

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020822\
 Data File : VX026857.D
 Acq On : 09 Feb 2022 05:29
 Operator : JC/MD
 Sample : N1432-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-3

Quant Time: Feb 09 06:43:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	140609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	238860	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94608	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	92385	54.735	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.460%	
35) Dibromofluoromethane	5.391	113	74356	52.250	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.500%	
50) Toluene-d8	8.653	98	281881	53.962	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.920%	
62) 4-Bromofluorobenzene	11.079	95	104888	57.032	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 114.060%	

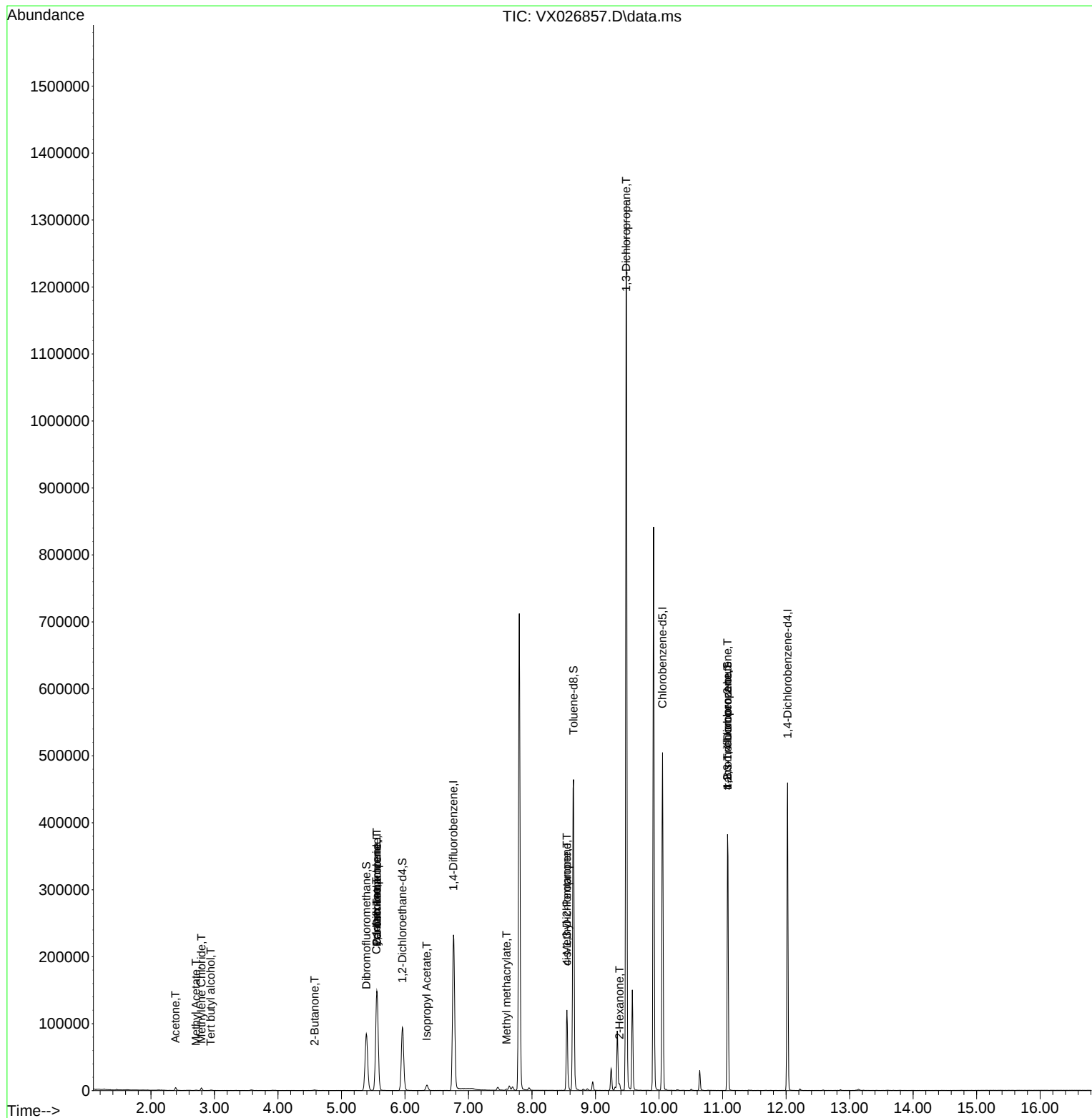
Target Compounds			Qvalue			
6) Chloroethane	1.727	64	19	Below Cal	#	43
11) Tert butyl alcohol	2.941	59	462	1.515	ug/l #	75
16) Acetone	2.386	43	4932	6.653	ug/l	93
18) Methyl Acetate	2.709	43	909	0.426	ug/l #	65
20) Methylene Chloride	2.794	84	1641	1.022	ug/l	98
25) 2-Butanone	4.574	43	1097	0.918	ug/l	99
31) Cyclohexane	5.550	56	2962	1.104	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10842	4.829	ug/l #	51
38) Carbon Tetrachloride	5.556	117	14726	6.255	ug/l #	17
43) Isopropyl Acetate	6.342	43	11438	2.914	ug/l	100
48) Methyl methacrylate	7.598	41	3241	1.666	ug/l #	16
51) 4-Methyl-2-Pentanone	8.549	43	40861	17.177	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	18655	7.701	ug/l #	58
57) 1,3-Dichloropropane	9.482	76	11348	4.214	ug/l #	43
59) 2-Hexanone	9.378	43	5615	3.227	ug/l #	25
76) 1,2,3-Trichloropropane	11.079	75	52015	25.116	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	52015	76.593	ug/l #	3

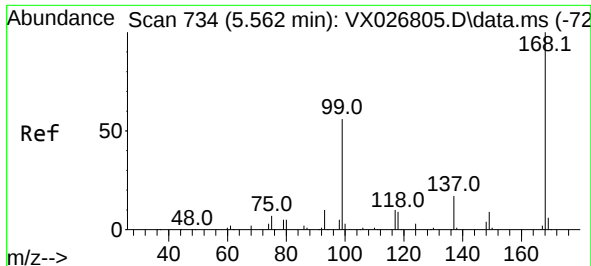
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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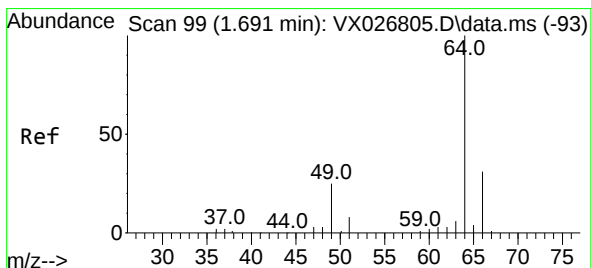
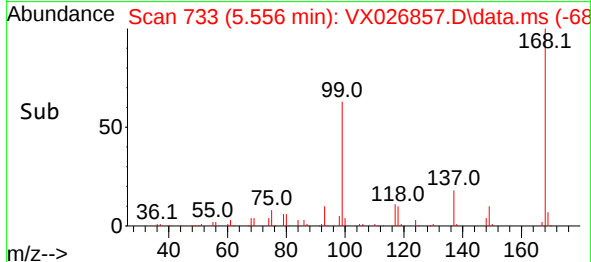
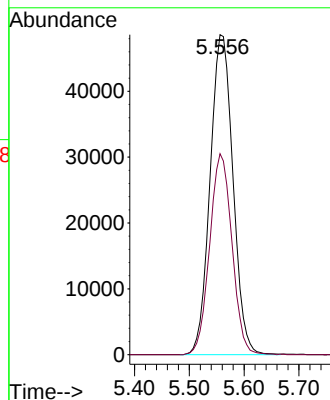
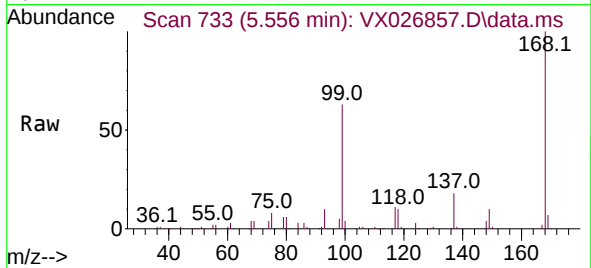




