

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX040919\
 Data File : VX008771.D
 Acq On : 09 Apr 2019 15:25
 Operator : JC/SP
 Sample : VX0409MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409MBS01

Quant Time: Apr 09 15:45:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	176400	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	297806	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	258131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	115277	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	134021	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
35) Dibromofluoromethane	5.50	113	98303	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
50) Toluene-d8	8.71	98	384797	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
62) 4-Bromofluorobenzene	11.13	95	133069	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	31197	15.364	ug/l	97
3) Chloromethane	1.32	50	45060	16.992	ug/l	100
4) Vinyl Chloride	1.40	62	44746	16.302	ug/l	99
5) Bromomethane	1.64	94	23568	18.658	ug/l	97
6) Chloroethane	1.71	64	27777	16.501	ug/l	99
7) Trichlorofluoromethane	1.93	101	52273	17.228	ug/l	100
8) Diethyl Ether	2.19	74	26342	18.307	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	34202	17.508	ug/l	99
10) Methyl Iodide	2.51	142	31503	20.292	ug/l	98
11) Tert butyl alcohol	3.05	59	57911	96.142	ug/l	99
12) 1,1-Dichloroethene	2.37	96	35516	17.415	ug/l	98
13) Acrolein	2.29	56	36682	122.816	ug/l	98
14) Allyl chloride	2.73	41	83077	17.795	ug/l	99
15) Acrylonitrile	3.14	53	151693	95.062	ug/l	99
16) Acetone	2.45	43	141587	95.543	ug/l	100
17) Carbon Disulfide	2.57	76	92295	15.157	ug/l	97
18) Methyl Acetate	2.78	43	70606	19.645	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	139175	19.110	ug/l	97
20) Methylene Chloride	2.85	84	43224	17.425	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	37426	16.966	ug/l	98
22) Diisopropyl ether	3.85	45	169887	18.880	ug/l	89
23) Vinyl Acetate	3.82	43	742773	94.888	ug/l	99
24) 1,1-Dichloroethane	3.70	63	81241	18.235	ug/l	97
25) 2-Butanone	4.68	43	229991	98.194	ug/l	99
26) 2,2-Dichloropropane	4.58	77	56007	17.849	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	45574	17.970	ug/l	99
28) Bromochloromethane	5.01	49	37452	18.200	ug/l	99
29) Tetrahydrofuran	5.13	42	150648	96.906	ug/l	99
30) Chloroform	5.21	83	73975	18.591	ug/l	98
31) Cyclohexane	5.58	56	75237	16.925	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	58409	18.165	ug/l	99
36) 1,1-Dichloropropene	5.80	75	55115	16.931	ug/l	99
37) Ethyl Acetate	4.84	43	84810	19.518	ug/l	99
38) Carbon Tetrachloride	5.78	117	47422	17.601	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	66400	16.512	ug/l	96
40) Benzene	6.15	78	173278	17.867	ug/l	100
41) Methacrylonitrile	5.04	41	46953	18.799	ug/l	99
42) 1,2-Dichloroethane	6.20	62	63370	18.227	ug/l	100
43) Isopropyl Acetate	6.45	43	129076	18.963	ug/l	100
44) Trichloroethene	7.21	130	39902	17.666	ug/l	97
45) 1,2-Dichloropropane	7.51	63	50087	18.095	ug/l	98
46) Dibromomethane	7.66	93	28311	17.635	ug/l	99
47) Bromodichloromethane	7.90	83	54361	17.959	ug/l	99
48) Methyl methacrylate	7.77	41	64819	18.825	ug/l	99
49) 1,4-Dioxane	7.74	88	23634	366.416	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	424871	96.964	ug/l	100
52) Toluene	8.78	92	100684	17.610	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	60650	17.887	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	69277	17.881	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	43895	19.126	ug/l	98
56) Ethyl methacrylate	9.18	69	76577	18.441	ug/l	98
57) 1,3-Dichloropropane	9.37	76	76576	18.581	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	215863	101.807	ug/l	99
59) 2-Hexanone	9.49	43	326775	95.962	ug/l	100
60) Dibromochloromethane	9.58	129	39247	18.148	ug/l	99
61) 1,2-Dibromoethane	9.67	107	43125	18.050	ug/l	98
64) Tetrachloroethene	9.34	164	35053	18.329	ug/l	96
65) Chlorobenzene	10.14	112	102407	17.897	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	36507	18.186	ug/l	99
67) Ethyl Benzene	10.25	91	187485	17.572	ug/l	100
68) m/p-Xylenes	10.36	106	132818	34.622	ug/l	100
69) o-Xylene	10.70	106	66609	17.916	ug/l	97
70) Styrene	10.71	104	114601	17.882	ug/l	99
71) Bromoform	10.85	173	27424	17.888	ug/l #	98
73) Isopropylbenzene	11.02	105	173943	18.208	ug/l	100
74) N-amyl acetate	10.90	43	104958	18.674	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	68655	18.896	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	79003	24.948	ug/l	81
77) Bromobenzene	11.26	156	41879	18.235	ug/l	100
78) n-propylbenzene	11.36	91	197130	17.722	ug/l	100
79) 2-Chlorotoluene	11.42	91	119103	17.693	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	147490	18.392	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	20806	18.111	ug/l	92
82) 4-Chlorotoluene	11.51	91	136354	17.499	ug/l	100
83) tert-Butylbenzene	11.77	119	137723	17.851	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	148000	18.227	ug/l	100
85) sec-Butylbenzene	11.94	105	164622	17.964	ug/l	99
86) p-Isopropyltoluene	12.06	119	148039	17.998	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	72189	17.558	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	72005	17.295	ug/l	99
89) n-Butylbenzene	12.38	91	134220	17.400	ug/l	99
90) Hexachloroethane	12.60	117	23756	17.413	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	73832	18.086	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14367	17.975	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

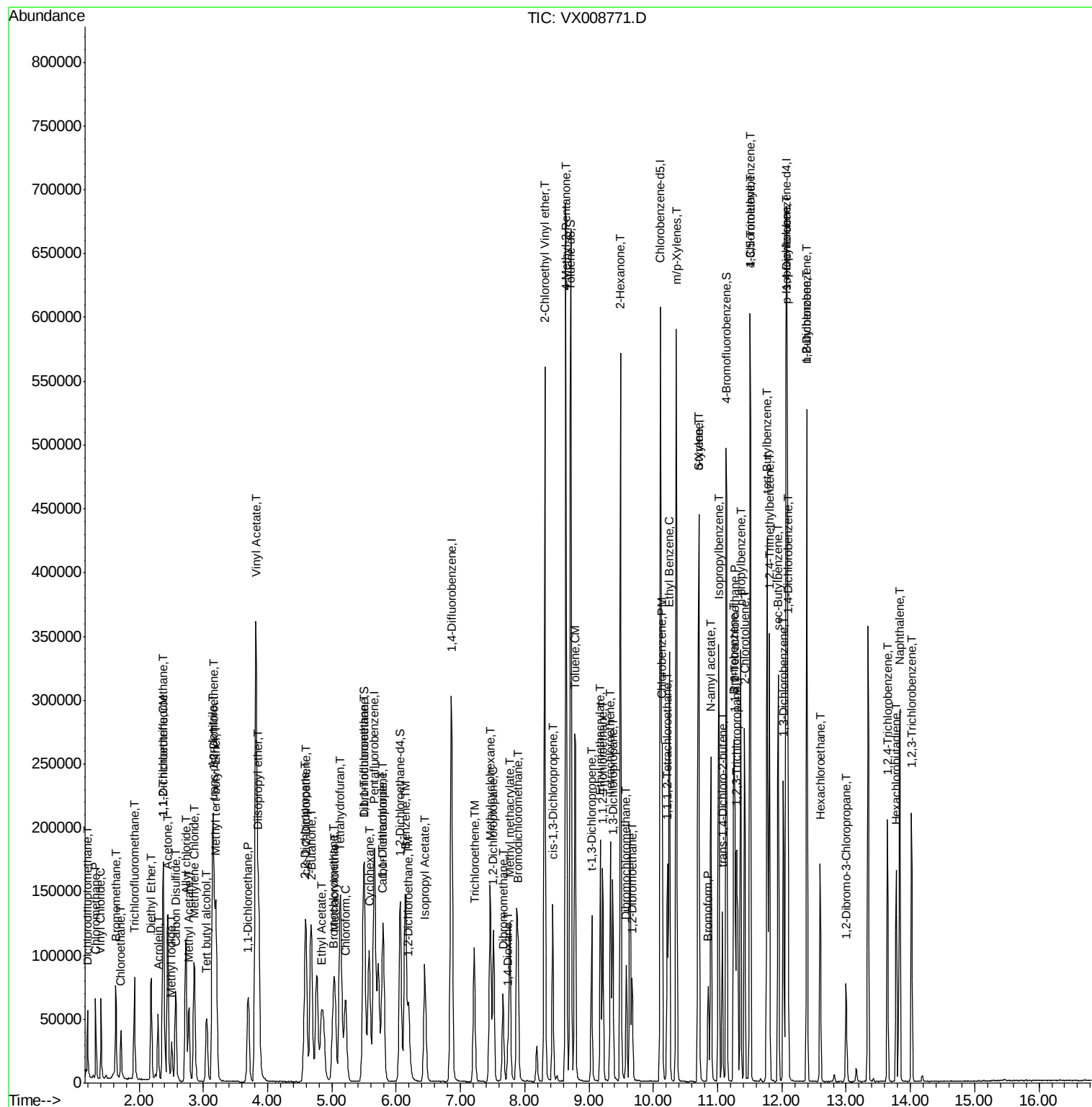
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	49091	17.296	ug/l	99
94) Hexachlorobutadiene	13.78	225	24111	17.713	ug/l	99
95) Naphthalene	13.83	128	174127	18.356	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	50168	17.691	ug/l	99

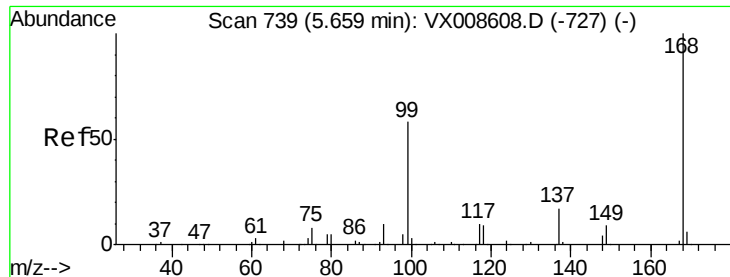
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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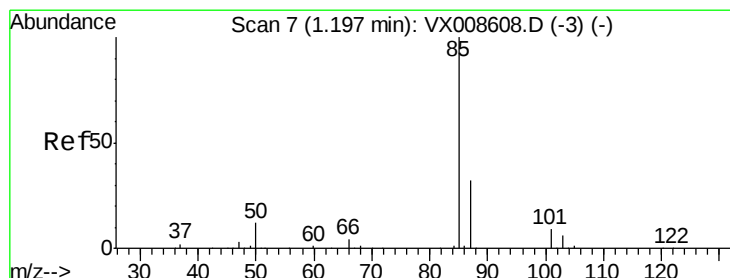
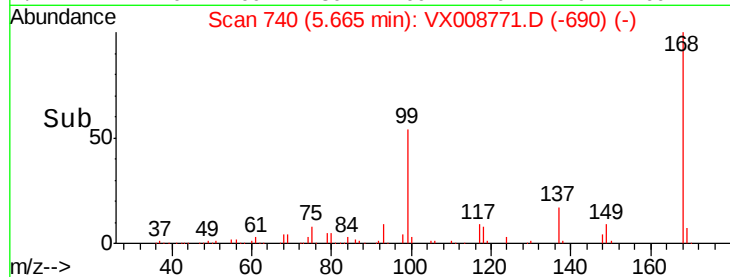
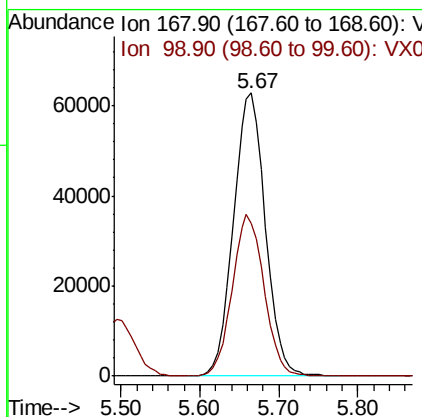
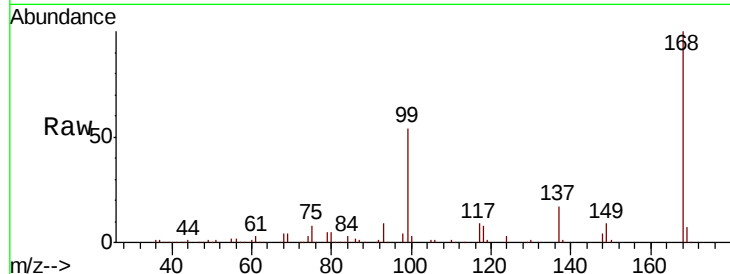




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX008771.D
Acq: 09 Apr 2019 15:25

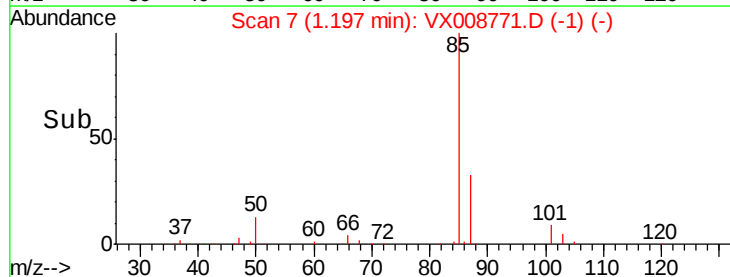
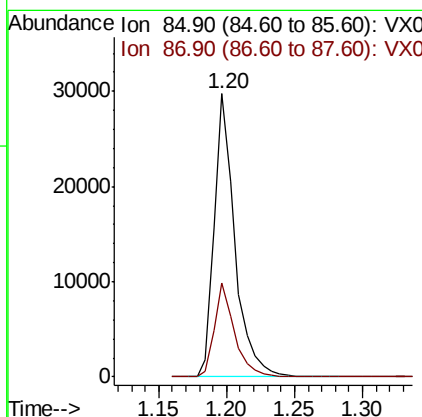
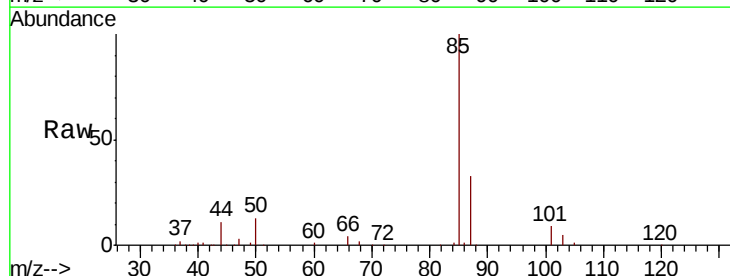
Instrument :
MSVOA_X
ClientSampleId :
VX0409MBS01

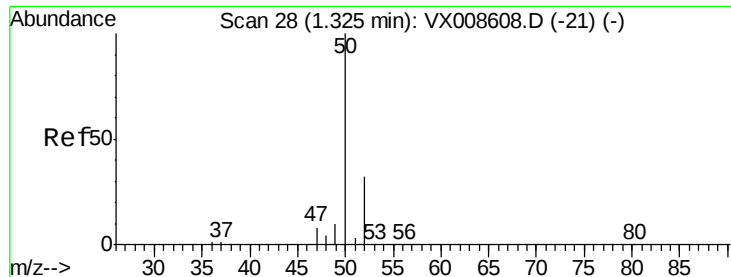
Tgt Ion: 168 Resp: 176400
Ion Ratio Lower Upper
168 100
99 54.0 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 15.364 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX008771.D
Acq: 09 Apr 2019 15:25

Tgt Ion: 85 Resp: 31197
Ion Ratio Lower Upper
85 100
87 33.2 15.8 47.3





#3

Chloromethane

Concen: 16.992 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008771.D

Acq: 09 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

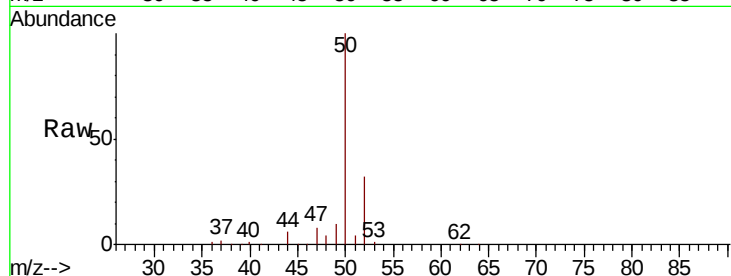
VX0409MBS01

Tgt Ion: 50 Resp: 45060

Ion Ratio Lower Upper

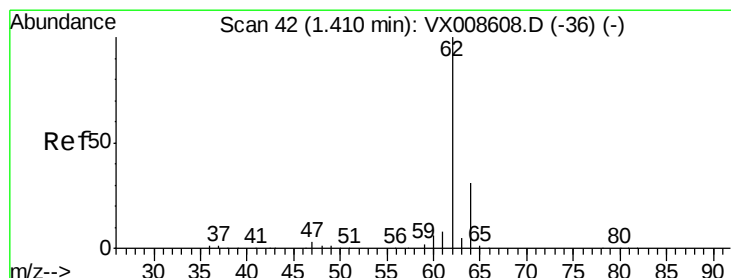
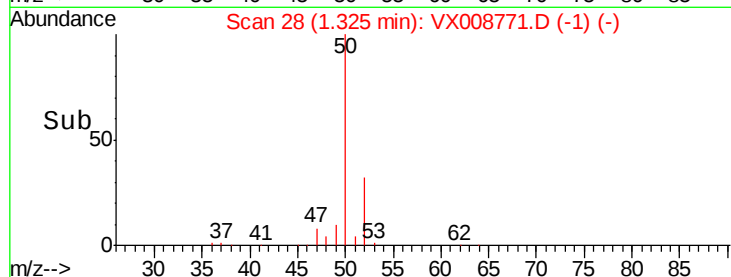
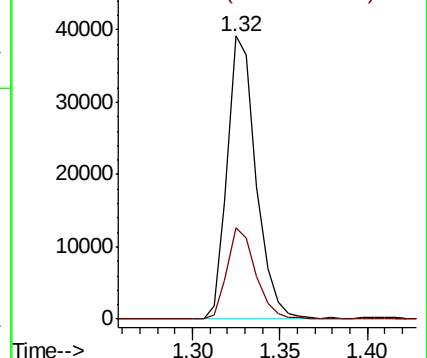
50 100

52 32.2 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 16.302 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX008771.D

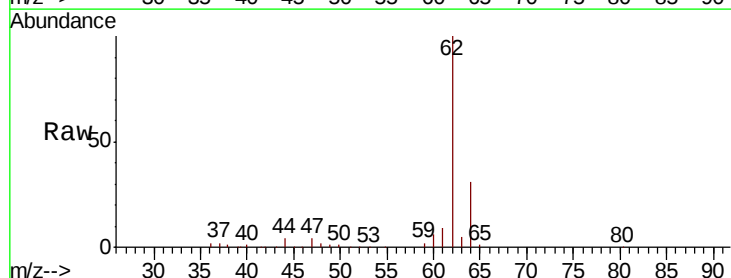
Acq: 09 Apr 2019 15:25

Tgt Ion: 62 Resp: 44746

Ion Ratio Lower Upper

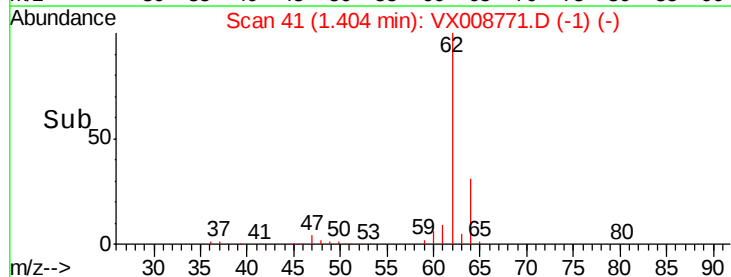
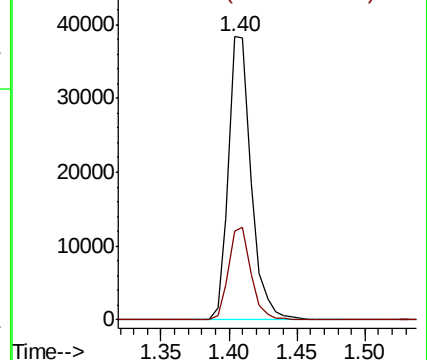
62 100

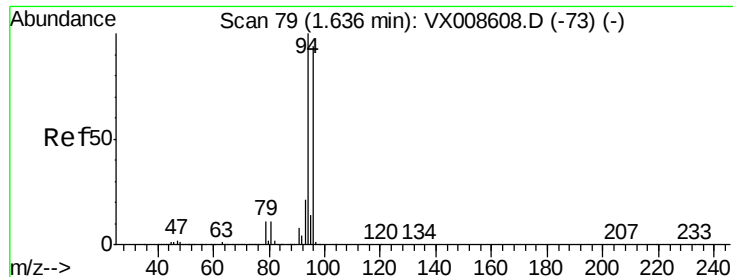
64 31.2 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.658 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008771.D

Acq: 09 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

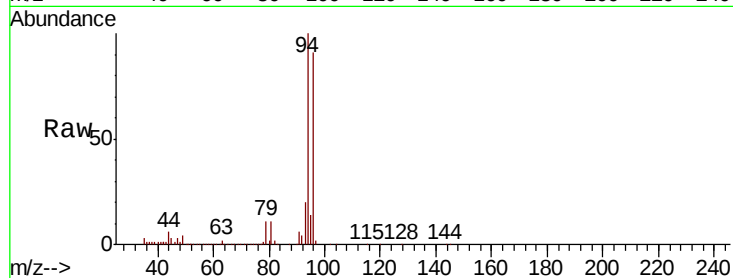
VX0409MBS01

Tgt Ion: 94 Resp: 23568

Ion Ratio Lower Upper

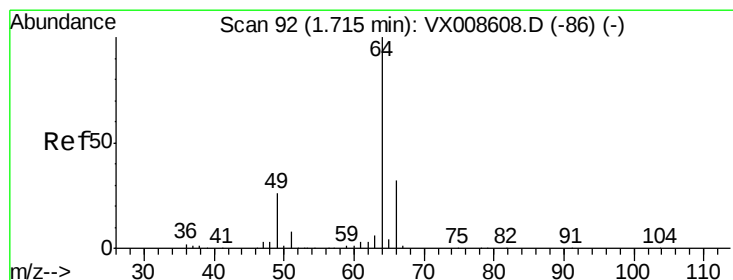
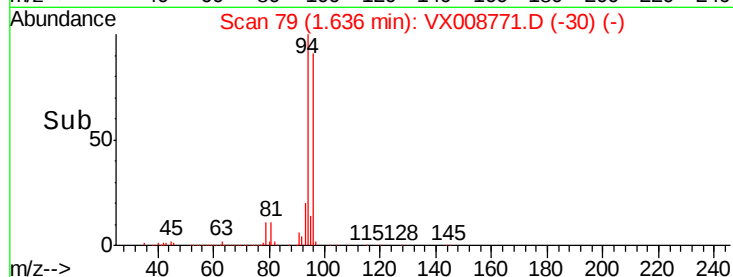
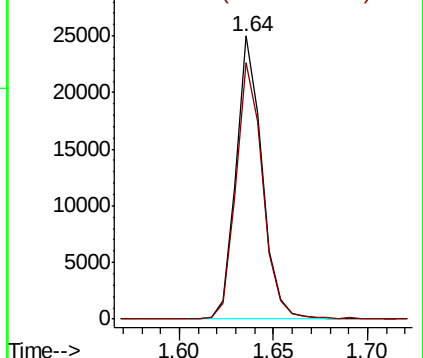
94 100

96 90.9 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 16.501 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008771.D

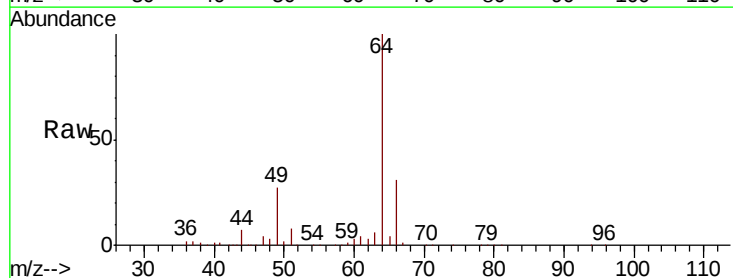
Acq: 09 Apr 2019 15:25

Tgt Ion: 64 Resp: 27777

Ion Ratio Lower Upper

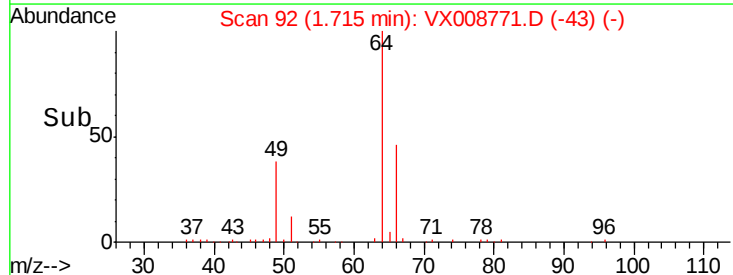
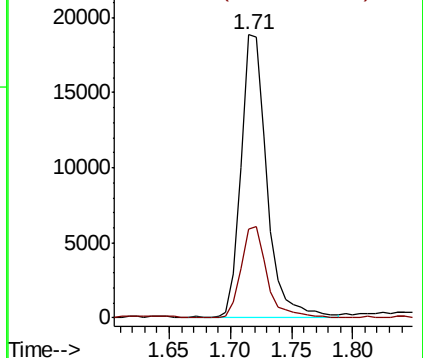
64 100

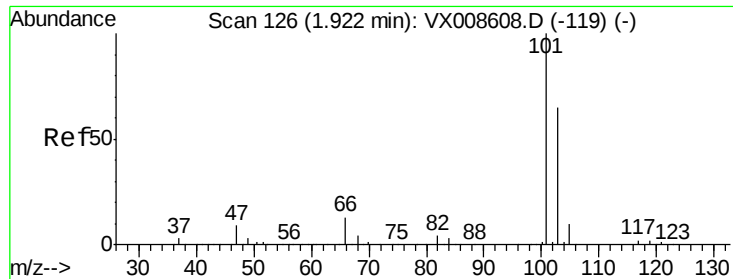
66 31.2 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



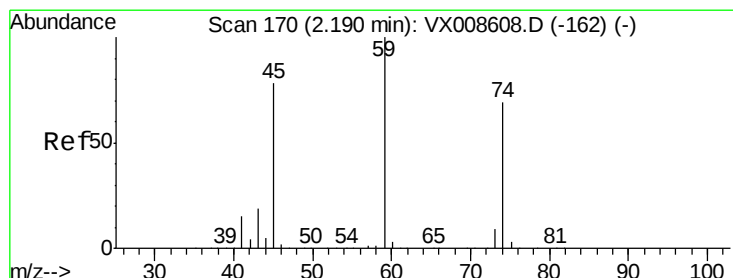
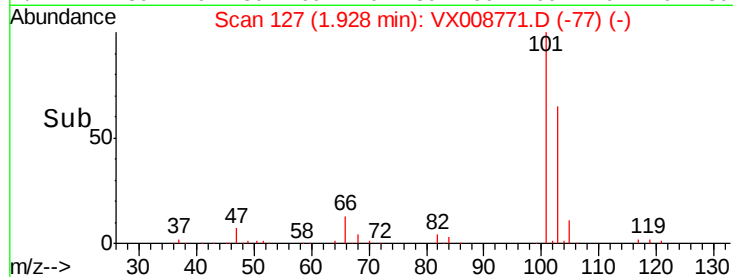
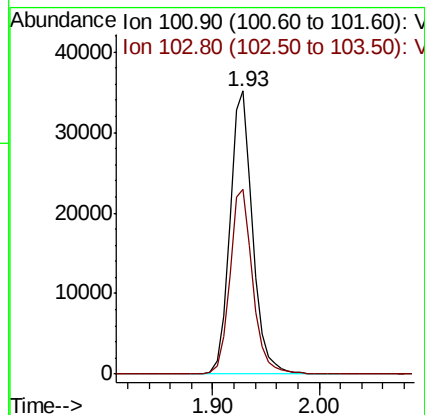
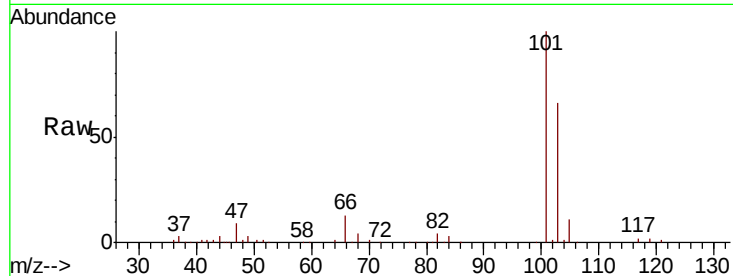


#7

Trichlorofluoromethane
 Concen: 17.228 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX008771.D
 Acq: 09 Apr 2019 15:25

Instrument :
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 VX0409MBS01

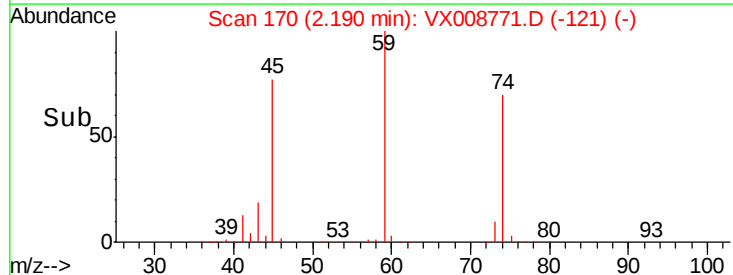
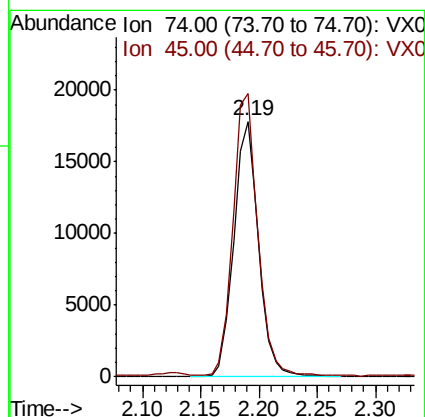
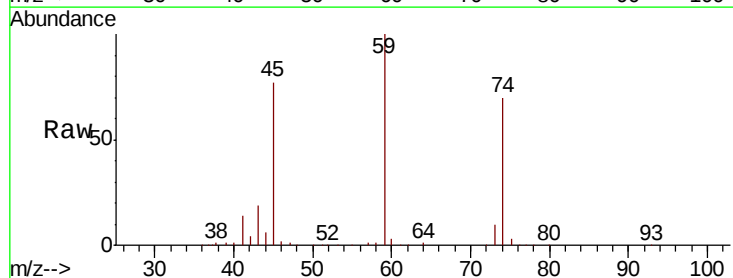
Tgt Ion:101 Resp: 52273
 Ion Ratio Lower Upper
 101 100
 103 65.5 52.3 78.5

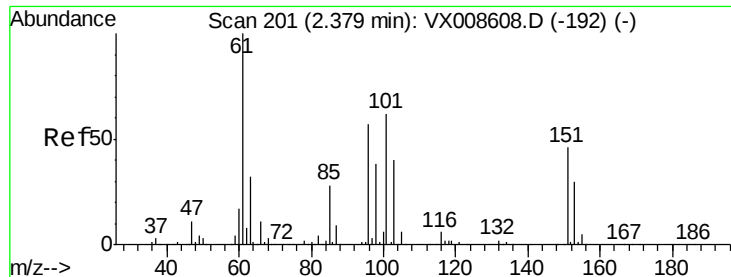


#8

Diethyl Ether
 Concen: 18.307 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008771.D
 Acq: 09 Apr 2019 15:25

Tgt Ion: 74 Resp: 26342
 Ion Ratio Lower Upper
 74 100
 45 111.1 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.508 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008771.D

Acq: 09 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX0409MBS01

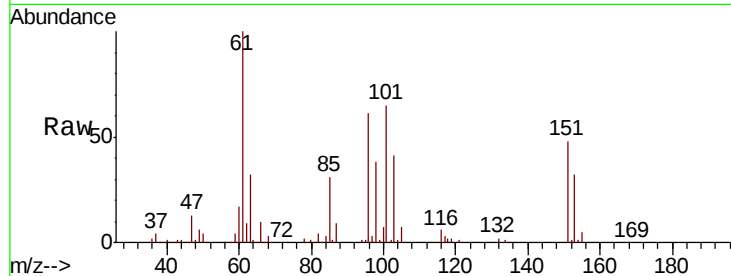
Tgt Ion:101 Resp: 34202

Ion Ratio Lower Upper

101 100

85 44.1 36.0 54.0

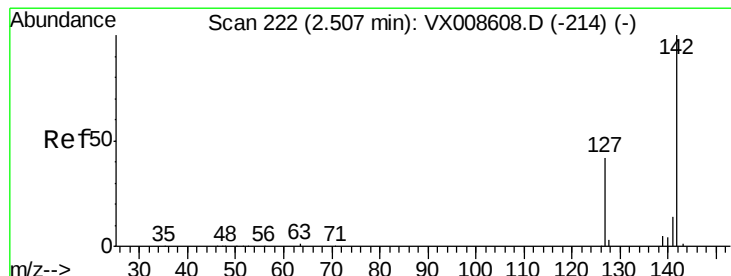
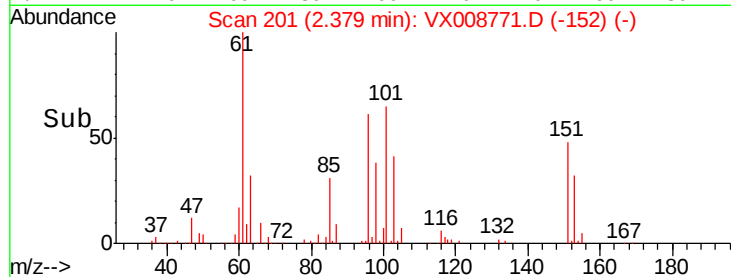
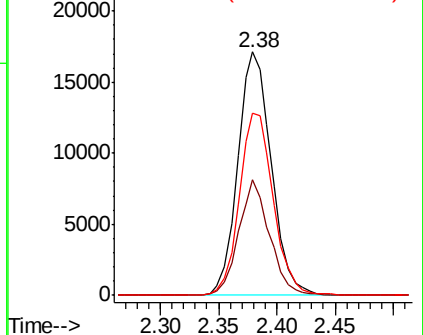
151 75.7 59.9 89.9



