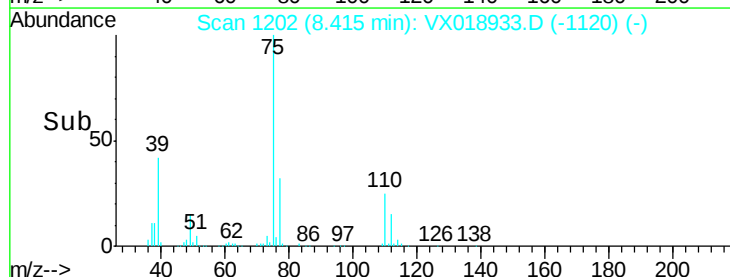
5000

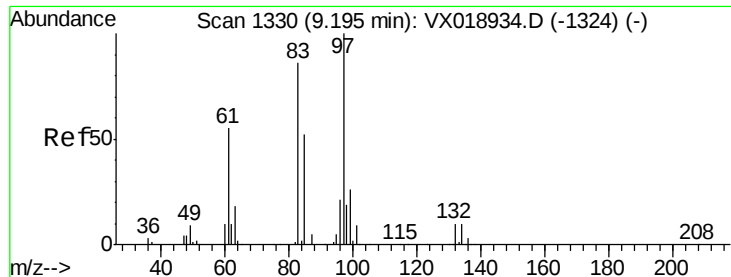
0

8.42

8.35 8.40 8.45

Time-->

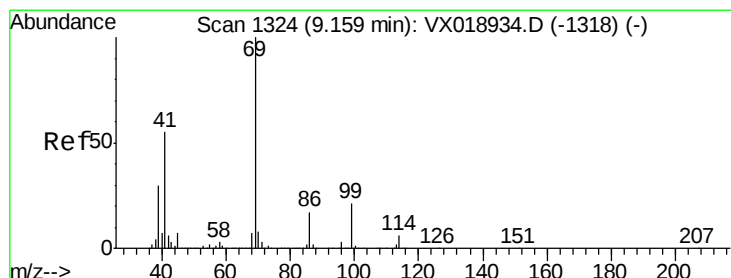
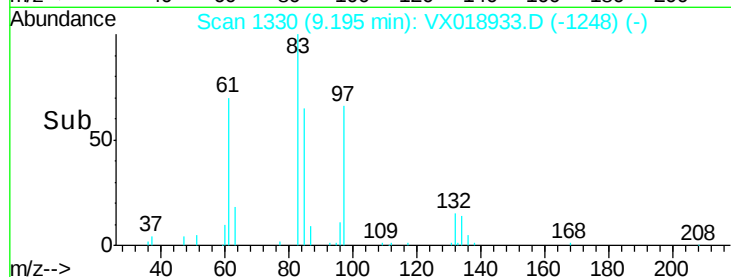
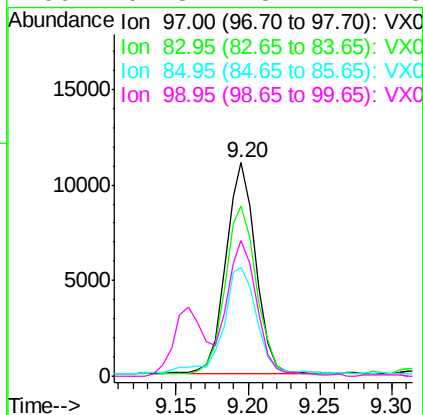
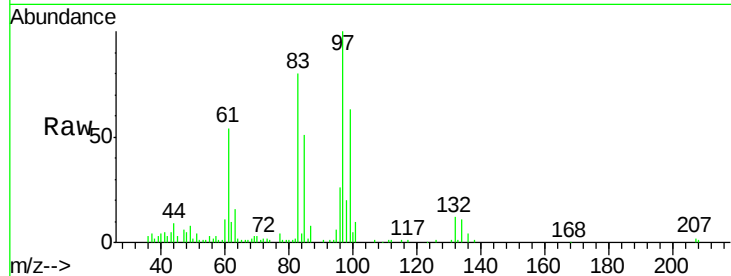




#50
 1,1,2-Trichloroethane
 Concen: 4.752 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018933.D
 Acq: 15 Oct 2020 13:29

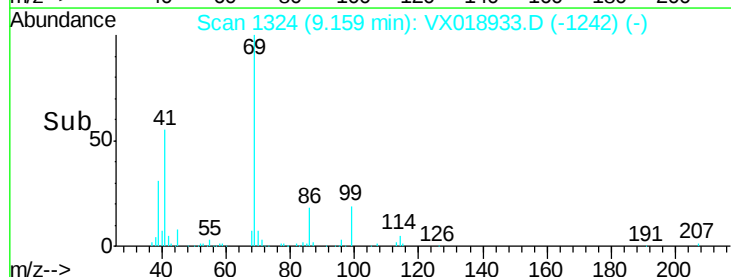
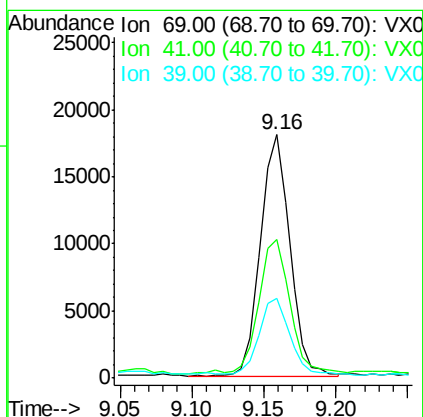
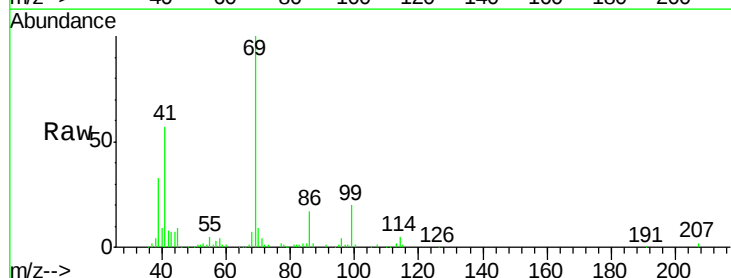
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

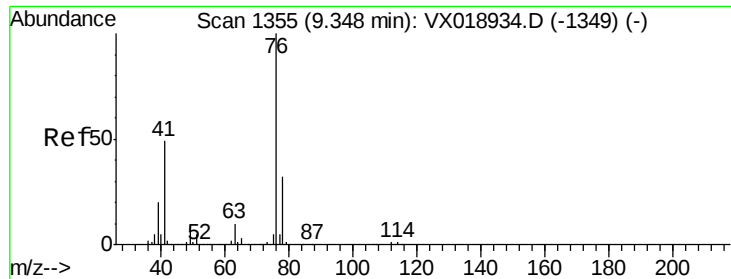
Tgt Ion:	97	Resp:	16111
Ion	Ratio	Lower	Upper
97	100		
83	79.6	68.0	102.0
85	49.7	43.8	65.8
99	62.8	48.4	72.6



#51
 Ethyl methacrylate
 Concen: 5.062 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX018933.D
 Acq: 15 Oct 2020 13:29

Tgt Ion:	69	Resp:	25398
Ion	Ratio	Lower	Upper
69	100		
41	55.4	27.6	82.8
39	31.5	15.0	45.0





#52

1,3-Dichloropropane

Concen: 4.780 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

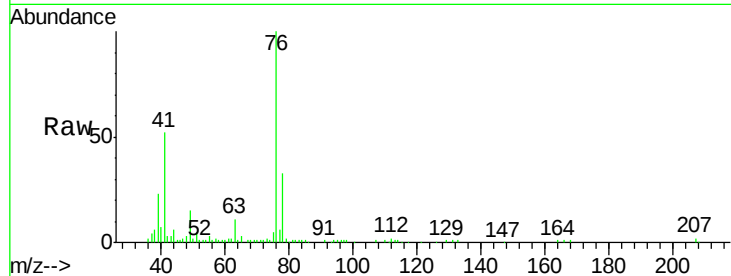
VSTDIC005

Tgt Ion: 76 Resp: 26872

Ion Ratio Lower Upper

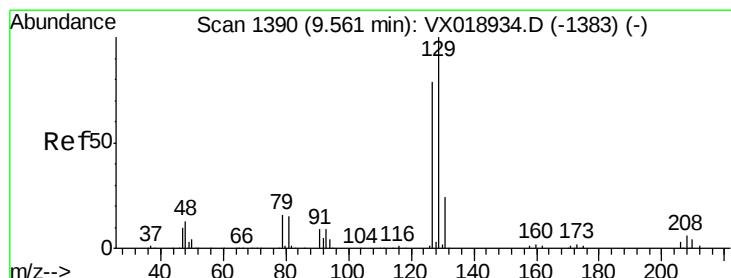
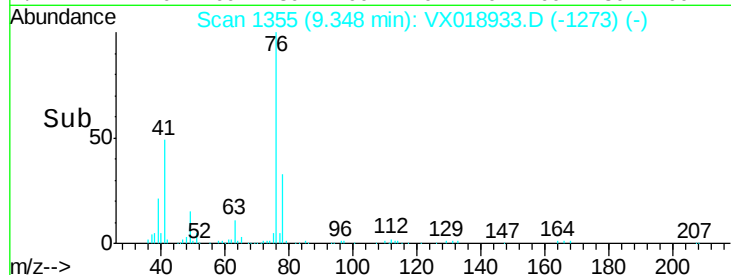
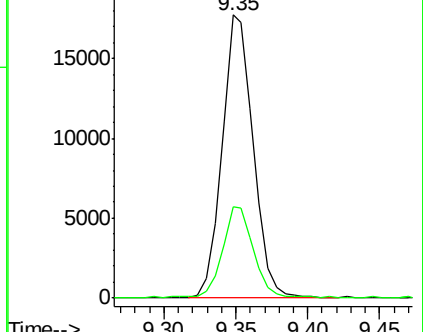
76 100

78 32.5 0.0 65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0



#53

Dibromochloromethane

Concen: 4.340 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VX018933.D

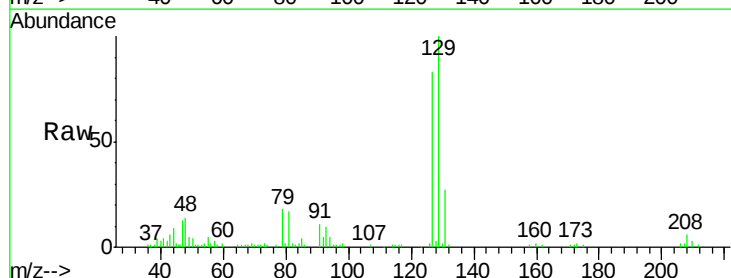
Acq: 15 Oct 2020 13:29

Tgt Ion: 129 Resp: 18309

Ion Ratio Lower Upper

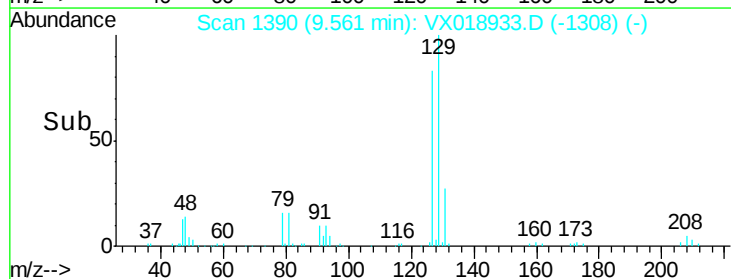
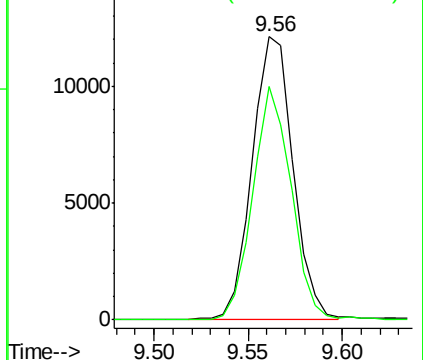
129 100

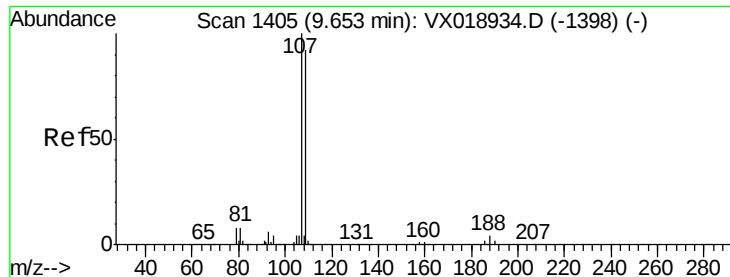
127 76.5 38.7 116.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

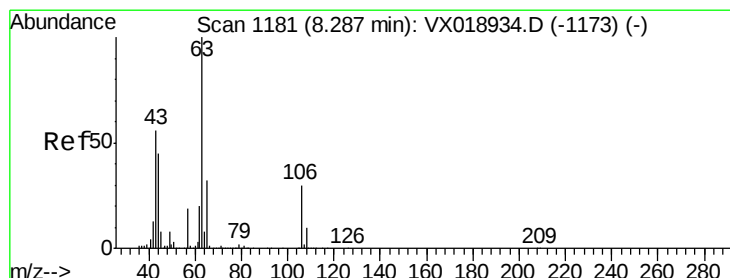
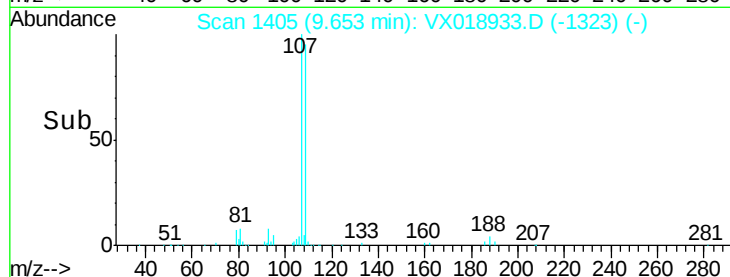
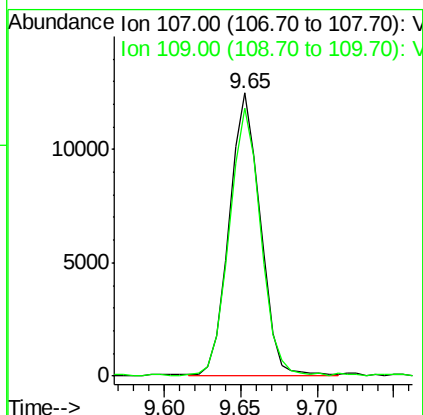
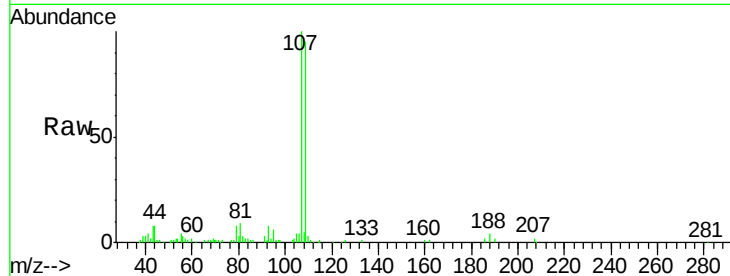




