

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102124\
 Data File : VX043469.D
 Acq On : 21 Oct 2024 20:49
 Operator : JC/MD
 Sample : PB164262TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 22 02:46:21 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

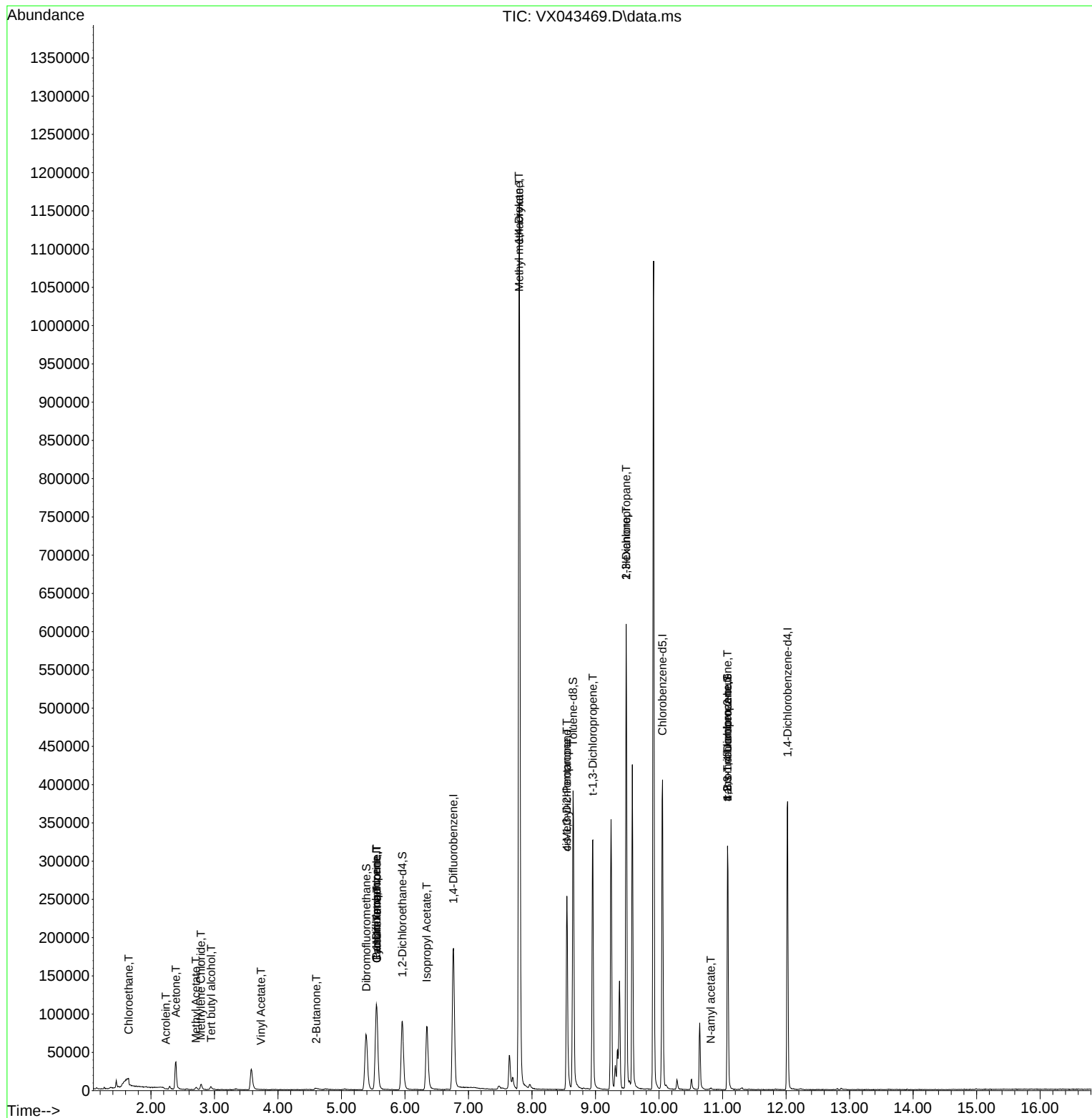
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	104132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	193543	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	174834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79745	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	93290	54.856	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.720%	
35) Dibromofluoromethane	5.391	113	64594	48.394	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.780%	
50) Toluene-d8	8.647	98	230621	49.858	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.720%	
62) 4-Bromofluorobenzene	11.079	95	88028	52.385	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.760%	
Target Compounds						Qvalue
6) Chloroethane	1.648	64	186	0.400	ug/l #	37
11) Tert butyl alcohol	2.946	59	2773	8.569	ug/l #	71
13) Acrolein	2.233	56	130	0.425	ug/l	84
16) Acetone	2.392	43	45619	64.234	ug/l	96
18) Methyl Acetate	2.709	43	3947	2.215	ug/l	96
20) Methylene Chloride	2.788	84	3734	2.852	ug/l #	85
23) Vinyl Acetate	3.733	43	123	6.368	ug/l #	71
25) 2-Butanone	4.605	43	3580	3.676	ug/l	90
31) Cyclohexane	5.556	56	2477	1.350	ug/l #	38
36) 1,1-Dichloropropene	5.550	75	8762	5.196	ug/l #	49
38) Carbon Tetrachloride	5.556	117	11624	5.823	ug/l #	15
43) Isopropyl Acetate	6.342	43	119862	35.837	ug/l	99
48) Methyl methacrylate	7.799	41	104923	63.935	ug/l #	44
49) 1,4-Dioxane	7.793	88	205	6.426	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	94307	46.425	ug/l #	47
53) t-1,3-Dichloropropene	8.958	75	741	0.377	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	40176	19.072	ug/l #	59
57) 1,3-Dichloropropane	9.482	76	5552	2.560	ug/l #	43
59) 2-Hexanone	9.482	43	73887	48.099	ug/l #	53
74) N-amyl acetate	10.817	43	893	0.303	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	47327	26.756	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	47327	69.342	ug/l #	8

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

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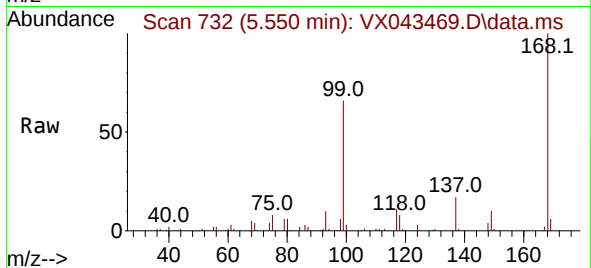


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043469.D
Acq: 21 Oct 2024 20:49

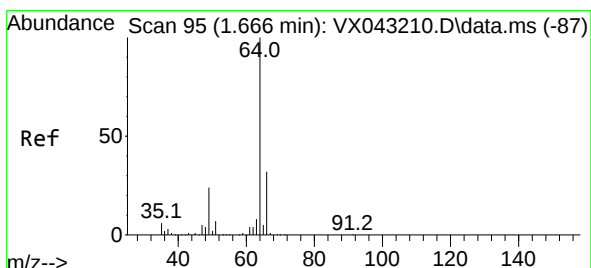
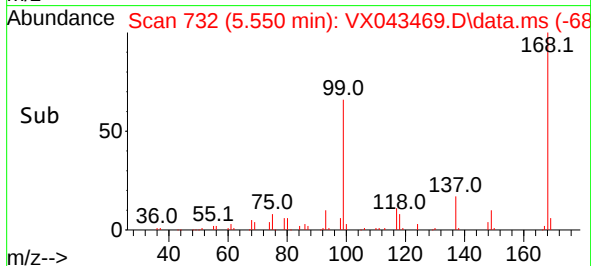
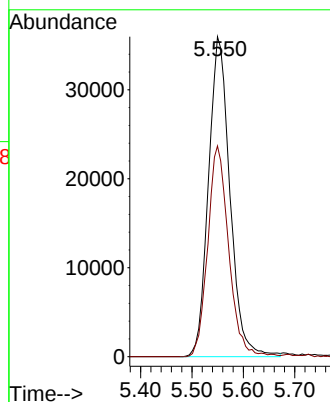
Instrument :

MSVOA_X

ClientSampleId :

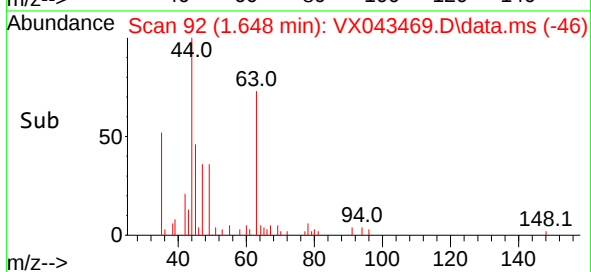
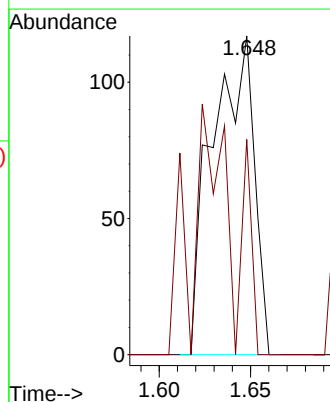
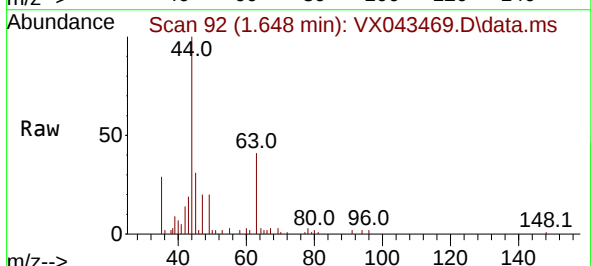


