

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101524\
 Data File : VX043403.D
 Acq On : 15 Oct 2024 02:19 pm
 Operator : JC/MD
 Sample : P3932-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 16 01:56:14 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)

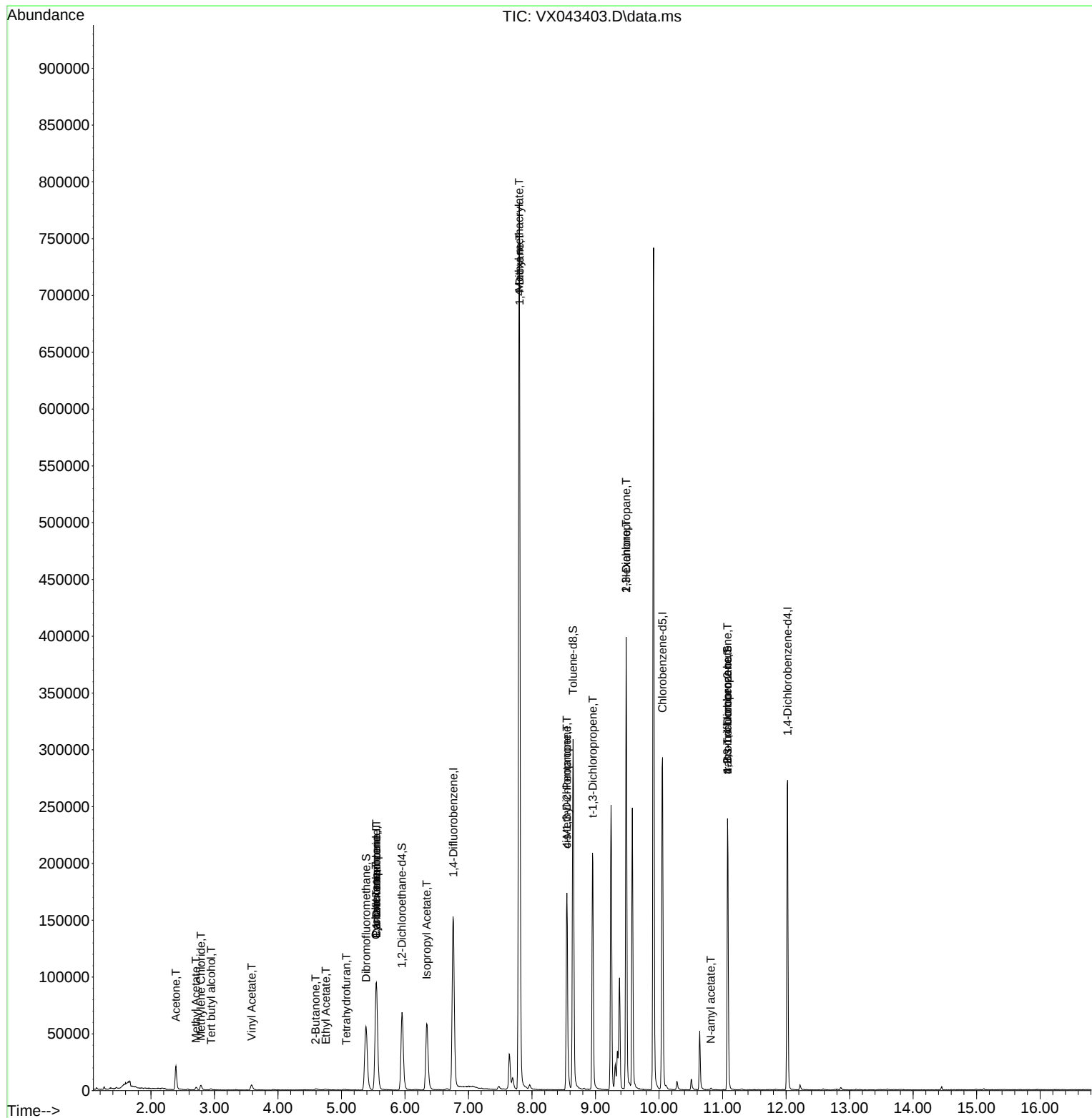
Internal Standards						
1) Pentafluorobenzene	5.550	168	84635	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	155406	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	129351	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55975	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69939	50.599	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.200%
35) Dibromofluoromethane	5.385	113	50015	46.667	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.340%
50) Toluene-d8	8.647	98	181721	48.928	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.860%
62) 4-Bromofluorobenzene	11.079	95	62367	46.222	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.440%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.946	59	602	2.289	ug/l #	71
16) Acetone	2.392	43	25820	44.731	ug/l	96
18) Methyl Acetate	2.709	43	3126	2.159	ug/l	93
20) Methylene Chloride	2.788	84	2164	2.033	ug/l	92
23) Vinyl Acetate	3.587	43	105	6.369	ug/l #	71
25) 2-Butanone	4.592	43	1960	2.476	ug/l	96
29) Tetrahydrofuran	5.074	42	218	0.432	ug/l	91
31) Cyclohexane	5.544	56	2117	1.419	ug/l #	24
36) 1,1-Dichloropropene	5.550	75	7386	5.455	ug/l #	49
37) Ethyl Acetate	4.751	43	1815	1.116	ug/l #	75
38) Carbon Tetrachloride	5.550	117	9753	6.085	ug/l #	15
43) Isopropyl Acetate	6.342	43	84822	31.584	ug/l	99
48) Methyl methacrylate	7.799	41	71159	54.002	ug/l #	45
49) 1,4-Dioxane	7.805	88	140	5.466	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	65851	40.372	ug/l #	51
53) t-1,3-Dichloropropene	8.958	75	492	0.312	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	27865	16.474	ug/l #	60
57) 1,3-Dichloropropane	9.482	76	3188	1.831	ug/l #	43
59) 2-Hexanone	9.482	43	50315	40.792	ug/l #	52
74) N-amyl acetate	10.817	43	676	0.327	ug/l #	46
76) 1,2,3-Trichloropropane	11.079	75	35425	28.532	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	35425	73.945	ug/l #	8

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

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

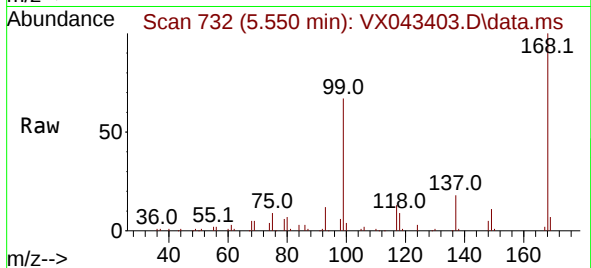
Quant Time: Oct 16 01:56:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
Response via : Initial Calibration



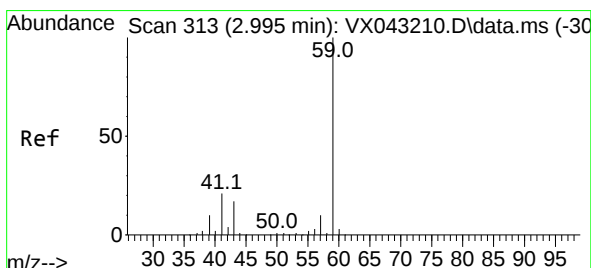
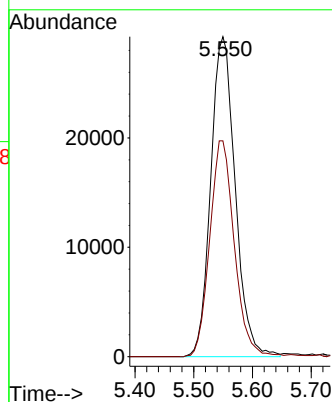
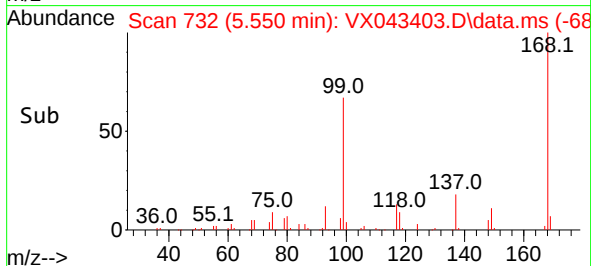


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043403.D
Acq: 15 Oct 2024 02:19

Instrument :
MSVOA_X
ClientSampleId :

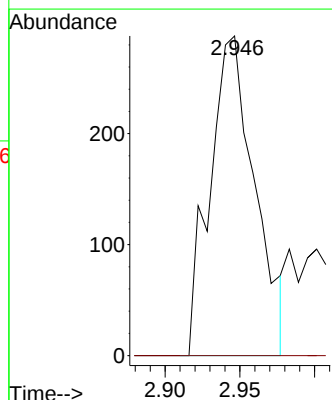
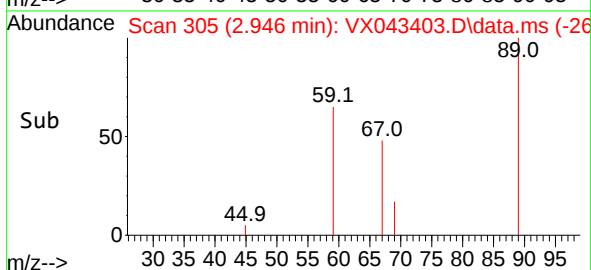
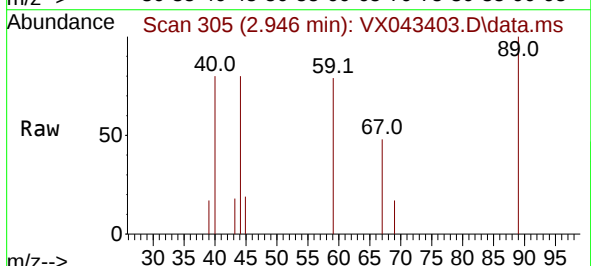


