

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070124\
 Data File : VX042125.D
 Acq On : 01 Jul 2024 19:25
 Operator : JC/MD
 Sample : P3135-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OK-628-COMP-01

Quant Time: Jul 02 02:11:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

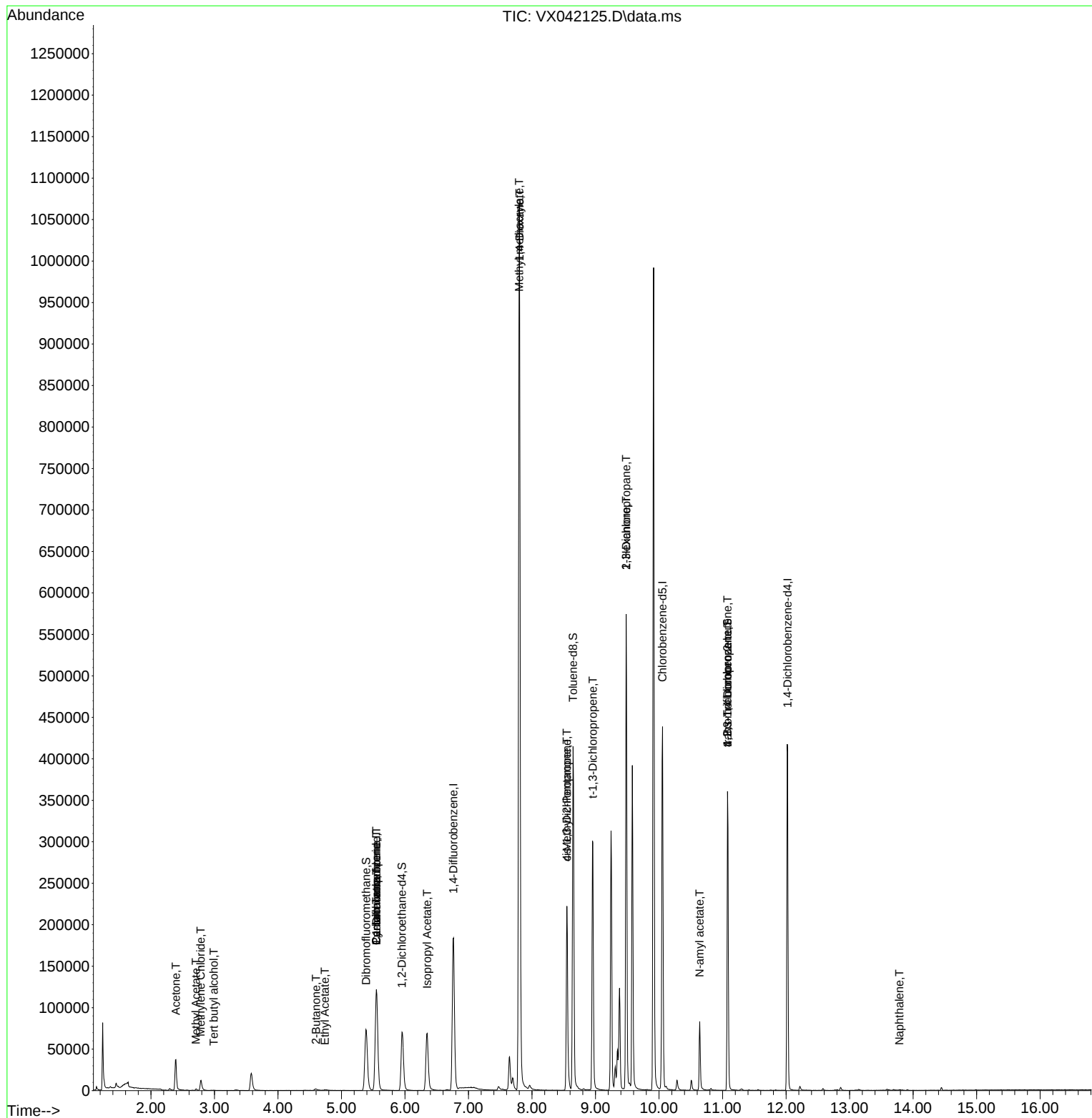
Internal Standards						
1) Pentafluorobenzene	5.550	168	136052	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	211068	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102562	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67481	43.013	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.020%
35) Dibromofluoromethane	5.385	113	66301	44.270	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.540%
50) Toluene-d8	8.647	98	251959	47.889	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.780%
62) 4-Bromofluorobenzene	11.079	95	94650	48.803	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.600%
Target Compounds						
					Qvalue	
6) Chloroethane	1.672	64	1073	Below Cal	#	50
11) Tert butyl alcohol	2.989	59	378	1.270	ug/l #	78
16) Acetone	2.392	43	44162	64.107	ug/l #	88
18) Methyl Acetate	2.709	43	2303	1.225	ug/l	96
20) Methylene Chloride	2.782	84	7047	4.672	ug/l #	84
25) 2-Butanone	4.599	43	4285	3.998	ug/l	91
31) Cyclohexane	5.550	56	1851	1.009	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	7698	4.840	ug/l #	50
37) Ethyl Acetate	4.739	43	2244	1.083	ug/l #	89
38) Carbon Tetrachloride	5.550	117	11576	6.588	ug/l #	17
43) Isopropyl Acetate	6.348	43	99391	31.256	ug/l	94
48) Methyl methacrylate	7.799	41	87606	57.727	ug/l #	45
49) 1,4-Dioxane	7.805	88	138	23.300	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	74537	34.028	ug/l #	53
53) t-1,3-Dichloropropene	8.958	75	741	1.291	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	39164	20.276	ug/l #	50
57) 1,3-Dichloropropane	9.482	76	5215	2.269	ug/l #	42
59) 2-Hexanone	9.482	43	63720	37.981	ug/l #	56
74) N-amyl acetate	10.640	43	20147	7.273	ug/l #	54
76) 1,2,3-Trichloropropane	11.079	75	42709	22.938	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	42709	65.143	ug/l #	5
95) Naphthalene	13.786	128	900	0.868	ug/l #	82

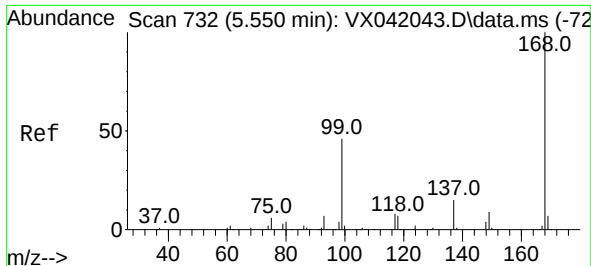
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070124\
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Quant Title : SW846 8260
QLast Update : Fri Jun 21 23:51:58 2024
Response via : Initial Calibration

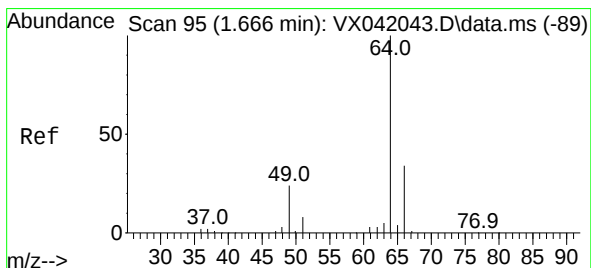
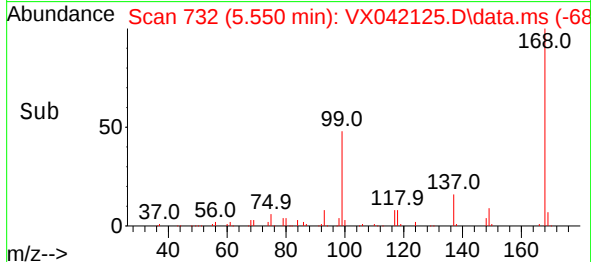
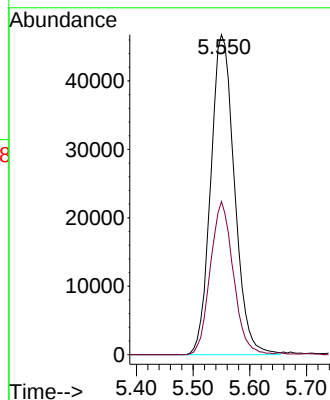
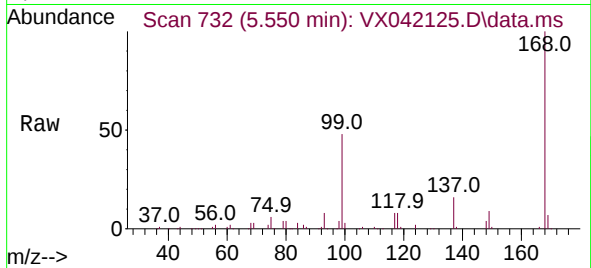




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX042125.D
Acq: 01 Jul 2024 19:25

