

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121522\
 Data File : VX033445.D
 Acq On : 15 Dec 2022 16:22
 Operator : JC/MD
 Sample : N6065-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-S

Quant Time: Dec 16 01:04:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

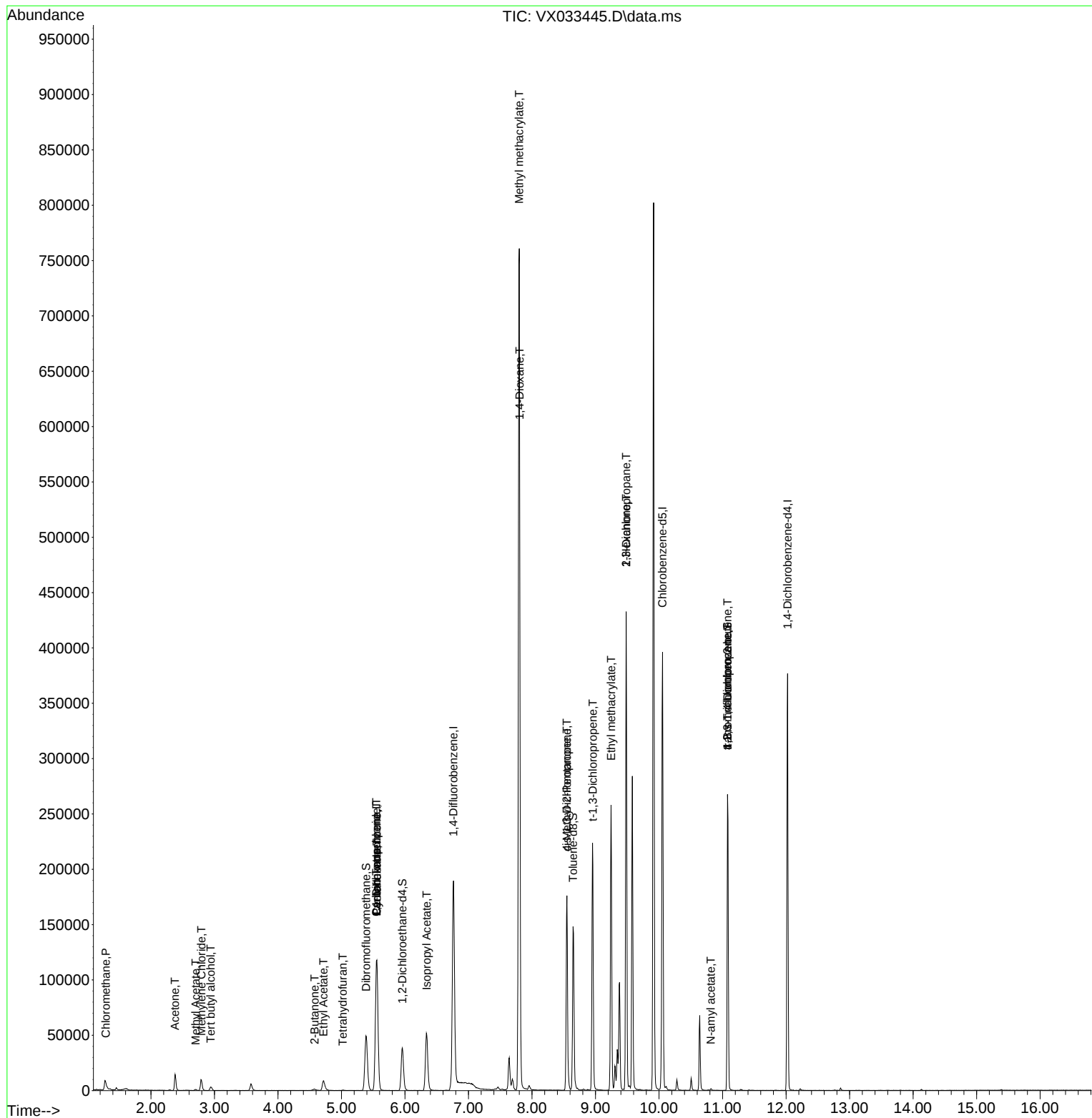
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	114933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	190891	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	39650	53.775	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.540%	
35) Dibromofluoromethane	5.385	113	43747	50.952	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.900%	
50) Toluene-d8	8.647	98	90574	50.427	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.860%	
62) 4-Bromofluorobenzene	11.079	95	69609	50.686	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.380%	
Target Compounds						Qvalue
3) Chloromethane	1.288	50	234	0.252	ug/l #	43
11) Tert butyl alcohol	2.940	59	2198	9.750	ug/l #	72
16) Acetone	2.380	43	15968	29.266	ug/l	95
18) Methyl Acetate	2.703	43	1498	0.948	ug/l #	81
20) Methylene Chloride	2.794	84	5192	4.267	ug/l	86
25) 2-Butanone	4.574	43	1676	2.140	ug/l	98
29) Tetrahydrofuran	5.019	42	281	0.554	ug/l #	42
31) Cyclohexane	5.556	56	2395	1.367	ug/l #	20
36) 1,1-Dichloropropene	5.550	75	8666	5.177	ug/l #	50
37) Ethyl Acetate	4.714	43	15646	9.888	ug/l	99
38) Carbon Tetrachloride	5.550	117	12098	6.450	ug/l #	15
43) Isopropyl Acetate	6.342	43	71269	27.992	ug/l	100
48) Methyl methacrylate	7.799	41	66761	50.807	ug/l #	43
49) 1,4-Dioxane	7.805	88	21	0.701	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	59174	36.752	ug/l #	50
53) t-1,3-Dichloropropene	8.958	75	508	2.748	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	27423	13.903	ug/l #	59
56) Ethyl methacrylate	9.244	69	651	0.349	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	3630	1.703	ug/l #	42
59) 2-Hexanone	9.482	43	49054	41.343	ug/l #	52
74) N-amyl acetate	10.817	43	653	0.331	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	35757	22.009	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	35757	68.464	ug/l #	6

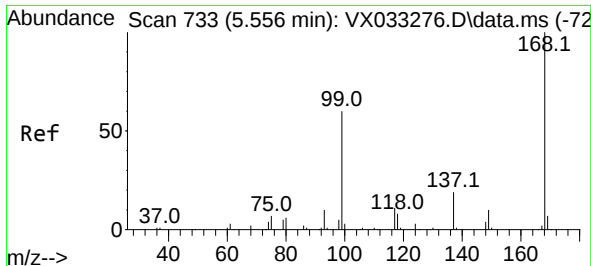
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121522\
Data File : VX033445.D
Acq On : 15 Dec 2022 16:22
Operator : JC/MD
Sample : N6065-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TP-S

Quant Time: Dec 16 01:04:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 07 12:43:54 2022
Response via : Initial Calibration

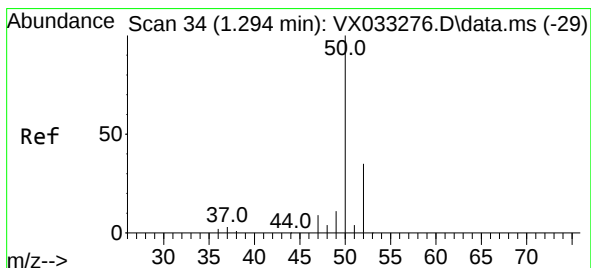
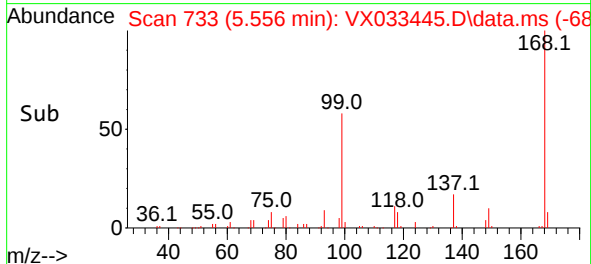
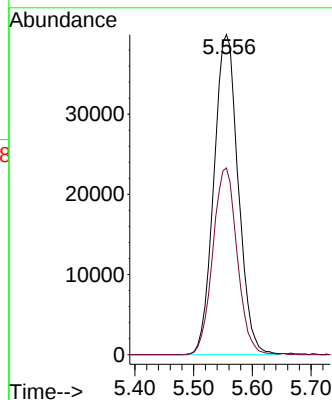
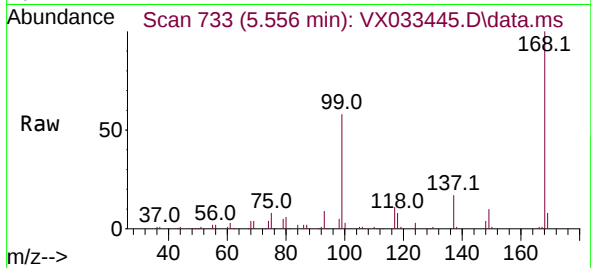




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033445.D
Acq: 15 Dec 2022 16:22

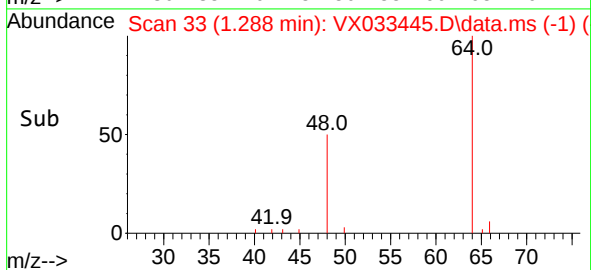
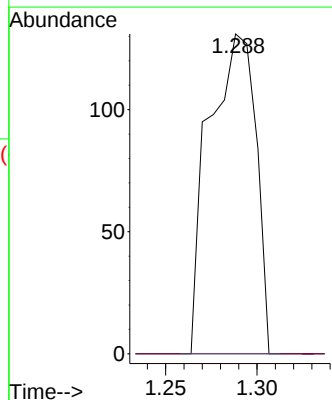
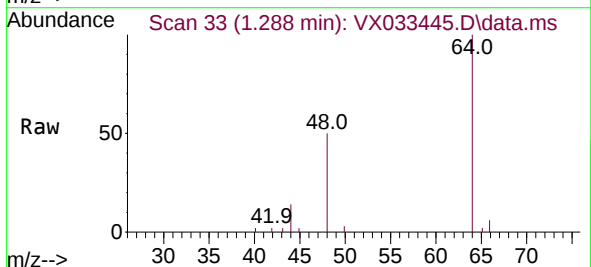
Instrument :
MSVOA_X
ClientSampleId :
TP-S

