

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072822\
 Data File : VX030279.D
 Acq On : 28 Jul 2022 18:55
 Operator : JC/MD
 Sample : N3773-18MEDL 10X
 Misc : 6.50g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DL-3(14.5-15)ME

Quant Time: Jul 29 05:59:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

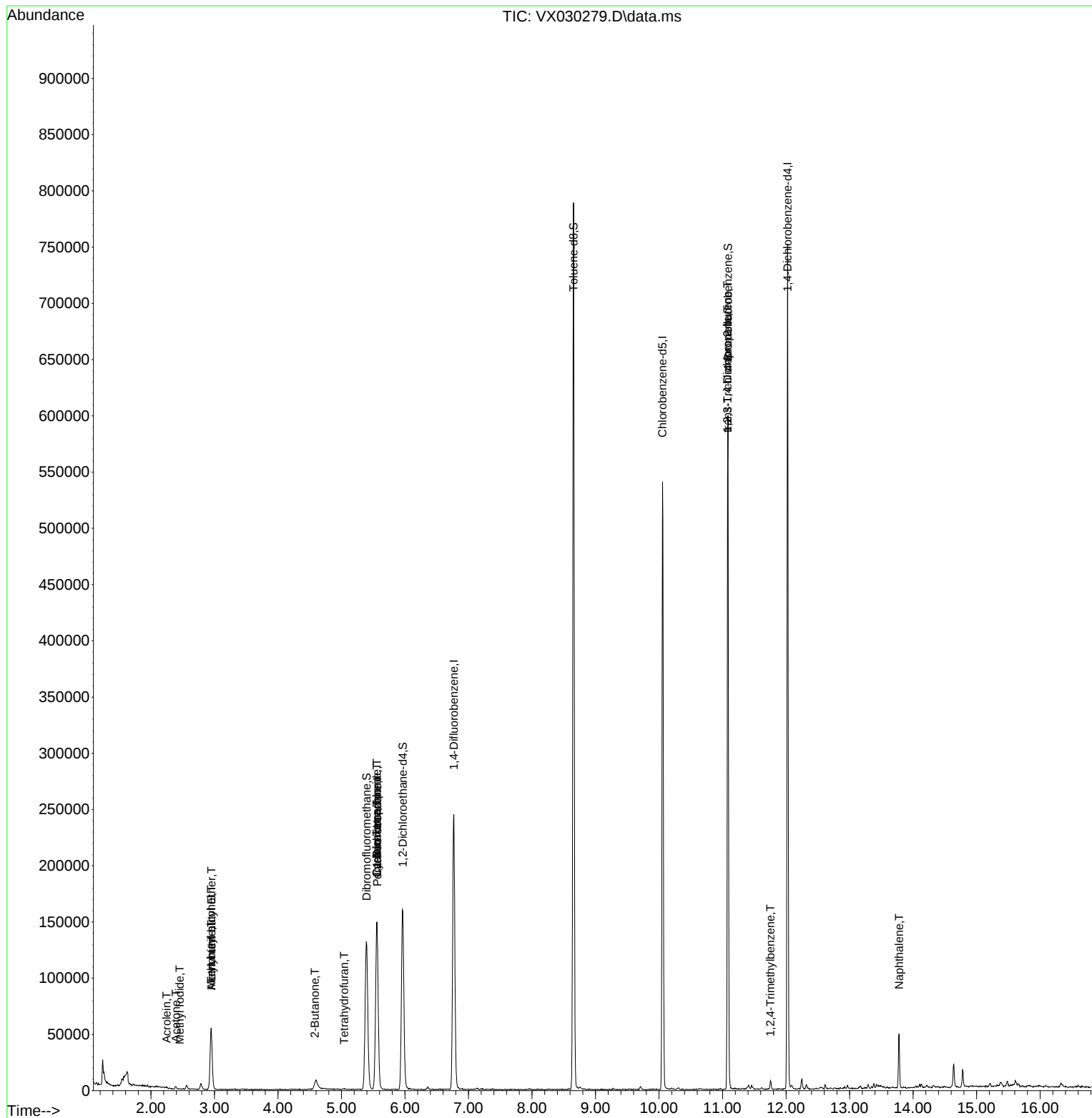
Internal Standards						
1) Pentafluorobenzene	5.562	168	139802	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	252116	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	247979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144655	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	150837	53.680	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.360%	
35) Dibromofluoromethane	5.397	113	121125	50.257	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.520%	
50) Toluene-d8	8.653	98	452904	48.525	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.040%	
62) 4-Bromofluorobenzene	11.085	95	167058	48.228	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.460%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	490	Below Cal		90
10) Methyl Iodide	2.453	142	308	1.662 ug/l	#	61
11) Tert butyl alcohol	2.946	59	33396	48.723 ug/l	#	78
13) Acrolein	2.245	56	120	0.712 ug/l	#	58
15) Acrylonitrile	2.953	53	717	0.423 ug/l	#	25
16) Acetone	2.392	43	2498	1.736 ug/l		99
19) Methyl tert-butyl Ether	2.953	73	1844	0.246 ug/l		98
20) Methylene Chloride	2.782	84	2293	Below Cal		94
25) 2-Butanone	4.580	43	5059	2.093 ug/l	#	86
29) Tetrahydrofuran	5.044	42	494	0.304 ug/l	#	52
31) Cyclohexane	5.556	56	3543	0.868 ug/l	#	7
36) 1,1-Dichloropropene	5.556	75	12248	3.531 ug/l	#	48
38) Carbon Tetrachloride	5.556	117	13807	4.264 ug/l	#	17
67) Ethyl Benzene	10.201	91	928	Below Cal	#	71
76) 1,2,3-Trichloropropane	11.079	75	84990	22.289 ug/l	#	37
81) trans-1,4-Dichloro-2-b...	11.079	75	84990	66.866 ug/l	#	13
84) 1,2,4-Trimethylbenzene	11.756	105	3455	0.366 ug/l		96
95) Naphthalene	13.780	128	29805	2.601 ug/l		100

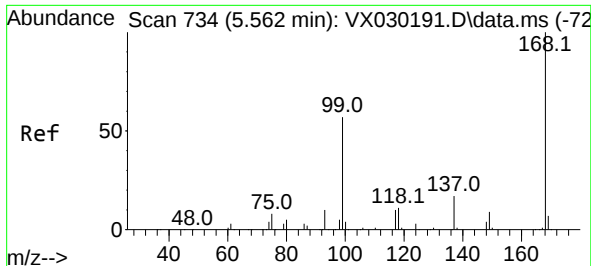
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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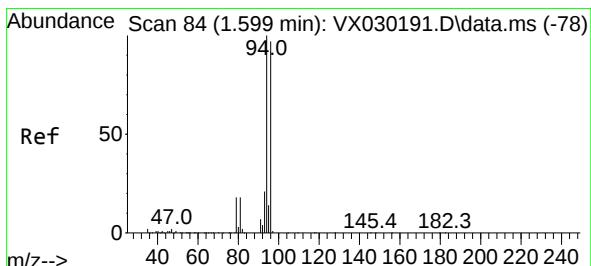
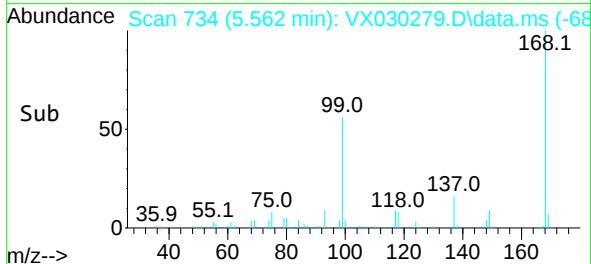
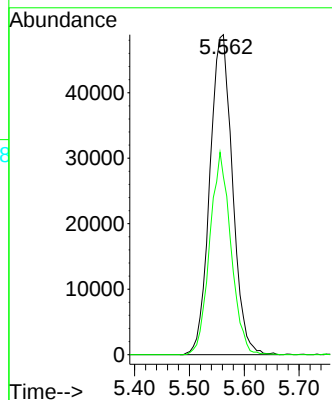
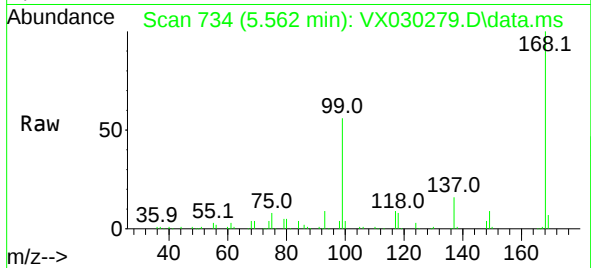




