

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX113022\
 Data File : VX033135.D
 Acq On : 30 Nov 2022 16:28
 Operator : JC/MD
 Sample : N5807-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-3

Quant Time: Dec 01 00:21:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

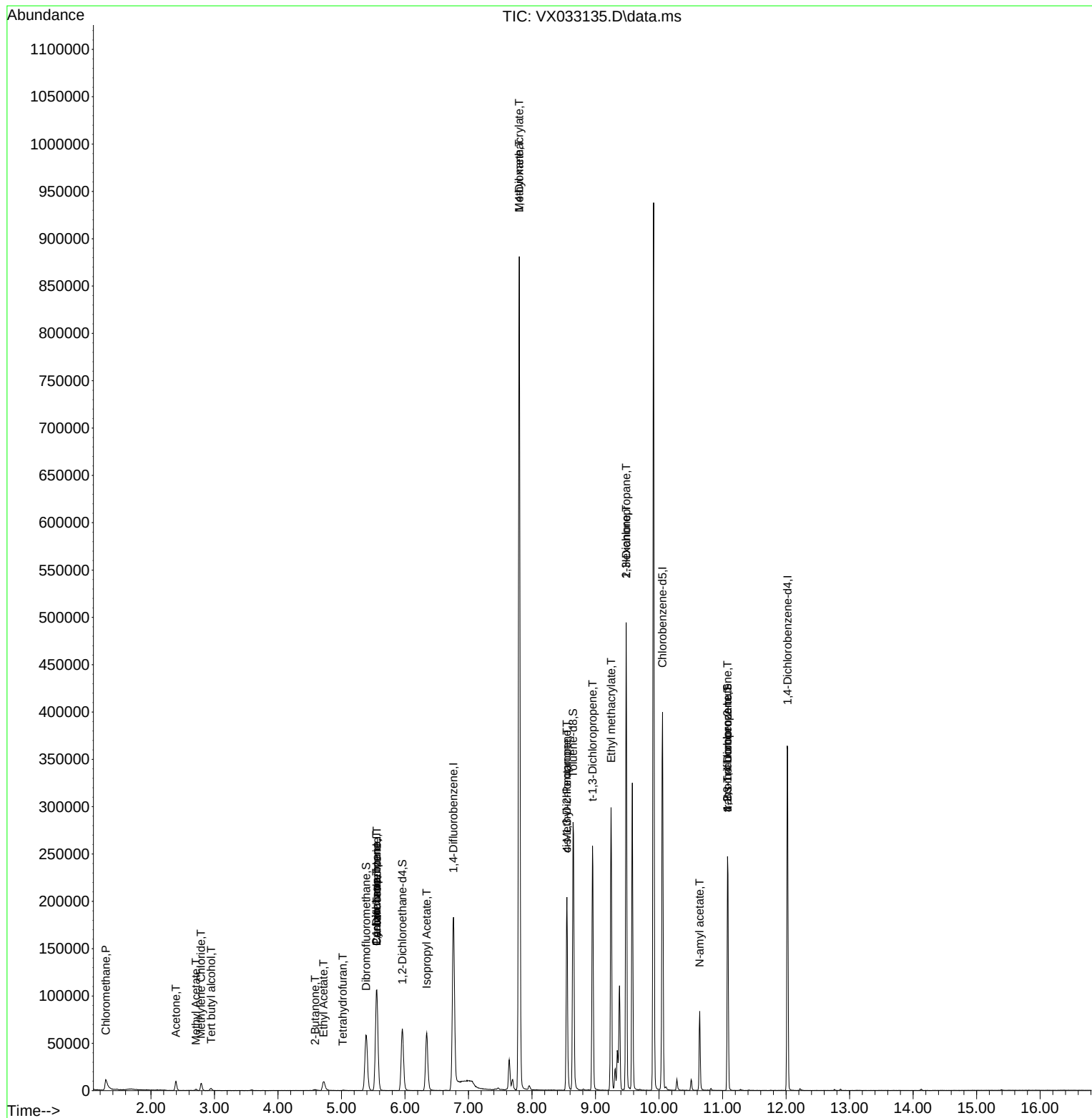
Internal Standards						
1) Pentafluorobenzene	5.556	168	100231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	180711	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	173320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76797	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66022	68.574	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	137.140%#
35) Dibromofluoromethane	5.385	113	50871	49.933	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.860%
50) Toluene-d8	8.647	98	169368	55.490	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	110.980%
62) 4-Bromofluorobenzene	11.079	95	63555	47.490	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.980%
Target Compounds						
						Qvalue
3) Chloromethane	1.288	50	488	0.590	ug/l #	43
11) Tert butyl alcohol	2.947	59	1406	9.087	ug/l #	72
16) Acetone	2.392	43	12235	26.840	ug/l	97
18) Methyl Acetate	2.709	43	1720	1.363	ug/l #	82
20) Methylene Chloride	2.788	84	3764	2.742	ug/l	95
25) 2-Butanone	4.587	43	1213	1.930	ug/l #	88
29) Tetrahydrofuran	5.019	42	293	0.735	ug/l #	41
31) Cyclohexane	5.550	56	2210	1.397	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	7842	4.814	ug/l #	49
37) Ethyl Acetate	4.715	43	17546	12.346	ug/l	98
38) Carbon Tetrachloride	5.556	117	10523	5.823	ug/l #	17
43) Isopropyl Acetate	6.342	43	81636	34.733	ug/l	100
48) Methyl methacrylate	7.799	41	79350	65.587	ug/l #	43
49) 1,4-Dioxane	7.799	88	98	4.400	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	69379	47.836	ug/l #	48
53) t-1,3-Dichloropropene	8.952	75	607	1.839	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	29589	16.128	ug/l #	61
56) Ethyl methacrylate	9.244	69	654	0.388	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	4010	2.030	ug/l #	42
59) 2-Hexanone	9.482	43	57108	53.303	ug/l #	51
74) N-amyl acetate	10.640	43	21159	11.334	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	34960	24.037	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34960	78.132	ug/l #	6

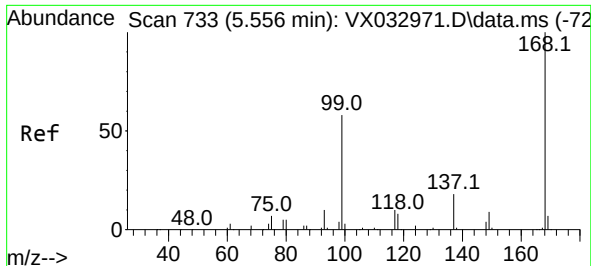
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX113022\
Data File : VX033135.D
Acq On : 30 Nov 2022 16:28
Operator : JC/MD
Sample : N5807-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
COMP-3

Quant Time: Dec 01 00:21:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 22 13:58:46 2022
Response via : Initial Calibration

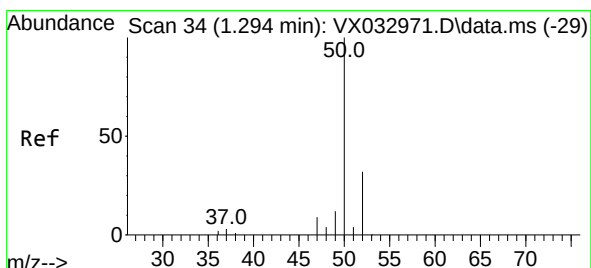
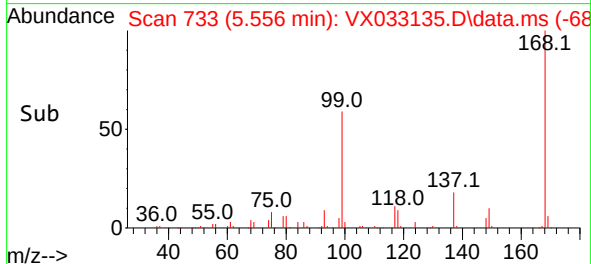
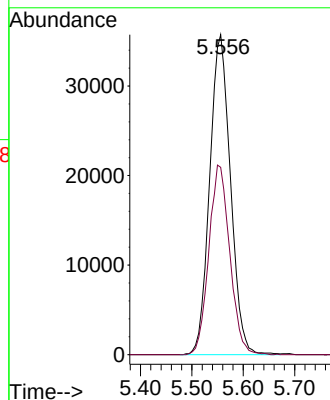
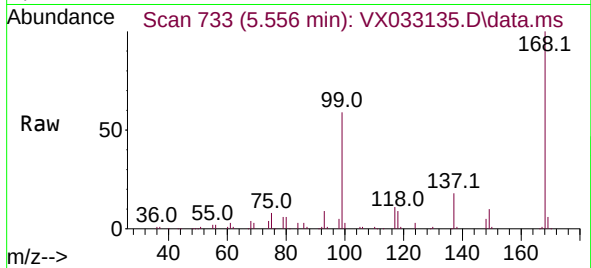




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033135.D
Acq: 30 Nov 2022 16:28

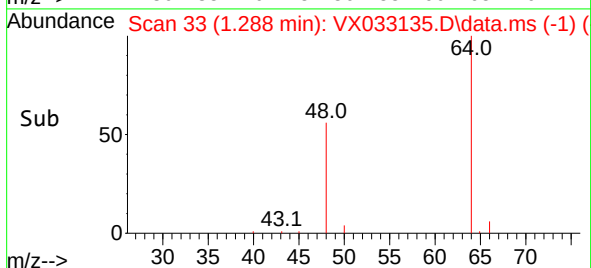
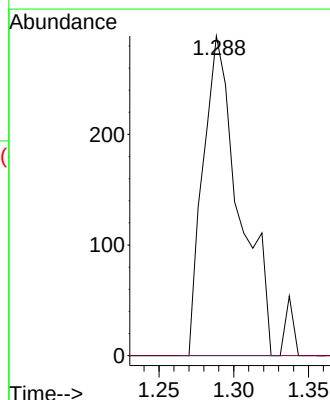
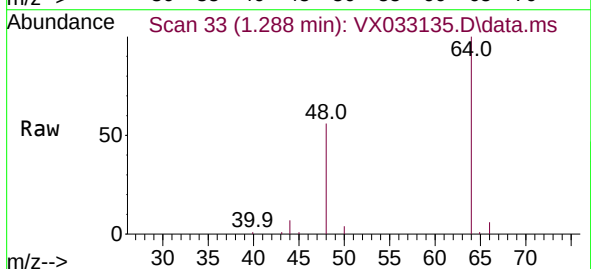
Instrument :
MSVOA_X
ClientSampleId :
COMP-3