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: 20.292 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008771.D

Acq: 09 Apr 2019 15:25

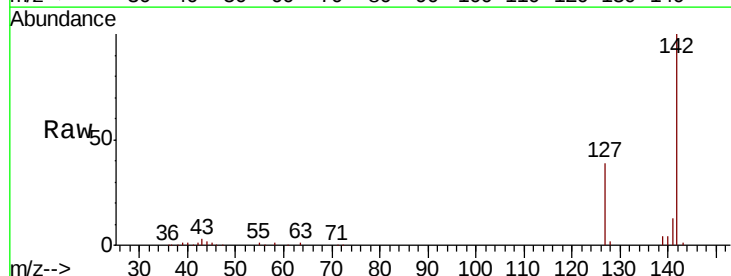
Tgt Ion:142 Resp: 31503

Ion Ratio Lower Upper

142 100

127 40.0 33.0 49.6

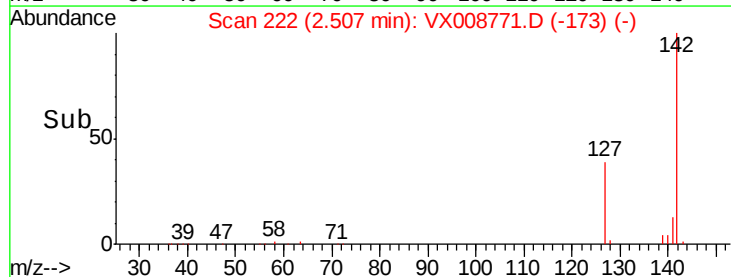
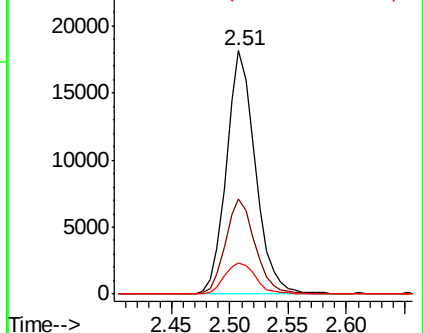
141 13.8 11.4 17.2

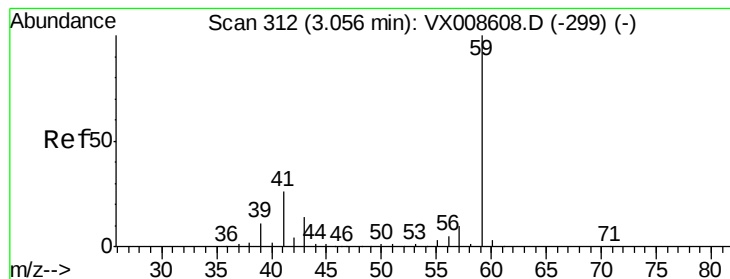


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



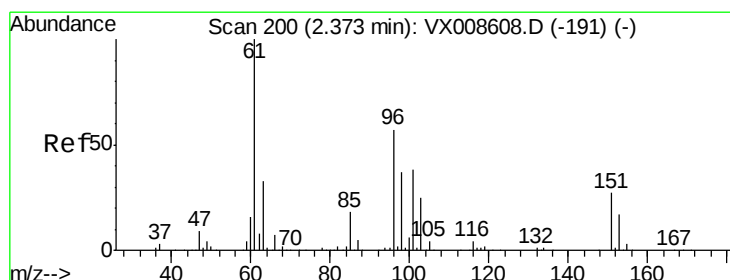
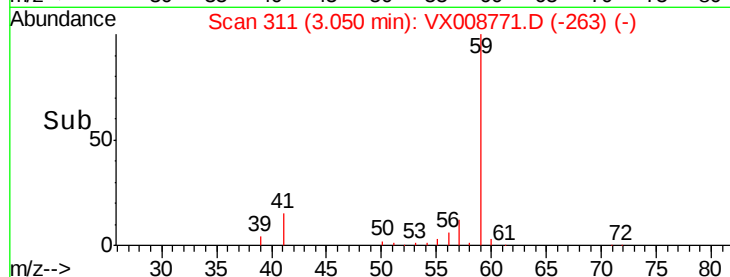
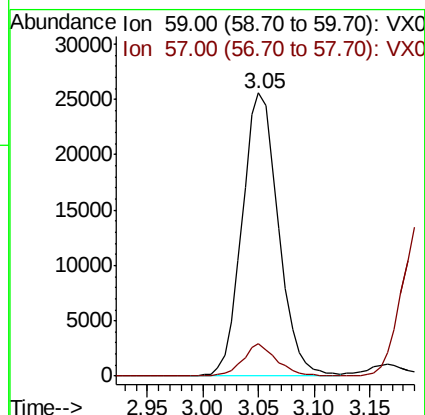
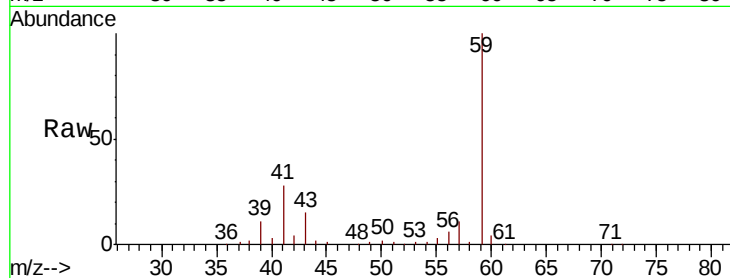


#11

Tert butyl alcohol
 Concen: 96.142 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. -0.01 min
 Lab File: VX008771.D
 Acq: 09 Apr 2019 15:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409MBS01

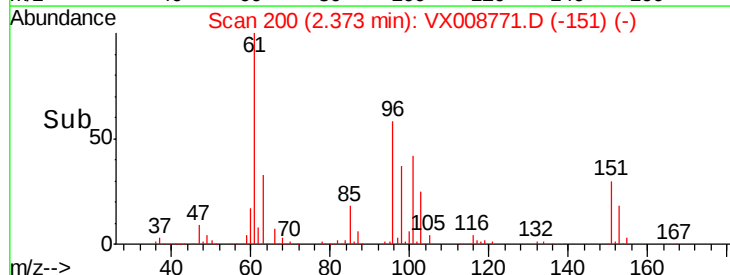
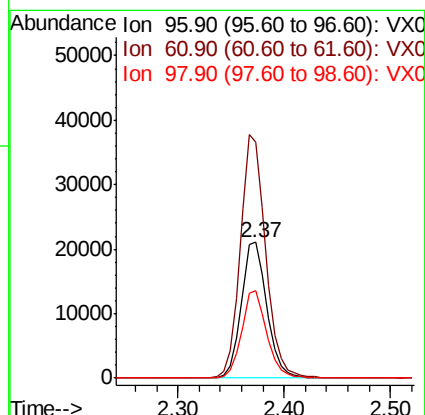
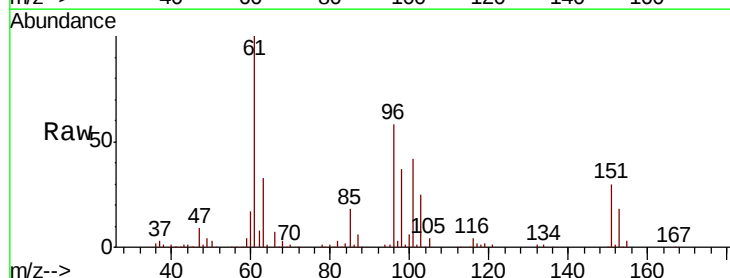
Tgt Ion: 59 Resp: 57911
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.3 12.5

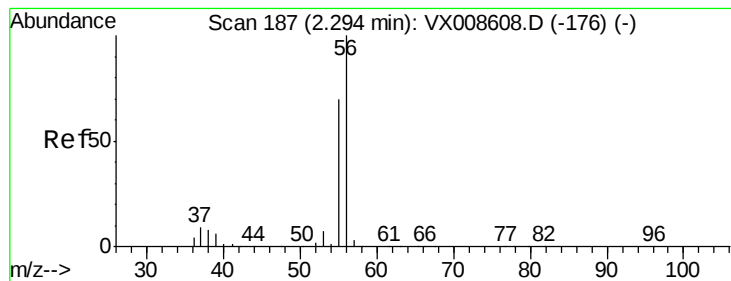


#12

1,1-Dichloroethene
 Concen: 17.415 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX008771.D
 Acq: 09 Apr 2019 15:25

Tgt Ion: 96 Resp: 35516
 Ion Ratio Lower Upper
 96 100
 61 173.3 140.9 211.3
 98 64.5 52.1 78.1





#13

Acrolein

Concen: 122.816 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008771.D

Acq: 09 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

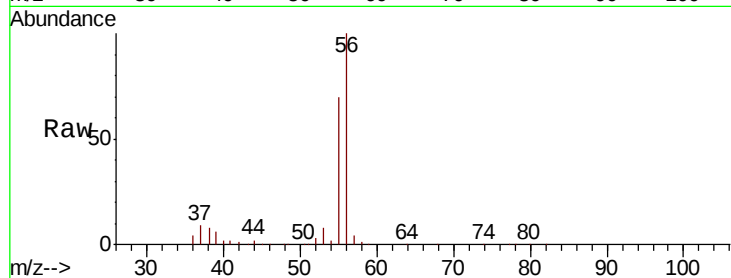
VX0409MBS01

Tgt Ion: 56 Resp: 36682

Ion Ratio Lower Upper

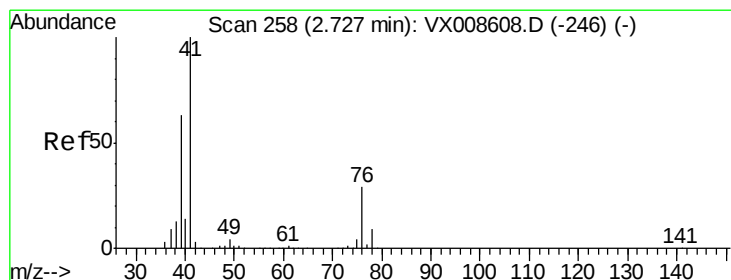
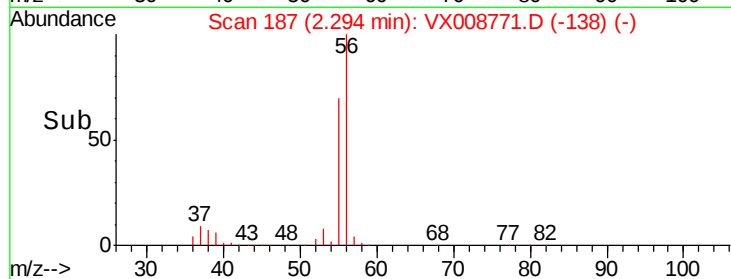
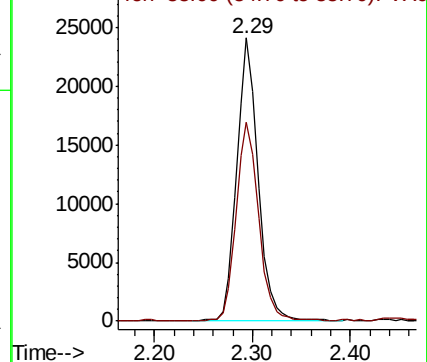
56 100

55 74.1 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 17.795 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008771.D

Acq: 09 Apr 2019 15:25

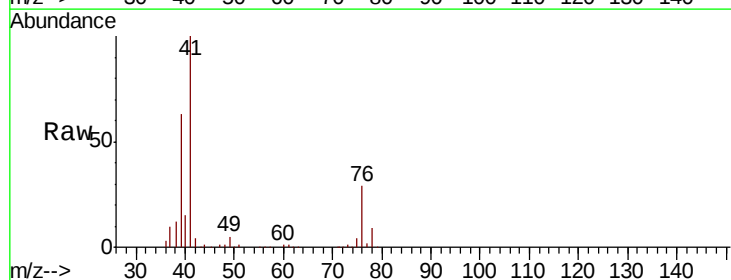
Tgt Ion: 41 Resp: 83077

Ion Ratio Lower Upper

41 100

39 58.9 48.0 72.0

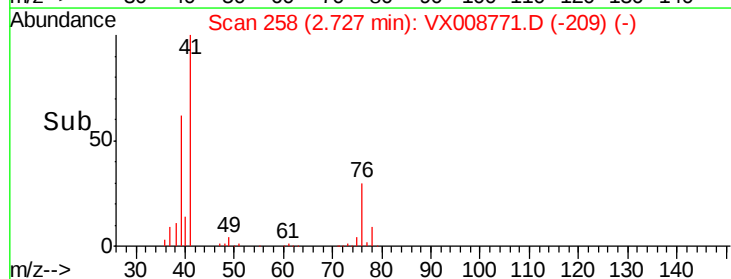
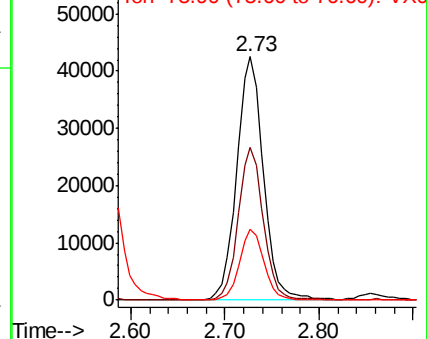
76 26.8 22.0 33.0

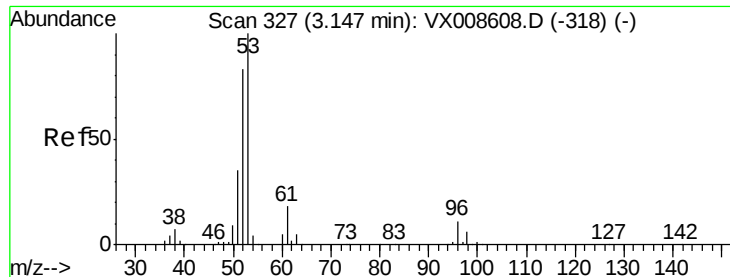


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 95.062 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008771.D

Acq: 09 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX0409MBS01

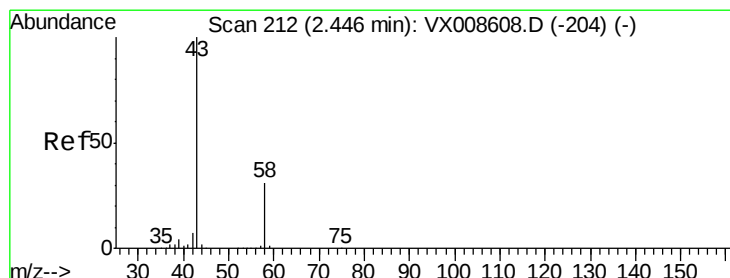
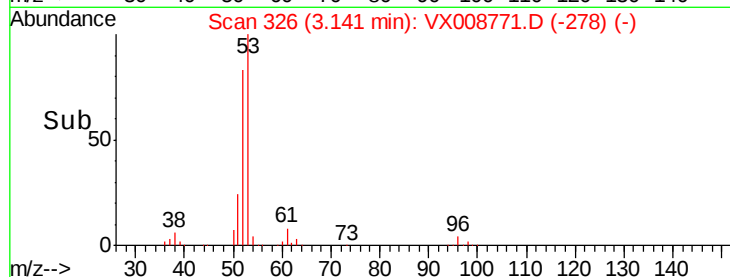
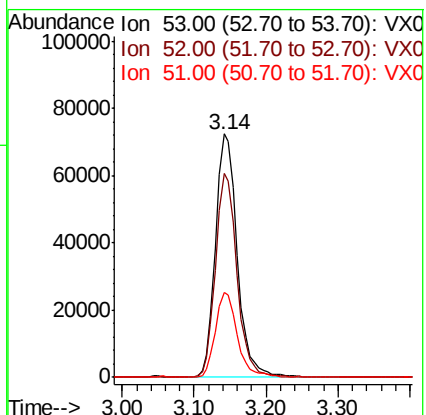
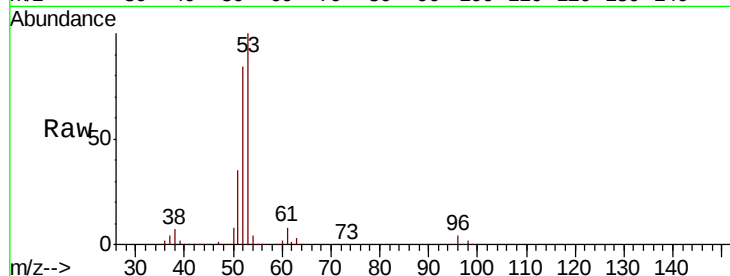
Tgt Ion: 53 Resp: 151693

Ion Ratio Lower Upper

53 100

52 82.7 66.5 99.7

51 35.2 28.6 42.8



#16

Acetone

Concen: 95.543 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008771.D

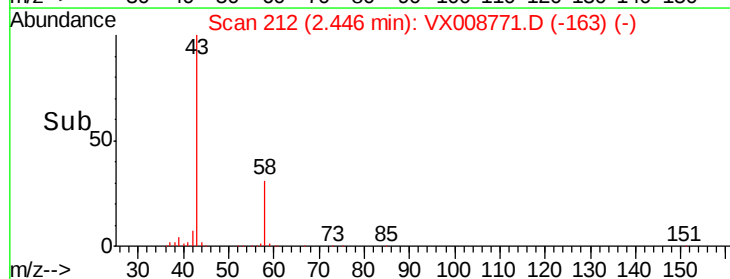
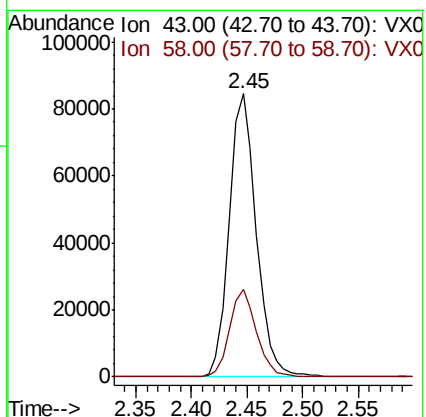
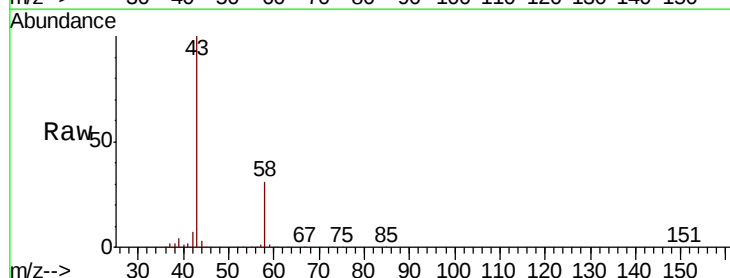
Acq: 09 Apr 2019 15:25

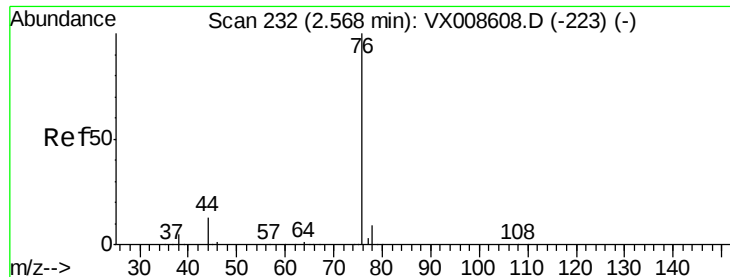
Tgt Ion: 43 Resp: 141587

Ion Ratio Lower Upper

43 100

58 30.8 24.8 37.2

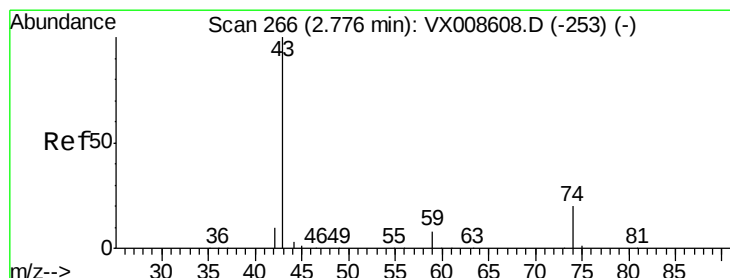
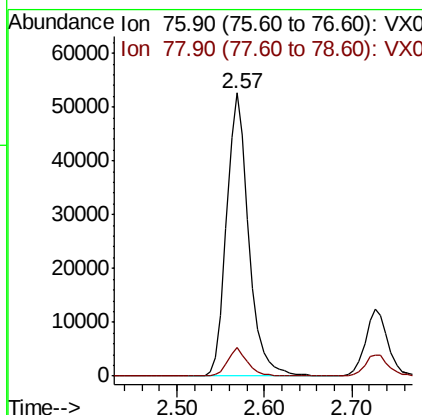
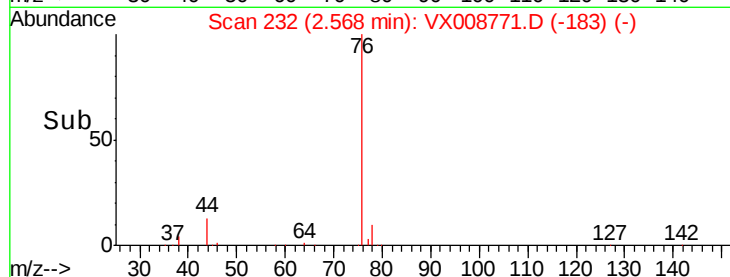
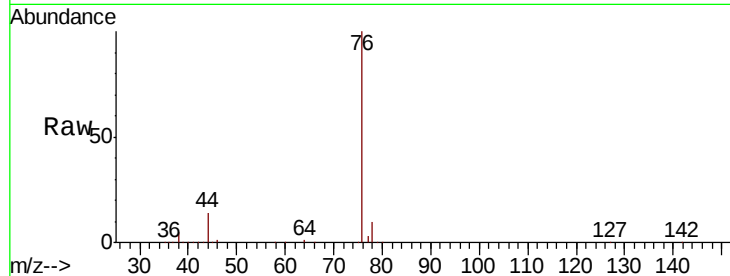




#17
Carbon Disulfide
Concen: 15.157 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008771.D
Acq: 09 Apr 2019 15:25

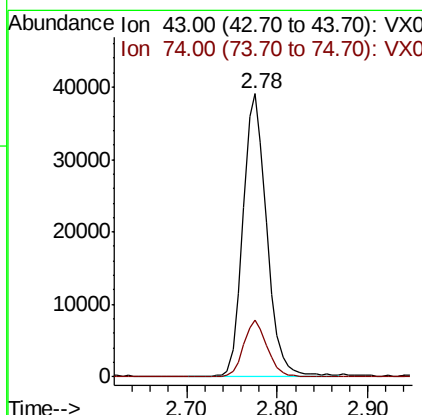
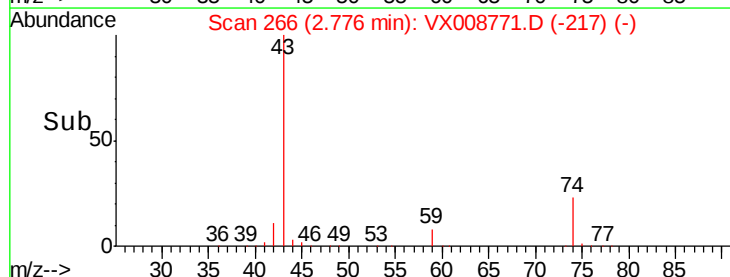
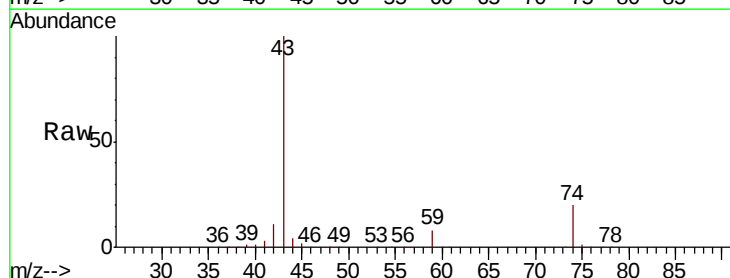
Instrument :
MSVOA_X
ClientSampleId :
VX0409MBS01

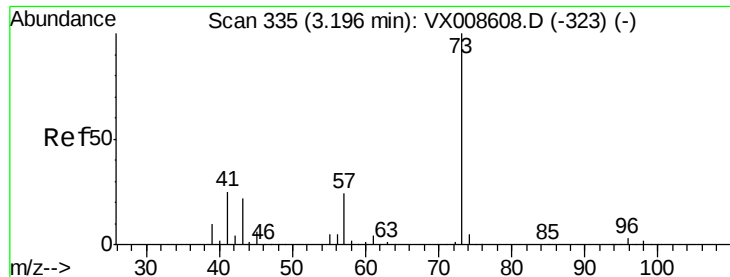
Tgt Ion: 76 Resp: 92295
Ion Ratio Lower Upper
76 100
78 9.9 7.1 10.7



#18
Methyl Acetate
Concen: 19.645 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008771.D
Acq: 09 Apr 2019 15:25

Tgt Ion: 43 Resp: 70606
Ion Ratio Lower Upper
43 100
74 20.4 16.5 24.7

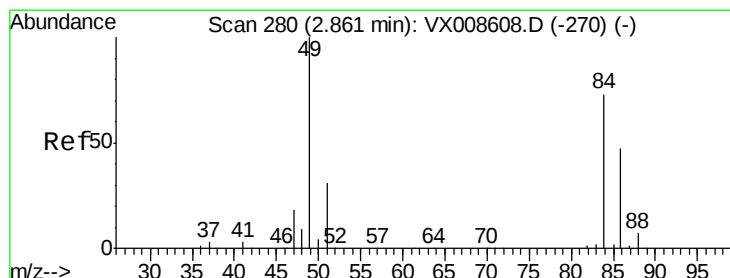
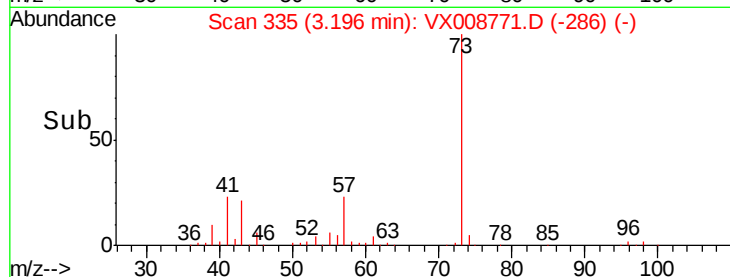
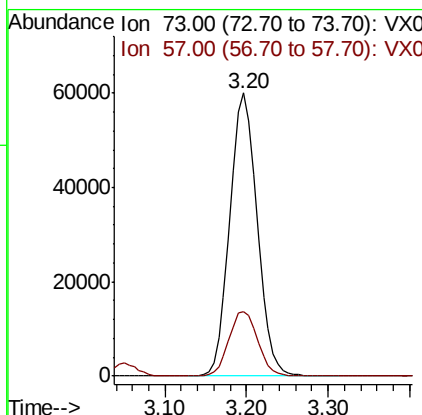
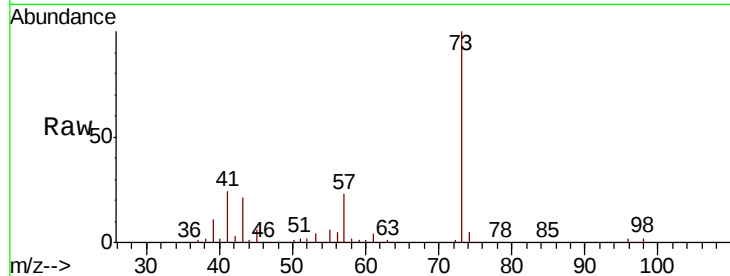




#19
Methyl tert-butyl Ether
Concen: 19.110 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008771.D
Acq: 09 Apr 2019 15:25

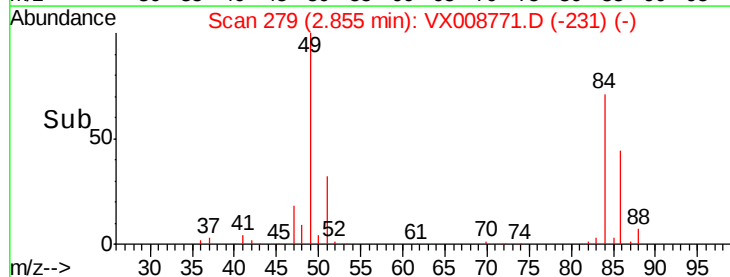
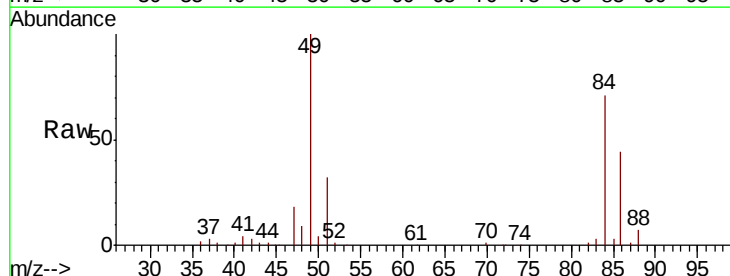
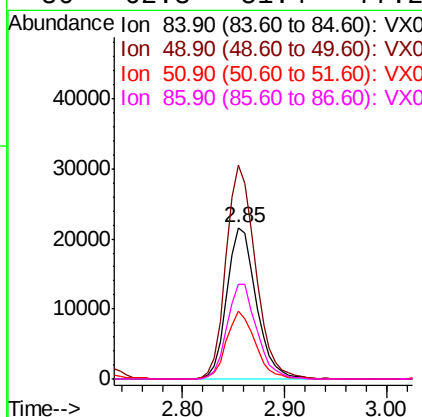
Instrument :
MSVOA_X
ClientSampleId :
VX0409MBS01

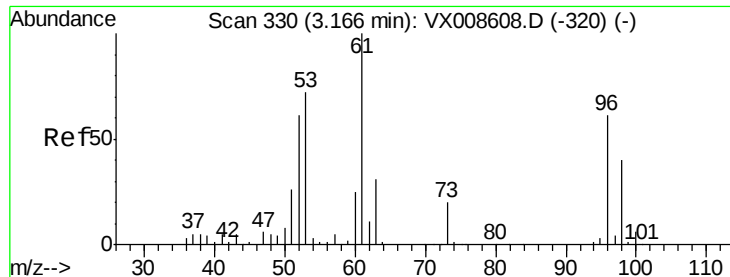
Tgt Ion: 73 Resp: 139175
Ion Ratio Lower Upper
73 100
57 22.9 19.5 29.3



#20
Methylene Chloride
Concen: 17.425 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008771.D
Acq: 09 Apr 2019 15:25

Tgt Ion: 84 Resp: 43224
Ion Ratio Lower Upper
84 100
49 140.9 109.7 164.5
51 44.5 33.6 50.4
86 62.3 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 16.966 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008771.D

Acq: 09 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX0409MBS01

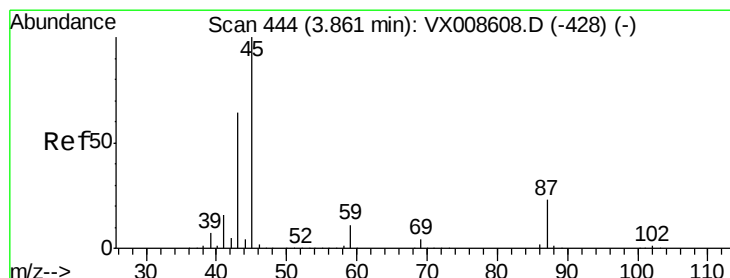
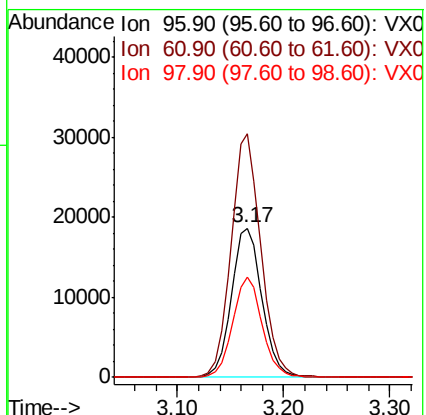
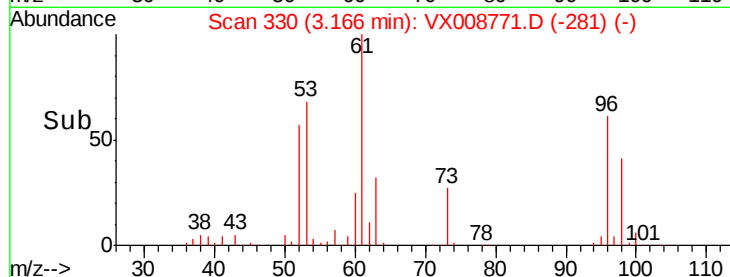
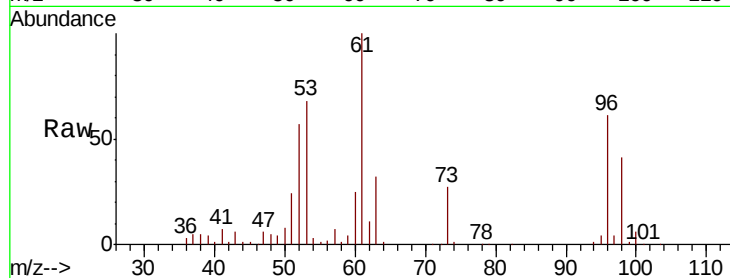
Tgt Ion: 96 Resp: 37426