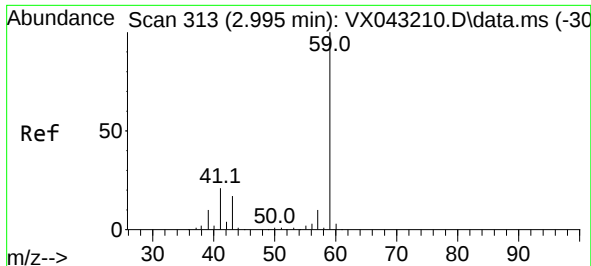
Tgt Ion:168 Resp: 104132
Ion Ratio Lower Upper
168 100
99 65.8 49.7 74.5



#6
Chloroethane
Concen: 0.400 ug/l
RT: 1.648 min Scan# 92
Delta R.T. -0.018 min
Lab File: VX043469.D
Acq: 21 Oct 2024 20:49

Tgt Ion: 64 Resp: 186
Ion Ratio Lower Upper
64 100
66 67.5 25.8 38.8#

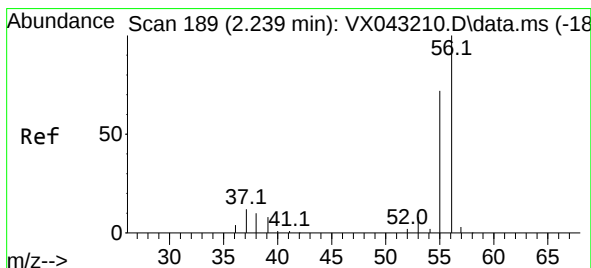
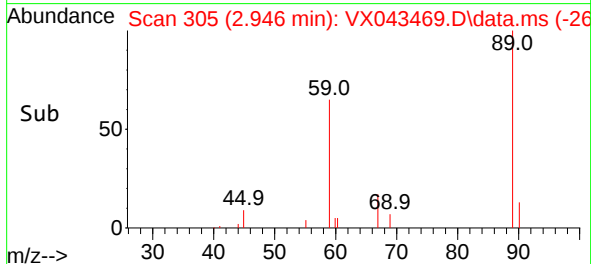
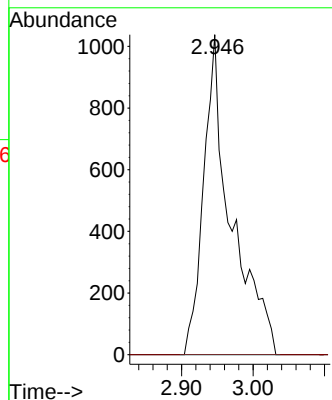
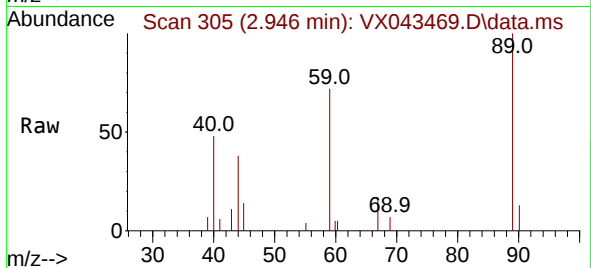




#11
Tert butyl alcohol
Concen: 8.569 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.049 min
Lab File: VX043469.D
Acq: 21 Oct 2024 20:49

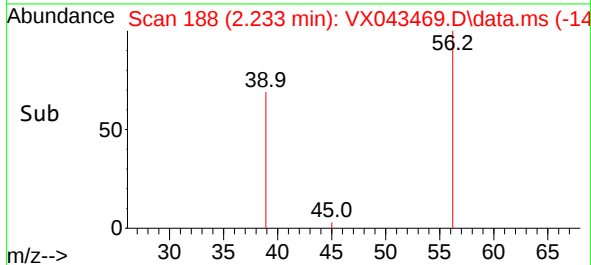
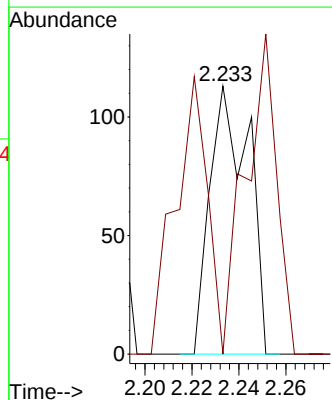
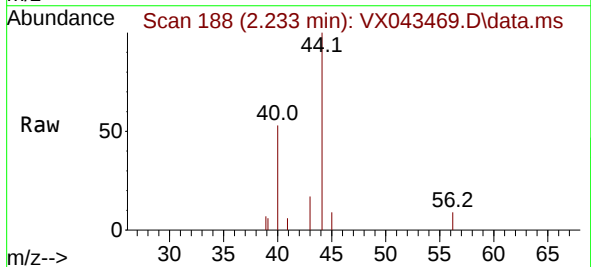
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 2773
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#



#13
Acrolein
Concen: 0.425 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX043469.D
Acq: 21 Oct 2024 20:49

Tgt Ion: 56 Resp: 130
Ion Ratio Lower Upper
56 100
55 85.4 57.4 86.0





#16

Acetone

Concen: 64.234 ug/l

RT: 2.392 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX043469.D

Acq: 21 Oct 2024 20:49

Instrument :

MSVOA_X

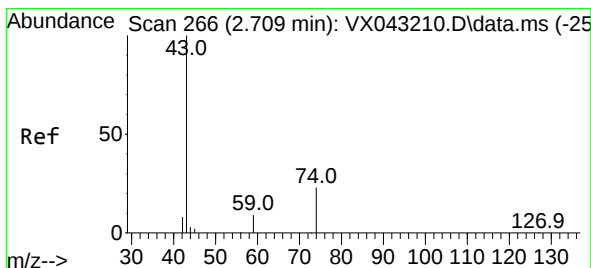
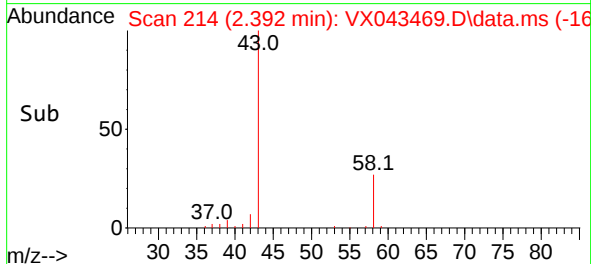
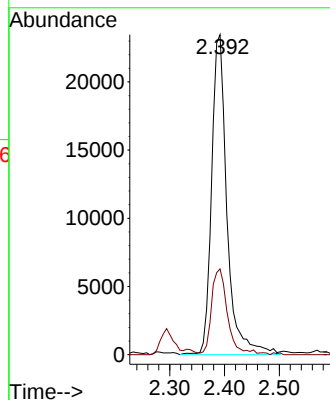
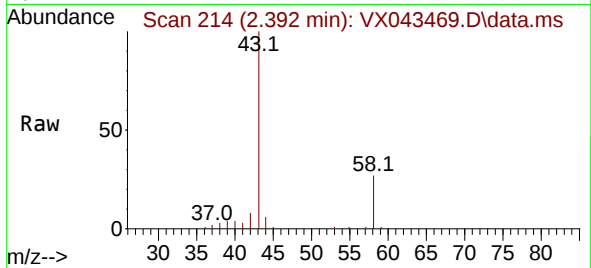
ClientSampleId :

Tgt Ion: 43 Resp: 45619

Ion Ratio Lower Upper

43 100

58 26.2 22.6 33.8



#18

Methyl Acetate

Concen: 2.215 ug/l

RT: 2.709 min Scan# 266

Delta R.T. -0.000 min

Lab File: VX043469.D

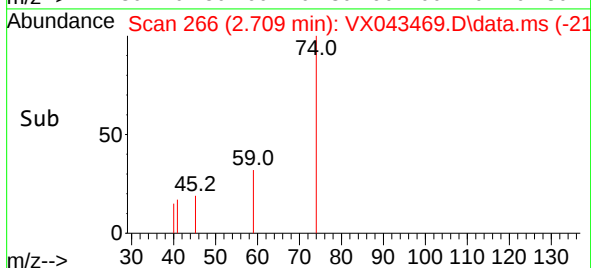
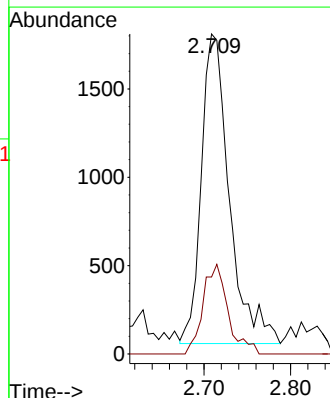
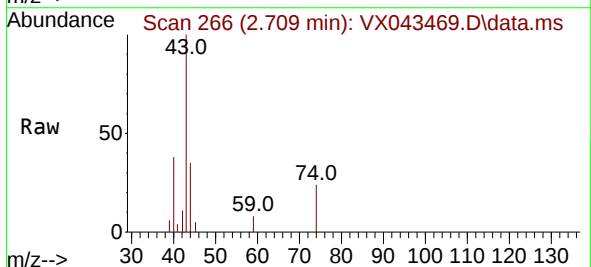
Acq: 21 Oct 2024 20:49

