

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062320\
 Data File : VX016933.D
 Acq On : 23 Jun 2020 16:31
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Jun 24 00:13:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062320W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 00:11:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	196478	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	367205	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	276167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	160299	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	17698	5.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.40%	
35) Dibromofluoromethane	5.46	113	13064	5.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.40%	
50) Toluene-d8	8.70	98	45545	5.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.28%	
62) 4-Bromofluorobenzene	11.12	95	18533	5.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.38%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	9026	3.939	ug/l	96
3) Chloromethane	1.32	50	10437	4.839	ug/l	99
4) Vinyl Chloride	1.40	62	9720	4.507	ug/l	97
5) Bromomethane	1.62	94	5617	4.843	ug/l	94
6) Chloroethane	1.71	64	7419	4.750	ug/l	92
7) Trichlorofluoromethane	1.92	101	17060	4.485	ug/l	94
8) Diethyl Ether	2.17	74	7020	4.853	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	9710	4.577	ug/l	96
10) Methyl Iodide	2.49	142	10898	3.982	ug/l	99
11) Tert butyl alcohol	3.02	59	16187	24.812	ug/l #	94
12) 1,1-Dichloroethene	2.35	96	9515	4.764	ug/l	85
13) Acrolein	2.28	56	5620	16.348	ug/l	90
14) Allyl chloride	2.70	41	21973	4.808	ug/l	95
15) Acrylonitrile	3.12	53	34012	23.866	ug/l	98
16) Acetone	2.42	43	28537	24.199	ug/l	96
17) Carbon Disulfide	2.55	76	30244	4.815	ug/l	95
18) Methyl Acetate	2.75	43	19008	4.867	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	41470	4.803	ug/l	96
20) Methylene Chloride	2.84	84	15008	5.102	ug/l	92
21) trans-1,2-Dichloroethene	3.14	96	12079	4.851	ug/l	98
22) Diisopropyl ether	3.83	45	33858	4.212	ug/l	90
23) Vinyl Acetate	3.79	43	131965	20.325	ug/l	97
24) 1,1-Dichloroethane	3.67	63	22011	4.755	ug/l	98
25) 2-Butanone	4.63	43	39297	21.115	ug/l	94
26) 2,2-Dichloropropane	4.54	77	17281	4.246	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	12073	4.310	ug/l	96
28) Bromochloromethane	4.98	49	11685	4.860	ug/l	94
29) Tetrahydrofuran	5.10	42	29453	25.776	ug/l	96
30) Chloroform	5.18	83	23772	4.874	ug/l	99
31) Cyclohexane	5.54	56	19161	5.195	ug/l	90
32) 1,1,1-Trichloroethane	5.46	97	20724	4.847	ug/l	98
36) 1,1-Dichloropropene	5.77	75	17001	4.855	ug/l	97
37) Ethyl Acetate	4.80	43	15993	4.157	ug/l #	90
38) Carbon Tetrachloride	5.76	117	17663	4.717	ug/l	94

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 Data File : VX016933.D
 Acq On : 23 Jun 2020 16:31
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Jun 24 00:13:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062320W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 00:11:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	18661	4.835	ug/l	96
40) Benzene	6.12	78	50281	5.011	ug/l	98
41) Methacrylonitrile	5.00	41	10434	4.655	ug/l #	94
42) 1,2-Dichloroethane	6.17	62	20821	5.056	ug/l	93
43) Isopropyl Acetate	6.41	43	33454	4.990	ug/l	97
44) Trichloroethene	7.19	130	11726	4.175	ug/l	90
45) 1,2-Dichloropropane	7.49	63	13325	4.794	ug/l	97
46) Dibromomethane	7.64	93	9443	4.915	ug/l	98
47) Bromodichloromethane	7.88	83	18875	4.684	ug/l	94
48) Methyl methacrylate	7.74	41	13540	4.344	ug/l	99
49) 1,4-Dioxane	7.72	88	6287	93.779	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	93891	24.045	ug/l	100
52) Toluene	8.76	92	31683	5.141	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	21641	4.666	ug/l	97
54) cis-1,3-Dichloropropene	8.41	75	20037	4.477	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	13231	4.740	ug/l	92
56) Ethyl methacrylate	9.16	69	18319	4.237	ug/l	96
57) 1,3-Dichloropropane	9.35	76	23111	4.940	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.29	63	43994	24.841	ug/l	99
59) 2-Hexanone	9.48	43	70109	23.447	ug/l	96
60) Dibromochloromethane	9.56	129	11292	3.698	ug/l	99
61) 1,2-Dibromoethane	9.65	107	11041	3.842	ug/l	96
64) Tetrachloroethene	9.32	164	11405	6.084	ug/l	95
65) Chlorobenzene	10.12	112	28633	5.076	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	10755	4.922	ug/l	97
67) Ethyl Benzene	10.23	91	50950	5.051	ug/l	92
68) m/p-Xylenes	10.34	106	38297	10.337	ug/l	99
69) o-Xylene	10.68	106	19213	5.429	ug/l	92
70) Styrene	10.69	104	31464	5.224	ug/l	96
71) Bromoform	10.84	173	9356	5.758	ug/l #	99
73) Isopropylbenzene	11.00	105	56808	4.776	ug/l	99
74) N-amyl acetate	10.88	43	27423	4.607	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	20016	5.029	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	24946	5.436	ug/l	85
77) Bromobenzene	11.24	156	14569	4.989	ug/l	97
78) n-propylbenzene	11.34	91	66729	4.921	ug/l	100
79) 2-Chlorotoluene	11.40	91	41999	4.892	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	48411	4.833	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	6636	4.304	ug/l #	86
82) 4-Chlorotoluene	11.49	91	50236	4.888	ug/l	99
83) tert-Butylbenzene	11.76	119	46139	4.704	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	49315	4.955	ug/l	98
85) sec-Butylbenzene	11.93	105	55510	5.017	ug/l	100
86) p-Isopropyltoluene	12.05	119	49807	4.864	ug/l	97
87) 1,3-Dichlorobenzene	12.01	146	26547	5.054	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	26947	5.114	ug/l	91
89) n-Butylbenzene	12.37	91	45201	4.662	ug/l	100
90) Hexachloroethane	12.58	117	9685	4.814	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	24663	4.873	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	3946	3.862	ug/l	95

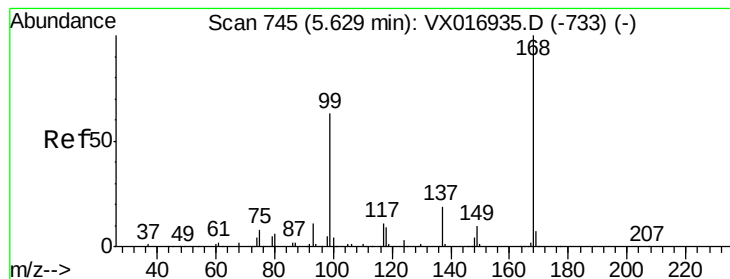
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062320\
Data File : VX016933.D
Acq On : 23 Jun 2020 16:31
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Jun 24 00:13:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062320W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 00:11:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	14674	4.438	ug/l	99
94) Hexachlorobutadiene	13.77	225	4615	4.001	ug/l	94
95) Naphthalene	13.82	128	41314	3.677	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	12277	3.839	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

Instrument :

MSVOA_X

ClientSampleId :

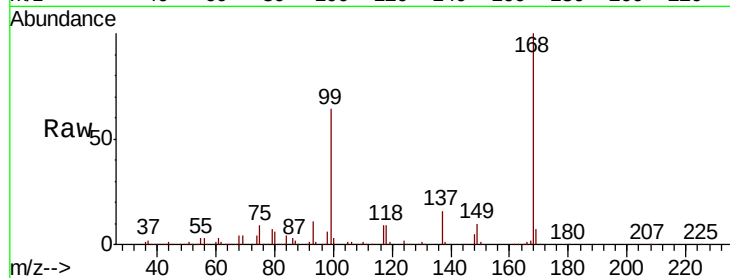
VSTDIC005

Tot Ion:168 Resp: 196478

Ion Ratio Lower Upper

168 100

99 64.4 50.6 75.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

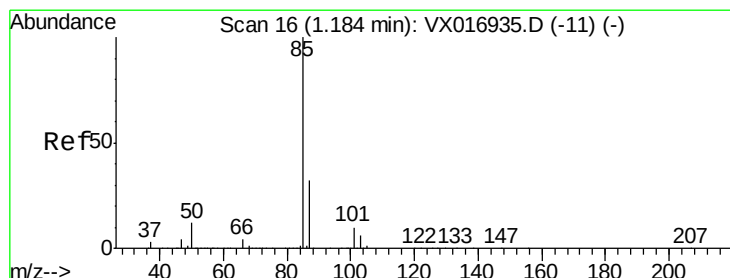
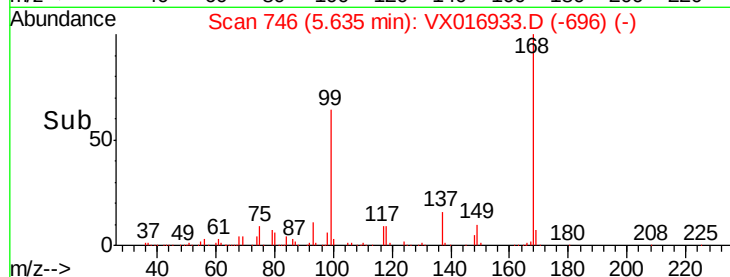
40000

20000

0

5.50 5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 3.939 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016933.D

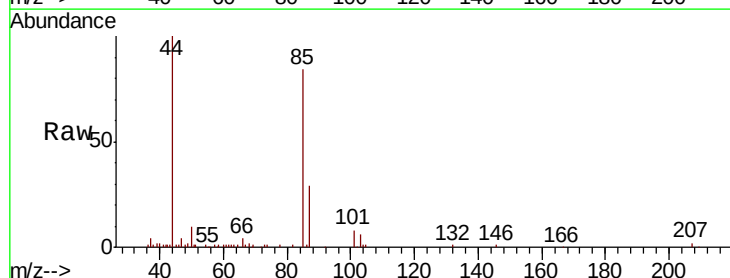
Acq: 23 Jun 2020 16:31

Tgt Ion: 85 Resp: 9026

Ion Ratio Lower Upper

85 100

87 34.0 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

10000

8000

6000

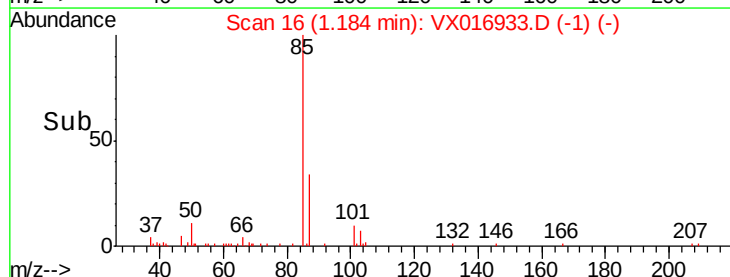
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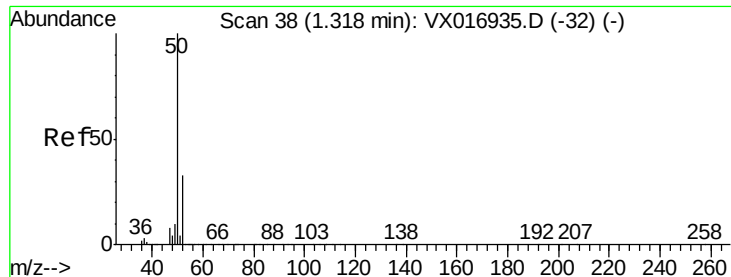
2000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 4.839 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.00 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

Instrument :

MSVOA_X

ClientSampleId :

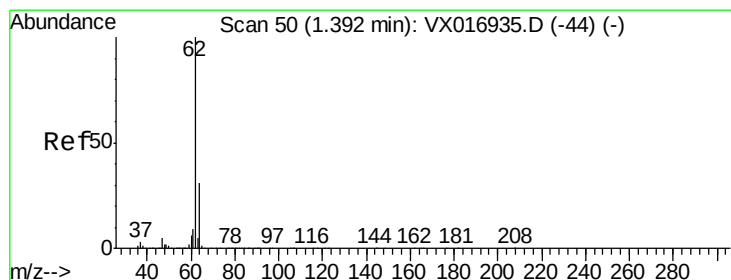
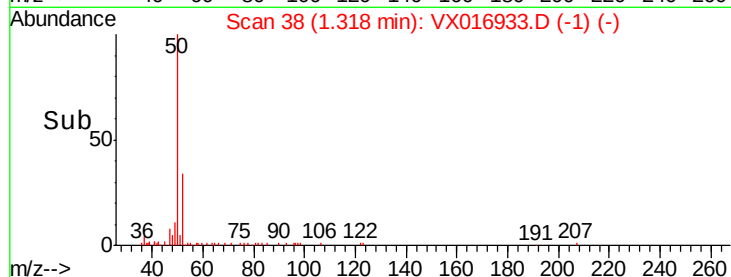
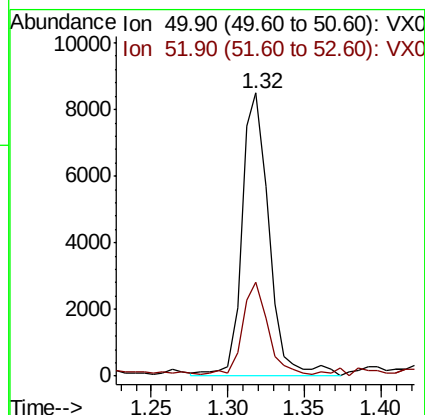
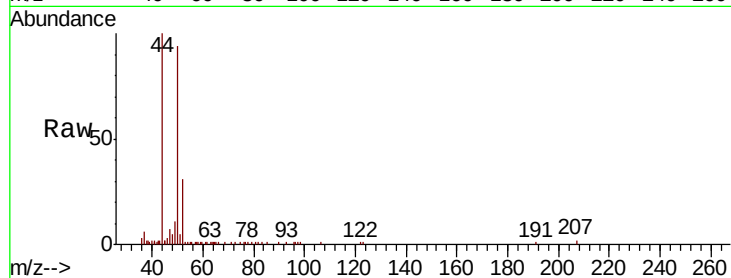
VSTDIC005

Tot Ion: 50 Resp: 10437

Ion Ratio Lower Upper

50 100

52 32.1 26.0 39.0



#4

Vinyl Chloride

Concen: 4.507 ug/l

RT: 1.40 min Scan# 51

Delta R.T. 0.01 min

Lab File: VX016933.D

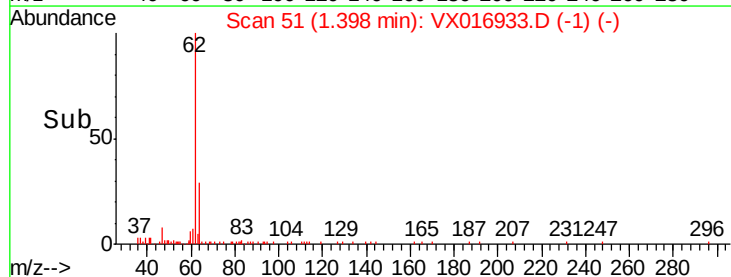
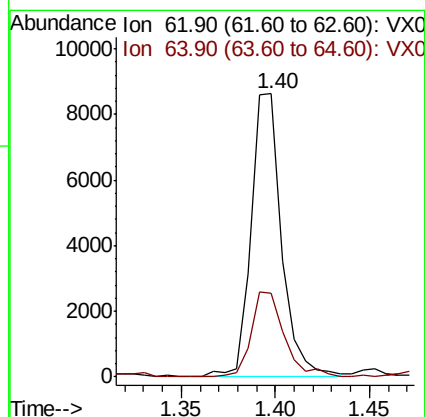
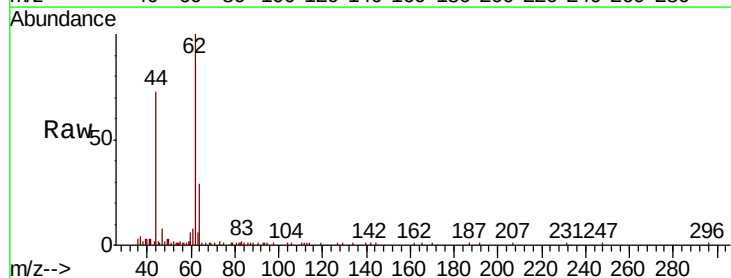
Acq: 23 Jun 2020 16:31

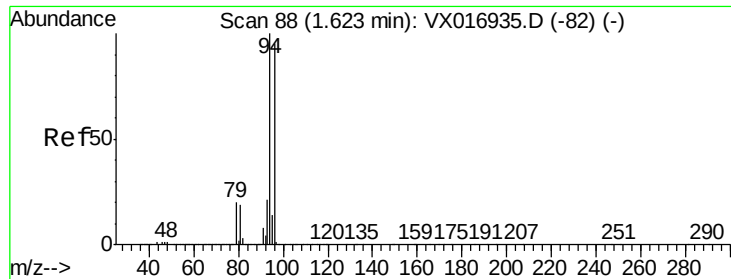
Tgt Ion: 62 Resp: 9720

Ion Ratio Lower Upper

62 100

64 29.4 25.0 37.4





#5

Bromomethane

Concen: 4.843 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

Instrument :

MSVOA_X

ClientSampleId :

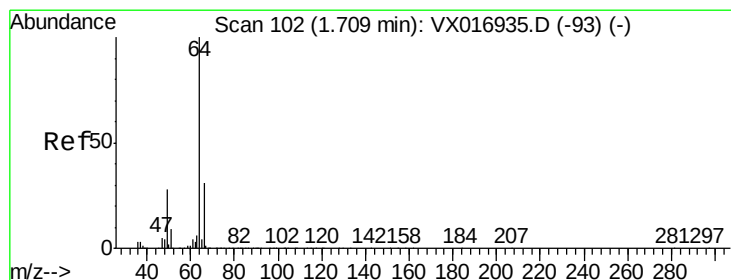
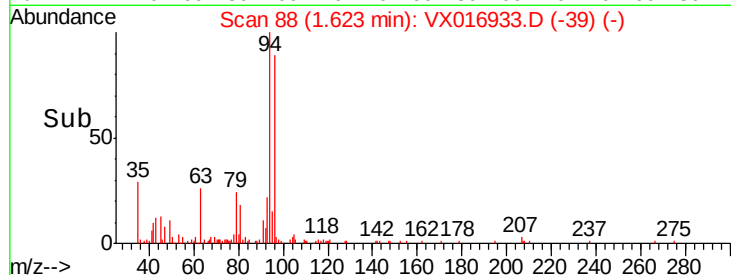
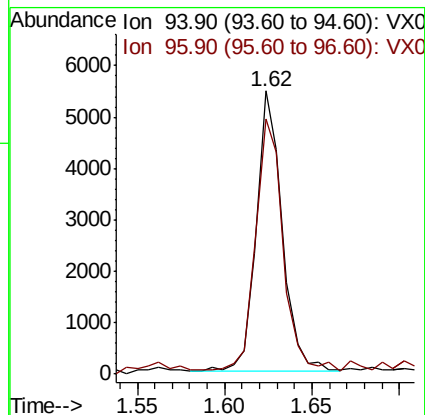
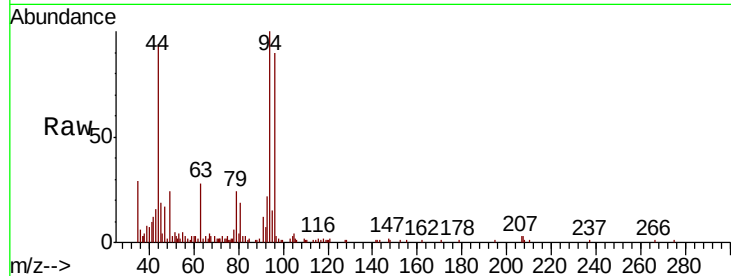
VSTDIC005

Tot Ion: 94 Resp: 5617

Ion Ratio Lower Upper

94 100

96 89.3 75.9 113.9



#6

Chloroethane

Concen: 4.750 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX016933.D

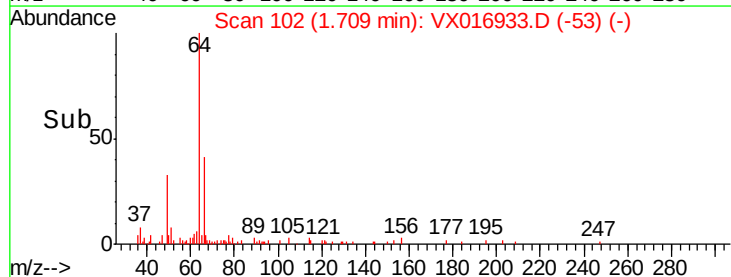
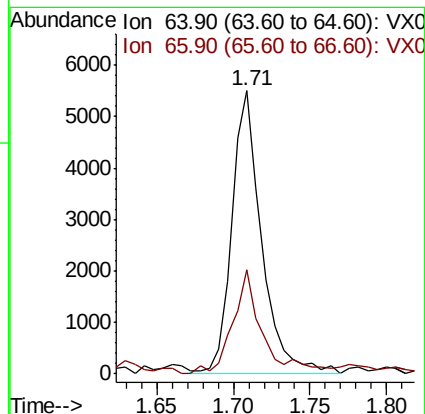
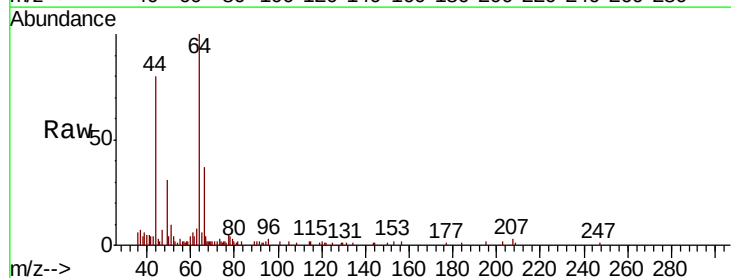
Acq: 23 Jun 2020 16:31

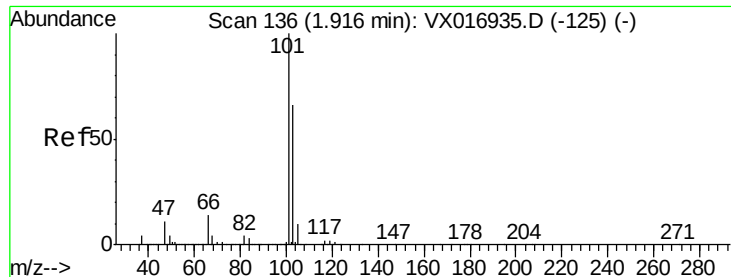
Tgt Ion: 64 Resp: 7419

Ion Ratio Lower Upper

64 100

66 35.6 25.0 37.6



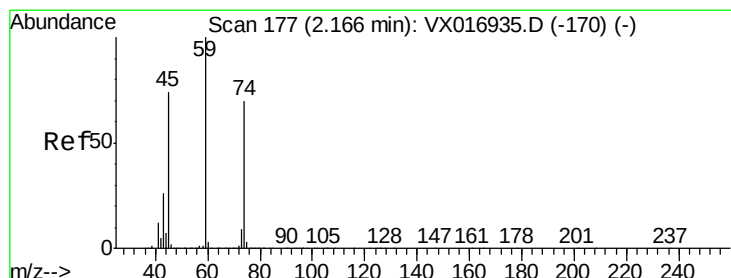
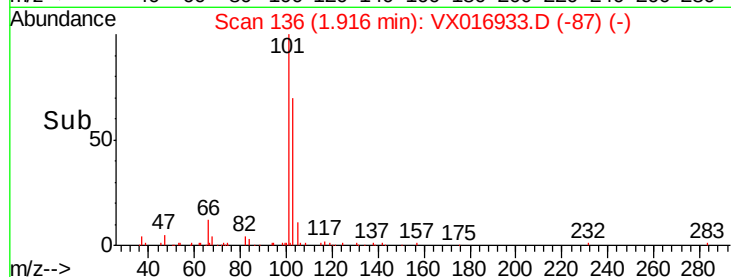
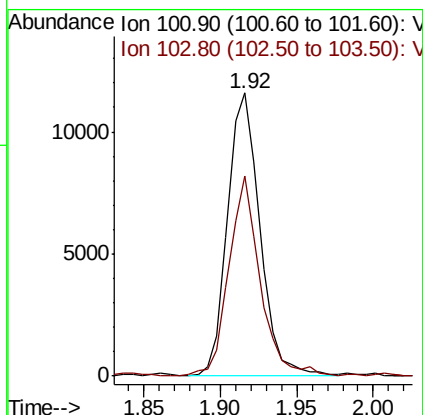
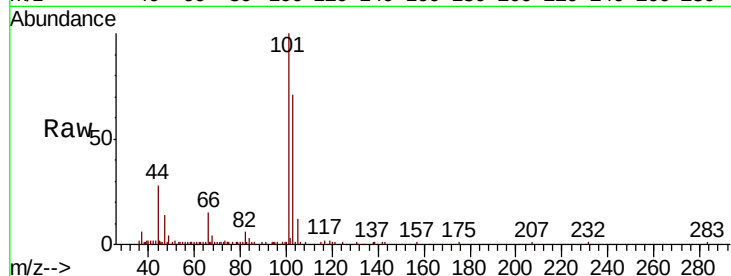


#7

Trichlorofluoromethane
 Concen: 4.485 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.00 min
 Lab File: VX016933.D
 Acq: 23 Jun 2020 16:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

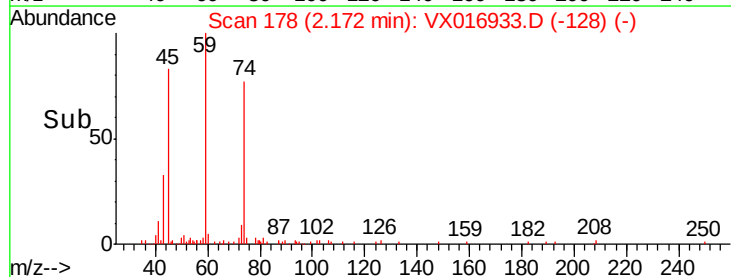
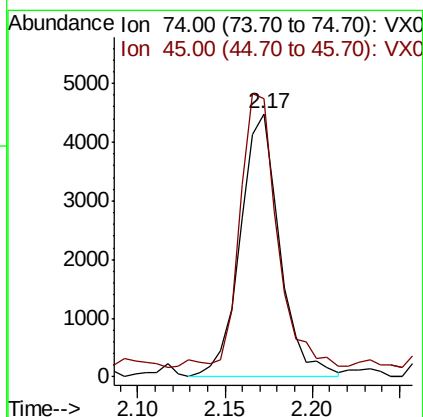
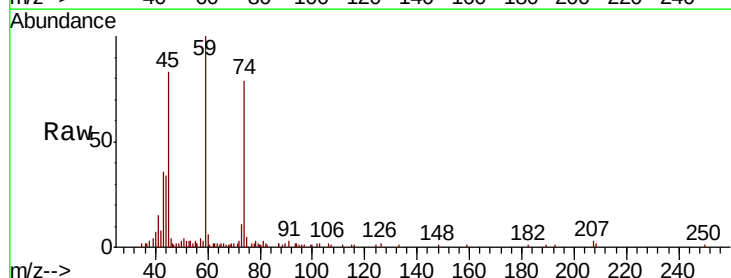
Tot Ion:101 Resp: 17060
 Ion Ratio Lower Upper
 101 100
 103 70.6 53.0 79.4

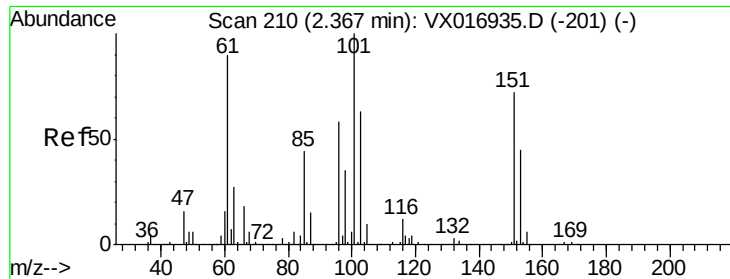


#8

Diethyl Ether
 Concen: 4.853 ug/l
 RT: 2.17 min Scan# 178
 Delta R.T. 0.01 min
 Lab File: VX016933.D
 Acq: 23 Jun 2020 16:31

Tgt Ion: 74 Resp: 7020
 Ion Ratio Lower Upper
 74 100
 45 97.5 52.6 157.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.577 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

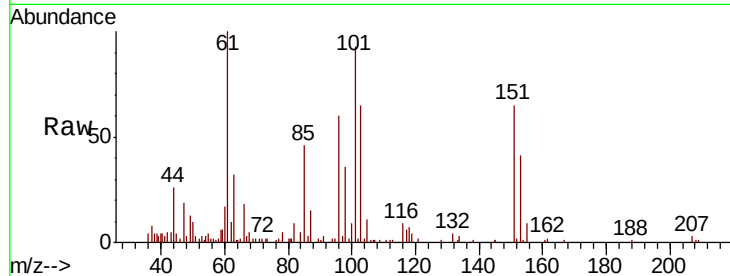
Tot Ion:101 Resp: 9710

Ion Ratio Lower Upper

101 100

85 51.3 36.9 55.3

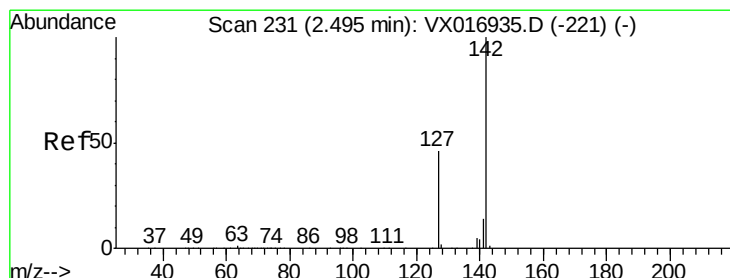
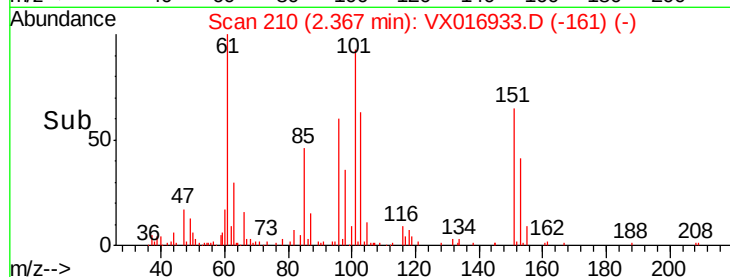
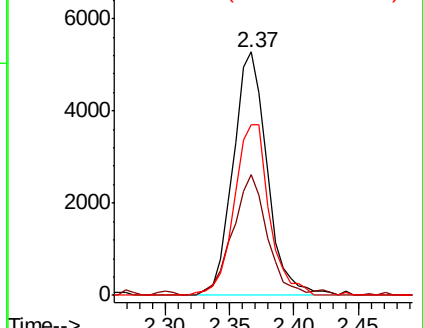
151 72.1 58.4 87.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 3.982 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.01 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

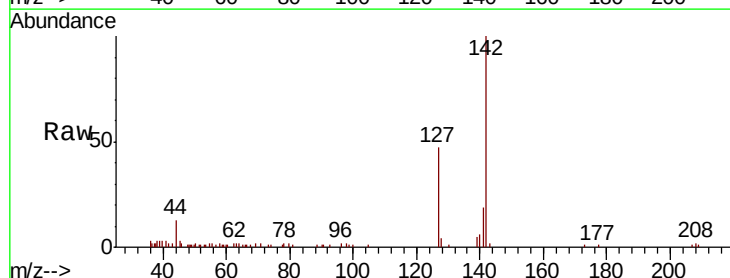
Tgt Ion:142 Resp: 10898

Ion Ratio Lower Upper

142 100

127 48.3 38.3 57.5

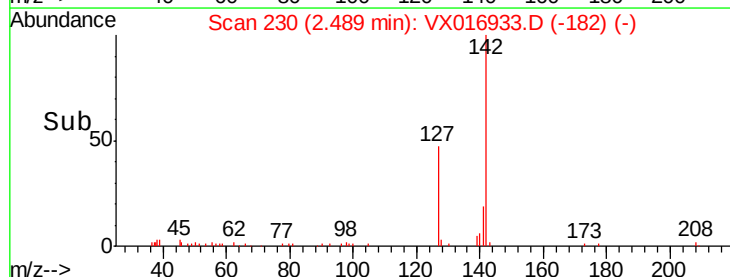
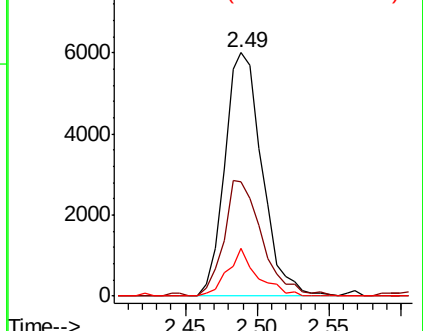
141 15.7 11.9 17.9

