

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020822\
 Data File : VX026856.D
 Acq On : 09 Feb 2022 05:06
 Operator : JC/MD
 Sample : N1432-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-2

Quant Time: Feb 09 06:43:27 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)

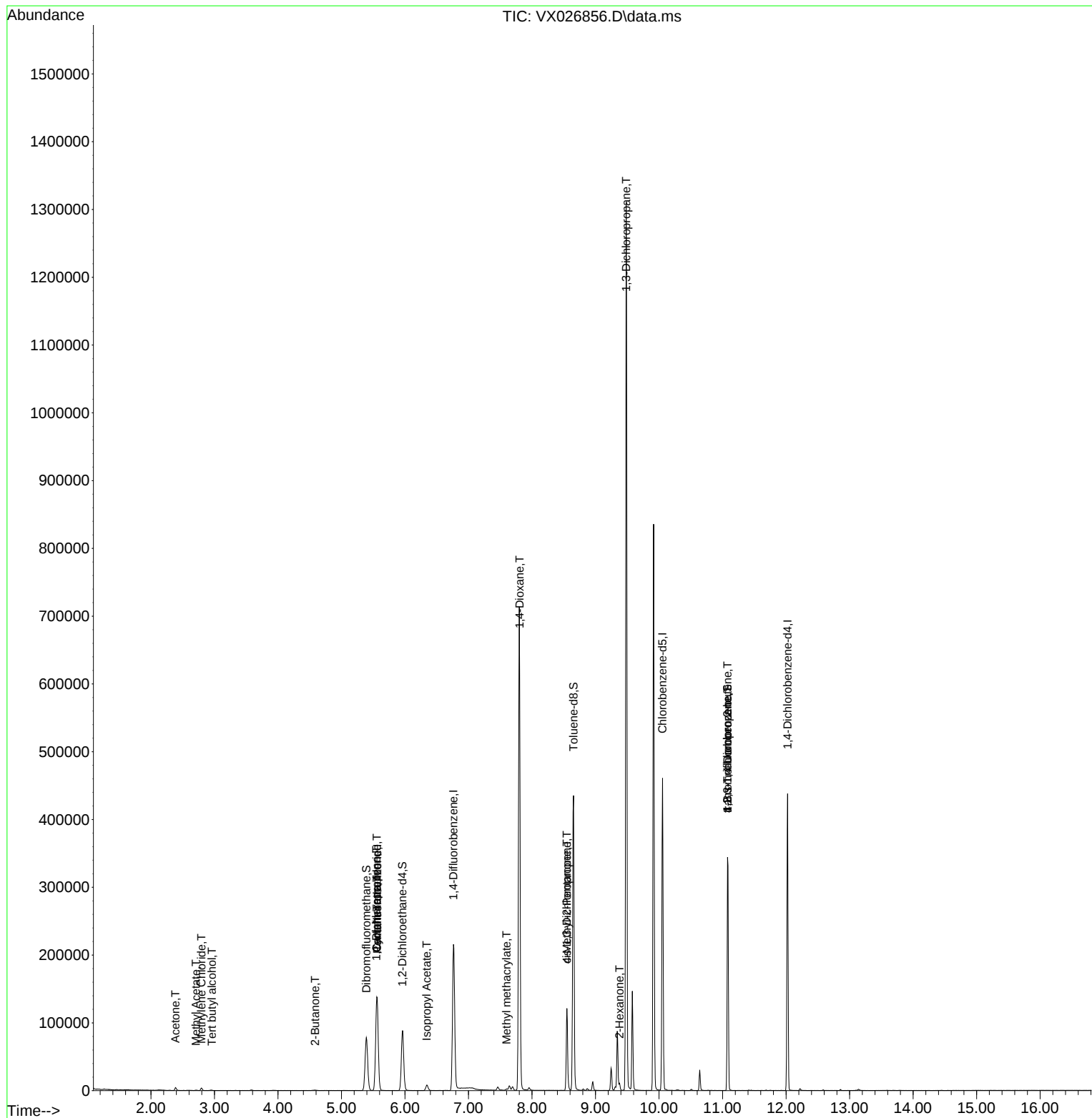
Internal Standards						
1) Pentafluorobenzene	5.562	168	132141	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	221069	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87662	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85376	53.824	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.640%	
35) Dibromofluoromethane	5.391	113	68821	52.253	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.500%	
50) Toluene-d8	8.653	98	261277	54.043	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 108.080%	
62) 4-Bromofluorobenzene	11.079	95	97691	57.394	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 114.780%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.672	64	48	Below Cal	#	43
11) Tert butyl alcohol	2.959	59	425	1.483	ug/l #	75
16) Acetone	2.386	43	4994	7.168	ug/l	100
18) Methyl Acetate	2.709	43	865	0.432	ug/l #	83
20) Methylene Chloride	2.794	84	1786	1.183	ug/l	93
25) 2-Butanone	4.587	43	1067	0.951	ug/l #	82
31) Cyclohexane	5.556	56	2597	1.030	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10144	4.882	ug/l #	50
38) Carbon Tetrachloride	5.556	117	13588	6.236	ug/l #	17
43) Isopropyl Acetate	6.342	43	11416	3.142	ug/l	99
48) Methyl methacrylate	7.598	41	3385	1.880	ug/l #	16
49) 1,4-Dioxane	7.806	88	49	1.580	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	41539	18.867	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	19081	8.511	ug/l #	58
57) 1,3-Dichloropropane	9.482	76	11558	4.637	ug/l #	43
59) 2-Hexanone	9.378	43	5437	3.376	ug/l #	25
76) 1,2,3-Trichloropropane	11.079	75	48177	25.106	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	48177	76.564	ug/l #	3

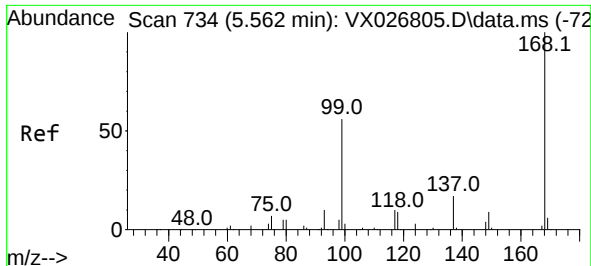
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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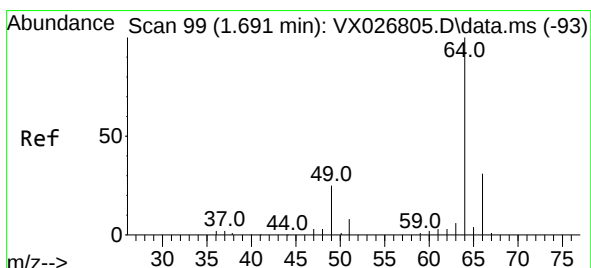
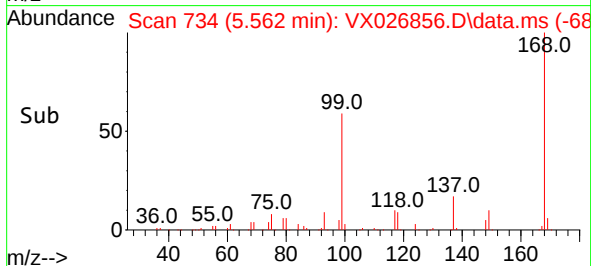
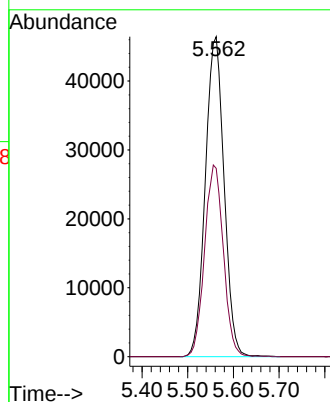
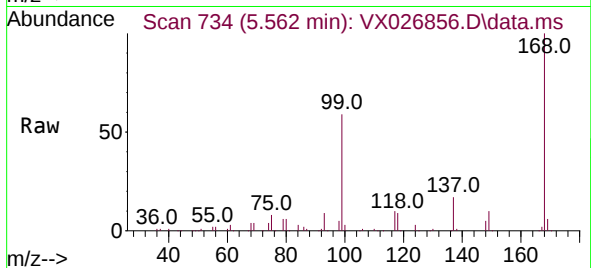