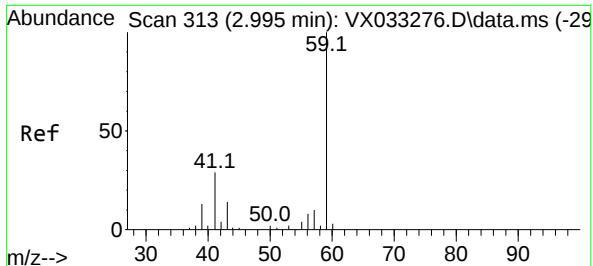
Tgt Ion:168 Resp: 114933
Ion Ratio Lower Upper
168 100
99 58.3 46.1 69.1



#3
Chloromethane
Concen: 0.252 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX033445.D
Acq: 15 Dec 2022 16:22

Tgt Ion: 50 Resp: 234
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

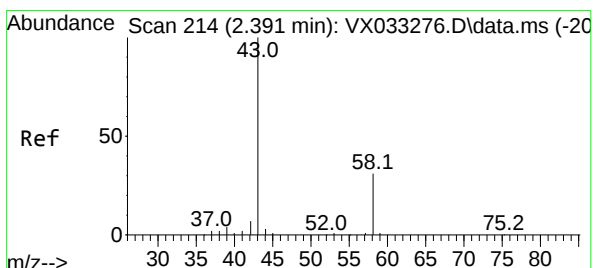
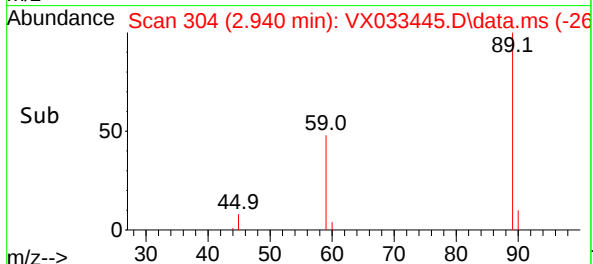
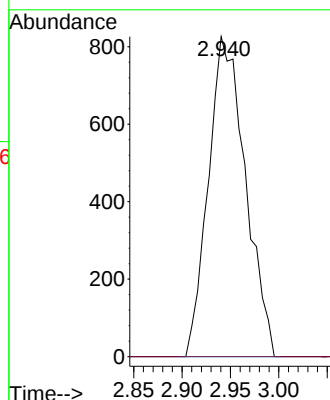
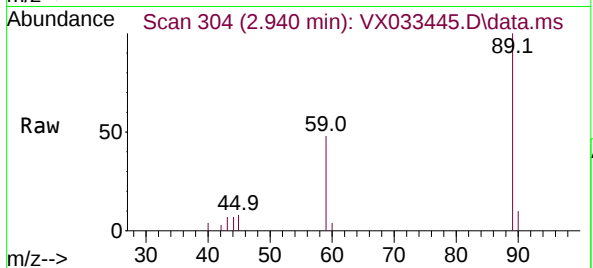




#11
Tert butyl alcohol
Concen: 9.750 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX033445.D
Acq: 15 Dec 2022 16:22

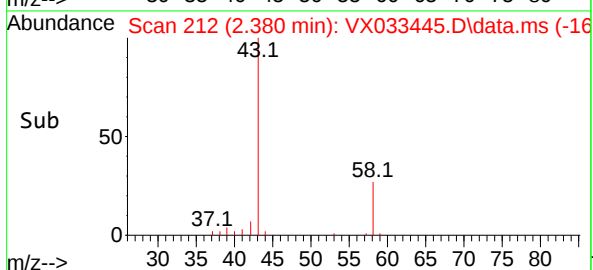
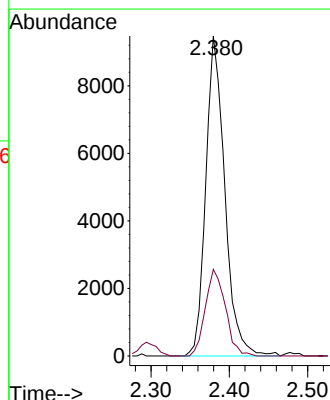
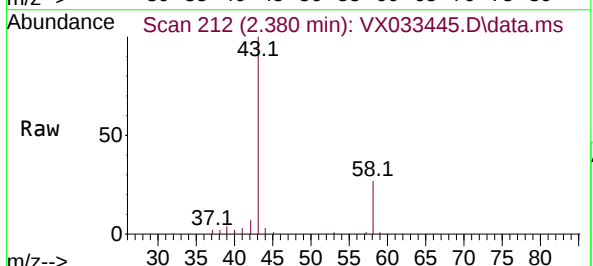
Instrument :
MSVOA_X
ClientSampleId :
TP-S

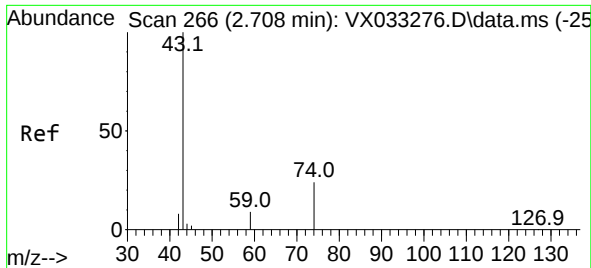
Tgt Ion: 59 Resp: 2198
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 29.266 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX033445.D
Acq: 15 Dec 2022 16:22

Tgt Ion: 43 Resp: 15968
Ion Ratio Lower Upper
43 100
58 27.0 23.8 35.8





#18

Methyl Acetate

Concen: 0.948 ug/l

RT: 2.703 min Scan# 2

Delta R.T. -0.006 min

Lab File: VX033445.D

Acq: 15 Dec 2022 16:22

Instrument :

MSVOA_X

ClientSampleId :

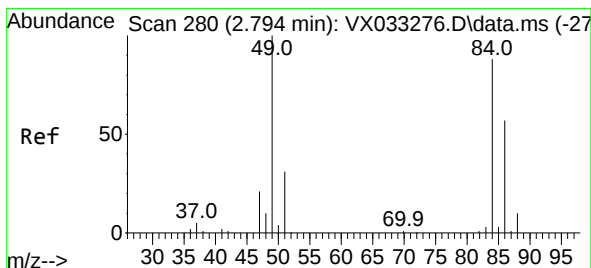
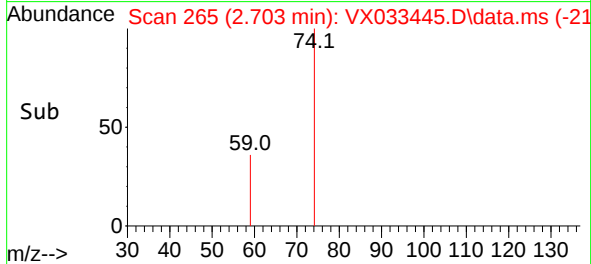
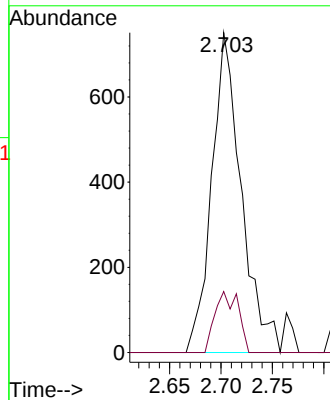
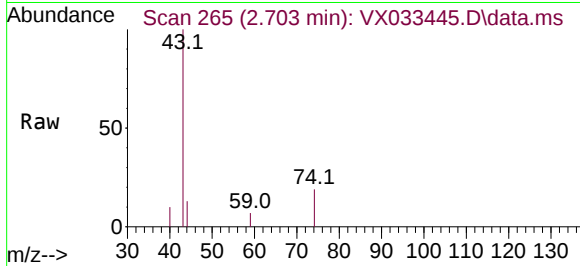
TP-S

Tgt Ion: 43 Resp: 1498

Ion Ratio Lower Upper

43 100

74 15.0 19.4 29.0#



#20

Methylene Chloride

Concen: 4.267 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX033445.D

Acq: 15 Dec 2022 16:22

Tgt Ion: 84 Resp: 5192

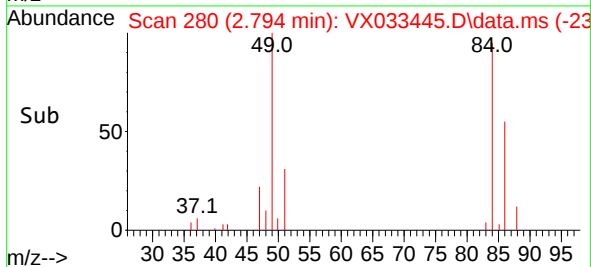
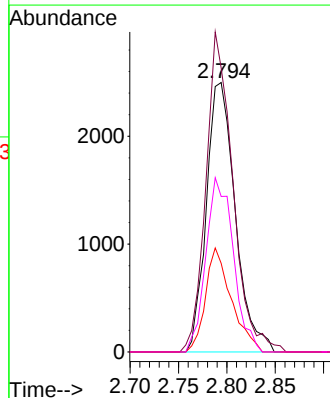
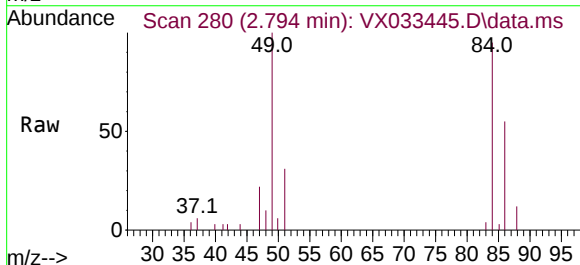
Ion Ratio Lower Upper