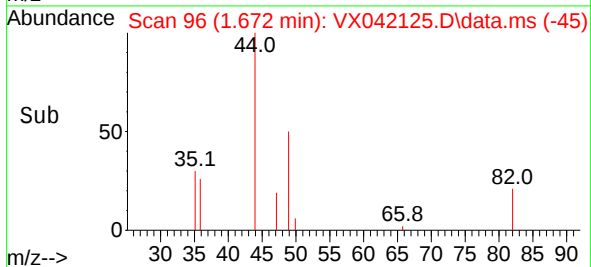
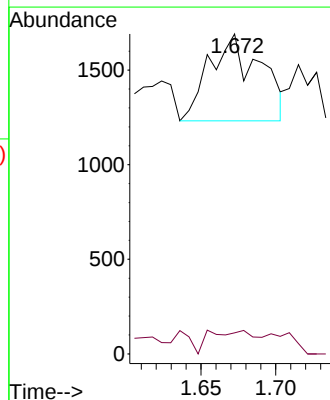
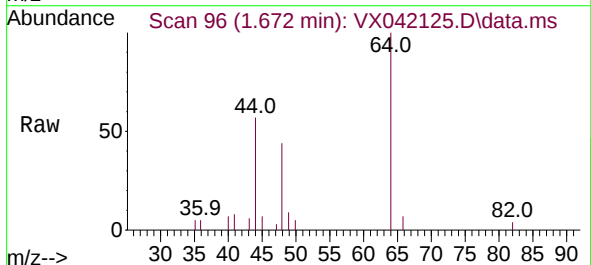
Instrument :
MSVOA_X
ClientSampleId :
OK-628-COMP-01

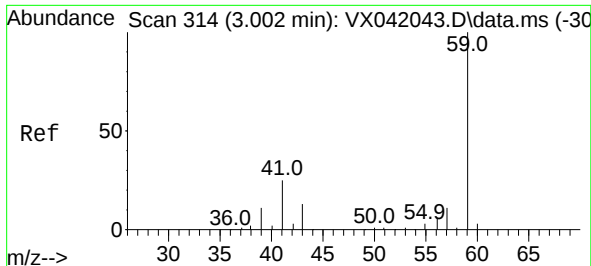
Tgt Ion:168 Resp: 136052
Ion Ratio Lower Upper
168 100
99 47.9 56.6 85.0#



#6
Chloroethane
Concen: Below Cal
RT: 1.672 min Scan# 96
Delta R.T. 0.012 min
Lab File: VX042125.D
Acq: 01 Jul 2024 19:25

Tgt Ion: 64 Resp: 1073
Ion Ratio Lower Upper
64 100
66 3.9 25.1 37.7#





#11

Tert butyl alcohol

Concen: 1.270 ug/l

RT: 2.989 min Scan# 314

Delta R.T. -0.018 min

Lab File: VX042125.D

Acq: 01 Jul 2024 19:25

Instrument :

MSVOA_X

ClientSampleId :

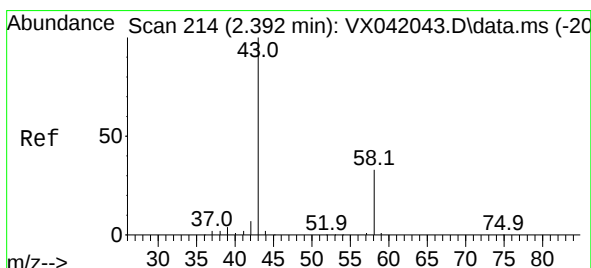
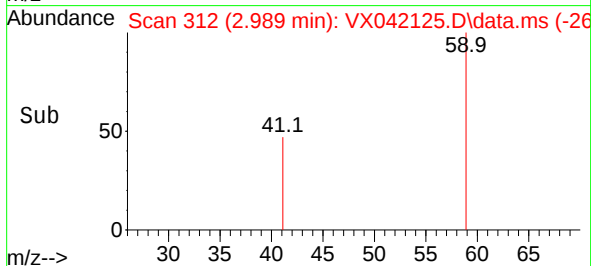
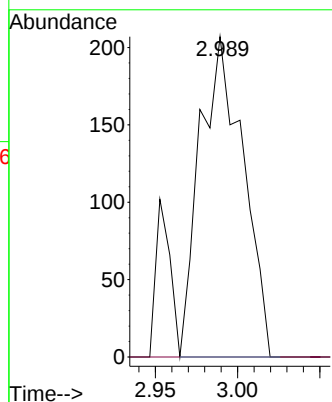
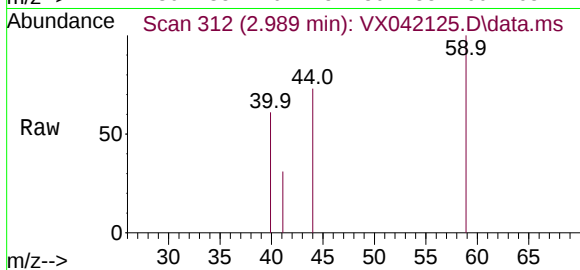
OK-628-COMP-01

Tgt Ion: 59 Resp: 378

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 64.107 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX042125.D

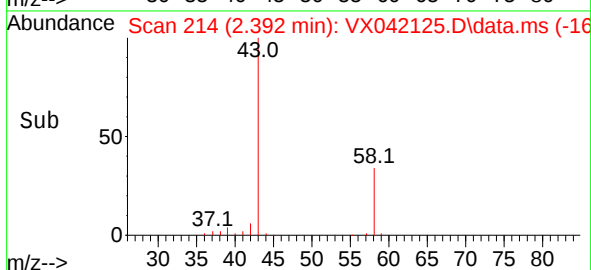
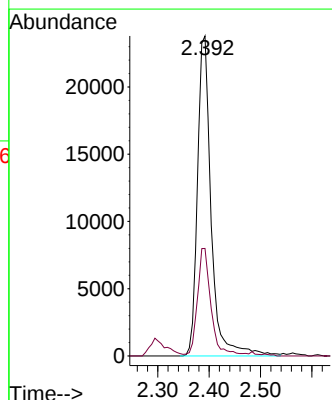
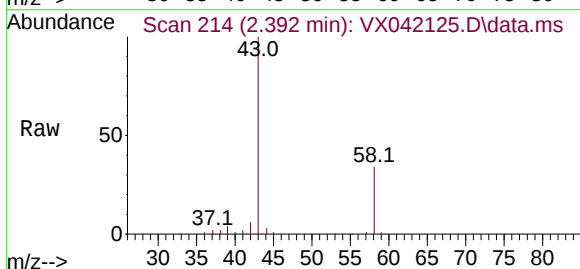
Acq: 01 Jul 2024 19:25

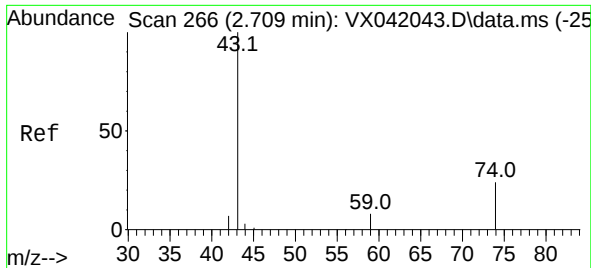
Tgt Ion: 43 Resp: 44162

Ion Ratio Lower Upper

43 100

58 33.6 21.9 32.9#





#18

Methyl Acetate

Concen: 1.225 ug/l

RT: 2.709 min Scan# 2

Delta R.T. 0.000 min

Lab File: VX042125.D

Acq: 01 Jul 2024 19:25

Instrument :

MSVOA_X

ClientSampleId :

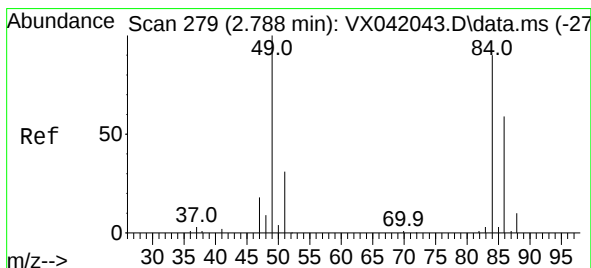
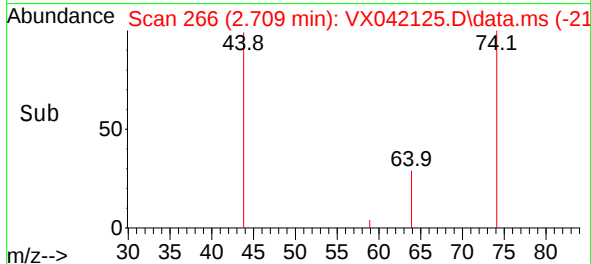
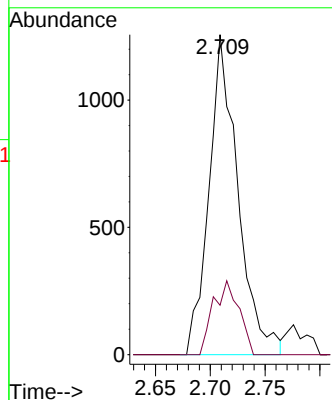
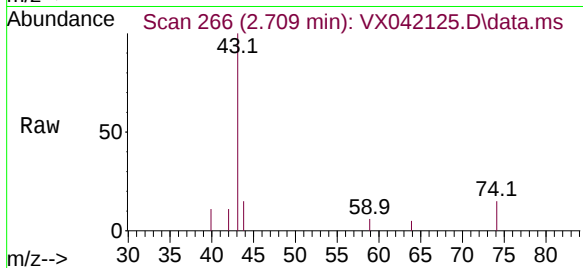
OK-628-COMP-01