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX026856.D
Acq: 09 Feb 2022 05:06

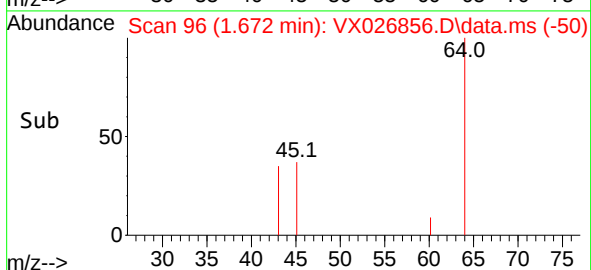
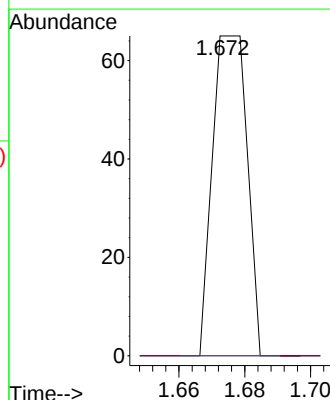
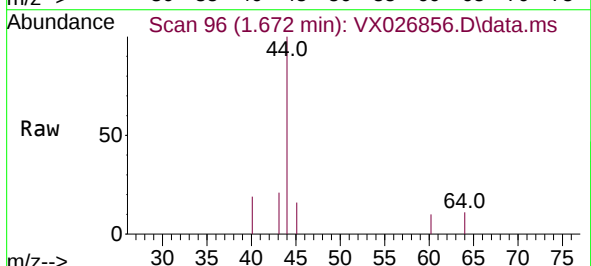
Instrument :
MSVOA_X
ClientSampleId :
SP-2

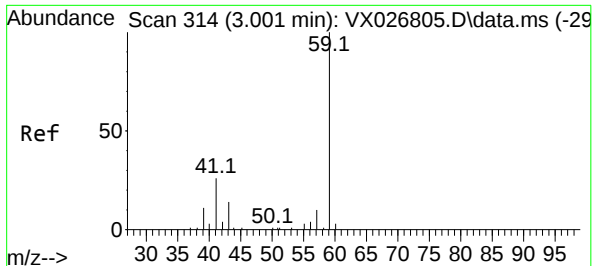
Tgt Ion:168 Resp: 132141
Ion Ratio Lower Upper
168 100
99 58.8 50.3 75.5



#6
Chloroethane
Concen: Below Cal
RT: 1.672 min Scan# 96
Delta R.T. -0.019 min
Lab File: VX026856.D
Acq: 09 Feb 2022 05:06

Tgt Ion: 64 Resp: 48
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#





#11

Tert butyl alcohol

Concen: 1.483 ug/l

RT: 2.959 min Scan# 307

Delta R.T. -0.042 min

Lab File: VX026856.D

Acq: 09 Feb 2022 05:06

Instrument :

MSVOA_X

ClientSampleId :

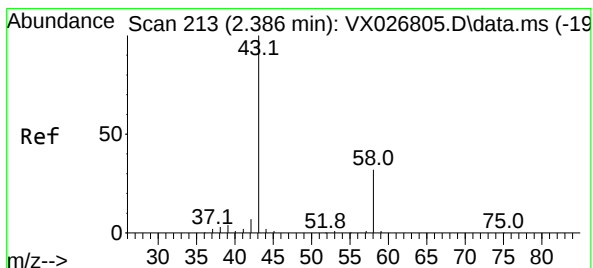
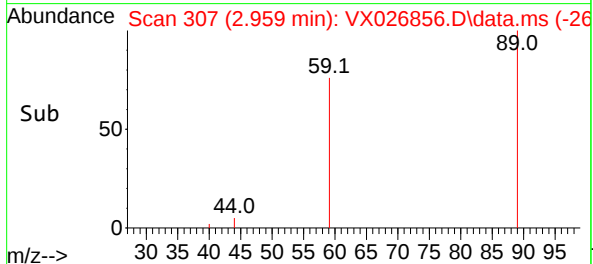
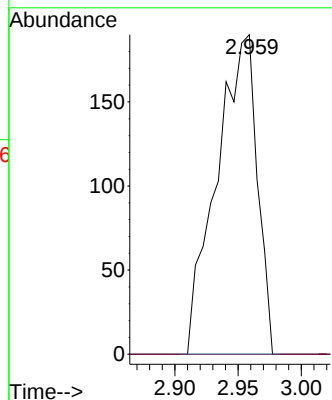
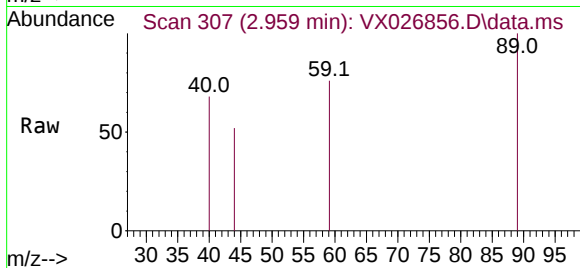
SP-2

Tgt Ion: 59 Resp: 425

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#16

Acetone

Concen: 7.168 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX026856.D

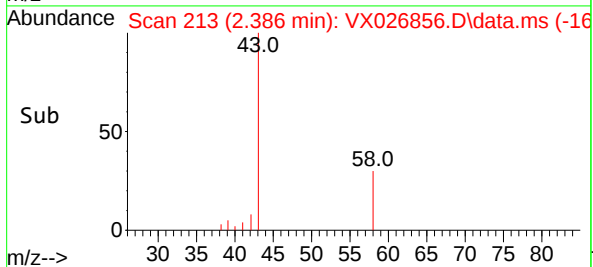
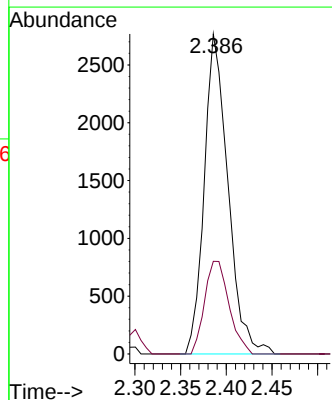
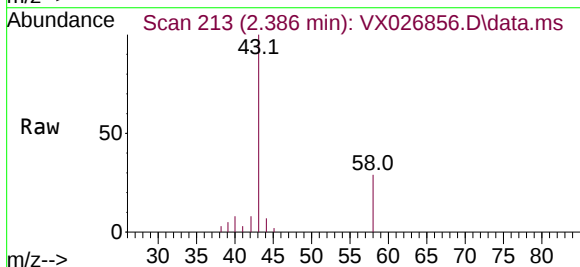
Acq: 09 Feb 2022 05:06