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX026857.D
Acq: 09 Feb 2022 05:29

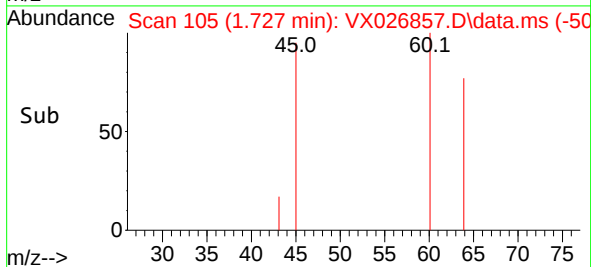
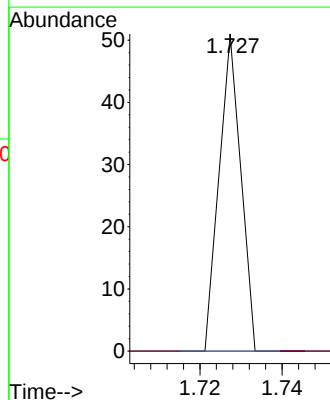
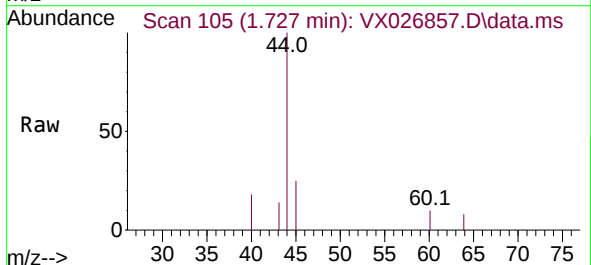
Instrument :
MSVOA_X
ClientSampleId :
SP-3

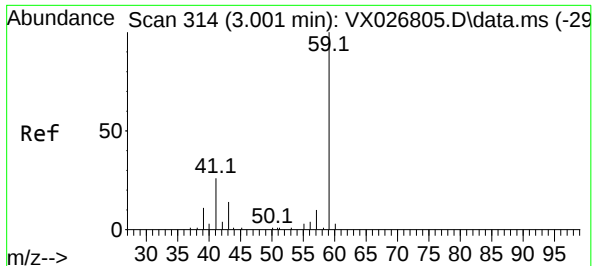
Tgt Ion:168 Resp: 140609
Ion Ratio Lower Upper
168 100
99 62.8 50.3 75.5



#6
Chloroethane
Concen: Below Cal
RT: 1.727 min Scan# 105
Delta R.T. 0.036 min
Lab File: VX026857.D
Acq: 09 Feb 2022 05:29

Tgt Ion: 64 Resp: 19
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#





#11

Tert butyl alcohol

Concen: 1.515 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.060 min

Lab File: VX026857.D

Acq: 09 Feb 2022 05:29

Instrument :

MSVOA_X

ClientSampleId :

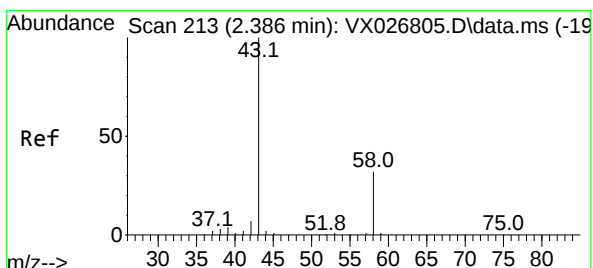
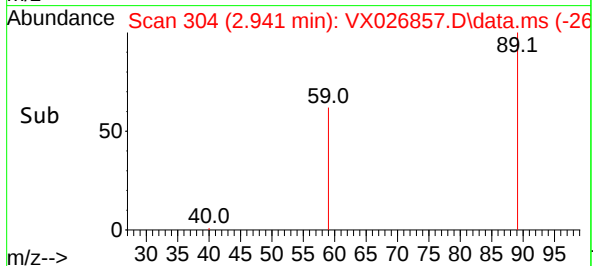
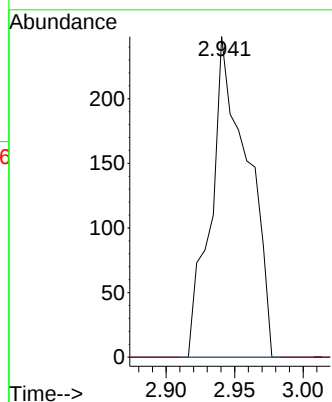
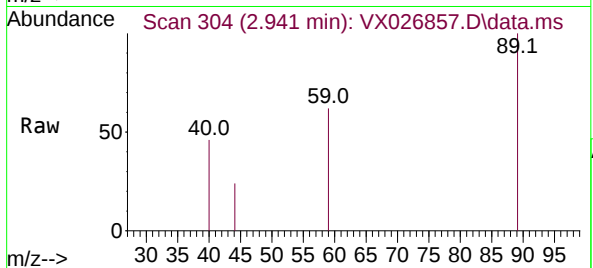
SP-3

Tgt Ion: 59 Resp: 462

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#16

Acetone

Concen: 6.653 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX026857.D

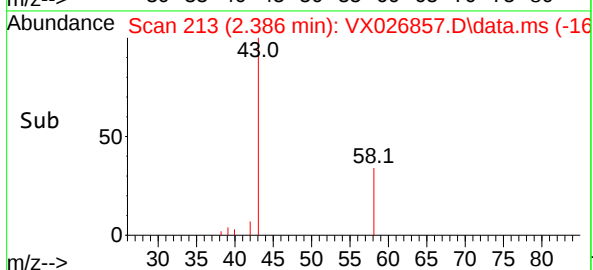
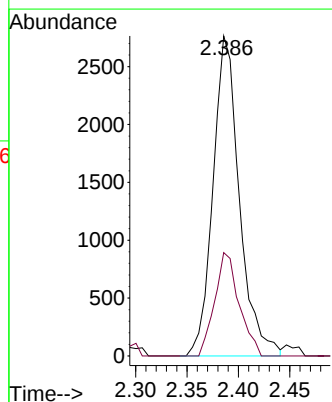
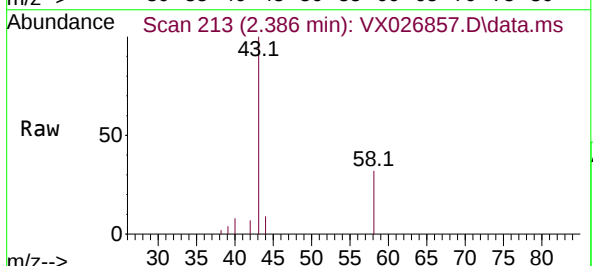
Acq: 09 Feb 2022 05:29