Tgt Ion: 43 Resp: 2303

Ion Ratio Lower Upper

43 100

74 20.5 17.8 26.8



#20

Methylene Chloride

Concen: 4.672 ug/l

RT: 2.782 min Scan# 278

Delta R.T. 0.000 min

Lab File: VX042125.D

Acq: 01 Jul 2024 19:25

Tgt Ion: 84 Resp: 7047

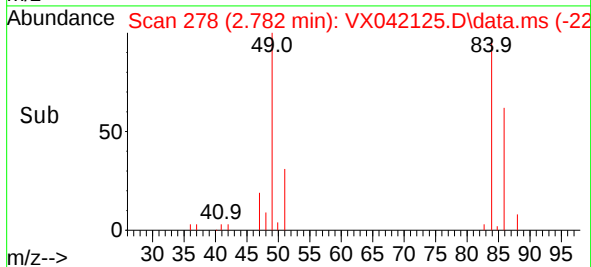
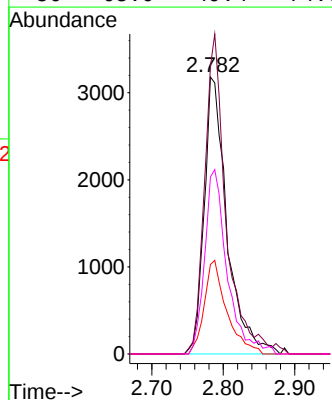
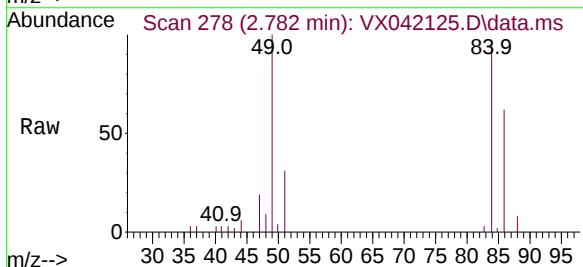
Ion Ratio Lower Upper

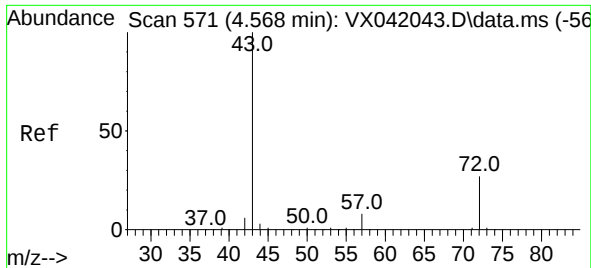
84 100

49 103.9 103.6 155.4

51 32.3 33.8 50.6#

86 63.9 49.4 74.0

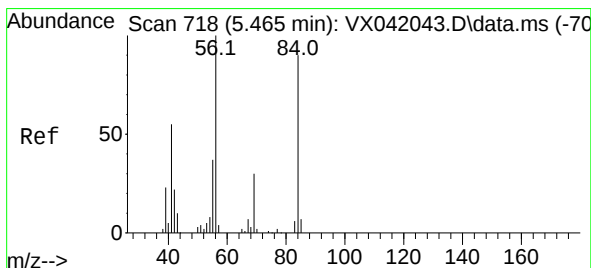
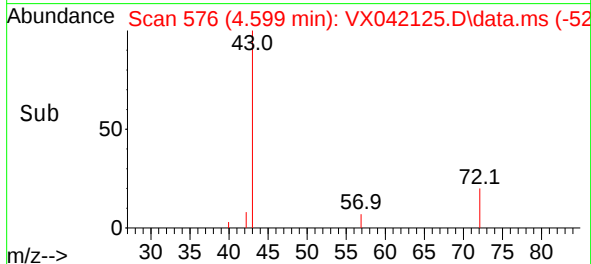
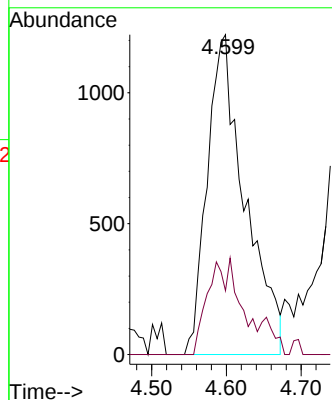
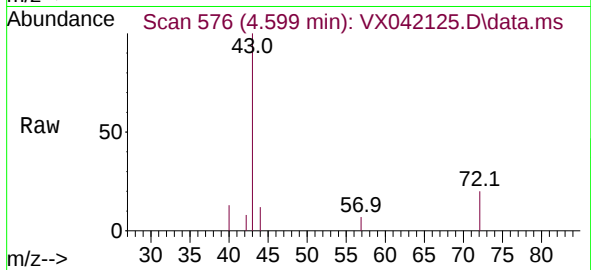




#25
2-Butanone
Concen: 3.998 ug/l
RT: 4.599 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX042125.D
Acq: 01 Jul 2024 19:25

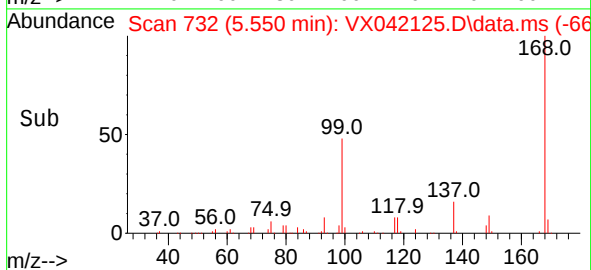
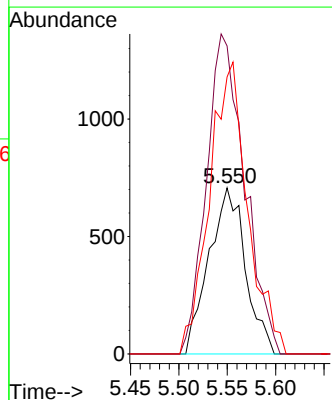
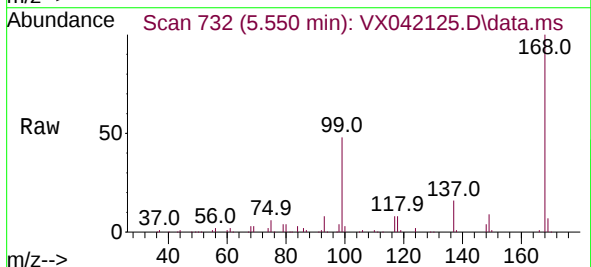
Instrument :
MSVOA_X
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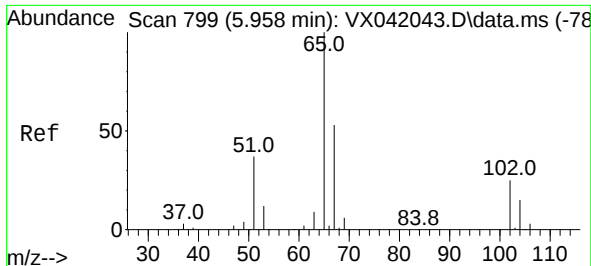
Tgt Ion: 43 Resp: 4285
Ion Ratio Lower Upper
43 100
72 20.0 19.4 29.2



#31
Cyclohexane
Concen: 1.009 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX042125.D
Acq: 01 Jul 2024 19:25

Tgt Ion: 56 Resp: 1851
Ion Ratio Lower Upper
56 100
69 185.4 23.4 35.2#
84 166.8 65.9 98.9#

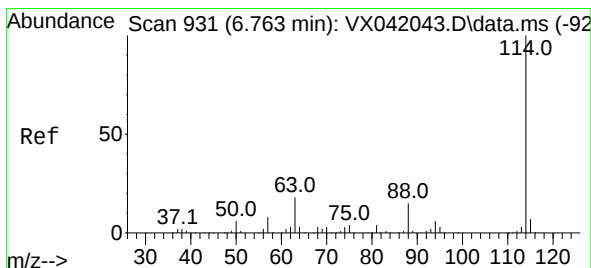
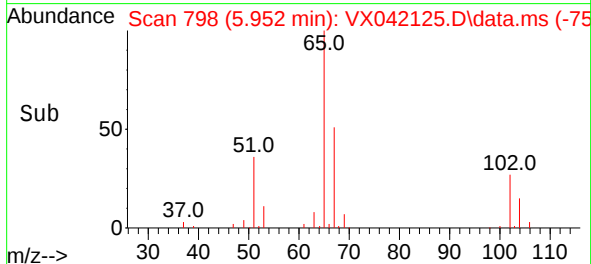
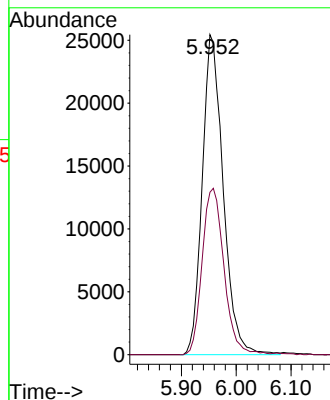
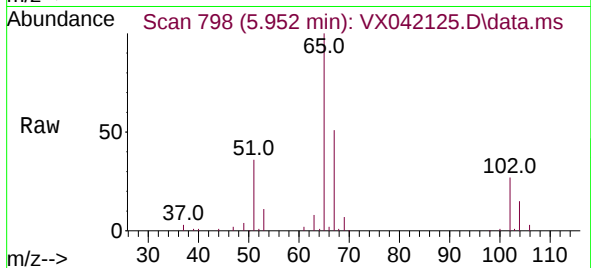




#33
1,2-Dichloroethane-d4
Concen: 43.013 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX042125.D
Acq: 01 Jul 2024 19:25