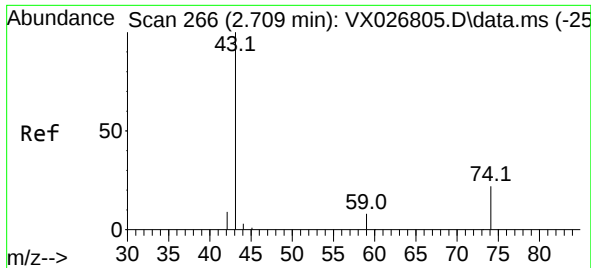
Tgt Ion: 43 Resp: 4994

Ion Ratio Lower Upper

43 100

58 29.0 23.0 34.6

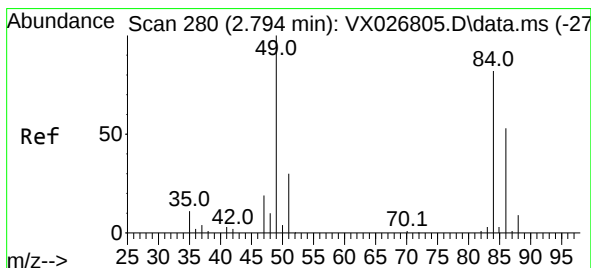
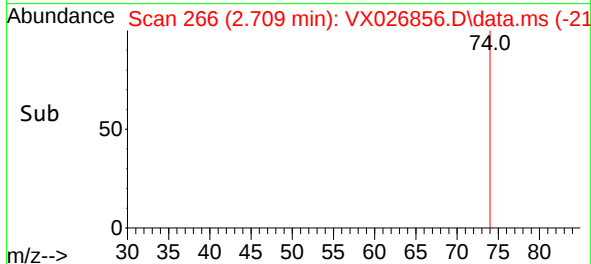
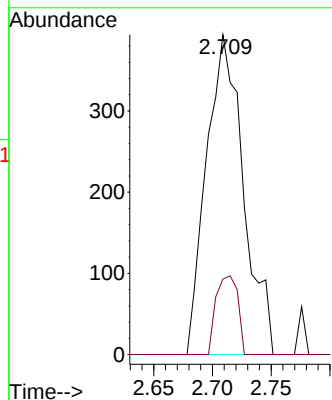
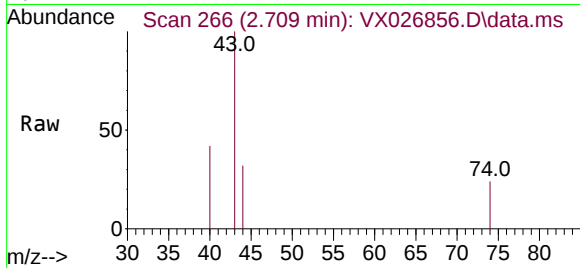




#18
Methyl Acetate
Concen: 0.432 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX026856.D
Acq: 09 Feb 2022 05:06

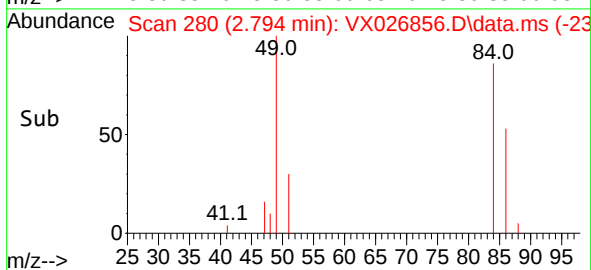
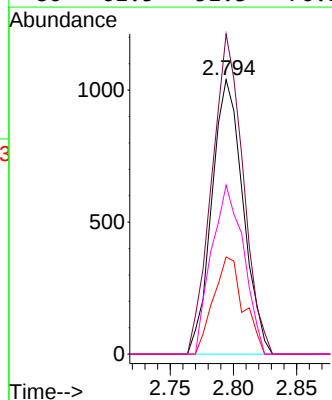
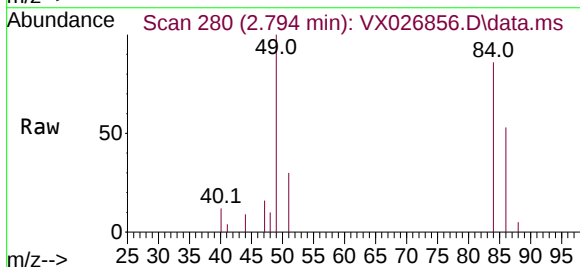
Instrument :
MSVOA_X
ClientSampleId :
SP-2

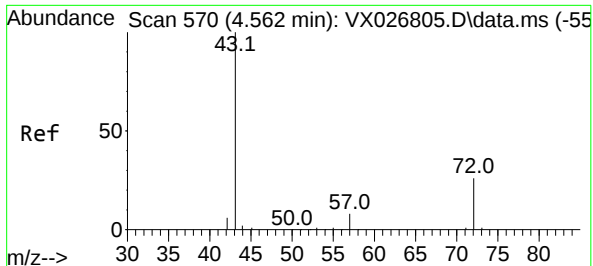
Tgt Ion: 43 Resp: 865
Ion Ratio Lower Upper
43 100
74 14.5 18.3 27.5#



#20
Methylene Chloride
Concen: 1.183 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX026856.D
Acq: 09 Feb 2022 05:06

Tgt Ion: 84 Resp: 1786
Ion Ratio Lower Upper
84 100
49 116.6 101.5 152.3
51 35.4 31.2 46.8
86 61.5 51.3 76.9

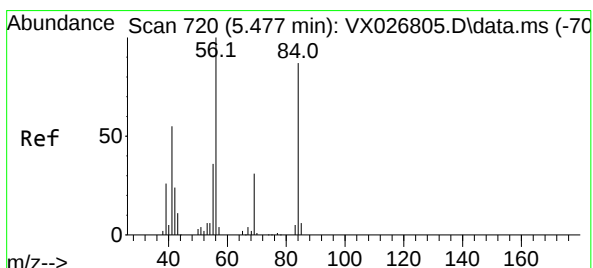
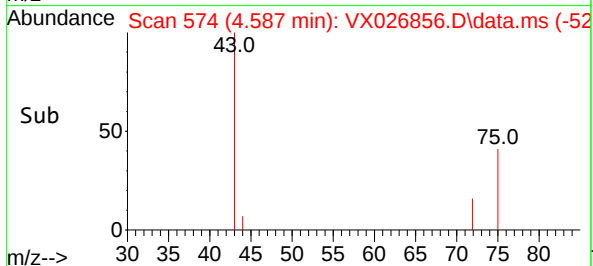
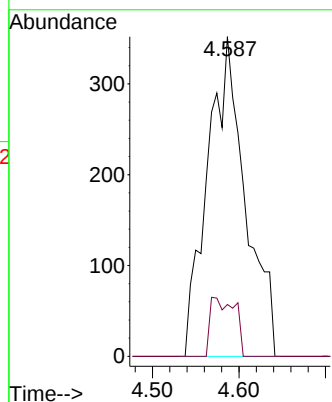
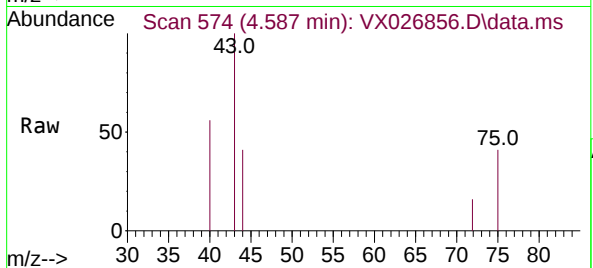




#25
2-Butanone
Concen: 0.951 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.025 min
Lab File: VX026856.D
Acq: 09 Feb 2022 05:06

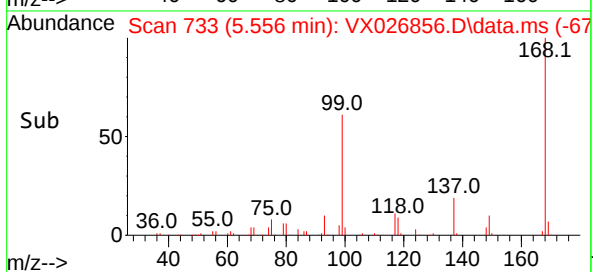
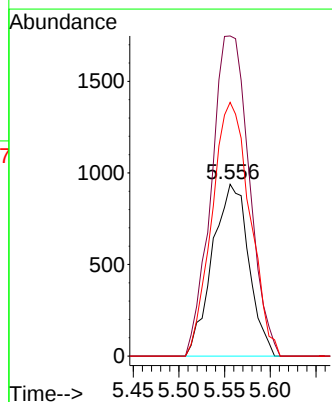
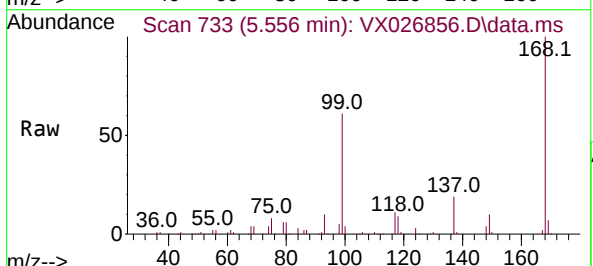
Instrument :
MSVOA_X
ClientSampleId :
SP-2

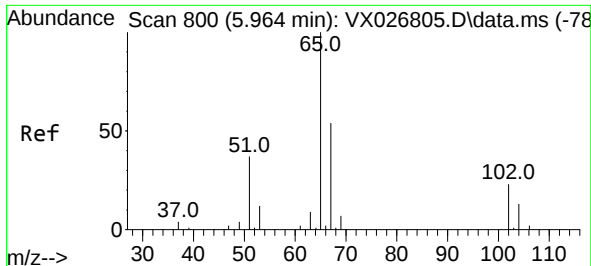
Tgt Ion: 43 Resp: 1067
Ion Ratio Lower Upper
43 100
72 16.2 20.4 30.6#



