

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072423\
 Data File : VX036633.D
 Acq On : 24 Jul 2023 16:33
 Operator : JC/MD
 Sample : 03722-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 32416

Quant Time: Jul 25 06:37:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	158031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	283882	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	258810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119584	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	109304	46.745	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.500%
35) Dibromofluoromethane	5.385	113	91302	46.792	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.580%
50) Toluene-d8	8.647	98	341488	49.351	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.700%
62) 4-Bromofluorobenzene	11.079	95	130643	50.043	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.080%

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.173	85	20	0.010	ug/l #	41
3) Chloromethane	1.288	50	249	0.131	ug/l #	43
4) Vinyl Chloride	1.374	62	20	0.010	ug/l #	1
6) Chloroethane	1.685	64	24	0.026	ug/l #	9
12) 1,1-Dichloroethene	2.233	96	75	0.042	ug/l #	1
14) Allyl chloride	2.654	41	132	0.038	ug/l #	53
15) Acrylonitrile	3.069	53	71	0.064	ug/l #	17
16) Acetone	2.380	43	62670	64.588	ug/l	94
17) Carbon Disulfide	2.514	76	3158	0.647	ug/l	99
18) Methyl Acetate	2.709	43	375	0.092	ug/l #	53
19) Methyl tert-butyl Ether	3.117	73	138	0.021	ug/l #	54
20) Methylene Chloride	2.794	84	1353	0.627	ug/l #	90
22) Diisopropyl ether	3.831	45	20	0.003	ug/l #	28
23) Vinyl Acetate	3.733	43	201	0.040	ug/l #	73
25) 2-Butanone	4.568	43	16808	10.677	ug/l	94
29) Tetrahydrofuran	5.025	42	66	0.065	ug/l #	34
30) Chloroform	5.093	83	164	0.043	ug/l #	19
39) Methylcyclohexane	7.373	83	284	0.079	ug/l #	48
40) Benzene	6.025	78	504	0.060	ug/l #	51
41) Methacrylonitrile	4.922	41	38	0.022	ug/l #	25
42) 1,2-Dichloroethane	6.092	62	226	0.073	ug/l #	77
43) Isopropyl Acetate	6.348	43	217	0.038	ug/l #	62
47) Bromodichloromethane	7.696	83	19	0.006	ug/l #	26
48) Methyl methacrylate	7.702	41	64	0.024	ug/l #	1
51) 4-Methyl-2-Pentanone	8.580	43	6671	2.127	ug/l	95
52) Toluene	8.720	92	2170	0.409	ug/l	100
55) 1,1,2-Trichloroethane	9.104	97	175	0.079	ug/l #	17
56) Ethyl methacrylate	9.098	69	63	0.017	ug/l #	1
59) 2-Hexanone	9.439	43	2389	1.027	ug/l	100
65) Chlorobenzene	10.086	112	41	0.007	ug/l #	43
67) Ethyl Benzene	10.195	91	6112	0.586	ug/l	95
68) m/p-Xylenes	10.299	106	14889	3.829	ug/l	99
69) o-Xylene	10.640	106	19346	4.984	ug/l	99
70) Styrene	10.646	104	1144	0.179	ug/l #	1
73) Isopropylbenzene	10.963	105	6579	0.665	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.226	83	79	0.024	ug/l #	92

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

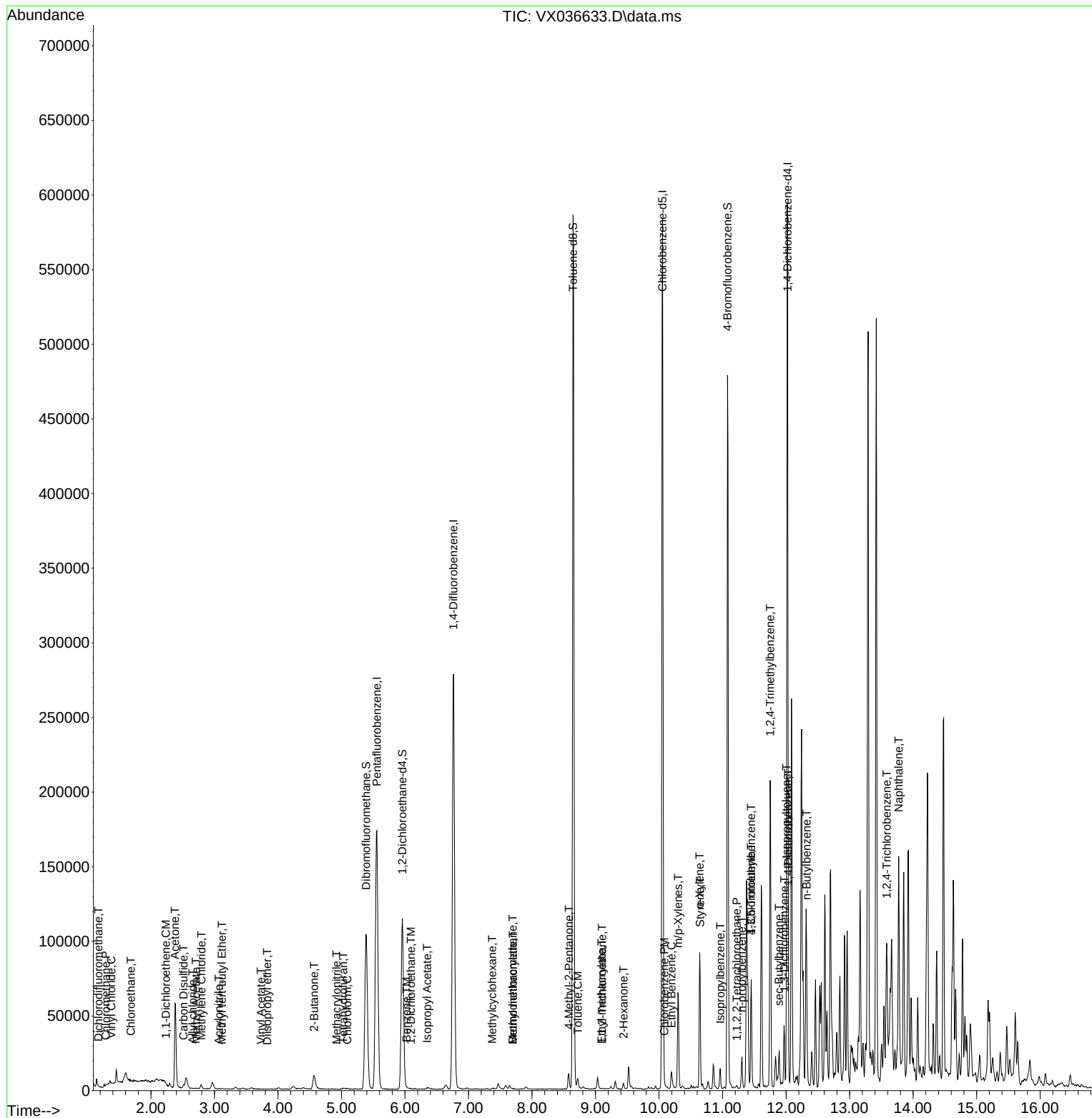
78) n-propylbenzene	11.305	91	11844	1.035	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	29717	3.589	ug/l	98
82) 4-Chlorotoluene	11.451	91	3650	0.462	ug/l #	46
84) 1,2,4-Trimethylbenzene	11.750	105	88903	10.737	ug/l	97
85) sec-Butylbenzene	11.890	105	11169	1.101	ug/l	92
86) p-Isopropyltoluene	12.006	119	6958	0.834	ug/l	92
87) 1,3-Dichlorobenzene	11.975	146	70	0.017	ug/l #	10
88) 1,4-Dichlorobenzene	12.036	146	140	0.034	ug/l #	1
89) n-Butylbenzene	12.323	91	15378	2.058	ug/l #	21
93) 1,2,4-Trichlorobenzene	13.585	180	90	0.036	ug/l #	1
95) Naphthalene	13.774	128	85362	9.870	ug/l	99

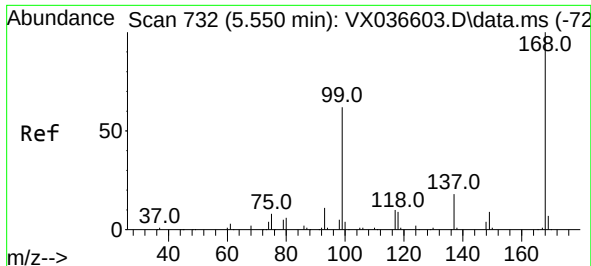
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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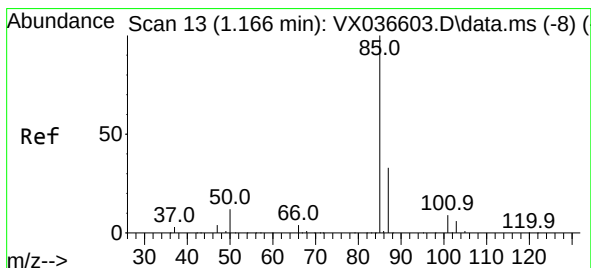
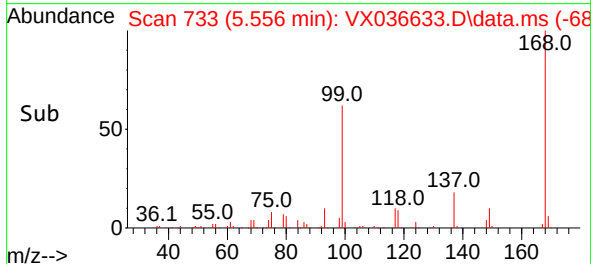
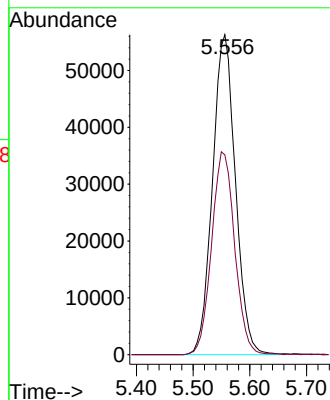
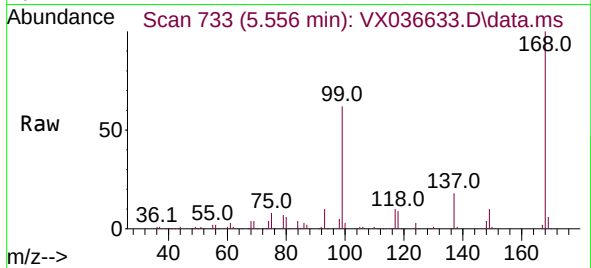




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036633.D
Acq: 24 Jul 2023 16:33

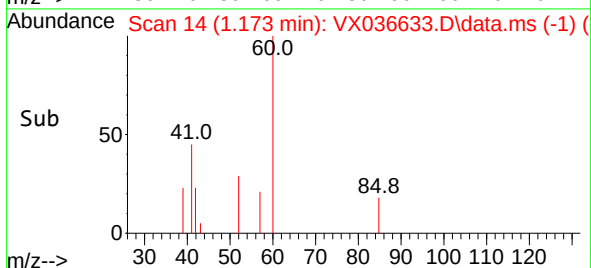
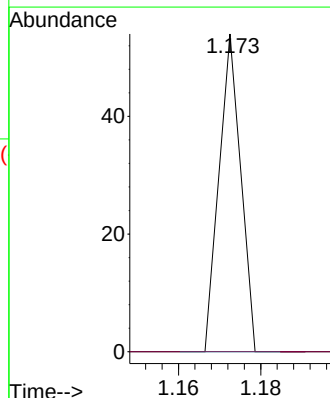
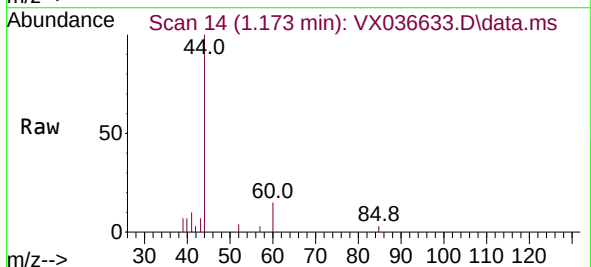
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32416

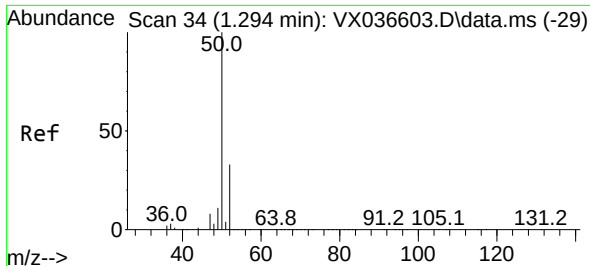
Tgt Ion:168 Resp: 158031
Ion Ratio Lower Upper
168 100
99 62.5 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.010 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX036633.D
Acq: 24 Jul 2023 16:33

Tgt Ion: 85 Resp: 20
Ion Ratio Lower Upper
85 100
87 0.0 16.7 50.1#

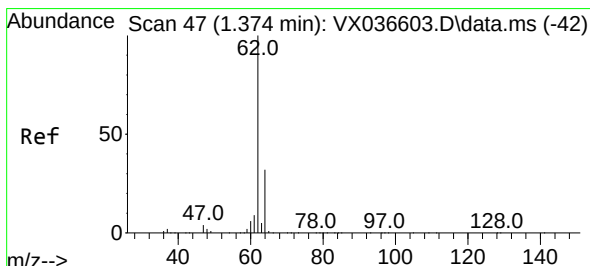
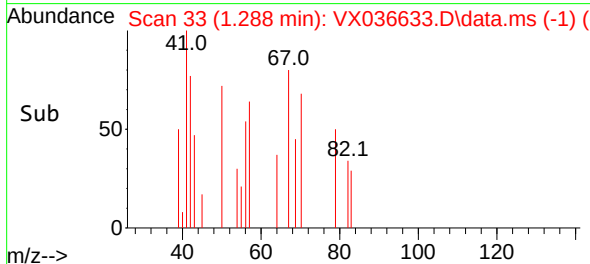
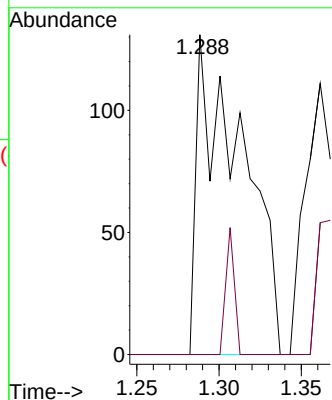
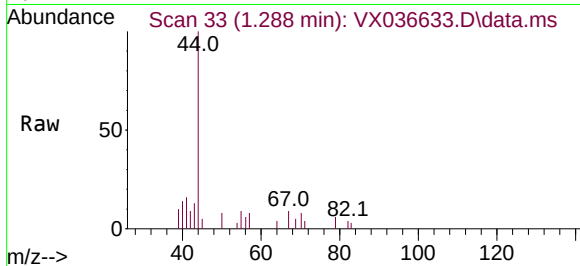




#3
Chloromethane
Concen: 0.131 ug/l
RT: 1.288 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX036633.D
Acq: 24 Jul 2023 16:33

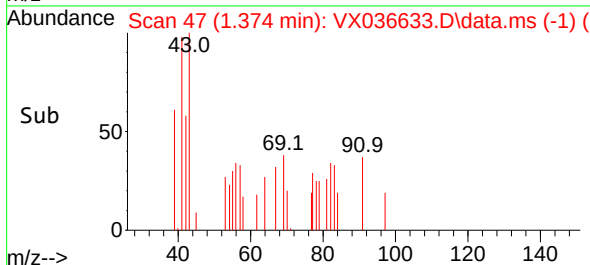
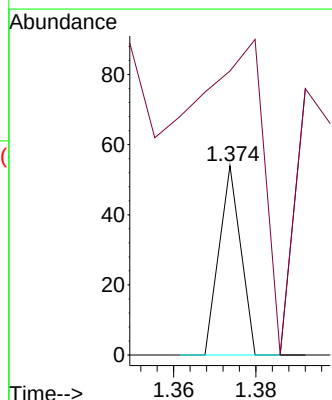
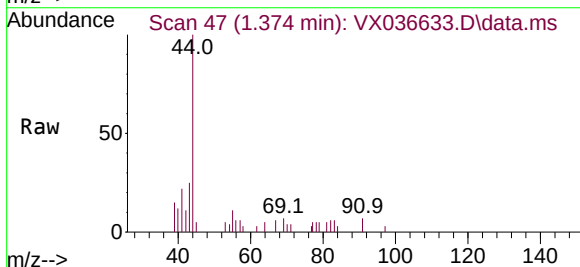
Instrument :
MSVOA_X
ClientSampleId :
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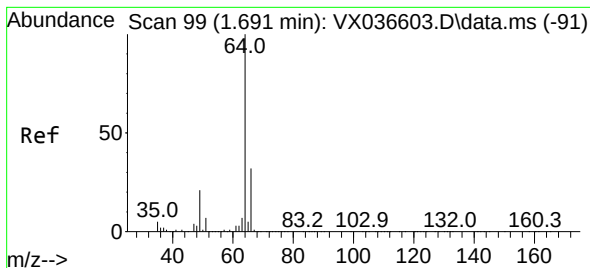
Tgt Ion: 50 Resp: 249
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#



