

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121224\
 Data File : VX044261.D
 Acq On : 12 Dec 2024 18:38
 Operator : JC/MD
 Sample : P5261-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 13 01:50:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	104376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	201532	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	173999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93261	50.961	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.920%
35) Dibromofluoromethane	5.379	113	65417	46.867	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.740%
50) Toluene-d8	8.647	98	244709	51.966	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.940%
62) 4-Bromofluorobenzene	11.079	95	77708	47.226	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.460%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.160	85	383	0.237	ug/l	76
3) Chloromethane	1.295	50	281	0.182	ug/l #	42
4) Vinyl Chloride	1.605	62	49	0.030	ug/l #	74
5) Bromomethane	1.593	94	335	0.294	ug/l #	30
6) Chloroethane	1.685	64	92	0.092	ug/l #	41
7) Trichlorofluoromethane	1.868	101	505	0.160	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.313	101	9616	7.550	ug/l	98
11) Tert butyl alcohol	2.934	59	523	2.028	ug/l #	71
12) 1,1-Dichloroethene	2.307	96	3506	2.997	ug/l	97
13) Acrolein	2.124	56	50	0.134	ug/l #	14
14) Allyl chloride	2.666	41	44	0.023	ug/l #	1
16) Acetone	2.392	43	811	1.087	ug/l	90
18) Methyl Acetate	2.703	43	231	0.120	ug/l #	54
19) Methyl tert-butyl Ether	3.105	73	508	0.111	ug/l #	56
20) Methylene Chloride	2.782	84	401	0.286	ug/l #	57
21) trans-1,2-Dichloroethene	3.075	96	33	0.027	ug/l #	1
23) Vinyl Acetate	3.440	43	67	0.019	ug/l #	73
24) 1,1-Dichloroethane	3.599	63	1059	0.433	ug/l #	82
25) 2-Butanone	4.520	43	29	0.027	ug/l #	50
27) cis-1,2-Dichloroethene	4.495	96	6158	3.900	ug/l	90
28) Bromochloromethane	5.080	49	44	0.037	ug/l #	13
29) Tetrahydrofuran	5.044	42	66	0.097	ug/l #	32
30) Chloroform	5.099	83	1224	0.445	ug/l	96
31) Cyclohexane	5.538	56	2938	1.487	ug/l #	41
32) 1,1,1-Trichloroethane	5.391	97	71	0.031	ug/l #	24
36) 1,1-Dichloropropene	5.544	75	10273	5.694	ug/l #	50
37) Ethyl Acetate	4.520	43	29	0.013	ug/l #	71
38) Carbon Tetrachloride	5.678	117	468	0.241	ug/l #	58
39) Methylcyclohexane	7.117	83	7227	3.351	ug/l #	1
40) Benzene	6.038	78	112	0.020	ug/l #	51
41) Methacrylonitrile	4.922	41	167	0.141	ug/l #	1
42) 1,2-Dichloroethane	6.105	62	379	0.168	ug/l #	78
43) Isopropyl Acetate	6.361	43	190	0.055	ug/l #	63
44) Trichloroethene	7.123	130	509063	372.648	ug/l	96
48) Methyl methacrylate	7.702	41	119	0.070	ug/l #	1
49) 1,4-Dioxane	7.684	88	524	18.677	ug/l #	46

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Quant Time: Dec 13 01:50:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

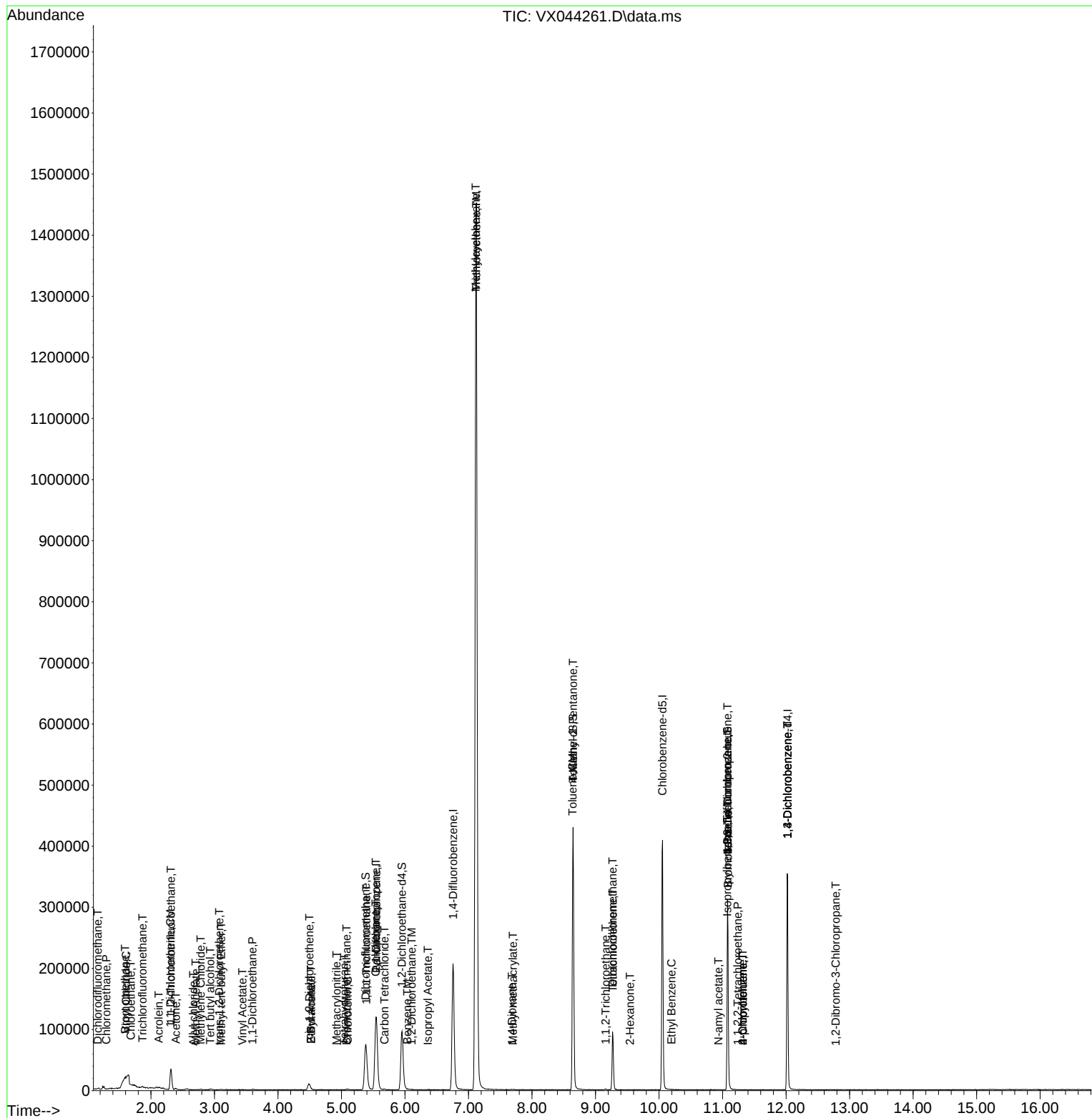
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
51) 4-Methyl-2-Pentanone	8.647	43	1406	0.627	ug/l	#	1
52) Toluene	8.641	92	84	0.024	ug/l	#	1
55) 1,1,2-Trichloroethane	9.159	97	344	0.252	ug/l	#	87
59) 2-Hexanone	9.543	43	26	0.016	ug/l	#	26
60) Dibromochloromethane	9.269	129	15807	12.260	ug/l	#	11
64) Tetrachloroethene	9.275	164	15725	13.616	ug/l		98
67) Ethyl Benzene	10.195	91	73	0.011	ug/l	#	45
73) Isopropylbenzene	11.073	105	130	0.025	ug/l	#	49
74) N-amyl acetate	10.933	43	49	0.020	ug/l	#	45
75) 1,1,2,2-Tetrachloroethane	11.238	83	18	0.010	ug/l	#	25
76) 1,2,3-Trichloropropane	11.079	75	45175	29.332	ug/l	#	35
77) Bromobenzene	11.085	156	29	0.023	ug/l	#	1
78) n-propylbenzene	11.317	91	67	0.011	ug/l	#	54
79) 2-Chlorotoluene	11.317	91	67	0.018	ug/l	#	42
81) trans-1,4-Dichloro-2-b...	11.079	75	45175	80.252	ug/l	#	4
82) 4-Chlorotoluene	11.317	91	67	0.016	ug/l	#	46
87) 1,3-Dichlorobenzene	12.024	146	53	0.024	ug/l	#	1
88) 1,4-Dichlorobenzene	12.024	146	53	0.023	ug/l	#	1
92) 1,2-Dibromo-3-Chloropr...	12.780	75	38	0.107	ug/l	#	6

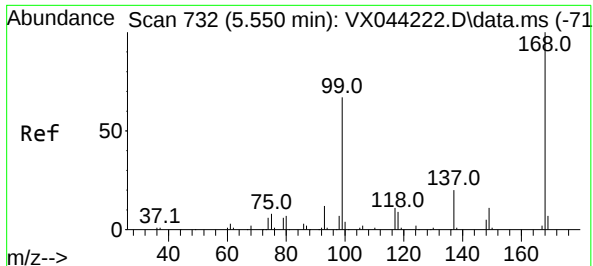
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QLast Update : Thu Dec 12 04:28:14 2024
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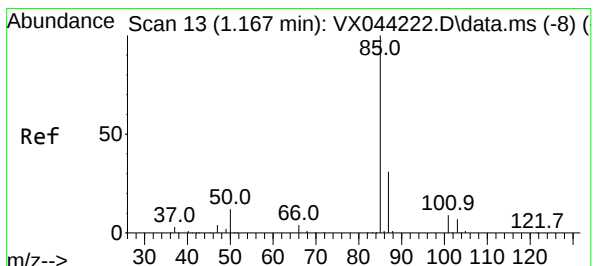
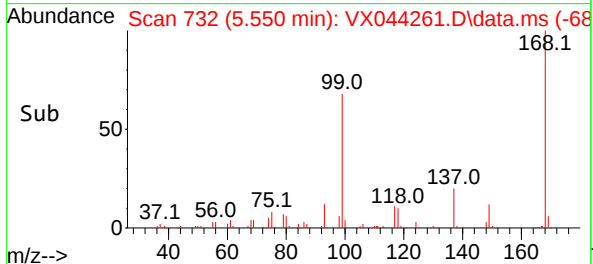
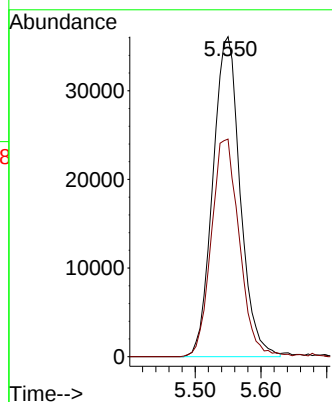
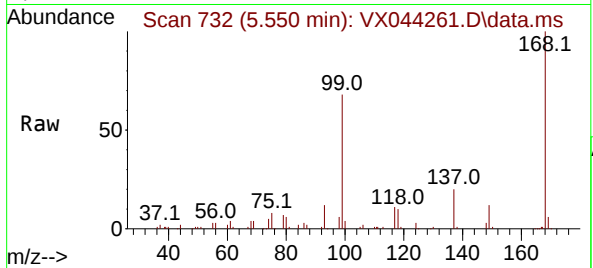




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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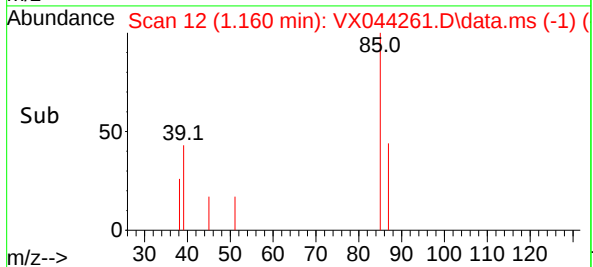
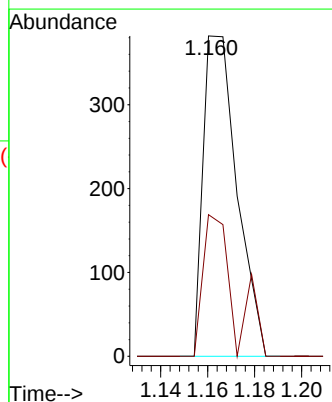
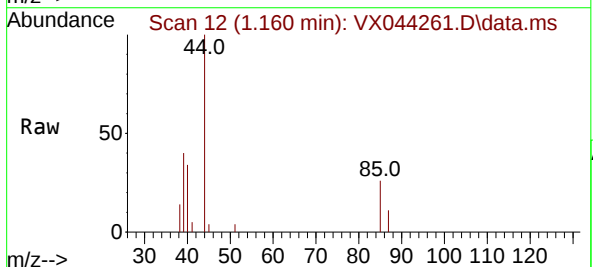
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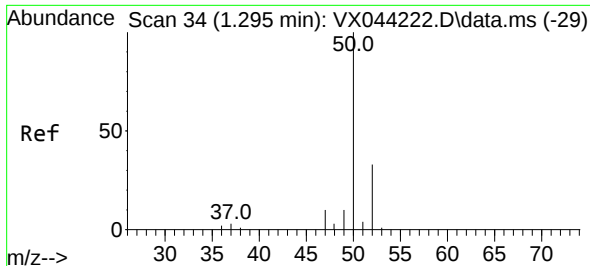
Tgt Ion:168 Resp: 104376
Ion Ratio Lower Upper
168 100
99 68.0 53.4 80.0



#2
Dichlorodifluoromethane
Concen: 0.237 ug/l
RT: 1.160 min Scan# 12
Delta R.T. -0.006 min
Lab File: VX044261.D
Acq: 12 Dec 2024 18:38

Tgt Ion: 85 Resp: 383
Ion Ratio Lower Upper
85 100
87 44.2 15.4 46.4

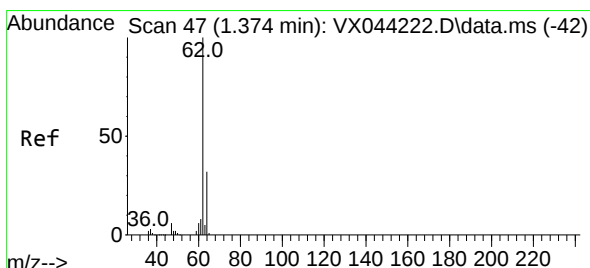
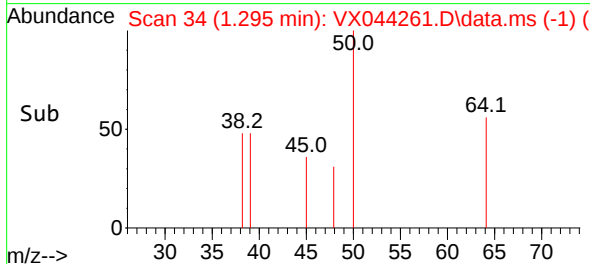
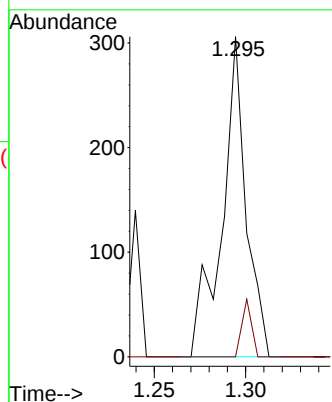
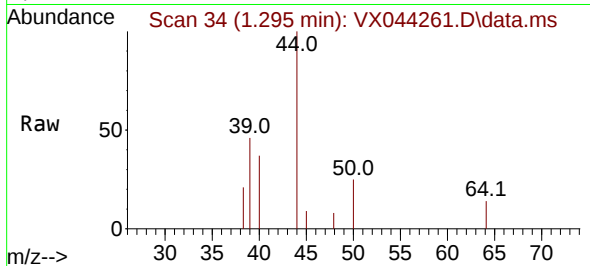




#3
Chloromethane
Concen: 0.182 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044261.D
Acq: 12 Dec 2024 18:38

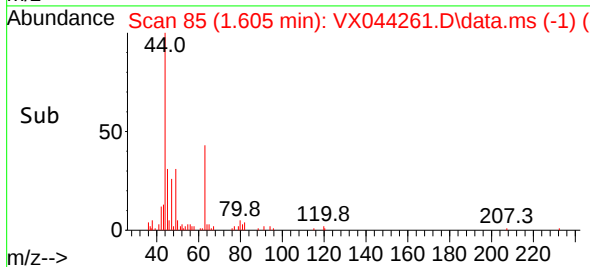
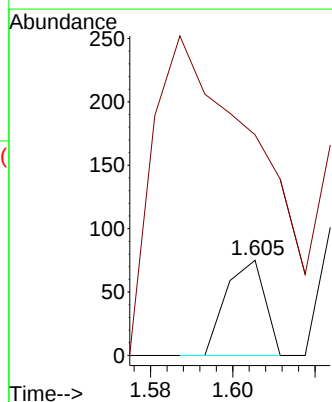
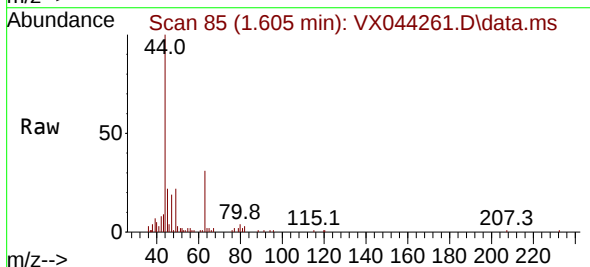
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ClientSampleId :

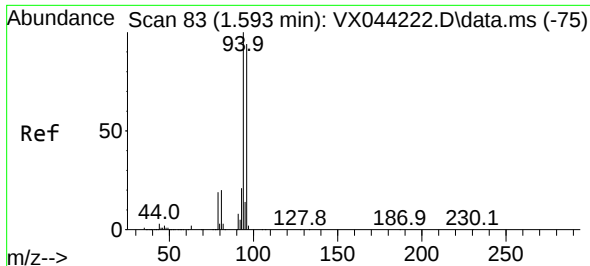
Tgt Ion: 50 Resp: 281
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#



#4
Vinyl Chloride
Concen: 0.030 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.232 min
Lab File: VX044261.D
Acq: 12 Dec 2024 18:38

Tgt Ion: 62 Resp: 49
Ion Ratio Lower Upper
62 100
64 46.7 25.7 38.5#

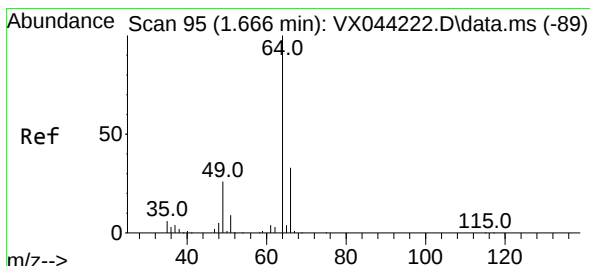
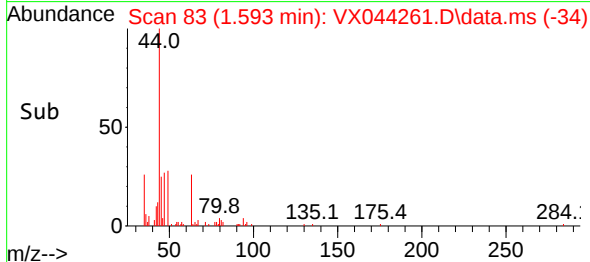
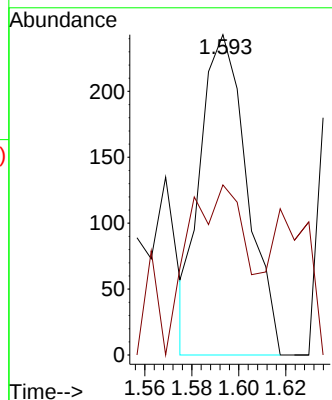
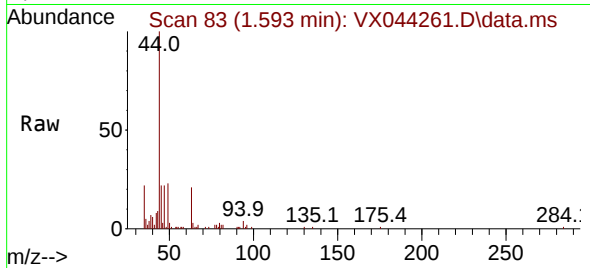