#54
 1,2-Dibromoethane
 Concen: 4.733 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX018933.D
 Acq: 15 Oct 2020 13:29

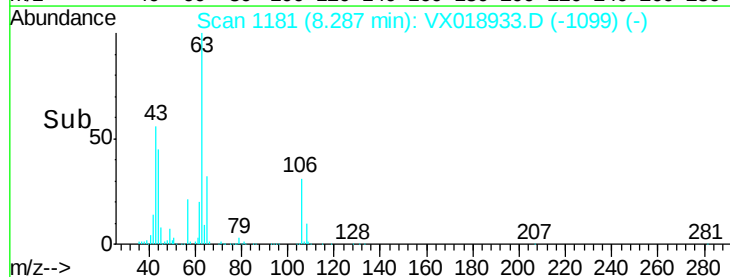
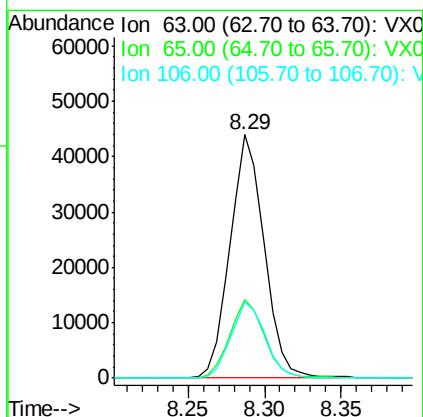
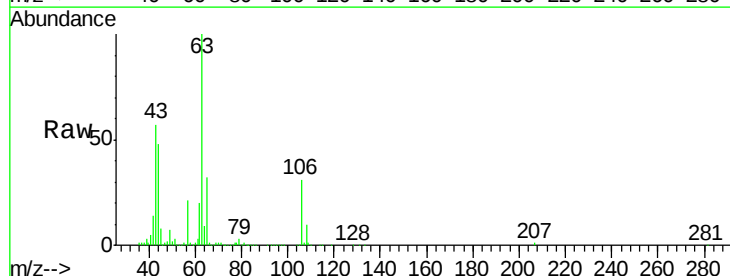
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

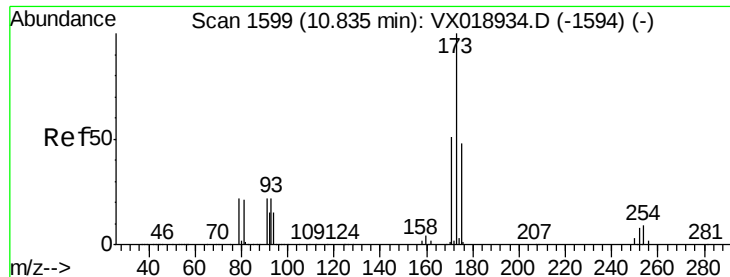
Tgt Ion: 107 Resp: 17680
 Ion Ratio Lower Upper
 107 100
 109 95.5 75.1 112.7



#55
 2-Chloroethyl vinyl ether
 Concen: 26.106 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VX018933.D
 Acq: 15 Oct 2020 13:29

Tgt Ion: 63 Resp: 68168
 Ion Ratio Lower Upper
 63 100
 65 32.4 25.8 38.6
 106 31.6 25.3 37.9





#56

Bromoform

Concen: 4.132 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

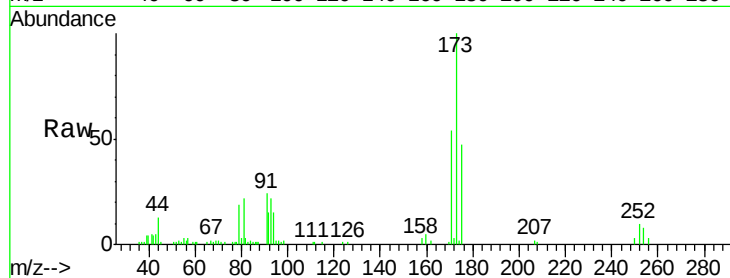
Tgt Ion:173 Resp: 13271

Ion Ratio Lower Upper

173 100

175 48.6 39.2 58.8

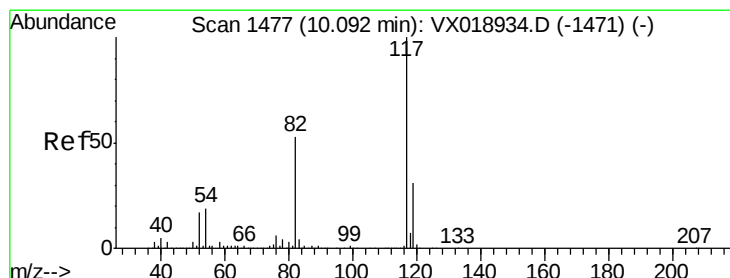
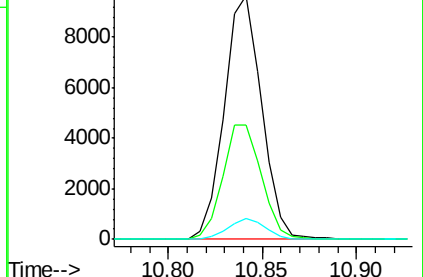
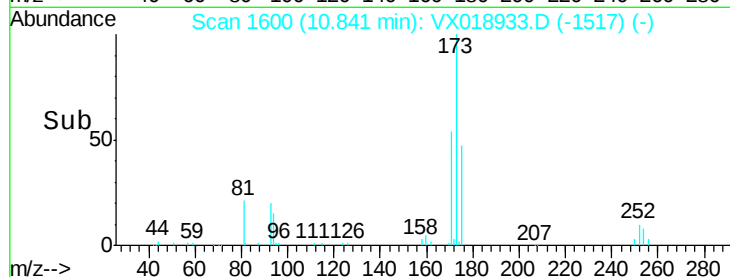
254 8.3 7.5 11.3



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.01 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

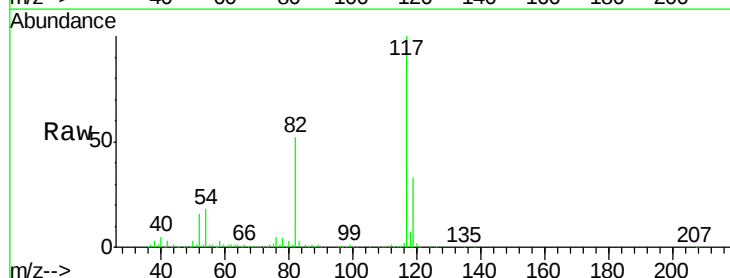
Tgt Ion:117 Resp: 252325

Ion Ratio Lower Upper

117 100

82 53.9 41.6 62.4

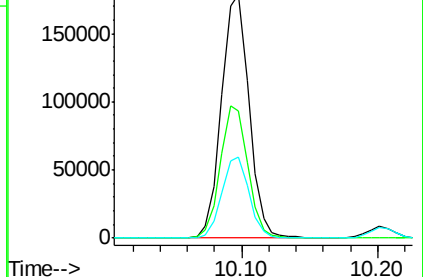
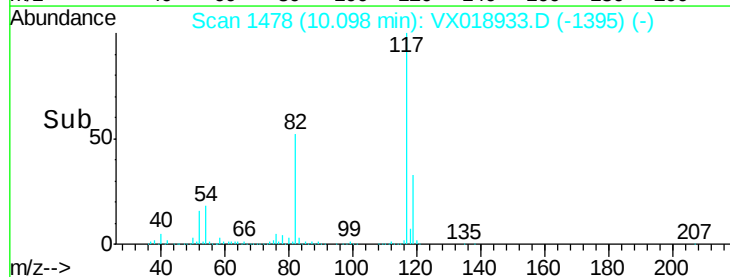
119 33.1 25.7 38.5

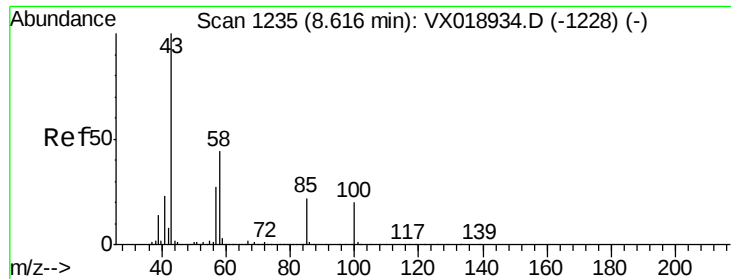


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): V

Ion 119.00 (118.70 to 119.70): V

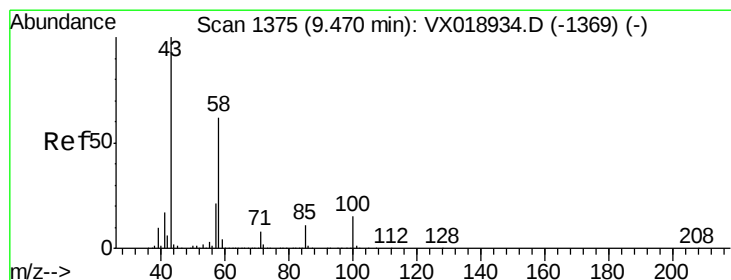
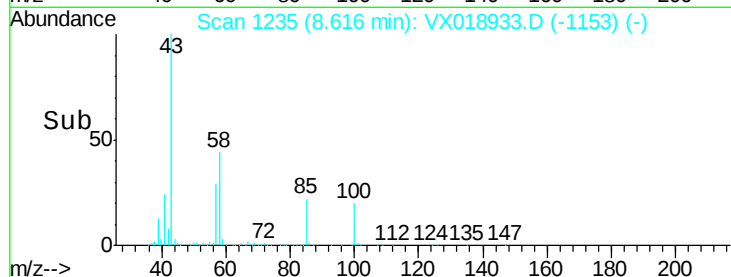
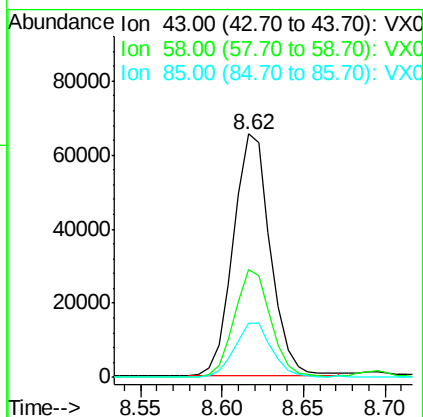
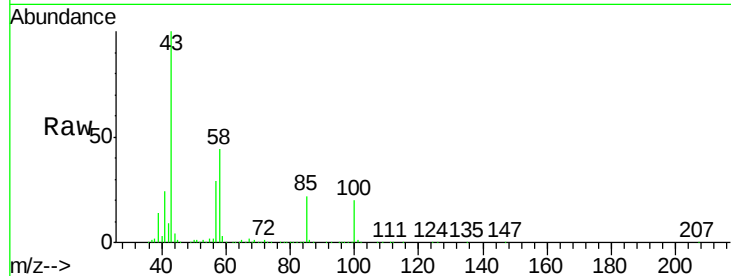




#58
 4-Methyl-2-Pentanone
 Concen: 24.431 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VX018933.D
 Acq: 15 Oct 2020 13:29

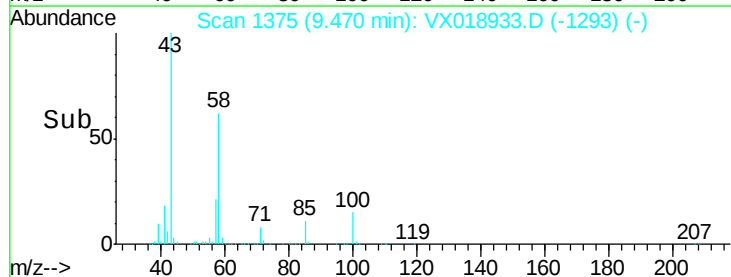
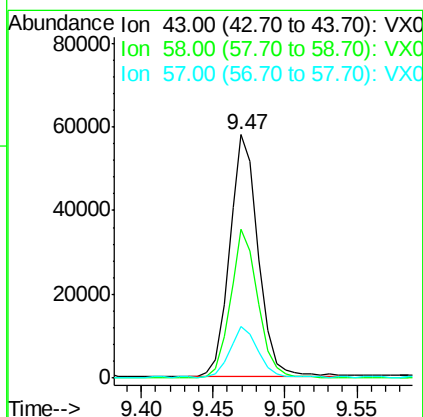
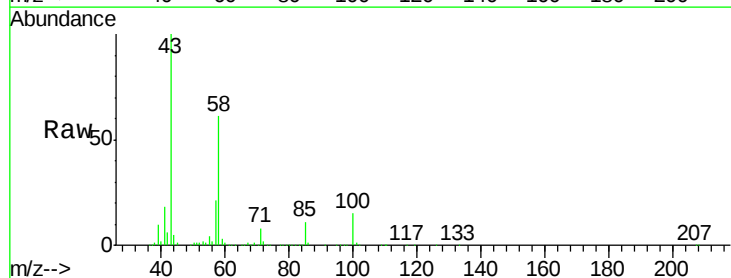
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

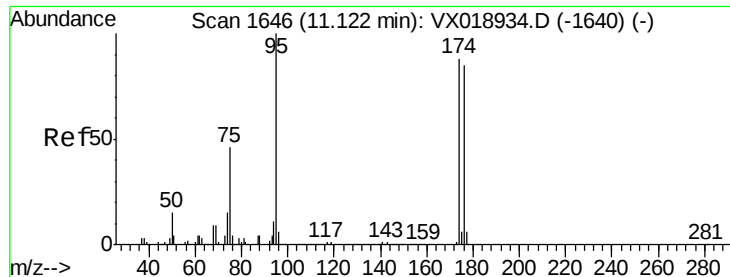
Tgt Ion: 43 Resp: 103280
 Ion Ratio Lower Upper
 43 100
 58 44.0 35.4 53.2
 85 21.9 18.0 27.0



#59
 2-Hexanone
 Concen: 24.652 ug/l
 RT: 9.47 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: VX018933.D
 Acq: 15 Oct 2020 13:29

Tgt Ion: 43 Resp: 79503
 Ion Ratio Lower Upper
 43 100
 58 59.8 49.7 74.5
 57 20.6 16.9 25.3





