

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121224\
 Data File : VX044242.D
 Acq On : 12 Dec 2024 11:11
 Operator : JC/MD
 Sample : VX1212WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 13 01:36:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	121195	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	227941	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	202488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86895	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	102229	48.109	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.220%
35) Dibromofluoromethane	5.379	113	75221	47.647	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.300%
50) Toluene-d8	8.647	98	280417	52.650	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.300%
62) 4-Bromofluorobenzene	11.079	95	95056	51.076	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.160%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	232	0.129	ug/l #	42
4) Vinyl Chloride	1.374	62	120	0.064	ug/l #	43
5) Bromomethane	1.593	94	334	0.252	ug/l #	40
6) Chloroethane	1.672	64	76	0.065	ug/l #	41
7) Trichlorofluoromethane	1.874	101	87	0.024	ug/l #	18
8) Diethyl Ether	2.142	74	55	0.044	ug/l #	1
10) Methyl Iodide	2.441	142	21	0.011	ug/l #	34
11) Tert butyl alcohol	2.934	59	2564	8.561	ug/l #	71
12) 1,1-Dichloroethene	2.313	96	69	0.051	ug/l #	1
13) Acrolein	2.154	56	105	0.242	ug/l #	40
14) Allyl chloride	2.654	41	155	0.069	ug/l #	20
15) Acrylonitrile	3.099	53	75	0.090	ug/l #	17
16) Acetone	2.380	43	558	0.644	ug/l #	48
17) Carbon Disulfide	2.495	76	537	0.208	ug/l #	75
18) Methyl Acetate	2.709	43	359	0.161	ug/l #	54
19) Methyl tert-butyl Ether	2.928	73	61	0.012	ug/l #	56
20) Methylene Chloride	2.788	84	285	0.175	ug/l #	70
21) trans-1,2-Dichloroethene	3.081	96	139	0.096	ug/l #	65
22) Diisopropyl ether	3.764	45	22	0.004	ug/l #	75
23) Vinyl Acetate	3.727	43	19	0.005	ug/l #	73
25) 2-Butanone	4.605	43	59	0.048	ug/l #	50
27) cis-1,2-Dichloroethene	4.477	96	44	0.024	ug/l #	1
29) Tetrahydrofuran	5.044	42	65	0.082	ug/l #	45
30) Chloroform	5.074	83	46	0.014	ug/l #	18
31) Cyclohexane	5.550	56	3405	1.485	ug/l #	40
32) 1,1,1-Trichloroethane	5.519	97	35	0.013	ug/l #	24
36) 1,1-Dichloropropene	5.550	75	11465	5.618	ug/l #	46
37) Ethyl Acetate	4.769	43	38	0.015	ug/l #	71
38) Carbon Tetrachloride	5.550	117	14862	6.765	ug/l #	17
39) Methylcyclohexane	7.379	83	18	0.007	ug/l #	18
40) Benzene	6.056	78	107	0.017	ug/l #	51
41) Methacrylonitrile	4.916	41	45	0.034	ug/l #	23
42) 1,2-Dichloroethane	6.111	62	172	0.067	ug/l #	78
43) Isopropyl Acetate	6.348	43	62	0.016	ug/l #	63
44) Trichloroethene	7.123	130	306	0.198	ug/l	37
45) 1,2-Dichloropropane	7.373	63	20	0.013	ug/l #	44

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121224\
 Data File : VX044242.D
 Acq On : 12 Dec 2024 11:11
 Operator : JC/MD
 Sample : VX1212WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 13 01:36:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

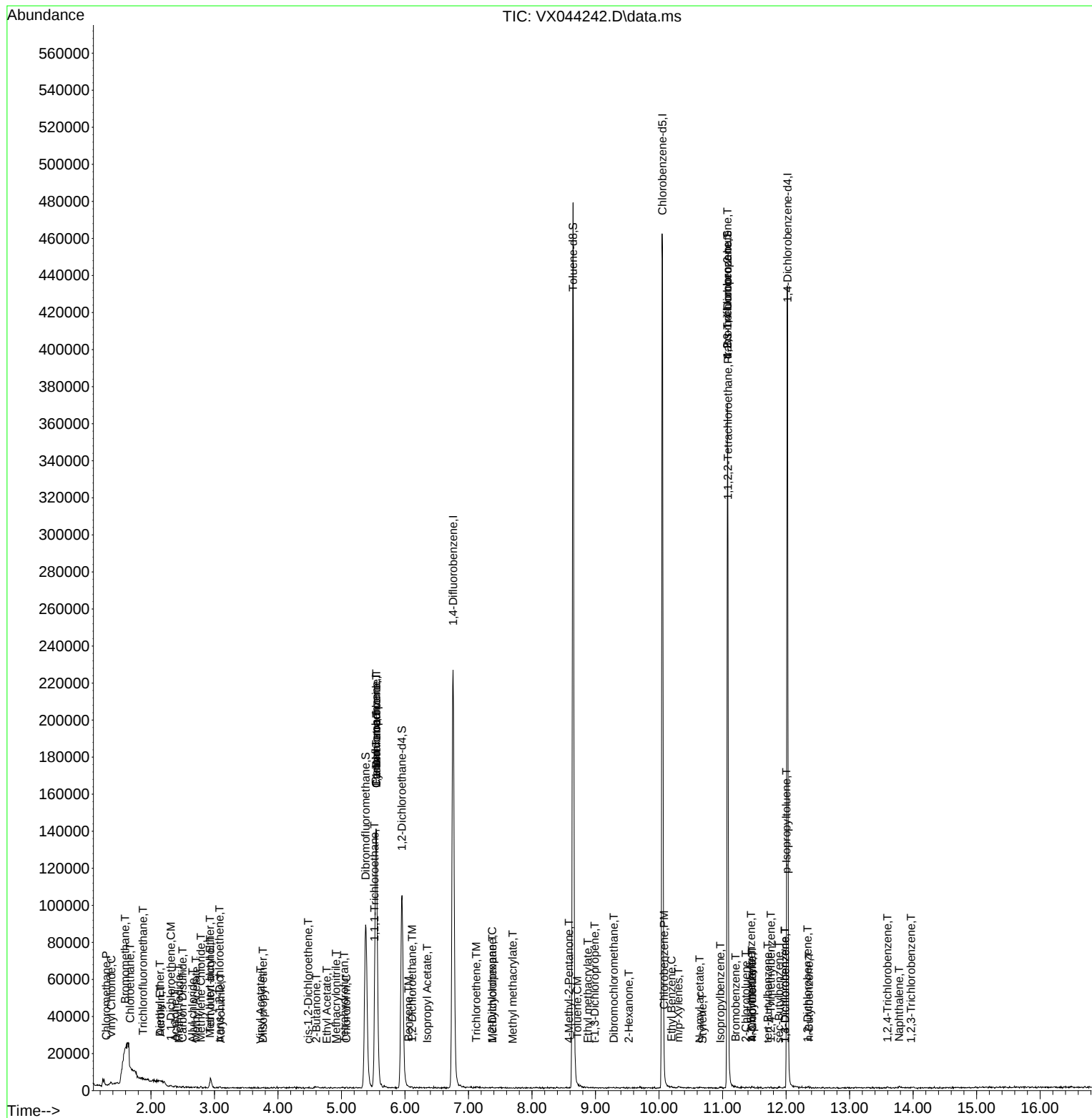
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Methyl methacrylate	7.696	41	48	0.025	ug/l #	13
51) 4-Methyl-2-Pentanone	8.580	43	60	0.024	ug/l #	38
52) Toluene	8.714	92	37	0.010	ug/l #	1
53) t-1,3-Dichloropropene	8.988	75	33	1.011	ug/l #	41
56) Ethyl methacrylate	8.878	69	19	0.008	ug/l #	1
59) 2-Hexanone	9.525	43	28	0.015	ug/l #	26
60) Dibromochloromethane	9.287	129	25	1.247	ug/l #	11
65) Chlorobenzene	10.079	112	350	0.081	ug/l #	83
67) Ethyl Benzene	10.195	91	286	0.038	ug/l #	66
68) m/p-Xylenes	10.305	106	278	0.101	ug/l	91
70) Styrene	10.683	104	200	0.045	ug/l #	54
73) Isopropylbenzene	10.963	105	348	0.052	ug/l #	73
74) N-amyl acetate	10.640	43	32	0.010	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	11.085	83	98	0.042	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	53147	27.393	ug/l #	35
77) Bromobenzene	11.207	156	80	0.050	ug/l #	29
78) n-propylbenzene	11.463	91	427	0.058	ug/l	99
79) 2-Chlorotoluene	11.366	91	302	0.064	ug/l	80
80) 1,3,5-Trimethylbenzene	11.451	105	279	0.051	ug/l	80
81) trans-1,4-Dichloro-2-b...	11.079	75	53147	75.316	ug/l #	4
82) 4-Chlorotoluene	11.463	91	427	0.081	ug/l	80
83) tert-Butylbenzene	11.713	119	134	0.025	ug/l	86
84) 1,2,4-Trimethylbenzene	11.762	105	327	0.060	ug/l	77
85) sec-Butylbenzene	11.890	105	349	0.053	ug/l #	57
86) p-Isopropyltoluene	12.006	119	328	0.060	ug/l #	1
87) 1,3-Dichlorobenzene	11.982	146	235	0.083	ug/l #	65
88) 1,4-Dichlorobenzene	11.982	146	235	0.081	ug/l	66