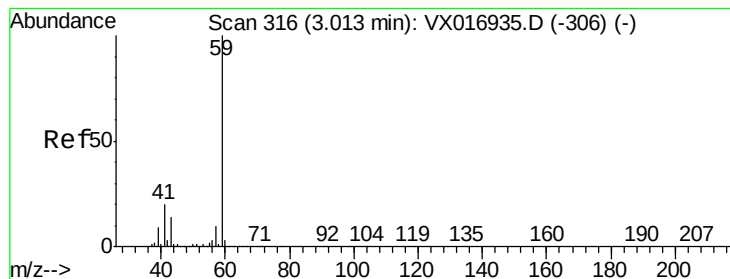


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



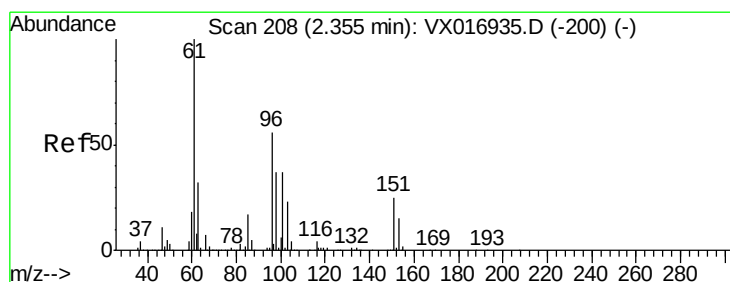
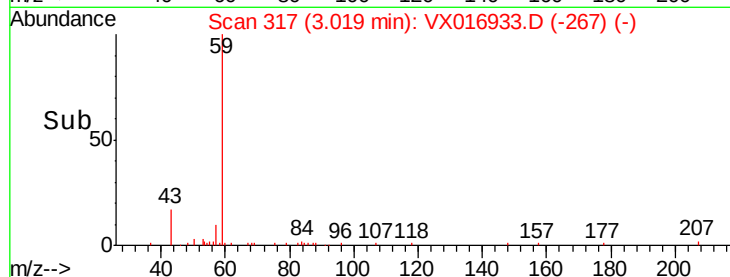
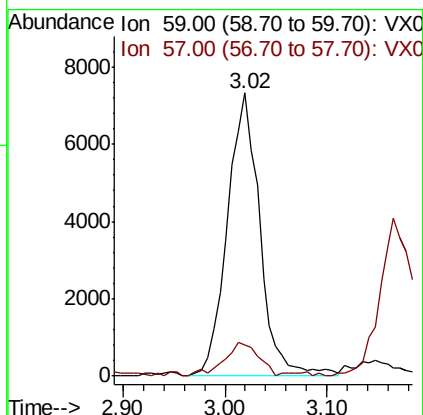
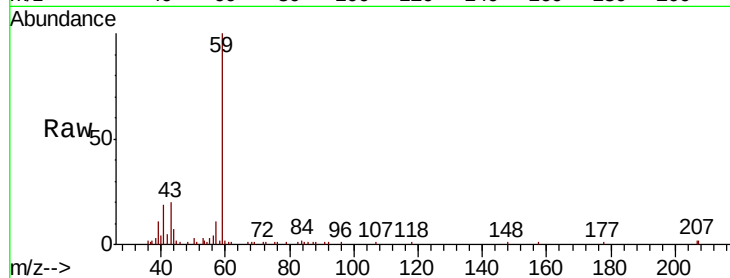


#11

Tert butyl alcohol
Concen: 24.812 ug/l
RT: 3.02 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX016933.D
Acq: 23 Jun 2020 16:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

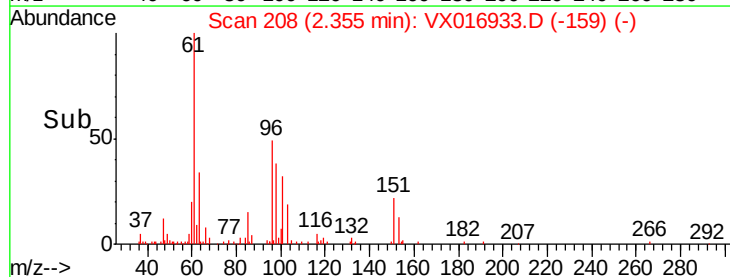
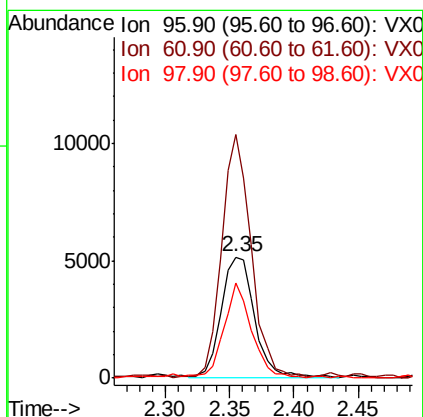
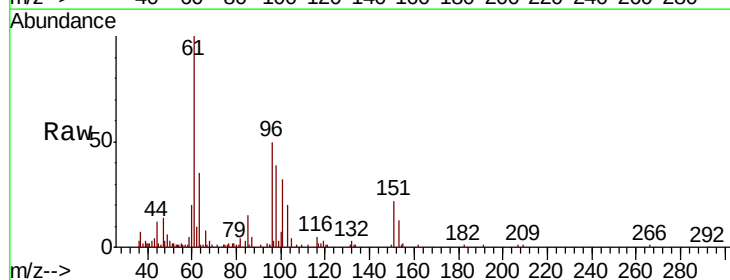
Tot Ion: 59 Resp: 16187
Ion Ratio Lower Upper
59 100
57 12.9 8.6 12.8#

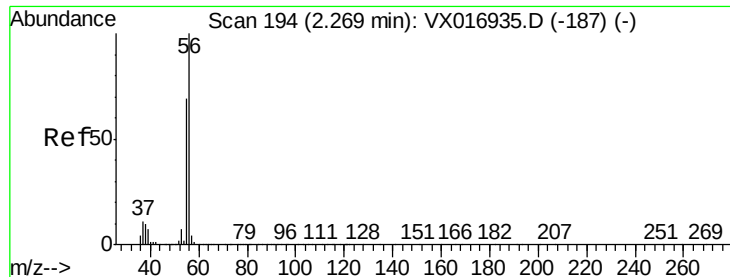


#12

1,1-Dichloroethene
Concen: 4.764 ug/l
RT: 2.35 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX016933.D
Acq: 23 Jun 2020 16:31

Tgt Ion: 96 Resp: 9515
Ion Ratio Lower Upper
96 100
61 199.3 142.3 213.5
98 77.5 53.2 79.8





#13

Acrolein

Concen: 16.348 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

Instrument :

MSVOA_X

ClientSampleId :

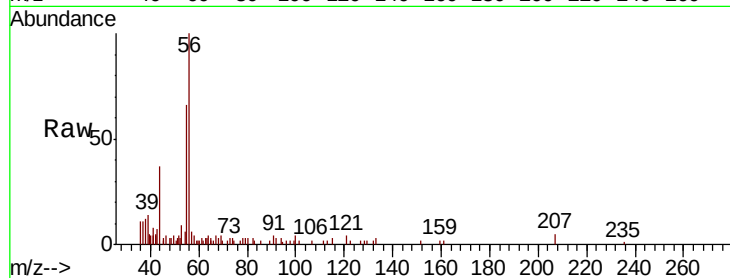
VSTDIC005

Tot Ion: 56 Resp: 5620

Ion Ratio Lower Upper

56 100

55 63.5 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

4000

3000

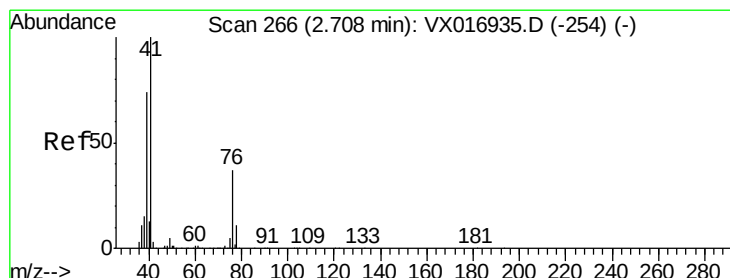
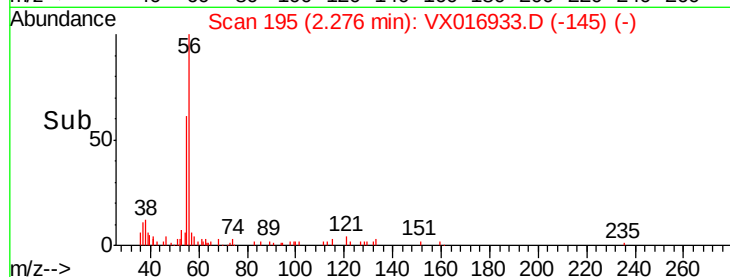
2000

1000

0

2.20 2.25 2.30 2.35

Time-->



#14

Allyl chloride

Concen: 4.808 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

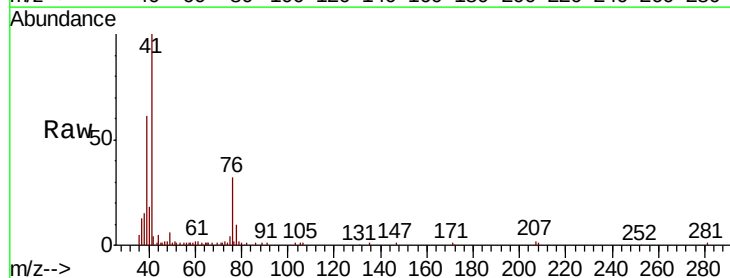
Tgt Ion: 41 Resp: 21973

Ion Ratio Lower Upper

41 100

39 71.2 53.3 79.9

76 32.9 25.2 37.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

15000

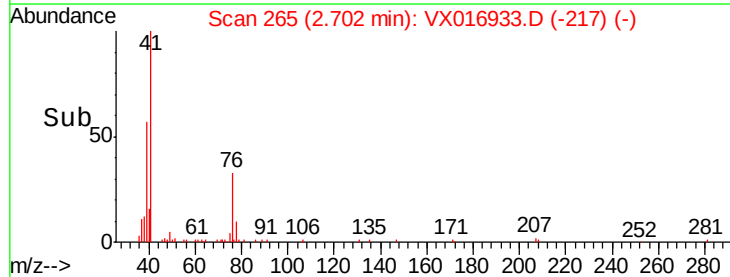
10000

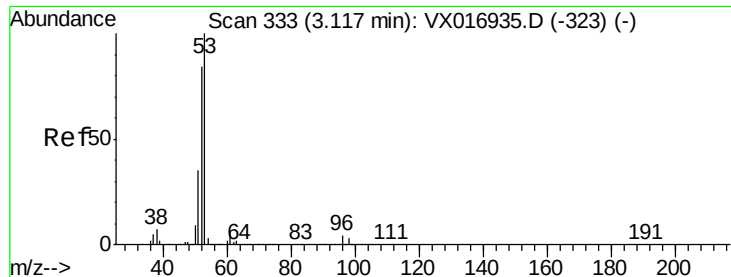
5000

0

2.60 2.65 2.70 2.75 2.80

Time-->





#15

Acrylonitrile

Concen: 23.866 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

Instrument :

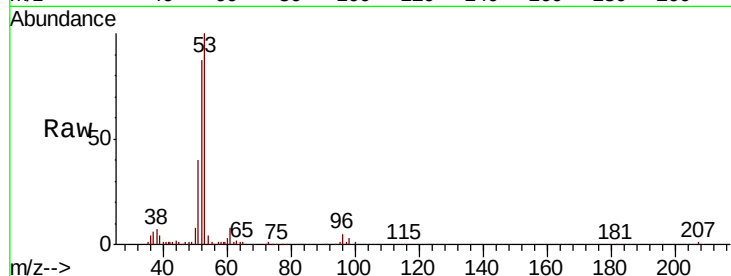
MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 53 Resp: 34012

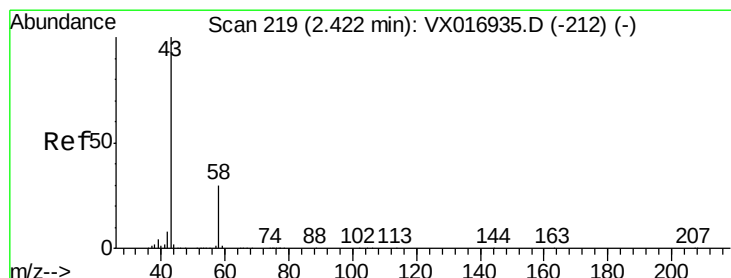
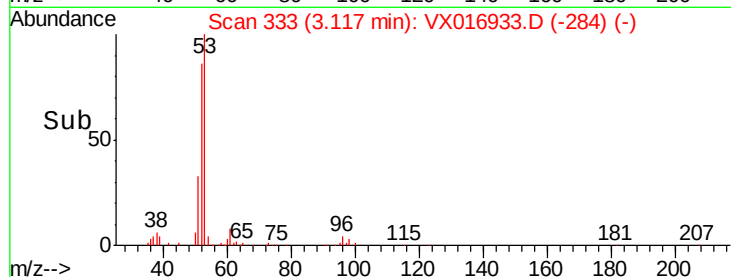
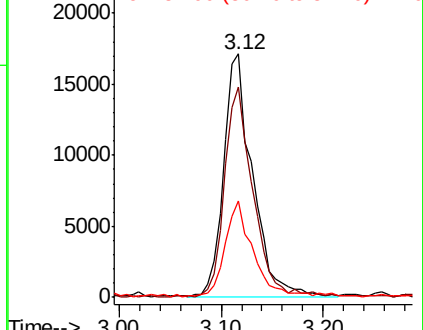
Ion	Ratio	Lower	Upper
53	100		
52	83.6	66.0	99.0
51	38.5	28.9	43.3



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 24.199 ug/l

RT: 2.42 min Scan# 219

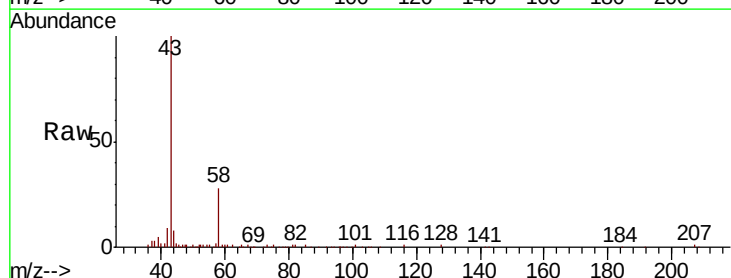
Delta R.T. 0.00 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

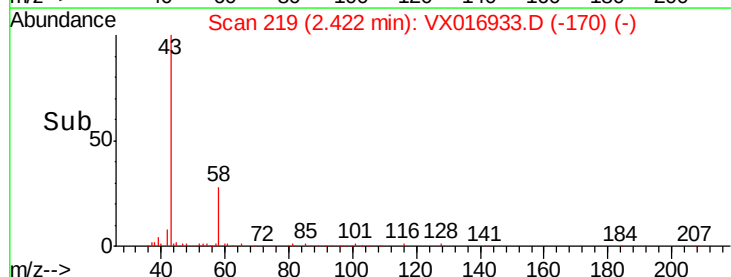
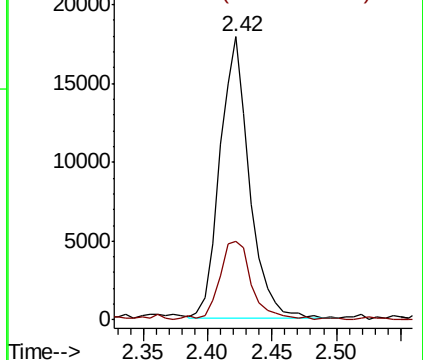
Tgt Ion: 43 Resp: 28537

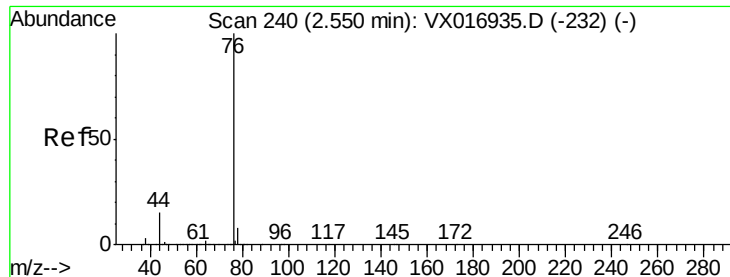
Ion	Ratio	Lower	Upper
43	100		
58	27.5	23.9	35.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

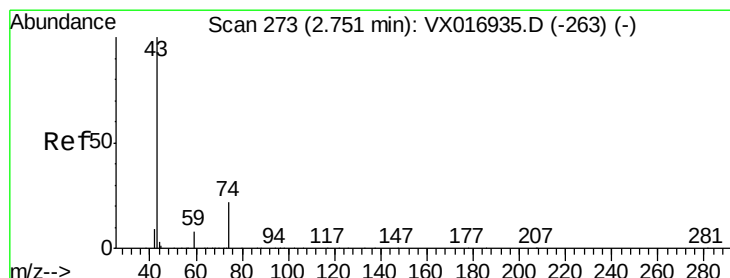
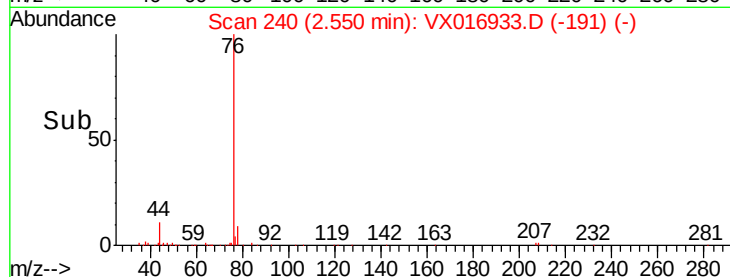
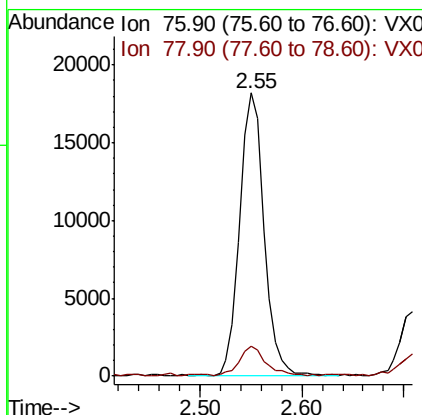
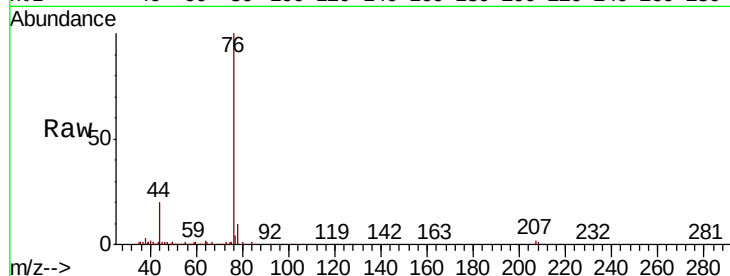




#17
Carbon Disulfide
Concen: 4.815 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016933.D
Acq: 23 Jun 2020 16:31

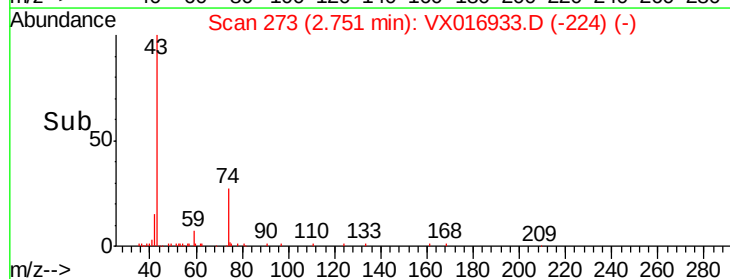
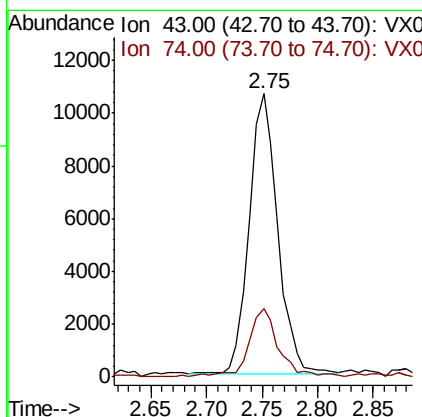
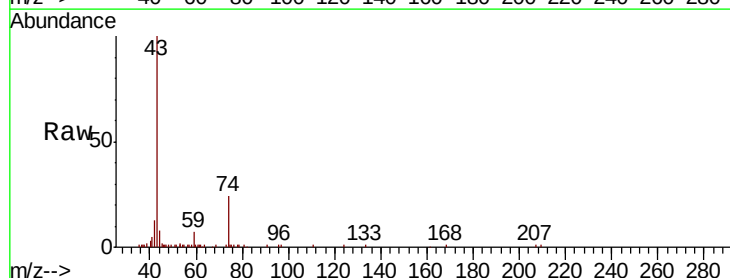
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

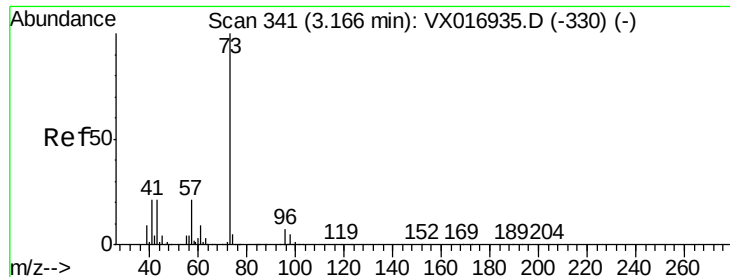
Tot Ion: 76 Resp: 30244
Ion Ratio Lower Upper
76 100
78 9.9 6.6 10.0



#18
Methyl Acetate
Concen: 4.867 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX016933.D
Acq: 23 Jun 2020 16:31

Tgt Ion: 43 Resp: 19008
Ion Ratio Lower Upper
43 100
74 25.7 18.6 27.8



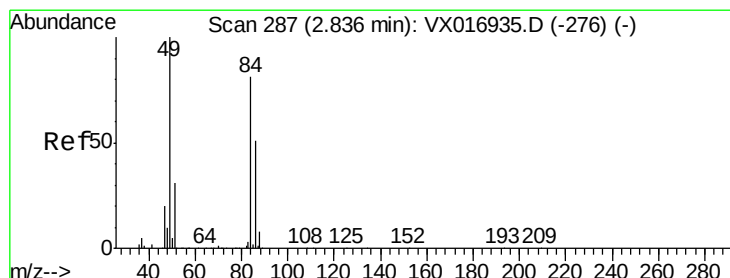
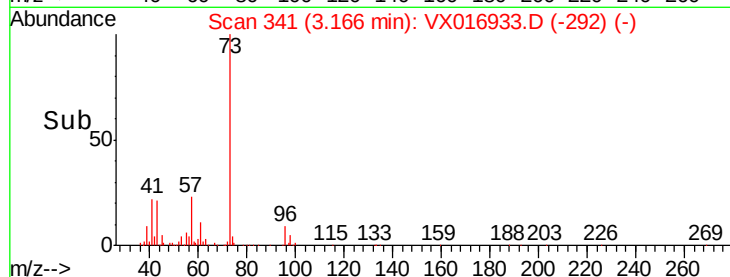
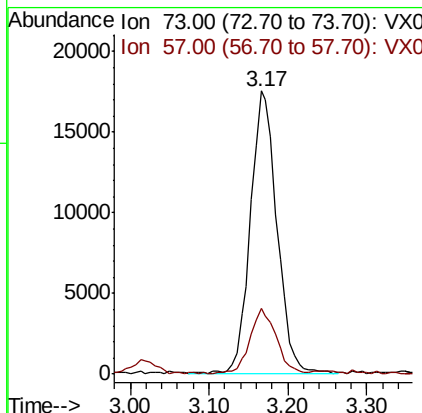
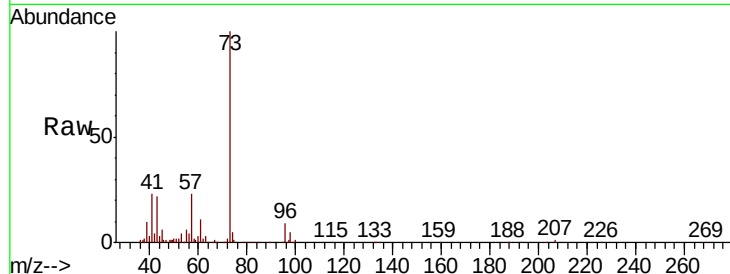


#19

Methyl tert-butyl Ether
 Concen: 4.803 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX016933.D
 Acq: 23 Jun 2020 16:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

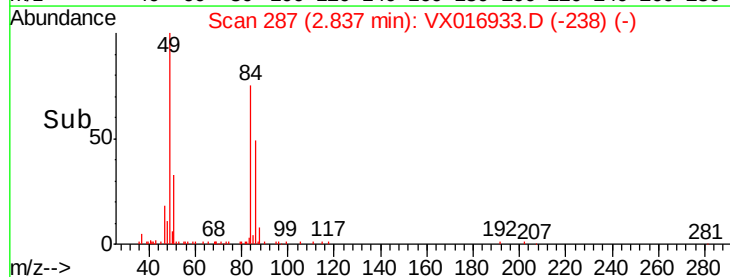
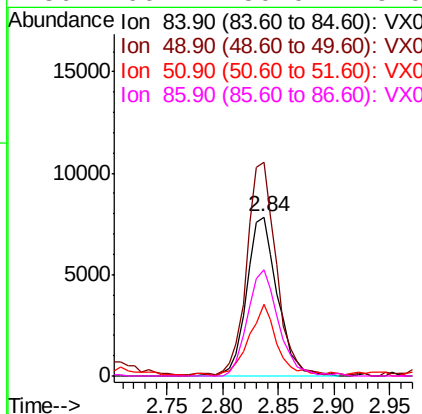
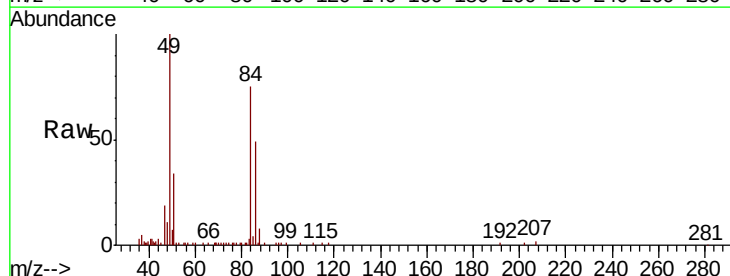
Tot Ion: 73 Resp: 41470
 Ion Ratio Lower Upper
 73 100
 57 22.8 16.7 25.1

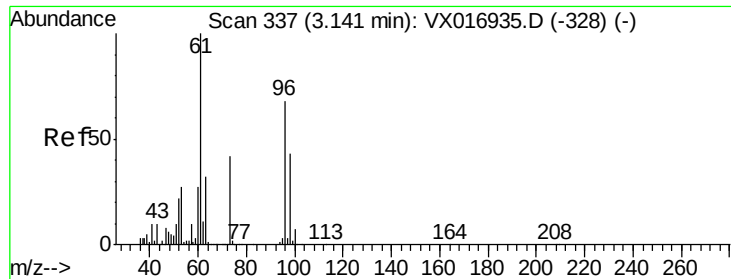


#20

Methylene Chloride
 Concen: 5.102 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX016933.D
 Acq: 23 Jun 2020 16:31

Tgt Ion: 84 Resp: 15008
 Ion Ratio Lower Upper
 84 100
 49 133.3 98.2 147.4
 51 45.2 30.7 46.1
 86 66.4 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 4.851 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

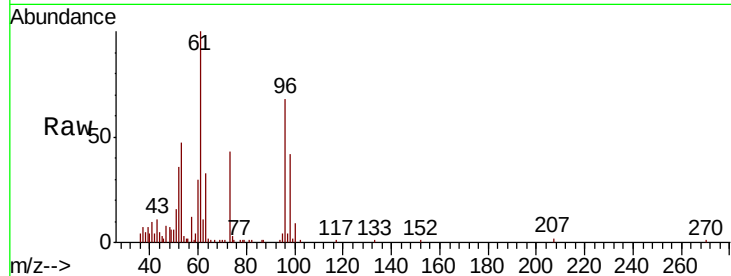
Tot Ion: 96 Resp: 12079

Ion Ratio Lower Upper

96 100

61 146.3 118.1 177.1

98 61.4 50.7 76.1

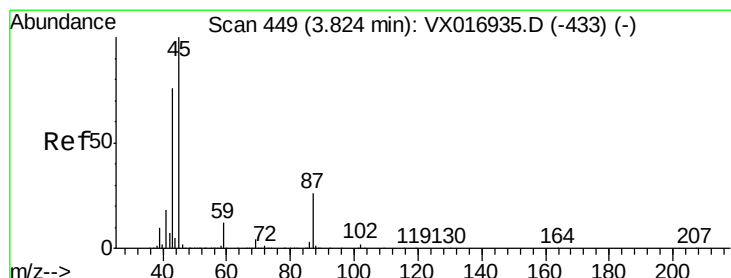
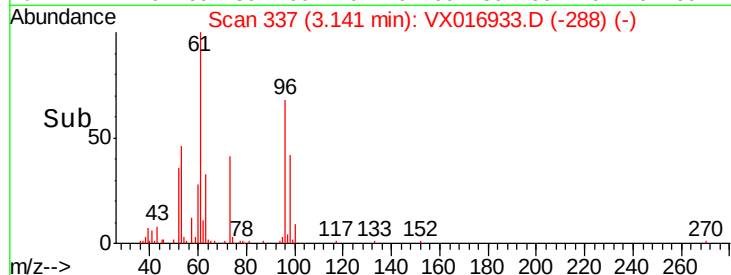
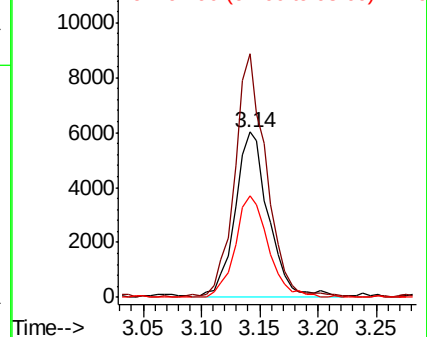


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 4.212 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

Tgt Ion: 45 Resp: 33858

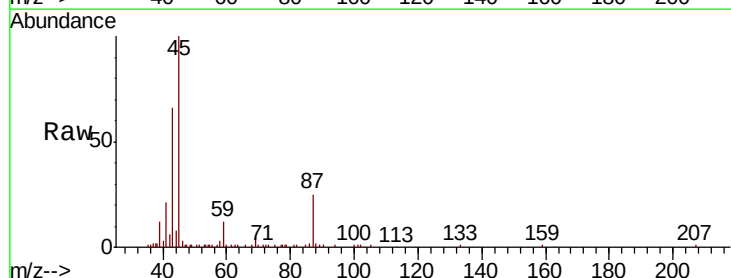
Ion Ratio Lower Upper

45 100

43 63.7 61.0 91.4

87 24.5 20.6 30.8

59 11.6 9.3 13.9



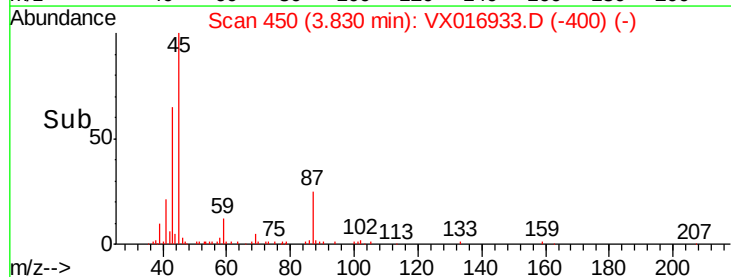
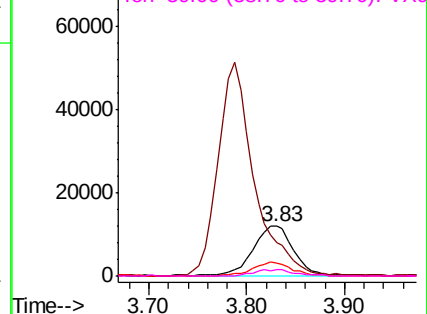
Abundance

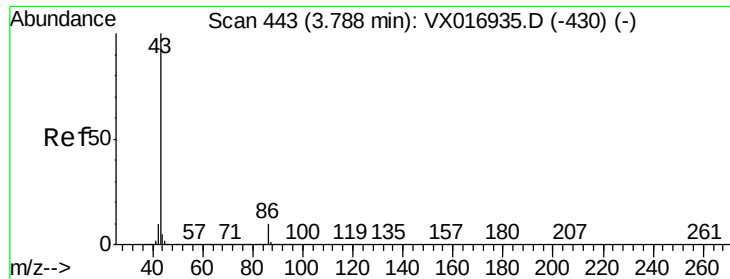
Ion 45.00 (44.70 to 45.70): VX0

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





#23

Vinyl Acetate

Concen: 20.325 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

Instrument :

MSVOA_X

ClientSampleId :