#60

4-Bromofluorobenzene

Concen: 27.525 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

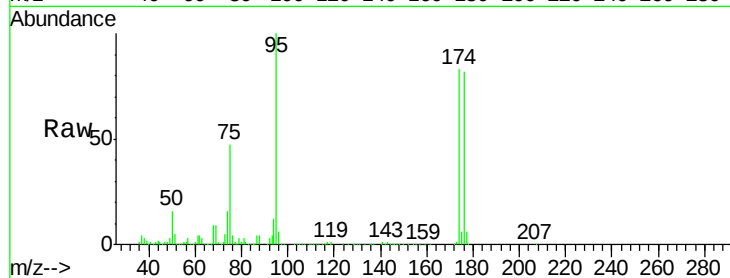
Tgt Ion: 95 Resp: 117951

Ion Ratio Lower Upper

95 100

174 81.1 67.0 100.4

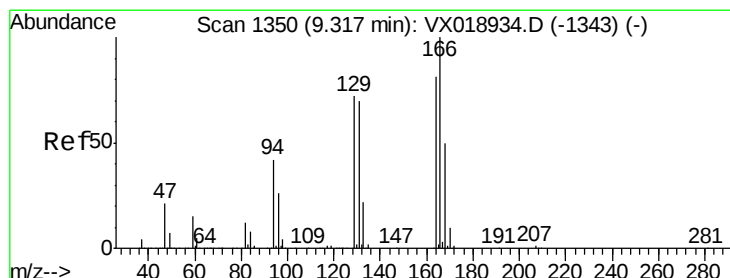
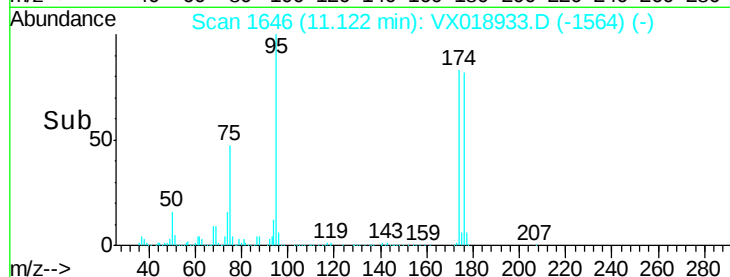
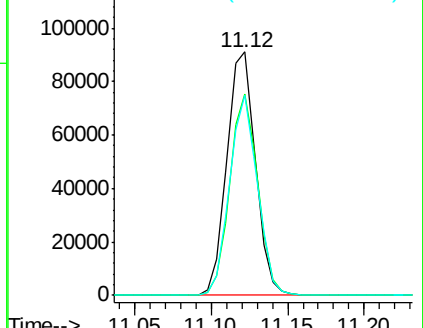
176 80.0 64.5 96.7



Abundance Ion 95.00 (94.70 to 95.70): VX

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#61

Tetrachloroethene

Concen: 4.986 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Tgt Ion: 164 Resp: 15483

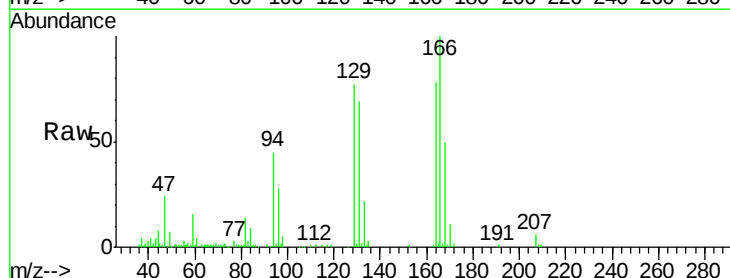
Ion Ratio Lower Upper

164 100

166 128.0 99.4 149.0

129 98.8 71.8 107.6

131 88.8 69.8 104.6

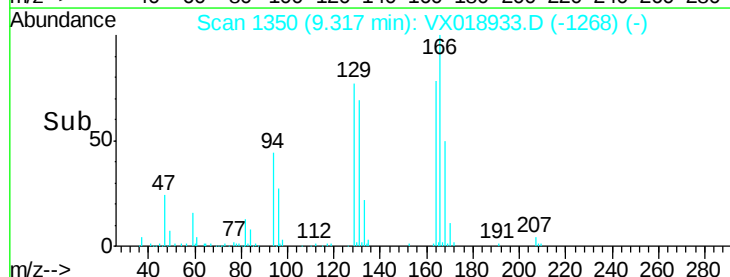
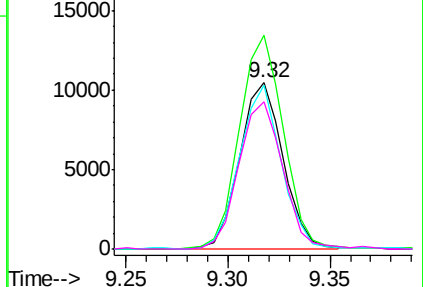


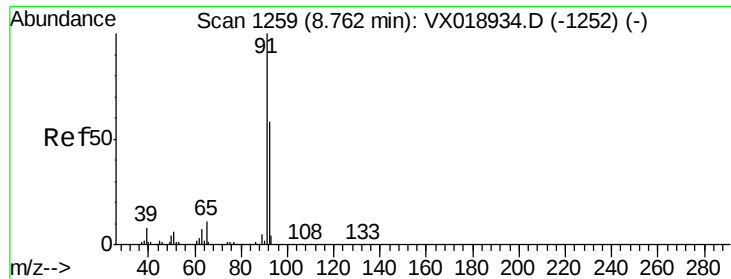
Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V





#62

Toluene

Concen: 5.451 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

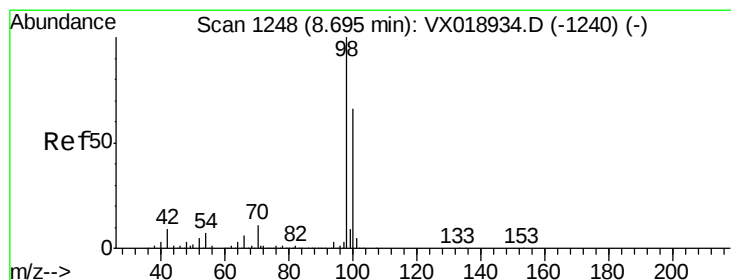
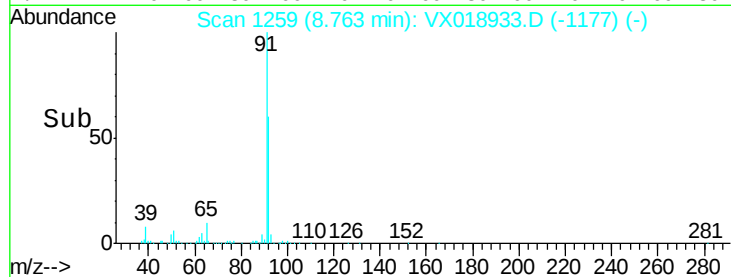
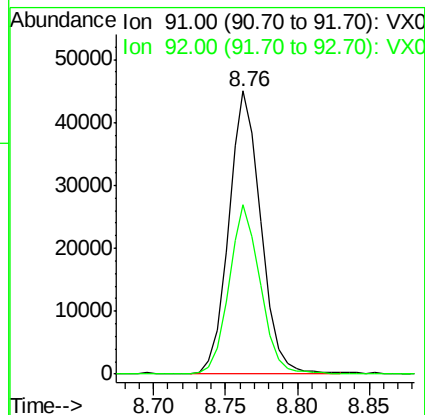
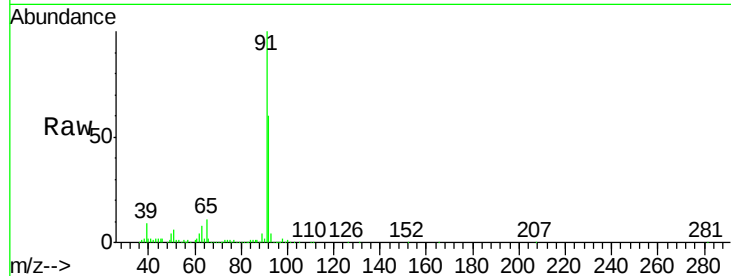
VSTDIC005

Tgt Ion: 91 Resp: 69379

Ion Ratio Lower Upper

91 100

92 59.3 47.1 70.7



#63

Toluene-d8

Concen: 31.057 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018933.D

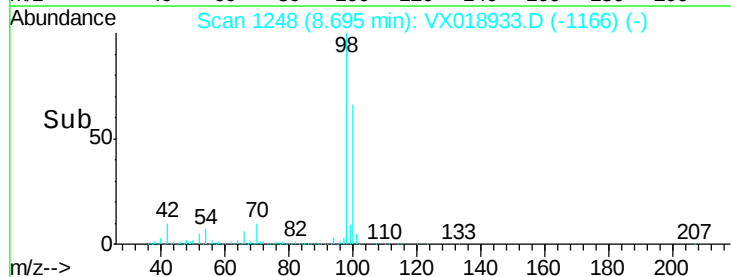
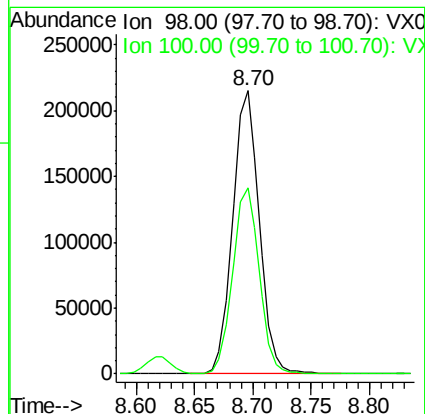
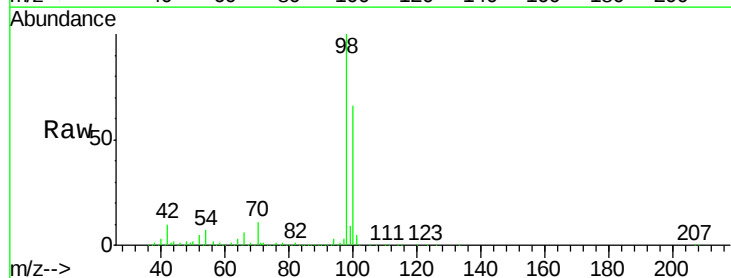
Acq: 15 Oct 2020 13:29

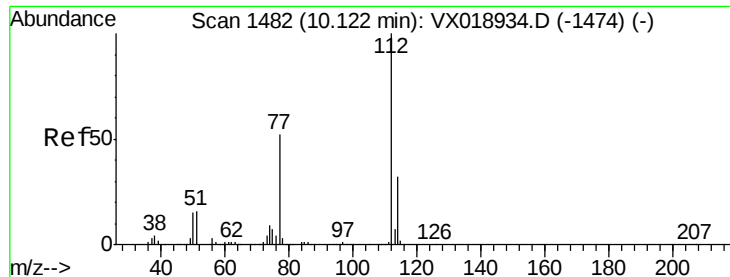
Tgt Ion: 98 Resp: 341328

Ion Ratio Lower Upper

98 100

100 66.2 53.2 79.8

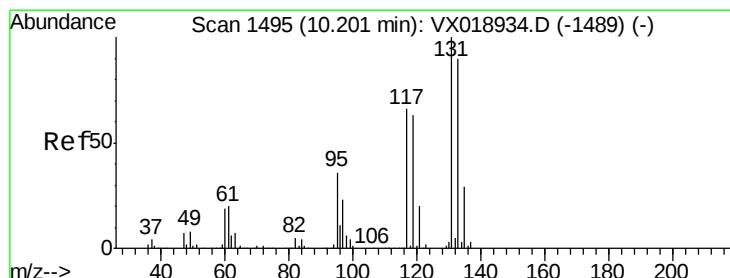
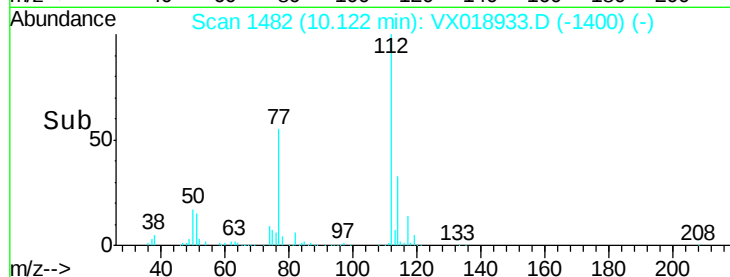
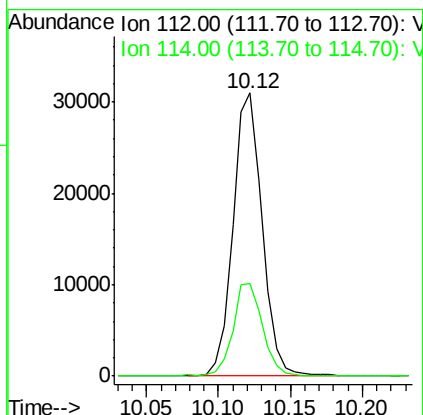
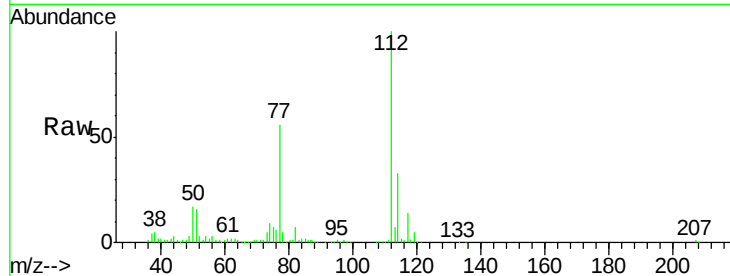




#64
Chlorobenzene
Concen: 5.347 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018933.D
Acq: 15 Oct 2020 13:29

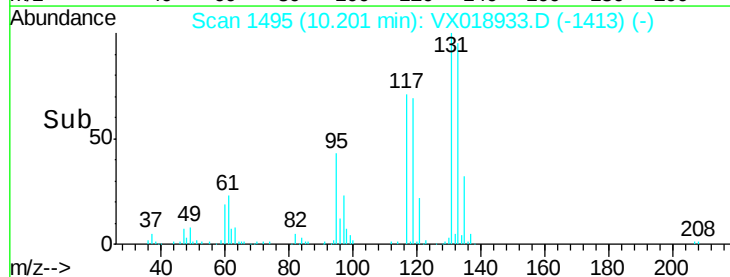
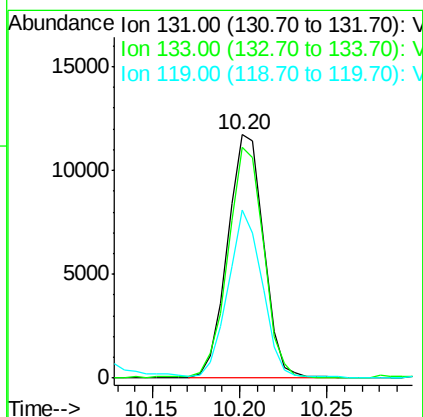
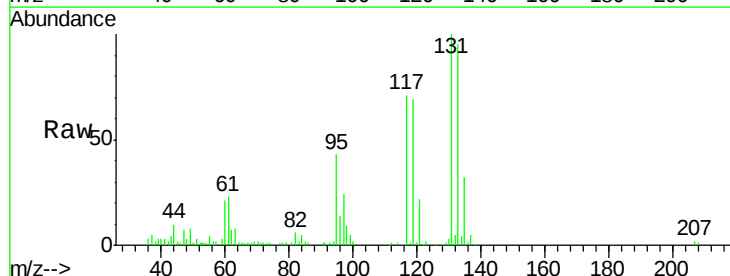
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