89) n-Butylbenzene	12.360	91	290	0.063	ug/l #	47
91) 1,2-Dichlorobenzene	12.341	146	160	0.055	ug/l #	69
93) 1,2,4-Trichlorobenzene	13.597	180	273	0.170	ug/l #	30
95) Naphthalene	13.780	128	977	0.156	ug/l #	79
96) 1,2,3-Trichlorobenzene	13.969	180	109	0.064	ug/l #	1

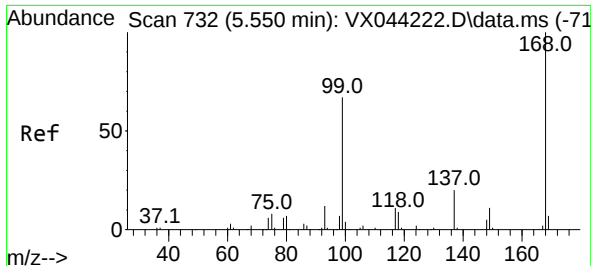
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121224\  
Data File : VX044242.D  
Acq On    : 12 Dec 2024  11:11  
Operator  : JC/MD  
Sample    : VX1212WBL01  
Misc      : 5.0mL/MSVOA_X/WATER  
ALS Vial  : 4      Sample Multiplier: 1
```

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 13 01:36:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

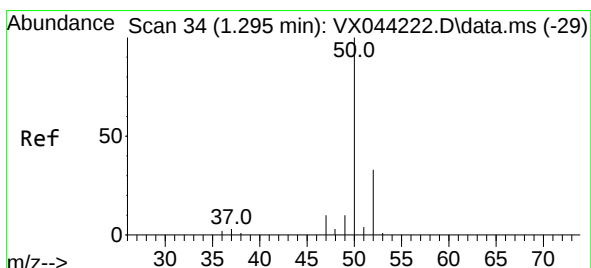
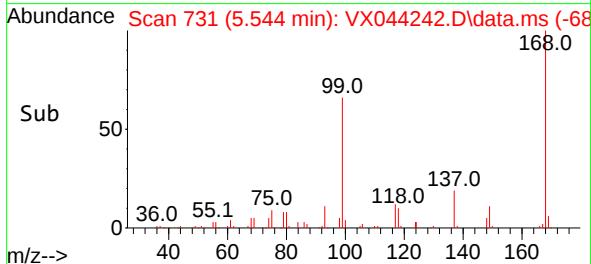
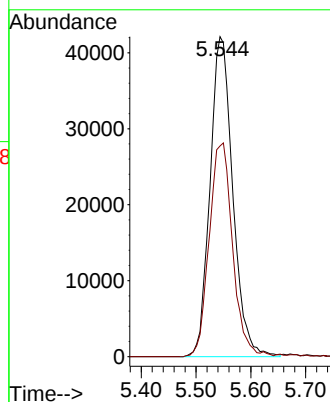
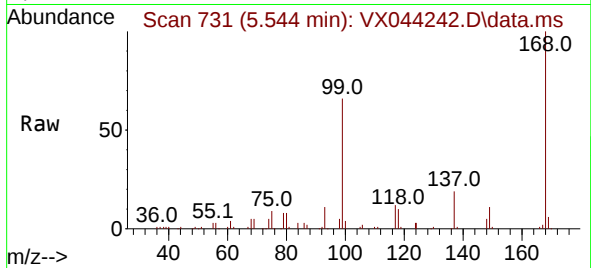




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044242.D
Acq: 12 Dec 2024 11:11

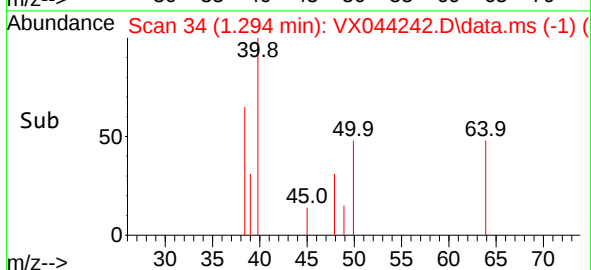
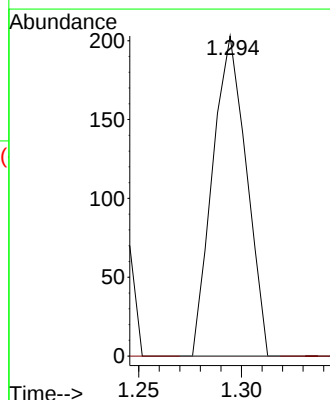
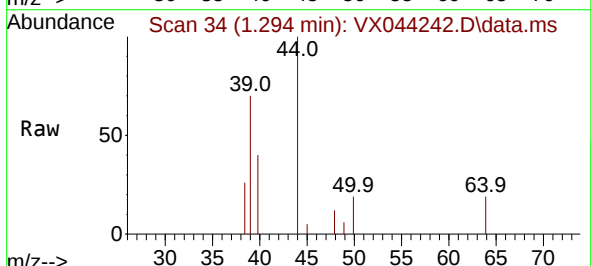
Instrument :
MSVOA_X
ClientSampleId :

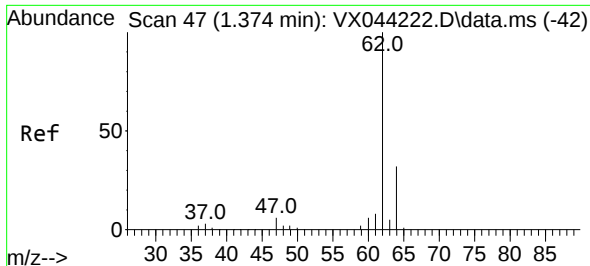
Tgt Ion:168 Resp: 121195
Ion Ratio Lower Upper
168 100
99 65.8 53.4 80.0



#3
Chloromethane
Concen: 0.129 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044242.D
Acq: 12 Dec 2024 11:11

Tgt Ion: 50 Resp: 232
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#

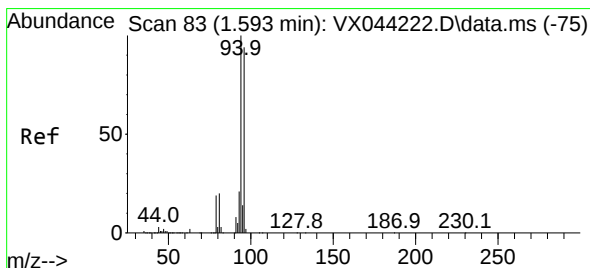
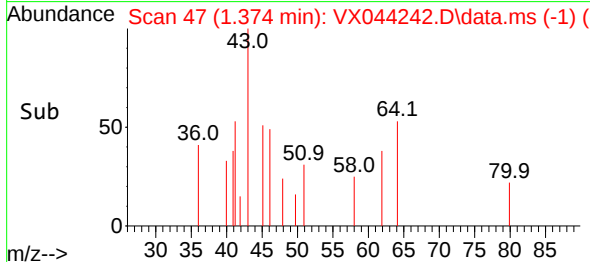
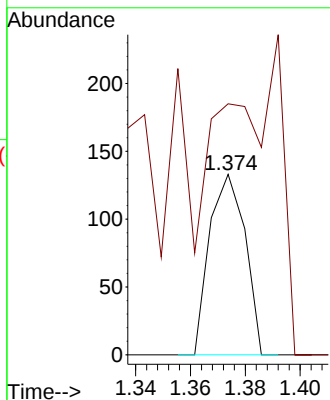
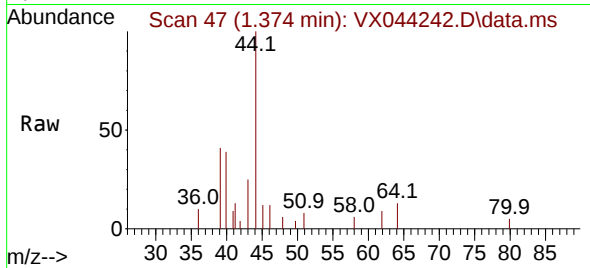




#4
 Vinyl Chloride
 Concen: 0.064 ug/l
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX044242.D
 Acq: 12 Dec 2024 11:11

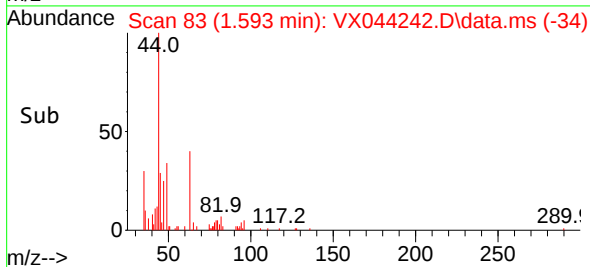
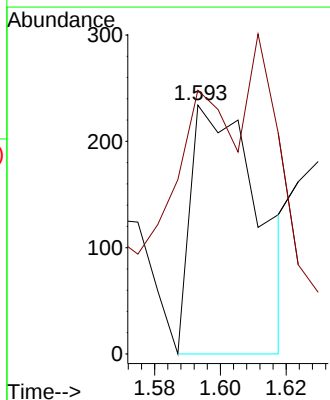
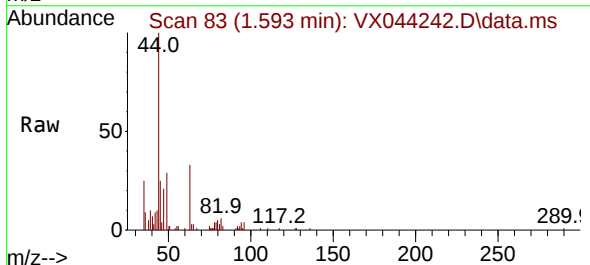
Instrument :
 MSVOA_X
 ClientSampleId :

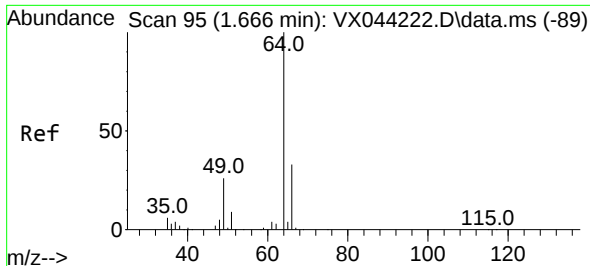
Tgt Ion: 62 Resp: 120
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.7 38.5#



#5
 Bromomethane
 Concen: 0.252 ug/l
 RT: 1.593 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VX044242.D
 Acq: 12 Dec 2024 11:11

Tgt Ion: 94 Resp: 334
 Ion Ratio Lower Upper
 94 100
 96 35.9 74.9 112.3#

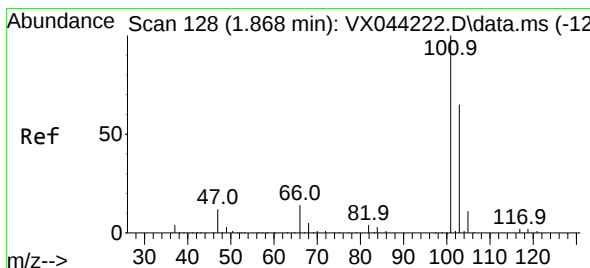
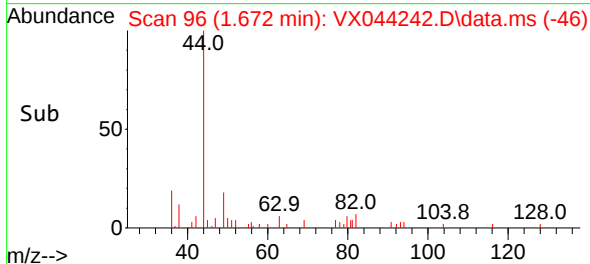
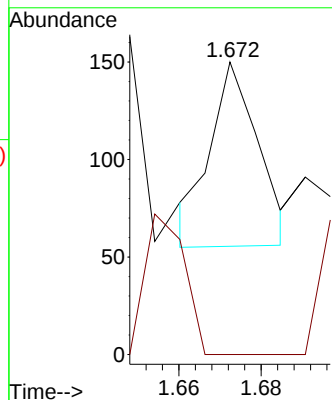
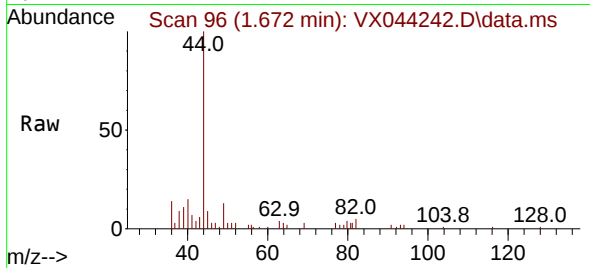




#6
Chloroethane
Concen: 0.065 ug/l
RT: 1.672 min Scan# 90
Delta R.T. 0.006 min
Lab File: VX044242.D
Acq: 12 Dec 2024 11:11

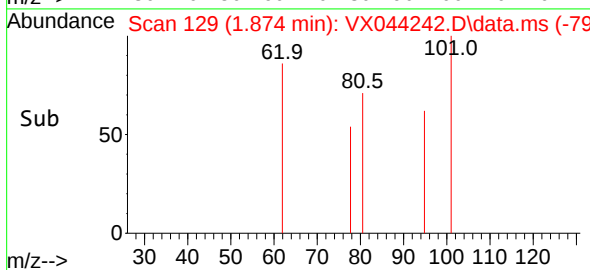
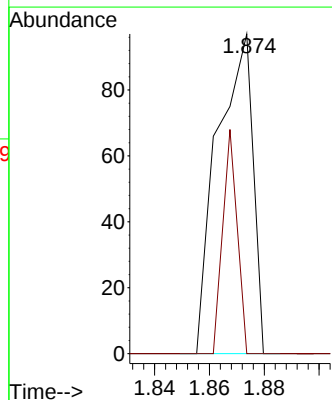
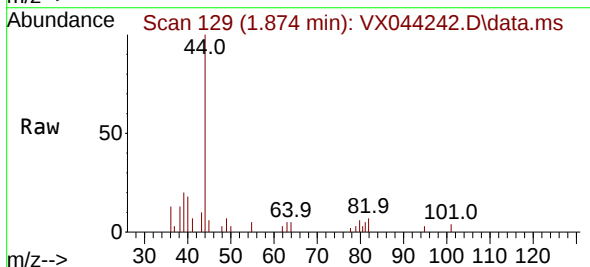
Instrument :
MSVOA_X
ClientSampleId :

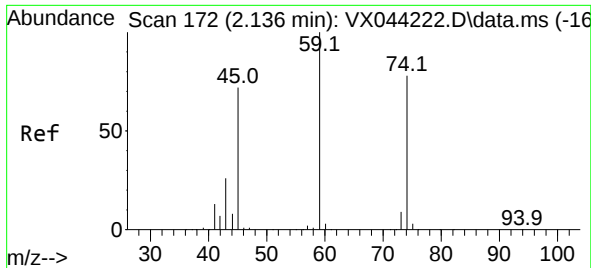
Tgt Ion: 64 Resp: 76
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#



#7
Trichlorofluoromethane
Concen: 0.024 ug/l
RT: 1.874 min Scan# 129
Delta R.T. 0.006 min
Lab File: VX044242.D
Acq: 12 Dec 2024 11:11

Tgt Ion: 101 Resp: 87
Ion Ratio Lower Upper
101 100
103 0.0 51.8 77.8#

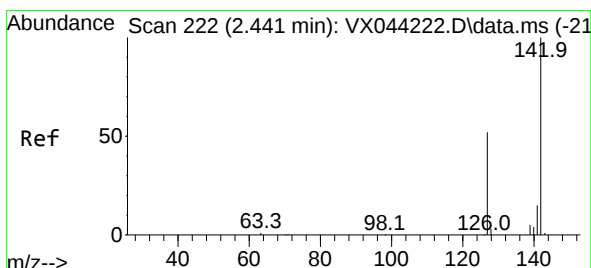
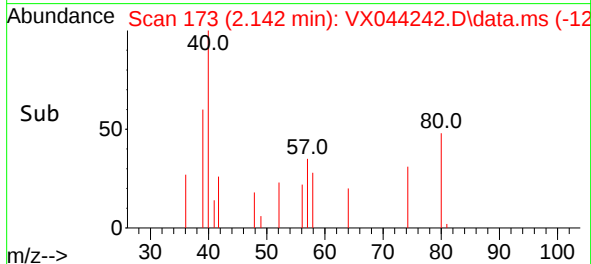
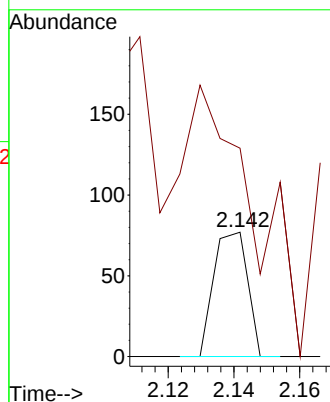
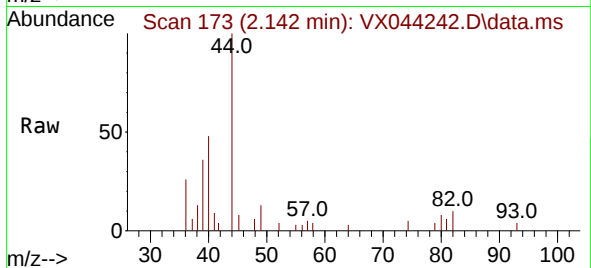




#8
Diethyl Ether
Concen: 0.044 ug/l
RT: 2.142 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044242.D
Acq: 12 Dec 2024 11:11

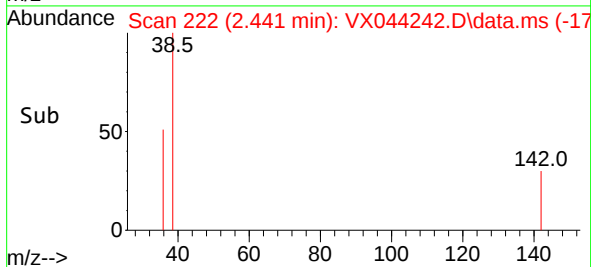
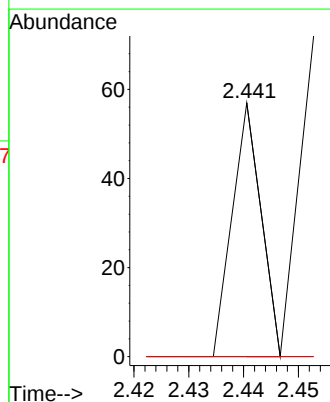
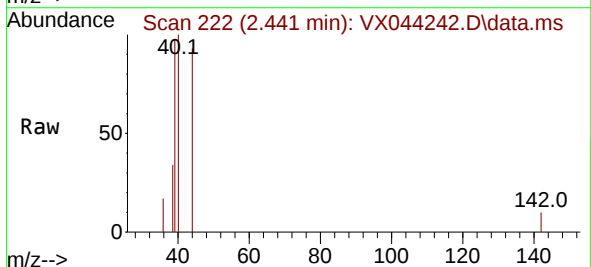
Instrument :
MSVOA_X
ClientSampleId :

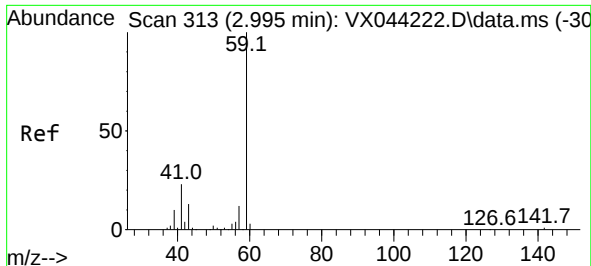
Tgt Ion: 74 Resp: 55
Ion Ratio Lower Upper
74 100
45 392.7 48.4 145.0#



#10
Methyl Iodide
Concen: 0.011 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX044242.D
Acq: 12 Dec 2024 11:11

Tgt Ion:142 Resp: 21
Ion Ratio Lower Upper
142 100
127 0.0 41.8 62.8#
141 0.0 11.5 17.3#





#11

Tert butyl alcohol

Concen: 8.561 ug/l

RT: 2.934 min Scan# 30

Delta R.T. -0.061 min

Lab File: VX044242.D

Acq: 12 Dec 2024 11:11

Instrument :

MSVOA_X

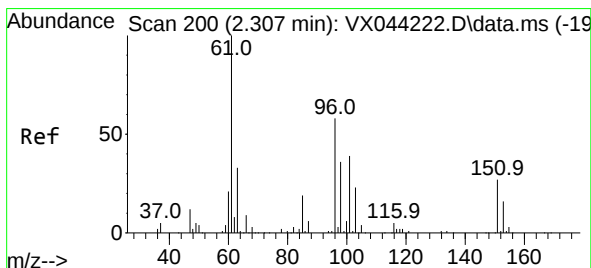
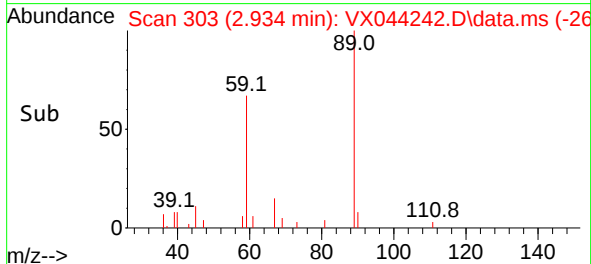
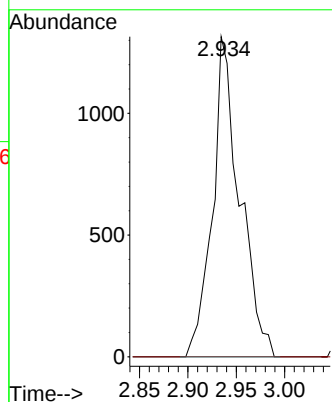
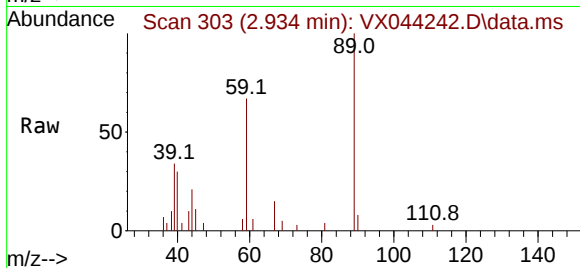
ClientSampleId :

Tgt Ion: 59 Resp: 2564

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



#12

1,1-Dichloroethene

Concen: 0.051 ug/l

RT: 2.313 min Scan# 201

Delta R.T. 0.006 min

Lab File: VX044242.D

Acq: 12 Dec 2024 11:11

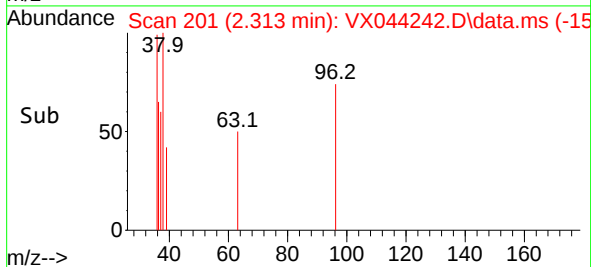
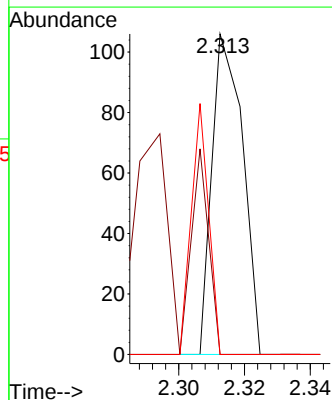