#31
Cyclohexane
Concen: 1.030 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX026856.D
Acq: 09 Feb 2022 05:06

Tgt Ion: 56 Resp: 2597
Ion Ratio Lower Upper
56 100
69 186.4 25.8 38.6#
84 147.7 68.9 103.3#

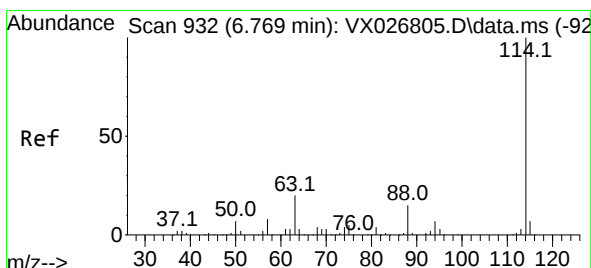
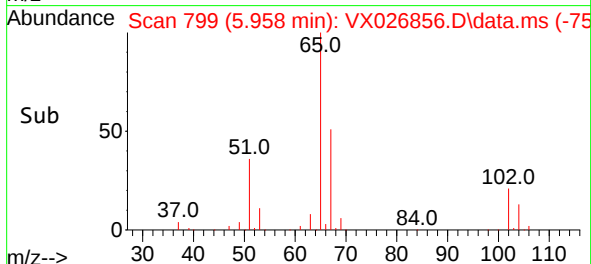
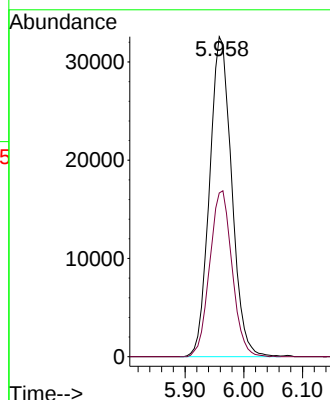
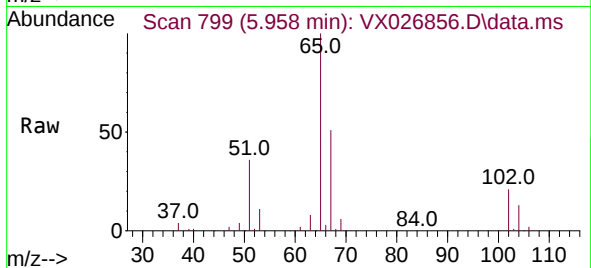




#33
 1,2-Dichloroethane-d4
 Concen: 53.824 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX026856.D
 Acq: 09 Feb 2022 05:06

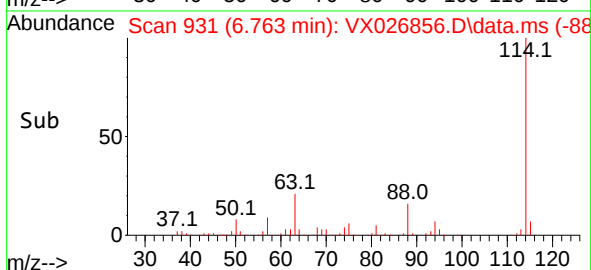
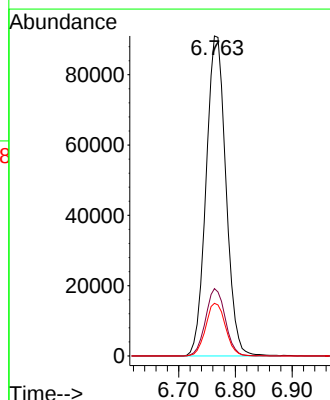
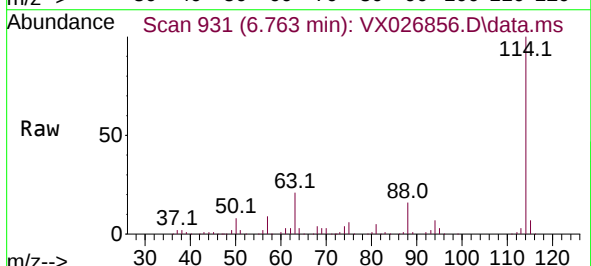
Instrument :
 MSVOA_X
 ClientSampleId :
 SP-2

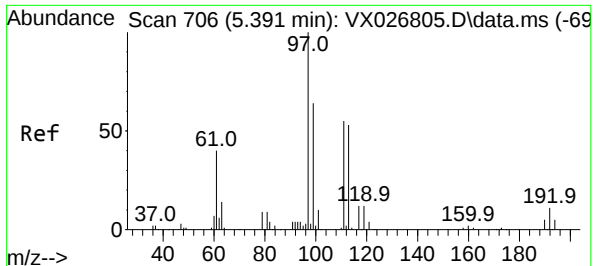
Tgt Ion: 65 Resp: 85376
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX026856.D
 Acq: 09 Feb 2022 05:06

Tgt Ion: 114 Resp: 221069
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.8
 88 16.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 52.253 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026856.D

Acq: 09 Feb 2022 05:06

Instrument :

MSVOA_X

ClientSampleId :

SP-2

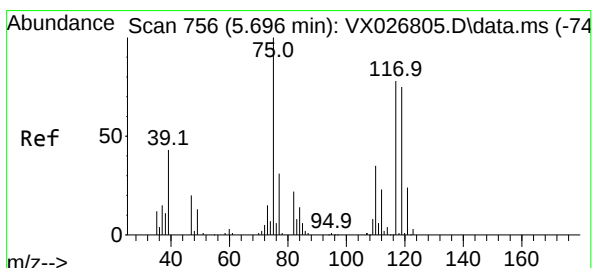
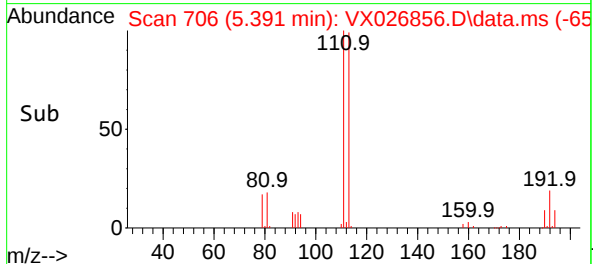
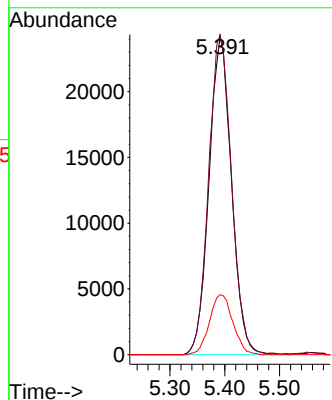
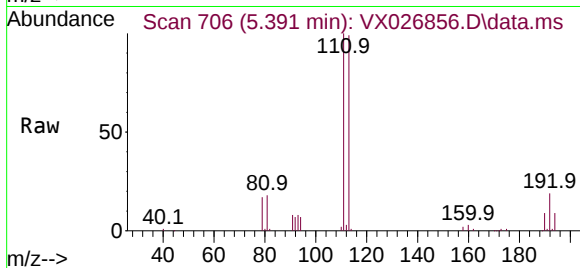
Tgt Ion:113 Resp: 68821

Ion Ratio Lower Upper

113 100

111 102.6 81.2 121.8

192 19.6 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.882 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX026856.D