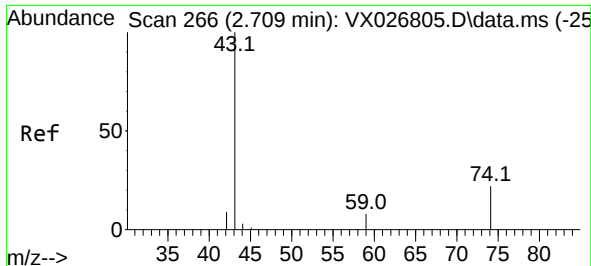
Tgt Ion: 43 Resp: 4932

Ion Ratio Lower Upper

43 100

58 32.3 23.0 34.6

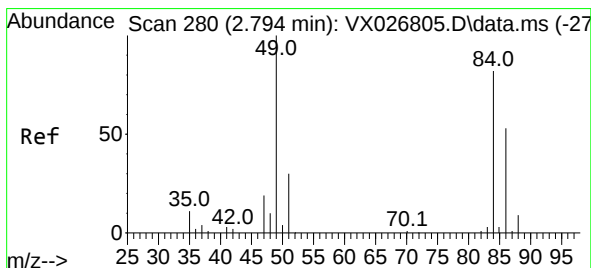
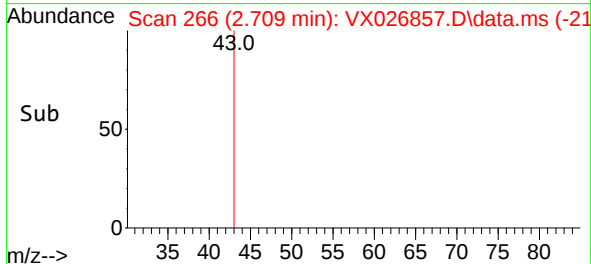
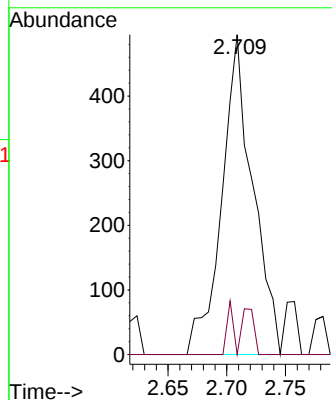
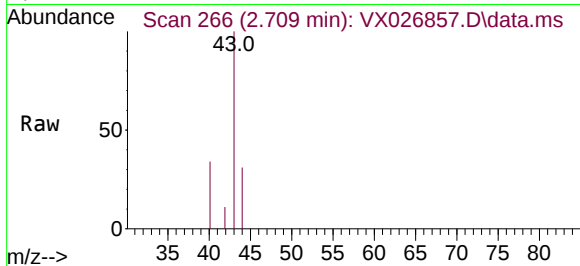




#18
Methyl Acetate
Concen: 0.426 ug/l
RT: 2.709 min Scan# 209
Delta R.T. 0.000 min
Lab File: VX026857.D
Acq: 09 Feb 2022 05:29

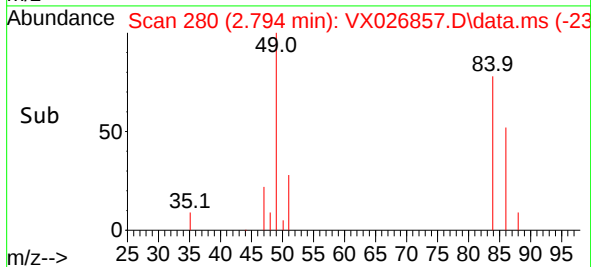
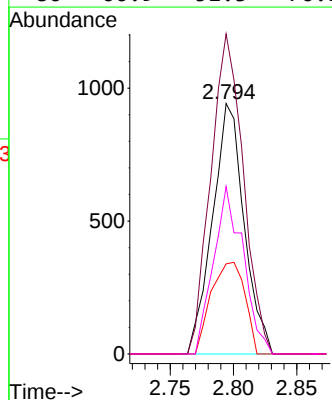
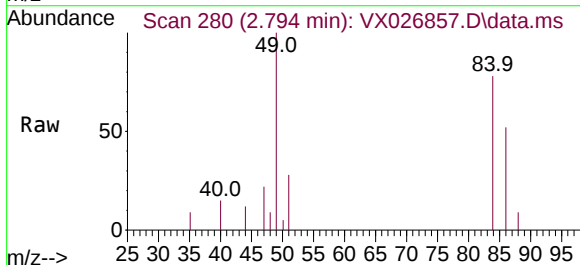
Instrument :
MSVOA_X
ClientSampleId :
SP-3

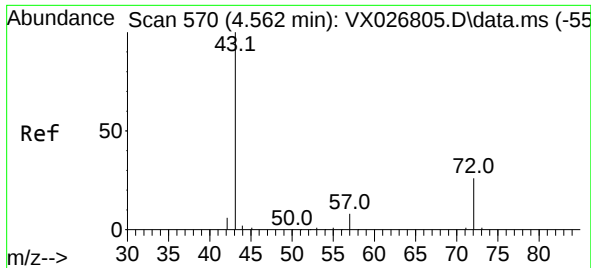
Tgt Ion: 43 Resp: 909
Ion Ratio Lower Upper
43 100
74 5.7 18.3 27.5#



#20
Methylene Chloride
Concen: 1.022 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX026857.D
Acq: 09 Feb 2022 05:29

Tgt Ion: 84 Resp: 1641
Ion Ratio Lower Upper
84 100
49 127.8 101.5 152.3
51 36.0 31.2 46.8
86 66.9 51.3 76.9

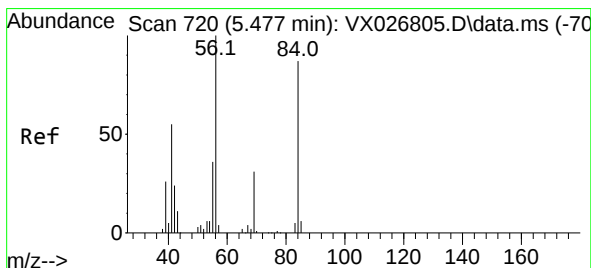
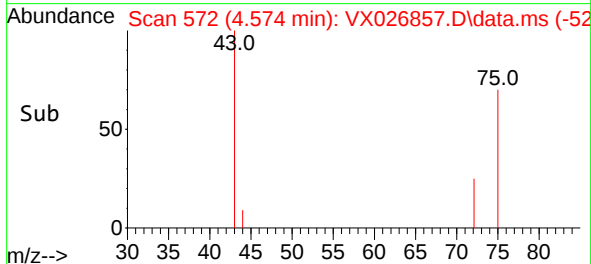
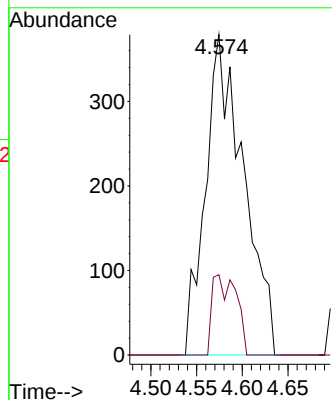
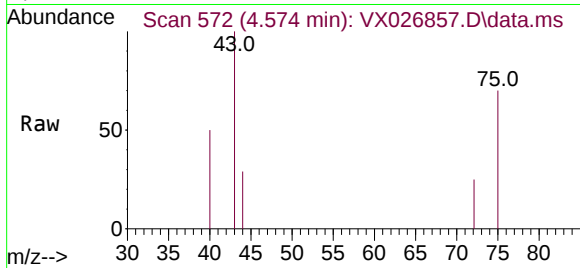




#25
2-Butanone
Concen: 0.918 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX026857.D
Acq: 09 Feb 2022 05:29

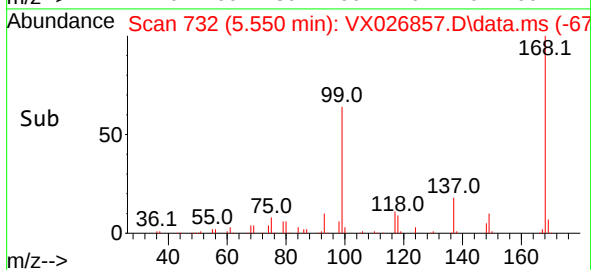
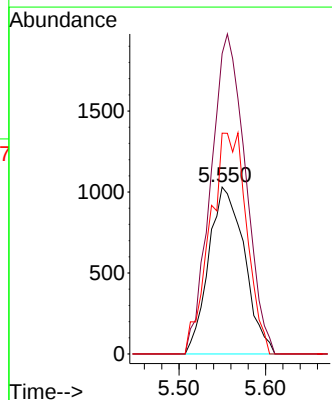
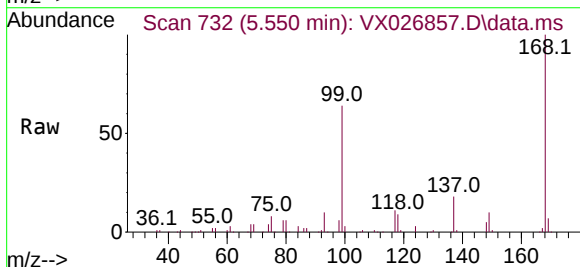
Instrument :
MSVOA_X
ClientSampleId :
SP-3