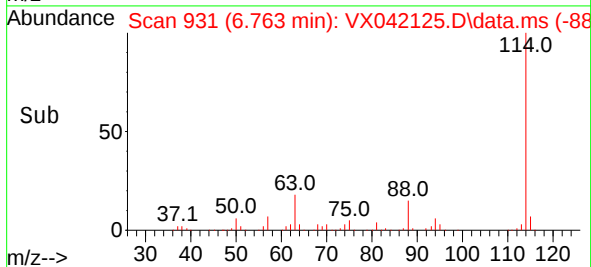
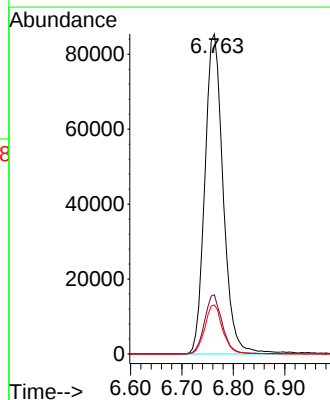
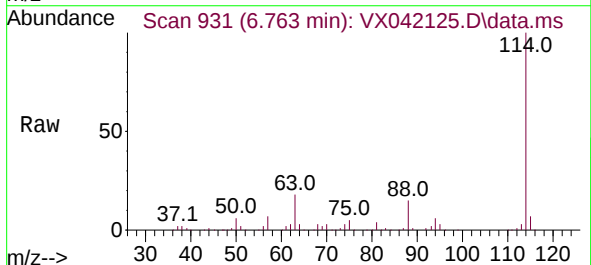
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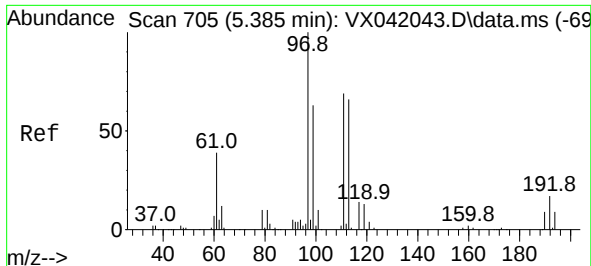
Tgt Ion: 65 Resp: 67481
Ion Ratio Lower Upper
65 100
67 54.1 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX042125.D
Acq: 01 Jul 2024 19:25

Tgt Ion: 114 Resp: 211068
Ion Ratio Lower Upper
114 100
63 18.5 0.0 45.0
88 15.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 44.270 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX042125.D

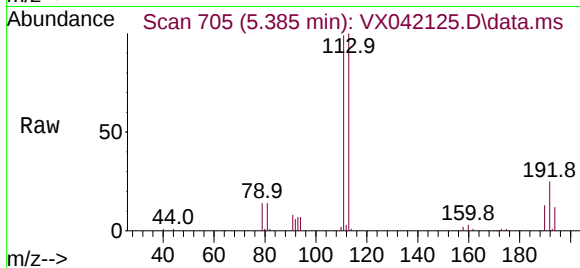
Acq: 01 Jul 2024 19:25

Instrument :

MSVOA_X

ClientSampleId :

OK-628-COMP-01



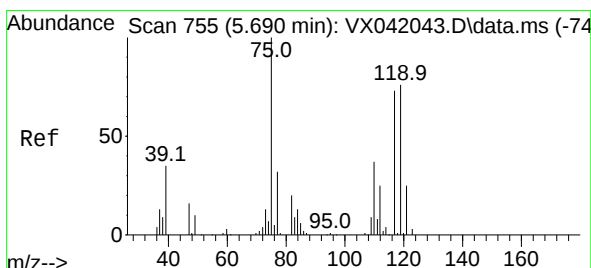
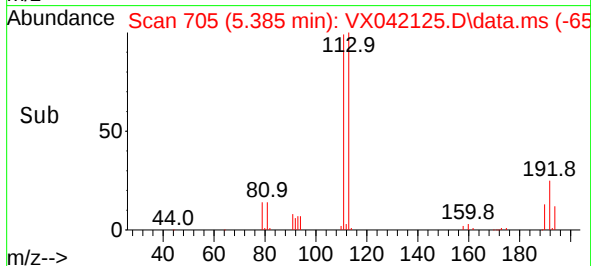
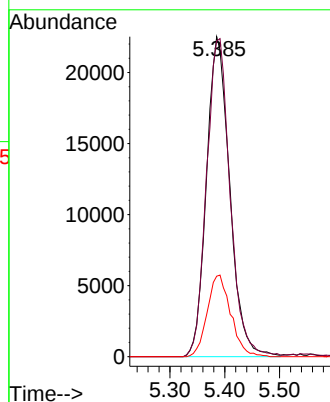
Tgt Ion:113 Resp: 66301

Ion Ratio Lower Upper

113 100

111 100.8 82.9 124.3

192 25.8 13.3 19.9#



#36

1,1-Dichloropropene

Concen: 4.840 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX042125.D

Acq: 01 Jul 2024 19:25

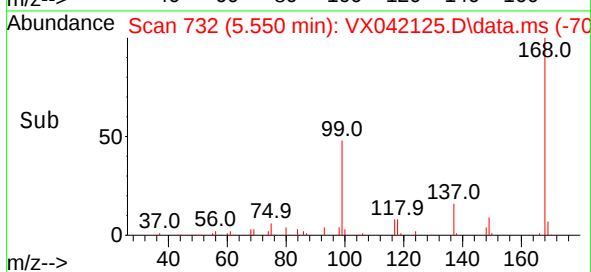
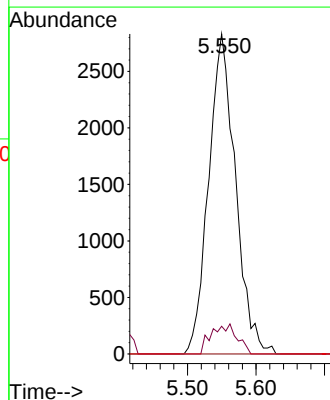
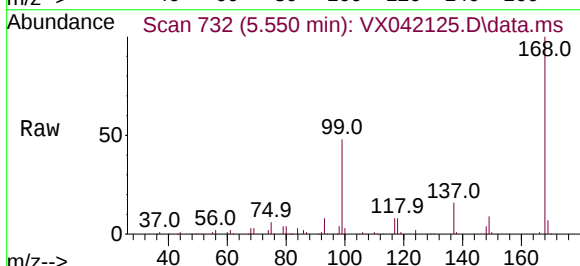
Tgt Ion: 75 Resp: 7698

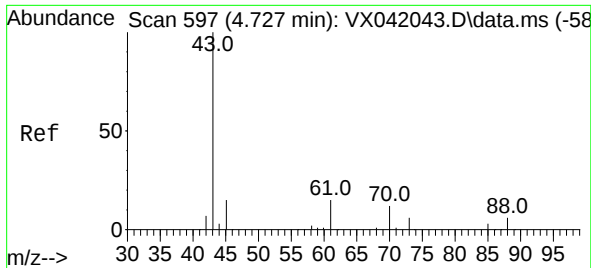
Ion Ratio Lower Upper

75 100

110 8.9 17.0 50.9#

77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 1.083 ug/l

RT: 4.739 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX042125.D

Acq: 01 Jul 2024 19:25

Instrument :

MSVOA_X

ClientSampleId :

OK-628-COMP-01

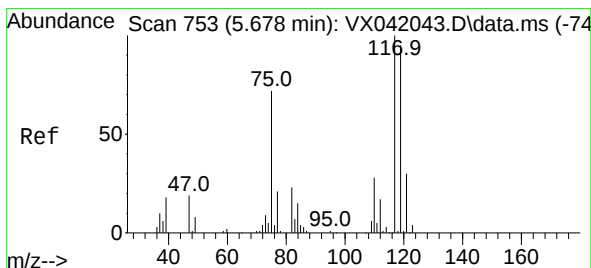
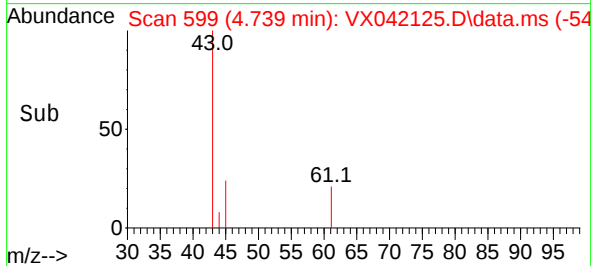
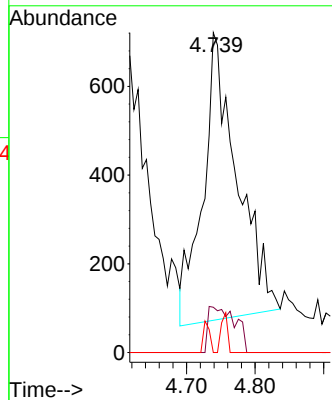
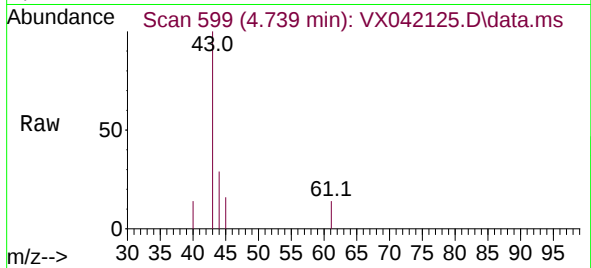
Tgt Ion: 43 Resp: 2244

Ion Ratio Lower Upper

43 100

61 12.6 10.6 16.0

70 2.0 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 6.588 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX042125.D