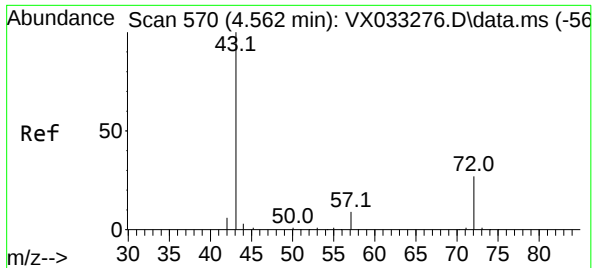
84 100

49 105.4 101.0 151.6

51 32.9 31.1 46.7

86 57.7 52.3 78.5

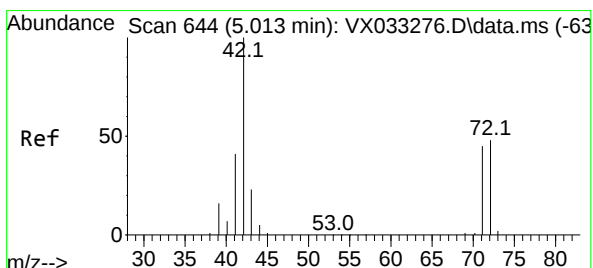
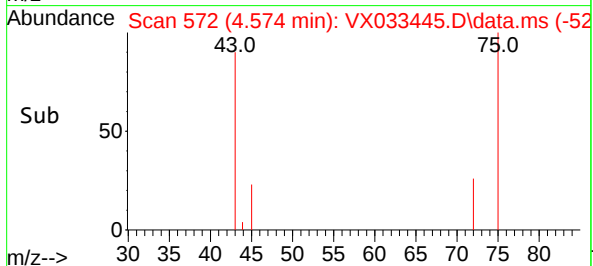
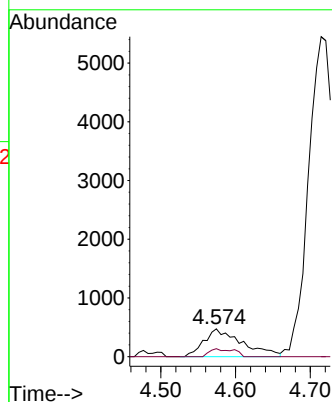
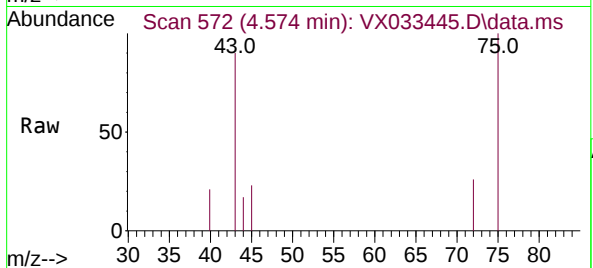




#25
2-Butanone
Concen: 2.140 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX033445.D
Acq: 15 Dec 2022 16:22

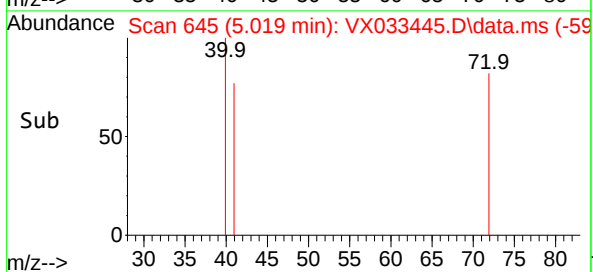
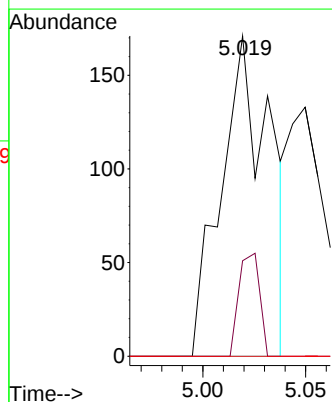
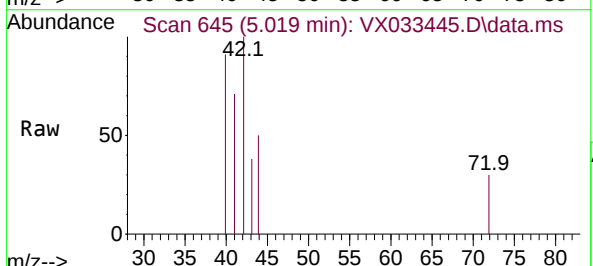
Instrument :
MSVOA_X
ClientSampleId :
TP-S

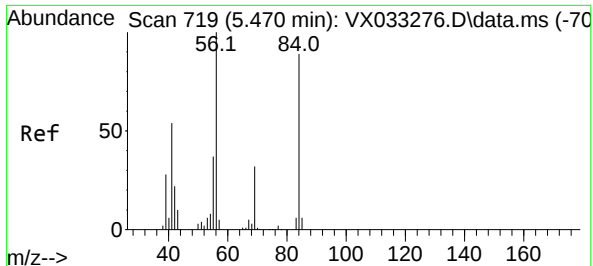
Tgt Ion: 43 Resp: 1676
Ion Ratio Lower Upper
43 100
72 28.5 22.2 33.2



#29
Tetrahydrofuran
Concen: 0.554 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.006 min
Lab File: VX033445.D
Acq: 15 Dec 2022 16:22

Tgt Ion: 42 Resp: 281
Ion Ratio Lower Upper
42 100
72 13.9 37.6 56.4#
71 0.0 34.7 52.1#

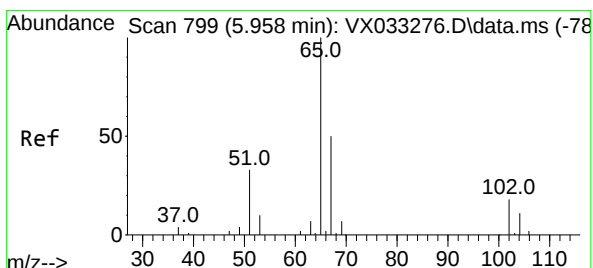
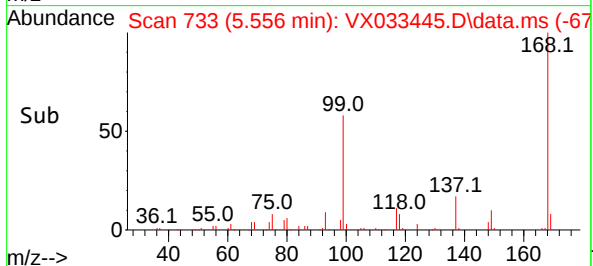
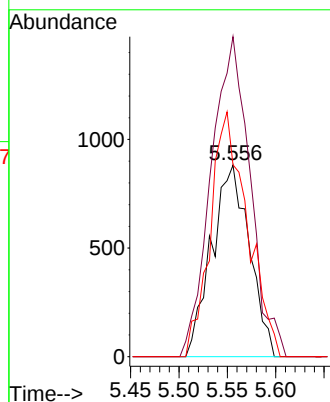
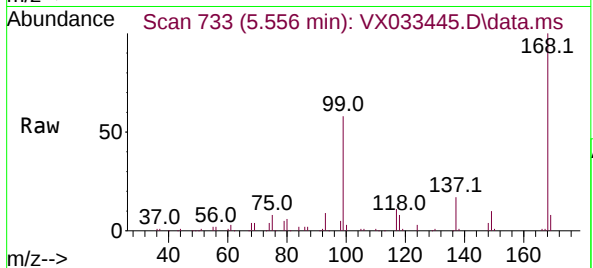




#31
Cyclohexane
Concen: 1.367 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX033445.D
Acq: 15 Dec 2022 16:22

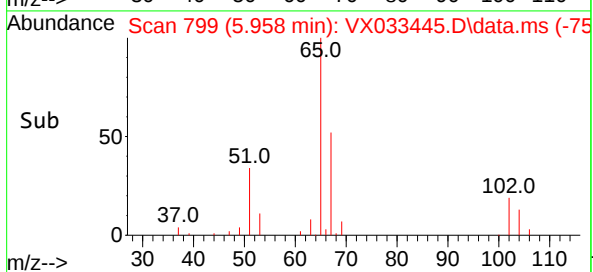
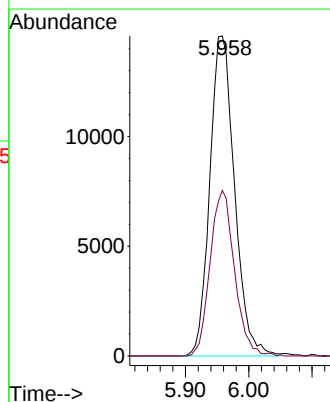
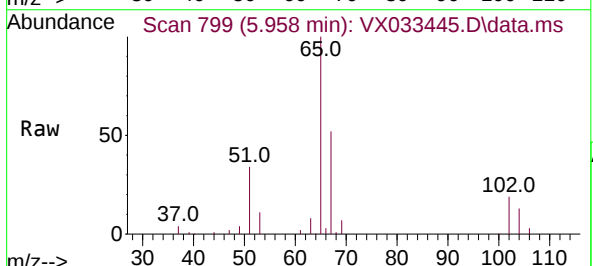
Instrument :
MSVOA_X
ClientSampleId :
TP-S