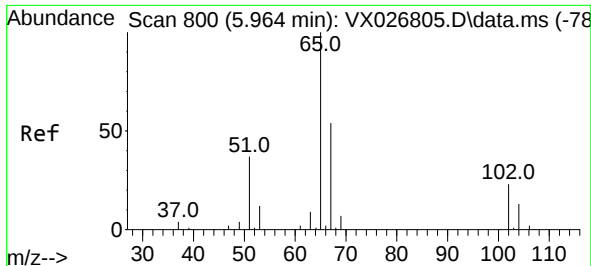
Tgt Ion: 43 Resp: 1097
Ion Ratio Lower Upper
43 100
72 25.1 20.4 30.6



#31
Cyclohexane
Concen: 1.104 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX026857.D
Acq: 09 Feb 2022 05:29

Tgt Ion: 56 Resp: 2962
Ion Ratio Lower Upper
56 100
69 179.9 25.8 38.6#
84 132.3 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 54.735 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026857.D

Acq: 09 Feb 2022 05:29

Instrument :

MSVOA_X

ClientSampleId :

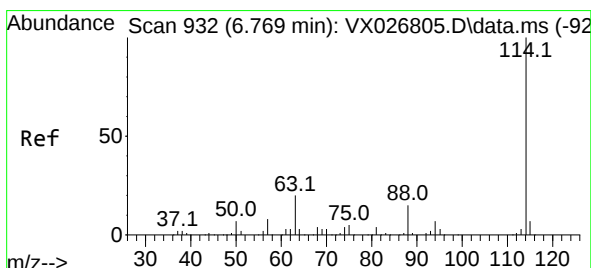
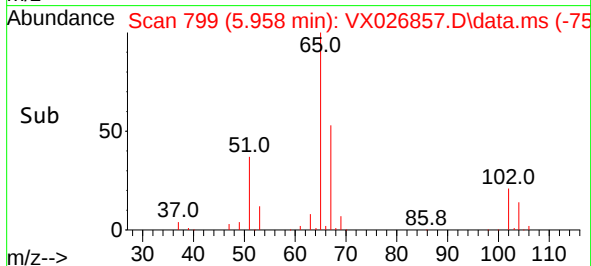
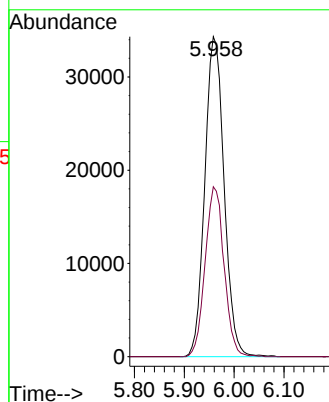
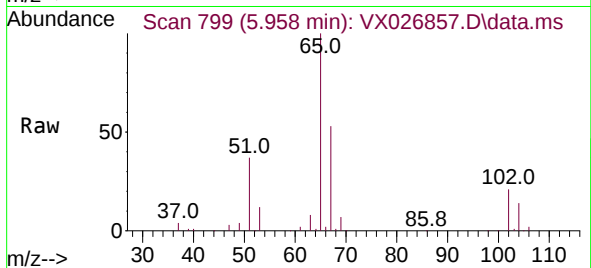
SP-3

Tgt Ion: 65 Resp: 92385

Ion Ratio Lower Upper

65 100

67 52.1 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX026857.D

Acq: 09 Feb 2022 05:29

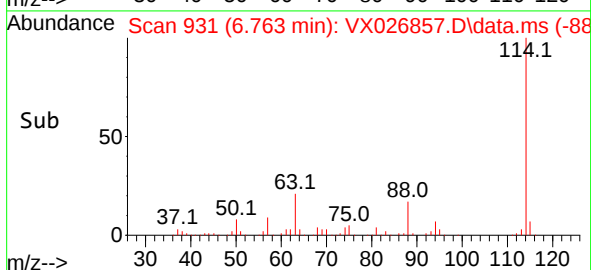
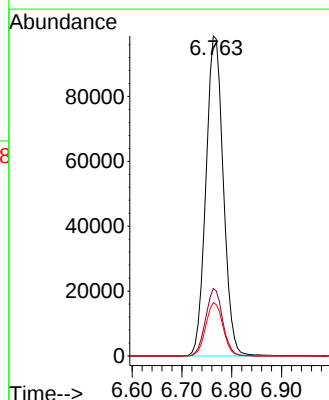
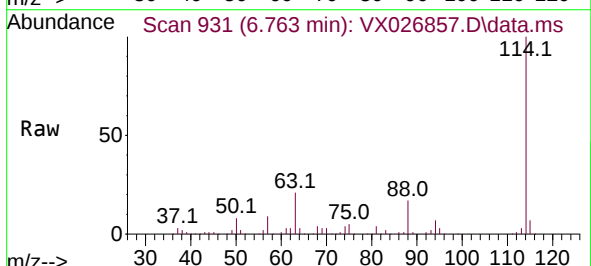
Tgt Ion: 114 Resp: 238860

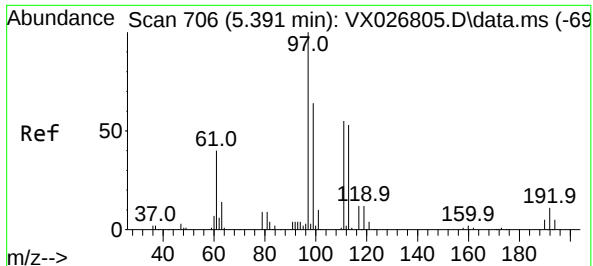
Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.8

88 16.7 0.0 33.0





#35

Dibromofluoromethane

Concen: 52.250 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026857.D

Acq: 09 Feb 2022 05:29

Instrument :

MSVOA_X

ClientSampleId :

SP-3

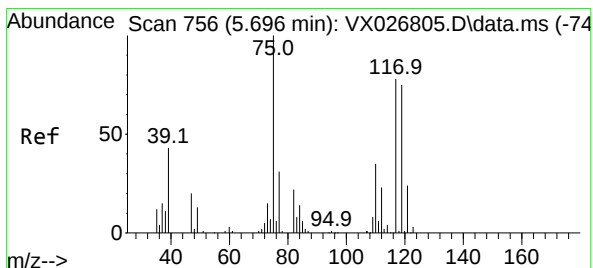
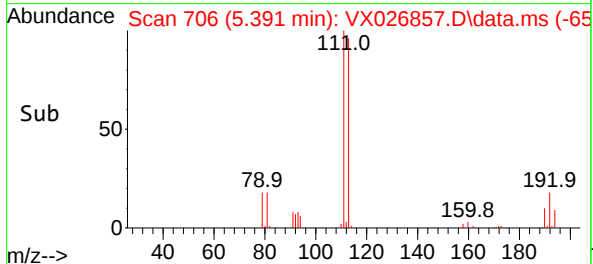
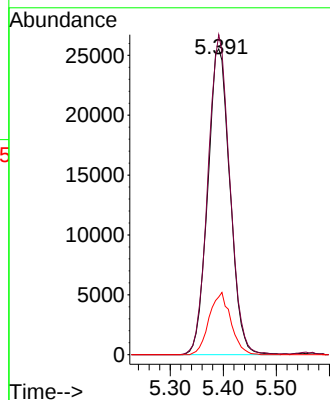
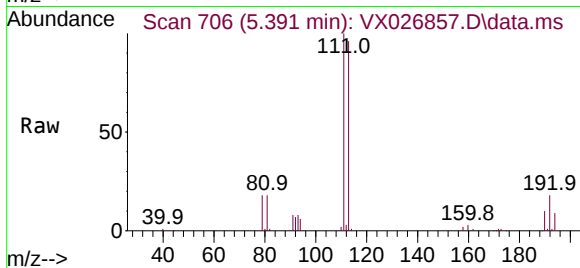
Tgt Ion:113 Resp: 74356