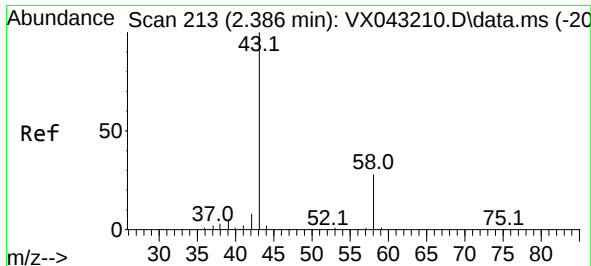
Tgt Ion:168 Resp: 84635
Ion Ratio Lower Upper
168 100
99 67.4 49.7 74.5



#11
Tert butyl alcohol
Concen: 2.289 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.049 min
Lab File: VX043403.D
Acq: 15 Oct 2024 02:19 pm

Tgt Ion: 59 Resp: 602
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#

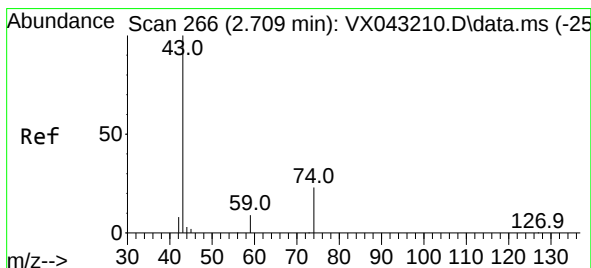
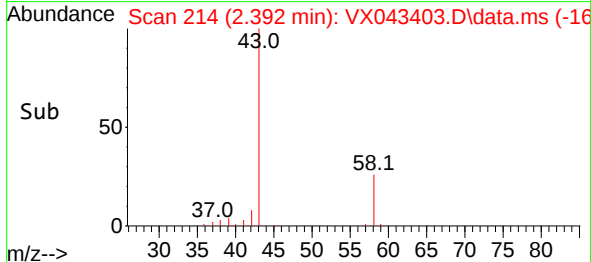
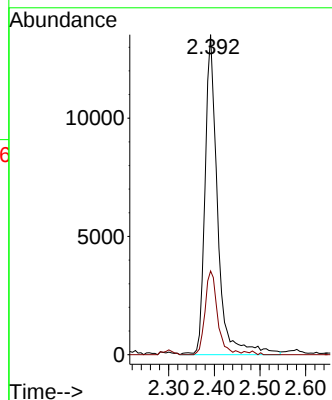
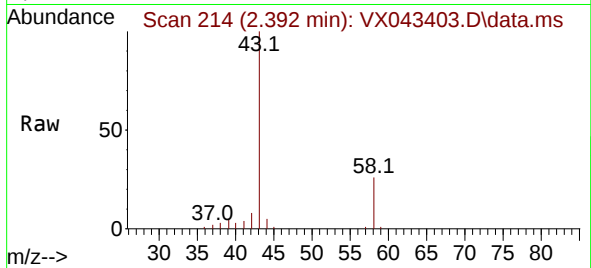




#16
Acetone
Concen: 44.731 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX043403.D
Acq: 15 Oct 2024 02:19

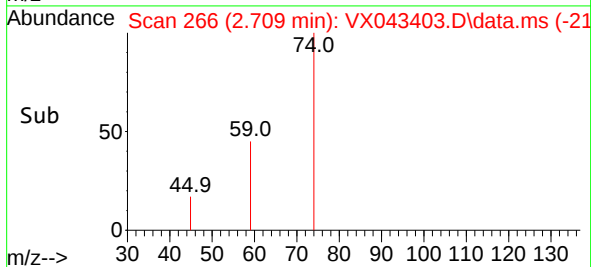
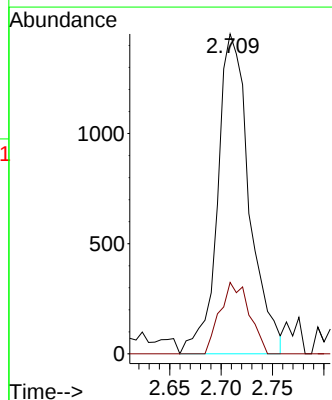
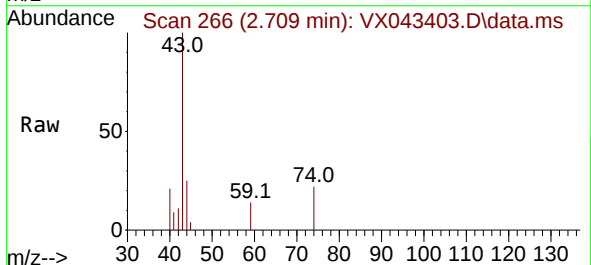
Instrument :
MSVOA_X
ClientSampleId :

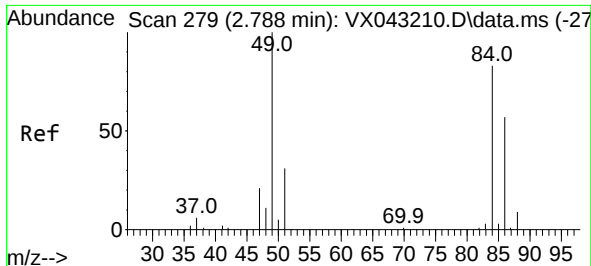
Tgt Ion: 43 Resp: 25820
Ion Ratio Lower Upper
43 100
58 26.1 22.6 33.8



#18
Methyl Acetate
Concen: 2.159 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX043403.D
Acq: 15 Oct 2024 02:19 pm

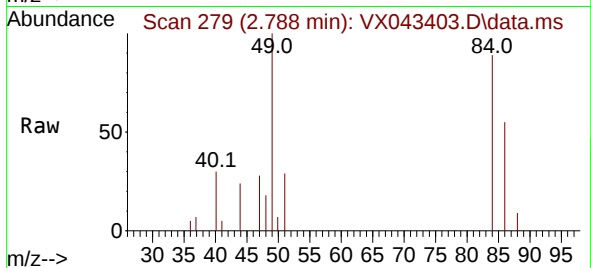
Tgt Ion: 43 Resp: 3126
Ion Ratio Lower Upper
43 100
74 20.6 19.1 28.7



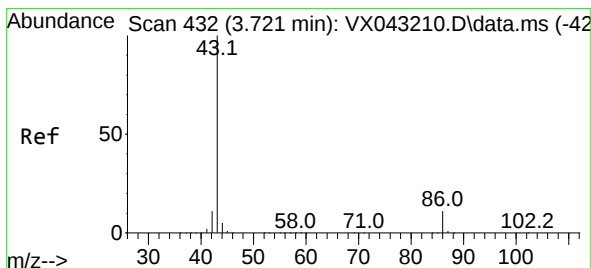
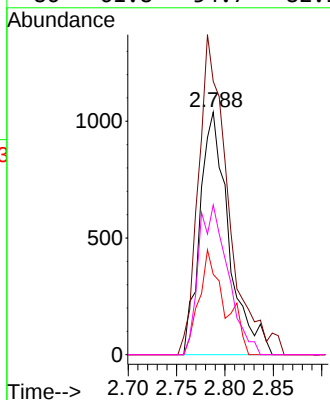


#20
Methylene Chloride
Concen: 2.033 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX043403.D
Acq: 15 Oct 2024 02:19

Instrument :
MSVOA_X
ClientSampleId :

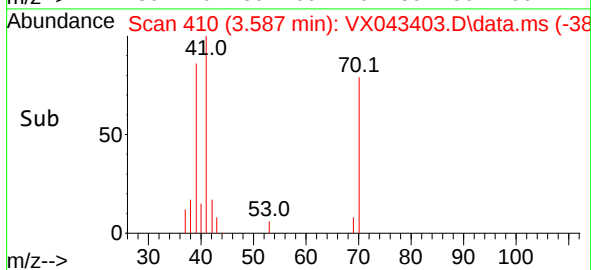
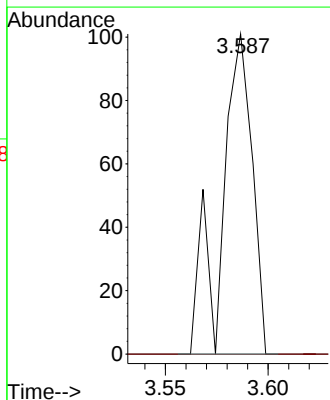
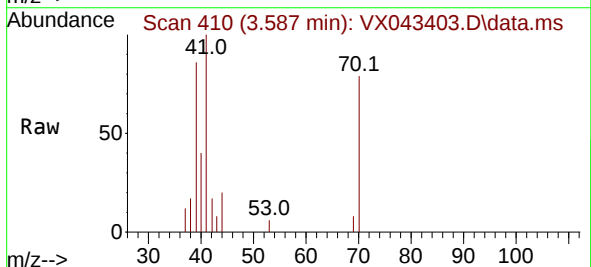