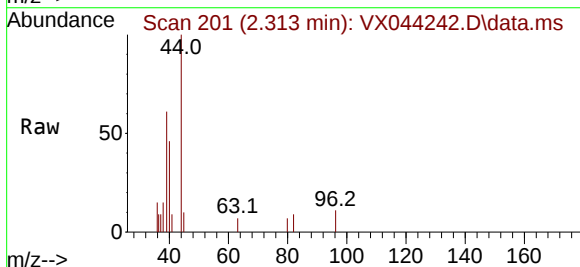
Tgt Ion: 96 Resp: 69

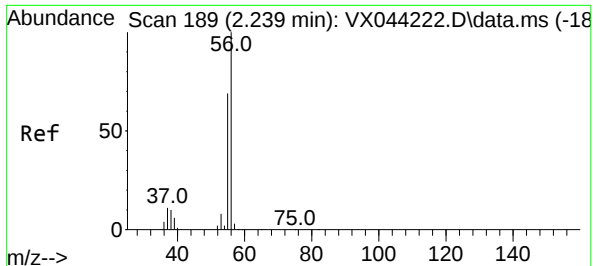
Ion Ratio Lower Upper

96 100

61 0.0 138.0 207.0#

98 0.0 50.0 75.0#

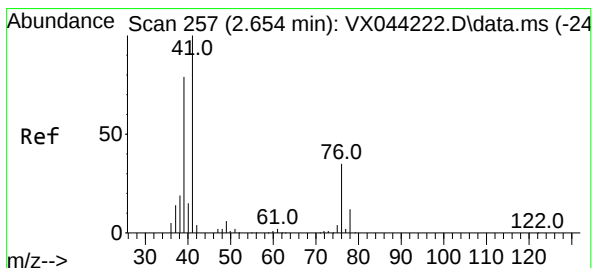
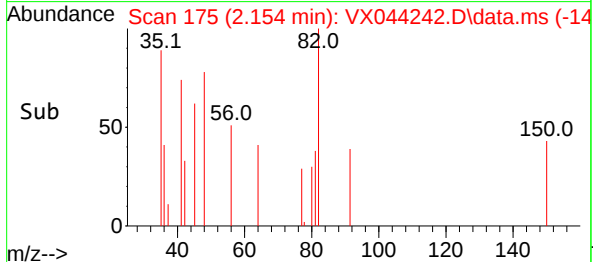
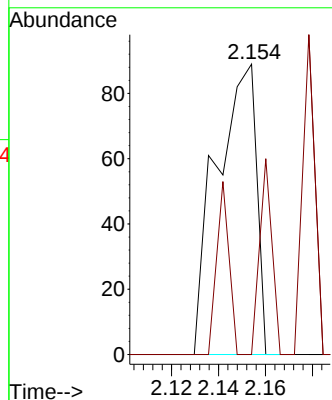
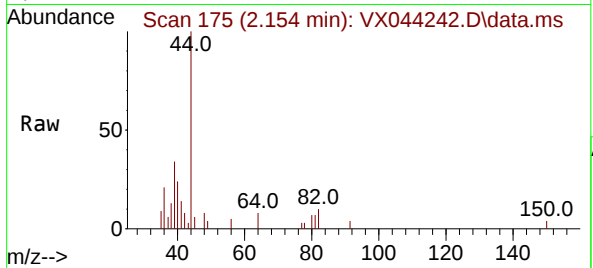




#13
Acrolein
Concen: 0.242 ug/l
RT: 2.154 min Scan# 11
Delta R.T. -0.085 min
Lab File: VX044242.D
Acq: 12 Dec 2024 11:11

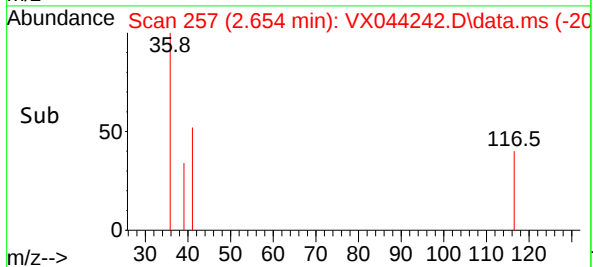
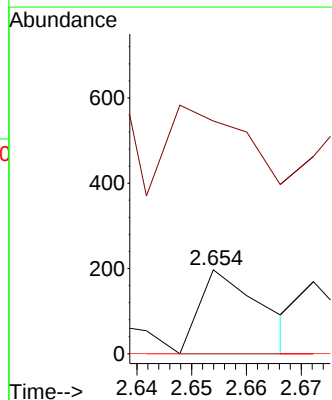
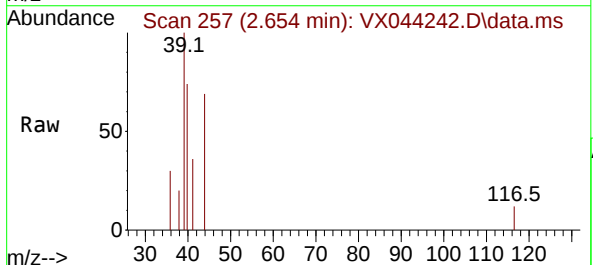
Instrument :
MSVOA_X
ClientSampleId :

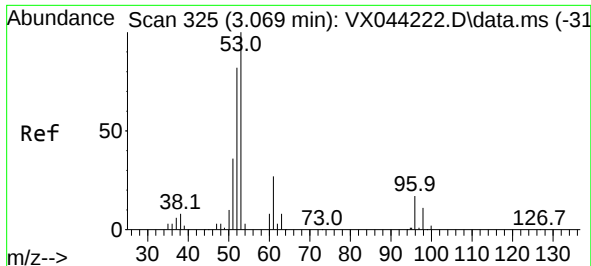
Tgt Ion: 56 Resp: 105
Ion Ratio Lower Upper
56 100
55 21.0 56.6 84.8#



#14
Allyl chloride
Concen: 0.069 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX044242.D
Acq: 12 Dec 2024 11:11

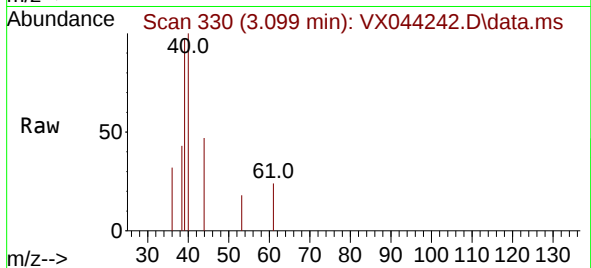
Tgt Ion: 41 Resp: 155
Ion Ratio Lower Upper
41 100
39 0.0 61.9 92.9#
76 0.0 27.4 41.2#



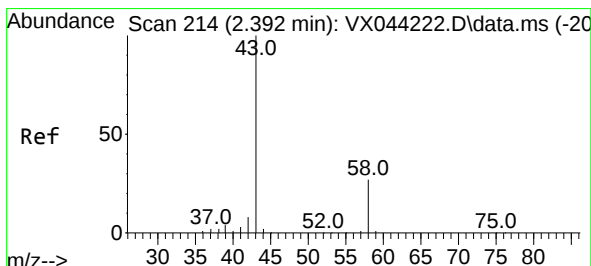
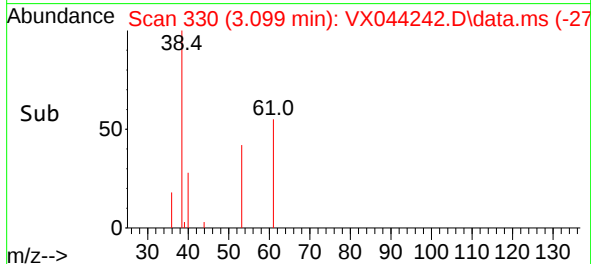
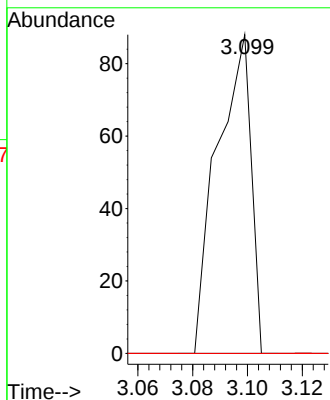


#15
Acrylonitrile
Concen: 0.090 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.030 min
Lab File: VX044242.D
Acq: 12 Dec 2024 11:11

Instrument :
MSVOA_X
ClientSampleId :

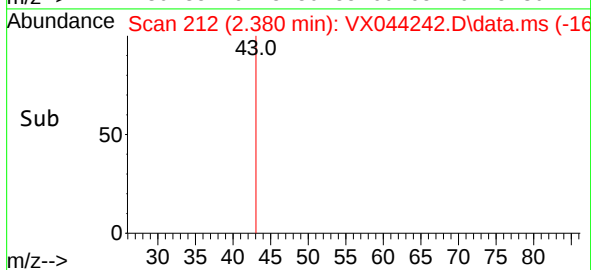
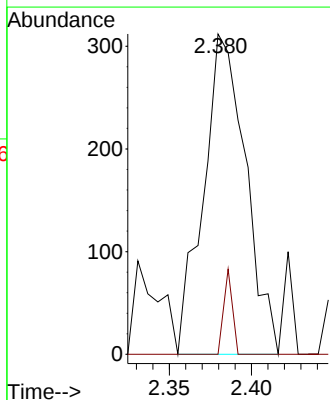
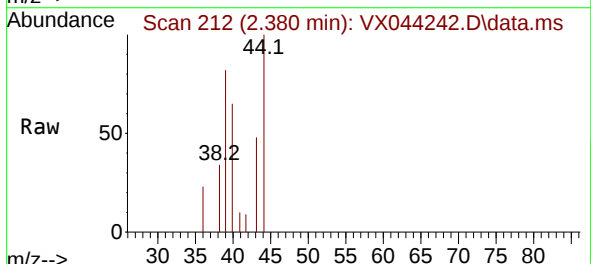


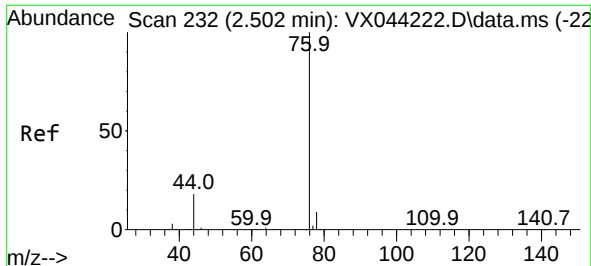
Tgt Ion: 53 Resp: 75
Ion Ratio Lower Upper
53 100
52 0.0 67.4 101.0#
51 0.0 30.3 45.5#



#16
Acetone
Concen: 0.644 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX044242.D
Acq: 12 Dec 2024 11:11

Tgt Ion: 43 Resp: 558
Ion Ratio Lower Upper
43 100
58 0.0 21.6 32.4#

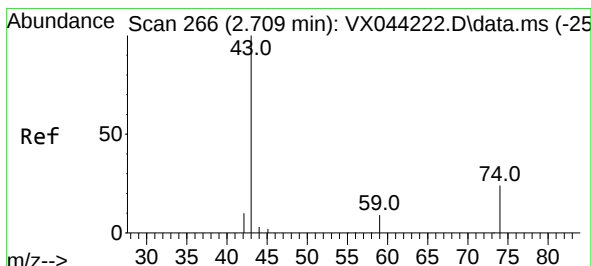
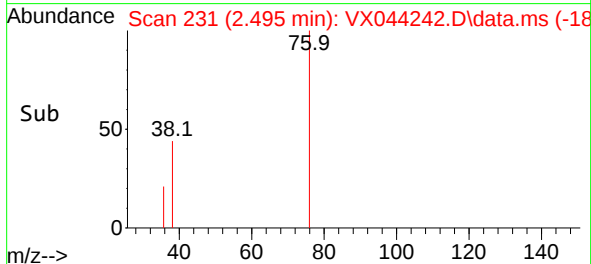
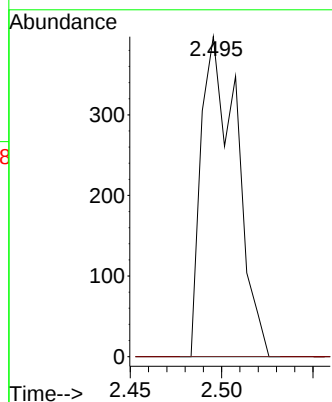
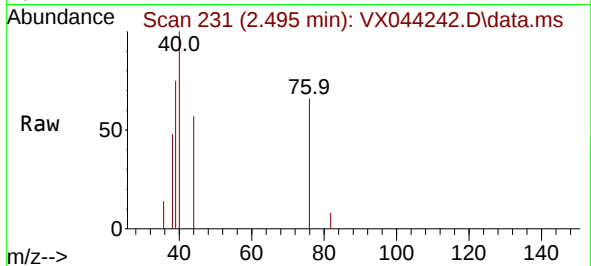




#17
Carbon Disulfide
Concen: 0.208 ug/l
RT: 2.495 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX044242.D
Acq: 12 Dec 2024 11:11

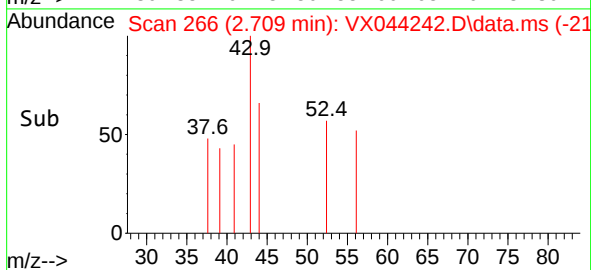
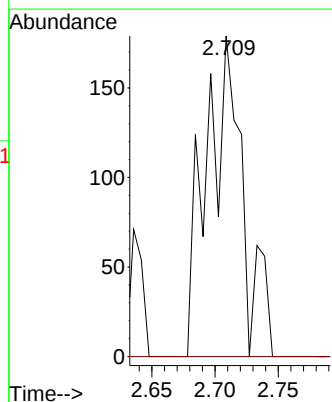
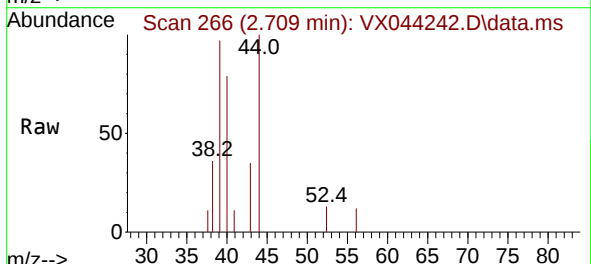
Instrument :
MSVOA_X
ClientSampleId :

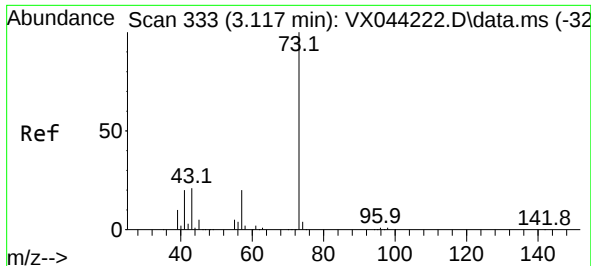
Tgt Ion: 76 Resp: 537
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: 0.161 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX044242.D
Acq: 12 Dec 2024 11:11

Tgt Ion: 43 Resp: 359
Ion Ratio Lower Upper
43 100
74 0.0 17.7 26.5#





#19

Methyl tert-butyl Ether

Concen: 0.012 ug/l

RT: 2.928 min Scan# 302

Delta R.T. -0.189 min

Lab File: VX044242.D

Acq: 12 Dec 2024 11:11

Instrument :

MSVOA_X

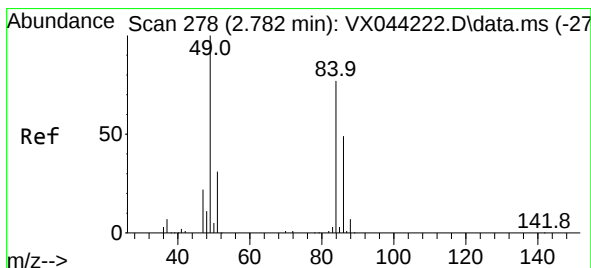
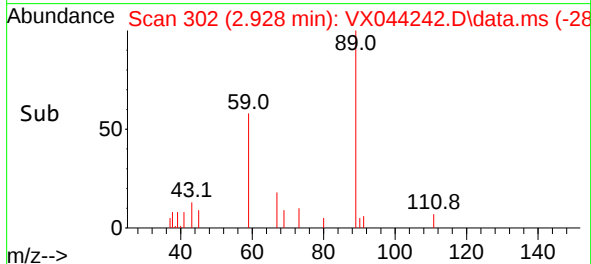
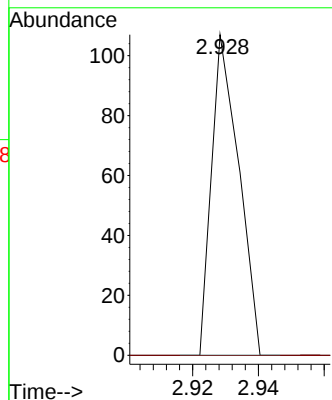
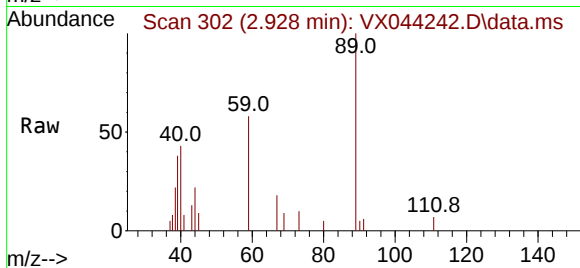
ClientSampleId :

Tgt Ion: 73 Resp: 61

Ion Ratio Lower Upper

73 100

57 0.0 16.2 24.4#



#20

Methylene Chloride

Concen: 0.175 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.006 min

Lab File: VX044242.D

Acq: 12 Dec 2024 11:11

Tgt Ion: 84 Resp: 285

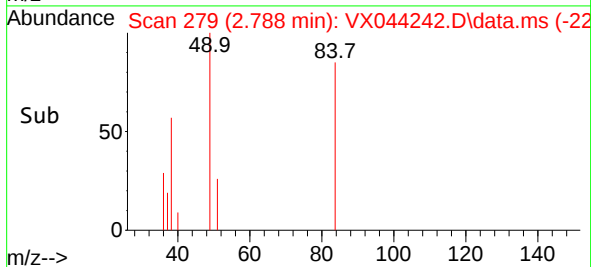
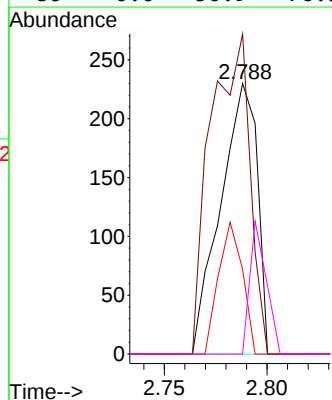
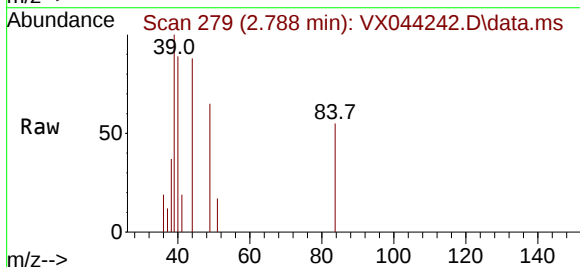
Ion Ratio Lower Upper

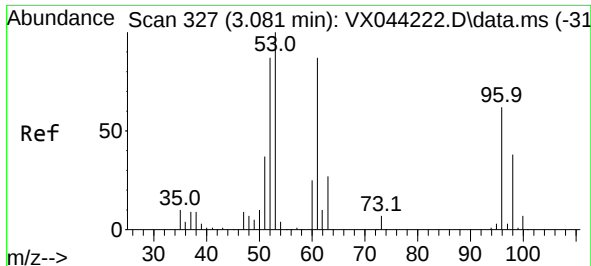
84 100

49 118.3 104.2 156.4

51 31.3 32.2 48.4#

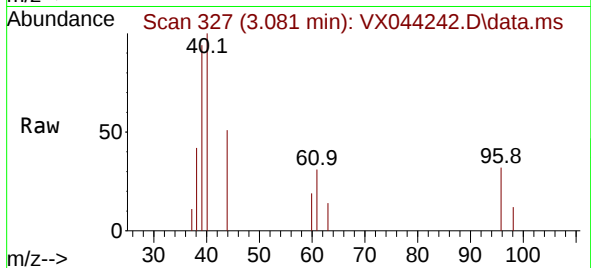
86 0.0 50.9 76.3#



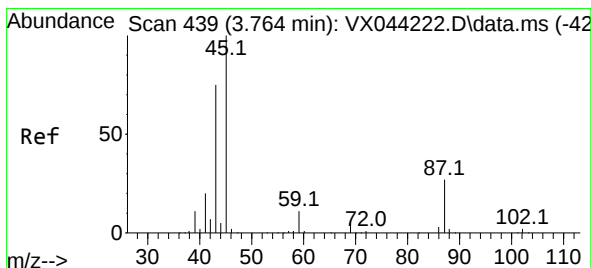
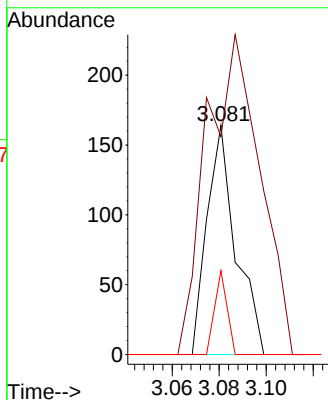
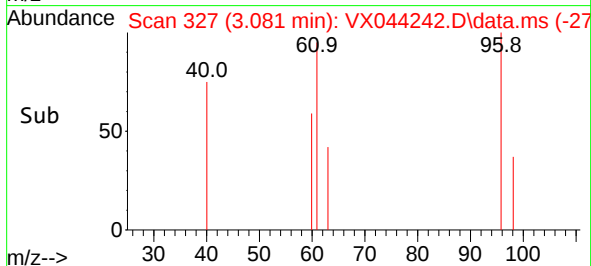


#21
trans-1,2-Dichloroethene
Concen: 0.096 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX044242.D
Acq: 12 Dec 2024 11:11

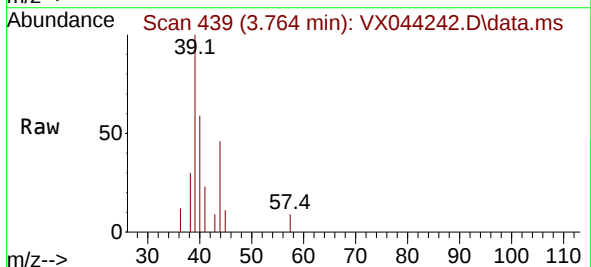
Instrument :
MSVOA_X
ClientSampleId :



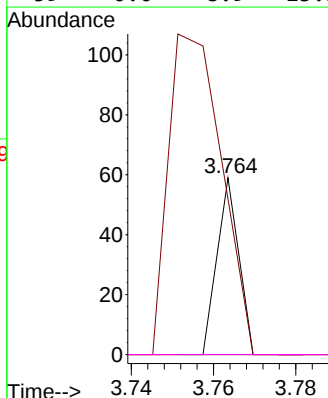
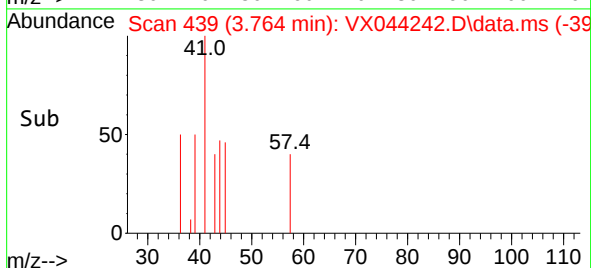
Tgt Ion: 96 Resp: 139
Ion Ratio Lower Upper
96 100
61 95.1 112.0 168.0#
98 36.6 48.8 73.2#

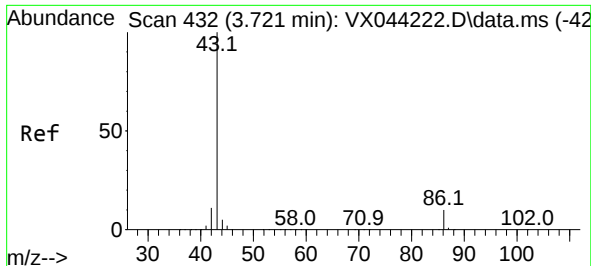


#22
Diisopropyl ether
Concen: 0.004 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX044242.D
Acq: 12 Dec 2024 11:11



Tgt Ion: 45 Resp: 22
Ion Ratio Lower Upper
45 100
43 88.1 60.2 90.2
87 0.0 21.2 31.8#
59 0.0 8.9 13.3#

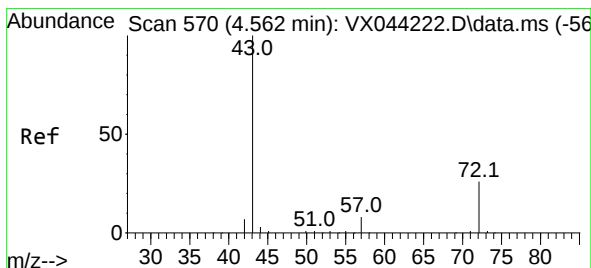
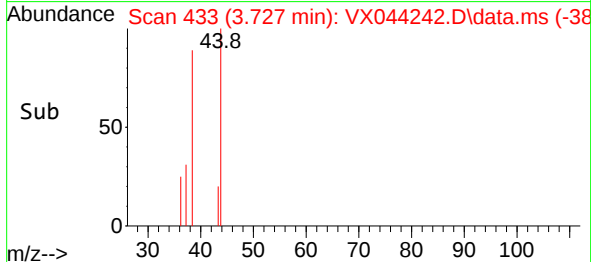
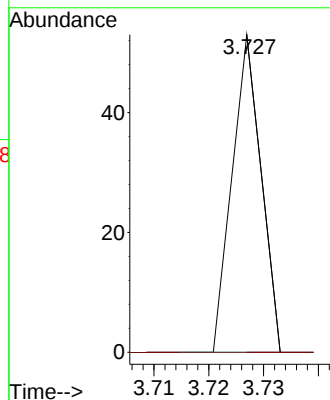
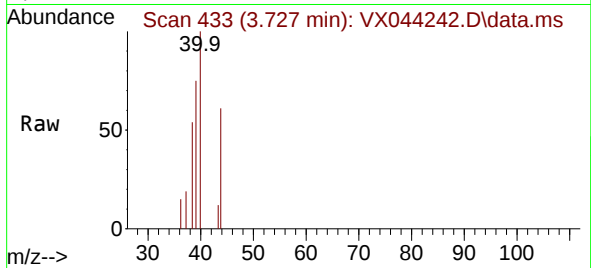




#23
 Vinyl Acetate
 Concen: 0.005 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX044242.D
 Acq: 12 Dec 2024 11:11

