

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072523\
 Data File : VX036643.D
 Acq On : 25 Jul 2023 10:53
 Operator : JC/MD
 Sample : VX0725MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725MBL01

Quant Time: Jul 26 06:21:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

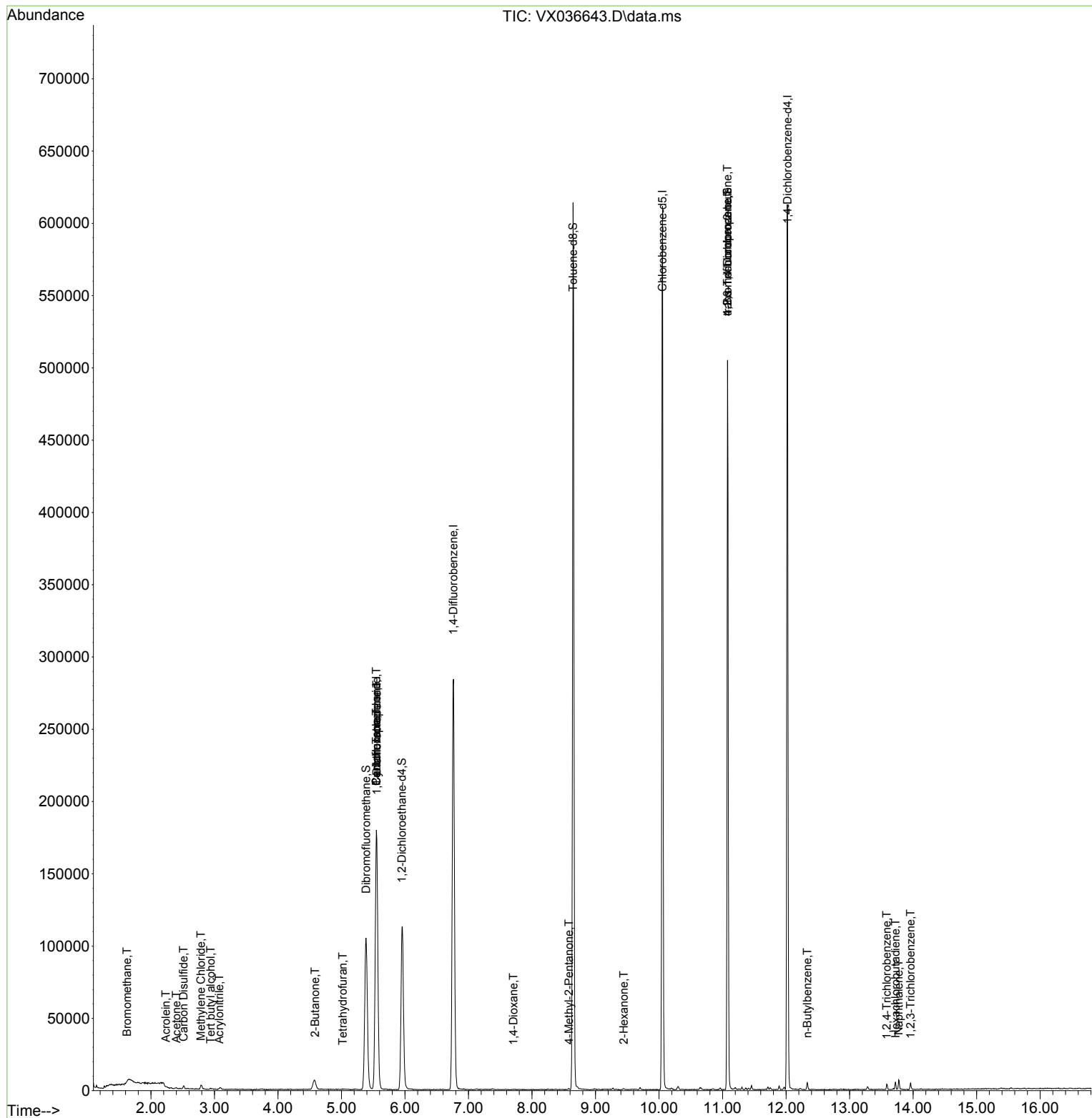
Internal Standards						
1) Pentafluorobenzene	5.550	168	167121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	293089	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	270838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	122732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	109720	44.371	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.740%		
35) Dibromofluoromethane	5.385	113	93419	46.373	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.740%		
50) Toluene-d8	8.647	98	352212	49.302	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.600%		
62) 4-Bromofluorobenzene	11.079	95	135212	50.166	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.340%		
Target Compounds						Qvalue
5) Bromomethane	1.624	94	390	0.320	ug/l #	30