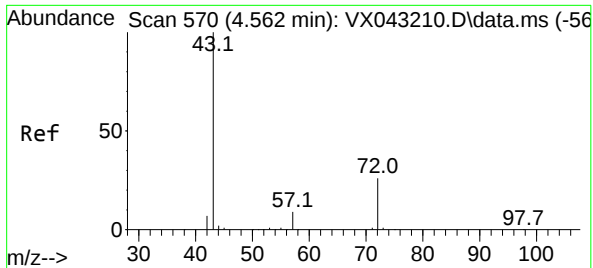
Tgt Ion: 84	Resp: 2164
Ion Ratio	Lower Upper
84 100	
49 112.7	96.7 145.1
51 33.1	30.4 45.6
86 61.8	54.7 82.1



#23
Vinyl Acetate
Concen: 6.369 ug/l
RT: 3.587 min Scan# 410
Delta R.T. -0.134 min
Lab File: VX043403.D
Acq: 15 Oct 2024 02:19 pm

Tgt Ion: 43	Resp: 105		
Ion Ratio	Lower	Upper	
43 100			
86 0.0	8.8	13.2#	





#25

2-Butanone

Concen: 2.476 ug/l

RT: 4.592 min Scan# 51

Delta R.T. 0.030 min

Lab File: VX043403.D

Acq: 15 Oct 2024 02:19

Instrument :

MSVOA_X

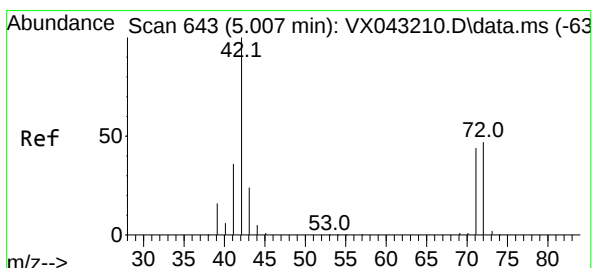
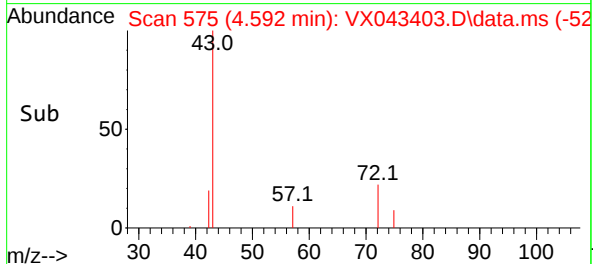
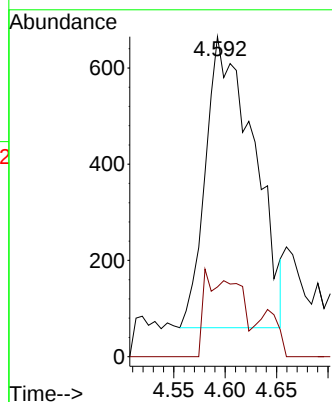
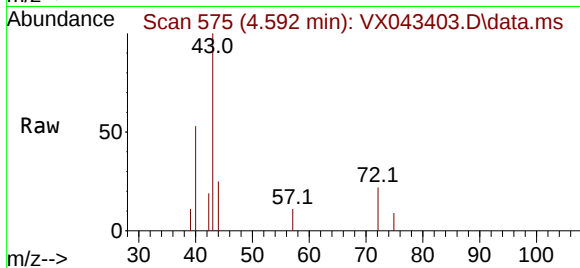
ClientSampleId :

Tgt Ion: 43 Resp: 1960

Ion Ratio Lower Upper

43 100

72 24.0 20.6 31.0



#29

Tetrahydrofuran

Concen: 0.432 ug/l

RT: 5.074 min Scan# 654

Delta R.T. 0.067 min

Lab File: VX043403.D

Acq: 15 Oct 2024 02:19 pm

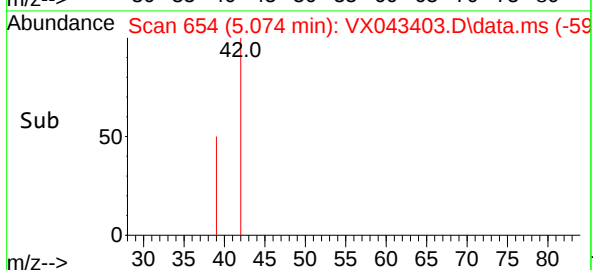
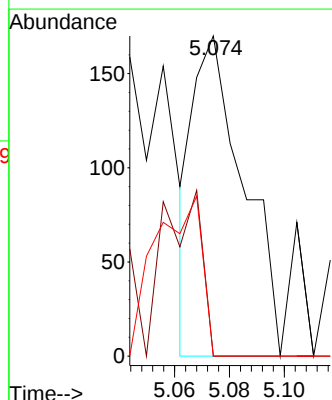
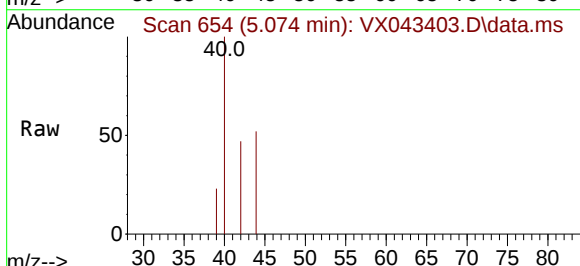
Tgt Ion: 42 Resp: 218

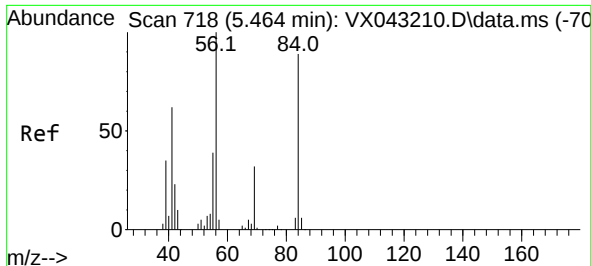
Ion Ratio Lower Upper

42 100

72 38.1 37.7 56.5

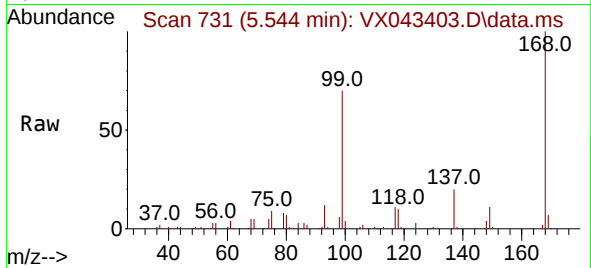
71 45.9 34.6 52.0





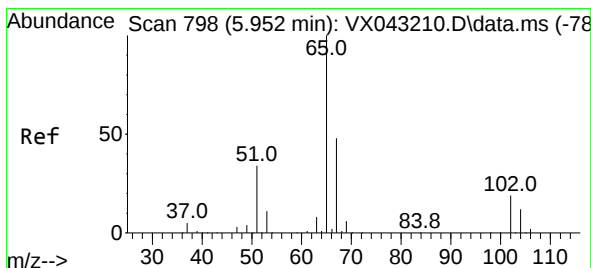
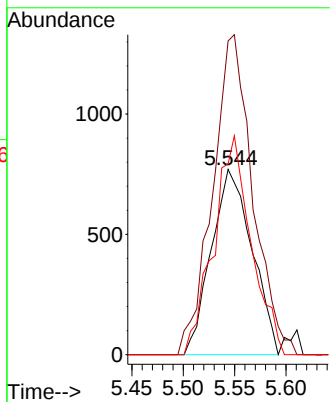
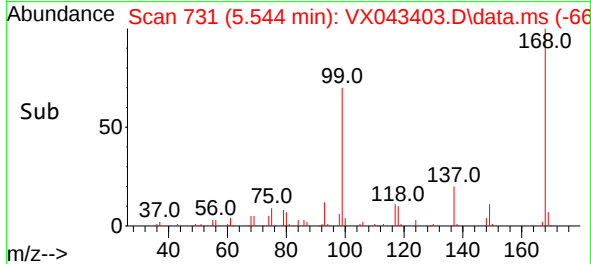
#31
Cyclohexane
Concen: 1.419 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX043403.D
Acq: 15 Oct 2024 02:19 pm

Instrument : MSVOA_X
ClientSampleId :

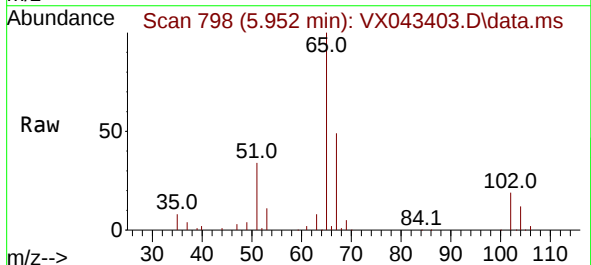


Tgt Ion: 56 Resp: 2117

Ion	Ratio	Lower	Upper
56	100		
69	169.4	25.8	38.6
84	103.0	71.1	106.7

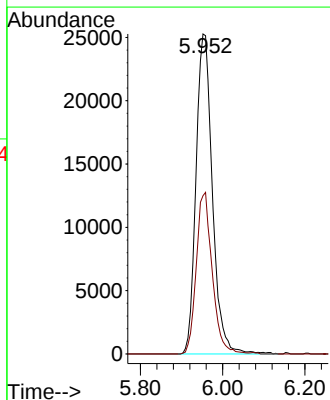
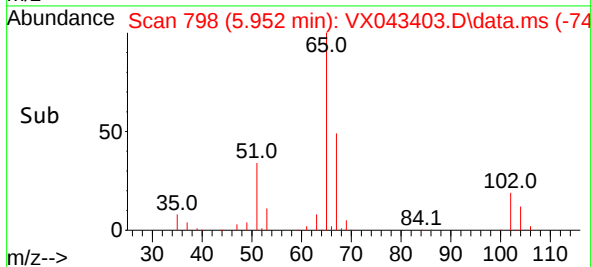