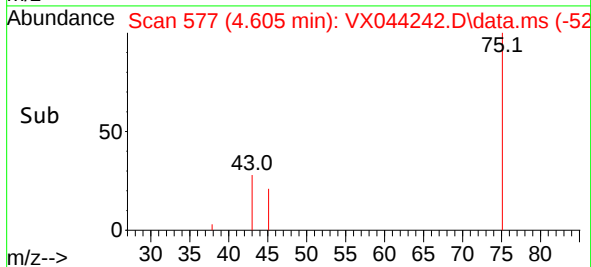
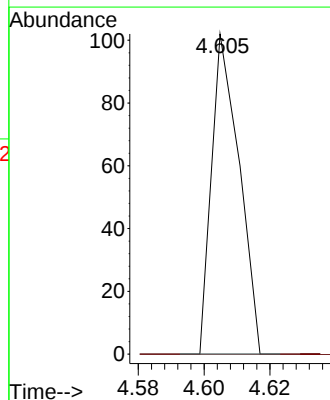
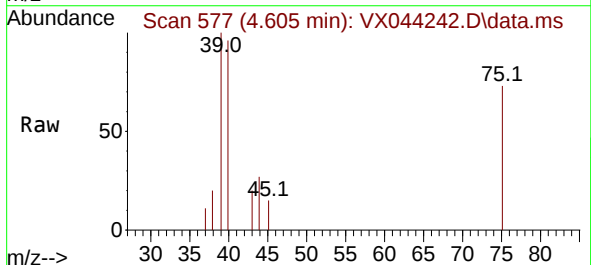
Instrument :
 MSVOA_X
 ClientSampleId :

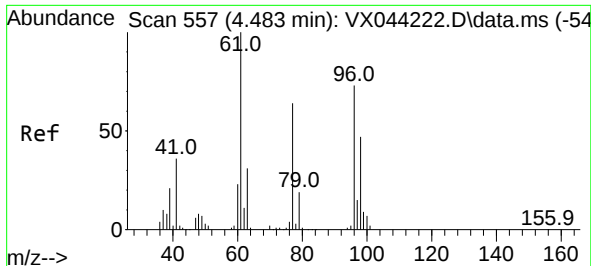
Tgt Ion: 43 Resp: 19
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.2 12.2#



#25
 2-Butanone
 Concen: 0.048 ug/l
 RT: 4.605 min Scan# 577
 Delta R.T. 0.043 min
 Lab File: VX044242.D
 Acq: 12 Dec 2024 11:11

Tgt Ion: 43 Resp: 59
 Ion Ratio Lower Upper
 43 100
 72 0.0 20.2 30.4#





#27

cis-1,2-Dichloroethene

Concen: 0.024 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.006 min

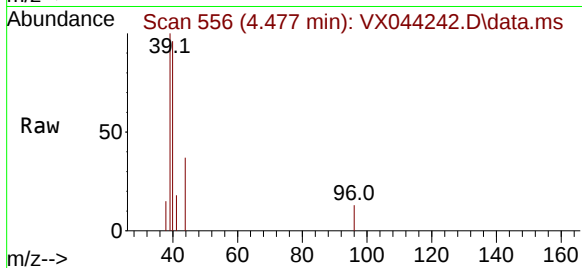
Lab File: VX044242.D

Acq: 12 Dec 2024 11:11

Instrument :

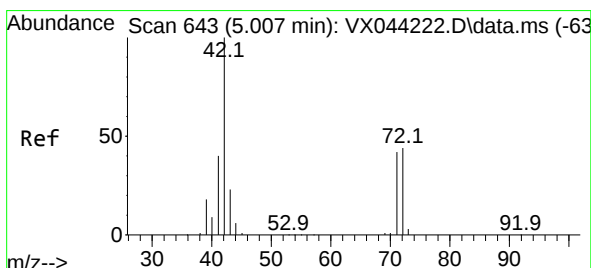
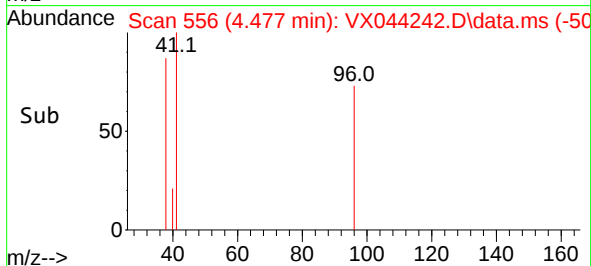
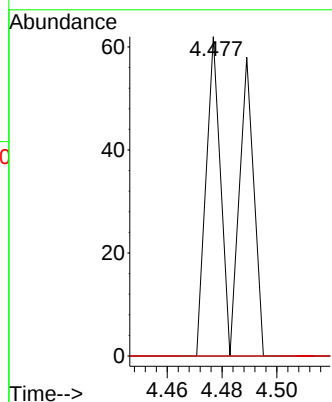
MSVOA_X

ClientSampleId :



Tgt Ion: 96 Resp: 44

Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	299.0
98	0.0	0.0	129.0



#29

Tetrahydrofuran

Concen: 0.082 ug/l

RT: 5.044 min Scan# 649

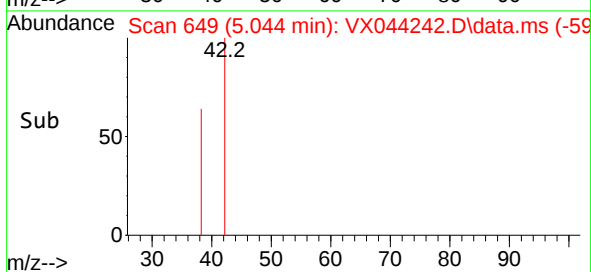
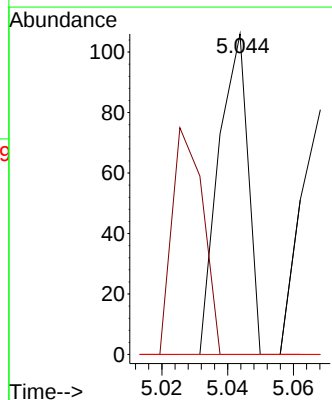
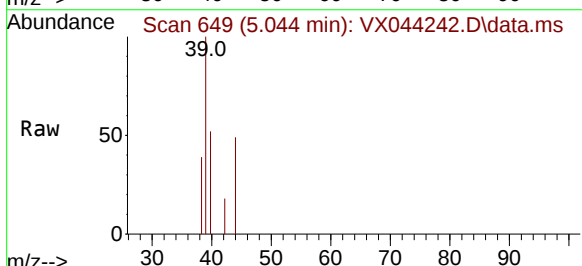
Delta R.T. 0.036 min

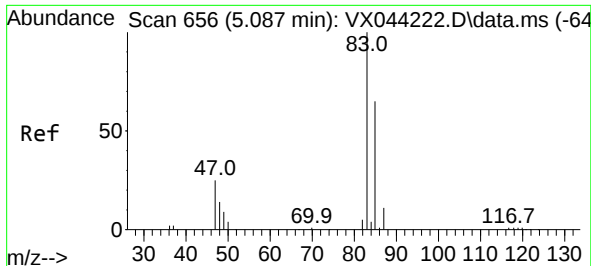
Lab File: VX044242.D

Acq: 12 Dec 2024 11:11

Tgt Ion: 42 Resp: 65

Ion	Ratio	Lower	Upper
42	100		
72	75.4	37.0	55.6#
71	0.0	33.6	50.4#





#30

Chloroform

Concen: 0.014 ug/l

RT: 5.074 min Scan# 61

Delta R.T. -0.012 min

Lab File: VX044242.D

Acq: 12 Dec 2024 11:11

Instrument :

MSVOA_X

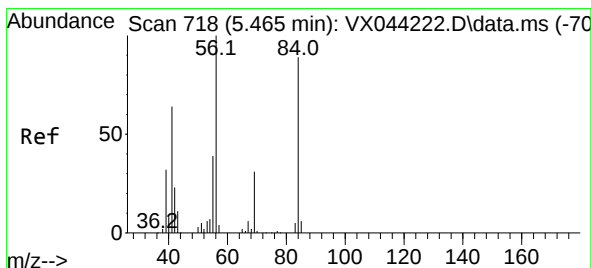
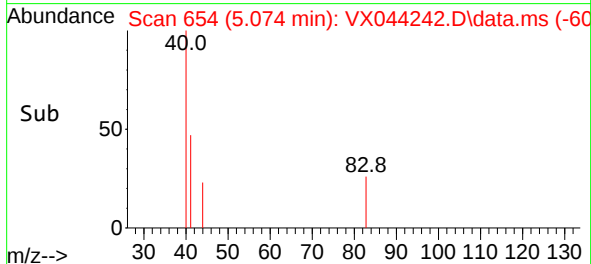
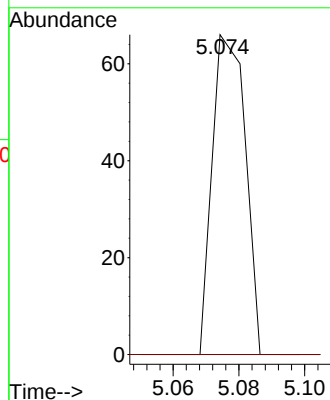
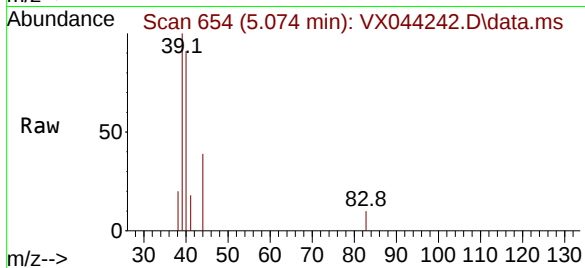
ClientSampleId :

Tgt Ion: 83 Resp: 46

Ion Ratio Lower Upper

83 100

85 0.0 51.6 77.4#



#31

Cyclohexane

Concen: 1.485 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.085 min

Lab File: VX044242.D

Acq: 12 Dec 2024 11:11

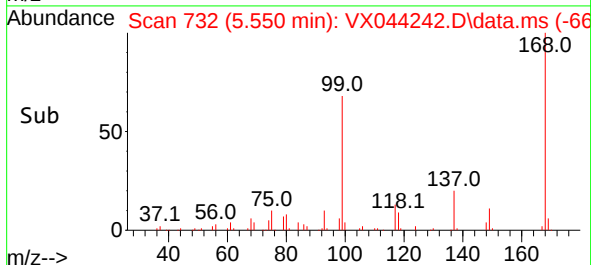
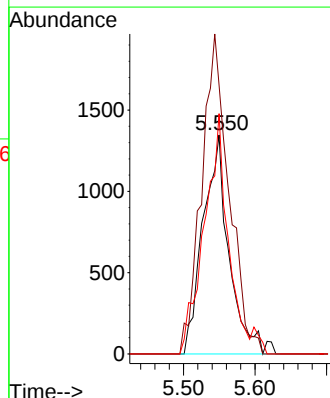
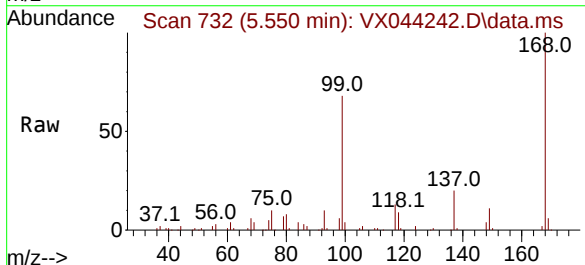
Tgt Ion: 56 Resp: 3405

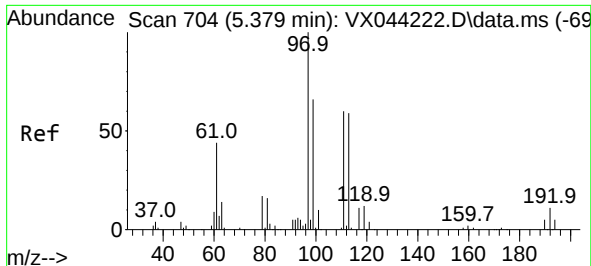
Ion Ratio Lower Upper

56 100

69 122.6 24.7 37.1#

84 109.7 71.0 106.6#

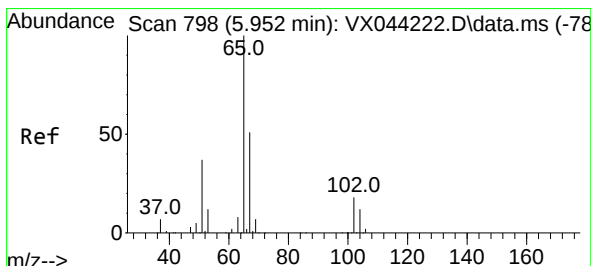
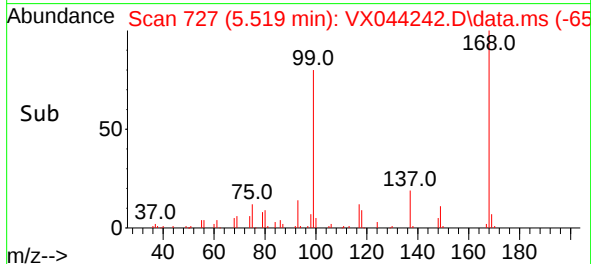
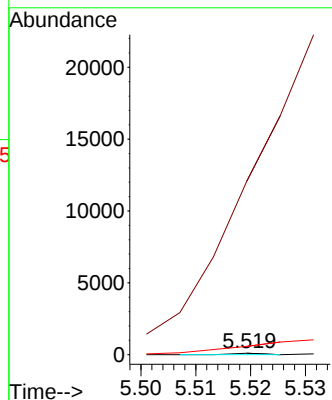
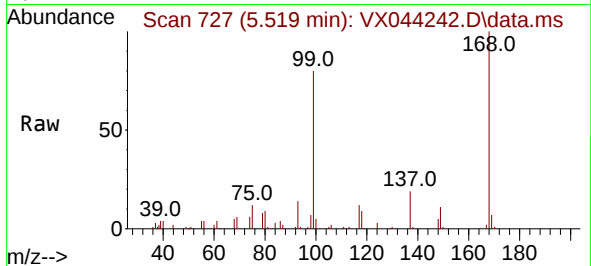




#32
1,1,1-Trichloroethane
Concen: 0.013 ug/l
RT: 5.519 min Scan# 704
Delta R.T. 0.140 min
Lab File: VX044242.D
Acq: 12 Dec 2024 11:11

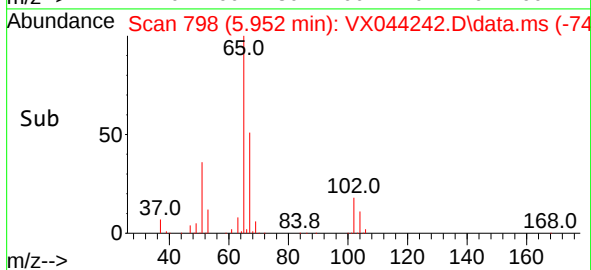
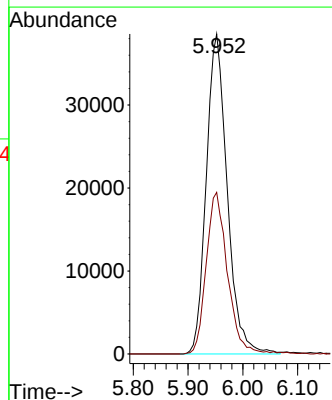
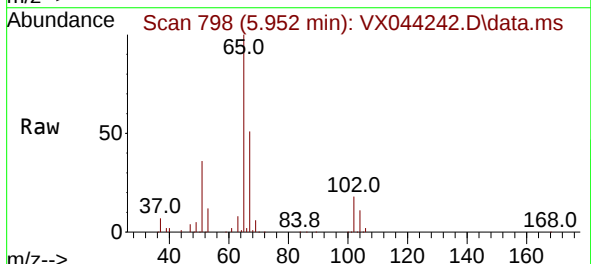
Instrument :
MSVOA_X
ClientSampleId :

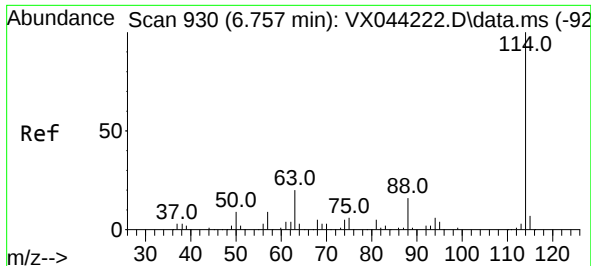
Tgt Ion: 97 Resp: 35
Ion Ratio Lower Upper
97 100
99 0.0 50.8 76.2#
61 0.0 35.2 52.8#



#33
1,2-Dichloroethane-d4
Concen: 48.109 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044242.D
Acq: 12 Dec 2024 11:11

Tgt Ion: 65 Resp: 102229
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.6

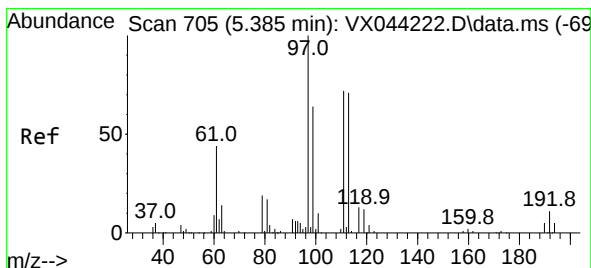
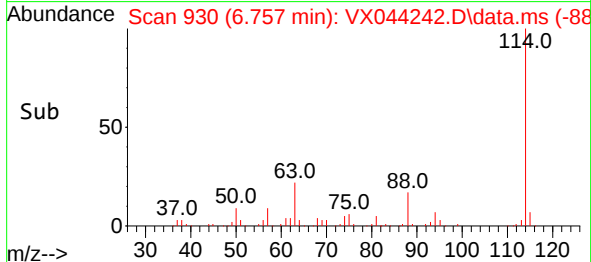
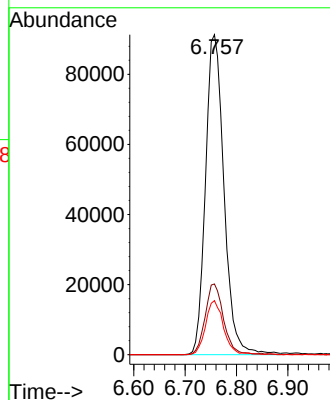
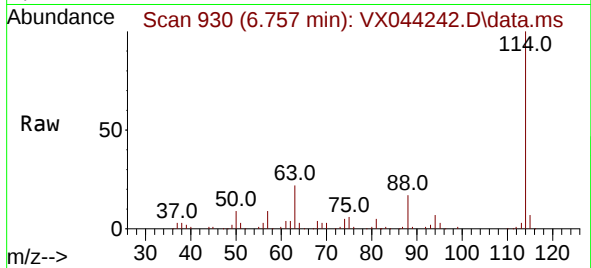




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044242.D
Acq: 12 Dec 2024 11:11

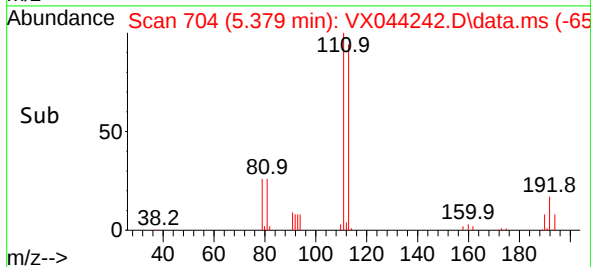
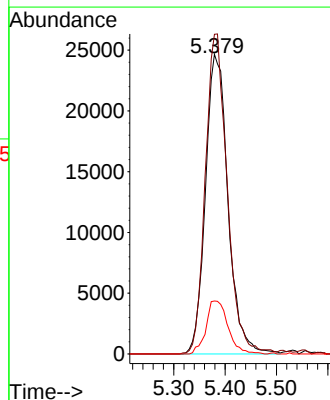
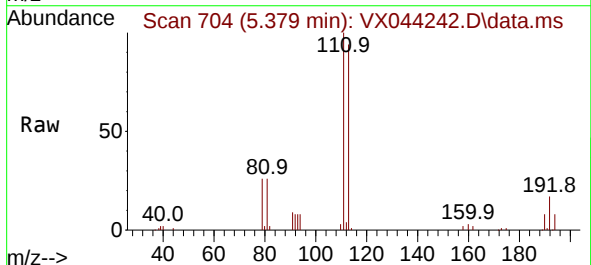
Instrument :
MSVOA_X
ClientSampleId :

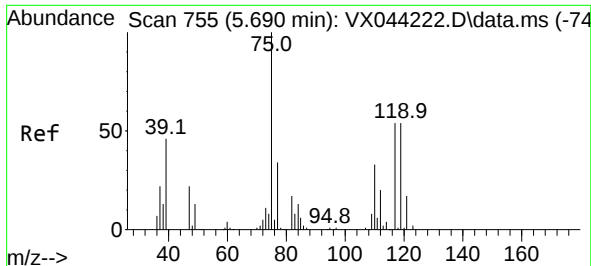
Tgt Ion:114 Resp: 227941
Ion Ratio Lower Upper
114 100
63 22.1 0.0 40.6
88 16.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.647 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX044242.D
Acq: 12 Dec 2024 11:11

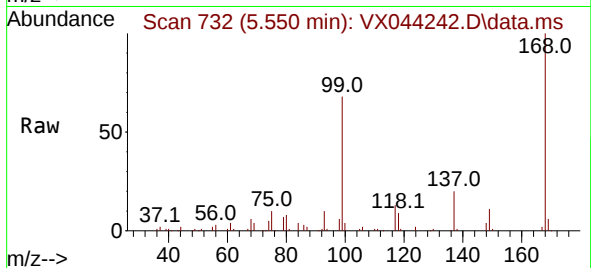
Tgt Ion:113 Resp: 75221
Ion Ratio Lower Upper
113 100
111 103.5 80.4 120.6
192 17.2 13.3 19.9



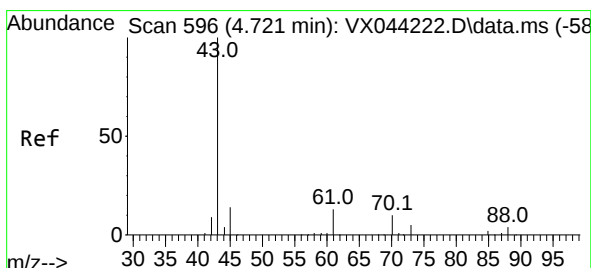
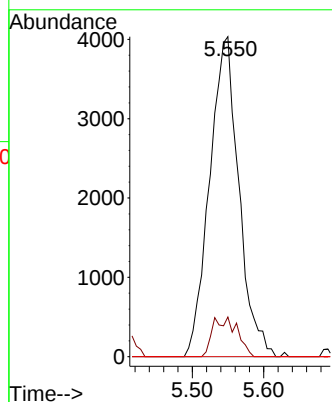
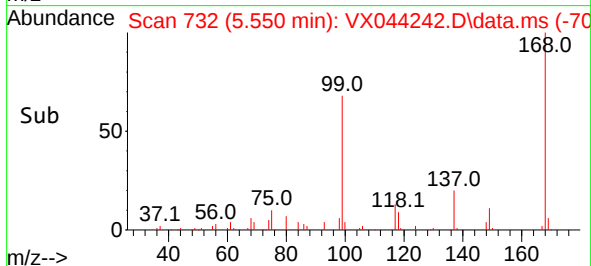


#36
1,1-Dichloropropene
Concen: 5.618 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX044242.D
Acq: 12 Dec 2024 11:11

Instrument :
MSVOA_X
ClientSampleId :

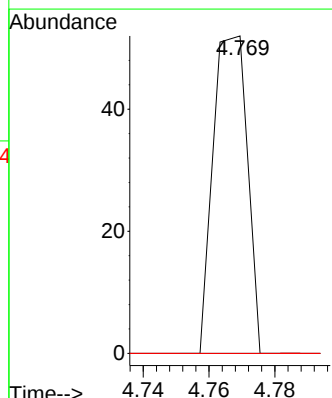
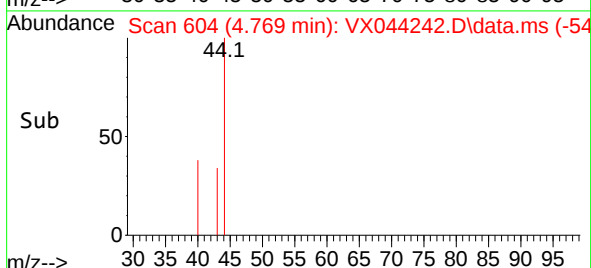
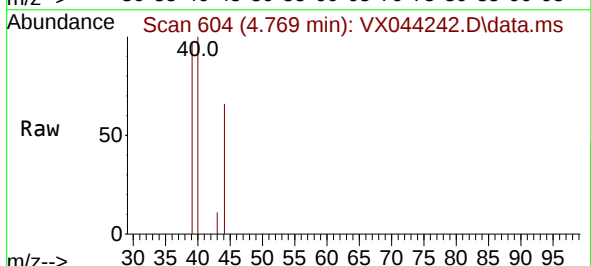


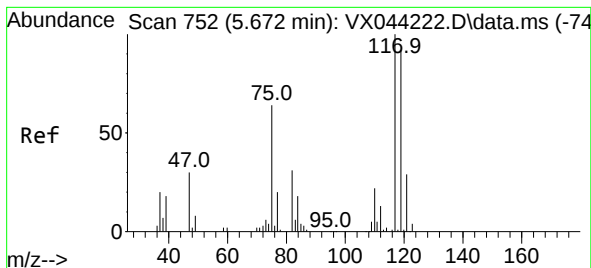
Tgt Ion: 75 Resp: 11465
Ion Ratio Lower Upper
75 100
110 5.1 17.3 51.7#
77 0.0 25.4 38.0#



#37
Ethyl Acetate
Concen: 0.015 ug/l
RT: 4.769 min Scan# 604
Delta R.T. 0.049 min
