

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100824\
 Data File : VX043321.D
 Acq On : 08 Oct 2024 13:13
 Operator : JC/MD
 Sample : PB163973TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 09 01:36:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

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

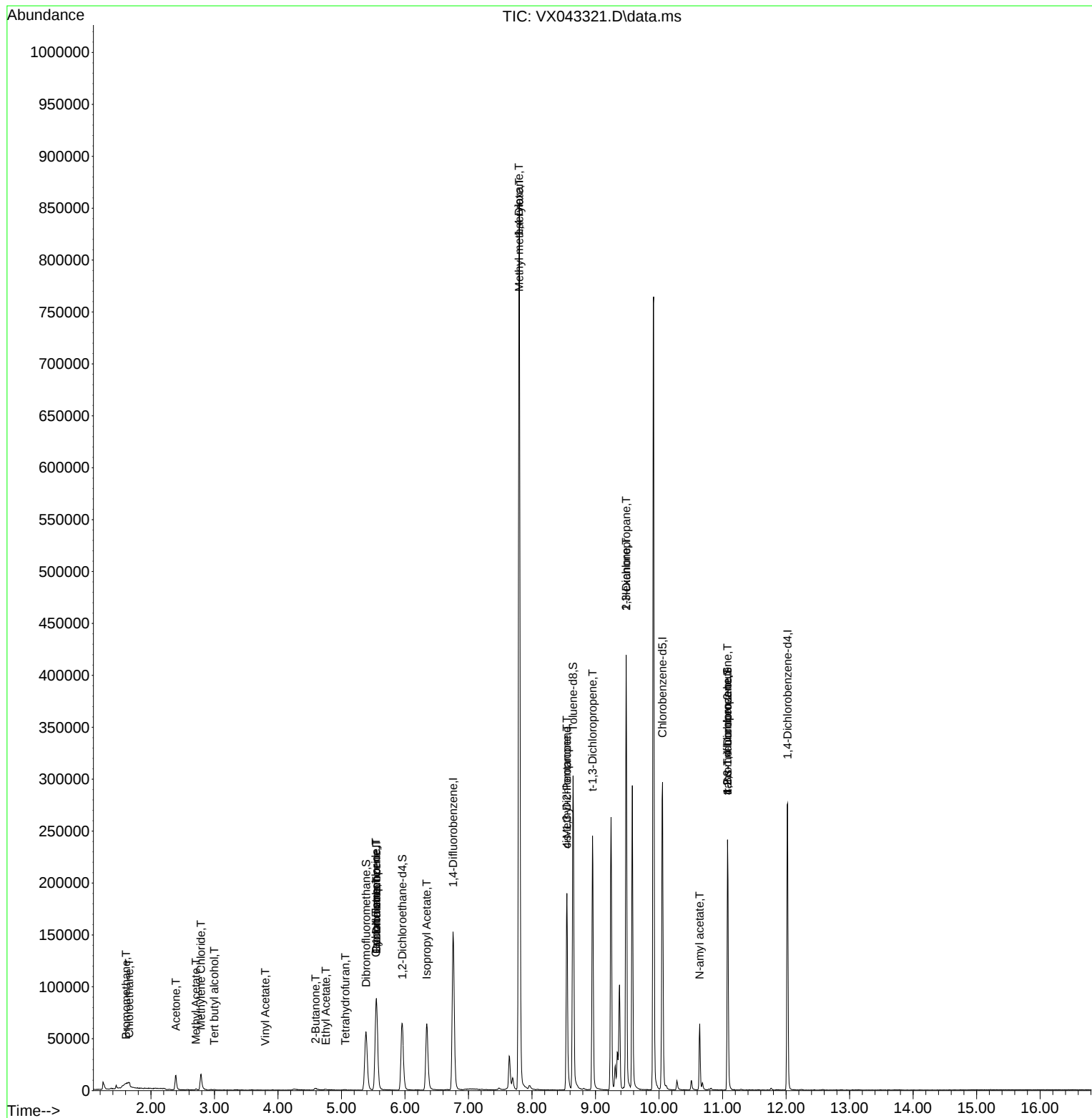
Internal Standards						
1) Pentafluorobenzene	5.550	168	80498	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	151365	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56445	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68176	51.858	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.720%			
35) Dibromofluoromethane	5.385	113	48890	46.835	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.680%			
50) Toluene-d8	8.647	98	179773	49.695	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.400%			
62) 4-Bromofluorobenzene	11.079	95	63993	48.693	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.380%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	162	0.411	ug/l #	51
6) Chloroethane	1.654	64	136	0.378	ug/l #	42
11) Tert butyl alcohol	2.995	59	682	2.726	ug/l #	71
16) Acetone	2.392	43	16636	30.302	ug/l	97
18) Methyl Acetate	2.709	43	1568	1.138	ug/l #	76
20) Methylene Chloride	2.788	84	8151	8.052	ug/l	96
23) Vinyl Acetate	3.800	43	19	6.345	ug/l #	71
25) 2-Butanone	4.593	43	3554	4.721	ug/l #	89
29) Tetrahydrofuran	5.062	42	462	0.963	ug/l #	31
31) Cyclohexane	5.550	56	1946	1.372	ug/l #	28
36) 1,1-Dichloropropene	5.550	75	6824	5.175	ug/l #	50
37) Ethyl Acetate	4.751	43	1217	0.768	ug/l #	68
38) Carbon Tetrachloride	5.544	117	8761	5.612	ug/l #	14
43) Isopropyl Acetate	6.342	43	90109	34.449	ug/l	99
48) Methyl methacrylate	7.799	41	77487	60.374	ug/l #	45
49) 1,4-Dioxane	7.793	88	42	1.683	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	69179	43.545	ug/l #	50
53) t-1,3-Dichloropropene	8.952	75	465	0.303	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	29032	17.622	ug/l #	59
57) 1,3-Dichloropropane	9.482	76	3472	2.047	ug/l #	43
59) 2-Hexanone	9.482	43	54013	44.959	ug/l #	53
74) N-amyl acetate	10.640	43	15961	7.662	ug/l #	54
76) 1,2,3-Trichloropropane	11.079	75	35518	28.369	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	35518	73.522	ug/l #	8

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100824\
Data File : VX043321.D
Acq On : 08 Oct 2024 13:13
Operator : JC/MD
Sample : PB163973TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 09 01:36:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
Response via : Initial Calibration



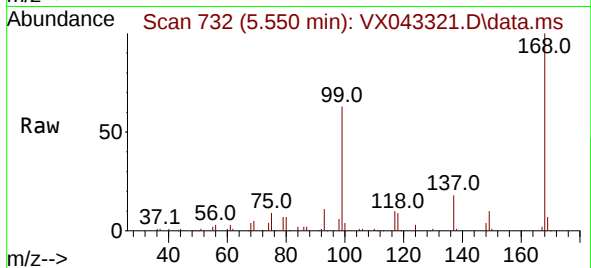


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043321.D
Acq: 08 Oct 2024 13:13

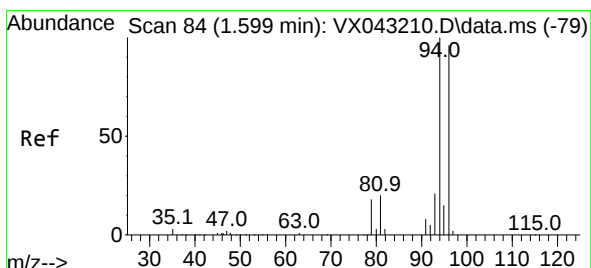
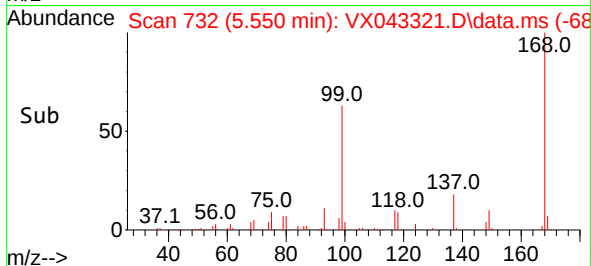
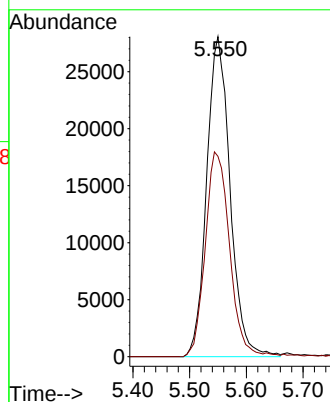
Instrument :

MSVOA_X

ClientSampleId :

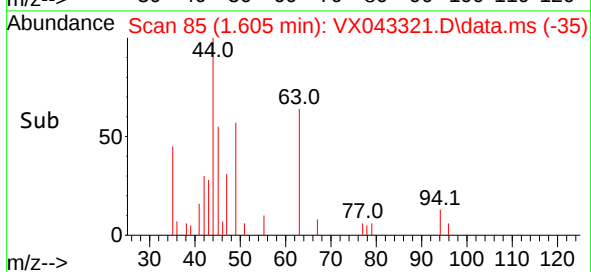
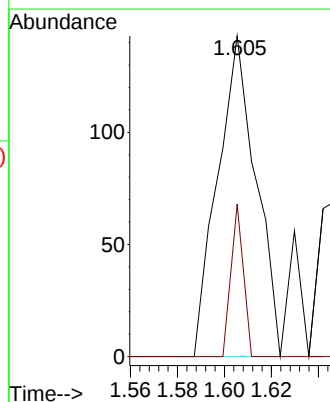
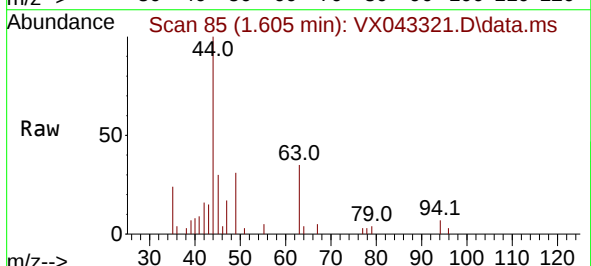