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030279.D
Acq: 28 Jul 2022 18:55

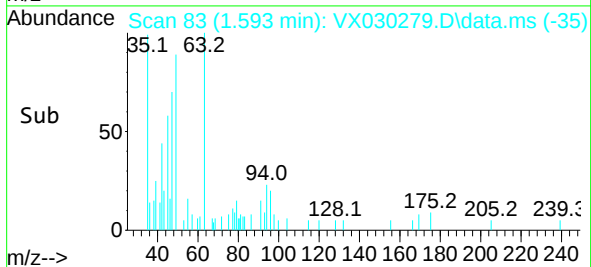
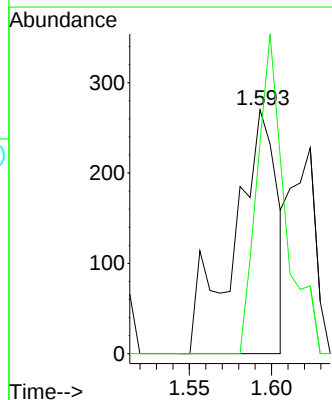
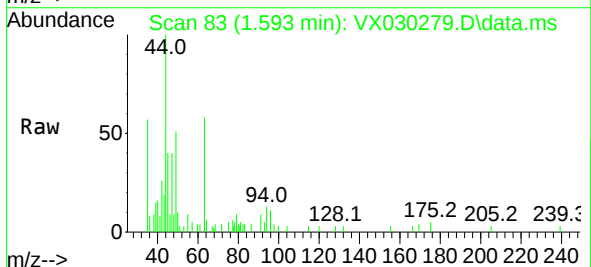
Instrument :
MSVOA_X
ClientSampleId :
DL-3(14.5-15)ME

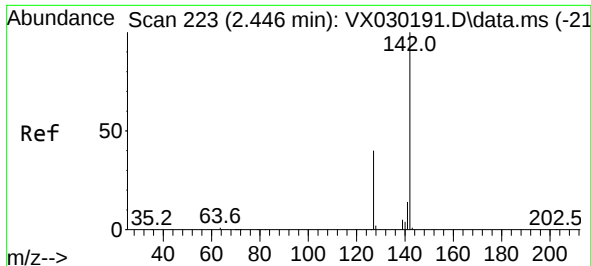
Tgt Ion:168 Resp: 139802
Ion Ratio Lower Upper
168 100
99 55.6 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.593 min Scan# 83
Delta R.T. -0.006 min
Lab File: VX030279.D
Acq: 28 Jul 2022 18:55

Tgt Ion: 94 Resp: 490
Ion Ratio Lower Upper
94 100
96 86.7 76.9 115.3

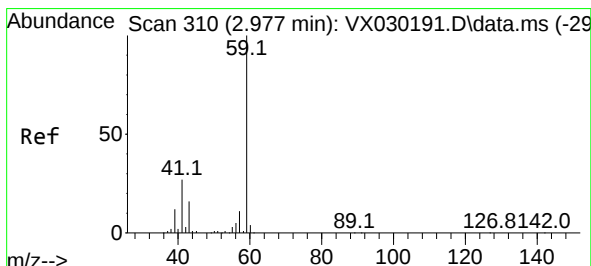
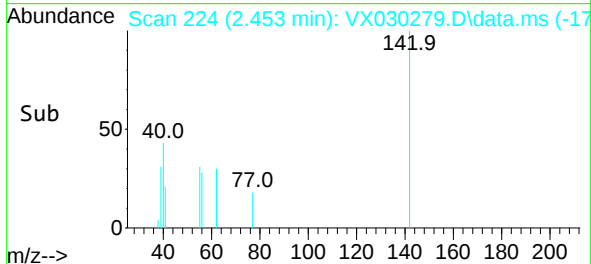
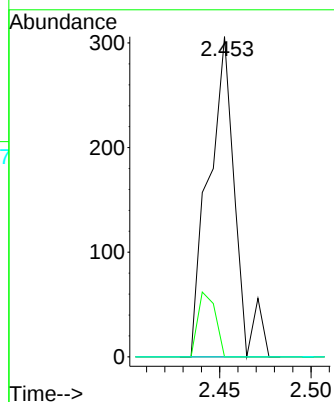
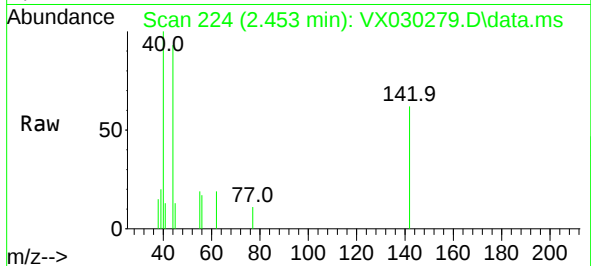




#10
Methyl Iodide
Concen: 1.662 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX030279.D
Acq: 28 Jul 2022 18:55

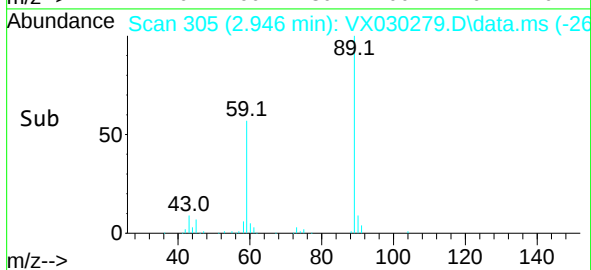
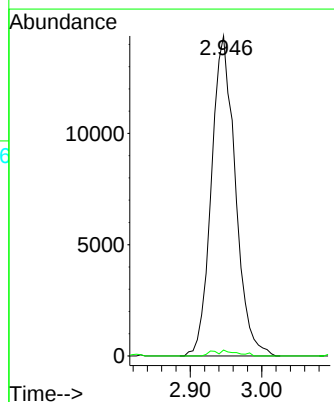
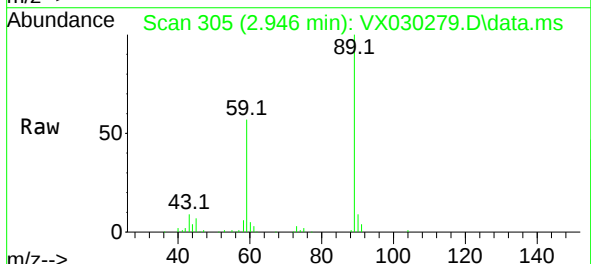
Instrument :
MSVOA_X
ClientSampleId :
DL-3(14.5-15)ME

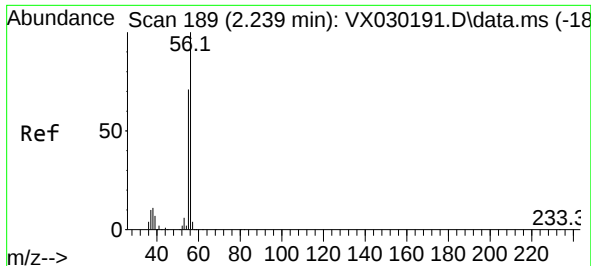
Tgt Ion:142 Resp: 308
Ion Ratio Lower Upper
142 100
127 13.3 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 48.723 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.031 min
Lab File: VX030279.D
Acq: 28 Jul 2022 18:55