#4
Vinyl Chloride
Concen: 0.010 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX036633.D
Acq: 24 Jul 2023 16:33

Tgt Ion: 62 Resp: 20
Ion Ratio Lower Upper
62 100
64 150.0 25.4 38.0#

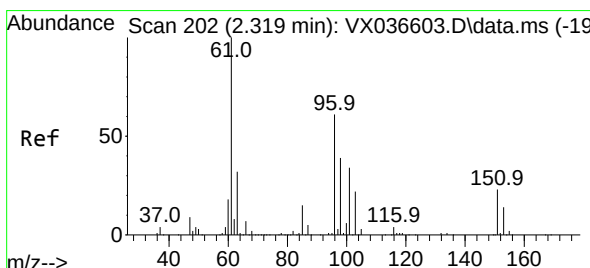
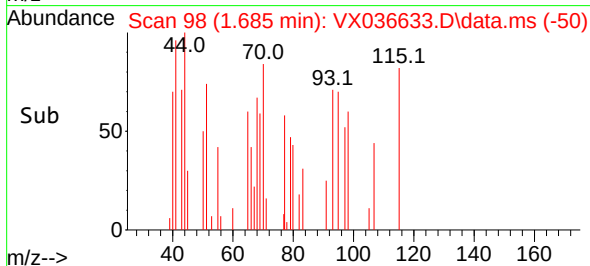
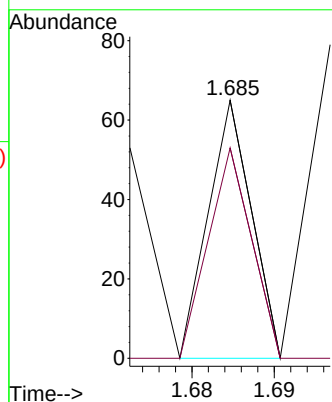
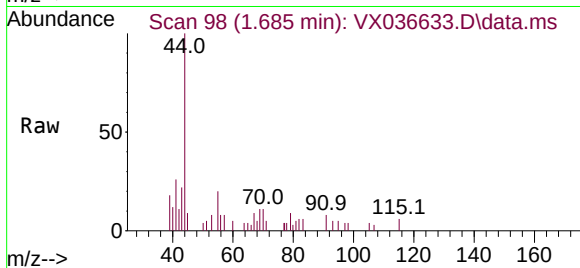




#6
Chloroethane
Concen: 0.026 ug/l
RT: 1.685 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX036633.D
Acq: 24 Jul 2023 16:33

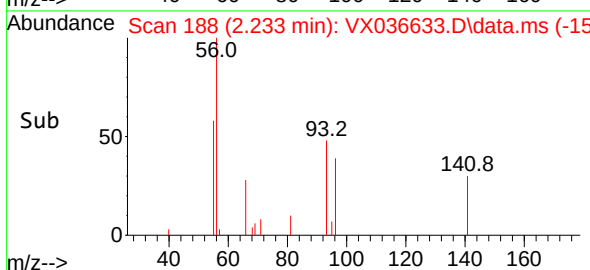
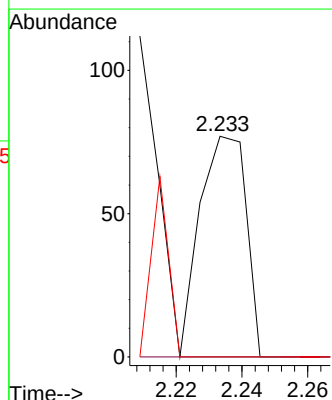
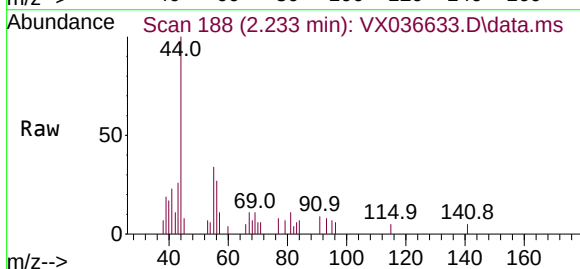
Instrument :
MSVOA_X
ClientSampleId :
32416

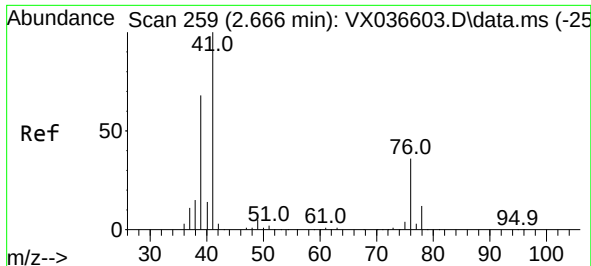
Tgt Ion: 64 Resp: 24
Ion Ratio Lower Upper
64 100
66 81.5 25.1 37.7#



#12
1,1-Dichloroethene
Concen: 0.042 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.085 min
Lab File: VX036633.D
Acq: 24 Jul 2023 16:33

Tgt Ion: 96 Resp: 75
Ion Ratio Lower Upper
96 100
61 0.0 144.6 216.8#
98 0.0 50.4 75.6#

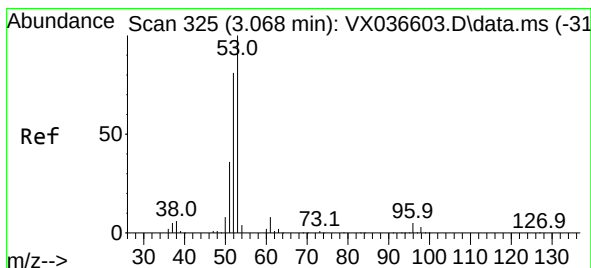
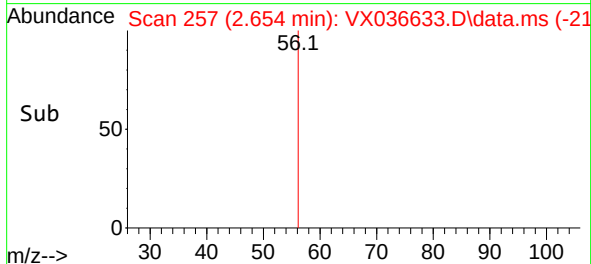
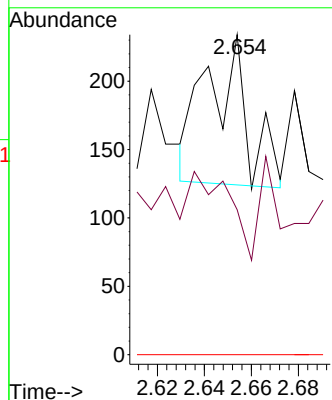
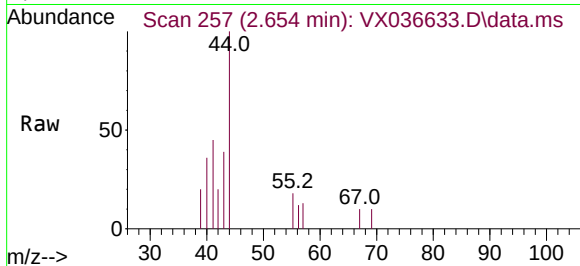




#14
 Allyl chloride
 Concen: 0.038 ug/l
 RT: 2.654 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VX036633.D
 Acq: 24 Jul 2023 16:33

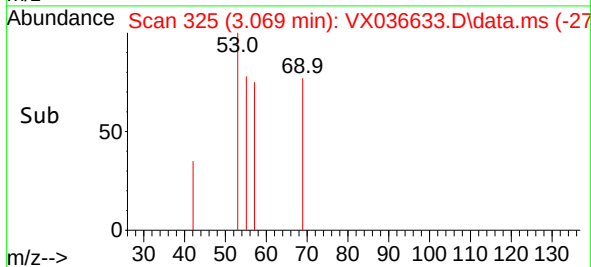
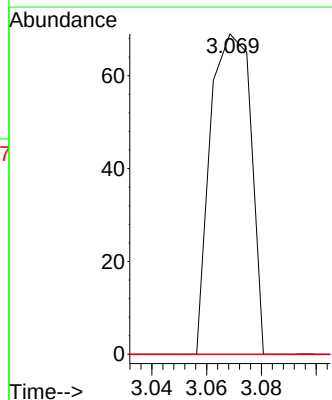
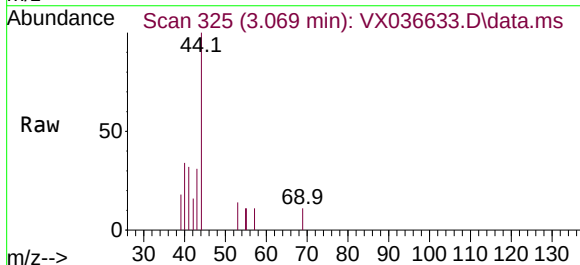
Instrument :
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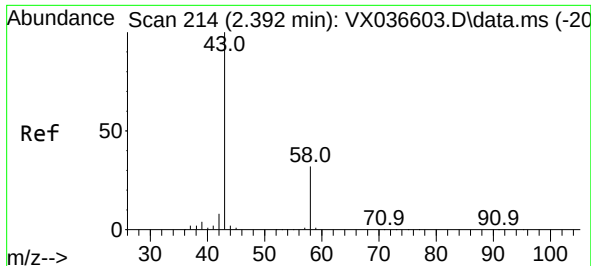
Tgt Ion: 41 Resp: 132
 Ion Ratio Lower Upper
 41 100
 39 34.8 55.8 83.6#
 76 0.0 24.3 36.5#



#15
 Acrylonitrile
 Concen: 0.064 ug/l
 RT: 3.069 min Scan# 325
 Delta R.T. 0.000 min
 Lab File: VX036633.D
 Acq: 24 Jul 2023 16:33

Tgt Ion: 53 Resp: 71
 Ion Ratio Lower Upper
 53 100
 52 0.0 66.0 99.0#
 51 0.0 29.8 44.6#

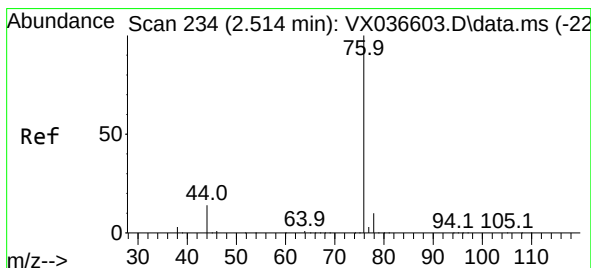
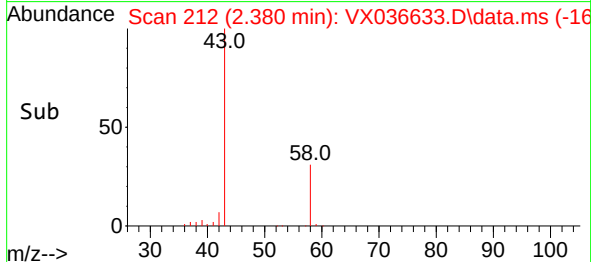
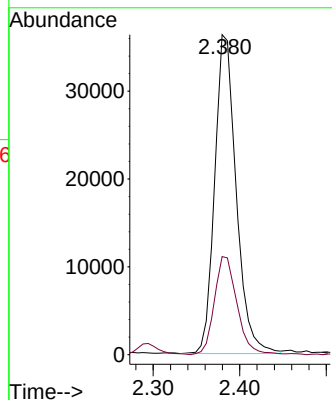
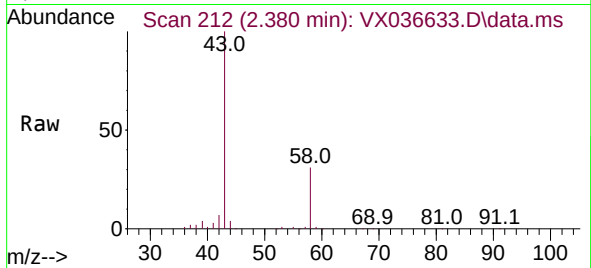




#16
Acetone
Concen: 64.588 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036633.D
Acq: 24 Jul 2023 16:33

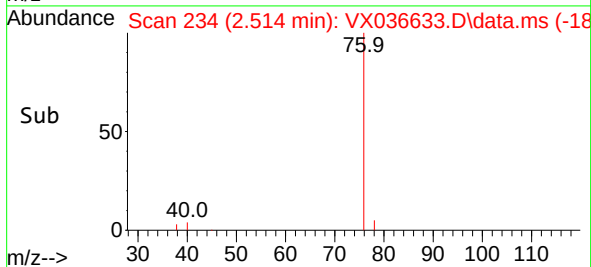
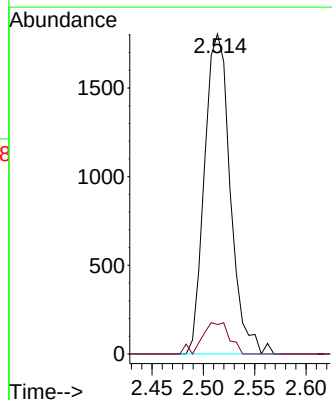
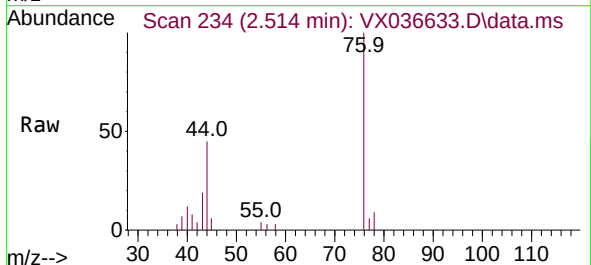
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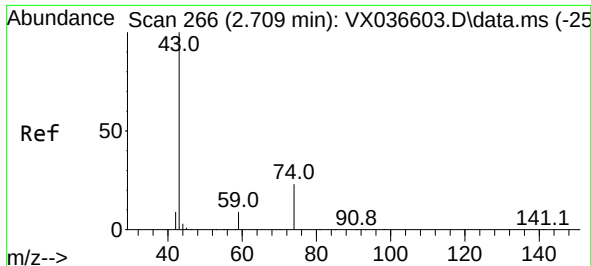
Tgt Ion: 43 Resp: 62670
Ion Ratio Lower Upper
43 100
58 30.4 21.9 32.9



#17
Carbon Disulfide
Concen: 0.647 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX036633.D
Acq: 24 Jul 2023 16:33

Tgt Ion: 76 Resp: 3158
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6





#18

Methyl Acetate

Concen: 0.092 ug/l

RT: 2.709 min Scan# 2

Delta R.T. 0.000 min

Lab File: VX036633.D

Acq: 24 Jul 2023 16:33

Instrument :

MSVOA_X

ClientSampleId :

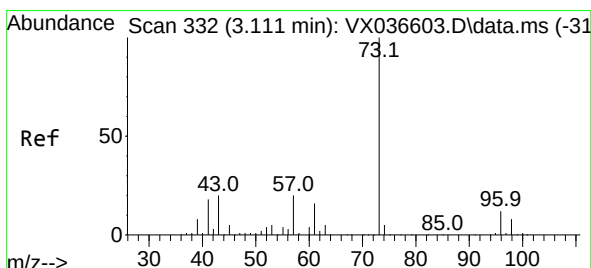
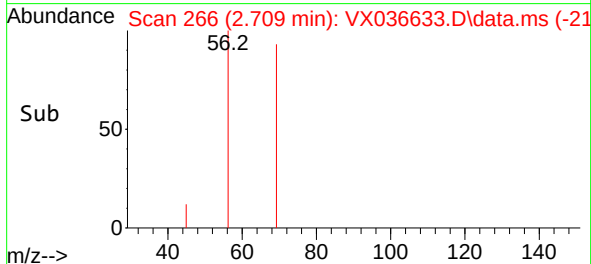
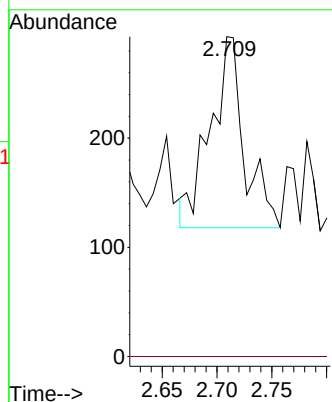
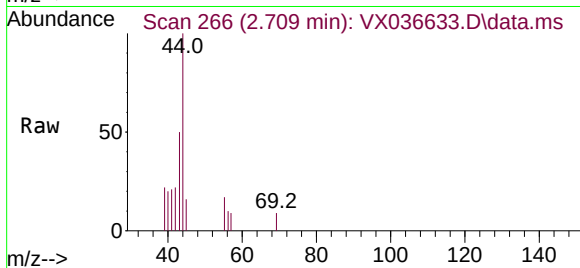
32416