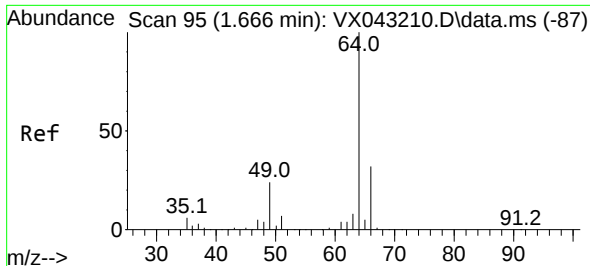
Tgt Ion:168 Resp: 80498
Ion Ratio Lower Upper
168 100
99 62.6 49.7 74.5



#5
Bromomethane
Concen: 0.411 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX043321.D
Acq: 08 Oct 2024 13:13

Tgt Ion: 94 Resp: 162
Ion Ratio Lower Upper
94 100
96 47.6 76.6 115.0#

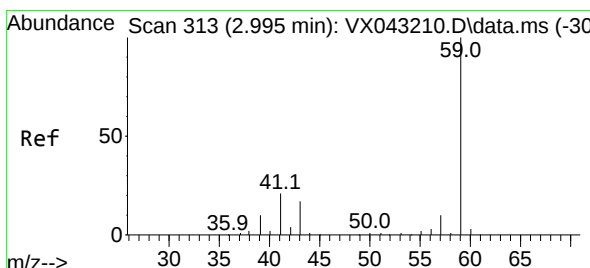
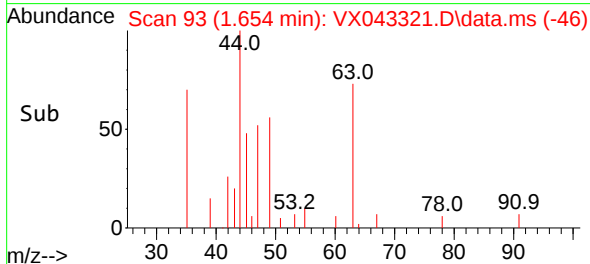
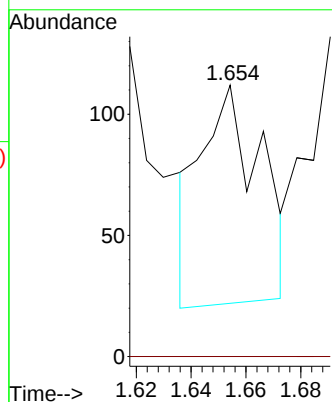
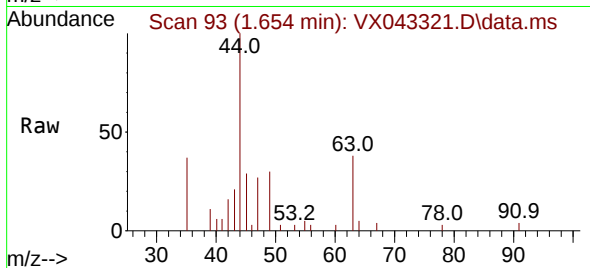




#6
Chloroethane
Concen: 0.378 ug/l
RT: 1.654 min Scan# 91
Delta R.T. -0.012 min
Lab File: VX043321.D
Acq: 08 Oct 2024 13:13

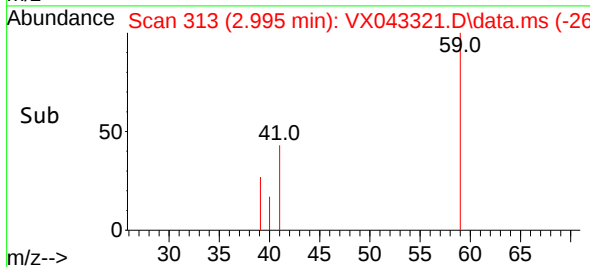
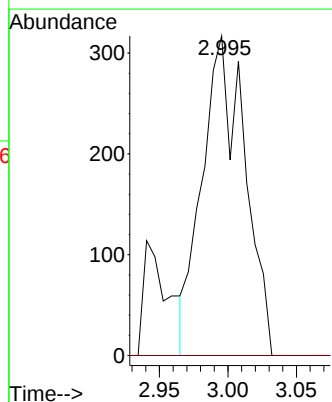
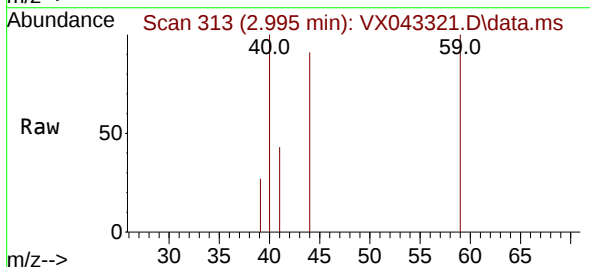
Instrument :
MSVOA_X
ClientSampleId :

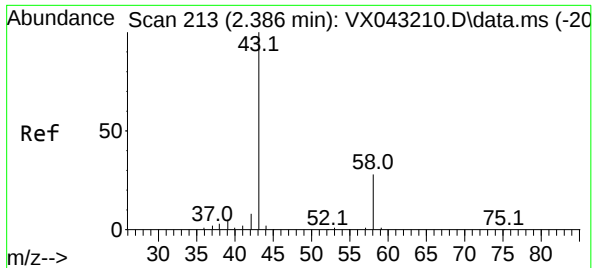
Tgt Ion: 64 Resp: 136
Ion Ratio Lower Upper
64 100
66 0.0 25.8 38.8#



#11
Tert butyl alcohol
Concen: 2.726 ug/l
RT: 2.995 min Scan# 313
Delta R.T. 0.000 min
Lab File: VX043321.D
Acq: 08 Oct 2024 13:13

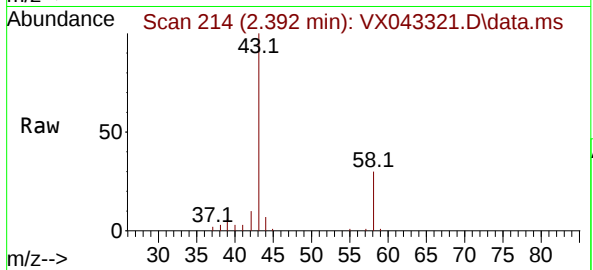
Tgt Ion: 59 Resp: 682
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#



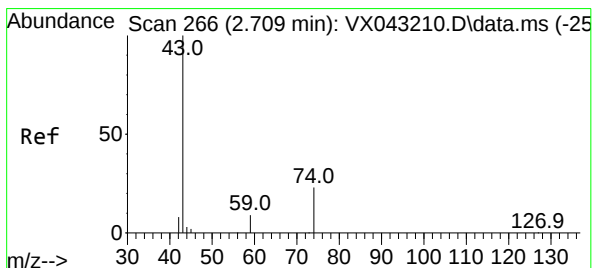
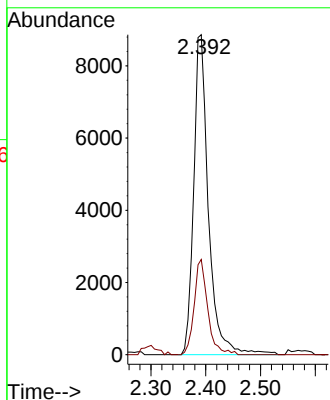
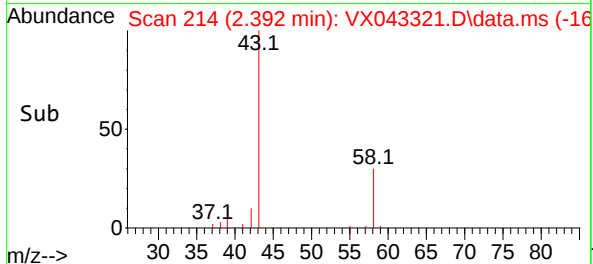


#16
Acetone
Concen: 30.302 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX043321.D
Acq: 08 Oct 2024 13:13

Instrument :
MSVOA_X
ClientSampleId :

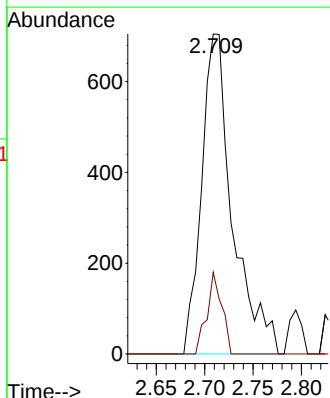
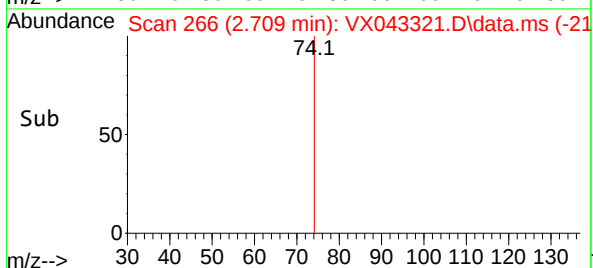
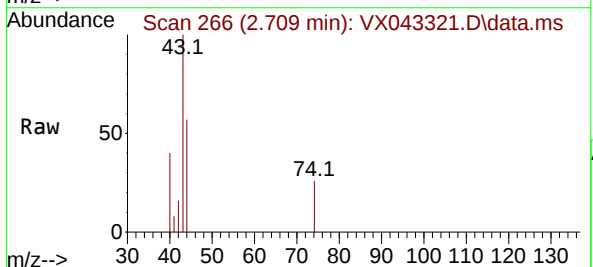


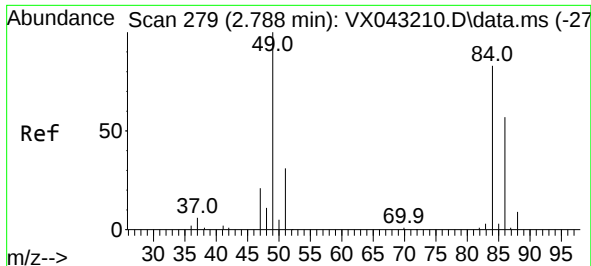
Tgt Ion: 43 Resp: 16636
Ion Ratio Lower Upper
43 100
58 29.8 22.6 33.8