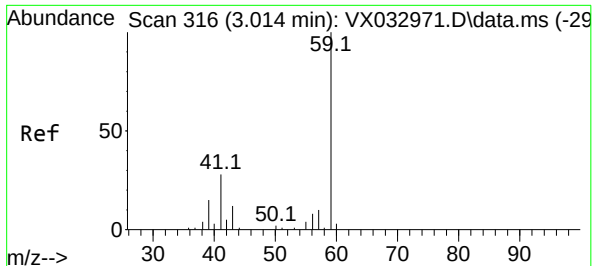
Tgt Ion:168 Resp: 100231
Ion Ratio Lower Upper
168 100
99 58.5 46.1 69.1



#3
Chloromethane
Concen: 0.590 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX033135.D
Acq: 30 Nov 2022 16:28

Tgt Ion: 50 Resp: 488
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#





#11

Tert butyl alcohol

Concen: 9.087 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.018 min

Lab File: VX033135.D

Acq: 30 Nov 2022 16:28

Instrument :

MSVOA_X

ClientSampleId :

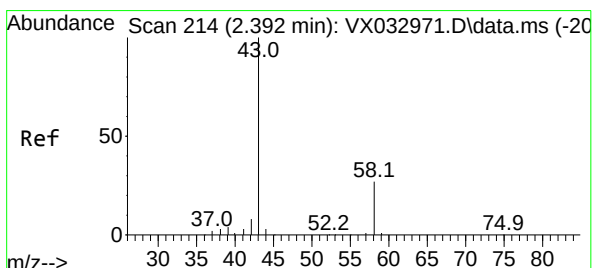
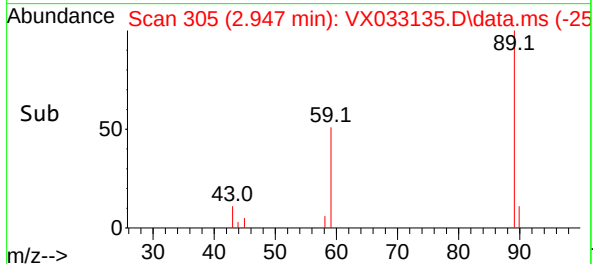
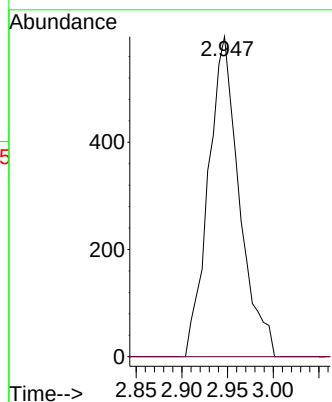
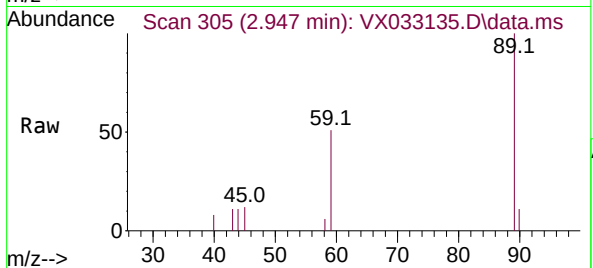
COMP-3

Tgt Ion: 59 Resp: 1406

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 26.840 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.012 min

Lab File: VX033135.D

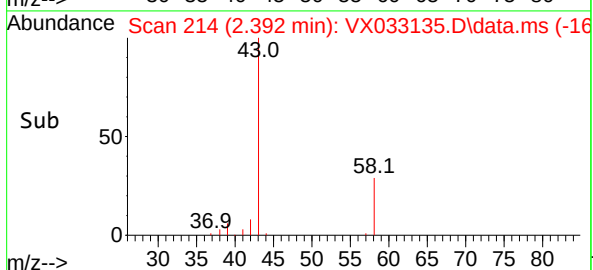
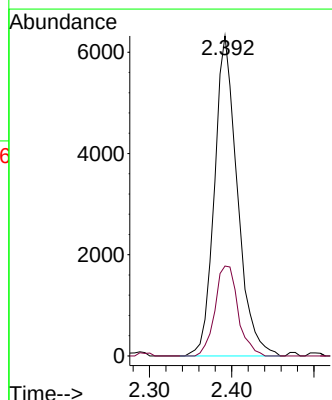
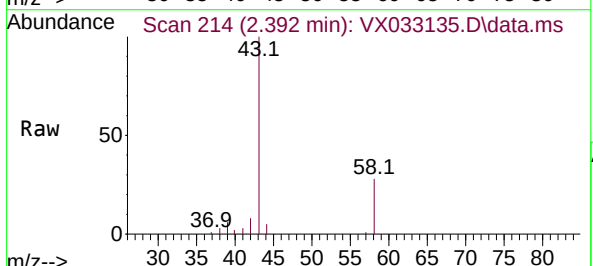
Acq: 30 Nov 2022 16:28

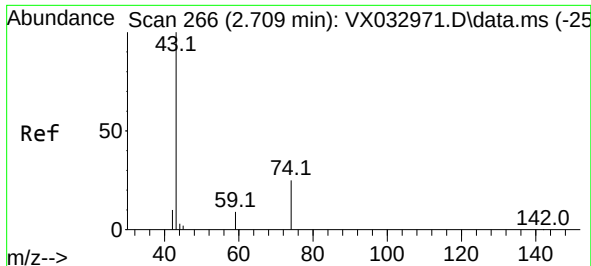
Tgt Ion: 43 Resp: 12235

Ion Ratio Lower Upper

43 100

58 28.1 23.8 35.8

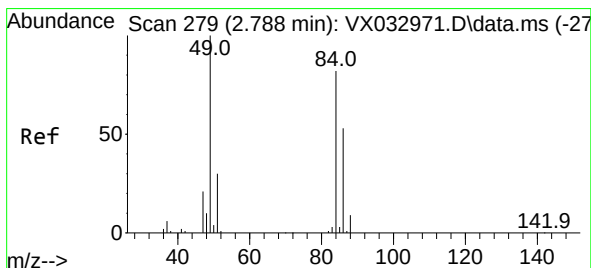
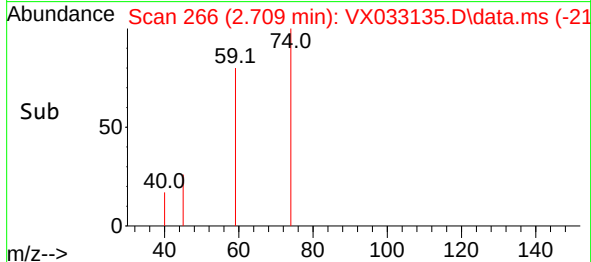
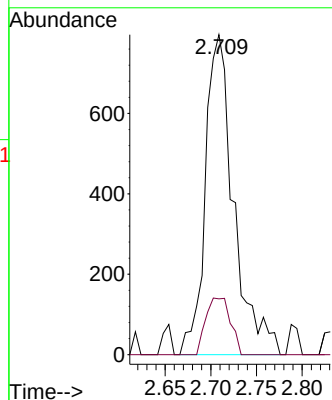
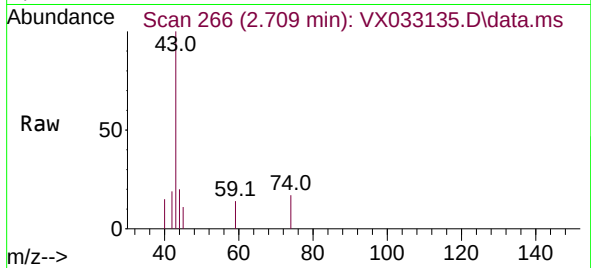




#18
Methyl Acetate
Concen: 1.363 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX033135.D
Acq: 30 Nov 2022 16:28

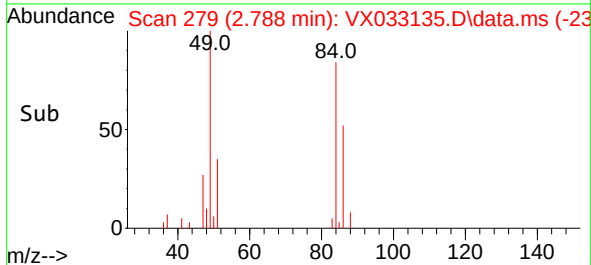
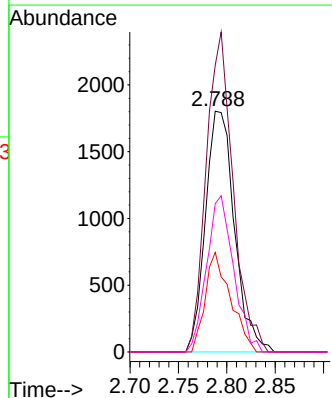
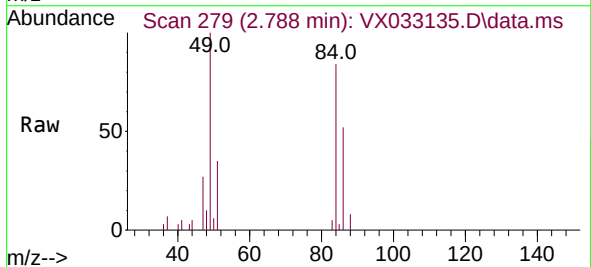
Instrument :
MSVOA_X
ClientSampleId :
COMP-3