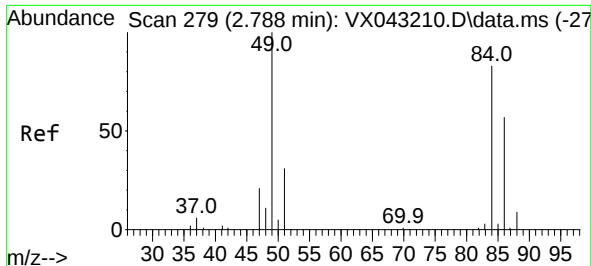
Tgt Ion: 43 Resp: 3947

Ion Ratio Lower Upper

43 100

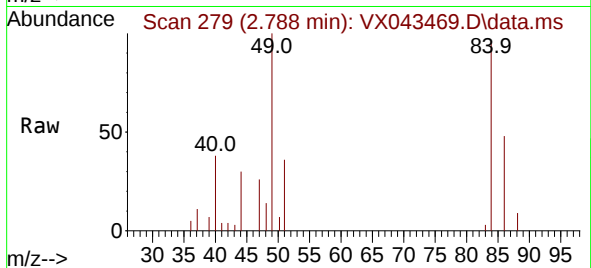
74 25.8 19.1 28.7



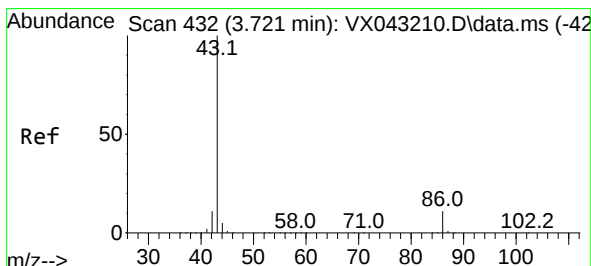
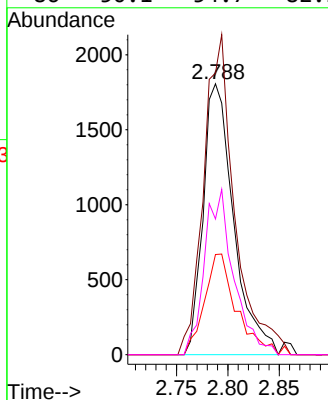
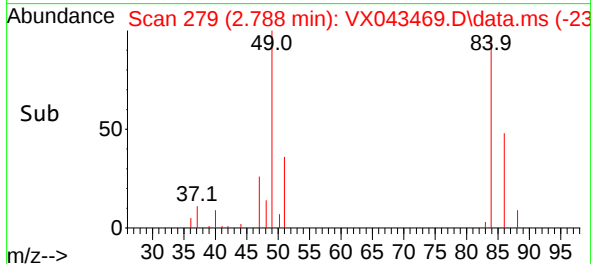


#20
Methylene Chloride
Concen: 2.852 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX043469.D
Acq: 21 Oct 2024 20:49

Instrument :
MSVOA_X
ClientSampleId :

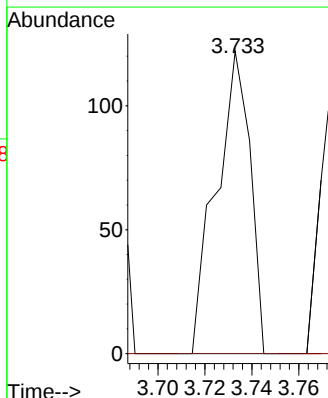
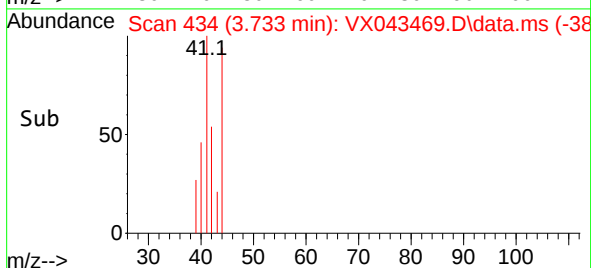
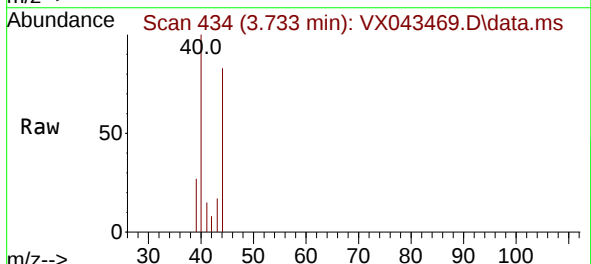


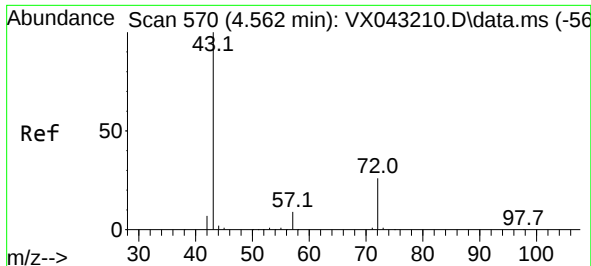
Tgt Ion:	84	Resp:	3734
Ion	Ratio	Lower	Upper
84	100		
49	103.9	96.7	145.1
51	37.0	30.4	45.6
86	50.1	54.7	82.1#



#23
Vinyl Acetate
Concen: 6.368 ug/l
RT: 3.733 min Scan# 434
Delta R.T. 0.012 min
Lab File: VX043469.D
Acq: 21 Oct 2024 20:49

Tgt Ion:	43	Resp:	123
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.8	13.2#





#25

2-Butanone

Concen: 3.676 ug/l

RT: 4.605 min Scan# 51

Delta R.T. 0.043 min

Lab File: VX043469.D

Acq: 21 Oct 2024 20:49

Instrument :

MSVOA_X

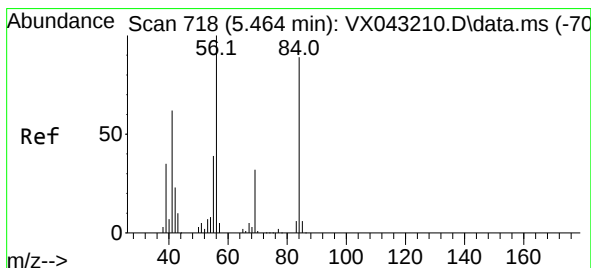
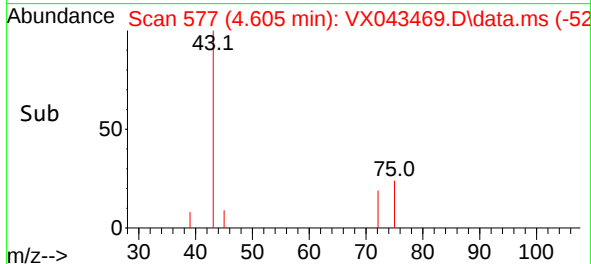
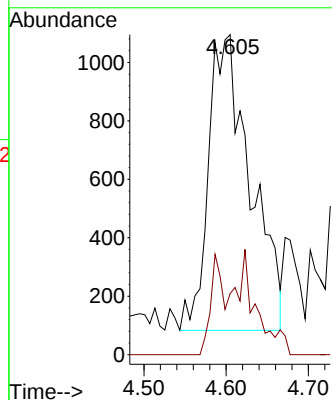
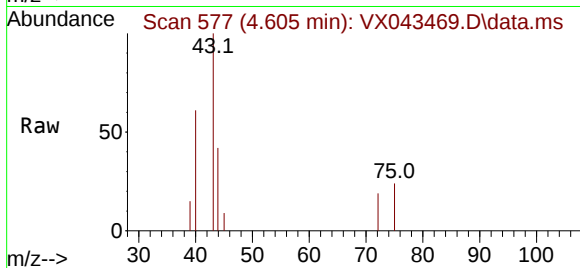
ClientSampleId :