Lab File: VX044242.D
Acq: 12 Dec 2024 11:11

Tgt Ion: 43 Resp: 38
Ion Ratio Lower Upper
43 100
61 0.0 9.8 14.8#
70 0.0 7.7 11.5#





#38

Carbon Tetrachloride

Concen: 6.765 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.122 min

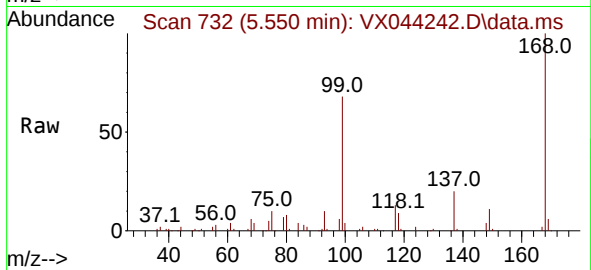
Lab File: VX044242.D

Acq: 12 Dec 2024 11:11

Instrument :

MSVOA_X

ClientSampleId :



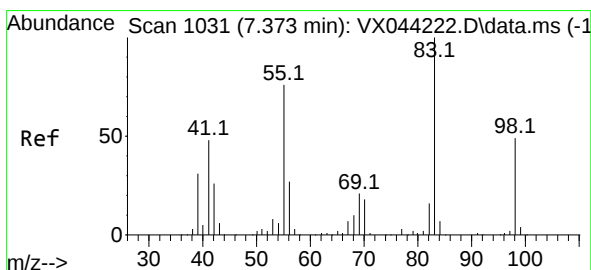
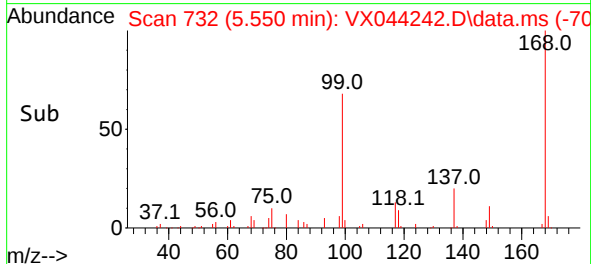
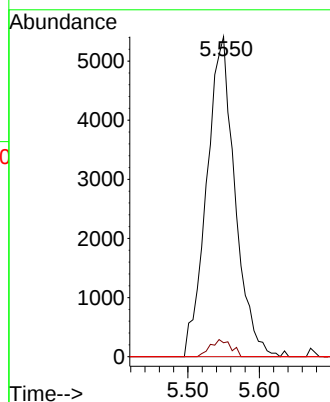
Tgt Ion:117 Resp: 14862

Ion Ratio Lower Upper

117 100

119 4.4 74.2 111.4#

121 0.0 23.0 34.6#



#39

Methylcyclohexane

Concen: 0.007 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VX044242.D

Acq: 12 Dec 2024 11:11

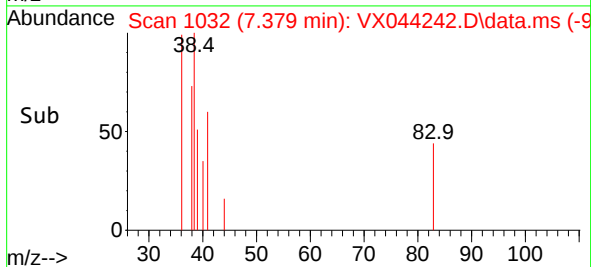
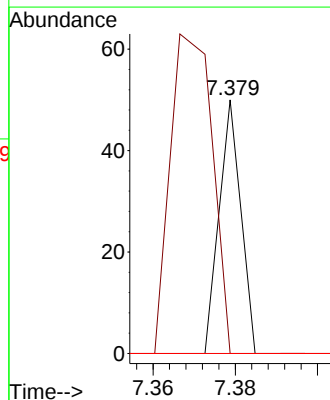
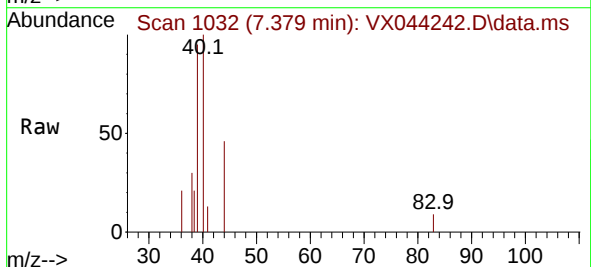
Tgt Ion: 83 Resp: 18

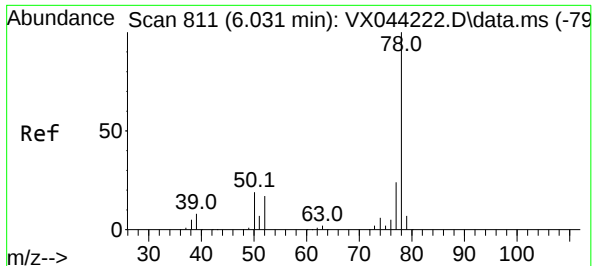
Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 0.0 38.9 58.3#





#40

Benzene

Concen: 0.017 ug/l

RT: 6.056 min Scan# 811

Delta R.T. 0.024 min

Lab File: VX044242.D

Acq: 12 Dec 2024 11:11

Instrument :

MSVOA_X

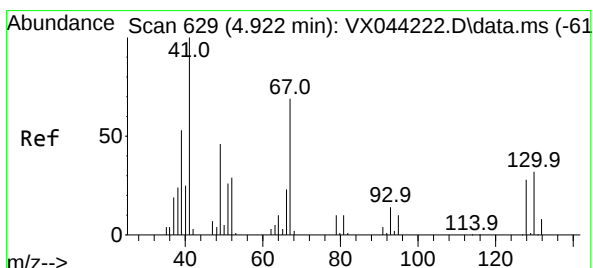
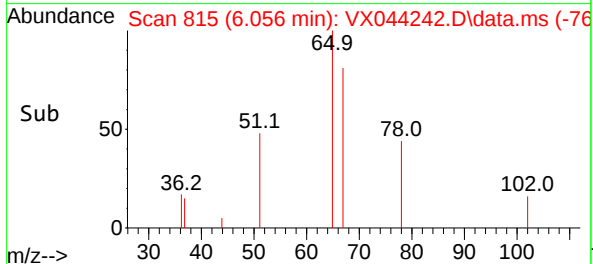
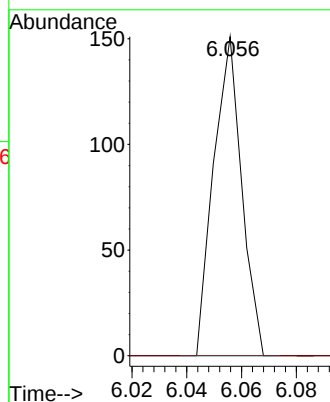
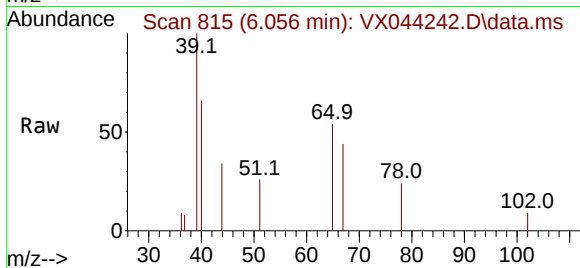
ClientSampleId :

Tgt Ion: 78 Resp: 107

Ion Ratio Lower Upper

78 100

77 0.0 19.3 28.9#



#41

Methacrylonitrile

Concen: 0.034 ug/l

RT: 4.916 min Scan# 628

Delta R.T. -0.006 min

Lab File: VX044242.D

Acq: 12 Dec 2024 11:11

Tgt Ion: 41 Resp: 45

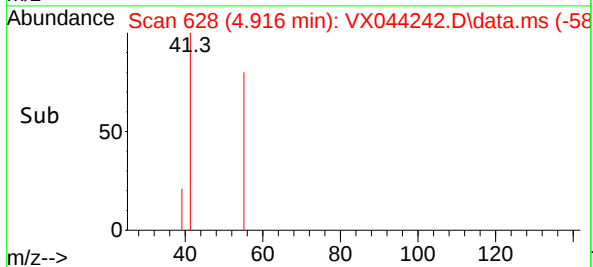
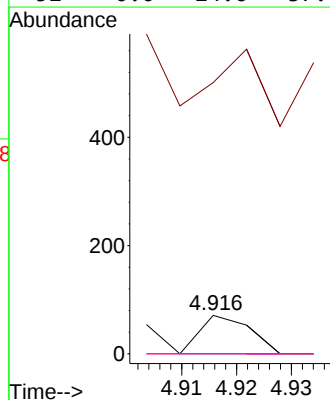
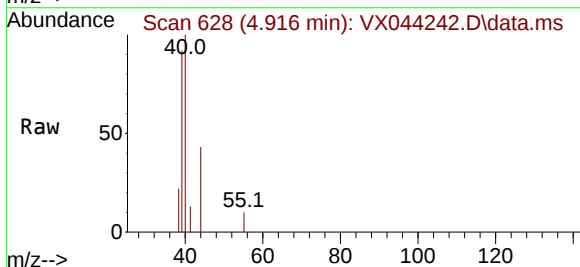
Ion Ratio Lower Upper

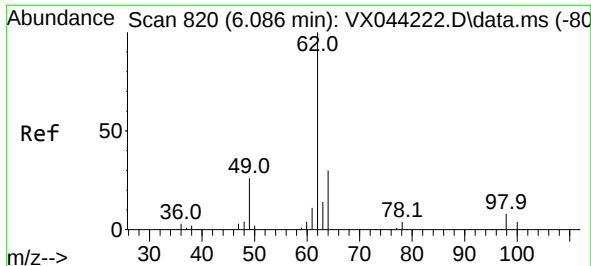
41 100

39 0.0 44.2 66.4#

67 0.0 57.2 85.8#

52 0.0 24.6 37.0#





#42

1,2-Dichloroethane

Concen: 0.067 ug/l

RT: 6.111 min Scan# 81

Delta R.T. 0.024 min

Lab File: VX044242.D

Acq: 12 Dec 2024 11:11

Instrument :

MSVOA_X

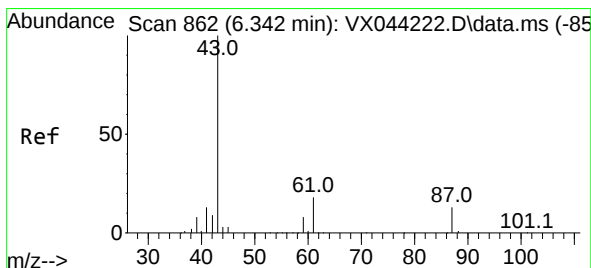
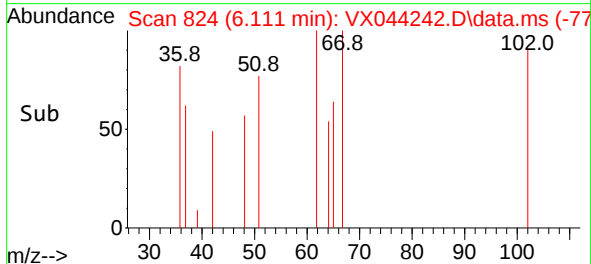
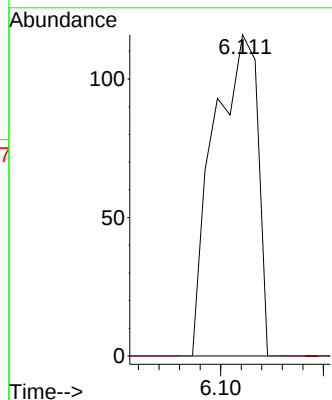
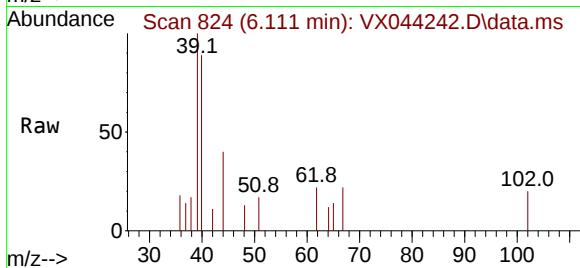
ClientSampleId :

Tgt Ion: 62 Resp: 172

Ion Ratio Lower Upper

62 100

98 0.0 0.0 15.8



#43

Isopropyl Acetate

Concen: 0.016 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.006 min

Lab File: VX044242.D

Acq: 12 Dec 2024 11:11

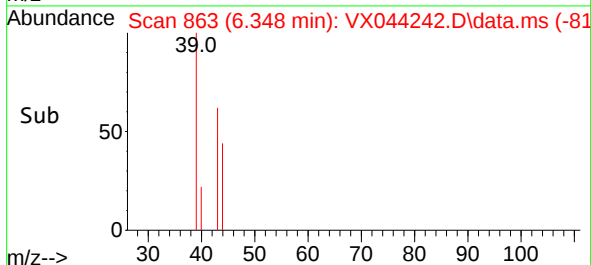
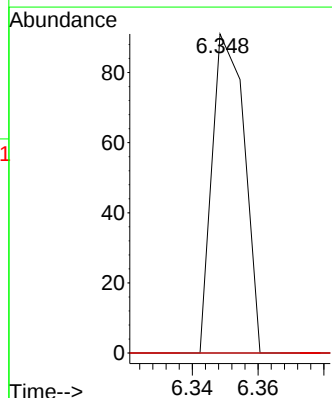
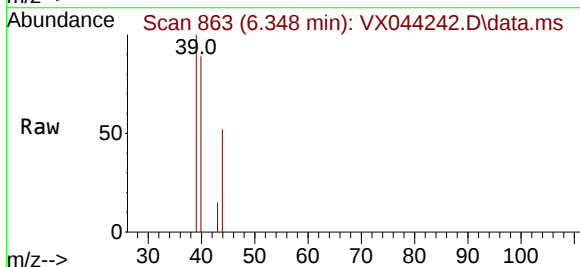
Tgt Ion: 43 Resp: 62

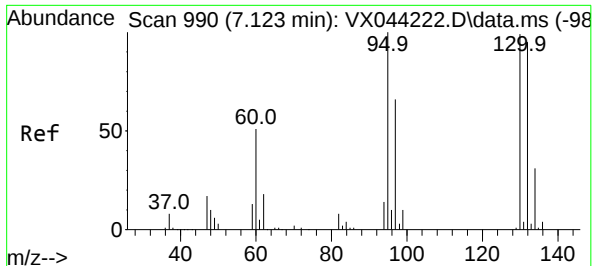
Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.2#

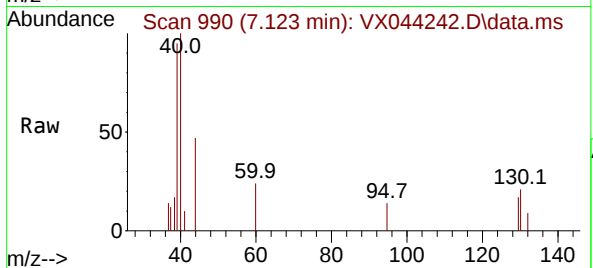
87 0.0 10.2 15.2#



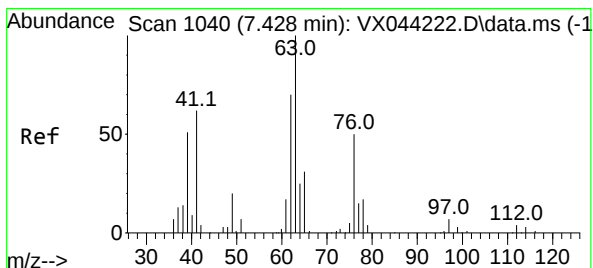
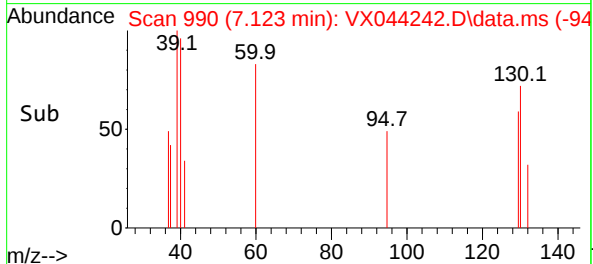
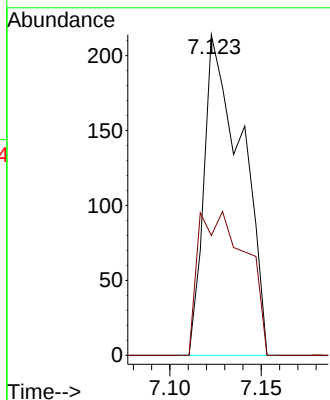


#44
Trichloroethene
Concen: 0.198 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX044242.D
Acq: 12 Dec 2024 11:11

Instrument :
MSVOA_X
ClientSampleId :

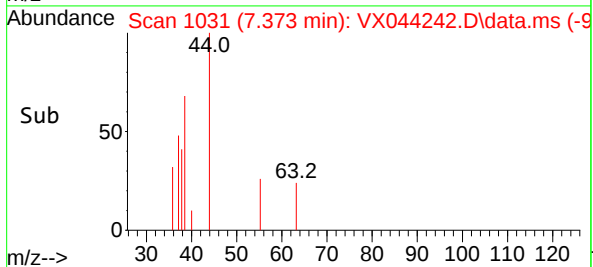
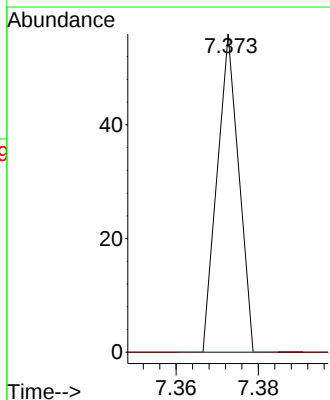
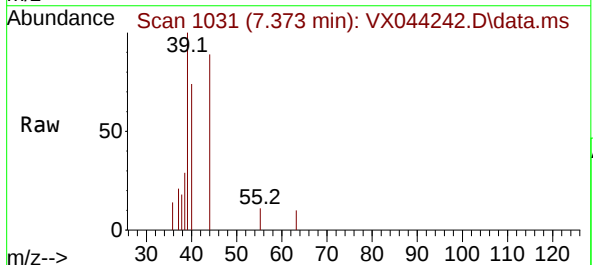


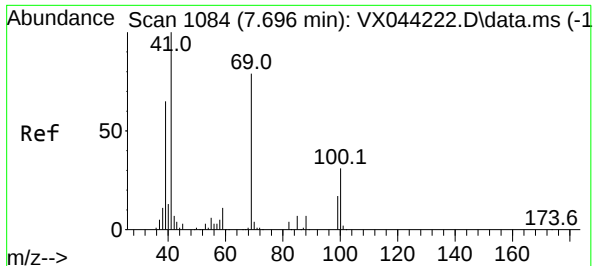
Tgt Ion:130 Resp: 306
Ion Ratio Lower Upper
130 100
95 37.4 0.0 201.4



#45
1,2-Dichloropropane
Concen: 0.013 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.055 min
Lab File: VX044242.D
Acq: 12 Dec 2024 11:11

Tgt Ion: 63 Resp: 20
Ion Ratio Lower Upper
63 100
65 0.0 24.6 37.0#





#48

Methyl methacrylate

Concen: 0.025 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. -0.000 min

Lab File: VX044242.D

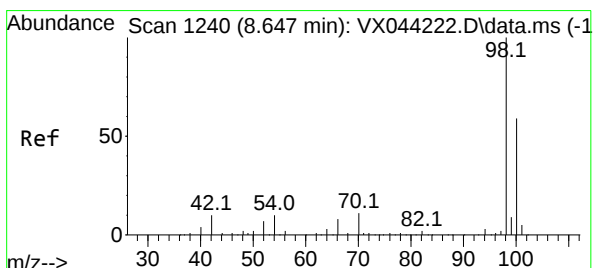
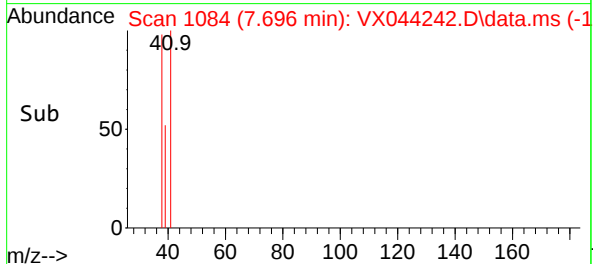
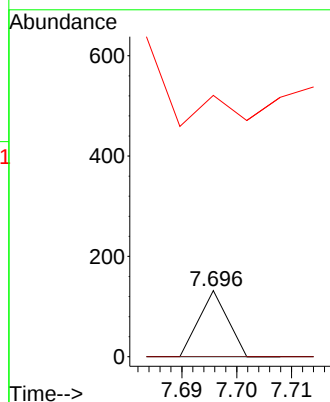
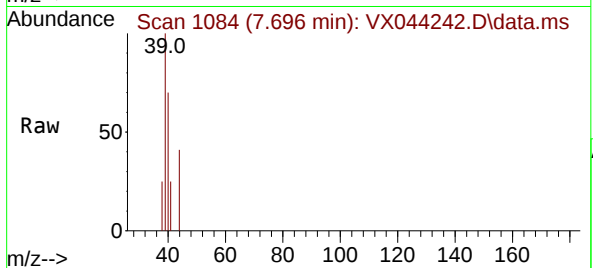
Acq: 12 Dec 2024 11:11

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 41	Resp: 48
Ion Ratio	Lower Upper
41	100
69	0.0 62.4 93.6#
39	0.0 53.3 79.9#



#50

Toluene-d8

Concen: 52.650 ug/l

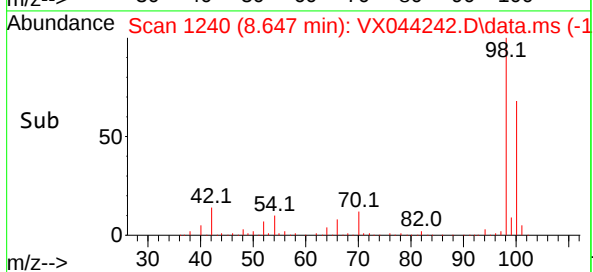
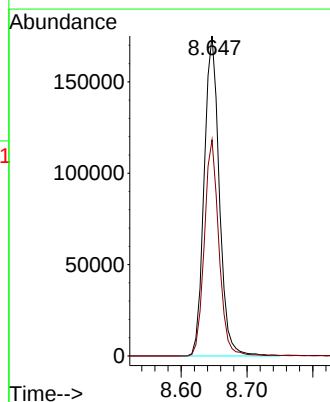
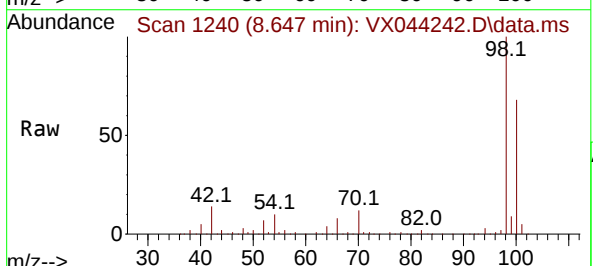
RT: 8.647 min Scan# 1240

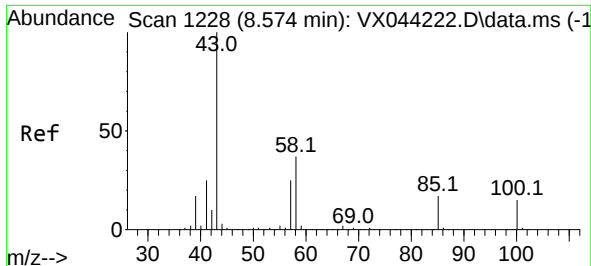
Delta R.T. -0.000 min

Lab File: VX044242.D

Acq: 12 Dec 2024 11:11

Tgt Ion: 98	Resp: 280417
Ion Ratio	Lower Upper
98	100
100	64.7 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 0.024 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX044242.D

Acq: 12 Dec 2024 11:11

Instrument :

MSVOA_X

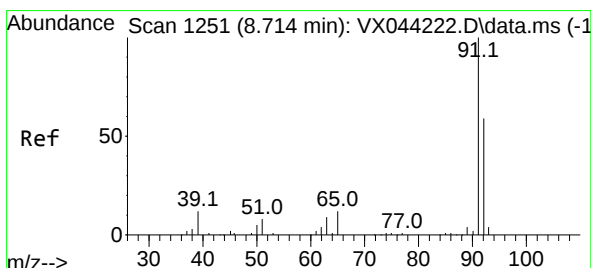