Tgt Ion: 43 Resp: 375

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#



#19

Methyl tert-butyl Ether

Concen: 0.021 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.006 min

Lab File: VX036633.D

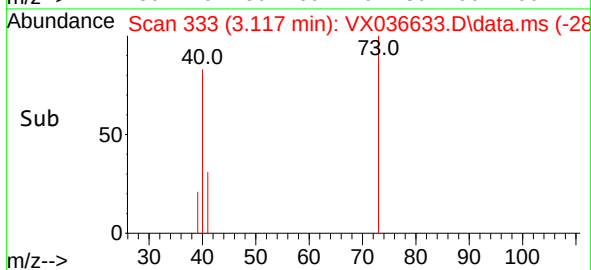
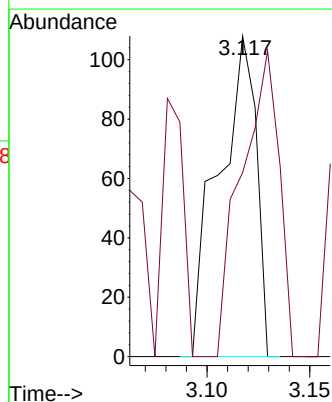
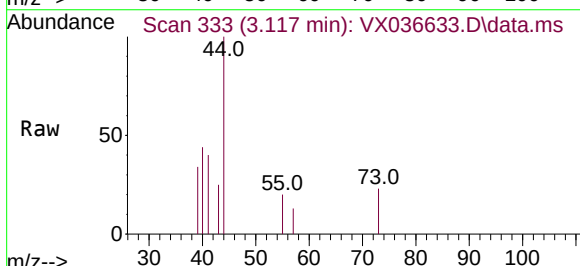
Acq: 24 Jul 2023 16:33

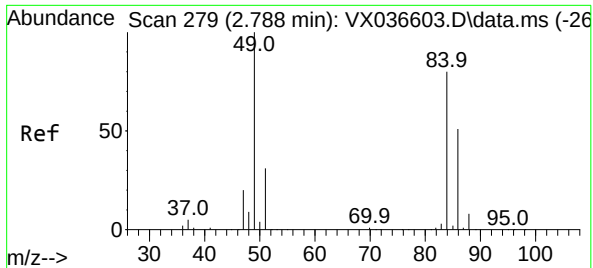
Tgt Ion: 73 Resp: 138

Ion Ratio Lower Upper

73 100

57 0.0 17.3 25.9#





#20

Methylene Chloride

Concen: 0.627 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX036633.D

Acq: 24 Jul 2023 16:33

Instrument :

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ClientSampleId :

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Tgt Ion: 84 Resp: 1353

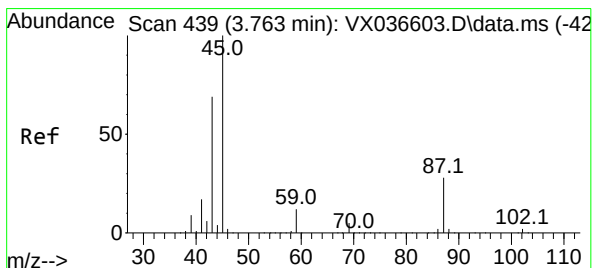
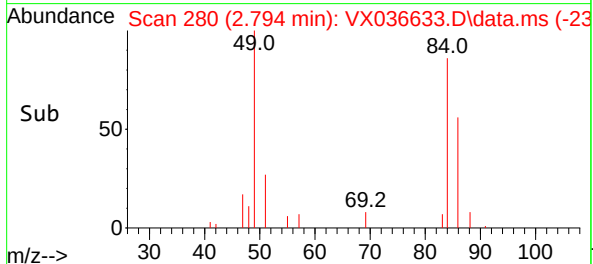
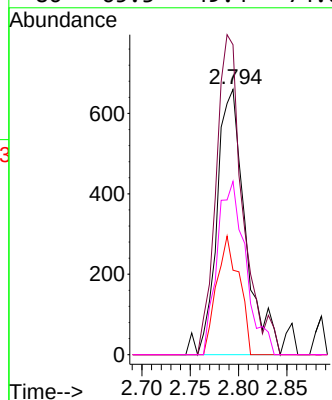
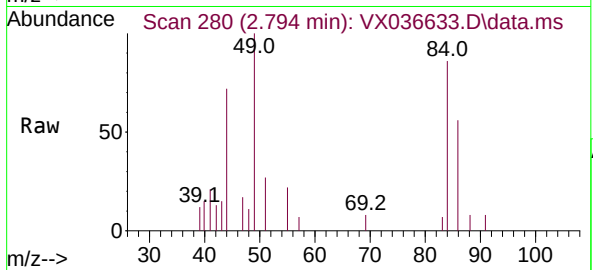
Ion Ratio Lower Upper

84 100

49 116.8 103.6 155.4

51 31.8 33.8 50.6#

86 65.3 49.4 74.0



#22

Diisopropyl ether

Concen: 0.003 ug/l

RT: 3.831 min Scan# 450

Delta R.T. 0.067 min

Lab File: VX036633.D

Acq: 24 Jul 2023 16:33

Tgt Ion: 45 Resp: 20

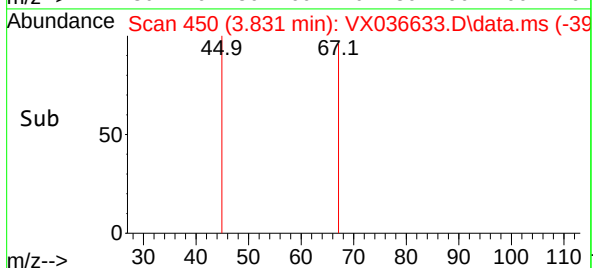
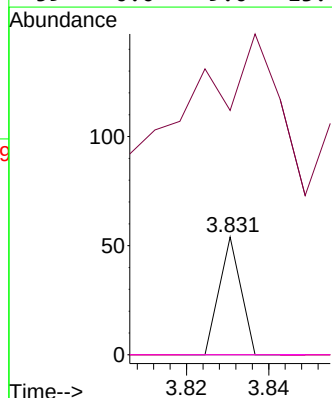
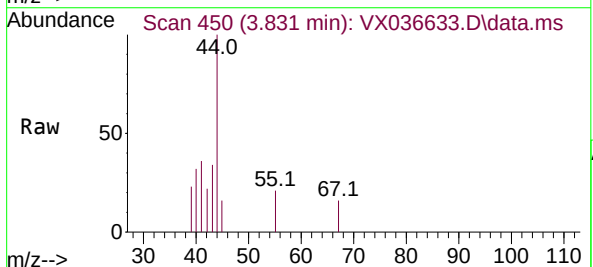
Ion Ratio Lower Upper

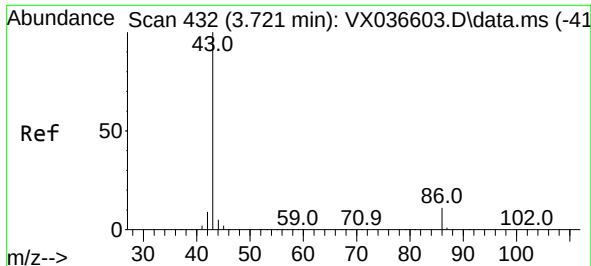
45 100

43 9.3 69.7 104.5#

87 0.0 20.8 31.2#

59 0.0 9.0 13.4#

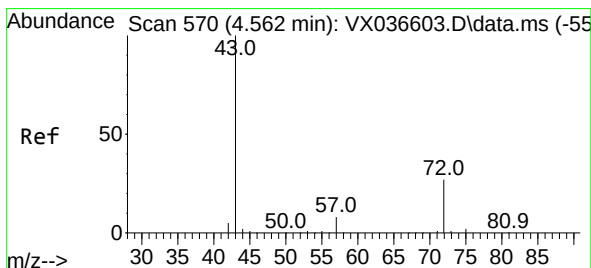
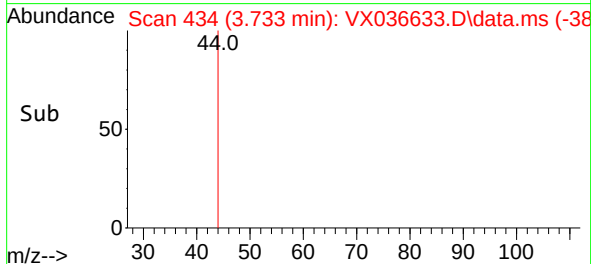
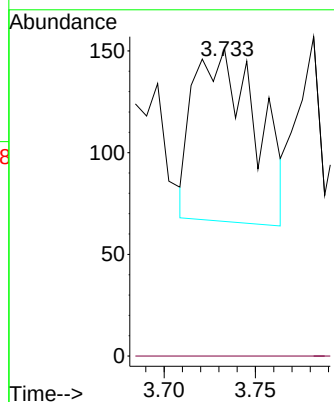
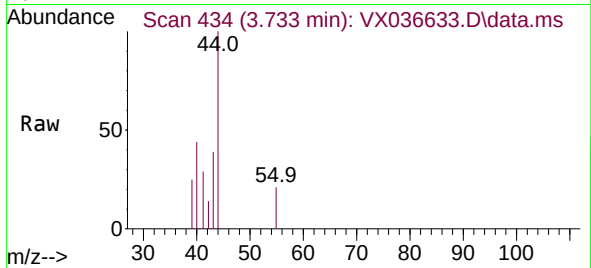




#23
 Vinyl Acetate
 Concen: 0.040 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. 0.012 min
 Lab File: VX036633.D
 Acq: 24 Jul 2023 16:33

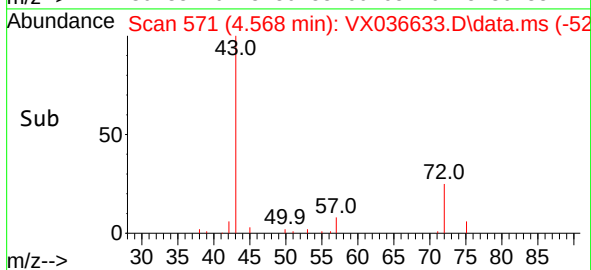
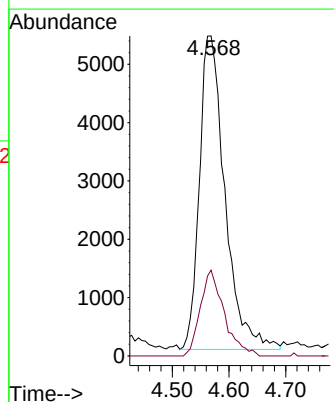
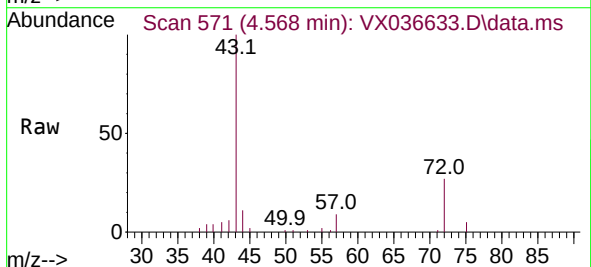
Instrument :
 MSVOA_X
 ClientSampleId :
 32416

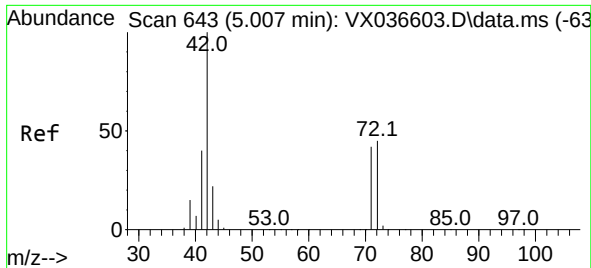
Tgt Ion: 43 Resp: 201
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.8 11.8#



#25
 2-Butanone
 Concen: 10.677 ug/l
 RT: 4.568 min Scan# 571
 Delta R.T. 0.006 min
 Lab File: VX036633.D
 Acq: 24 Jul 2023 16:33

Tgt Ion: 43 Resp: 16808
 Ion Ratio Lower Upper
 43 100
 72 27.3 19.4 29.2





#29

Tetrahydrofuran

Concen: 0.065 ug/l

RT: 5.025 min Scan# 64

Delta R.T. 0.018 min

Lab File: VX036633.D

Acq: 24 Jul 2023 16:33

Instrument :

MSVOA_X

ClientSampleId :

32416

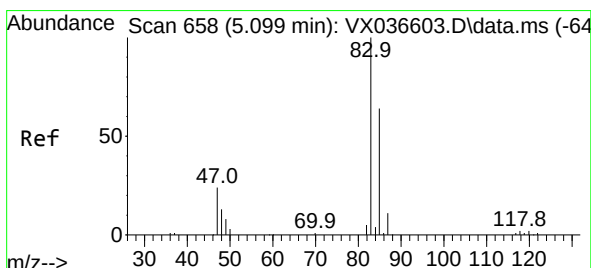
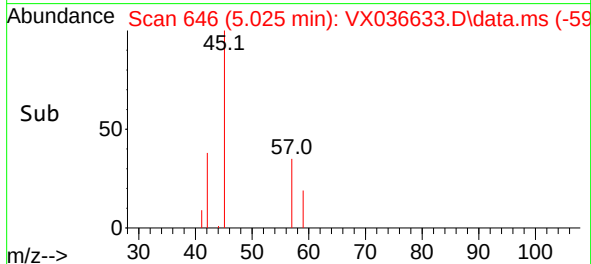
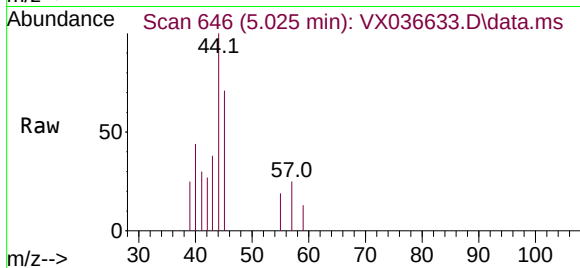
Tgt Ion: 42 Resp: 66

Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

71 0.0 32.2 48.2#



#30

Chloroform

Concen: 0.043 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX036633.D

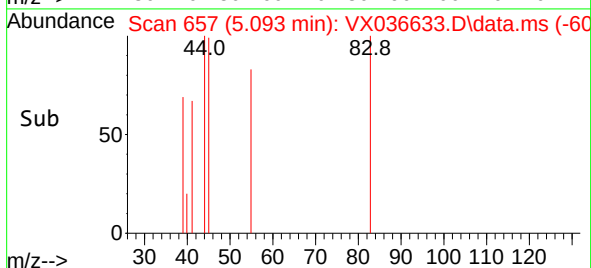
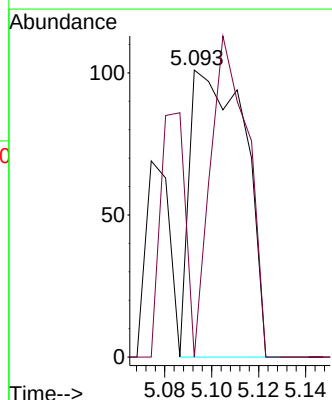
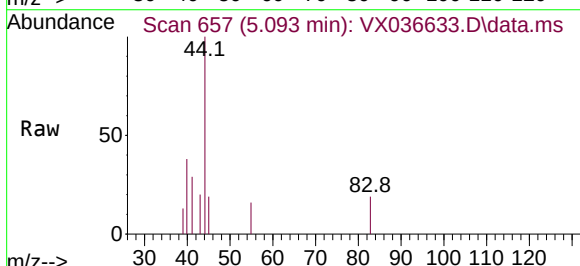
Acq: 24 Jul 2023 16:33

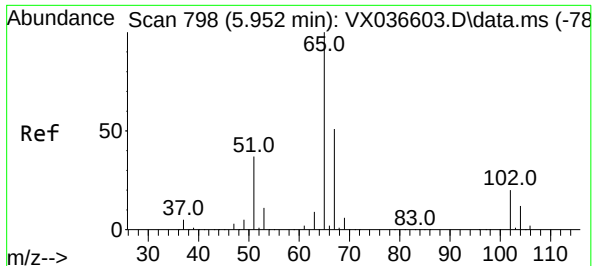
Tgt Ion: 83 Resp: 164

Ion Ratio Lower Upper

83 100

85 0.0 50.3 75.5#





#33

1,2-Dichloroethane-d4

Concen: 46.745 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036633.D

Acq: 24 Jul 2023 16:33

Instrument :

MSVOA_X

ClientSampleId :