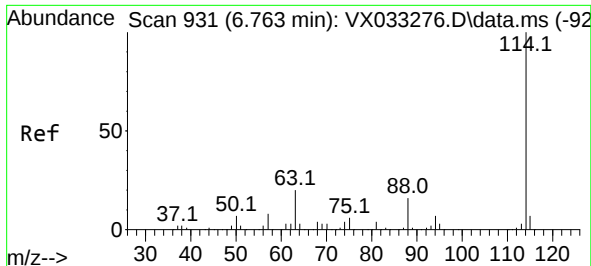
Tgt Ion: 56 Resp: 2395
Ion Ratio Lower Upper
56 100
69 167.0 24.1 36.1#
84 100.1 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 53.775 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033445.D
Acq: 15 Dec 2022 16:22

Tgt Ion: 65 Resp: 39650
Ion Ratio Lower Upper
65 100
67 50.9 0.0 101.8

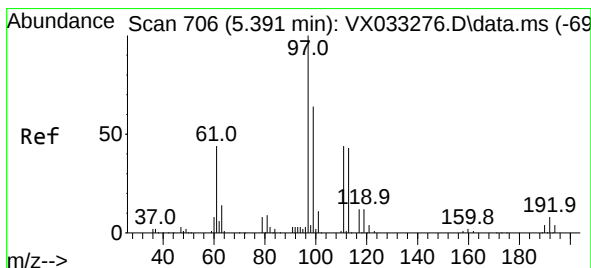
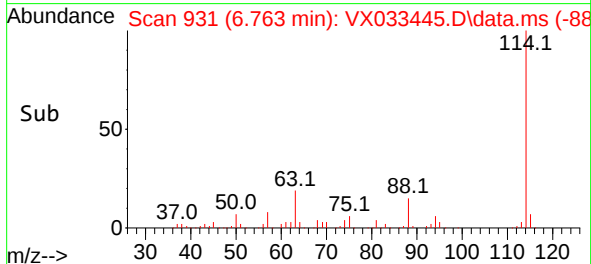
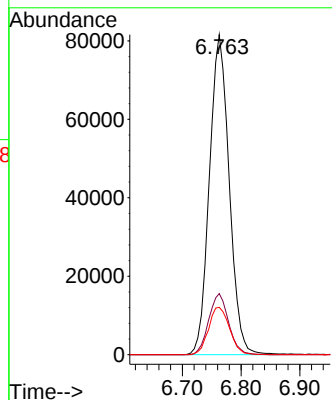
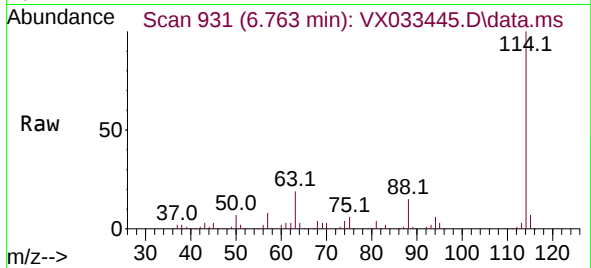




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX033445.D
Acq: 15 Dec 2022 16:22

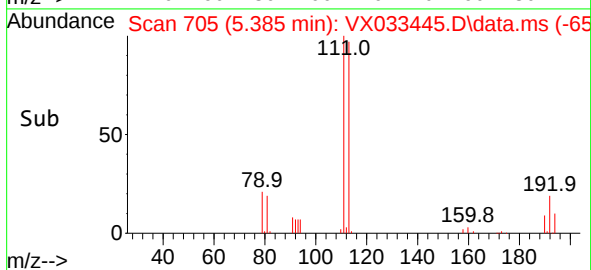
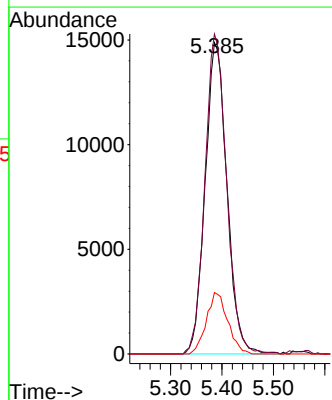
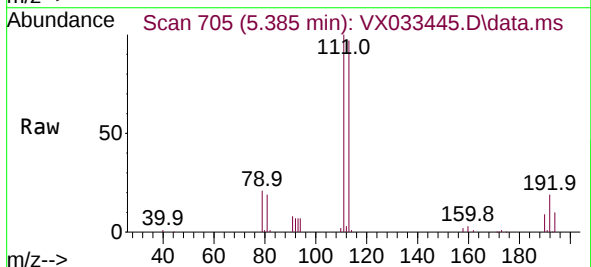
Instrument :
MSVOA_X
ClientSampleId :
TP-S

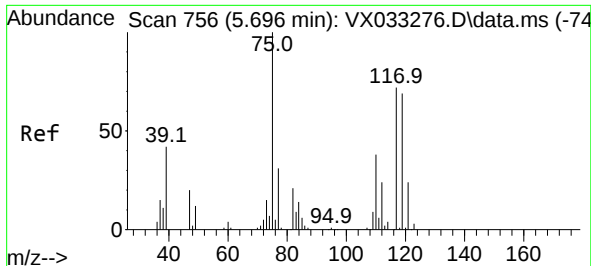
Tgt Ion:114 Resp: 190891
Ion Ratio Lower Upper
114 100
63 19.1 0.0 41.6
88 14.8 0.0 33.4



#35
Dibromofluoromethane
Concen: 50.952 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX033445.D
Acq: 15 Dec 2022 16:22

Tgt Ion:113 Resp: 43747
Ion Ratio Lower Upper
113 100
111 102.0 82.4 123.6
192 19.3 15.4 23.2

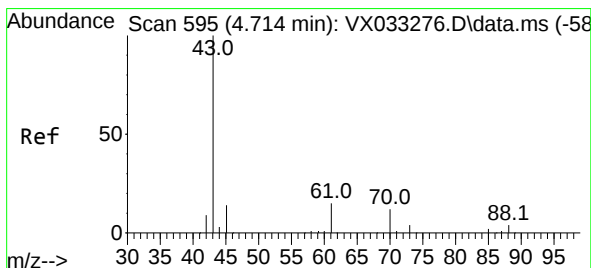
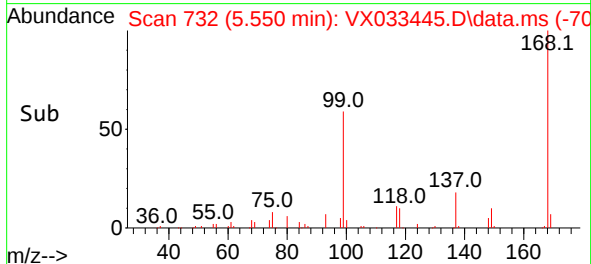
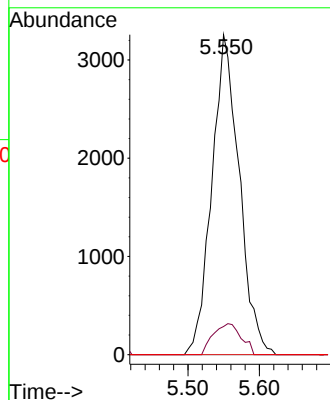
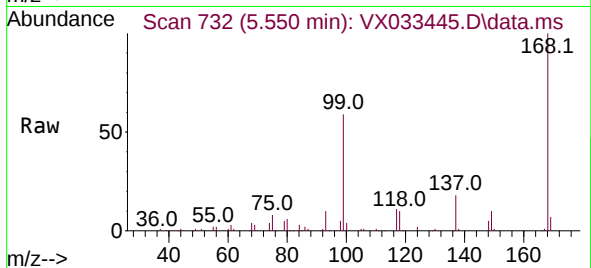




#36
1,1-Dichloropropene
Concen: 5.177 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX033445.D
Acq: 15 Dec 2022 16:22

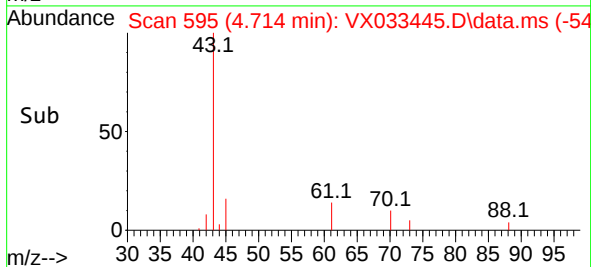
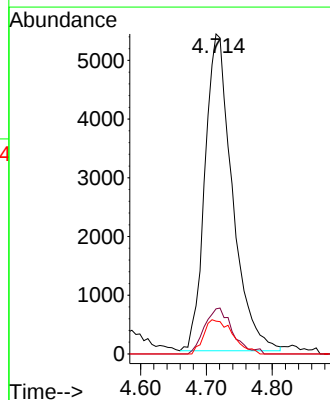
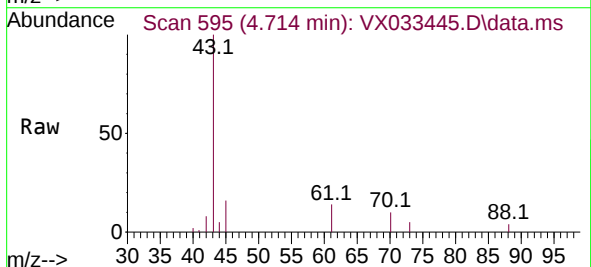
Instrument :
MSVOA_X
ClientSampleId :
TP-S

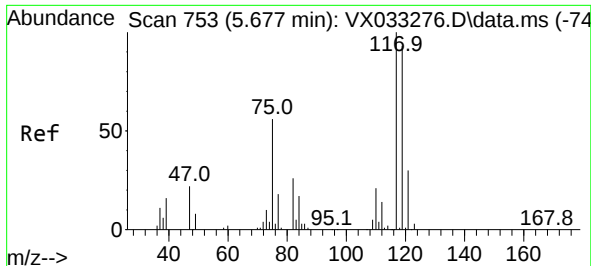
Tgt Ion: 75 Resp: 8666
Ion Ratio Lower Upper
75 100
110 9.9 18.4 55.2#
77 0.0 24.5 36.7#