Acq: 09 Feb 2022 05:06

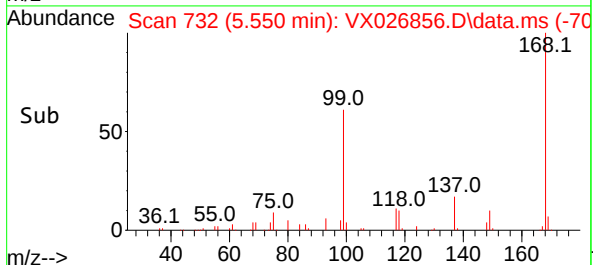
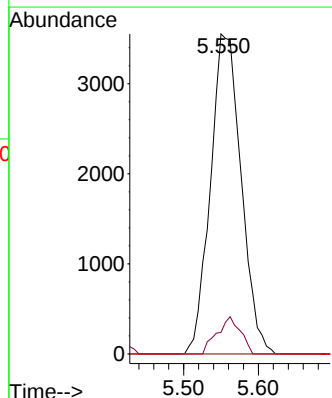
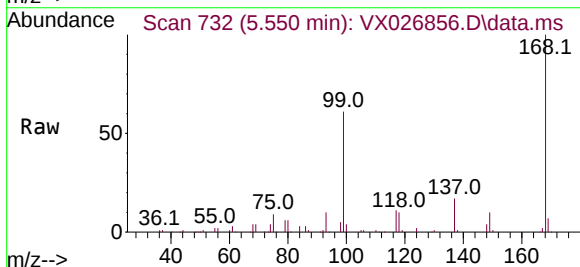
Tgt Ion: 75 Resp: 10144

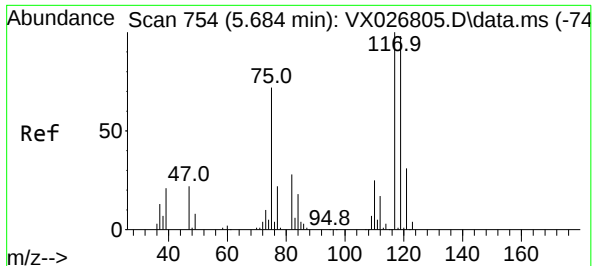
Ion Ratio Lower Upper

75 100

110 8.8 17.2 51.6#

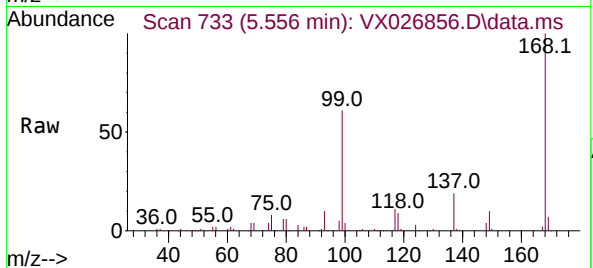
77 0.0 24.6 36.8#



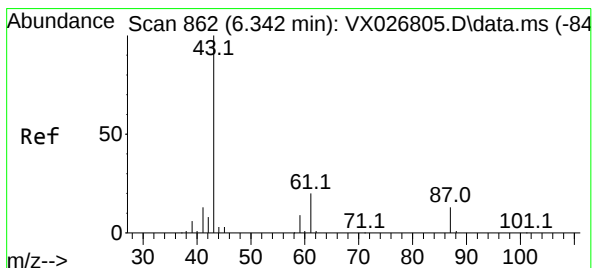
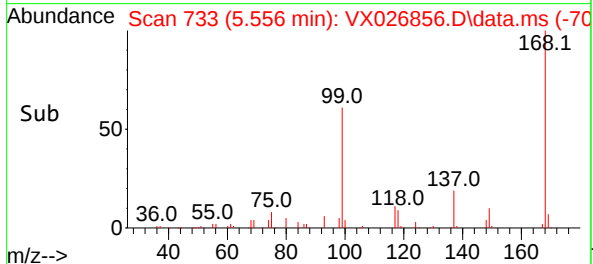
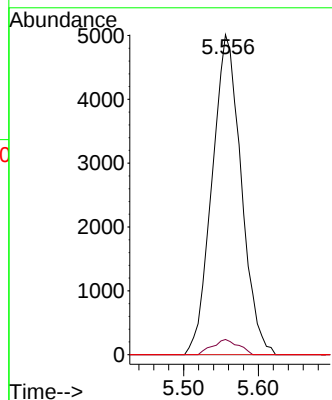


#38
Carbon Tetrachloride
Concen: 6.236 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX026856.D
Acq: 09 Feb 2022 05:06

Instrument :
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ClientSampleId :
SP-2

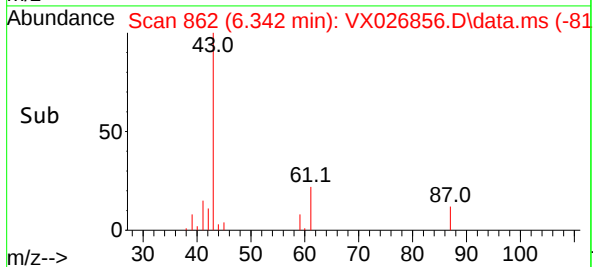
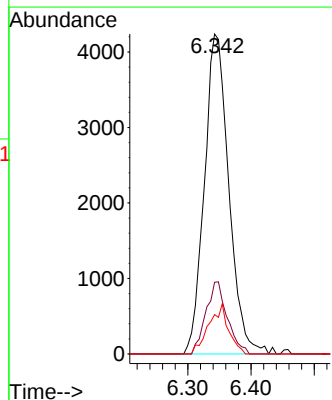
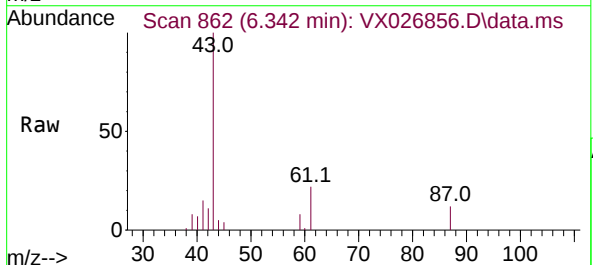


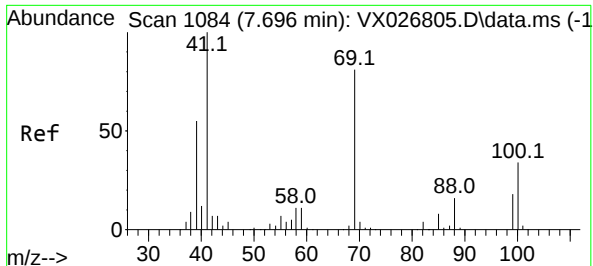
Tgt Ion:117 Resp: 13588
Ion Ratio Lower Upper
117 100
119 4.7 74.7 112.1#
121 0.0 25.4 38.0#



#43
Isopropyl Acetate
Concen: 3.142 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX026856.D
Acq: 09 Feb 2022 05:06

Tgt Ion: 43 Resp: 11416
Ion Ratio Lower Upper
43 100
61 19.7 15.4 23.0
87 12.5 10.2 15.2





#48

Methyl methacrylate

Concen: 1.880 ug/l

RT: 7.598 min Scan# 1102

Delta R.T. -0.097 min

Lab File: VX026856.D

Acq: 09 Feb 2022 05:06

Instrument :

MSVOA_X

ClientSampleId :

SP-2

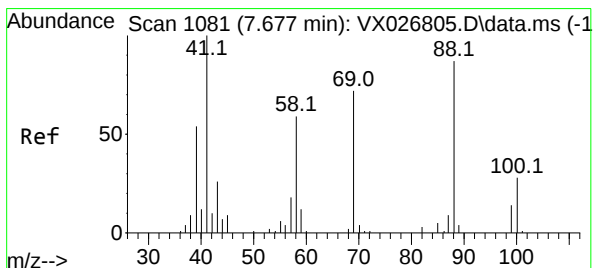
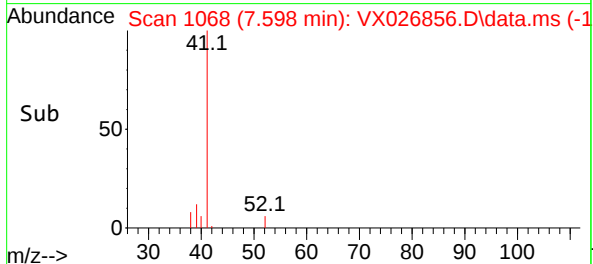
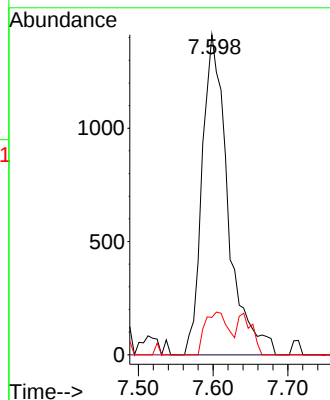
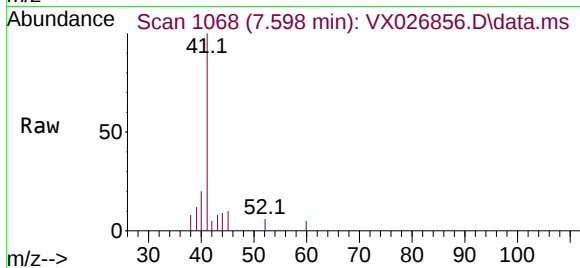
Tgt Ion: 41 Resp: 3385