11) Tert butyl alcohol	2.941	59	382	0.653	ug/l #	78
13) Acrolein	2.233	56	330	0.988	ug/l	92
15) Acrylonitrile	3.075	53	595	0.505	ug/l #	84
16) Acetone	2.398	43	777	0.757	ug/l	97
17) Carbon Disulfide	2.514	76	2456	0.476	ug/l	97
20) Methylene Chloride	2.788	84	1700	0.745	ug/l	85
25) 2-Butanone	4.587	43	755	0.454	ug/l #	51
29) Tetrahydrofuran	5.019	42	239	0.223	ug/l #	34
31) Cyclohexane	5.550	56	3608	1.054	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	13880	4.623	ug/l #	50
38) Carbon Tetrachloride	5.550	117	17413	5.455	ug/l #	14
49) 1,4-Dioxane	7.708	88	20	0.364	ug/l #	12
51) 4-Methyl-2-Pentanone	8.580	43	703	0.217	ug/l #	70
59) 2-Hexanone	9.445	43	701	0.292	ug/l	79
76) 1,2,3-Trichloropropane	11.079	75	70377	24.379	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	70377	55.256	ug/l #	5
89) n-Butylbenzene	12.335	91	1550	0.202	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	879	0.345	ug/l	88
94) Hexachlorobutadiene	13.725	225	723	0.686	ug/l	94
95) Naphthalene	13.774	128	4578	0.516	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	1130	0.450	ug/l	90