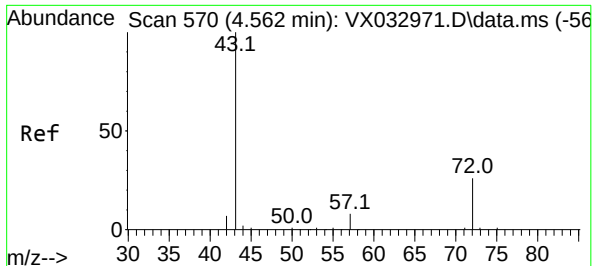
Tgt Ion: 43 Resp: 1720
Ion Ratio Lower Upper
43 100
74 15.3 19.4 29.0#



#20
Methylene Chloride
Concen: 2.742 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX033135.D
Acq: 30 Nov 2022 16:28

Tgt Ion: 84 Resp: 3764
Ion Ratio Lower Upper
84 100
49 119.1 101.0 151.6
51 41.3 31.1 46.7
86 61.6 52.3 78.5





#25

2-Butanone

Concen: 1.930 ug/l

RT: 4.587 min Scan# 5

Delta R.T. 0.031 min

Lab File: VX033135.D

Acq: 30 Nov 2022 16:28

Instrument :

MSVOA_X

ClientSampleId :

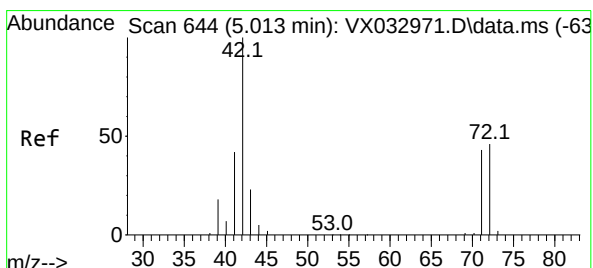
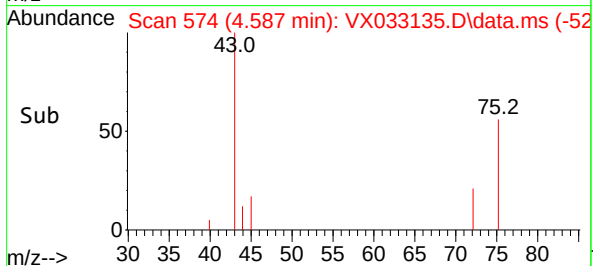
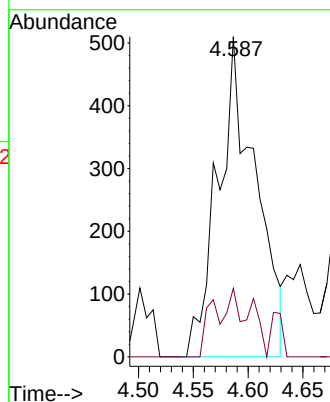
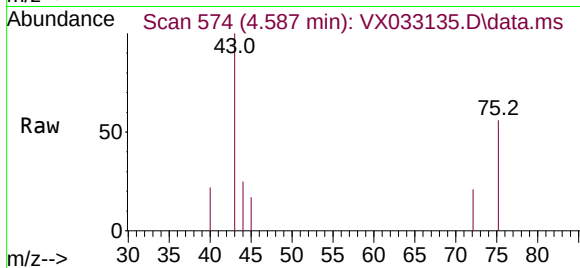
COMP-3

Tgt Ion: 43 Resp: 1213

Ion Ratio Lower Upper

43 100

72 21.4 22.2 33.2#



#29

Tetrahydrofuran

Concen: 0.735 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.018 min

Lab File: VX033135.D

Acq: 30 Nov 2022 16:28

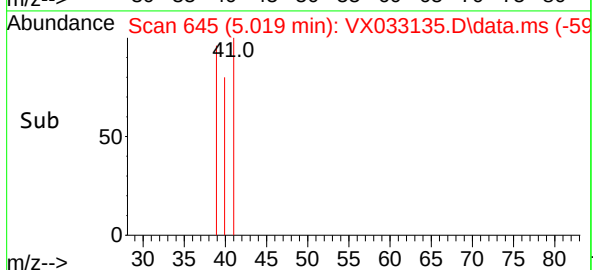
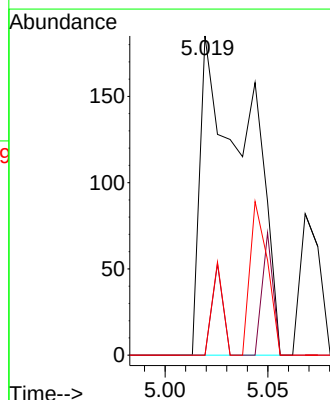
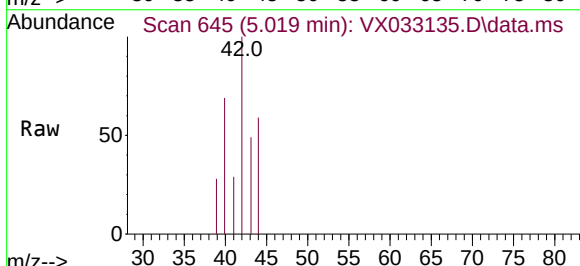
Tgt Ion: 42 Resp: 293

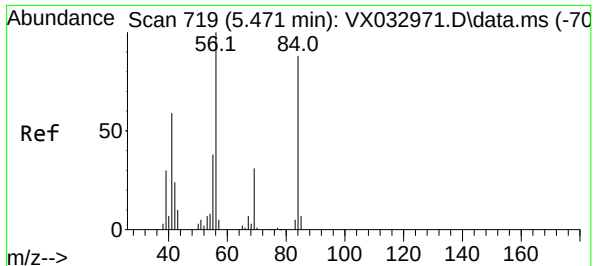
Ion Ratio Lower Upper

42 100

72 6.5 37.6 56.4#

71 6.8 34.7 52.1#

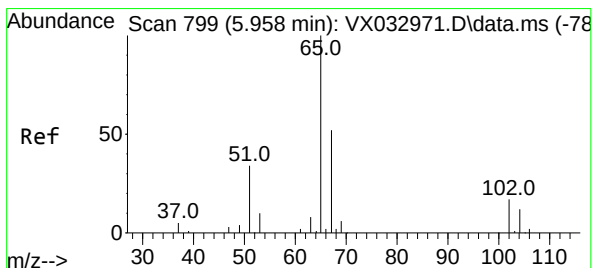
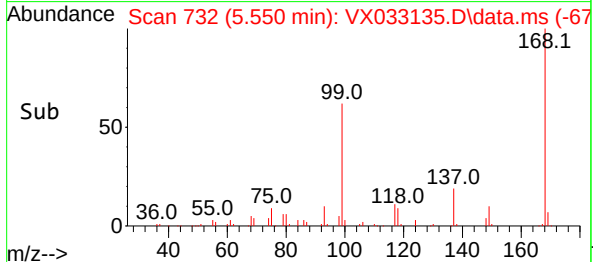
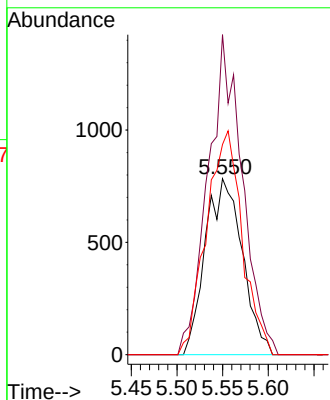
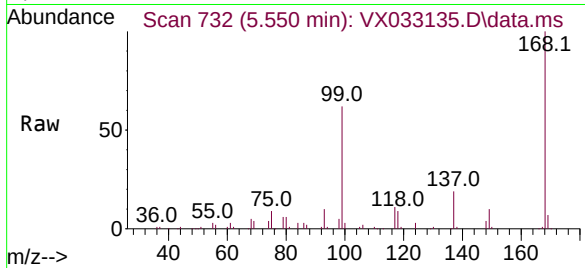




#31
Cyclohexane
Concen: 1.397 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX033135.D
Acq: 30 Nov 2022 16:28

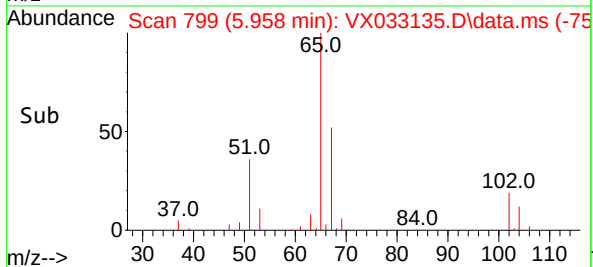
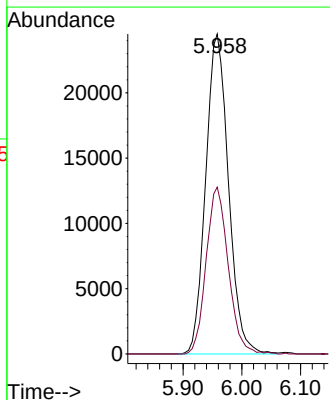
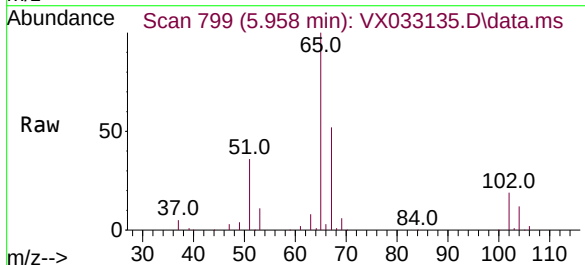
Instrument :
MSVOA_X
ClientSampleId :
COMP-3