Tgt Ion: 59 Resp: 33396
Ion Ratio Lower Upper
59 100
57 1.2 7.4 11.2#

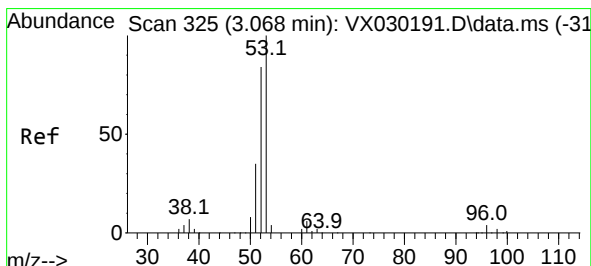
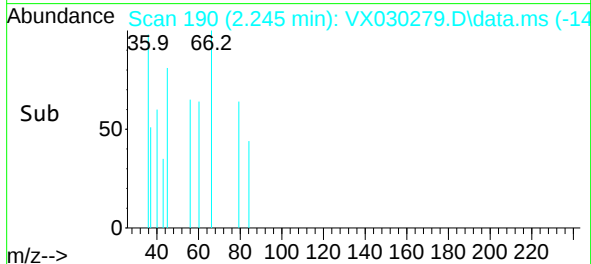
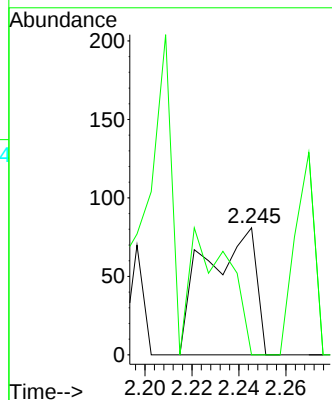
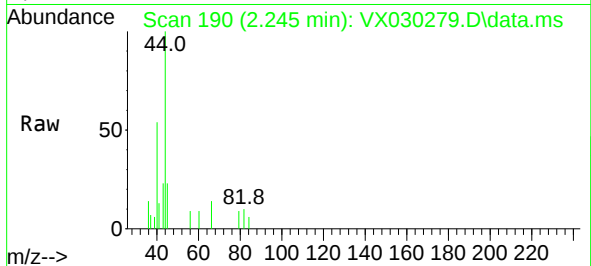




#13
Acrolein
Concen: 0.712 ug/l
RT: 2.245 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030279.D
Acq: 28 Jul 2022 18:55

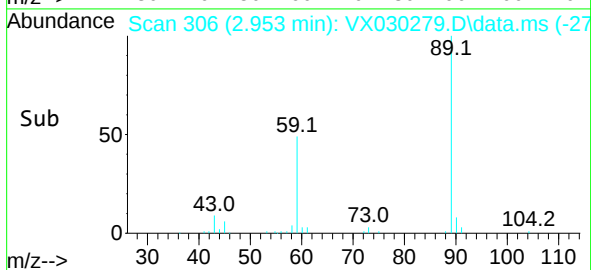
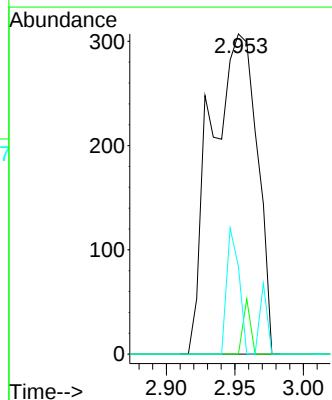
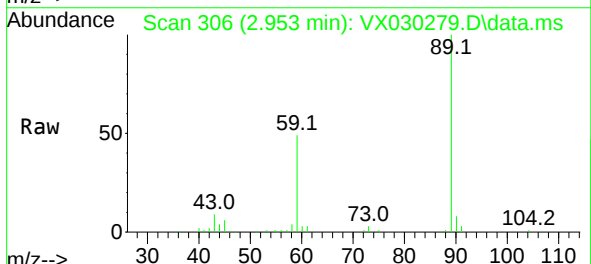
Instrument :
MSVOA_X
ClientSampleId :
DL-3(14.5-15)ME

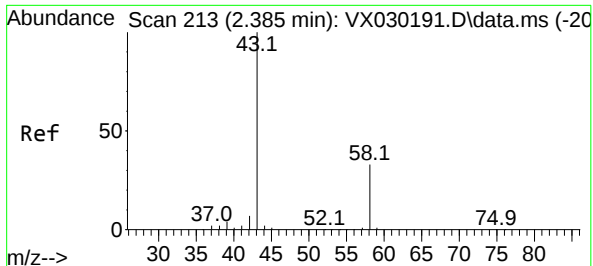
Tgt Ion: 56 Resp: 120
Ion Ratio Lower Upper
56 100
55 35.8 56.6 84.8#



#15
Acrylonitrile
Concen: 0.423 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.115 min
Lab File: VX030279.D
Acq: 28 Jul 2022 18:55

Tgt Ion: 53 Resp: 717
Ion Ratio Lower Upper
53 100
52 2.6 65.4 98.0#
51 10.5 27.7 41.5#

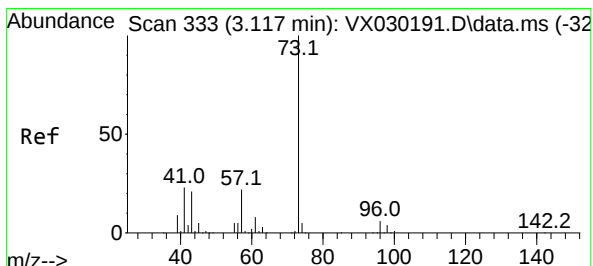
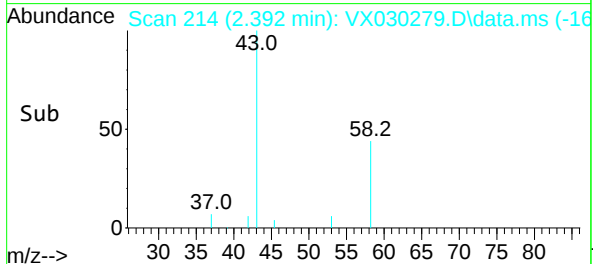
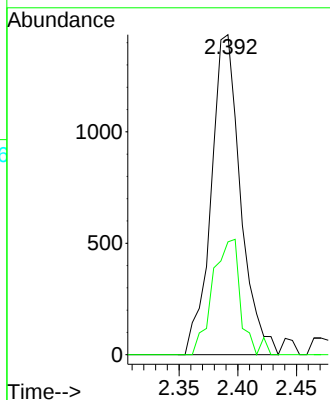
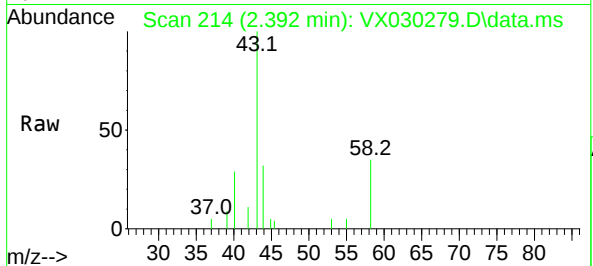




#16
Acetone
Concen: 1.736 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.007 min
Lab File: VX030279.D
Acq: 28 Jul 2022 18:55

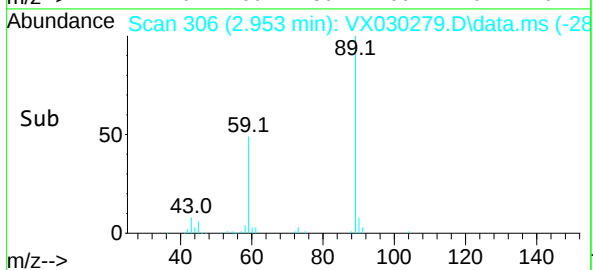
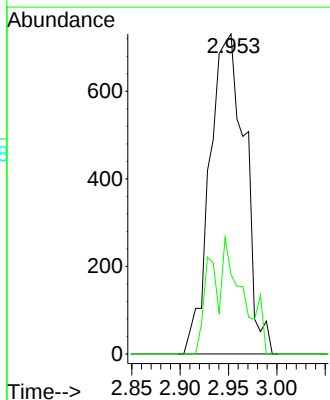
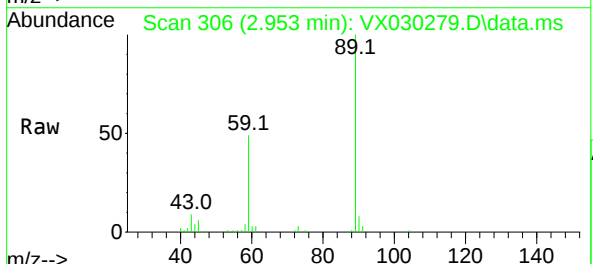
Instrument :
MSVOA_X
ClientSampleId :
DL-3(14.5-15)ME