Tgt Ion: 43 Resp: 3580

Ion Ratio Lower Upper

43 100

72 20.7 20.6 31.0



#31

Cyclohexane

Concen: 1.350 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.091 min

Lab File: VX043469.D

Acq: 21 Oct 2024 20:49

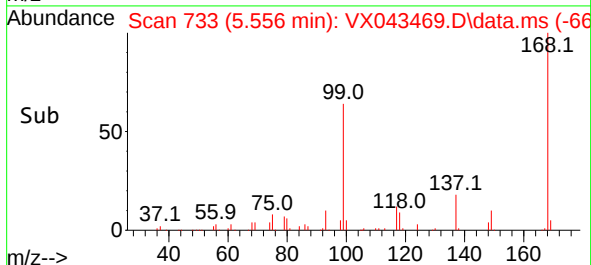
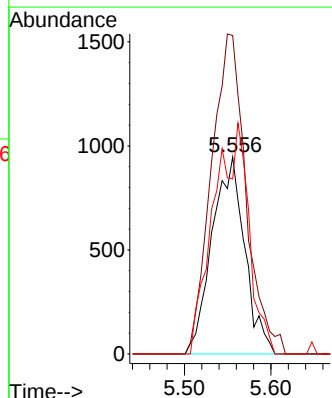
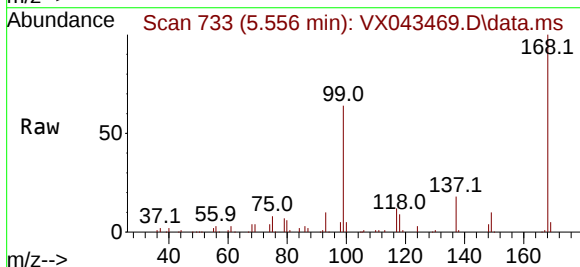
Tgt Ion: 56 Resp: 2477

Ion Ratio Lower Upper

56 100

69 161.6 25.8 38.6#

84 88.8 71.1 106.7





#33

1,2-Dichloroethane-d4

Concen: 54.856 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX043469.D

Acq: 21 Oct 2024 20:49

Instrument :

MSVOA_X

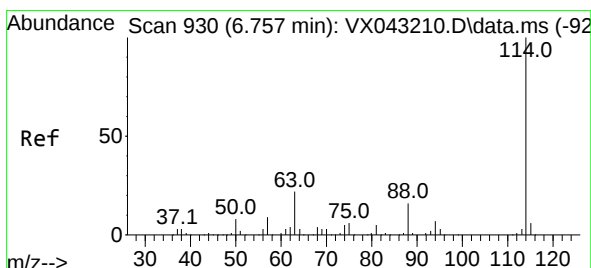
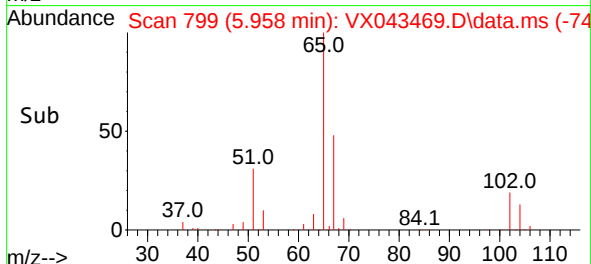
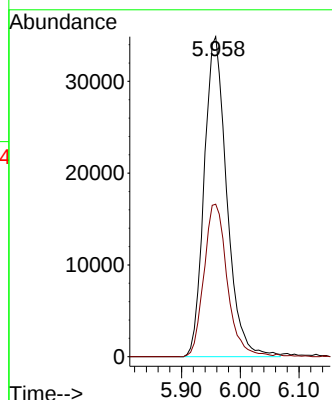
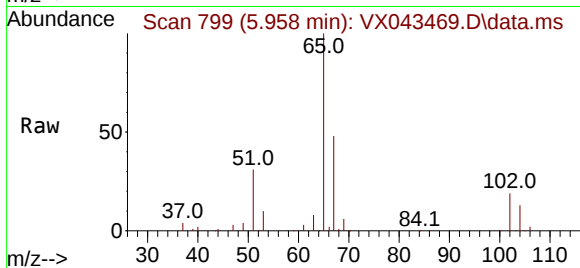
ClientSampleId :

Tgt Ion: 65 Resp: 93290

Ion Ratio Lower Upper

65 100

67 49.0 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX043469.D

Acq: 21 Oct 2024 20:49

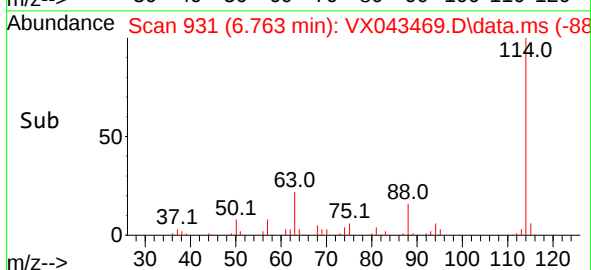
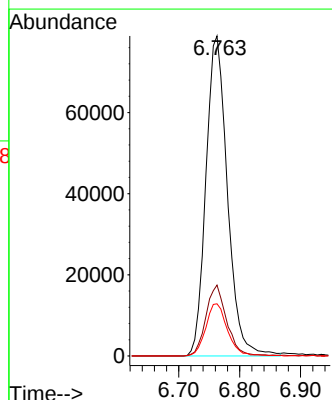
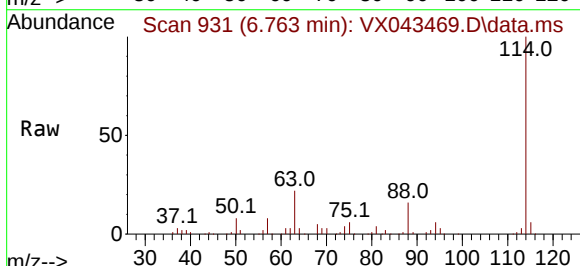
Tgt Ion: 114 Resp: 193543

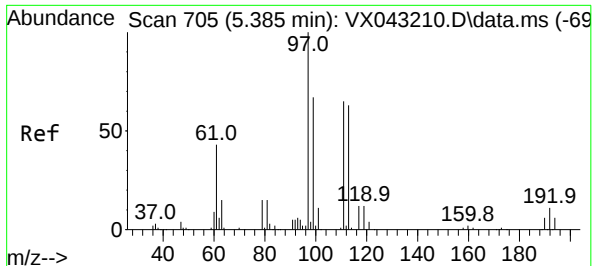
Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.0

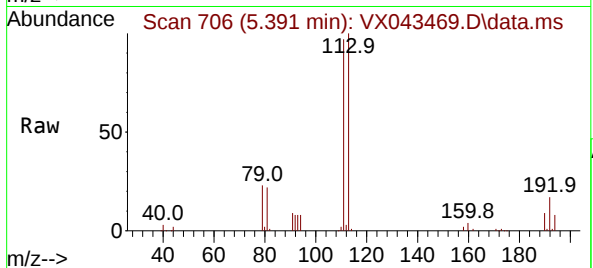
88 16.3 0.0 33.0



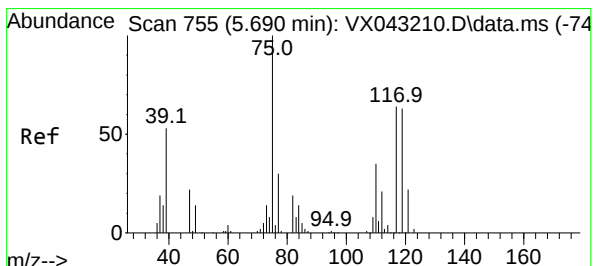
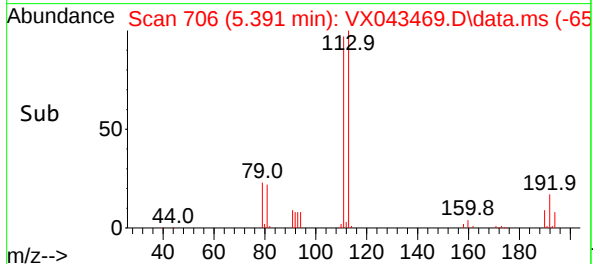
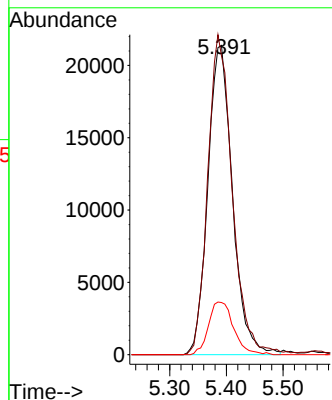


#35
Dibromofluoromethane
Concen: 48.394 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX043469.D
Acq: 21 Oct 2024 20:49

Instrument :
MSVOA_X
ClientSampleId :

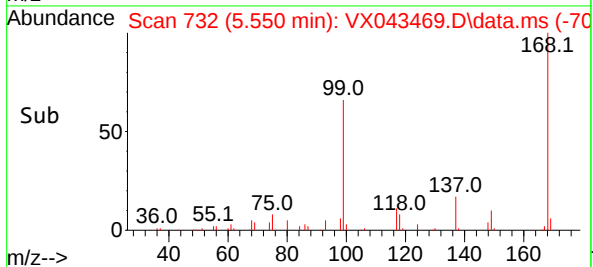
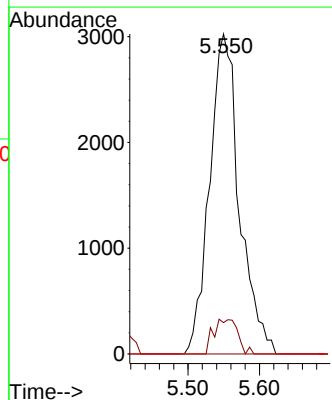
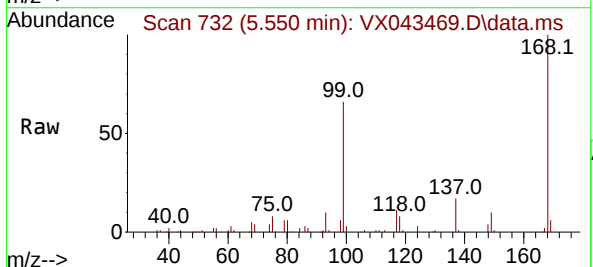