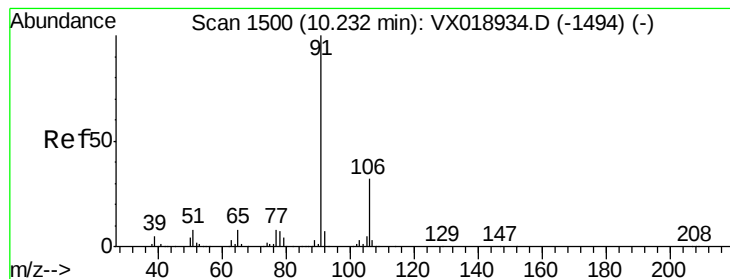
Tgt Ion:112 Resp: 43819
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5



#65
1,1,1,2-Tetrachloroethane
Concen: 5.113 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX018933.D
Acq: 15 Oct 2020 13:29

Tgt Ion:131 Resp: 16869
Ion Ratio Lower Upper
131 100
133 93.5 0.0 188.8
119 65.9 0.0 127.2





#66

Ethyl Benzene

Concen: 5.349 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

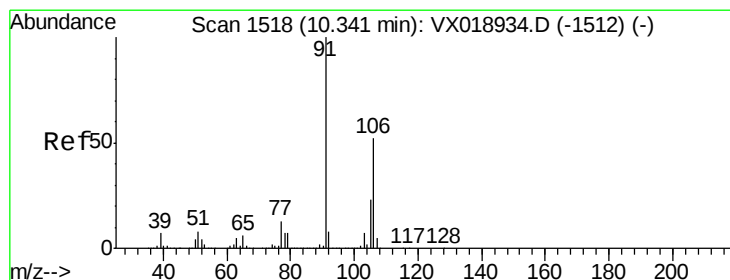
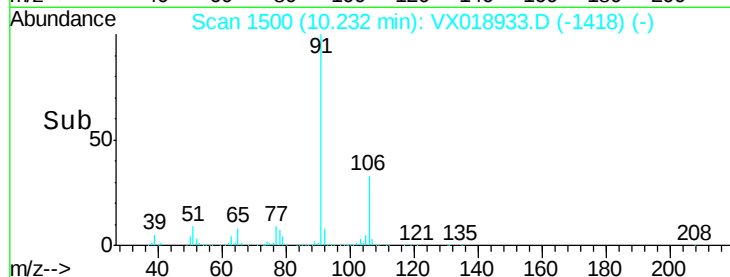
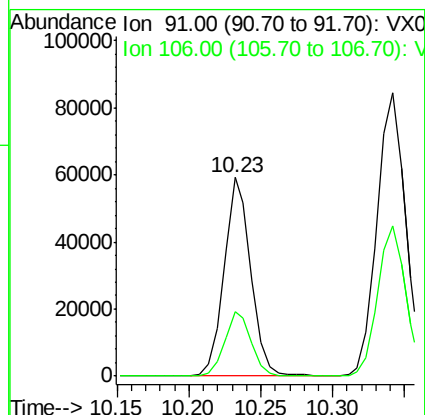
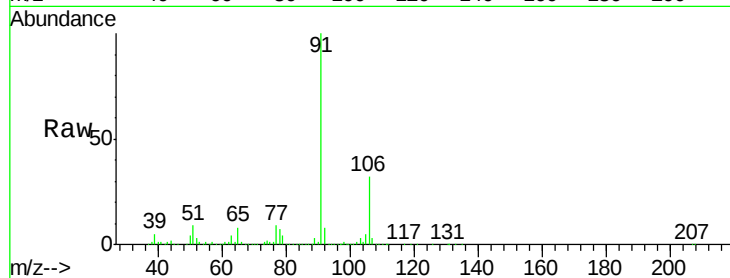
VSTDIC005

Tgt Ion: 91 Resp: 75919

Ion Ratio Lower Upper

91 100

106 32.6 25.3 37.9



#67

m/p-Xylenes

Concen: 10.956 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018933.D

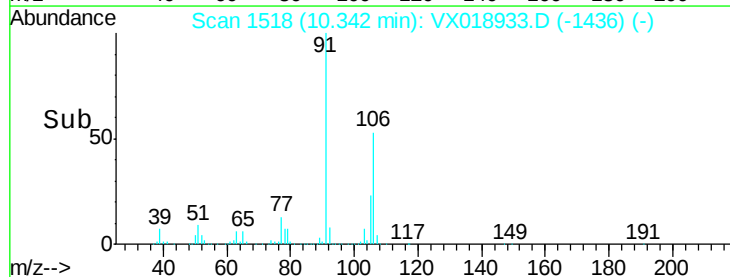
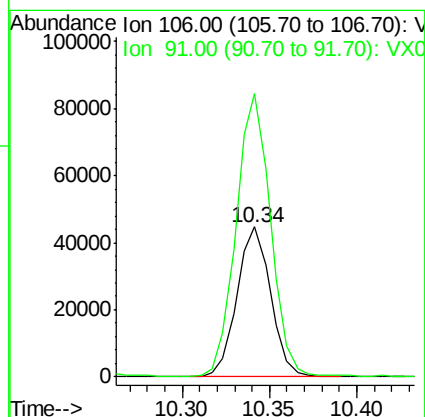
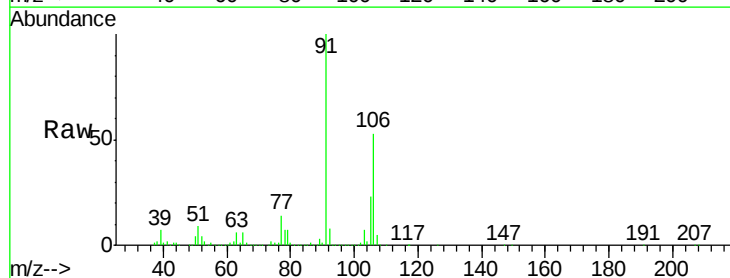
Acq: 15 Oct 2020 13:29

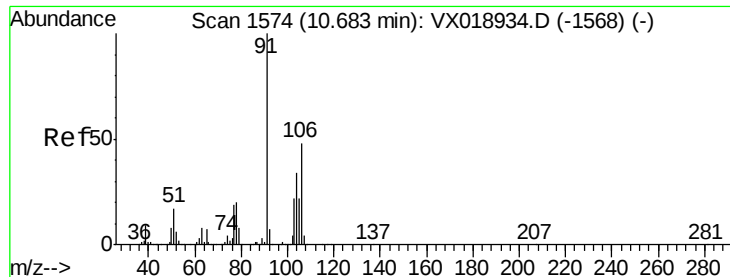
Tgt Ion: 106 Resp: 59512

Ion Ratio Lower Upper

106 100

91 193.8 155.7 233.5





#68

o-Xylene

Concen: 5.403 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

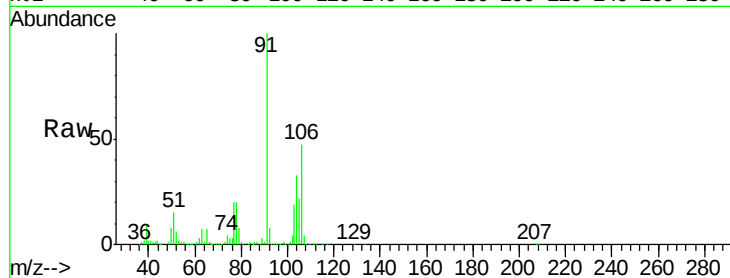
VSTDIC005

Tgt Ion:106 Resp: 27911

Ion Ratio Lower Upper

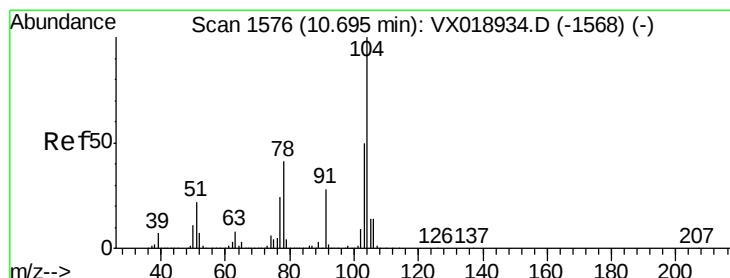
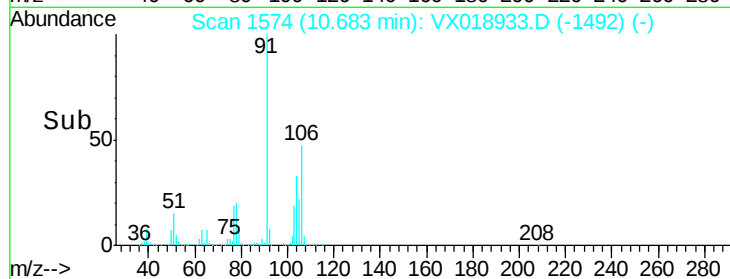
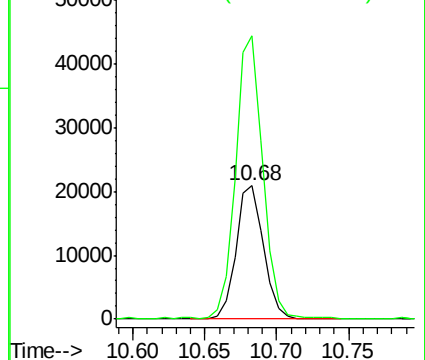
106 100

91 208.2 103.3 309.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

Styrene

Concen: 5.264 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

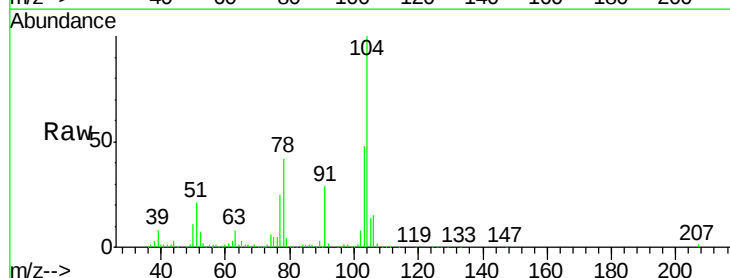
Tgt Ion:104 Resp: 47097

Ion Ratio Lower Upper

104 100

78 48.2 37.8 56.6

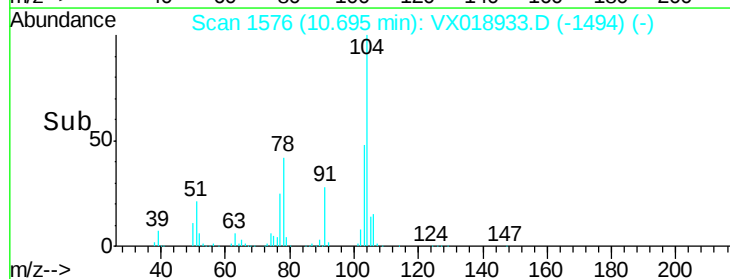
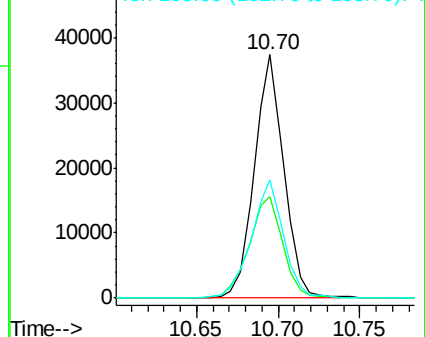
103 52.8 44.1 66.1

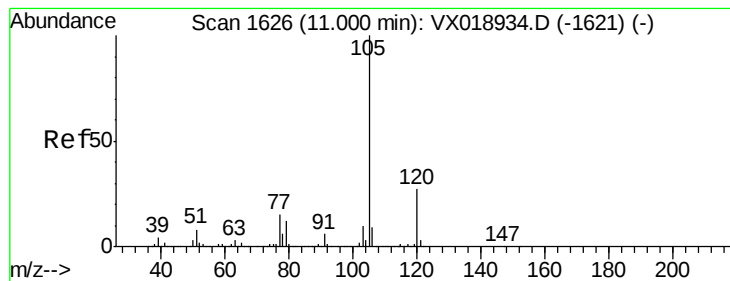


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V





#70

Isopropylbenzene

Concen: 5.263 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

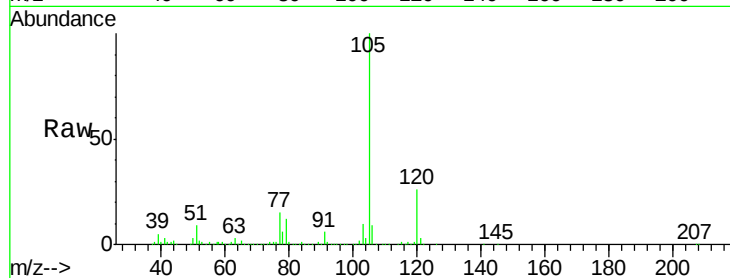
VSTDIC005

Tgt Ion:105 Resp: 74785

Ion Ratio Lower Upper

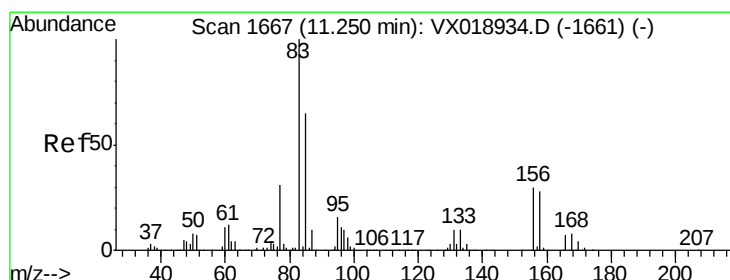
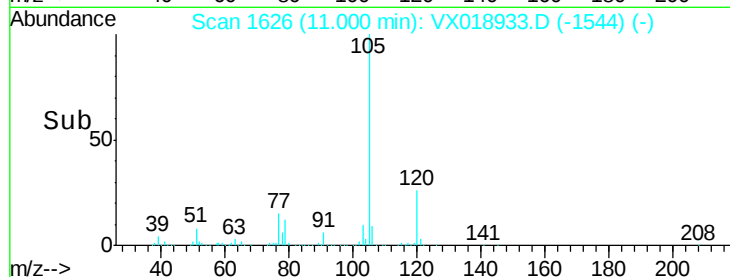
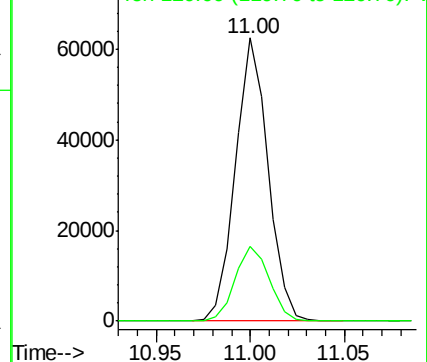
105 100