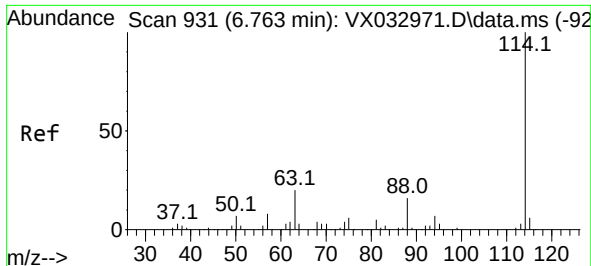
Tgt Ion: 56 Resp: 2210
Ion Ratio Lower Upper
56 100
69 181.8 24.1 36.1#
84 119.4 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 68.574 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033135.D
Acq: 30 Nov 2022 16:28

Tgt Ion: 65 Resp: 66022
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.8

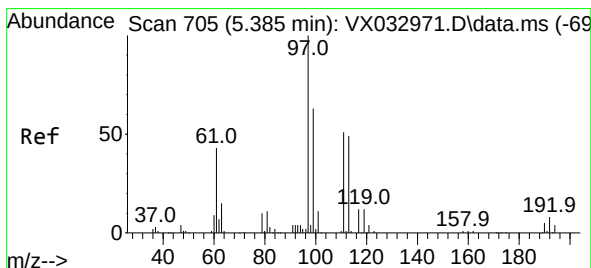
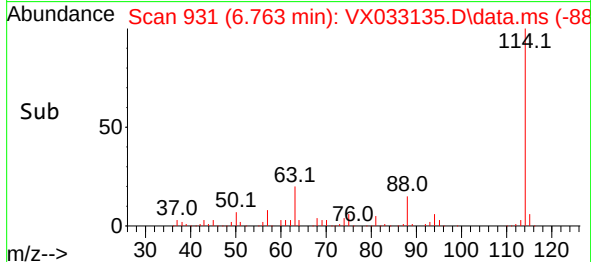
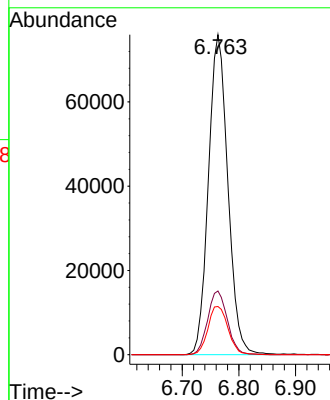
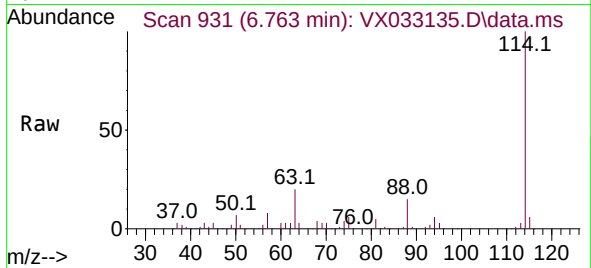




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033135.D
Acq: 30 Nov 2022 16:28

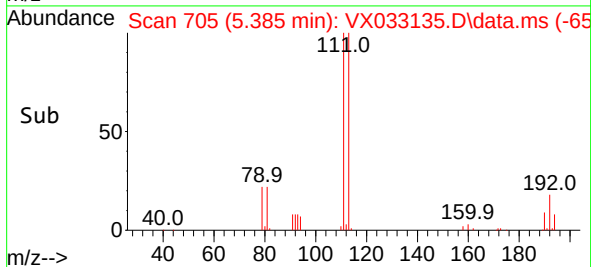
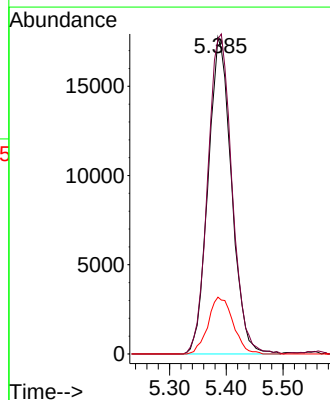
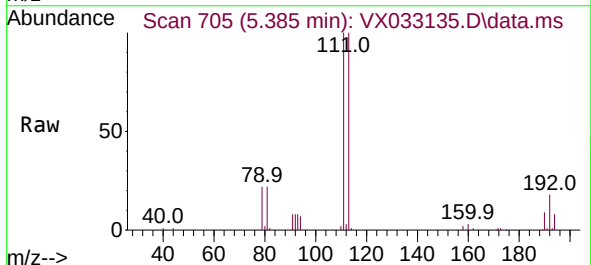
Instrument :
MSVOA_X
ClientSampleId :
COMP-3

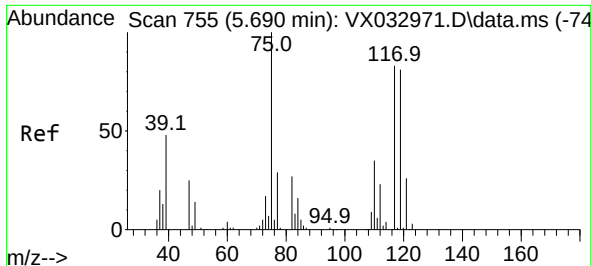
Tgt Ion:114 Resp: 180711
Ion Ratio Lower Upper
114 100
63 19.9 0.0 41.6
88 15.0 0.0 33.4



#35
Dibromofluoromethane
Concen: 49.933 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033135.D
Acq: 30 Nov 2022 16:28

Tgt Ion:113 Resp: 50871
Ion Ratio Lower Upper
113 100
111 104.6 82.4 123.6
192 19.1 15.4 23.2





#36

1,1-Dichloropropene

Concen: 4.814 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX033135.D

Acq: 30 Nov 2022 16:28

Instrument :

MSVOA_X

ClientSampleId :

COMP-3

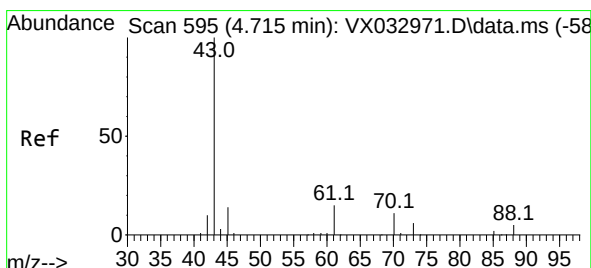
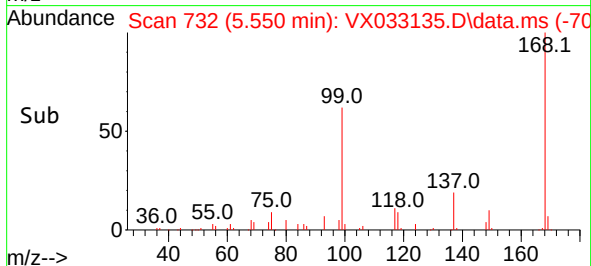
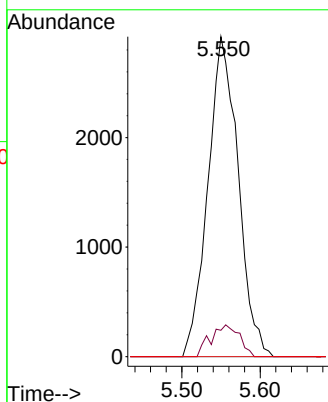
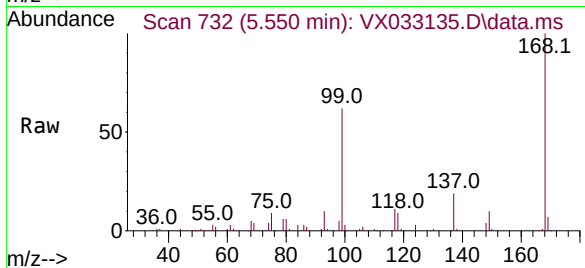
Tgt Ion: 75 Resp: 7842

Ion Ratio Lower Upper

75 100

110 9.4 18.4 55.2#

77 0.0 24.5 36.7#



#37

Ethyl Acetate

Concen: 12.346 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX033135.D

Acq: 30 Nov 2022 16:28

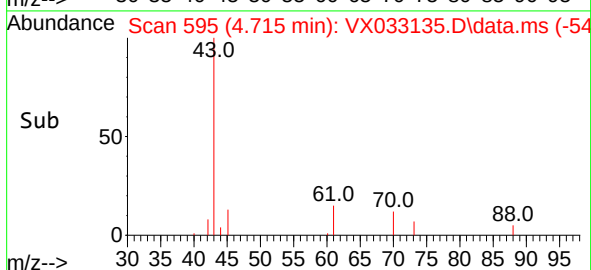
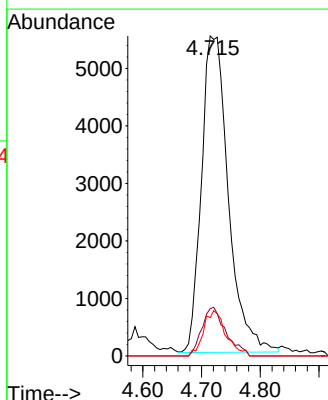
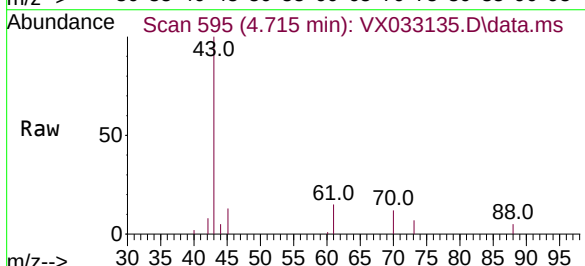
Tgt Ion: 43 Resp: 17546