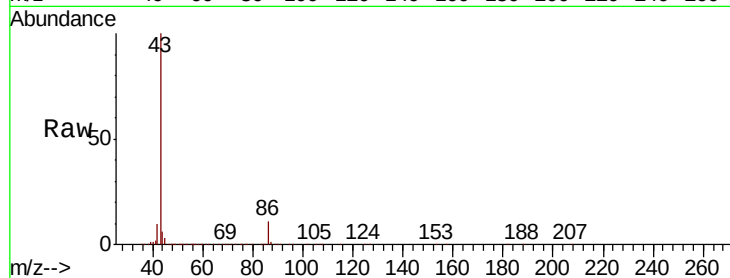
VSTDIC005

Tot Ion: 43 Resp: 131965

Ion Ratio Lower Upper

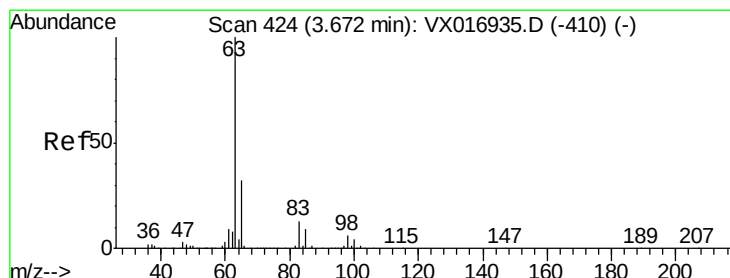
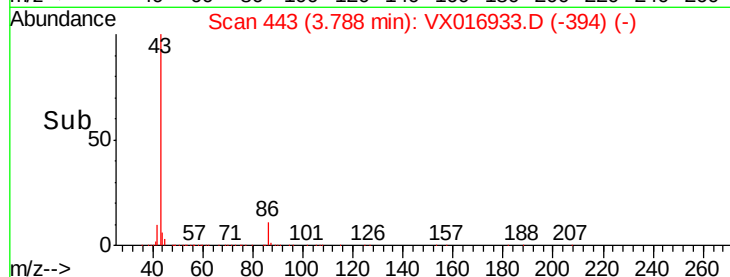
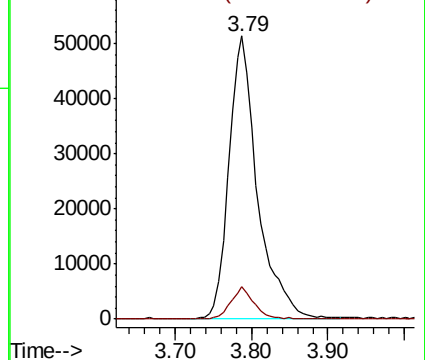
43 100

86 11.3 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 4.755 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

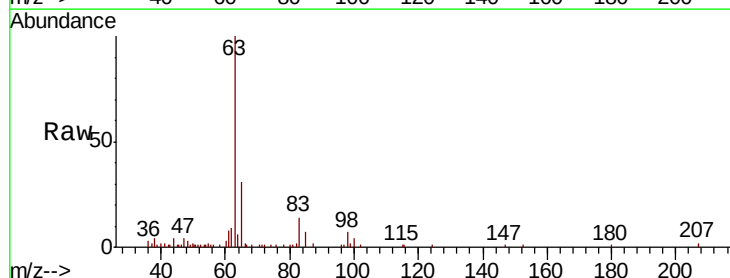
Tgt Ion: 63 Resp: 22011

Ion Ratio Lower Upper

63 100

98 7.5 3.1 9.3

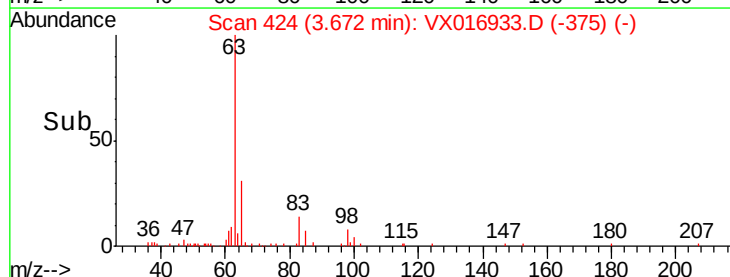
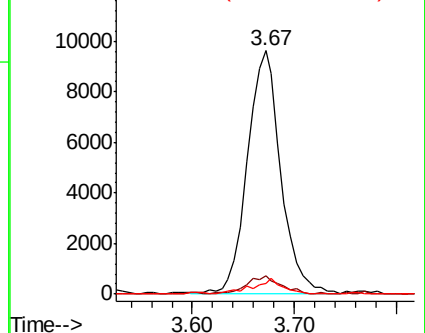
100 4.3 2.2 6.6

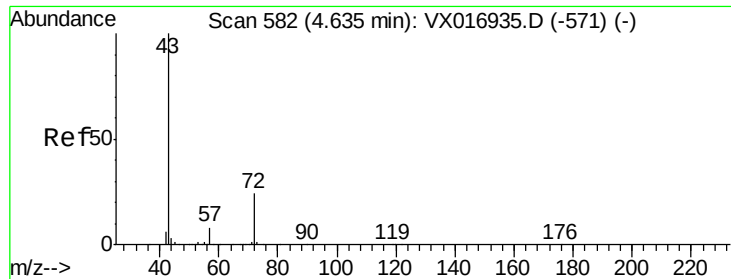


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

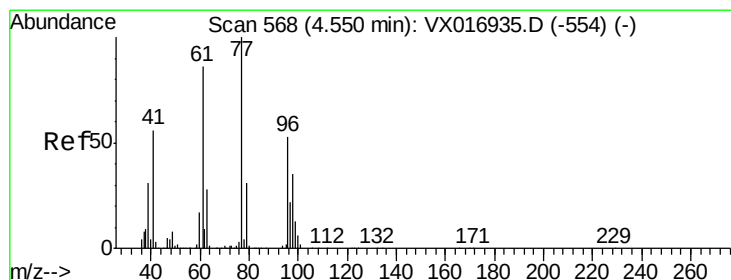
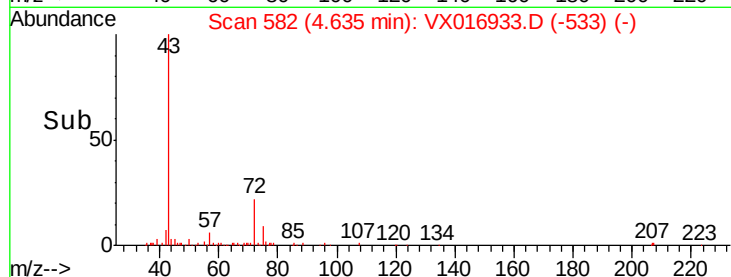
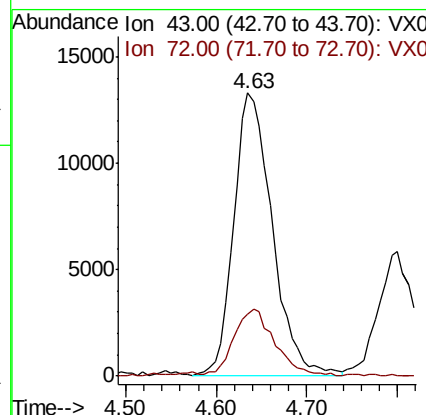
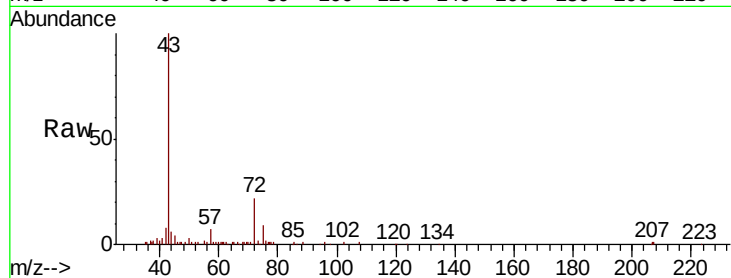




#25
 2-Butanone
 Concen: 21.115 ug/l
 RT: 4.63 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: VX016933.D
 Acq: 23 Jun 2020 16:31

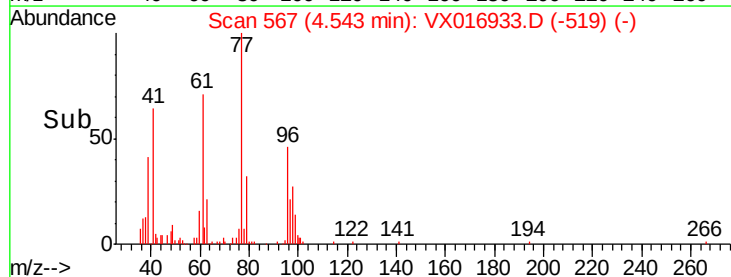
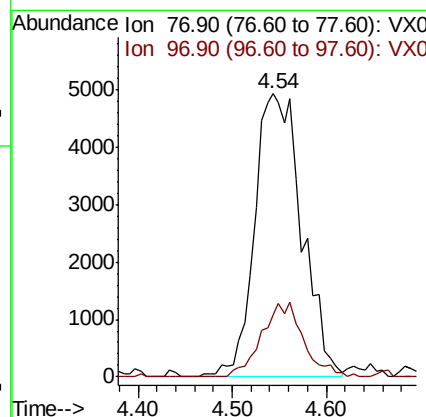
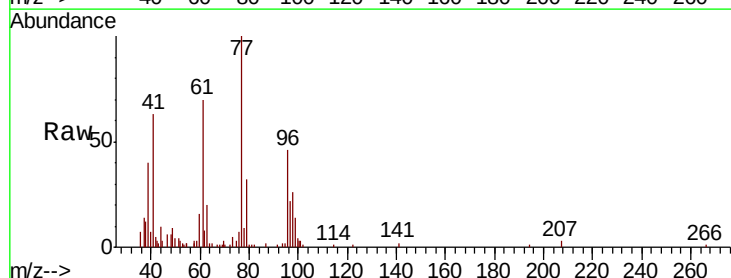
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

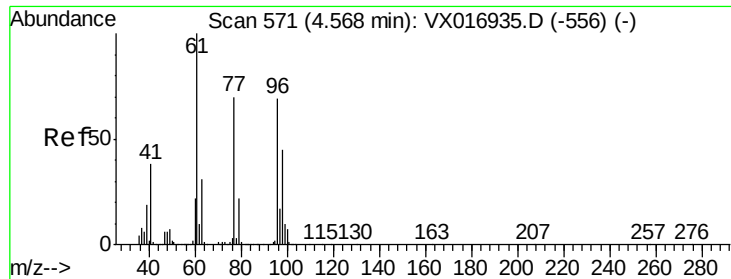
Tot Ion: 43 Resp: 39297
 Ion Ratio Lower Upper
 43 100
 72 21.7 19.6 29.4



#26
 2,2-Dichloropropane
 Concen: 4.246 ug/l
 RT: 4.54 min Scan# 567
 Delta R.T. -0.01 min
 Lab File: VX016933.D
 Acq: 23 Jun 2020 16:31

Tgt Ion: 77 Resp: 17281
 Ion Ratio Lower Upper
 77 100
 97 23.2 10.9 32.9



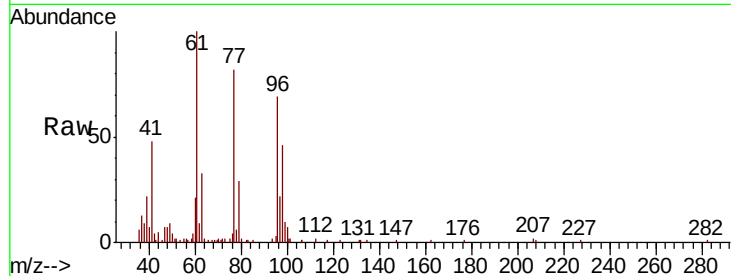


#27

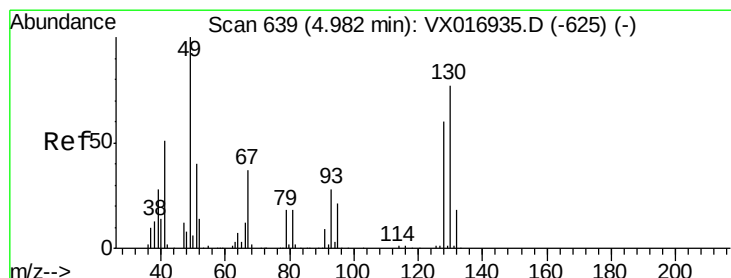
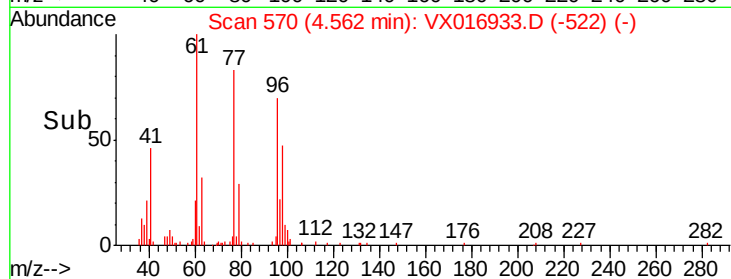
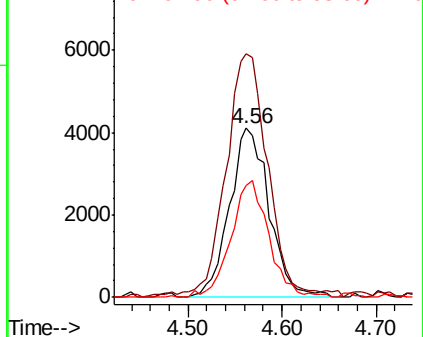
cis-1,2-Dichloroethene
Concen: 4.310 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016933.D
Acq: 23 Jun 2020 16:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	96	Resp	12073
Ion	Ratio	Lower	Upper
96	100		
61	148.8	0.0	312.2
98	65.9	0.0	130.6



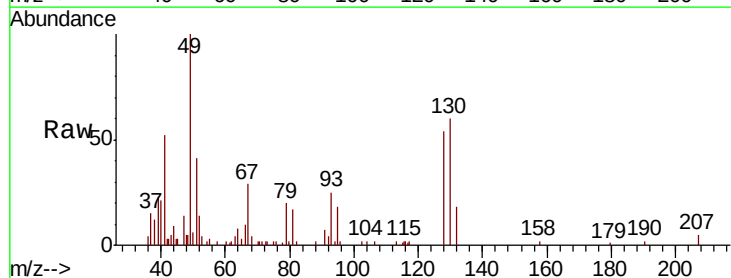
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



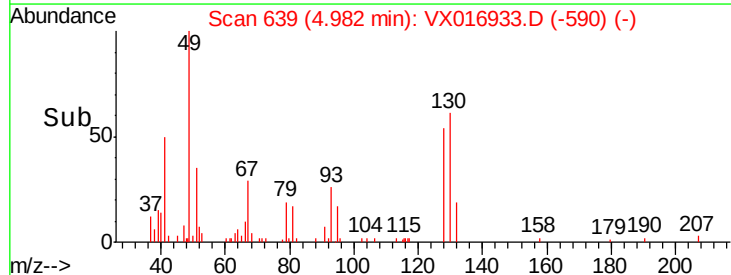
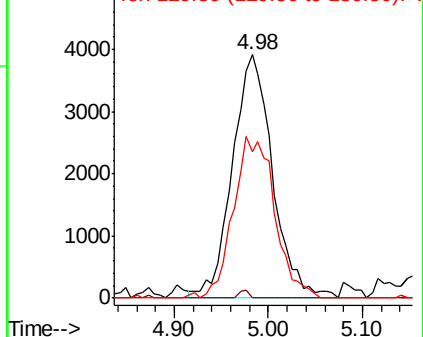
#28

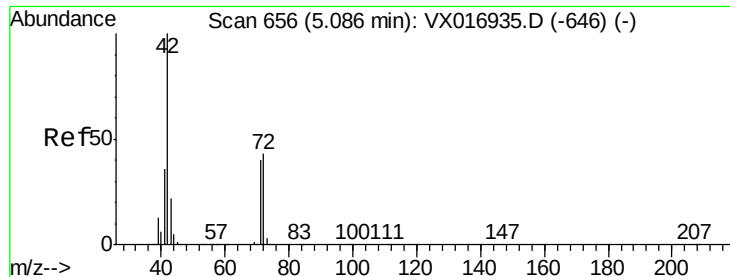
Bromochloromethane
Concen: 4.860 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX016933.D
Acq: 23 Jun 2020 16:31

Tgt Ion	49	Resp	11685
Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	4.0
130	67.9	58.7	88.1



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





#29

Tetrahydrofuran

Concen: 25.776 ug/l

RT: 5.10 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

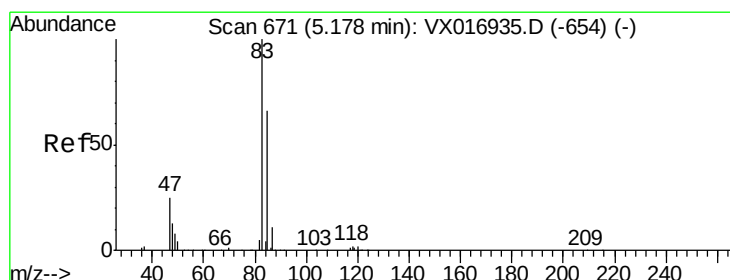
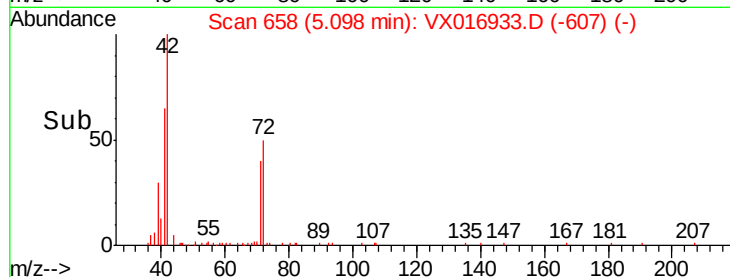
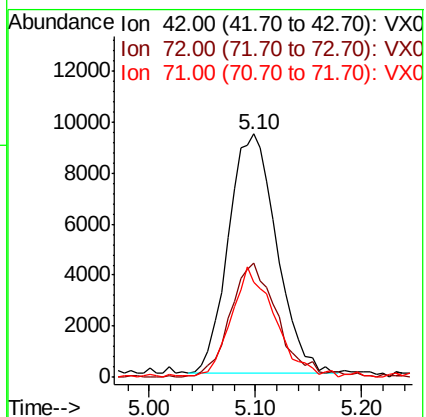
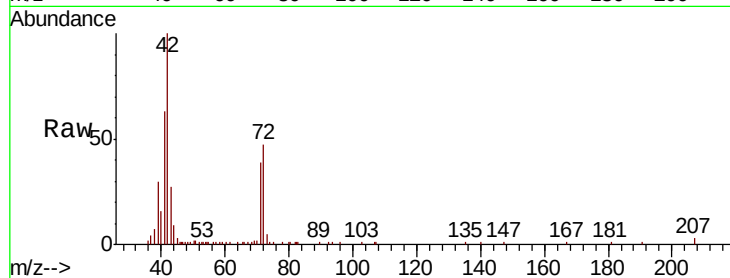
Tot Ion: 42 Resp: 29453

Ion Ratio Lower Upper

42 100

72 46.7 34.9 52.3

71 42.6 32.2 48.4



#30

Chloroform

Concen: 4.874 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX016933.D

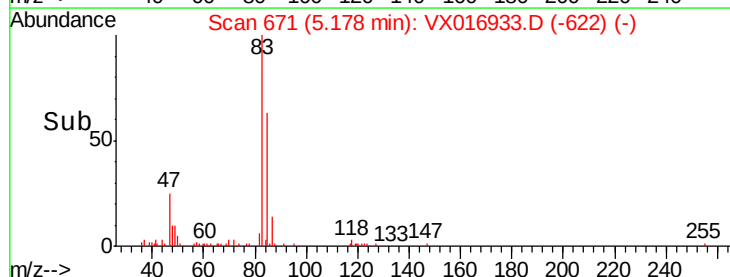
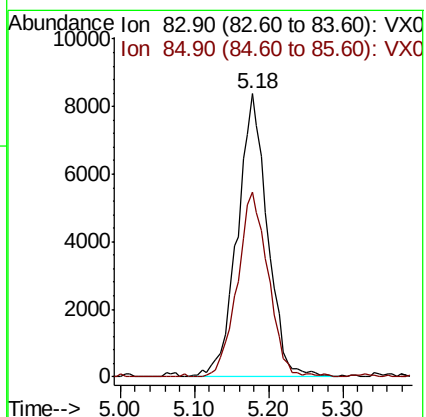
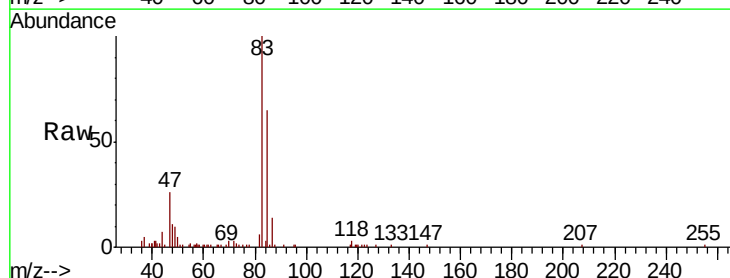
Acq: 23 Jun 2020 16:31

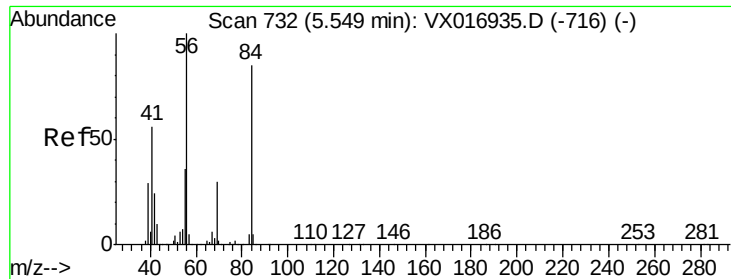
Tgt Ion: 83 Resp: 23772

Ion Ratio Lower Upper

83 100

85 65.4 52.8 79.2





#31

Cyclohexane

Concen: 5.195 ug/l

RT: 5.54 min Scan# 730

Delta R.T. -0.01 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

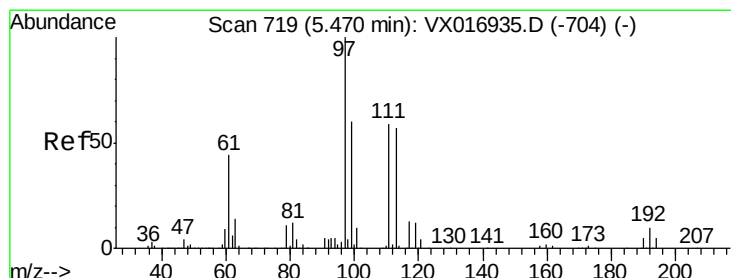
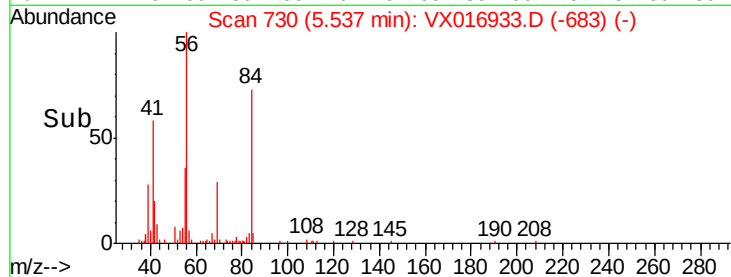
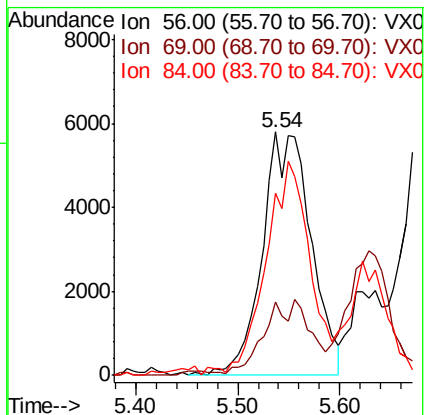
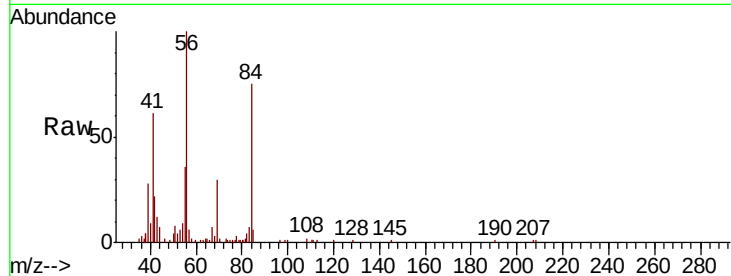
Tot Ion: 56 Resp: 19161

Ion Ratio Lower Upper

56 100

69 28.2 24.4 36.6

84 72.8 67.0 100.6



#32

1,1,1-Trichloroethane

Concen: 4.847 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

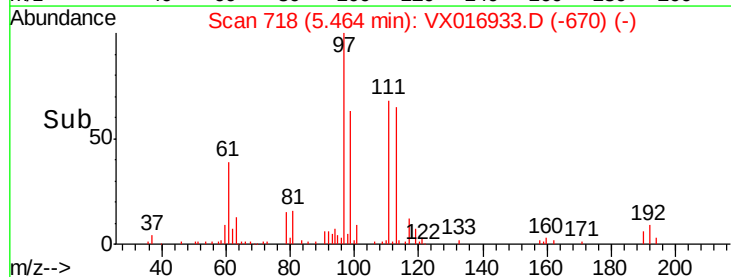
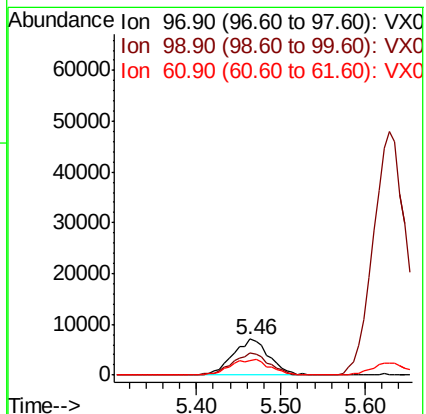
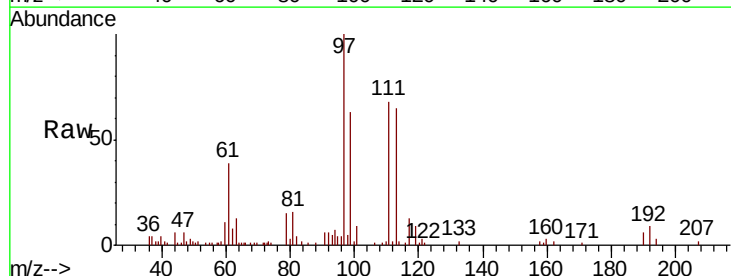
Tgt Ion: 97 Resp: 20724

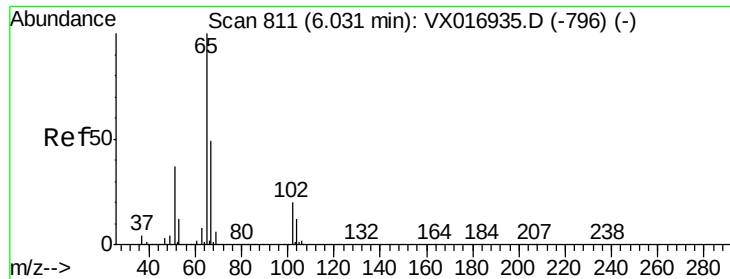
Ion Ratio Lower Upper

97 100

99 62.0 50.6 76.0

61 47.1 36.1 54.1

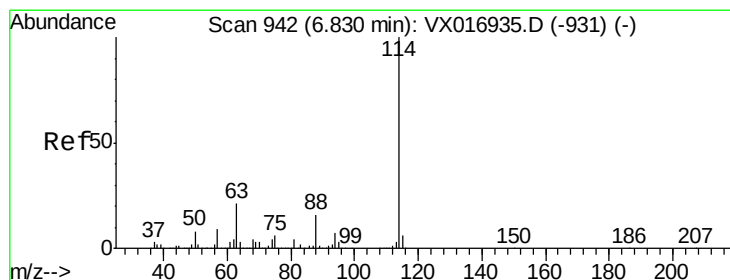
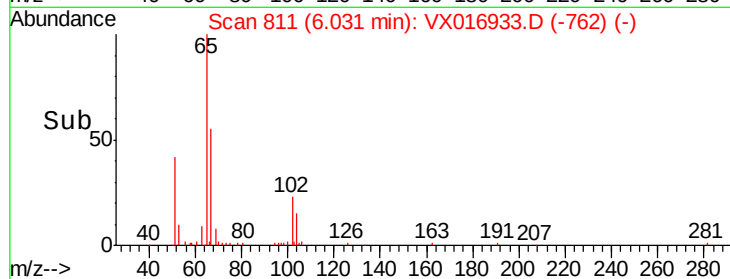
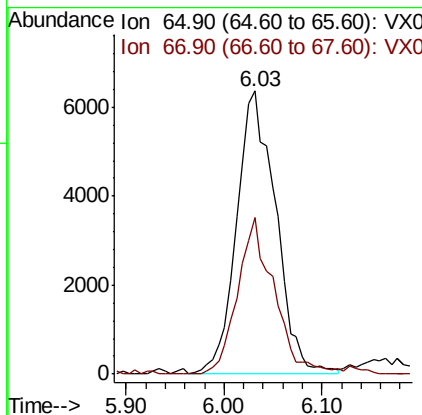
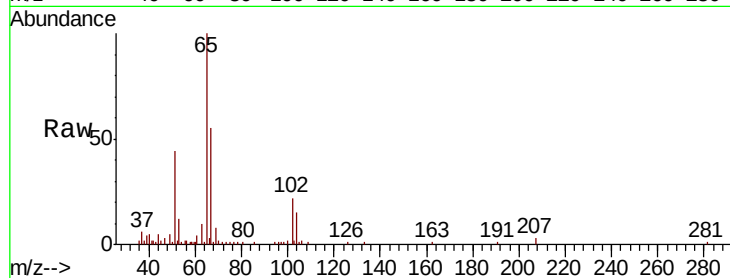




#33
 1,2-Dichloroethane-d4
 Concen: 5.696 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016933.D
 Acq: 23 Jun 2020 16:31

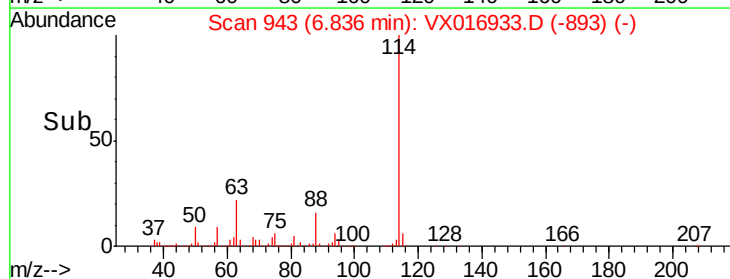
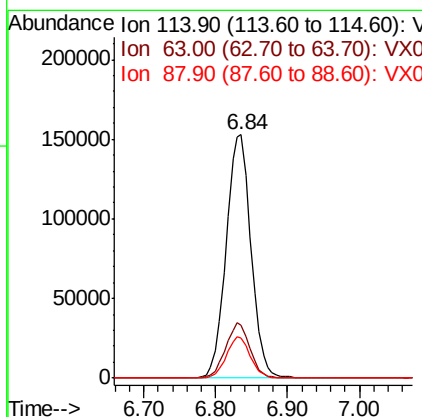
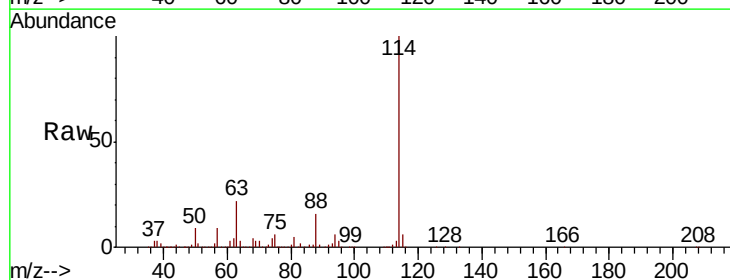
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

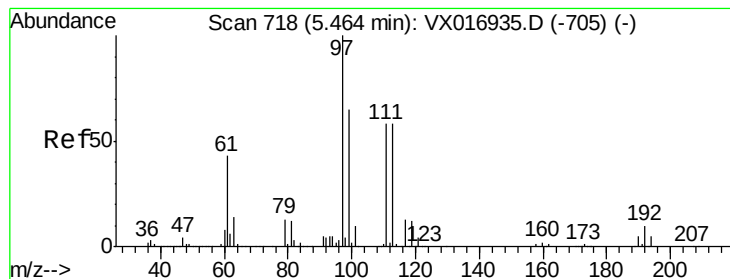
Tot Ion: 65 Resp: 17698
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016933.D
 Acq: 23 Jun 2020 16:31

Tgt Ion: 114 Resp: 367205
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 41.4
 88 16.5 0.0 32.4