120 27.8 19.4 36.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#71

1,1,2,2-Tetrachloroethane

Concen: 5.021 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

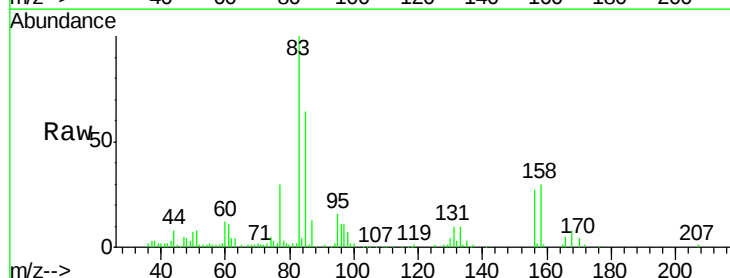
Tgt Ion: 83 Resp: 22882

Ion Ratio Lower Upper

83 100

131 11.1 5.3 16.1

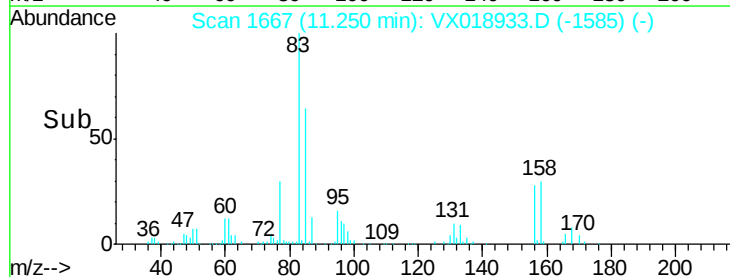
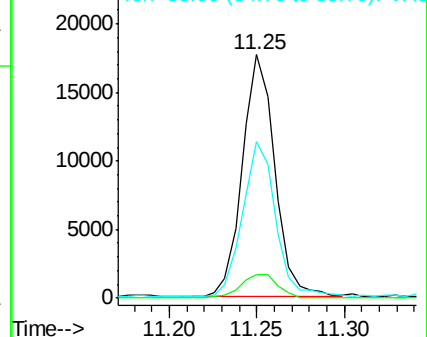
85 65.2 32.3 96.8

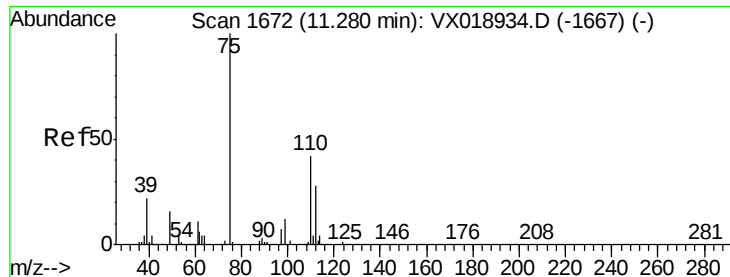


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0





#72

1,2,3-Trichloropropane

Concen: 6.459 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

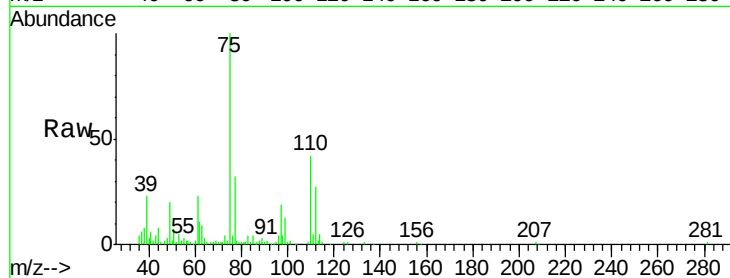
VSTDIC005

Tgt Ion: 75 Resp: 28213

Ion Ratio Lower Upper

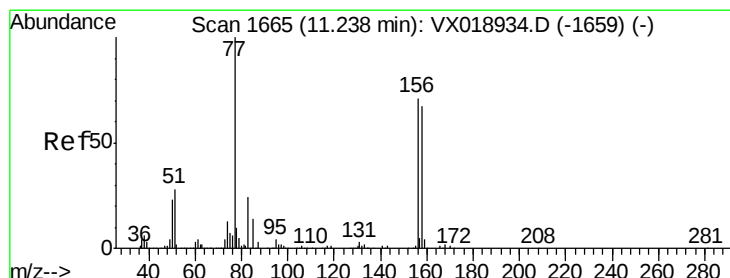
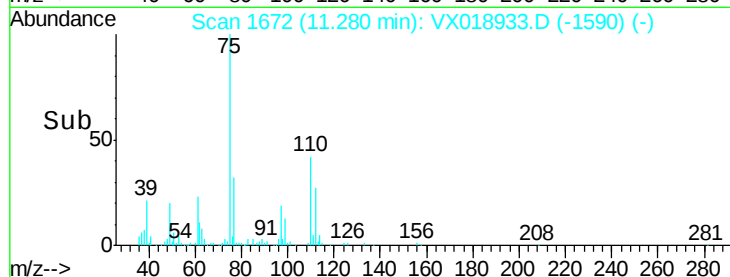
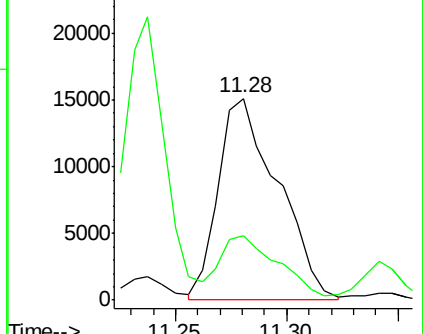
75 100

77 27.9 0.0 75.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#73

Bromobenzene

Concen: 4.608 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

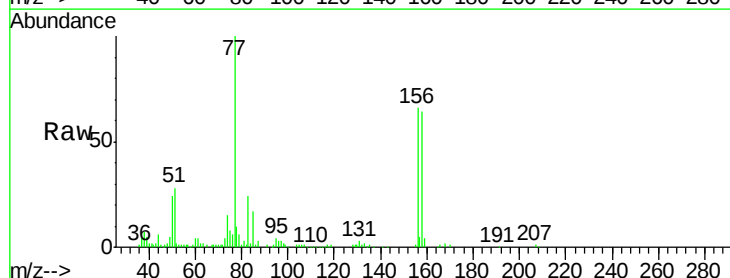
Tgt Ion: 156 Resp: 17700

Ion Ratio Lower Upper

156 100

77 153.4 0.0 288.2

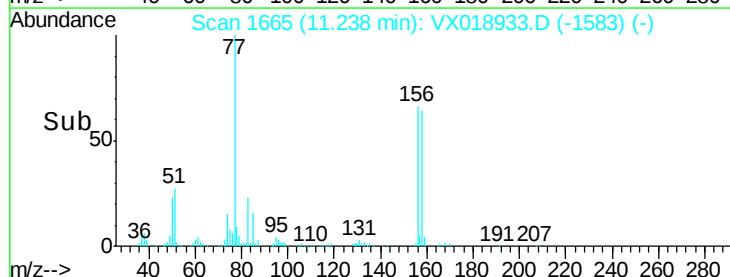
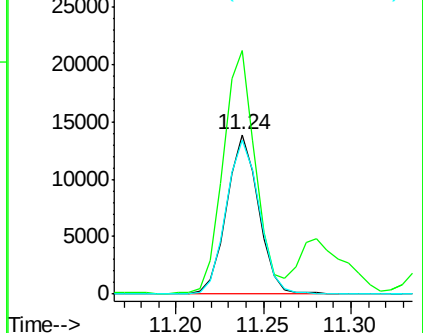
158 100.6 0.0 189.2

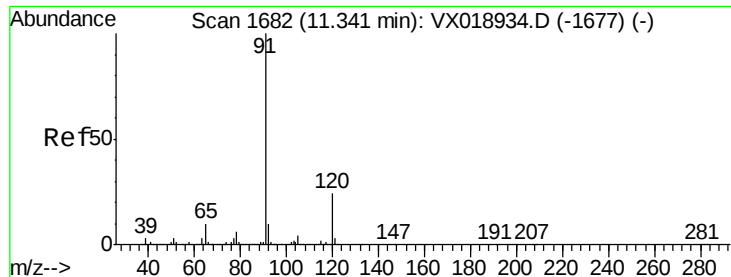


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V





#74

n-propylbenzene

Concen: 5.127 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

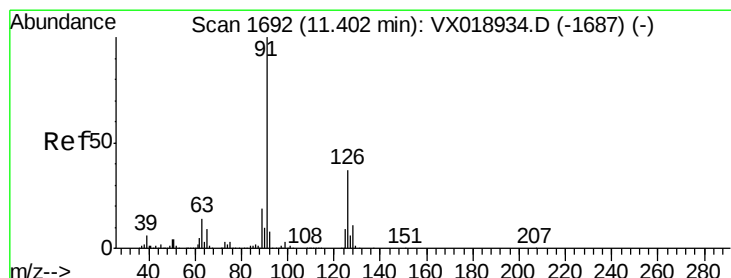
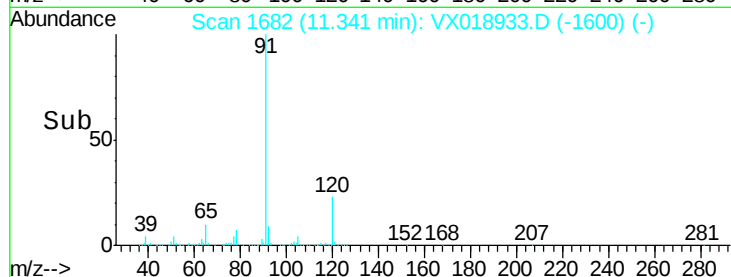
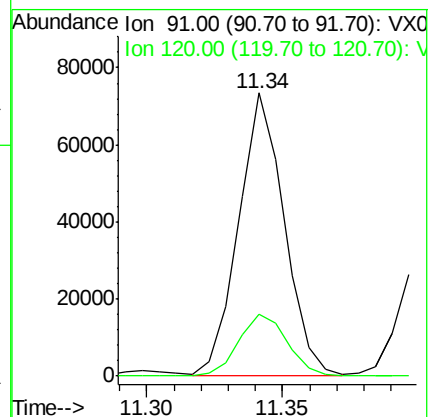
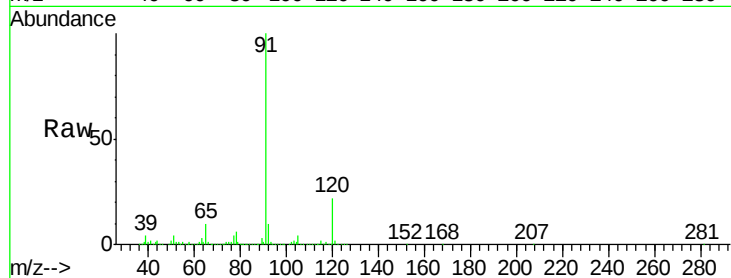
VSTDIC005

Tgt Ion: 91 Resp: 85301

Ion Ratio Lower Upper

91 100

120 23.5 0.0 48.4



#75

2-Chlorotoluene

Concen: 4.876 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018933.D

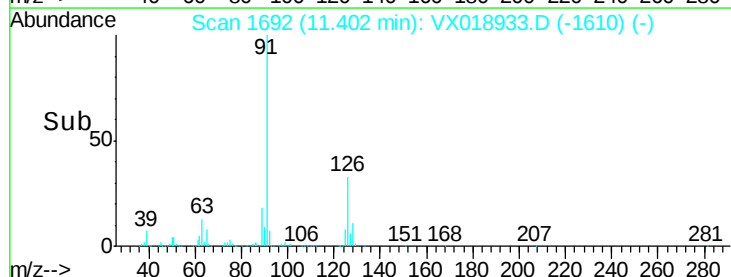
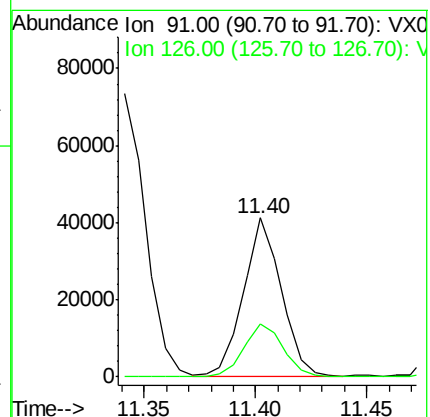
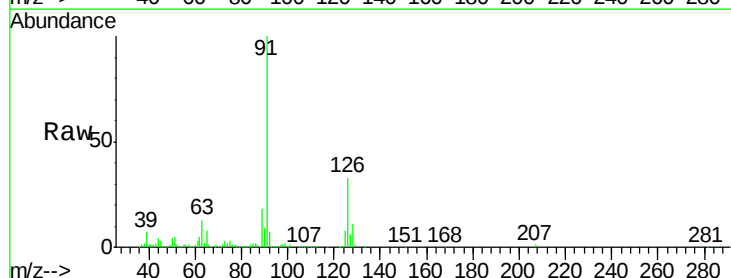
Acq: 15 Oct 2020 13:29

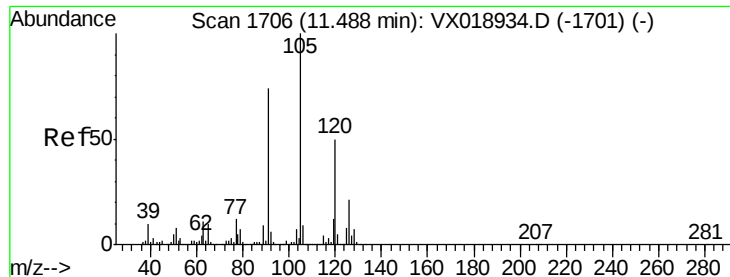
Tgt Ion: 91 Resp: 48660

Ion Ratio Lower Upper

91 100

126 35.3 0.0 70.8





#76

1,3,5-Trimethylbenzene

Concen: 4.888 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Instrument :

MSVOA_X

ClientSampled :