#5
Bromomethane
Concen: 0.294 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX044261.D
Acq: 12 Dec 2024 18:38

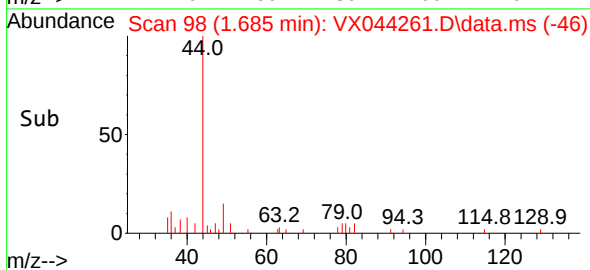
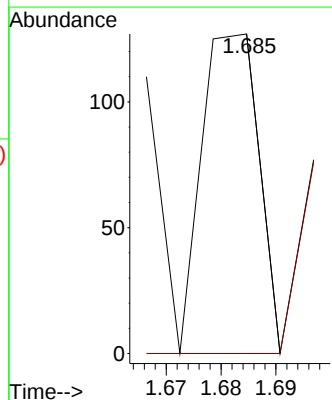
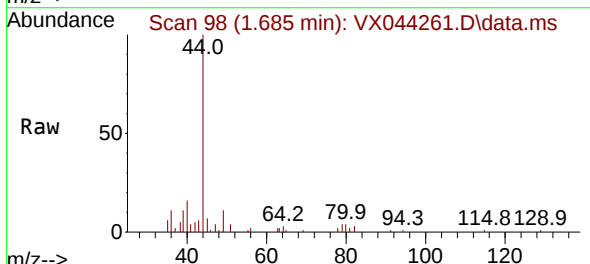
Instrument :
MSVOA_X
ClientSampleId :

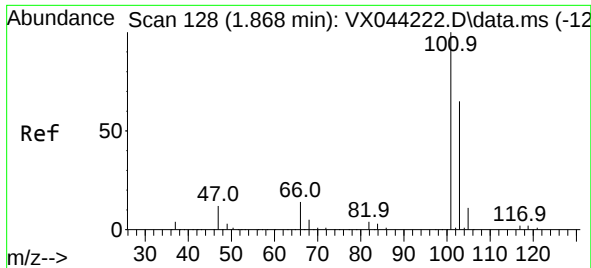
Tgt Ion: 94 Resp: 335
Ion Ratio Lower Upper
94 100
96 25.9 74.9 112.3#



#6
Chloroethane
Concen: 0.092 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.018 min
Lab File: VX044261.D
Acq: 12 Dec 2024 18:38

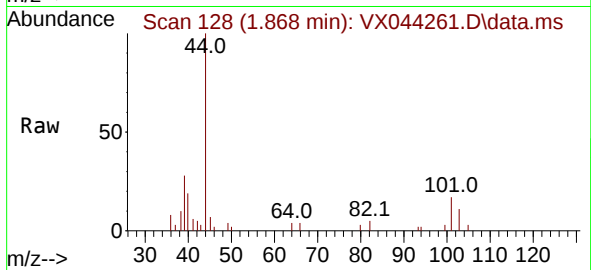
Tgt Ion: 64 Resp: 92
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#



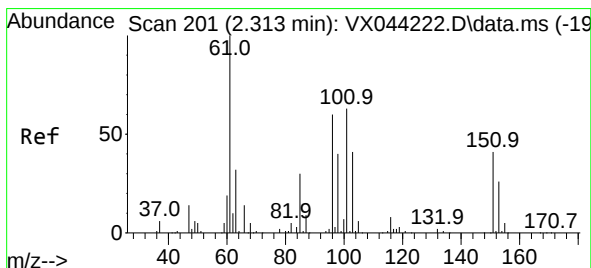
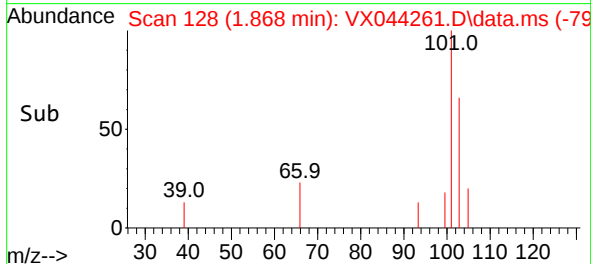
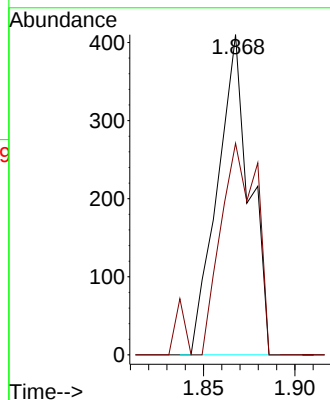


#7
 Trichlorofluoromethane
 Concen: 0.160 ug/l
 RT: 1.868 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX044261.D
 Acq: 12 Dec 2024 18:38

Instrument :
 MSVOA_X
 ClientSampleId :

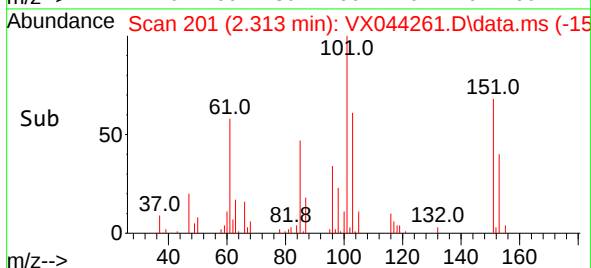
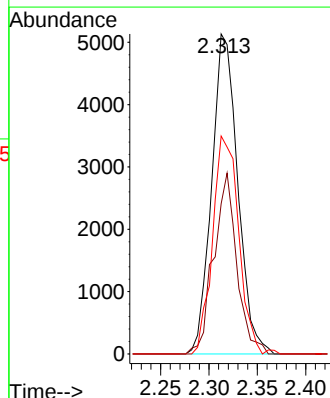
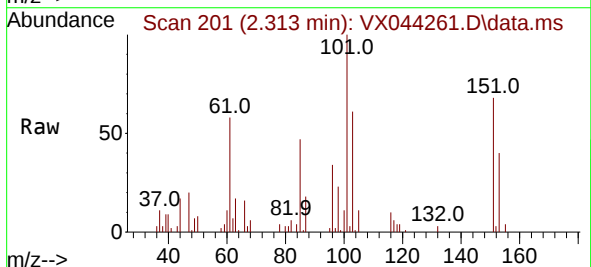


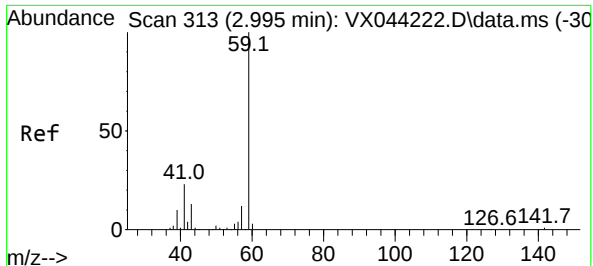
Tgt Ion:101 Resp: 505
 Ion Ratio Lower Upper
 101 100
 103 66.1 51.8 77.8



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 7.550 ug/l
 RT: 2.313 min Scan# 201
 Delta R.T. -0.000 min
 Lab File: VX044261.D
 Acq: 12 Dec 2024 18:38

Tgt Ion:101 Resp: 9616
 Ion Ratio Lower Upper
 101 100
 85 50.2 38.5 57.7
 151 68.2 55.8 83.6





#11

Tert butyl alcohol

Concen: 2.028 ug/l

RT: 2.934 min Scan# 303

Delta R.T. -0.061 min

Lab File: VX044261.D

Acq: 12 Dec 2024 18:38

Instrument :

MSVOA_X

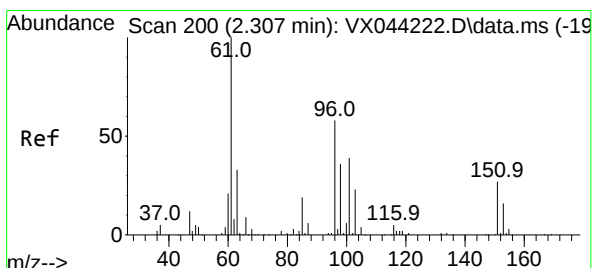
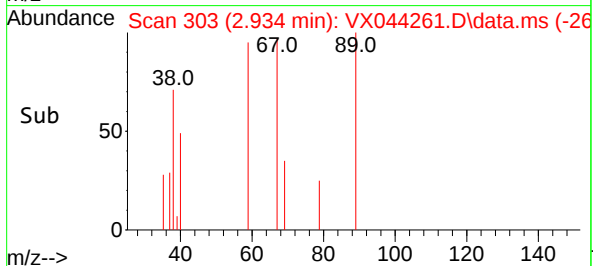
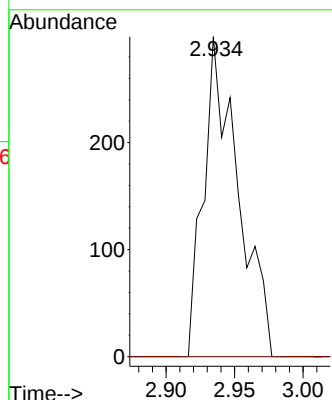
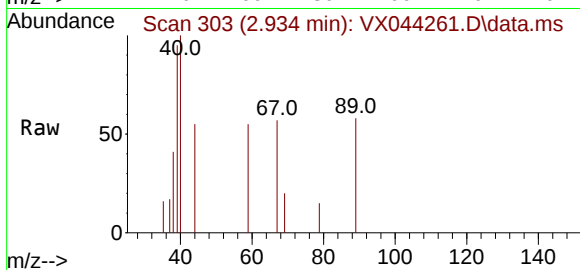
ClientSampleId :

Tgt Ion: 59 Resp: 523

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



#12

1,1-Dichloroethene

Concen: 2.997 ug/l

RT: 2.307 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX044261.D

Acq: 12 Dec 2024 18:38

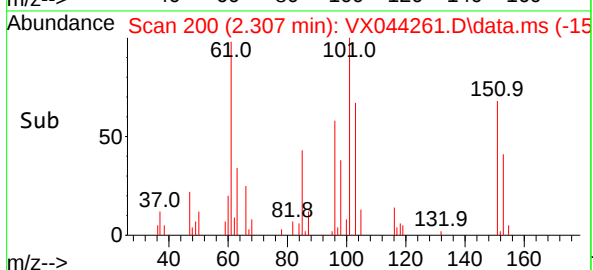
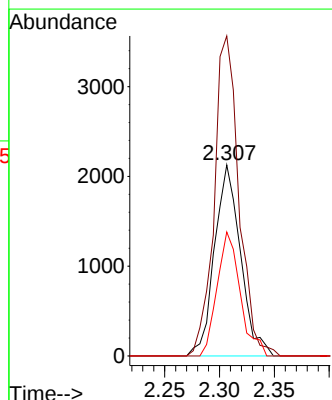
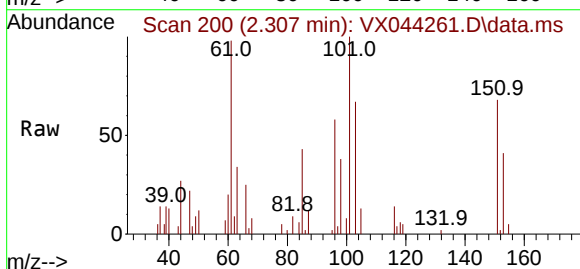
Tgt Ion: 96 Resp: 3506

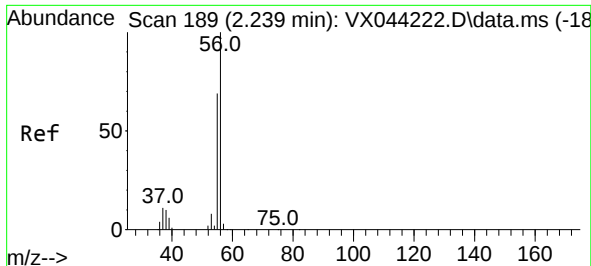
Ion Ratio Lower Upper

96 100

61 167.5 138.0 207.0

98 64.9 50.0 75.0





#13

Acrolein

Concen: 0.134 ug/l

RT: 2.124 min Scan# 11

Delta R.T. -0.116 min

Lab File: VX044261.D

Acq: 12 Dec 2024 18:38

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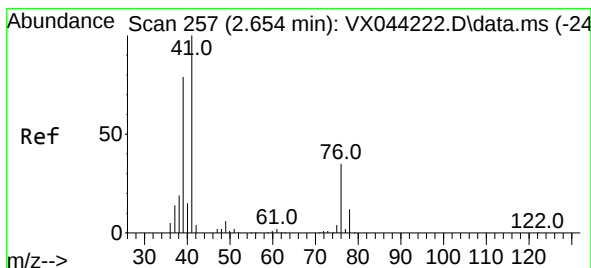
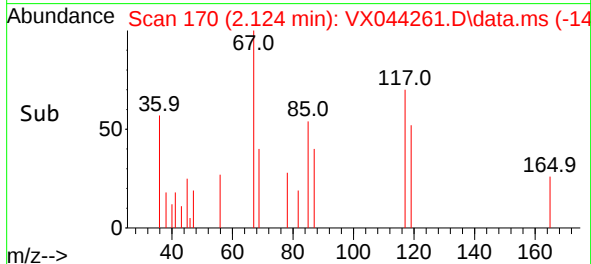
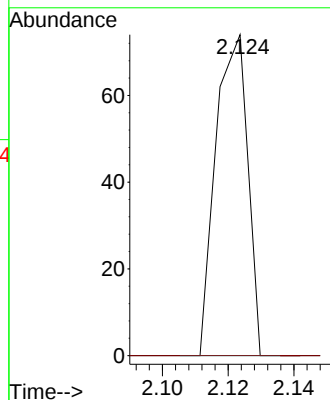
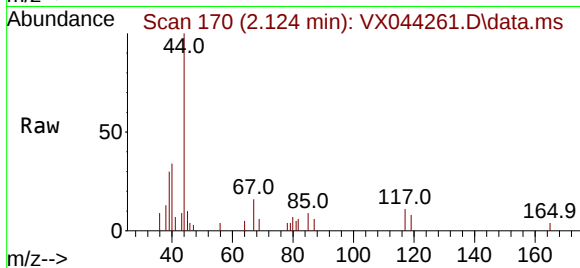
ClientSampleId :

Tgt Ion: 56 Resp: 50

Ion Ratio Lower Upper

56 100

55 0.0 56.6 84.8#



#14

Allyl chloride

Concen: 0.023 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.012 min

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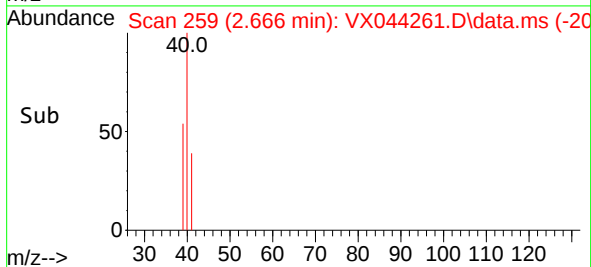
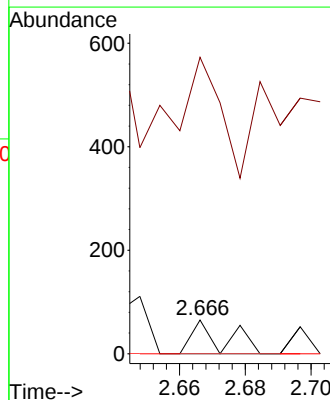
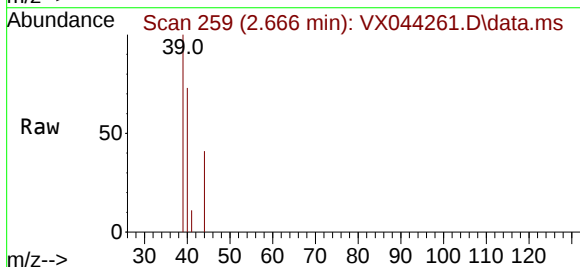
Tgt Ion: 41 Resp: 44

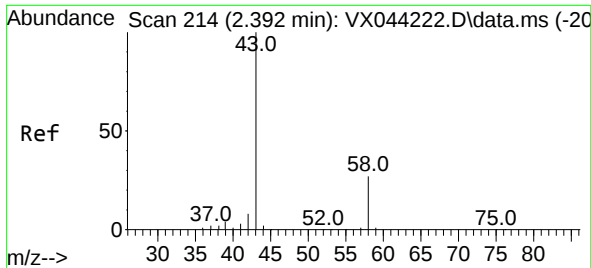
Ion Ratio Lower Upper

41 100

39 315.9 61.9 92.9#

76 0.0 27.4 41.2#

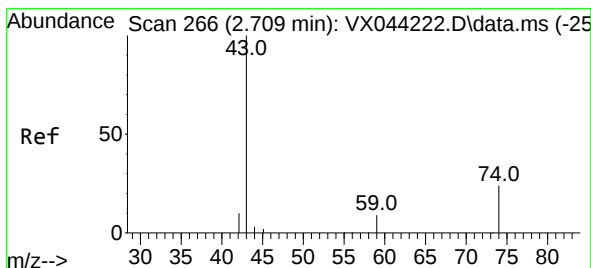
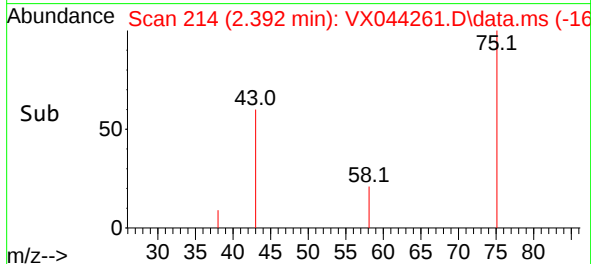
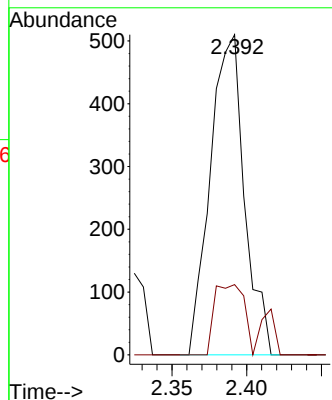
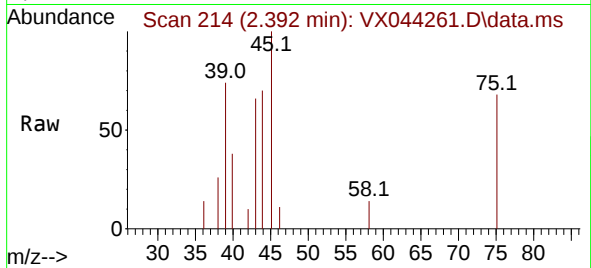