Ion Ratio Lower Upper

113 100

111 103.3 81.2 121.8

192 19.8 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.829 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX026857.D

Acq: 09 Feb 2022 05:29

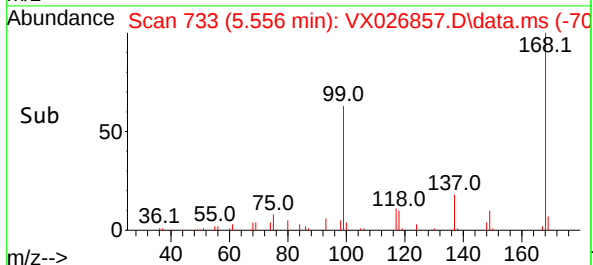
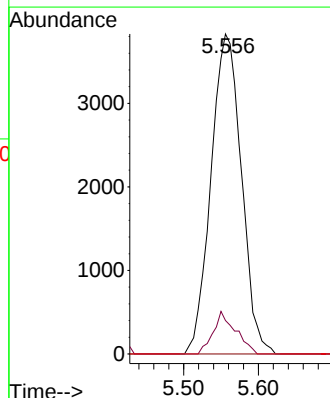
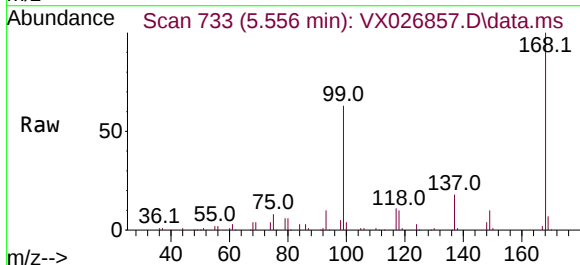
Tgt Ion: 75 Resp: 10842

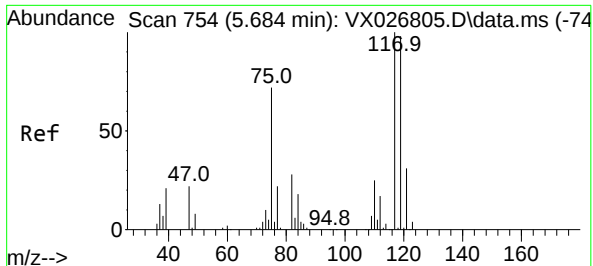
Ion Ratio Lower Upper

75 100

110 9.8 17.2 51.6#

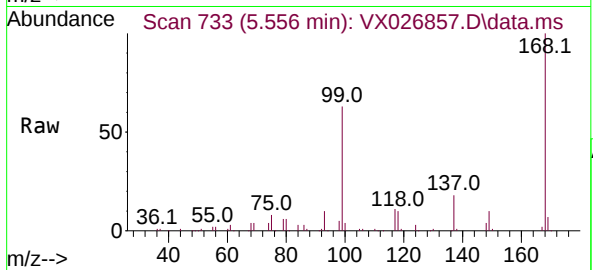
77 0.0 24.6 36.8#



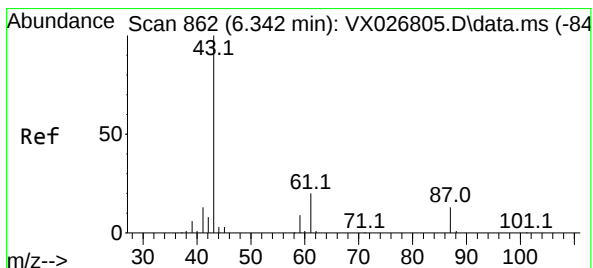
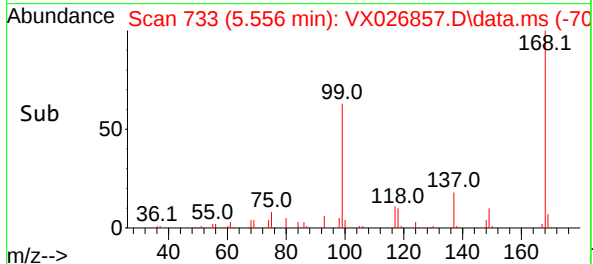
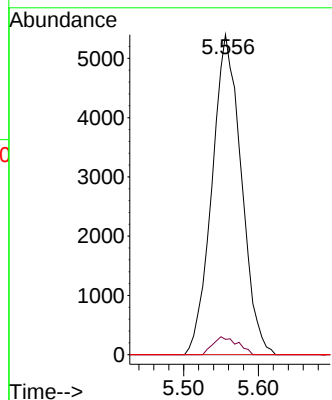


#38
Carbon Tetrachloride
Concen: 6.255 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX026857.D
Acq: 09 Feb 2022 05:29

Instrument :
MSVOA_X
ClientSampleId :
SP-3

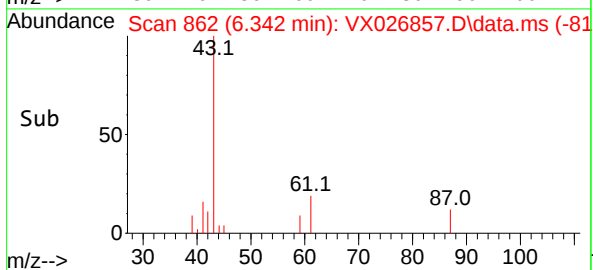
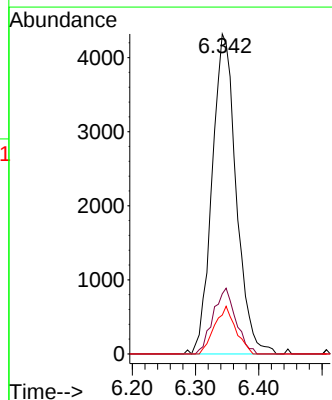
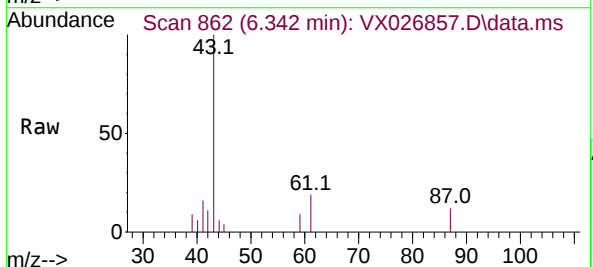


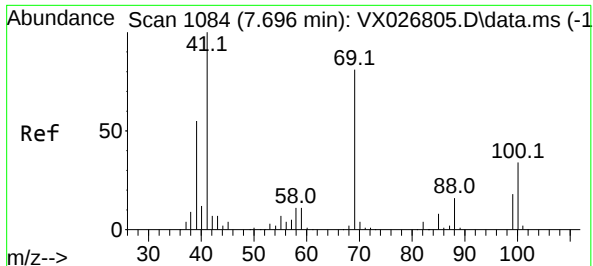
Tgt Ion:117 Resp: 14726
Ion Ratio Lower Upper
117 100
119 4.8 74.7 112.1#
121 0.0 25.4 38.0#



#43
Isopropyl Acetate
Concen: 2.914 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX026857.D
Acq: 09 Feb 2022 05:29

Tgt Ion: 43 Resp: 11438
Ion Ratio Lower Upper
43 100
61 19.3 15.4 23.0
87 13.0 10.2 15.2





#48

Methyl methacrylate

Concen: 1.666 ug/l

RT: 7.598 min Scan# 1068

Delta R.T. -0.097 min

Lab File: VX026857.D

Acq: 09 Feb 2022 05:29

Instrument :

MSVOA_X

ClientSampleId :