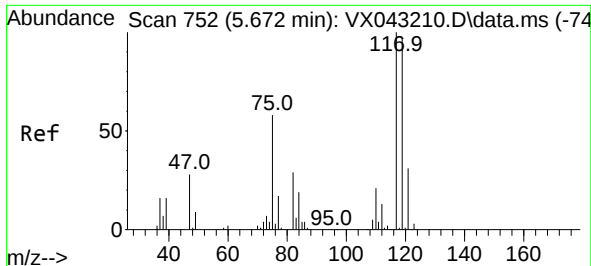
Tgt Ion:113 Resp: 64594
Ion Ratio Lower Upper
113 100
111 103.1 83.4 125.0
192 17.4 14.1 21.1



#36
1,1-Dichloropropene
Concen: 5.196 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX043469.D
Acq: 21 Oct 2024 20:49

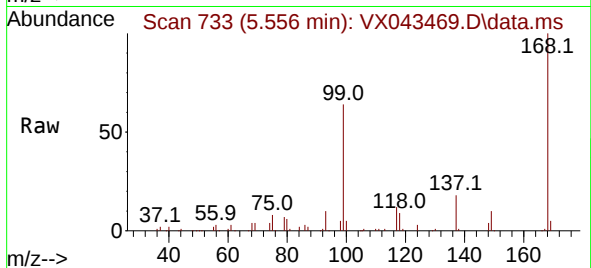
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Ion Ratio Lower Upper
75 100
110 8.8 17.8 53.3#
77 0.0 24.9 37.3#



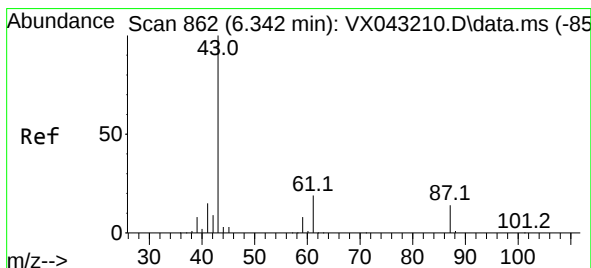
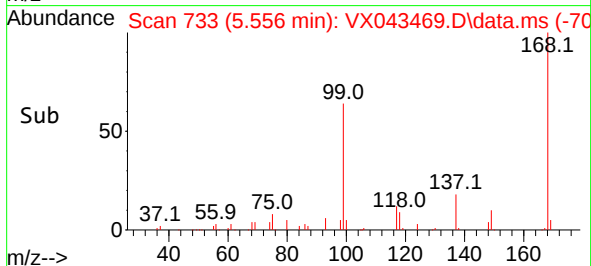
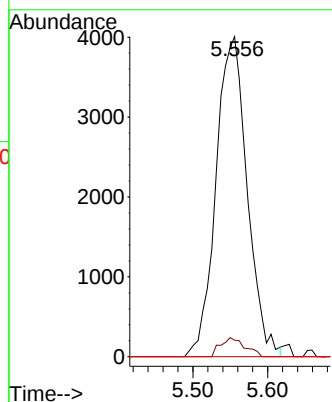


#38
Carbon Tetrachloride
Concen: 5.823 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.116 min
Lab File: VX043469.D
Acq: 21 Oct 2024 20:49

Instrument :
MSVOA_X
ClientSampleId :

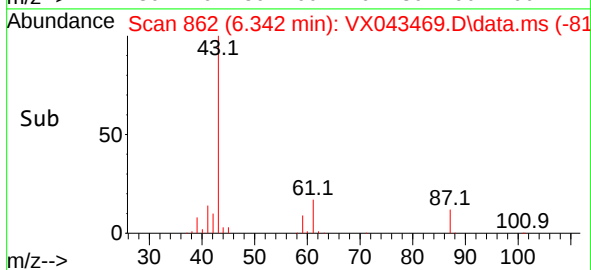
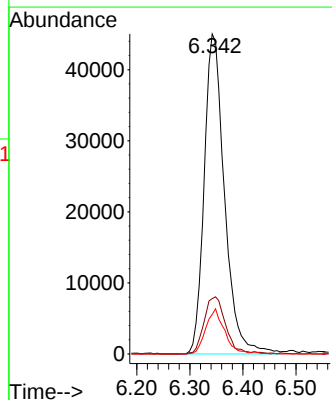
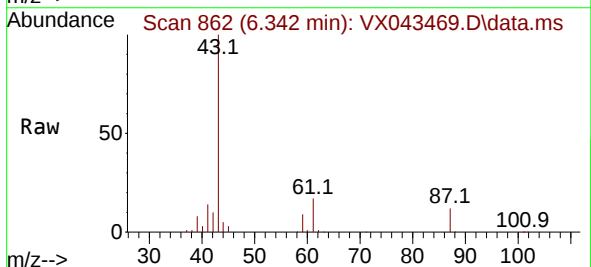


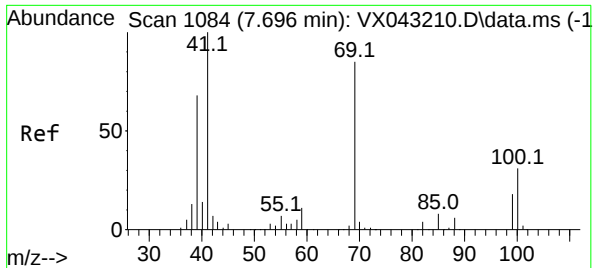
Tgt Ion:117 Resp: 11624
Ion Ratio Lower Upper
117 100
119 5.1 77.7 116.5#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: 35.837 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX043469.D
Acq: 21 Oct 2024 20:49

Tgt Ion: 43 Resp: 119862
Ion Ratio Lower Upper
43 100
61 18.7 15.1 22.7
87 12.9 10.8 16.2

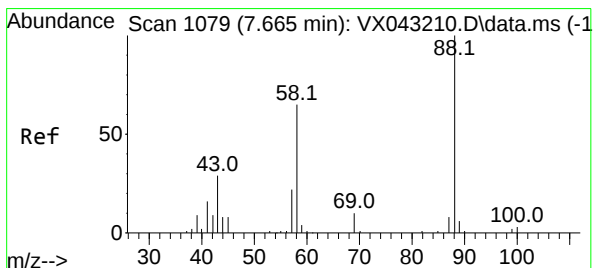
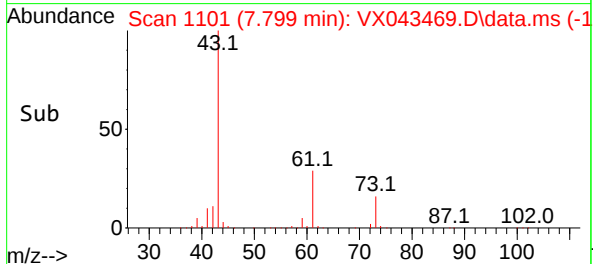
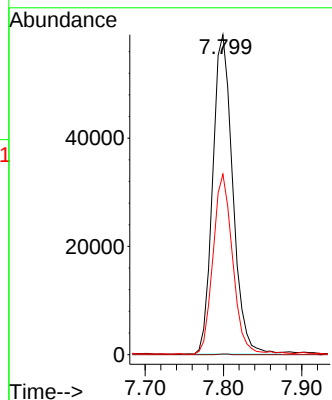
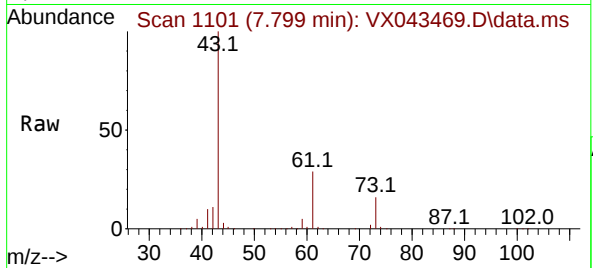




#48
Methyl methacrylate
Concen: 63.935 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.103 min
Lab File: VX043469.D
Acq: 21 Oct 2024 20:49

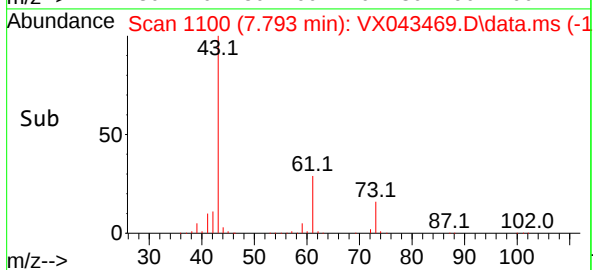
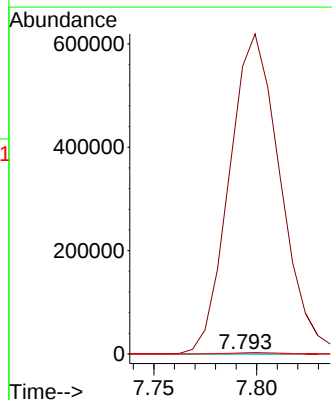
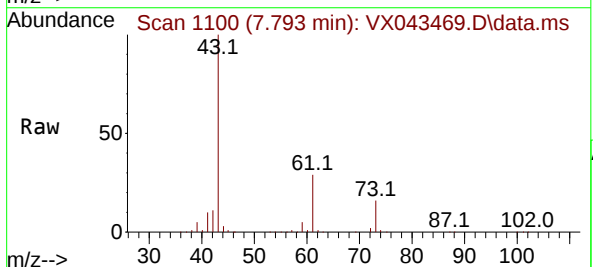
Instrument :
MSVOA_X
ClientSampleId :