Ion Ratio Lower Upper

96 100

61 163.1 132.1 198.1

98 66.9 52.2 78.2



#22

Diisopropyl ether

Concen: 18.880 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008771.D

Acq: 09 Apr 2019 15:25

Tgt Ion: 45 Resp: 169887

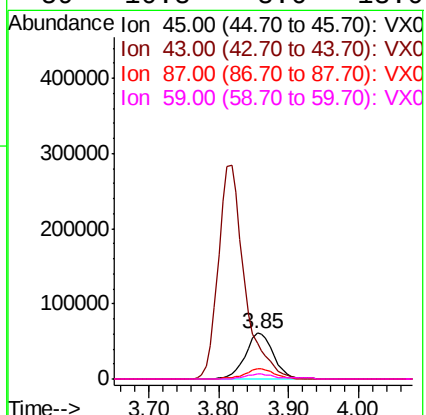
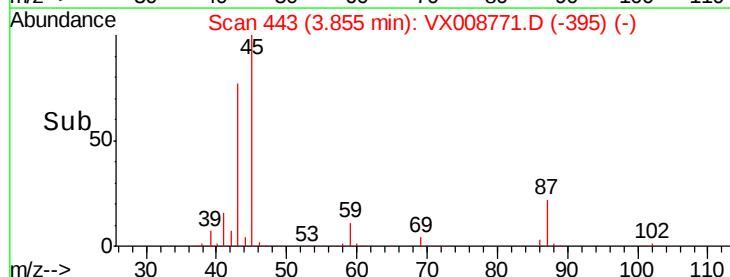
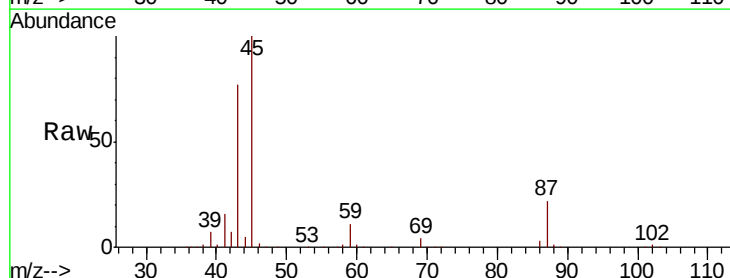
Ion Ratio Lower Upper

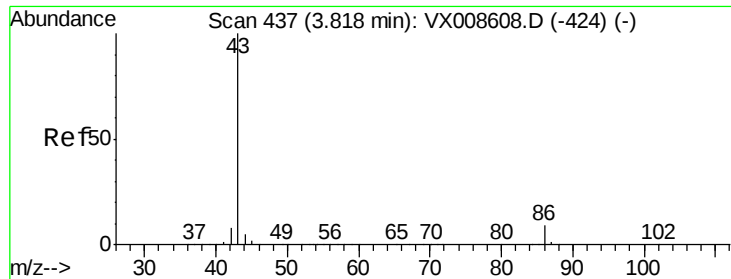
45 100

43 76.7 51.3 76.9

87 22.1 18.1 27.1

59 10.8 8.6 13.0





#23

Vinyl Acetate

Concen: 94.888 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX008771.D

Acq: 09 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

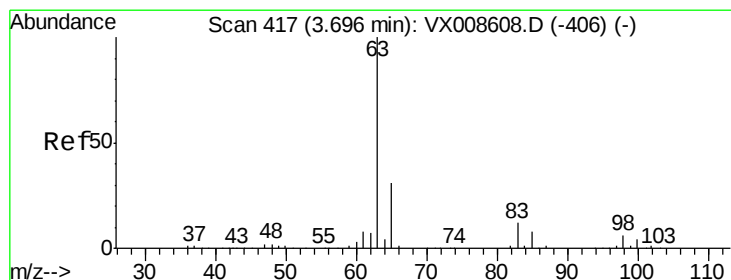
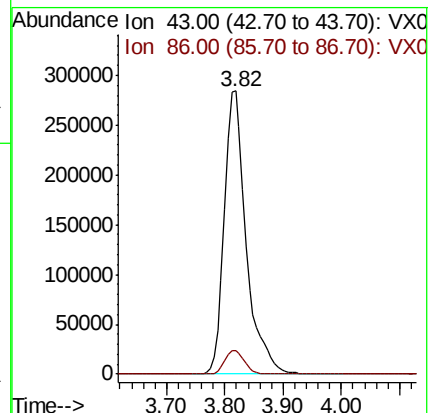
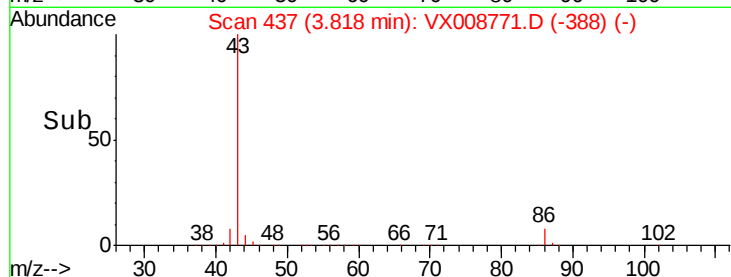
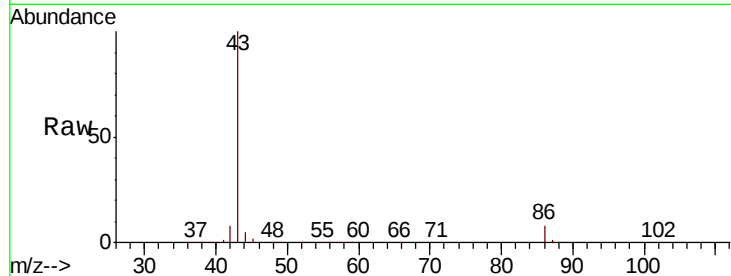
VX0409MBS01

Tgt Ion: 43 Resp: 742773

Ion Ratio Lower Upper

43 100

86 8.3 7.0 10.6



#24

1,1-Dichloroethane

Concen: 18.235 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008771.D

Acq: 09 Apr 2019 15:25

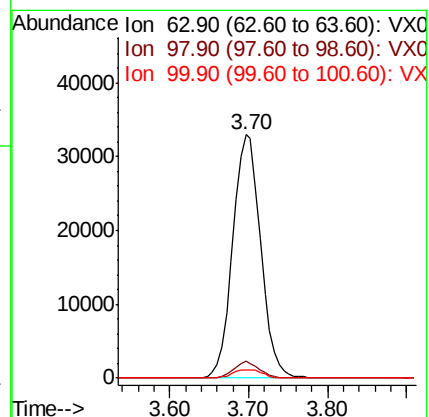
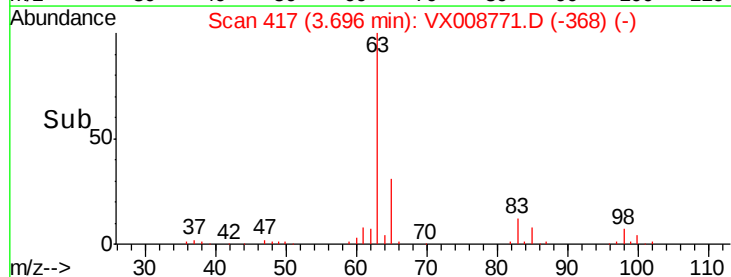
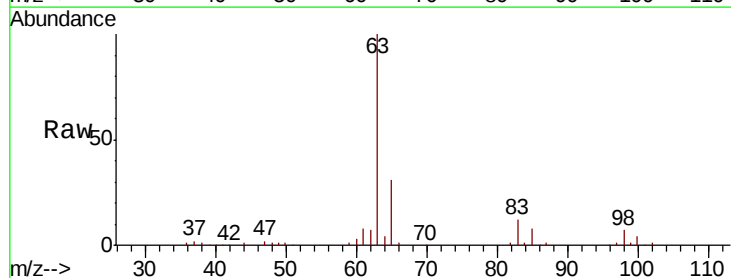
Tgt Ion: 63 Resp: 81241

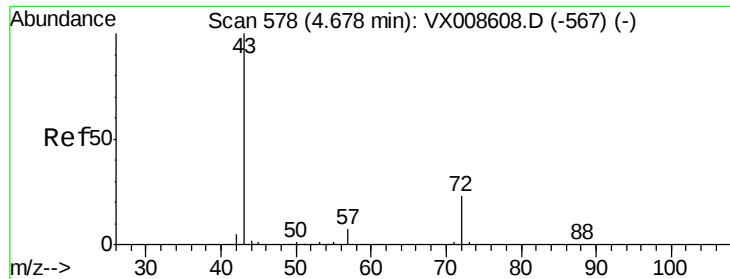
Ion Ratio Lower Upper

63 100

98 7.0 2.8 8.4

100 3.5 1.8 5.5





#25

2-Butanone

Concen: 98.194 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.00 min

Lab File: VX008771.D

Acq: 09 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

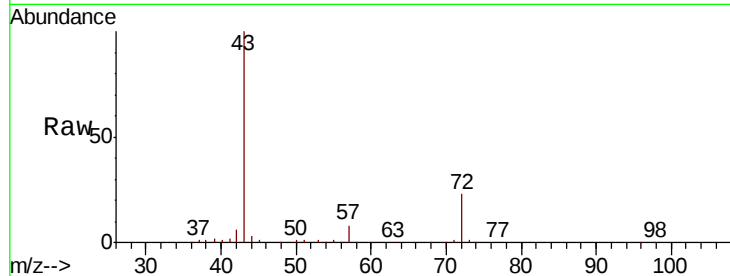
VX0409MBS01

Tgt Ion: 43 Resp: 229991

Ion Ratio Lower Upper

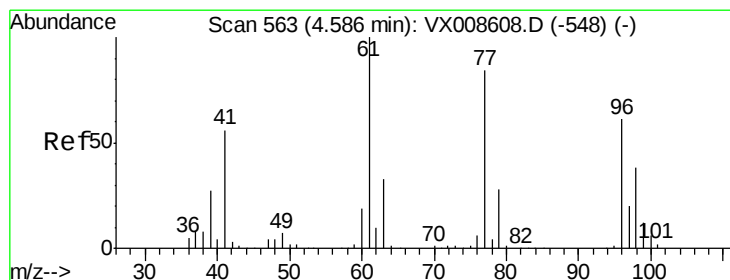
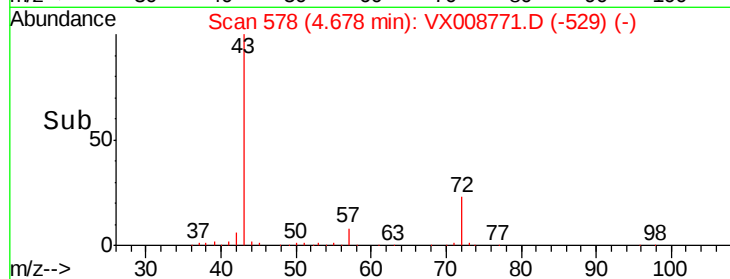
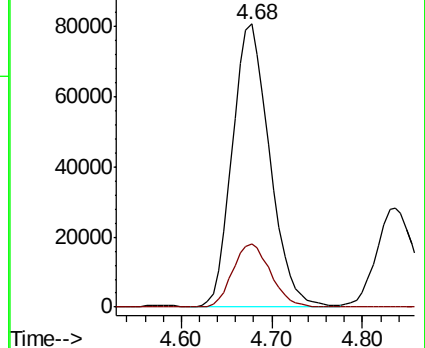
43 100

72 22.5 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 17.849 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008771.D

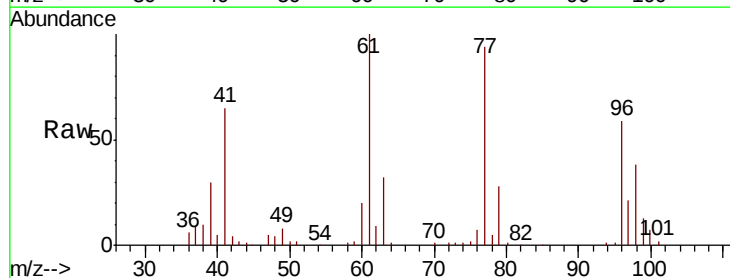
Acq: 09 Apr 2019 15:25

Tgt Ion: 77 Resp: 56007

Ion Ratio Lower Upper

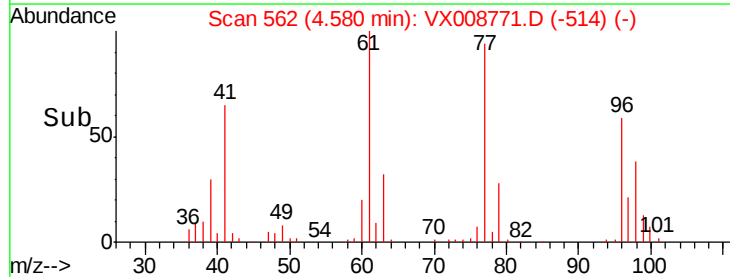
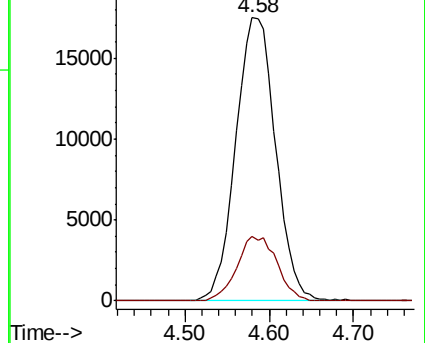
77 100

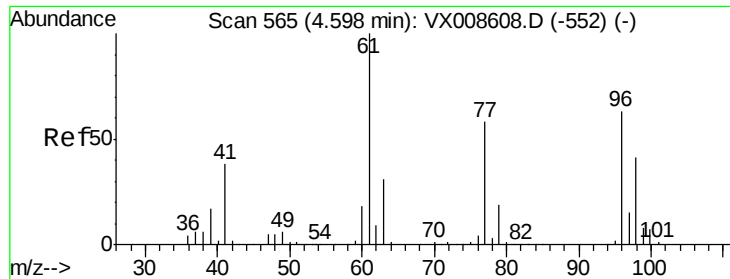
97 22.9 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



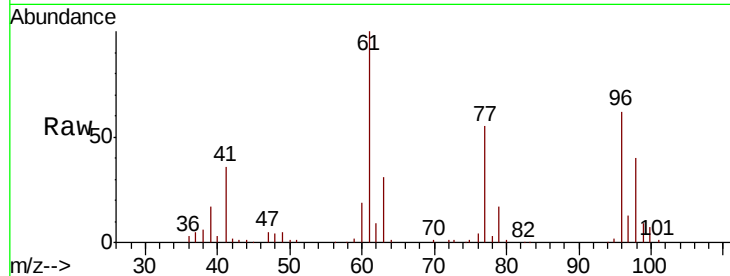


#27

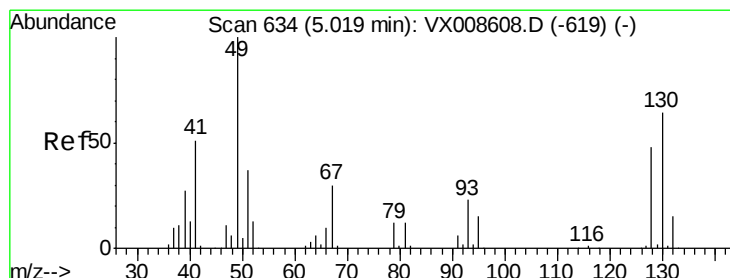
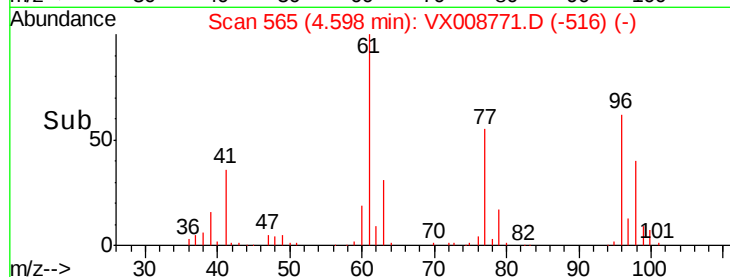
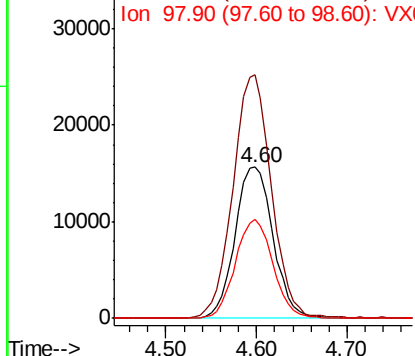
cis-1,2-Dichloroethene
Concen: 17.970 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008771.D
Acq: 09 Apr 2019 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX0409MBS01

Tgt Ion: 96 Resp: 45574
Ion Ratio Lower Upper
96 100
61 162.4 0.0 327.6
98 64.7 0.0 128.6



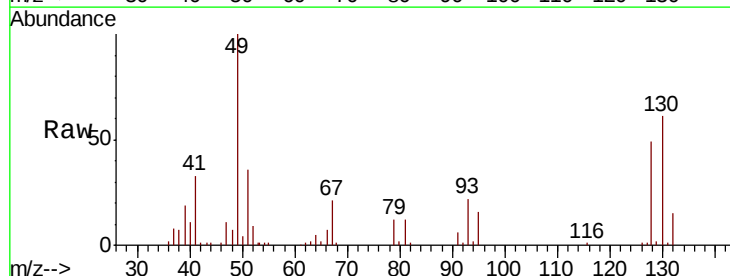
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



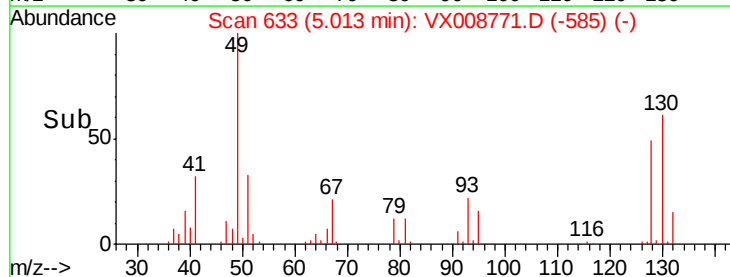
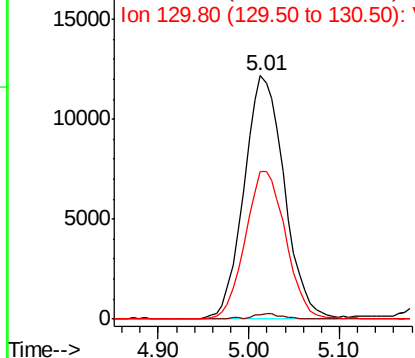
#28

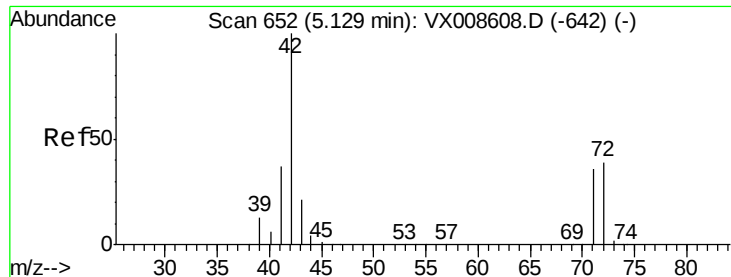
Bromochloromethane
Concen: 18.200 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008771.D
Acq: 09 Apr 2019 15:25

Tgt Ion: 49 Resp: 37452
Ion Ratio Lower Upper
49 100
129 1.5 0.0 3.6
130 60.9 49.3 73.9



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

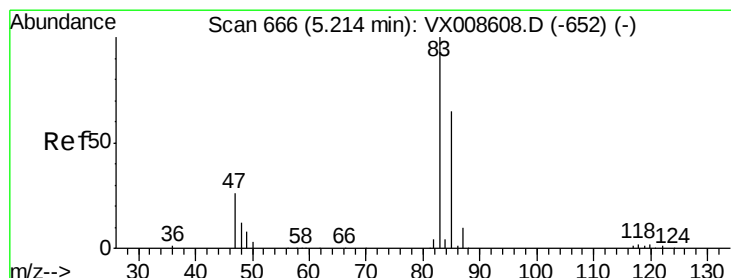
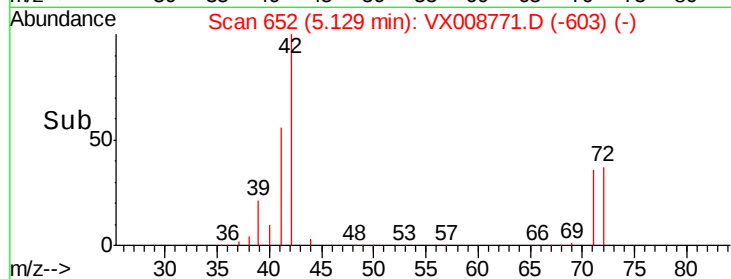
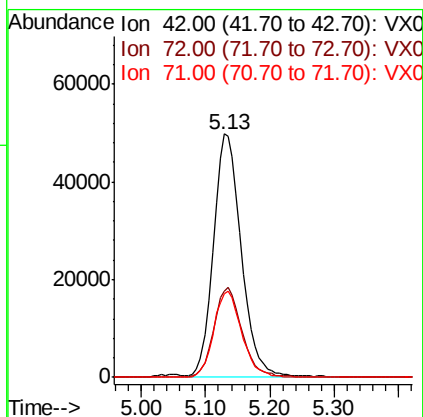
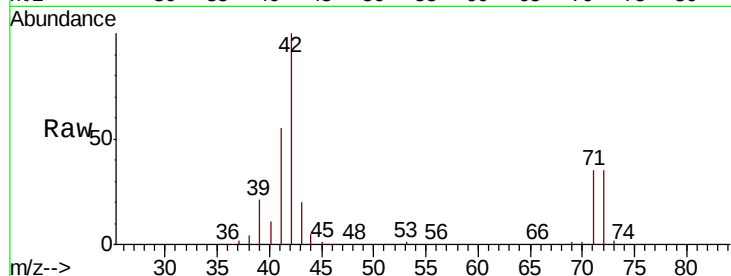




#29
Tetrahydrofuran
Concen: 96.906 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX008771.D
Acq: 09 Apr 2019 15:25

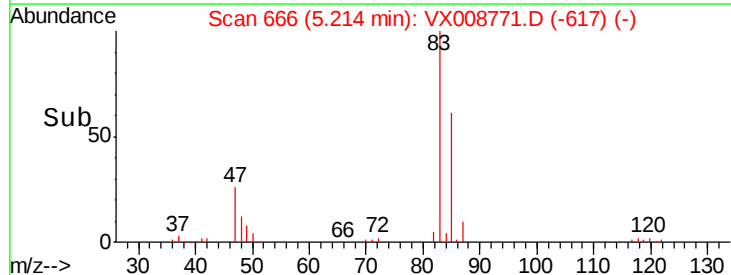
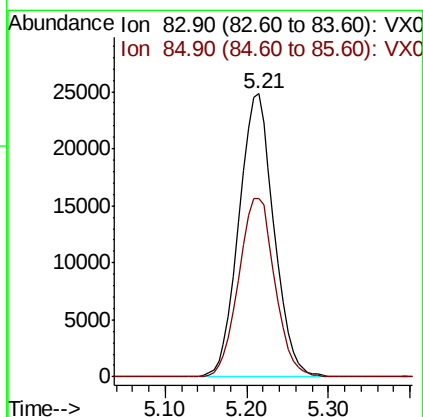
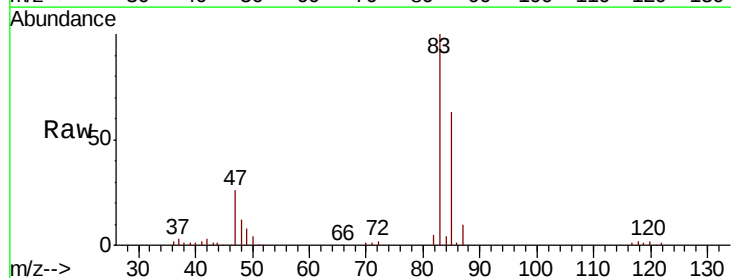
Instrument :
MSVOA_X
ClientSampleId :
VX0409MBS01

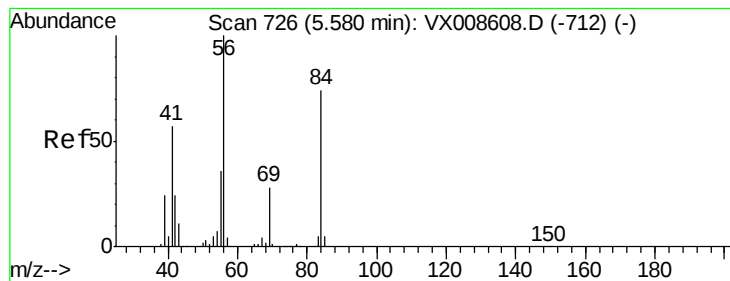
Tgt Ion: 42 Resp: 150648
Ion Ratio Lower Upper
42 100
72 37.6 30.5 45.7
71 35.7 28.6 43.0



#30
Chloroform
Concen: 18.591 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX008771.D
Acq: 09 Apr 2019 15:25

Tgt Ion: 83 Resp: 73975
Ion Ratio Lower Upper
83 100
85 63.2 52.1 78.1





#31

Cyclohexane

Concen: 16.925 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008771.D

Acq: 09 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX0409MBS01

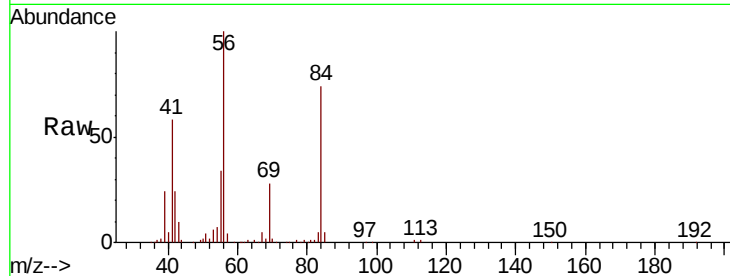
Tgt Ion: 56 Resp: 75237

Ion Ratio Lower Upper

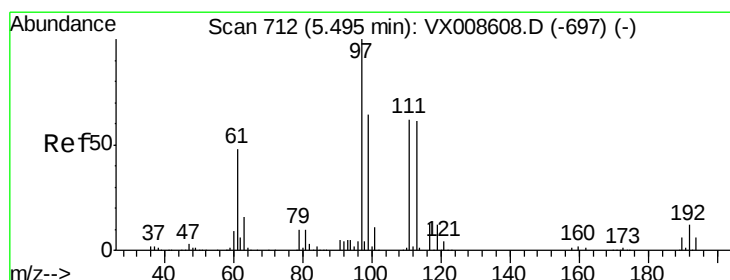
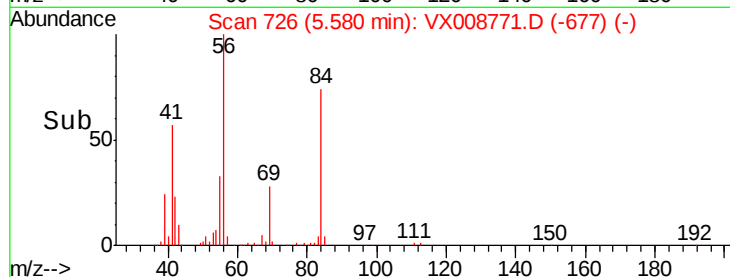
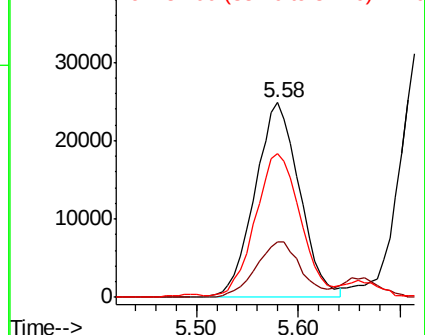
56 100

69 28.3 22.6 33.8

84 72.7 59.3 88.9



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



#32

1,1,1-Trichloroethane

Concen: 18.165 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX008771.D

Acq: 09 Apr 2019 15:25

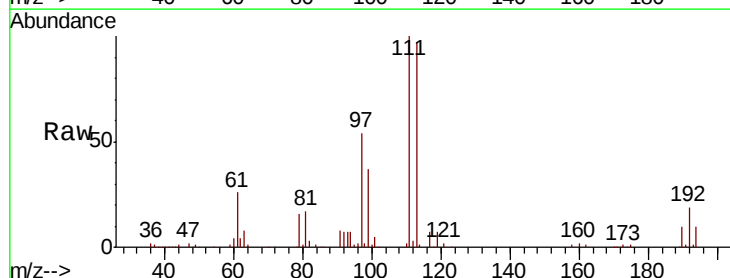
Tgt Ion: 97 Resp: 58409

Ion Ratio Lower Upper

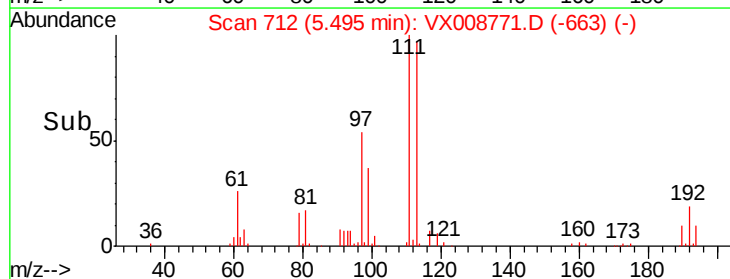
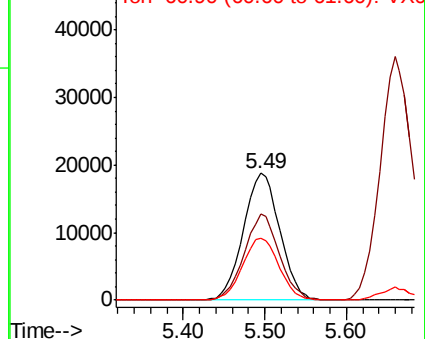
97 100

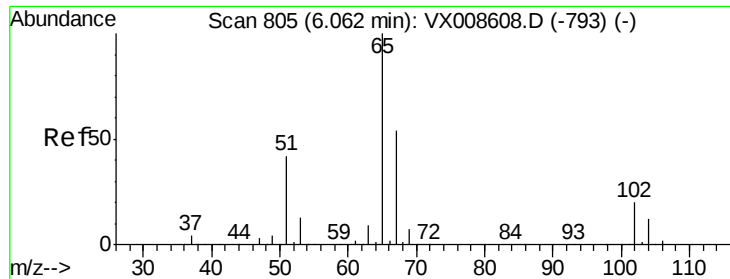
99 65.2 51.3 76.9

61 49.6 38.9 58.3



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

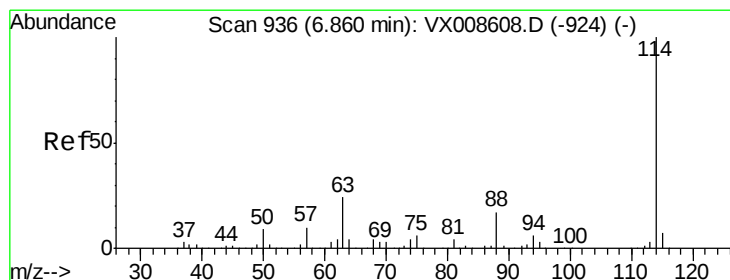
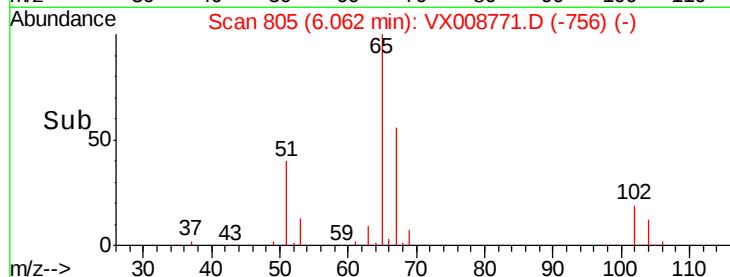
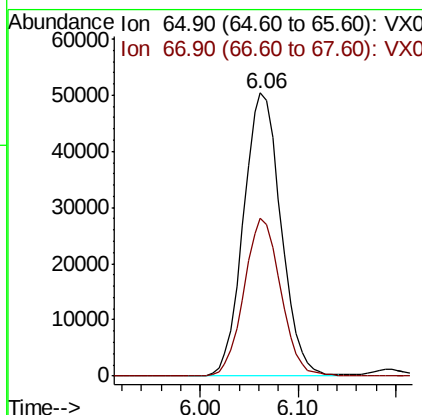
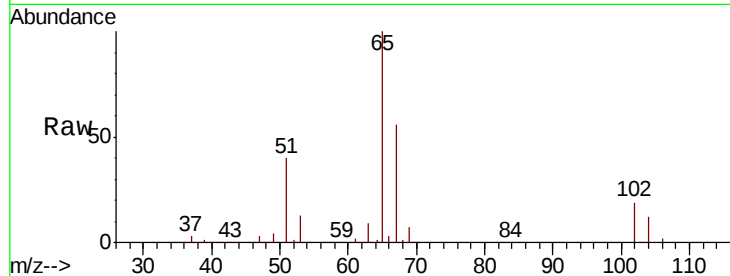




#33
 1,2-Dichloroethane-d4
 Concen: 52.090 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008771.D
 Acq: 09 Apr 2019 15:25