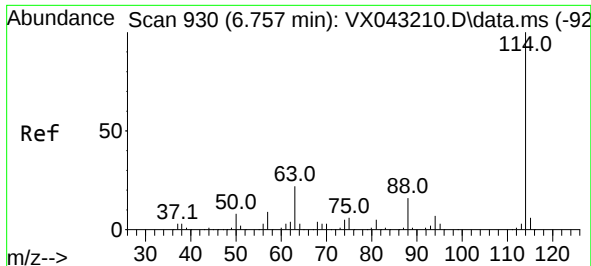
#33
1,2-Dichloroethane-d4
Concen: 50.599 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX043403.D
Acq: 15 Oct 2024 02:19 pm



Tgt Ion: 65 Resp: 69939

Ion	Ratio	Lower	Upper
65	100		
67	49.1	0.0	99.0

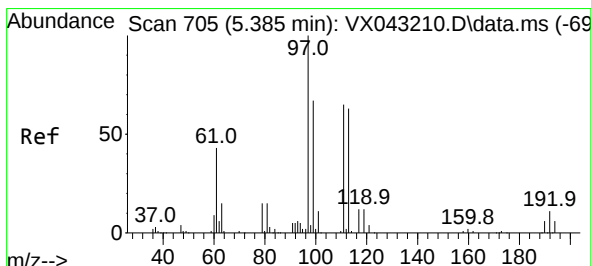
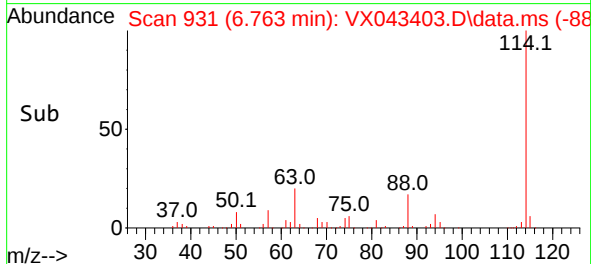
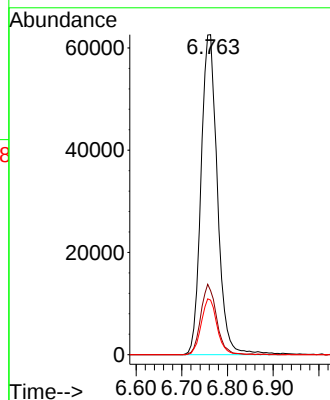
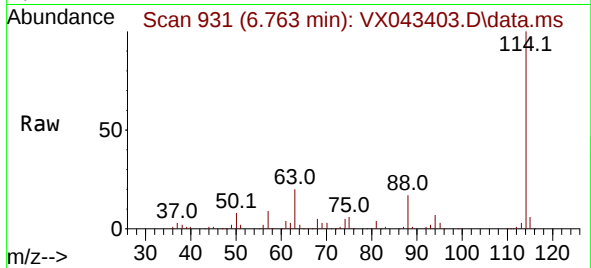




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX043403.D
Acq: 15 Oct 2024 02:19

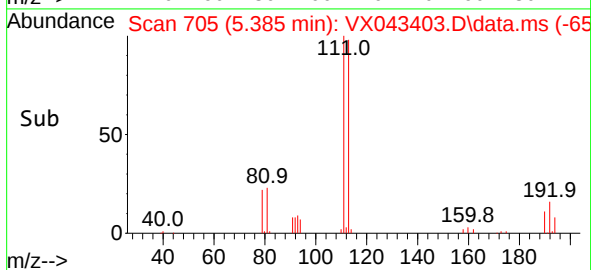
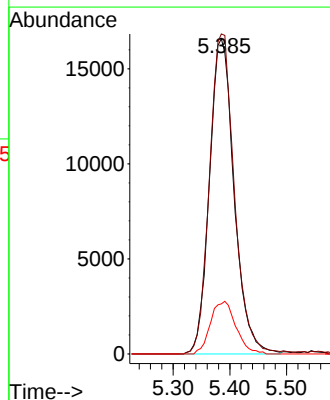
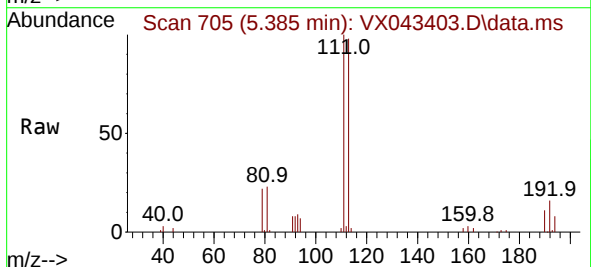
Instrument :
MSVOA_X
ClientSampleId :

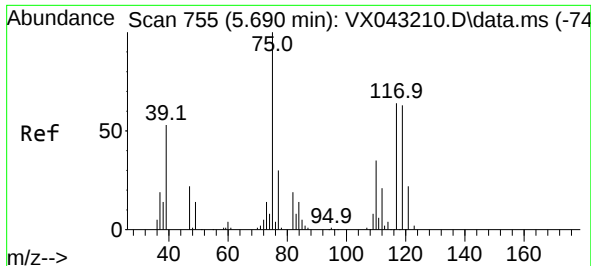
Tgt Ion:114 Resp: 155406
Ion Ratio Lower Upper
114 100
63 20.0 0.0 43.0
88 17.0 0.0 33.0



#35
Dibromofluoromethane
Concen: 46.667 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX043403.D
Acq: 15 Oct 2024 02:19 pm

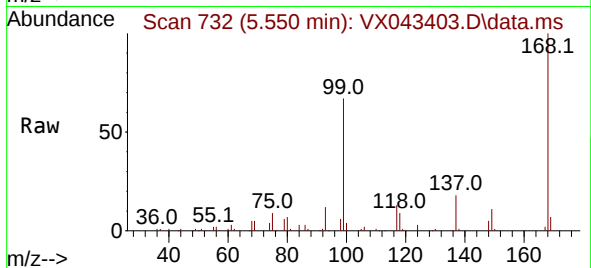
Tgt Ion:113 Resp: 50015
Ion Ratio Lower Upper
113 100
111 102.3 83.4 125.0
192 17.2 14.1 21.1



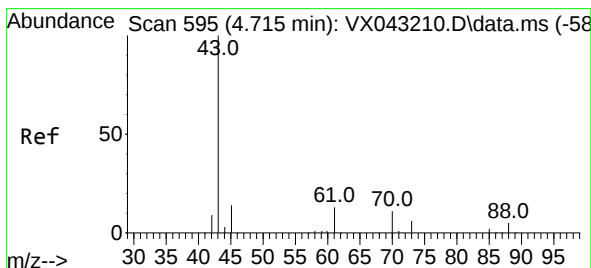
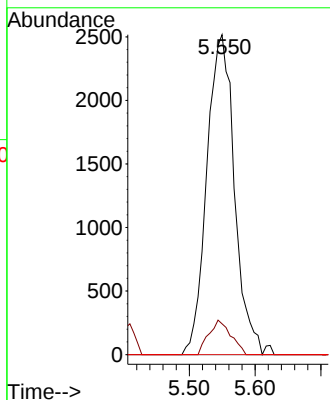
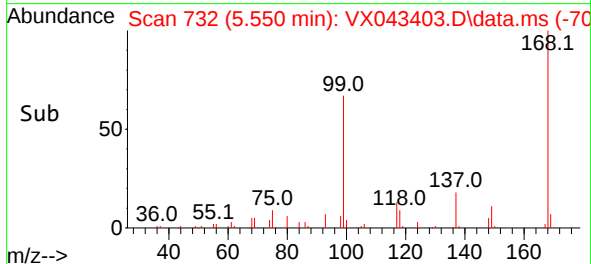


#36
1,1-Dichloropropene
Concen: 5.455 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX043403.D
Acq: 15 Oct 2024 02:19

Instrument :
MSVOA_X
ClientSampleId :

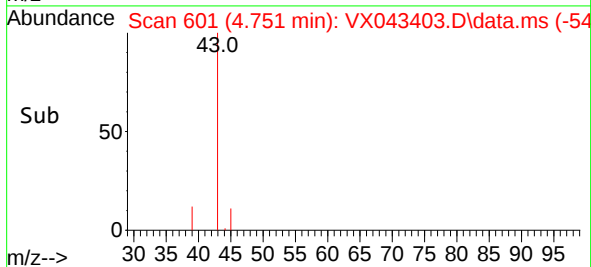
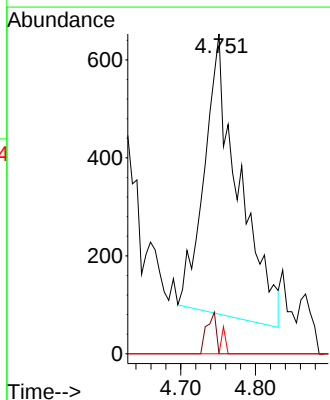
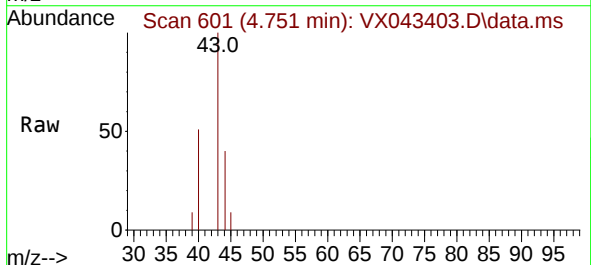