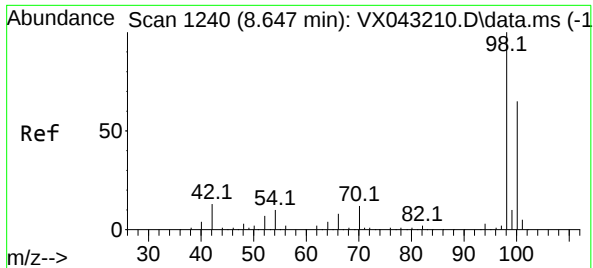
Tgt Ion: 41 Resp: 104923
Ion Ratio Lower Upper
41 100
69 0.1 64.1 96.1#
39 55.1 52.8 79.2



#49
1,4-Dioxane
Concen: 6.426 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.128 min
Lab File: VX043469.D
Acq: 21 Oct 2024 20:49

Tgt Ion: 88 Resp: 205
Ion Ratio Lower Upper
88 100
43 531424.9 29.5 44.3#
58 2352.7 55.2 82.8#

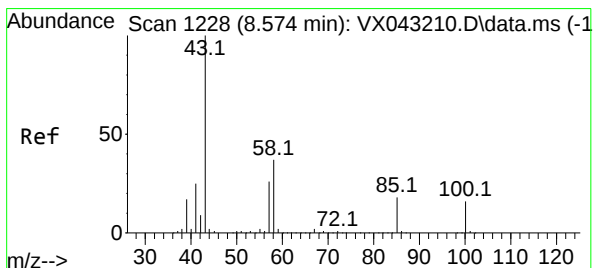
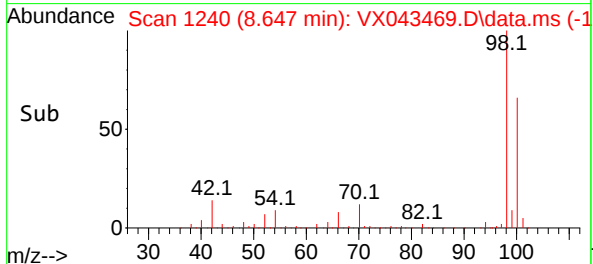
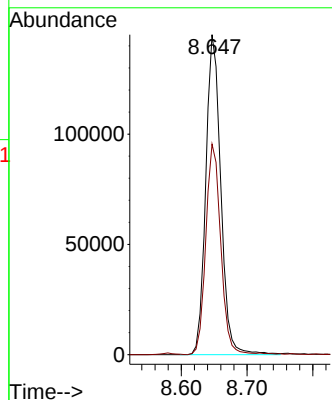
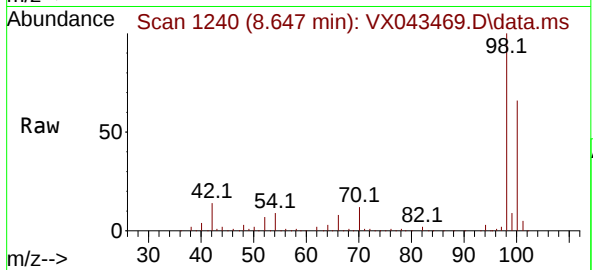




#50
Toluene-d8
Concen: 49.858 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043469.D
Acq: 21 Oct 2024 20:49

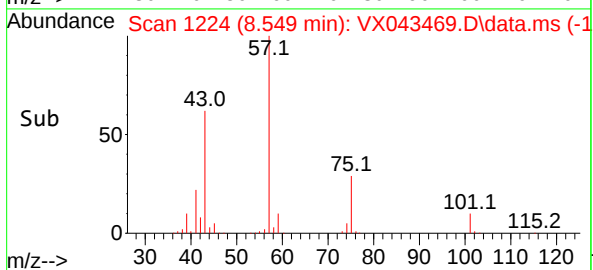
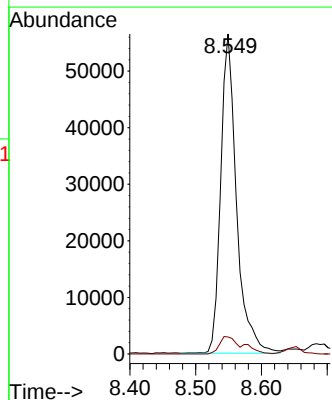
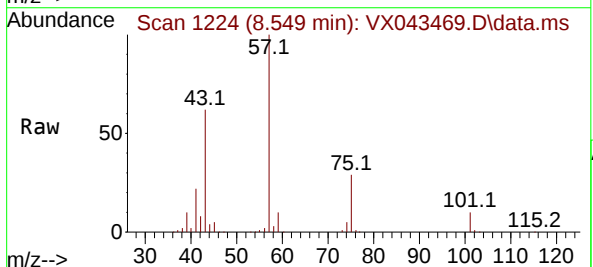
Instrument :
MSVOA_X
ClientSampleId :

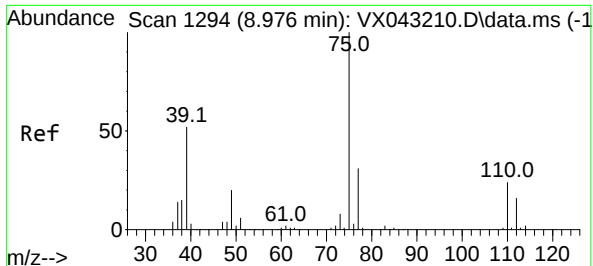
Tgt Ion: 98 Resp: 230621
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 46.425 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.025 min
Lab File: VX043469.D
Acq: 21 Oct 2024 20:49

Tgt Ion: 43 Resp: 94307
Ion Ratio Lower Upper
43 100
58 5.7 30.0 45.0#





#53

t-1,3-Dichloropropene

Concen: 0.377 ug/l

RT: 8.958 min Scan# 11

Delta R.T. -0.018 min

Lab File: VX043469.D

Acq: 21 Oct 2024 20:49

Instrument :

MSVOA_X

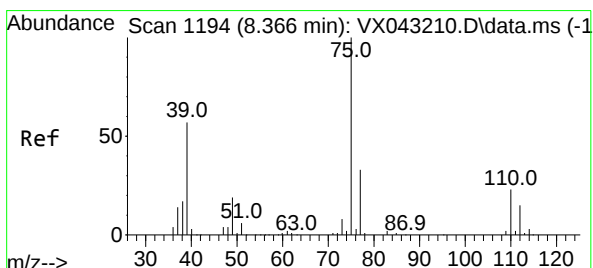
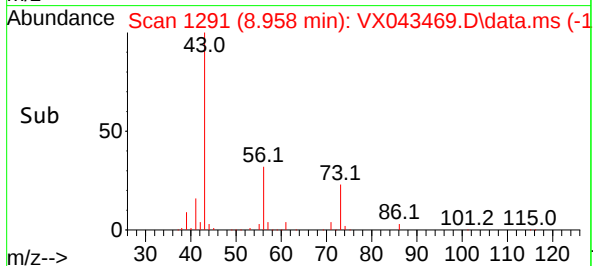
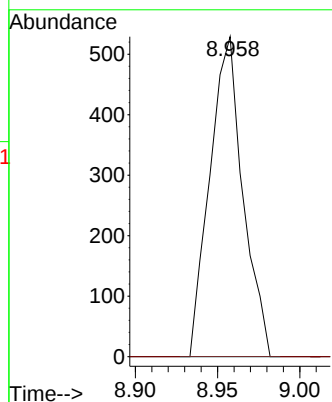
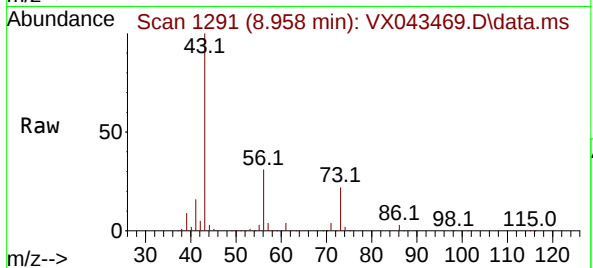
ClientSampleId :