#18
Methyl Acetate
Concen: 1.138 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX043321.D
Acq: 08 Oct 2024 13:13

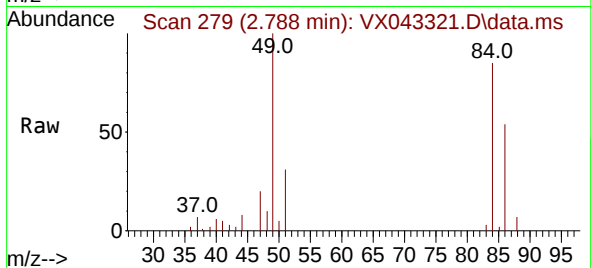
Tgt Ion: 43 Resp: 1568
Ion Ratio Lower Upper
43 100
74 12.3 19.1 28.7#



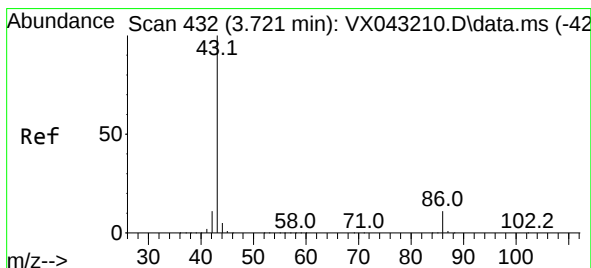
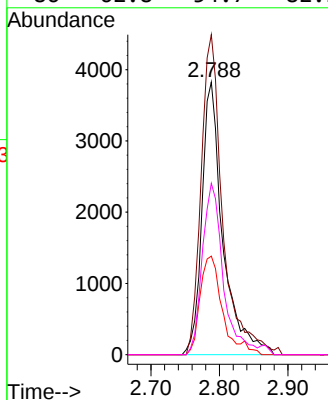
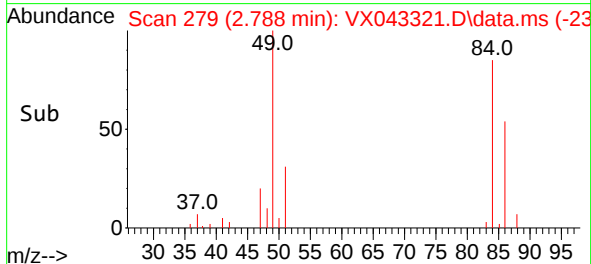


#20
Methylene Chloride
Concen: 8.052 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX043321.D
Acq: 08 Oct 2024 13:13

Instrument :
MSVOA_X
ClientSampleId :

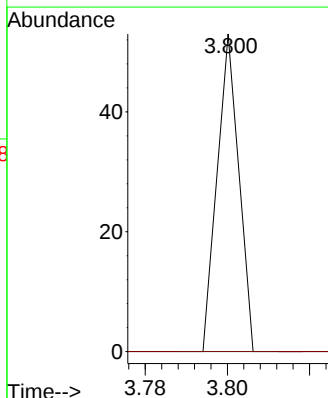
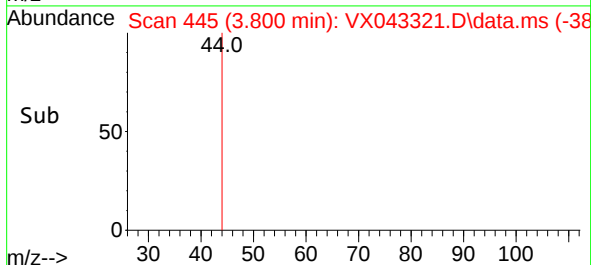
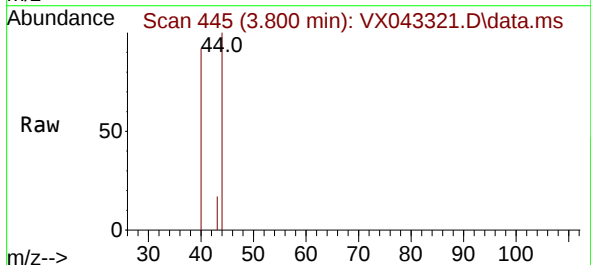


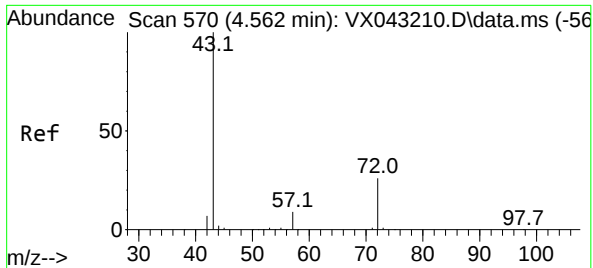
Tgt Ion: 84	Resp: 8151
Ion Ratio	Lower Upper
84 100	
49 117.4	96.7 145.1
51 36.1	30.4 45.6
86 62.8	54.7 82.1



#23
Vinyl Acetate
Concen: 6.345 ug/l
RT: 3.800 min Scan# 445
Delta R.T. 0.079 min
Lab File: VX043321.D
Acq: 08 Oct 2024 13:13

Tgt Ion: 43	Resp: 19
Ion Ratio	Lower Upper
43 100	
86 0.0	8.8 13.2#





#25

2-Butanone

Concen: 4.721 ug/l

RT: 4.593 min Scan# 51

Delta R.T. 0.031 min

Lab File: VX043321.D

Acq: 08 Oct 2024 13:13

Instrument :

MSVOA_X

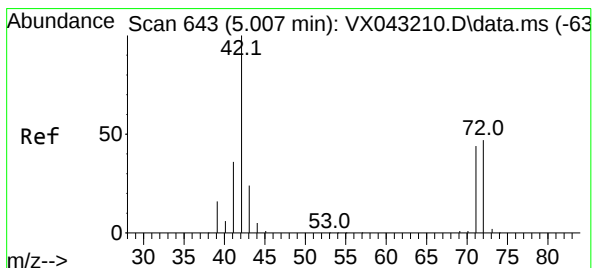
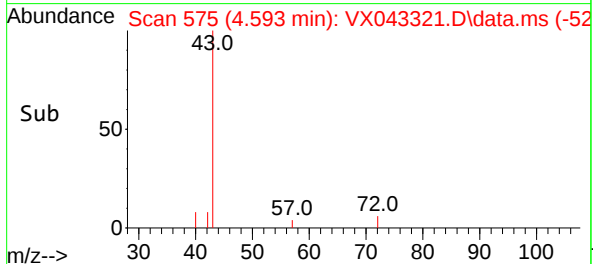
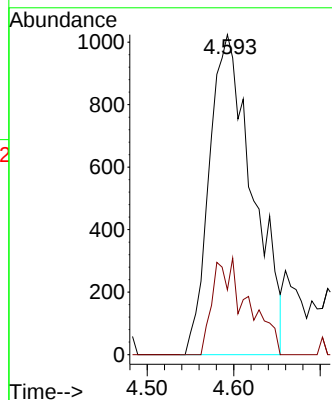
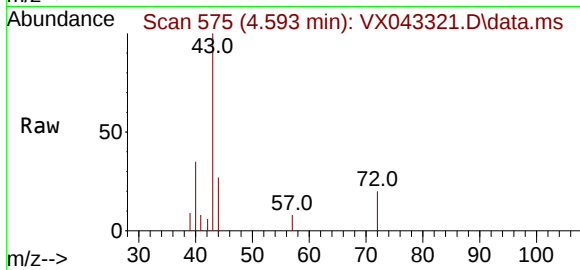
ClientSampleId :

Tgt Ion: 43 Resp: 3554

Ion Ratio Lower Upper

43 100

72 20.2 20.6 31.0#



#29

Tetrahydrofuran

Concen: 0.963 ug/l

RT: 5.062 min Scan# 652

Delta R.T. 0.055 min

Lab File: VX043321.D

Acq: 08 Oct 2024 13:13

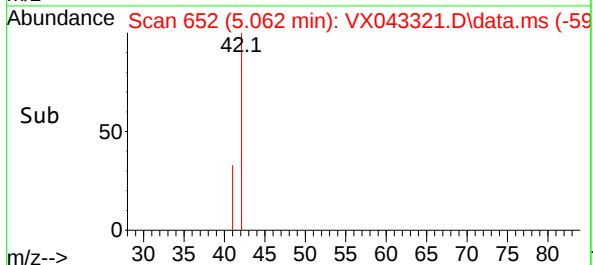
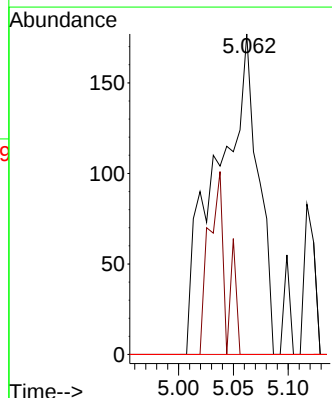
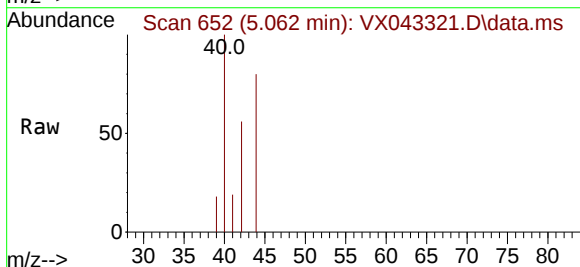
Tgt Ion: 42 Resp: 462