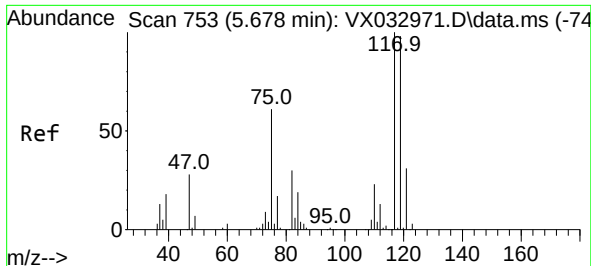
Ion Ratio Lower Upper

43 100

61 13.6 11.5 17.3

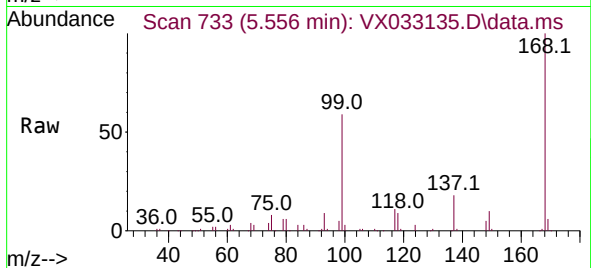
70 11.9 9.1 13.7



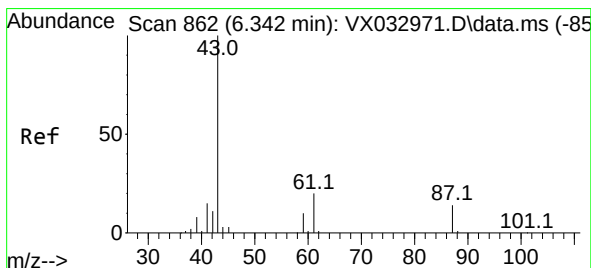
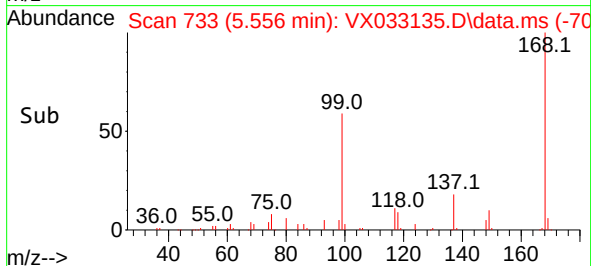
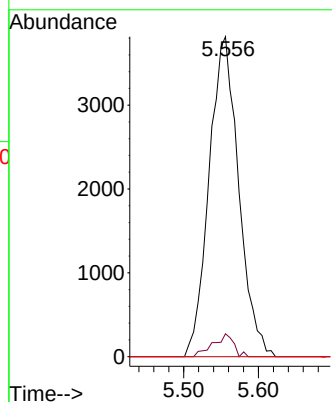


#38
Carbon Tetrachloride
Concen: 5.823 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX033135.D
Acq: 30 Nov 2022 16:28

Instrument :
MSVOA_X
ClientSampleId :
COMP-3

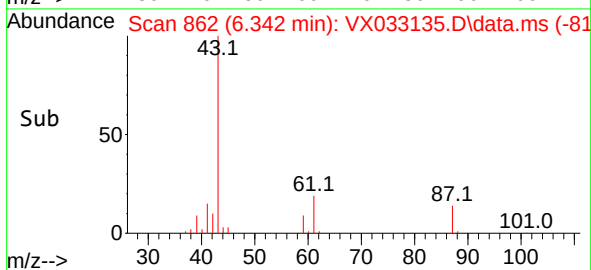
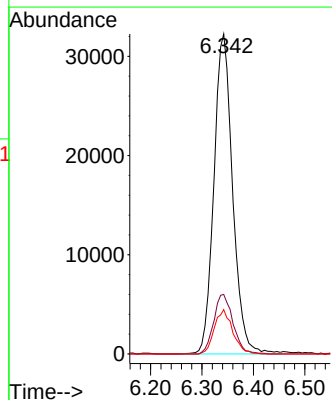
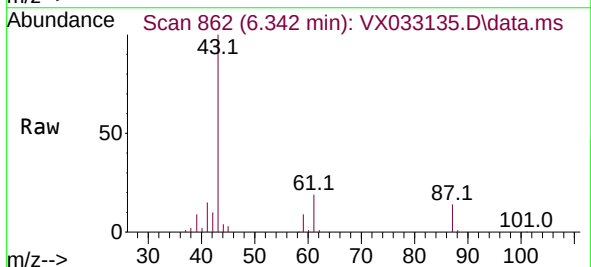


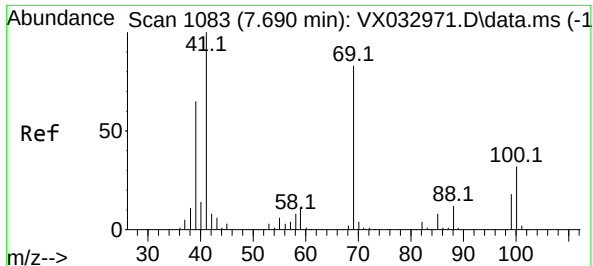
Tgt Ion:117 Resp: 10523
Ion Ratio Lower Upper
117 100
119 7.1 77.2 115.8#
121 0.0 25.8 38.6#



#43
Isopropyl Acetate
Concen: 34.733 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX033135.D
Acq: 30 Nov 2022 16:28

Tgt Ion: 43 Resp: 81636
Ion Ratio Lower Upper
43 100
61 19.1 15.4 23.0
87 13.5 10.8 16.2





#48

Methyl methacrylate

Concen: 65.587 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.103 min

Lab File: VX033135.D

Acq: 30 Nov 2022 16:28

Instrument :

MSVOA_X

ClientSampleId :

COMP-3

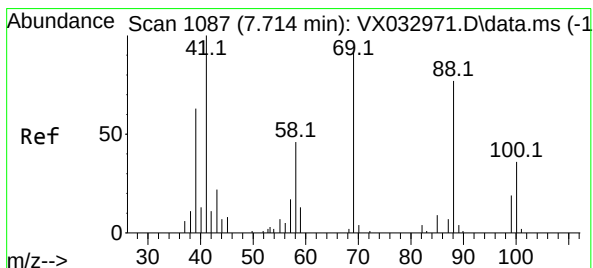
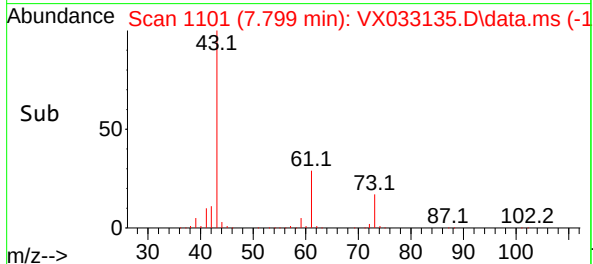
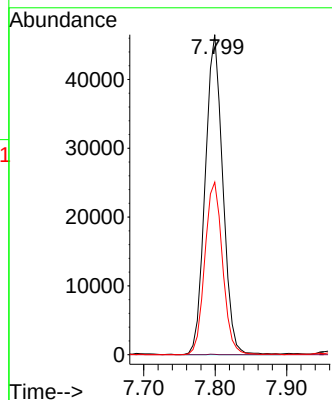
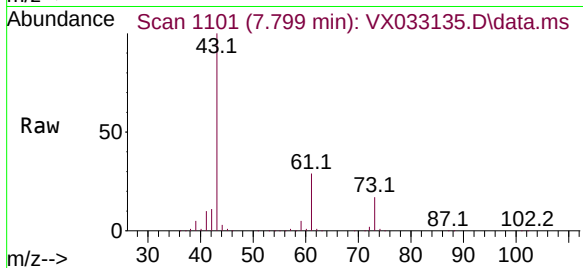
Tgt Ion: 41 Resp: 79350

Ion Ratio Lower Upper

41 100

69 0.1 65.1 97.7#

39 54.4 51.9 77.9



#49

1,4-Dioxane

Concen: 4.400 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.128 min

Lab File: VX033135.D

Acq: 30 Nov 2022 16:28

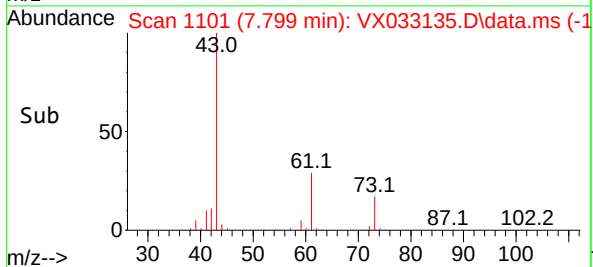
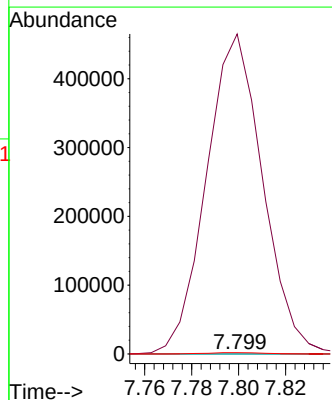
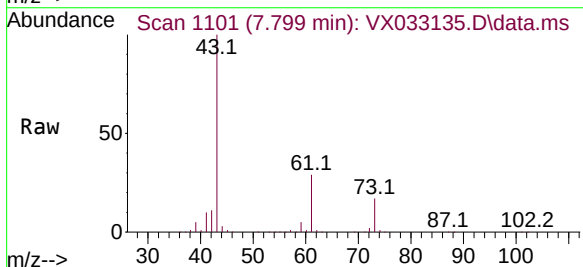
Tgt Ion: 88 Resp: 98

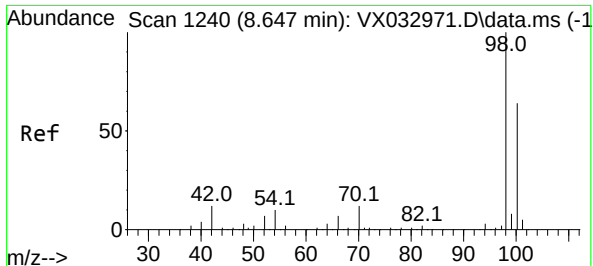
Ion Ratio Lower Upper

88 100

43 795085.7 26.6 39.8#

58 3421.4 51.7 77.5#





#50

Toluene-d8

Concen: 55.490 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033135.D

Acq: 30 Nov 2022 16:28

Instrument :