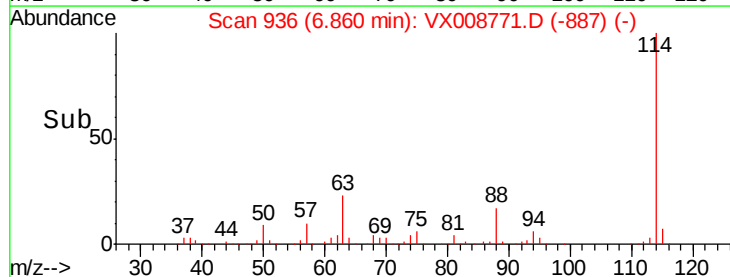
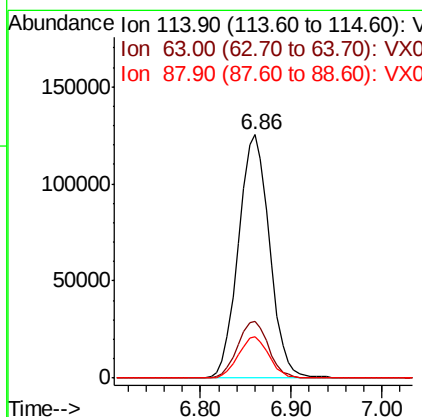
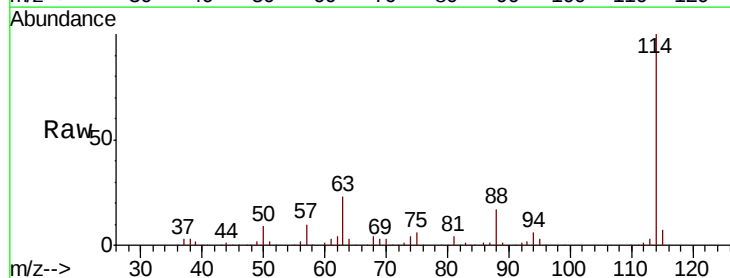
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409MBS01

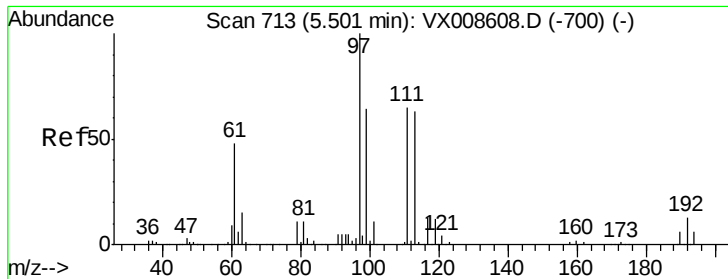
Tgt Ion: 65 Resp: 134021
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008771.D
 Acq: 09 Apr 2019 15:25

Tgt Ion: 114 Resp: 297806
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 47.2
 88 16.9 0.0 34.0





#35

Dibromofluoromethane

Concen: 51.628 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008771.D

Acq: 09 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX0409MBS01

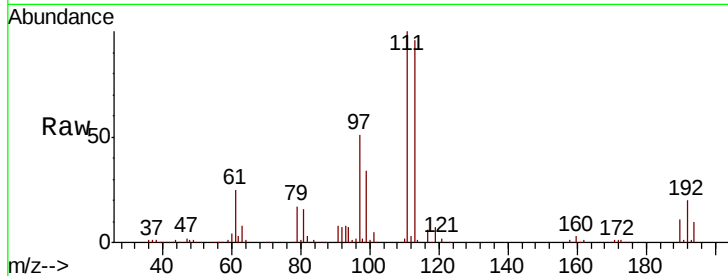
Tgt Ion:113 Resp: 98303

Ion Ratio Lower Upper

113 100

111 103.3 83.4 125.2

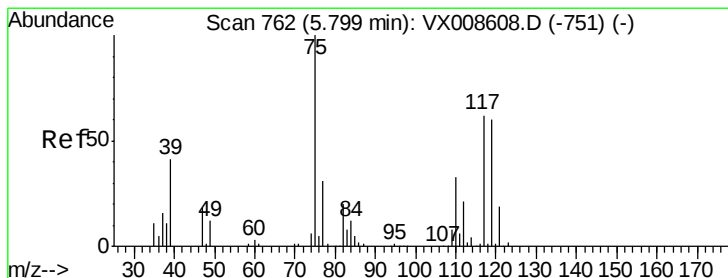
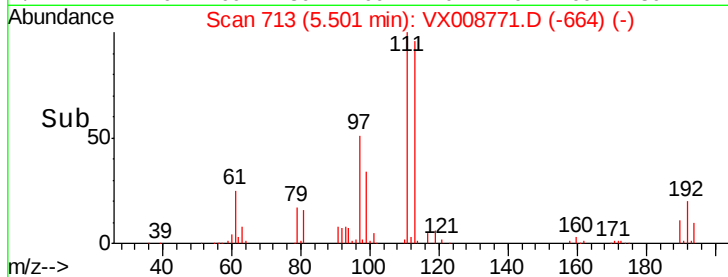
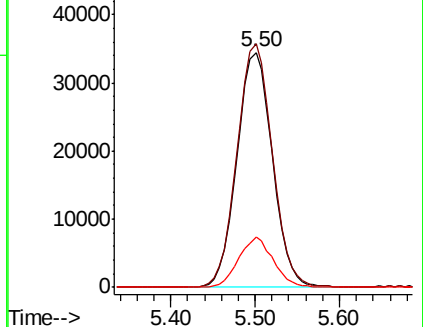
192 20.7 16.1 24.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 16.931 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX008771.D

Acq: 09 Apr 2019 15:25

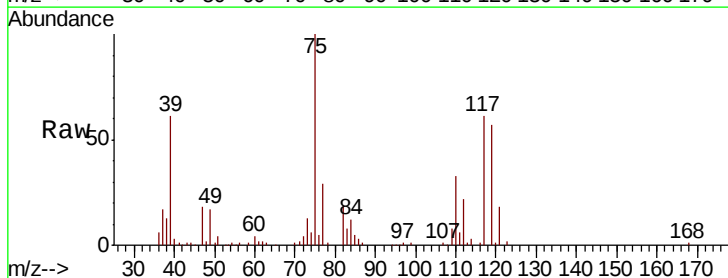
Tgt Ion: 75 Resp: 55115

Ion Ratio Lower Upper

75 100

110 33.4 16.4 49.2

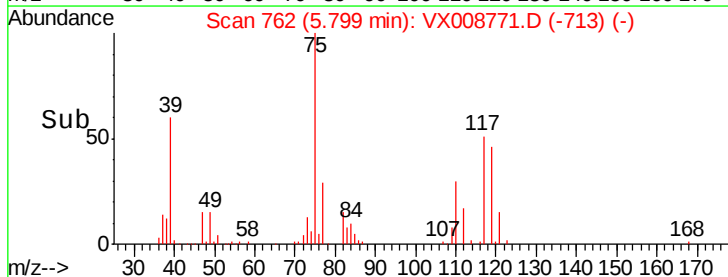
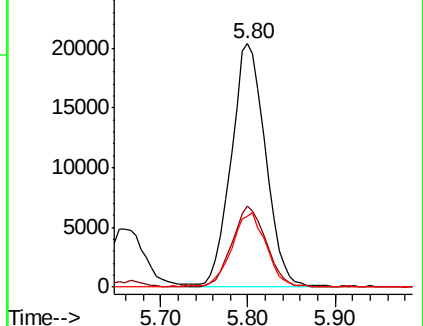
77 31.0 24.7 37.1

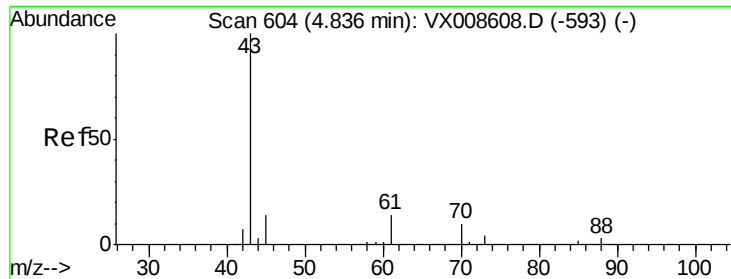


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

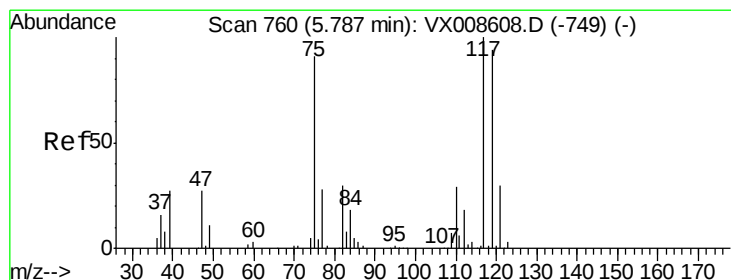
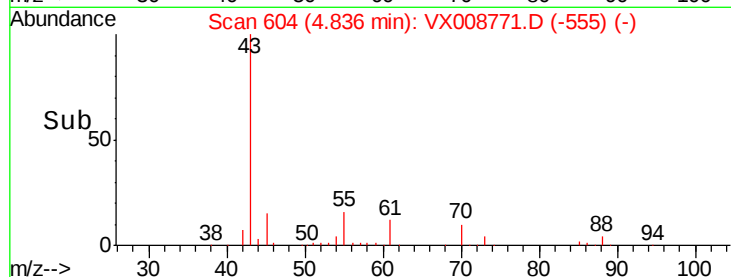
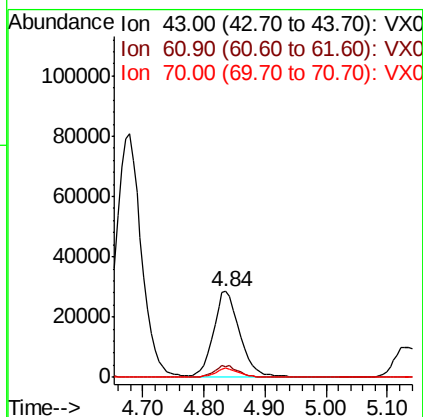
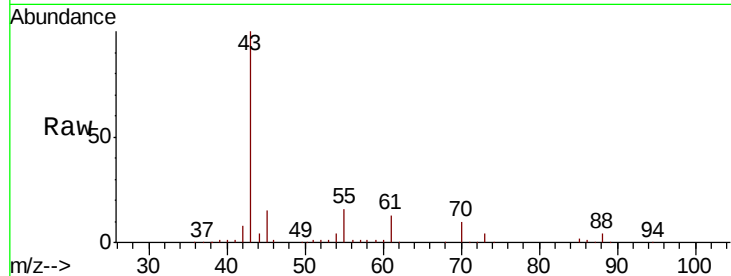




#37
Ethyl Acetate
Concen: 19.518 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX008771.D
Acq: 09 Apr 2019 15:25

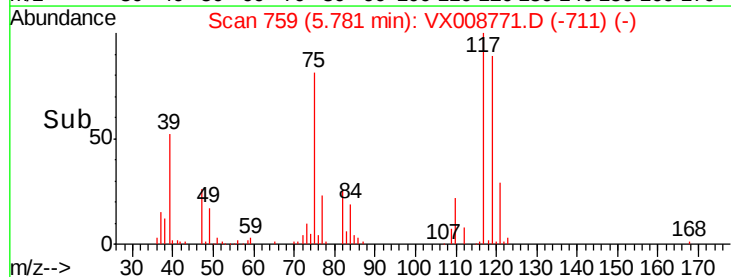
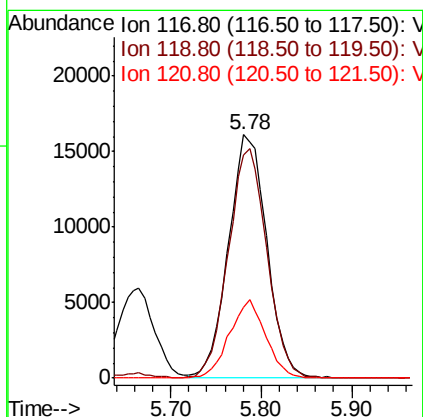
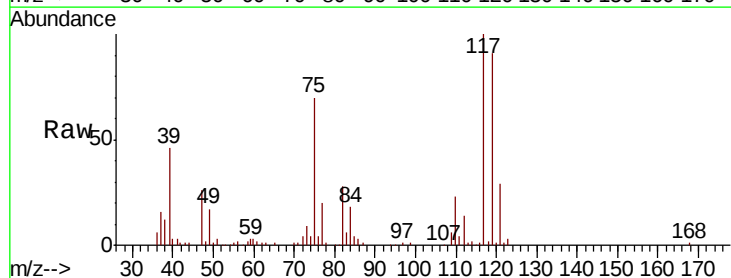
Instrument :
MSVOA_X
ClientSampled :
VX0409MBS01

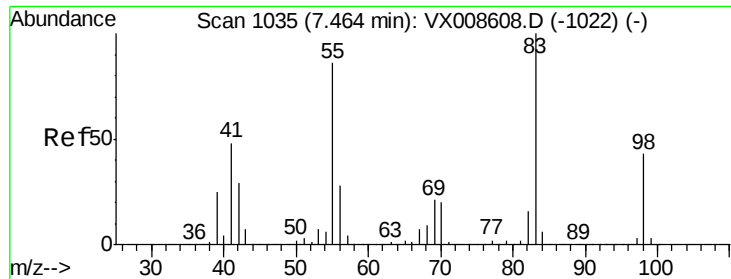
Tgt Ion: 43 Resp: 84810
Ion Ratio Lower Upper
43 100
61 13.2 10.3 15.5
70 9.9 7.6 11.4



#38
Carbon Tetrachloride
Concen: 17.601 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008771.D
Acq: 09 Apr 2019 15:25

Tgt Ion: 117 Resp: 47422
Ion Ratio Lower Upper
117 100
119 91.4 75.0 112.6
121 29.1 24.3 36.5

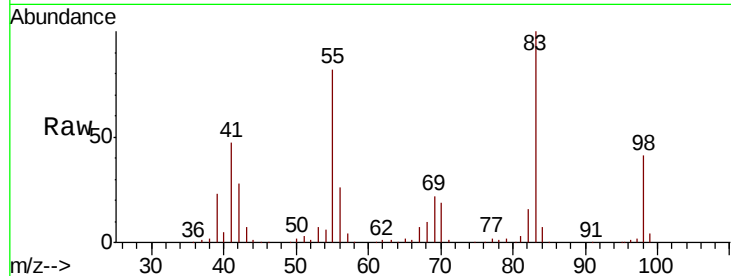




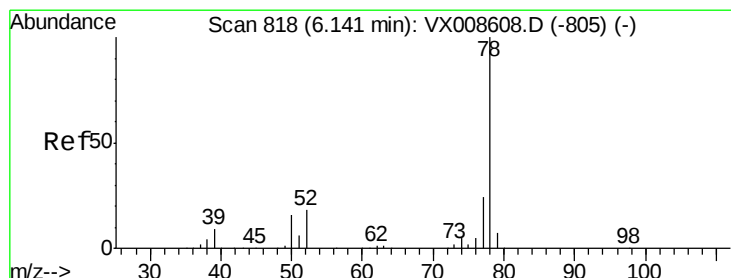
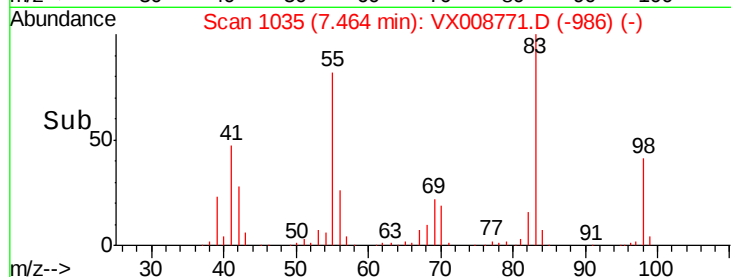
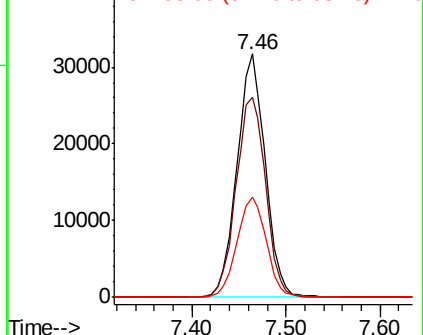
#39
Methylcyclohexane
Concen: 16.512 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008771.D
Acq: 09 Apr 2019 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX0409MBS01

Tgt Ion: 83 Resp: 66400
Ion Ratio Lower Upper
83 100
55 82.2 69.0 103.6
98 41.1 34.4 51.6

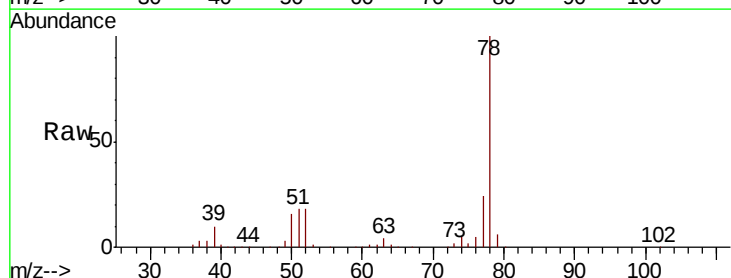


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

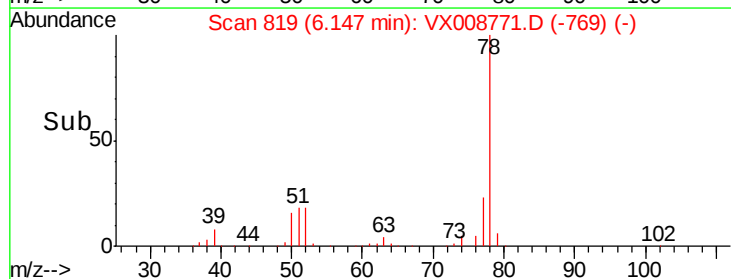
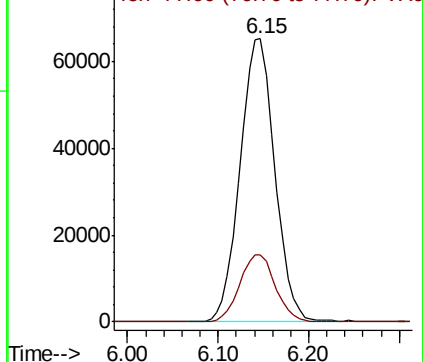


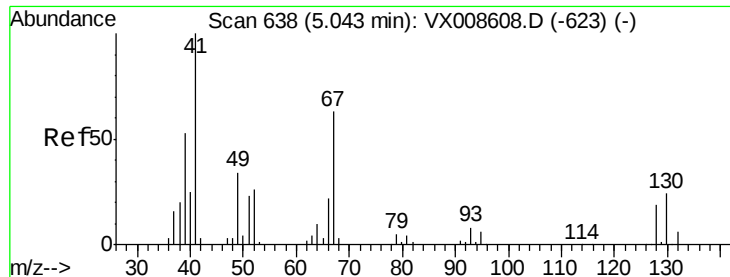
#40
Benzene
Concen: 17.867 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX008771.D
Acq: 09 Apr 2019 15:25

Tgt Ion: 78 Resp: 173278
Ion Ratio Lower Upper
78 100
77 23.8 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 18.799 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX008771.D

Acq: 09 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX0409MBS01

Tgt Ion: 41 Resp: 46953

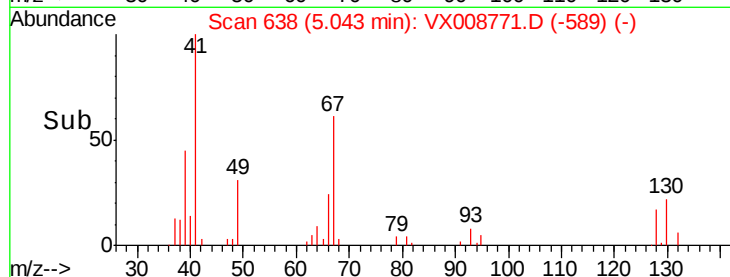
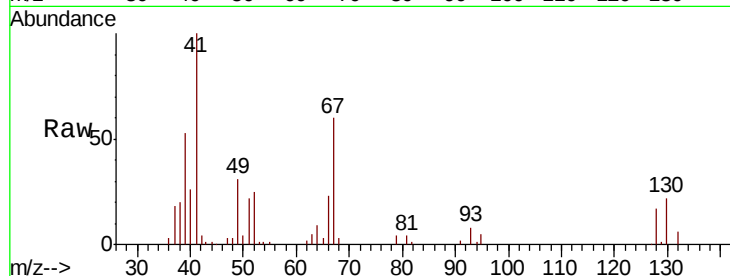
Ion Ratio Lower Upper

41 100

39 54.4 42.1 63.1

67 63.6 51.0 76.6

52 25.7 21.4 32.0

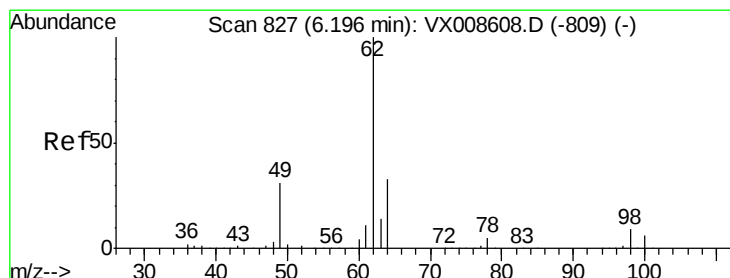
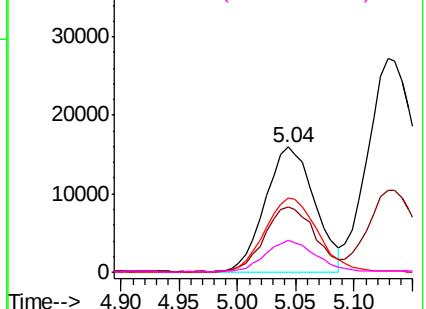


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 18.227 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX008771.D

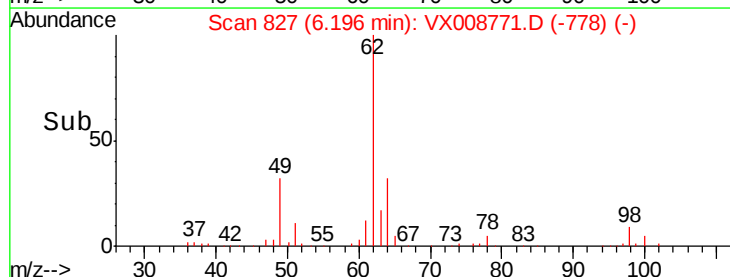
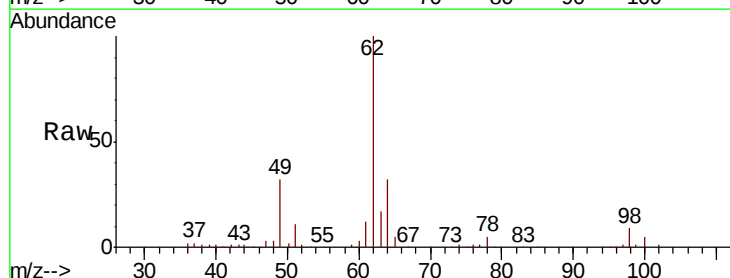
Acq: 09 Apr 2019 15:25

Tgt Ion: 62 Resp: 63370

Ion Ratio Lower Upper

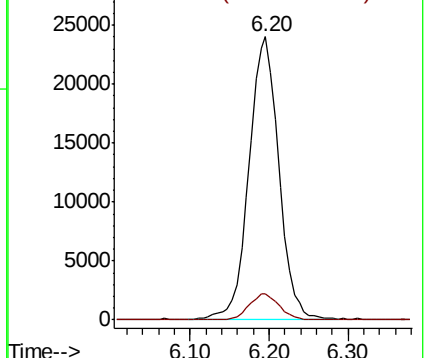
62 100

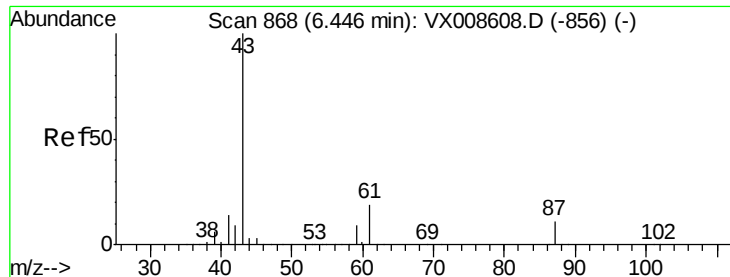
98 9.2 0.0 18.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.963 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008771.D

Acq: 09 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX0409MBS01

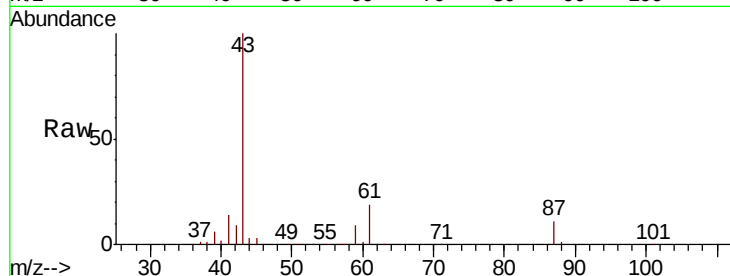
Tgt Ion: 43 Resp: 129076

Ion Ratio Lower Upper

43 100

61 19.1 15.3 22.9

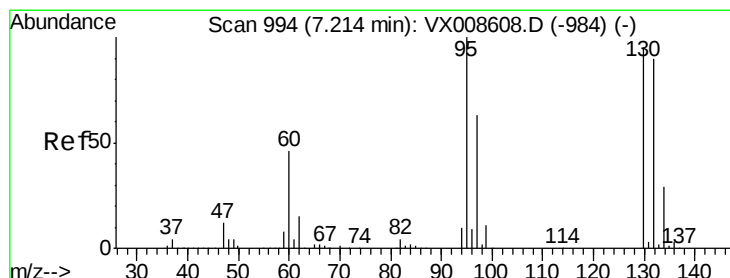
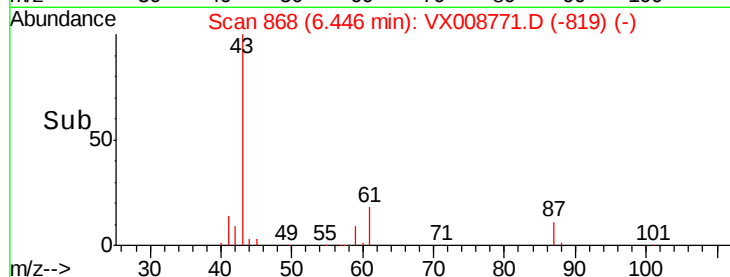
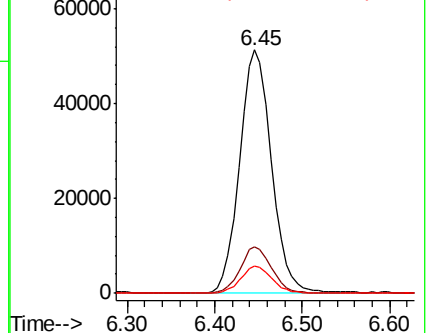
87 11.1 9.0 13.6



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: 17.666 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008771.D

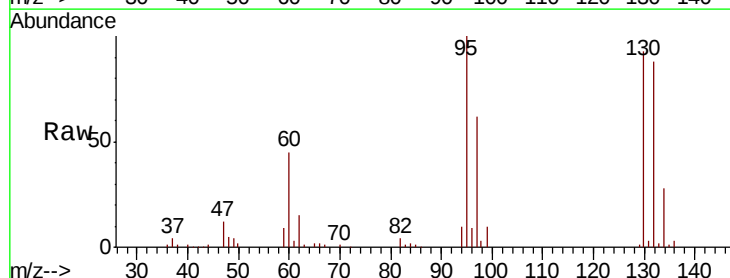
Acq: 09 Apr 2019 15:25

Tgt Ion: 130 Resp: 39902

Ion Ratio Lower Upper

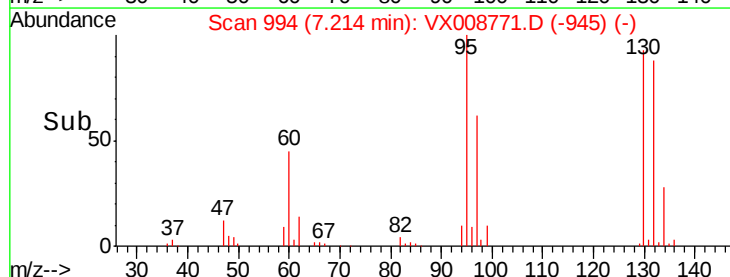
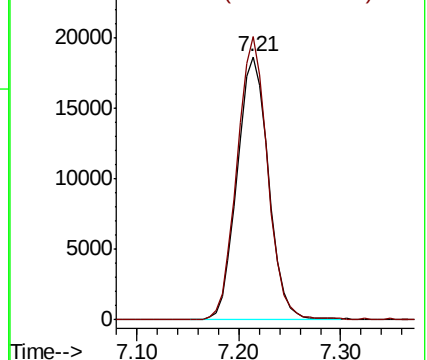
130 100

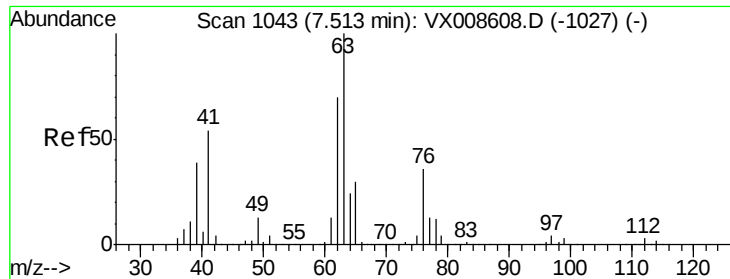
95 107.6 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

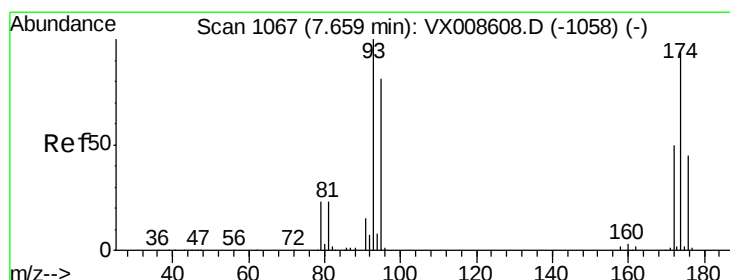
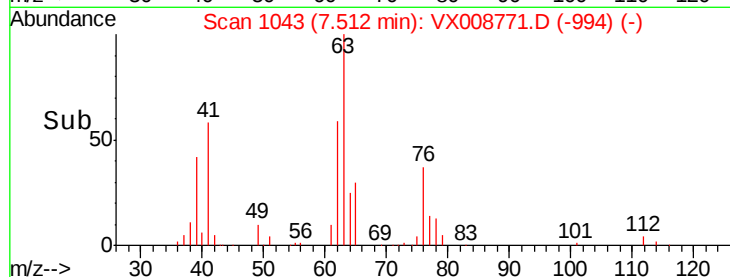
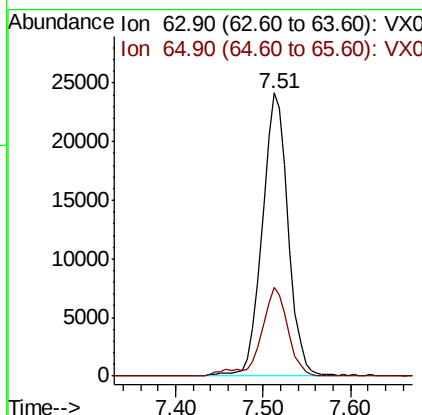
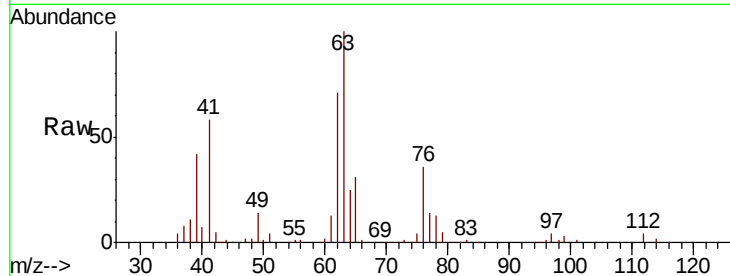




#45
 1,2-Dichloropropane
 Concen: 18.095 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008771.D
 Acq: 09 Apr 2019 15:25

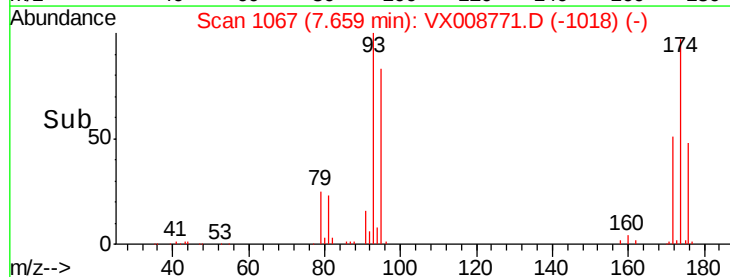
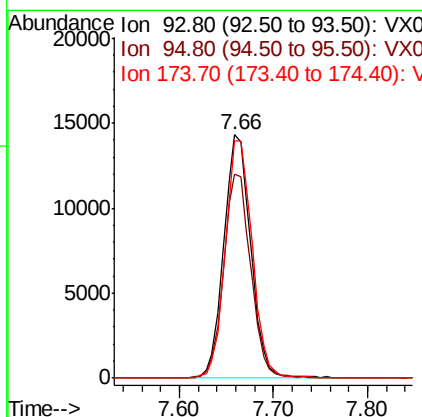
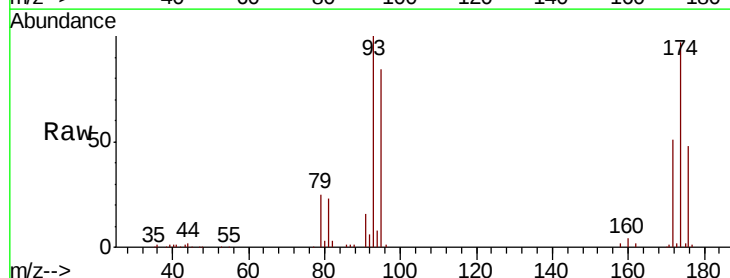
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0409MBS01