SP-3

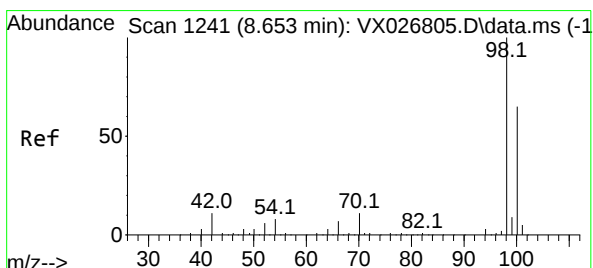
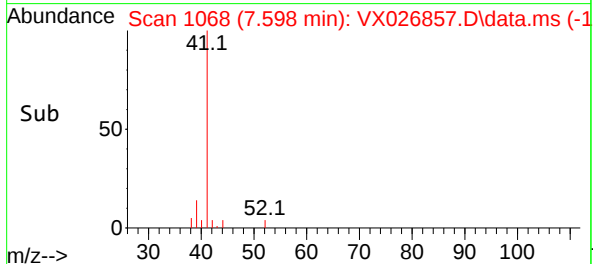
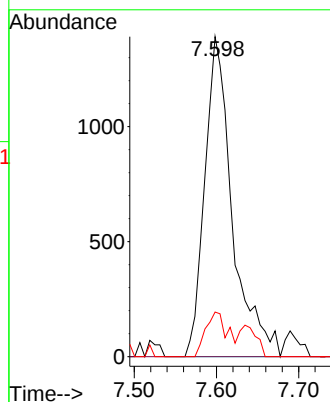
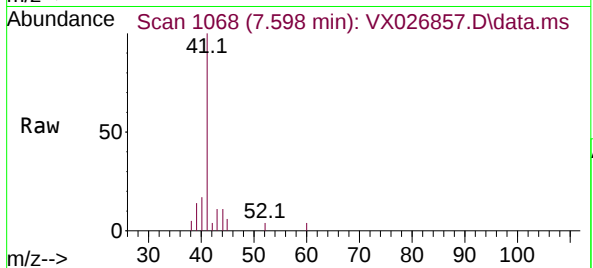
Tgt Ion: 41 Resp: 3241

Ion Ratio Lower Upper

41 100

69 0.0 62.2 93.4#

39 0.0 45.4 68.0#



#50

Toluene-d8

Concen: 53.962 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX026857.D

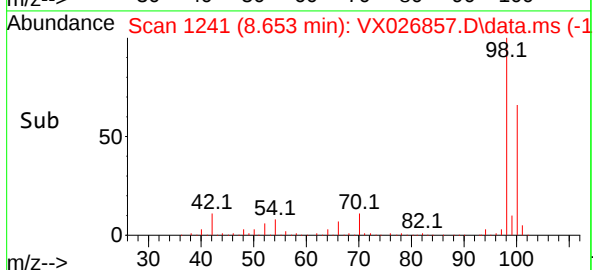
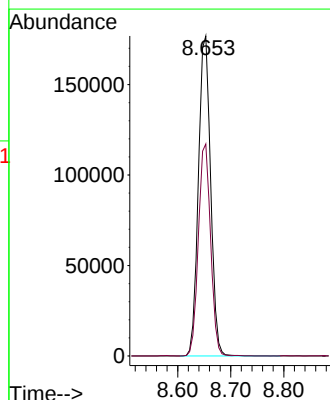
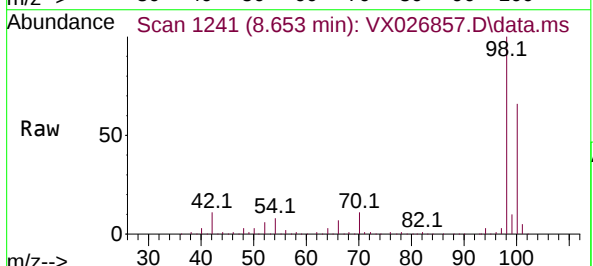
Acq: 09 Feb 2022 05:29

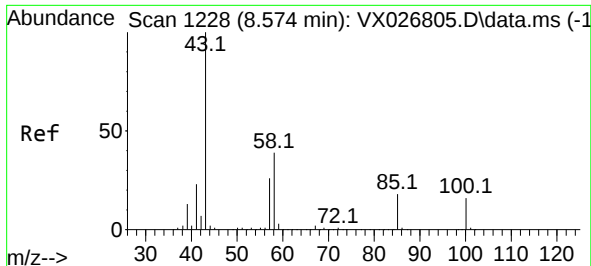
Tgt Ion: 98 Resp: 281881

Ion Ratio Lower Upper

98 100

100 66.4 53.2 79.8

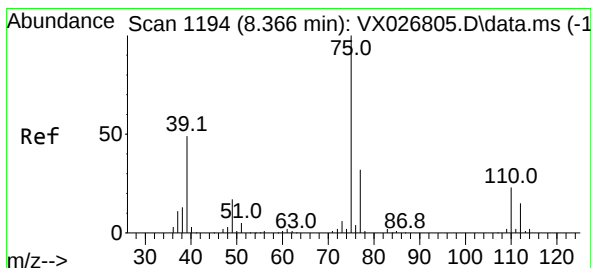
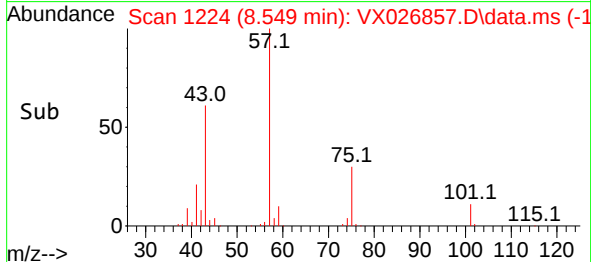
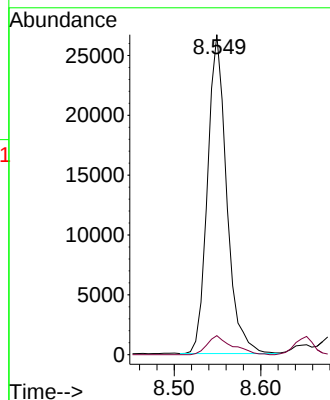
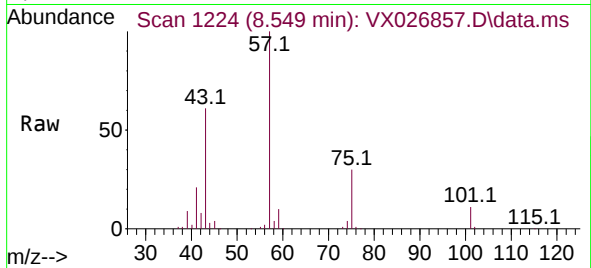




#51
4-Methyl-2-Pentanone
Concen: 17.177 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX026857.D
Acq: 09 Feb 2022 05:29

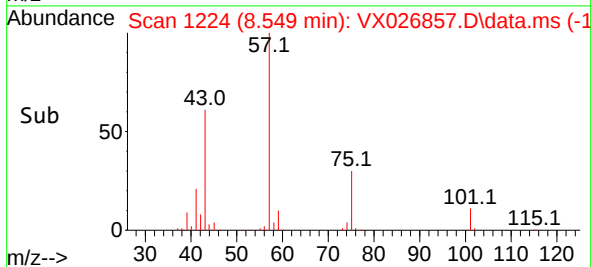
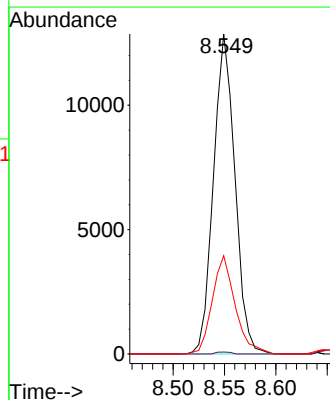
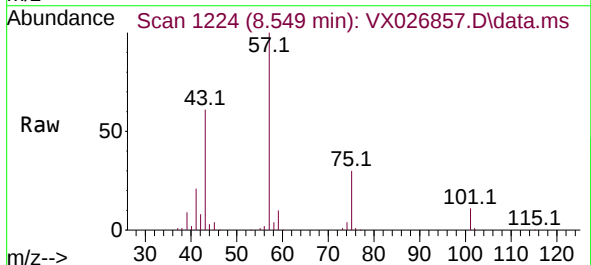
Instrument :
MSVOA_X
ClientSampleId :
SP-3