Acq: 01 Jul 2024 19:25

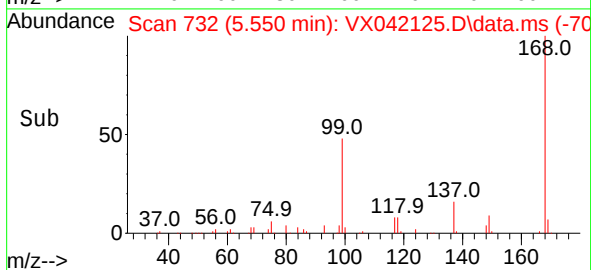
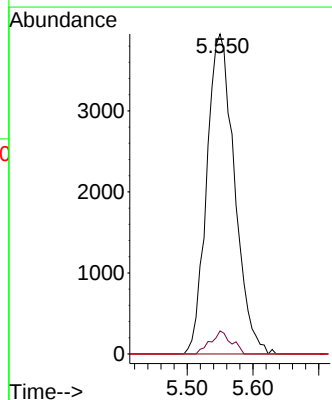
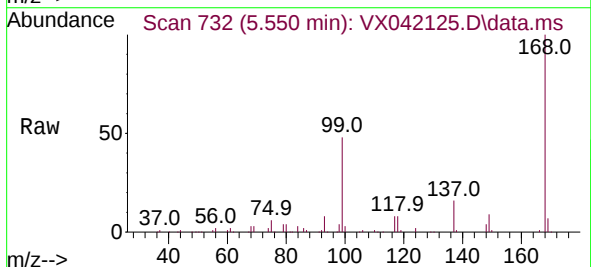
Tgt Ion: 117 Resp: 11576

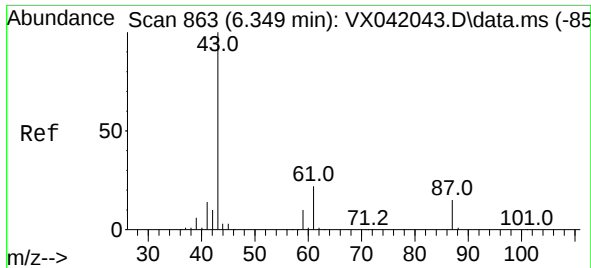
Ion Ratio Lower Upper

117 100

119 7.2 78.2 117.2#

121 0.0 24.4 36.6#

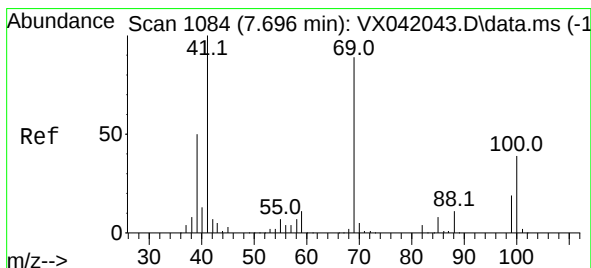
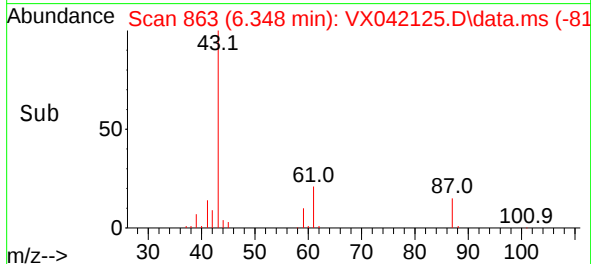
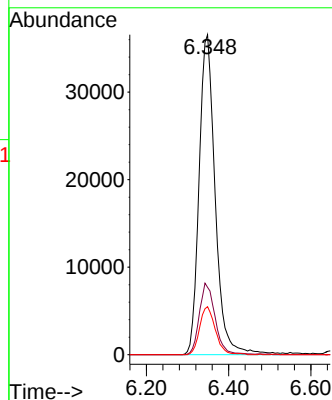
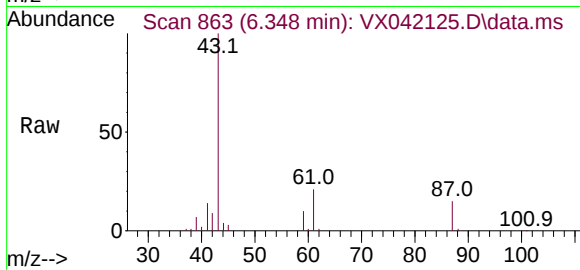




#43
Isopropyl Acetate
Concen: 31.256 ug/l
RT: 6.348 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX042125.D
Acq: 01 Jul 2024 19:25

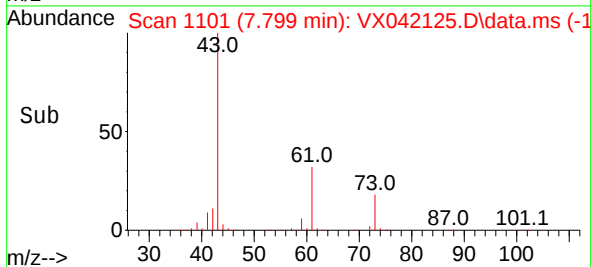
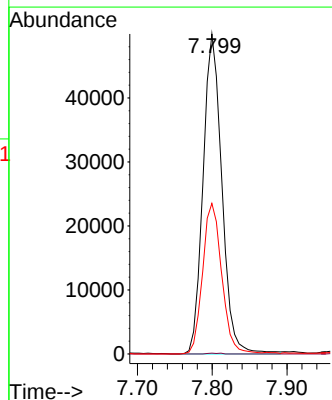
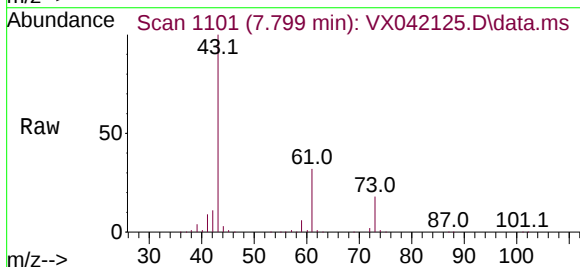
Instrument :
MSVOA_X
ClientSampleId :
OK-628-COMP-01

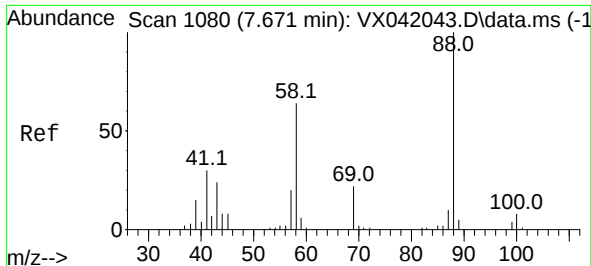
Tgt Ion: 43 Resp: 99391
Ion Ratio Lower Upper
43 100
61 21.9 15.2 22.8
87 14.6 9.8 14.6



#48
Methyl methacrylate
Concen: 57.727 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX042125.D
Acq: 01 Jul 2024 19:25

Tgt Ion: 41 Resp: 87606
Ion Ratio Lower Upper
41 100
69 0.2 59.2 88.8#
39 47.7 47.7 71.5





#49

1,4-Dioxane

Concen: 23.300 ug/l

RT: 7.805 min Scan# 1102

Delta R.T. 0.140 min

Lab File: VX042125.D

Acq: 01 Jul 2024 19:25

Instrument :

MSVOA_X

ClientSampleId :

OK-628-COMP-01

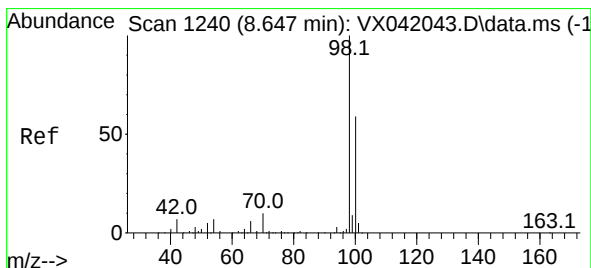
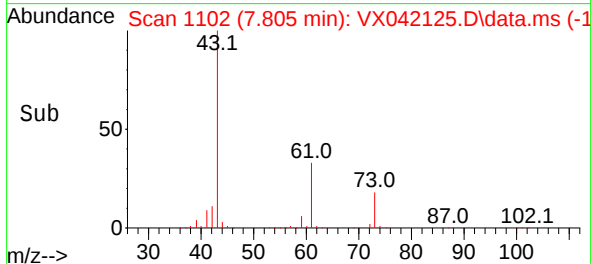
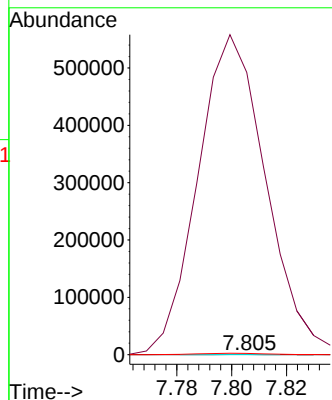
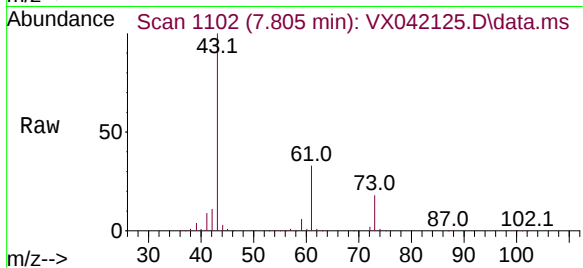
Tgt Ion: 88 Resp: 138