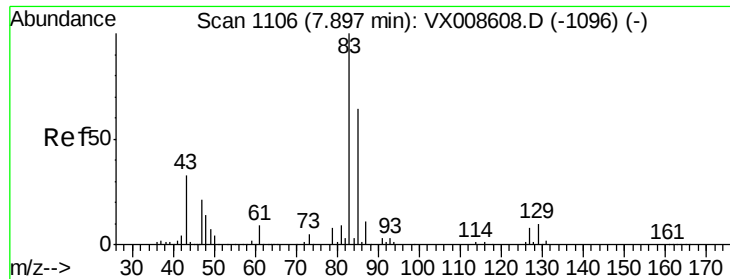
Tgt Ion: 63 Resp: 50087
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.2 36.4



#46
 Dibromomethane
 Concen: 17.635 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008771.D
 Acq: 09 Apr 2019 15:25

Tgt Ion: 93 Resp: 28311
 Ion Ratio Lower Upper
 93 100
 95 84.4 66.6 99.8
 174 97.5 77.7 116.5





#47

Bromodichloromethane

Concen: 17.959 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008771.D

Acq: 09 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX0409MBS01

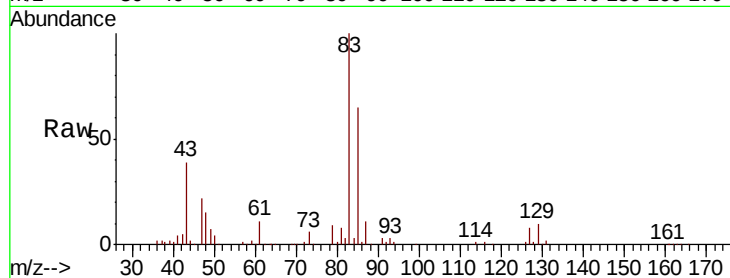
Tgt Ion: 83 Resp: 54361

Ion Ratio Lower Upper

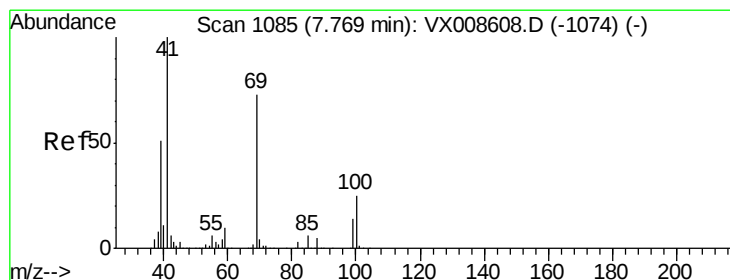
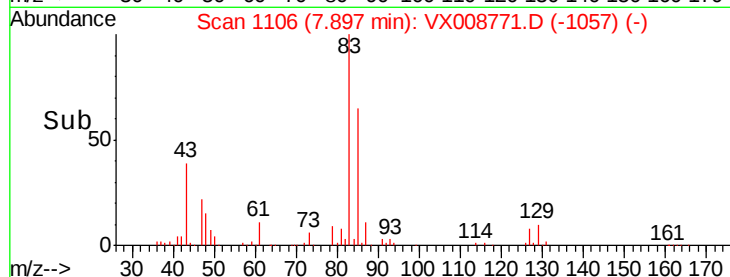
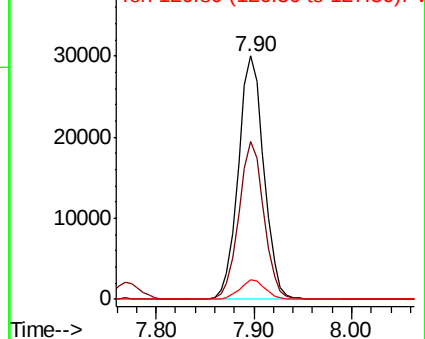
83 100

85 65.0 51.2 76.8

127 8.2 6.6 10.0



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: 18.825 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008771.D

Acq: 09 Apr 2019 15:25

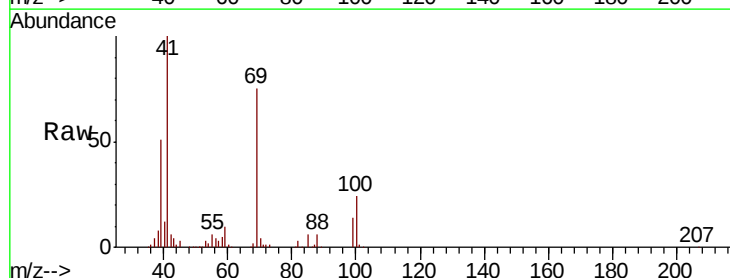
Tgt Ion: 41 Resp: 64819

Ion Ratio Lower Upper

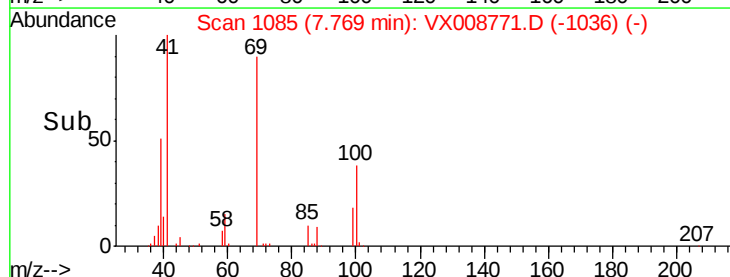
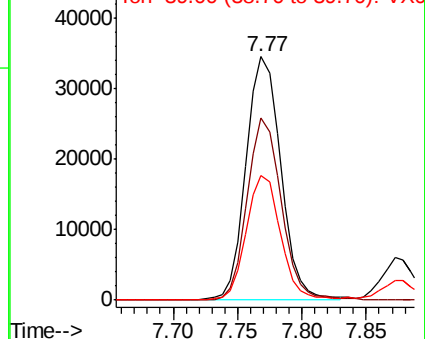
41 100

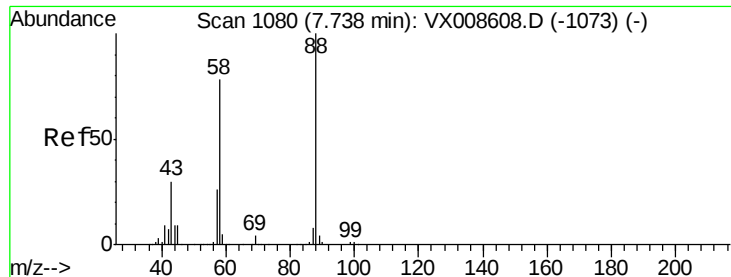
69 73.5 59.0 88.4

39 49.8 41.0 61.4



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

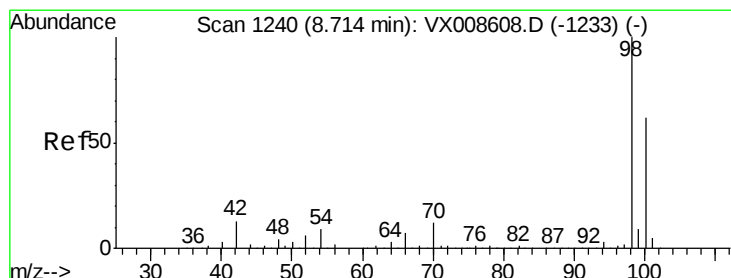
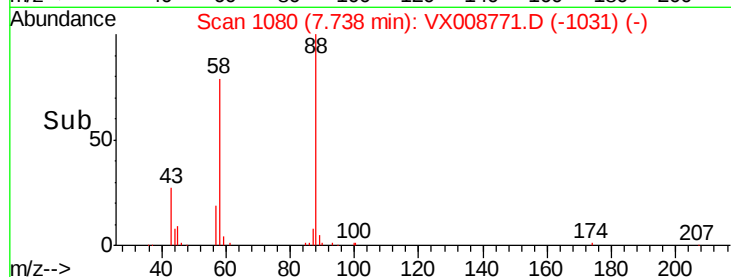
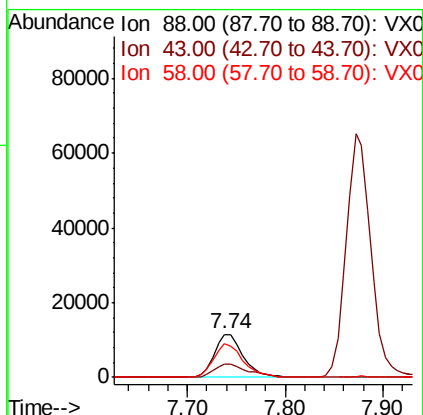
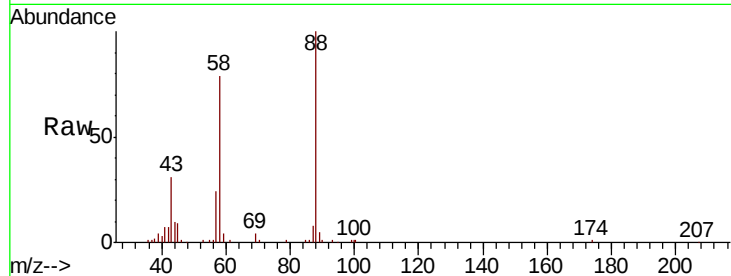




#49
 1,4-Dioxane
 Concen: 366.416 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX008771.D
 Acq: 09 Apr 2019 15:25

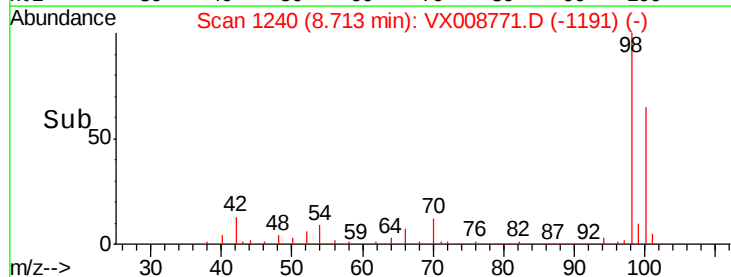
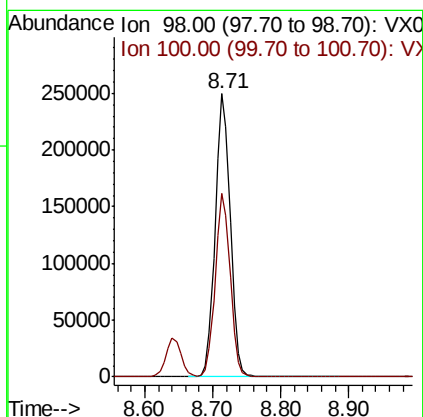
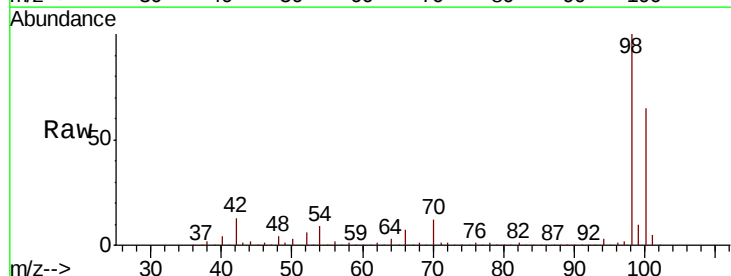
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409MBS01

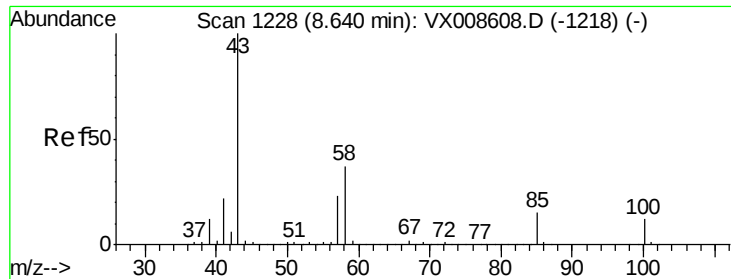
Tgt Ion: 88 Resp: 23634
 Ion Ratio Lower Upper
 88 100
 43 38.6 28.6 43.0
 58 79.8 62.2 93.2



#50
 Toluene-d8
 Concen: 50.755 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008771.D
 Acq: 09 Apr 2019 15:25

Tgt Ion: 98 Resp: 384797
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.4 77.0

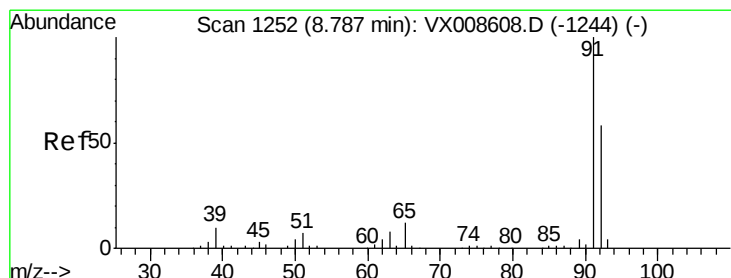
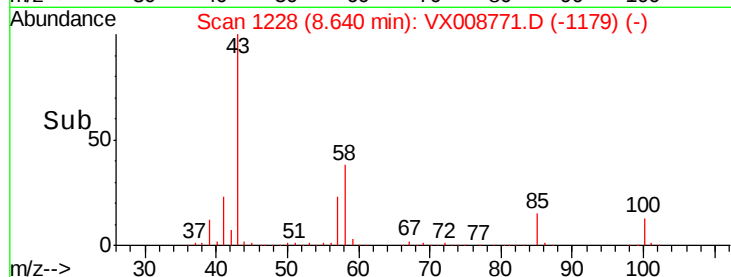
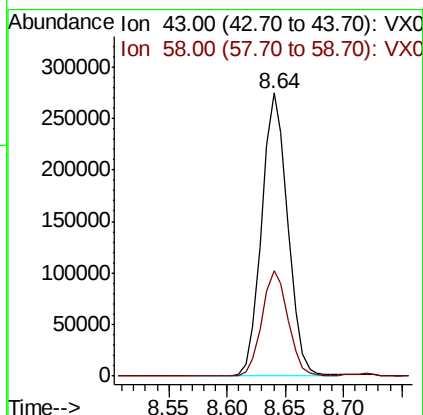
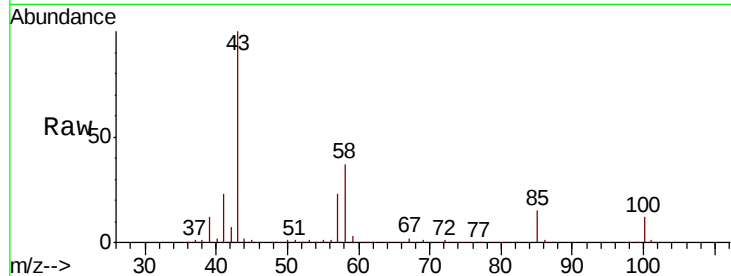




#51
 4-Methyl-2-Pentanone
 Concen: 96.964 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VX008771.D
 Acq: 09 Apr 2019 15:25

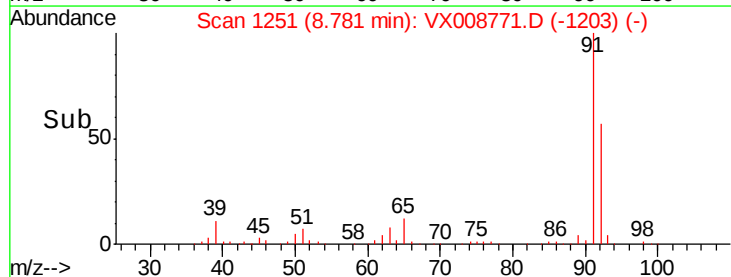
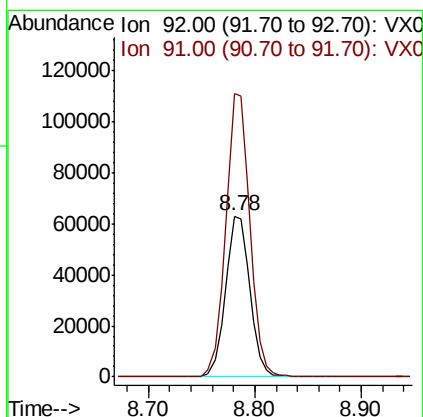
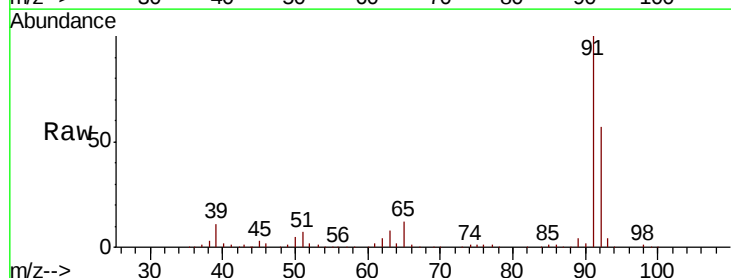
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409MBS01

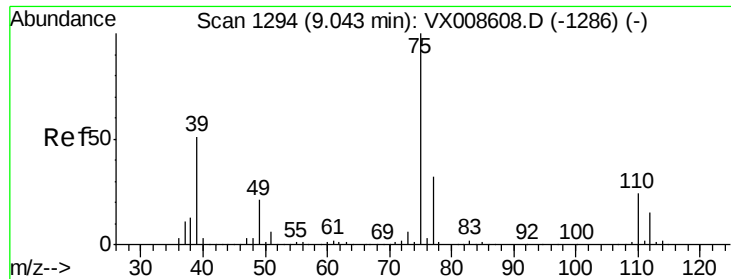
Tgt Ion: 43 Resp: 424871
 Ion Ratio Lower Upper
 43 100
 58 37.0 29.5 44.3



#52
 Toluene
 Concen: 17.610 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX008771.D
 Acq: 09 Apr 2019 15:25

Tgt Ion: 92 Resp: 100684
 Ion Ratio Lower Upper
 92 100
 91 175.0 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 17.887 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX008771.D

Acq: 09 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

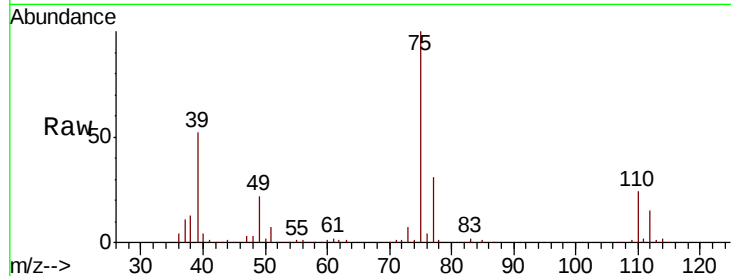
VX0409MBS01

Tgt Ion: 75 Resp: 60650

Ion Ratio Lower Upper

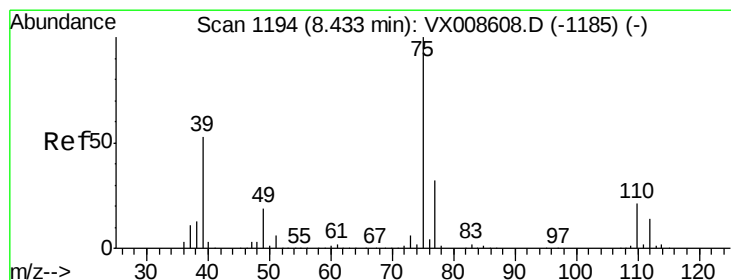
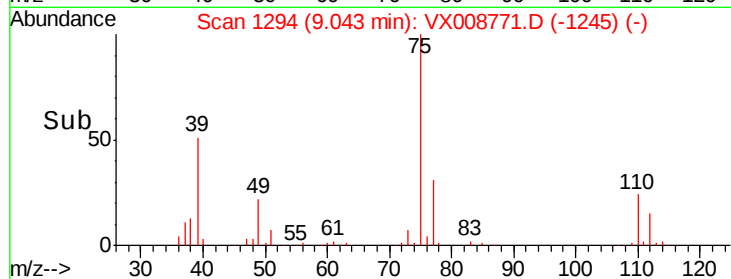
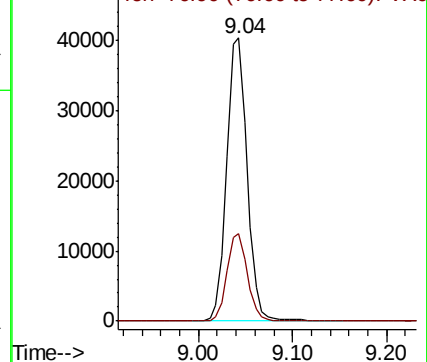
75 100

77 31.0 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 17.881 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX008771.D

Acq: 09 Apr 2019 15:25

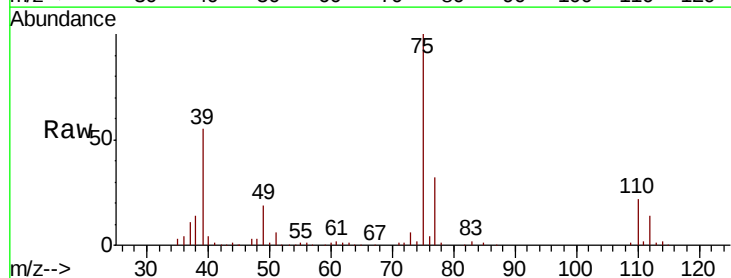
Tgt Ion: 75 Resp: 69277

Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9

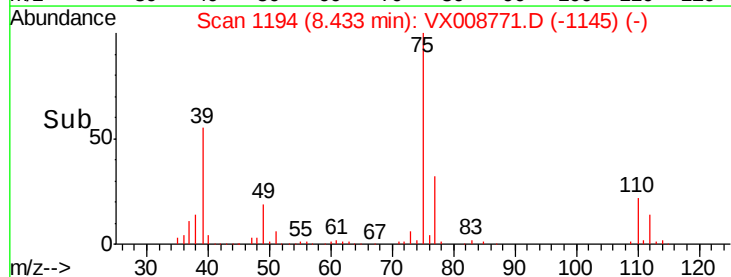
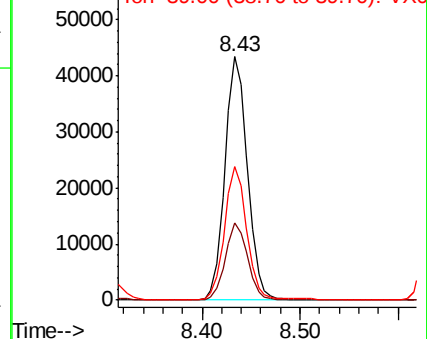
39 54.8 42.6 63.8

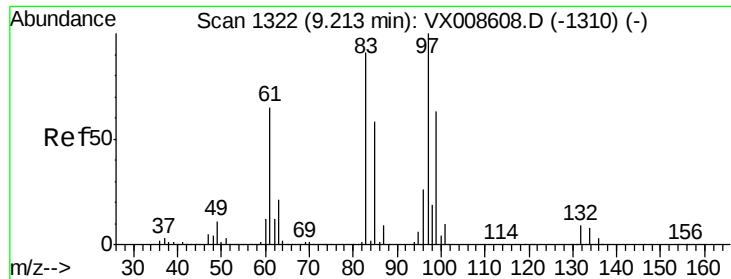


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

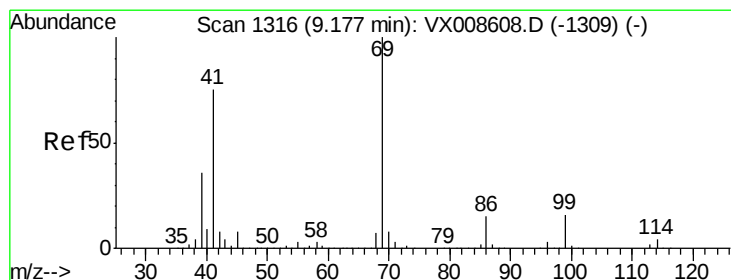
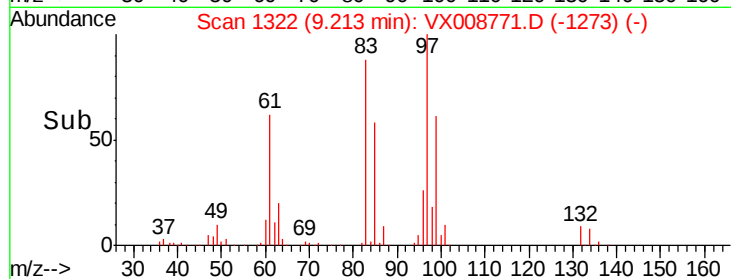
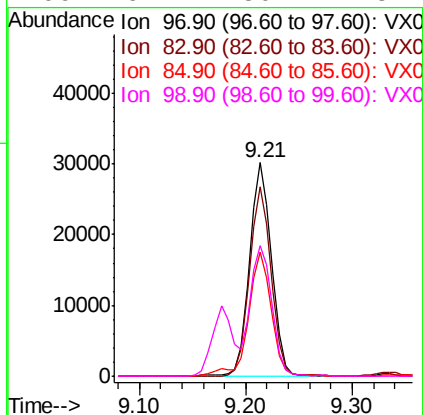
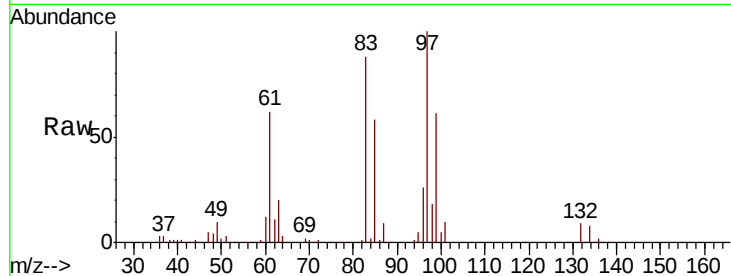




#55
 1,1,2-Trichloroethane
 Concen: 19.126 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008771.D
 Acq: 09 Apr 2019 15:25

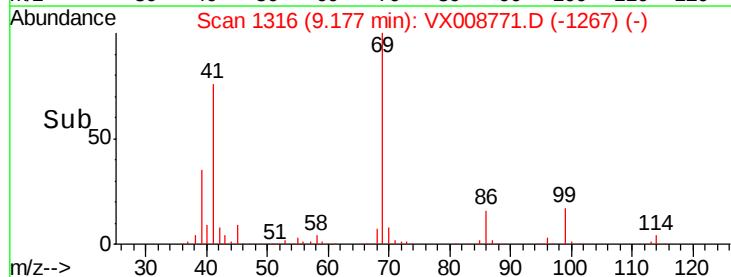
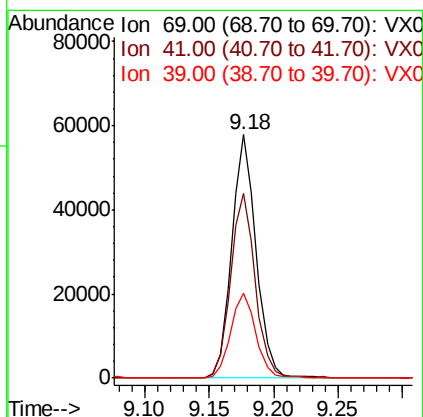
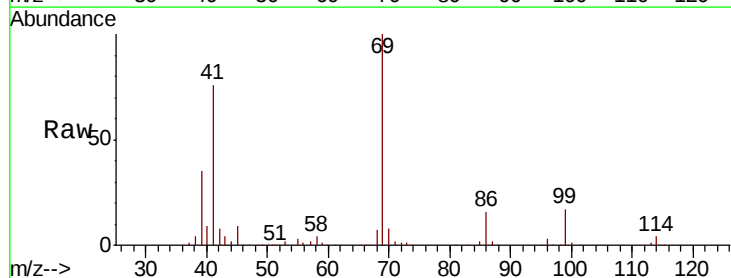
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409MBS01

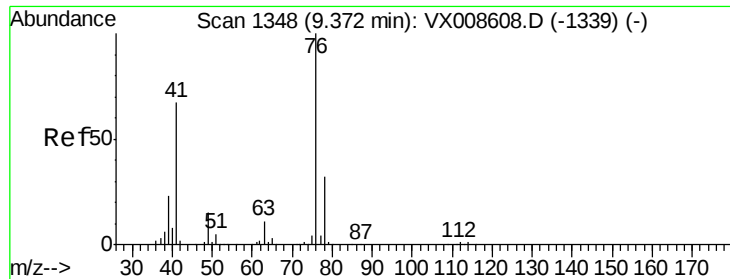
Tgt Ion:	97	Resp:	43895
Ion	Ratio	Lower	Upper
97	100		
83	88.5	73.2	109.8
85	58.4	46.6	69.8
99	61.4	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 18.441 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008771.D
 Acq: 09 Apr 2019 15:25

Tgt Ion:	69	Resp:	76577
Ion	Ratio	Lower	Upper
69	100		
41	76.9	60.1	90.1
39	35.7	28.9	43.3

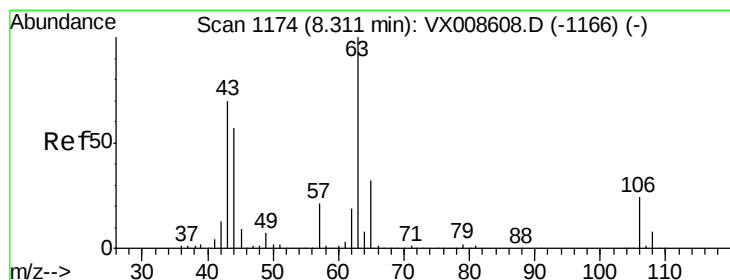
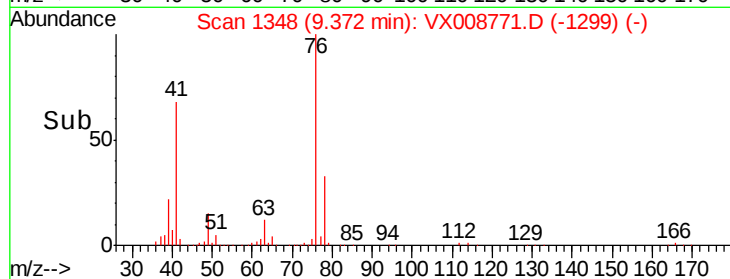
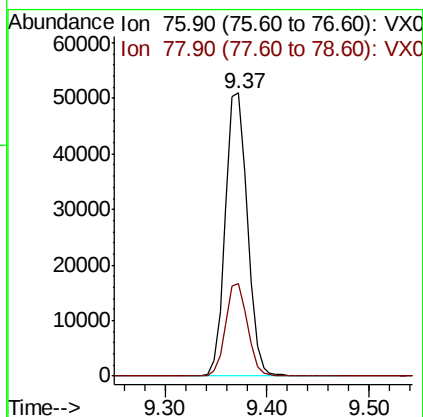
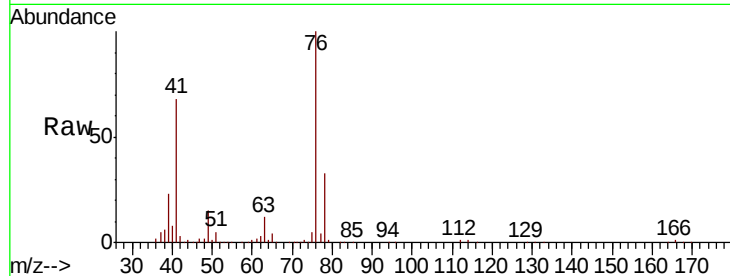




#57
 1,3-Dichloropropane
 Concen: 18.581 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX008771.D
 Acq: 09 Apr 2019 15:25

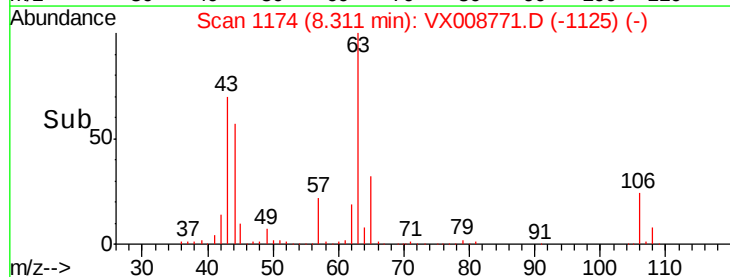
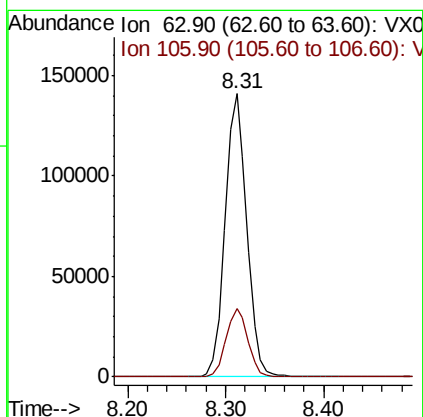
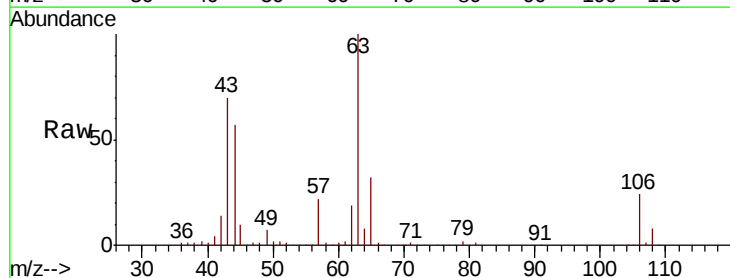
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409MBS01