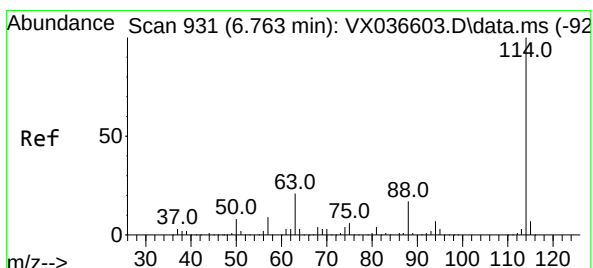
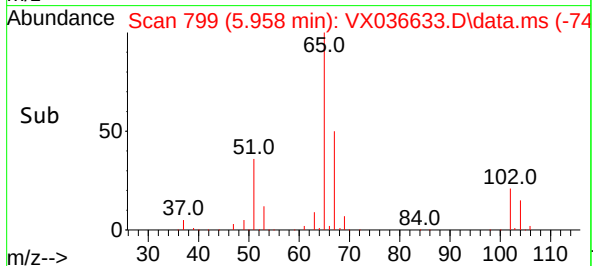
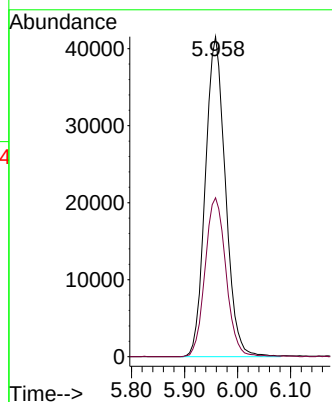
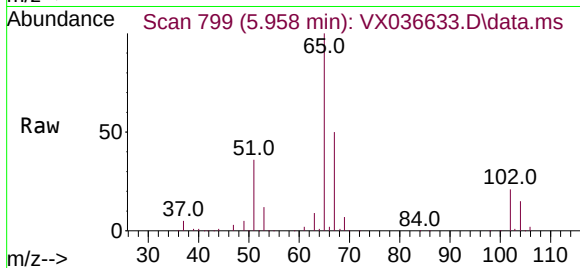
32416

Tgt Ion: 65 Resp: 109304

Ion Ratio Lower Upper

65 100

67 51.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX036633.D

Acq: 24 Jul 2023 16:33

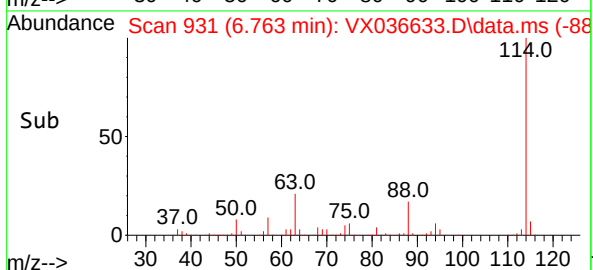
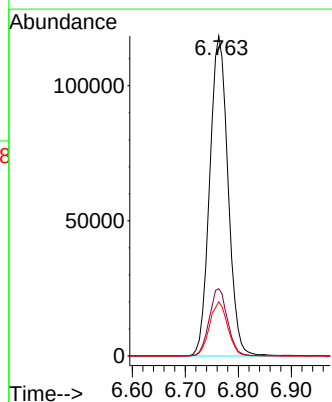
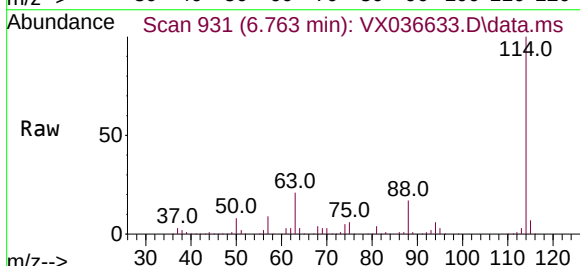
Tgt Ion: 114 Resp: 283882

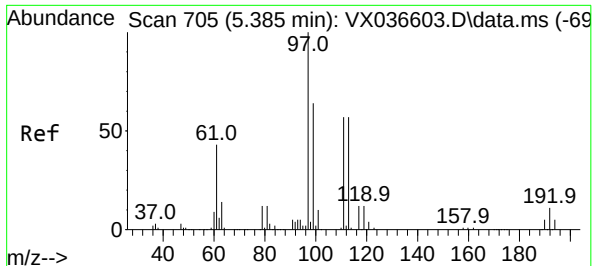
Ion Ratio Lower Upper

114 100

63 21.0 0.0 45.0

88 17.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.792 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036633.D

Acq: 24 Jul 2023 16:33

Instrument :

MSVOA_X

ClientSampleId :

32416

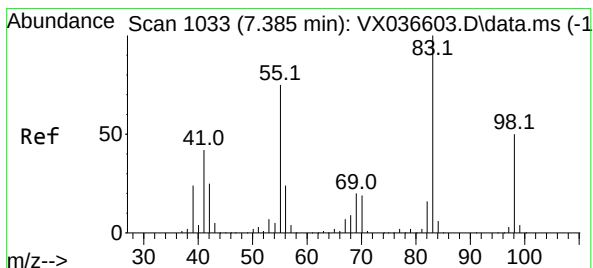
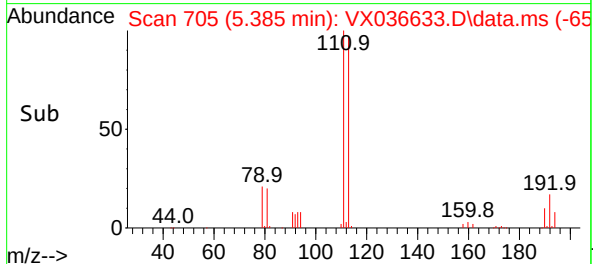
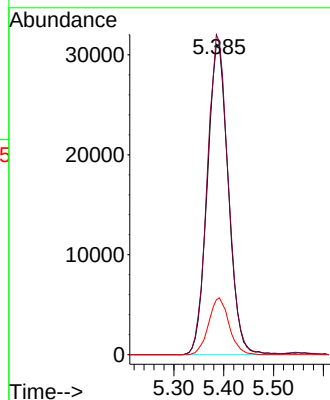
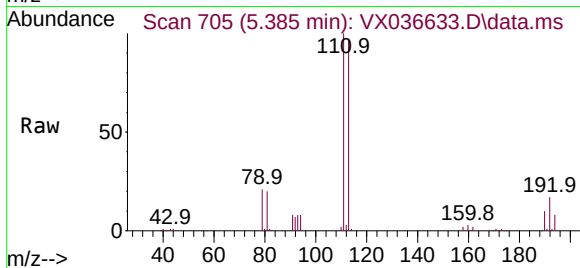
Tgt Ion:113 Resp: 91302

Ion Ratio Lower Upper

113 100

111 102.3 82.9 124.3

192 17.7 13.3 19.9



#39

Methylcyclohexane

Concen: 0.079 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.012 min

Lab File: VX036633.D

Acq: 24 Jul 2023 16:33

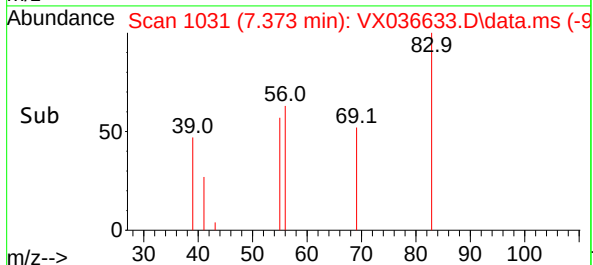
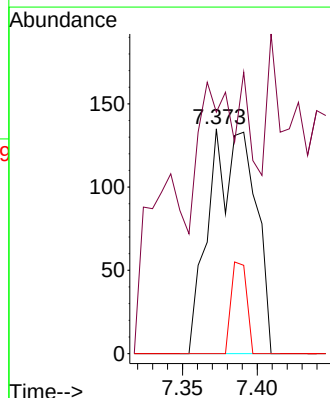
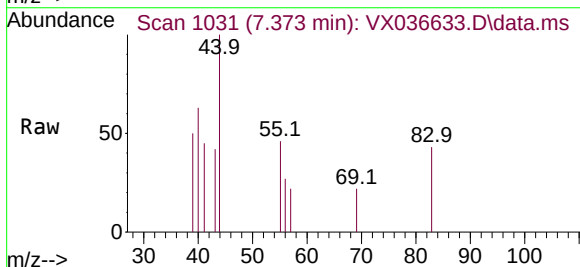
Tgt Ion: 83 Resp: 284

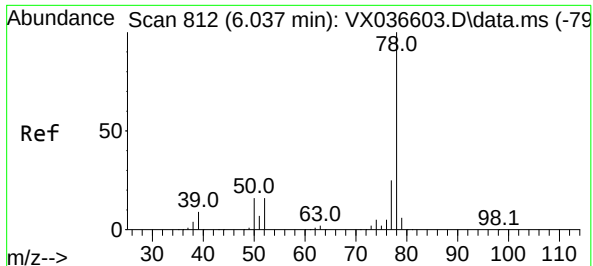
Ion Ratio Lower Upper

83 100

55 43.7 64.6 97.0#

98 0.0 36.7 55.1#

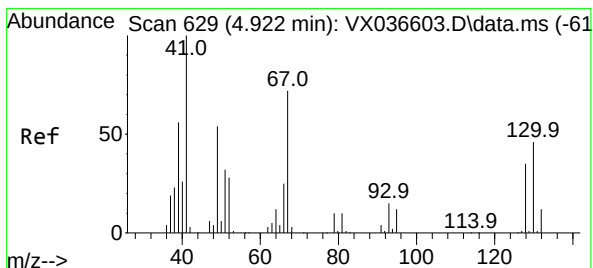
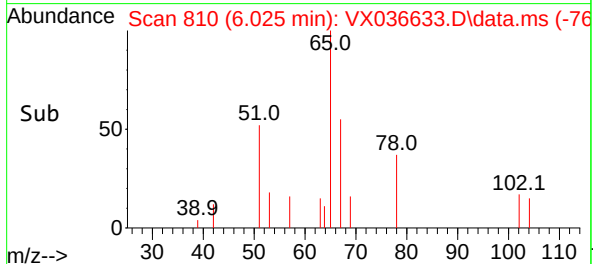
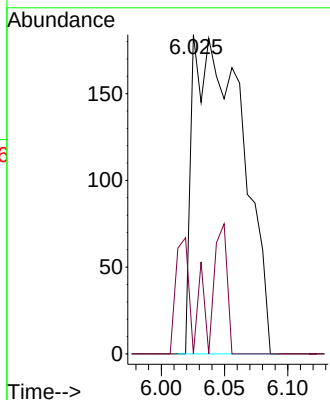
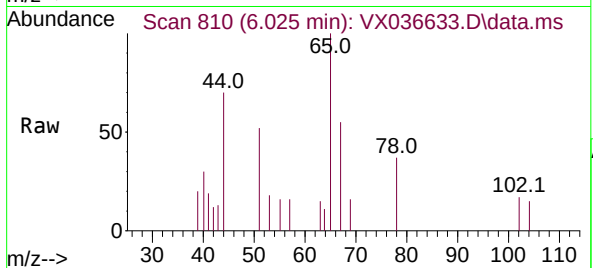




#40
Benzene
Concen: 0.060 ug/l
RT: 6.025 min Scan# 812
Delta R.T. -0.012 min
Lab File: VX036633.D
Acq: 24 Jul 2023 16:33

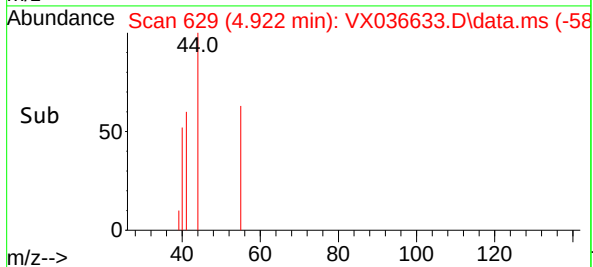
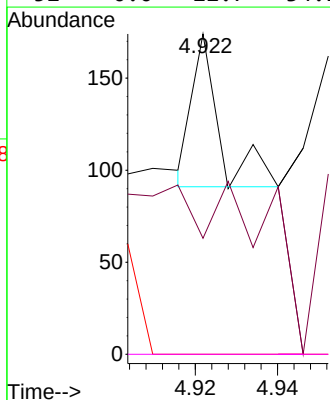
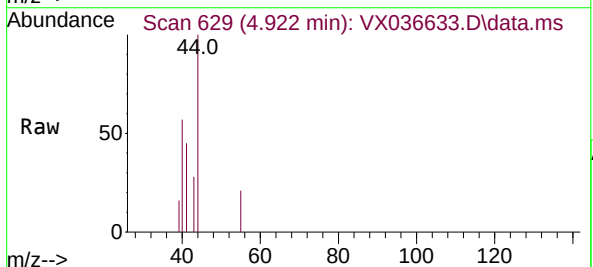
Instrument :
MSVOA_X
ClientSampleId :
32416

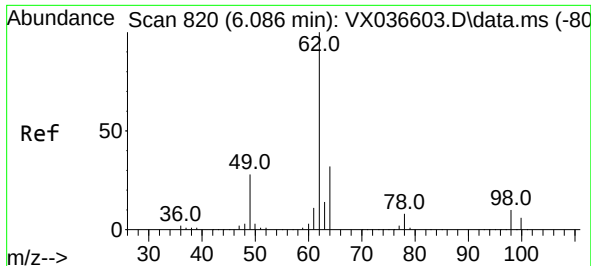
Tgt Ion: 78 Resp: 504
Ion Ratio Lower Upper
78 100
77 0.0 19.3 28.9#



#41
Methacrylonitrile
Concen: 0.022 ug/l
RT: 4.922 min Scan# 629
Delta R.T. 0.000 min
Lab File: VX036633.D
Acq: 24 Jul 2023 16:33

Tgt Ion: 41 Resp: 38
Ion Ratio Lower Upper
41 100
39 0.0 45.2 67.8#
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#





#42

1,2-Dichloroethane

Concen: 0.073 ug/l

RT: 6.092 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX036633.D

Acq: 24 Jul 2023 16:33

Instrument :

MSVOA_X

ClientSampleId :

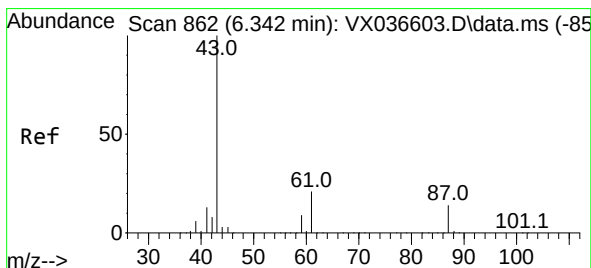
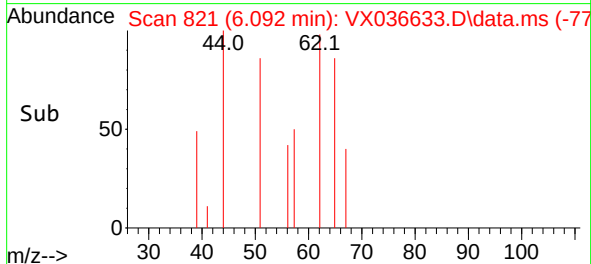
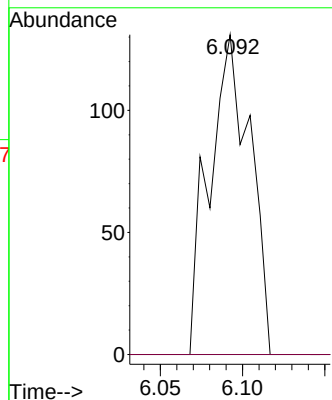
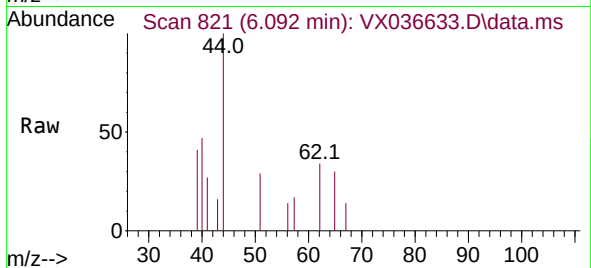
32416

Tgt Ion: 62 Resp: 226

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.0



#43

Isopropyl Acetate

Concen: 0.038 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.006 min

Lab File: VX036633.D

Acq: 24 Jul 2023 16:33

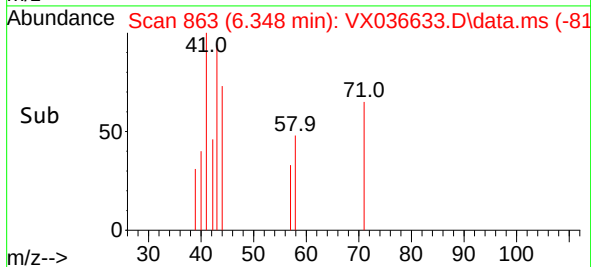
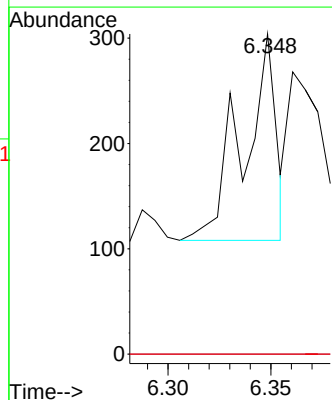
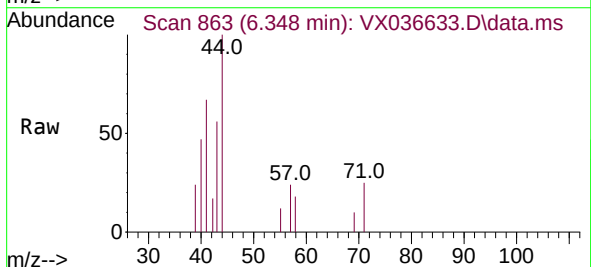
Tgt Ion: 43 Resp: 217