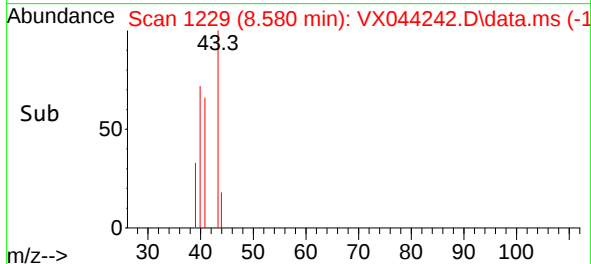
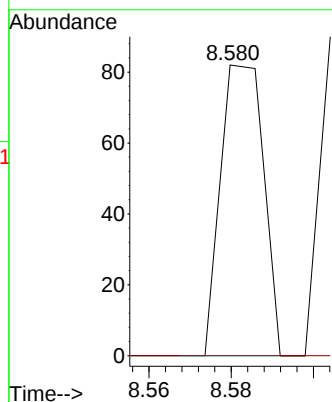
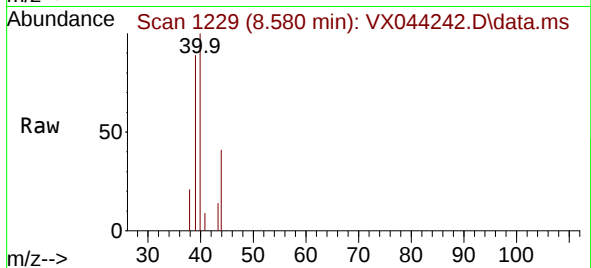
ClientSampleId :

Tgt Ion: 43 Resp: 60

Ion Ratio Lower Upper

43 100

58 0.0 29.4 44.0#



#52

Toluene

Concen: 0.010 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX044242.D

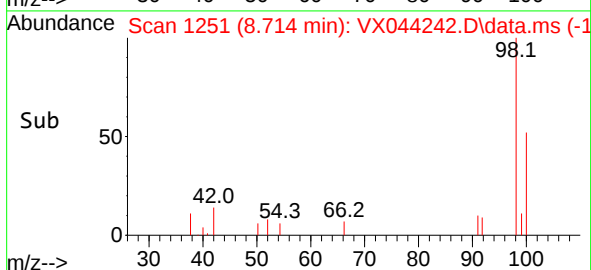
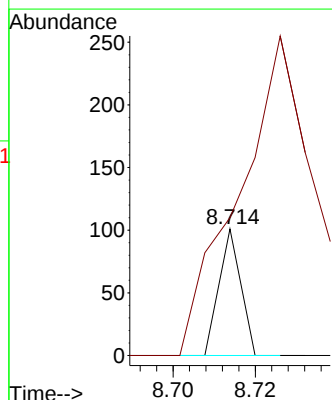
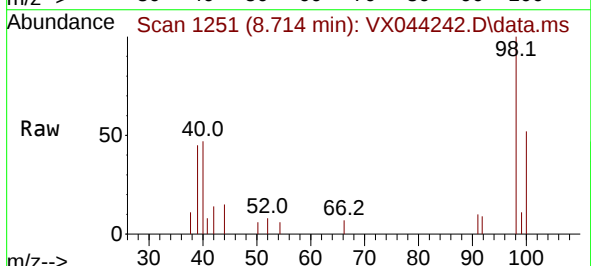
Acq: 12 Dec 2024 11:11

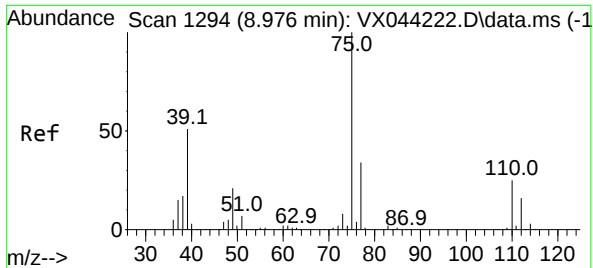
Tgt Ion: 92 Resp: 37

Ion Ratio Lower Upper

92 100

91 848.6 137.0 205.6#





#53

t-1,3-Dichloropropene

Concen: 1.011 ug/l

RT: 8.988 min Scan# 11

Delta R.T. 0.012 min

Lab File: VX044242.D

Acq: 12 Dec 2024 11:11

Instrument :

MSVOA_X

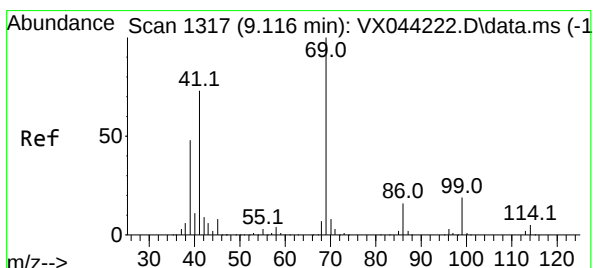
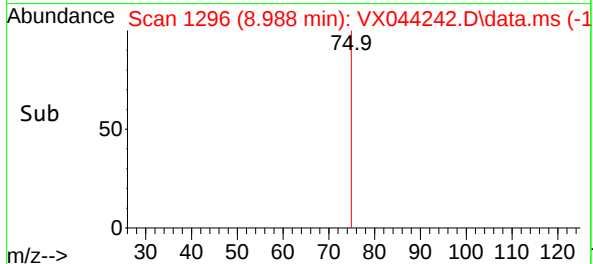
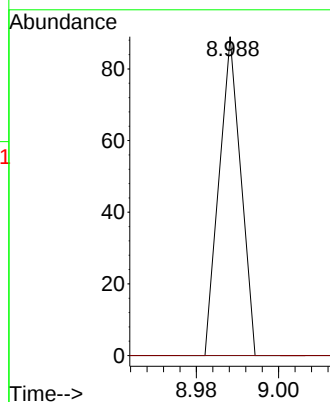
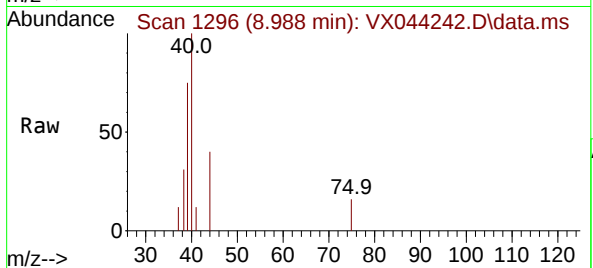
ClientSampleId :

Tgt Ion: 75 Resp: 33

Ion Ratio Lower Upper

75 100

77 0.0 27.2 40.8#



#56

Ethyl methacrylate

Concen: 0.008 ug/l

RT: 8.878 min Scan# 1278

Delta R.T. -0.238 min

Lab File: VX044242.D

Acq: 12 Dec 2024 11:11

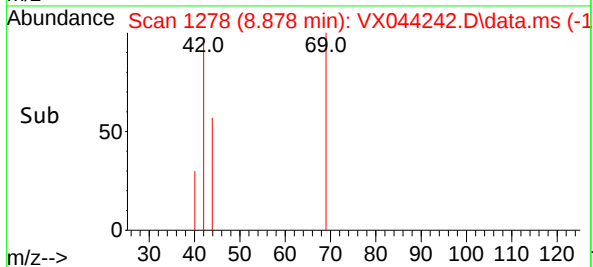
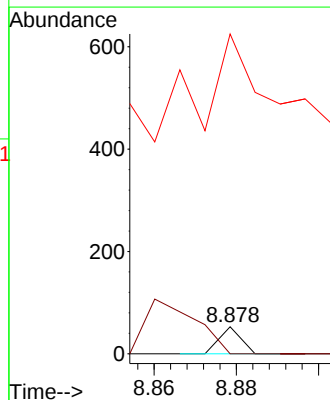
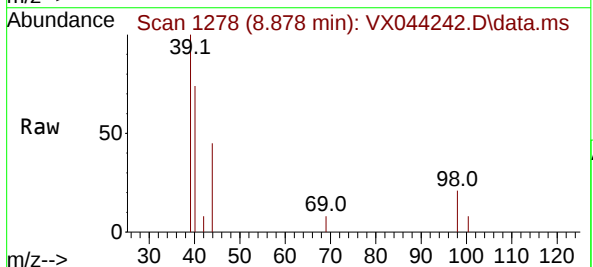
Tgt Ion: 69 Resp: 19

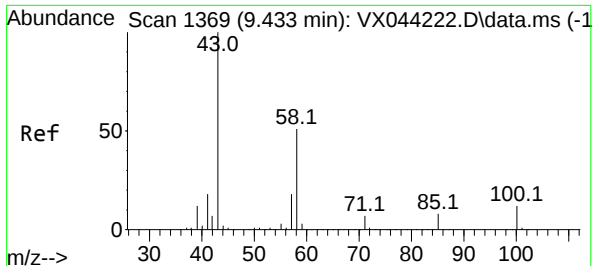
Ion Ratio Lower Upper

69 100

41 0.0 56.6 85.0#

39 1331.6 37.4 56.0#





#59

2-Hexanone

Concen: 0.015 ug/l

RT: 9.525 min Scan# 11

Delta R.T. 0.091 min

Lab File: VX044242.D

Acq: 12 Dec 2024 11:11

Instrument :

MSVOA_X

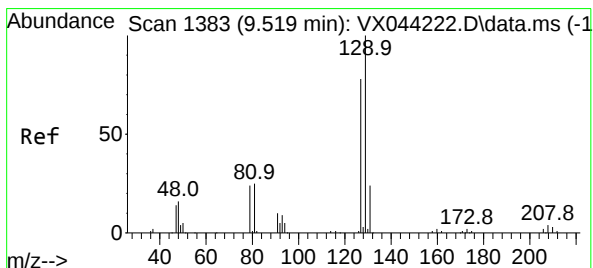
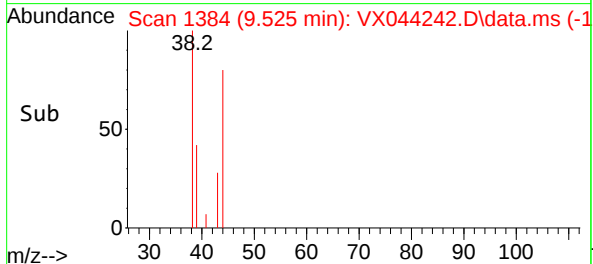
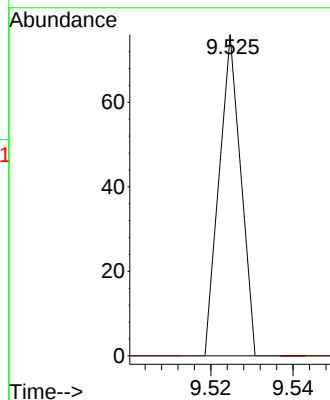
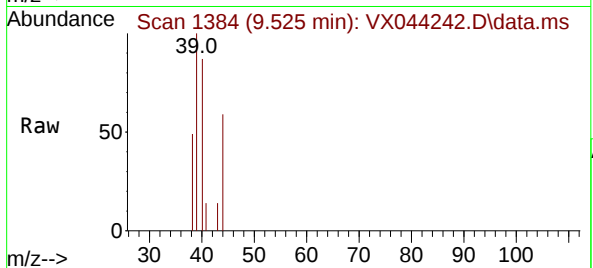
ClientSampleId :

Tgt Ion: 43 Resp: 28

Ion Ratio Lower Upper

43 100

58 0.0 25.7 77.0#



#60

Dibromochloromethane

Concen: 1.247 ug/l

RT: 9.287 min Scan# 1345

Delta R.T. -0.232 min

Lab File: VX044242.D

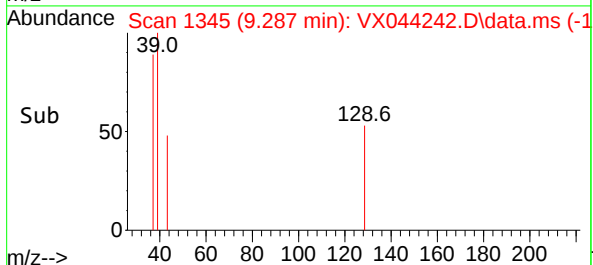
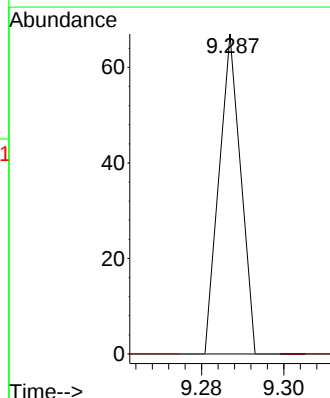
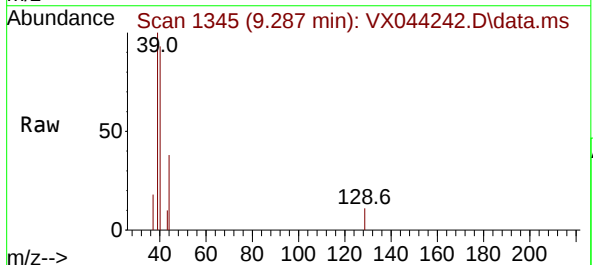
Acq: 12 Dec 2024 11:11

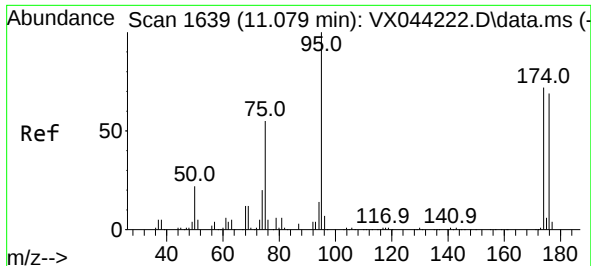
Tgt Ion:129 Resp: 25

Ion Ratio Lower Upper

129 100

127 0.0 38.5 115.3#





#62

4-Bromofluorobenzene

Concen: 51.076 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044242.D

Acq: 12 Dec 2024 11:11

Instrument :

MSVOA_X

ClientSampleId :

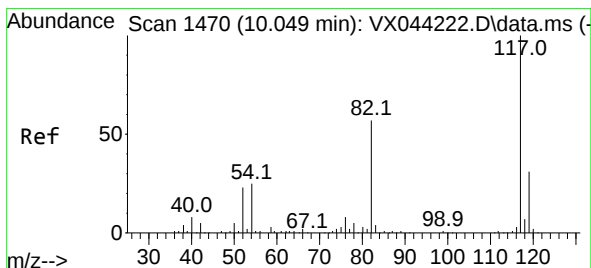
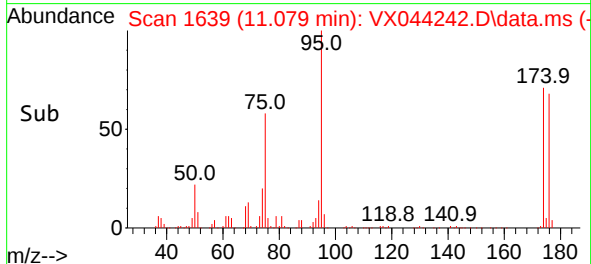
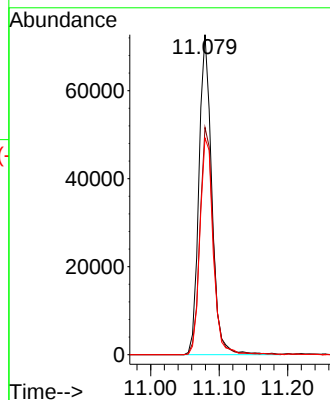
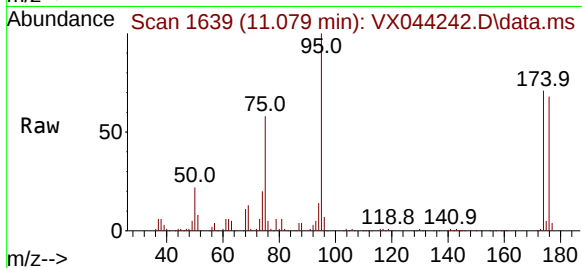
Tgt Ion: 95 Resp: 95056

Ion Ratio Lower Upper

95 100

174 74.2 0.0 145.8

176 69.9 0.0 137.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX044242.D

Acq: 12 Dec 2024 11:11

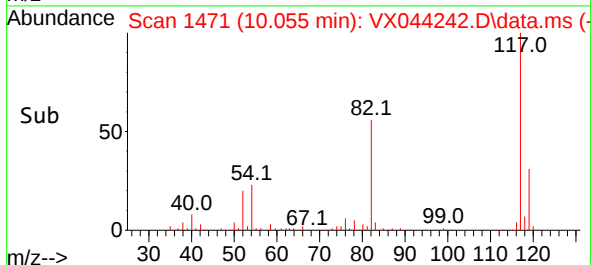
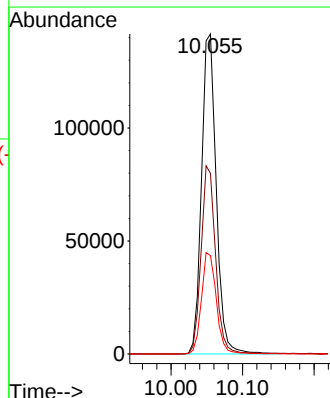
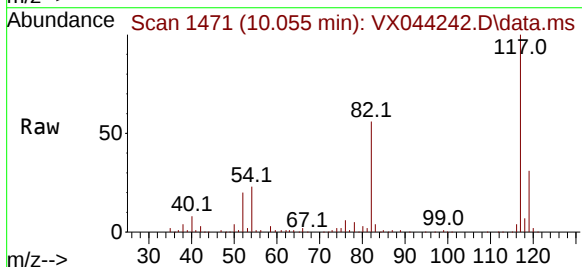
Tgt Ion: 117 Resp: 202488

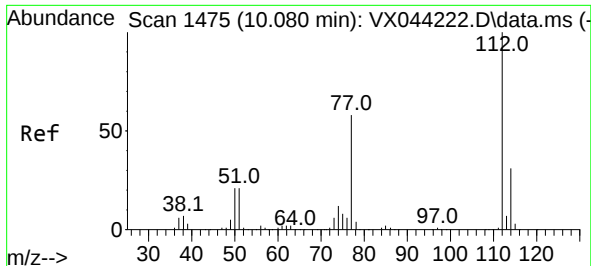
Ion Ratio Lower Upper

117 100

82 56.4 45.8 68.8

119 30.7 25.0 37.4

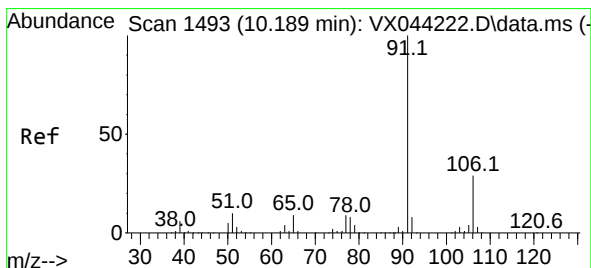
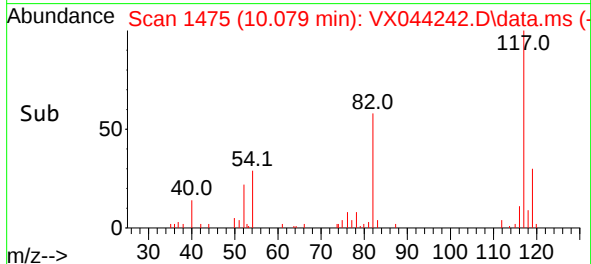
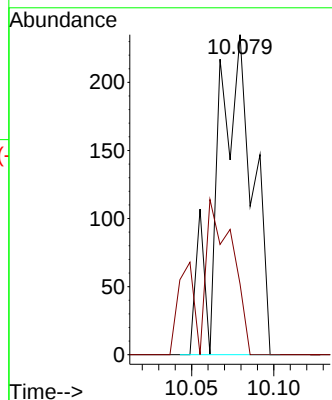
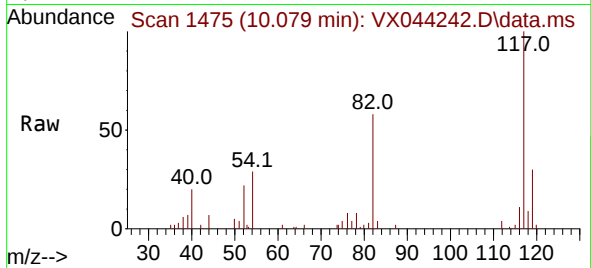




#65
Chlorobenzene
Concen: 0.081 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX044242.D
Acq: 12 Dec 2024 11:11

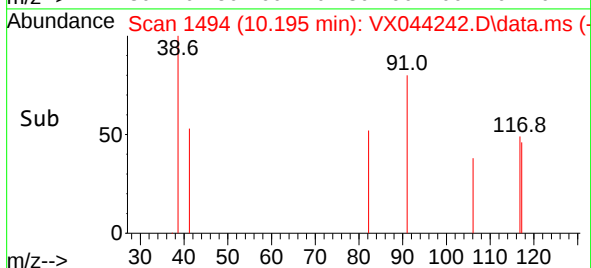
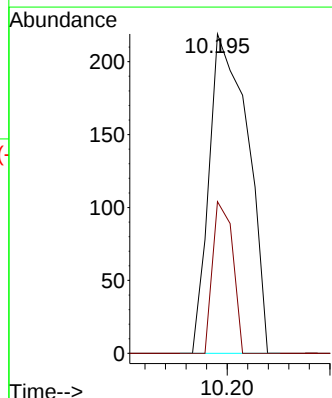
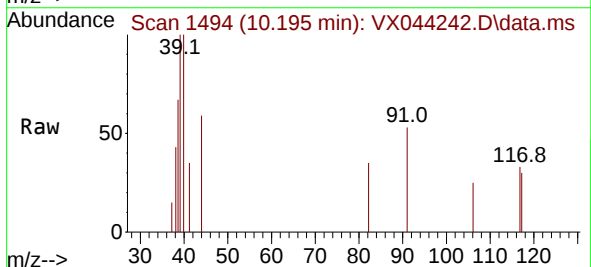
Instrument :
MSVOA_X
ClientSampleId :

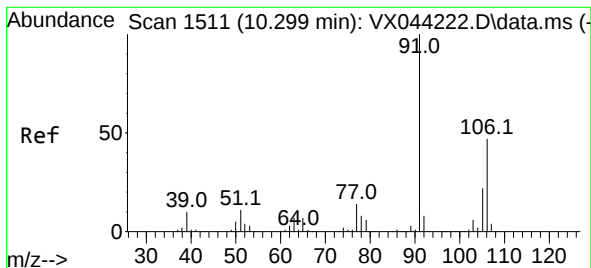
Tgt Ion:112 Resp: 350
Ion Ratio Lower Upper
112 100
114 22.1 25.0 37.6#



#67
Ethyl Benzene
Concen: 0.038 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX044242.D
Acq: 12 Dec 2024 11:11

Tgt Ion: 91 Resp: 286
Ion Ratio Lower Upper
91 100
106 47.5 23.5 35.3#

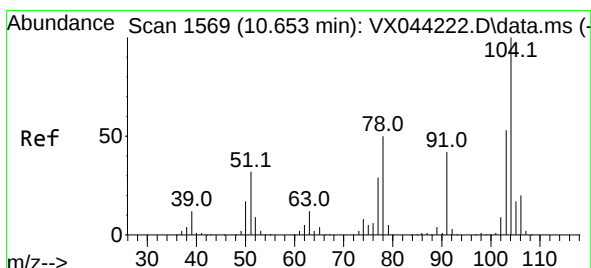
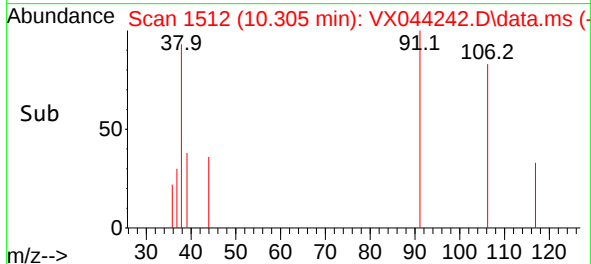
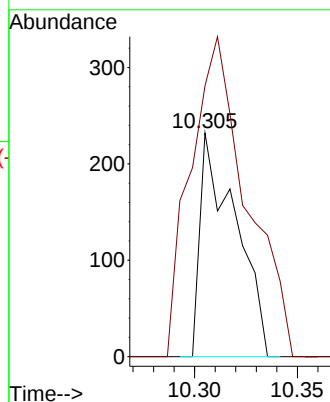
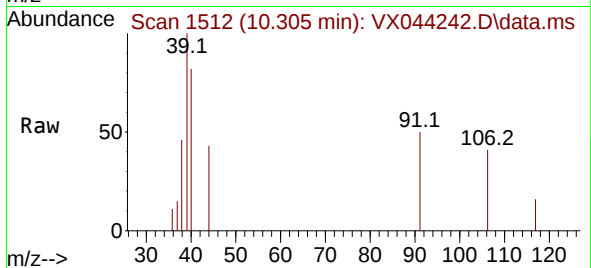




#68
m/p-Xylenes
Concen: 0.101 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044242.D
Acq: 12 Dec 2024 11:11

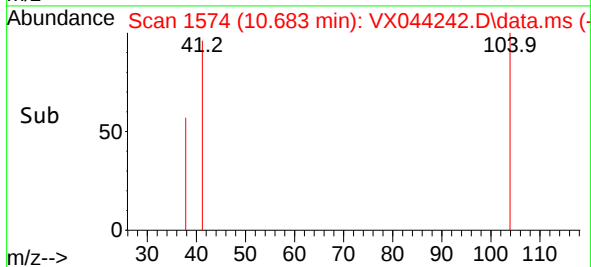
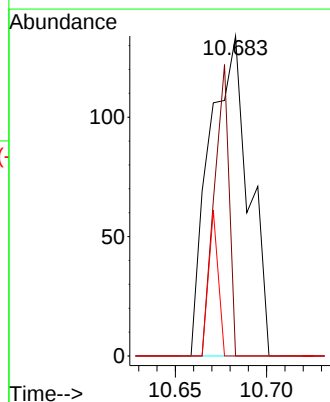
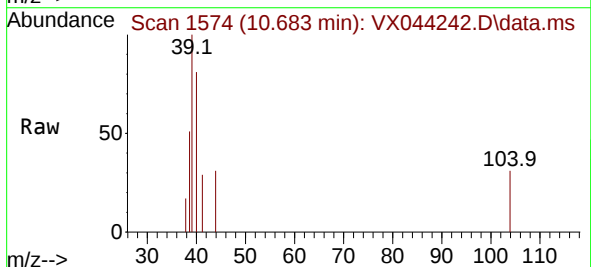
Instrument :
MSVOA_X
ClientSampleId :

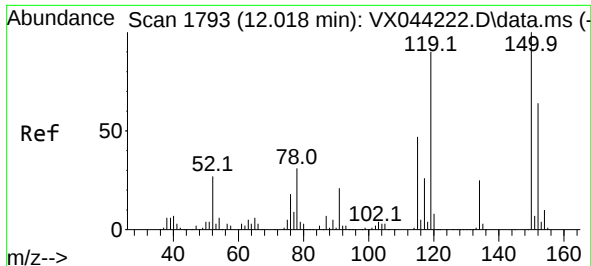
Tgt Ion:106 Resp: 278
Ion Ratio Lower Upper
106 100
91 226.6 170.2 255.2



#70
Styrene
Concen: 0.045 ug/l
RT: 10.683 min Scan# 1574
Delta R.T. 0.030 min
Lab File: VX044242.D
Acq: 12 Dec 2024 11:11

Tgt Ion:104 Resp: 200