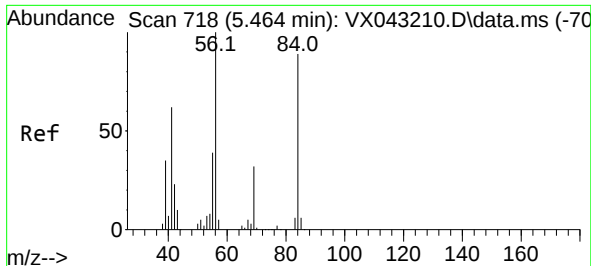
Ion Ratio Lower Upper

42 100

72 0.0 37.7 56.5#

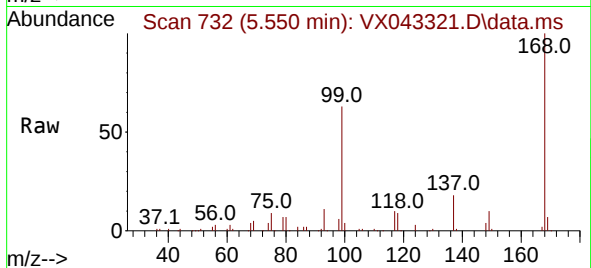
71 0.0 34.6 52.0#



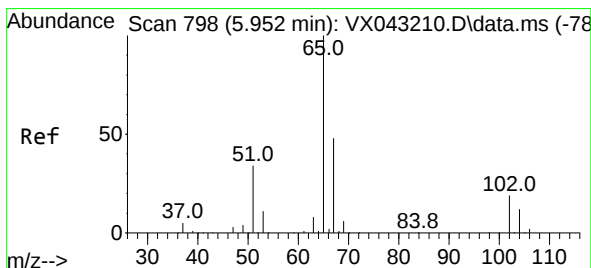
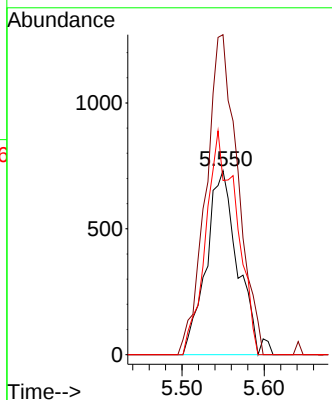
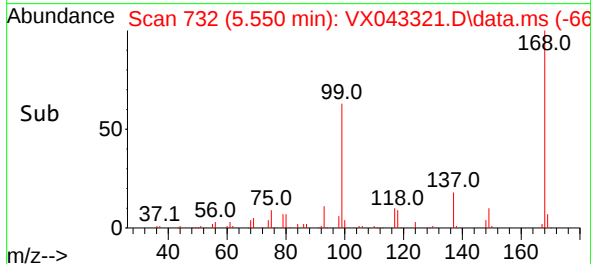


#31
Cyclohexane
Concen: 1.372 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX043321.D
Acq: 08 Oct 2024 13:13

Instrument :
MSVOA_X
ClientSampleId :

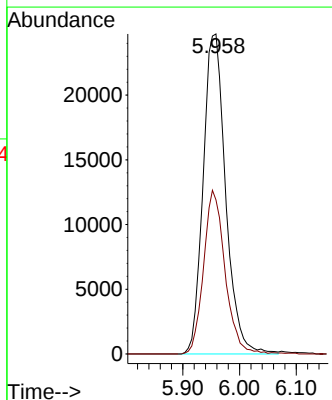
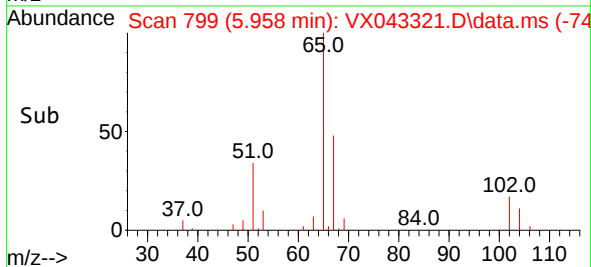
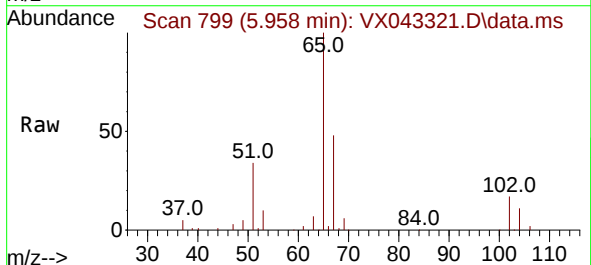


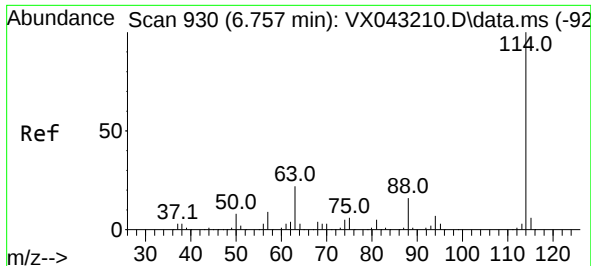
Tgt Ion: 56 Resp: 1946
Ion Ratio Lower Upper
56 100
69 173.9 25.8 38.6#
84 94.7 71.1 106.7



#33
1,2-Dichloroethane-d4
Concen: 51.858 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX043321.D
Acq: 08 Oct 2024 13:13

Tgt Ion: 65 Resp: 68176
Ion Ratio Lower Upper
65 100
67 48.7 0.0 99.0

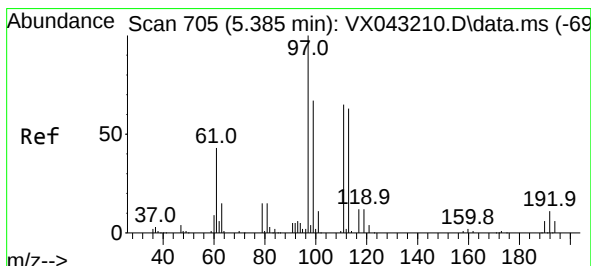
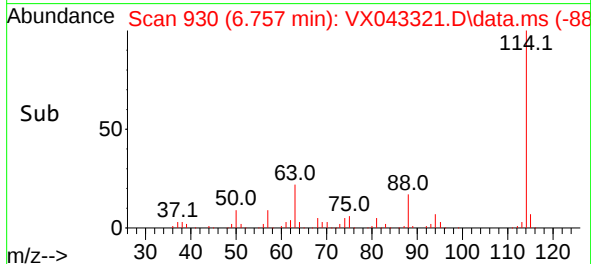
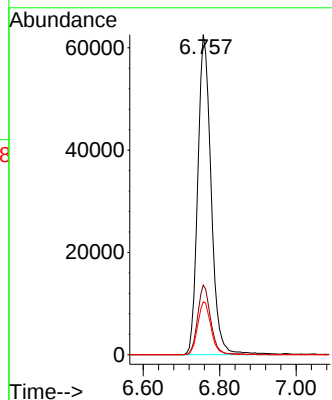
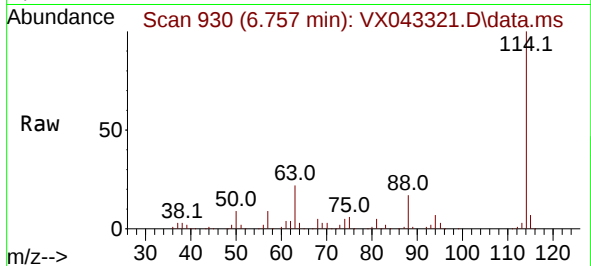




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX043321.D
Acq: 08 Oct 2024 13:13

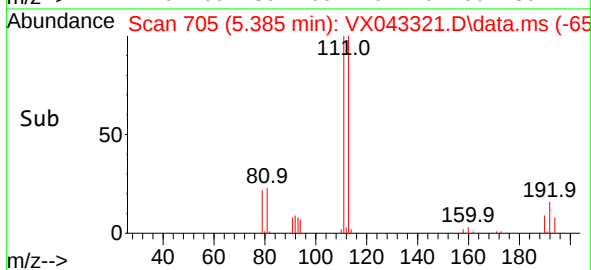
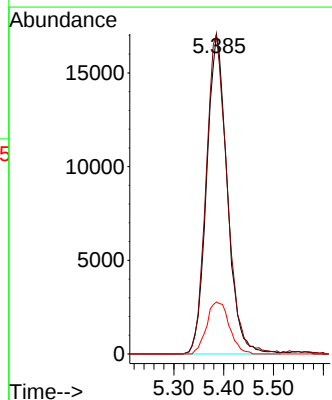
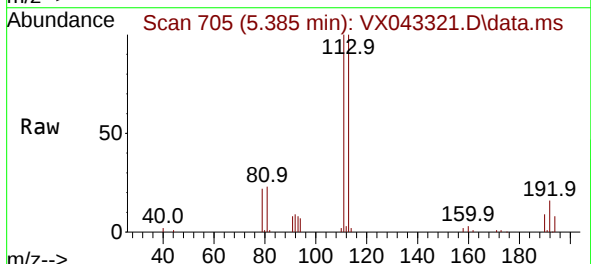
Instrument :
MSVOA_X
ClientSampleId :

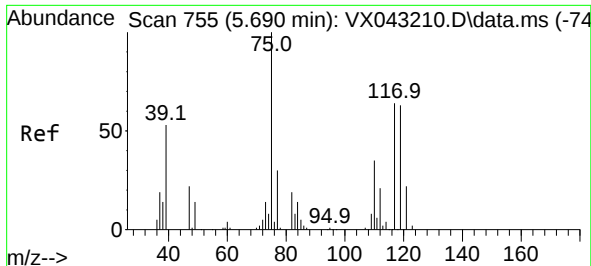
Tgt Ion:114 Resp: 151365
Ion Ratio Lower Upper
114 100
63 21.8 0.0 43.0
88 16.5 0.0 33.0



#35
Dibromofluoromethane
Concen: 46.835 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043321.D
Acq: 08 Oct 2024 13:13

Tgt Ion:113 Resp: 48890
Ion Ratio Lower Upper
113 100
111 102.7 83.4 125.0
192 17.9 14.1 21.1