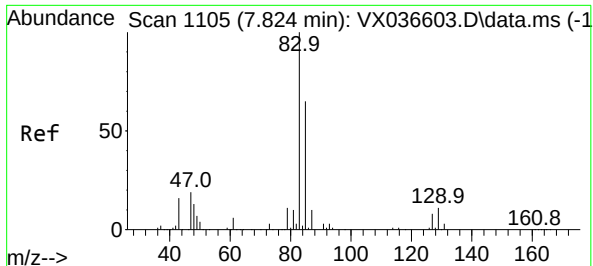
Ion Ratio Lower Upper

43 100

61 0.0 15.2 22.8#

87 0.0 9.8 14.6#

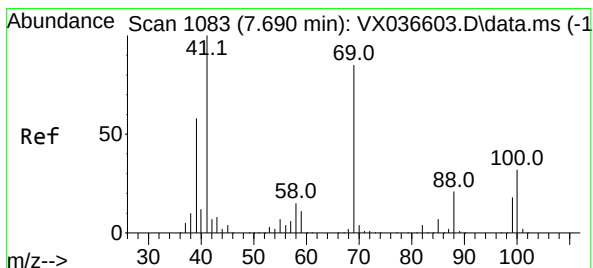
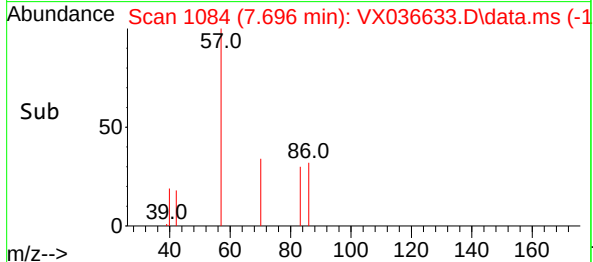
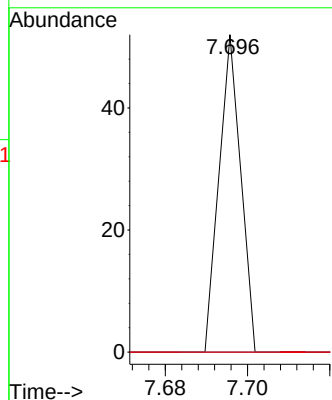
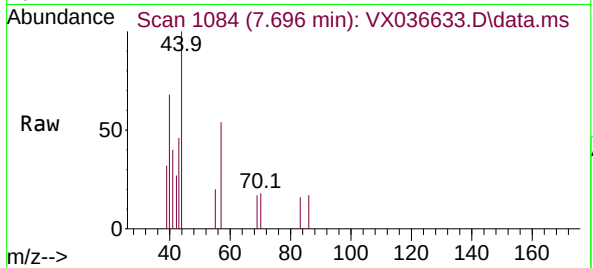




#47
Bromodichloromethane
Concen: 0.006 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.128 min
Lab File: VX036633.D
Acq: 24 Jul 2023 16:33

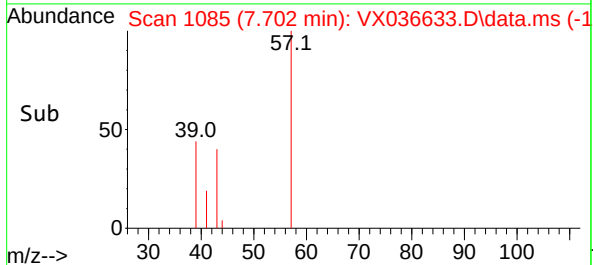
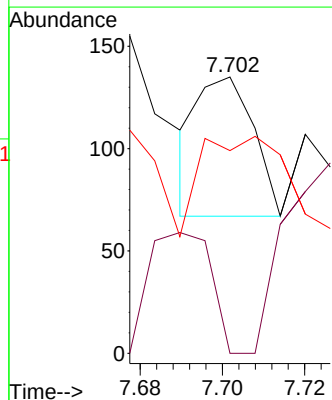
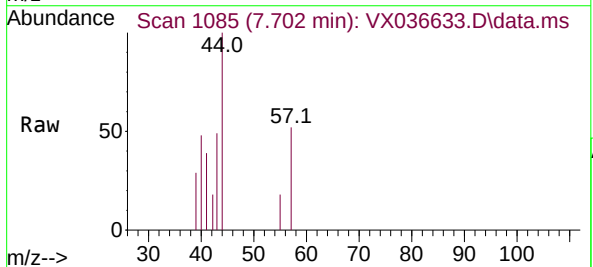
Instrument :
MSVOA_X
ClientSampleId :
32416

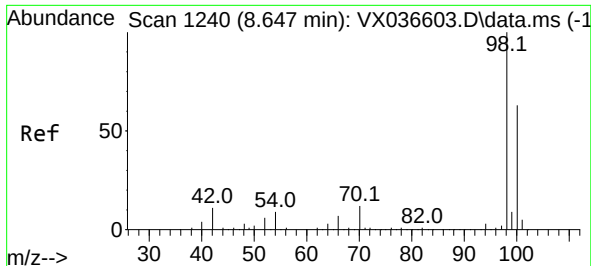
Tgt Ion: 83 Resp: 19
Ion Ratio Lower Upper
83 100
85 0.0 49.8 74.6#
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 0.024 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.012 min
Lab File: VX036633.D
Acq: 24 Jul 2023 16:33

Tgt Ion: 41 Resp: 64
Ion Ratio Lower Upper
41 100
69 96.9 59.2 88.8#
39 306.3 47.7 71.5#

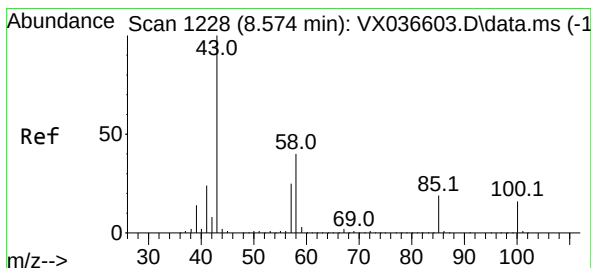
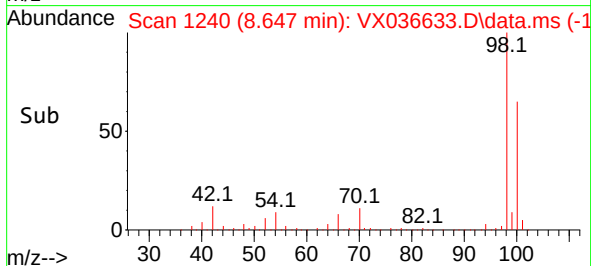
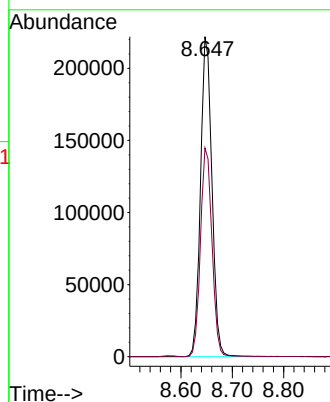
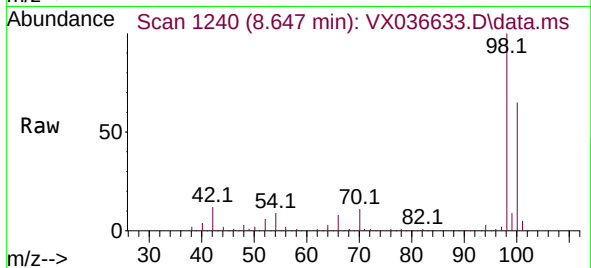




#50
Toluene-d8
Concen: 49.351 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036633.D
Acq: 24 Jul 2023 16:33

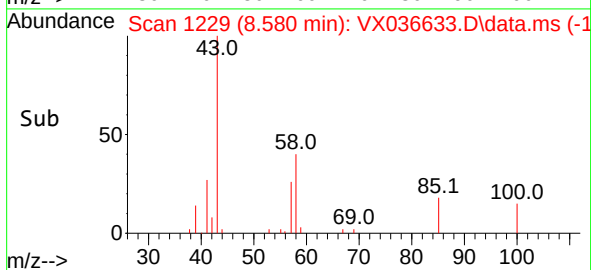
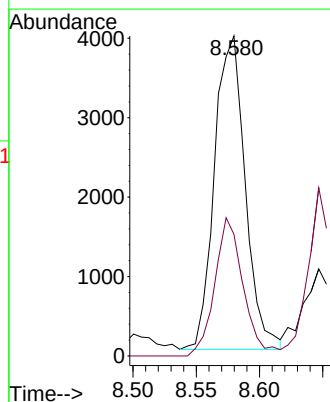
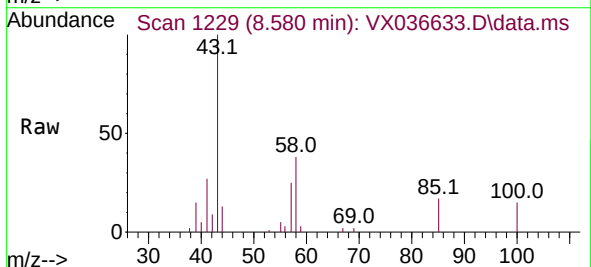
Instrument :
MSVOA_X
ClientSampleId :
32416

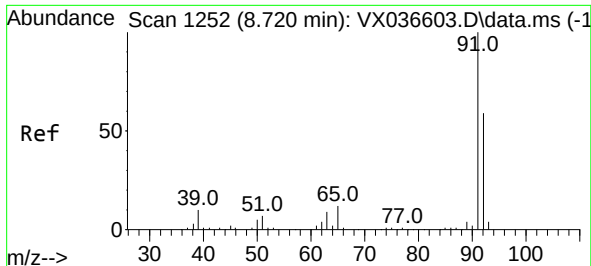
Tgt Ion: 98 Resp: 341488
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 2.127 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX036633.D
Acq: 24 Jul 2023 16:33

Tgt Ion: 43 Resp: 6671
Ion Ratio Lower Upper
43 100
58 40.8 30.4 45.6

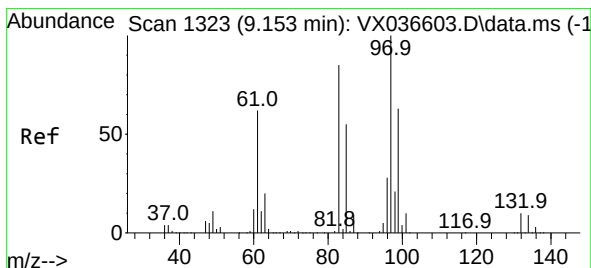
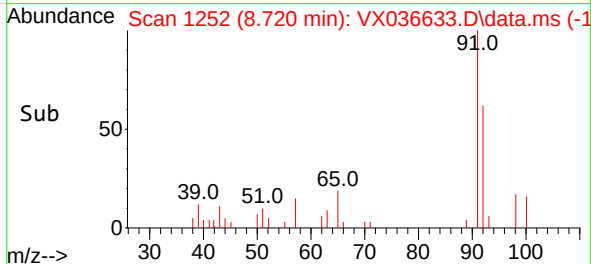
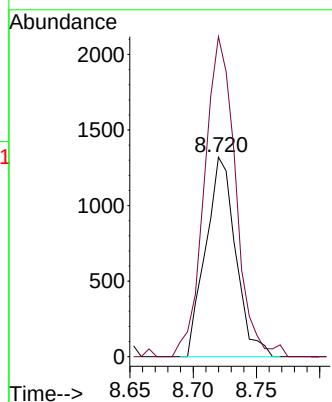
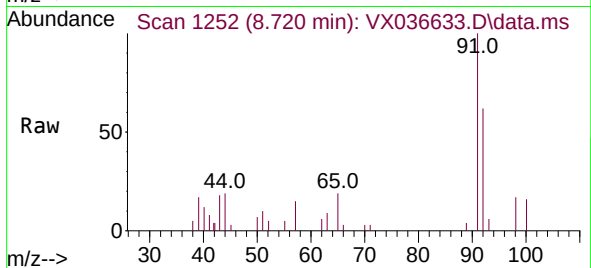




#52
Toluene
Concen: 0.409 ug/l
RT: 8.720 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VX036633.D
Acq: 24 Jul 2023 16:33

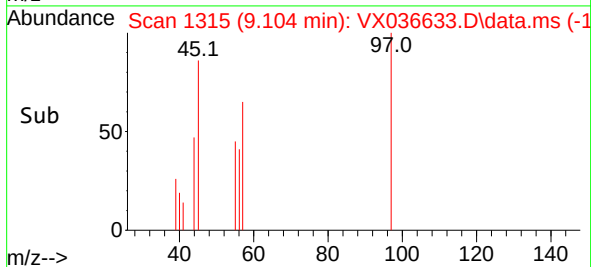
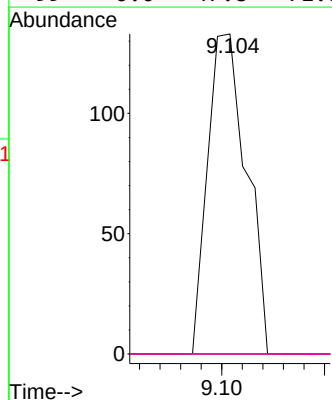
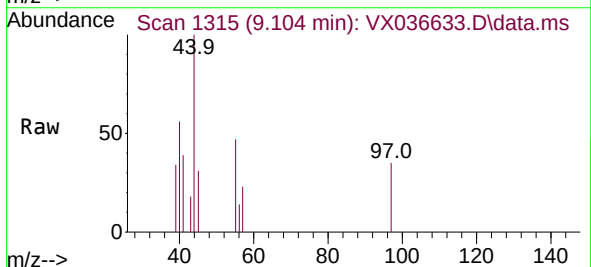
Instrument :
MSVOA_X
ClientSampleId :
32416

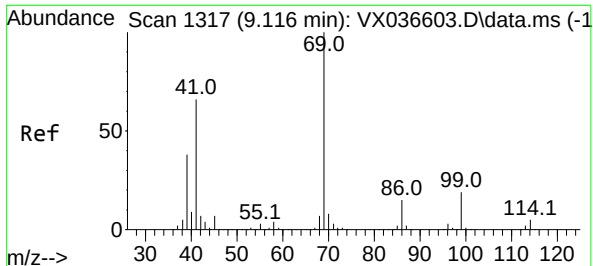
Tgt Ion: 92 Resp: 2170
Ion Ratio Lower Upper
92 100
91 168.2 134.2 201.2



#55
1,1,2-Trichloroethane
Concen: 0.079 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.049 min
Lab File: VX036633.D
Acq: 24 Jul 2023 16:33

Tgt Ion: 97 Resp: 175
Ion Ratio Lower Upper
97 100
83 0.0 65.8 98.8#
85 0.0 41.6 62.4#
99 0.0 47.8 71.8#





#56

Ethyl methacrylate

Concen: 0.017 ug/l

RT: 9.098 min Scan# 11

Delta R.T. -0.018 min

Lab File: VX036633.D

Acq: 24 Jul 2023 16:33

Instrument :

MSVOA_X

ClientSampleId :