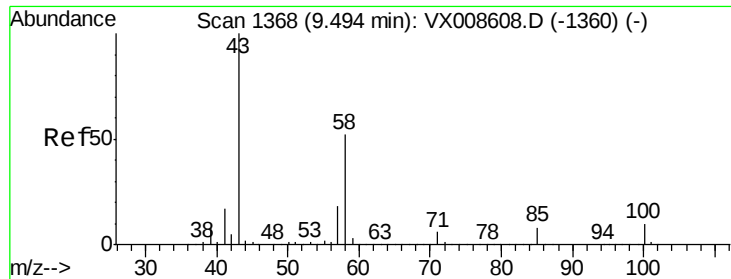
Tgt Ion: 76 Resp: 76576
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.807 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX008771.D
 Acq: 09 Apr 2019 15:25

Tgt Ion: 63 Resp: 215863
 Ion Ratio Lower Upper
 63 100
 106 24.2 19.0 28.6

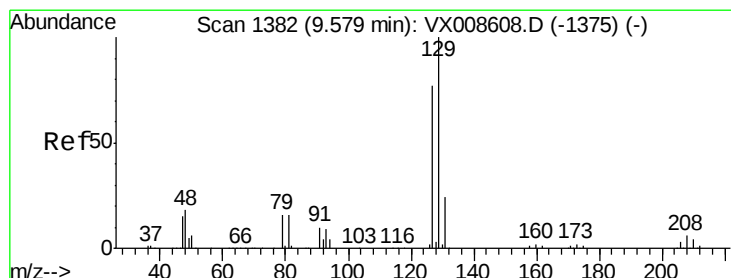
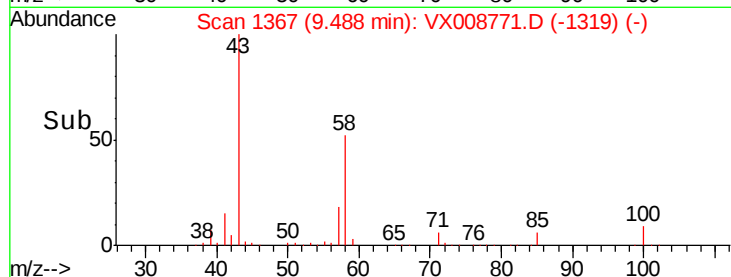
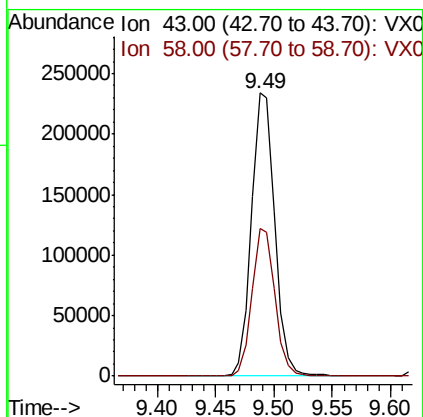
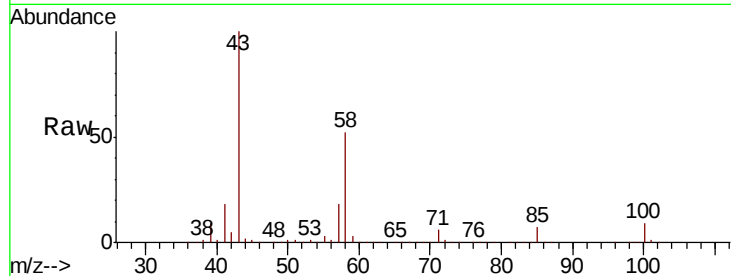




#59
2-Hexanone
Concen: 95.962 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008771.D
Acq: 09 Apr 2019 15:25

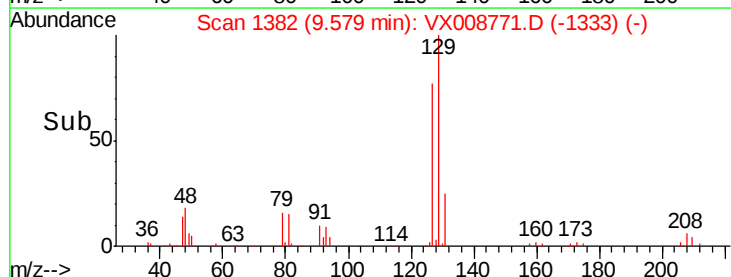
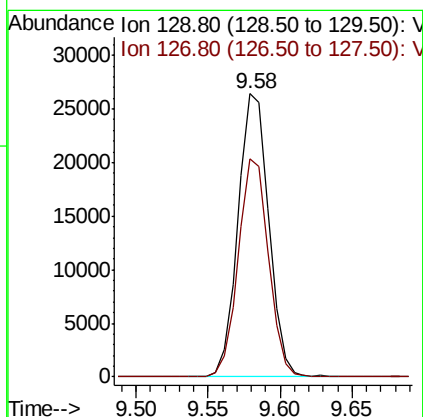
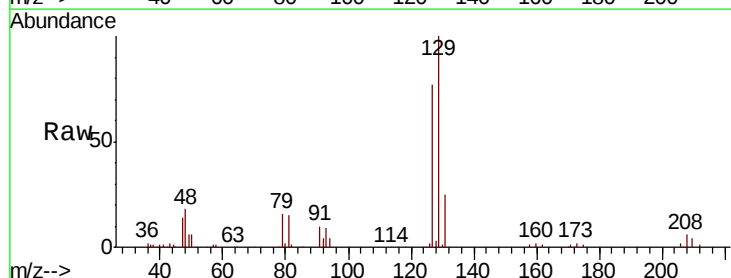
Instrument :
MSVOA_X
ClientSampled :
VX0409MBS01

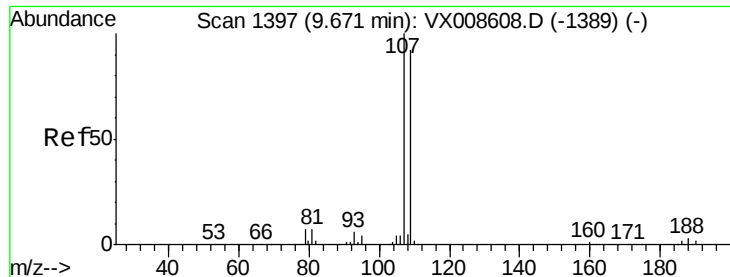
Tgt Ion: 43 Resp: 326775
Ion Ratio Lower Upper
43 100
58 51.7 25.9 77.7



#60
Dibromochloromethane
Concen: 18.148 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008771.D
Acq: 09 Apr 2019 15:25

Tgt Ion: 129 Resp: 39247
Ion Ratio Lower Upper
129 100
127 75.9 38.5 115.3





#61

1,2-Dibromoethane

Concen: 18.050 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008771.D

Acq: 09 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

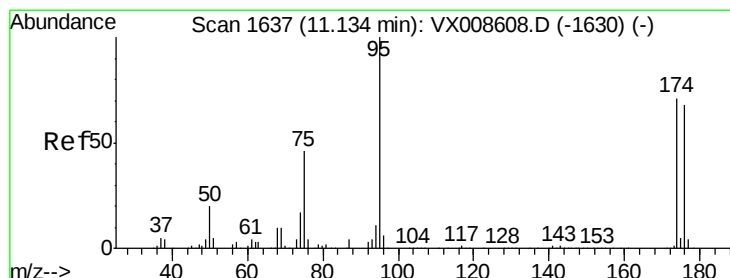
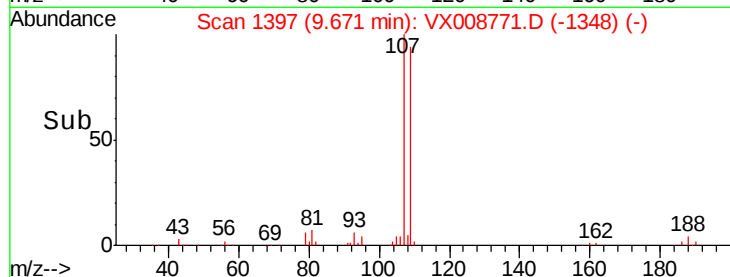
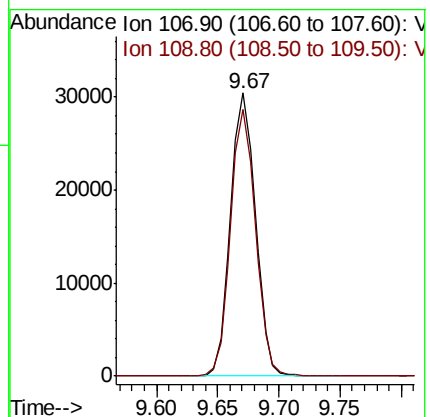
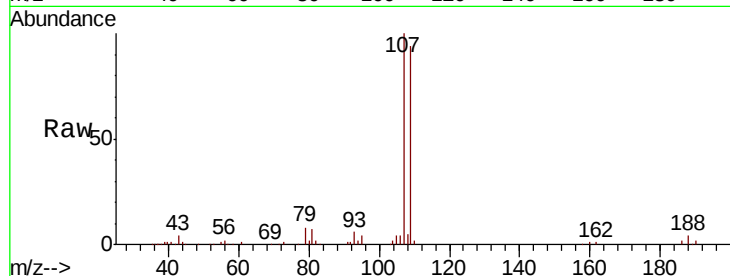
VX0409MBS01

Tgt Ion: 107 Resp: 43125

Ion Ratio Lower Upper

107 100

109 94.4 74.1 111.1



#62

4-Bromofluorobenzene

Concen: 49.496 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008771.D

Acq: 09 Apr 2019 15:25

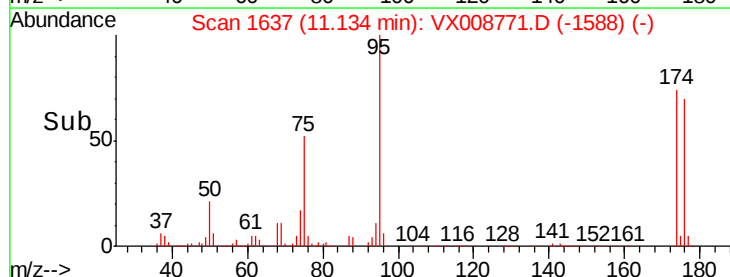
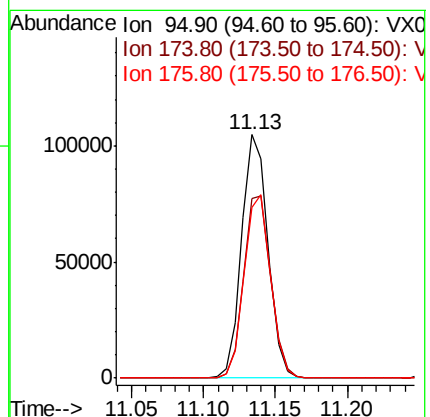
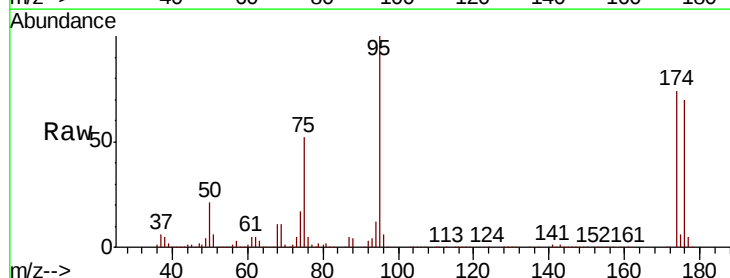
Tgt Ion: 95 Resp: 133069

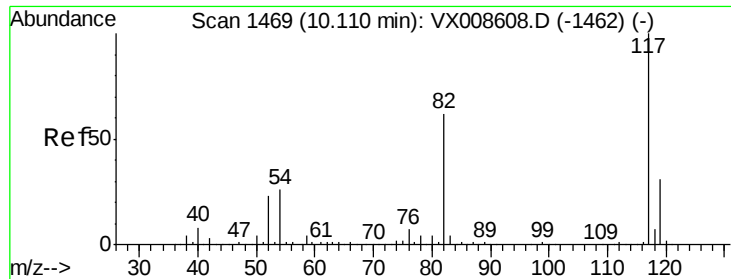
Ion Ratio Lower Upper

95 100

174 76.8 0.0 151.8

176 75.8 0.0 145.8

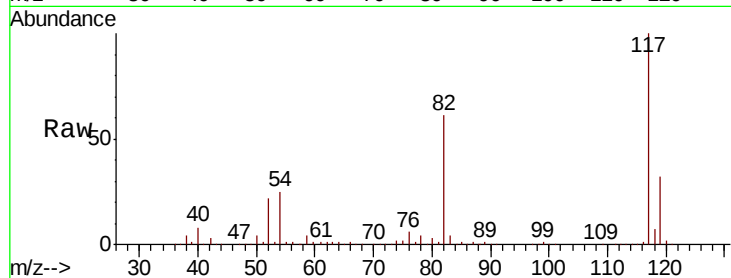




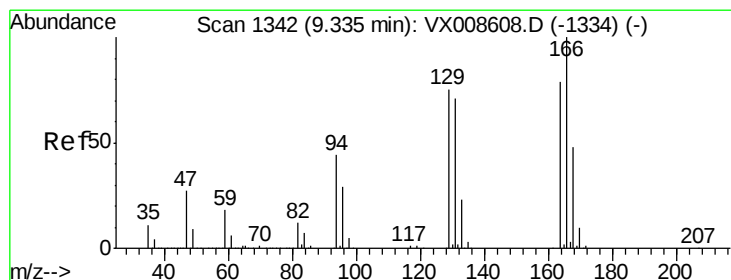
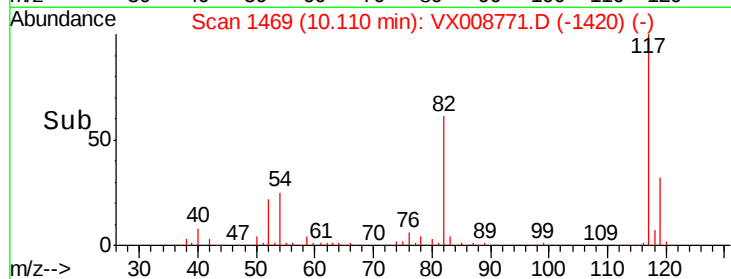
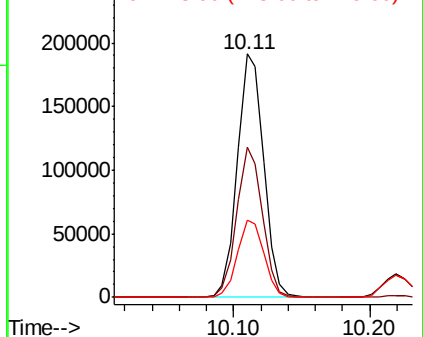
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008771.D
Acq: 09 Apr 2019 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX0409MBS01

Tgt Ion:117 Resp: 258131
Ion Ratio Lower Upper
117 100
82 61.5 49.6 74.4
119 31.8 25.0 37.4

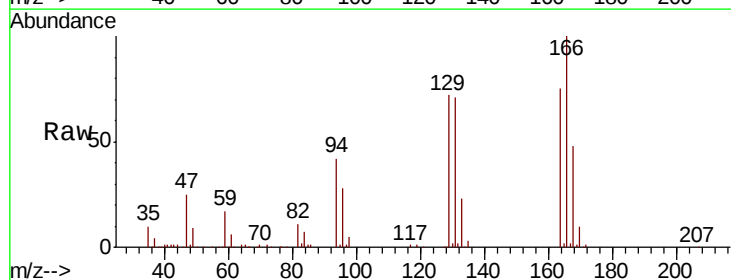


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

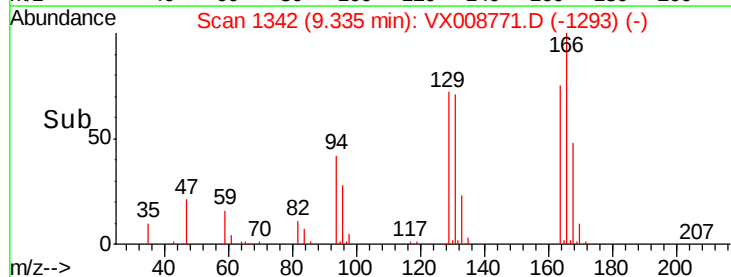
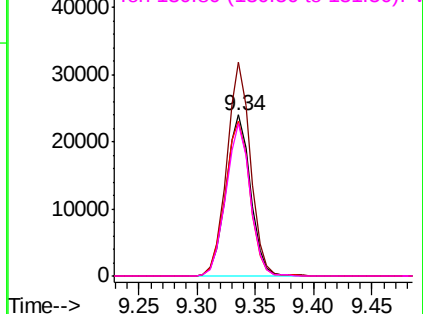


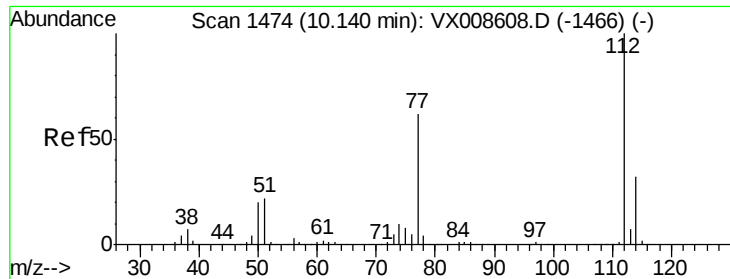
#64
Tetrachloroethene
Concen: 18.329 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008771.D
Acq: 09 Apr 2019 15:25

Tgt Ion:164 Resp: 35053
Ion Ratio Lower Upper
164 100
166 132.6 101.0 151.6
129 96.1 75.8 113.8
131 94.4 71.8 107.8



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

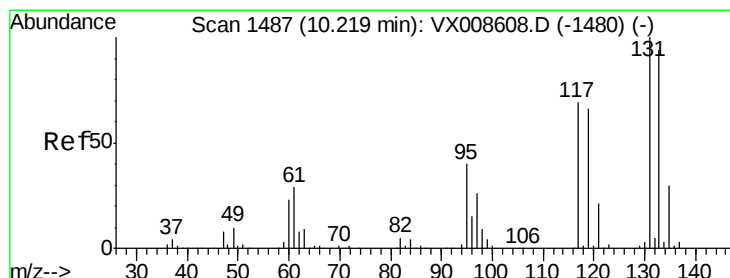
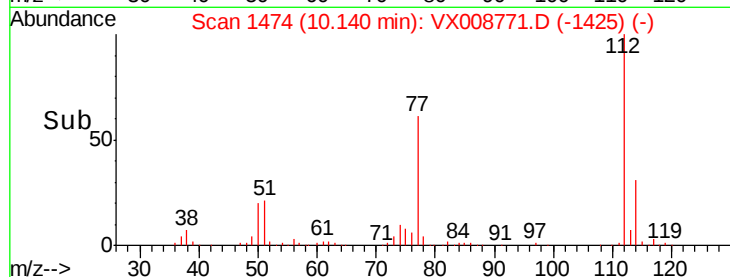
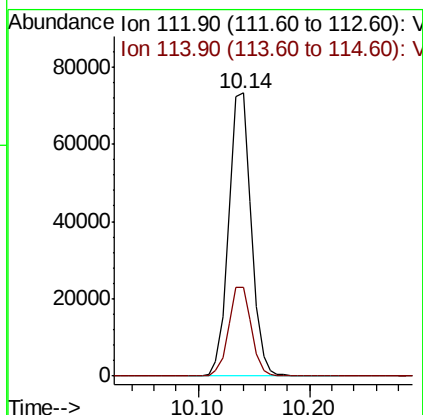
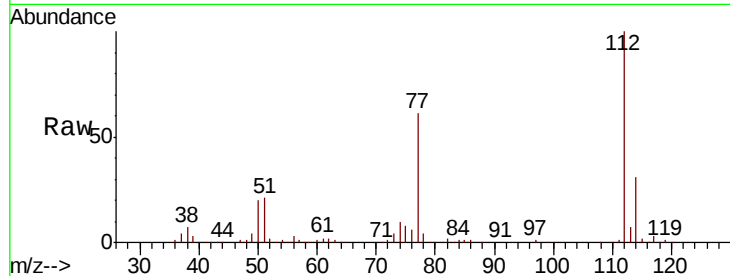




#65
Chlorobenzene
Concen: 17.897 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX008771.D
Acq: 09 Apr 2019 15:25

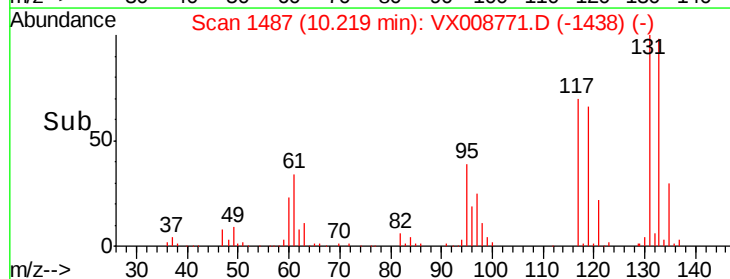
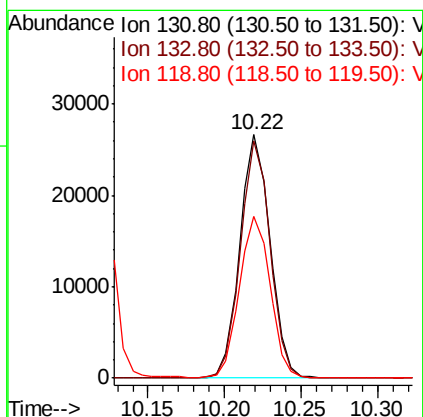
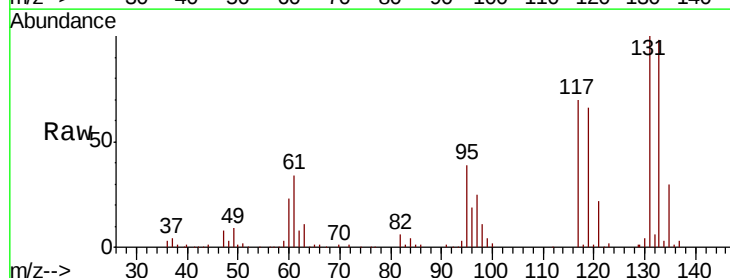
Instrument :
MSVOA_X
ClientSampleId :
VX0409MBS01

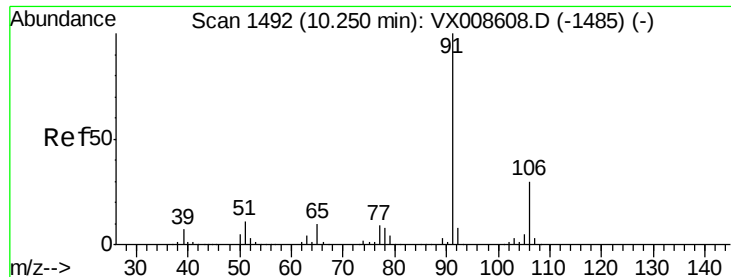
Tgt Ion:112 Resp: 102407
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 18.186 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008771.D
Acq: 09 Apr 2019 15:25

Tgt Ion:131 Resp: 36507
Ion Ratio Lower Upper
131 100
133 95.9 47.0 141.2
119 67.5 33.7 101.0





#67

Ethyl Benzene

Concen: 17.572 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008771.D

Acq: 09 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

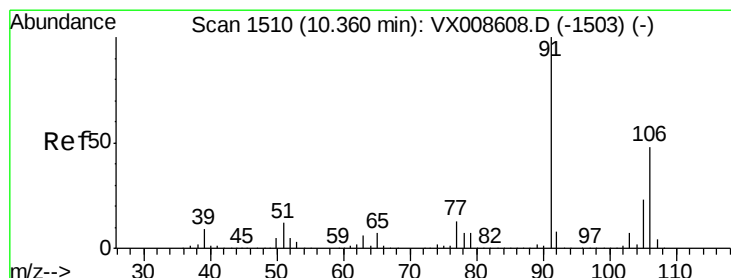
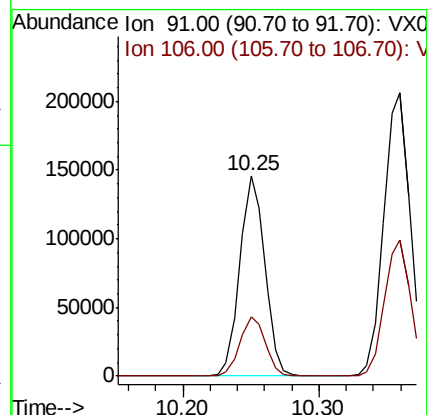
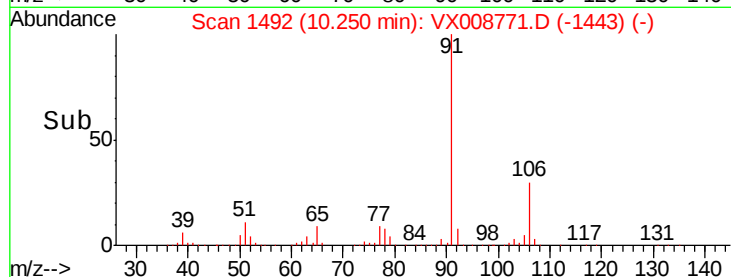
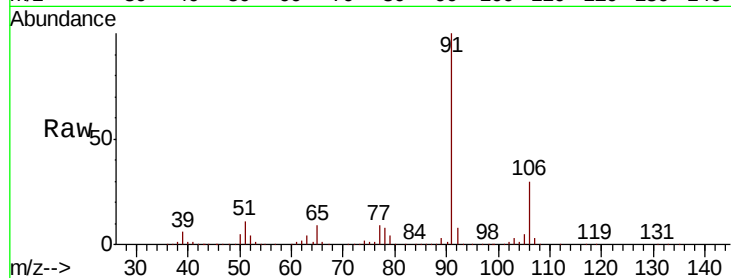
VX0409MBS01

Tgt Ion: 91 Resp: 187485

Ion Ratio Lower Upper

91 100

106 29.7 23.7 35.5



#68

m/p-Xylenes

Concen: 34.622 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008771.D

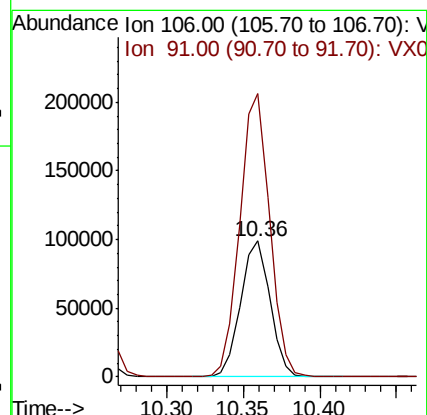
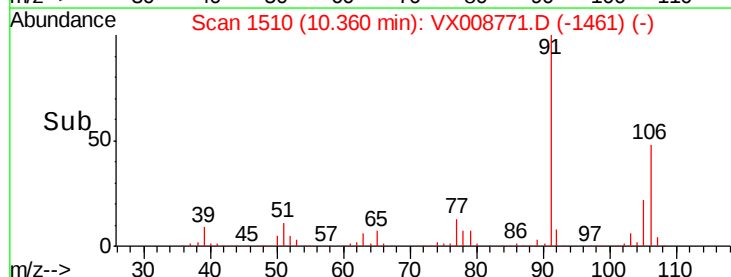
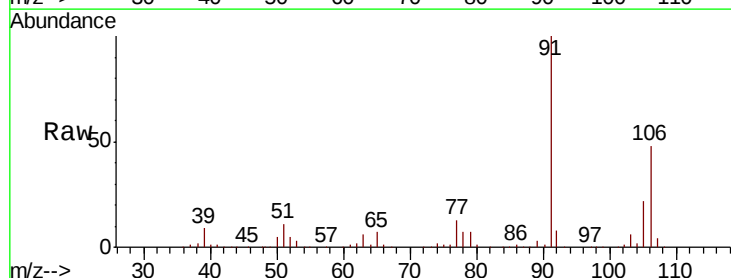
Acq: 09 Apr 2019 15:25

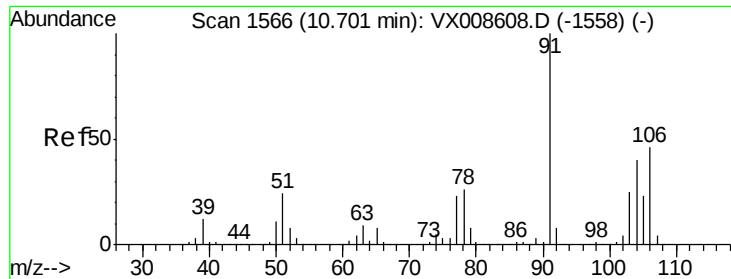
Tgt Ion: 106 Resp: 132818

Ion Ratio Lower Upper

106 100

91 210.0 168.5 252.7

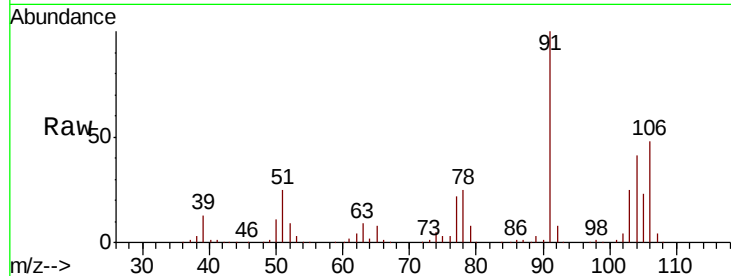




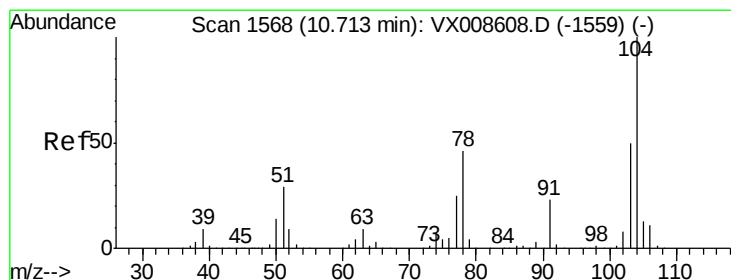
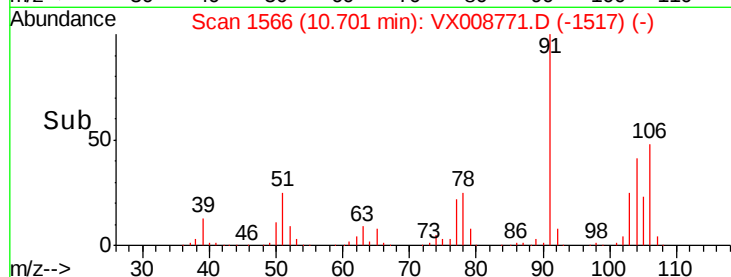
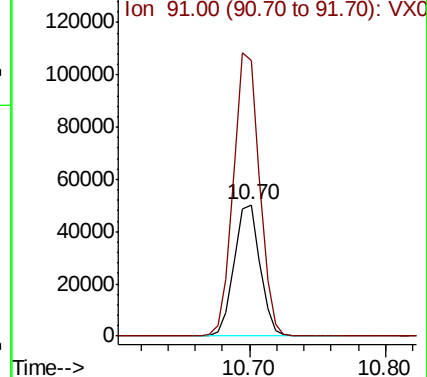
#69
o-Xylene
Concen: 17.916 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008771.D
Acq: 09 Apr 2019 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX0409MBS01

Tgt Ion:106 Resp: 66609
Ion Ratio Lower Upper
106 100
91 217.6 111.5 334.4

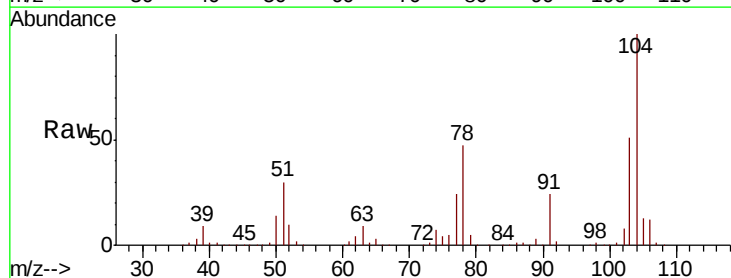


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

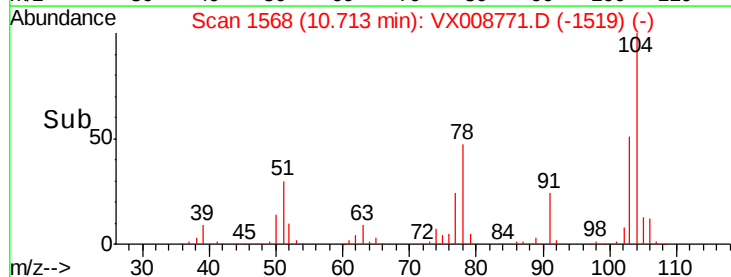
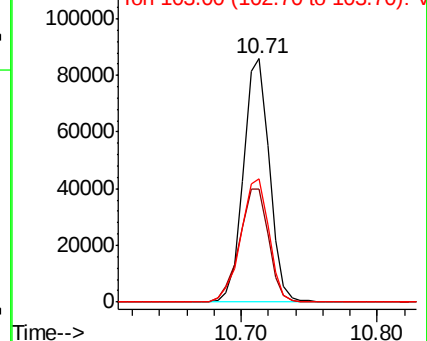


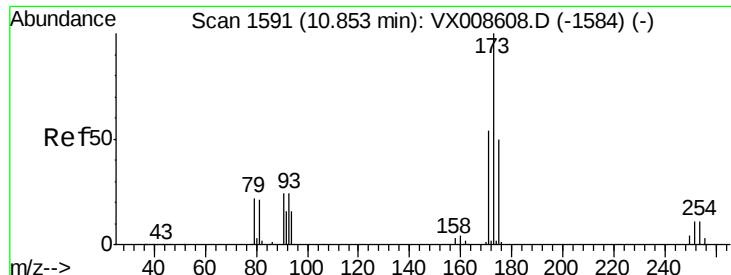
#70
Styrene
Concen: 17.882 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008771.D
Acq: 09 Apr 2019 15:25