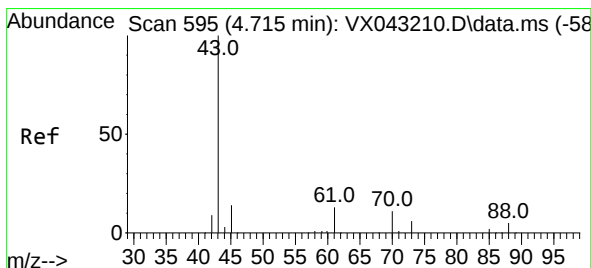
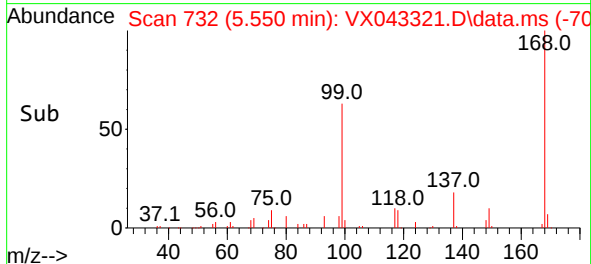
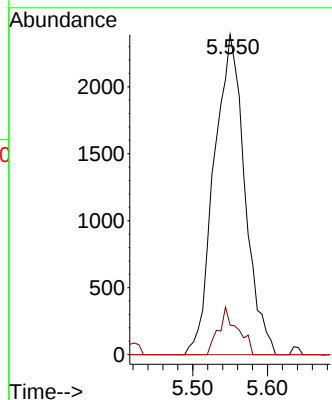
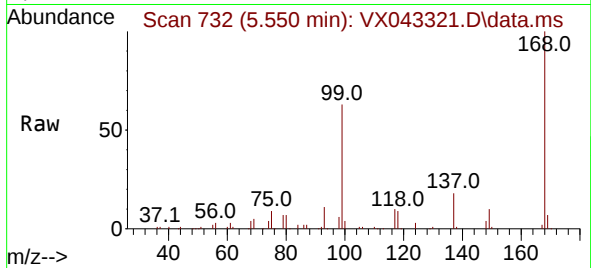




#36
1,1-Dichloropropene
Concen: 5.175 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX043321.D
Acq: 08 Oct 2024 13:13

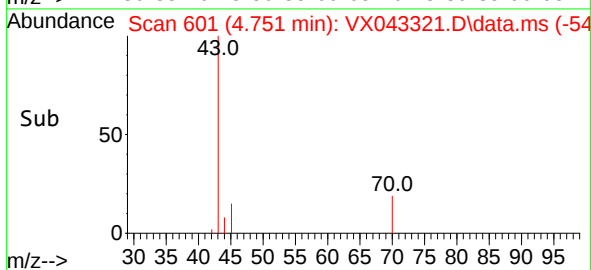
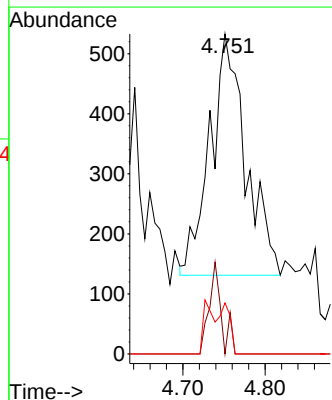
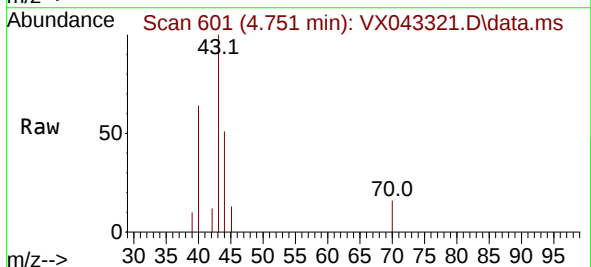
Instrument :
MSVOA_X
ClientSampleId :

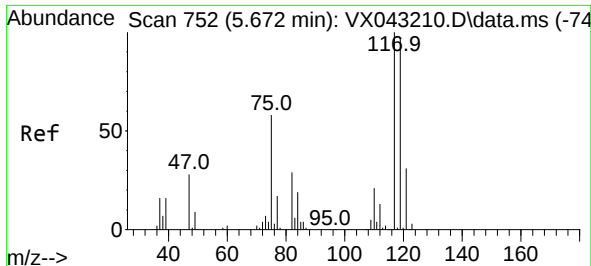
Tgt Ion: 75 Resp: 6824
Ion Ratio Lower Upper
75 100
110 9.1 17.8 53.3#
77 0.0 24.9 37.3#



#37
Ethyl Acetate
Concen: 0.768 ug/l
RT: 4.751 min Scan# 601
Delta R.T. 0.037 min
Lab File: VX043321.D
Acq: 08 Oct 2024 13:13

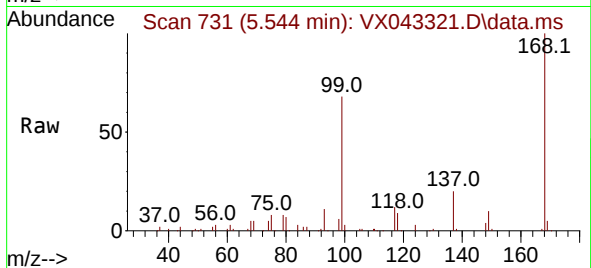
Tgt Ion: 43 Resp: 1217
Ion Ratio Lower Upper
43 100
61 0.0 11.0 16.4#
70 0.0 8.9 13.3#



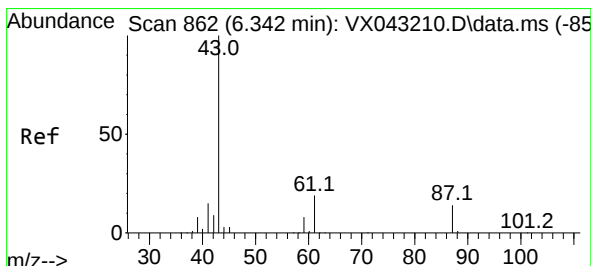
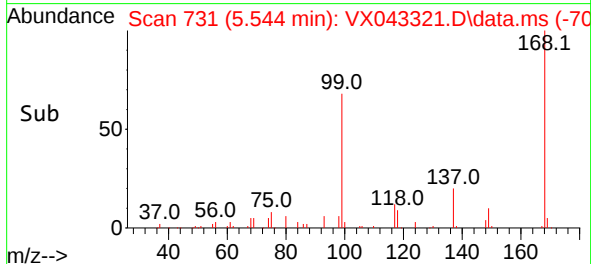
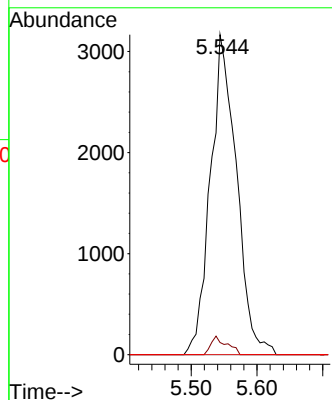


#38
Carbon Tetrachloride
Concen: 5.612 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX043321.D
Acq: 08 Oct 2024 13:13

Instrument :
MSVOA_X
ClientSampleId :

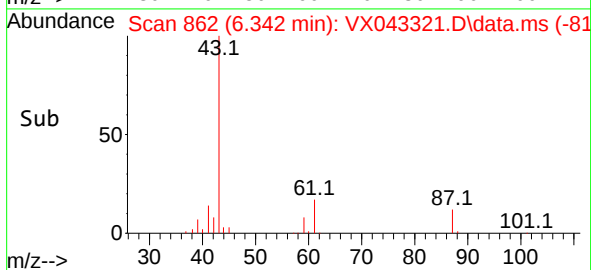
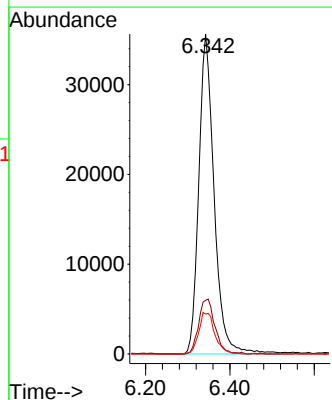
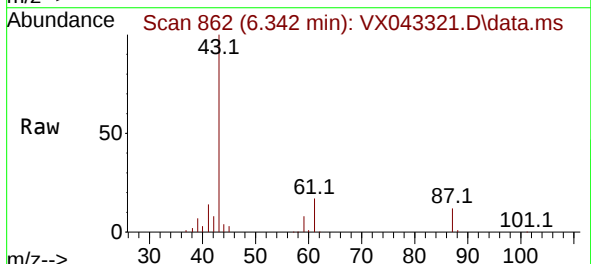


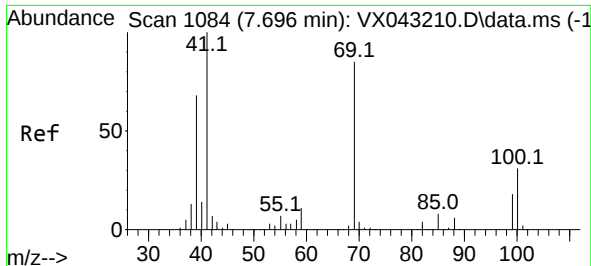
Tgt Ion:117 Resp: 8761
Ion Ratio Lower Upper
117 100
119 3.8 77.7 116.5#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: 34.449 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX043321.D
Acq: 08 Oct 2024 13:13

Tgt Ion: 43 Resp: 90109
Ion Ratio Lower Upper
43 100
61 18.0 15.1 22.7
87 13.6 10.8 16.2