#37
Ethyl Acetate
Concen: 9.888 ug/l
RT: 4.714 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX033445.D
Acq: 15 Dec 2022 16:22

Tgt Ion: 43 Resp: 15646
Ion Ratio Lower Upper
43 100
61 14.8 11.5 17.3
70 11.4 9.1 13.7

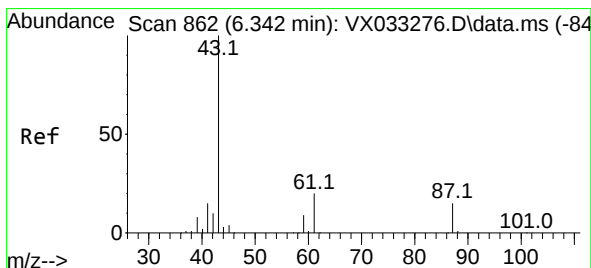
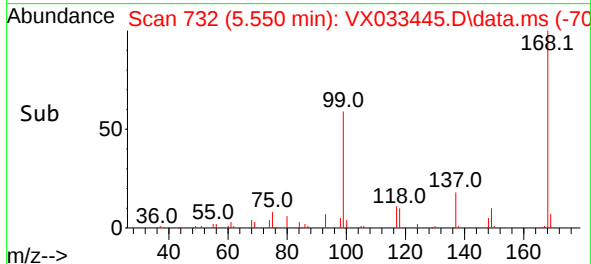
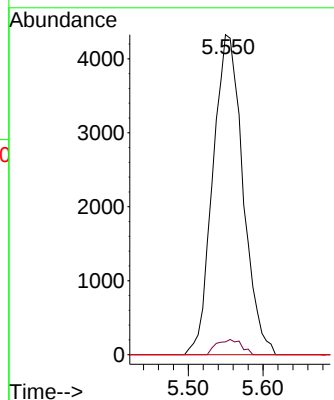
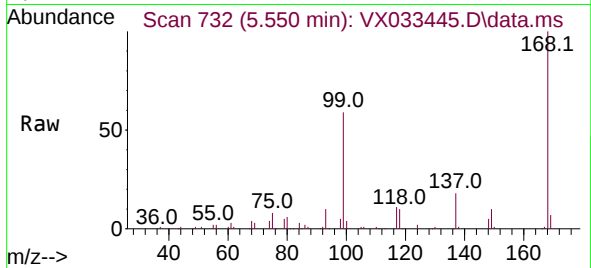




#38
Carbon Tetrachloride
Concen: 6.450 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033445.D
Acq: 15 Dec 2022 16:22

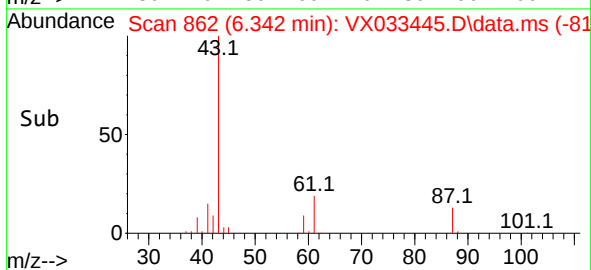
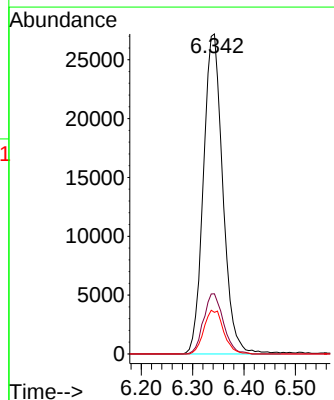
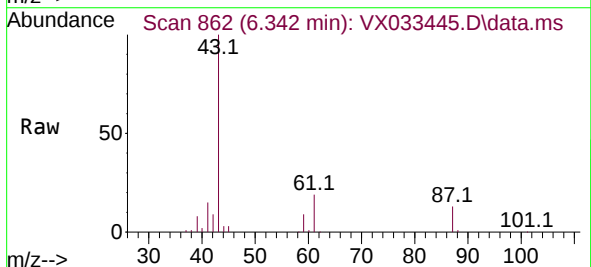
Instrument :
MSVOA_X
ClientSampleId :
TP-S

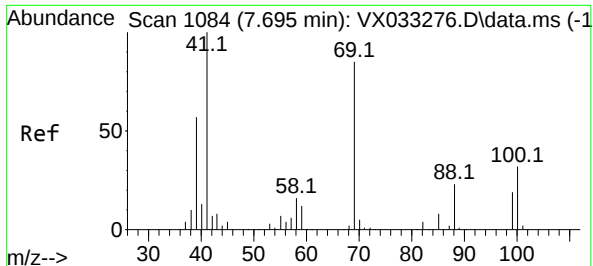
Tgt Ion:117 Resp: 12098
Ion Ratio Lower Upper
117 100
119 4.0 77.2 115.8#
121 0.0 25.8 38.6#



#43
Isopropyl Acetate
Concen: 27.992 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX033445.D
Acq: 15 Dec 2022 16:22

Tgt Ion: 43 Resp: 71269
Ion Ratio Lower Upper
43 100
61 19.2 15.4 23.0
87 13.9 10.8 16.2





#48

Methyl methacrylate

Concen: 50.807 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.104 min

Lab File: VX033445.D

Acq: 15 Dec 2022 16:22

Instrument :

MSVOA_X

ClientSampleId :

TP-S

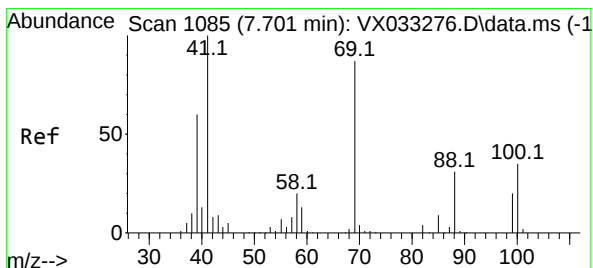
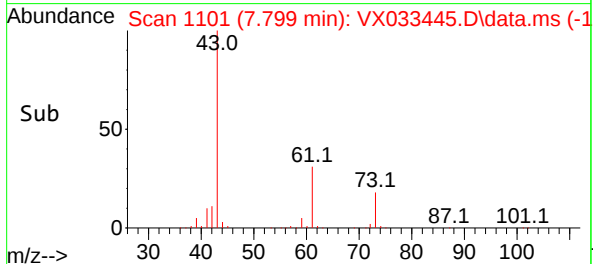
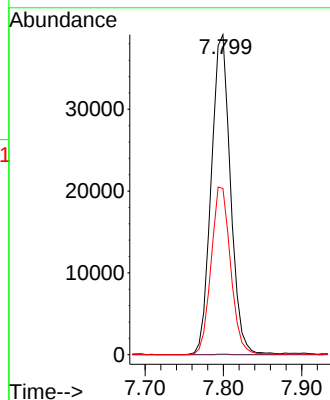
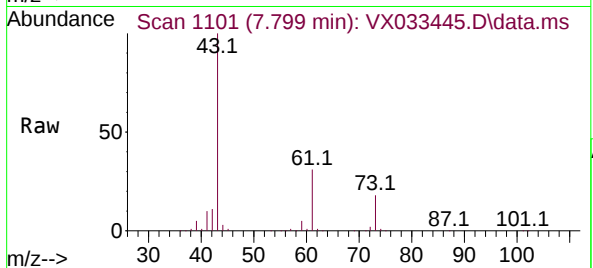
Tgt Ion: 41 Resp: 66761

Ion Ratio Lower Upper

41 100

69 0.1 65.1 97.7#

39 53.2 51.9 77.9



#49

1,4-Dioxane

Concen: 0.701 ug/l

RT: 7.805 min Scan# 1102

Delta R.T. 0.104 min

Lab File: VX033445.D

Acq: 15 Dec 2022 16:22

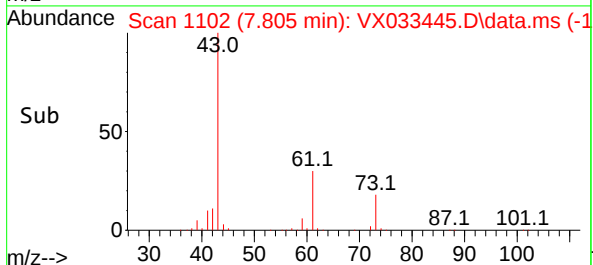
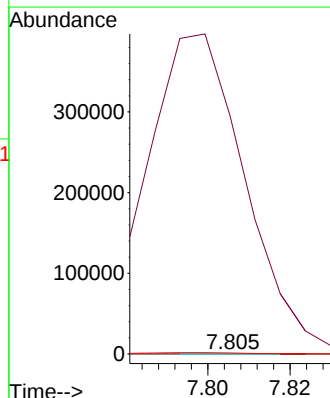
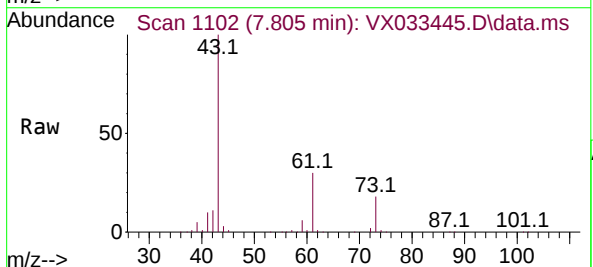
Tgt Ion: 88 Resp: 21