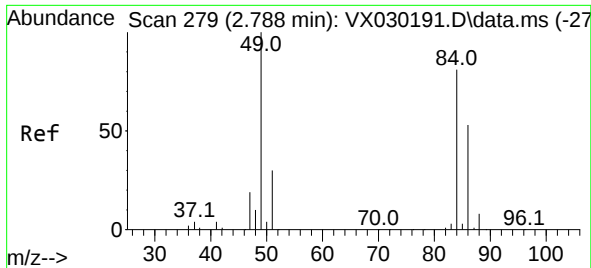
Tgt Ion: 43 Resp: 2498
Ion Ratio Lower Upper
43 100
58 35.2 27.7 41.5



#19
Methyl tert-butyl Ether
Concen: 0.246 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.164 min
Lab File: VX030279.D
Acq: 28 Jul 2022 18:55

Tgt Ion: 73 Resp: 1844
Ion Ratio Lower Upper
73 100
57 24.8 19.0 28.6

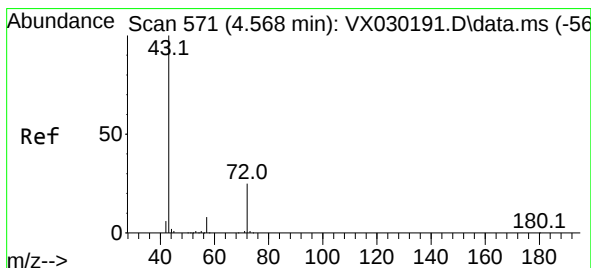
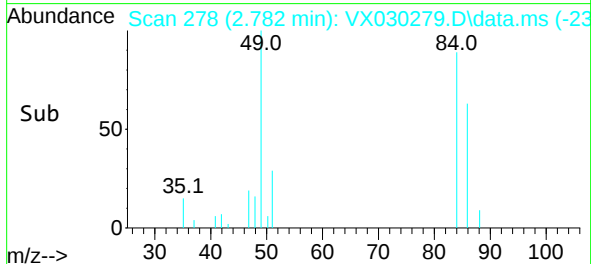
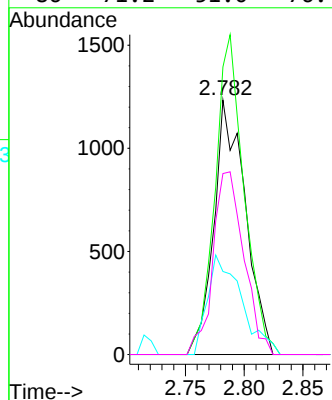
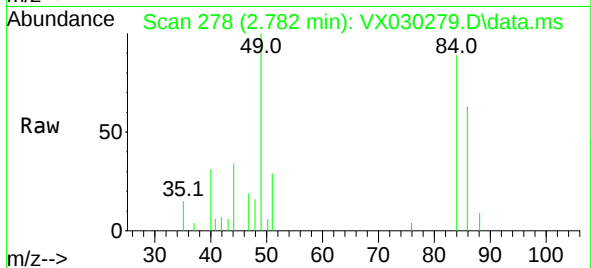




#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX030279.D
Acq: 28 Jul 2022 18:55

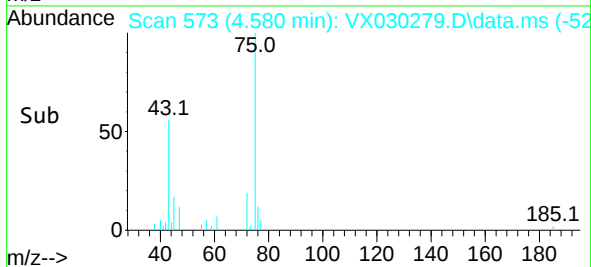
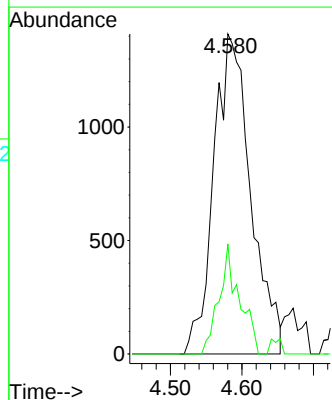
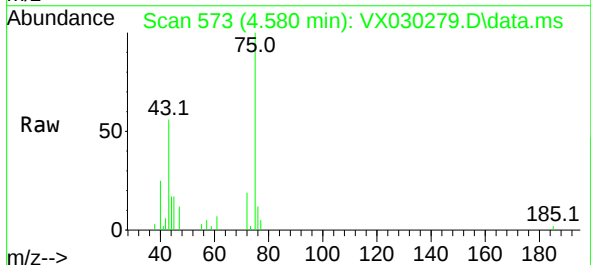
Instrument :
MSVOA_X
ClientSampleId :
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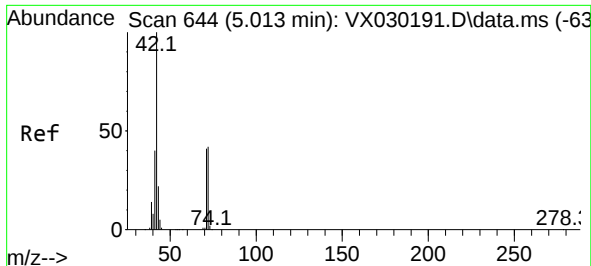
Tgt Ion: 84	Resp: 2293
Ion Ratio	Lower Upper
84 100	
49 113.0	93.8 140.6
51 32.7	29.4 44.0
86 71.2	51.0 76.4



#25
2-Butanone
Concen: 2.093 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX030279.D
Acq: 28 Jul 2022 18:55

Tgt Ion: 43	Resp: 5059		
Ion Ratio	Lower	Upper	
43 100			
72 34.4	21.7	32.5#	





#29

Tetrahydrofuran

Concen: 0.304 ug/l

RT: 5.044 min Scan# 64

Delta R.T. 0.031 min

Lab File: VX030279.D

Acq: 28 Jul 2022 18:55

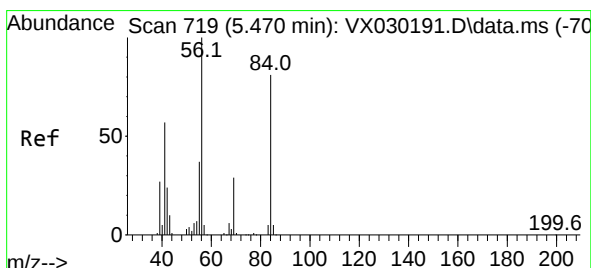
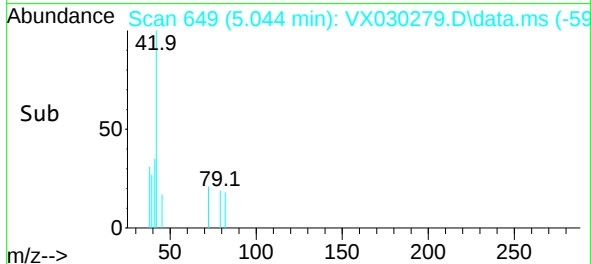
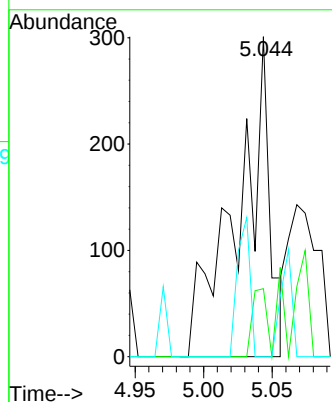
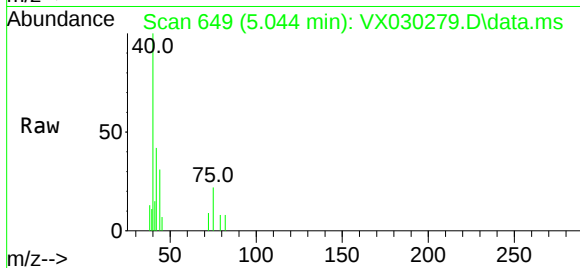
Instrument :

MSVOA_X

ClientSampleId :

DL-3(14.5-15)ME

Tgt Ion: 42	Resp:	494
Ion Ratio	Lower	Upper
42	100	
72	9.3	36.5 54.7#
71	17.0	33.9 50.9#