#48

Methyl methacrylate

Concen: 60.374 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.104 min

Lab File: VX043321.D

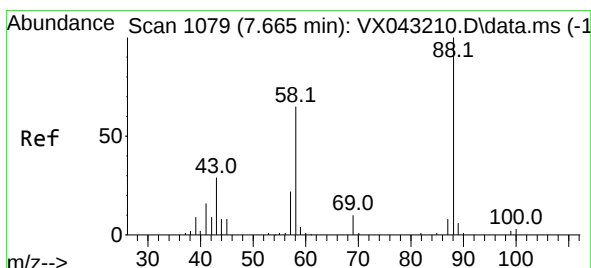
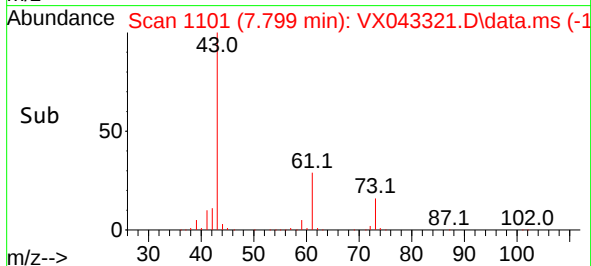
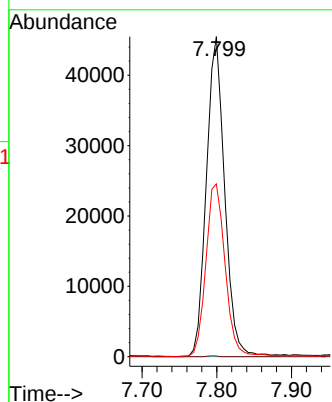
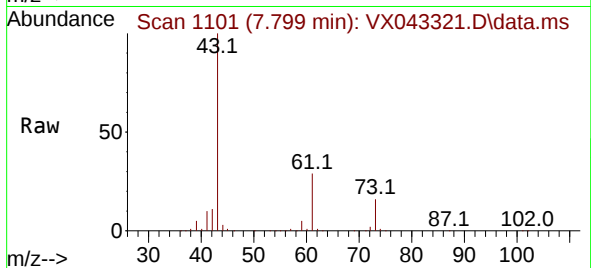
Acq: 08 Oct 2024 13:13

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	41	Resp:	77487
Ion	Ratio	Lower	Upper
41	100		
69	0.1	64.1	96.1#
39	57.1	52.8	79.2



#49

1,4-Dioxane

Concen: 1.683 ug/l

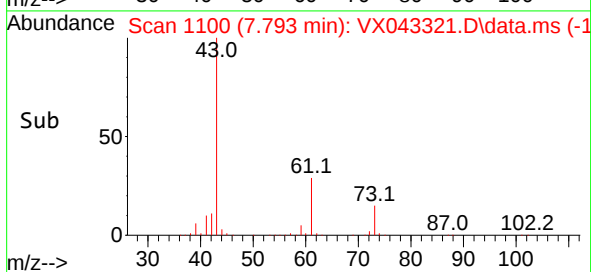
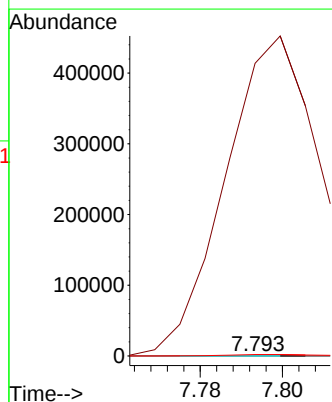
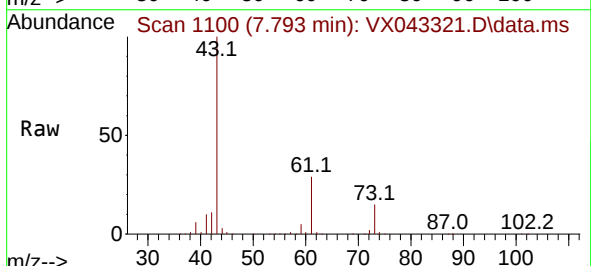
RT: 7.793 min Scan# 1100

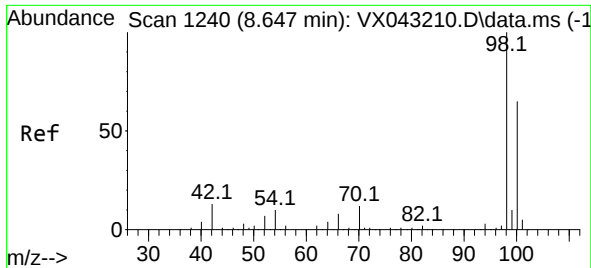
Delta R.T. 0.128 min

Lab File: VX043321.D

Acq: 08 Oct 2024 13:13

Tgt Ion:	88	Resp:	42
Ion	Ratio	Lower	Upper
88	100		
43	0.0	29.5	44.3#
58	8111.9	55.2	82.8#

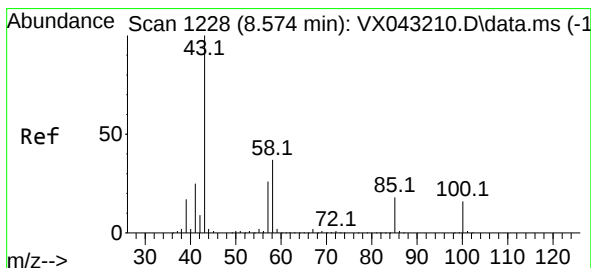
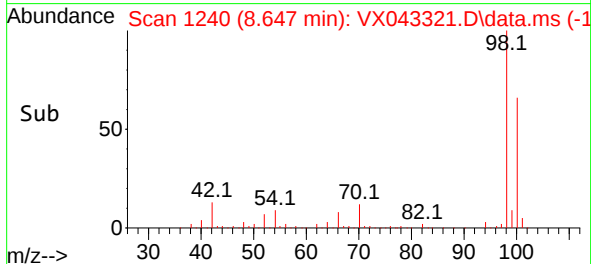
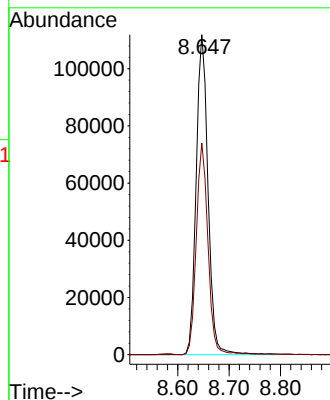
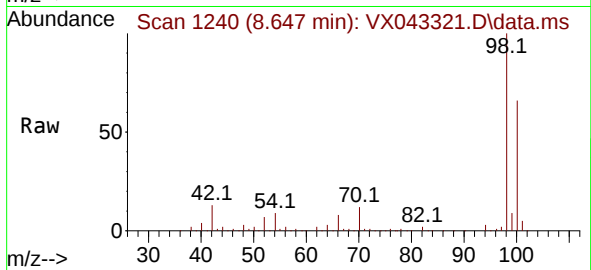




#50
Toluene-d8
Concen: 49.695 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043321.D
Acq: 08 Oct 2024 13:13

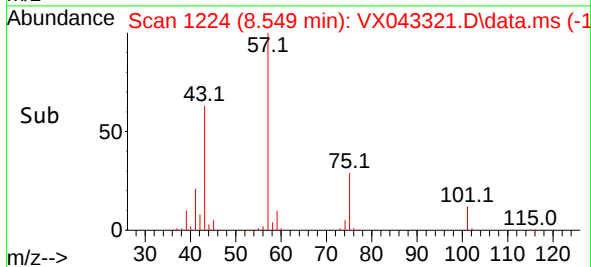
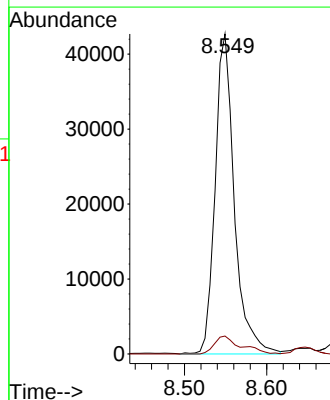
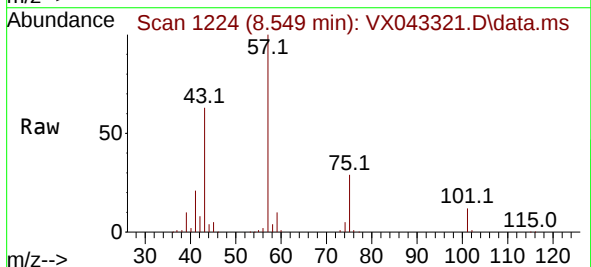
Instrument :
MSVOA_X
ClientSampleId :

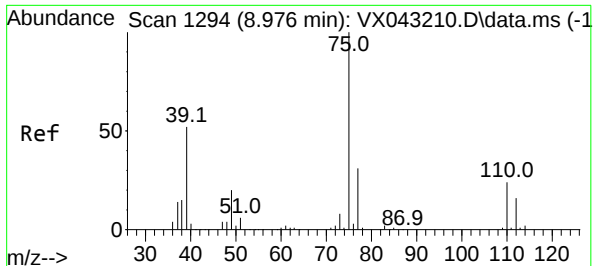
Tgt Ion: 98 Resp: 179773
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 43.545 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX043321.D
Acq: 08 Oct 2024 13:13

Tgt Ion: 43 Resp: 69179
Ion Ratio Lower Upper
43 100
58 7.7 30.0 45.0#





#53

t-1,3-Dichloropropene

Concen: 0.303 ug/l

RT: 8.952 min Scan# 11

Delta R.T. -0.024 min

Lab File: VX043321.D

Acq: 08 Oct 2024 13:13

Instrument :

MSVOA_X

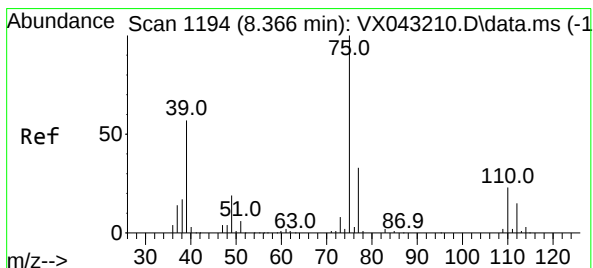
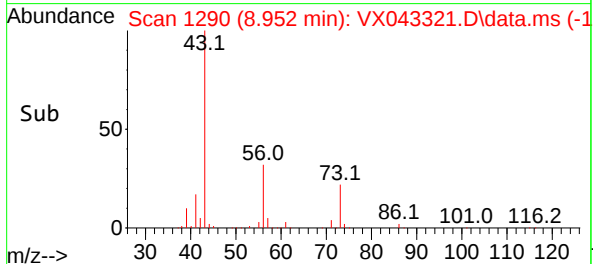
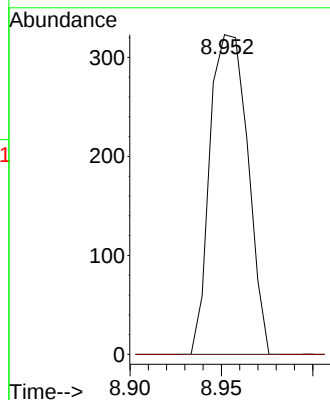
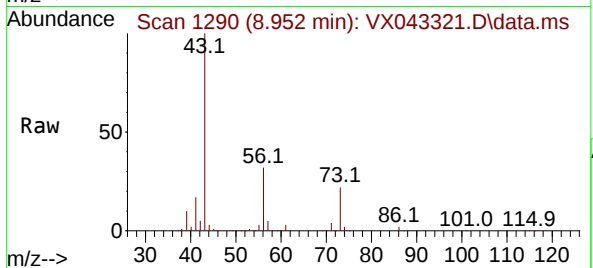
ClientSampleId :