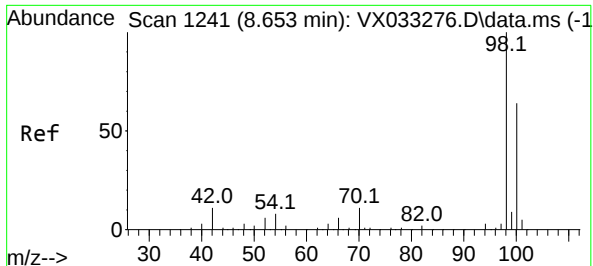
Ion Ratio Lower Upper

88 100

43 3244152.4 26.6 39.8#

58 14052.4 51.7 77.5#

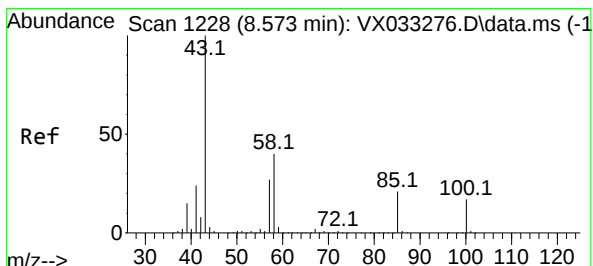
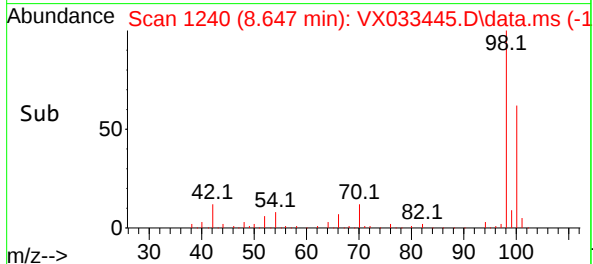
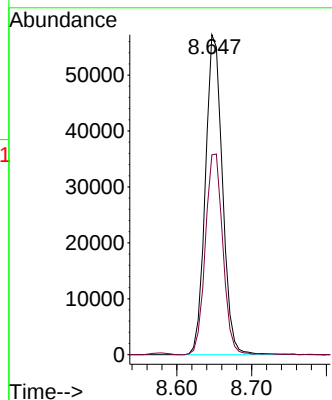
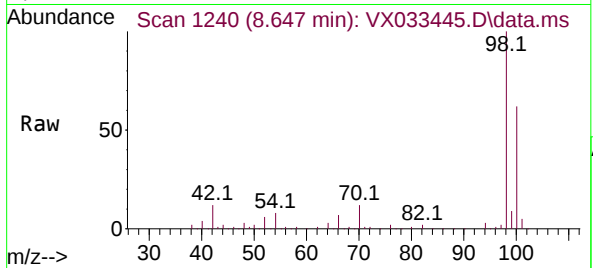




#50
Toluene-d8
Concen: 50.427 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033445.D
Acq: 15 Dec 2022 16:22

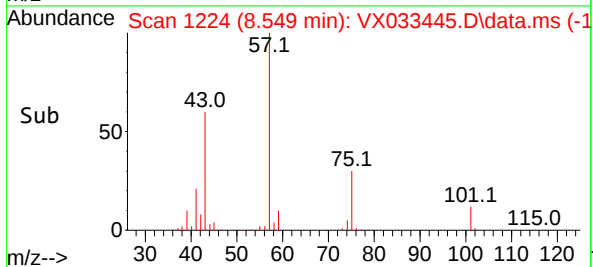
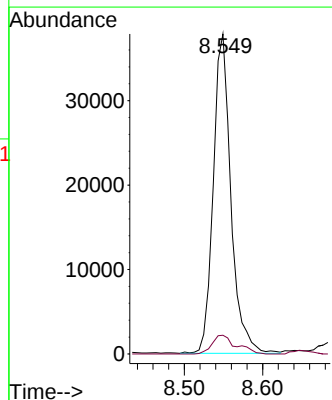
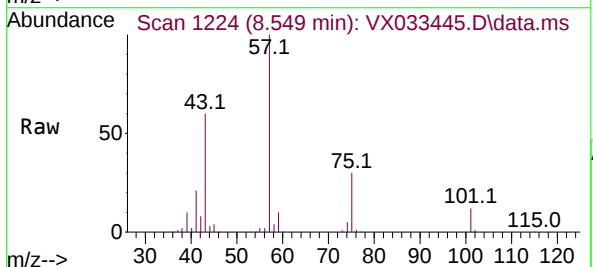
Instrument :
MSVOA_X
ClientSampleId :
TP-S

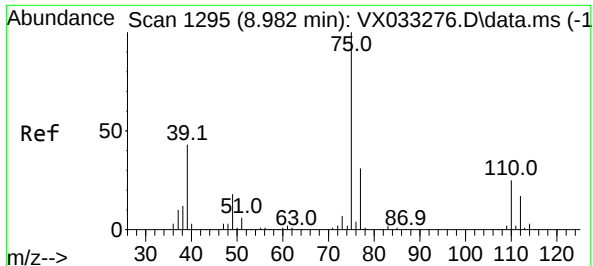
Tgt Ion: 98 Resp: 90574
Ion Ratio Lower Upper
98 100
100 64.7 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 36.752 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX033445.D
Acq: 15 Dec 2022 16:22

Tgt Ion: 43 Resp: 59174
Ion Ratio Lower Upper
43 100
58 8.0 30.9 46.3#





#53

t-1,3-Dichloropropene

Concen: 2.748 ug/l

RT: 8.958 min Scan# 11

Delta R.T. -0.024 min

Lab File: VX033445.D

Acq: 15 Dec 2022 16:22

Instrument :

MSVOA_X

ClientSampleId :

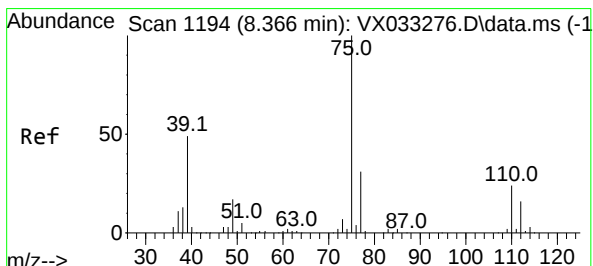
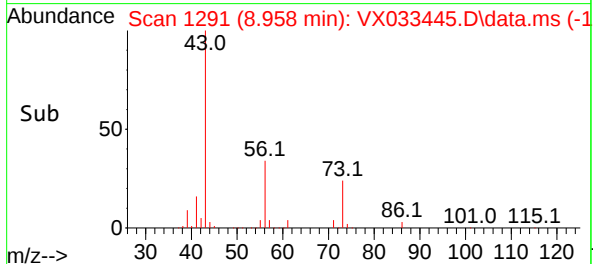
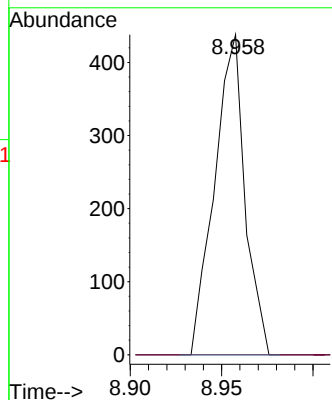
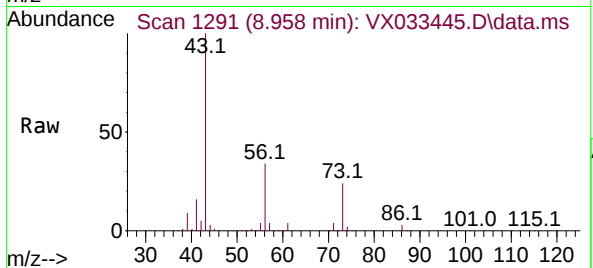
TP-S

Tgt Ion: 75 Resp: 508

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#



#54

cis-1,3-Dichloropropene

Concen: 13.903 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.183 min

Lab File: VX033445.D

Acq: 15 Dec 2022 16:22

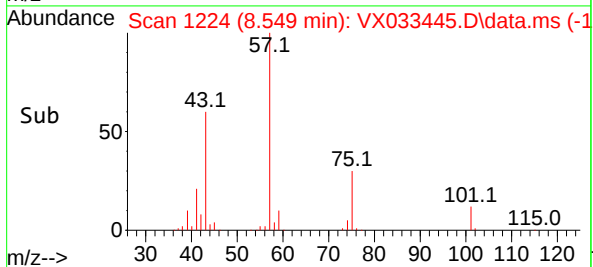
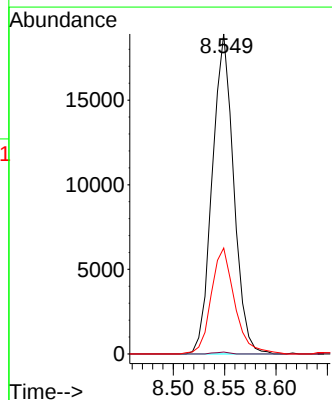
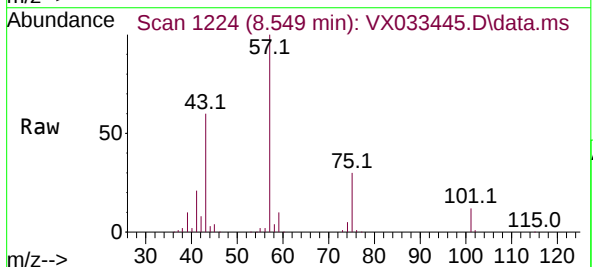
Tgt Ion: 75 Resp: 27423