#31

Cyclohexane

Concen: 0.868 ug/l

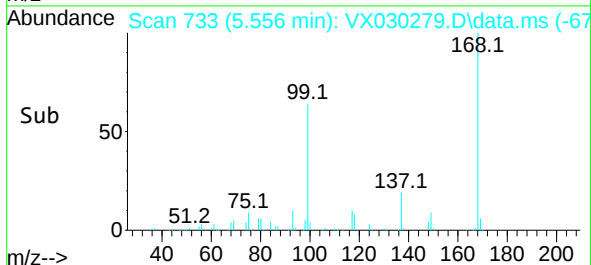
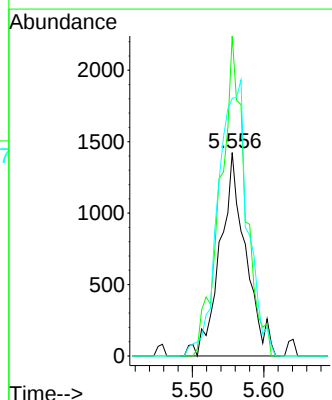
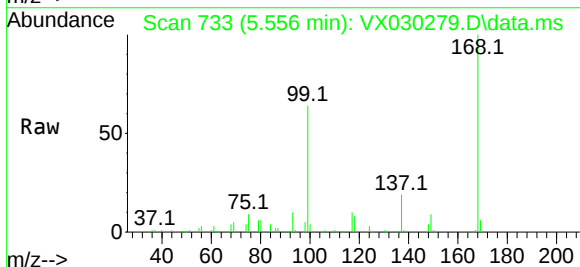
RT: 5.556 min Scan# 733

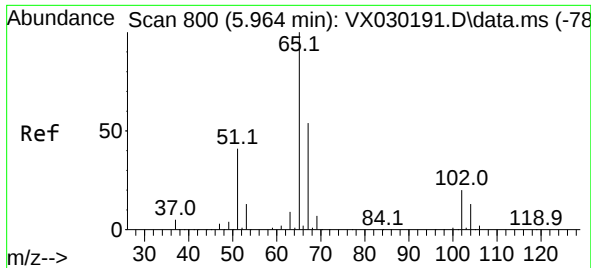
Delta R.T. 0.086 min

Lab File: VX030279.D

Acq: 28 Jul 2022 18:55

Tgt Ion: 56	Resp:	3543
Ion Ratio	Lower	Upper
56	100	
69	157.3	25.4 38.0#
84	126.6	68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 53.680 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX030279.D

Acq: 28 Jul 2022 18:55

Instrument :

MSVOA_X

ClientSampleId :

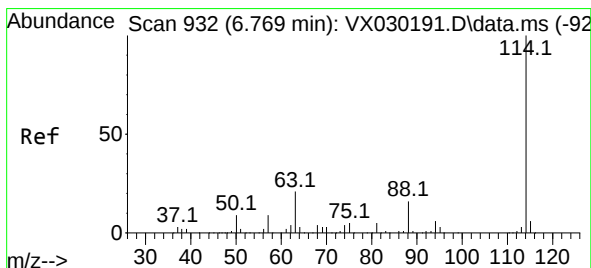
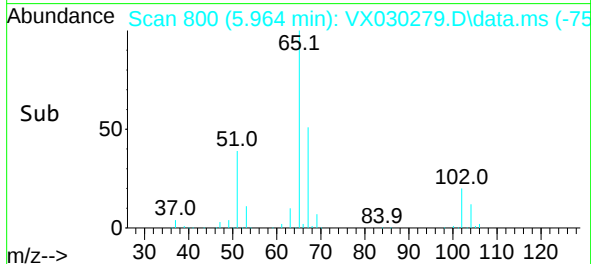
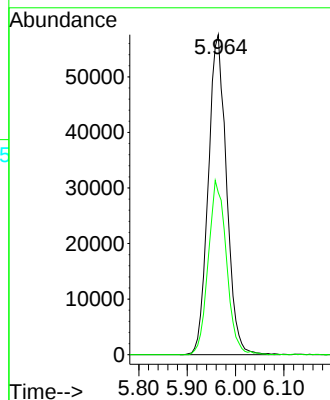
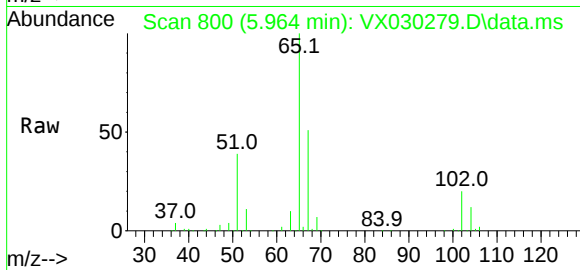
DL-3(14.5-15)ME

Tgt Ion: 65 Resp: 150837

Ion Ratio Lower Upper

65 100

67 54.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX030279.D

Acq: 28 Jul 2022 18:55

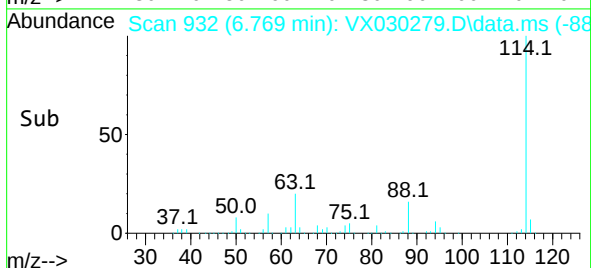
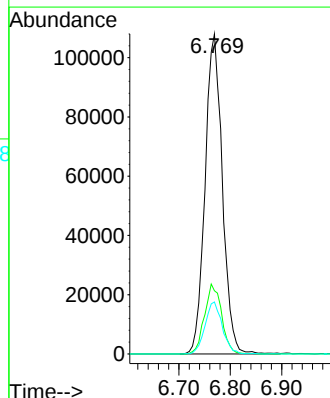
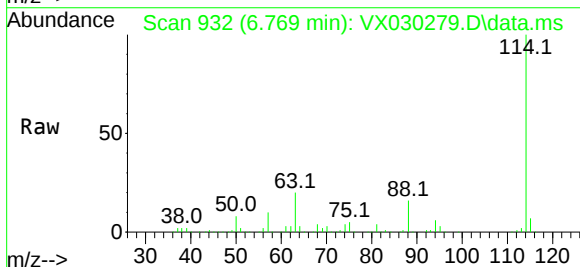
Tgt Ion: 114 Resp: 252116

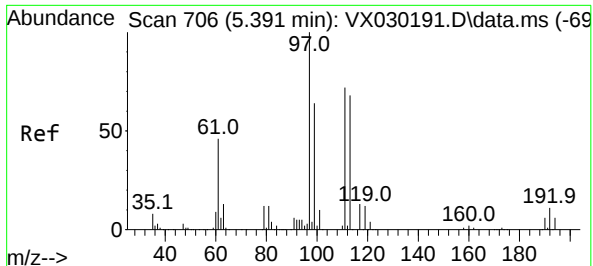
Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.4

88 16.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.257 ug/l

RT: 5.397 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX030279.D

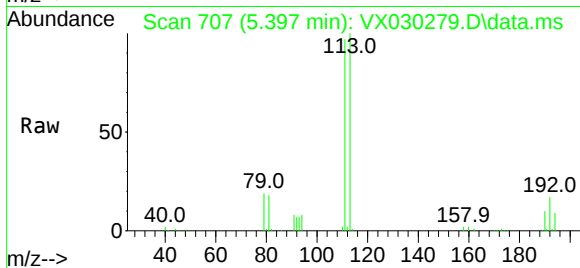
Acq: 28 Jul 2022 18:55

Instrument :

MSVOA_X

ClientSampleId :

DL-3(14.5-15)ME



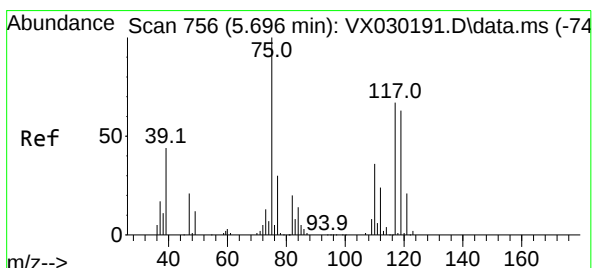
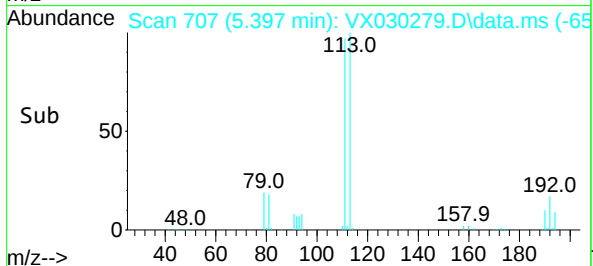
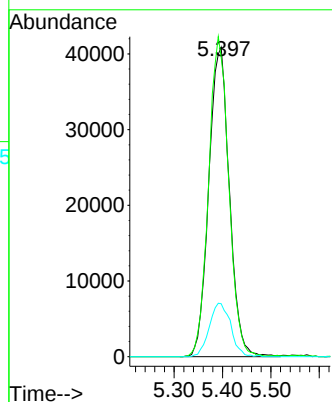
Tgt Ion:113 Resp: 121125