Tgt Ion: 75 Resp: 465

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#



#54

cis-1,3-Dichloropropene

Concen: 17.622 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.183 min

Lab File: VX043321.D

Acq: 08 Oct 2024 13:13

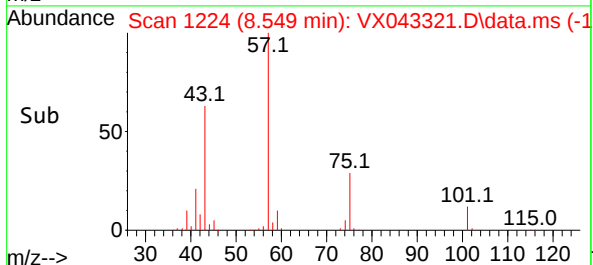
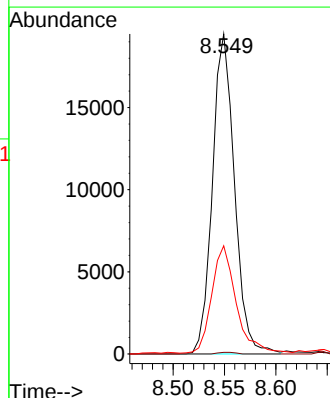
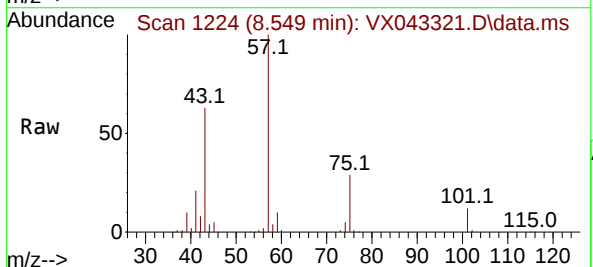
Tgt Ion: 75 Resp: 29032

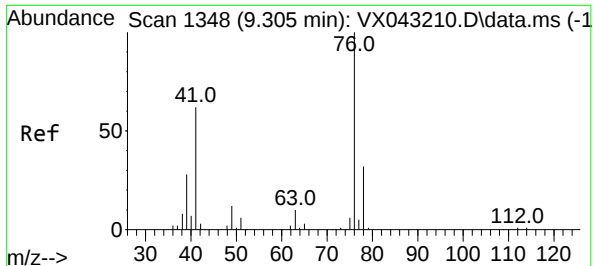
Ion Ratio Lower Upper

75 100

77 0.5 26.0 39.0#

39 33.5 45.8 68.8#





#57

1,3-Dichloropropane

Concen: 2.047 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.177 min

Lab File: VX043321.D

Acq: 08 Oct 2024 13:13

Instrument :

MSVOA_X

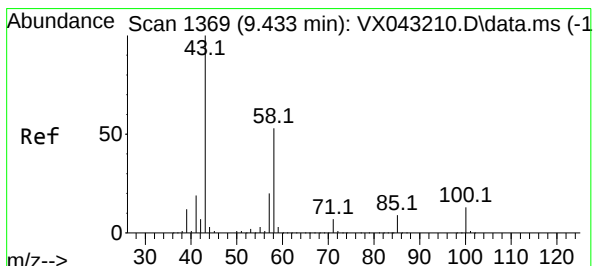
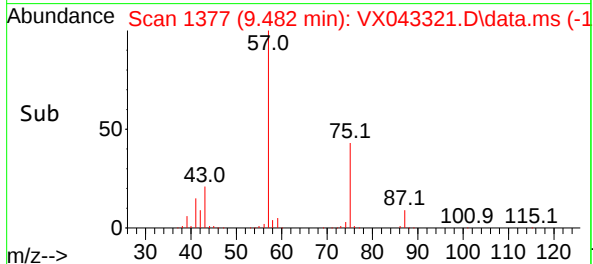
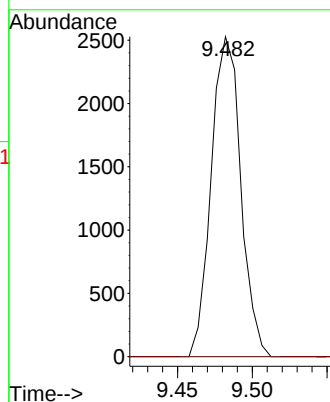
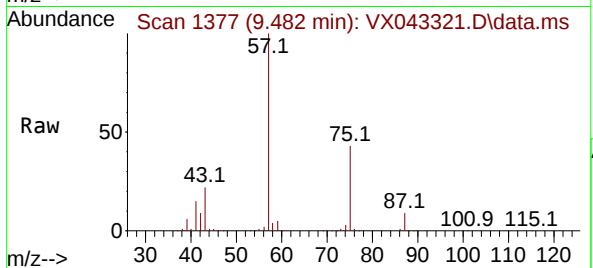
ClientSampleId :

Tgt Ion: 76 Resp: 3472

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#



#59

2-Hexanone

Concen: 44.959 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX043321.D

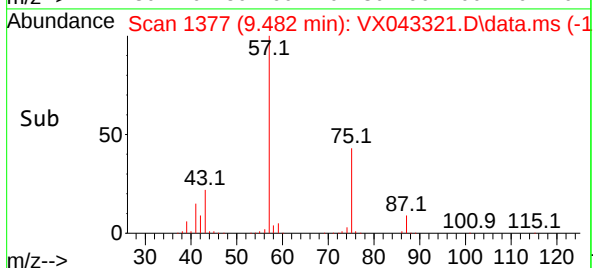
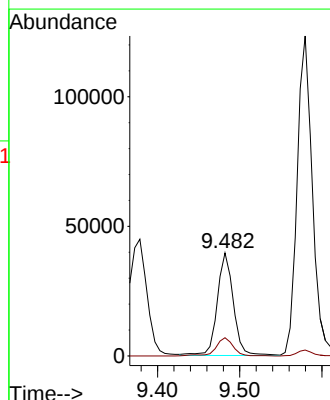
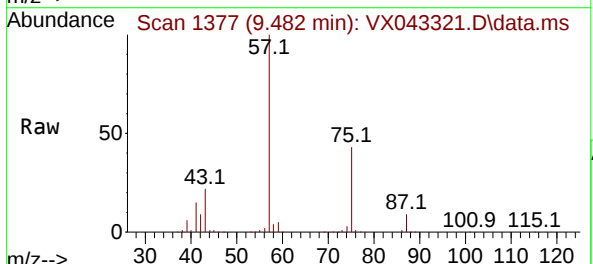
Acq: 08 Oct 2024 13:13

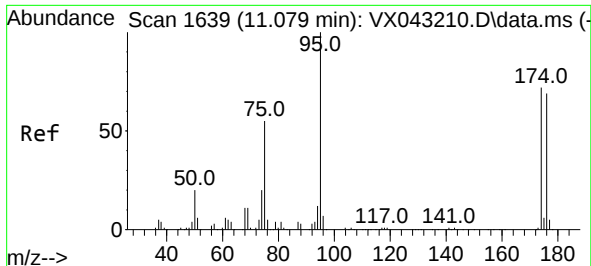
Tgt Ion: 43 Resp: 54013

Ion Ratio Lower Upper

43 100

58 19.2 26.1 78.3#

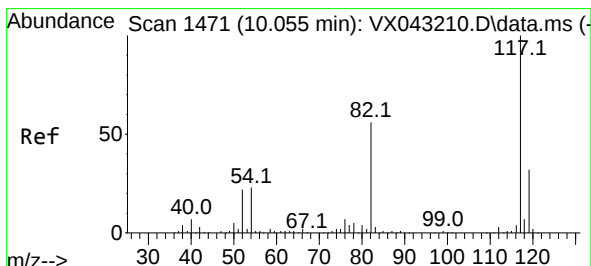
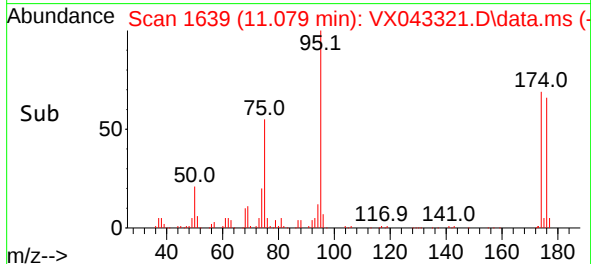
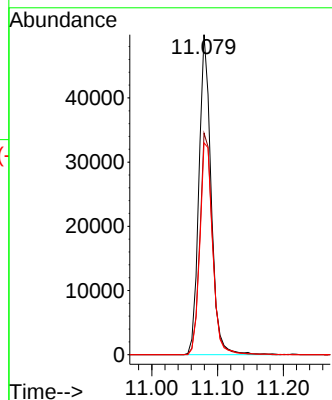
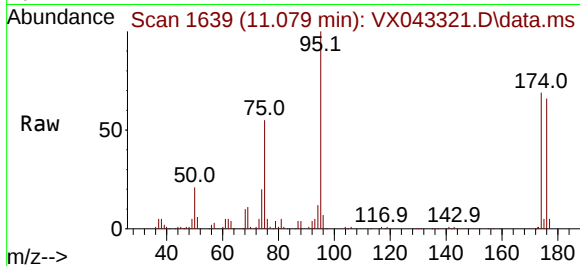