Ion Ratio Lower Upper

41 100

69 0.0 62.2 93.4#

39 0.0 45.4 68.0#



#49

1,4-Dioxane

Concen: 1.580 ug/l

RT: 7.806 min Scan# 1102

Delta R.T. 0.128 min

Lab File: VX026856.D

Acq: 09 Feb 2022 05:06

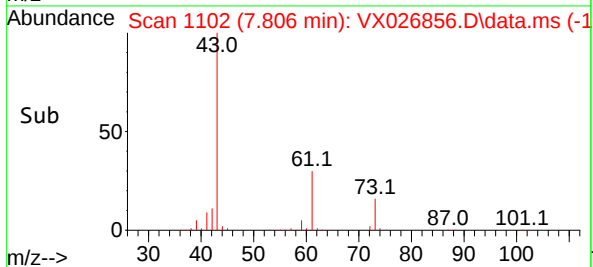
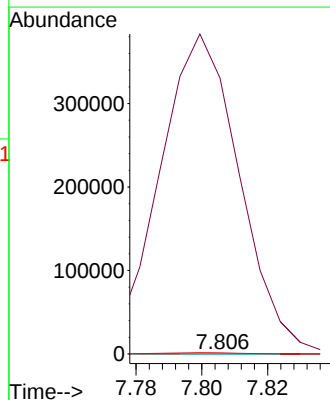
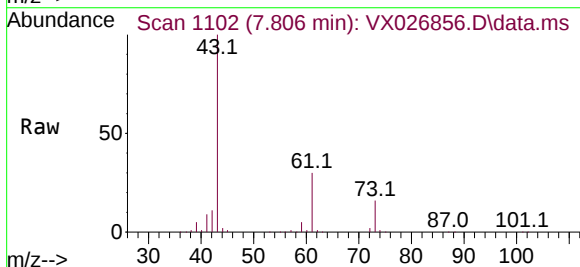
Tgt Ion: 88 Resp: 49

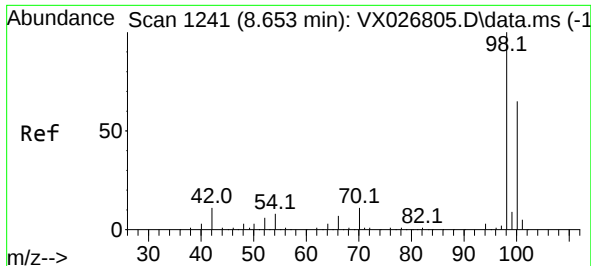
Ion Ratio Lower Upper

88 100

43 1339495.9 29.9 44.9#

58 5087.8 57.8 86.6#

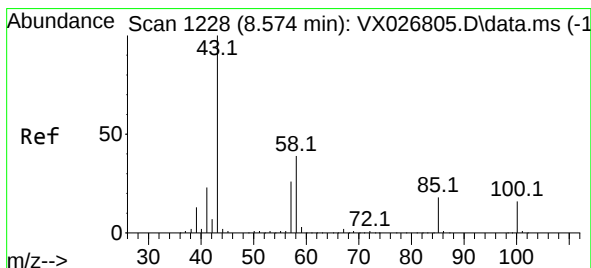
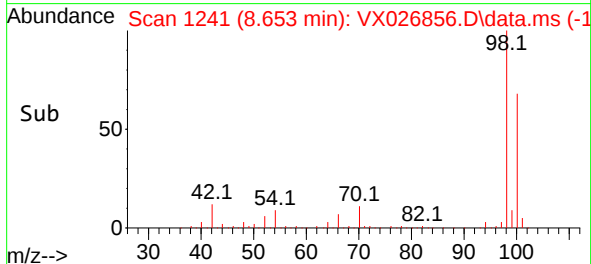
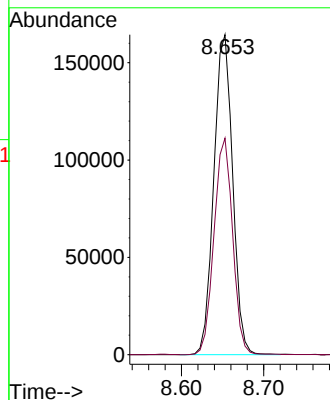
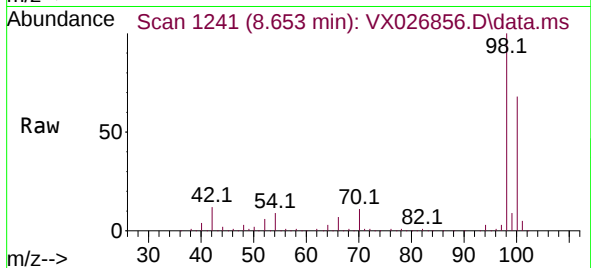




#50
Toluene-d8
Concen: 54.043 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026856.D
Acq: 09 Feb 2022 05:06

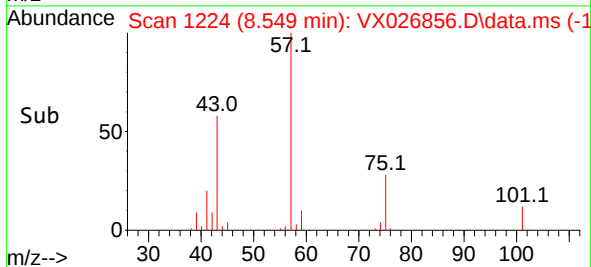
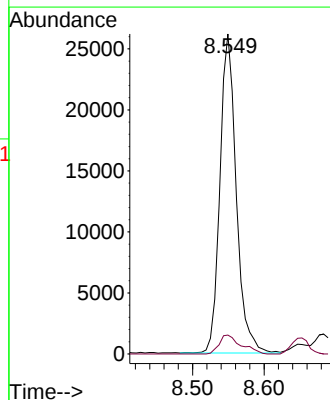
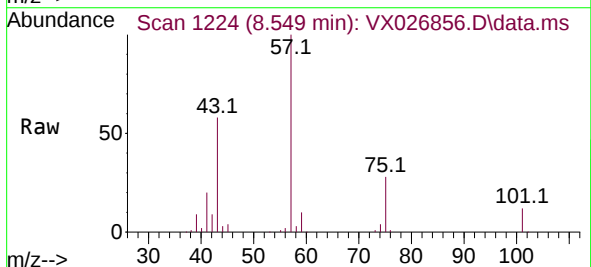
Instrument :
MSVOA_X
ClientSampleId :
SP-2

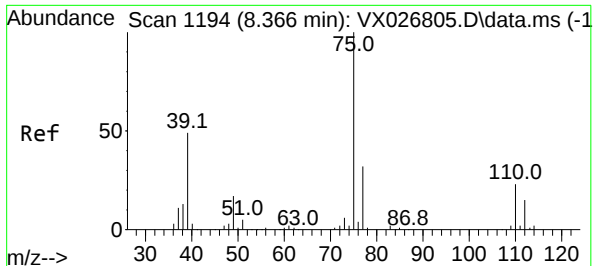
Tgt Ion: 98 Resp: 261277
Ion Ratio Lower Upper
98 100
100 67.1 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 18.867 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX026856.D
Acq: 09 Feb 2022 05:06