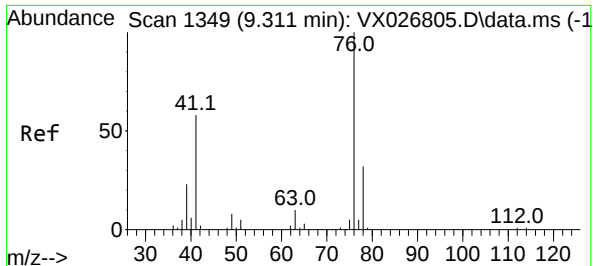
Tgt Ion: 43 Resp: 40861
Ion Ratio Lower Upper
43 100
58 7.7 30.5 45.7#



#54
cis-1,3-Dichloropropene
Concen: 7.701 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX026857.D
Acq: 09 Feb 2022 05:29

Tgt Ion: 75 Resp: 18655
Ion Ratio Lower Upper
75 100
77 0.6 26.2 39.2#
39 30.7 43.5 65.3#





#57

1,3-Dichloropropane

Concen: 4.214 ug/l

RT: 9.482 min Scan# 11

Delta R.T. 0.171 min

Lab File: VX026857.D

Acq: 09 Feb 2022 05:29

Instrument :

MSVOA_X

ClientSampleId :

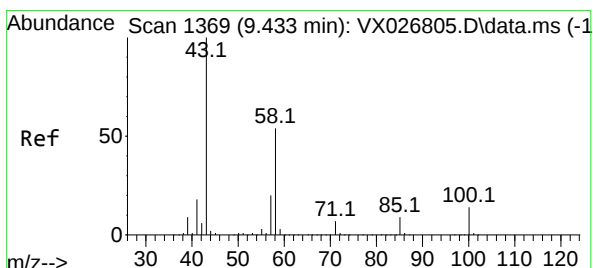
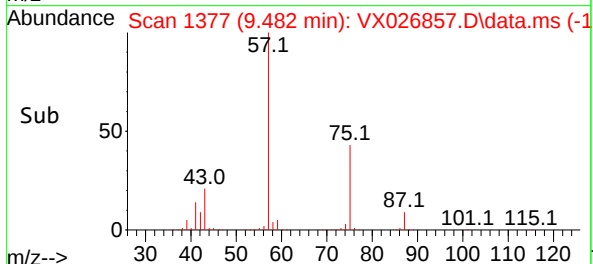
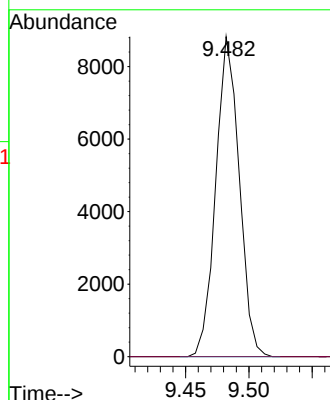
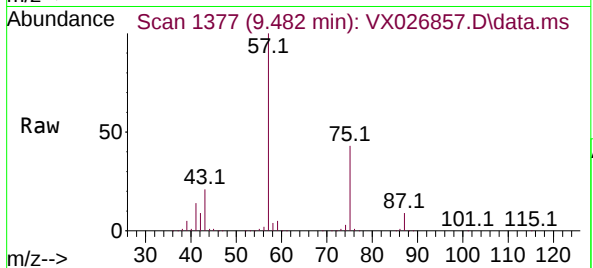
SP-3

Tgt Ion: 76 Resp: 11348

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#



#59

2-Hexanone

Concen: 3.227 ug/l

RT: 9.378 min Scan# 1360

Delta R.T. -0.055 min

Lab File: VX026857.D

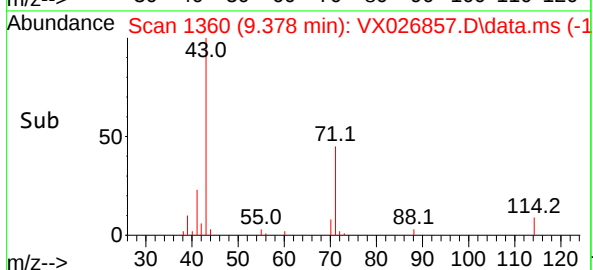
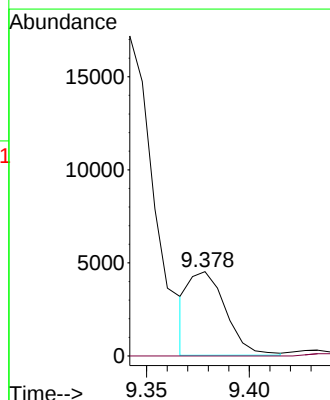
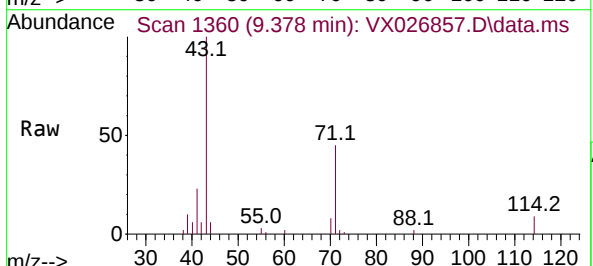
Acq: 09 Feb 2022 05:29

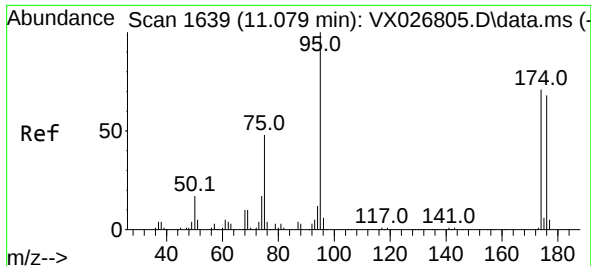
Tgt Ion: 43 Resp: 5615

Ion Ratio Lower Upper

43 100

58 0.0 26.4 79.2#





#62

4-Bromofluorobenzene

Concen: 57.032 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX026857.D

Acq: 09 Feb 2022 05:29

Instrument :

MSVOA_X

ClientSampleId :

SP-3

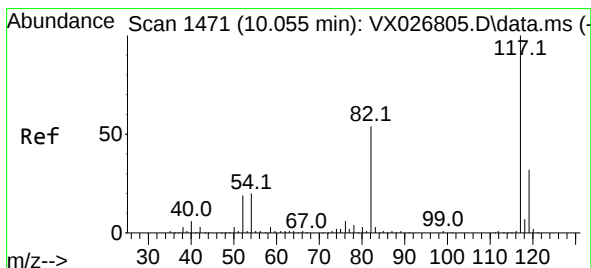
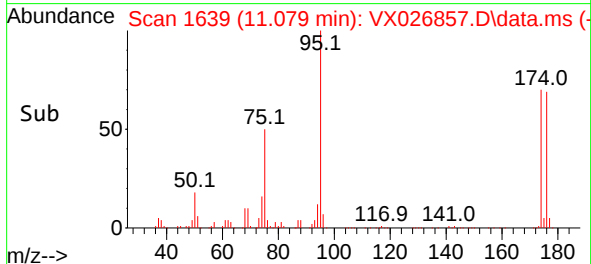
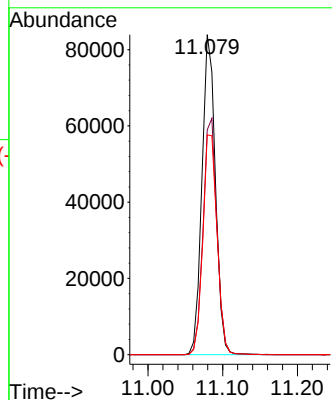
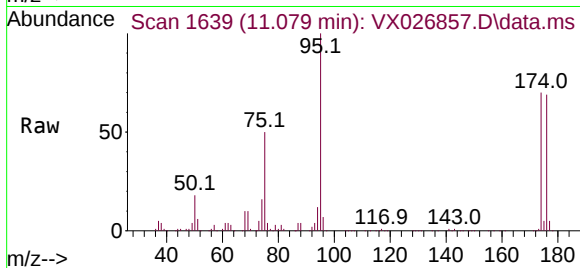
Tgt Ion: 95 Resp: 104888