#62
4-Bromofluorobenzene
Concen: 48.693 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043321.D
Acq: 08 Oct 2024 13:13

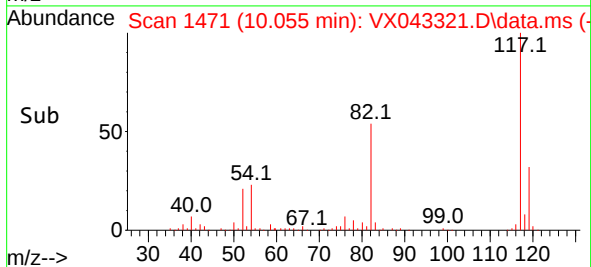
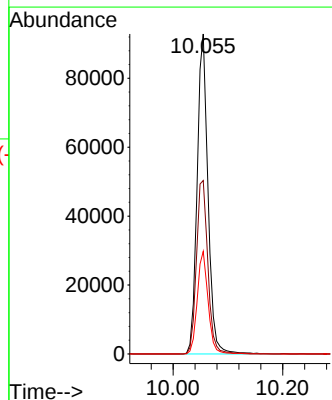
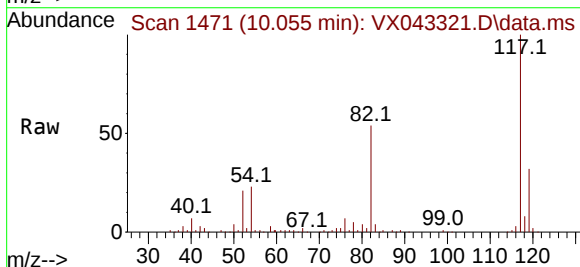
Instrument :
MSVOA_X
ClientSampleId :

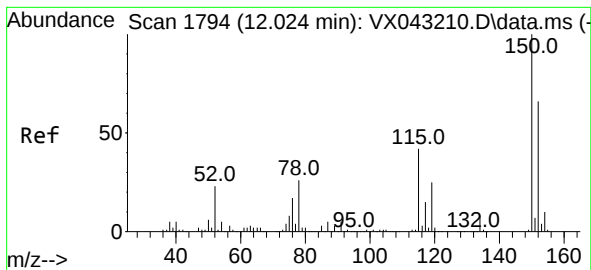
Tgt Ion: 95 Resp: 63993
Ion Ratio Lower Upper
95 100
174 72.2 0.0 145.0
176 69.9 0.0 143.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043321.D
Acq: 08 Oct 2024 13:13

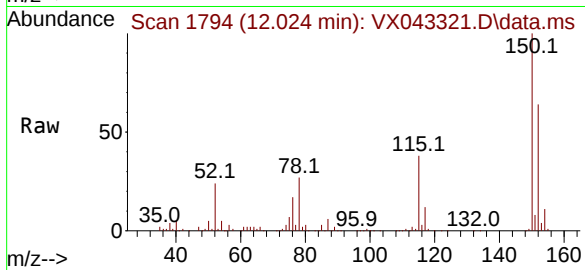
Tgt Ion: 117 Resp: 128365
Ion Ratio Lower Upper
117 100
82 54.2 45.0 67.6
119 32.0 25.3 37.9



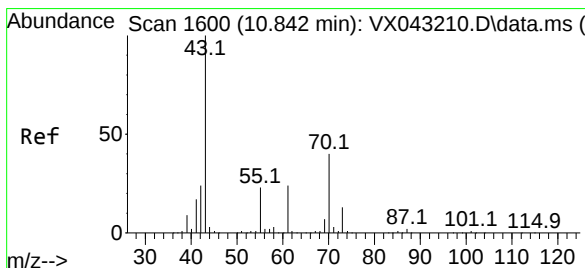
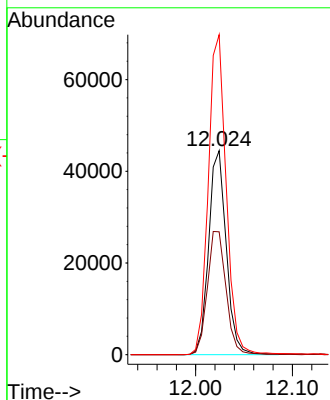
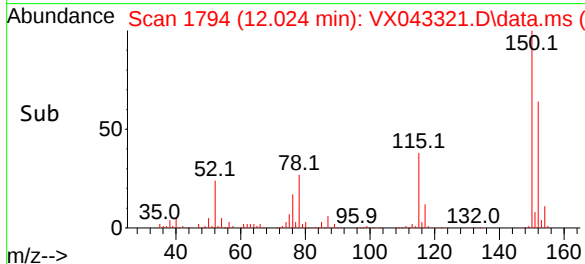


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX043321.D
 Acq: 08 Oct 2024 13:13

Instrument :
 MSVOA_X
 ClientSampleId :

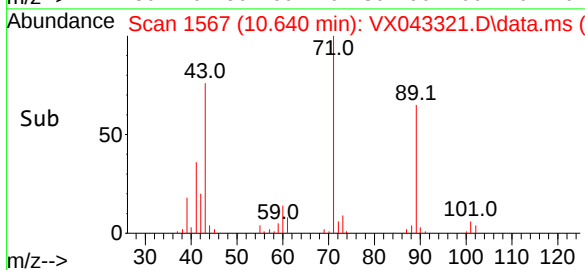
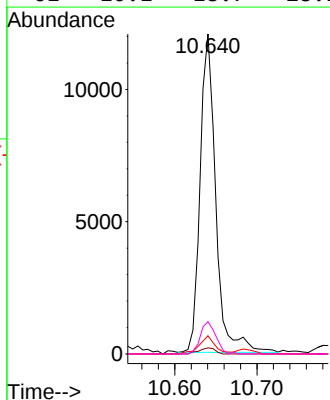
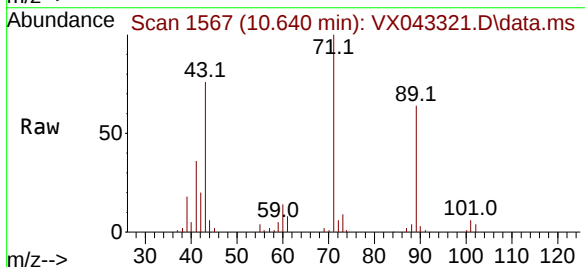


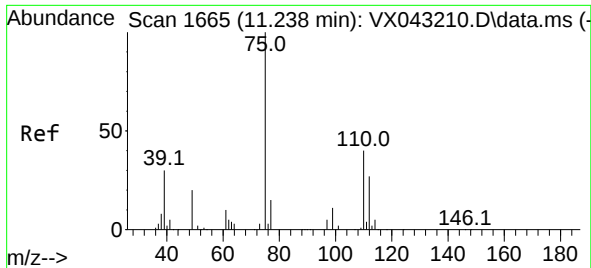
Tgt Ion:152 Resp: 56445
 Ion Ratio Lower Upper
 152 100
 115 64.0 44.1 132.3
 150 159.8 0.0 347.4



#74
 N-ethyl acetate
 Concen: 7.662 ug/l
 RT: 10.640 min Scan# 1567
 Delta R.T. -0.201 min
 Lab File: VX043321.D
 Acq: 08 Oct 2024 13:13

Tgt Ion: 43 Resp: 15961
 Ion Ratio Lower Upper
 43 100
 70 1.9 33.1 49.7#
 55 5.9 18.6 27.8#
 61 10.1 18.7 28.1#

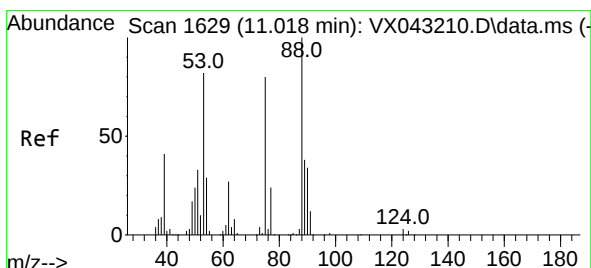
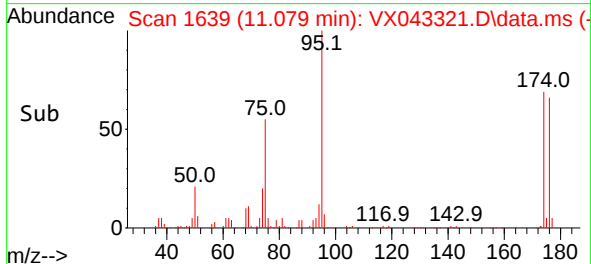
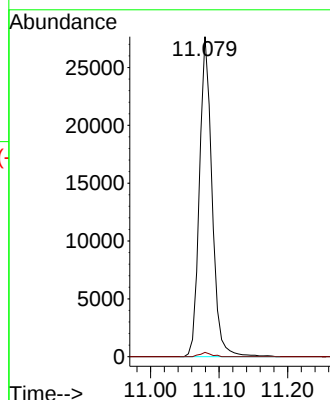
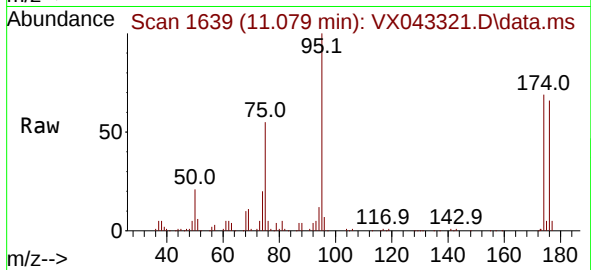




#76
1,2,3-Trichloropropane
Concen: 28.369 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX043321.D
Acq: 08 Oct 2024 13:13

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 35518
Ion Ratio Lower Upper
75 100
77 1.2 22.0 66.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.522 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043321.D
Acq: 08 Oct 2024 13:13

Tgt Ion: 75 Resp: 35518
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.0 38.6 58.0#