#16
Acetone
Concen: 1.087 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX044261.D
Acq: 12 Dec 2024 18:38

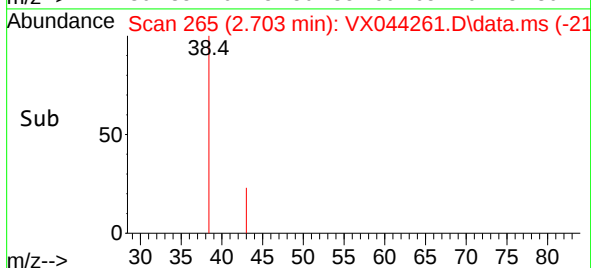
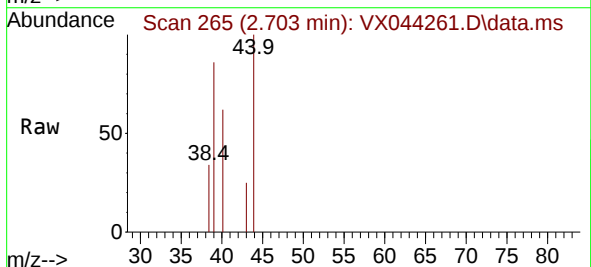
Instrument :
MSVOA_X
ClientSampleId :

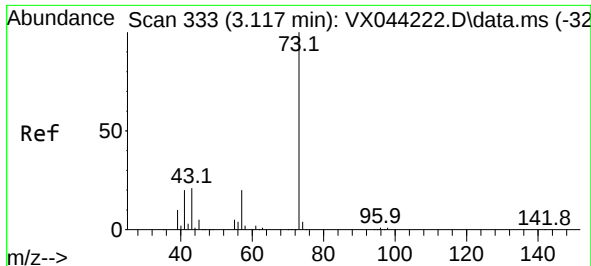
Tgt Ion: 43 Resp: 811
Ion Ratio Lower Upper
43 100
58 22.0 21.6 32.4



#18
Methyl Acetate
Concen: 0.120 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX044261.D
Acq: 12 Dec 2024 18:38

Tgt Ion: 43 Resp: 231
Ion Ratio Lower Upper
43 100
74 0.0 17.7 26.5#

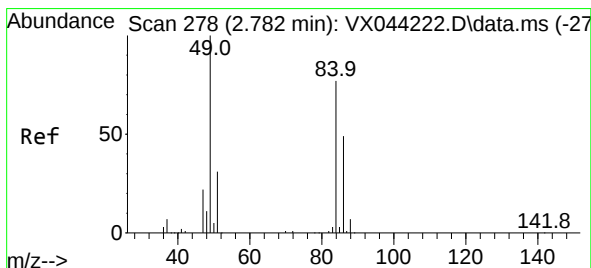
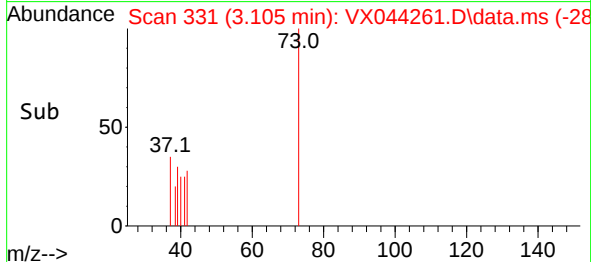
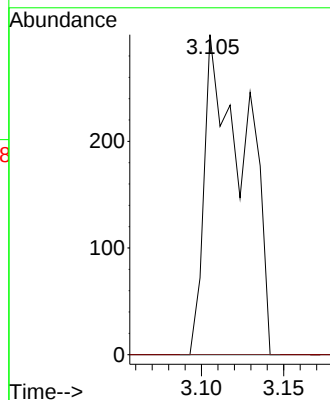
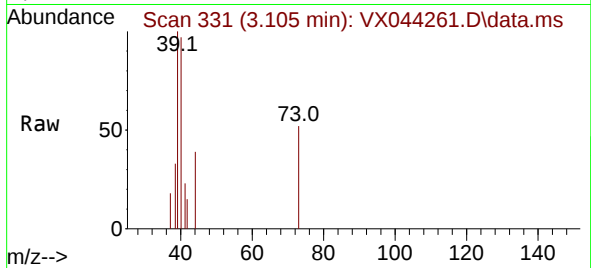




#19
Methyl tert-butyl Ether
Concen: 0.111 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX044261.D
Acq: 12 Dec 2024 18:38

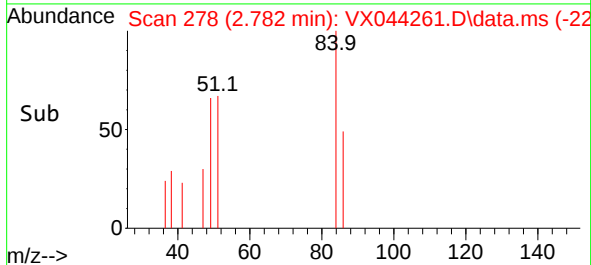
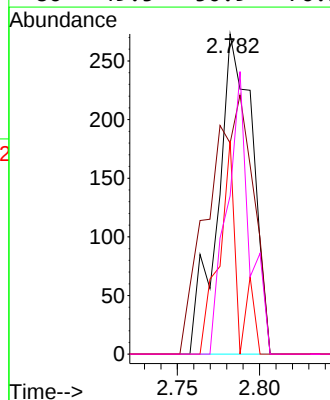
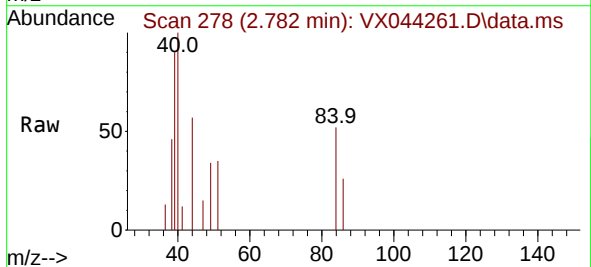
Instrument :
MSVOA_X
ClientSampleId :

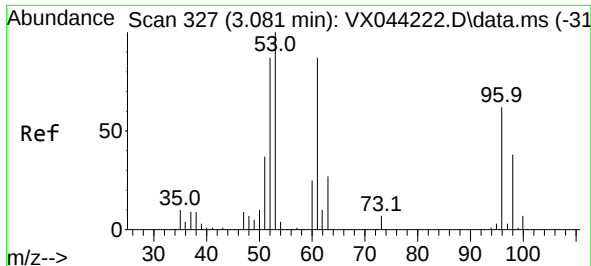
Tgt Ion: 73 Resp: 508
Ion Ratio Lower Upper
73 100
57 0.0 16.2 24.4#



#20
Methylene Chloride
Concen: 0.286 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044261.D
Acq: 12 Dec 2024 18:38

Tgt Ion: 84 Resp: 401
Ion Ratio Lower Upper
84 100
49 65.9 104.2 156.4#
51 66.7 32.2 48.4#
86 49.5 50.9 76.3#





#21

trans-1,2-Dichloroethene

Concen: 0.027 ug/l

RT: 3.075 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX044261.D

Acq: 12 Dec 2024 18:38

Instrument :

MSVOA_X

ClientSampleId :

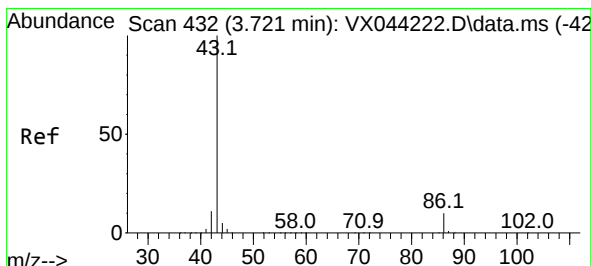
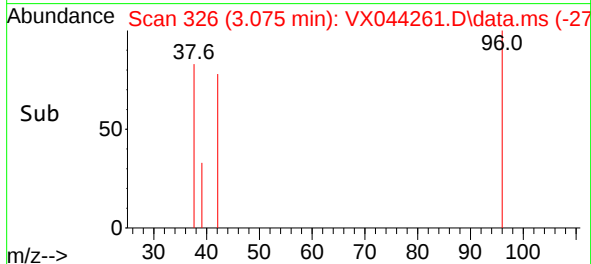
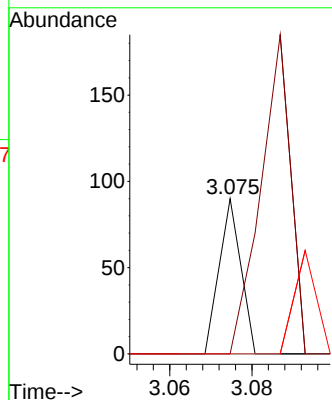
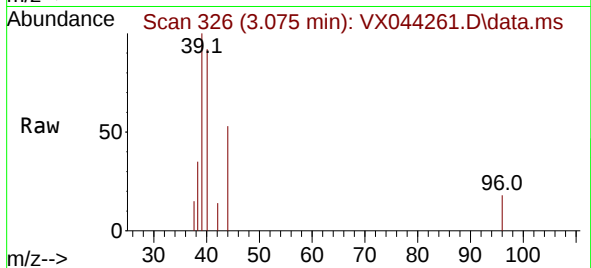
Tgt Ion: 96 Resp: 33

Ion Ratio Lower Upper

96 100

61 0.0 112.0 168.0#

98 0.0 48.8 73.2#



#23

Vinyl Acetate

Concen: 0.019 ug/l

RT: 3.440 min Scan# 386

Delta R.T. -0.280 min

Lab File: VX044261.D

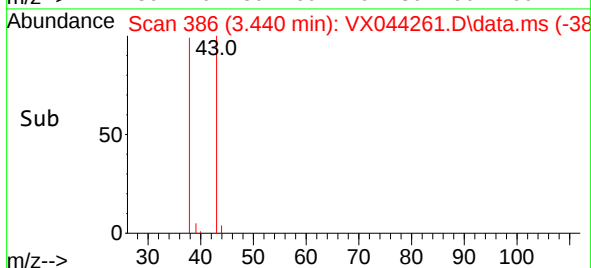
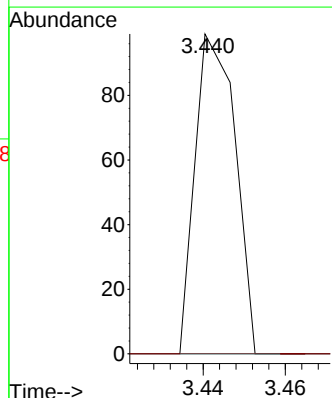
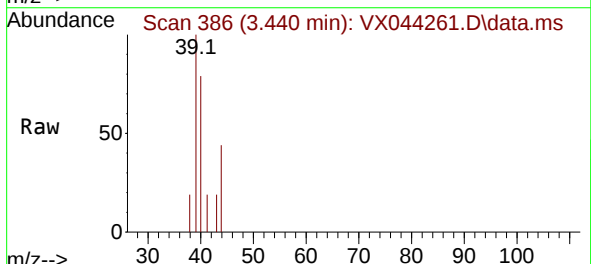
Acq: 12 Dec 2024 18:38

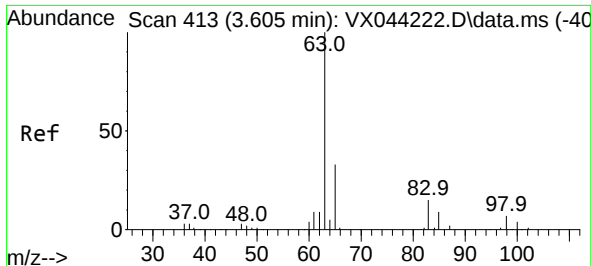
Tgt Ion: 43 Resp: 67

Ion Ratio Lower Upper

43 100

86 0.0 8.2 12.2#

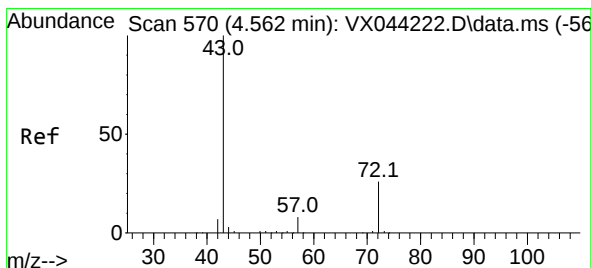
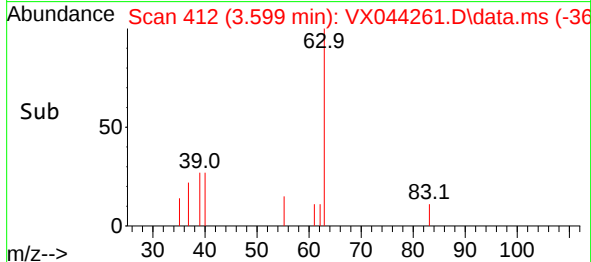
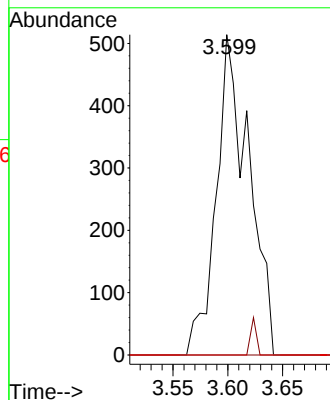
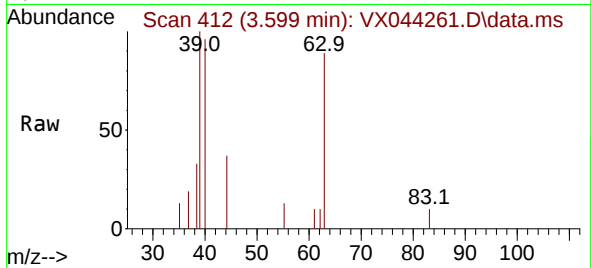




#24
1,1-Dichloroethane
Concen: 0.433 ug/l
RT: 3.599 min Scan# 413
Delta R.T. -0.006 min
Lab File: VX044261.D
Acq: 12 Dec 2024 18:38

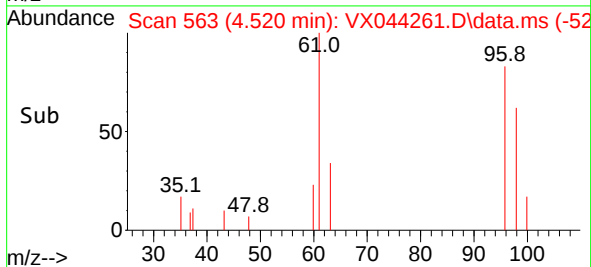
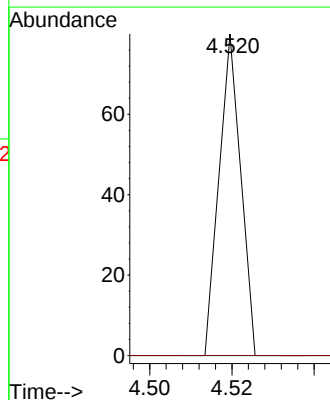
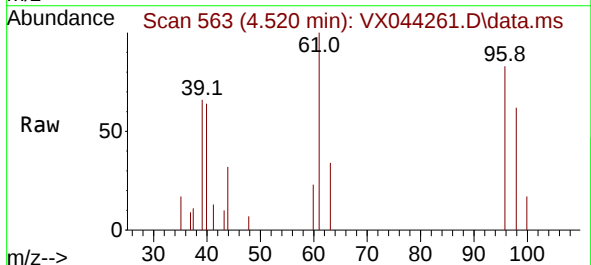
Instrument :
MSVOA_X
ClientSampleId :

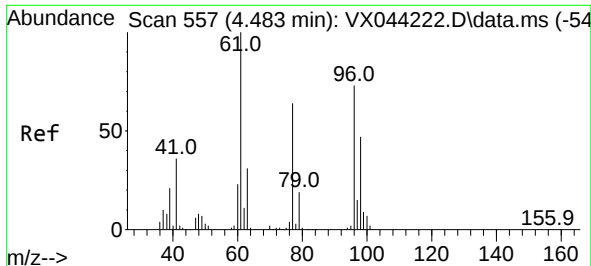
Tgt Ion: 63 Resp: 1059
Ion Ratio Lower Upper
63 100
98 0.0 3.6 10.8#
100 0.0 2.1 6.3#



#25
2-Butanone
Concen: 0.027 ug/l
RT: 4.520 min Scan# 563
Delta R.T. -0.043 min
Lab File: VX044261.D
Acq: 12 Dec 2024 18:38

Tgt Ion: 43 Resp: 29
Ion Ratio Lower Upper
43 100
72 0.0 20.2 30.4#





#27

cis-1,2-Dichloroethene

Concen: 3.900 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX044261.D

Acq: 12 Dec 2024 18:38

Instrument :

MSVOA_X

ClientSampleId :

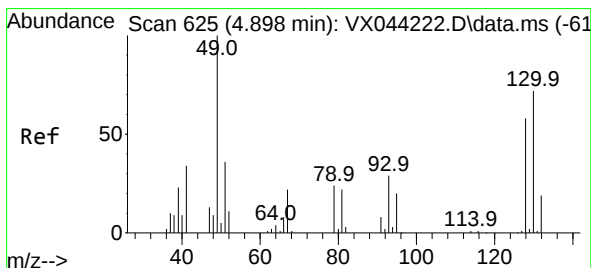
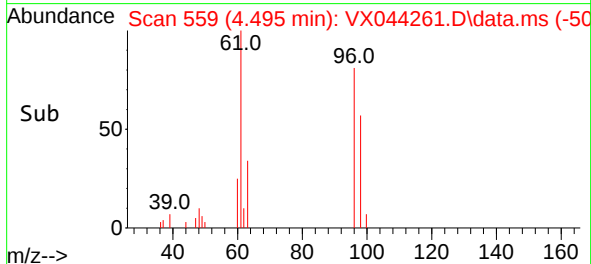
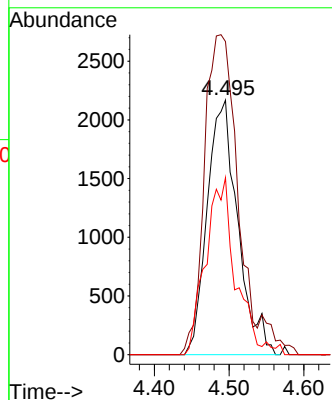
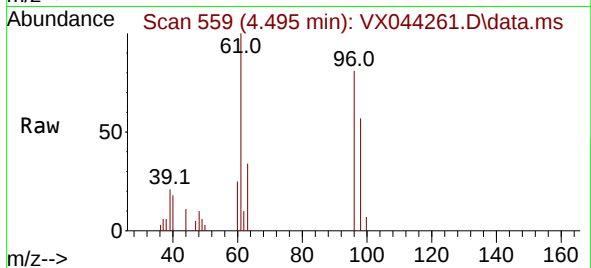
Tgt Ion: 96 Resp: 6158