32416

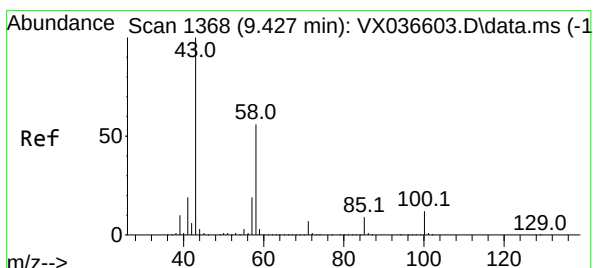
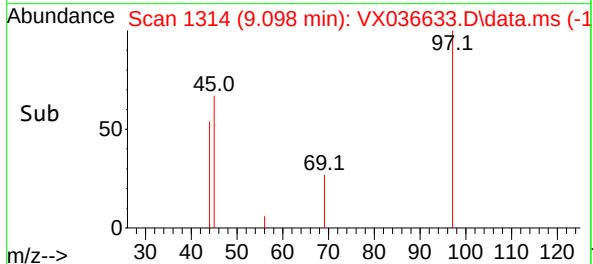
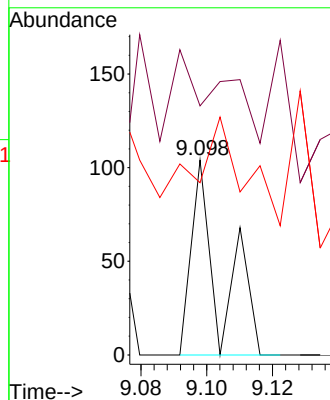
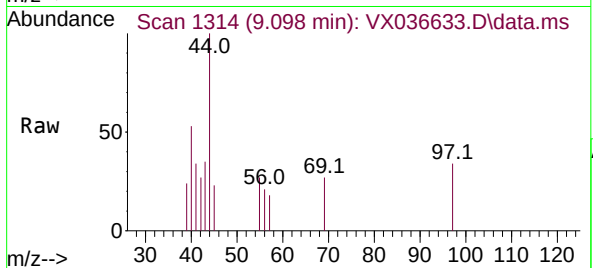
Tgt Ion: 69 Resp: 63

Ion Ratio Lower Upper

69 100

41 327.0 56.8 85.2#

39 0.0 32.0 48.0#



#59

2-Hexanone

Concen: 1.027 ug/l

RT: 9.439 min Scan# 1370

Delta R.T. 0.012 min

Lab File: VX036633.D

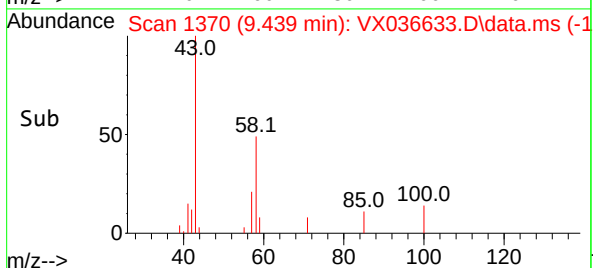
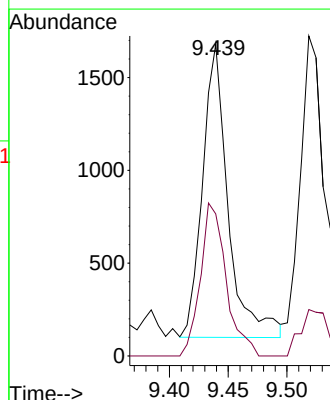
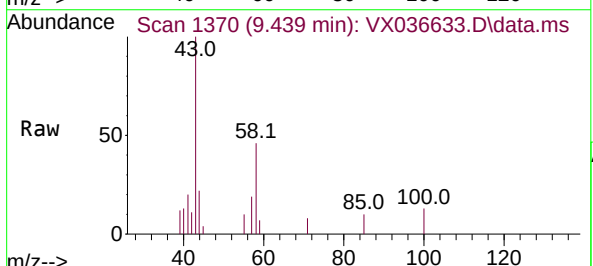
Acq: 24 Jul 2023 16:33

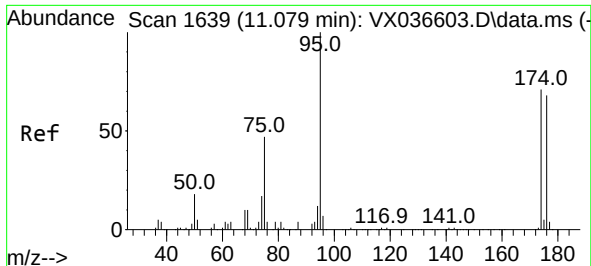
Tgt Ion: 43 Resp: 2389

Ion Ratio Lower Upper

43 100

58 52.4 26.2 78.5

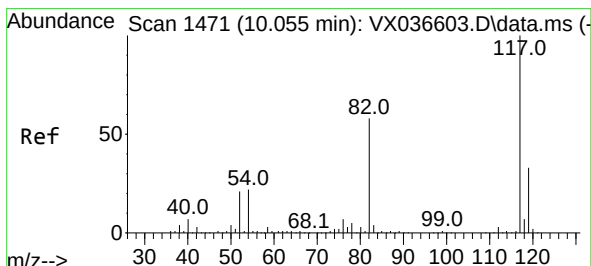
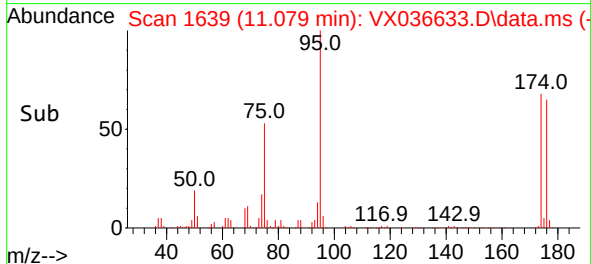
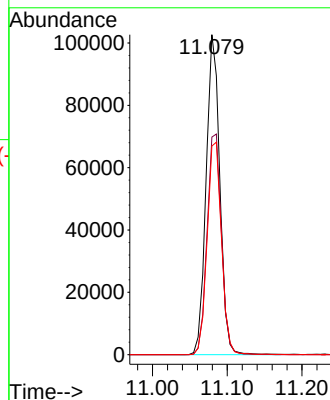
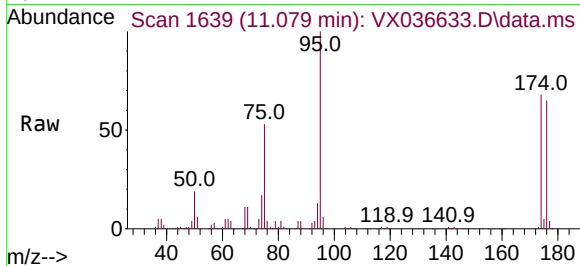




#62
4-Bromofluorobenzene
Concen: 50.043 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036633.D
Acq: 24 Jul 2023 16:33

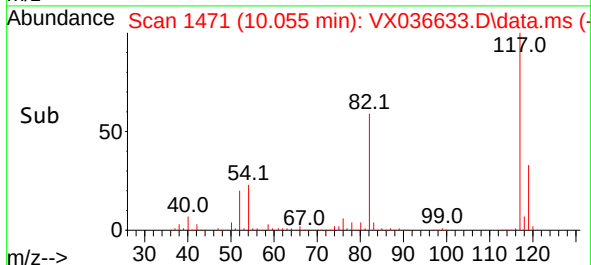
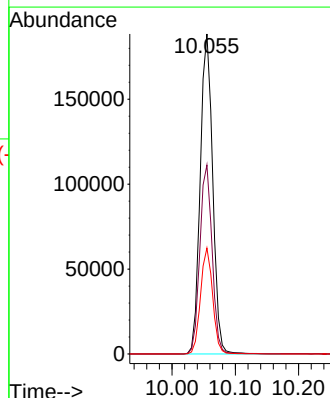
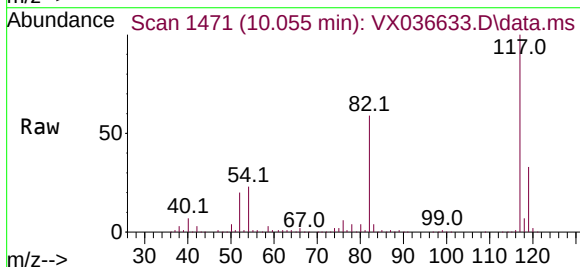
Instrument :
MSVOA_X
ClientSampleId :
32416

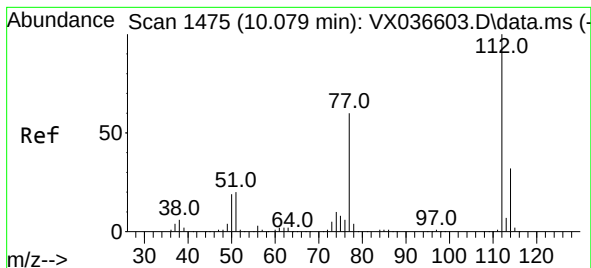
Tgt Ion: 95 Resp: 130643
Ion Ratio Lower Upper
95 100
174 72.2 0.0 135.6
176 69.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036633.D
Acq: 24 Jul 2023 16:33

Tgt Ion: 117 Resp: 258810
Ion Ratio Lower Upper
117 100
82 59.1 46.2 69.4
119 33.1 25.5 38.3

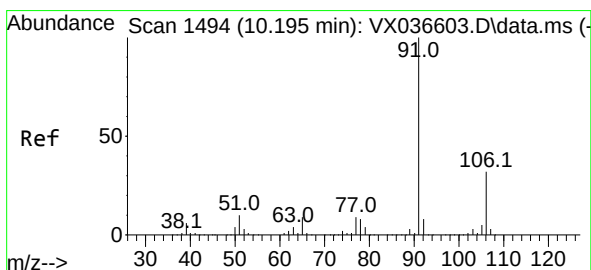
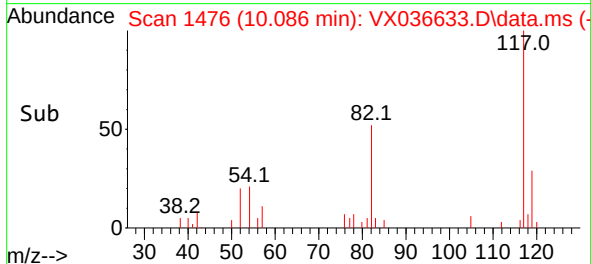
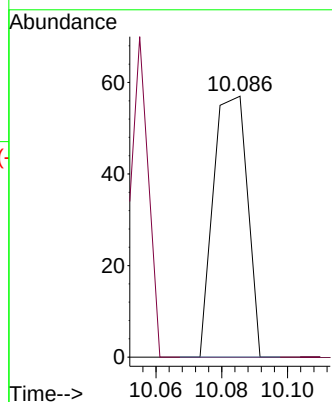
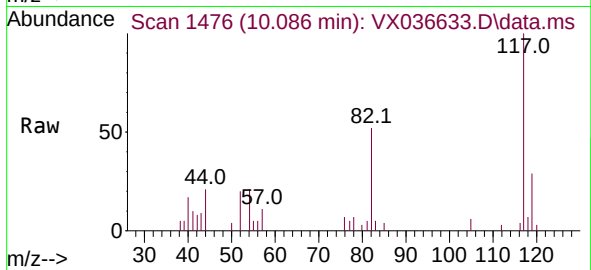




#65
Chlorobenzene
Concen: 0.007 ug/l
RT: 10.086 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX036633.D
Acq: 24 Jul 2023 16:33

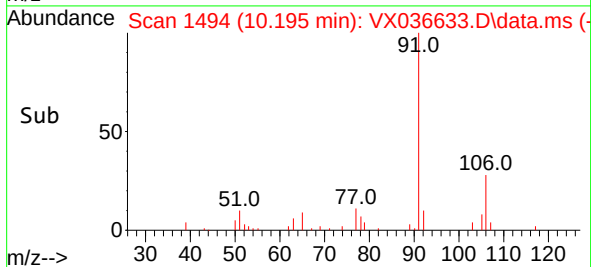
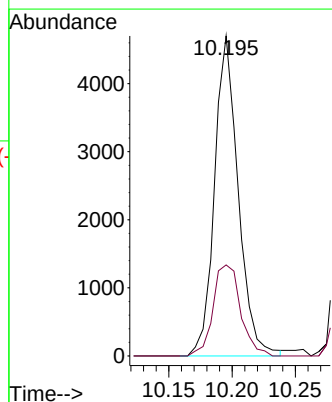
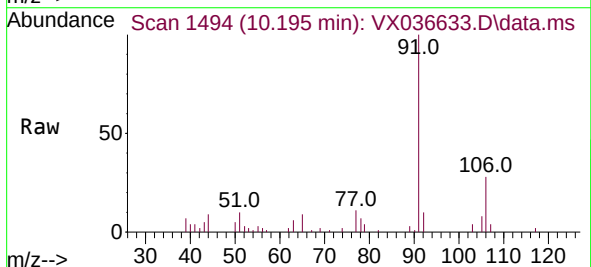
Instrument :
MSVOA_X
ClientSampleId :
32416

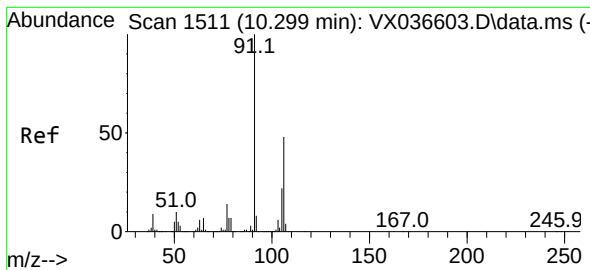
Tgt Ion:112 Resp: 41
Ion Ratio Lower Upper
112 100
114 0.0 25.7 38.5#



#67
Ethyl Benzene
Concen: 0.586 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036633.D
Acq: 24 Jul 2023 16:33

Tgt Ion: 91 Resp: 6112
Ion Ratio Lower Upper
91 100
106 28.5 24.9 37.3

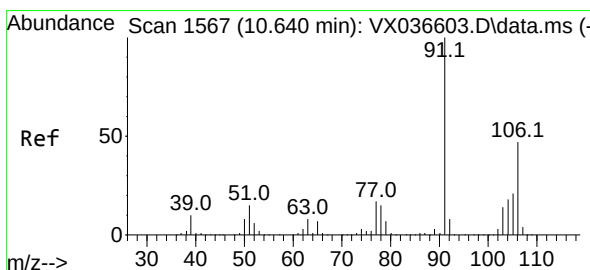
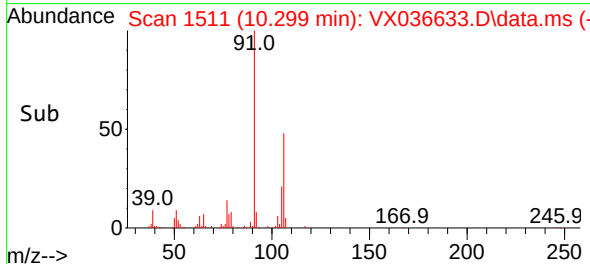
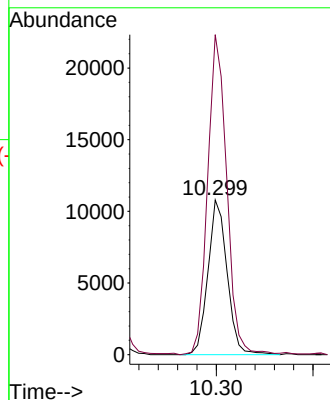
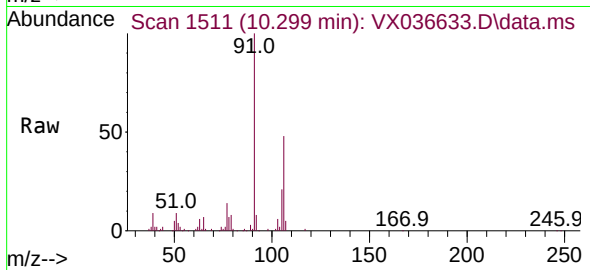




#68
m/p-Xylenes
Concen: 3.829 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036633.D
Acq: 24 Jul 2023 16:33

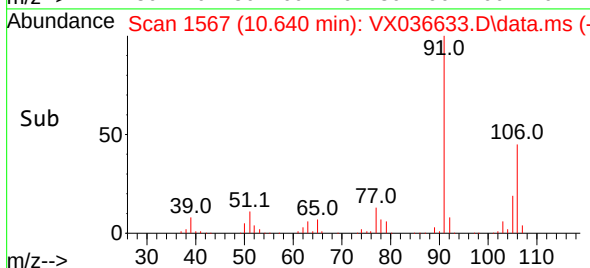
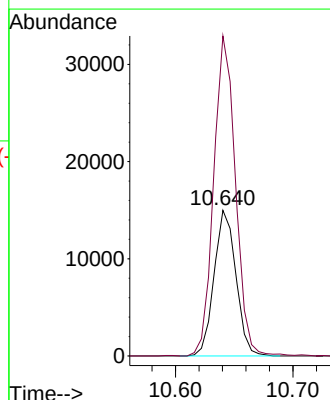
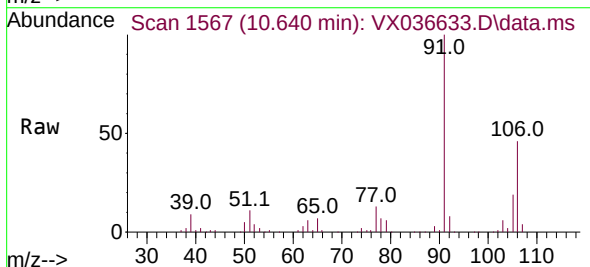
Instrument :
MSVOA_X
ClientSampleId :
32416