Ion Ratio Lower Upper

95 100

174 75.7 0.0 148.6

176 72.7 0.0 141.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX026857.D

Acq: 09 Feb 2022 05:29

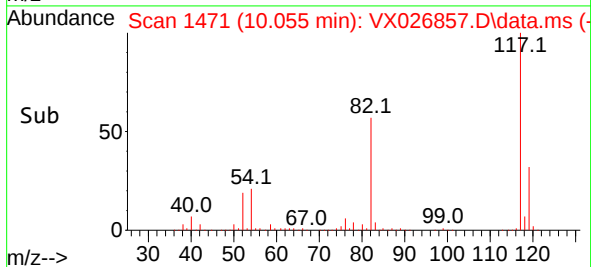
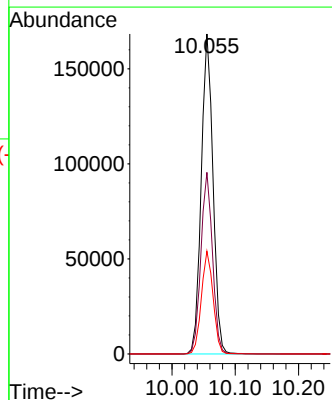
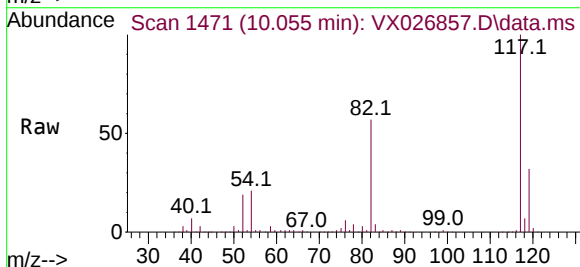
Tgt Ion: 117 Resp: 217648

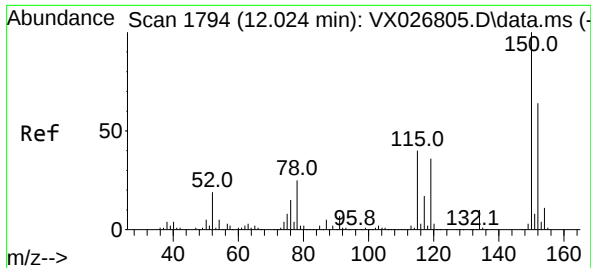
Ion Ratio Lower Upper

117 100

82 56.8 45.2 67.8

119 32.1 26.2 39.2

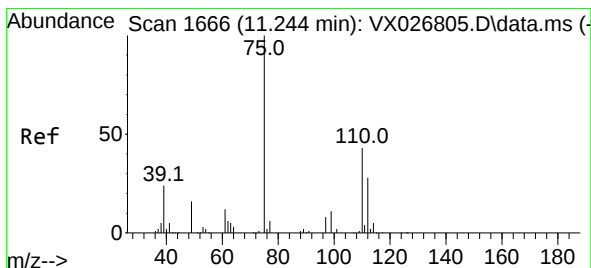
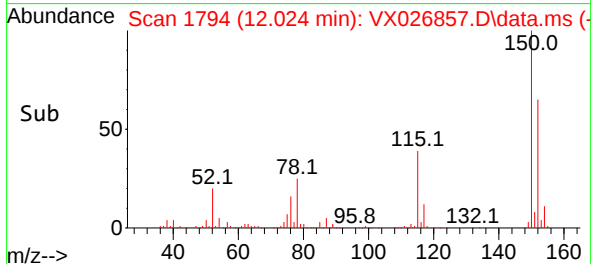
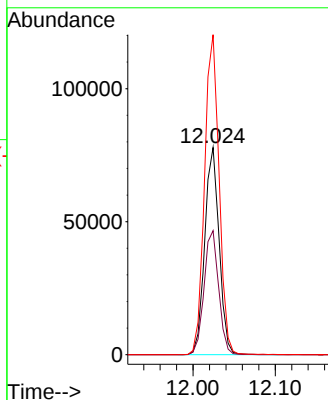
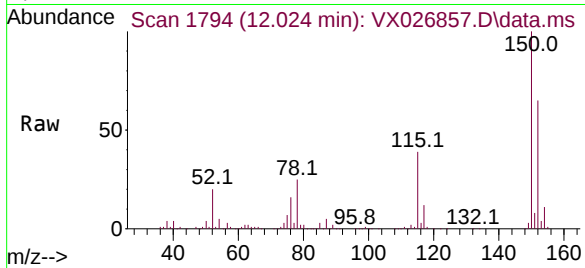




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026857.D
 Acq: 09 Feb 2022 05:29

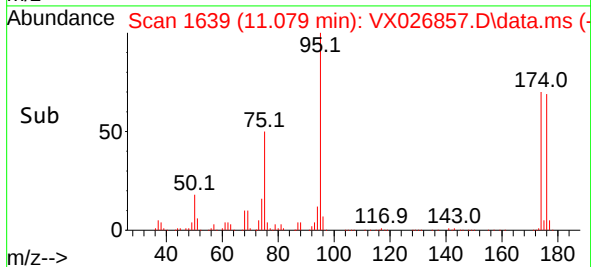
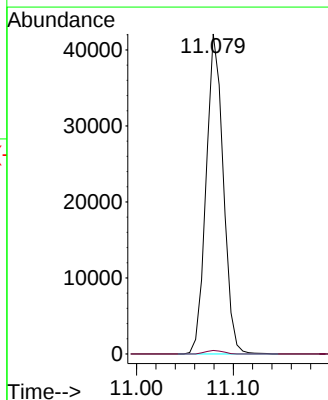
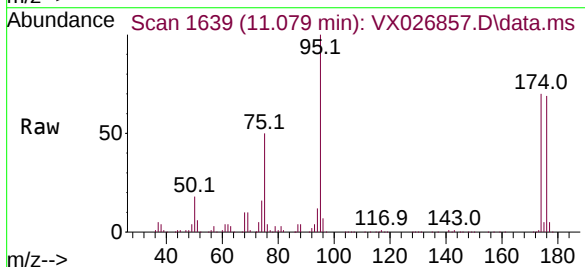
Instrument :
 MSVOA_X
 ClientSampleId :
 SP-3

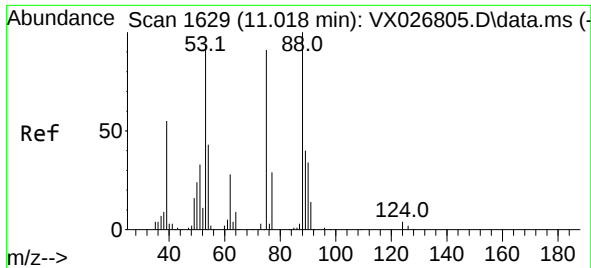
Tgt Ion:152 Resp: 94608
 Ion Ratio Lower Upper
 152 100
 115 60.7 44.2 132.6
 150 156.2 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 25.116 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.164 min
 Lab File: VX026857.D
 Acq: 09 Feb 2022 05:29

Tgt Ion: 75 Resp: 52015
 Ion Ratio Lower Upper
 75 100
 77 1.1 18.3 54.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.593 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026857.D
 Acq: 09 Feb 2022 05:29

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-3

Tgt Ion: 75 Resp: 52015
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