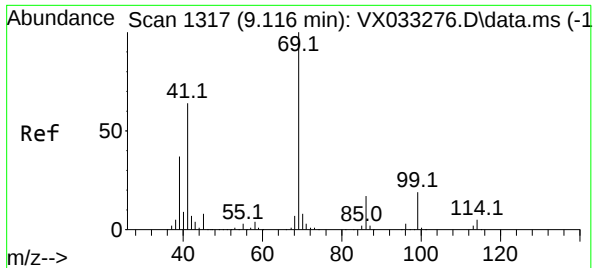
Ion Ratio Lower Upper

75 100

77 0.6 25.1 37.7#

39 33.1 45.5 68.3#

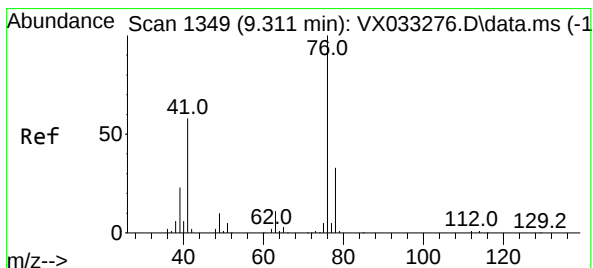
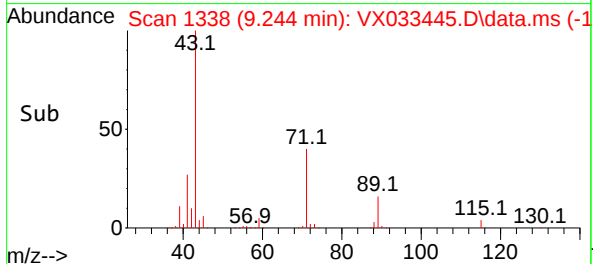
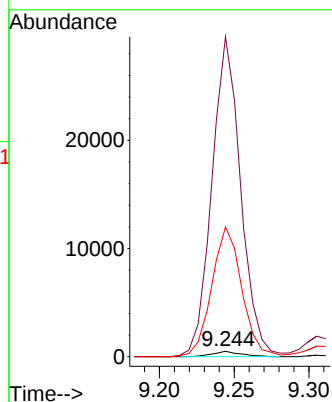
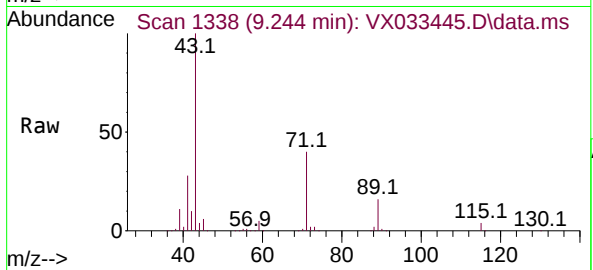




#56
Ethyl methacrylate
Concen: 0.349 ug/l
RT: 9.244 min Scan# 1338
Delta R.T. 0.128 min
Lab File: VX033445.D
Acq: 15 Dec 2022 16:22

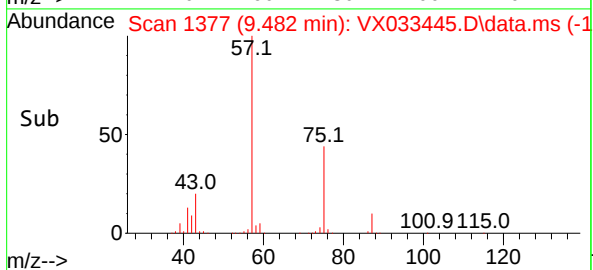
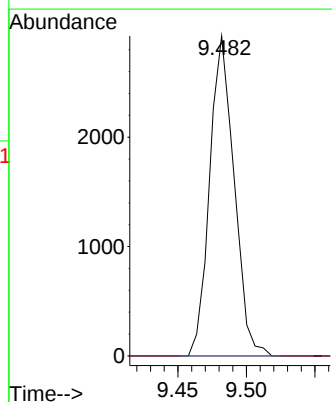
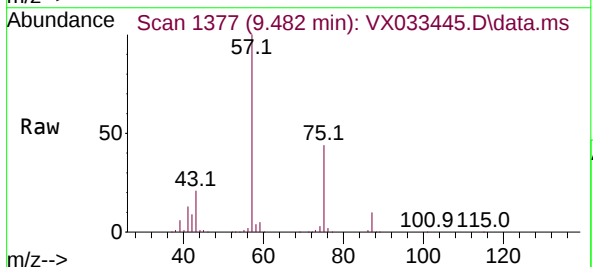
Instrument :
MSVOA_X
ClientSampleId :
TP-S

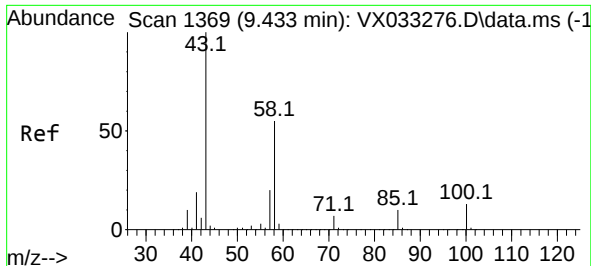
Tgt Ion: 69 Resp: 651
Ion Ratio Lower Upper
69 100
41 6088.6 54.3 81.5#
39 2565.3 35.2 52.8#



#57
1,3-Dichloropropane
Concen: 1.703 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX033445.D
Acq: 15 Dec 2022 16:22

Tgt Ion: 76 Resp: 3630
Ion Ratio Lower Upper
76 100
78 0.0 26.0 39.0#





#59

2-Hexanone

Concen: 41.343 ug/l

RT: 9.482 min Scan# 1

Delta R.T. 0.049 min

Lab File: VX033445.D

Acq: 15 Dec 2022 16:22

Instrument :

MSVOA_X

ClientSampleId :

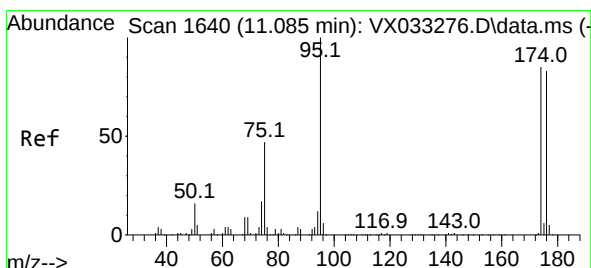
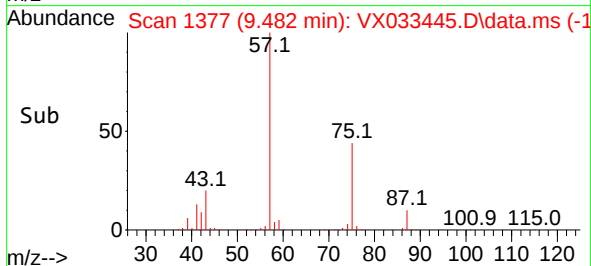
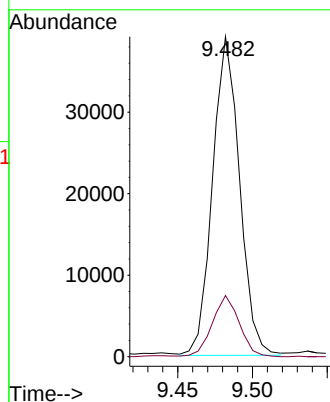
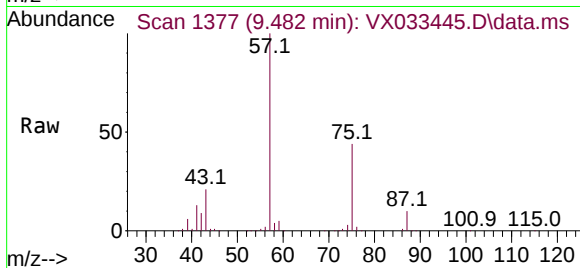
TP-S

Tgt Ion: 43 Resp: 49054

Ion Ratio Lower Upper

43 100

58 19.2 26.5 79.5#



#62

4-Bromofluorobenzene

Concen: 50.686 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX033445.D

Acq: 15 Dec 2022 16:22

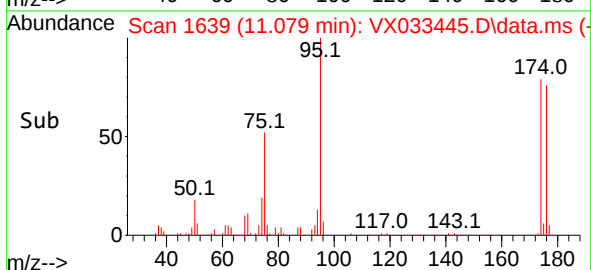
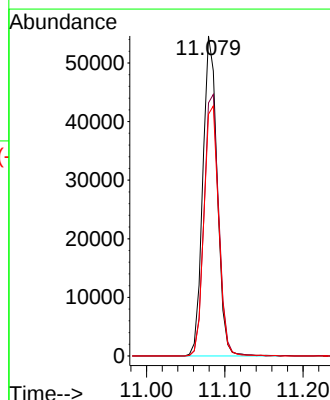
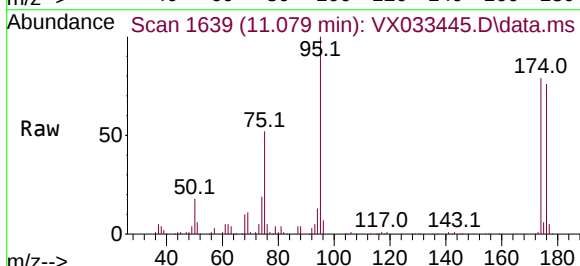
Tgt Ion: 95 Resp: 69609