#35

Dibromofluoromethane

Concen: 5.199 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

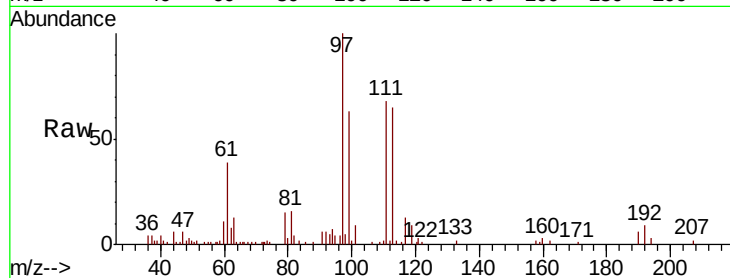
Tot Ion:113 Resp: 13064

Ion Ratio Lower Upper

113 100

111 102.3 83.4 125.0

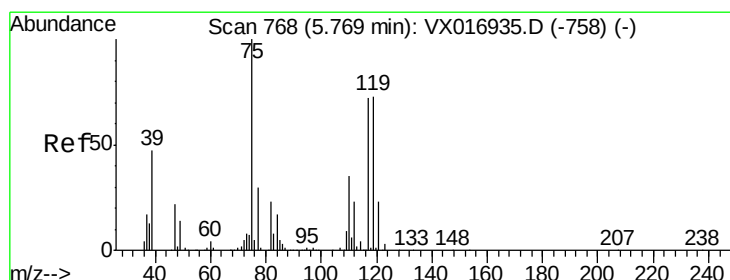
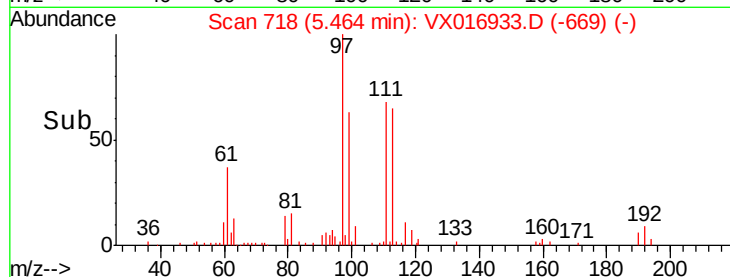
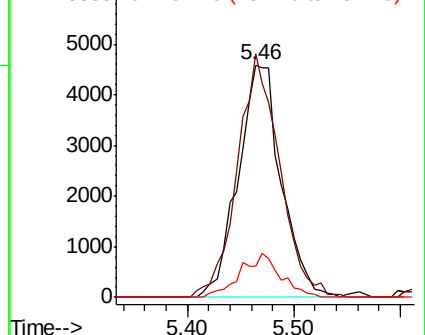
192 17.4 14.6 22.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.855 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

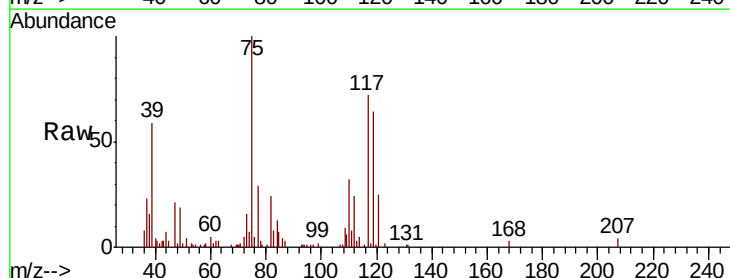
Tgt Ion: 75 Resp: 17001

Ion Ratio Lower Upper

75 100

110 36.4 17.1 51.3

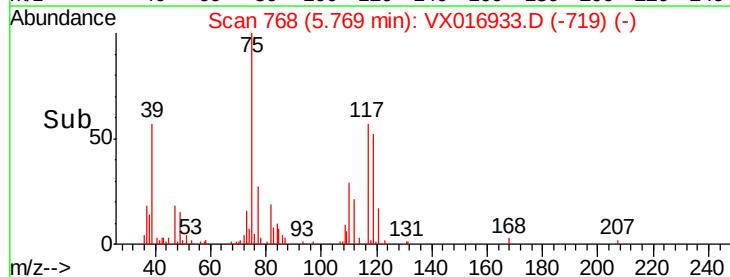
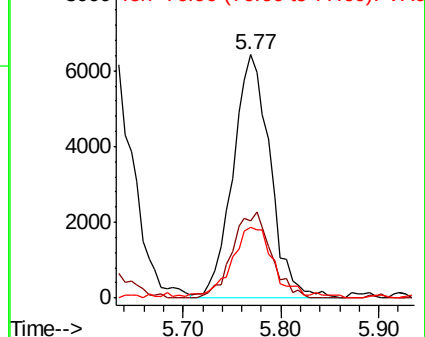
77 32.6 24.9 37.3

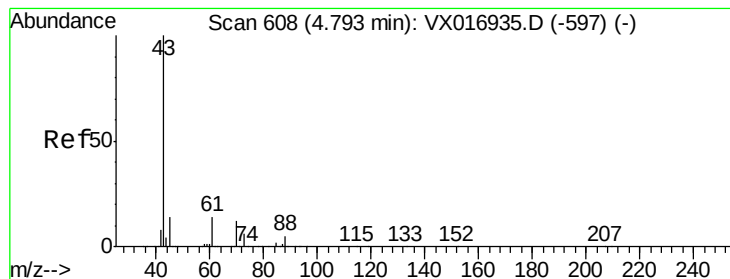


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 4.157 ug/l

RT: 4.80 min Scan# 609

Delta R.T. 0.01 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

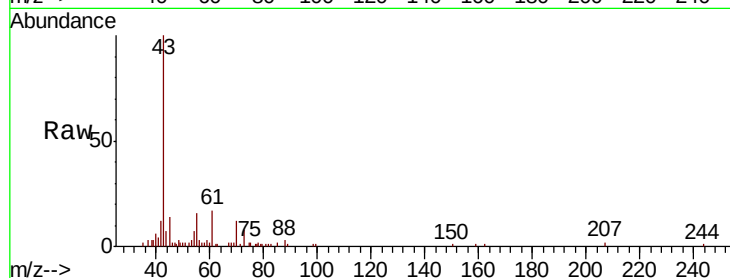
Tot Ion: 43 Resp: 15993

Ion Ratio Lower Upper

43 100

61 18.3 11.0 16.4#

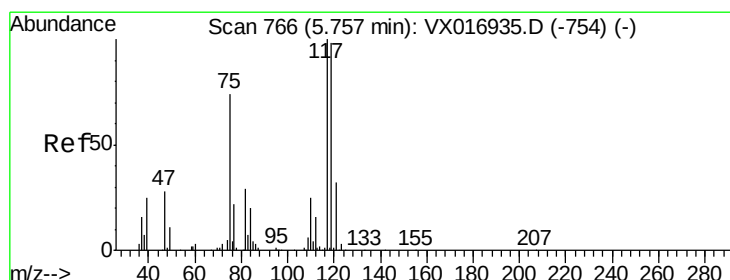
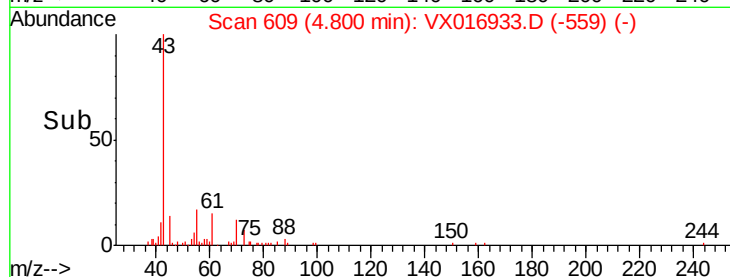
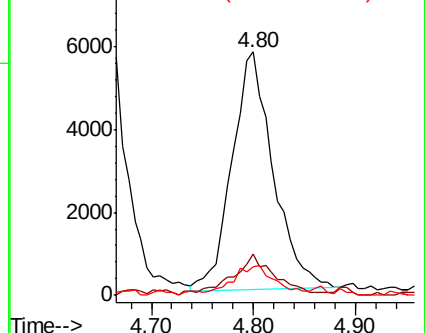
70 13.9 8.9 13.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 4.717 ug/l

RT: 5.76 min Scan# 766

Delta R.T. 0.00 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

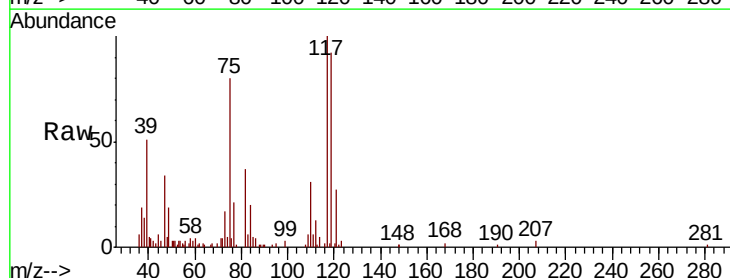
Tgt Ion: 117 Resp: 17663

Ion Ratio Lower Upper

117 100

119 92.4 78.2 117.2

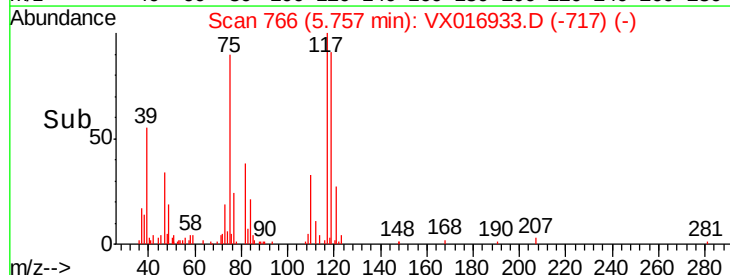
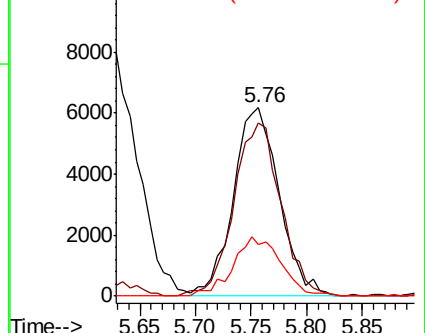
121 27.3 25.0 37.6

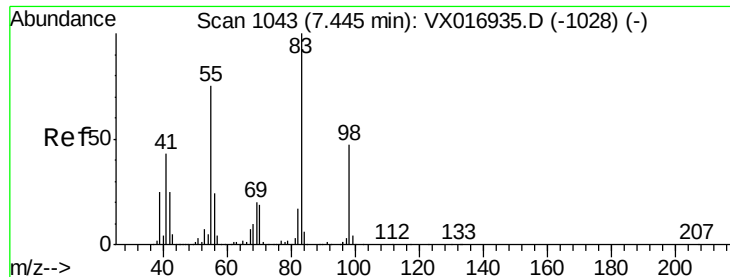


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

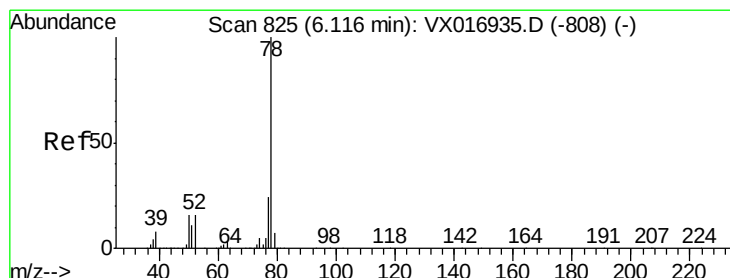
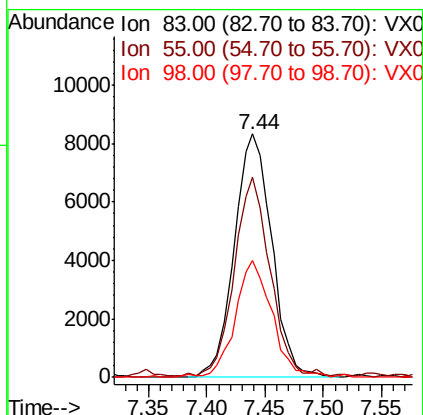
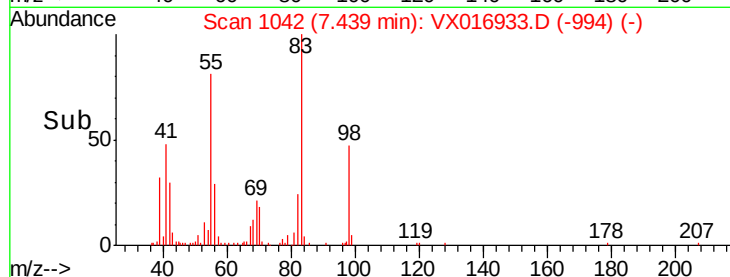
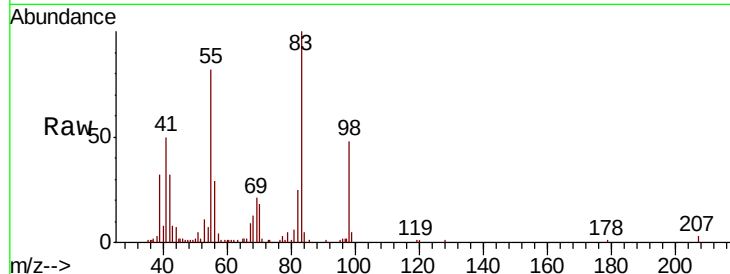




#39
Methylvlcyclohexane
Concen: 4.835 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX016933.D
Acq: 23 Jun 2020 16:31

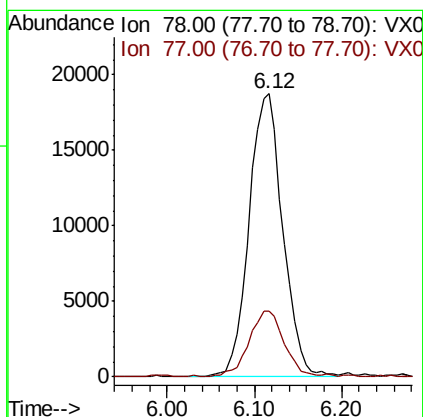
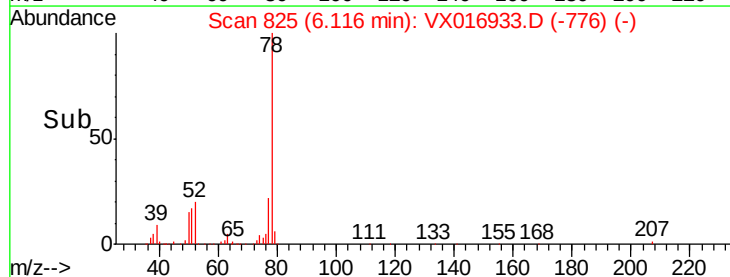
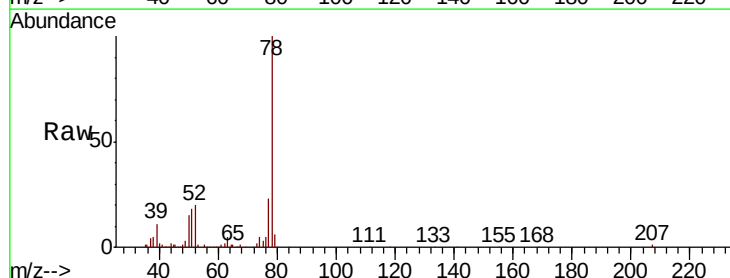
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

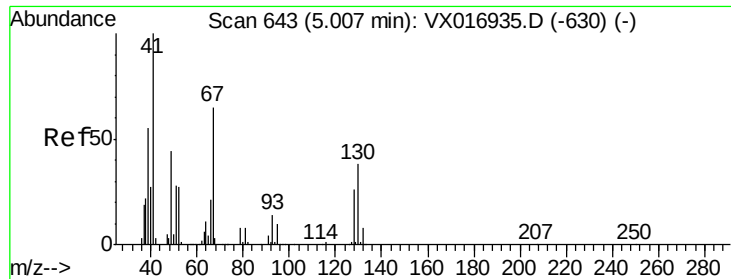
Tot Ion: 83 Resp: 18661
Ion Ratio Lower Upper
83 100
55 80.8 59.9 89.9
98 46.8 37.3 55.9



#40
Benzene
Concen: 5.011 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX016933.D
Acq: 23 Jun 2020 16:31

Tgt Ion: 78 Resp: 50281
Ion Ratio Lower Upper
78 100
77 22.8 19.1 28.7

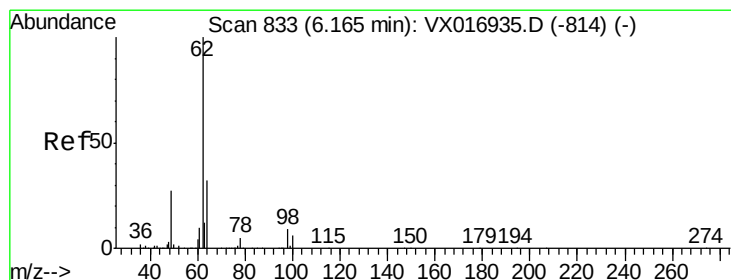
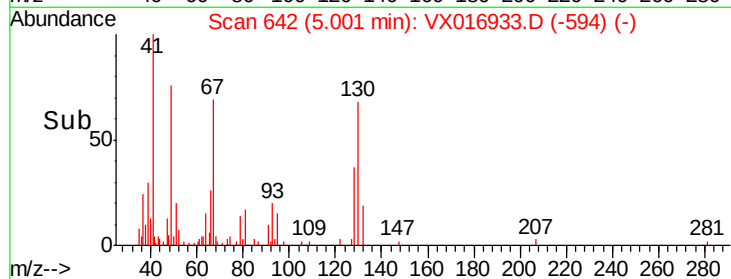
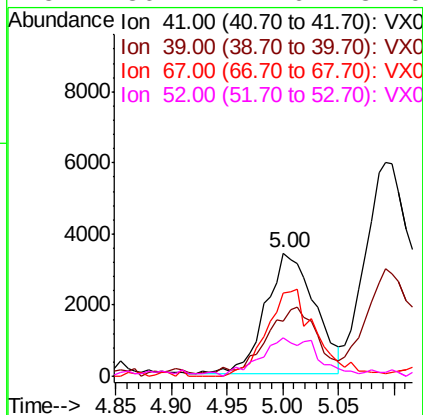
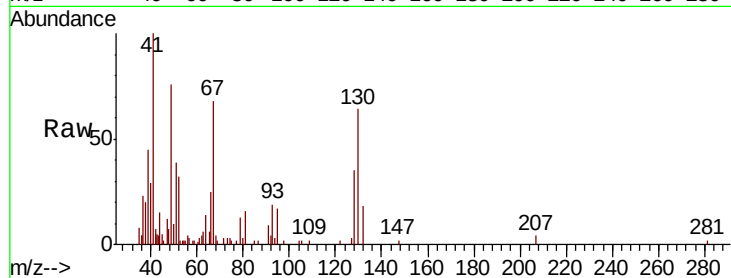




#41
Methacrylonitrile
Concen: 4.655 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016933.D
Acq: 23 Jun 2020 16:31

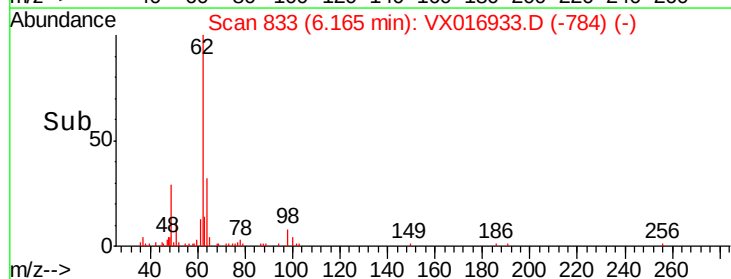
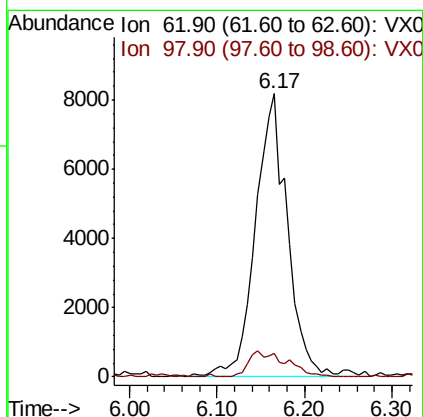
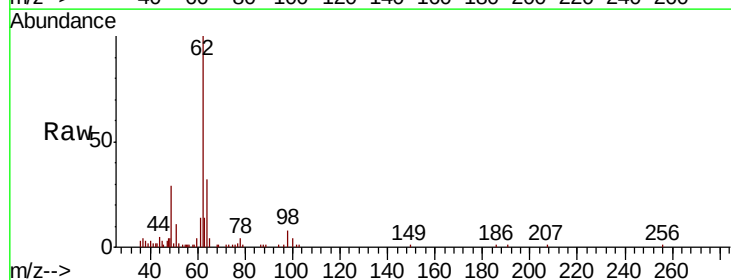
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

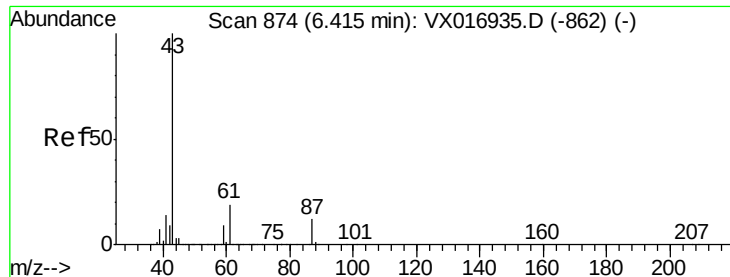
Tot Ion: 41 Resp: 10434
Ion Ratio Lower Upper
41 100
39 58.1 44.2 66.2
67 72.4 55.1 82.7
52 36.2 22.6 34.0#



#42
1,2-Dichloroethane
Concen: 5.056 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX016933.D
Acq: 23 Jun 2020 16:31

Tgt Ion: 62 Resp: 20821
Ion Ratio Lower Upper
62 100
98 11.0 0.0 17.0





#43

Isopropyl Acetate

Concen: 4.990 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

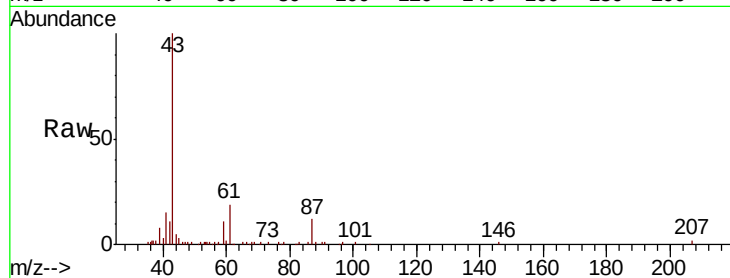
Tot Ion: 43 Resp: 33454

Ion Ratio Lower Upper

43 100

61 20.8 15.4 23.0

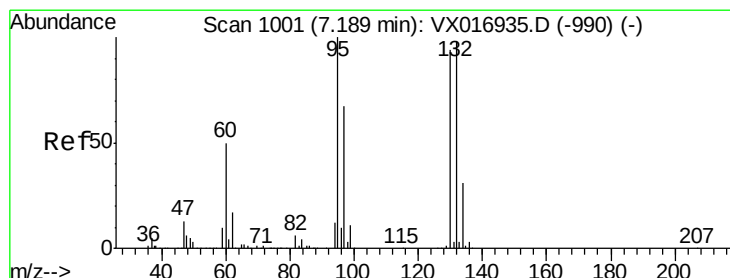
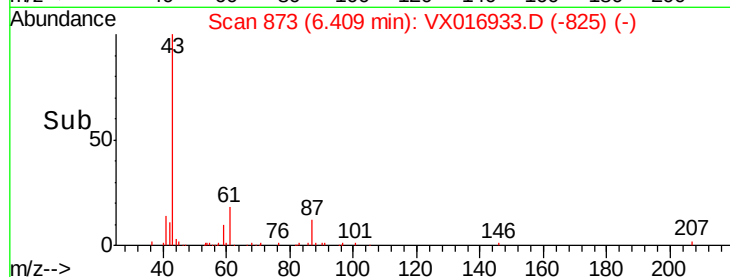
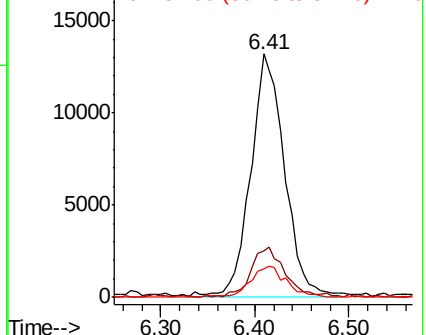
87 13.6 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 4.175 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX016933.D

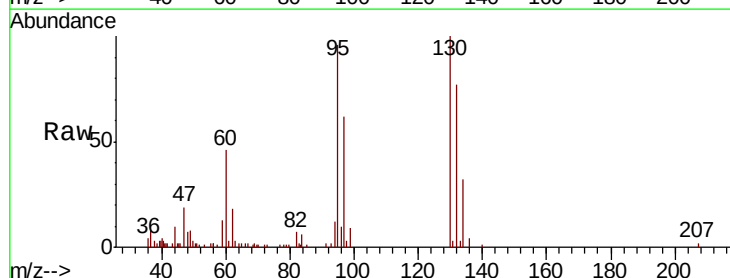
Acq: 23 Jun 2020 16:31

Tgt Ion:130 Resp: 11726

Ion Ratio Lower Upper

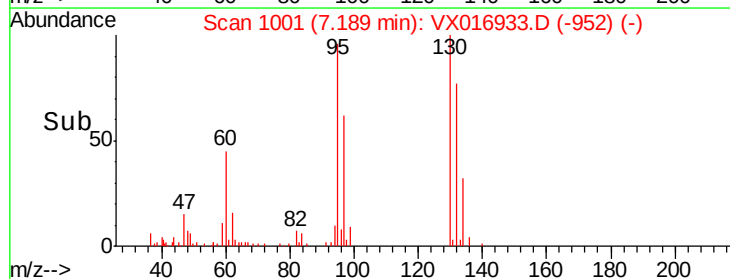
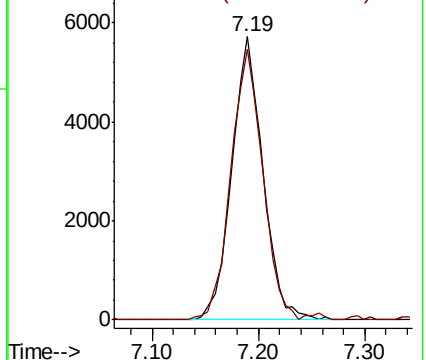
130 100

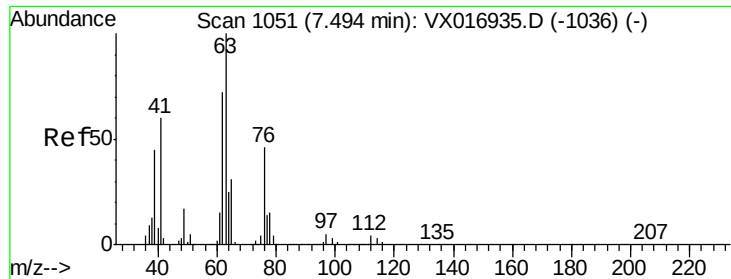
95 95.7 0.0 213.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

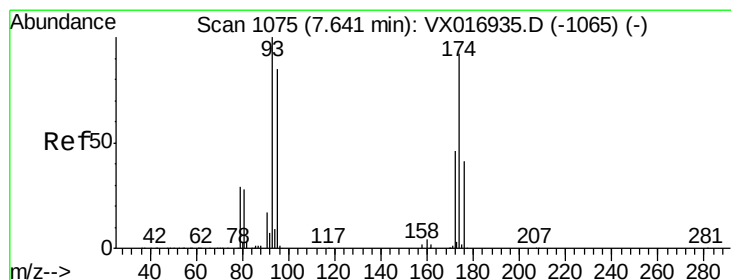
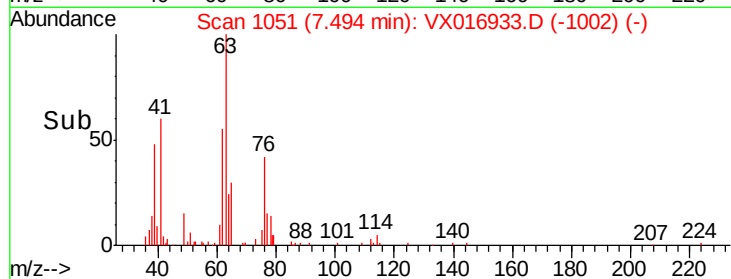
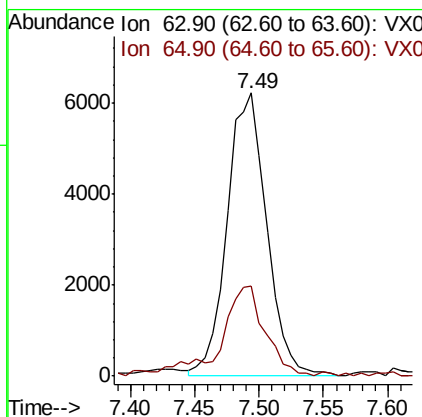
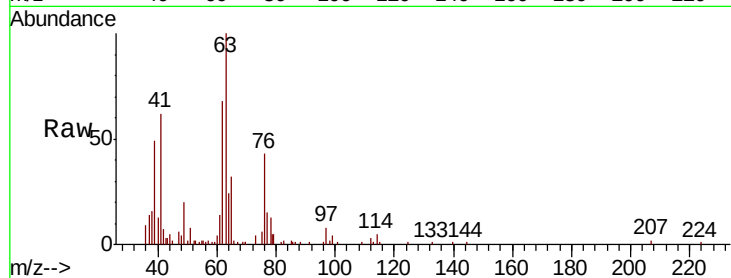




#45
 1,2-Dichloropropane
 Concen: 4.794 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VX016933.D
 Acq: 23 Jun 2020 16:31

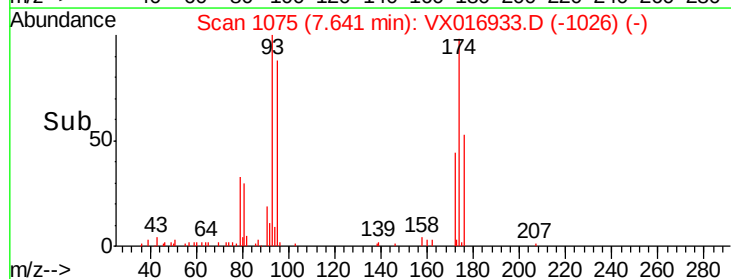
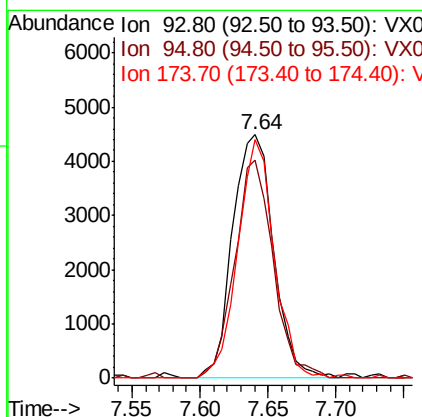
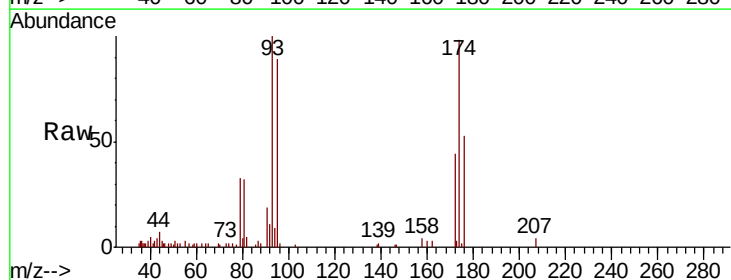
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

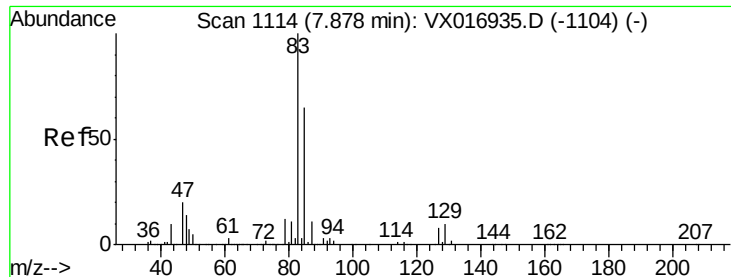
Tot Ion: 63 Resp: 13325
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.4 36.6



#46
 Dibromomethane
 Concen: 4.915 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX016933.D
 Acq: 23 Jun 2020 16:31

Tgt Ion: 93 Resp: 9443
 Ion Ratio Lower Upper
 93 100
 95 84.3 66.3 99.5
 174 87.1 71.1 106.7