Tgt Ion:104 Resp: 114601
Ion Ratio Lower Upper
104 100
78 52.4 42.3 63.5
103 55.0 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 17.888 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008771.D

Acq: 09 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampled :

VX0409MBS01

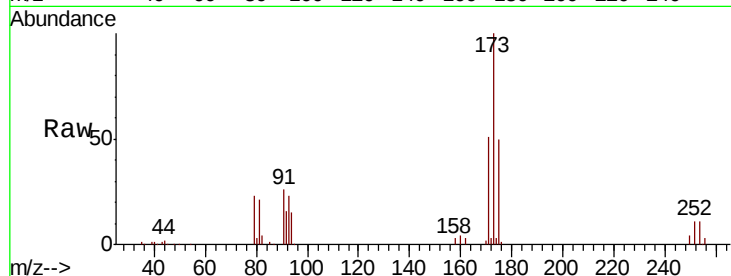
Tgt Ion:173 Resp: 27424

Ion Ratio Lower Upper

173 100

175 48.5 24.9 74.6

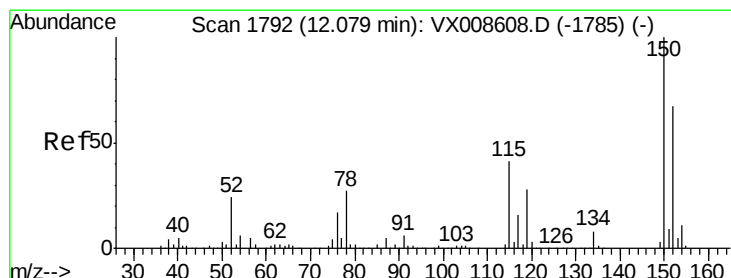
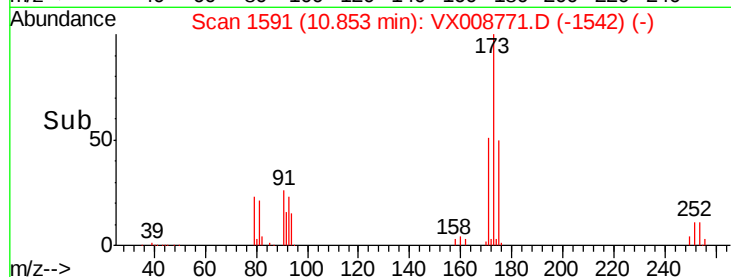
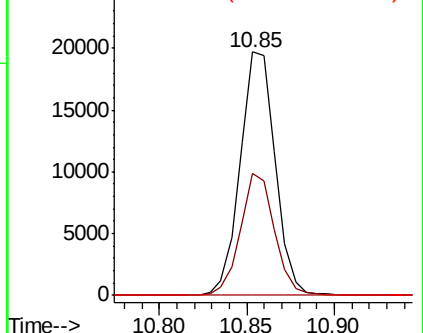
254 0.2 0.1 0.1#



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: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008771.D

Acq: 09 Apr 2019 15:25

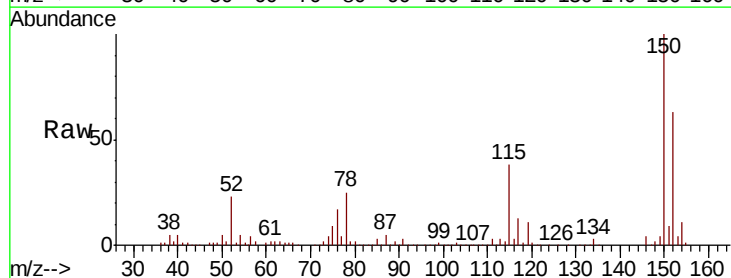
Tgt Ion:152 Resp: 115277

Ion Ratio Lower Upper

152 100

115 68.9 43.5 130.5

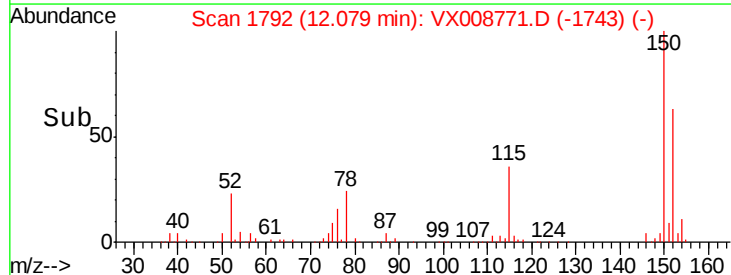
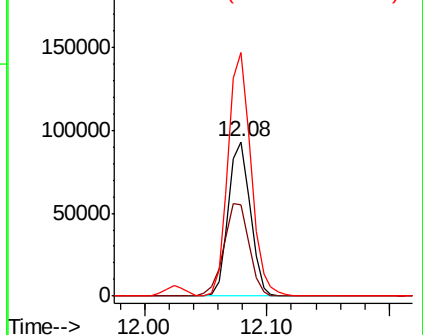
150 164.4 0.0 348.8

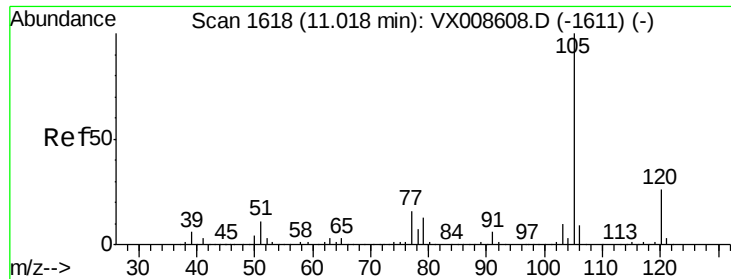


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.208 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008771.D

Acq: 09 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

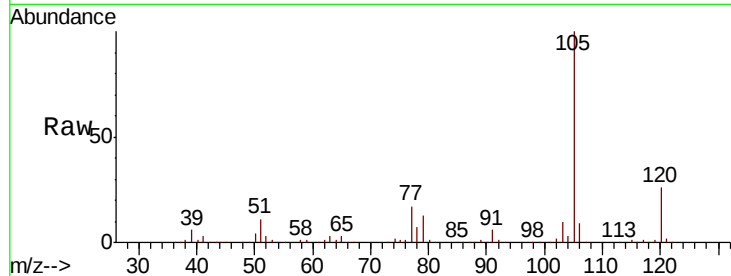
VX0409MBS01

Tgt Ion: 105 Resp: 173943

Ion Ratio Lower Upper

105 100

120 25.8 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

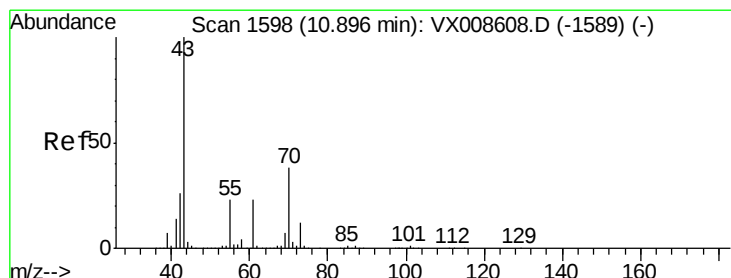
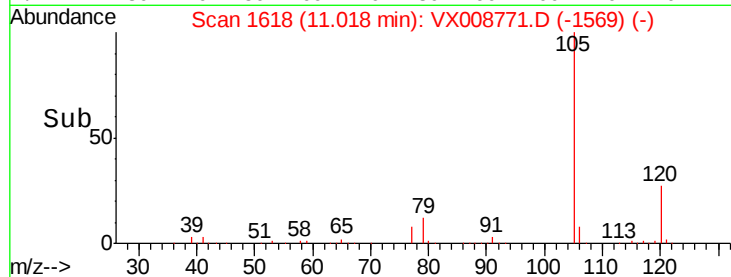
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 18.674 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008771.D

Acq: 09 Apr 2019 15:25

Tgt Ion: 43 Resp: 104958

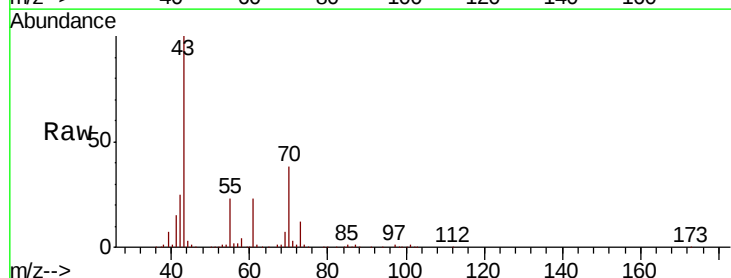
Ion Ratio Lower Upper

43 100

70 37.3 30.2 45.4

55 23.4 18.2 27.4

61 23.0 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

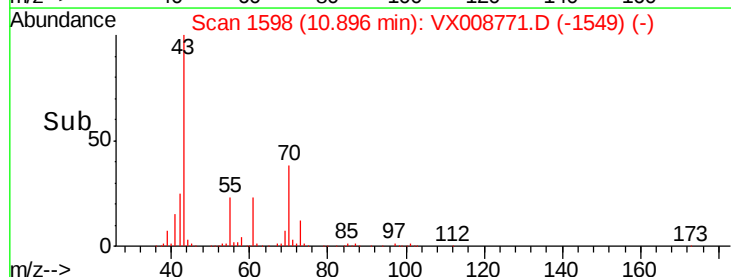
Ion 61.00 (60.70 to 61.70): VX0

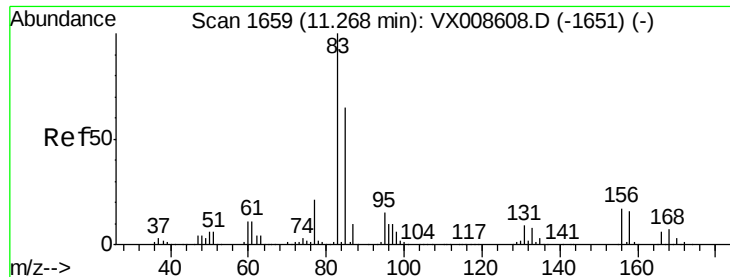
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.896 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008771.D

Acq: 09 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX0409MBS01

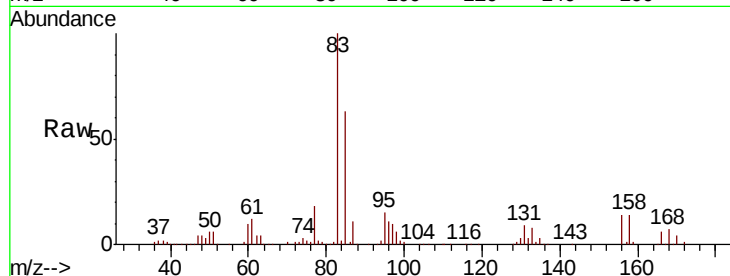
Tgt Ion: 83 Resp: 68655

Ion Ratio Lower Upper

83 100

131 9.1 4.5 13.7

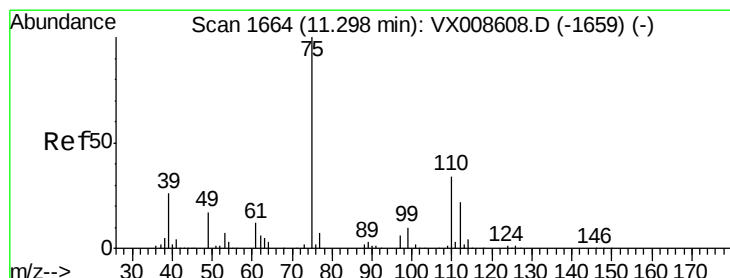
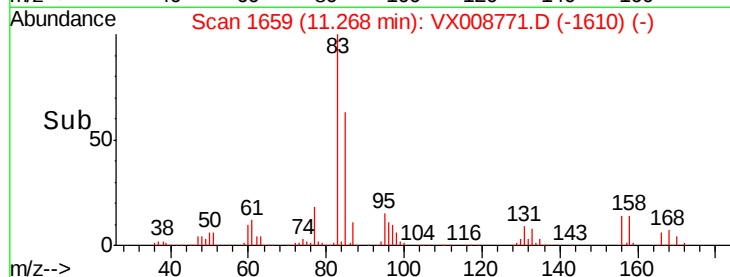
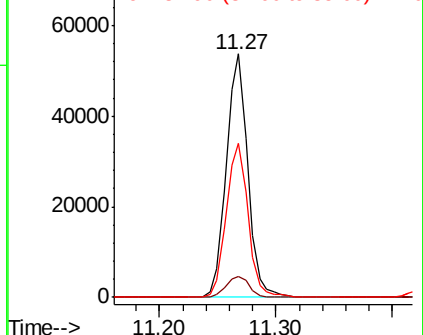
85 64.3 32.0 96.2



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: 24.948 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008771.D

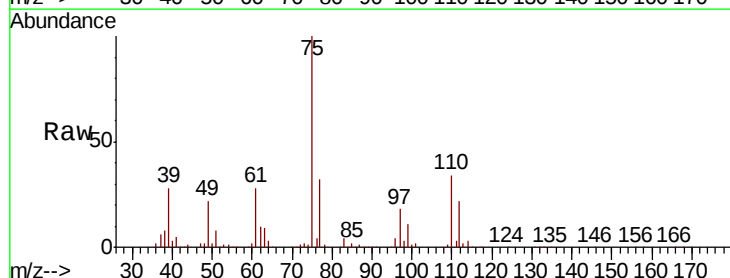
Acq: 09 Apr 2019 15:25

Tgt Ion: 75 Resp: 79003

Ion Ratio Lower Upper

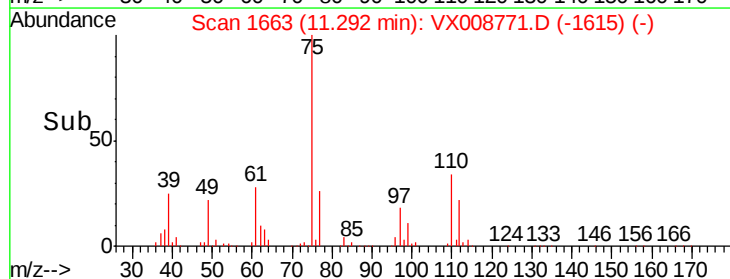
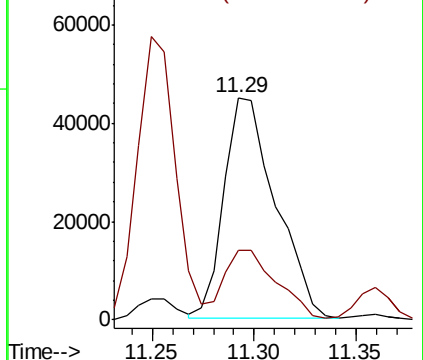
75 100

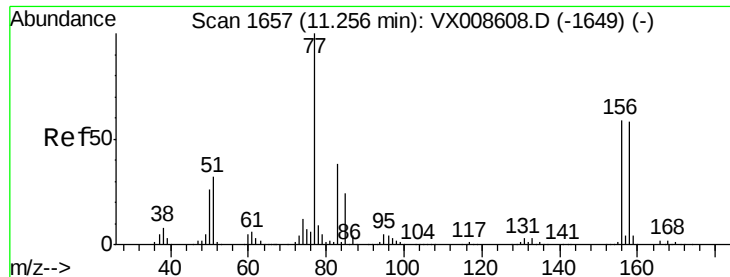
77 32.5 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.235 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008771.D

Acq: 09 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX0409MBS01

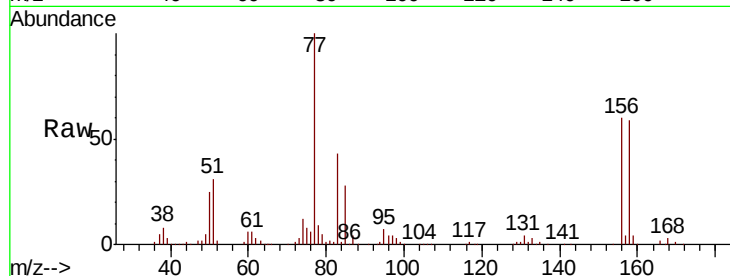
Tgt Ion:156 Resp: 41879

Ion Ratio Lower Upper

156 100

77 179.0 89.8 269.6

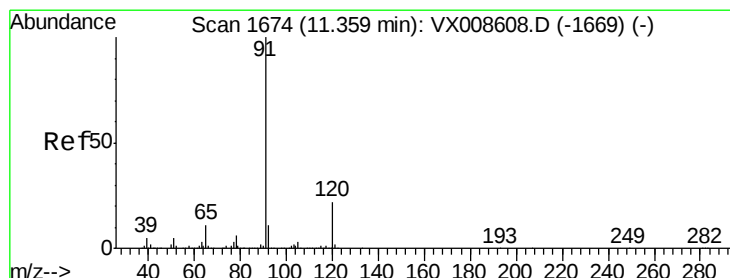
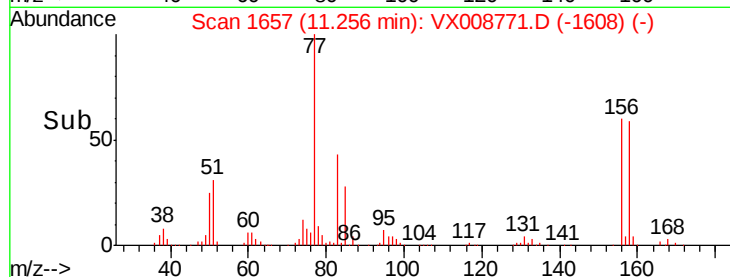
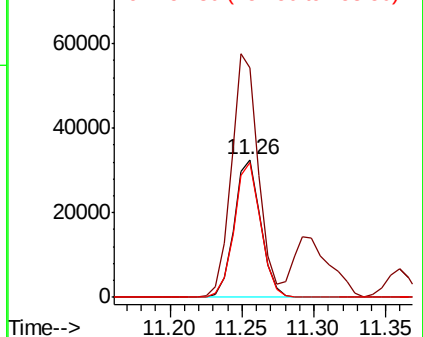
158 97.6 48.6 145.9



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: 17.722 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008771.D

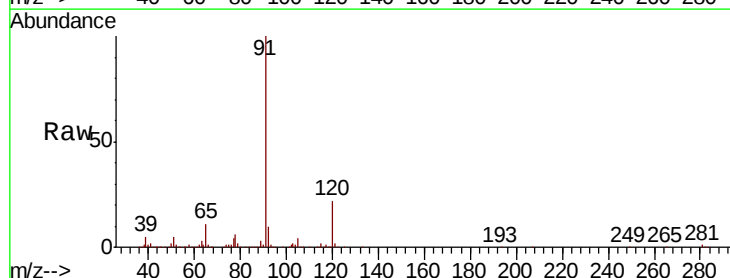
Acq: 09 Apr 2019 15:25

Tgt Ion: 91 Resp: 197130

Ion Ratio Lower Upper

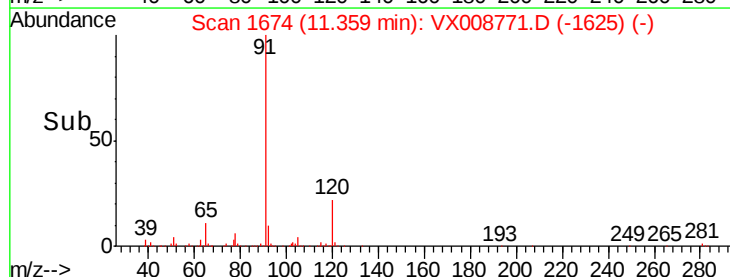
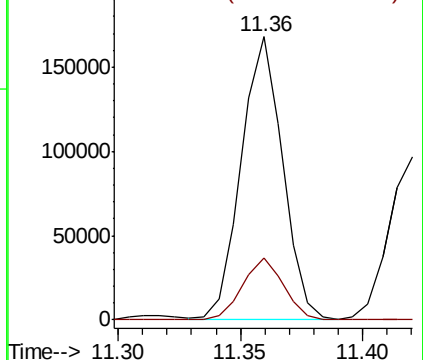
91 100

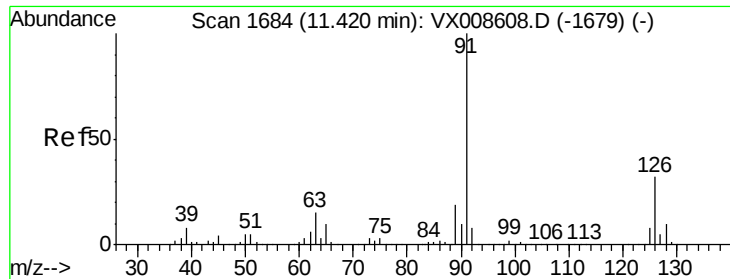
120 21.7 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

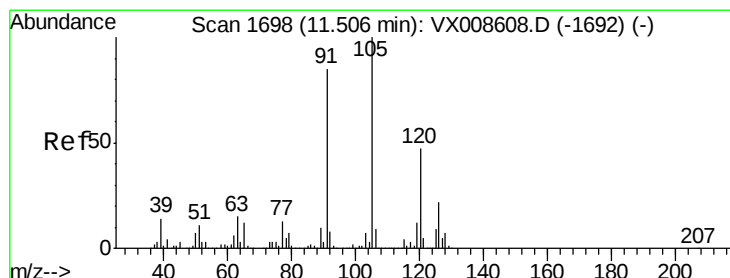
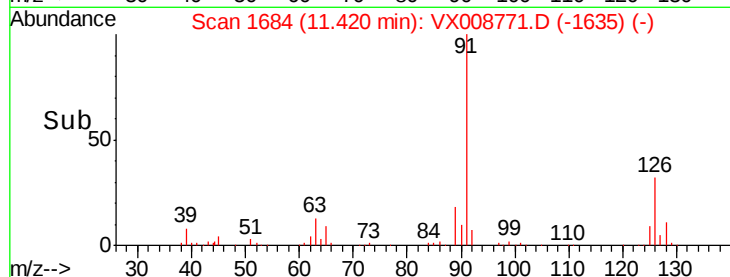
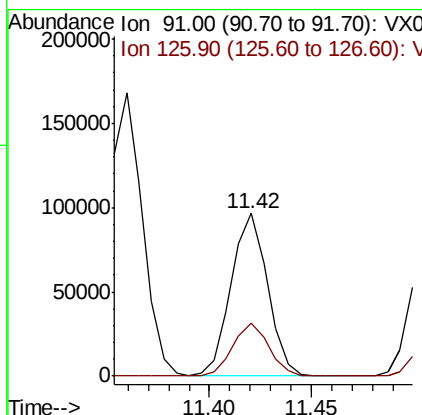
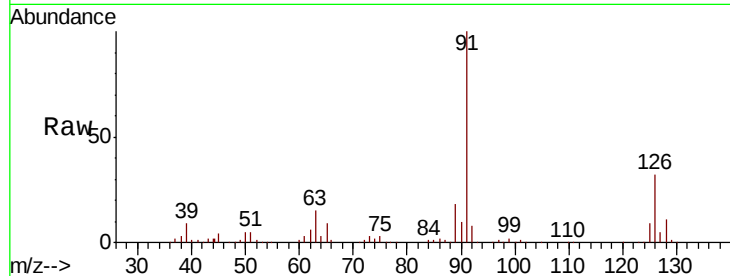




#79
 2-Chlorotoluene
 Concen: 17.693 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008771.D
 Acq: 09 Apr 2019 15:25

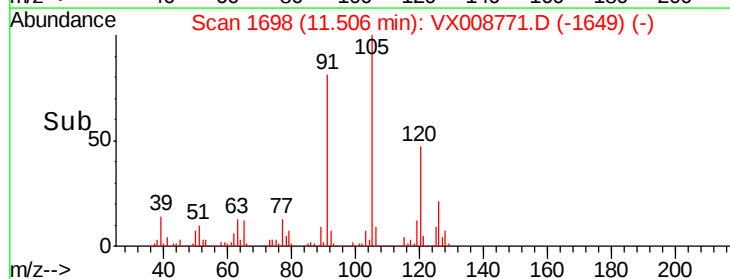
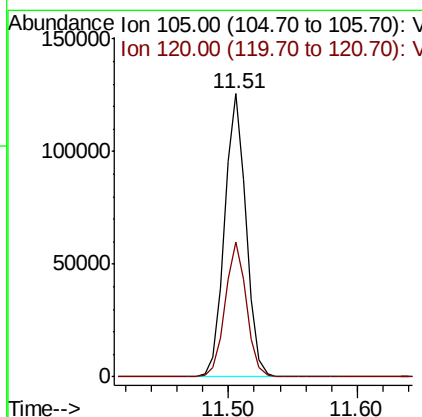
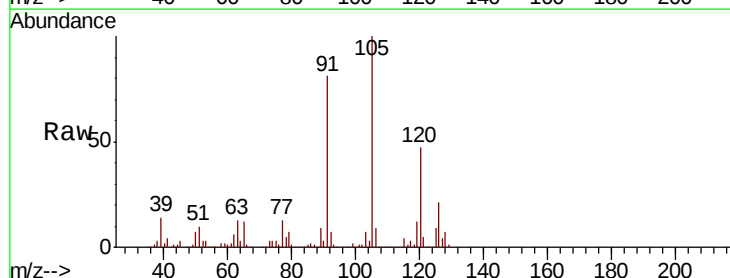
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409MBS01

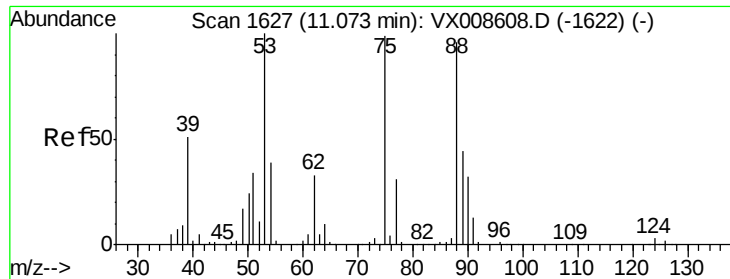
Tgt Ion: 91 Resp: 119103
 Ion Ratio Lower Upper
 91 100
 126 32.5 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 18.392 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008771.D
 Acq: 09 Apr 2019 15:25

Tgt Ion: 105 Resp: 147490
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.5 70.6





#81

trans-1,4-Dichloro-2-butene

Concen: 18.111 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008771.D

Acq: 09 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX0409MBS01

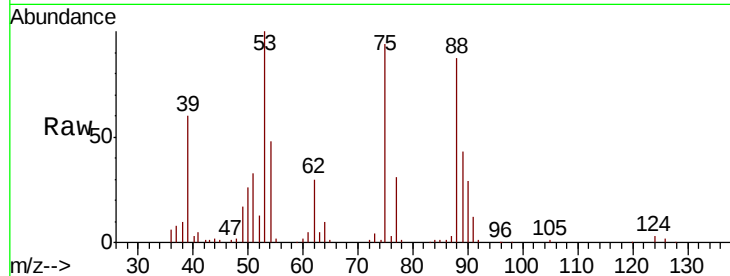
Tgt Ion: 75 Resp: 20806

Ion Ratio Lower Upper

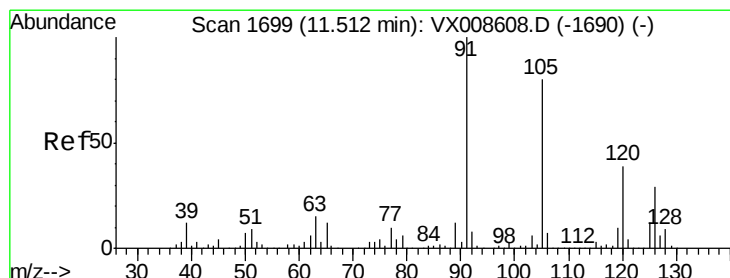
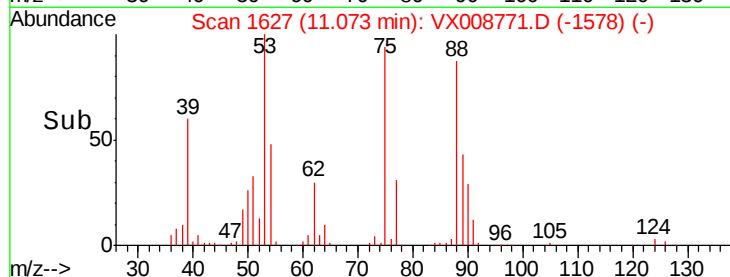
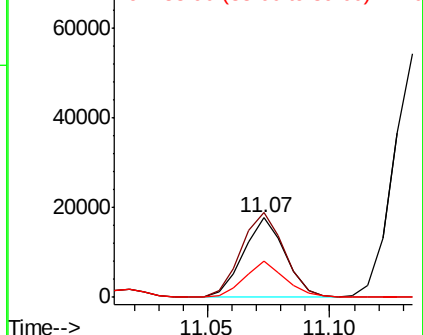
75 100

53 112.9 81.3 121.9

89 44.9 35.6 53.4



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: 17.499 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008771.D

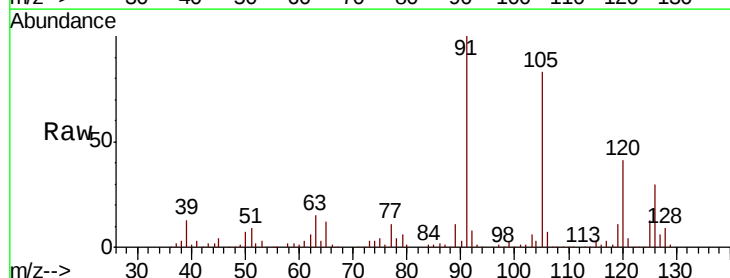
Acq: 09 Apr 2019 15:25

Tgt Ion: 91 Resp: 136354

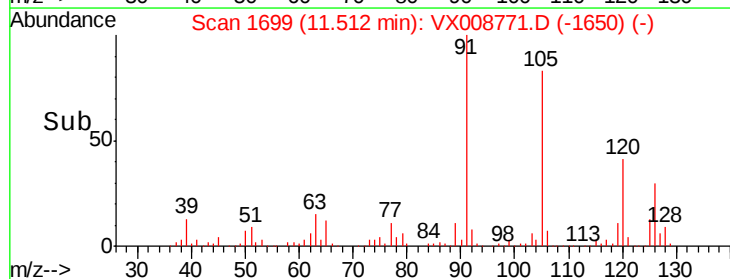
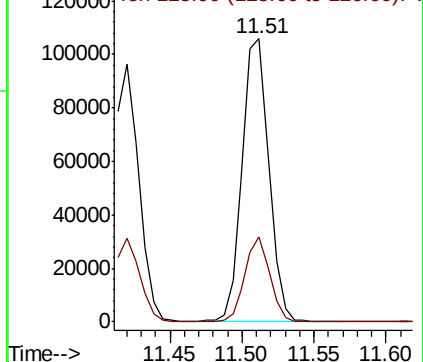
Ion Ratio Lower Upper

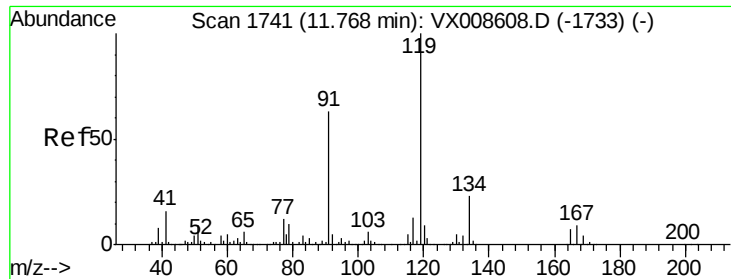
91 100

126 27.9 13.9 41.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

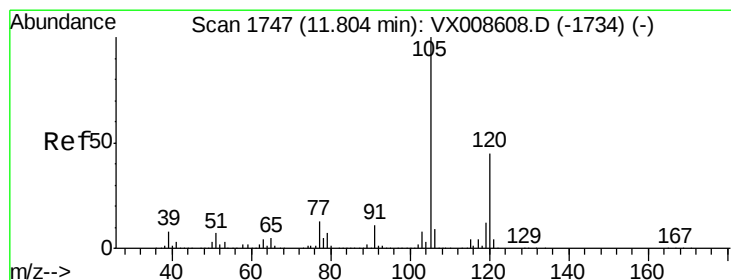
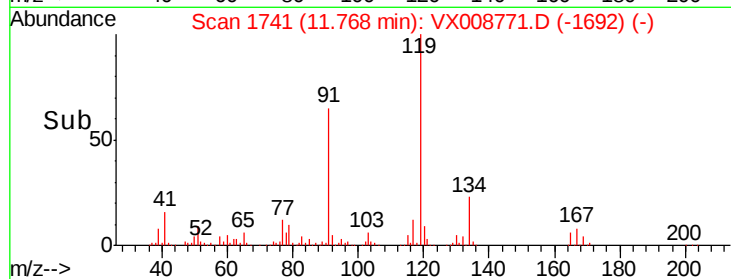
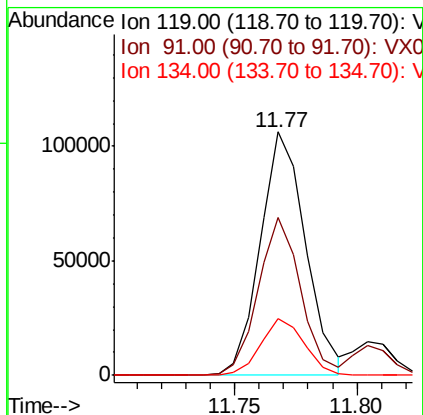
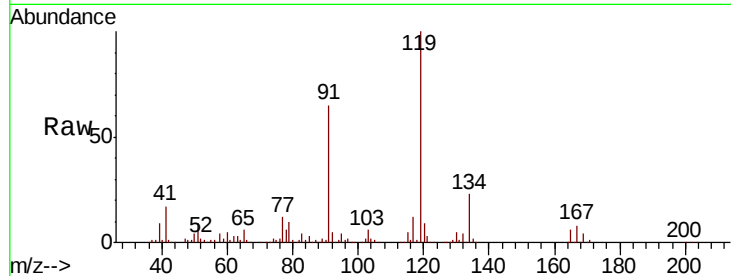