Tgt Ion: 43 Resp: 41539
Ion Ratio Lower Upper
43 100
58 7.9 30.5 45.7#

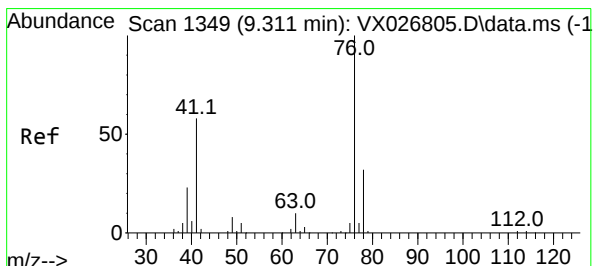
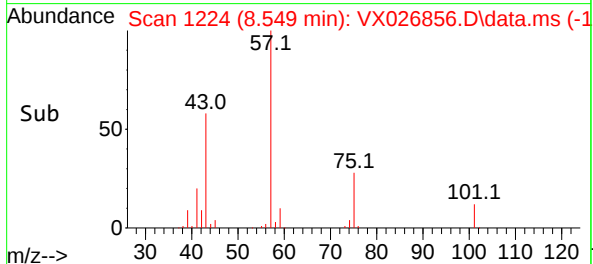
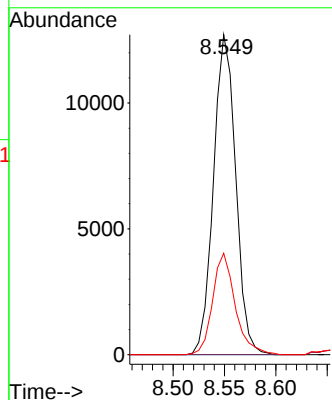
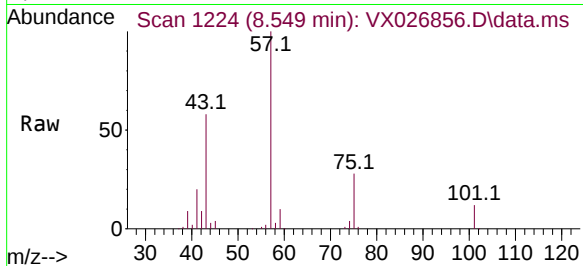




#54
 cis-1,3-Dichloropropene
 Concen: 8.511 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX026856.D
 Acq: 09 Feb 2022 05:06

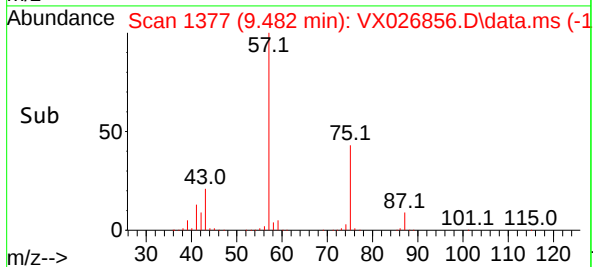
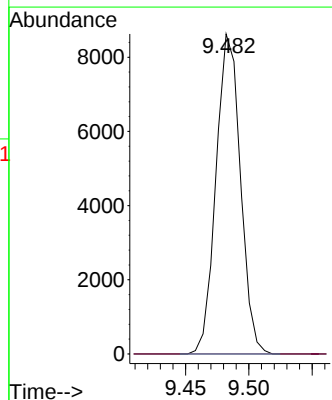
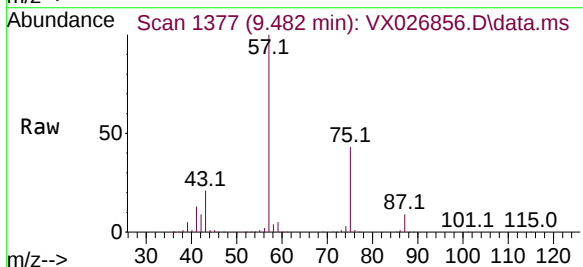
Instrument :
 MSVOA_X
 ClientSampleId :
 SP-2

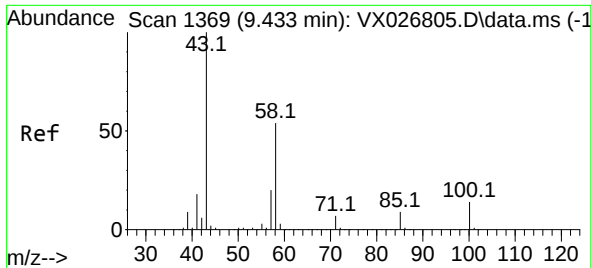
Tgt Ion: 75 Resp: 19081
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.2 39.2#
 39 31.7 43.5 65.3#



#57
 1,3-Dichloropropane
 Concen: 4.637 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX026856.D
 Acq: 09 Feb 2022 05:06

Tgt Ion: 76 Resp: 11558
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#

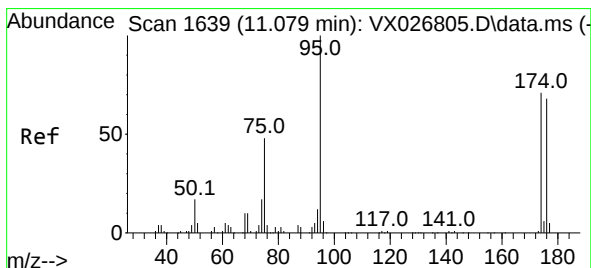
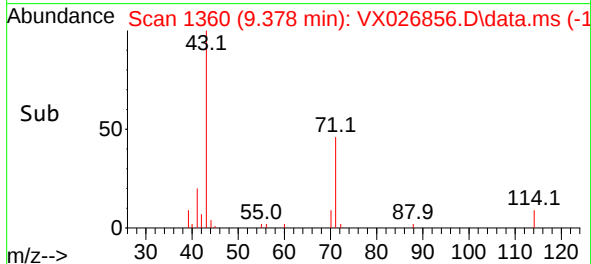
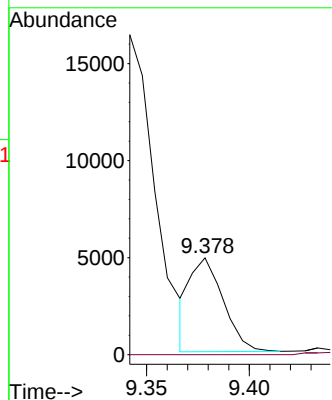
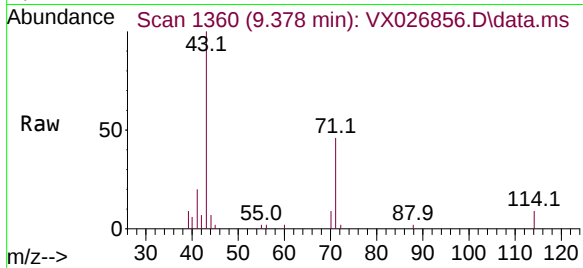




#59
2-Hexanone
Concen: 3.376 ug/l
RT: 9.378 min Scan# 11
Delta R.T. -0.055 min
Lab File: VX026856.D
Acq: 09 Feb 2022 05:06

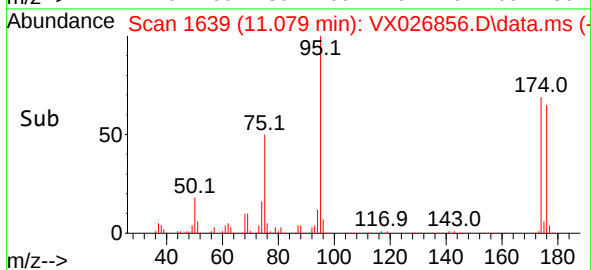
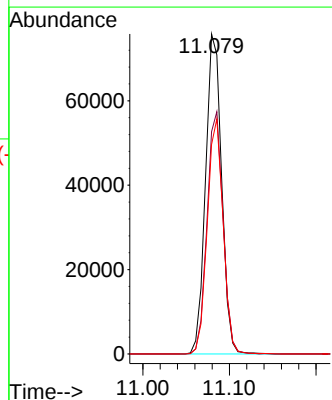
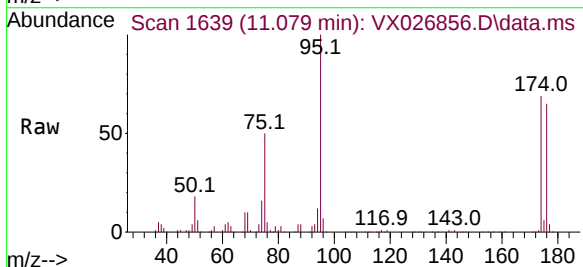
Instrument :
MSVOA_X
ClientSampleId :
SP-2