Ion Ratio Lower Upper

88 100

43 711895.7 0.0 0.0#

58 3262.3 60.1 90.1#



#50

Toluene-d8

Concen: 47.889 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX042125.D

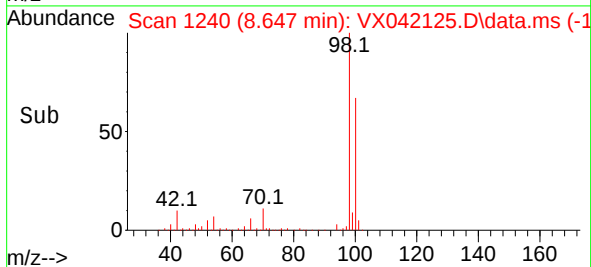
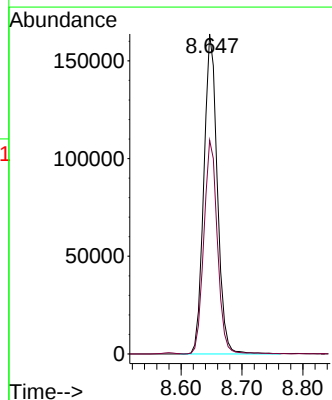
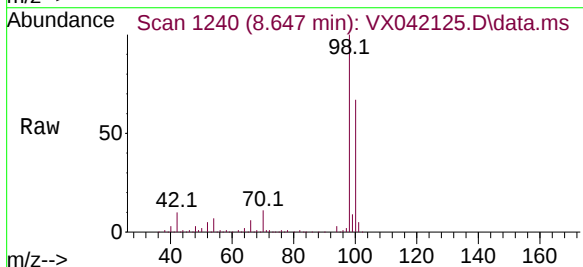
Acq: 01 Jul 2024 19:25

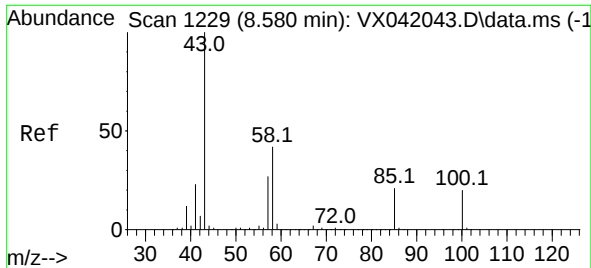
Tgt Ion: 98 Resp: 251959

Ion Ratio Lower Upper

98 100

100 67.3 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 34.028 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. -0.030 min

Lab File: VX042125.D

Acq: 01 Jul 2024 19:25

Instrument :

MSVOA_X

ClientSampleId :

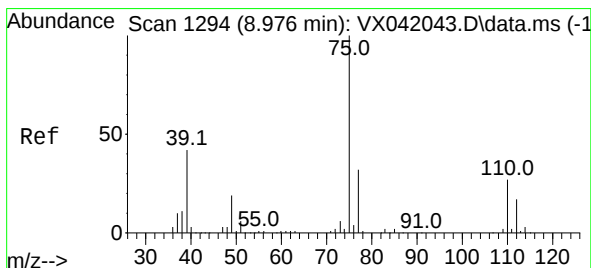
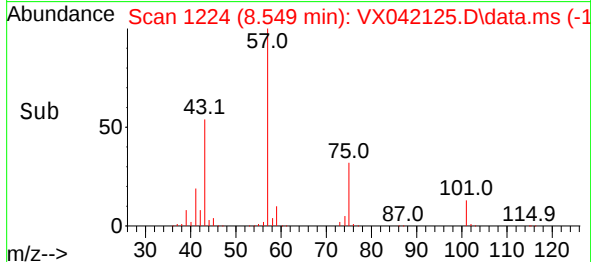
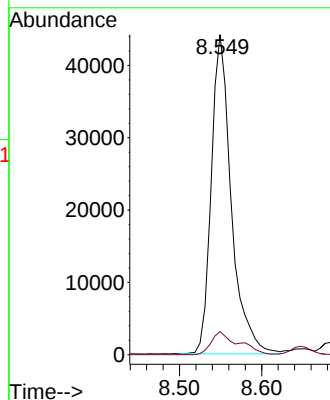
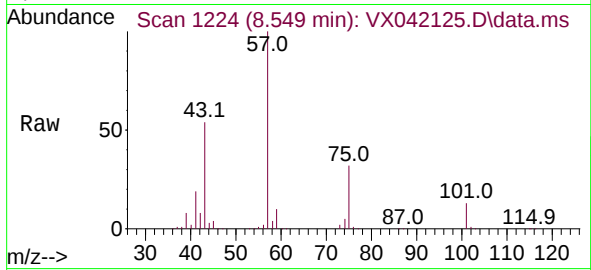
OK-628-COMP-01

Tgt Ion: 43 Resp: 74537

Ion Ratio Lower Upper

43 100

58 9.8 30.4 45.6#



#53

t-1,3-Dichloropropene

Concen: 1.291 ug/l

RT: 8.958 min Scan# 1291

Delta R.T. -0.024 min

Lab File: VX042125.D

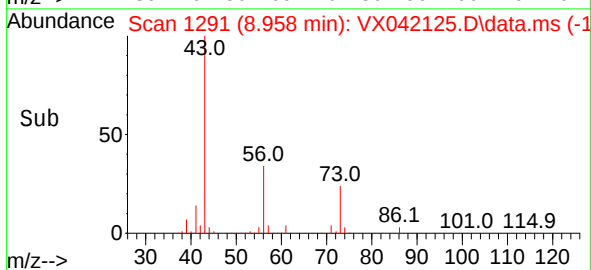
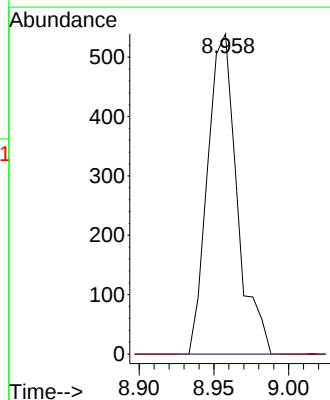
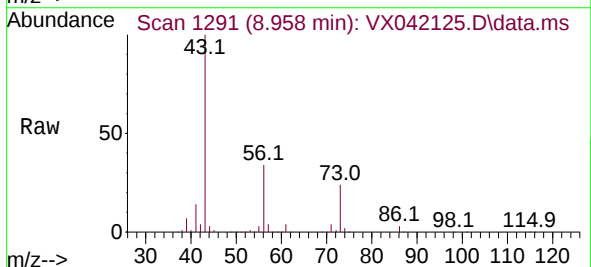
Acq: 01 Jul 2024 19:25

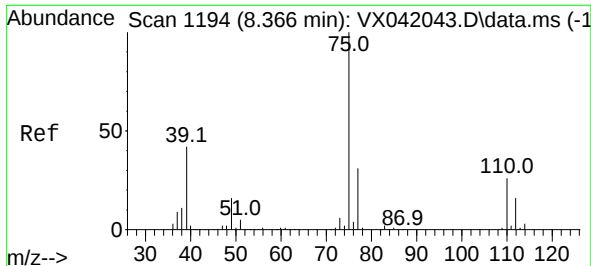
Tgt Ion: 75 Resp: 741

Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#





#54

cis-1,3-Dichloropropene

Concen: 20.276 ug/l

RT: 8.549 min Scan# 1194

Delta R.T. 0.183 min

Lab File: VX042125.D

Acq: 01 Jul 2024 19:25

Instrument :

MSVOA_X

ClientSampleId :

OK-628-COMP-01

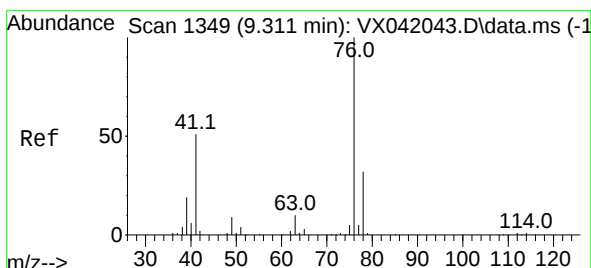
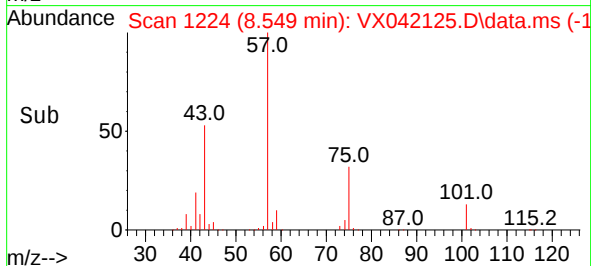
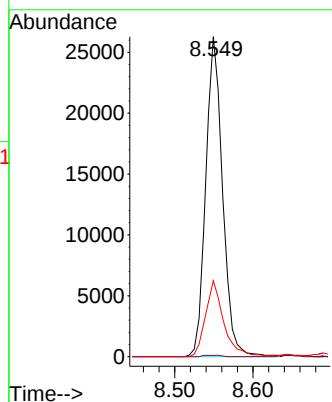
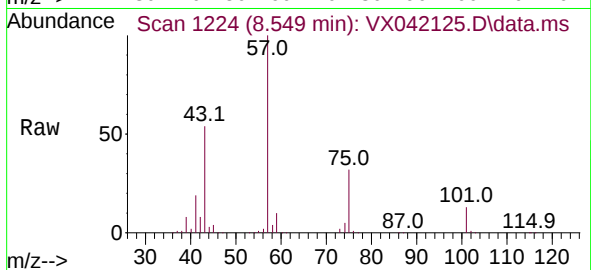
Tgt Ion: 75 Resp: 39164