Ion Ratio Lower Upper

96 100

61 133.3 0.0 299.0

98 66.8 0.0 129.0



#28

Bromochloromethane

Concen: 0.037 ug/l

RT: 5.080 min Scan# 655

Delta R.T. 0.183 min

Lab File: VX044261.D

Acq: 12 Dec 2024 18:38

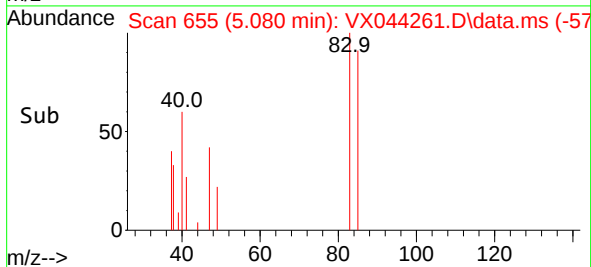
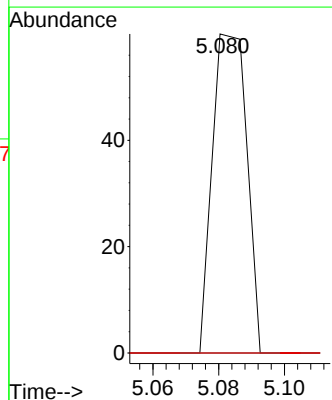
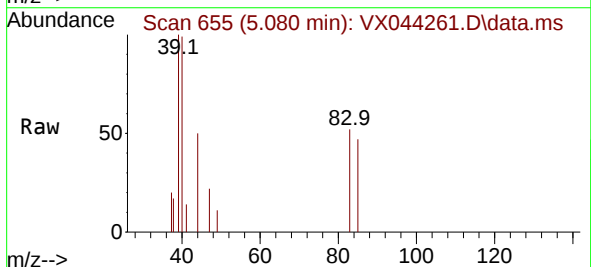
Tgt Ion: 49 Resp: 44

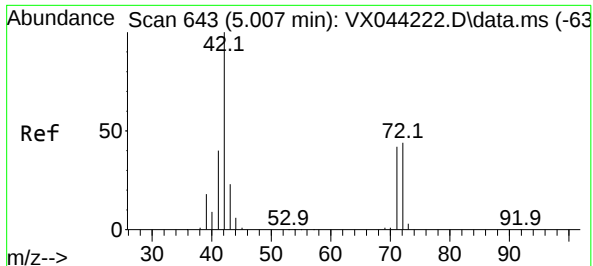
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

130 0.0 62.1 93.1#





#29

Tetrahydrofuran

Concen: 0.097 ug/l

RT: 5.044 min Scan# 64

Delta R.T. 0.037 min

Lab File: VX044261.D

Acq: 12 Dec 2024 18:38

Instrument :

MSVOA_X

ClientSampleId :

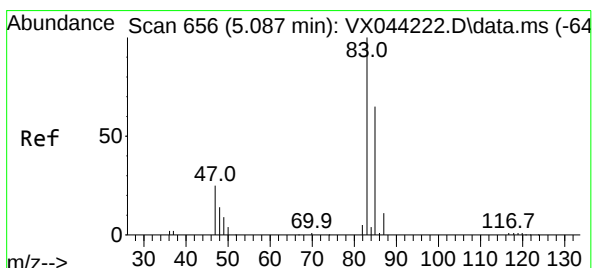
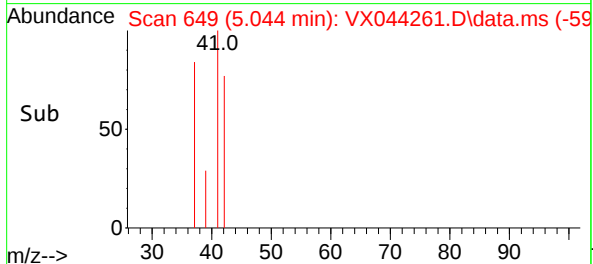
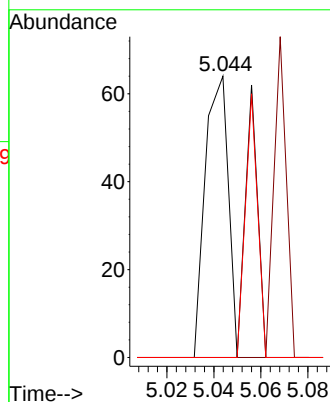
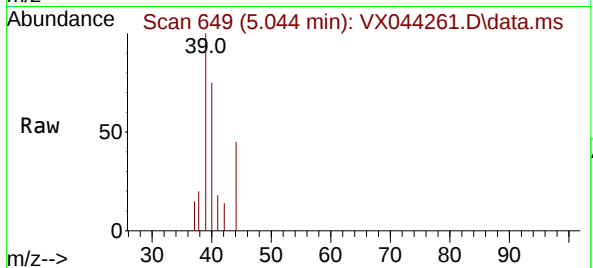
Tgt Ion: 42 Resp: 66

Ion Ratio Lower Upper

42 100

72 0.0 37.0 55.6#

71 0.0 33.6 50.4#



#30

Chloroform

Concen: 0.445 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.012 min

Lab File: VX044261.D

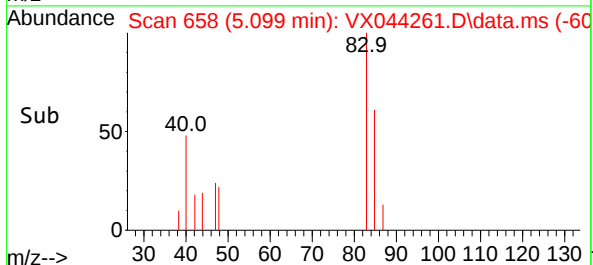
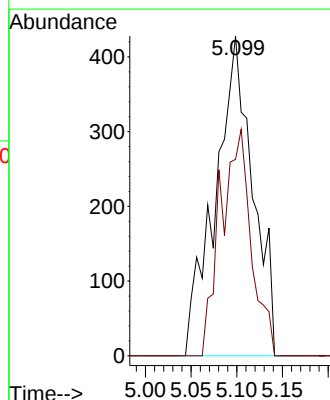
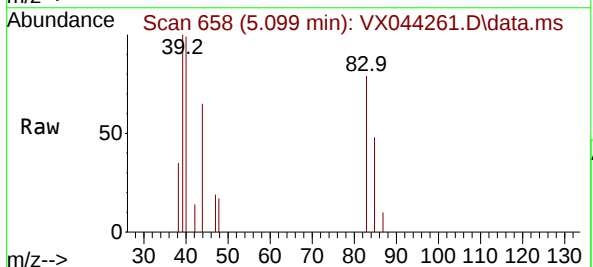
Acq: 12 Dec 2024 18:38

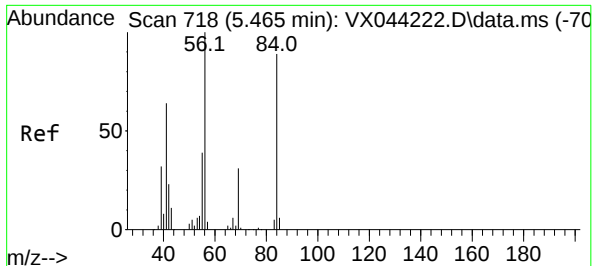
Tgt Ion: 83 Resp: 1224

Ion Ratio Lower Upper

83 100

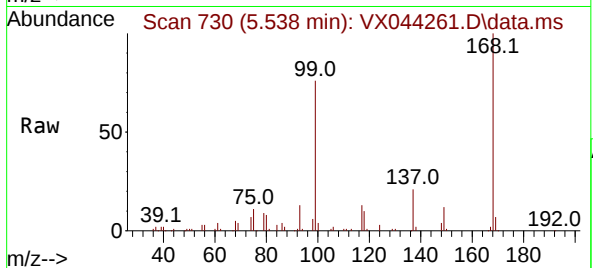
85 61.4 51.6 77.4



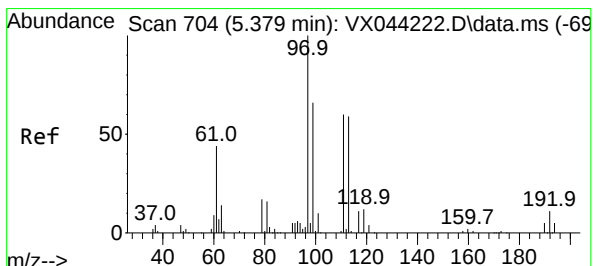
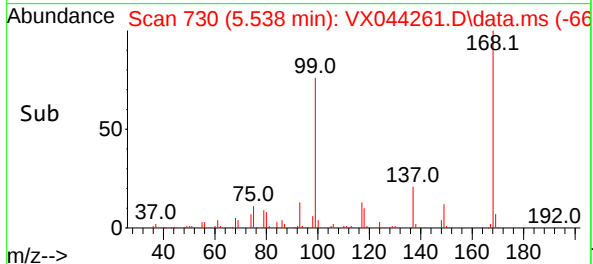
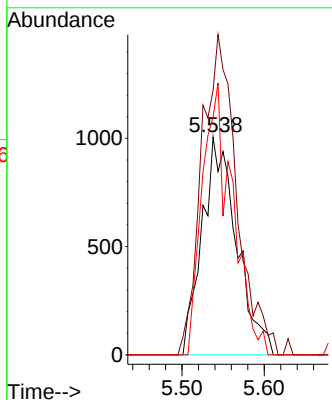


#31
Cyclohexane
Concen: 1.487 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX044261.D
Acq: 12 Dec 2024 18:38

Instrument :
MSVOA_X
ClientSampleId :

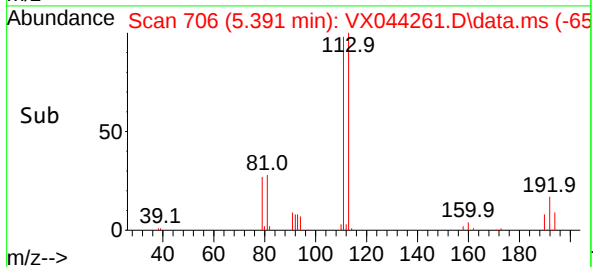
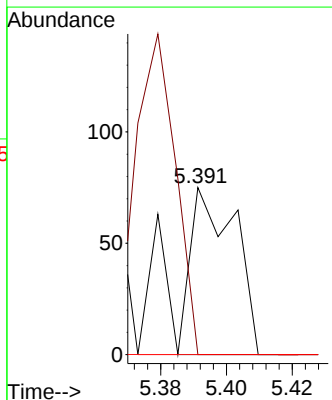
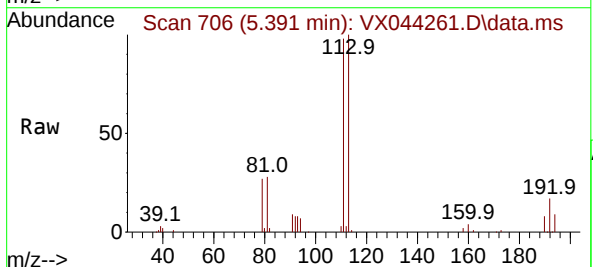


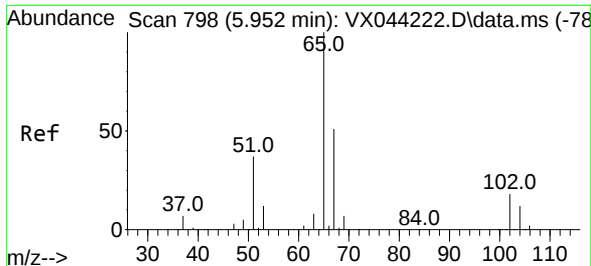
Tgt Ion: 56 Resp: 2938
Ion Ratio Lower Upper
56 100
69 121.4 24.7 37.1#
84 109.1 71.0 106.6#



#32
1,1,1-Trichloroethane
Concen: 0.031 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.012 min
Lab File: VX044261.D
Acq: 12 Dec 2024 18:38

Tgt Ion: 97 Resp: 71
Ion Ratio Lower Upper
97 100
99 0.0 50.8 76.2#
61 0.0 35.2 52.8#





#33

1,2-Dichloroethane-d4

Concen: 50.961 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX044261.D

Acq: 12 Dec 2024 18:38

Instrument :

MSVOA_X

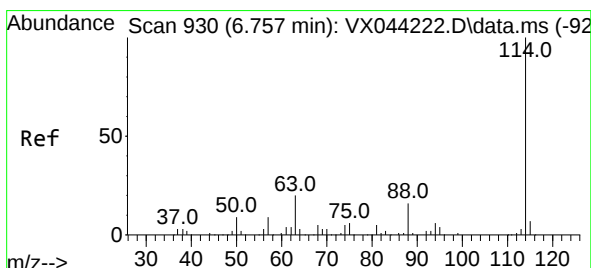
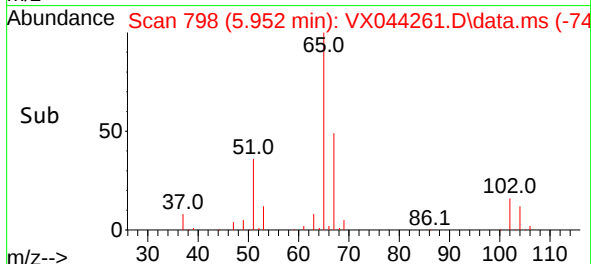
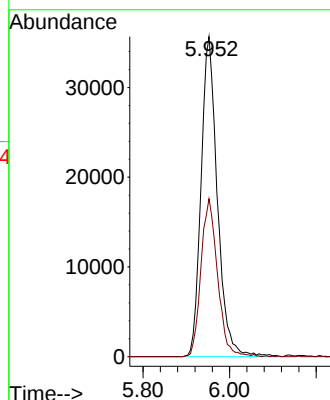
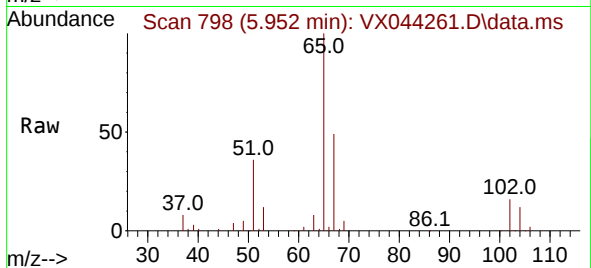
ClientSampleId :

Tgt Ion: 65 Resp: 93261

Ion Ratio Lower Upper

65 100

67 50.1 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044261.D

Acq: 12 Dec 2024 18:38

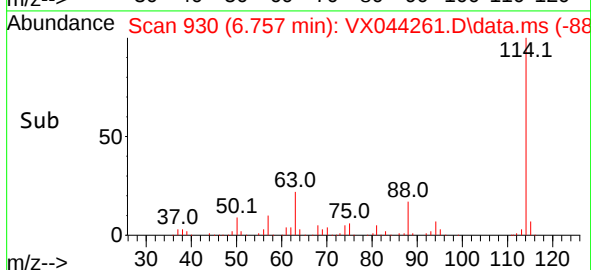
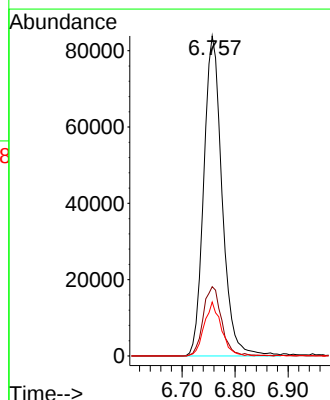
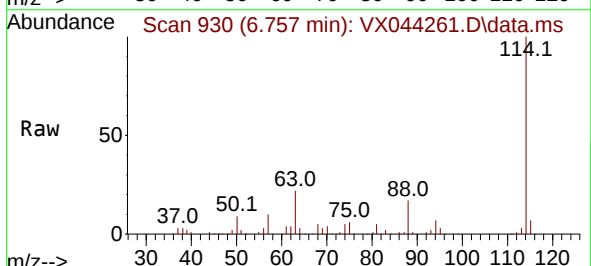
Tgt Ion: 114 Resp: 201532

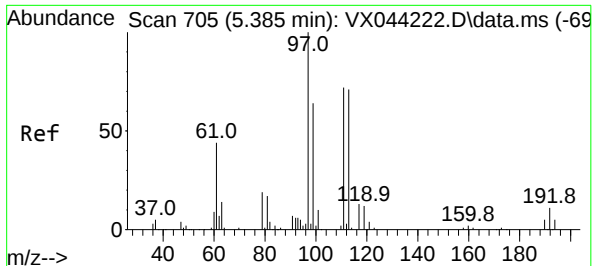
Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.6

88 16.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 46.867 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

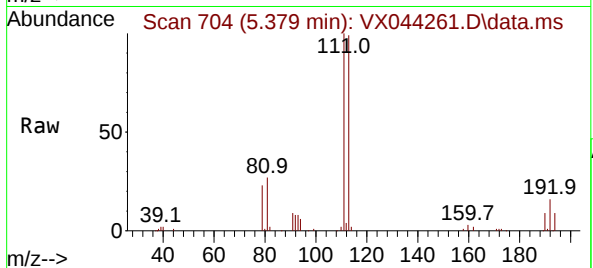
Lab File: VX044261.D

Acq: 12 Dec 2024 18:38

Instrument :

MSVOA_X

ClientSampleId :



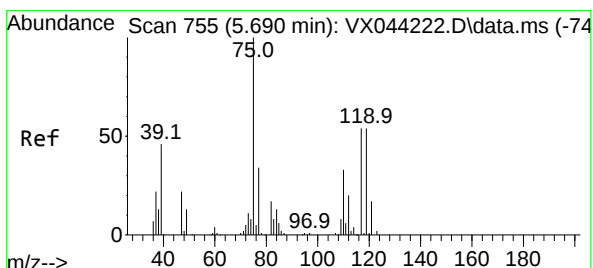
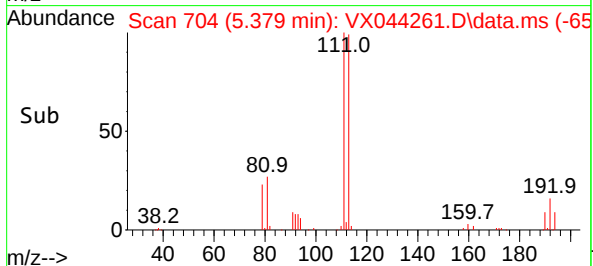
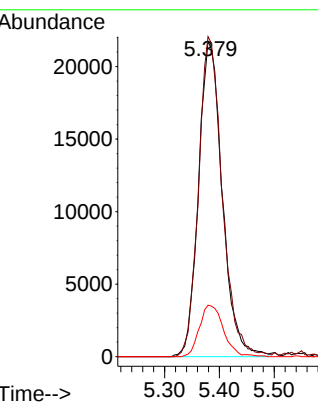
Tgt Ion:113 Resp: 65417

Ion Ratio Lower Upper

113 100

111 100.8 80.4 120.6

192 16.6 13.3 19.9



#36

1,1-Dichloropropene

Concen: 5.694 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX044261.D

Acq: 12 Dec 2024 18:38

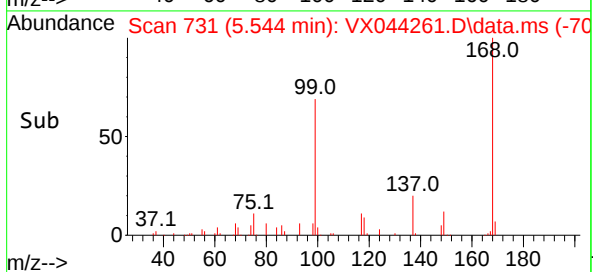
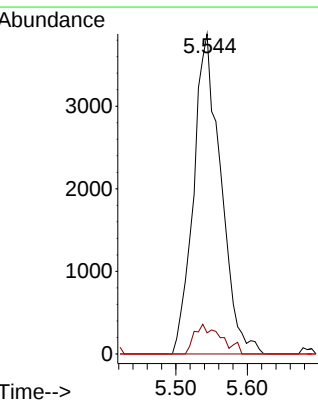
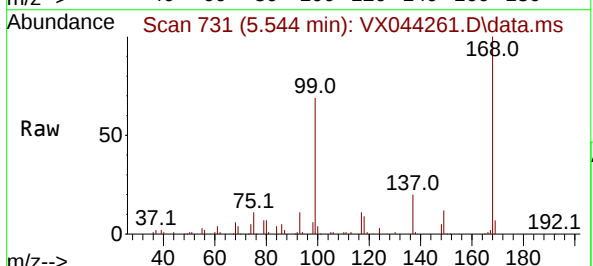
Tgt Ion: 75 Resp: 10273