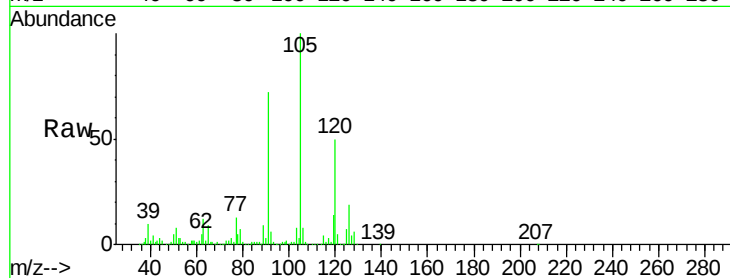
VSTDIC005

Tgt Ion:105 Resp: 60085

Ion Ratio Lower Upper

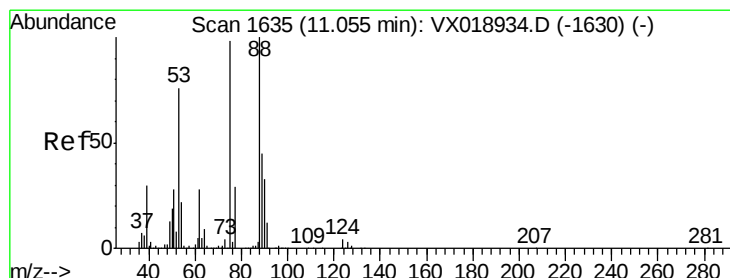
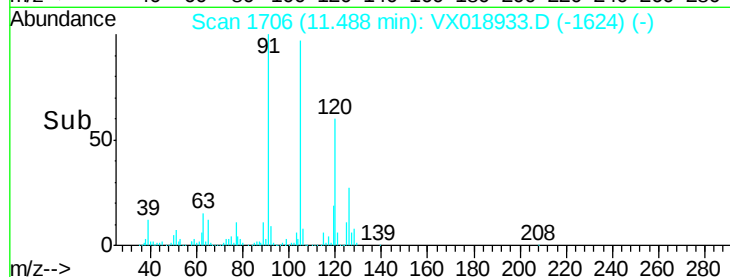
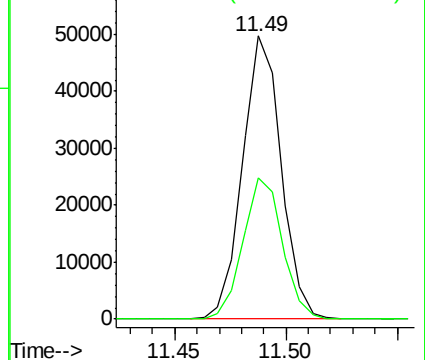
105 100

120 51.2 0.0 101.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#77

t-1,4-Dichloro-2-butene

Concen: 5.204 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

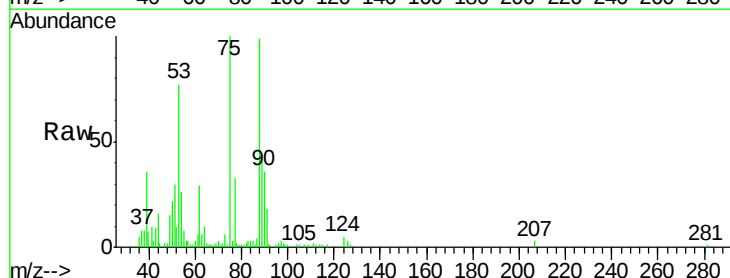
Tgt Ion: 75 Resp: 9110

Ion Ratio Lower Upper

75 100

53 74.8 38.8 116.3

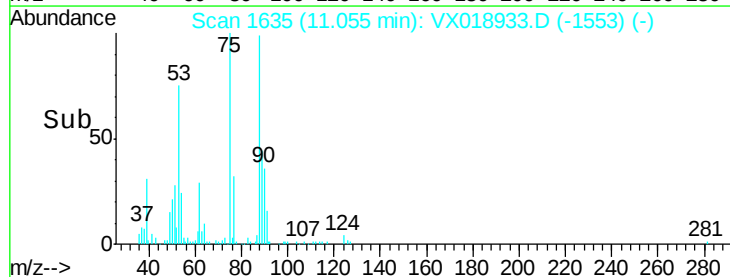
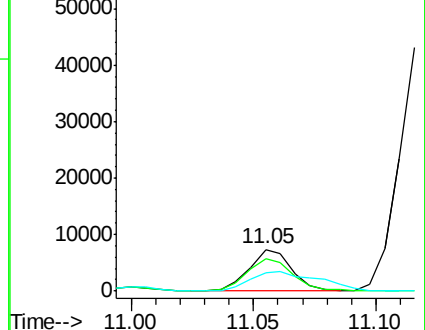
89 42.8 22.9 68.8

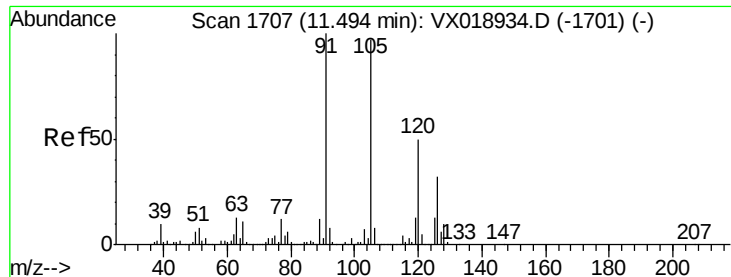


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

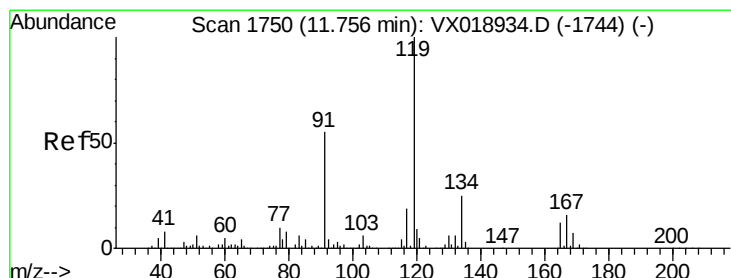
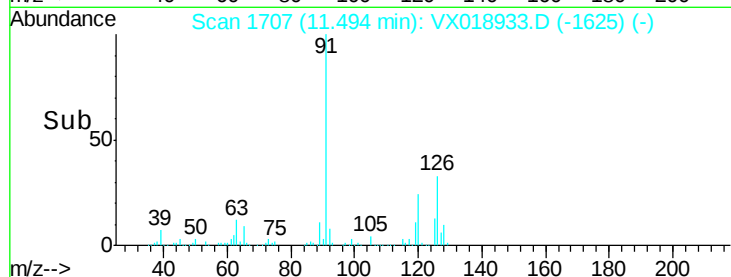
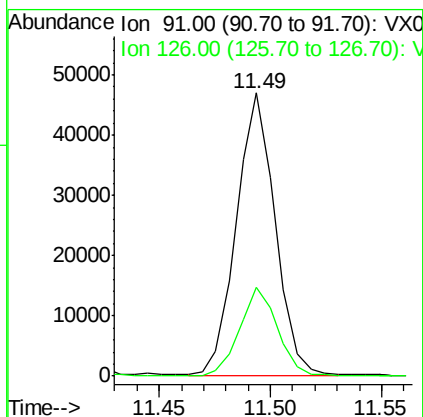
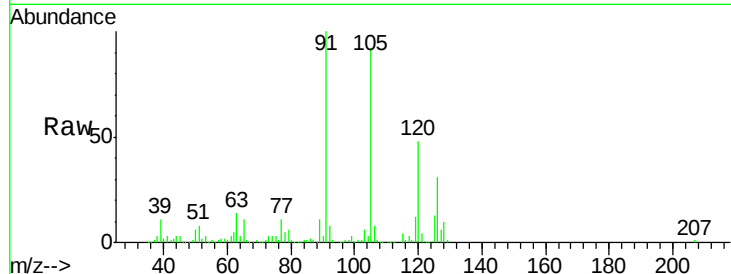




#78
4-Chlorotoluene
Concen: 4.746 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018933.D
Acq: 15 Oct 2020 13:29

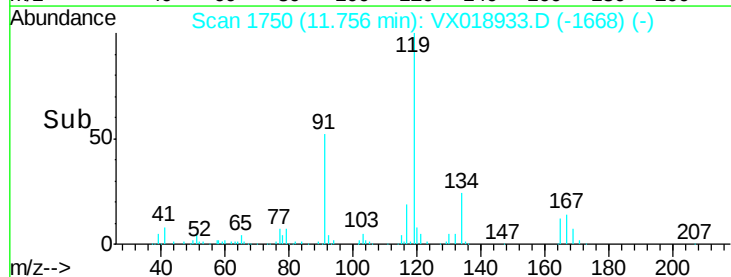
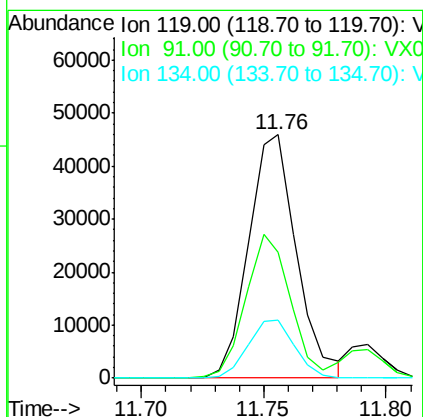
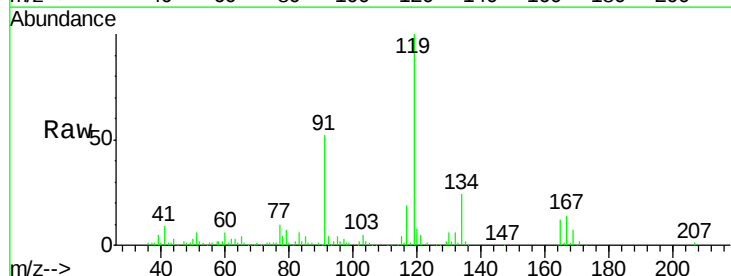
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

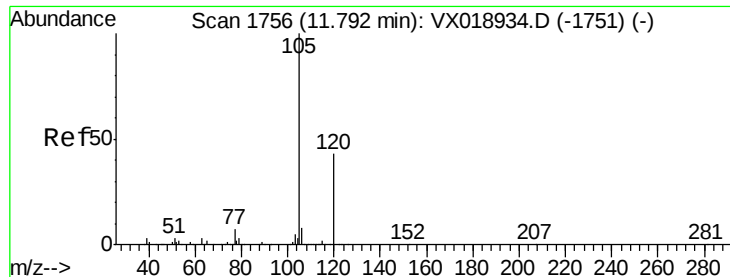
Tgt Ion: 91 Resp: 56345
Ion Ratio Lower Upper
91 100
126 31.3 0.0 63.6



#79
tert-butylbenzene
Concen: 5.225 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018933.D
Acq: 15 Oct 2020 13:29

Tgt Ion: 119 Resp: 62431
Ion Ratio Lower Upper
119 100
91 54.4 0.0 110.0
134 23.5 0.0 47.4

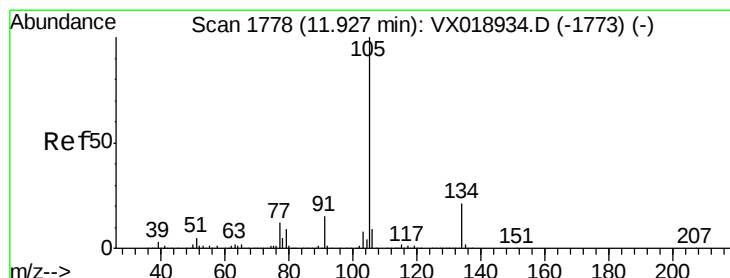
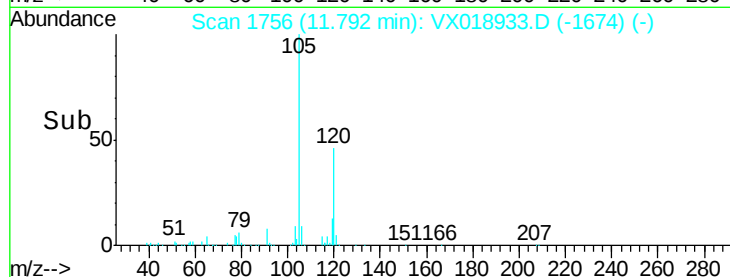
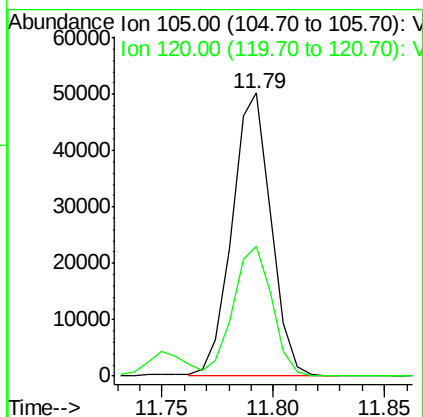
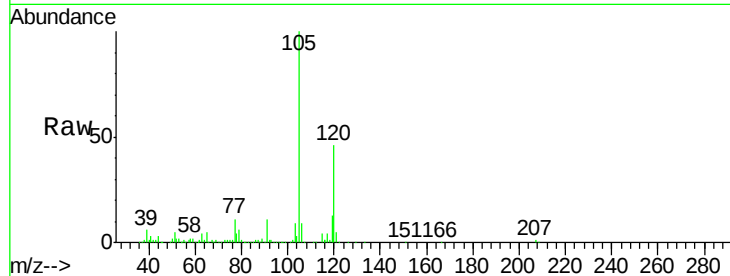




#80
 1,2,4-Trimethylbenzene
 Concen: 5.034 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX018933.D
 Acq: 15 Oct 2020 13:29

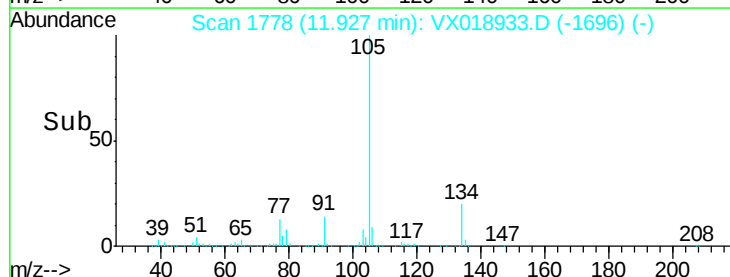
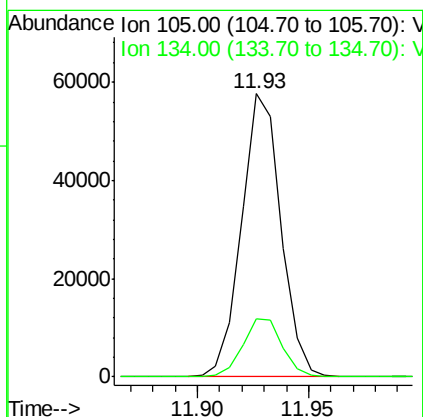
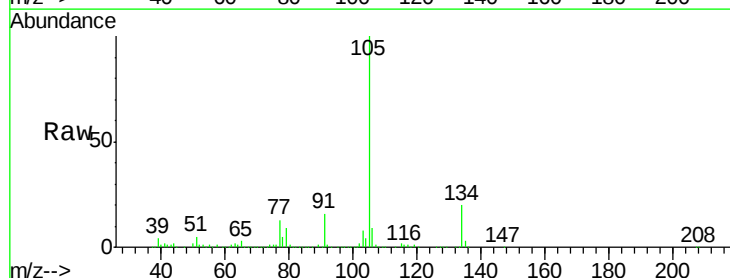
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