Ion Ratio Lower Upper

75 100

77 0.4 25.3 37.9#

39 23.7 46.7 70.1#



#57

1,3-Dichloropropane

Concen: 2.269 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX042125.D

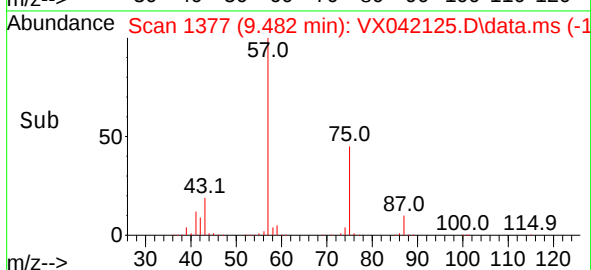
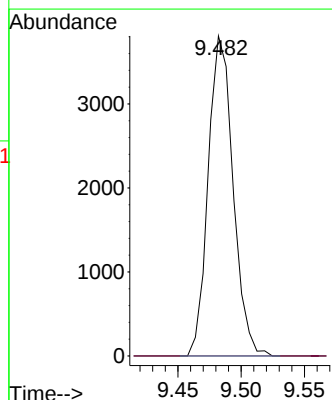
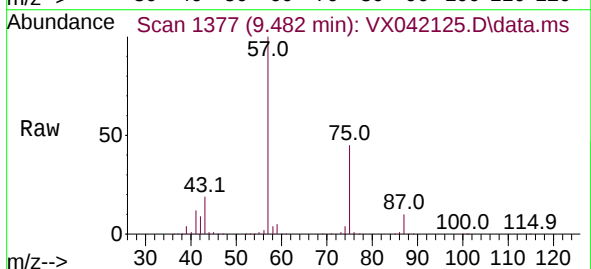
Acq: 01 Jul 2024 19:25

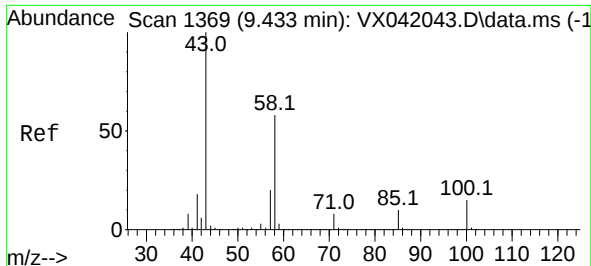
Tgt Ion: 76 Resp: 5215

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#





#59

2-Hexanone

Concen: 37.981 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX042125.D

Acq: 01 Jul 2024 19:25

Instrument :

MSVOA_X

ClientSampleId :

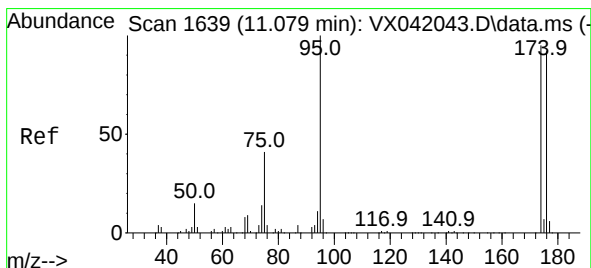
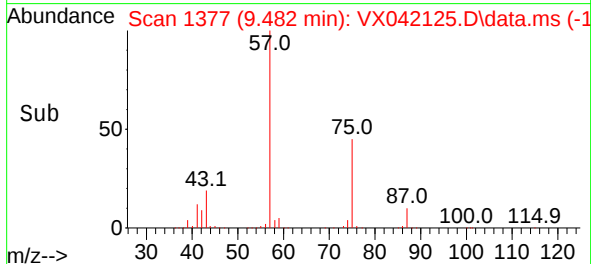
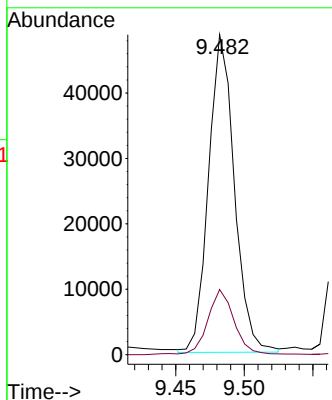
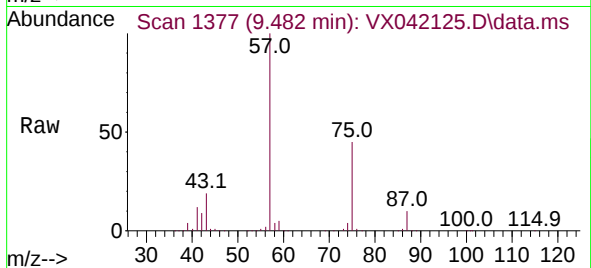
OK-628-COMP-01

Tgt Ion: 43 Resp: 63720

Ion Ratio Lower Upper

43 100

58 21.2 26.2 78.5#



#62

4-Bromofluorobenzene

Concen: 48.803 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX042125.D

Acq: 01 Jul 2024 19:25

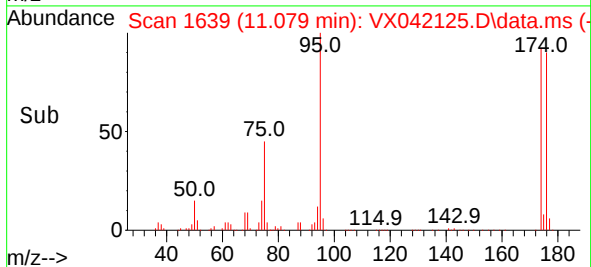
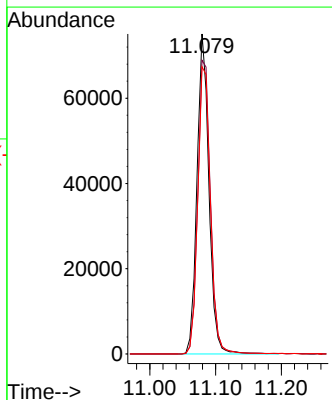
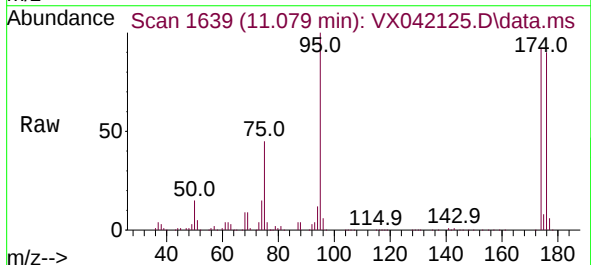
Tgt Ion: 95 Resp: 94650

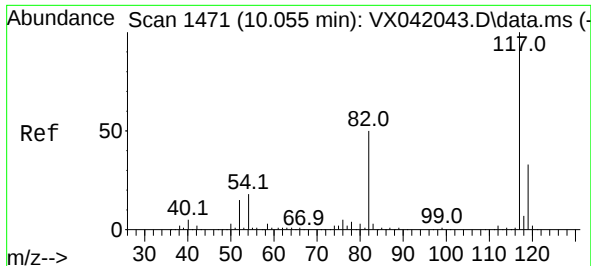
Ion Ratio Lower Upper

95 100

174 97.7 0.0 135.6

176 95.3 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: VX042125.D

Acq: 01 Jul 2024 19:25

Instrument :

MSVOA_X

ClientSampleId :

OK-628-COMP-01

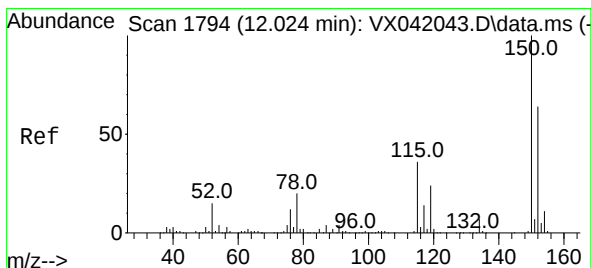
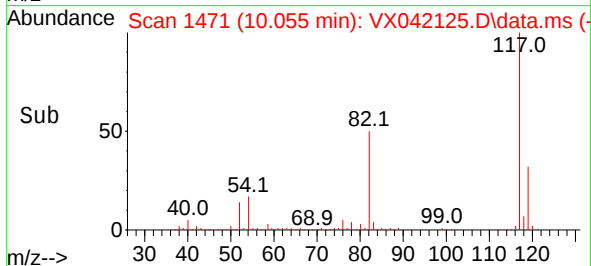
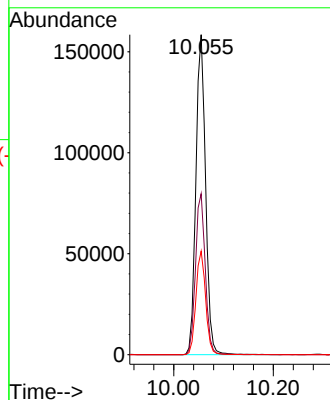
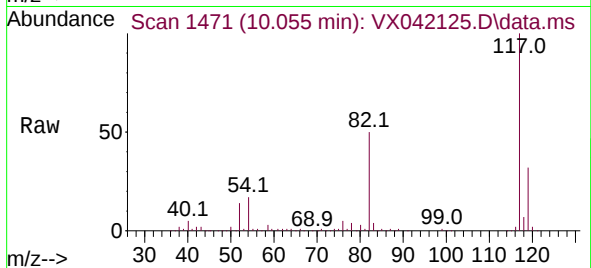
Tgt Ion:117 Resp: 213836