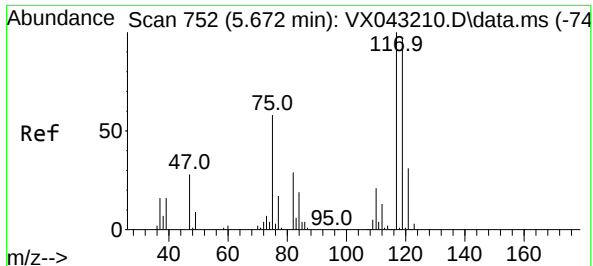
Tgt Ion: 75 Resp: 7386
Ion Ratio Lower Upper
75 100
110 8.6 17.8 53.3#
77 0.0 24.9 37.3#



#37
Ethyl Acetate
Concen: 1.116 ug/l
RT: 4.751 min Scan# 601
Delta R.T. 0.036 min
Lab File: VX043403.D
Acq: 15 Oct 2024 02:19 pm

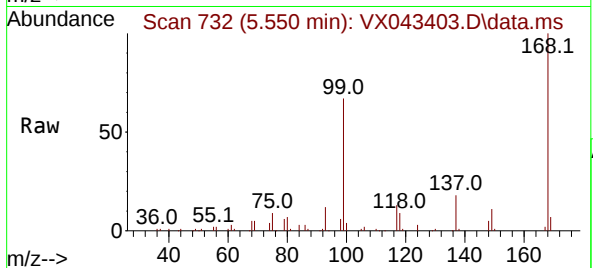
Tgt Ion: 43 Resp: 1815
Ion Ratio Lower Upper
43 100
61 4.0 11.0 16.4#
70 1.1 8.9 13.3#



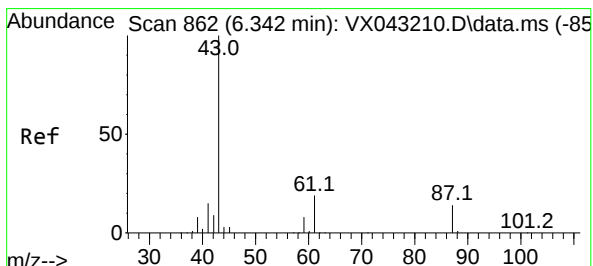
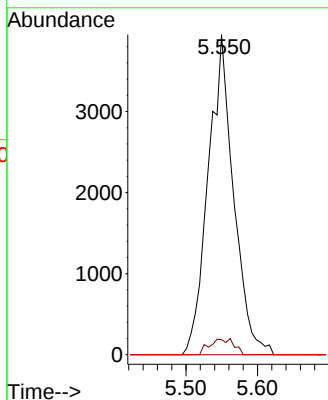
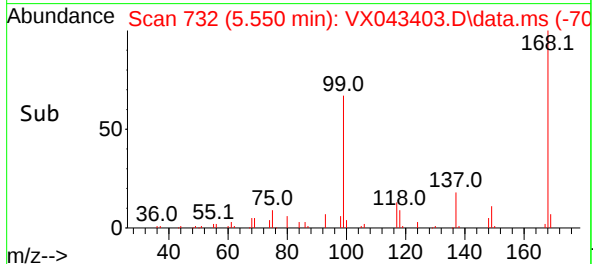


#38
Carbon Tetrachloride
Concen: 6.085 ug/l
RT: 5.550 min Scan# 752
Delta R.T. -0.122 min
Lab File: VX043403.D
Acq: 15 Oct 2024 02:19

Instrument :
MSVOA_X
ClientSampleId :

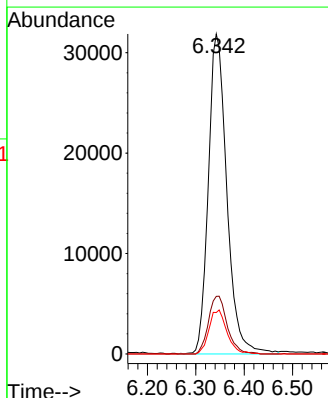
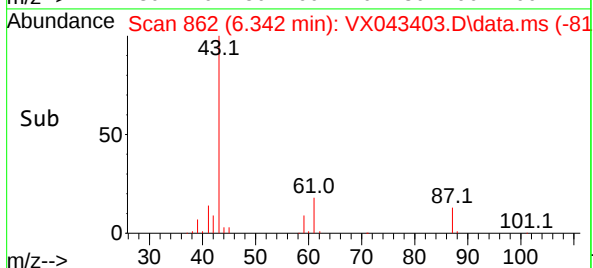
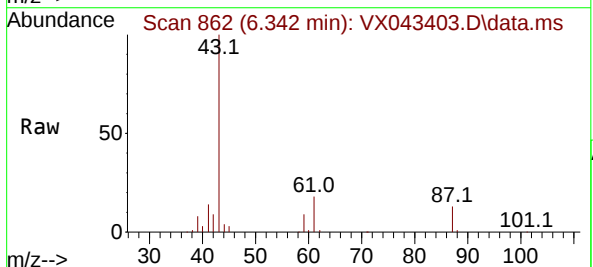


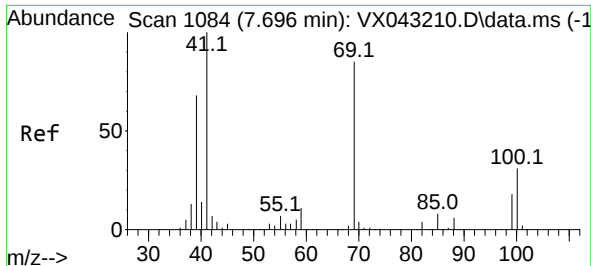
Tgt Ion:117 Resp: 9753
Ion Ratio Lower Upper
117 100
119 4.7 77.7 116.5#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: 31.584 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX043403.D
Acq: 15 Oct 2024 02:19 pm

Tgt Ion: 43 Resp: 84822
Ion Ratio Lower Upper
43 100
61 18.3 15.1 22.7
87 13.3 10.8 16.2





#48

Methyl methacrylate

Concen: 54.002 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.103 min

Lab File: VX043403.D

Acq: 15 Oct 2024 02:19

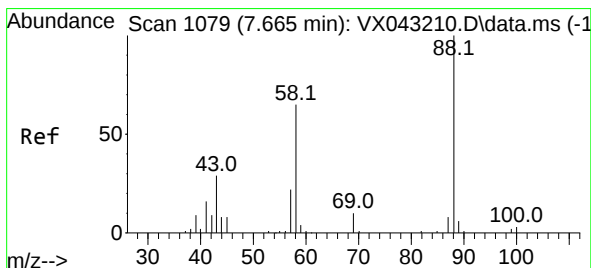
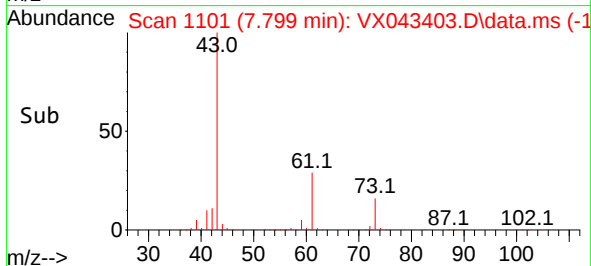
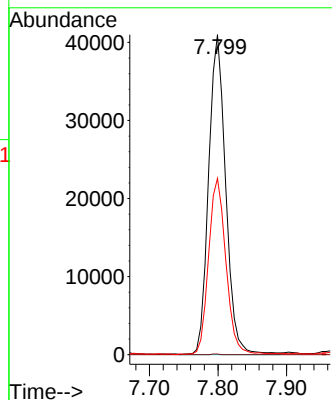
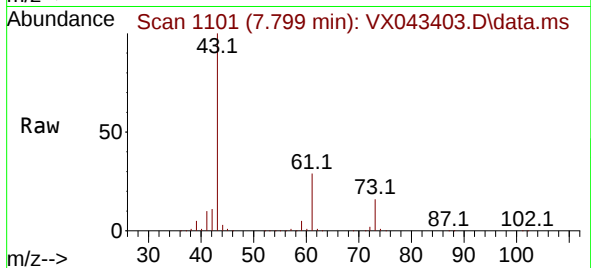
Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 41 Resp: 71159