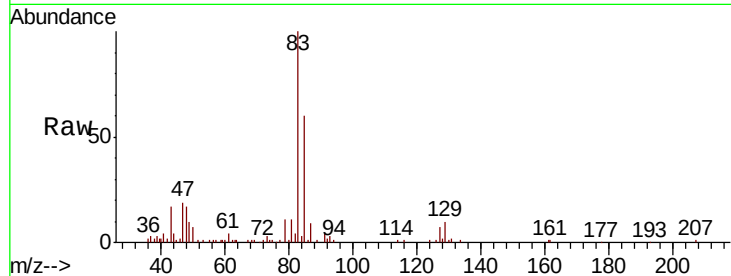




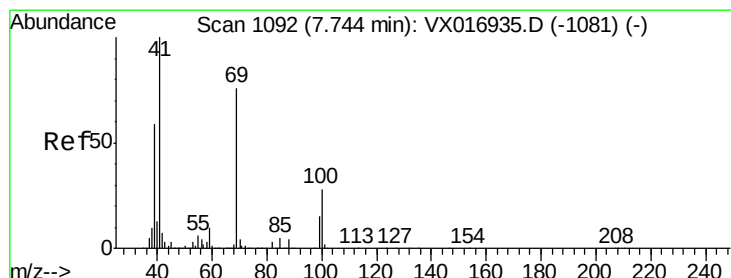
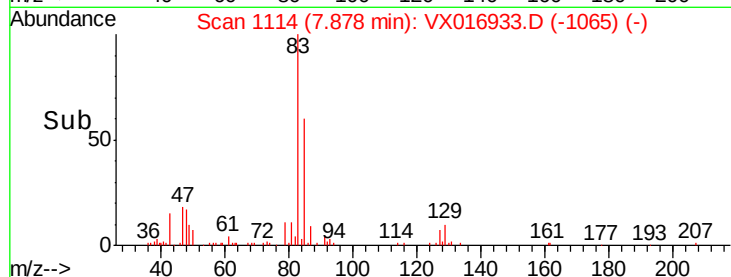
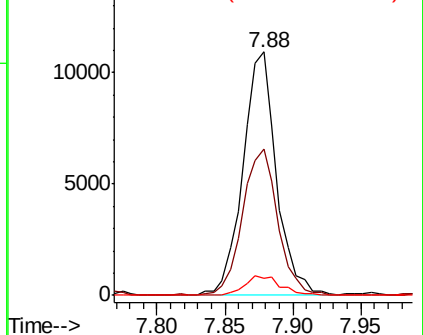
#47
 Bromodichloromethane
 Concen: 4.684 ug/l
 RT: 7.88 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: VX016933.D
 Acq: 23 Jun 2020 16:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion: 83 Resp: 18875
 Ion Ratio Lower Upper
 83 100
 85 60.3 52.4 78.6
 127 6.9 6.7 10.1

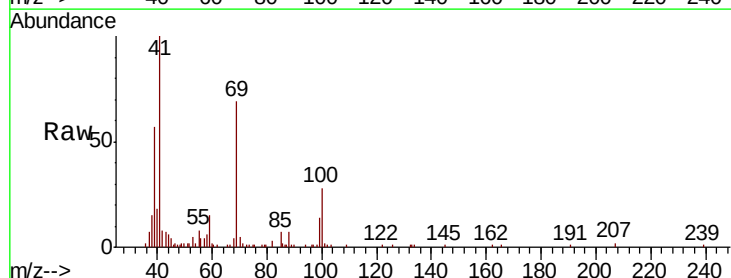


Abundance Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 126.80 (126.50 to 127.50): V

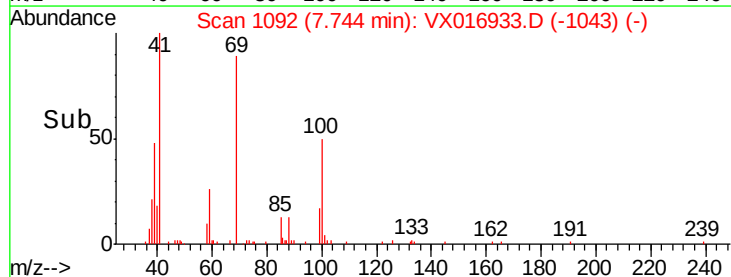
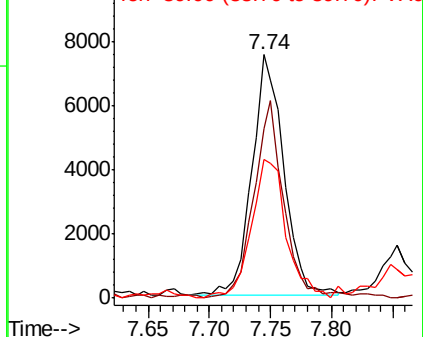


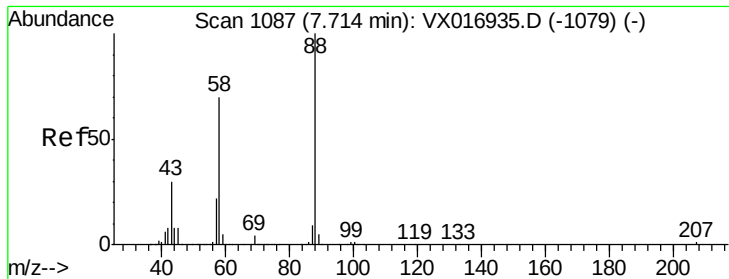
#48
 Methyl methacrylate
 Concen: 4.344 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. 0.00 min
 Lab File: VX016933.D
 Acq: 23 Jun 2020 16:31

Tgt Ion: 41 Resp: 13540
 Ion Ratio Lower Upper
 41 100
 69 77.9 62.5 93.7
 39 63.7 49.1 73.7



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

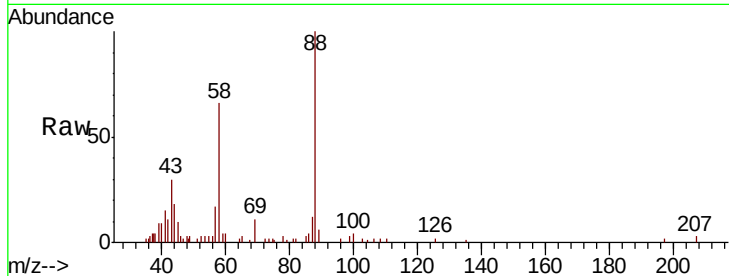




#49
1,4-Dioxane
Concen: 93.779 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX016933.D
Acq: 23 Jun 2020 16:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	88	Resp	6287
Ion	Ratio	Lower	Upper
88	100		
43	39.0	27.3	40.9
58	75.0	57.4	86.0

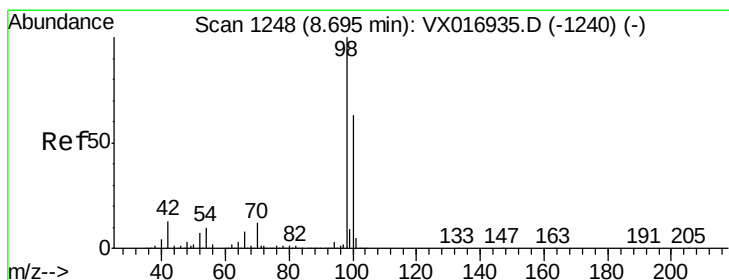
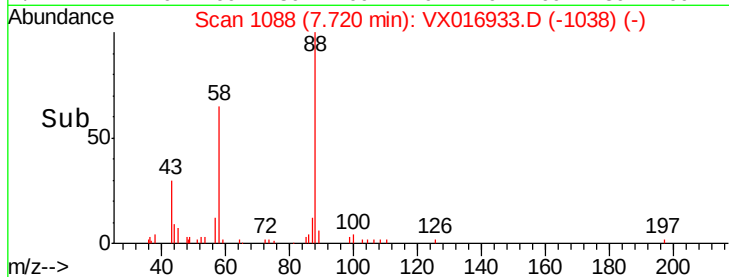
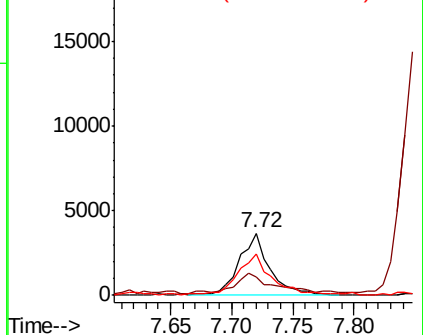


Abundance

Ion 88.00 (87.70 to 88.70): VX0

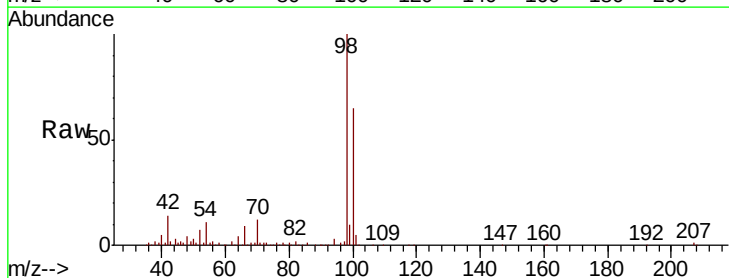
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 5.138 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016933.D
Acq: 23 Jun 2020 16:31

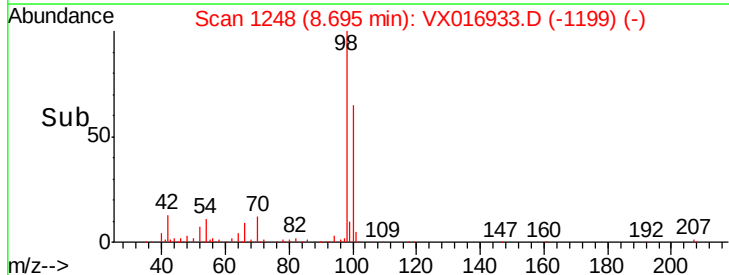
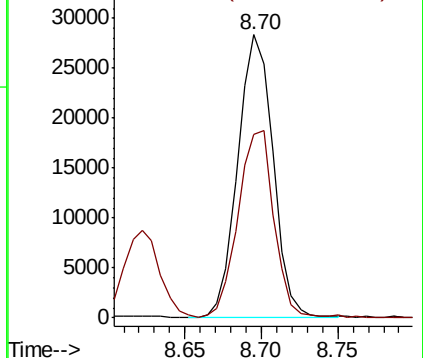
Tgt Ion	98	Resp	45545
Ion	Ratio	Lower	Upper
98	100		
100	67.0	52.3	78.5

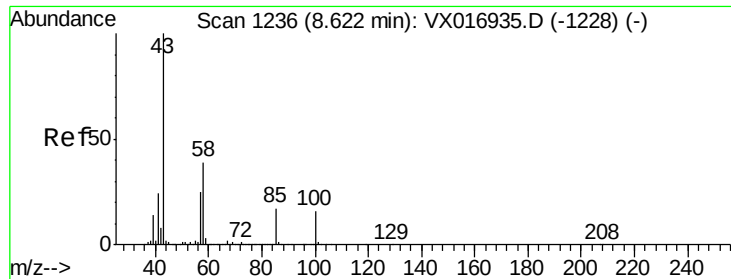


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

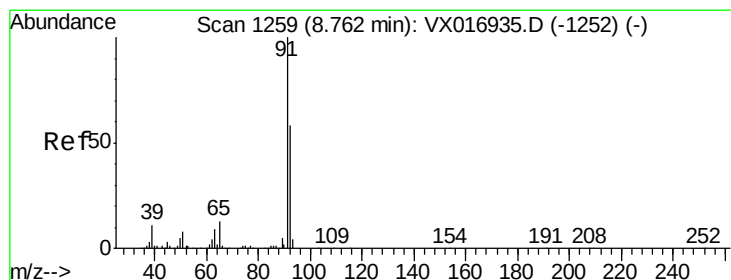
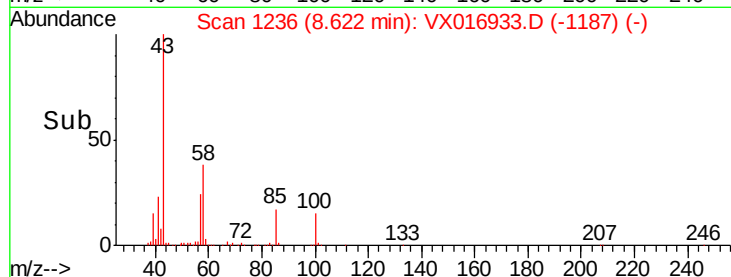
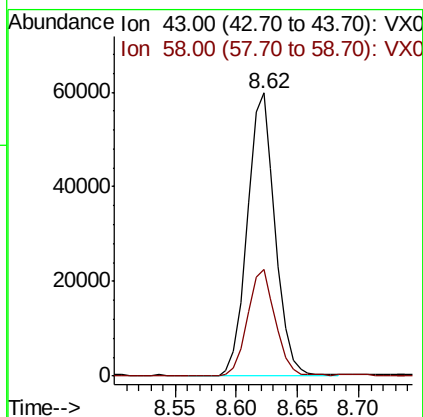
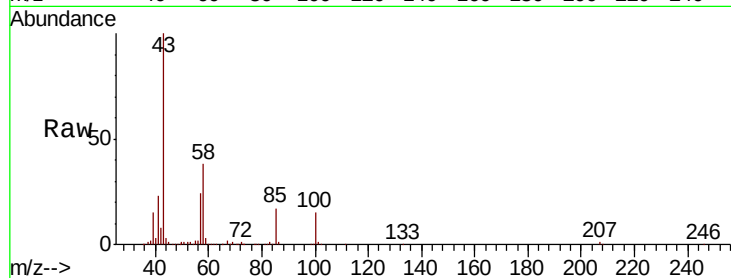




#51
 4-Methyl-2-Pentanone
 Concen: 24.045 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX016933.D
 Acq: 23 Jun 2020 16:31

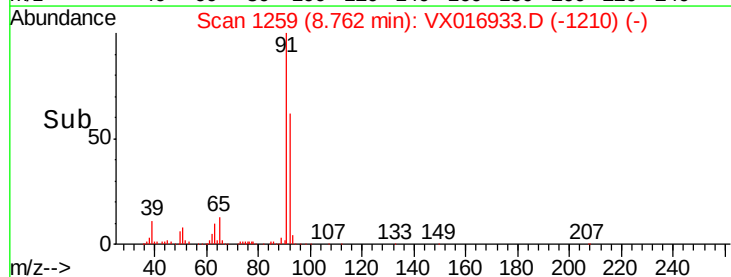
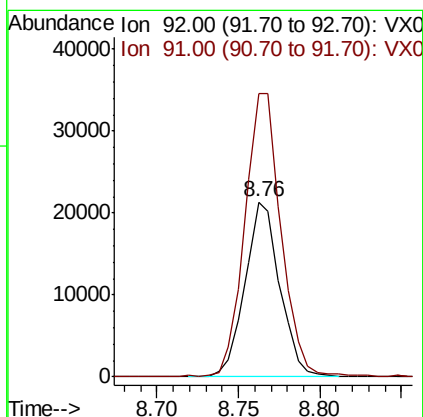
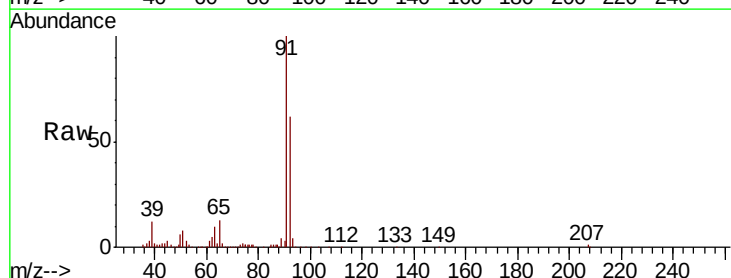
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

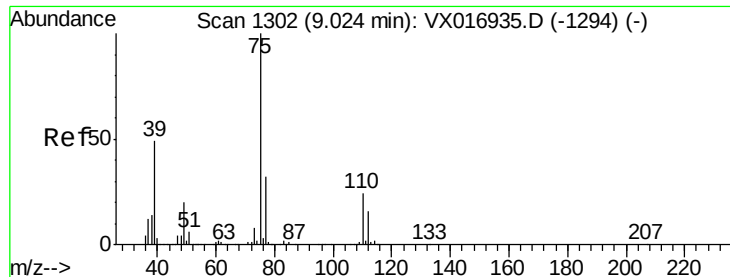
Tot Ion: 43 Resp: 93891
 Ion Ratio Lower Upper
 43 100
 58 38.3 30.6 46.0



#52
 Toluene
 Concen: 5.141 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VX016933.D
 Acq: 23 Jun 2020 16:31

Tgt Ion: 92 Resp: 31683
 Ion Ratio Lower Upper
 92 100
 91 170.6 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 4.666 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

Instrument :

MSVOA_X

ClientSampleId :

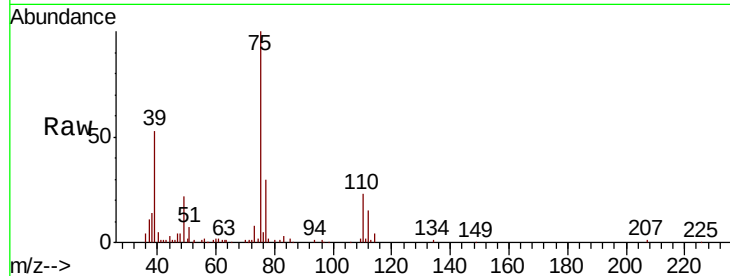
VSTDIC005

Tot Ion: 75 Resp: 21641

Ion Ratio Lower Upper

75 100

77 30.4 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

15000

9.02

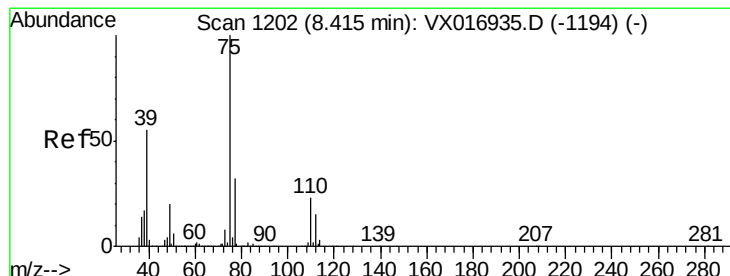
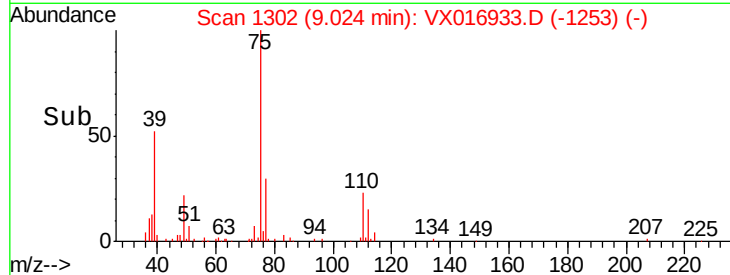
10000

5000

0

8.90 9.00 9.10

Time-->



#54

cis-1,3-Dichloropropene

Concen: 4.477 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

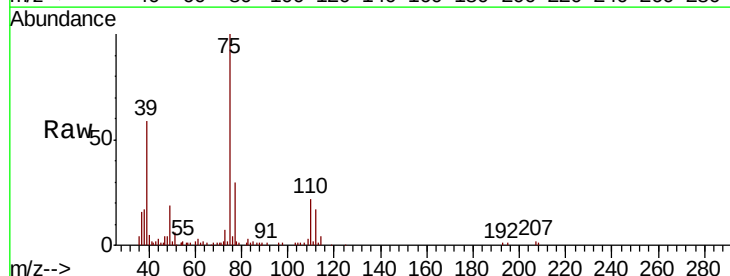
Tgt Ion: 75 Resp: 20037

Ion Ratio Lower Upper

75 100

77 29.8 25.5 38.3

39 57.8 44.4 66.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

15000

8.41

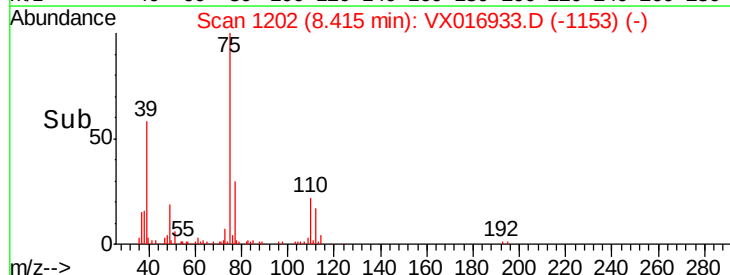
10000

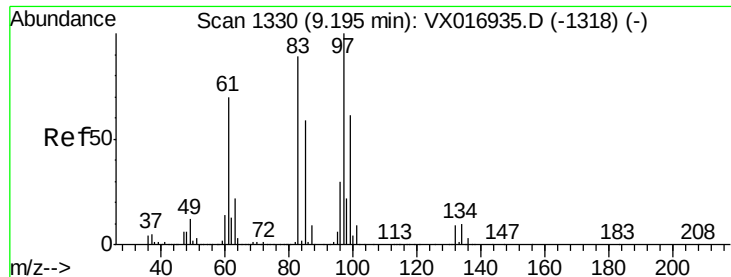
5000

0

8.30 8.35 8.40 8.45 8.50

Time-->

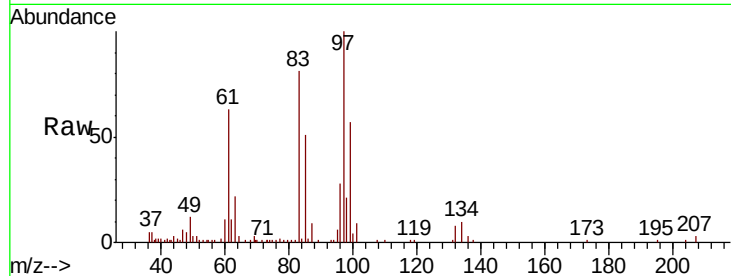




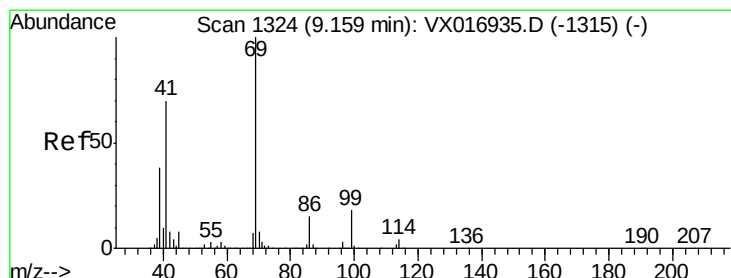
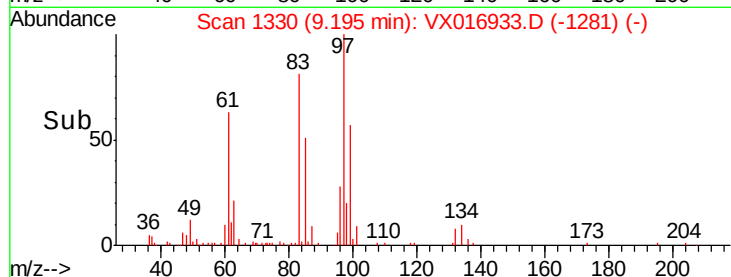
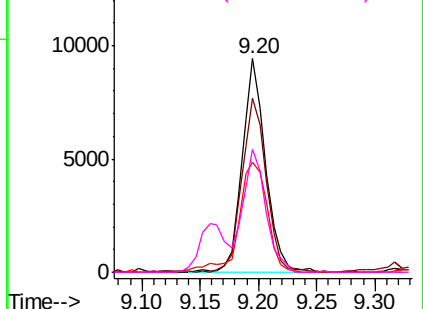
#55
 1,1,2-Trichloroethane
 Concen: 4.740 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016933.D
 Acq: 23 Jun 2020 16:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:	97	Resp:	13231
Ion	Ratio	Lower	Upper
97	100		
83	81.4	71.3	106.9
85	51.3	47.4	71.2
99	57.4	49.1	73.7

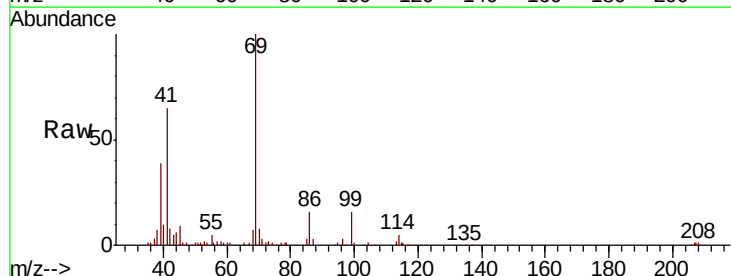


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

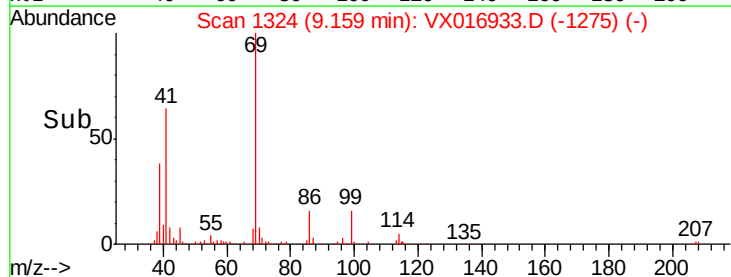
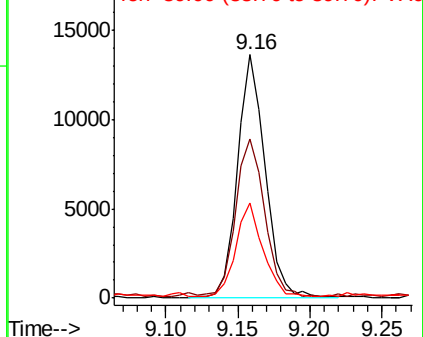


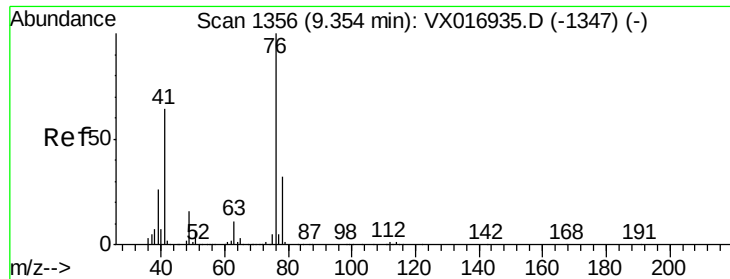
#56
 Ethyl methacrylate
 Concen: 4.237 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016933.D
 Acq: 23 Jun 2020 16:31

Tgt Ion:	69	Resp:	18319
Ion	Ratio	Lower	Upper
69	100		
41	67.3	56.6	84.8
39	37.6	31.8	47.8



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

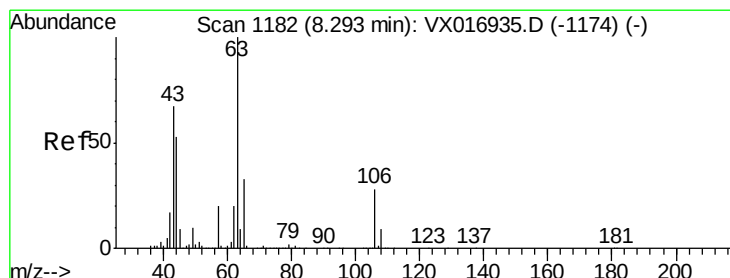
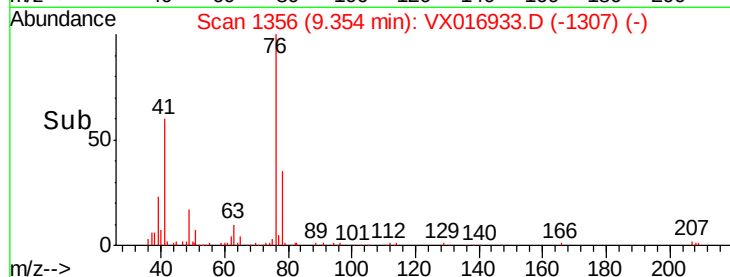
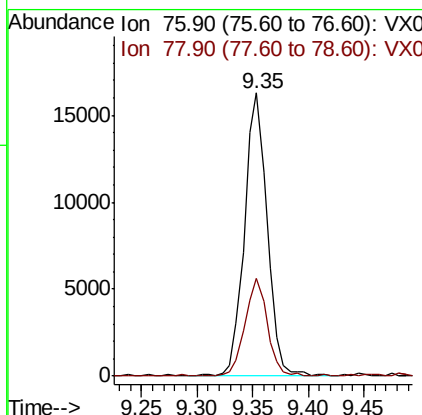
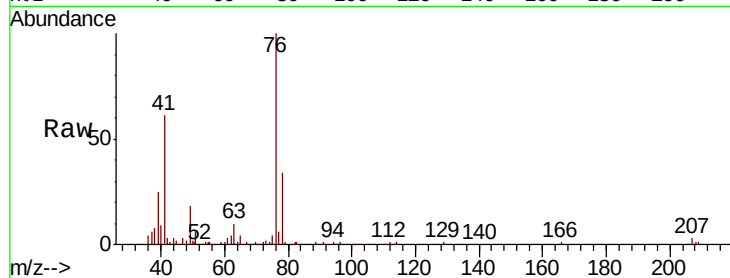




#57
 1,3-Dichloropropane
 Concen: 4.940 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX016933.D
 Acq: 23 Jun 2020 16:31

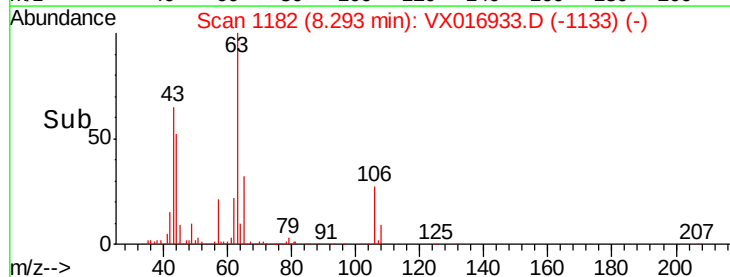
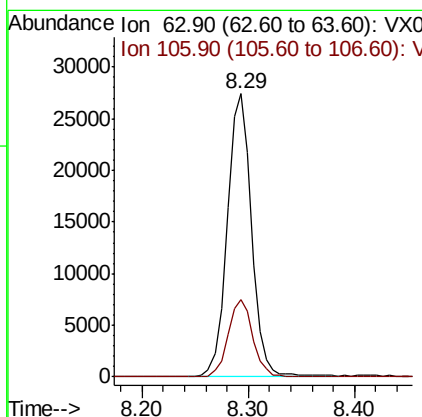
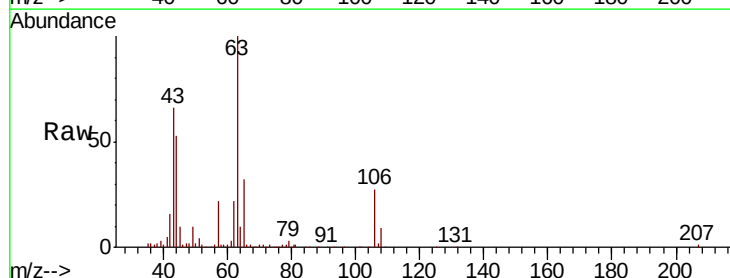
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

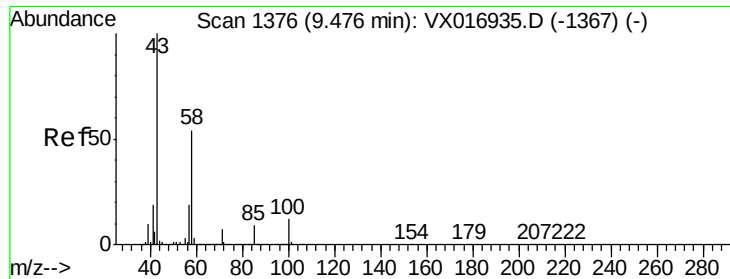
Tot Ion: 76 Resp: 23111
 Ion Ratio Lower Upper
 76 100
 78 33.9 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 24.841 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX016933.D
 Acq: 23 Jun 2020 16:31