Ion Ratio Lower Upper
104 100
78 34.0 44.6 67.0#
103 11.0 45.4 68.0#

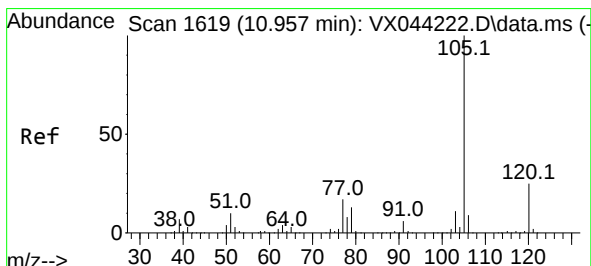
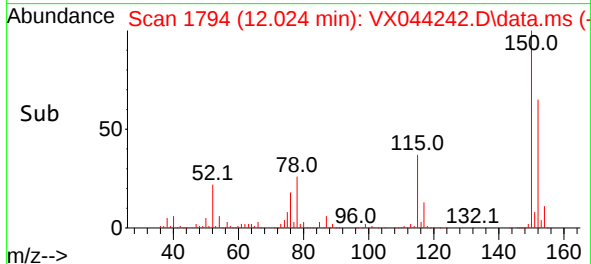
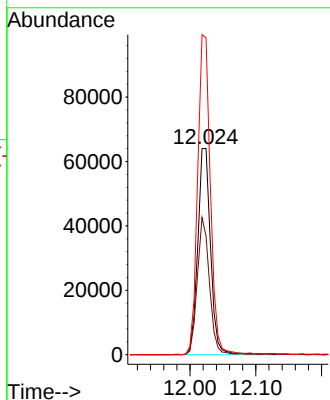
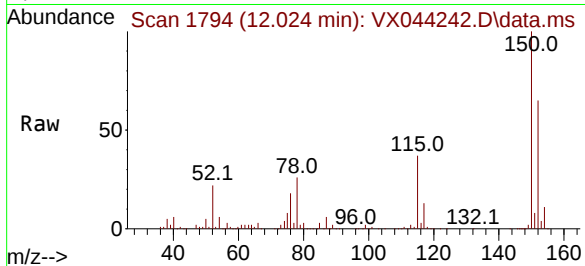




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044242.D
Acq: 12 Dec 2024 11:11

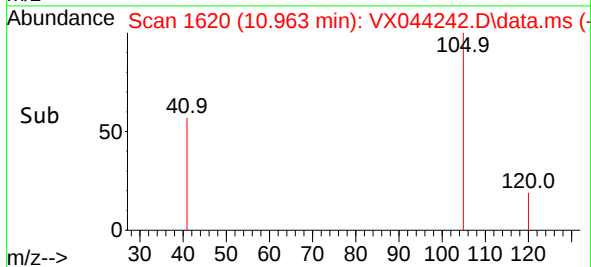
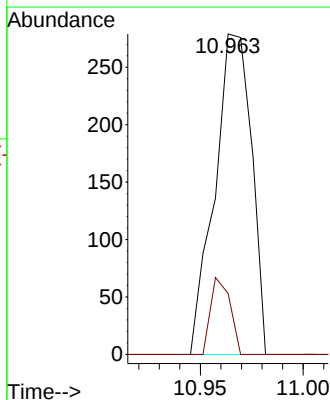
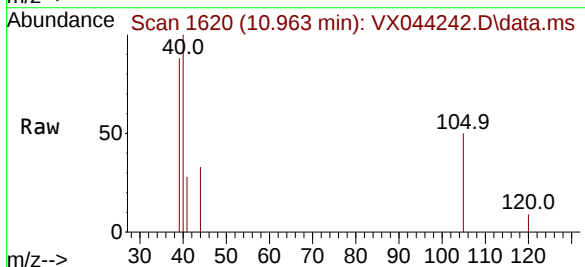
Instrument :
MSVOA_X
ClientSampleId :

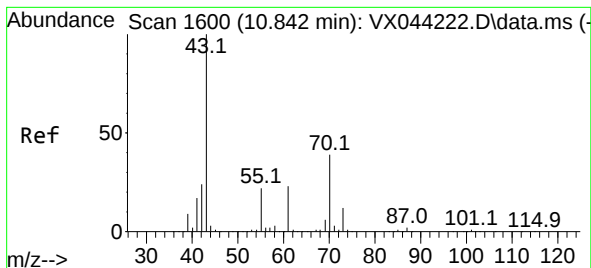
Tgt Ion:152 Resp: 86895
Ion Ratio Lower Upper
152 100
115 62.9 44.5 133.3
150 154.5 0.0 353.8



#73
Isopropylbenzene
Concen: 0.052 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX044242.D
Acq: 12 Dec 2024 11:11

Tgt Ion:105 Resp: 348
Ion Ratio Lower Upper
105 100
120 12.6 13.1 39.3#





#74

N-amy1 acetate

Concen: 0.010 ug/l

RT: 10.640 min Scan# 1

Delta R.T. -0.201 min

Lab File: VX044242.D

Acq: 12 Dec 2024 11:11

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43 Resp: 32

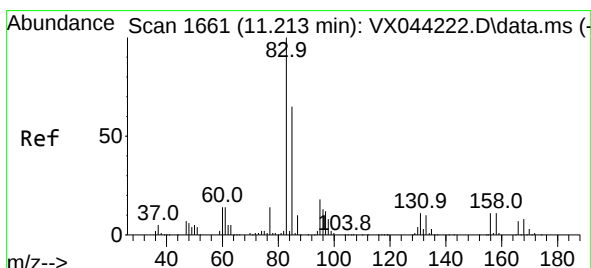
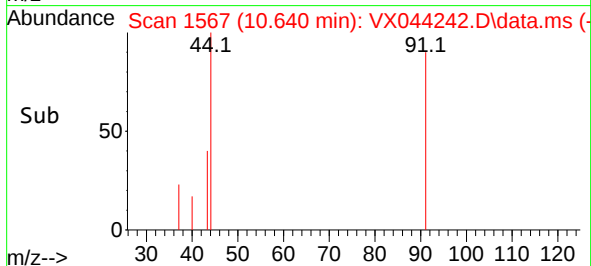
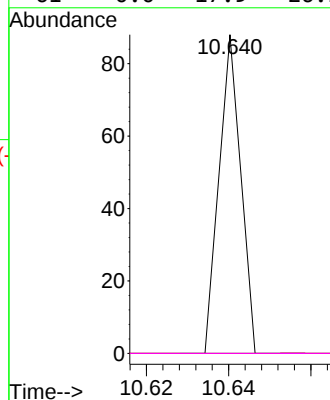
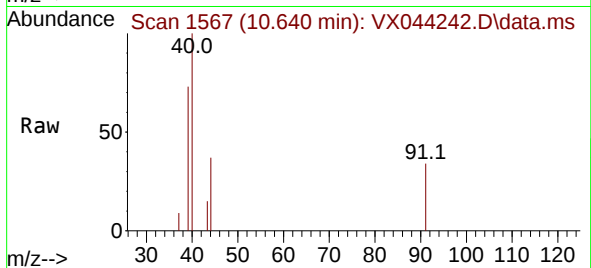
Ion Ratio Lower Upper

43 100

70 0.0 31.9 47.9#

55 0.0 17.9 26.9#

61 0.0 17.9 26.9#



#75

1,1,2,2-Tetrachloroethane

Concen: 0.042 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.128 min

Lab File: VX044242.D

Acq: 12 Dec 2024 11:11

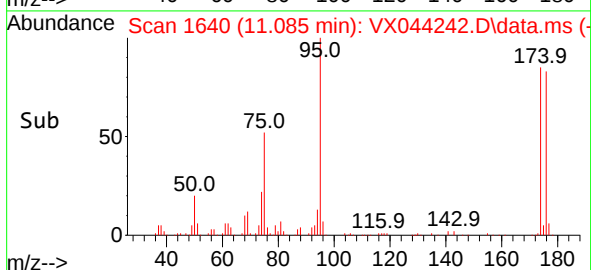
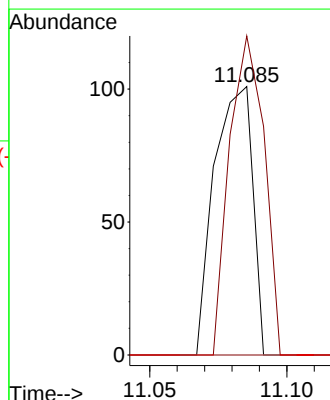
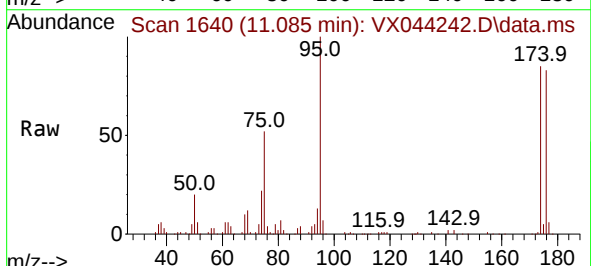
Tgt Ion: 83 Resp: 98

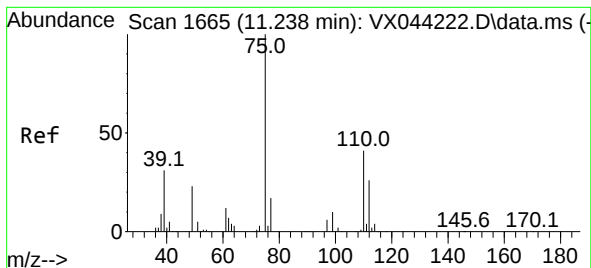
Ion Ratio Lower Upper

83 100

131 108.2 5.1 15.4#

85 0.0 32.5 97.4#





#76

1,2,3-Trichloropropane

Concen: 27.393 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX044242.D

Acq: 12 Dec 2024 11:11

Instrument :

MSVOA_X

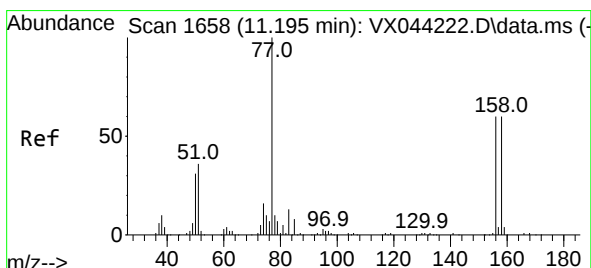
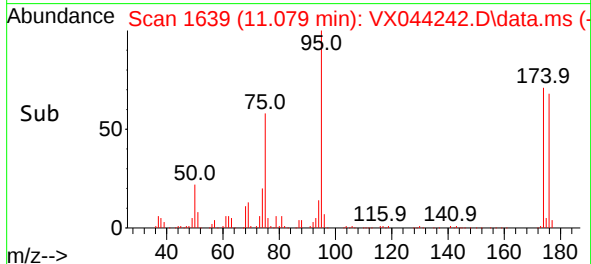
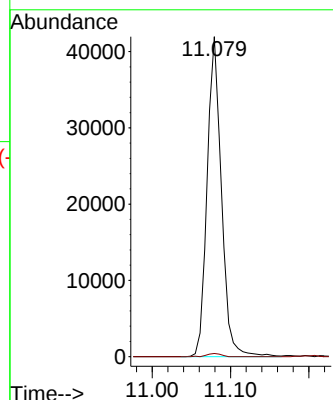
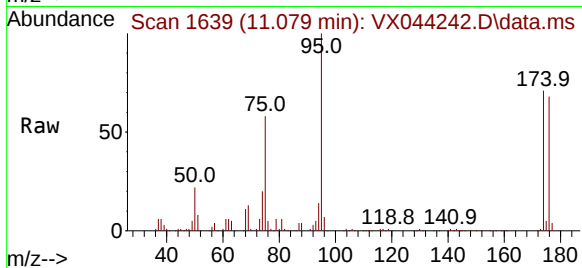
ClientSampleId :

Tgt Ion: 75 Resp: 53147

Ion Ratio Lower Upper

75 100

77 1.0 20.9 62.7#



#77

Bromobenzene

Concen: 0.050 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. 0.012 min

Lab File: VX044242.D

Acq: 12 Dec 2024 11:11

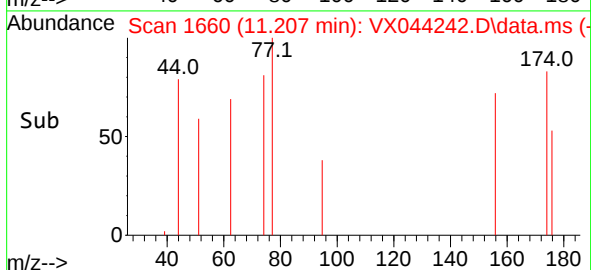
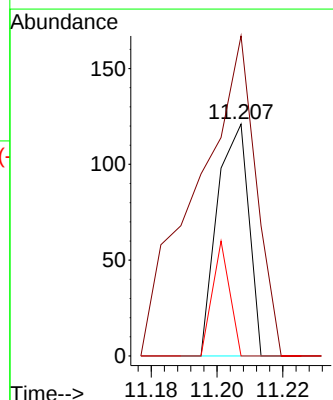
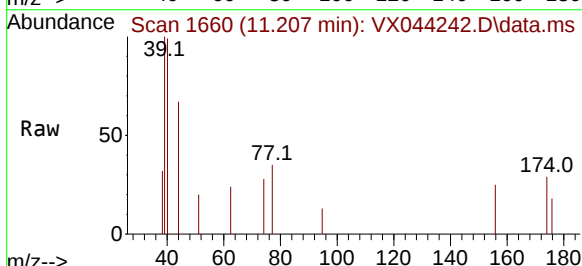
Tgt Ion:156 Resp: 80

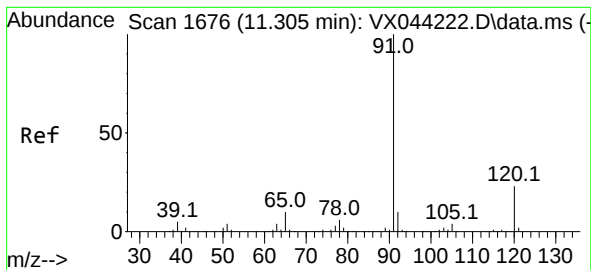
Ion Ratio Lower Upper

156 100

77 260.0 82.6 247.8#

158 27.5 48.8 146.4#





#78

n-propylbenzene

Concen: 0.058 ug/l

RT: 11.463 min Scan# 1702

Delta R.T. 0.158 min

Lab File: VX044242.D

Acq: 12 Dec 2024 11:11

Instrument :

MSVOA_X

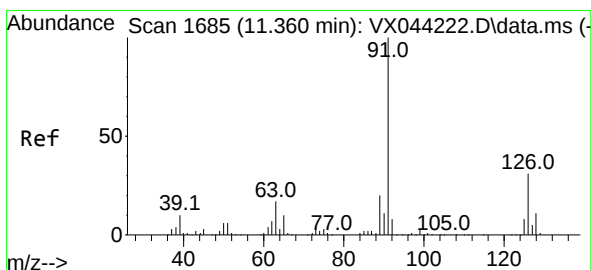
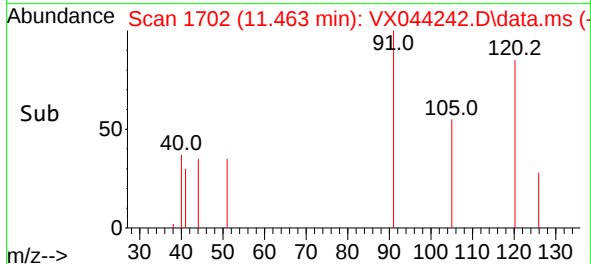
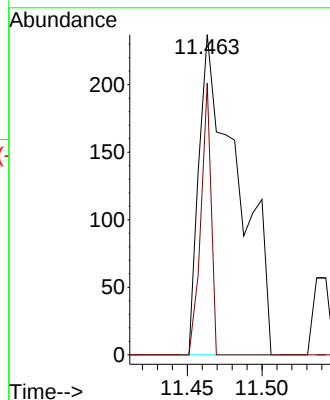
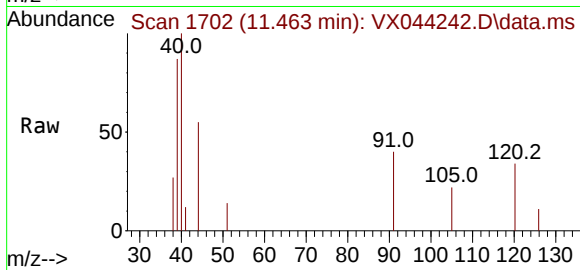
ClientSampleId :

Tgt Ion: 91 Resp: 427

Ion Ratio Lower Upper

91 100

120 22.2 11.0 33.0



#79

2-Chlorotoluene

Concen: 0.064 ug/l

RT: 11.366 min Scan# 1686

Delta R.T. 0.006 min

Lab File: VX044242.D

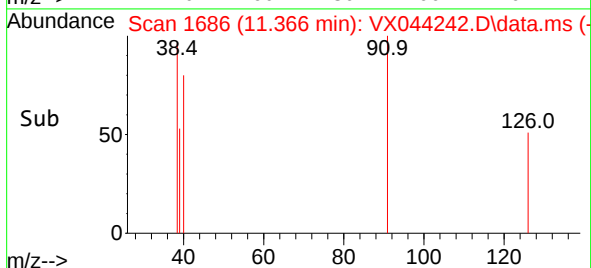
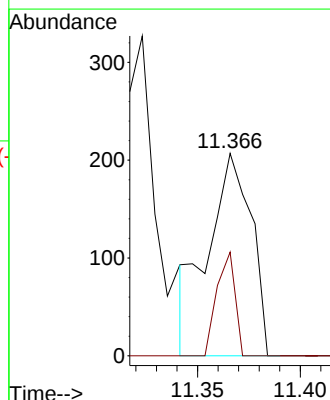
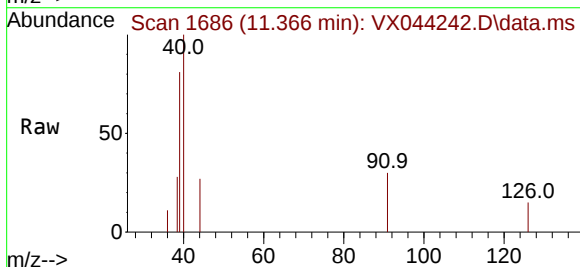
Acq: 12 Dec 2024 11:11

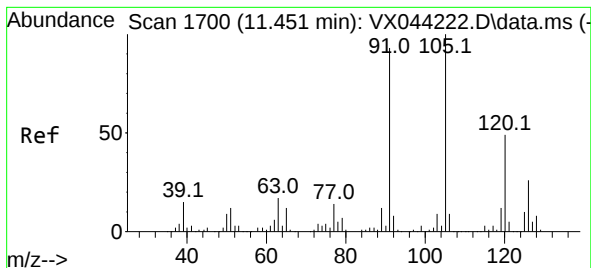
Tgt Ion: 91 Resp: 302

Ion Ratio Lower Upper

91 100

126 21.5 16.4 49.1





#80

1,3,5-Trimethylbenzene

Concen: 0.051 ug/l

RT: 11.451 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX044242.D

Acq: 12 Dec 2024 11:11

Instrument :

MSVOA_X

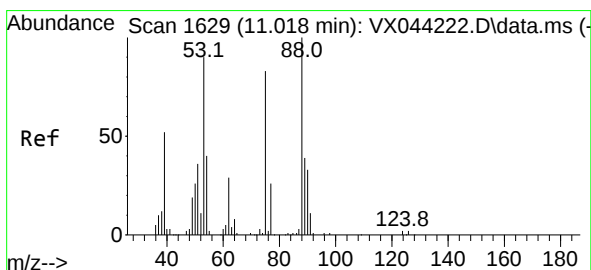
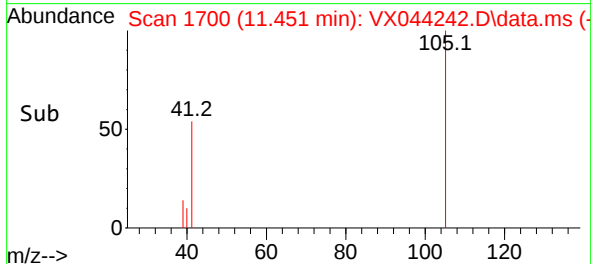
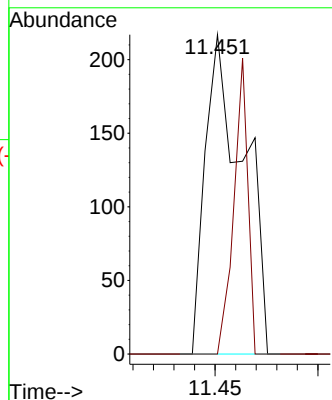
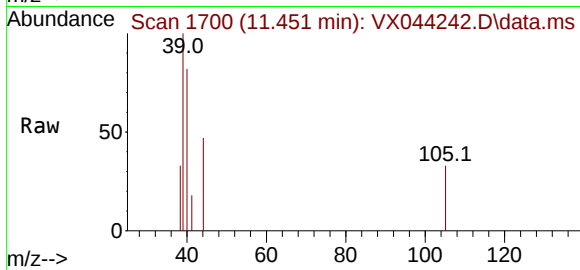
ClientSampleId :

Tgt Ion:105 Resp: 279

Ion Ratio Lower Upper

105 100

120 34.1 23.8 71.4



#81

trans-1,4-Dichloro-2-butene

Concen: 75.316 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX044242.D

Acq: 12 Dec 2024 11:11

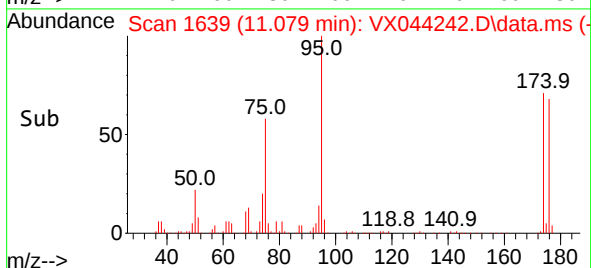
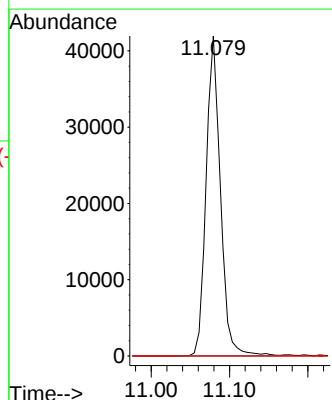
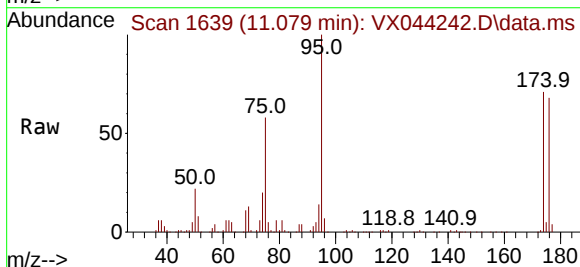
Tgt Ion: 75 Resp: 53147

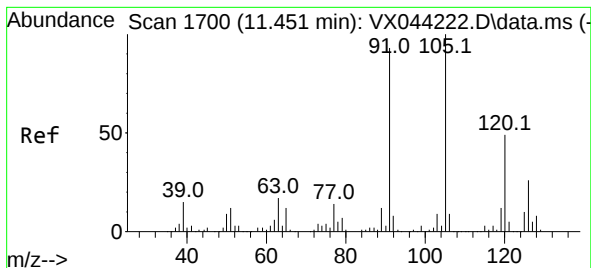
Ion Ratio Lower Upper

75 100

53 0.0 93.6 140.4#

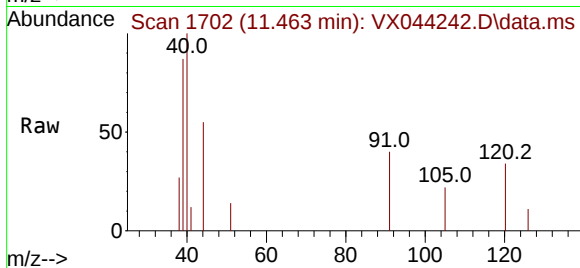
89 0.0 37.3 55.9#



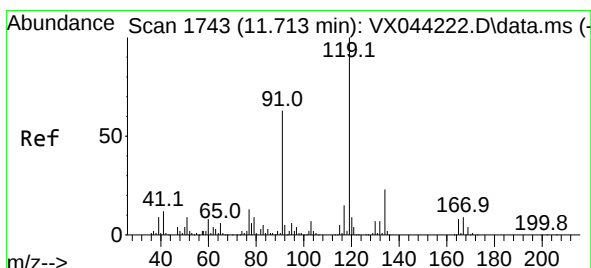
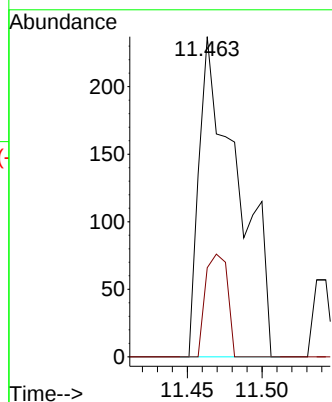
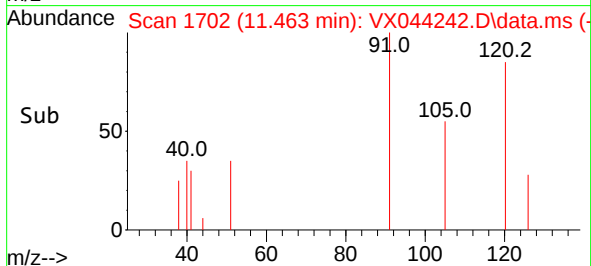


#82
4-Chlorotoluene
Concen: 0.081 ug/l
RT: 11.463 min Scan# 1702
Delta R.T. 0.012 min
Lab File: VX044242.D
Acq: 12 Dec 2024 11:11