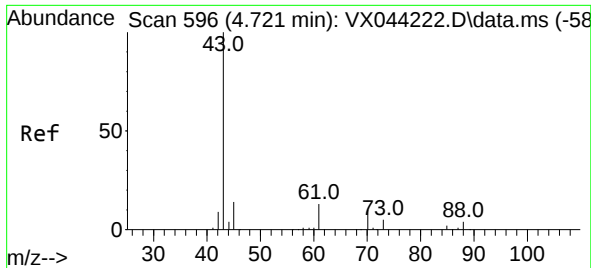
Ion Ratio Lower Upper

75 100

110 9.0 17.3 51.7#

77 0.0 25.4 38.0#





#37

Ethyl Acetate

Concen: 0.013 ug/l

RT: 4.520 min Scan# 50

Delta R.T. -0.201 min

Lab File: VX044261.D

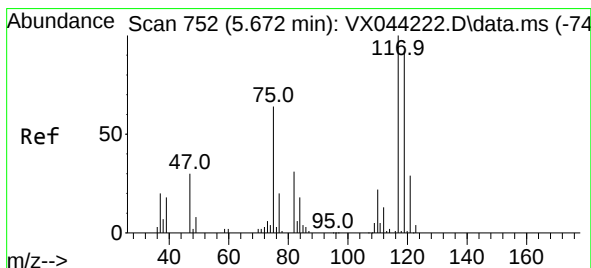
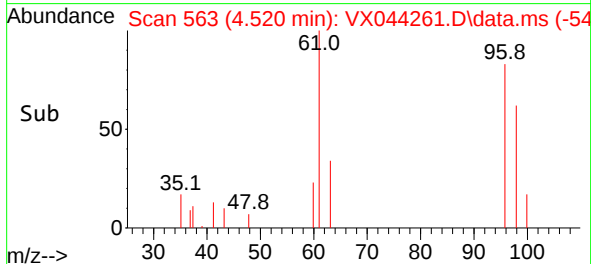
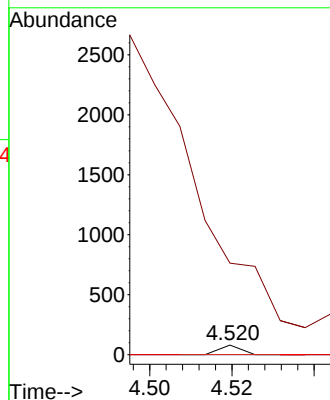
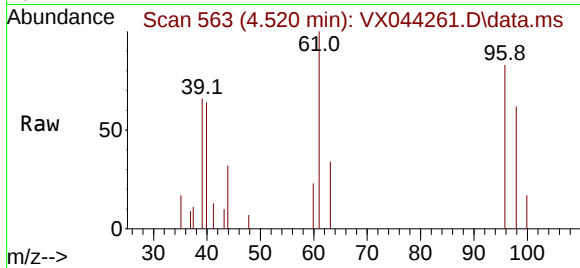
Acq: 12 Dec 2024 18:38

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43	Resp:	29
Ion	Ratio	Lower Upper
43	100	
61	0.0	9.8 14.8#
70	0.0	7.7 11.5#



#38

Carbon Tetrachloride

Concen: 0.241 ug/l

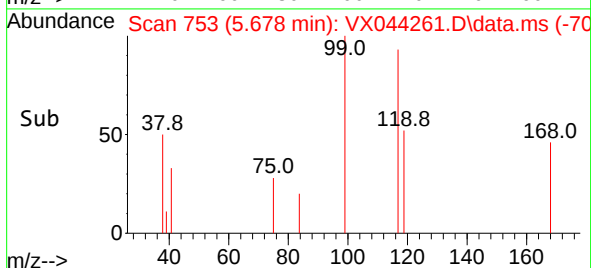
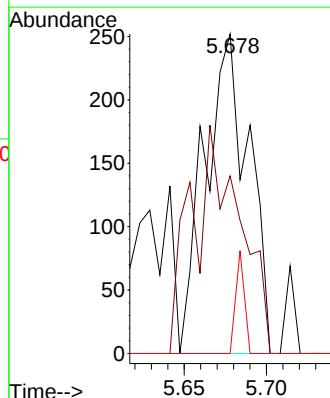
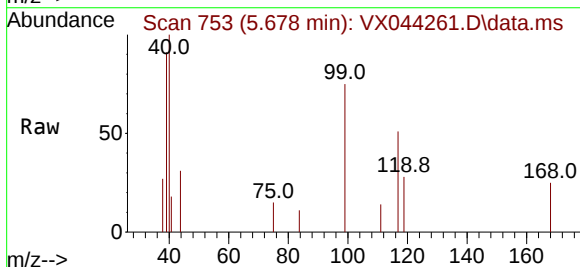
RT: 5.678 min Scan# 753

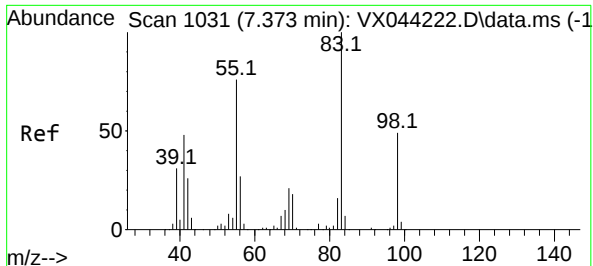
Delta R.T. 0.006 min

Lab File: VX044261.D

Acq: 12 Dec 2024 18:38

Tgt Ion: 117	Resp:	468
Ion	Ratio	Lower Upper
117	100	
119	55.6	74.2 111.4#
121	0.0	23.0 34.6#





#39

Methylcyclohexane

Concen: 3.351 ug/l

RT: 7.117 min Scan# 91

Delta R.T. -0.256 min

Lab File: VX044261.D

Acq: 12 Dec 2024 18:38

Instrument :

MSVOA_X

ClientSampleId :

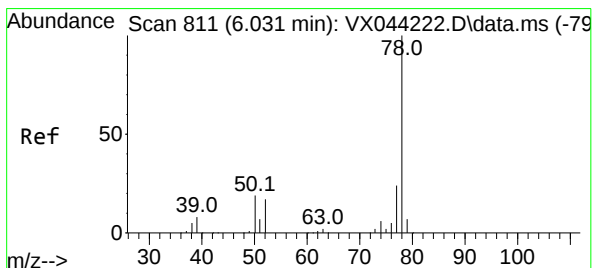
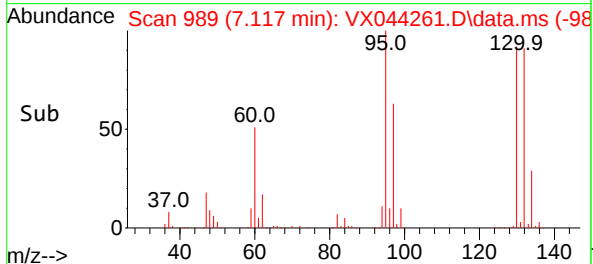
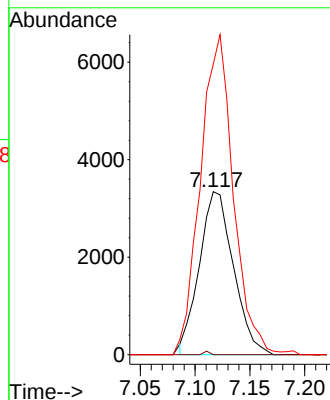
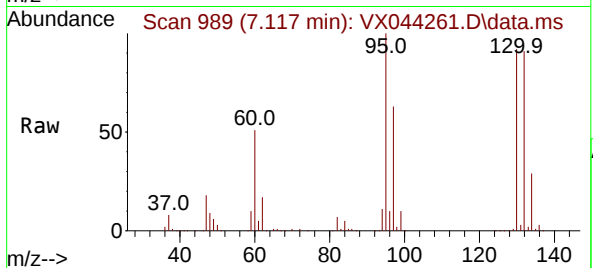
Tgt Ion: 83 Resp: 7227

Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 176.6 38.9 58.3#



#40

Benzene

Concen: 0.020 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX044261.D

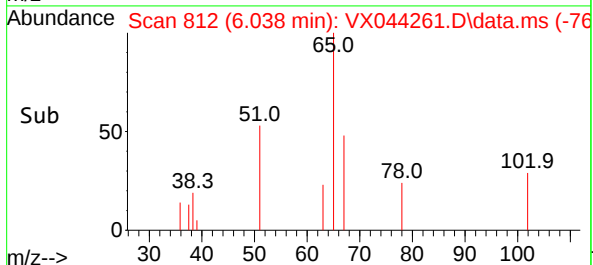
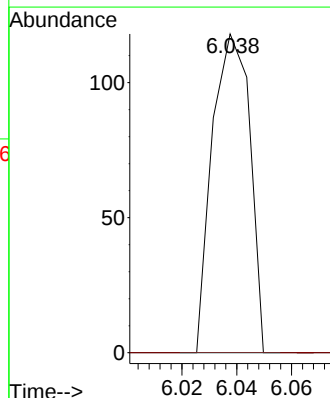
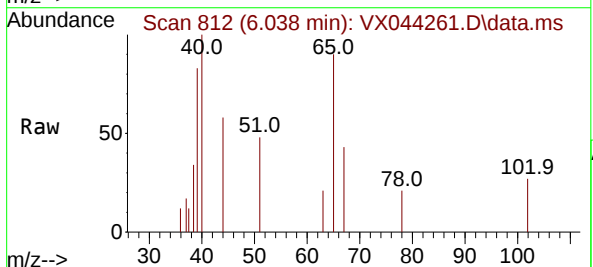
Acq: 12 Dec 2024 18:38

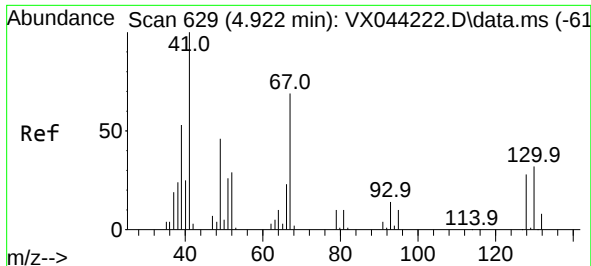
Tgt Ion: 78 Resp: 112

Ion Ratio Lower Upper

78 100

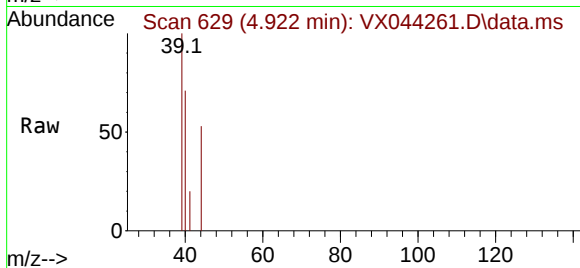
77 0.0 19.3 28.9#



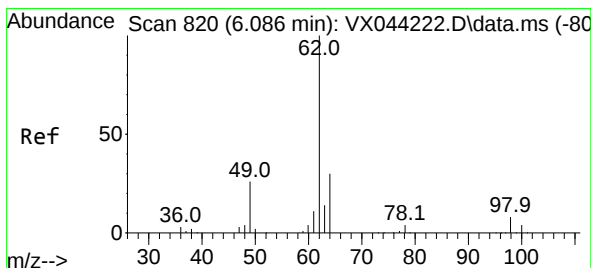
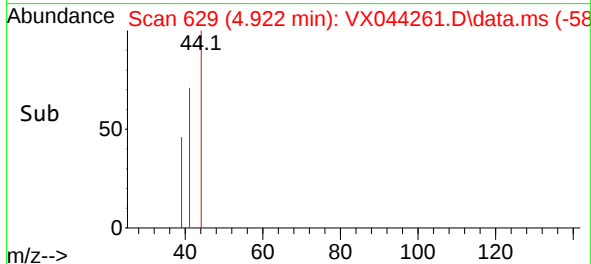
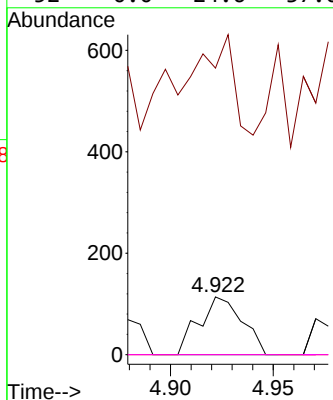


#41
Methacrylonitrile
Concen: 0.141 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX044261.D
Acq: 12 Dec 2024 18:38

Instrument :
MSVOA_X
ClientSampleId :

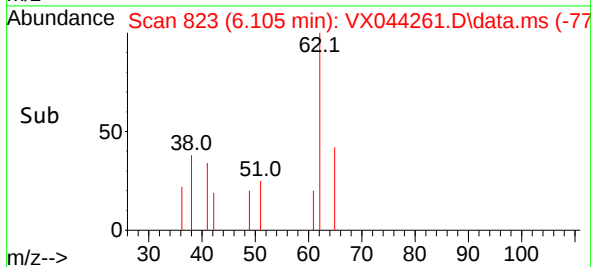
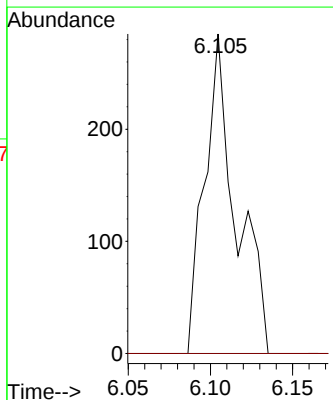
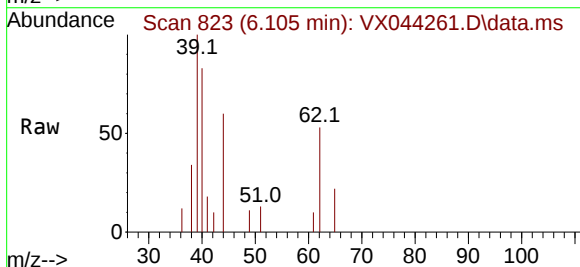


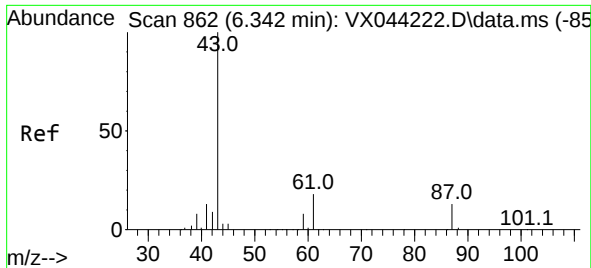
Tgt Ion:	41	Resp:	167
Ion	Ratio	Lower	Upper
41	100		
39	194.6	44.2	66.4#
67	0.0	57.2	85.8#
52	0.0	24.6	37.0#



#42
1,2-Dichloroethane
Concen: 0.168 ug/l
RT: 6.105 min Scan# 823
Delta R.T. 0.018 min
Lab File: VX044261.D
Acq: 12 Dec 2024 18:38

Tgt Ion:	62	Resp:	379
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	15.8

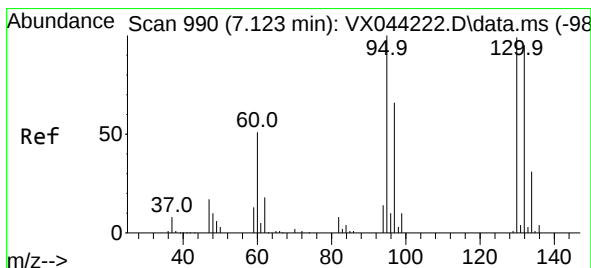
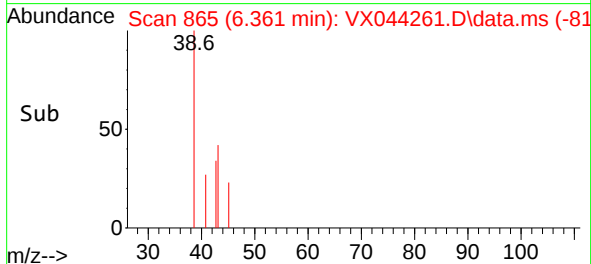
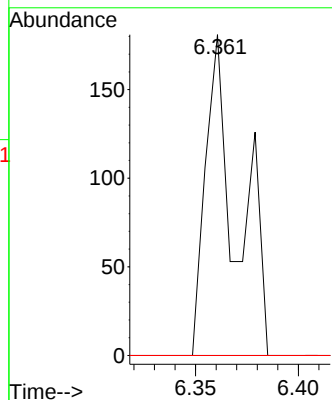
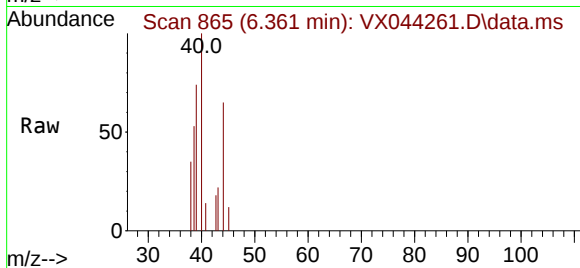




#43
Isopropyl Acetate
Concen: 0.055 ug/l
RT: 6.361 min Scan# 80
Delta R.T. 0.018 min
Lab File: VX044261.D
Acq: 12 Dec 2024 18:38

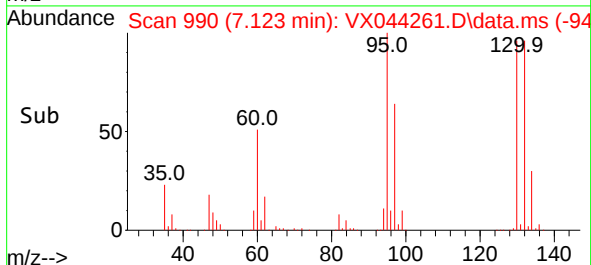
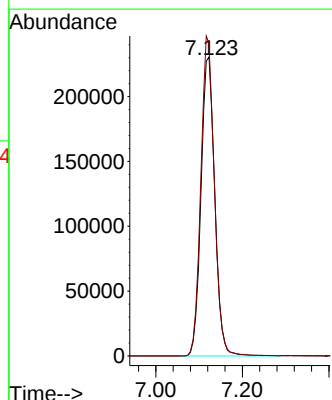
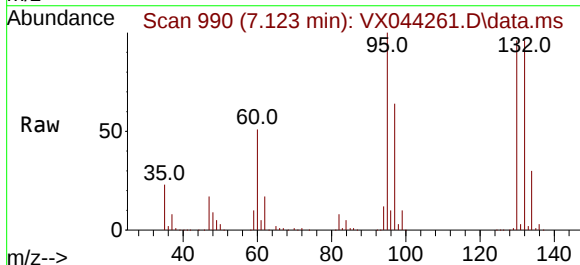
Instrument :
MSVOA_X
ClientSampleId :