Tgt Ion: 63 Resp: 43994
 Ion Ratio Lower Upper
 63 100
 106 27.6 22.4 33.6

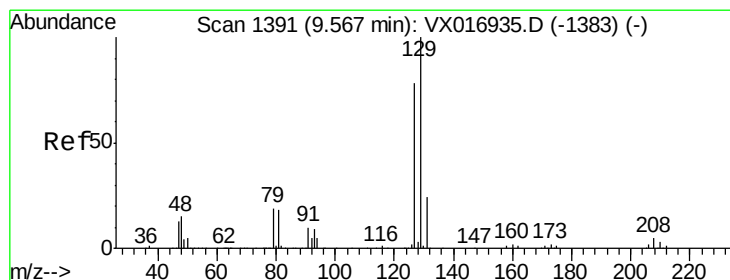
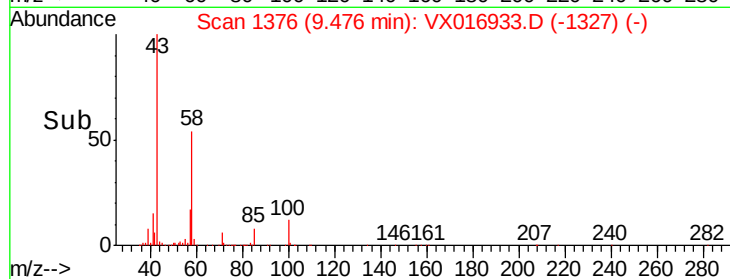
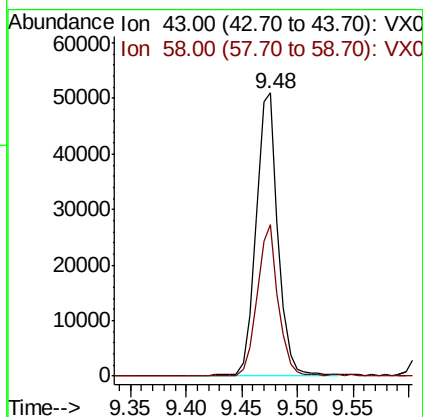
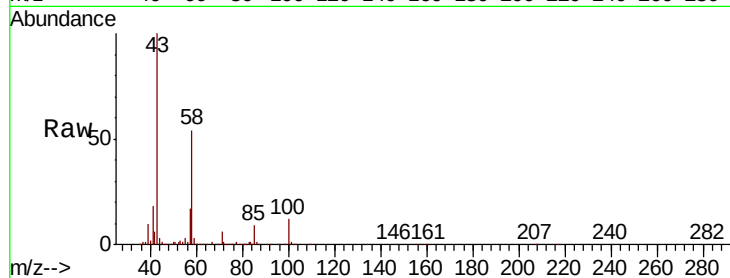




#59
2-Hexanone
Concen: 23.447 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX016933.D
Acq: 23 Jun 2020 16:31

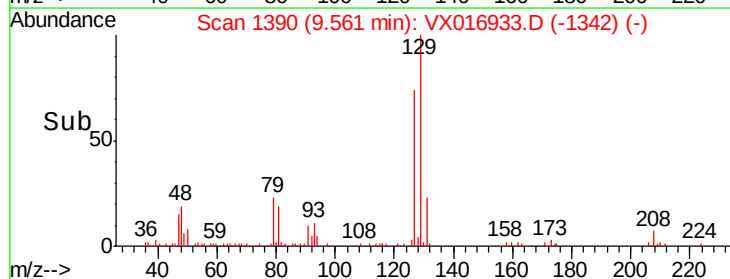
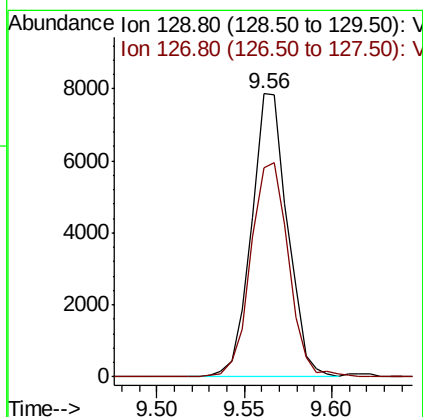
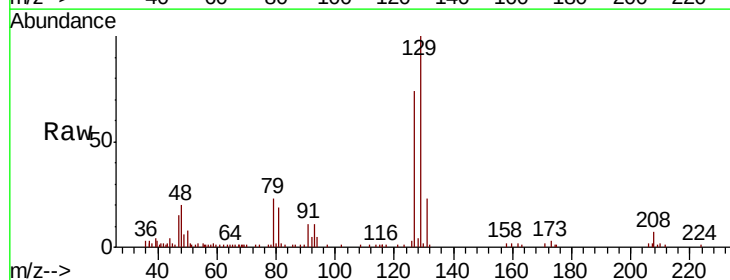
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

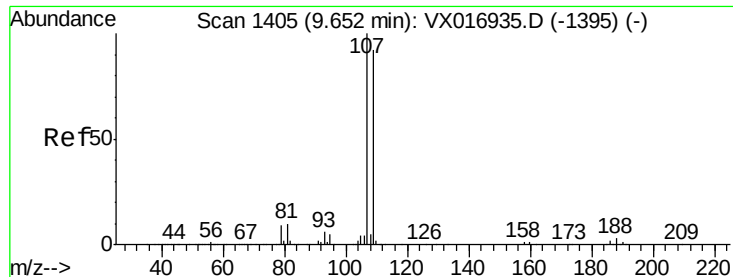
Tot Ion: 43 Resp: 70109
Ion Ratio Lower Upper
43 100
58 50.9 26.8 80.4



#60
Dibromochloromethane
Concen: 3.698 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX016933.D
Acq: 23 Jun 2020 16:31

Tgt Ion: 129 Resp: 11292
Ion Ratio Lower Upper
129 100
127 79.2 39.2 117.6





#61

1,2-Dibromoethane

Concen: 3.842 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

Instrument :

MSVOA_X

ClientSampleId :

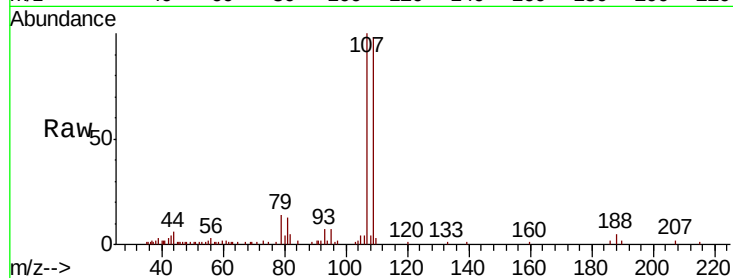
VSTDIC005

Tot Ion:107 Resp: 11041

Ion Ratio Lower Upper

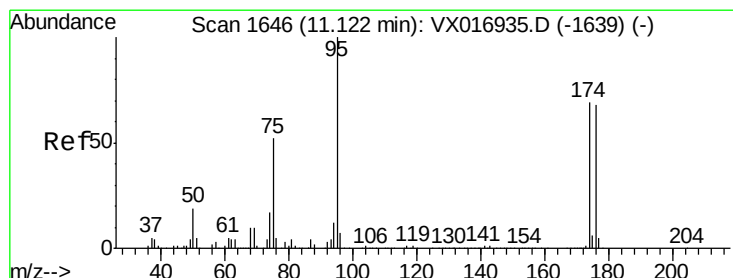
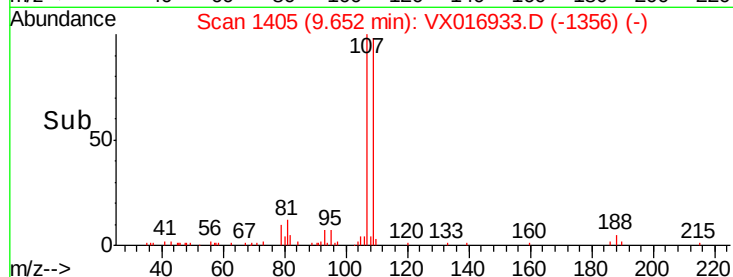
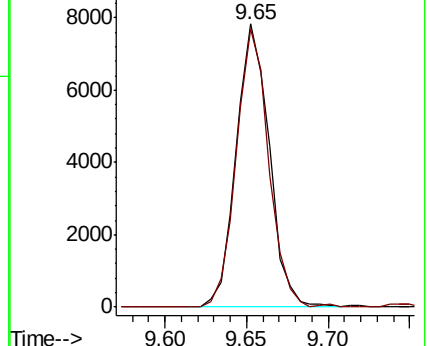
107 100

109 96.0 73.8 110.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 5.192 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

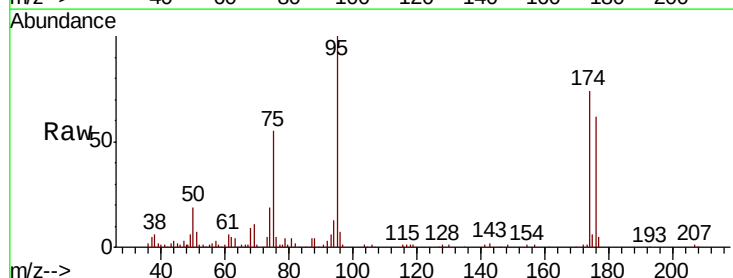
Tgt Ion: 95 Resp: 18533

Ion Ratio Lower Upper

95 100

174 72.6 0.0 138.0

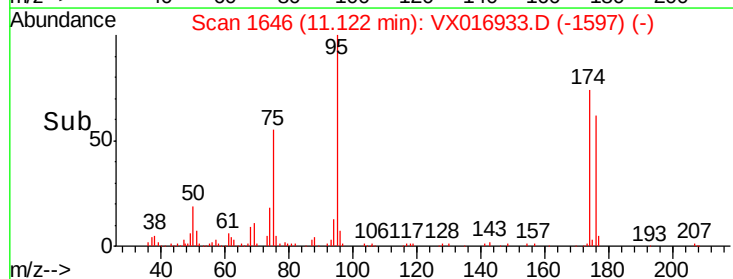
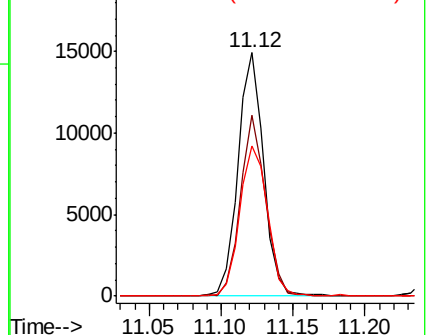
176 67.0 0.0 135.4

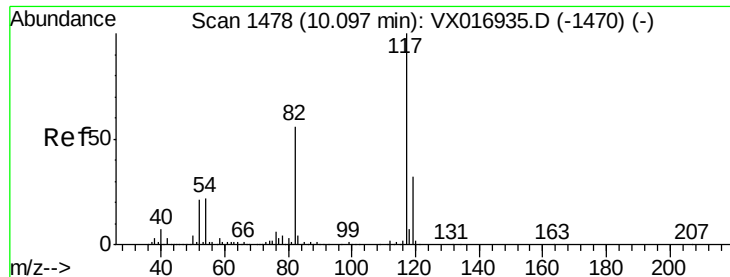


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

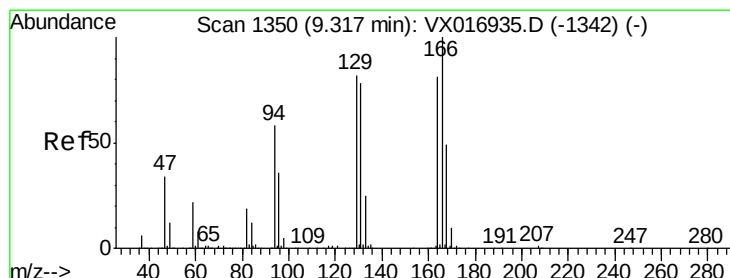
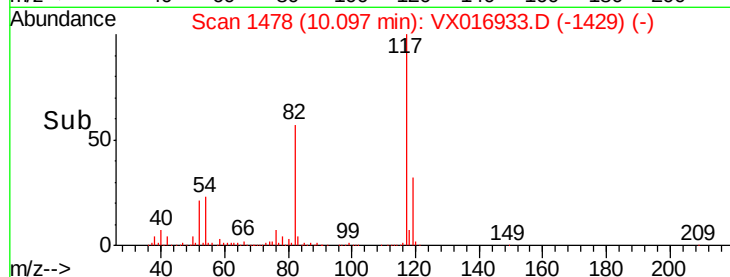
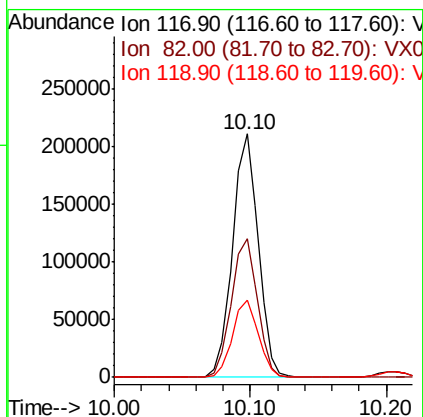
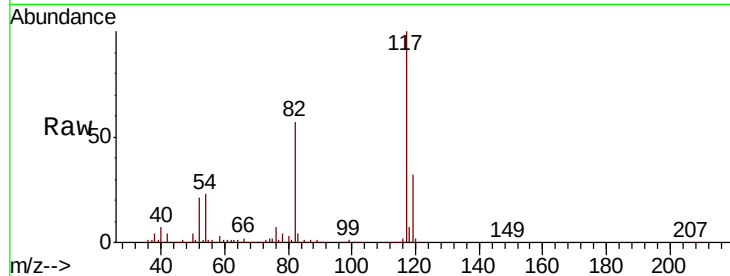




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016933.D
Acq: 23 Jun 2020 16:31

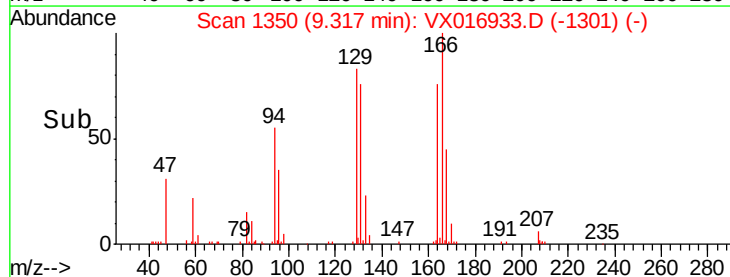
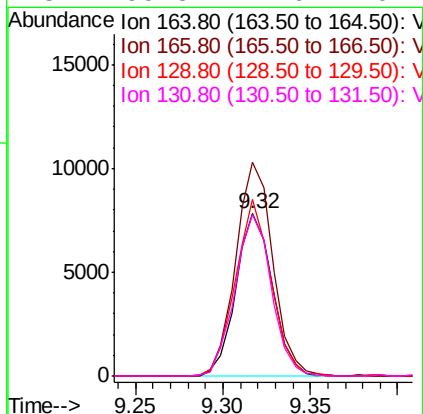
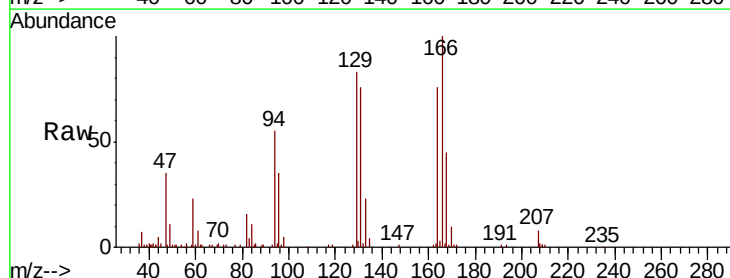
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

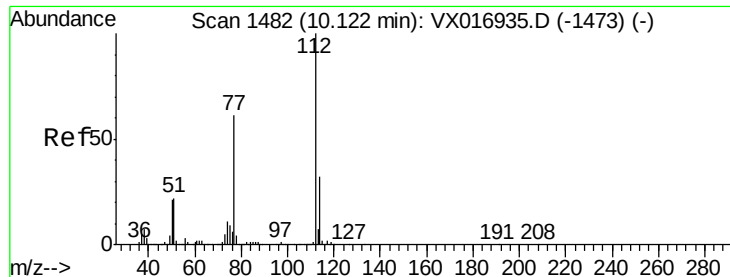
Tot Ion:117 Resp: 276167
Ion Ratio Lower Upper
117 100
82 56.7 44.7 67.1
119 31.6 25.4 38.0



#64
Tetrachloroethene
Concen: 6.084 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016933.D
Acq: 23 Jun 2020 16:31

Tgt Ion:164 Resp: 11405
Ion Ratio Lower Upper
164 100
166 131.6 99.3 148.9
129 108.9 81.4 122.0
131 99.3 77.6 116.4

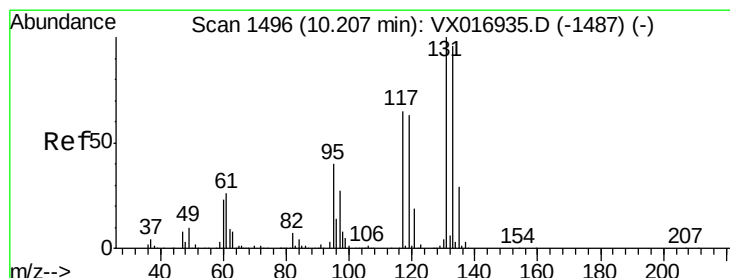
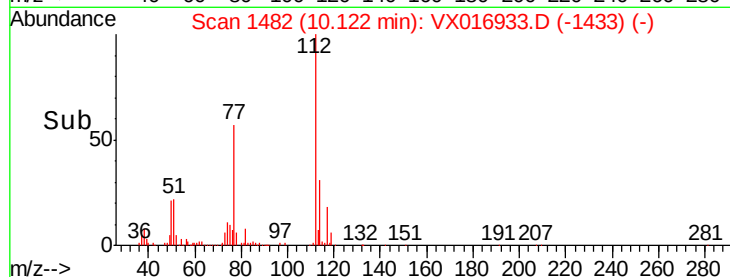
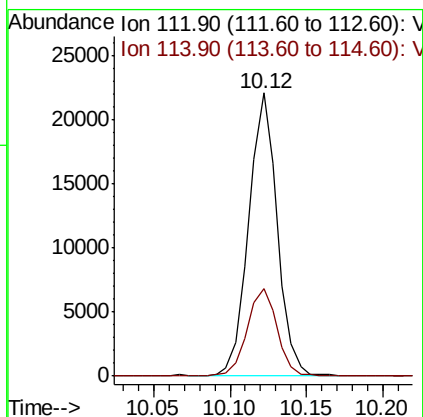
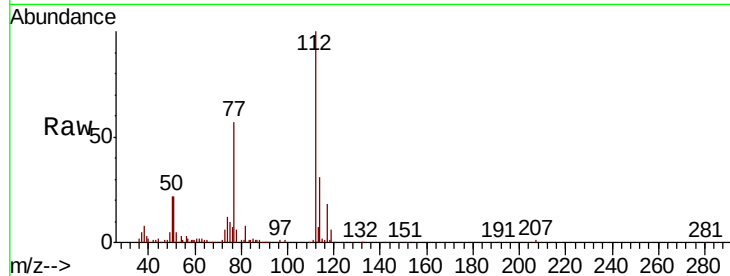




#65
Chlorobenzene
Concen: 5.076 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX016933.D
Acq: 23 Jun 2020 16:31

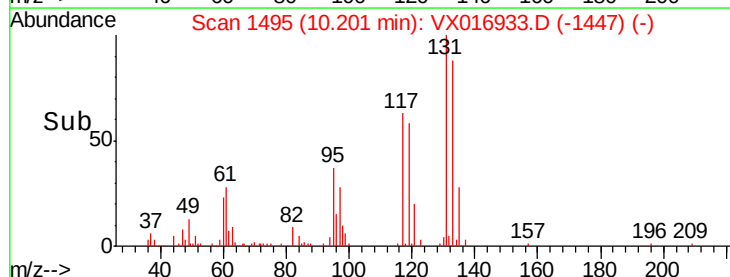
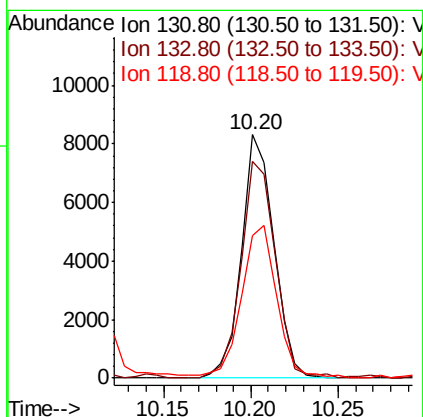
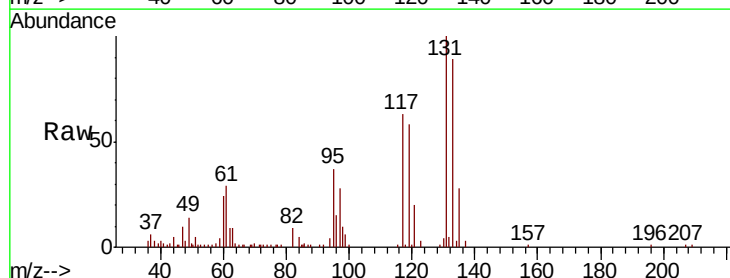
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

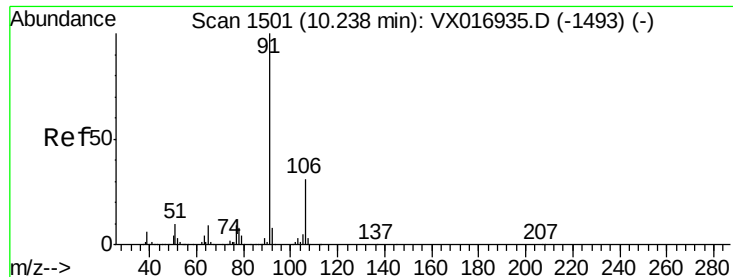
Tot Ion:112 Resp: 28633
Ion Ratio Lower Upper
112 100
114 30.8 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 4.922 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX016933.D
Acq: 23 Jun 2020 16:31

Tgt Ion:131 Resp: 10755
Ion Ratio Lower Upper
131 100
133 94.6 48.3 144.9
119 68.9 32.7 98.1

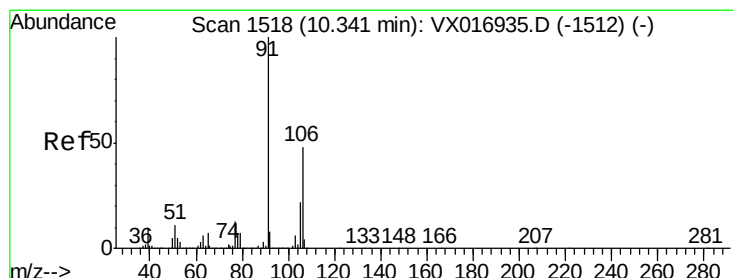
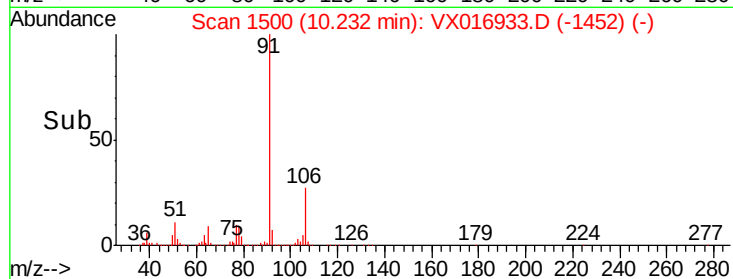
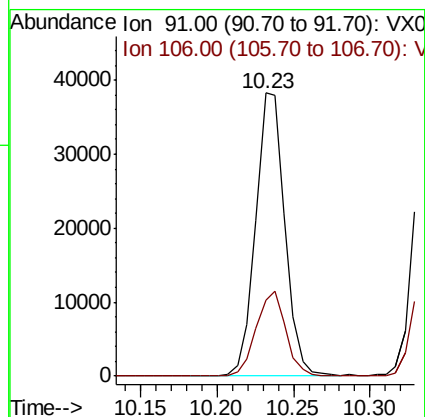
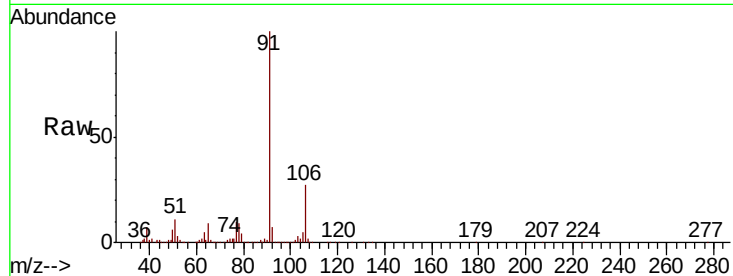




#67
Ethyl Benzene
Concen: 5.051 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX016933.D
Acq: 23 Jun 2020 16:31

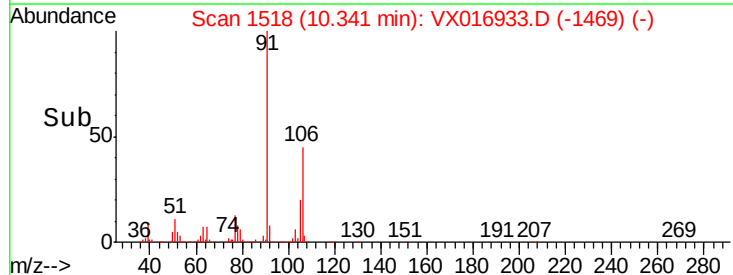
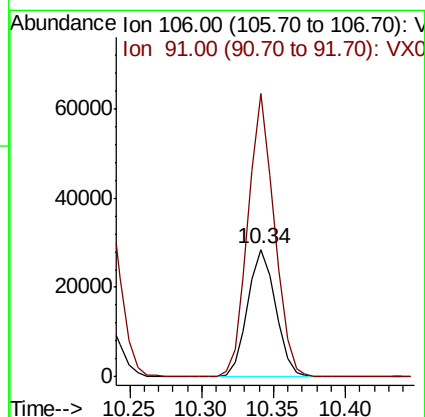
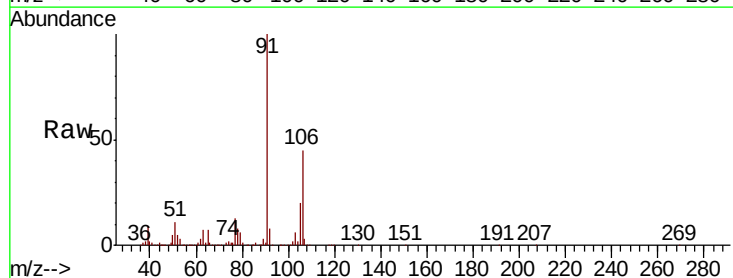
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

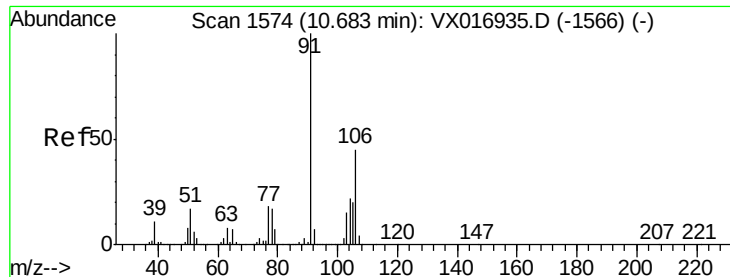
Tot Ion: 91 Resp: 50950
Ion Ratio Lower Upper
91 100
106 26.9 24.9 37.3



#68
m/p-Xylenes
Concen: 10.337 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016933.D
Acq: 23 Jun 2020 16:31

Tgt Ion: 106 Resp: 38297
Ion Ratio Lower Upper
106 100
91 209.3 166.2 249.2

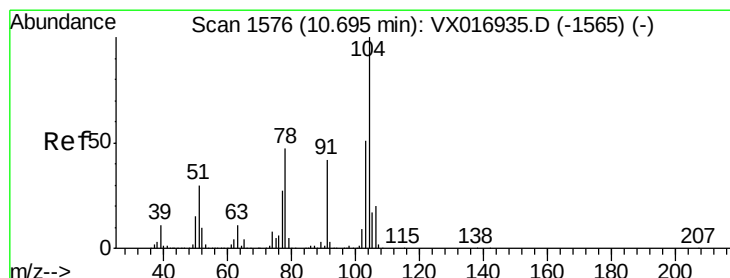
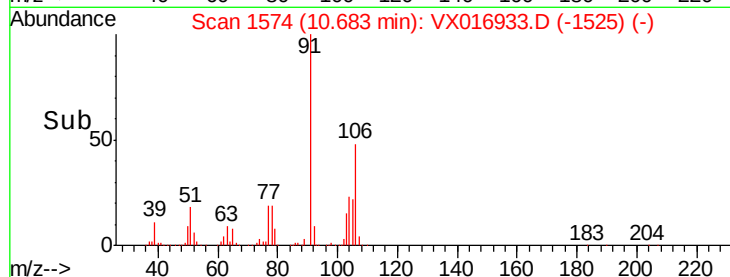
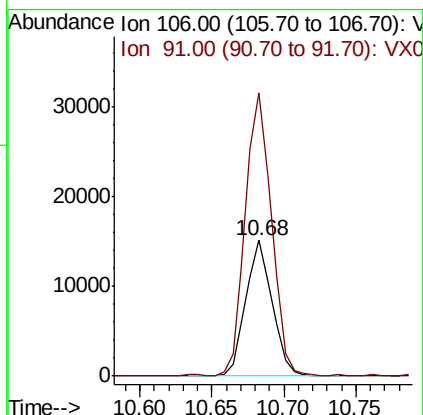
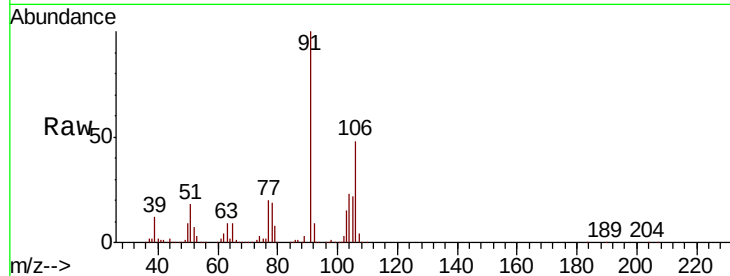




#69
o-Xylene
Concen: 5.429 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016933.D
Acq: 23 Jun 2020 16:31

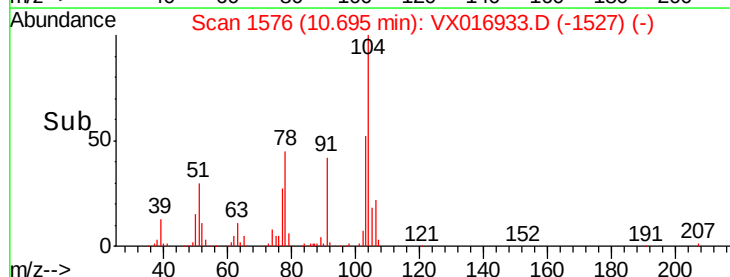
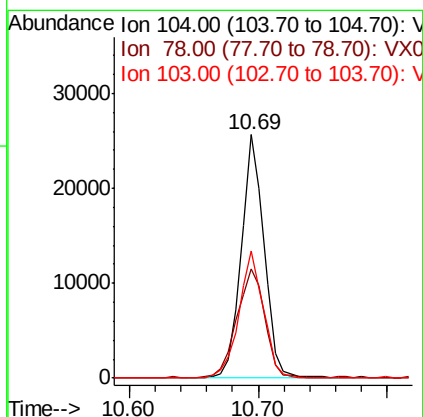
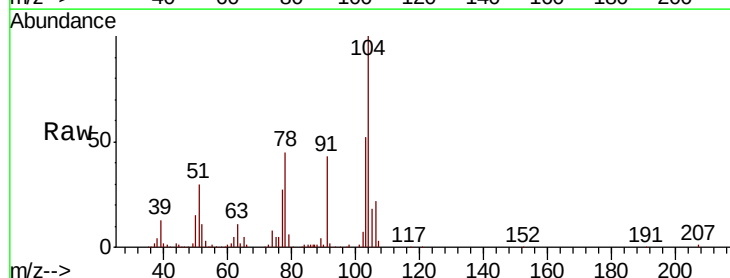
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

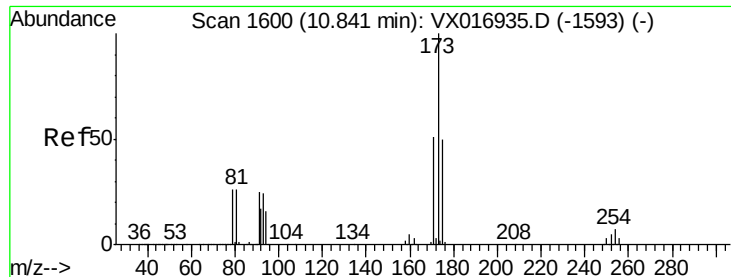
Tot Ion:106 Resp: 19213
Ion Ratio Lower Upper
106 100
91 207.0 109.8 329.4



#70
Styrene
Concen: 5.224 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016933.D
Acq: 23 Jun 2020 16:31

Tgt Ion:104 Resp: 31464
Ion Ratio Lower Upper
104 100
78 54.4 41.6 62.4
103 56.1 42.7 64.1