Tgt Ion: 75 Resp: 741

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#



#54

cis-1,3-Dichloropropene

Concen: 19.072 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.183 min

Lab File: VX043469.D

Acq: 21 Oct 2024 20:49

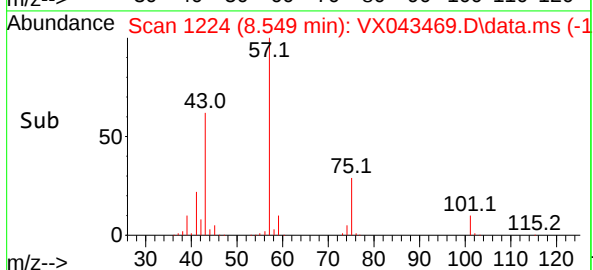
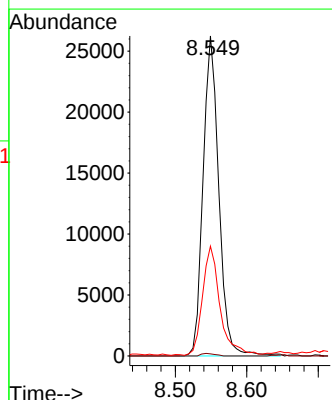
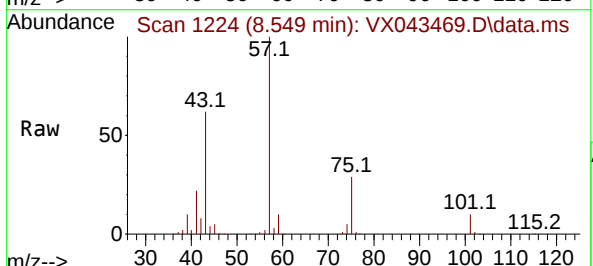
Tgt Ion: 75 Resp: 40176

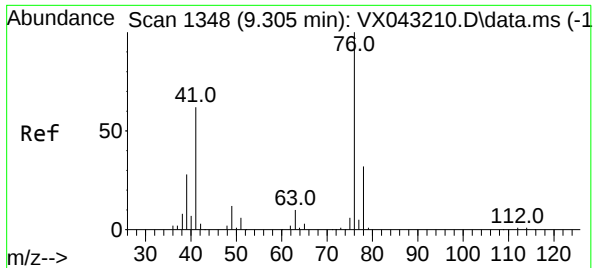
Ion Ratio Lower Upper

75 100

77 0.7 26.0 39.0#

39 33.9 45.8 68.8#





#57

1,3-Dichloropropane

Concen: 2.560 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.177 min

Lab File: VX043469.D

Acq: 21 Oct 2024 20:49

Instrument :

MSVOA_X

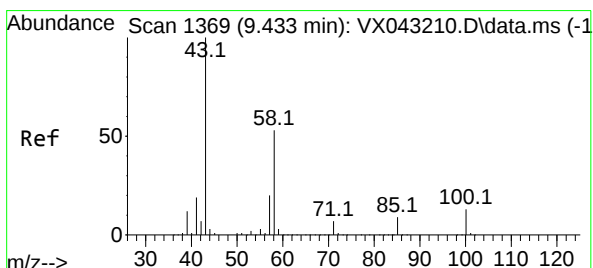
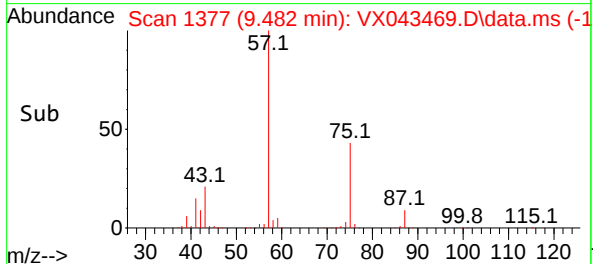
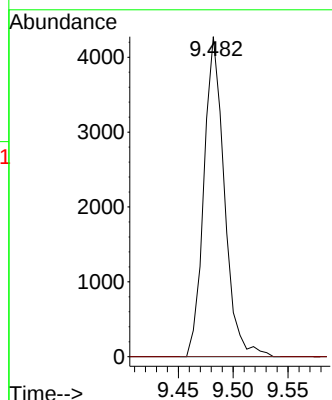
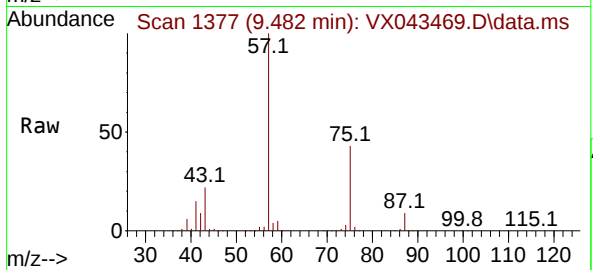
ClientSampleId :

Tgt Ion: 76 Resp: 5552

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#



#59

2-Hexanone

Concen: 48.099 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX043469.D

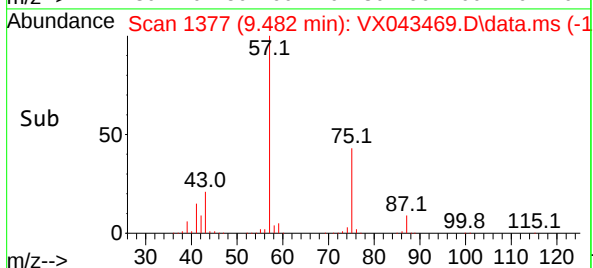
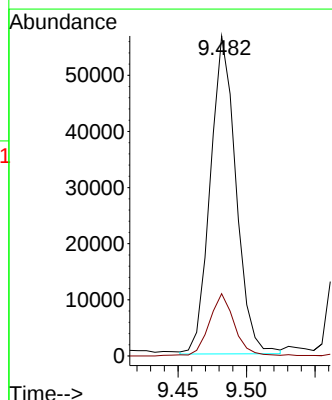
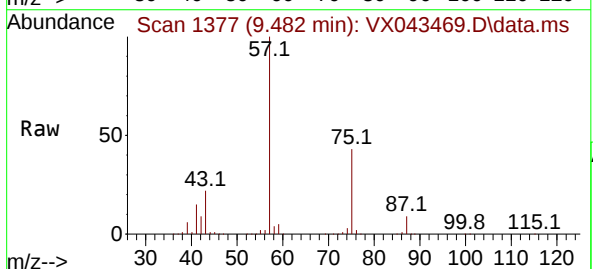
Acq: 21 Oct 2024 20:49

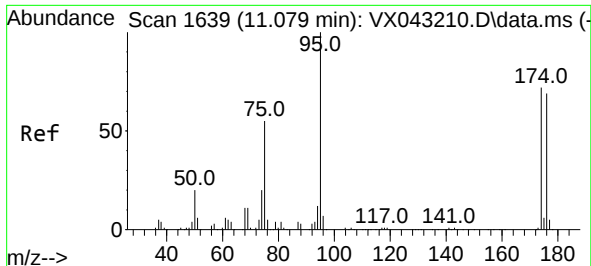
Tgt Ion: 43 Resp: 73887

Ion Ratio Lower Upper

43 100

58 19.4 26.1 78.3#

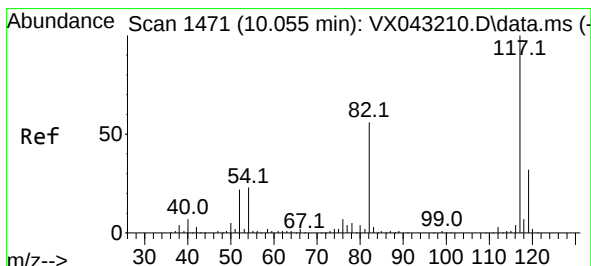
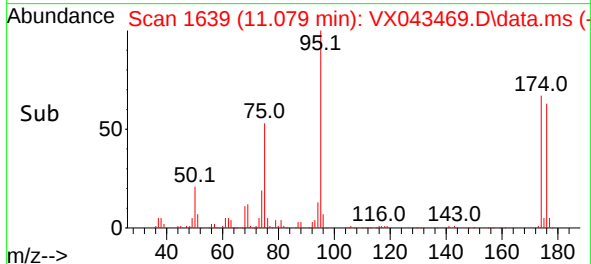
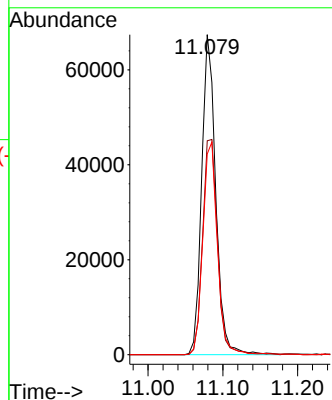
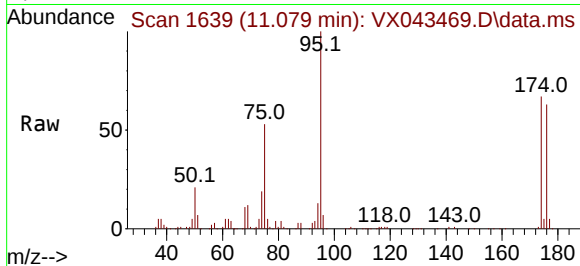




#62
4-Bromofluorobenzene
Concen: 52.385 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043469.D
Acq: 21 Oct 2024 20:49