Ion Ratio Lower Upper

113 100

111 101.0 83.2 124.8

192 18.0 14.8 22.2



#36

1,1-Dichloropropene

Concen: 3.531 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX030279.D

Acq: 28 Jul 2022 18:55

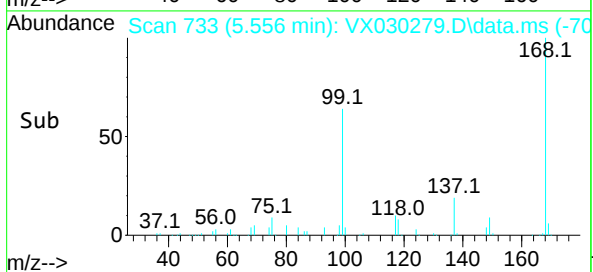
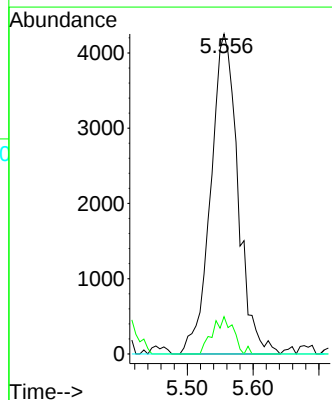
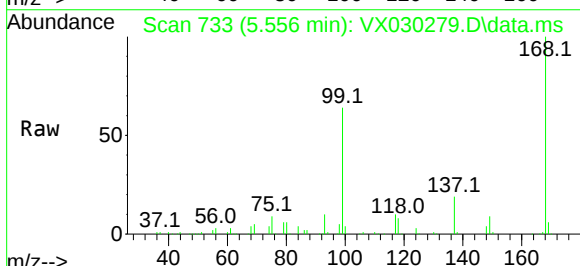
Tgt Ion: 75 Resp: 12248

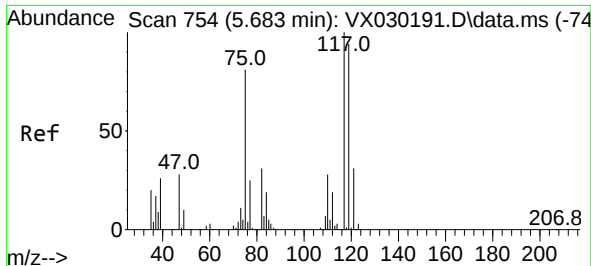
Ion Ratio Lower Upper

75 100

110 8.7 19.3 57.9#

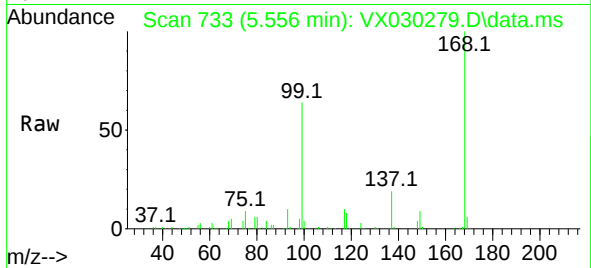
77 0.0 24.4 36.6#



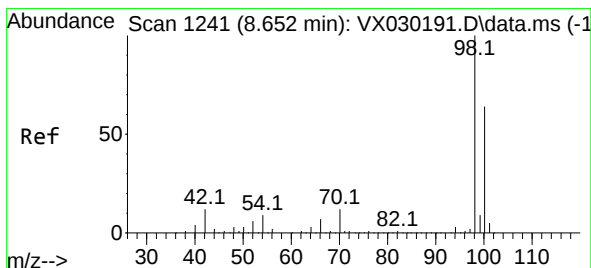
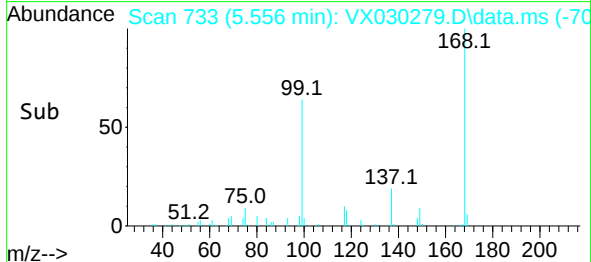
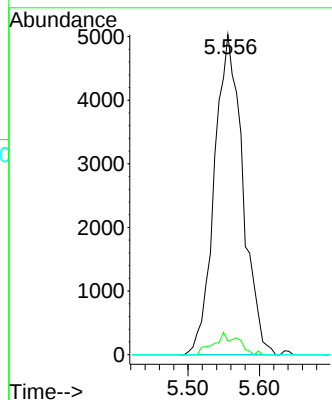


#38
Carbon Tetrachloride
Concen: 4.264 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX030279.D
Acq: 28 Jul 2022 18:55

Instrument :
MSVOA_X
ClientSampleId :
DL-3(14.5-15)ME

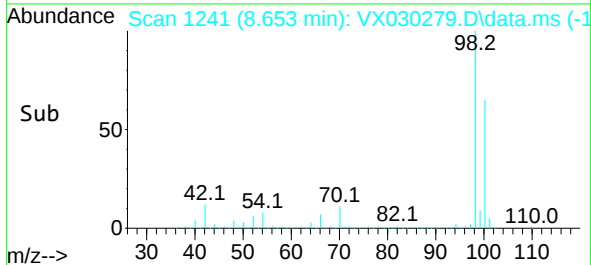
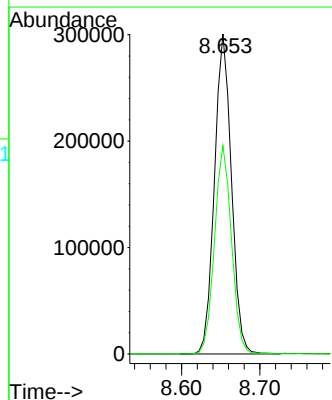
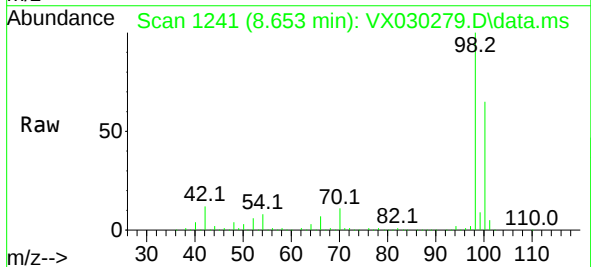


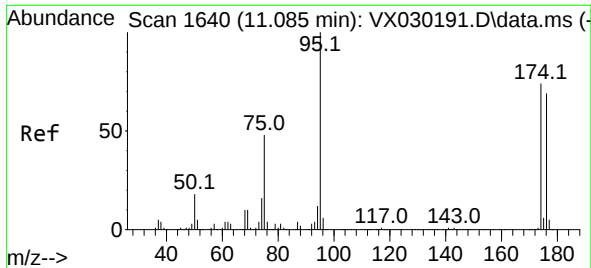
Tgt Ion:117 Resp: 13807
Ion Ratio Lower Upper
117 100
119 4.2 74.1 111.1#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 48.525 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX030279.D
Acq: 28 Jul 2022 18:55