#71

Bromoform

Concen: 5.758 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

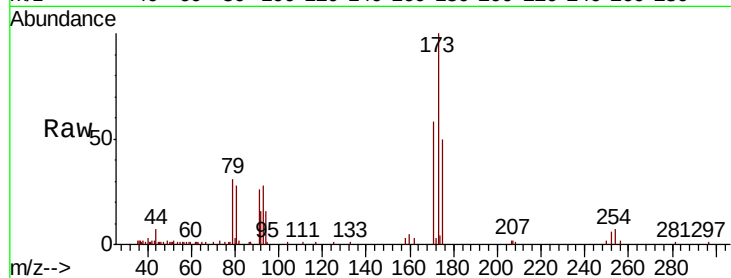
Tot Ion:173 Resp: 9356

Ion Ratio Lower Upper

173 100

175 49.6 24.3 72.9

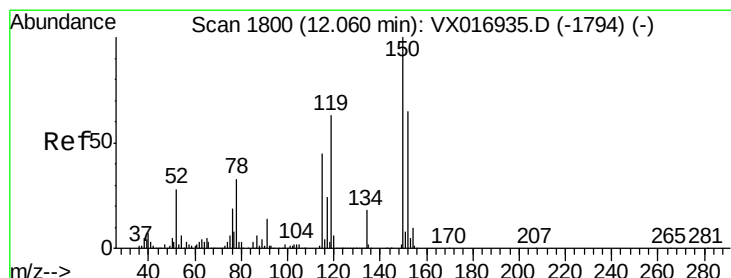
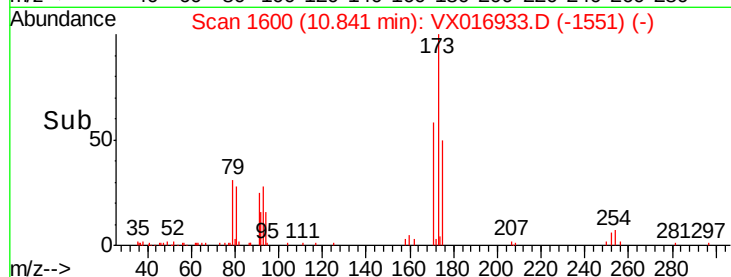
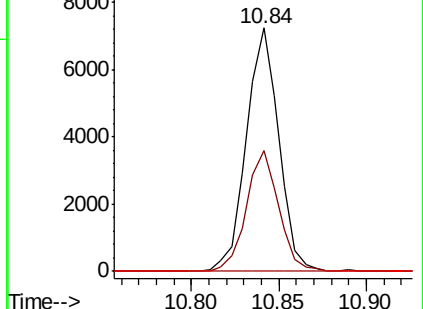
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

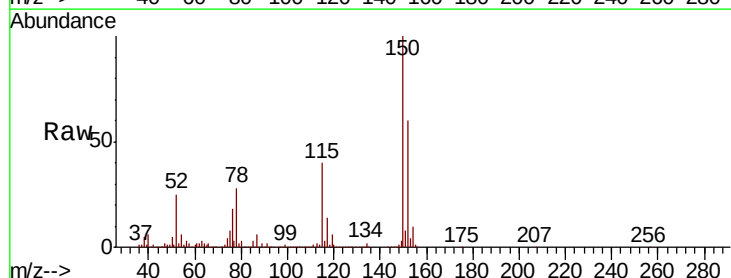
Tgt Ion:152 Resp: 160299

Ion Ratio Lower Upper

152 100

115 64.7 43.1 129.4

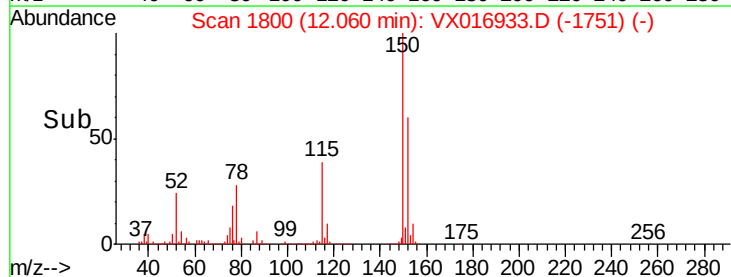
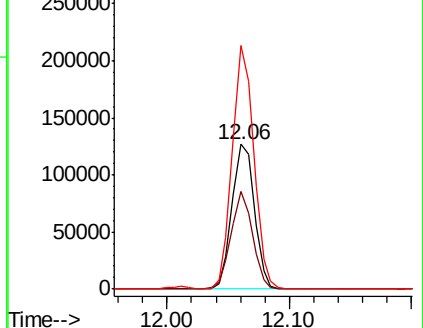
150 161.3 0.0 346.0

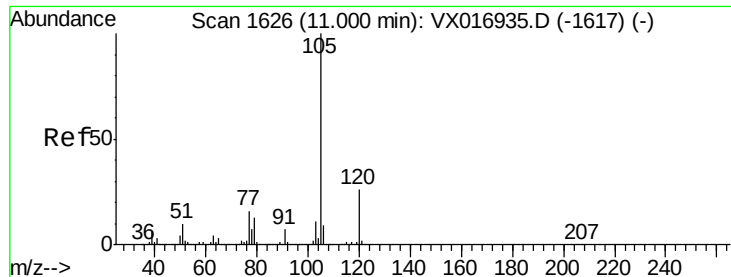


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 4.776 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

Instrument :

MSVOA_X

ClientSampleId :

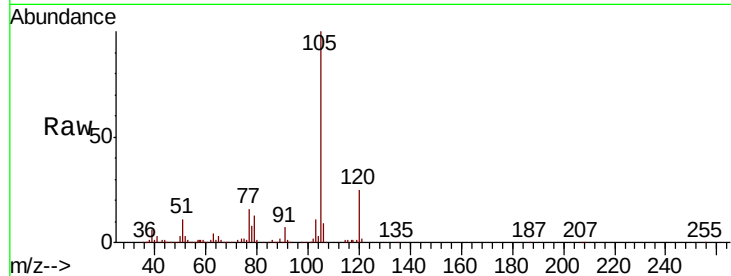
VSTDIC005

Tot Ion:105 Resp: 56808

Ion Ratio Lower Upper

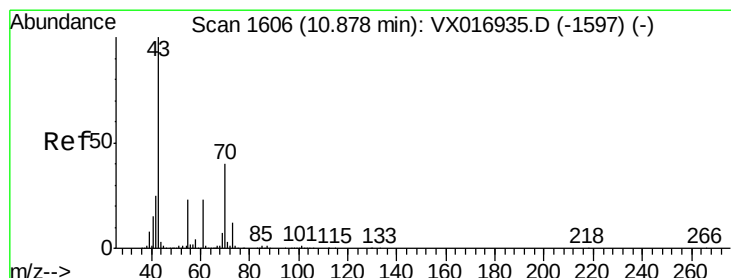
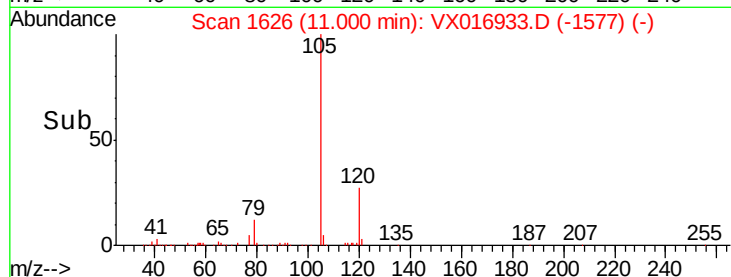
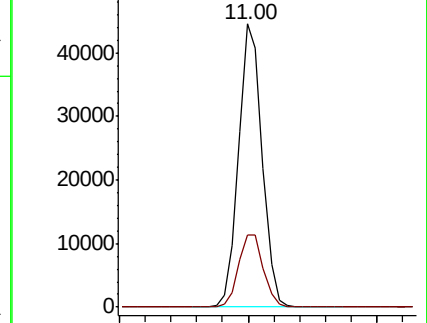
105 100

120 26.9 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.607 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

Tgt Ion: 43 Resp: 27423

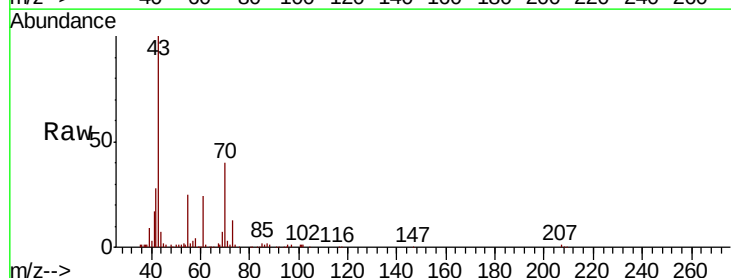
Ion Ratio Lower Upper

43 100

70 41.5 32.6 49.0

55 24.4 18.8 28.2

61 23.6 18.9 28.3

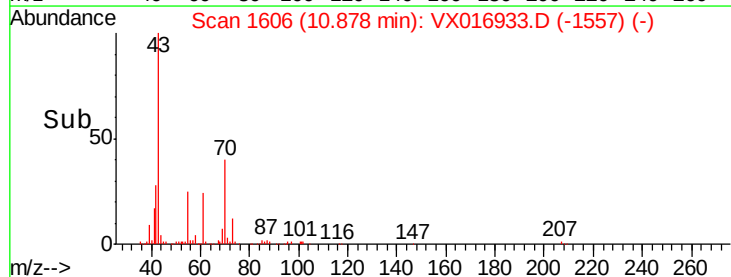
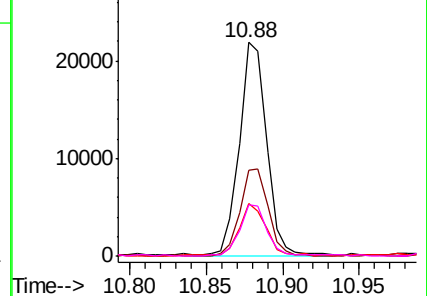


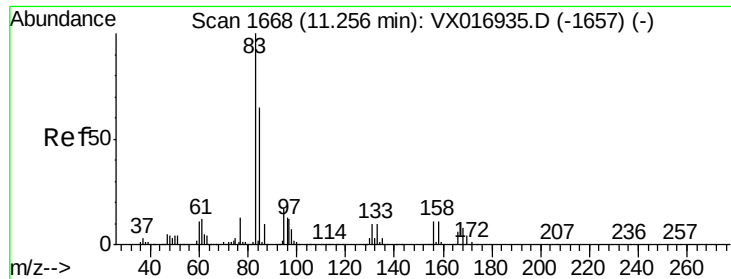
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 5.029 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

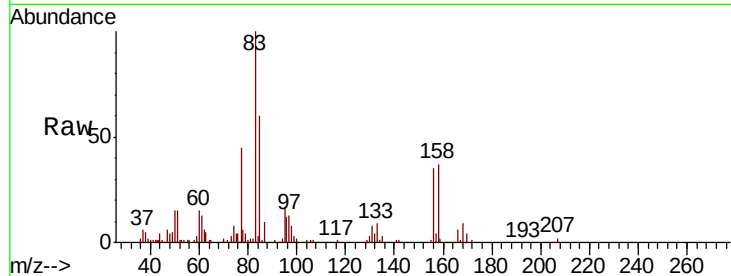
Tot Ion: 83 Resp: 20016

Ion Ratio Lower Upper

83 100

131 9.8 5.1 15.2

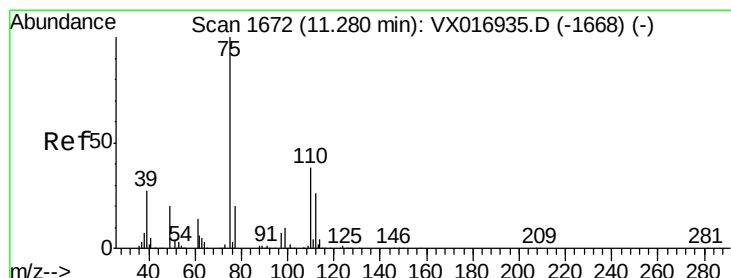
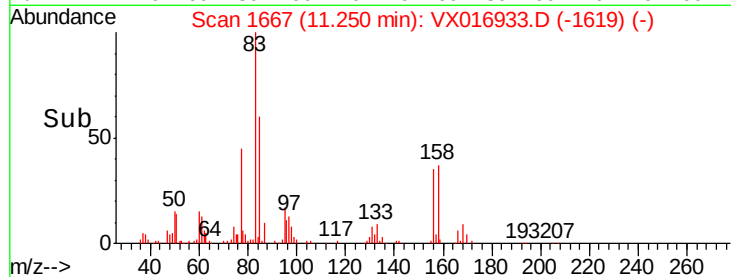
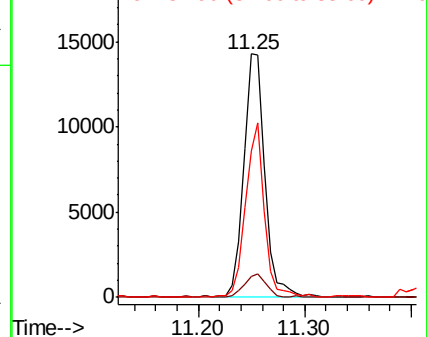
85 63.5 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 5.436 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016933.D

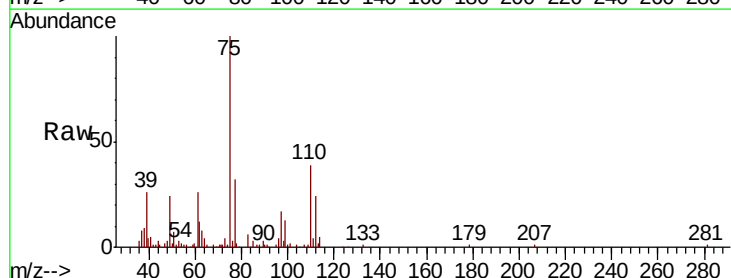
Acq: 23 Jun 2020 16:31

Tgt Ion: 75 Resp: 24946

Ion Ratio Lower Upper

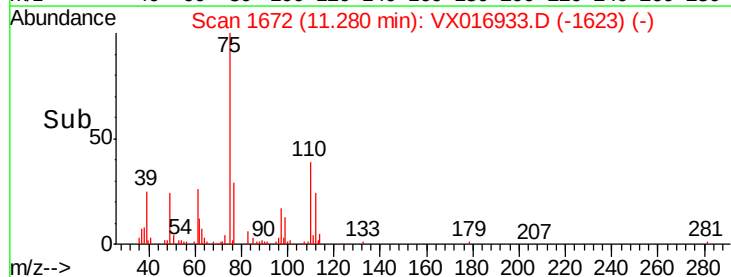
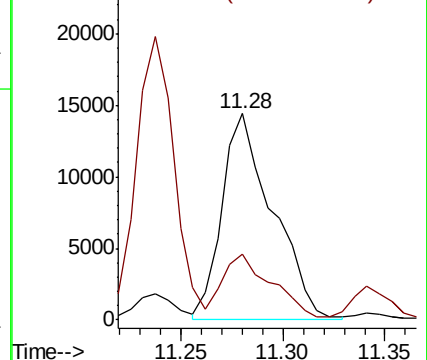
75 100

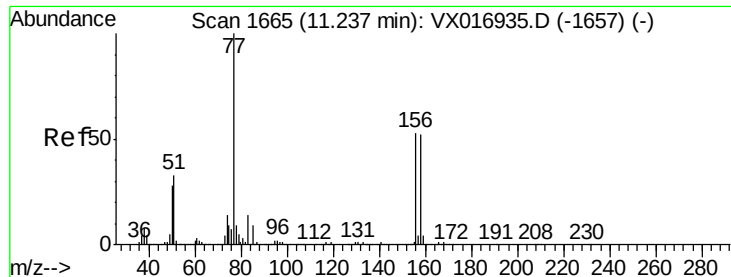
77 31.0 20.1 60.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 4.989 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

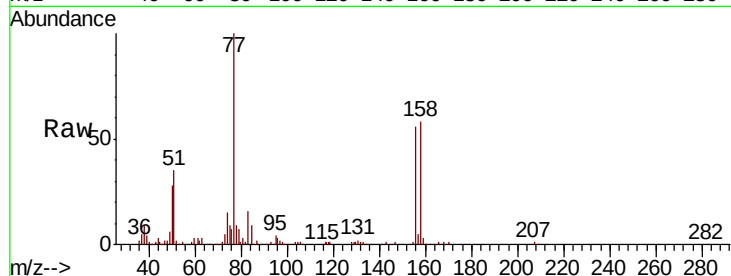
Tot Ion:156 Resp: 14569

Ion Ratio Lower Upper

156 100

77 176.0 91.0 273.1

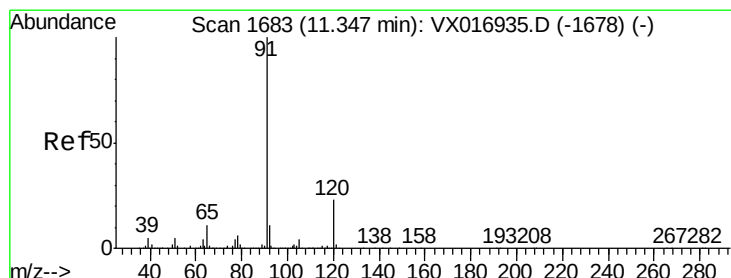
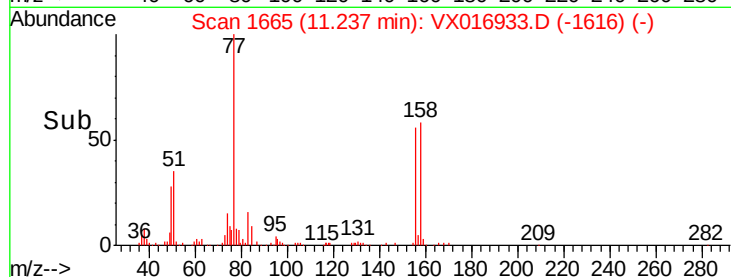
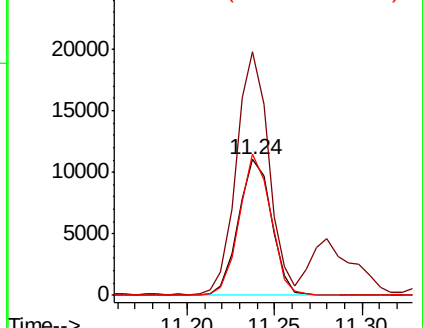
158 98.3 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.921 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016933.D

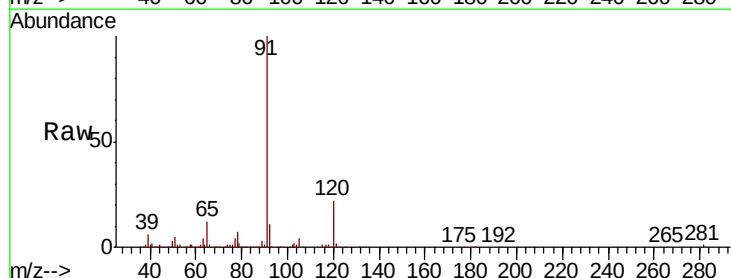
Acq: 23 Jun 2020 16:31

Tgt Ion: 91 Resp: 66729

Ion Ratio Lower Upper

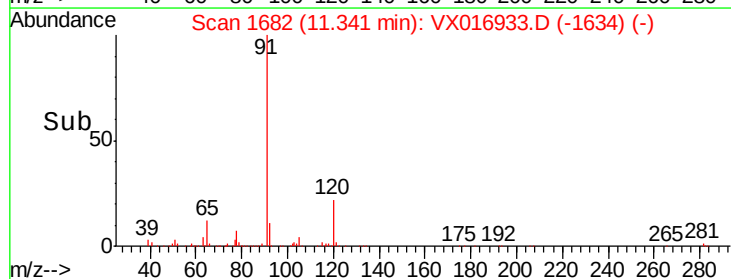
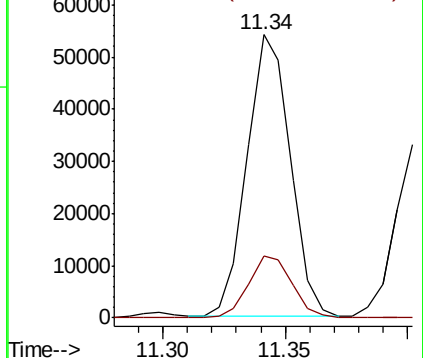
91 100

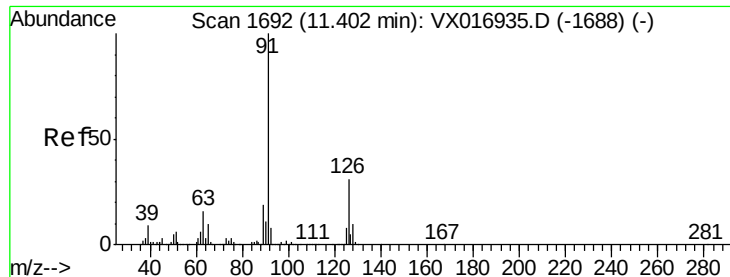
120 22.2 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 4.892 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

Instrument :

MSVOA_X

ClientSampleId :

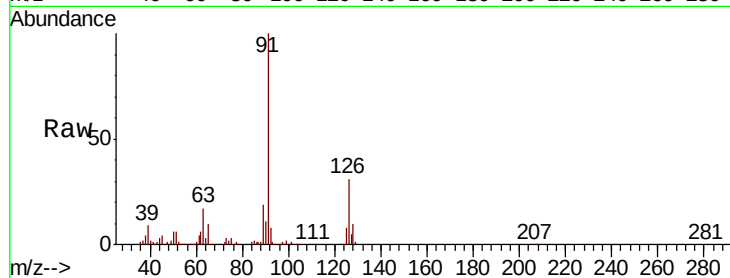
VSTDIC005

Tot Ion: 91 Resp: 41999

Ion Ratio Lower Upper

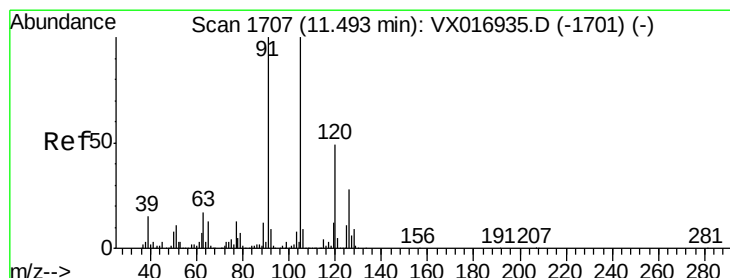
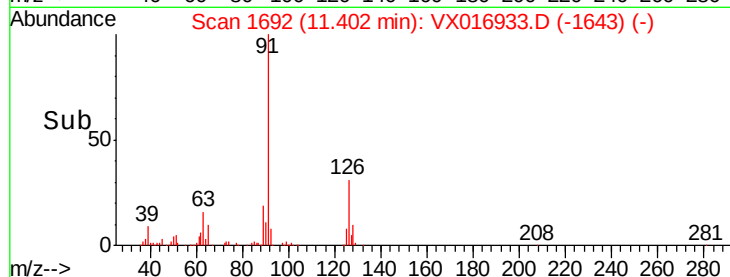
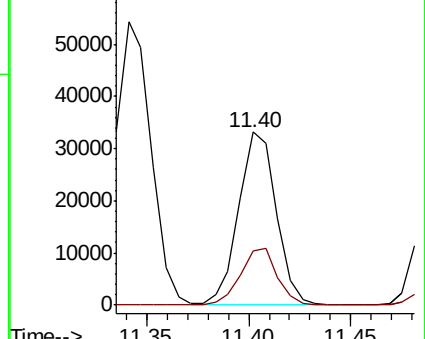
91 100

126 32.3 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 4.833 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016933.D

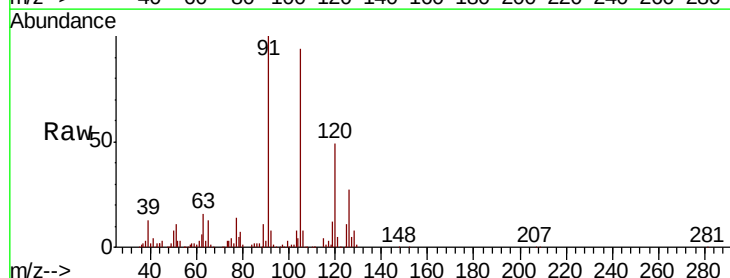
Acq: 23 Jun 2020 16:31

Tgt Ion: 105 Resp: 48411

Ion Ratio Lower Upper

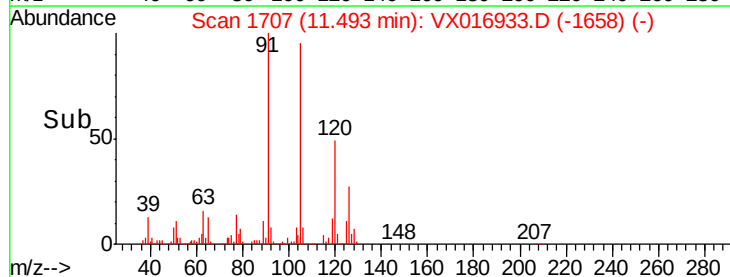
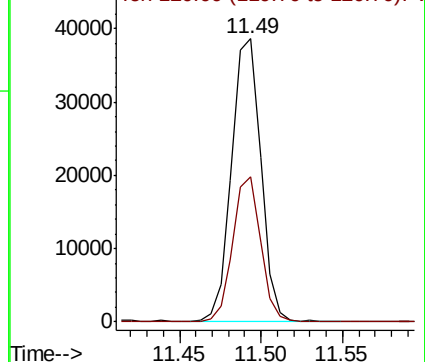
105 100

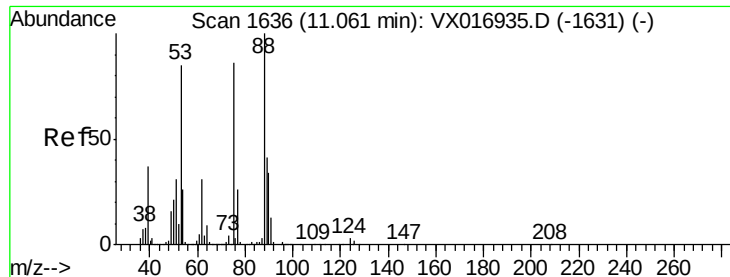
120 49.0 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 4.304 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

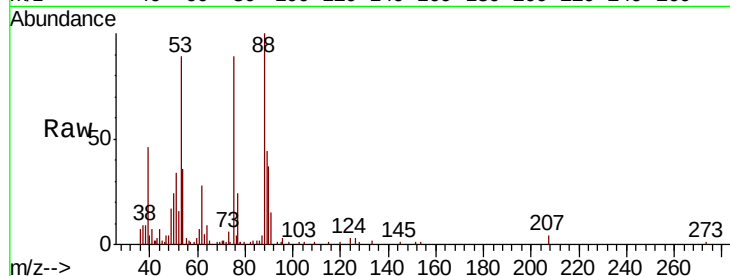
Tot Ion: 75 Resp: 6636

Ion Ratio Lower Upper

75 100

53 111.6 78.9 118.3

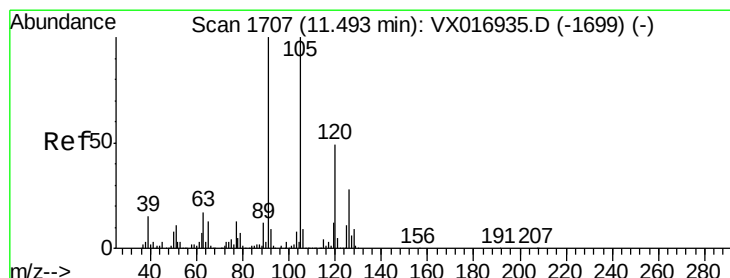
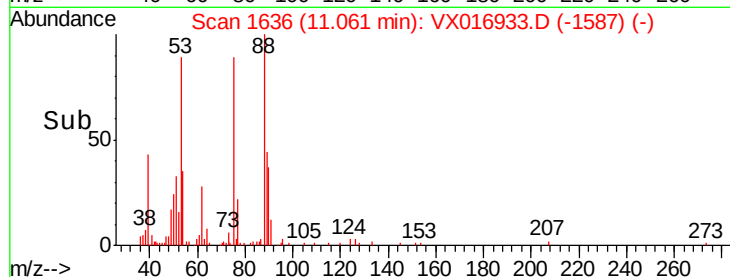
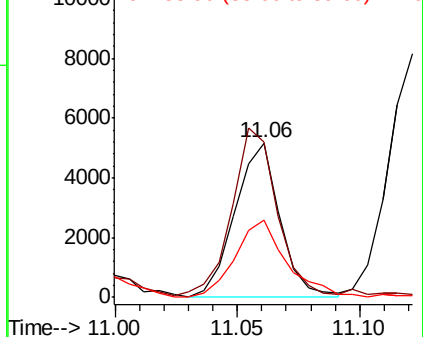
89 56.6 37.0 55.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 4.888 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016933.D

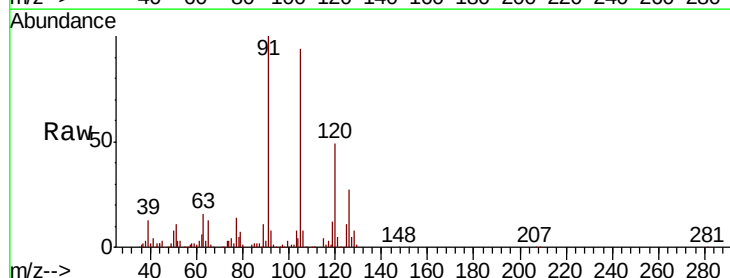
Acq: 23 Jun 2020 16:31

Tgt Ion: 91 Resp: 50236

Ion Ratio Lower Upper

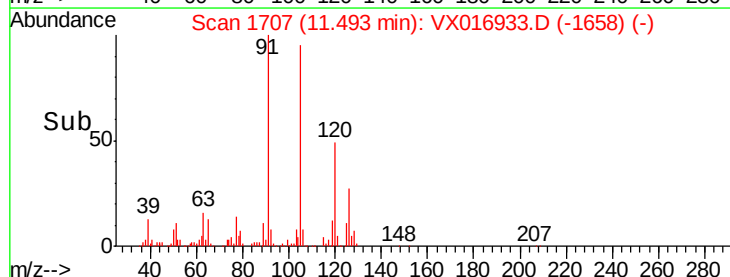
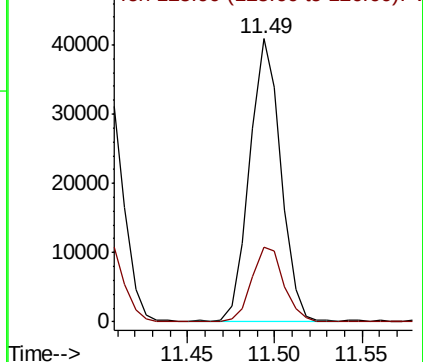
91 100

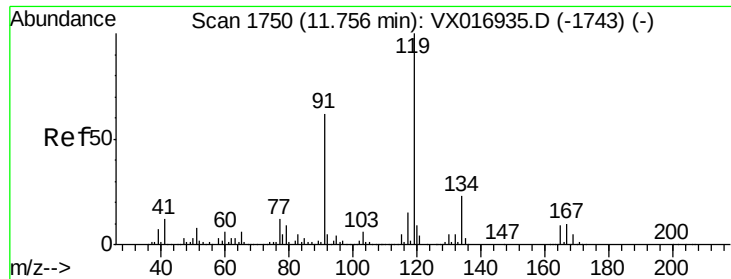
126 27.5 14.1 42.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

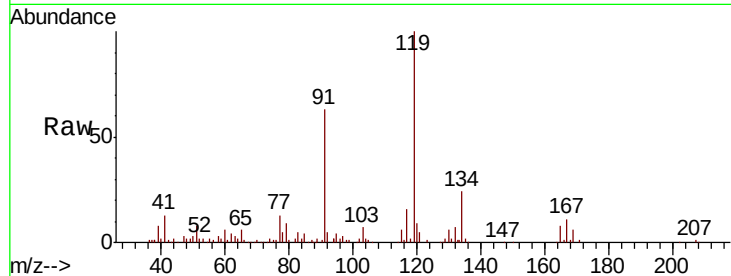




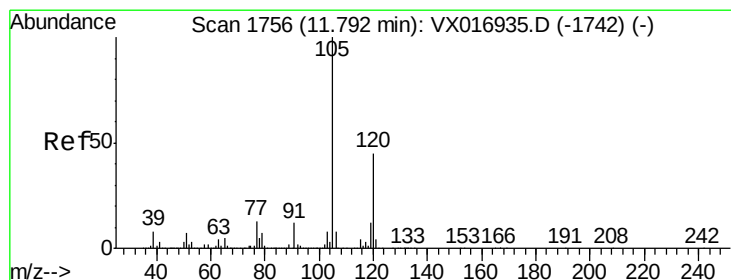
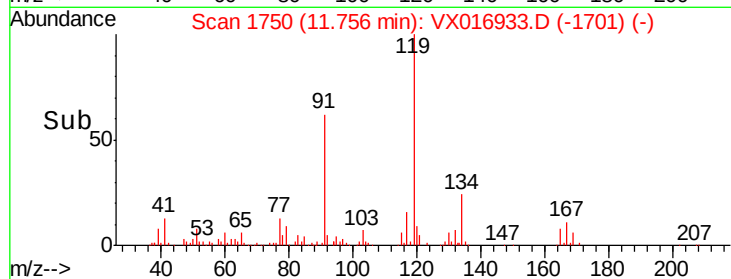
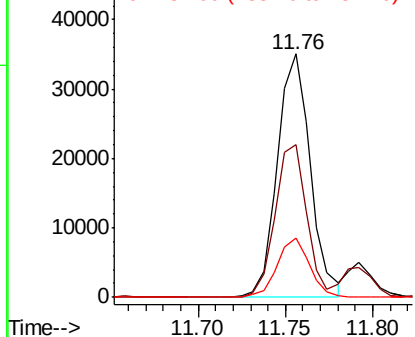
#83
 tert-Butylbenzene
 Concen: 4.704 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX016933.D
 Acq: 23 Jun 2020 16:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.2	30.3	90.9
134	23.9	11.4	34.2