#83
tert-Butylbenzene
Concen: 17.851 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008771.D
Acq: 09 Apr 2019 15:25

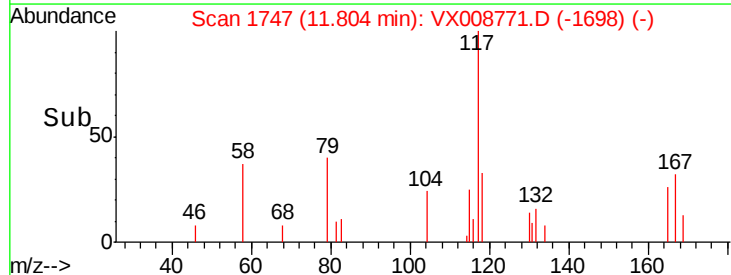
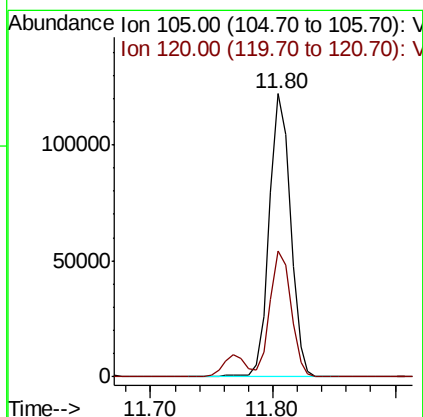
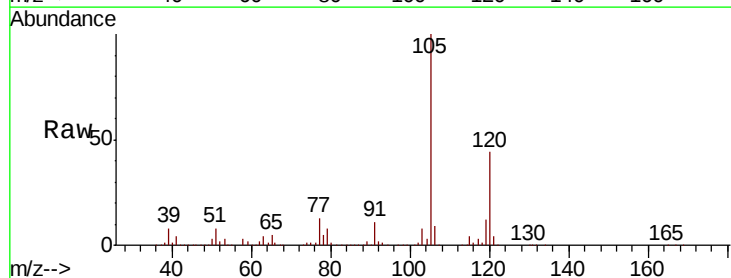
Instrument :
MSVOA_X
ClientSampleId :
VX0409MBS01

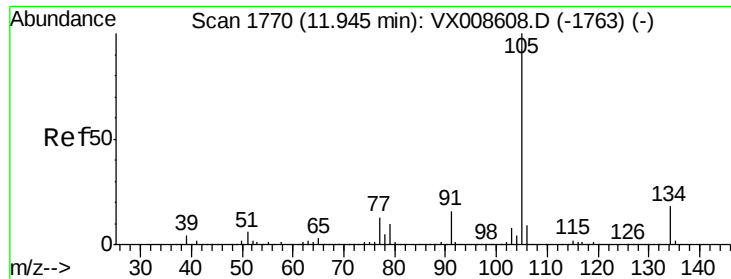
Tgt Ion:119 Resp: 137723
Ion Ratio Lower Upper
119 100
91 61.2 30.0 90.1
134 22.5 11.1 33.3



#84
1,2,4-Trimethylbenzene
Concen: 18.227 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008771.D
Acq: 09 Apr 2019 15:25

Tgt Ion:105 Resp: 148000
Ion Ratio Lower Upper
105 100
120 43.7 21.8 65.3

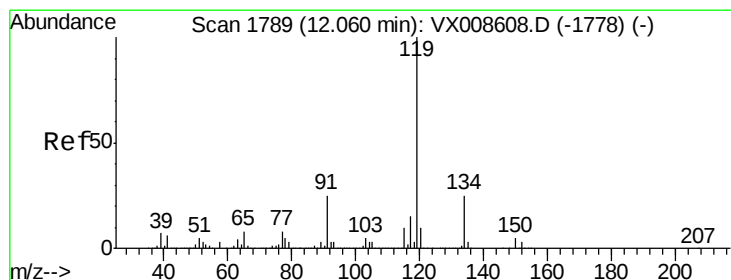
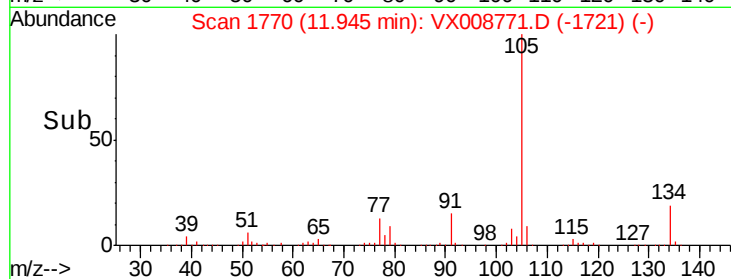
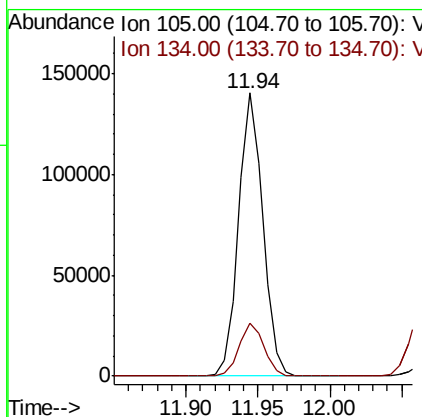
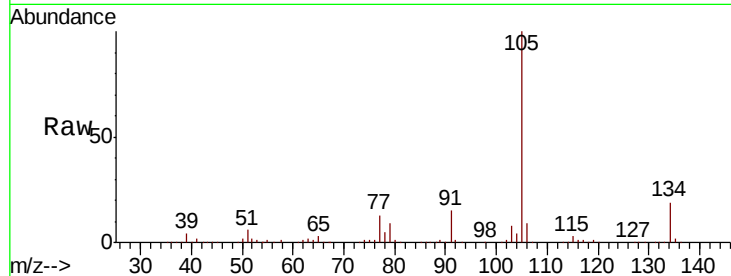




#85
 sec-Butylbenzene
 Concen: 17.964 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008771.D
 Acq: 09 Apr 2019 15:25

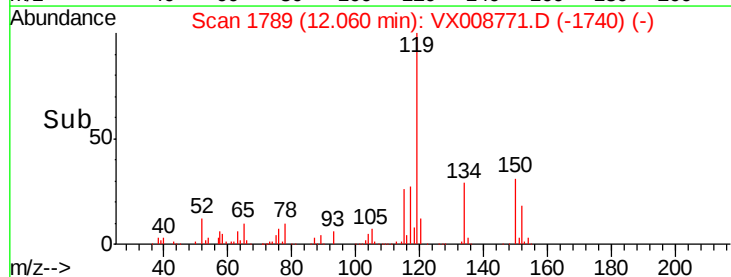
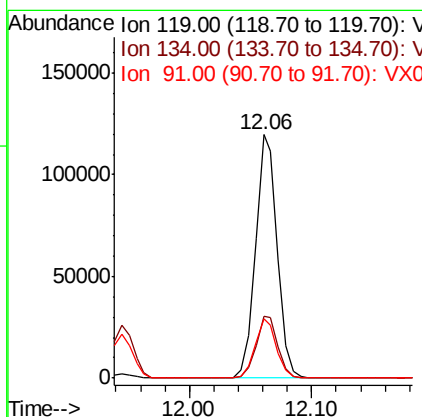
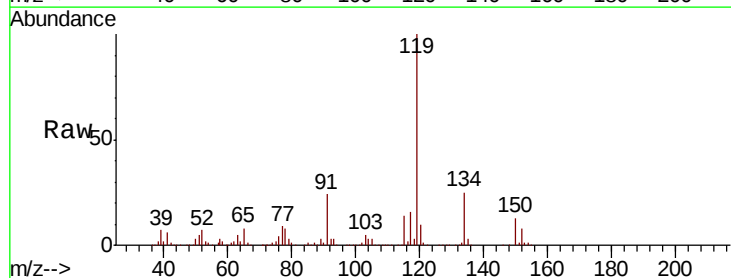
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409MBS01

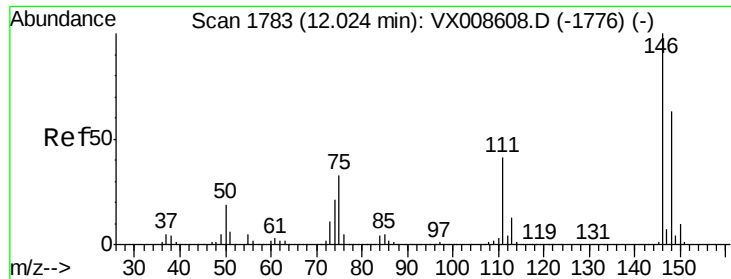
Tgt Ion:105 Resp: 164622
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 17.998 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008771.D
 Acq: 09 Apr 2019 15:25

Tgt Ion:119 Resp: 148039
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.4
 91 24.2 12.2 36.6

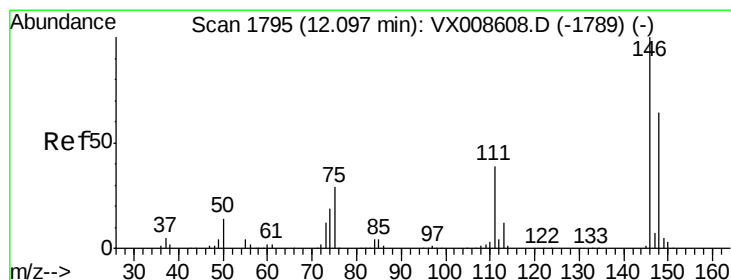
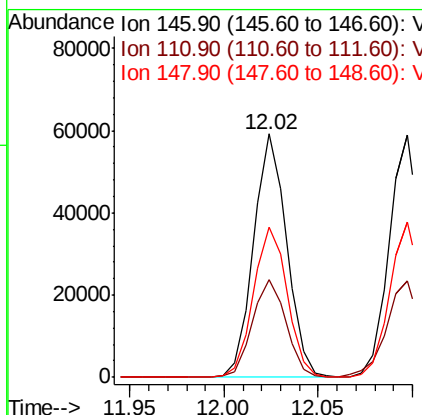
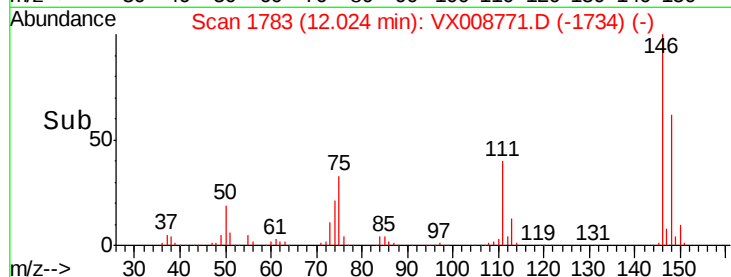
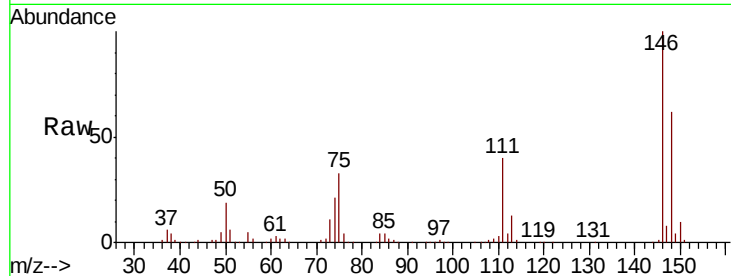




#87
 1,3-Dichlorobenzene
 Concen: 17.558 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008771.D
 Acq: 09 Apr 2019 15:25

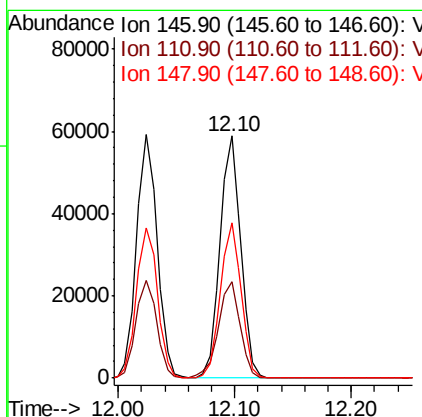
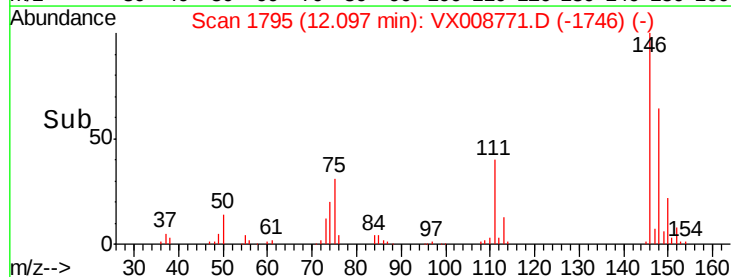
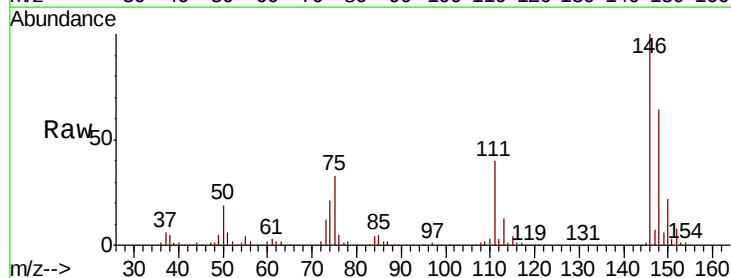
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409MBS01

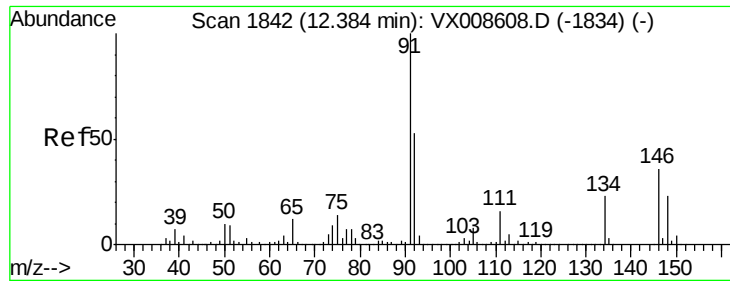
Tgt Ion:146 Resp: 72189
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.5 61.5
 148 63.2 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 17.295 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008771.D
 Acq: 09 Apr 2019 15:25

Tgt Ion:146 Resp: 72005
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.2 60.6
 148 64.3 32.0 96.0

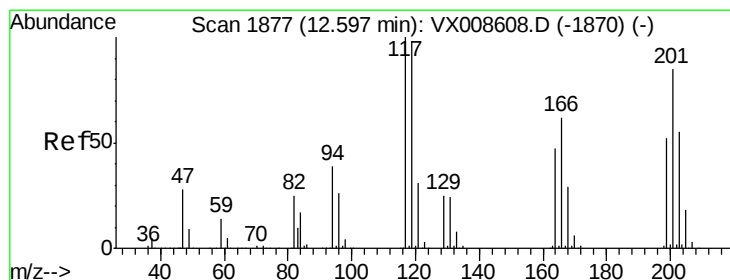
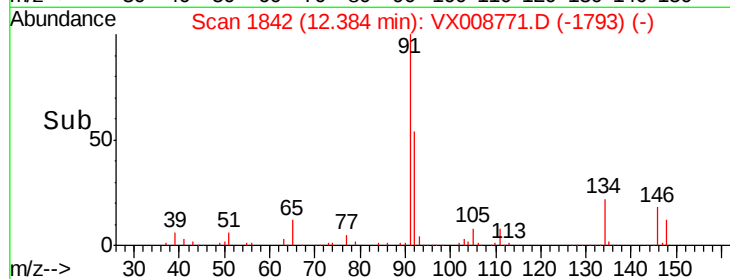
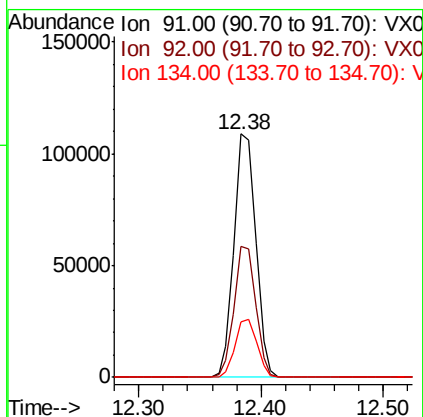
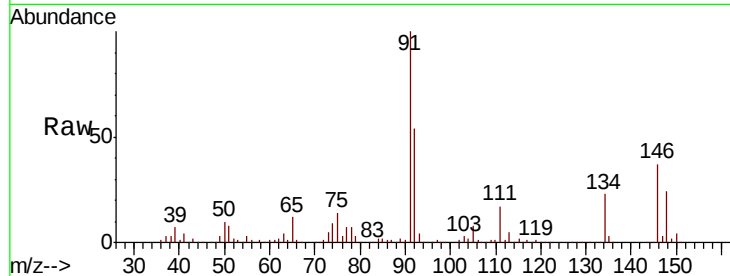




#89
n-Butylbenzene
Concen: 17.400 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008771.D
Acq: 09 Apr 2019 15:25

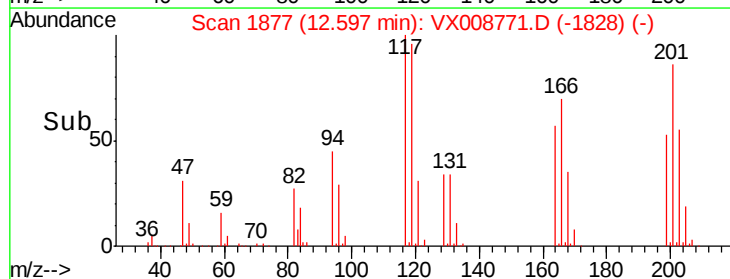
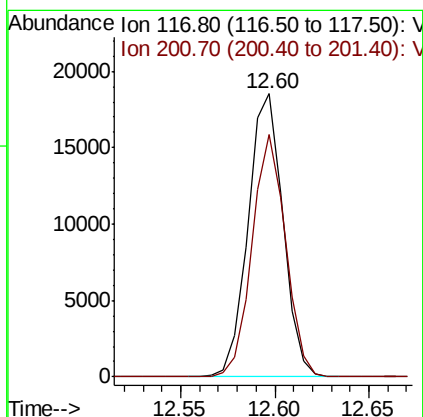
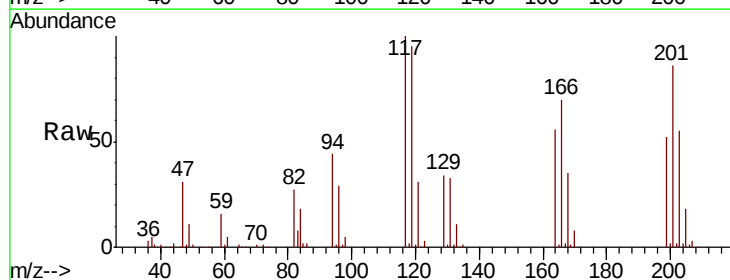
Instrument :
MSVOA_X
ClientSampleId :
VX0409MBS01

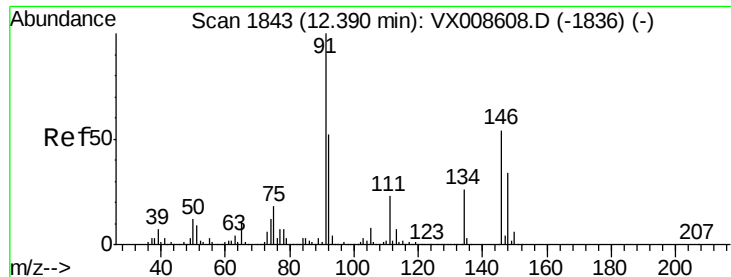
Tgt Ion: 91 Resp: 134220
Ion Ratio Lower Upper
91 100
92 53.4 26.4 79.2
134 24.0 12.0 36.0



#90
Hexachloroethane
Concen: 17.413 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008771.D
Acq: 09 Apr 2019 15:25

Tgt Ion: 117 Resp: 23756
Ion Ratio Lower Upper
117 100
201 82.1 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 18.086 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008771.D

Acq: 09 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX0409MBS01

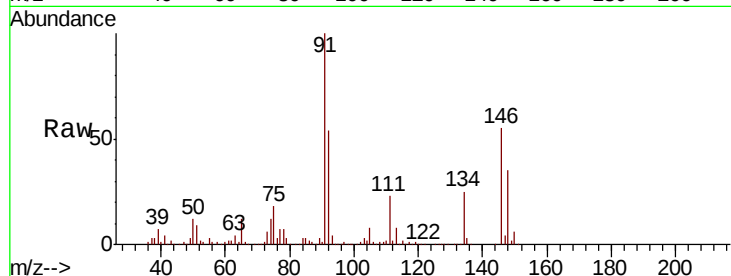
Tgt Ion:146 Resp: 73832

Ion Ratio Lower Upper

146 100

111 42.0 21.3 63.9

148 63.5 31.7 95.1

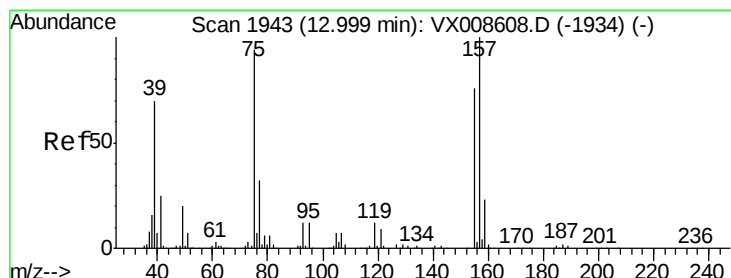
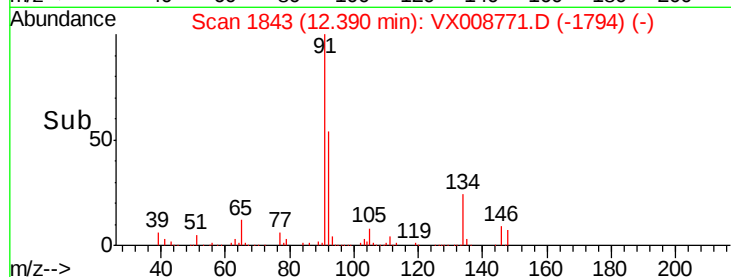
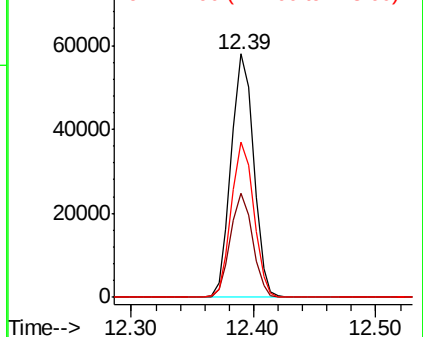


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.975 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008771.D

Acq: 09 Apr 2019 15:25

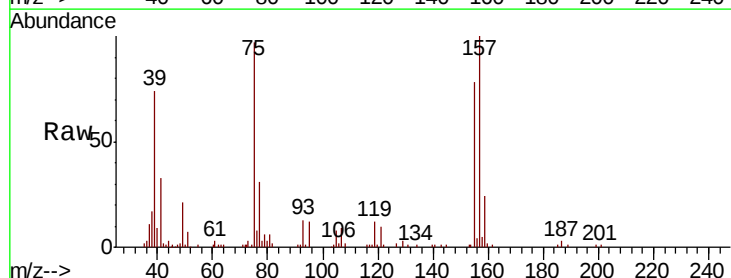
Tgt Ion: 75 Resp: 14367

Ion Ratio Lower Upper

75 100

155 79.5 39.9 119.6

157 101.6 51.5 154.7

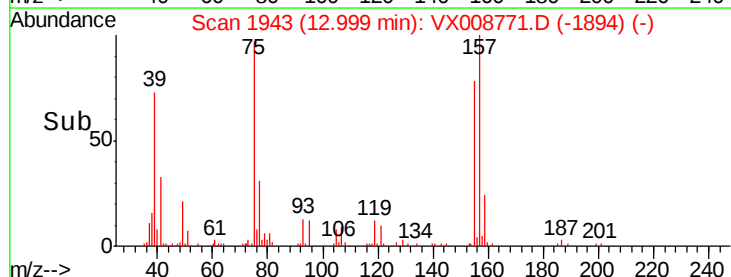
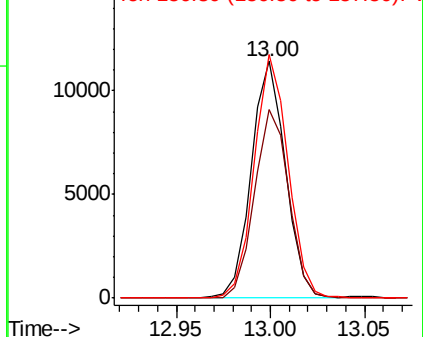


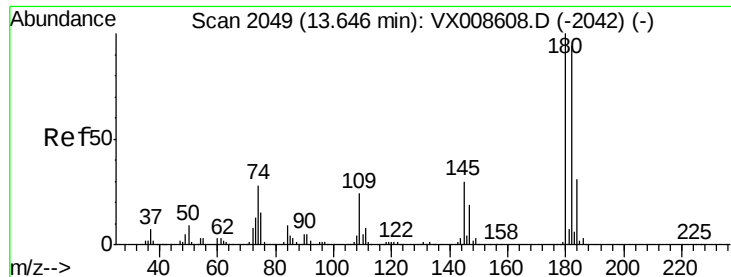
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

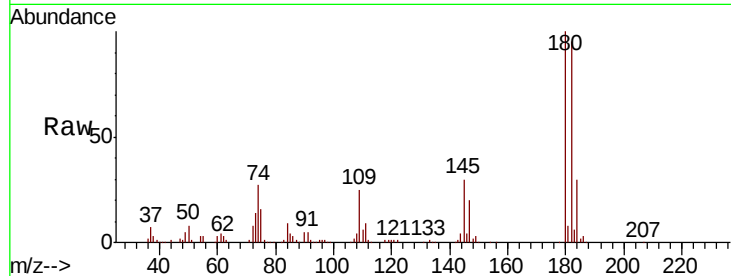




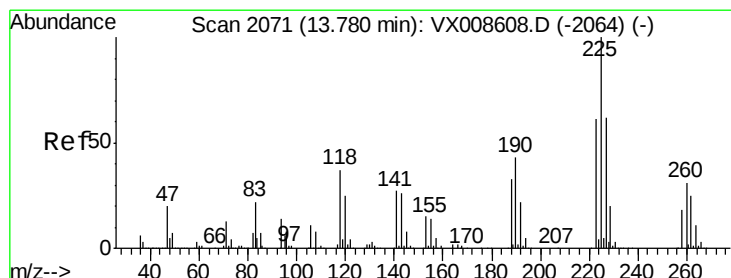
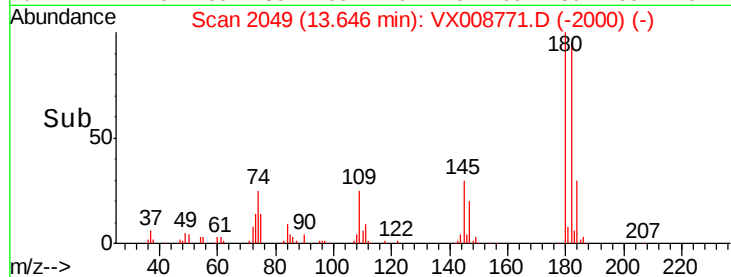
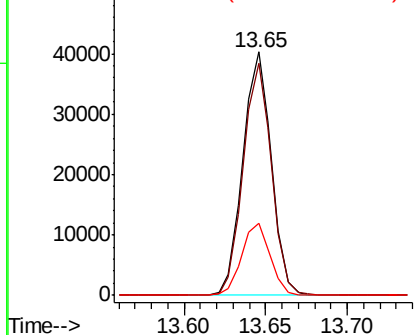
#93
 1,2,4-Trichlorobenzene
 Concen: 17.296 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008771.D
 Acq: 09 Apr 2019 15:25

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0409MBS01

Tgt Ion:180 Resp: 49091
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.2 141.6
 145 29.7 15.3 45.9

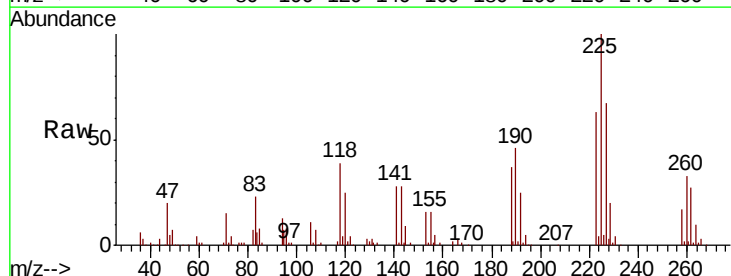


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

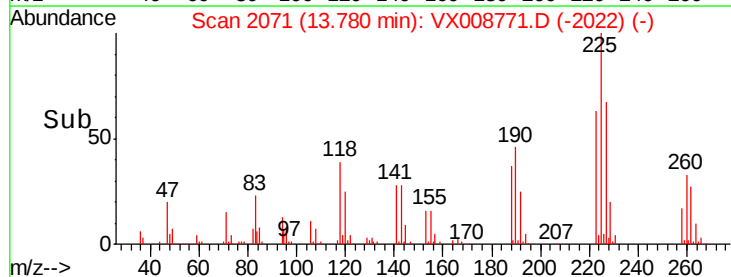
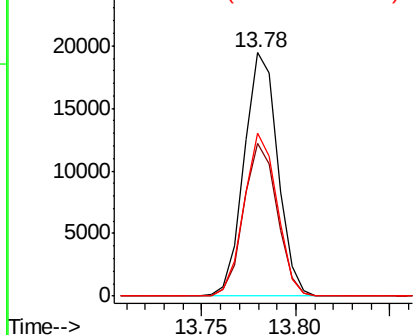


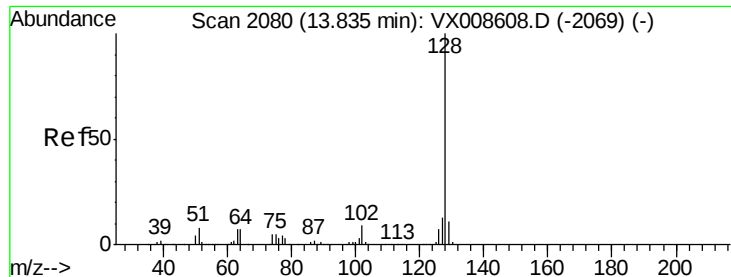
#94
 Hexachlorobutadiene
 Concen: 17.713 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008771.D
 Acq: 09 Apr 2019 15:25

Tgt Ion:225 Resp: 24111
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.2 93.6
 227 65.7 31.9 95.5



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

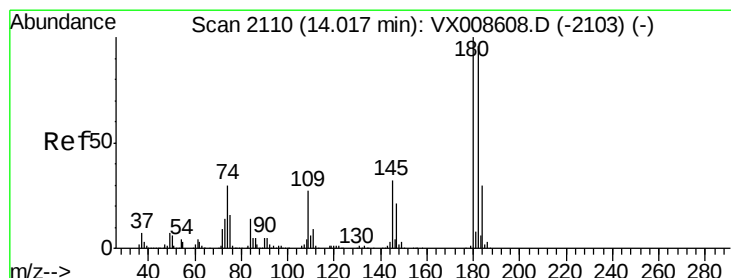
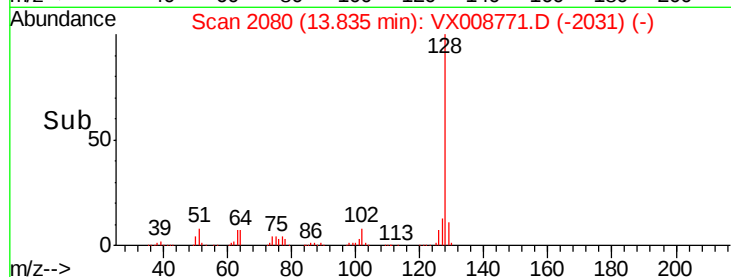
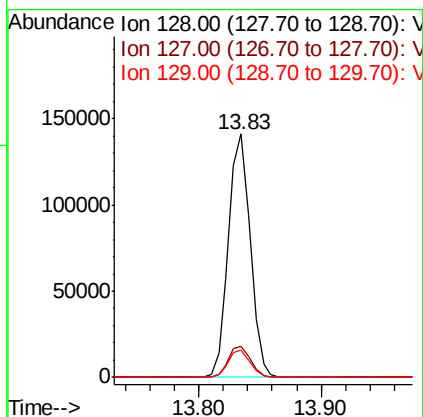
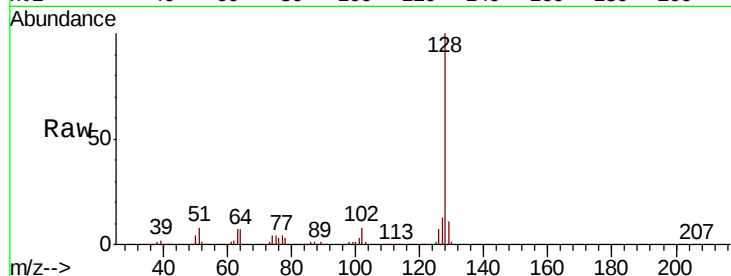




#95
Naphthalene
Concen: 18.356 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008771.D
Acq: 09 Apr 2019 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX0409MBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.0	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 17.691 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008771.D
Acq: 09 Apr 2019 15:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.1	144.3
145	31.8	16.3	48.8