Ion	Ratio	Lower	Upper
41	100		
69	0.1	64.1	96.1#
39	56.1	52.8	79.2



#49

1,4-Dioxane

Concen: 5.466 ug/l

RT: 7.805 min Scan# 1102

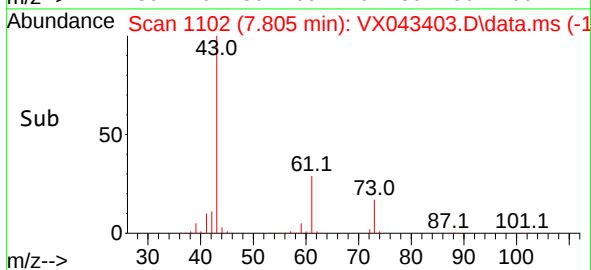
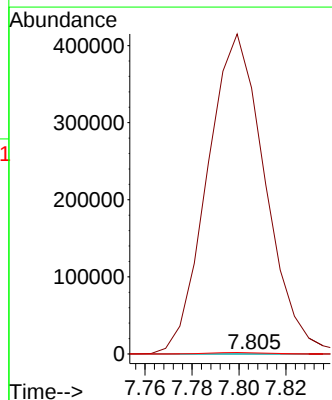
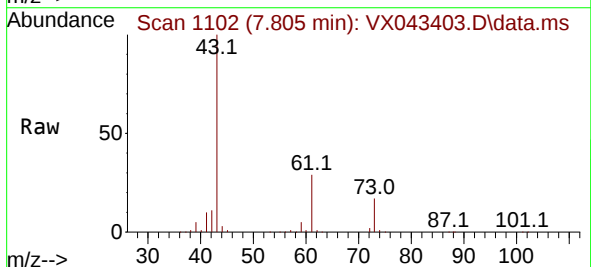
Delta R.T. 0.140 min

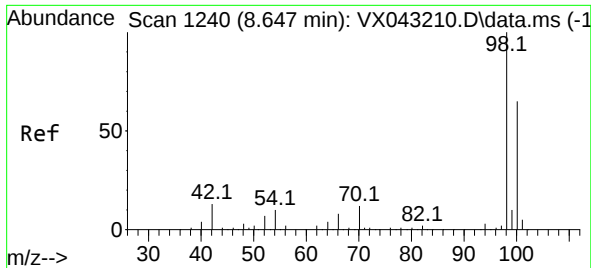
Lab File: VX043403.D

Acq: 15 Oct 2024 02:19 pm

Tgt Ion: 88 Resp: 140

Ion	Ratio	Lower	Upper
88	100		
43	515805.0	29.5	44.3#
58	2184.3	55.2	82.8#

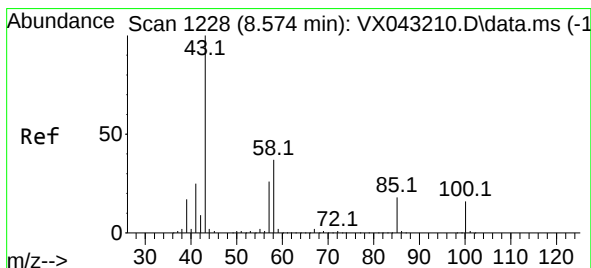
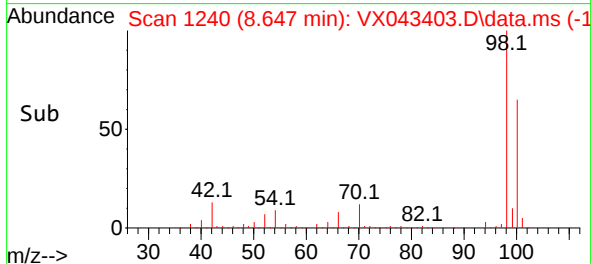
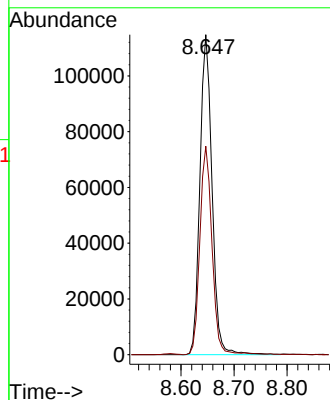
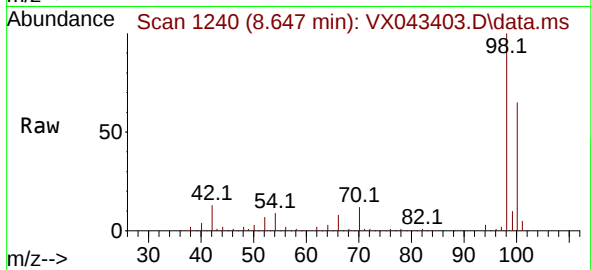




#50
Toluene-d8
Concen: 48.928 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043403.D
Acq: 15 Oct 2024 02:19

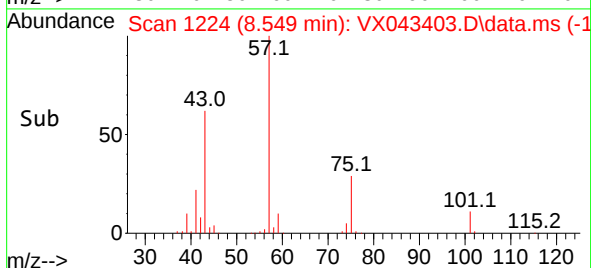
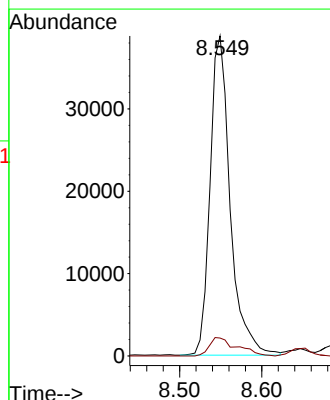
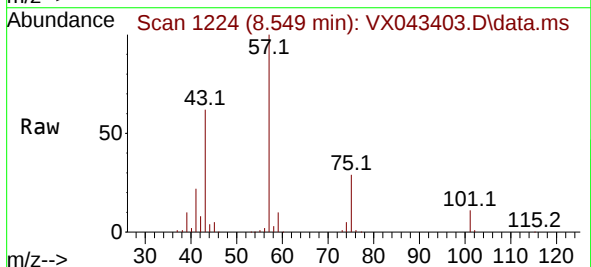
Instrument :
MSVOA_X
ClientSampleId :

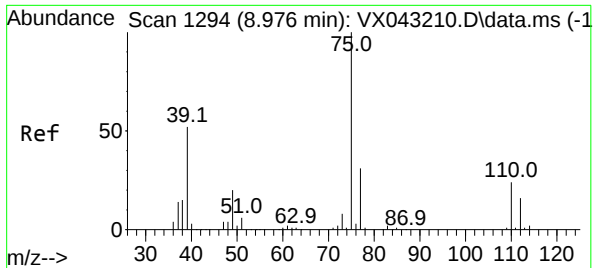
Tgt Ion: 98 Resp: 181721
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 40.372 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.025 min
Lab File: VX043403.D
Acq: 15 Oct 2024 02:19 pm

Tgt Ion: 43 Resp: 65851
Ion Ratio Lower Upper
43 100
58 7.9 30.0 45.0#





#53

t-1,3-Dichloropropene

Concen: 0.312 ug/l

RT: 8.958 min Scan# 11

Delta R.T. -0.018 min

Lab File: VX043403.D

Acq: 15 Oct 2024 02:19

Instrument :

MSVOA_X

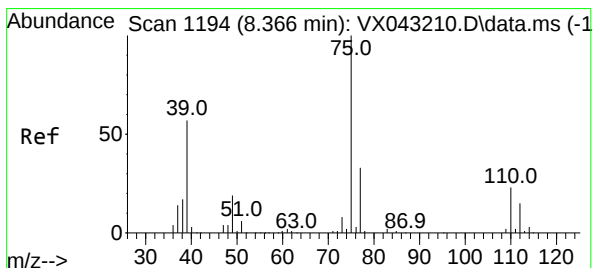
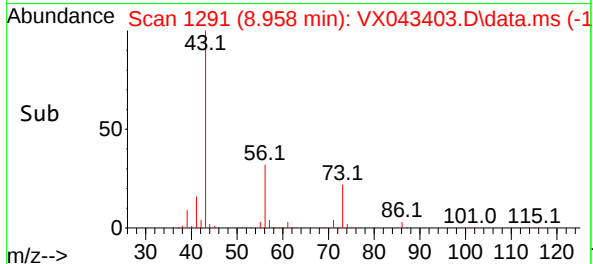
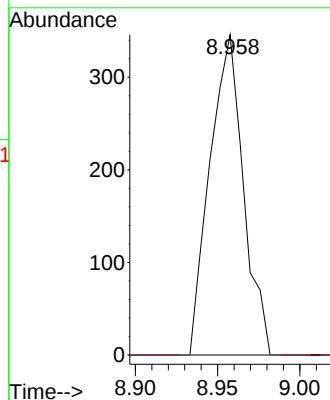
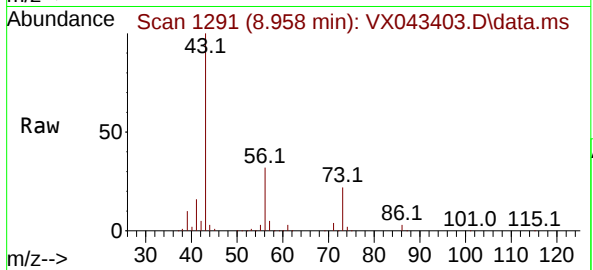
ClientSampleId :