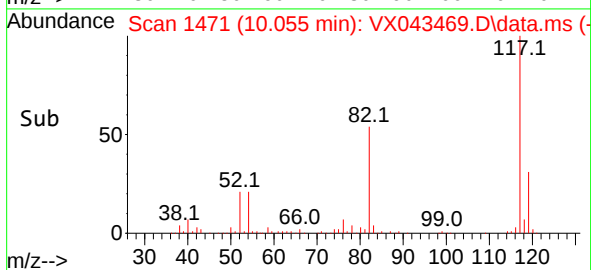
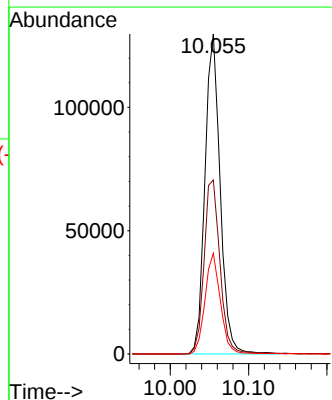
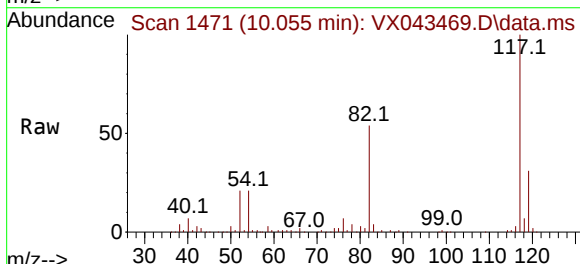
Instrument :
MSVOA_X
ClientSampleId :

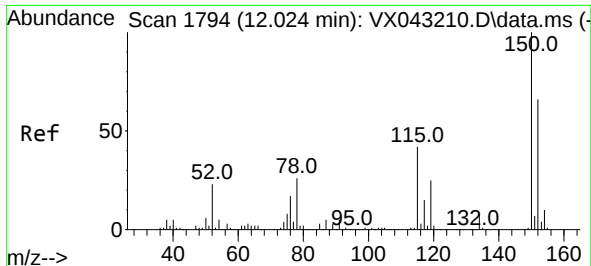
Tgt Ion: 95 Resp: 88028
Ion Ratio Lower Upper
95 100
174 71.6 0.0 145.0
176 68.7 0.0 143.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043469.D
Acq: 21 Oct 2024 20:49

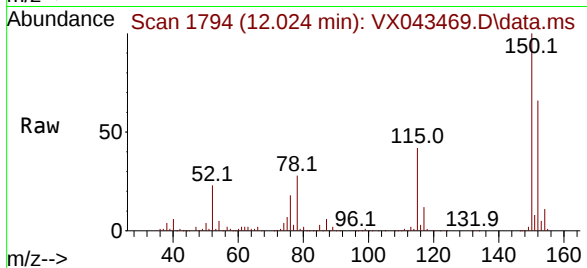
Tgt Ion: 117 Resp: 174834
Ion Ratio Lower Upper
117 100
82 54.4 45.0 67.6
119 31.4 25.3 37.9



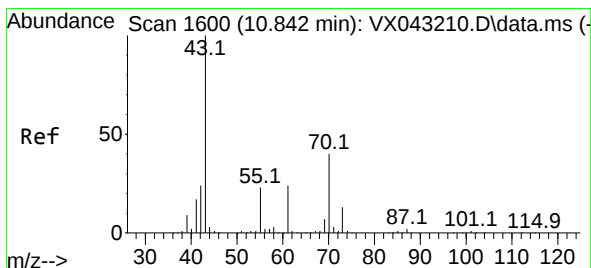
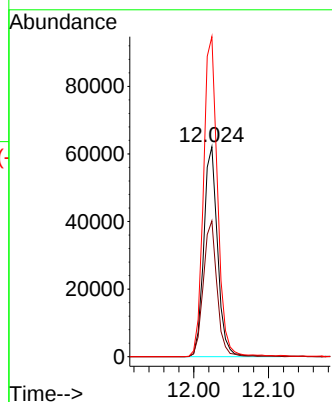
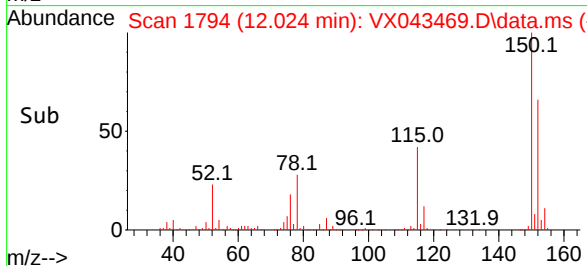


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043469.D
Acq: 21 Oct 2024 20:49

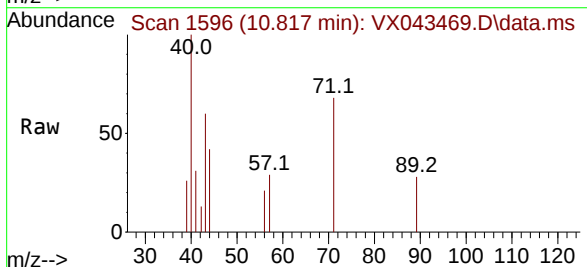
Instrument :
MSVOA_X
ClientSampleId :



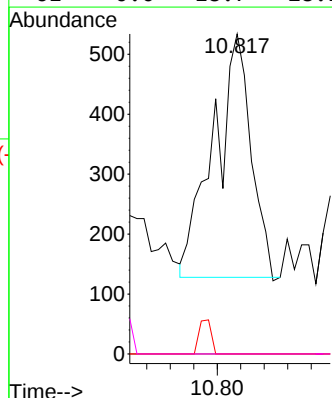
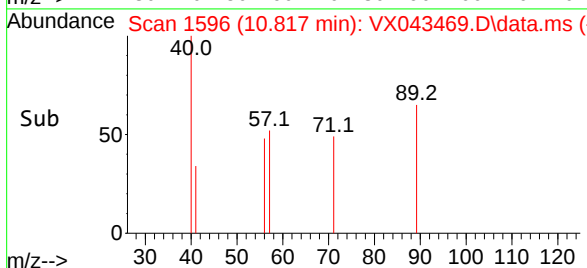
Tgt Ion:152 Resp: 79745
Ion Ratio Lower Upper
152 100
115 64.3 44.1 132.3
150 155.2 0.0 347.4

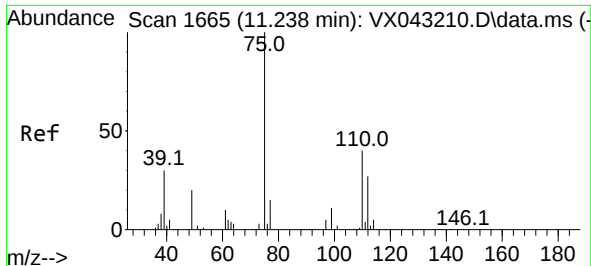


#74
N-ethyl acetate
Concen: 0.303 ug/l
RT: 10.817 min Scan# 1596
Delta R.T. -0.025 min
Lab File: VX043469.D
Acq: 21 Oct 2024 20:49



Tgt Ion: 43 Resp: 893
Ion Ratio Lower Upper
43 100
70 0.0 33.1 49.7#
55 0.0 18.6 27.8#
61 0.0 18.7 28.1#

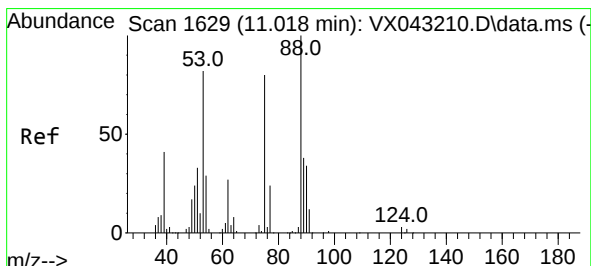
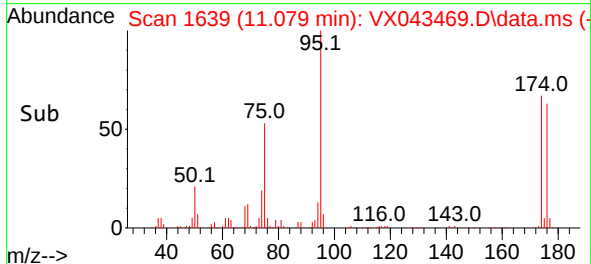
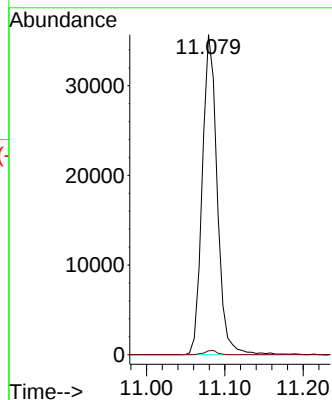
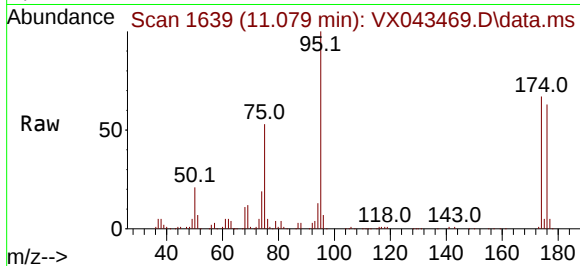




#76
1,2,3-Trichloropropane
Concen: 26.756 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043469.D
Acq: 21 Oct 2024 20:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 47327
Ion Ratio Lower Upper
75 100
77 1.1 22.0 66.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.342 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043469.D
Acq: 21 Oct 2024 20:49

Tgt Ion: 75 Resp: 47327
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.0 38.6 58.0#