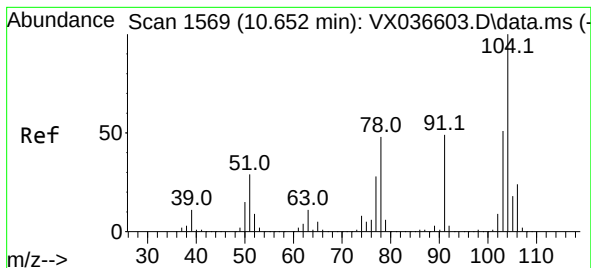
Tgt Ion:106 Resp: 14889
Ion Ratio Lower Upper
106 100
91 206.1 165.5 248.3



#69
o-Xylene
Concen: 4.984 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036633.D
Acq: 24 Jul 2023 16:33

Tgt Ion:106 Resp: 19346
Ion Ratio Lower Upper
106 100
91 219.8 108.9 326.8





#70

Styrene

Concen: 0.179 ug/l

RT: 10.646 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX036633.D

Acq: 24 Jul 2023 16:33

Instrument :

MSVOA_X

ClientSampleId :

32416

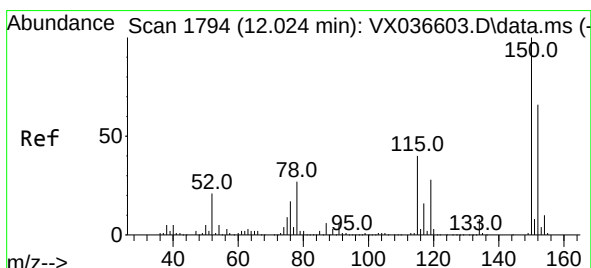
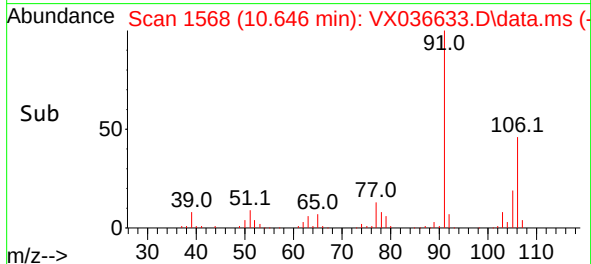
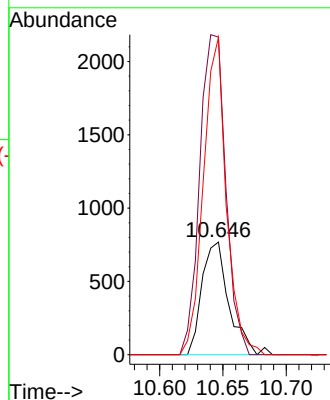
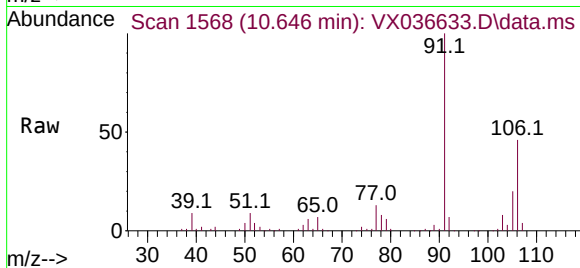
Tgt Ion:104 Resp: 1144

Ion Ratio Lower Upper

104 100

78 273.1 43.6 65.4#

103 239.2 43.6 65.4#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX036633.D

Acq: 24 Jul 2023 16:33

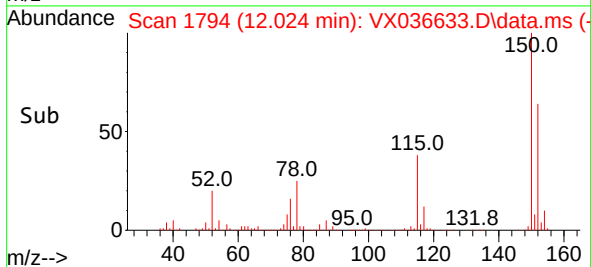
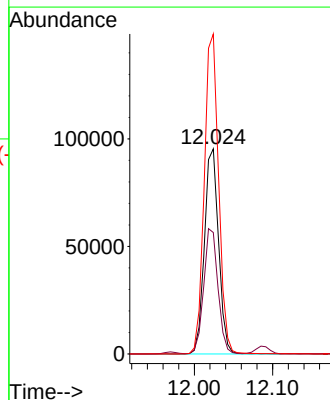
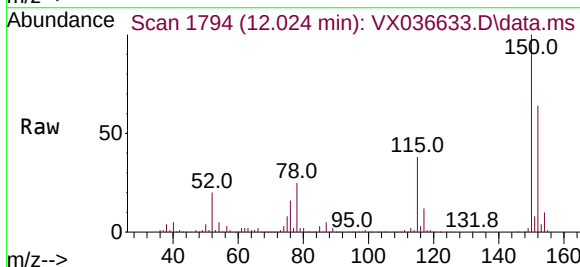
Tgt Ion:152 Resp: 119584

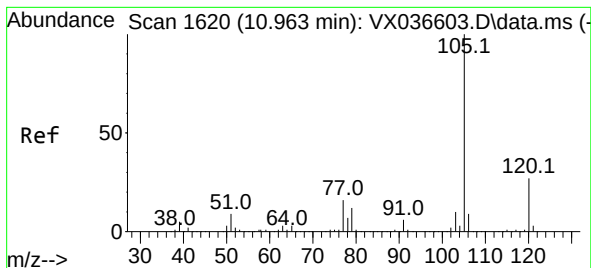
Ion Ratio Lower Upper

152 100

115 61.3 43.3 129.9

150 157.7 0.0 345.0





#73

Isopropylbenzene

Concen: 0.665 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX036633.D

Acq: 24 Jul 2023 16:33

Instrument :

MSVOA_X

ClientSampleId :

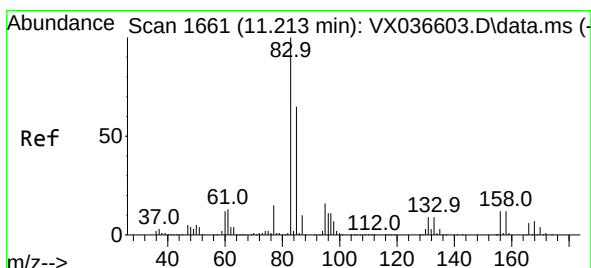
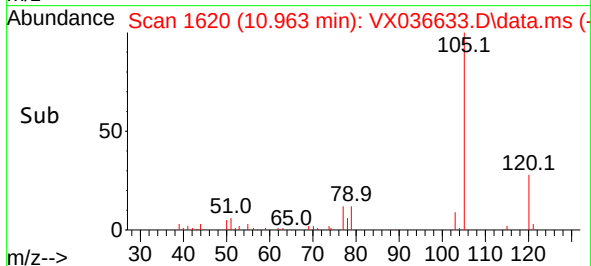
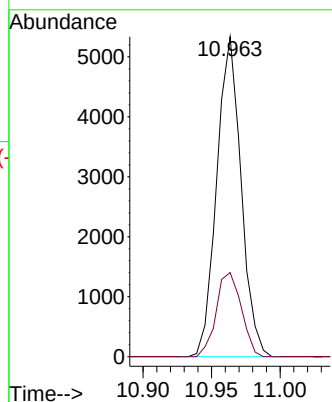
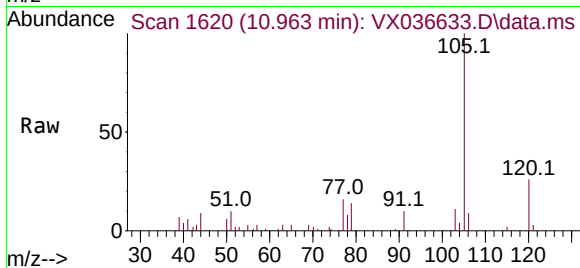
32416

Tgt Ion:105 Resp: 6579

Ion Ratio Lower Upper

105 100

120 27.1 12.9 38.6



#75

1,1,2,2-Tetrachloroethane

Concen: 0.024 ug/l

RT: 11.226 min Scan# 1663

Delta R.T. 0.012 min

Lab File: VX036633.D

Acq: 24 Jul 2023 16:33

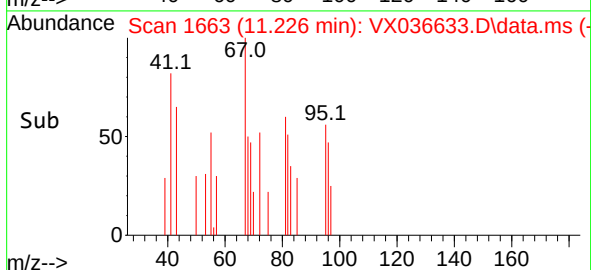
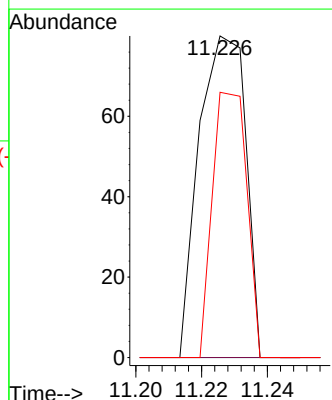
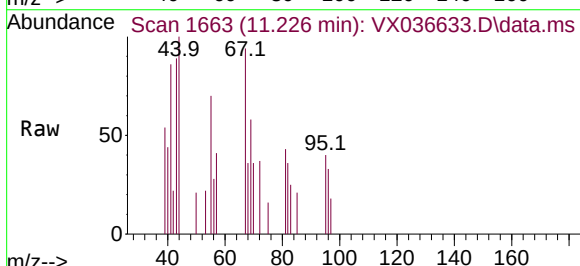
Tgt Ion: 83 Resp: 79

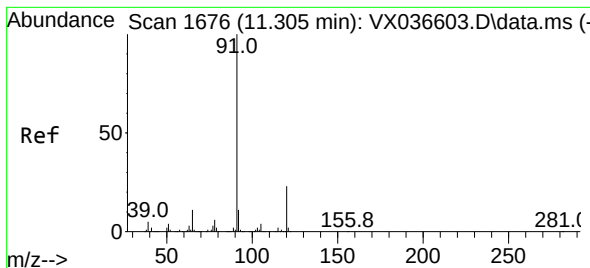
Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.8#

85 60.8 32.0 96.2





#78

n-propylbenzene

Concen: 1.035 ug/l

RT: 11.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036633.D

Acq: 24 Jul 2023 16:33

Instrument :

MSVOA_X

ClientSampleId :

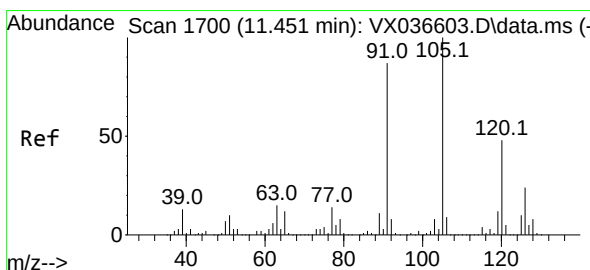
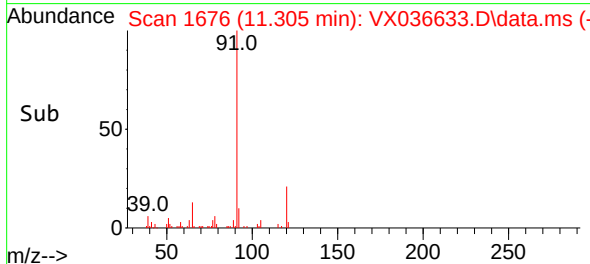
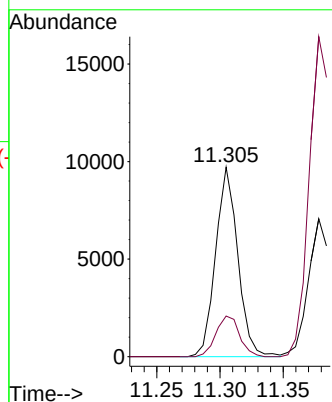
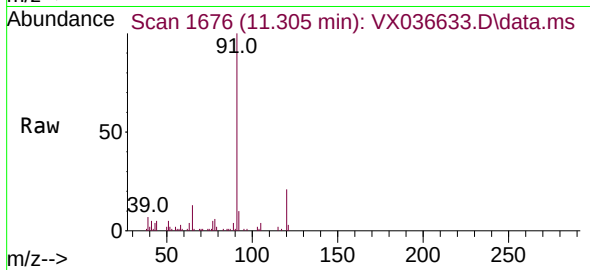
32416

Tgt Ion: 91 Resp: 11844

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.4



#80

1,3,5-Trimethylbenzene

Concen: 3.589 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX036633.D

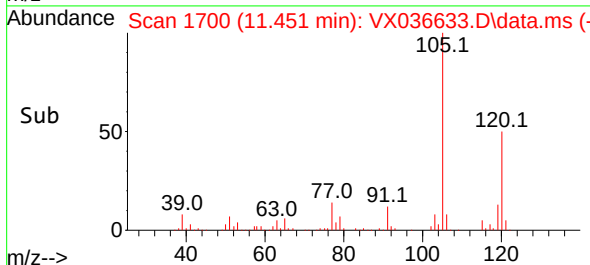
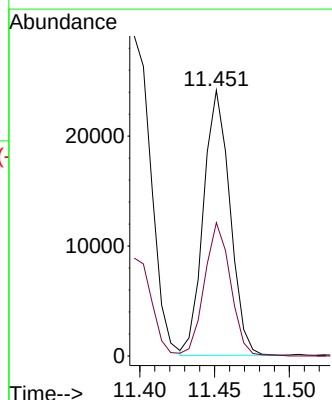
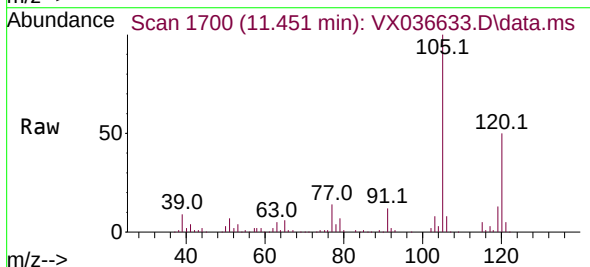
Acq: 24 Jul 2023 16:33

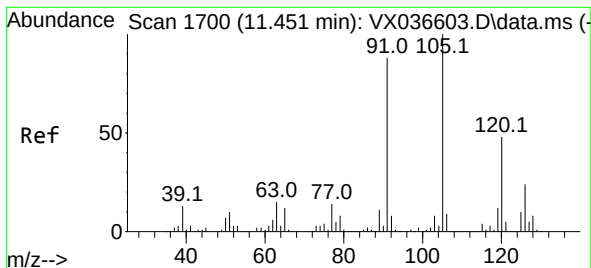
Tgt Ion:105 Resp: 29717

Ion Ratio Lower Upper

105 100

120 49.5 24.1 72.3

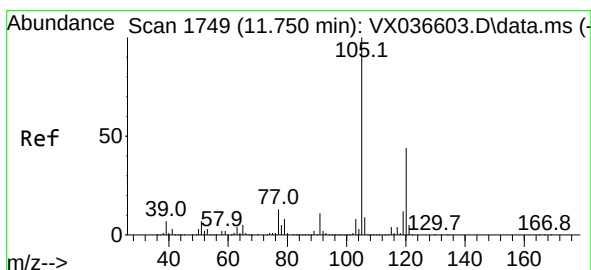
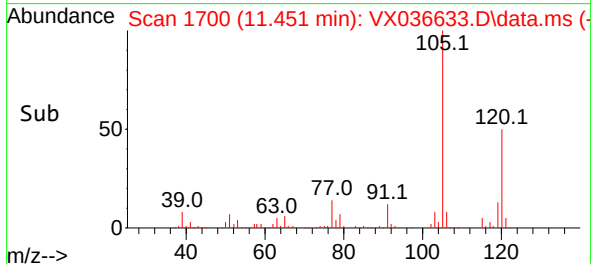
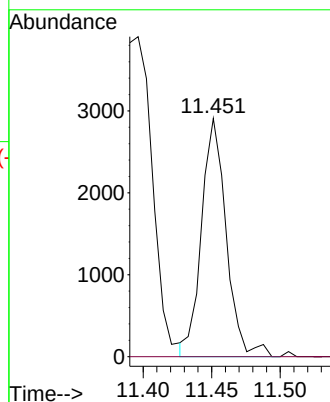
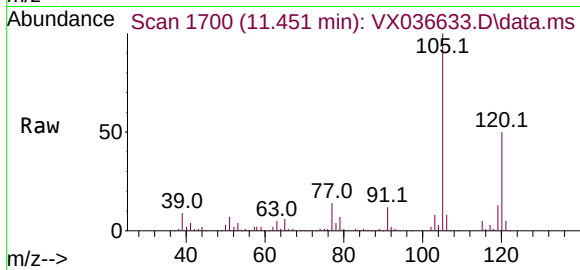