Tgt Ion: 98 Resp: 452904
Ion Ratio Lower Upper
98 100
100 65.1 52.3 78.5

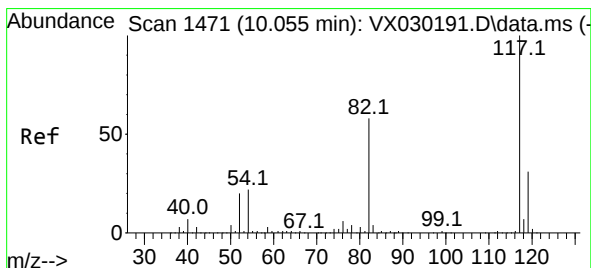
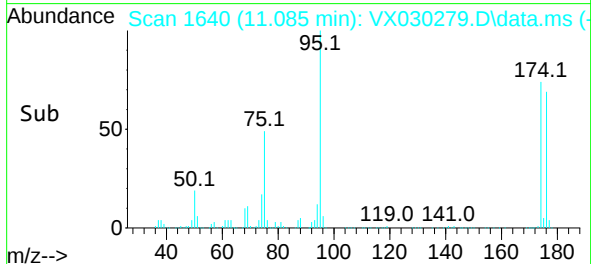
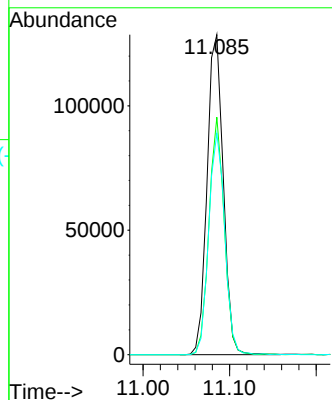
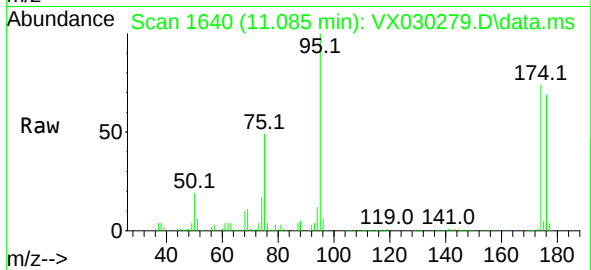




#62
4-Bromofluorobenzene
Concen: 48.228 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030279.D
Acq: 28 Jul 2022 18:55

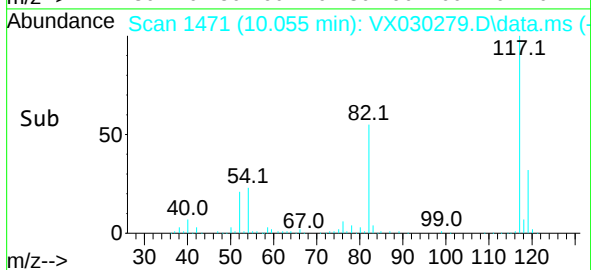
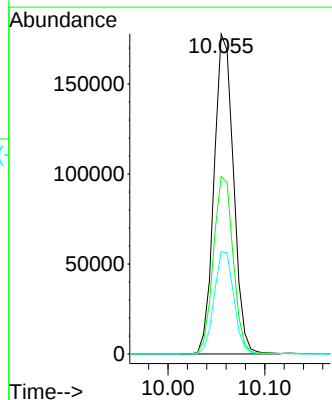
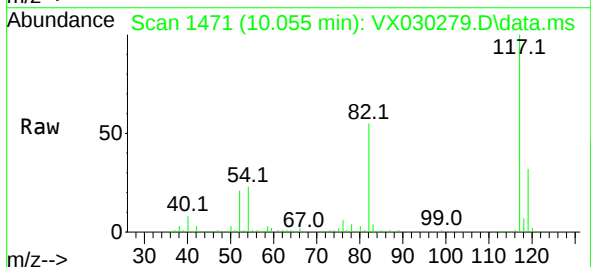
Instrument :
MSVOA_X
ClientSampleId :
DL-3(14.5-15)ME

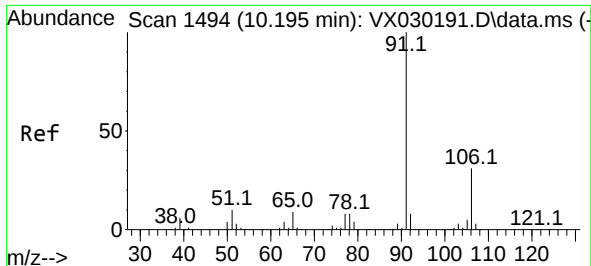
Tgt Ion: 95 Resp: 167058
Ion Ratio Lower Upper
95 100
174 69.8 0.0 149.0
176 68.7 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030279.D
Acq: 28 Jul 2022 18:55

Tgt Ion: 117 Resp: 247979
Ion Ratio Lower Upper
117 100
82 55.4 42.7 64.1
119 32.0 25.4 38.2

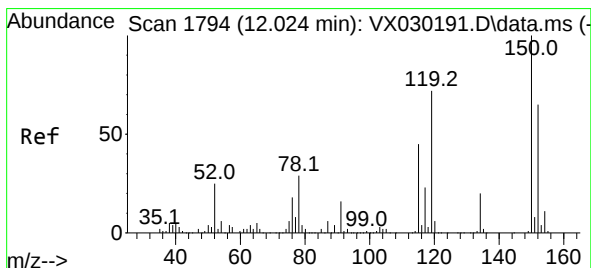
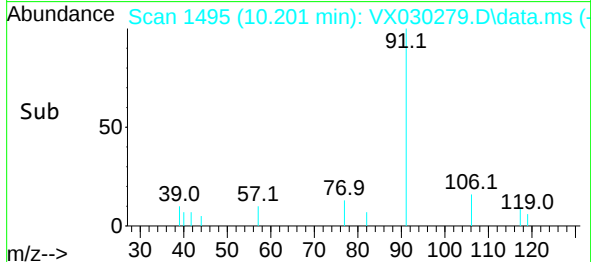
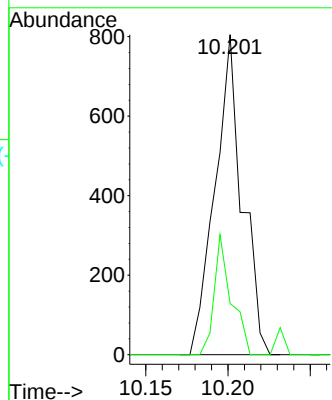
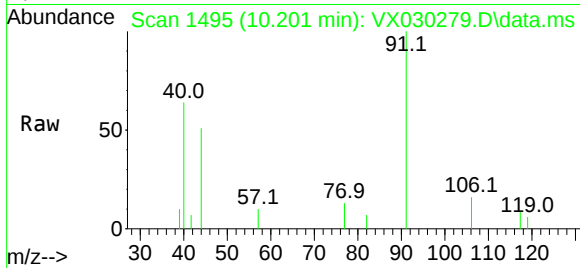




#67
Ethyl Benzene
Concen: Below Cal
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX030279.D
Acq: 28 Jul 2022 18:55

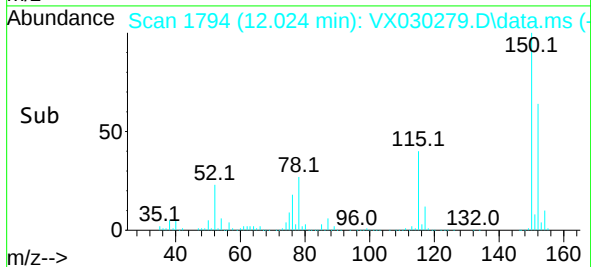
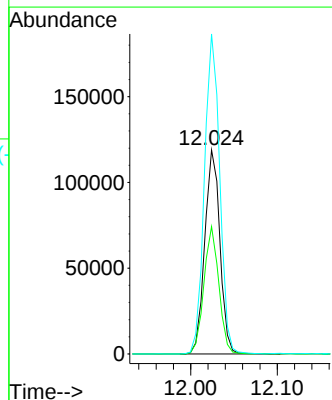
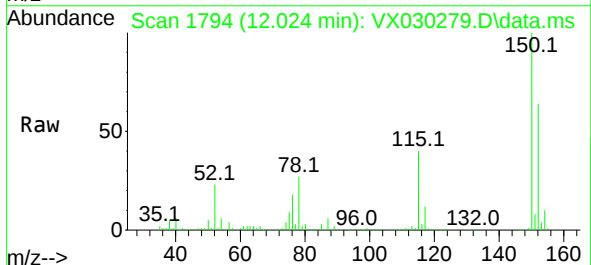
Instrument :
MSVOA_X
ClientSampleId :
DL-3(14.5-15)ME