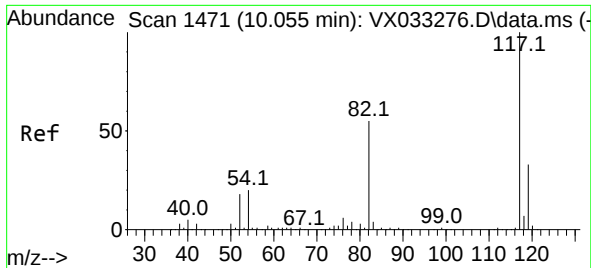
Ion Ratio Lower Upper

95 100

174 83.6 0.0 164.0

176 80.3 0.0 154.4

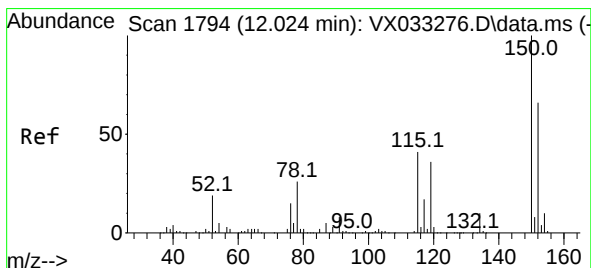
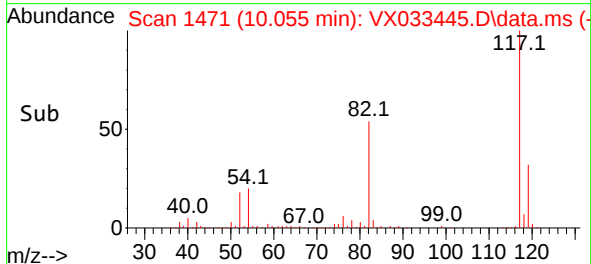
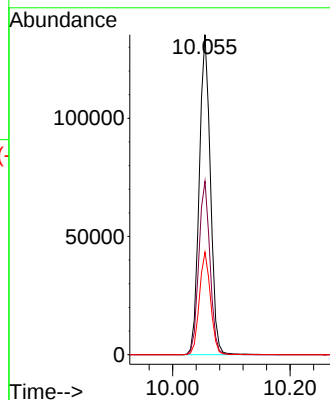
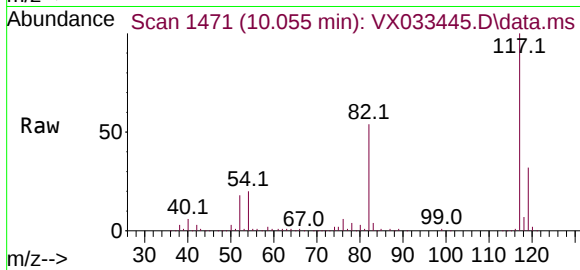




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033445.D
Acq: 15 Dec 2022 16:22

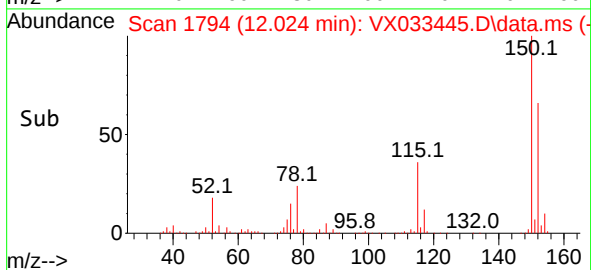
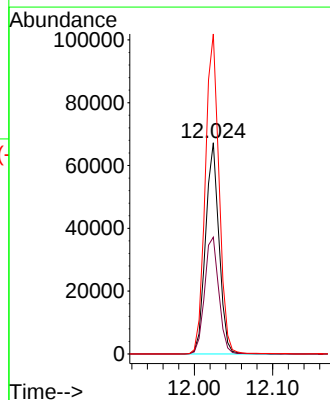
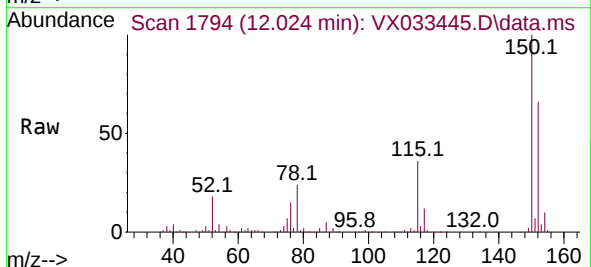
Instrument :
MSVOA_X
ClientSampleId :
TP-S

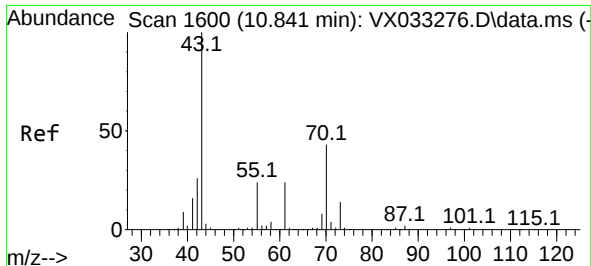
Tgt Ion:117 Resp: 178324
Ion Ratio Lower Upper
117 100
82 54.2 44.3 66.5
119 32.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033445.D
Acq: 15 Dec 2022 16:22

Tgt Ion:152 Resp: 79853
Ion Ratio Lower Upper
152 100
115 58.5 44.0 132.0
150 155.4 0.0 351.8

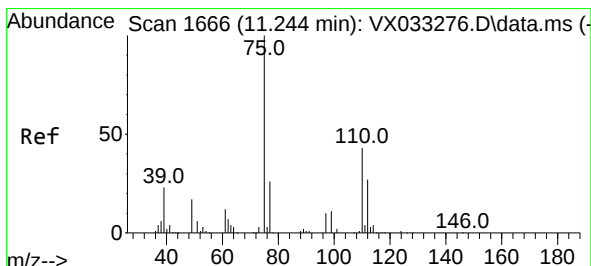
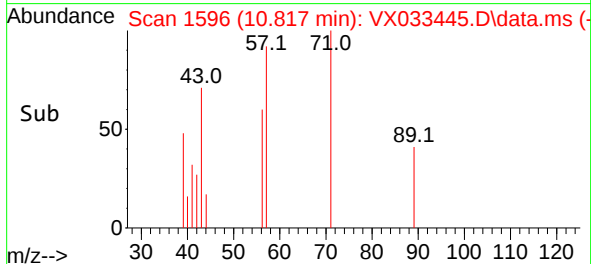
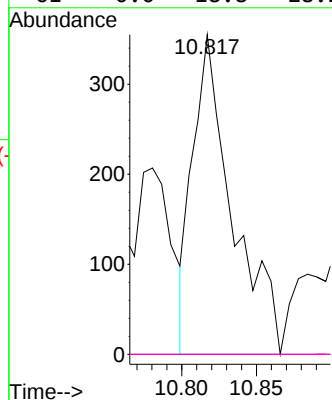
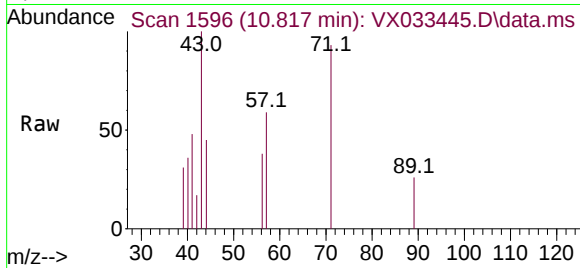




#74
N-amy1 acetate
Concen: 0.331 ug/l
RT: 10.817 min Scan# 1639
Delta R.T. -0.024 min
Lab File: VX033445.D
Acq: 15 Dec 2022 16:22

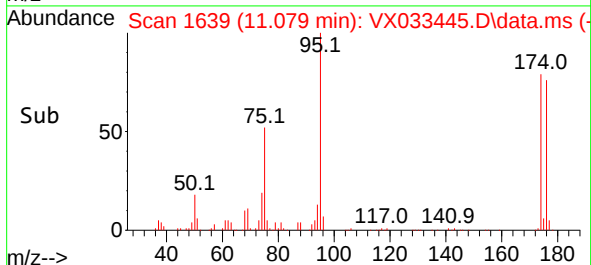
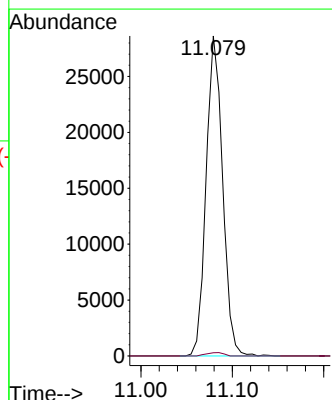
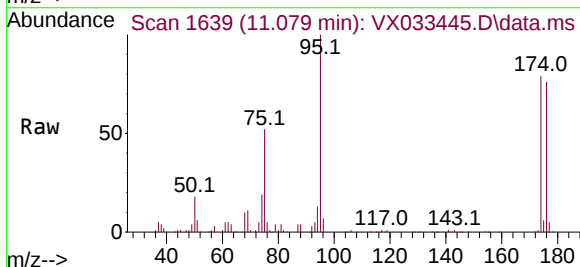
Instrument :
MSVOA_X
ClientSampleId :
TP-S

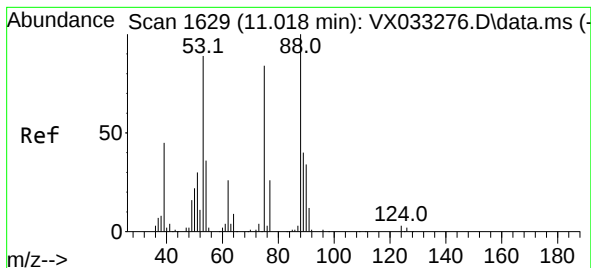
Tgt Ion: 43	Resp: 653
Ion Ratio	Lower Upper
43 100	
70 0.0	33.6 50.4#
55 0.0	19.4 29.2#
61 0.0	18.8 28.2#



#76
1,2,3-Trichloropropane
Concen: 22.009 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX033445.D
Acq: 15 Dec 2022 16:22

Tgt Ion: 75	Resp: 35757		
Ion Ratio	Lower	Upper	
75 100			
77 1.1	20.0	60.0#	





#81

trans-1,4-Dichloro-2-butene

Concen: 68.464 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.061 min

Lab File: VX033445.D

Acq: 15 Dec 2022 16:22

Instrument :

MSVOA_X

ClientSampleId :

TP-S

Tgt Ion: 75 Resp: 35757

Ion Ratio Lower Upper

75 100

53 0.0 86.9 130.3#

89 0.0 38.3 57.5#