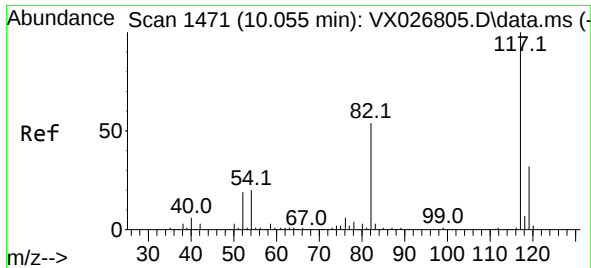
Tgt Ion: 43 Resp: 5437
Ion Ratio Lower Upper
43 100
58 0.0 26.4 79.2#



#62
4-Bromofluorobenzene
Concen: 57.394 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026856.D
Acq: 09 Feb 2022 05:06

Tgt Ion: 95 Resp: 97691
Ion Ratio Lower Upper
95 100
174 75.4 0.0 148.6
176 72.6 0.0 141.4

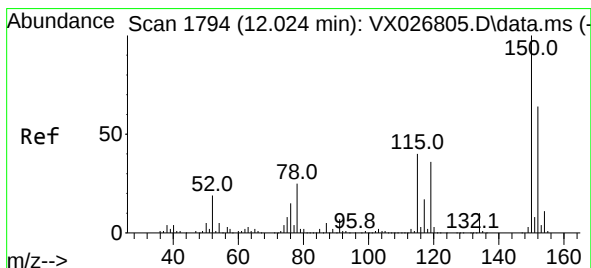
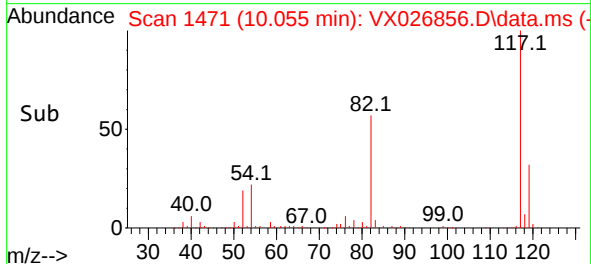
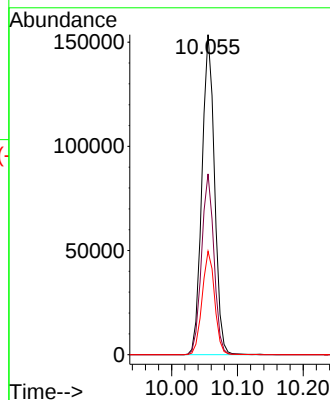
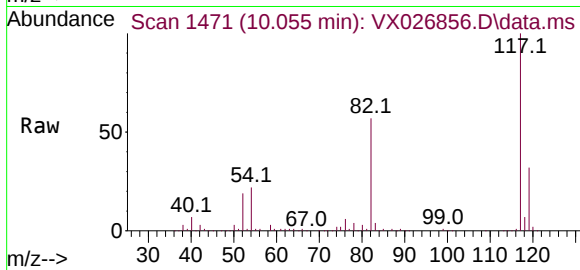




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026856.D
Acq: 09 Feb 2022 05:06

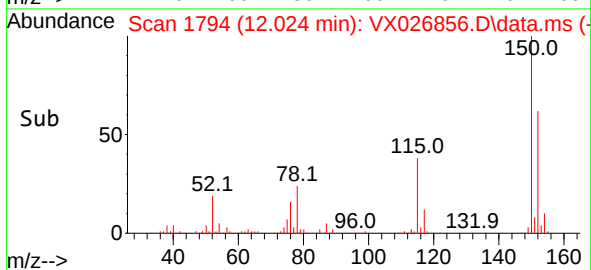
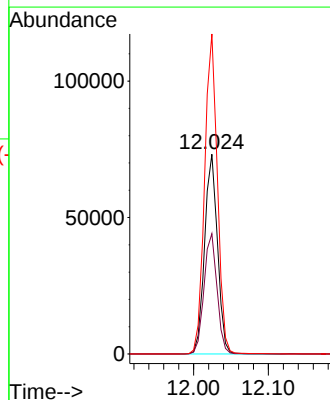
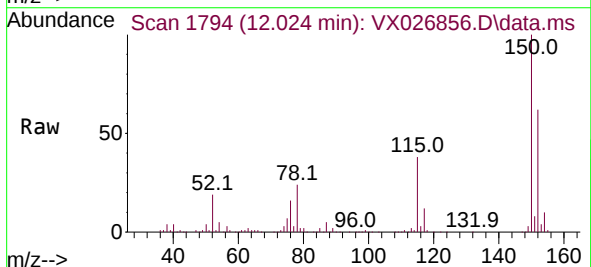
Instrument :
MSVOA_X
ClientSampleId :
SP-2

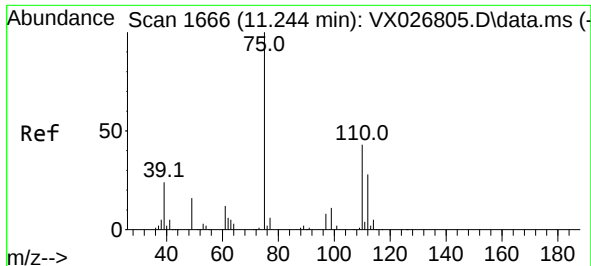
Tgt Ion:117 Resp: 204049
Ion Ratio Lower Upper
117 100
82 56.5 45.2 67.8
119 32.3 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026856.D
Acq: 09 Feb 2022 05:06

Tgt Ion:152 Resp: 87662
Ion Ratio Lower Upper
152 100
115 60.7 44.2 132.6
150 158.6 0.0 348.2

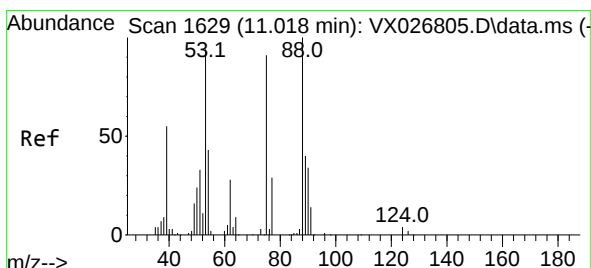
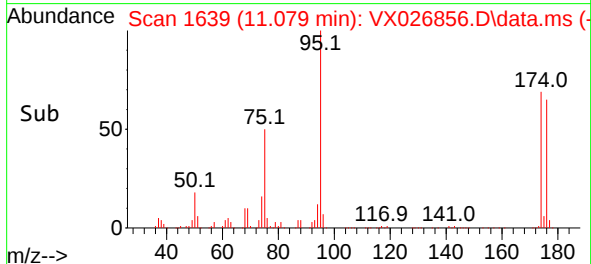
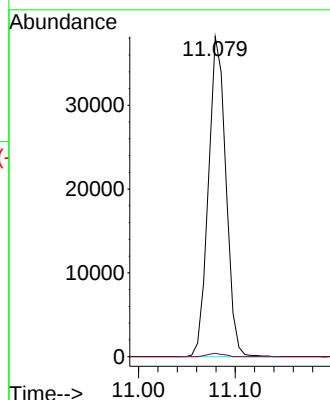
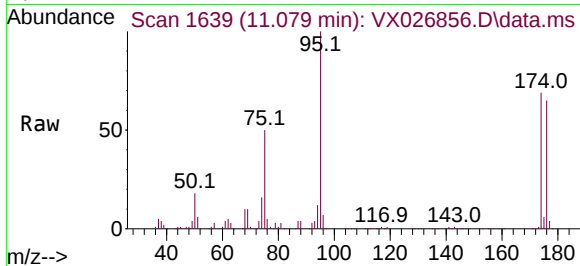




#76
1,2,3-Trichloropropane
Concen: 25.106 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX026856.D
Acq: 09 Feb 2022 05:06

Instrument :
MSVOA_X
ClientSampleId :
SP-2

Tgt Ion: 75 Resp: 48177
Ion Ratio Lower Upper
75 100
77 1.0 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.564 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026856.D
Acq: 09 Feb 2022 05:06

Tgt Ion: 75 Resp: 48177
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