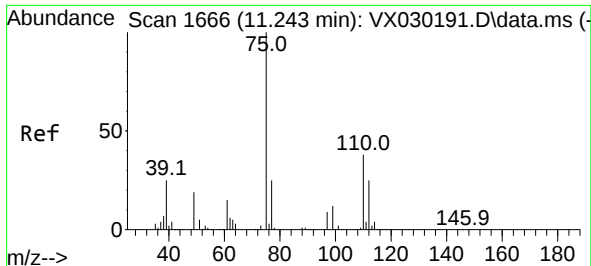
Tgt Ion: 91 Resp: 928
Ion Ratio Lower Upper
91 100
106 16.0 25.5 38.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030279.D
Acq: 28 Jul 2022 18:55

Tgt Ion:152 Resp: 144655
Ion Ratio Lower Upper
152 100
115 61.4 40.5 121.5
150 158.1 0.0 347.0

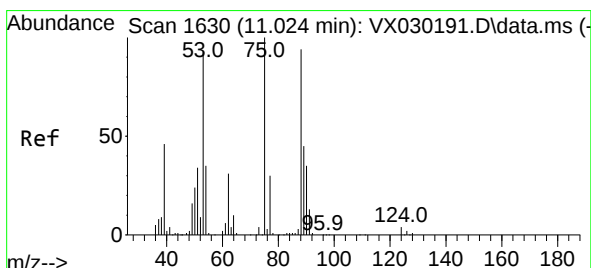
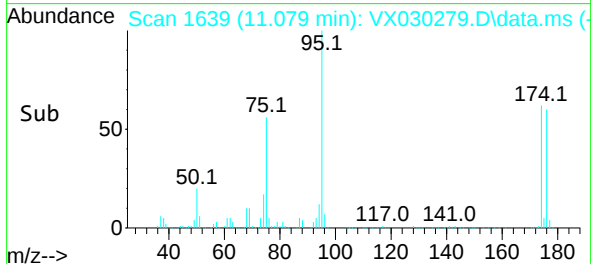
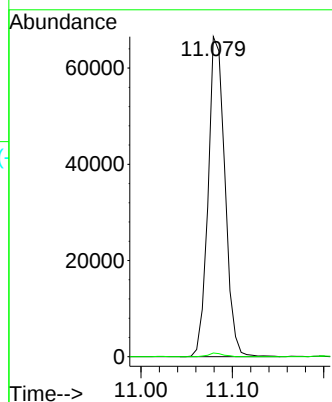
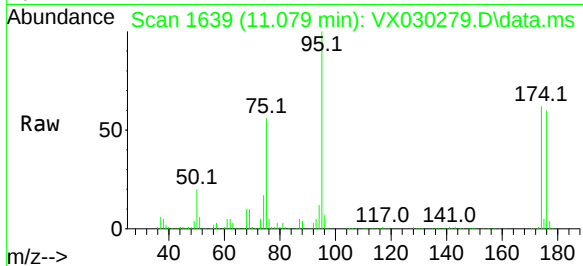




#76
1,2,3-Trichloropropane
Concen: 22.289 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX030279.D
Acq: 28 Jul 2022 18:55

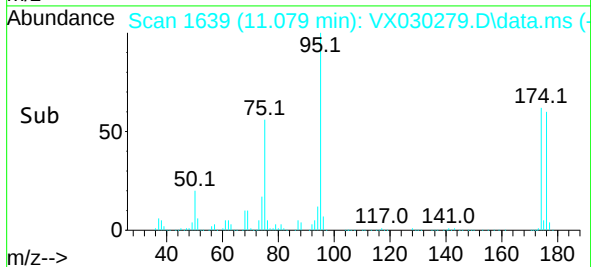
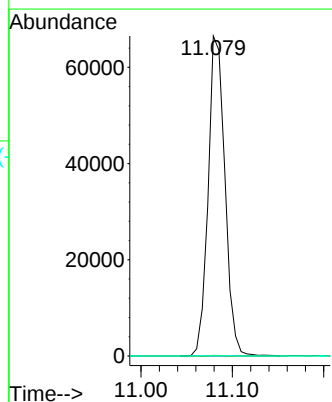
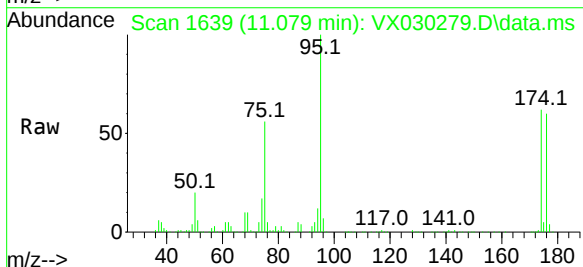
Instrument :
MSVOA_X
ClientSampleId :
DL-3(14.5-15)ME

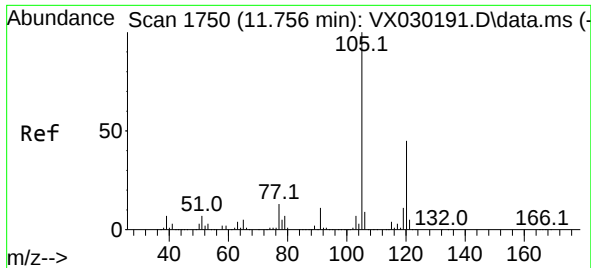
Tgt Ion: 75 Resp: 84990
Ion Ratio Lower Upper
75 100
77 1.0 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.866 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX030279.D
Acq: 28 Jul 2022 18:55

Tgt Ion: 75 Resp: 84990
Ion Ratio Lower Upper
75 100
53 0.1 74.2 111.4#
89 0.0 34.8 52.2#

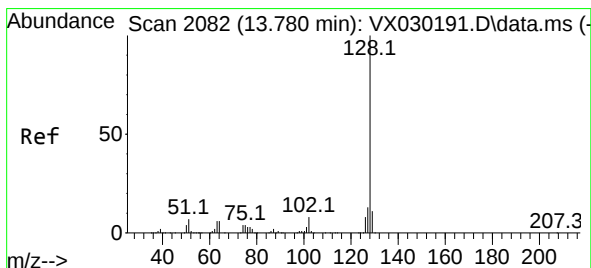
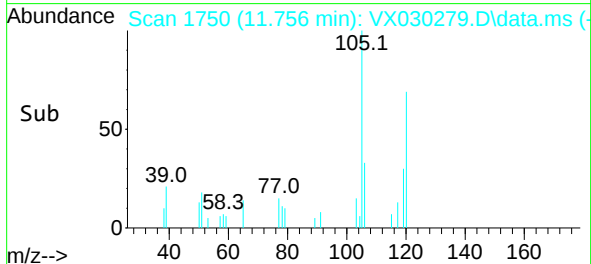
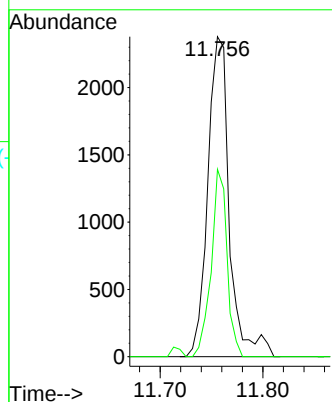
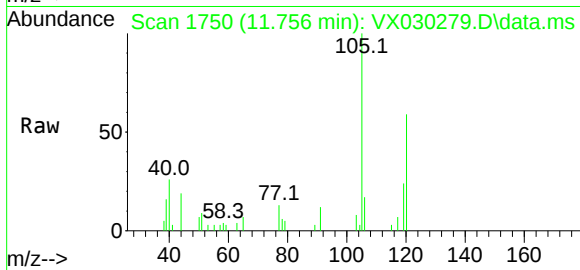




#84
 1,2,4-Trimethylbenzene
 Concen: 0.366 ug/l
 RT: 11.756 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX030279.D
 Acq: 28 Jul 2022 18:55

Instrument :
 MSVOA_X
 ClientSampleId :
 DL-3(14.5-15)ME

Tgt Ion:105 Resp: 3455
 Ion Ratio Lower Upper
 105 100
 120 43.0 22.9 68.8



#95
 Naphthalene
 Concen: 2.601 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. -0.000 min
 Lab File: VX030279.D
 Acq: 28 Jul 2022 18:55

Tgt Ion:128 Resp: 29805
 Ion Ratio Lower Upper
 128 100
 127 12.7 10.2 15.2
 129 11.0 8.6 13.0