MSVOA_X

ClientSampleId :

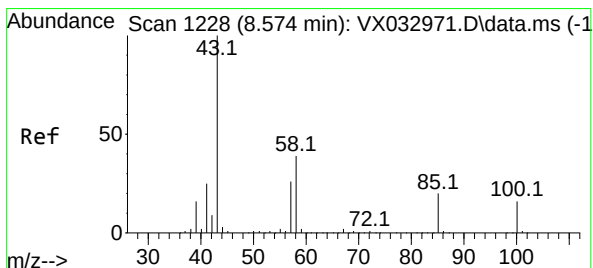
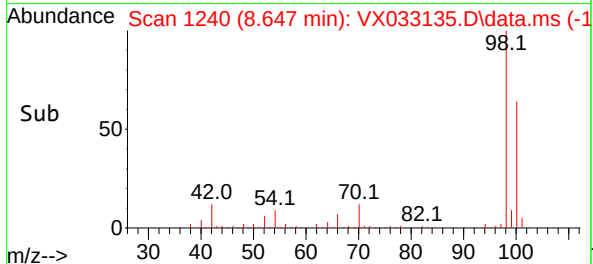
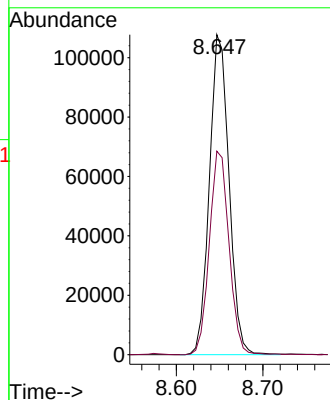
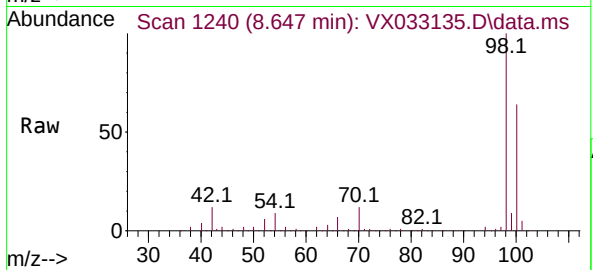
COMP-3

Tgt Ion: 98 Resp: 169368

Ion Ratio Lower Upper

98 100

100 63.8 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 47.836 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. -0.025 min

Lab File: VX033135.D

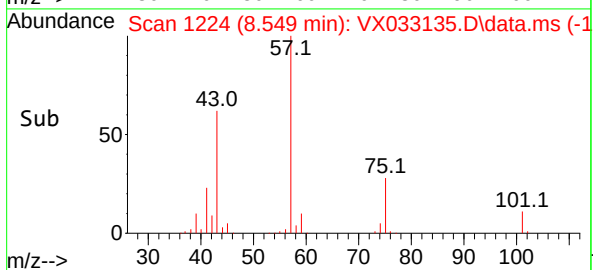
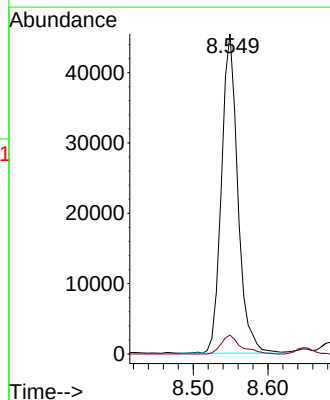
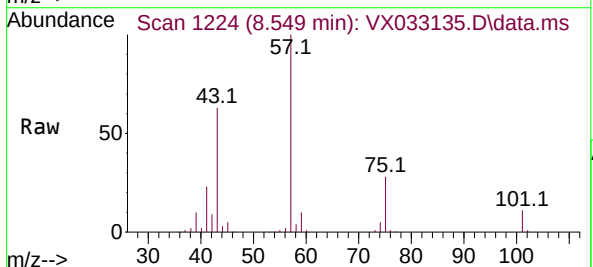
Acq: 30 Nov 2022 16:28

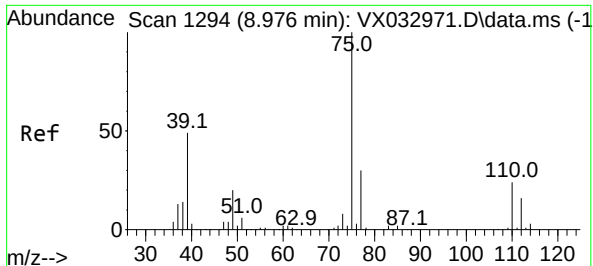
Tgt Ion: 43 Resp: 69379

Ion Ratio Lower Upper

43 100

58 7.0 30.9 46.3#





#53

t-1,3-Dichloropropene

Concen: 1.839 ug/l

RT: 8.952 min Scan# 11

Delta R.T. -0.030 min

Lab File: VX033135.D

Acq: 30 Nov 2022 16:28

Instrument :

MSVOA_X

ClientSampleId :

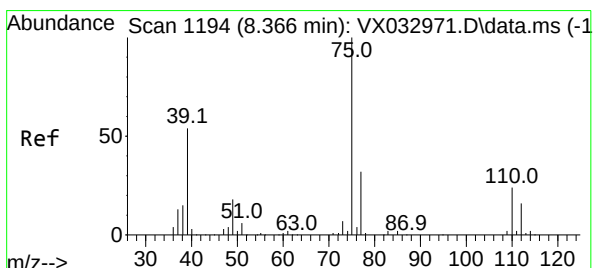
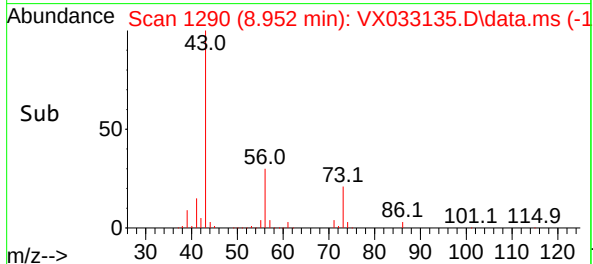
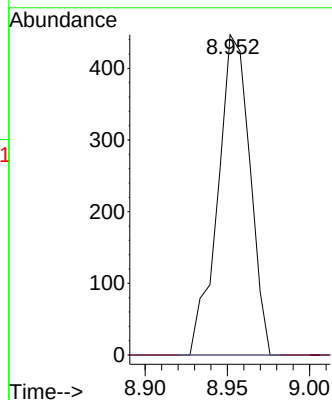
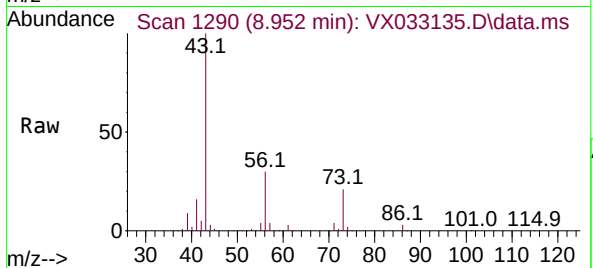
COMP-3

Tgt Ion: 75 Resp: 607

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#



#54

cis-1,3-Dichloropropene

Concen: 16.128 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.183 min

Lab File: VX033135.D

Acq: 30 Nov 2022 16:28

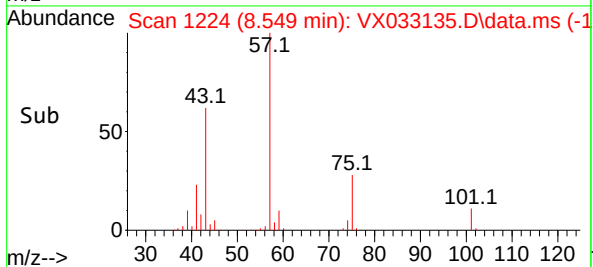
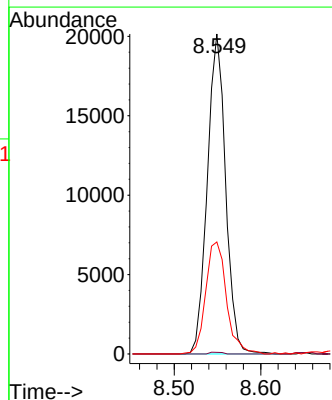
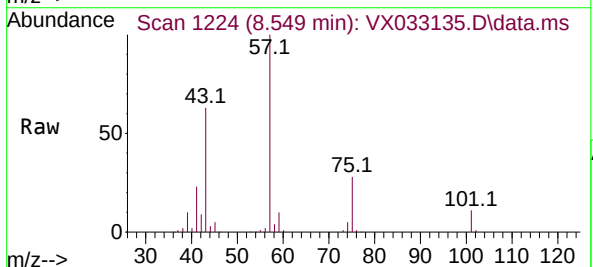
Tgt Ion: 75 Resp: 29589