#82
4-Chlorotoluene
Concen: 0.462 ug/l
RT: 11.451 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VX036633.D
Acq: 24 Jul 2023 16:33

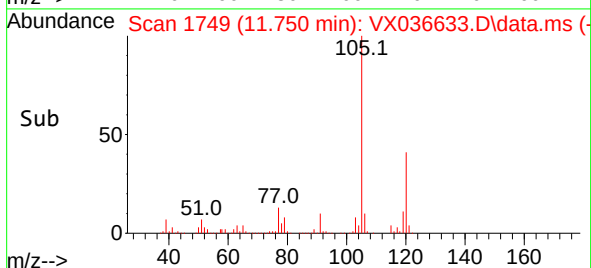
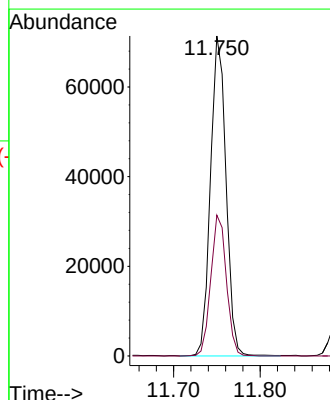
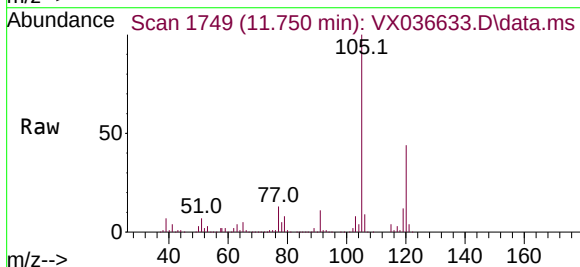
Instrument :
MSVOA_X
ClientSampleId :
32416

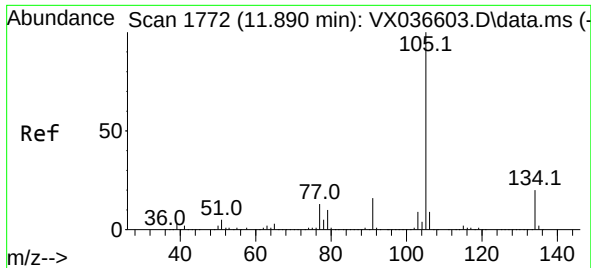
Tgt Ion: 91 Resp: 3650
Ion Ratio Lower Upper
91 100
126 0.0 14.2 42.6#



#84
1,2,4-Trimethylbenzene
Concen: 10.737 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX036633.D
Acq: 24 Jul 2023 16:33

Tgt Ion: 105 Resp: 88903
Ion Ratio Lower Upper
105 100
120 44.1 21.2 63.6

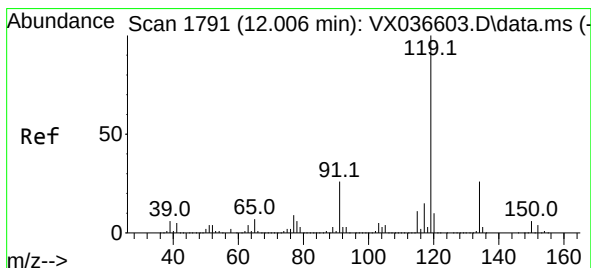
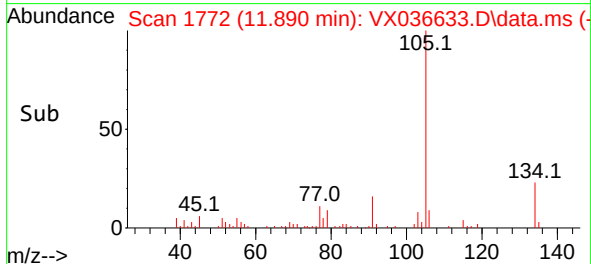
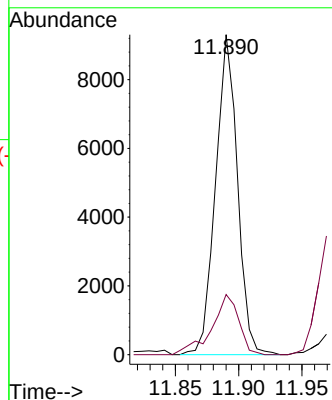
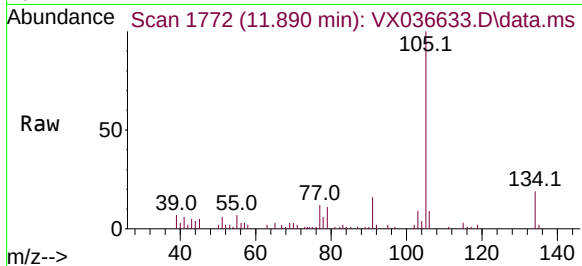




#85
 sec-Butylbenzene
 Concen: 1.101 ug/l
 RT: 11.890 min Scan# 11169
 Delta R.T. 0.000 min
 Lab File: VX036633.D
 Acq: 24 Jul 2023 16:33

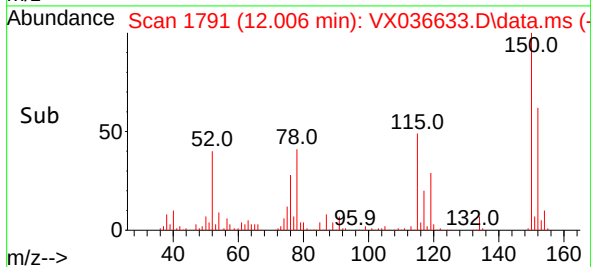
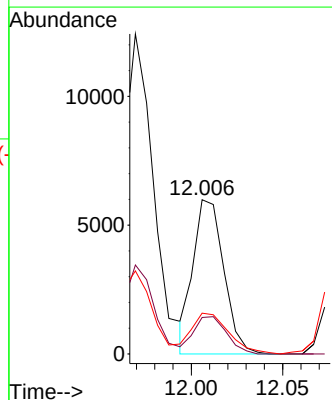
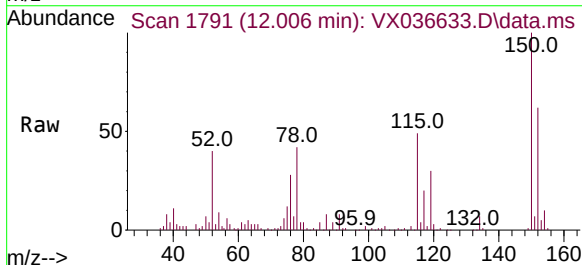
Instrument :
 MSVOA_X
 ClientSampleId :
 32416

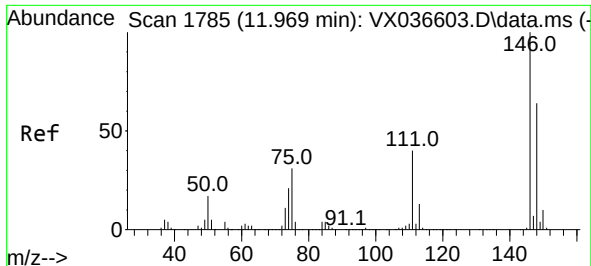
Tgt Ion:105 Resp: 11169
 Ion Ratio Lower Upper
 105 100
 134 23.2 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 0.834 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX036633.D
 Acq: 24 Jul 2023 16:33

Tgt Ion:119 Resp: 6958
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.8 38.3
 91 33.9 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 0.017 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX036633.D

Acq: 24 Jul 2023 16:33

Instrument :

MSVOA_X

ClientSampleId :

32416

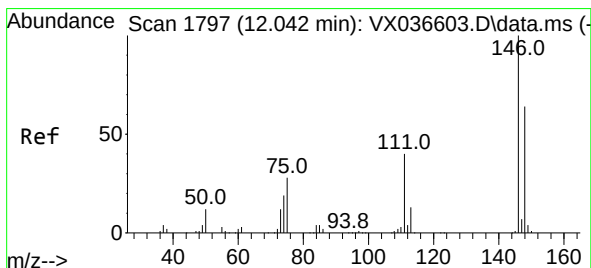
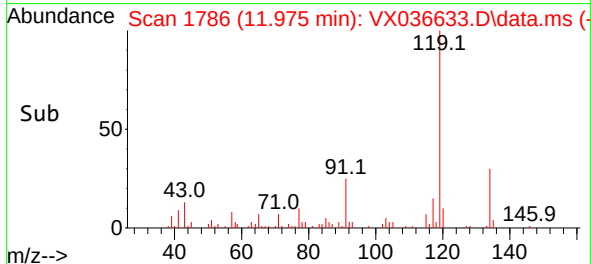
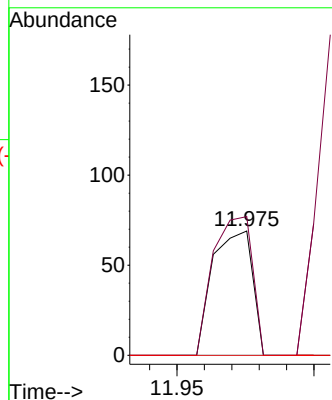
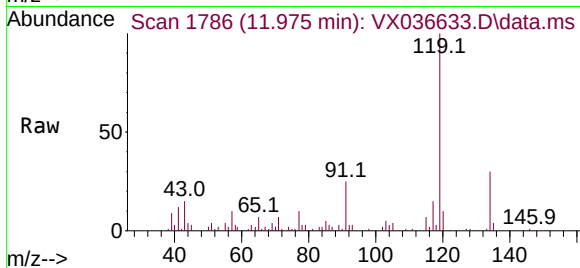
Tgt Ion:146 Resp: 70

Ion Ratio Lower Upper

146 100

111 110.0 22.1 66.1#

148 0.0 31.8 95.3#



#88

1,4-Dichlorobenzene

Concen: 0.034 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.006 min

Lab File: VX036633.D

Acq: 24 Jul 2023 16:33

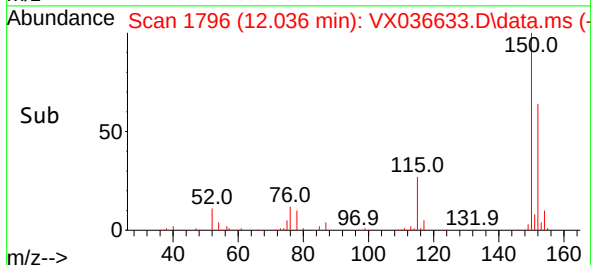
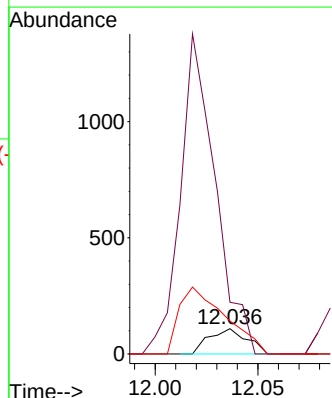
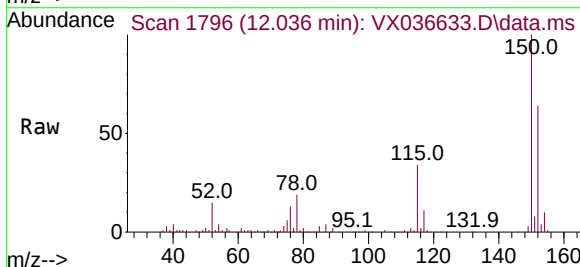
Tgt Ion:146 Resp: 140

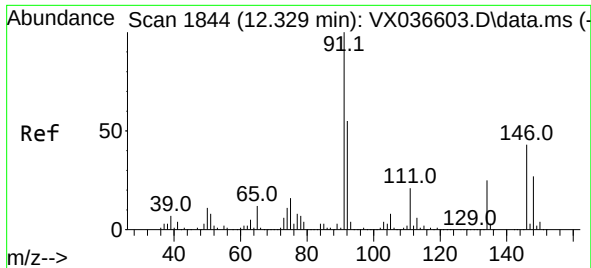
Ion Ratio Lower Upper

146 100

111 1161.4 21.3 63.7#

148 324.3 31.8 95.4#

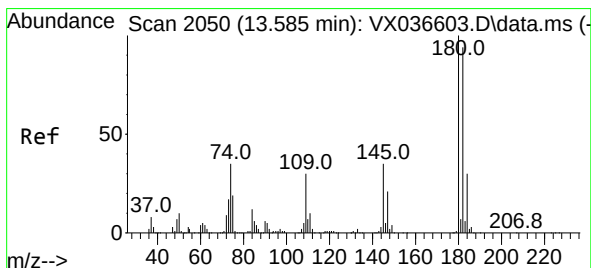
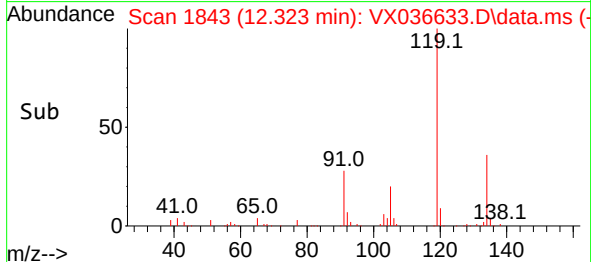
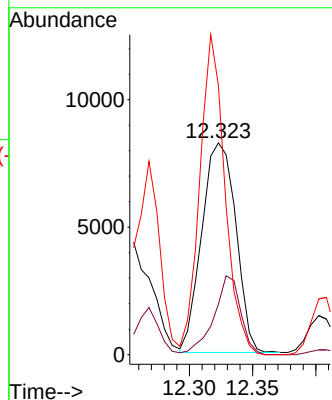
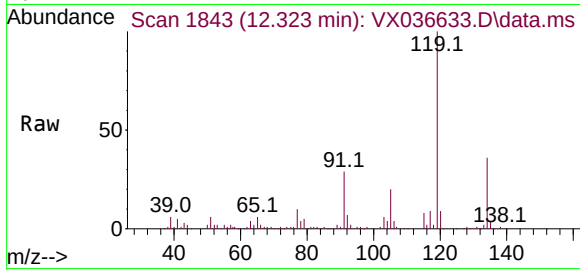




#89
n-Butylbenzene
Concen: 2.058 ug/l
RT: 12.323 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX036633.D
Acq: 24 Jul 2023 16:33

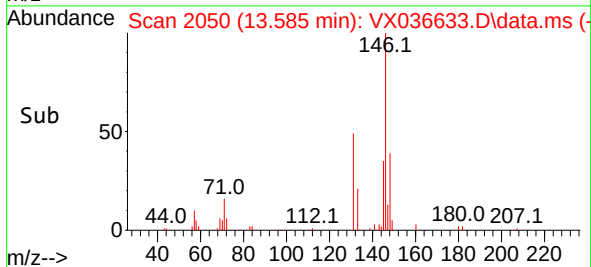
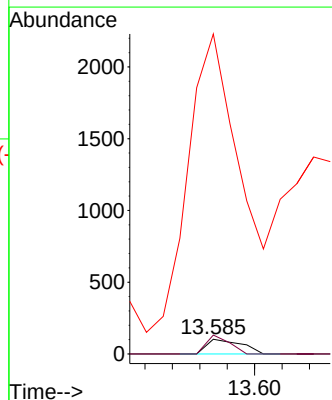
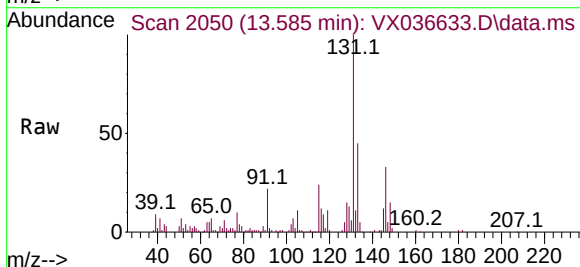
Instrument :
MSVOA_X
ClientSampleId :
32416

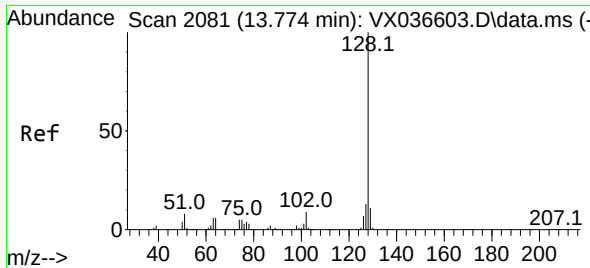
Tgt Ion: 91 Resp: 15378
Ion Ratio Lower Upper
91 100
92 29.6 27.4 82.0
134 113.1 12.6 37.8#



#93
1,2,4-Trichlorobenzene
Concen: 0.036 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX036633.D
Acq: 24 Jul 2023 16:33

Tgt Ion:180 Resp: 90
Ion Ratio Lower Upper
180 100
182 84.4 48.3 144.8
145 3051.1 18.0 54.0#





#95
Naphthalene
Concen: 9.870 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX036633.D
Acq: 24 Jul 2023 16:33

Instrument :
MSVOA_X
ClientSampleId :
32416

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	12.1	8.8	13.2