Ion Ratio Lower Upper

117 100

82 50.3 46.2 69.4

119 32.3 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX042125.D

Acq: 01 Jul 2024 19:25

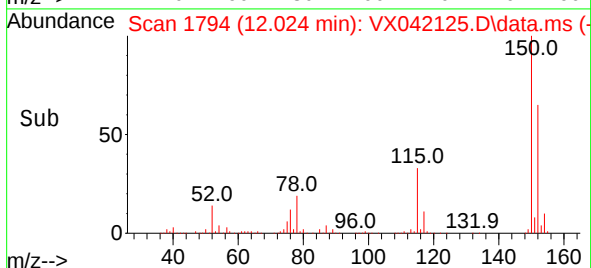
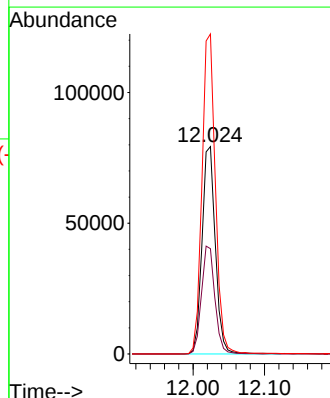
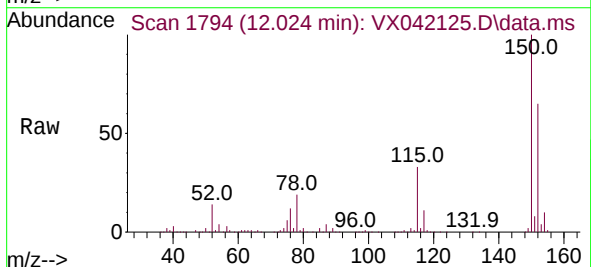
Tgt Ion:152 Resp: 102562

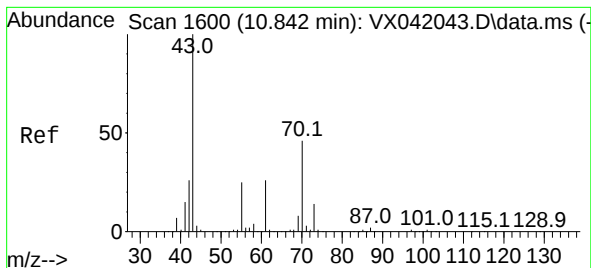
Ion Ratio Lower Upper

152 100

115 52.4 43.3 129.9

150 155.5 0.0 345.0





#74

N-ethyl acetate

Concen: 7.273 ug/l

RT: 10.640 min Scan# 1639

Delta R.T. -0.201 min

Lab File: VX042125.D

Acq: 01 Jul 2024 19:25

Instrument :

MSVOA_X

ClientSampleId :

OK-628-COMP-01

Tgt Ion: 43 Resp: 20147

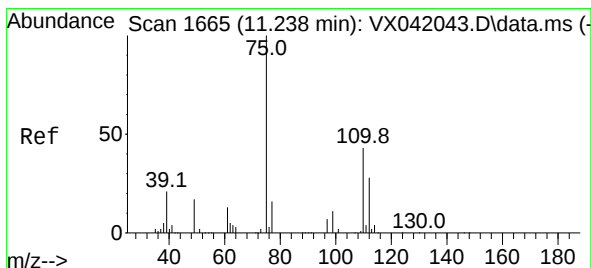
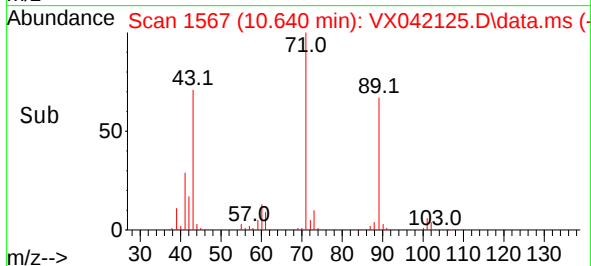
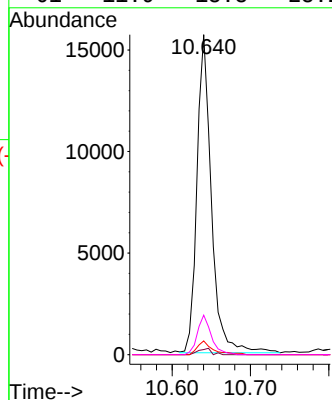
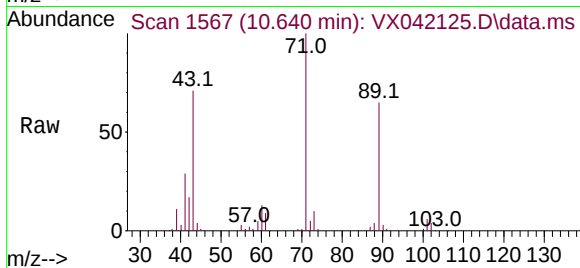
Ion Ratio Lower Upper

43 100

70 1.8 32.9 49.3#

55 4.6 19.3 28.9#

61 11.9 18.8 28.2#



#76

1,2,3-Trichloropropane

Concen: 22.938 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX042125.D

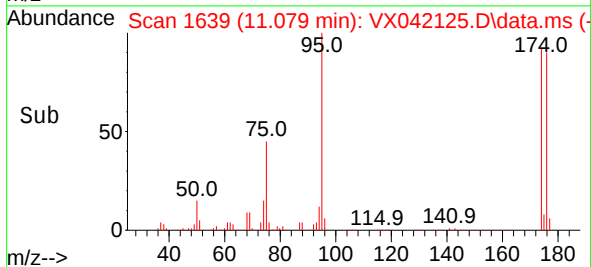
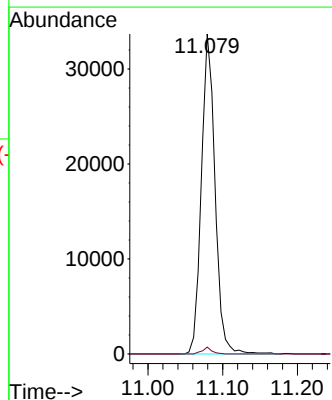
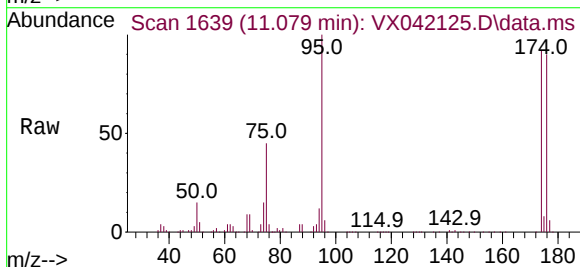
Acq: 01 Jul 2024 19:25

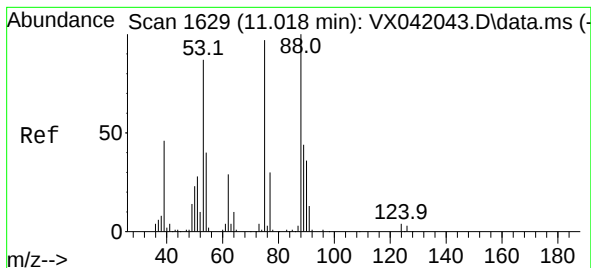
Tgt Ion: 75 Resp: 42709

Ion Ratio Lower Upper

75 100

77 1.5 19.1 57.5#

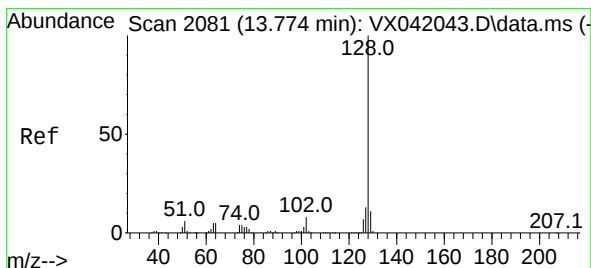
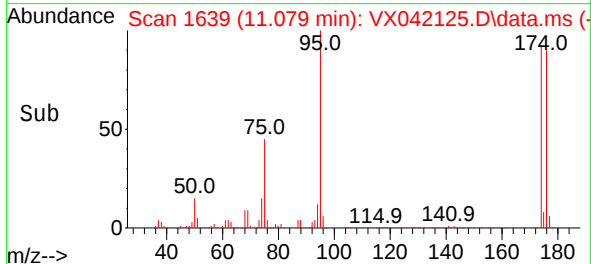
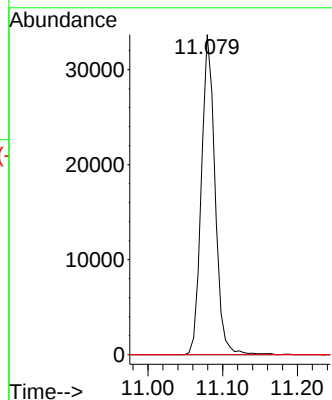
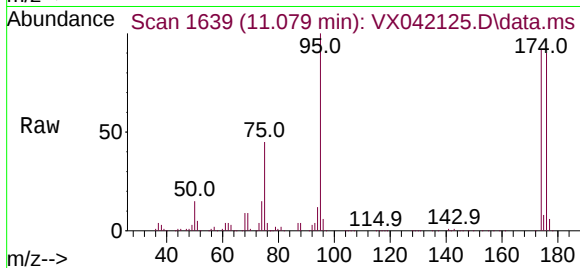




#81
trans-1,4-Dichloro-2-butene
Concen: 65.143 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX042125.D
Acq: 01 Jul 2024 19:25

Instrument :
MSVOA_X
ClientSampleId :
OK-628-COMP-01

Tgt Ion: 75 Resp: 42709
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.868 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX042125.D
Acq: 01 Jul 2024 19:25

Tgt Ion: 128 Resp: 900
Ion Ratio Lower Upper
128 100
127 9.8 10.3 15.5#
129 0.0 8.8 13.2#