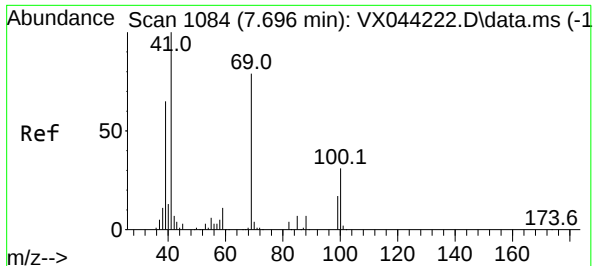
Tgt Ion: 43 Resp: 190
Ion Ratio Lower Upper
43 100
61 0.0 14.2 21.2#
87 0.0 10.2 15.2#



#44
Trichloroethene
Concen: 372.648 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX044261.D
Acq: 12 Dec 2024 18:38

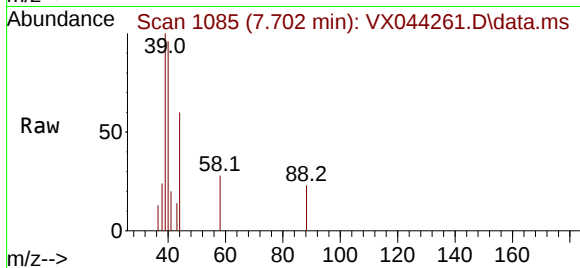
Tgt Ion:130 Resp: 509063
Ion Ratio Lower Upper
130 100
95 104.4 0.0 201.4



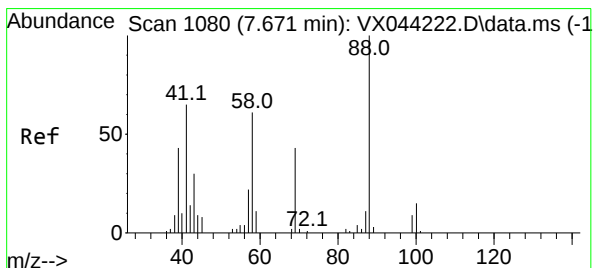
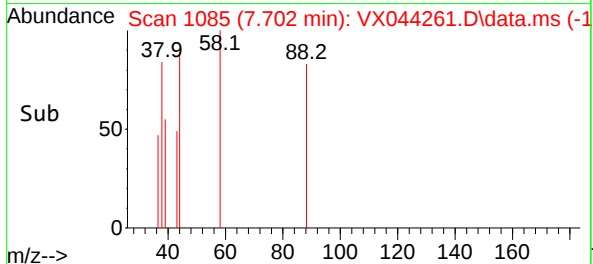
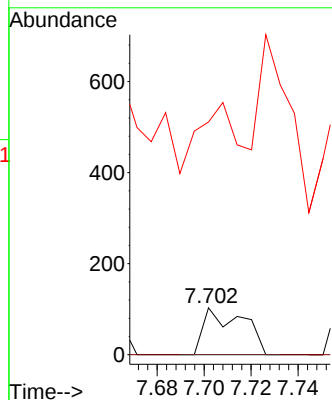


#48
Methyl methacrylate
Concen: 0.070 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX044261.D
Acq: 12 Dec 2024 18:38

Instrument :
MSVOA_X
ClientSampleId :

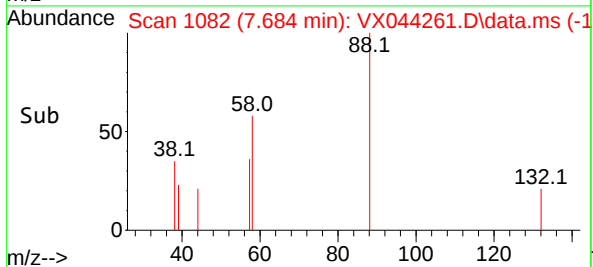
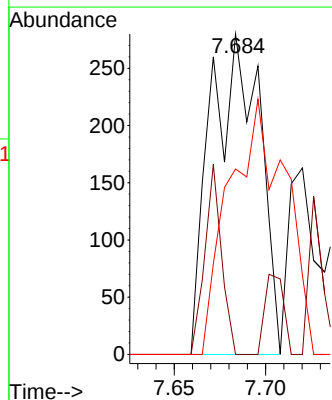
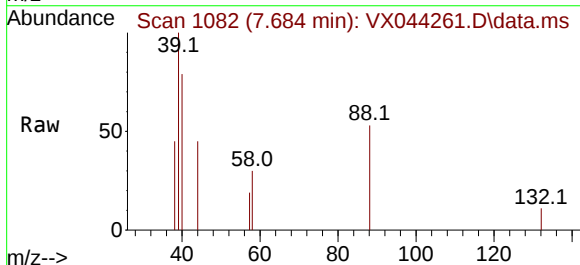


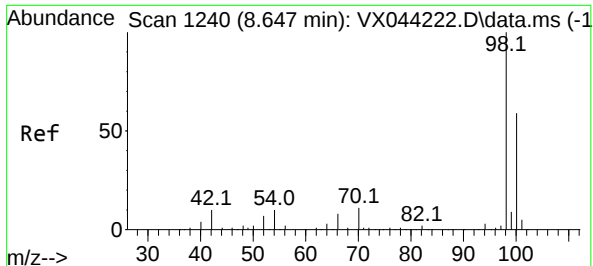
Tgt Ion: 41 Resp: 119
Ion Ratio Lower Upper
41 100
69 0.0 62.4 93.6#
39 207.6 53.3 79.9#



#49
1,4-Dioxane
Concen: 18.677 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. 0.012 min
Lab File: VX044261.D
Acq: 12 Dec 2024 18:38

Tgt Ion: 88 Resp: 524
Ion Ratio Lower Upper
88 100
43 20.2 27.1 40.7#
58 0.0 41.0 61.4#





#50

Toluene-d8

Concen: 51.966 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX044261.D

Acq: 12 Dec 2024 18:38

Instrument :

MSVOA_X

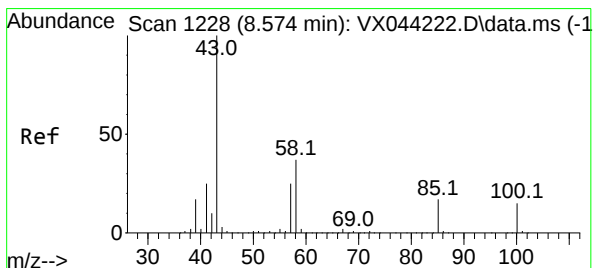
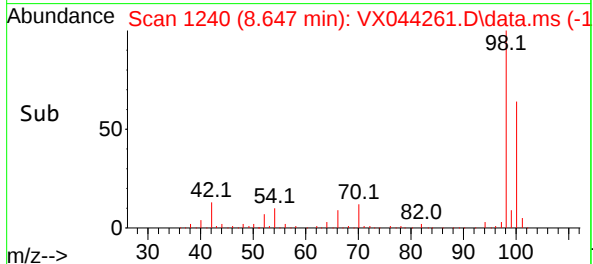
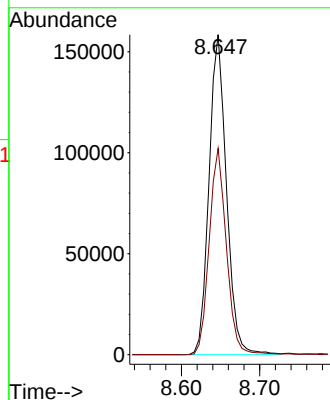
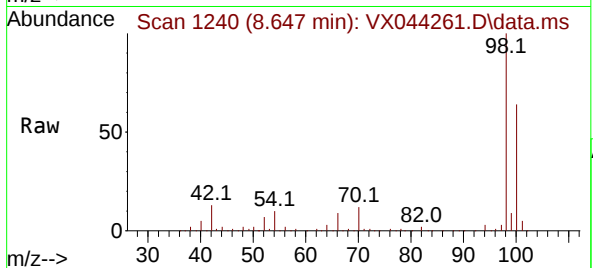
ClientSampleId :

Tgt Ion: 98 Resp: 244709

Ion Ratio Lower Upper

98 100

100 63.8 51.5 77.3



#51

4-Methyl-2-Pentanone

Concen: 0.627 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX044261.D

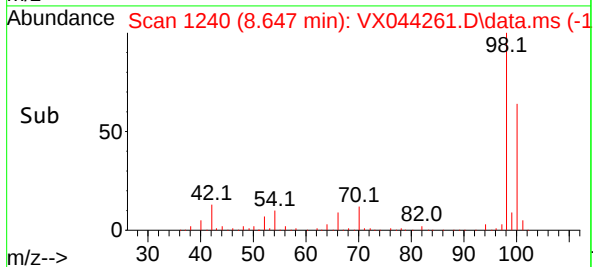
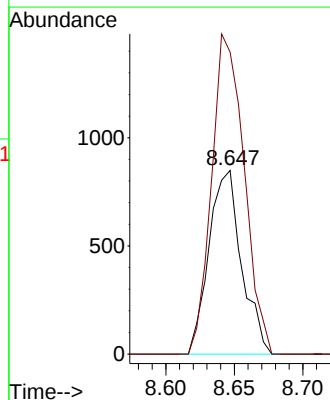
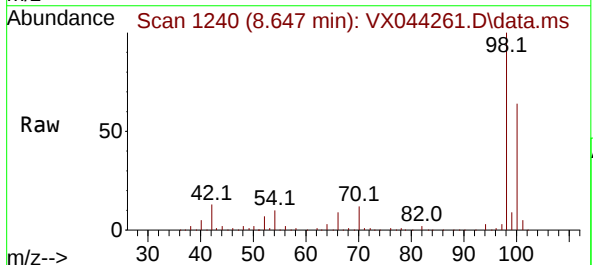
Acq: 12 Dec 2024 18:38

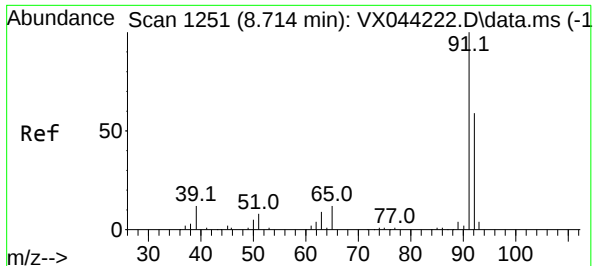
Tgt Ion: 43 Resp: 1406

Ion Ratio Lower Upper

43 100

58 173.6 29.4 44.0#

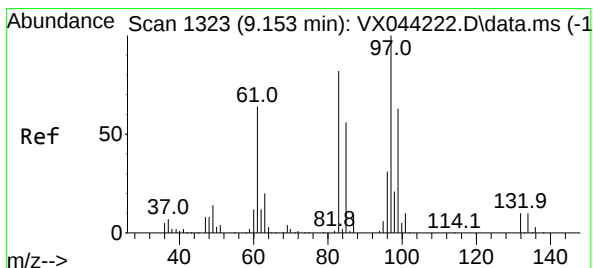
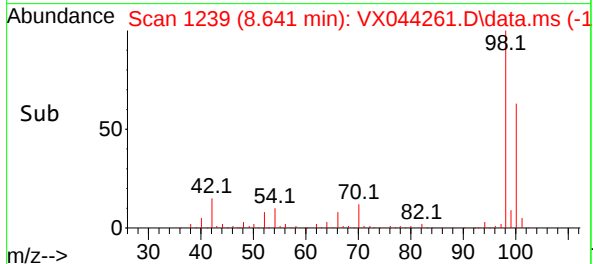
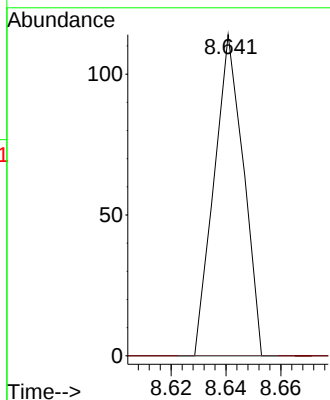
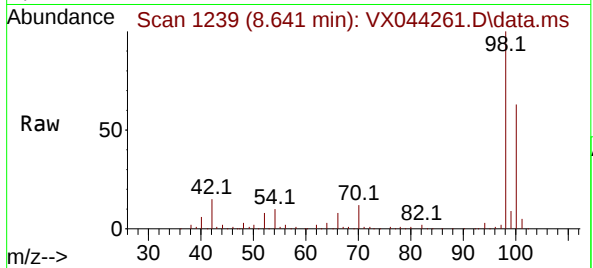




#52
Toluene
Concen: 0.024 ug/l
RT: 8.641 min Scan# 11
Delta R.T. -0.073 min
Lab File: VX044261.D
Acq: 12 Dec 2024 18:38

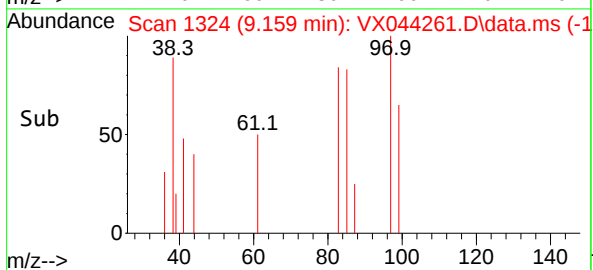
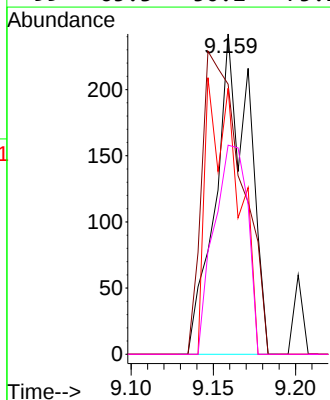
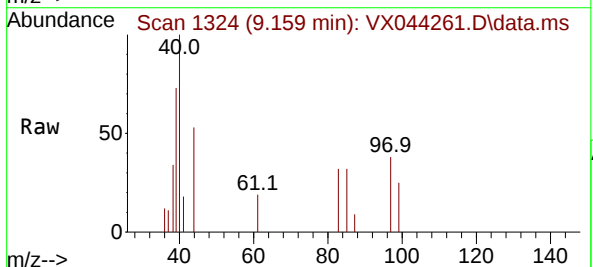
Instrument :
MSVOA_X
ClientSampleId :

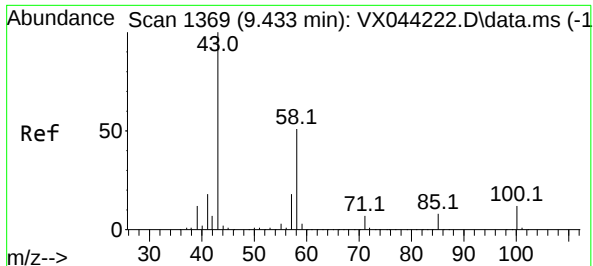
Tgt Ion: 92 Resp: 84
Ion Ratio Lower Upper
92 100
91 0.0 137.0 205.6#



#55
1,1,2-Trichloroethane
Concen: 0.252 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX044261.D
Acq: 12 Dec 2024 18:38

Tgt Ion: 97 Resp: 344
Ion Ratio Lower Upper
97 100
83 84.3 65.3 97.9
85 83.1 44.6 67.0#
99 65.3 50.2 75.2





#59

2-Hexanone

Concen: 0.016 ug/l

RT: 9.543 min Scan# 11

Delta R.T. 0.110 min

Lab File: VX044261.D

Acq: 12 Dec 2024 18:38

Instrument :

MSVOA_X

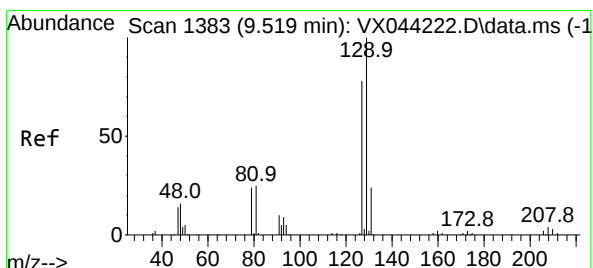
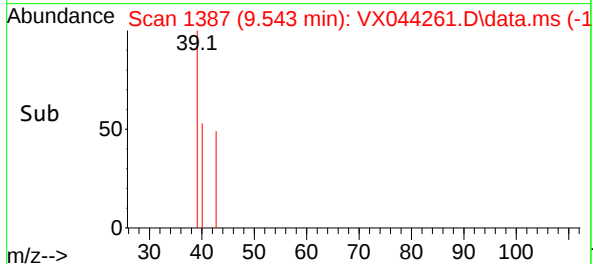
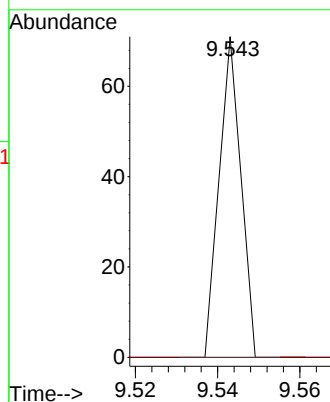
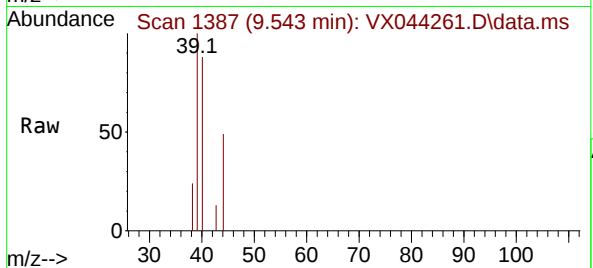
ClientSampleId :

Tgt Ion: 43 Resp: 26

Ion Ratio Lower Upper

43 100

58 0.0 25.7 77.0#



#60

Dibromochloromethane

Concen: 12.260 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. -0.250 min

Lab File: VX044261.D

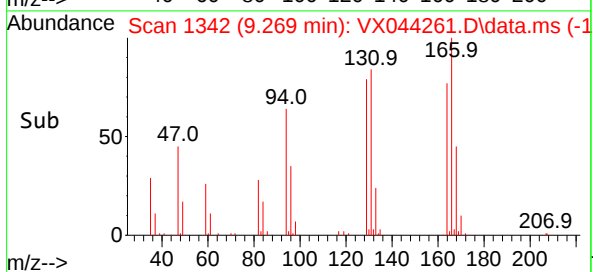
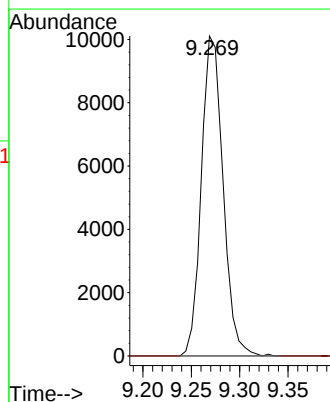
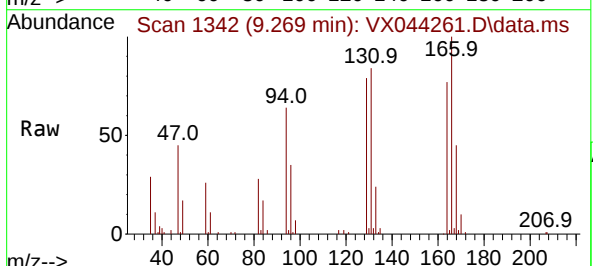
Acq: 12 Dec 2024 18:38