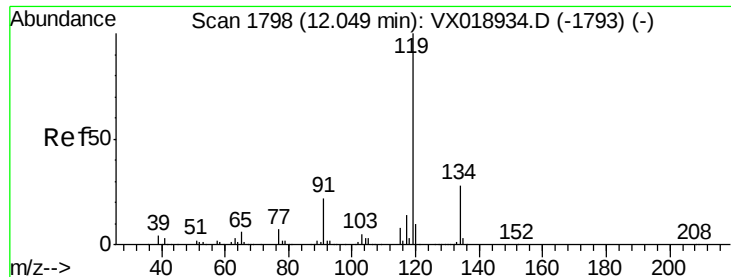
Tgt Ion:105 Resp: 61102
 Ion Ratio Lower Upper
 105 100
 120 45.7 0.0 93.0



#81
 sec-Butylbenzene
 Concen: 5.092 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX018933.D
 Acq: 15 Oct 2020 13:29

Tgt Ion:105 Resp: 70934
 Ion Ratio Lower Upper
 105 100
 134 20.9 0.0 42.6

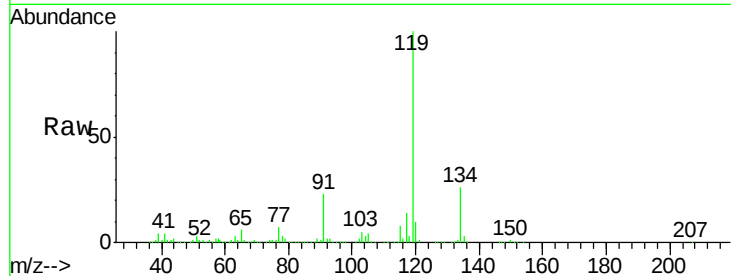




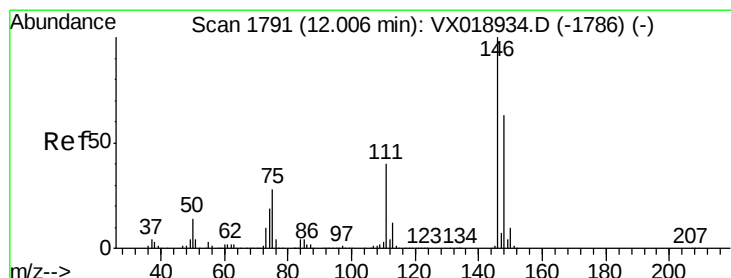
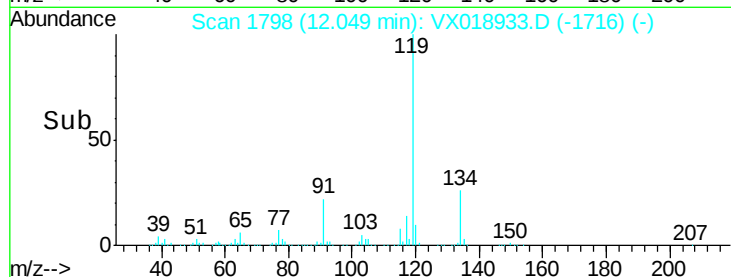
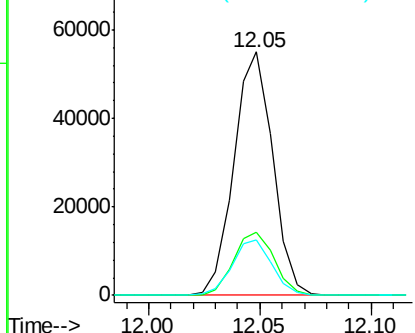
#82
p-Isopropyltoluene
Concen: 5.127 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VX018933.D
Acq: 15 Oct 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 66643
Ion Ratio Lower Upper
119 100
134 27.3 0.0 54.8
91 22.8 0.0 45.4

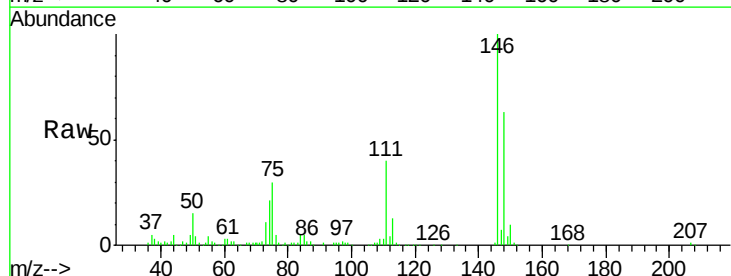


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

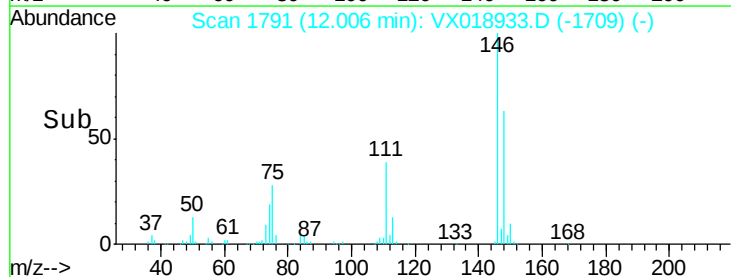
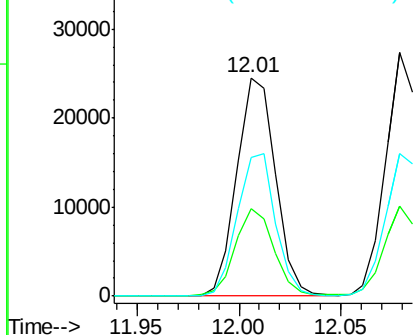


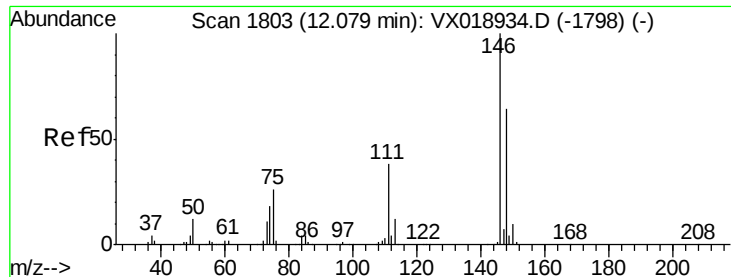
#83
1,3-Dichlorobenzene
Concen: 4.746 ug/l
RT: 12.01 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX018933.D
Acq: 15 Oct 2020 13:29

Tgt Ion:146 Resp: 32350
Ion Ratio Lower Upper
146 100
111 40.1 19.9 59.7
148 64.5 31.9 95.5



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V





#84

1,4-Dichlorobenzene

Concen: 4.812 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

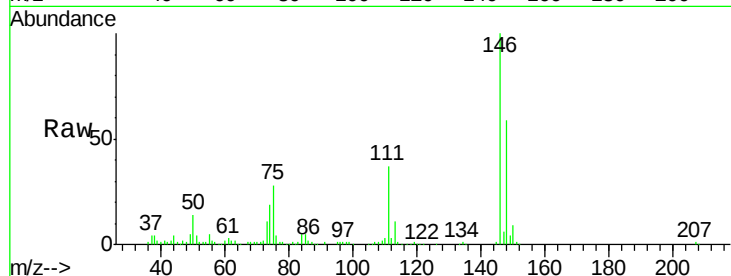
Tgt Ion:146 Resp: 32808

Ion Ratio Lower Upper

146 100

111 38.0 18.6 55.6

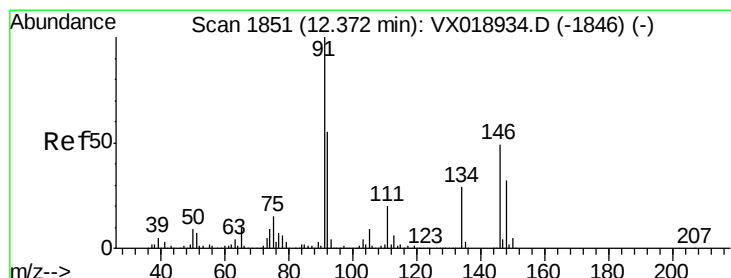
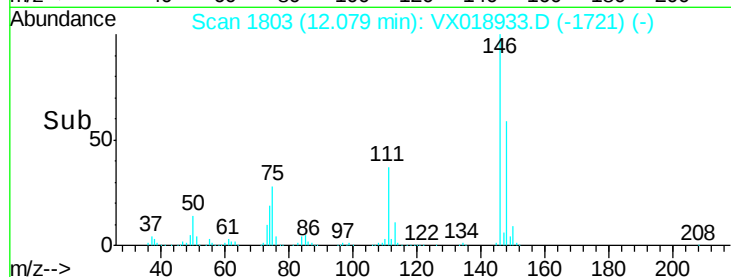
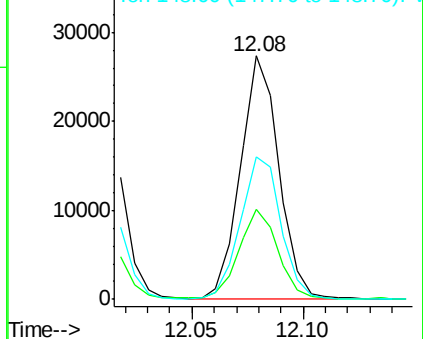
148 62.3 32.1 96.5



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#85

n-Butylbenzene

Concen: 5.122 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

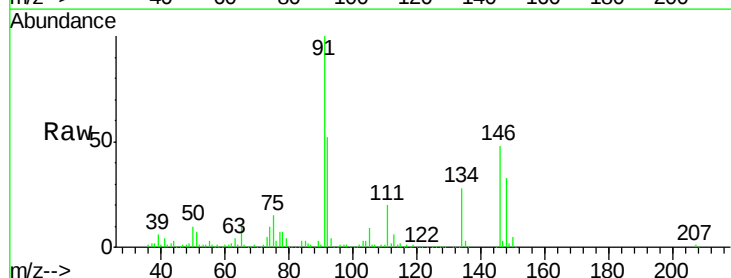
Tgt Ion: 91 Resp: 58763

Ion Ratio Lower Upper

91 100

92 53.9 0.0 109.6

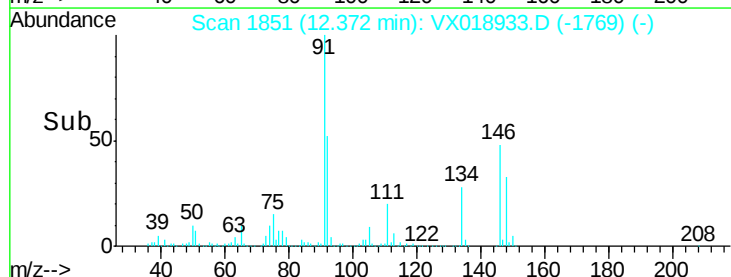
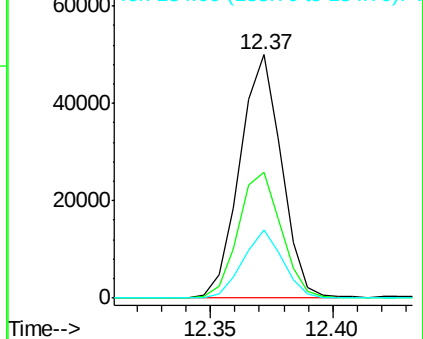
134 27.3 0.0 56.4

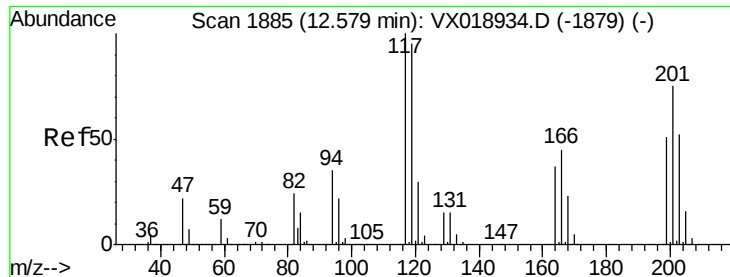


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

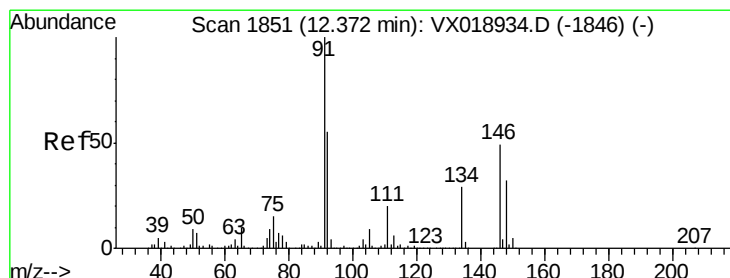
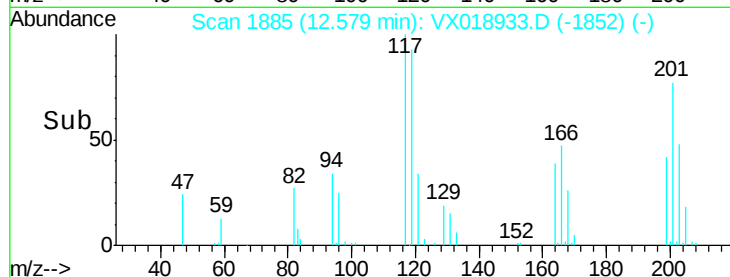
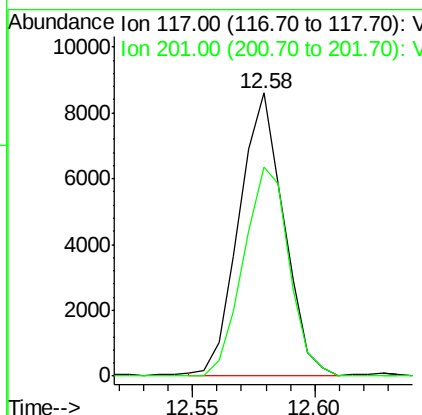
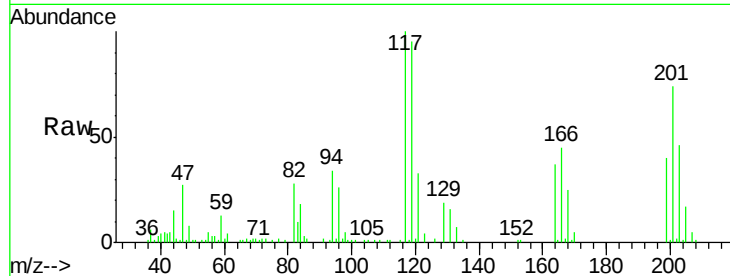