Tgt Ion: 75 Resp: 492

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#



#54

cis-1,3-Dichloropropene

Concen: 16.474 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.183 min

Lab File: VX043403.D

Acq: 15 Oct 2024 02:19 pm

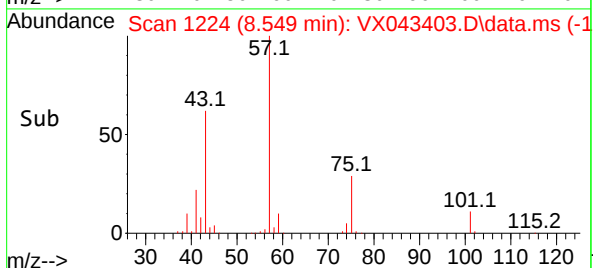
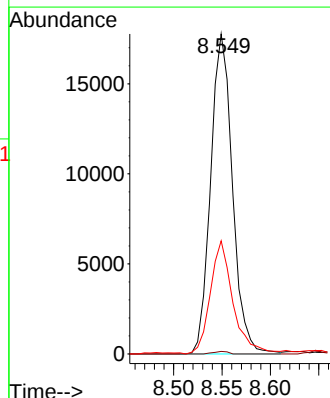
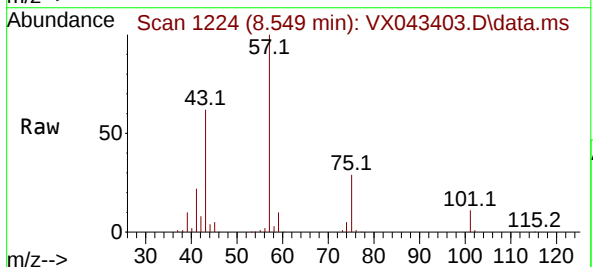
Tgt Ion: 75 Resp: 27865

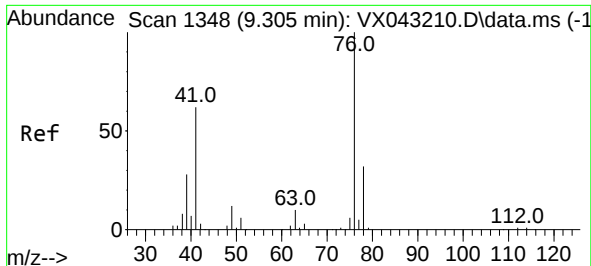
Ion Ratio Lower Upper

75 100

77 0.8 26.0 39.0#

39 35.0 45.8 68.8#

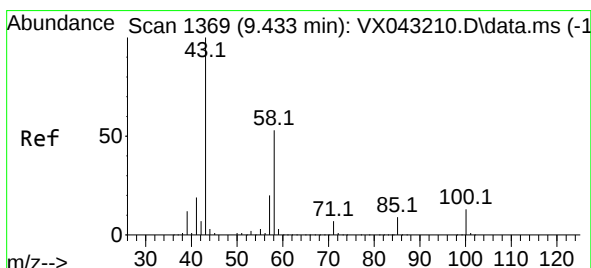
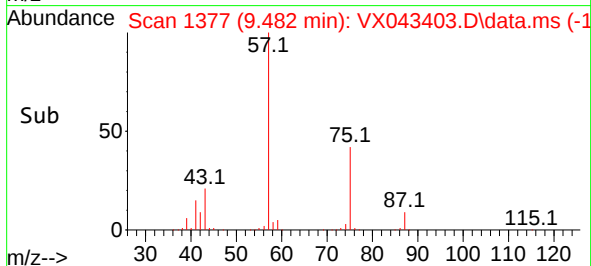
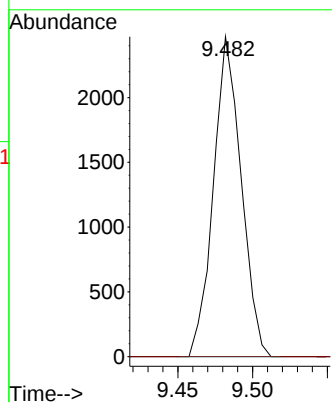
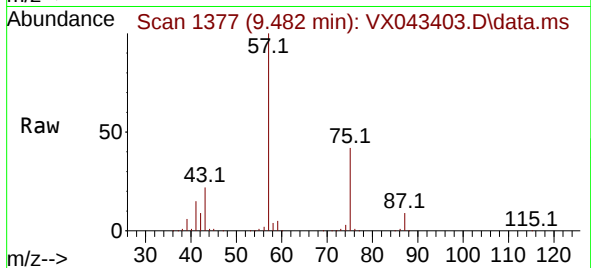




#57
1,3-Dichloropropane
Concen: 1.831 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX043403.D
Acq: 15 Oct 2024 02:19

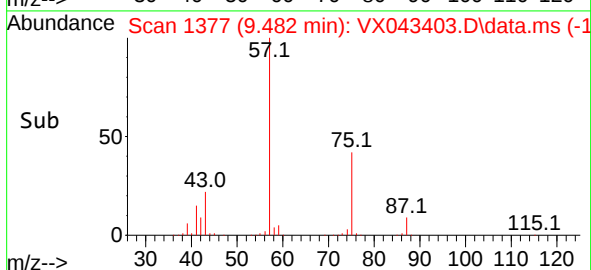
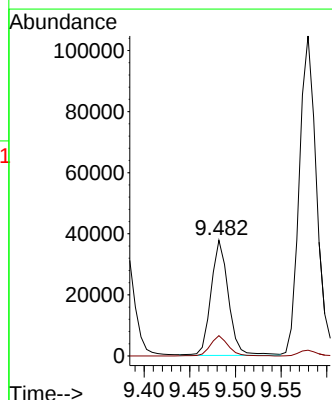
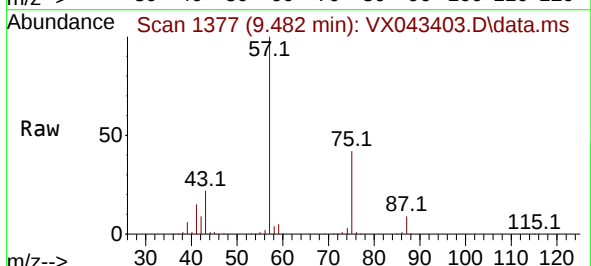
Instrument :
MSVOA_X
ClientSampleId :

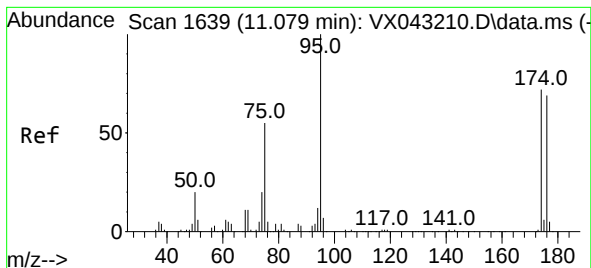
Tgt Ion: 76 Resp: 3188
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



#59
2-Hexanone
Concen: 40.792 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX043403.D
Acq: 15 Oct 2024 02:19 pm

Tgt Ion: 43 Resp: 50315
Ion Ratio Lower Upper
43 100
58 18.1 26.1 78.3#

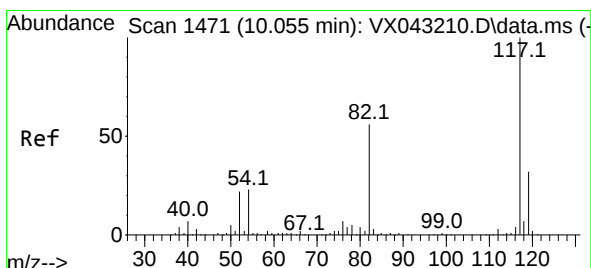
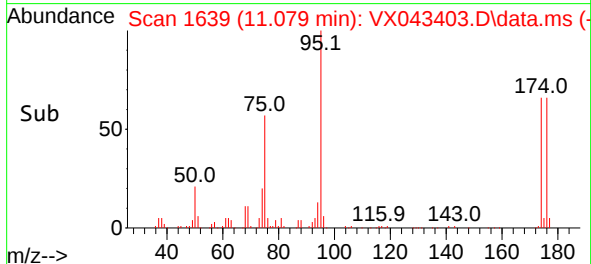
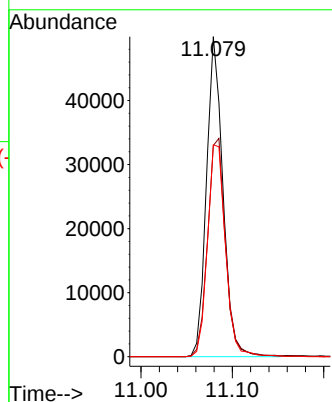
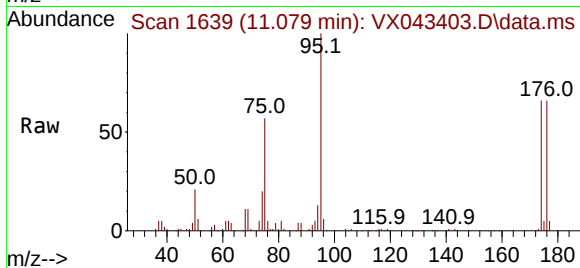




#62
4-Bromofluorobenzene
Concen: 46.222 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043403.D
Acq: 15 Oct 2024 02:19