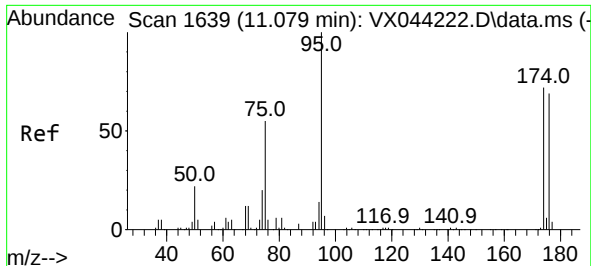
Tgt Ion: 129 Resp: 15807

Ion Ratio Lower Upper

129 100

127 0.0 38.5 115.3#

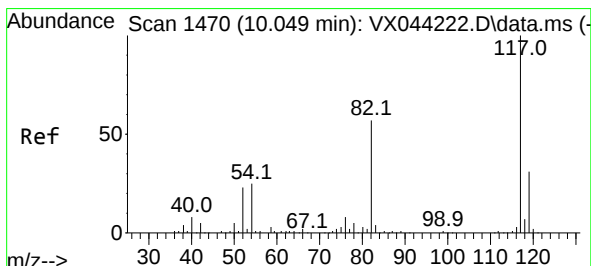
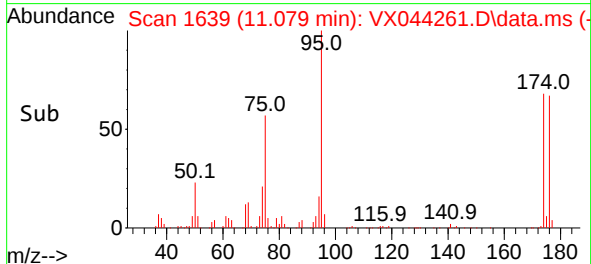
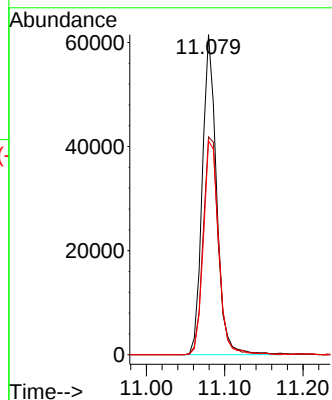
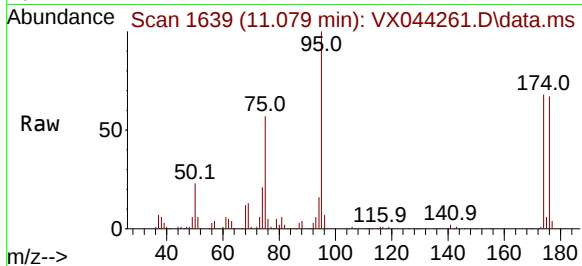




#62
4-Bromofluorobenzene
Concen: 47.226 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044261.D
Acq: 12 Dec 2024 18:38

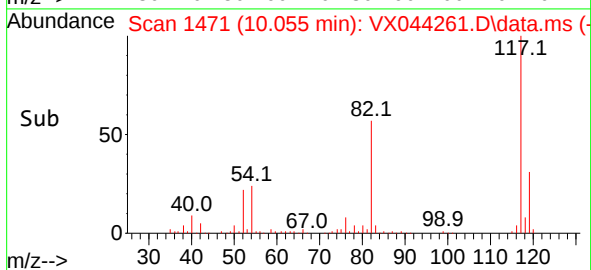
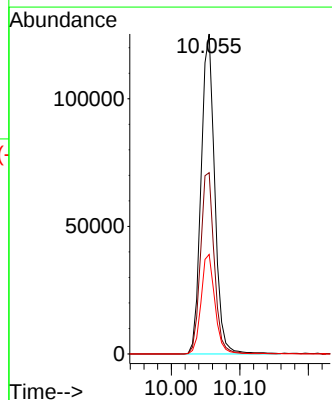
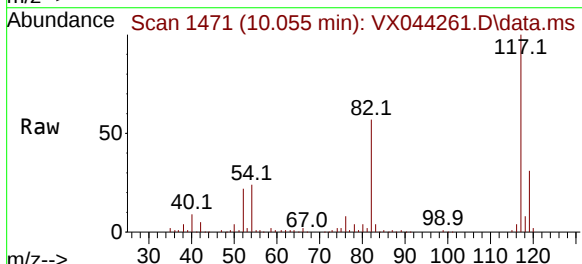
Instrument :
MSVOA_X
ClientSampleId :

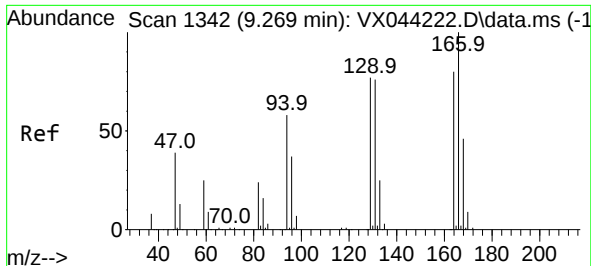
Tgt Ion: 95 Resp: 77708
Ion Ratio Lower Upper
95 100
174 73.4 0.0 145.8
176 71.5 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044261.D
Acq: 12 Dec 2024 18:38

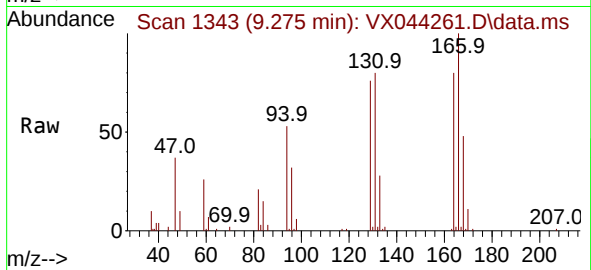
Tgt Ion: 117 Resp: 173999
Ion Ratio Lower Upper
117 100
82 56.7 45.8 68.8
119 31.1 25.0 37.4



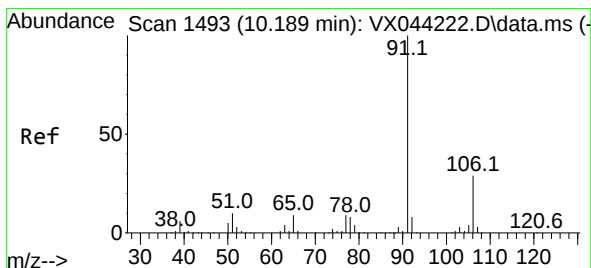
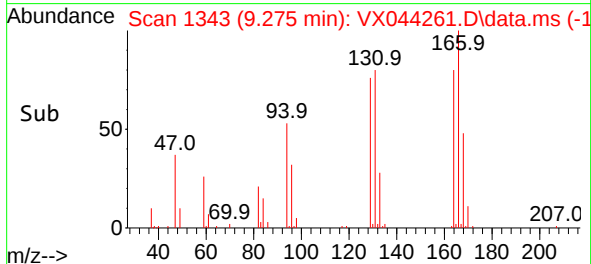
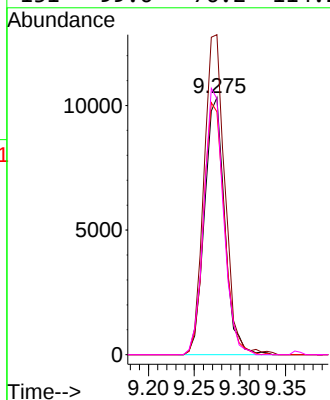


#64
Tetrachloroethene
Concen: 13.616 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044261.D
Acq: 12 Dec 2024 18:38

Instrument :
MSVOA_X
ClientSampleId :

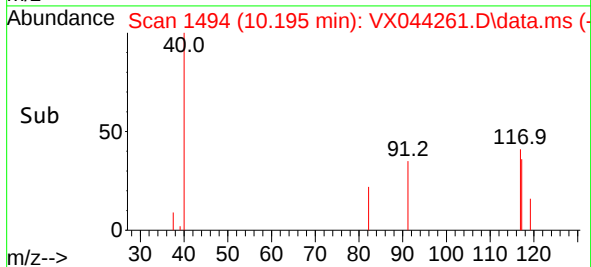
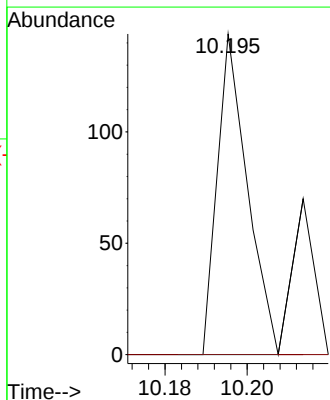
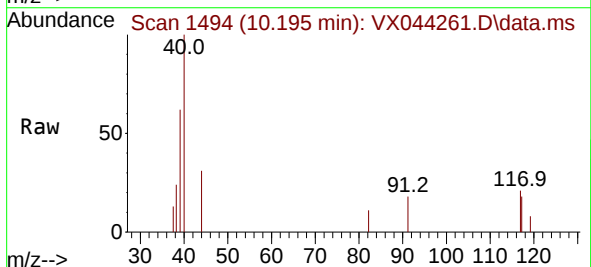


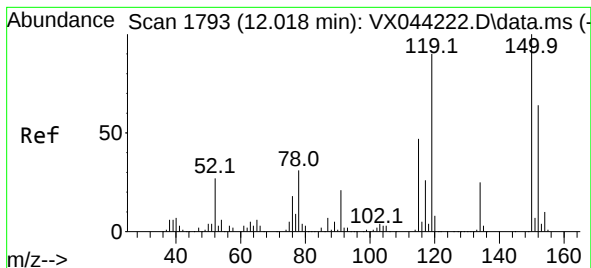
Tgt Ion:164 Resp: 15725
Ion Ratio Lower Upper
164 100
166 124.5 100.4 150.6
129 94.5 77.2 115.8
131 99.6 76.2 114.2



#67
Ethyl Benzene
Concen: 0.011 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX044261.D
Acq: 12 Dec 2024 18:38

Tgt Ion: 91 Resp: 73
Ion Ratio Lower Upper
91 100
106 0.0 23.5 35.3#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX044261.D

Acq: 12 Dec 2024 18:38

Instrument :

MSVOA_X

ClientSampleId :

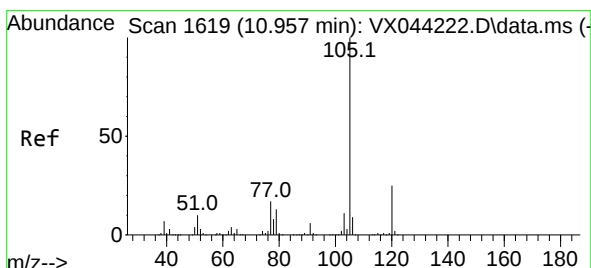
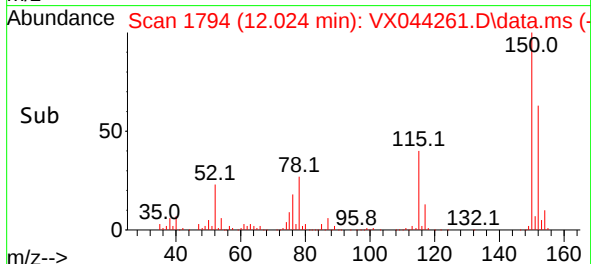
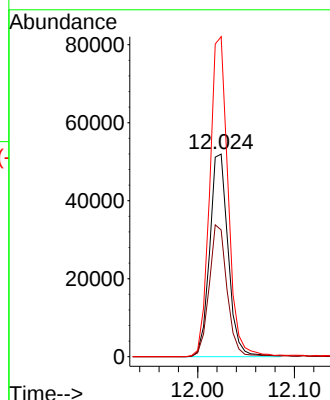
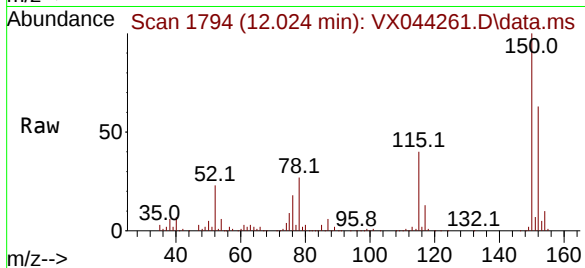
Tgt Ion:152 Resp: 68978

Ion Ratio Lower Upper

152 100

115 63.7 44.5 133.3

150 157.7 0.0 353.8



#73

Isopropylbenzene

Concen: 0.025 ug/l

RT: 11.073 min Scan# 1638

Delta R.T. 0.116 min

Lab File: VX044261.D

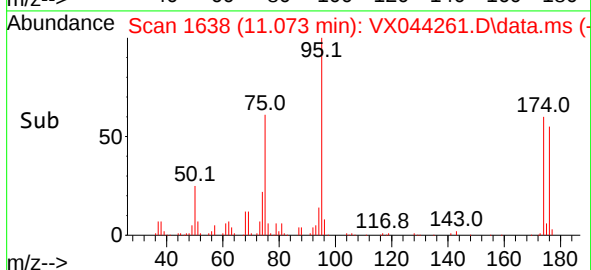
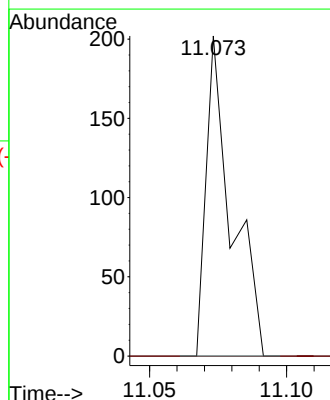
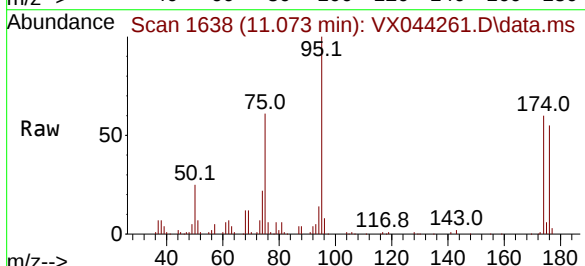
Acq: 12 Dec 2024 18:38

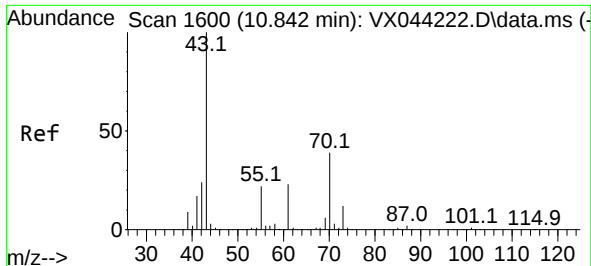
Tgt Ion:105 Resp: 130

Ion Ratio Lower Upper

105 100

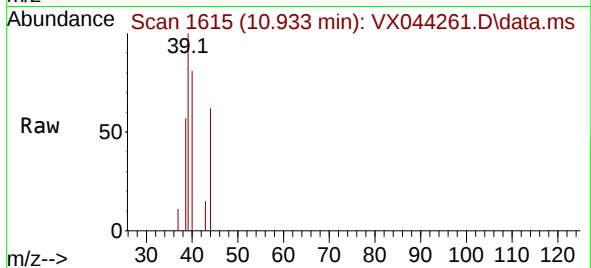
120 0.0 13.1 39.3#



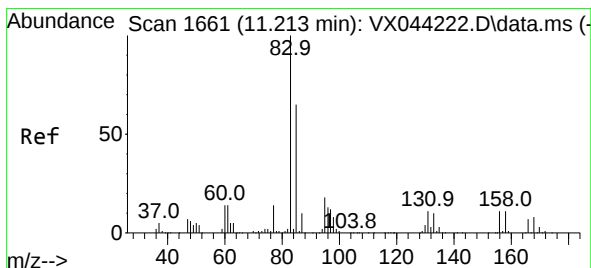
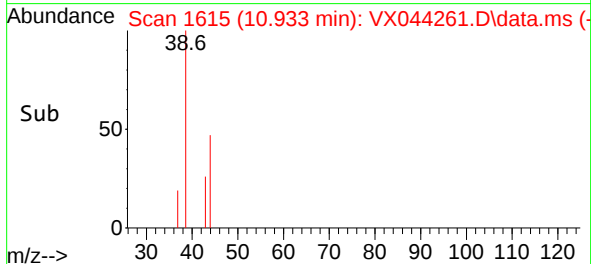
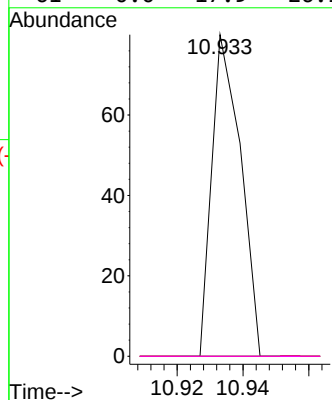


#74
N-amy1 acetate
Concen: 0.020 ug/l
RT: 10.933 min Scan# 1615
Delta R.T. 0.091 min
Lab File: VX044261.D
Acq: 12 Dec 2024 18:38

Instrument :
MSVOA_X
ClientSampleId :

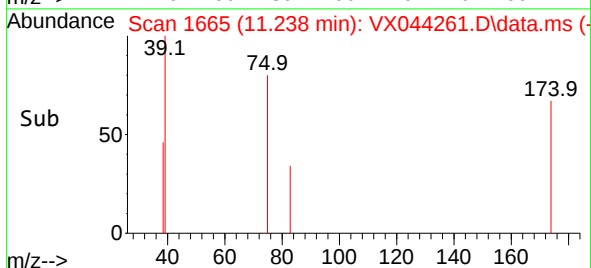
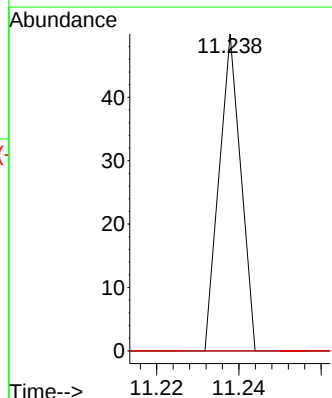
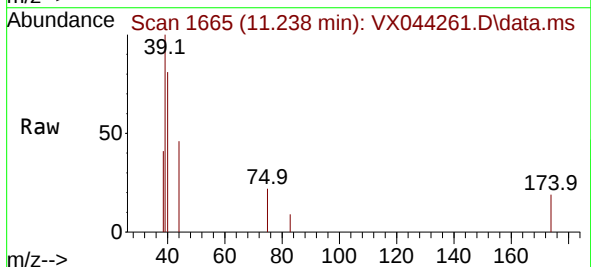


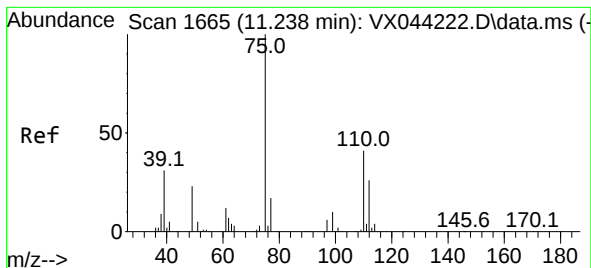
Tgt Ion:	43	Resp:	49
Ion	Ratio	Lower	Upper
43	100		
70	0.0	31.9	47.9#
55	0.0	17.9	26.9#
61	0.0	17.9	26.9#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.010 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.024 min
Lab File: VX044261.D
Acq: 12 Dec 2024 18:38

Tgt Ion:	83	Resp:	18
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.1	15.4#
85	0.0	32.5	97.4#





#76

1,2,3-Trichloropropane

Concen: 29.332 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX044261.D

Acq: 12 Dec 2024 18:38

Instrument :