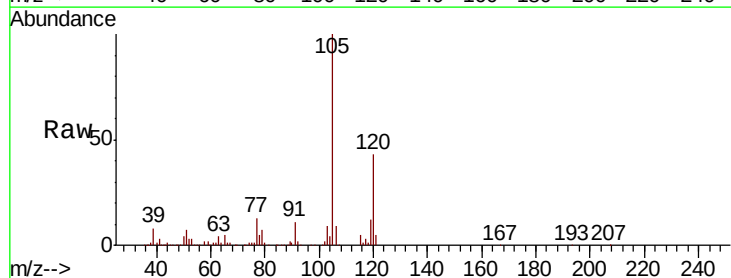


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

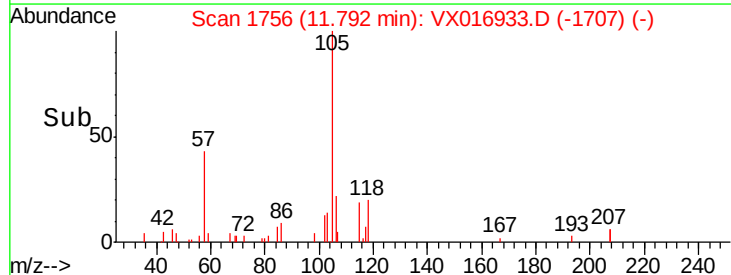
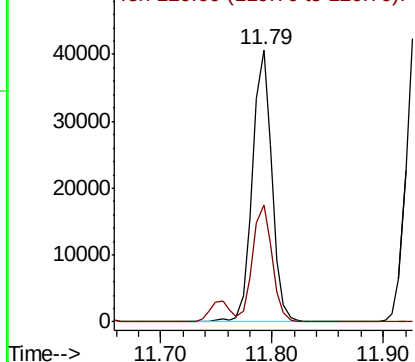


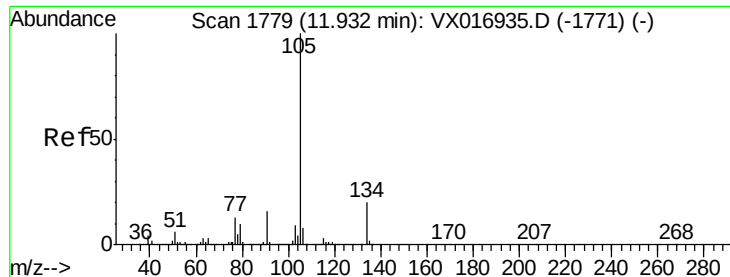
#84
 1,2,4-Trimethylbenzene
 Concen: 4.955 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX016933.D
 Acq: 23 Jun 2020 16:31

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.3	22.4	67.0



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 5.017 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

Instrument :

MSVOA_X

ClientSampleId :

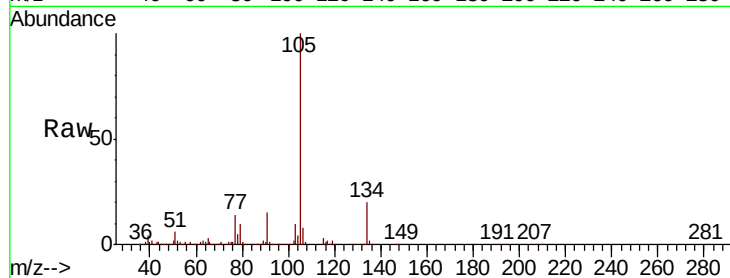
VSTDIC005

Tot Ion:105 Resp: 55510

Ion Ratio Lower Upper

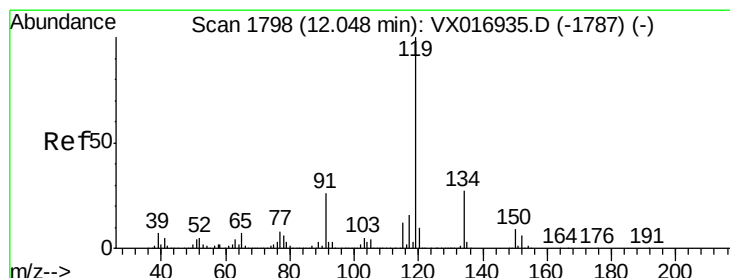
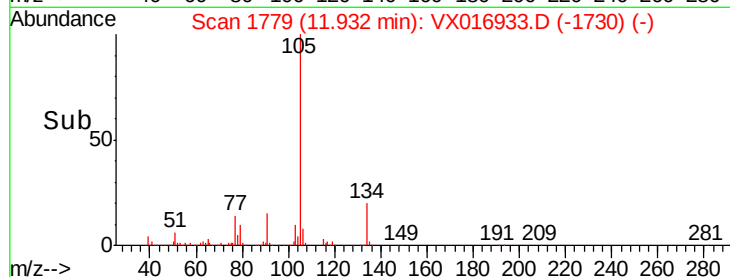
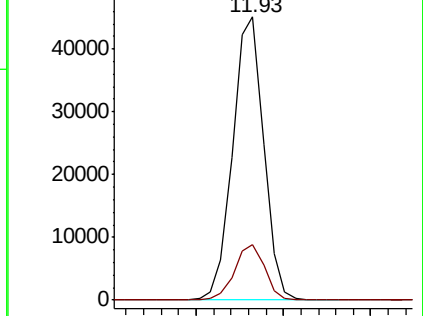
105 100

134 19.4 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 4.864 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

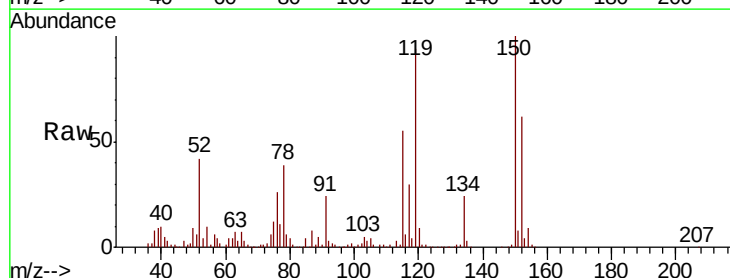
Tgt Ion:119 Resp: 49807

Ion Ratio Lower Upper

119 100

134 26.4 12.9 38.7

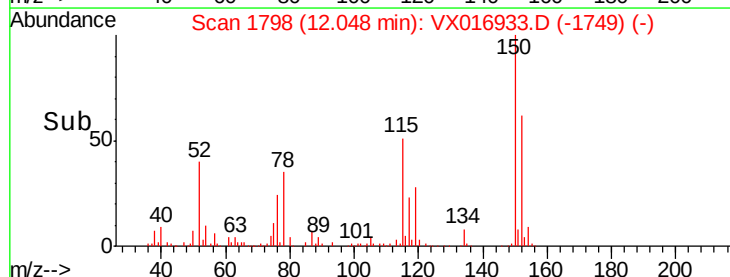
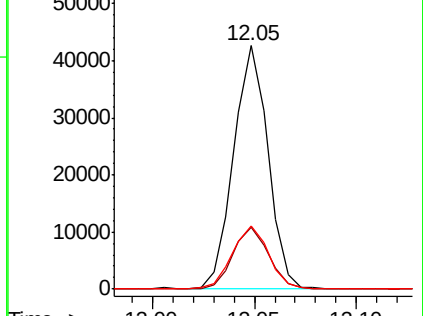
91 27.9 12.6 37.8

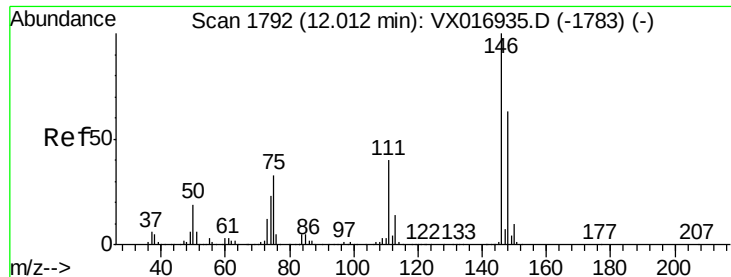


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

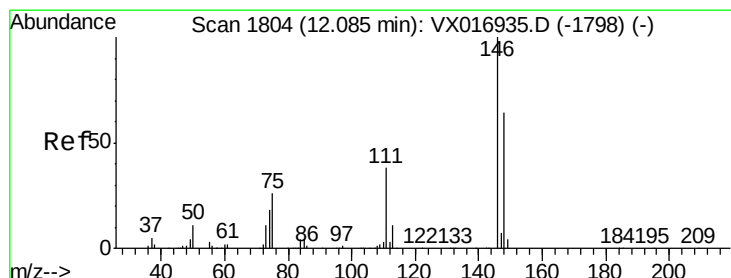
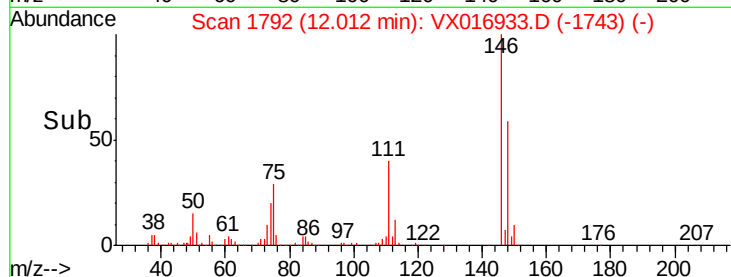
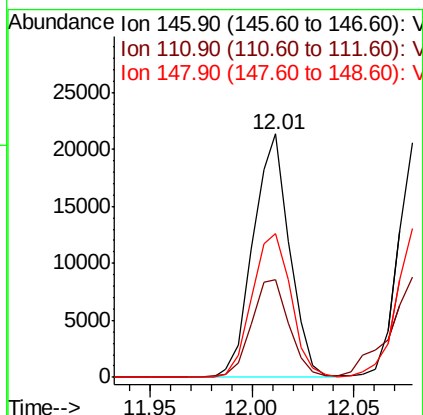
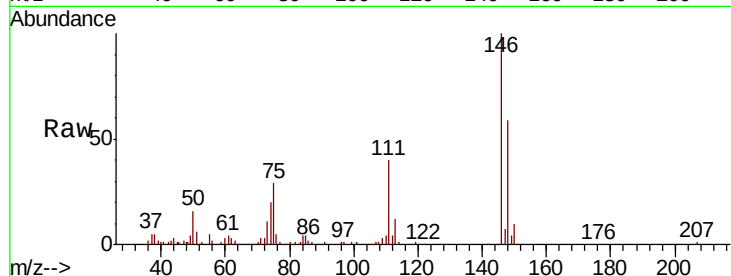




#87
 1,3-Dichlorobenzene
 Concen: 5.054 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX016933.D
 Acq: 23 Jun 2020 16:31

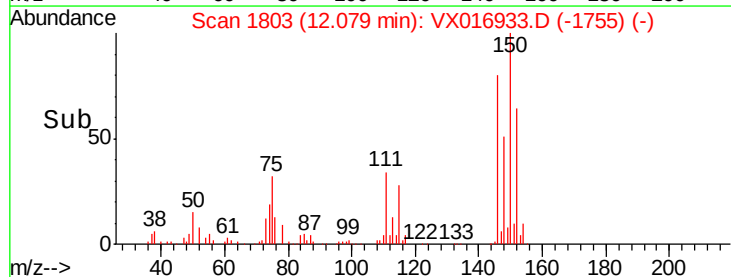
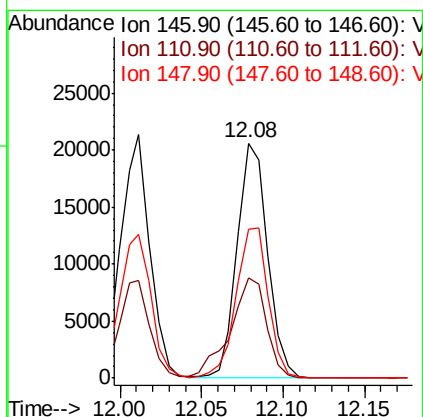
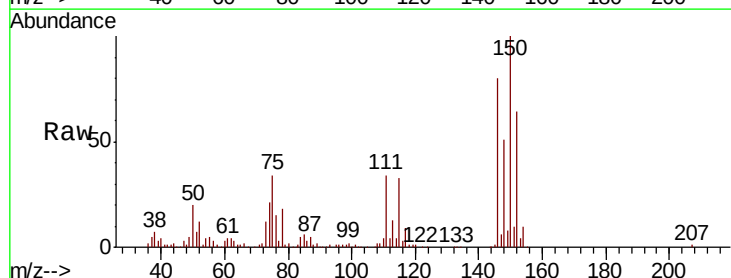
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

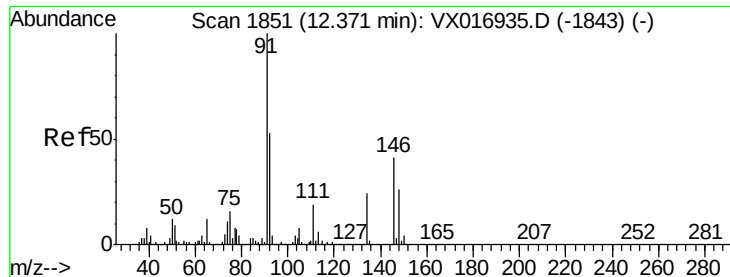
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.8	62.5
148	62.9	32.3	96.9



#88
 1,4-Dichlorobenzene
 Concen: 5.114 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX016933.D
 Acq: 23 Jun 2020 16:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	50.6	20.3	61.0
148	67.5	31.8	95.3

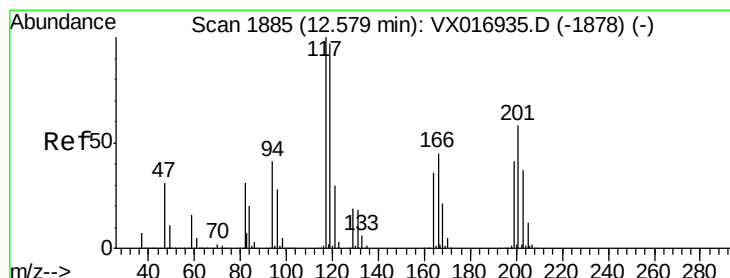
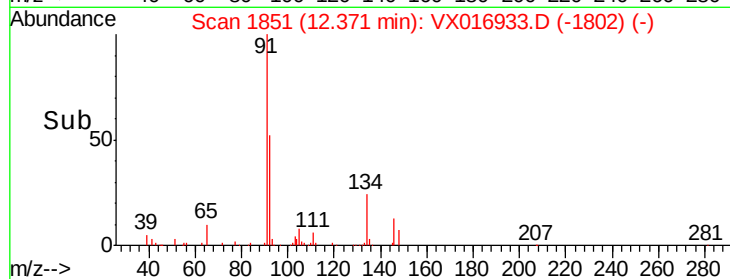
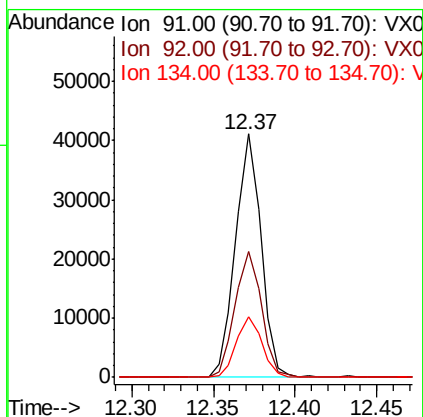
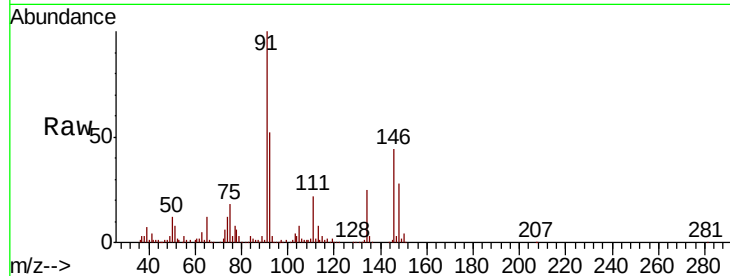




#89
n-Butylbenzene
Concen: 4.662 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016933.D
Acq: 23 Jun 2020 16:31

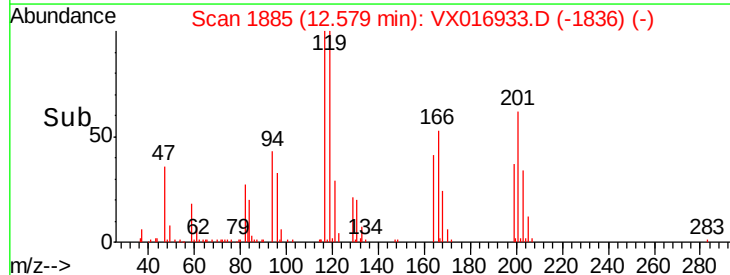
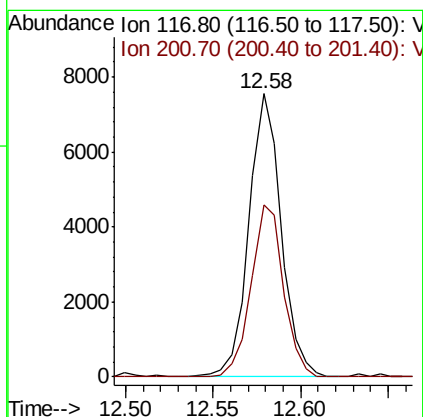
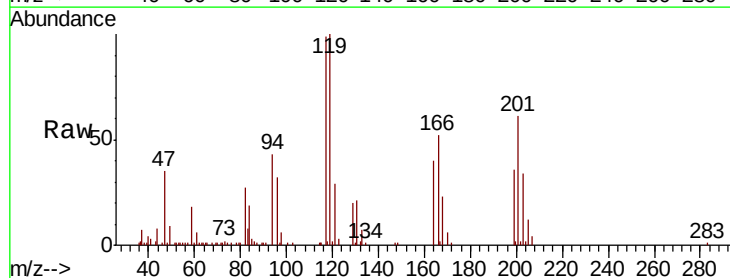
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

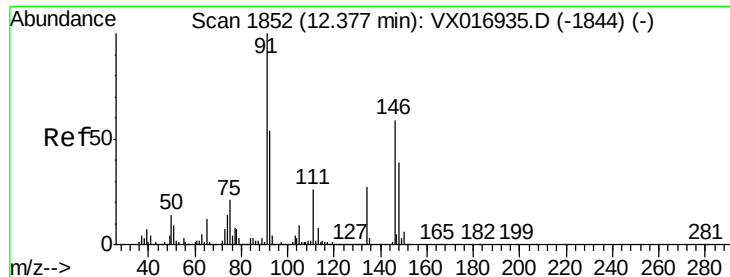
Tot Ion: 91 Resp: 45201
Ion Ratio Lower Upper
91 100
92 53.4 26.8 80.3
134 24.9 12.3 36.8



#90
Hexachloroethane
Concen: 4.814 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016933.D
Acq: 23 Jun 2020 16:31

Tgt Ion: 117 Resp: 9685
Ion Ratio Lower Upper
117 100
201 61.1 31.1 93.5

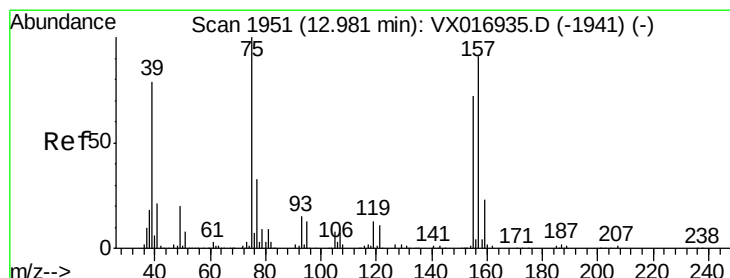
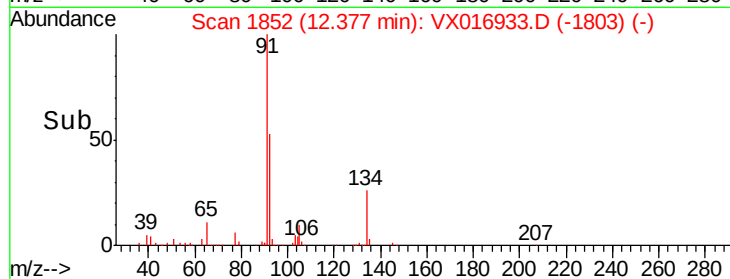
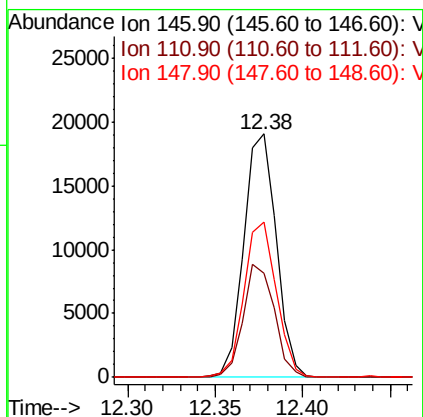
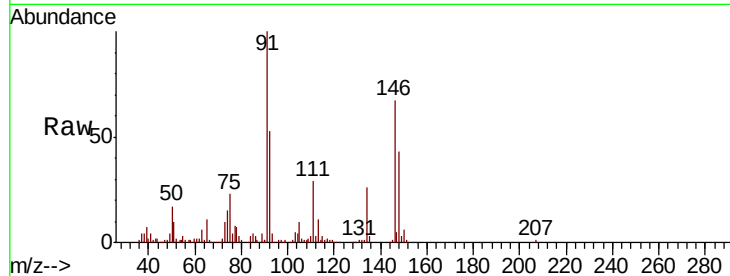




#91
 1,2-Dichlorobenzene
 Concen: 4.873 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016933.D
 Acq: 23 Jun 2020 16:31

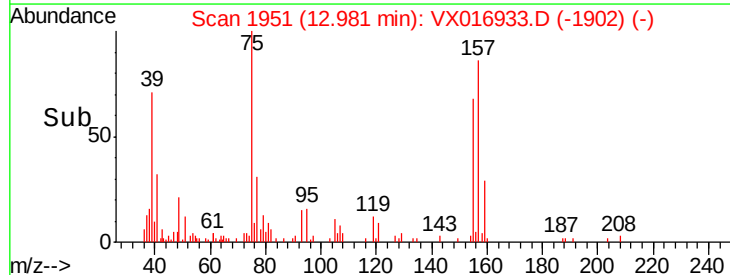
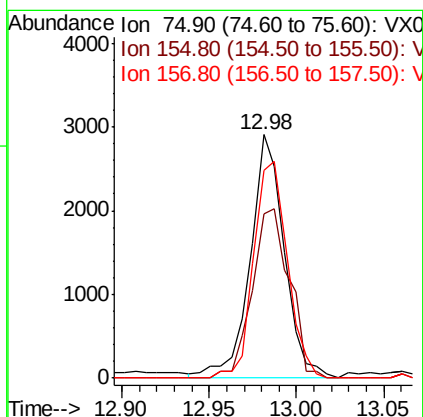
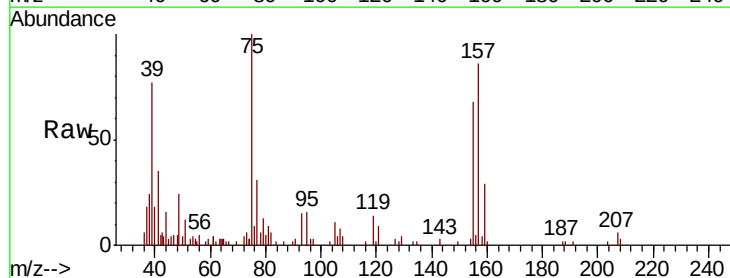
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

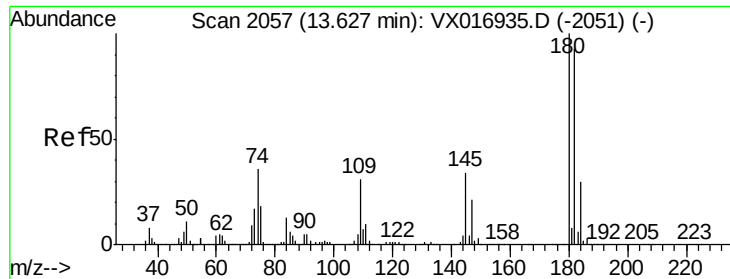
Tot Ion:146 Resp: 24663
 Ion Ratio Lower Upper
 146 100
 111 44.7 22.0 66.0
 148 63.5 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.862 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX016933.D
 Acq: 23 Jun 2020 16:31

Tgt Ion: 75 Resp: 3946
 Ion Ratio Lower Upper
 75 100
 155 76.0 36.1 108.5
 157 88.5 46.6 139.8





#93

1,2,4-Trichlorobenzene

Concen: 4.438 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

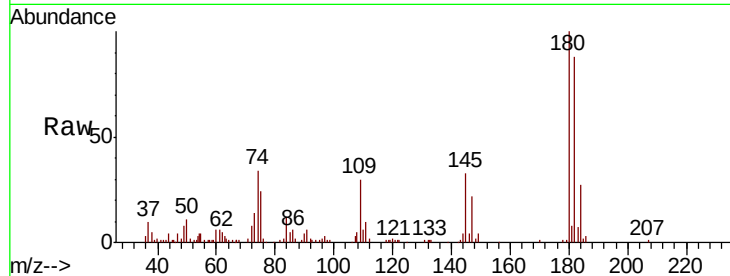
Tot Ion:180 Resp: 14674

Ion Ratio Lower Upper

180 100

182 94.3 47.3 142.0

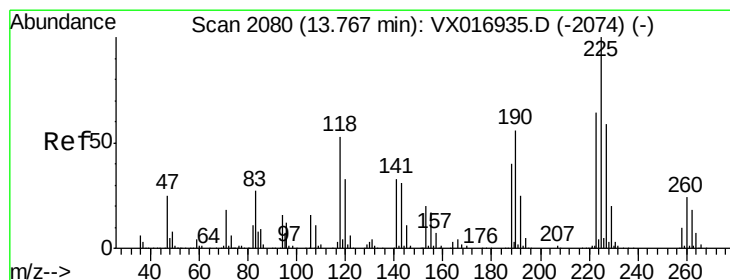
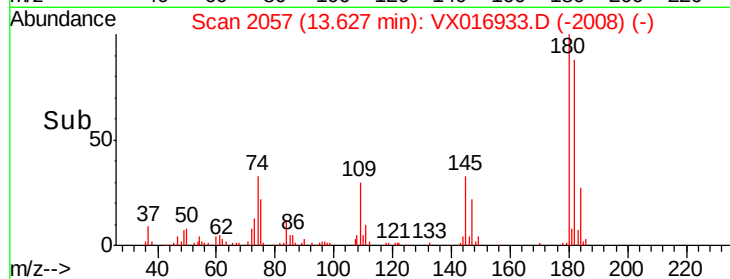
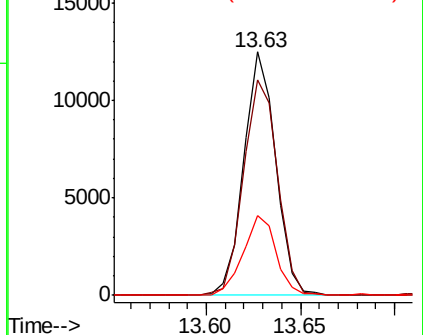
145 33.8 16.4 49.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 4.001 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX016933.D

Acq: 23 Jun 2020 16:31

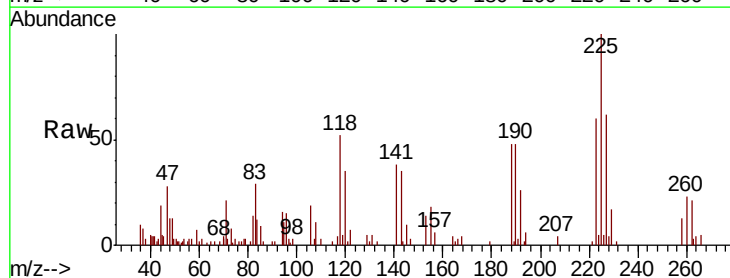
Tgt Ion:225 Resp: 4615

Ion Ratio Lower Upper

225 100

223 61.9 32.5 97.4

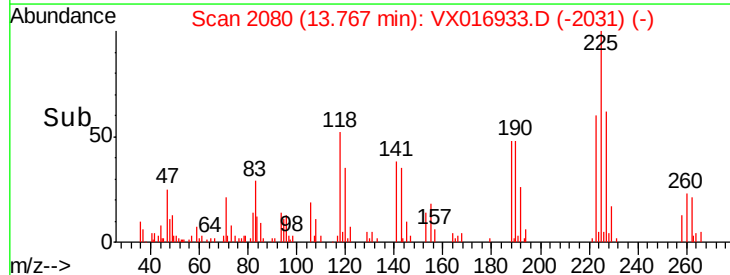
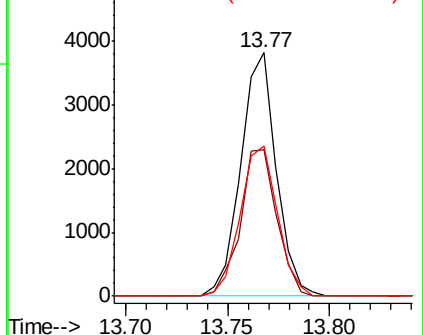
227 64.3 29.3 88.0

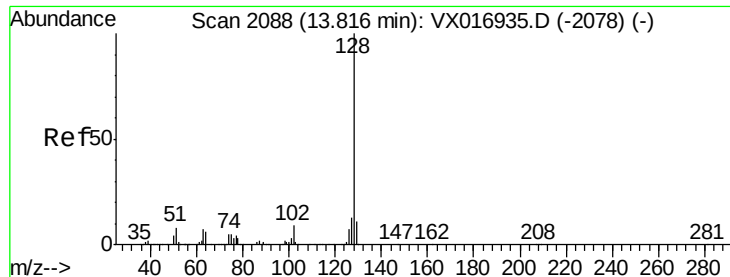


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

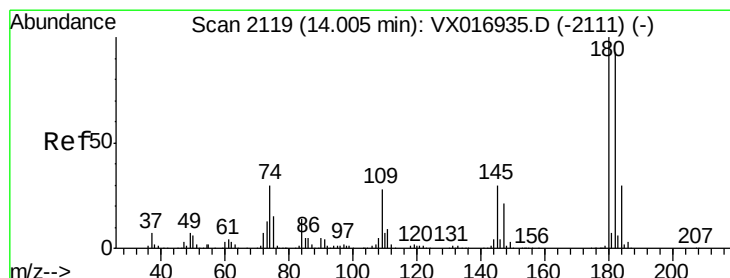
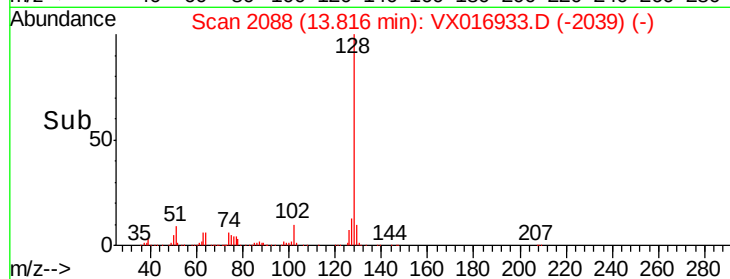
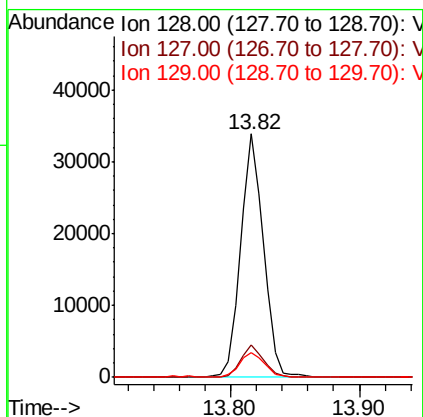
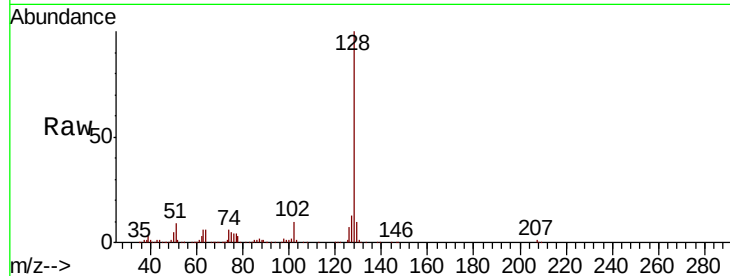




#95
Naphthalene
Concen: 3.677 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016933.D
Acq: 23 Jun 2020 16:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:128 Resp: 41314
Ion Ratio Lower Upper
128 100
127 13.6 10.2 15.4
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 3.839 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VX016933.D
Acq: 23 Jun 2020 16:31

Tgt Ion:180 Resp: 12277
Ion Ratio Lower Upper
180 100
182 93.7 47.4 142.3
145 34.6 17.1 51.3