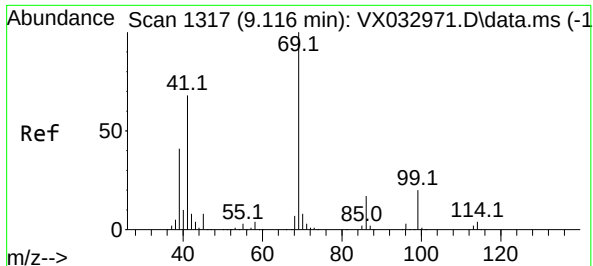
Ion Ratio Lower Upper

75 100

77 0.5 25.1 37.7#

39 35.0 45.5 68.3#

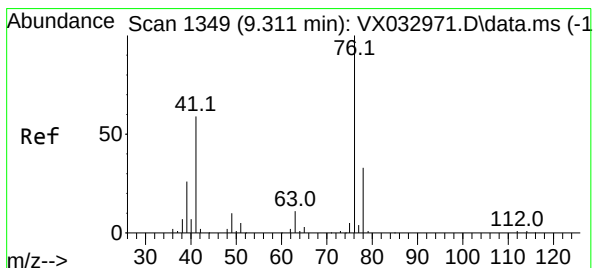
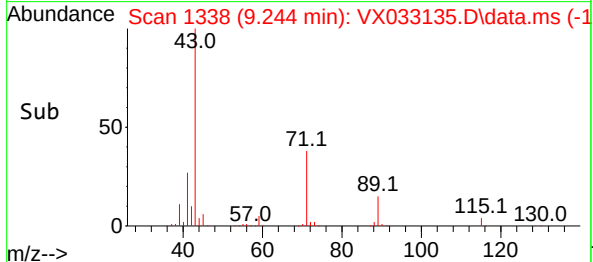
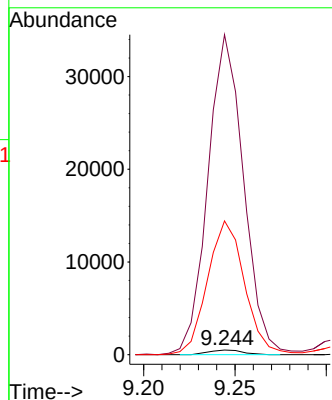
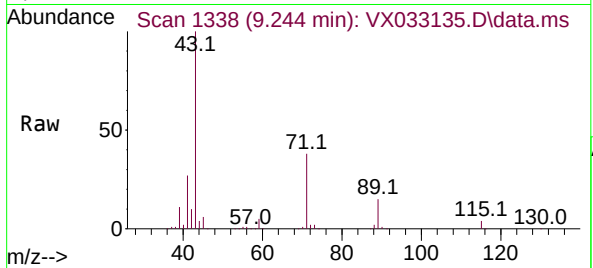




#56
Ethyl methacrylate
Concen: 0.388 ug/l
RT: 9.244 min Scan# 1338
Delta R.T. 0.128 min
Lab File: VX033135.D
Acq: 30 Nov 2022 16:28

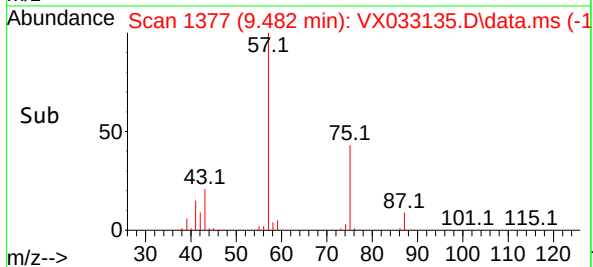
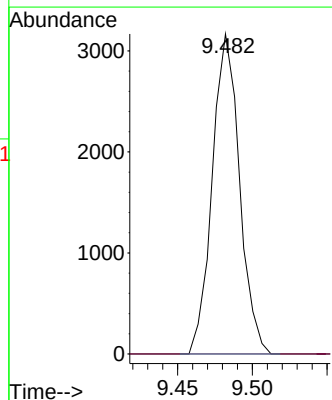
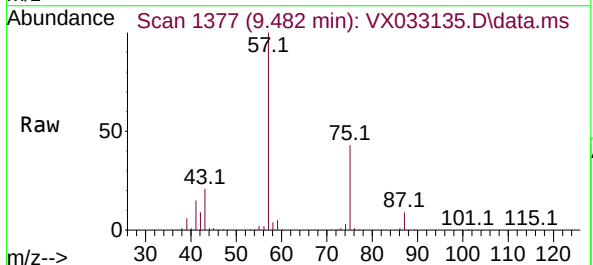
Instrument :
MSVOA_X
ClientSampleId :
COMP-3

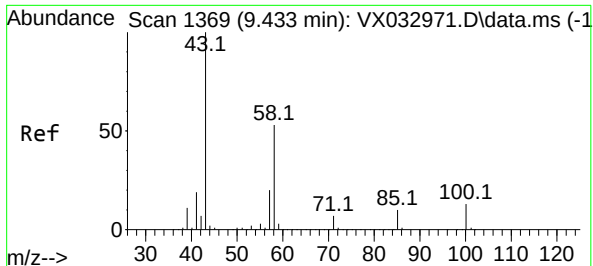
Tgt Ion: 69 Resp: 654
Ion Ratio Lower Upper
69 100
41 7216.1 54.3 81.5#
39 3134.7 35.2 52.8#



#57
1,3-Dichloropropane
Concen: 2.030 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX033135.D
Acq: 30 Nov 2022 16:28

Tgt Ion: 76 Resp: 4010
Ion Ratio Lower Upper
76 100
78 0.0 26.0 39.0#





#59

2-Hexanone

Concen: 53.303 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX033135.D

Acq: 30 Nov 2022 16:28

Instrument :

MSVOA_X

ClientSampleId :

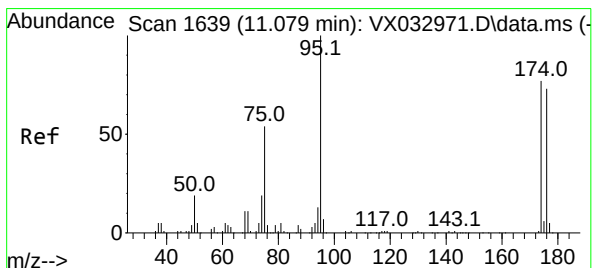
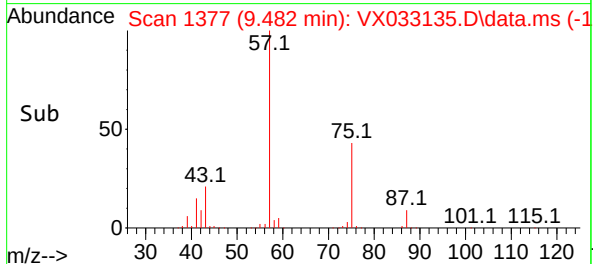
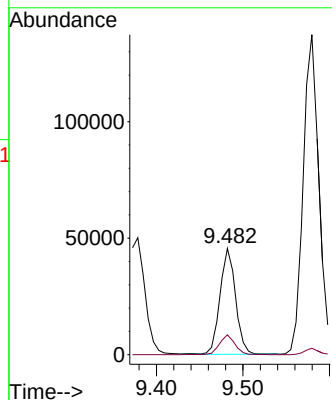
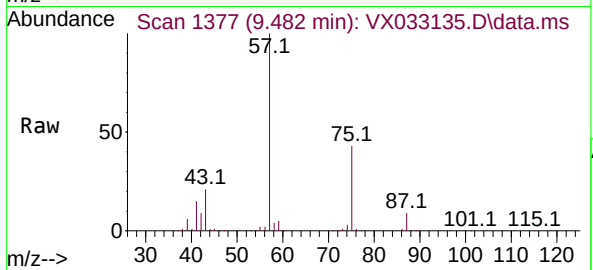
COMP-3

Tgt Ion: 43 Resp: 57108

Ion Ratio Lower Upper

43 100

58 18.5 26.5 79.5#



#62

4-Bromofluorobenzene

Concen: 47.490 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX033135.D

Acq: 30 Nov 2022 16:28

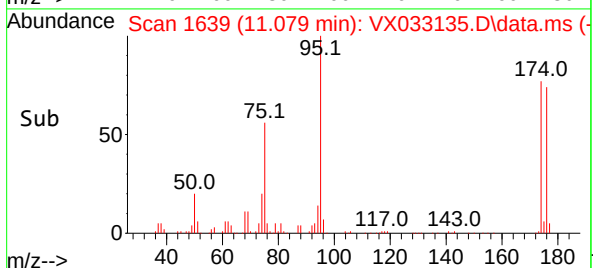
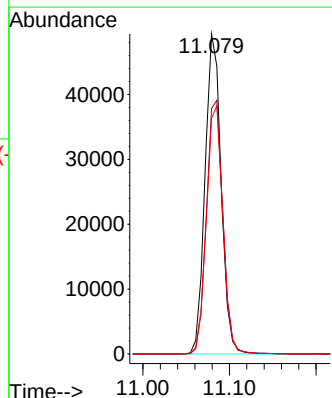
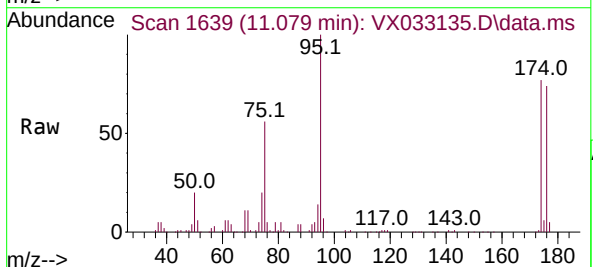
Tgt Ion: 95 Resp: 63555