#86
 Hexachloroethane
 Concen: 4.406 ug/l
 RT: 12.58 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX018933.D
 Acq: 15 Oct 2020 13:29

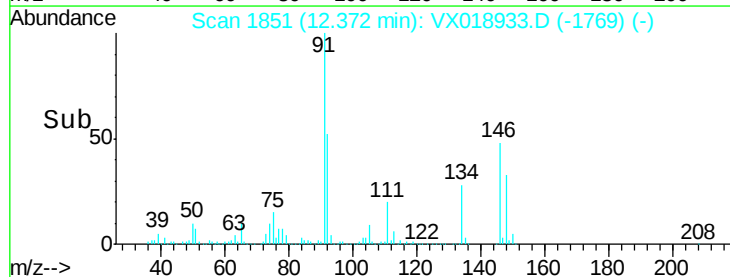
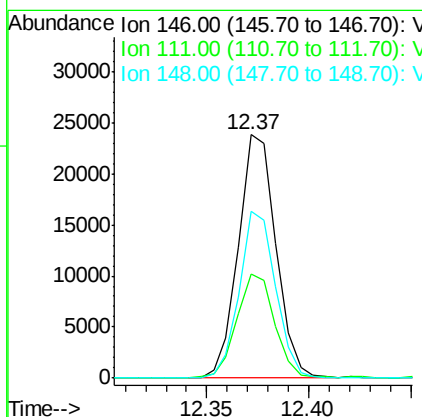
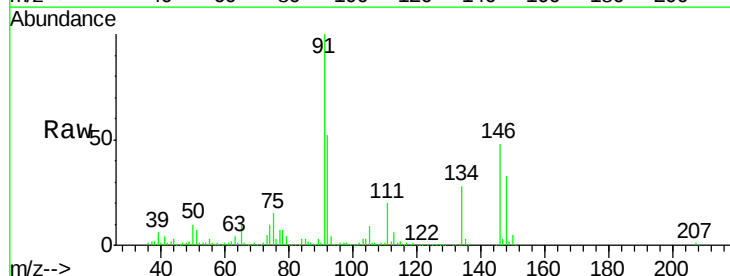
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

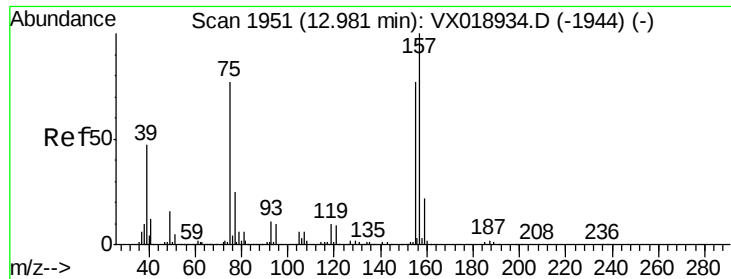
Tgt Ion:117 Resp: 10988
 Ion Ratio Lower Upper
 117 100
 201 75.1 38.9 116.6



#87
 1,2-Dichlorobenzene
 Concen: 4.752 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX018933.D
 Acq: 15 Oct 2020 13:29

Tgt Ion:146 Resp: 30575
 Ion Ratio Lower Upper
 146 100
 111 43.2 19.9 59.6
 148 66.2 31.9 95.7

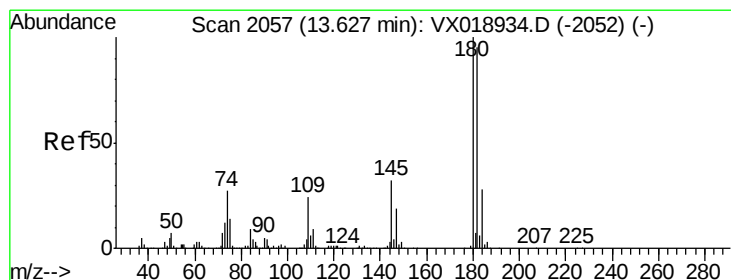
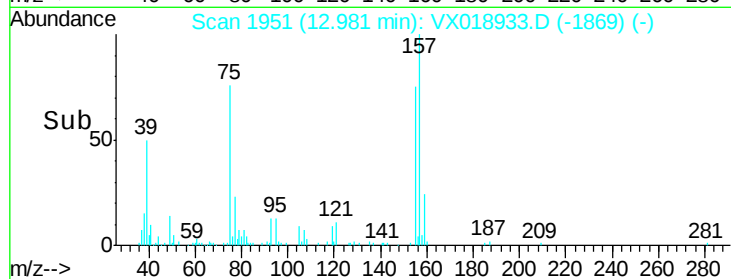
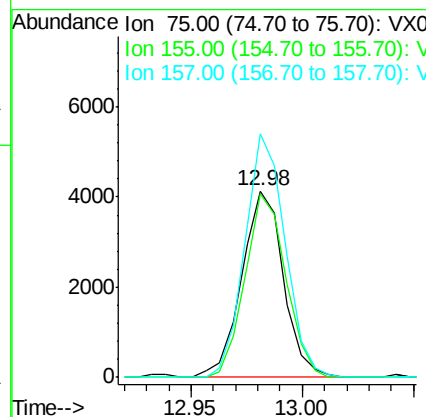
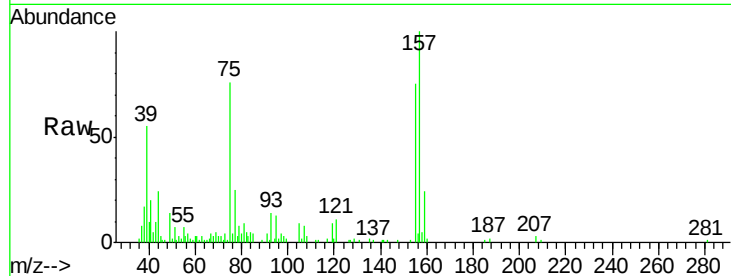




#88
 1,2-Dibromo-3-Chloropropane
 Concen: 4.627 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018933.D
 Acq: 15 Oct 2020 13:29

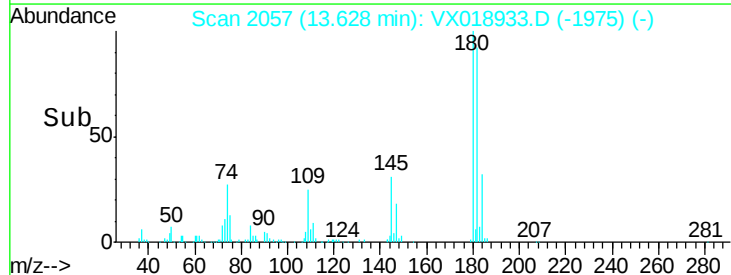
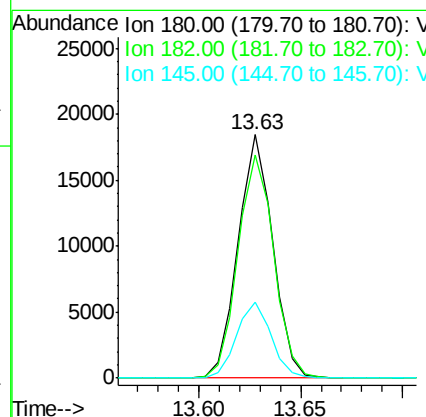
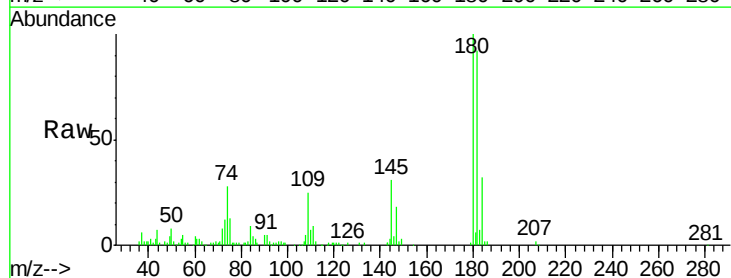
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

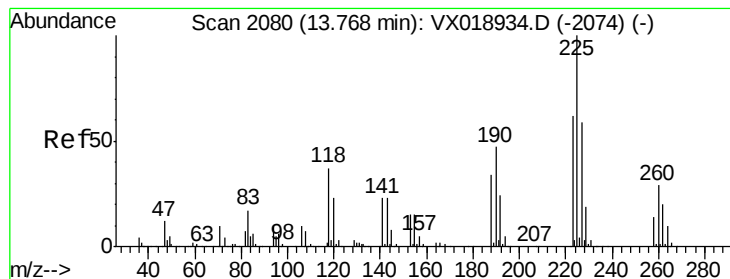
Tgt Ion: 75 Resp: 5398
 Ion Ratio Lower Upper
 75 100
 155 95.9 79.3 118.9
 157 126.0 104.2 156.4



#89
 1,2,4-Trichlorobenzene
 Concen: 4.924 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018933.D
 Acq: 15 Oct 2020 13:29

Tgt Ion: 180 Resp: 21750
 Ion Ratio Lower Upper
 180 100
 182 94.6 75.4 113.2
 145 31.2 24.8 37.2





#90

Hexachlorobutadiene

Concen: 5.273 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

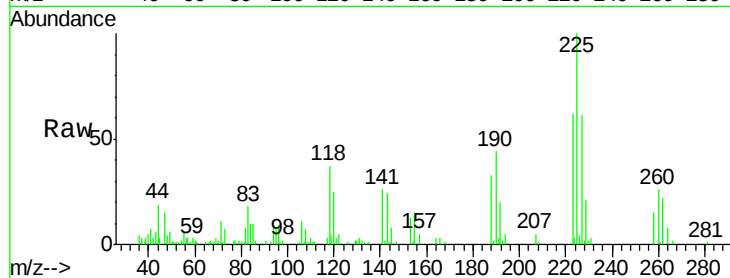
Tgt Ion:225 Resp: 9730

Ion Ratio Lower Upper

225 100

223 61.7 0.0 128.8

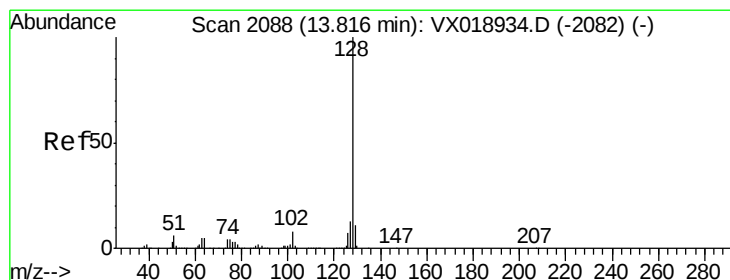
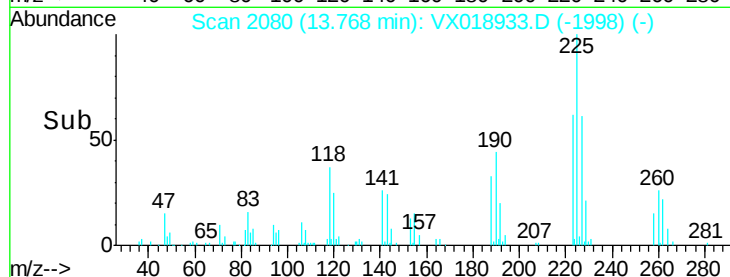
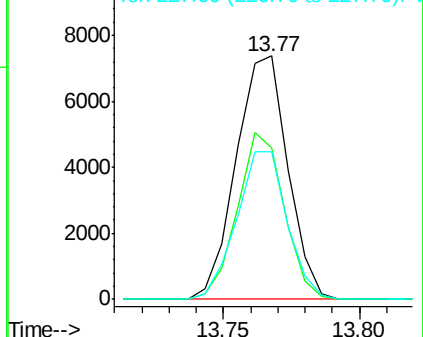
227 59.3 0.0 123.2



Abundance Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V



#91

Naphthalene

Concen: 5.108 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018933.D

Acq: 15 Oct 2020 13:29

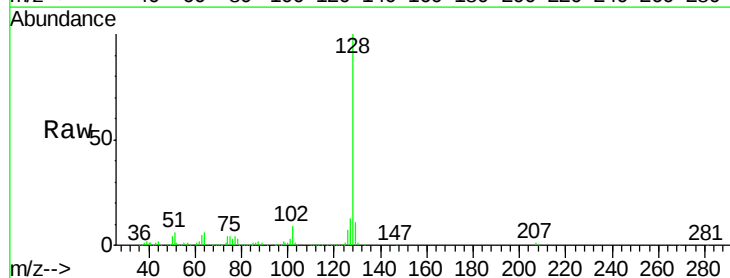
Tgt Ion:128 Resp: 71304

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.2

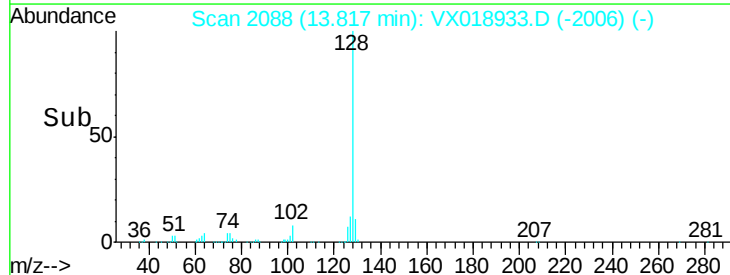
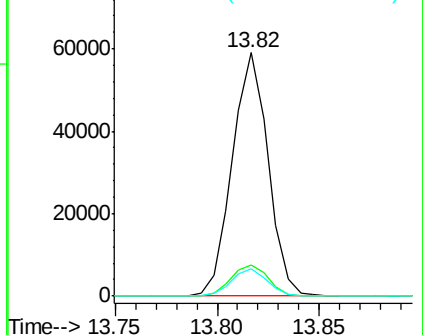
129 11.3 8.7 13.1

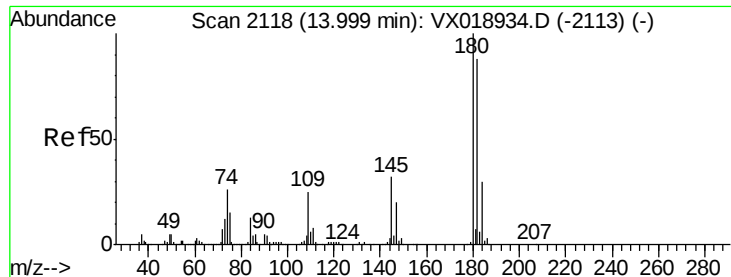


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#92
 1,2,3-Trichlorobenzene
 Concen: 4.720 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VX018933.D
 Acq: 15 Oct 2020 13:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:	180	Resp:	20609
Ion	Ratio	Lower	Upper
180	100		
182	99.3	0.0	190.8
145	34.5	0.0	64.4