MSVOA_X

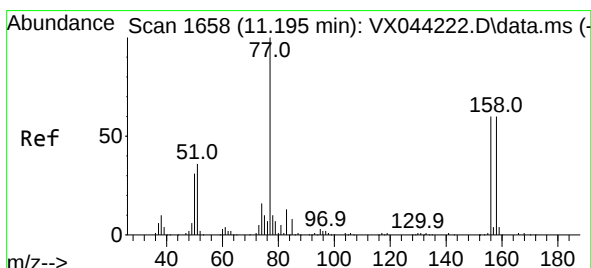
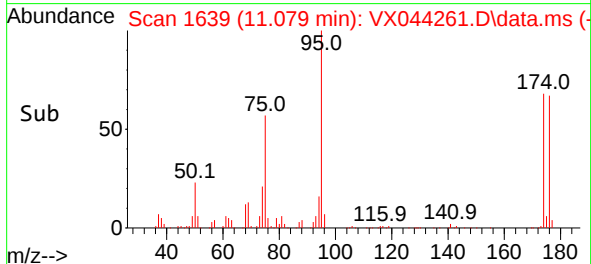
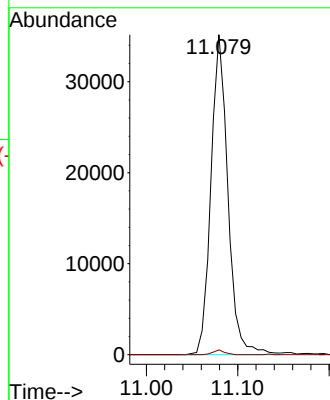
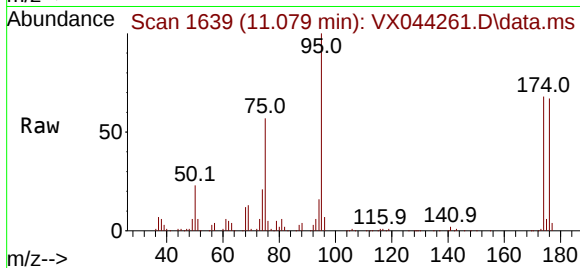
ClientSampleId :

Tgt Ion: 75 Resp: 45175

Ion Ratio Lower Upper

75 100

77 1.0 20.9 62.7#



#77

Bromobenzene

Concen: 0.023 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.110 min

Lab File: VX044261.D

Acq: 12 Dec 2024 18:38

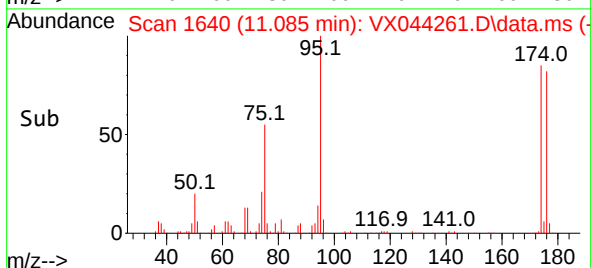
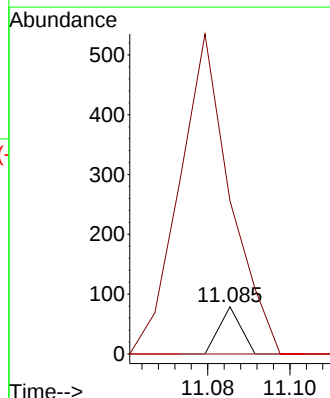
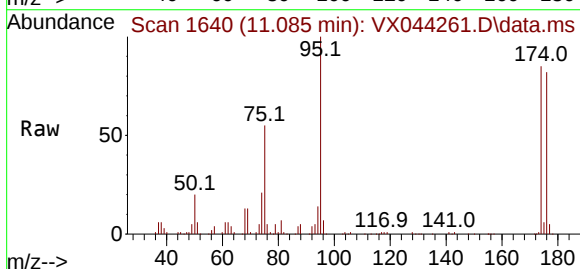
Tgt Ion:156 Resp: 29

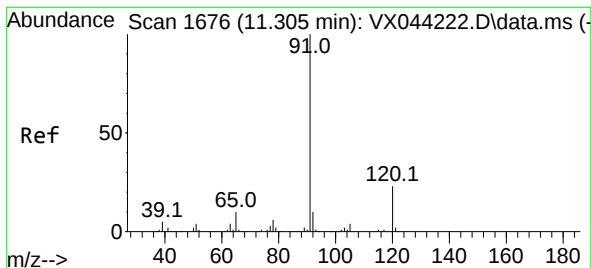
Ion Ratio Lower Upper

156 100

77 1586.2 82.6 247.8#

158 0.0 48.8 146.4#





#78

n-propylbenzene

Concen: 0.011 ug/l

RT: 11.317 min Scan# 1678

Delta R.T. 0.012 min

Lab File: VX044261.D

Acq: 12 Dec 2024 18:38

Instrument :

MSVOA_X

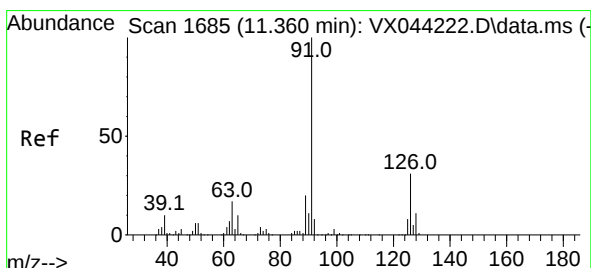
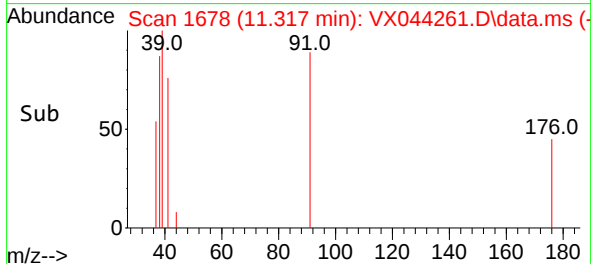
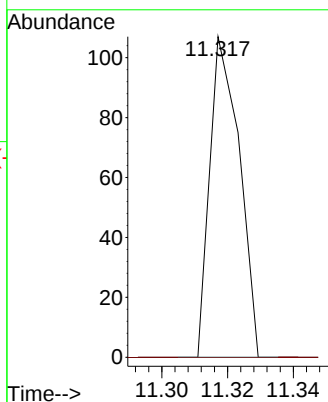
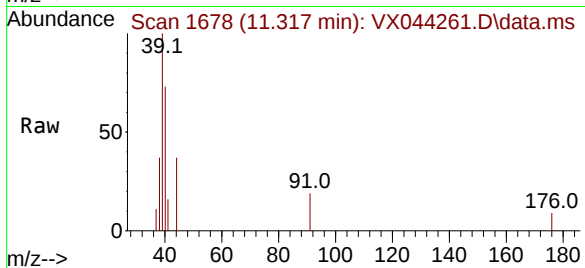
ClientSampleId :

Tgt Ion: 91 Resp: 67

Ion Ratio Lower Upper

91 100

120 0.0 11.0 33.0#



#79

2-Chlorotoluene

Concen: 0.018 ug/l

RT: 11.317 min Scan# 1678

Delta R.T. -0.043 min

Lab File: VX044261.D

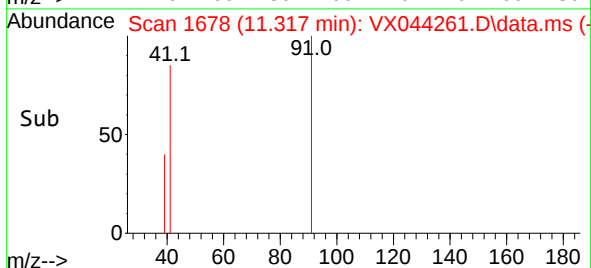
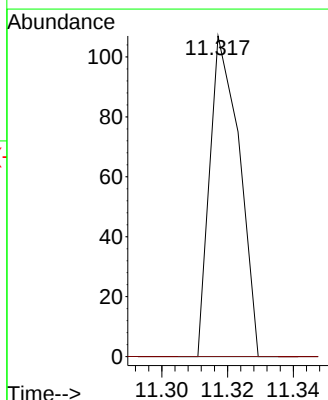
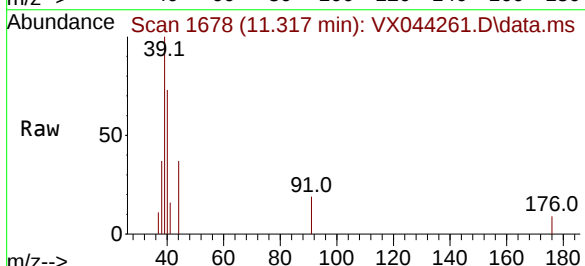
Acq: 12 Dec 2024 18:38

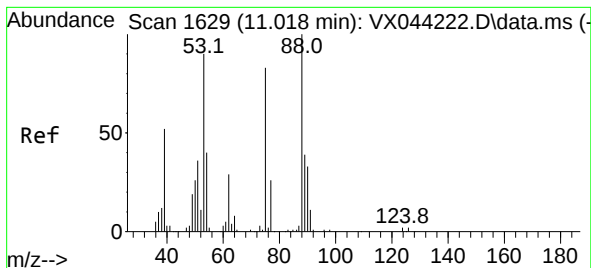
Tgt Ion: 91 Resp: 67

Ion Ratio Lower Upper

91 100

126 0.0 16.4 49.1#

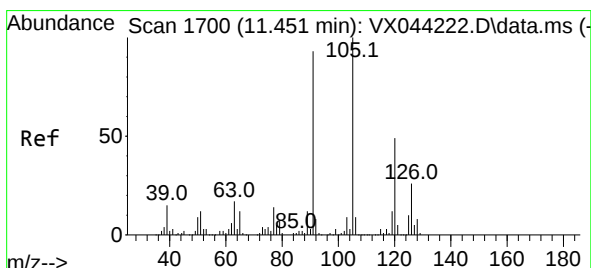
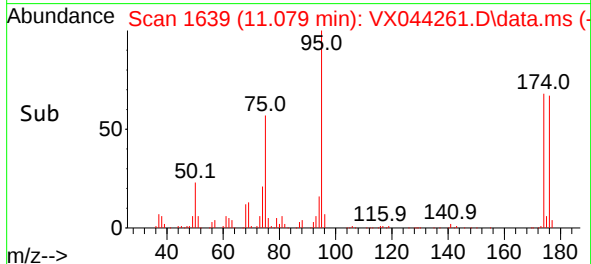
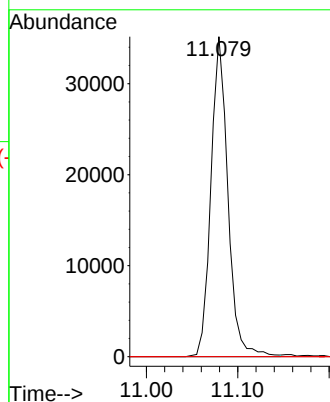
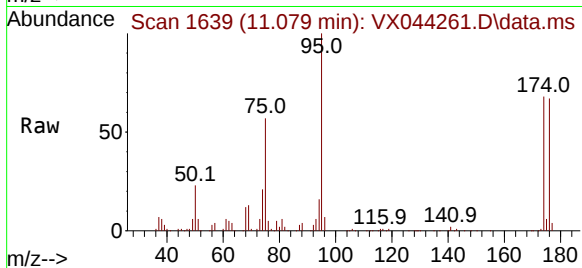




#81
trans-1,4-Dichloro-2-butene
Concen: 80.252 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044261.D
Acq: 12 Dec 2024 18:38

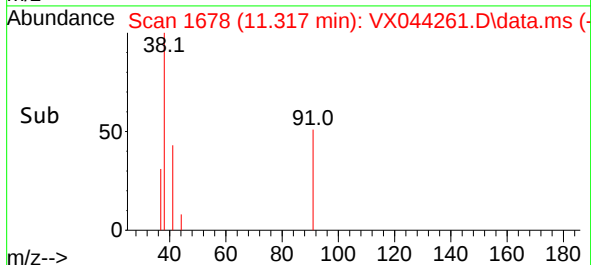
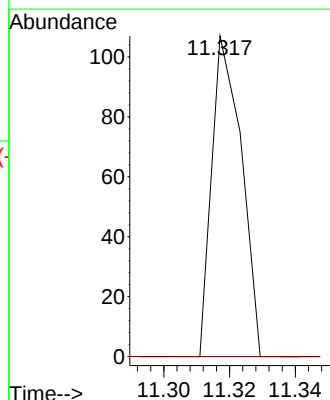
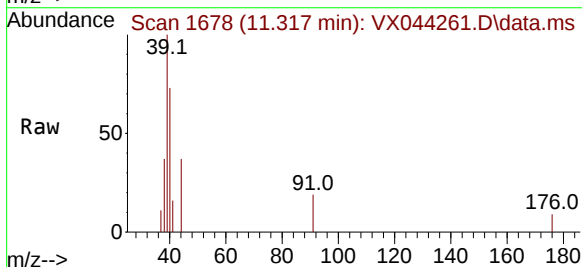
Instrument :
MSVOA_X
ClientSampleId :

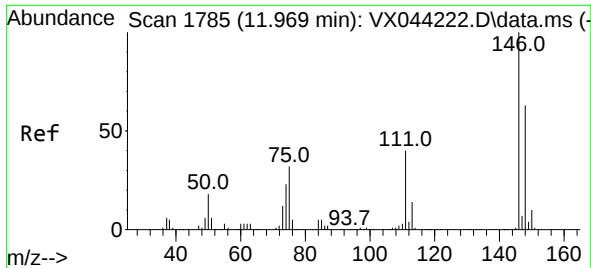
Tgt Ion: 75 Resp: 45175
Ion Ratio Lower Upper
75 100
53 0.0 93.6 140.4#
89 0.0 37.3 55.9#



#82
4-Chlorotoluene
Concen: 0.016 ug/l
RT: 11.317 min Scan# 1678
Delta R.T. -0.134 min
Lab File: VX044261.D
Acq: 12 Dec 2024 18:38

Tgt Ion: 91 Resp: 67
Ion Ratio Lower Upper
91 100
126 0.0 14.5 43.5#

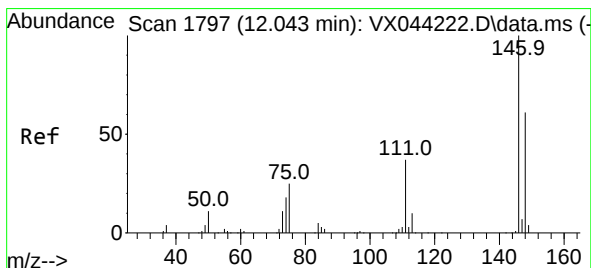
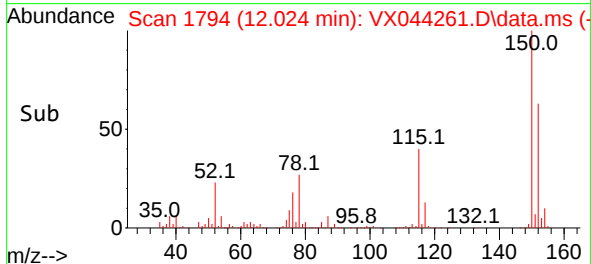
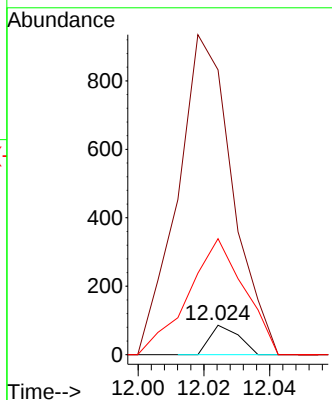
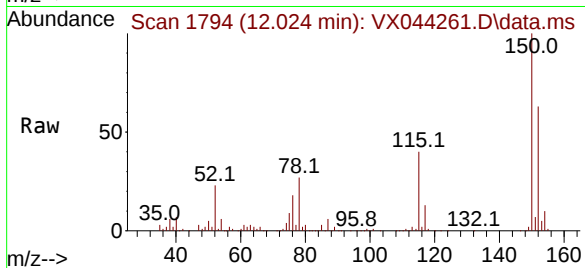




#87
1,3-Dichlorobenzene
Concen: 0.024 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.055 min
Lab File: VX044261.D
Acq: 12 Dec 2024 18:38

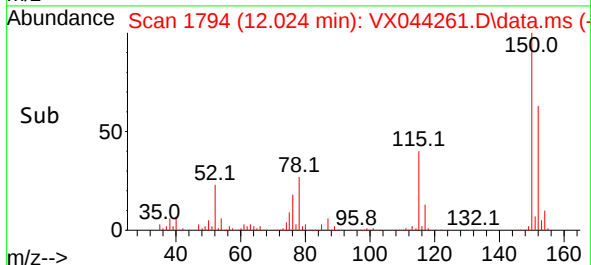
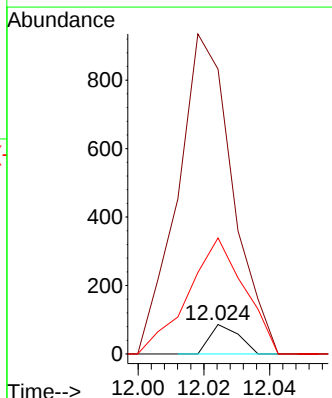
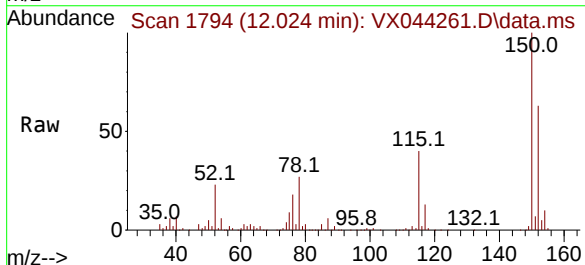
Instrument :
MSVOA_X
ClientSampleId :

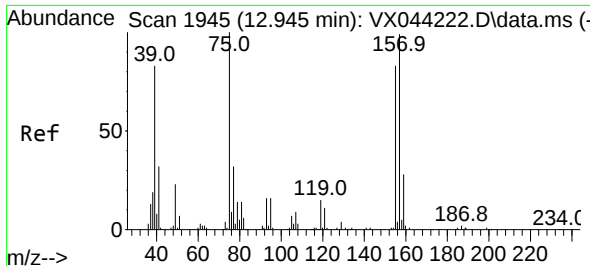
Tgt Ion:146 Resp: 53
Ion Ratio Lower Upper
146 100
111 2039.6 21.4 64.2#
148 760.4 31.7 95.1#



#88
1,4-Dichlorobenzene
Concen: 0.023 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.018 min
Lab File: VX044261.D
Acq: 12 Dec 2024 18:38

Tgt Ion:146 Resp: 53
Ion Ratio Lower Upper
146 100
111 2039.6 21.0 63.0#
148 760.4 32.3 96.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.107 ug/l

RT: 12.780 min Scan# 1945

Delta R.T. -0.165 min

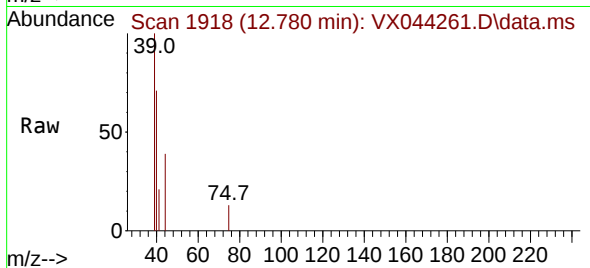
Lab File: VX044261.D

Acq: 12 Dec 2024 18:38

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 75 Resp: 38

Ion Ratio Lower Upper

75 100

155 0.0 38.1 114.3#

157 0.0 47.2 141.6#