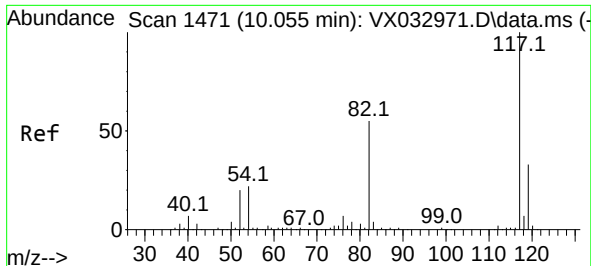
Ion Ratio Lower Upper

95 100

174 81.4 0.0 164.0

176 79.7 0.0 154.4

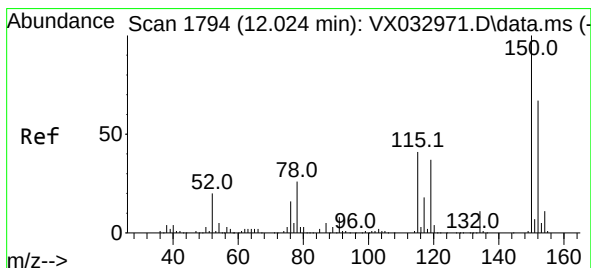
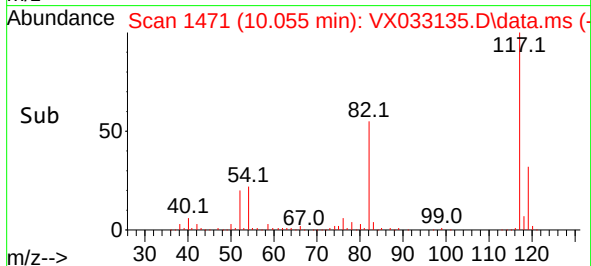
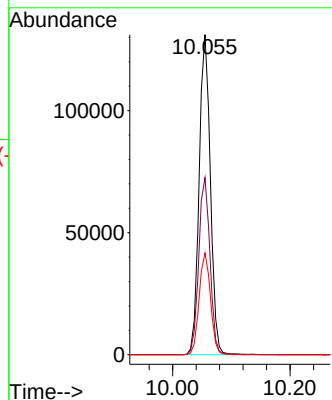
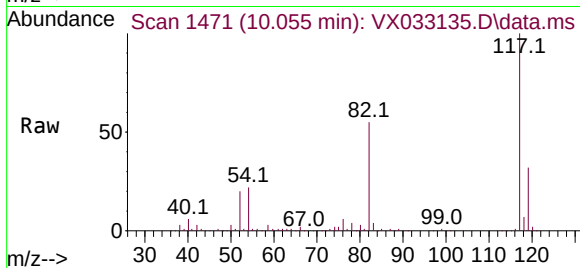




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033135.D
Acq: 30 Nov 2022 16:28

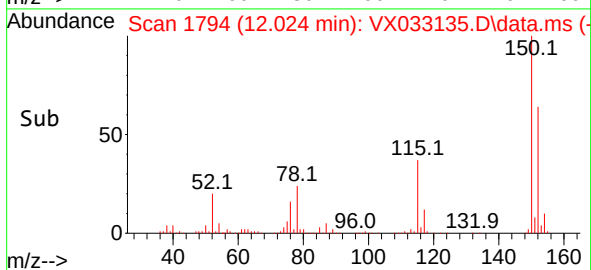
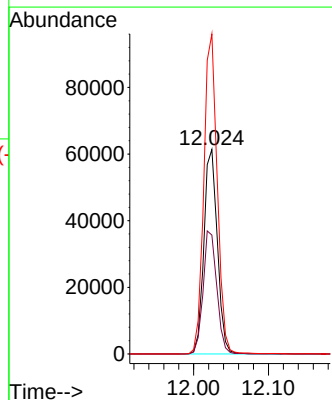
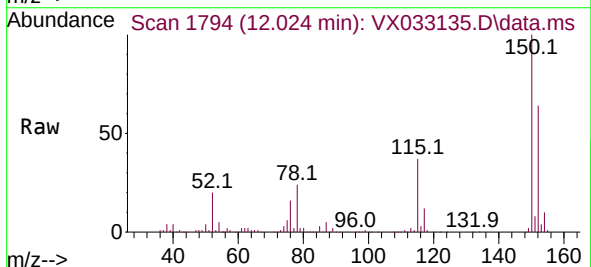
Instrument :
MSVOA_X
ClientSampleId :
COMP-3

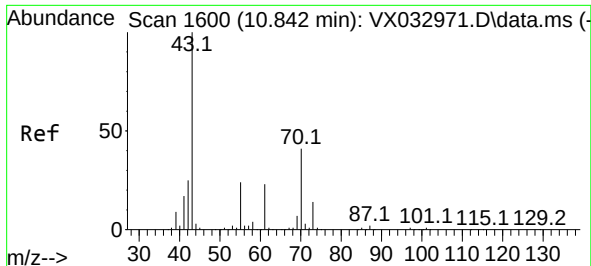
Tgt Ion:117 Resp: 173320
Ion Ratio Lower Upper
117 100
82 55.4 44.3 66.5
119 31.8 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033135.D
Acq: 30 Nov 2022 16:28

Tgt Ion:152 Resp: 76797
Ion Ratio Lower Upper
152 100
115 60.9 44.0 132.0
150 155.7 0.0 351.8

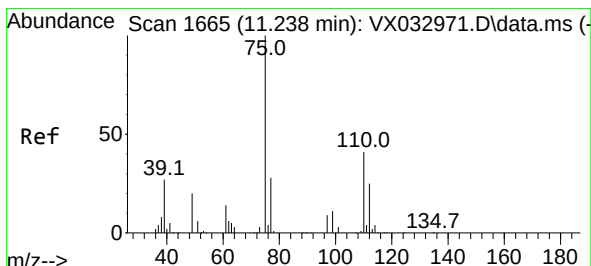
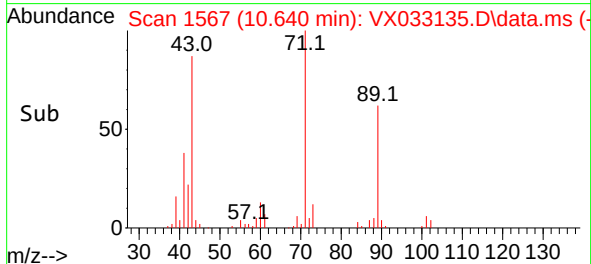
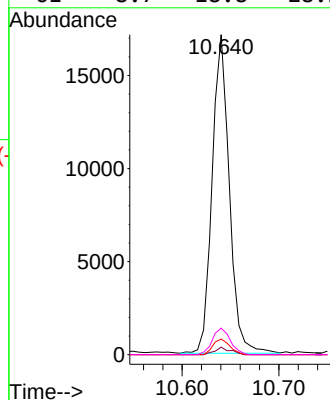
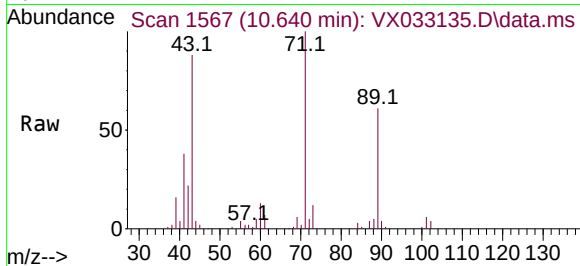




#74
N-amy1 acetate
Concen: 11.334 ug/l
RT: 10.640 min Scan# 1639
Delta R.T. -0.201 min
Lab File: VX033135.D
Acq: 30 Nov 2022 16:28

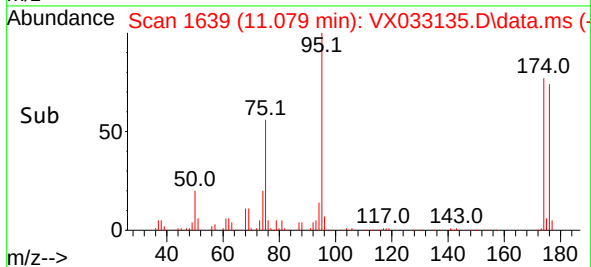
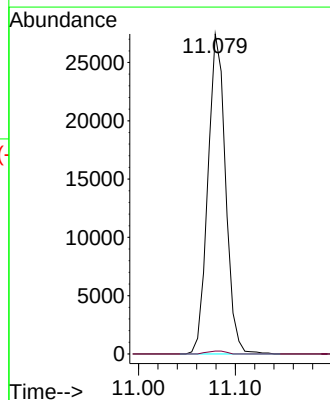
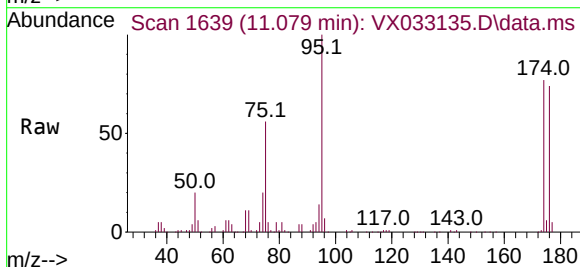
Instrument :
MSVOA_X
ClientSampleId :
COMP-3

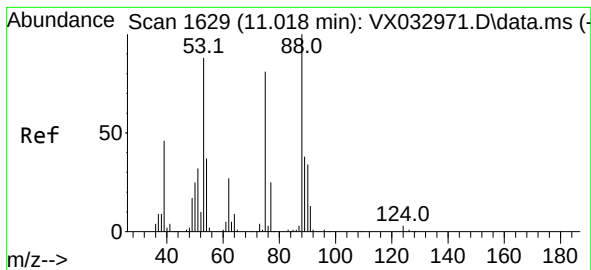
Tgt Ion: 43	Resp: 21159
Ion Ratio	Lower Upper
43 100	
70 2.1	33.6 50.4#
55 4.8	19.4 29.2#
61 8.7	18.8 28.2#



#76
1,2,3-Trichloropropane
Concen: 24.037 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033135.D
Acq: 30 Nov 2022 16:28

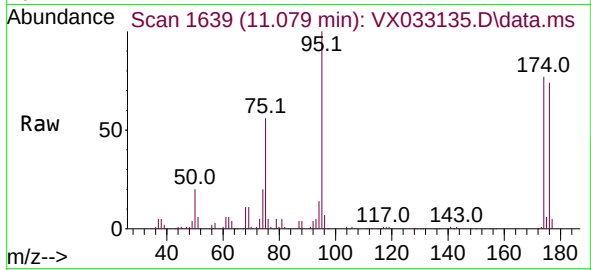
Tgt Ion: 75	Resp: 34960
Ion Ratio	Lower Upper
75 100	
77 1.0	20.0 60.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 78.132 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX033135.D
Acq: 30 Nov 2022 16:28

Instrument :
MSVOA_X
ClientSampleId :
COMP-3



Tgt Ion: 75 Resp: 34960
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