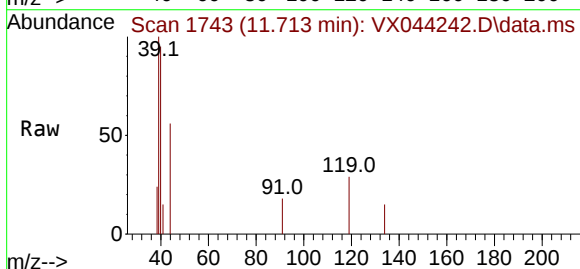
Instrument :
MSVOA_X
ClientSampleId :



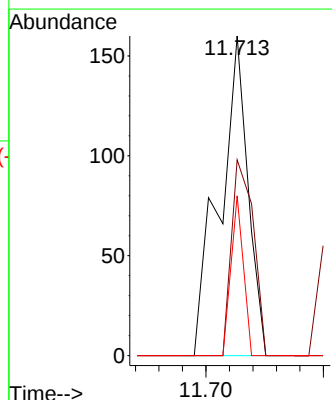
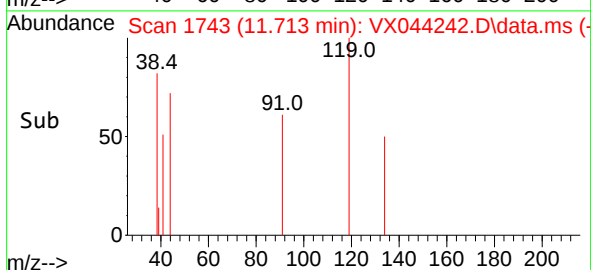
Tgt Ion: 91 Resp: 427
Ion Ratio Lower Upper
91 100
126 18.3 14.5 43.5

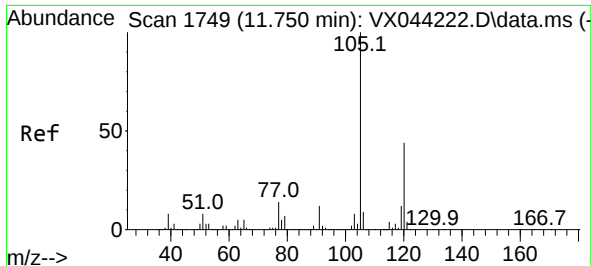


#83
tert-Butylbenzene
Concen: 0.025 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX044242.D
Acq: 12 Dec 2024 11:11



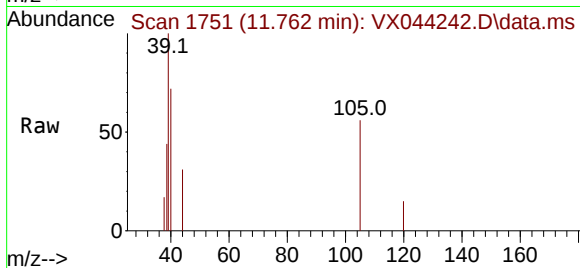
Tgt Ion: 119 Resp: 134
Ion Ratio Lower Upper
119 100
91 47.8 30.9 92.5
134 21.6 11.5 34.4



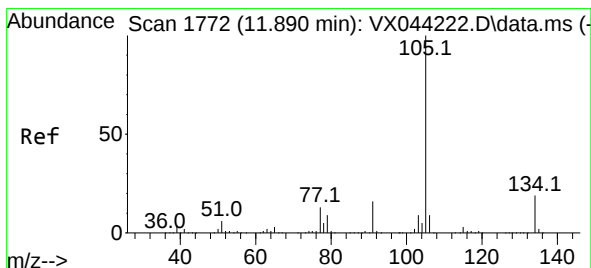
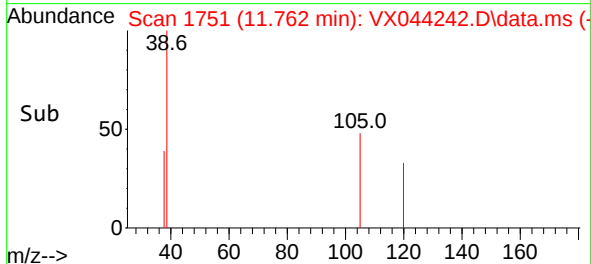
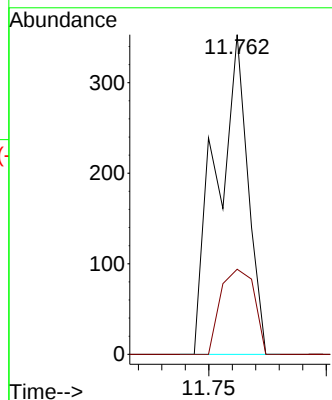


#84
1,2,4-Trimethylbenzene
Concen: 0.060 ug/l
RT: 11.762 min Scan# 1751
Delta R.T. 0.012 min
Lab File: VX044242.D
Acq: 12 Dec 2024 11:11

Instrument :
MSVOA_X
ClientSampleId :

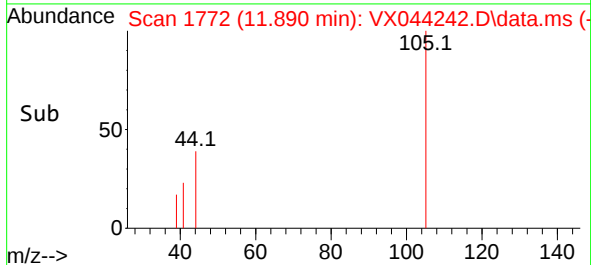
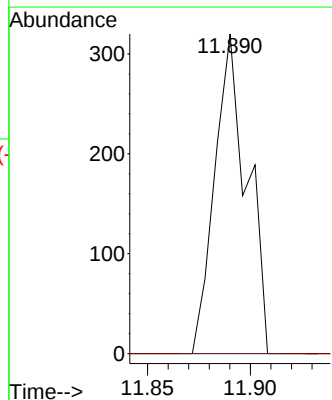
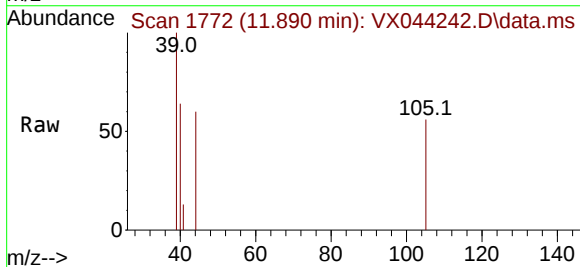


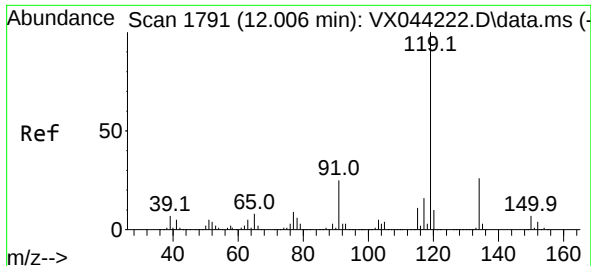
Tgt Ion:105 Resp: 327
Ion Ratio Lower Upper
105 100
120 28.4 21.7 65.1



#85
sec-Butylbenzene
Concen: 0.053 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX044242.D
Acq: 12 Dec 2024 11:11

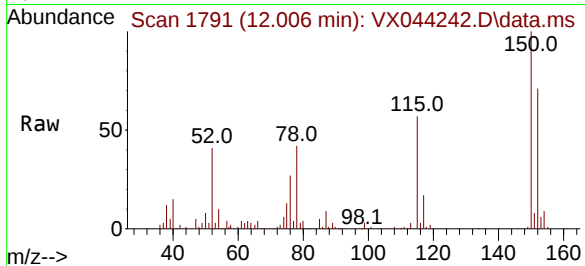
Tgt Ion:105 Resp: 349
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.4#



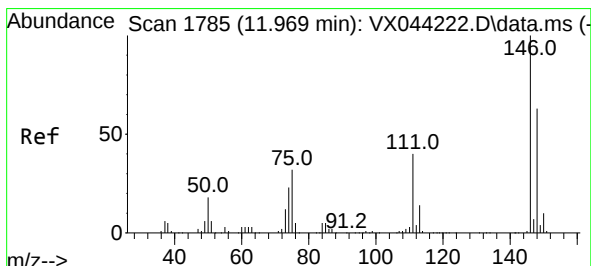
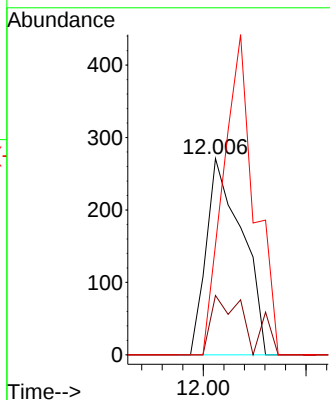
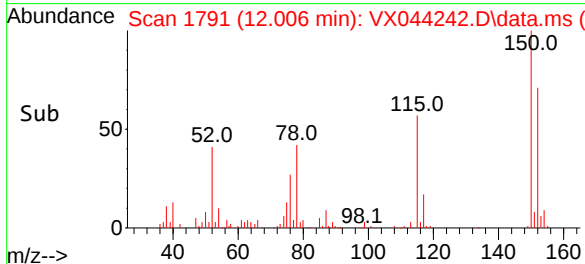


#86
 p-Isopropyltoluene
 Concen: 0.060 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX044242.D
 Acq: 12 Dec 2024 11:11

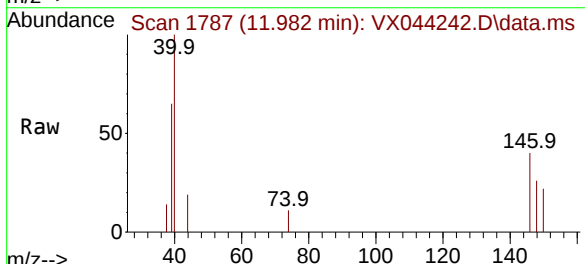
Instrument :
 MSVOA_X
 ClientSampleId :



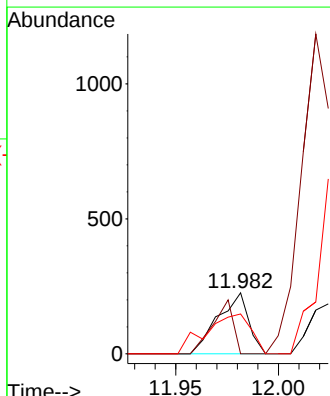
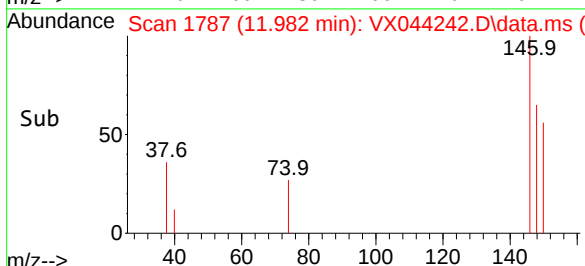
Tgt Ion:119 Resp: 328
 Ion Ratio Lower Upper
 119 100
 134 30.5 12.8 38.4
 91 141.8 13.0 39.0#

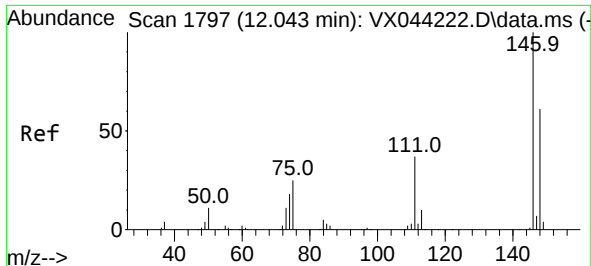


#87
 1,3-Dichlorobenzene
 Concen: 0.083 ug/l
 RT: 11.982 min Scan# 1787
 Delta R.T. 0.012 min
 Lab File: VX044242.D
 Acq: 12 Dec 2024 11:11



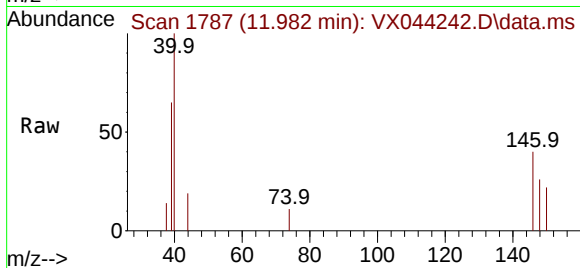
Tgt Ion:146 Resp: 235
 Ion Ratio Lower Upper
 146 100
 111 58.7 21.4 64.2
 148 95.3 31.7 95.1#



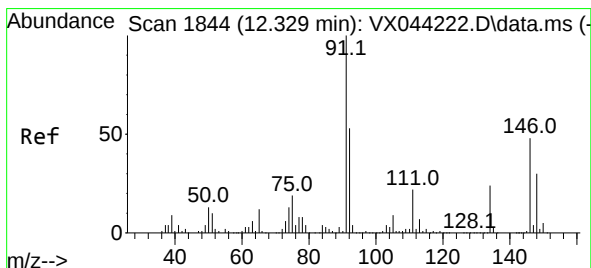
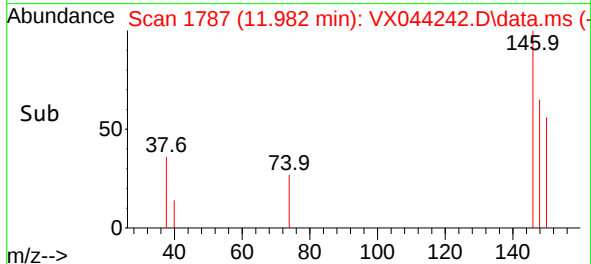
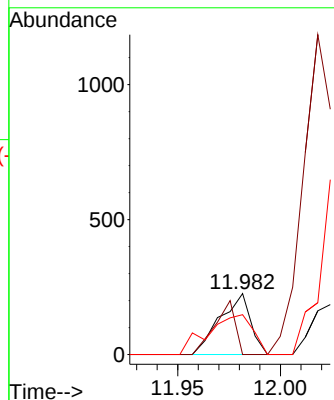


#88
1,4-Dichlorobenzene
Concen: 0.081 ug/l
RT: 11.982 min Scan# 11
Delta R.T. -0.061 min
Lab File: VX044242.D
Acq: 12 Dec 2024 11:11

Instrument :
MSVOA_X
ClientSampleId :

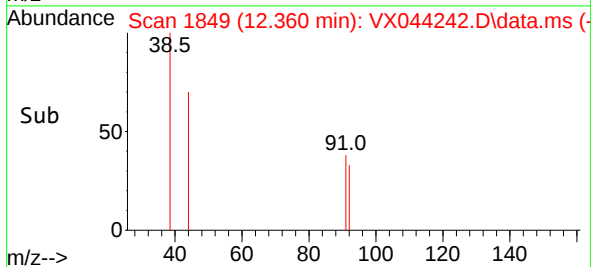
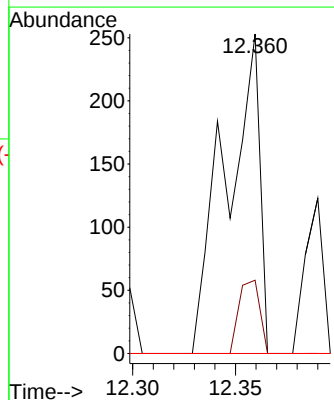
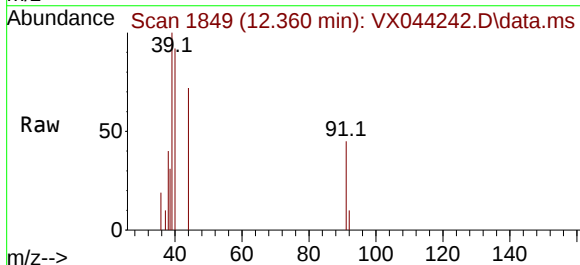


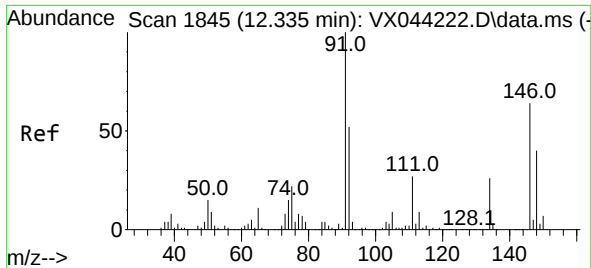
Tgt Ion:146 Resp: 235
Ion Ratio Lower Upper
146 100
111 58.7 21.0 63.0
148 95.3 32.3 96.8



#89
n-Butylbenzene
Concen: 0.063 ug/l
RT: 12.360 min Scan# 1849
Delta R.T. 0.030 min
Lab File: VX044242.D
Acq: 12 Dec 2024 11:11

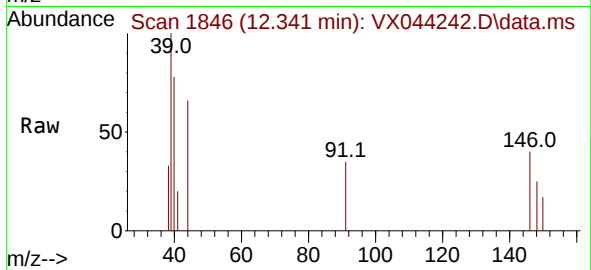
Tgt Ion: 91 Resp: 290
Ion Ratio Lower Upper
91 100
92 14.1 26.6 79.7#
134 0.0 12.6 37.8#



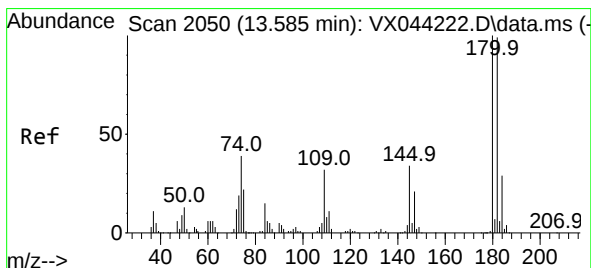
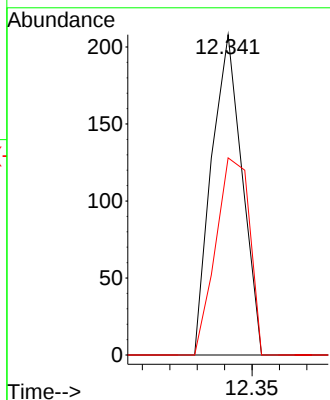
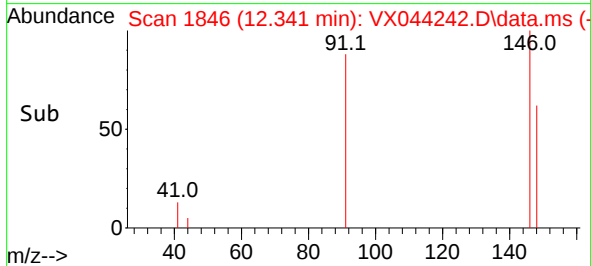


#91
1,2-Dichlorobenzene
Concen: 0.055 ug/l
RT: 12.341 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX044242.D
Acq: 12 Dec 2024 11:11

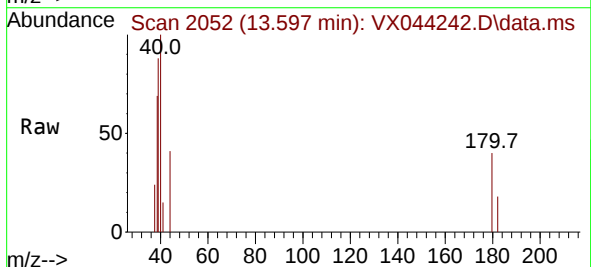
Instrument :
MSVOA_X
ClientSampleId :



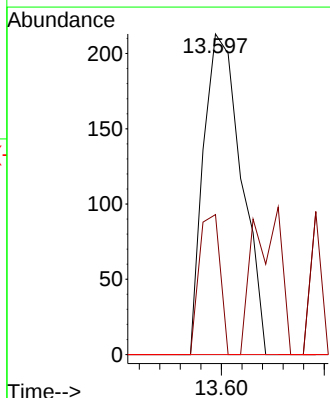
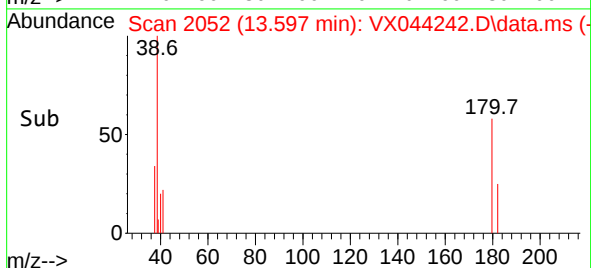
Tgt Ion:146 Resp: 160
Ion Ratio Lower Upper
146 100
111 0.0 21.4 64.3#
148 68.8 31.6 95.0

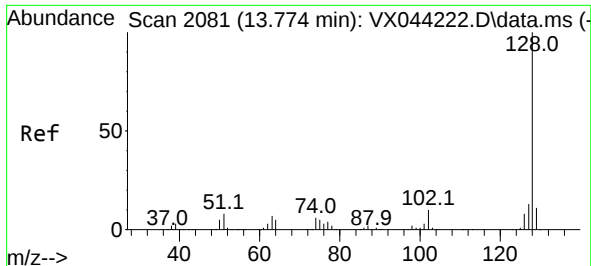


#93
1,2,4-Trichlorobenzene
Concen: 0.170 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.012 min
Lab File: VX044242.D
Acq: 12 Dec 2024 11:11



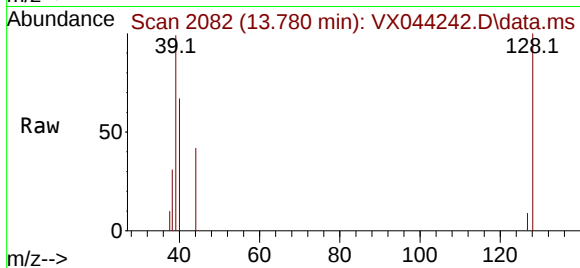
Tgt Ion:180 Resp: 273
Ion Ratio Lower Upper
180 100
182 24.2 48.0 144.2#
145 0.0 16.6 49.7#



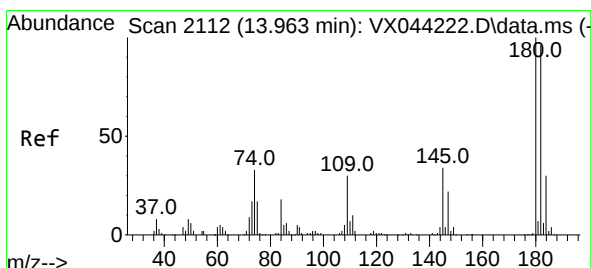
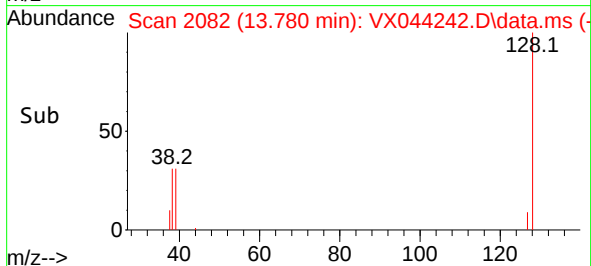
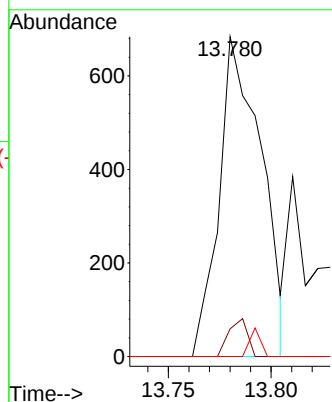


#95
Naphthalene
Concen: 0.156 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX044242.D
Acq: 12 Dec 2024 11:11

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 977
Ion Ratio Lower Upper
128 100
127 5.2 10.5 15.7#
129 2.3 9.0 13.4#



#96
1,2,3-Trichlorobenzene
Concen: 0.064 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX044242.D
Acq: 12 Dec 2024 11:11

Tgt Ion:180 Resp: 109
Ion Ratio Lower Upper
180 100
182 234.9 48.0 144.0#
145 0.0 17.7 53.1#