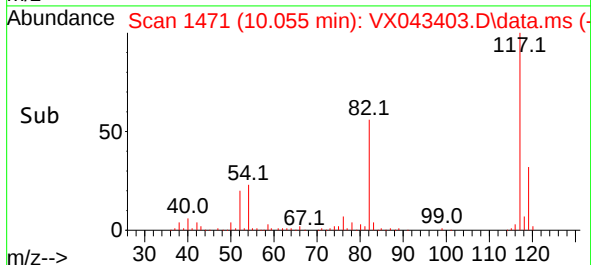
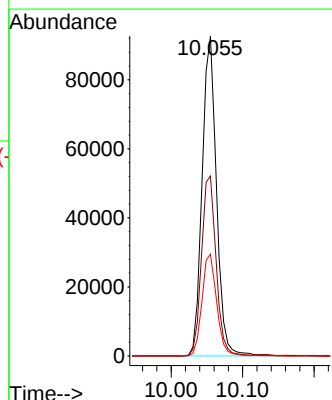
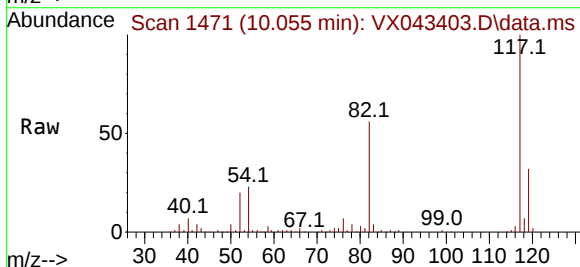
Instrument :
MSVOA_X
ClientSampleId :

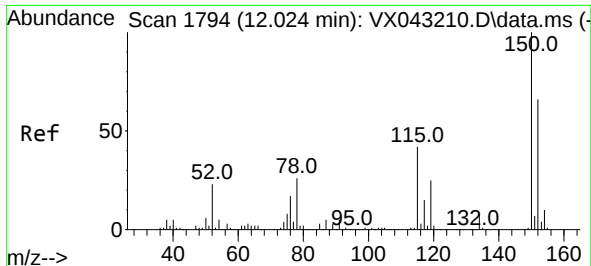
Tgt Ion: 95 Resp: 62367
Ion Ratio Lower Upper
95 100
174 74.5 0.0 145.0
176 72.4 0.0 143.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043403.D
Acq: 15 Oct 2024 02:19 pm

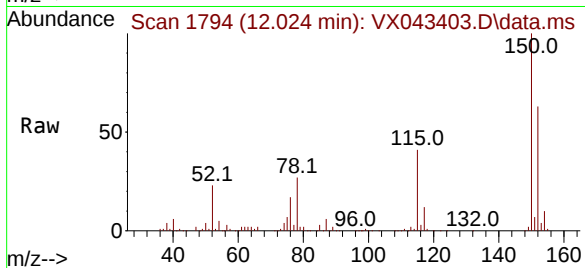
Tgt Ion: 117 Resp: 129351
Ion Ratio Lower Upper
117 100
82 56.3 45.0 67.6
119 31.8 25.3 37.9



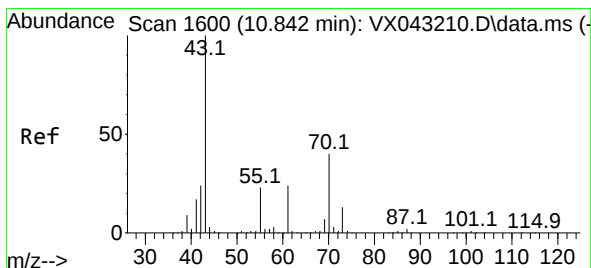
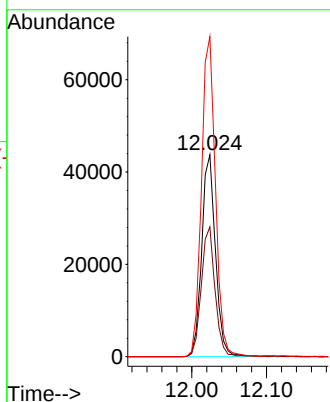
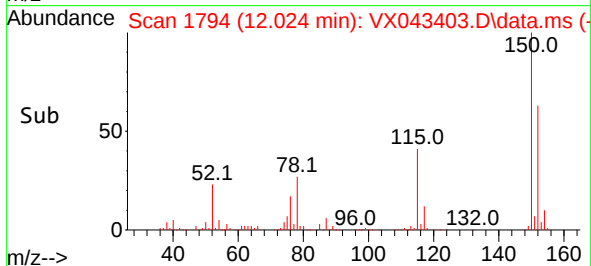


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX043403.D
 Acq: 15 Oct 2024 02:19

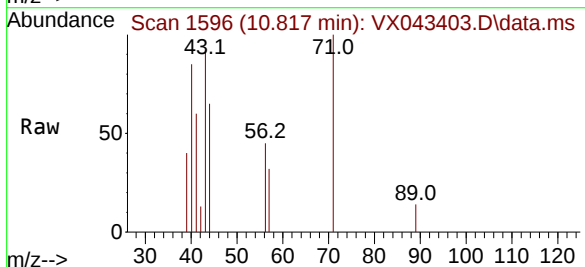
Instrument :
 MSVOA_X
 ClientSampleId :



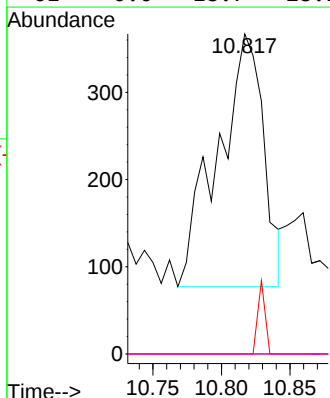
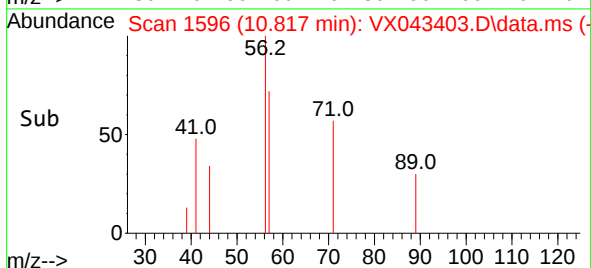
Tgt Ion:152 Resp: 55975
 Ion Ratio Lower Upper
 152 100
 115 64.4 44.1 132.3
 150 160.4 0.0 347.4

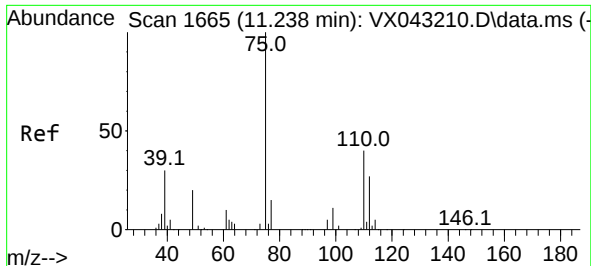


#74
 N-ethyl acetate
 Concen: 0.327 ug/l
 RT: 10.817 min Scan# 1596
 Delta R.T. -0.025 min
 Lab File: VX043403.D
 Acq: 15 Oct 2024 02:19 pm



Tgt Ion: 43 Resp: 676
 Ion Ratio Lower Upper
 43 100
 70 0.0 33.1 49.7#
 55 4.6 18.6 27.8#
 61 0.0 18.7 28.1#

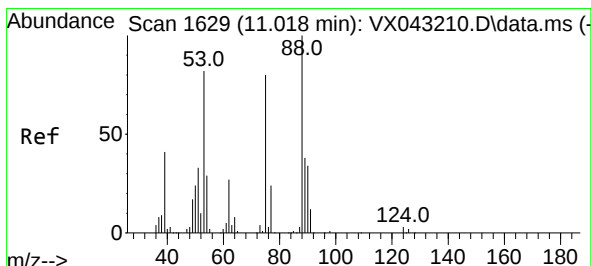
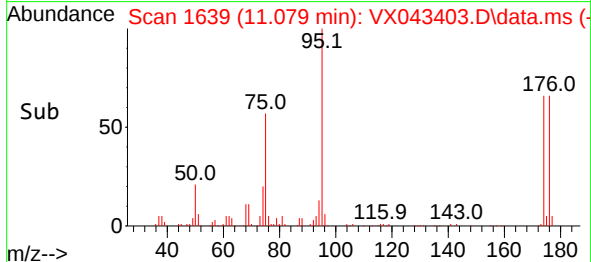
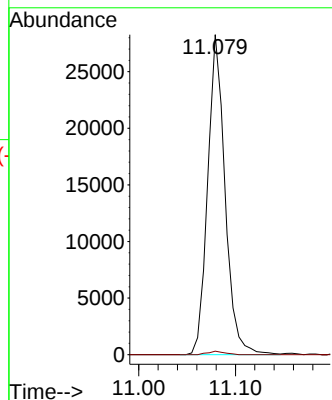
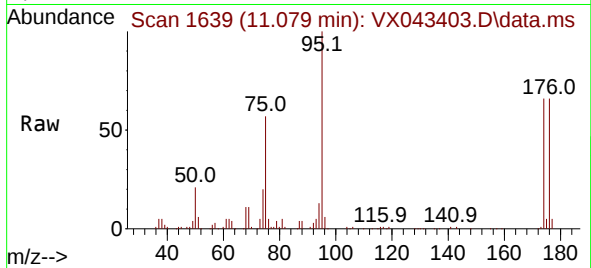




#76
1,2,3-Trichloropropane
Concen: 28.532 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043403.D
Acq: 15 Oct 2024 02:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 35425
Ion Ratio Lower Upper
75 100
77 1.0 22.0 66.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.945 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043403.D
Acq: 15 Oct 2024 02:19 pm

Tgt Ion: 75 Resp: 35425
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.0 38.6 58.0#