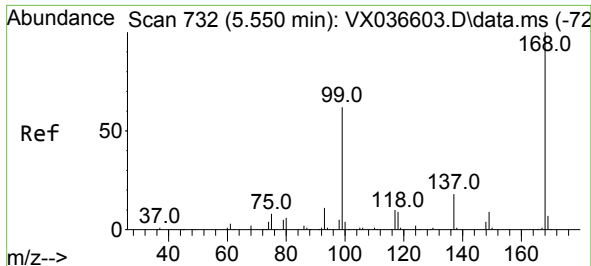
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072523\
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Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0725MBL01

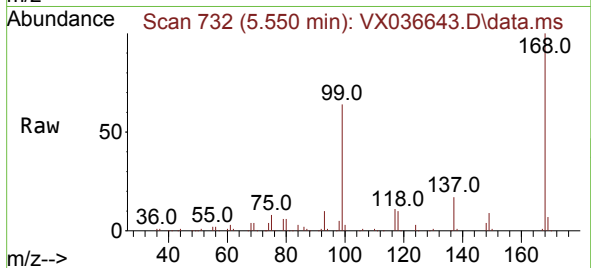
Quant Time: Jul 26 06:21:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration



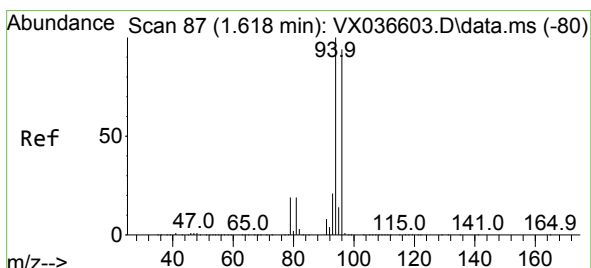
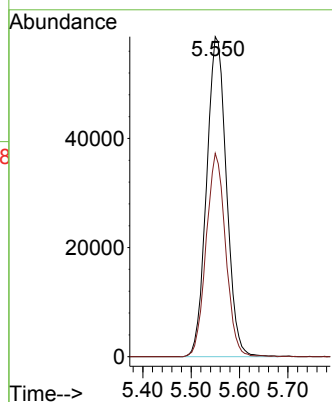
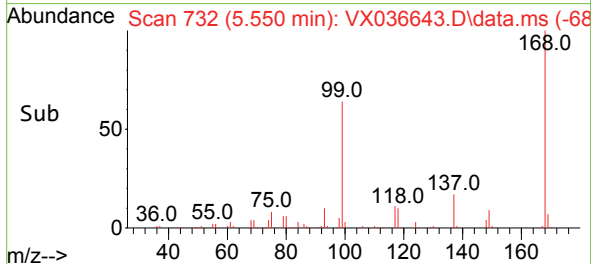


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036643.D
Acq: 25 Jul 2023 10:53

Instrument :
MSVOA_X
ClientSampleId :
VX0725MBL01

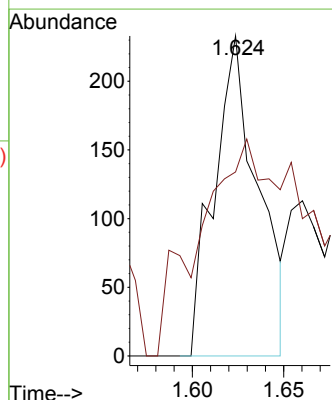
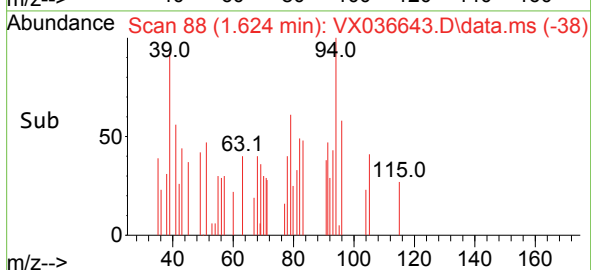
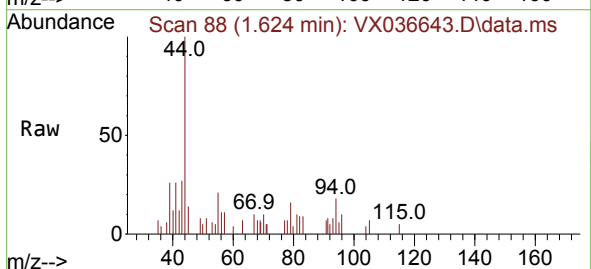


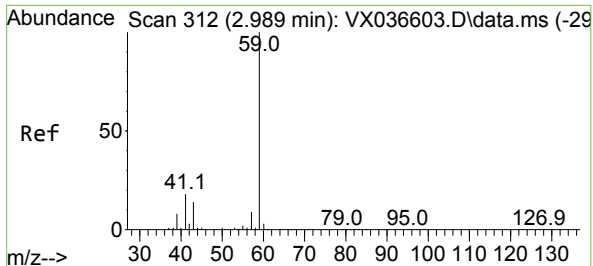
Tgt Ion:168 Resp: 167121
Ion Ratio Lower Upper
168 100
99 63.5 56.6 85.0



#5
Bromomethane
Concen: 0.320 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.006 min
Lab File: VX036643.D
Acq: 25 Jul 2023 10:53

Tgt Ion: 94 Resp: 390
Ion Ratio Lower Upper
94 100
96 26.2 74.6 111.8#





#11

Tert butyl alcohol

Concen: 0.653 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.049 min

Lab File: VX036643.D

Acq: 25 Jul 2023 10:53

Instrument :

MSVOA_X

ClientSampleId :

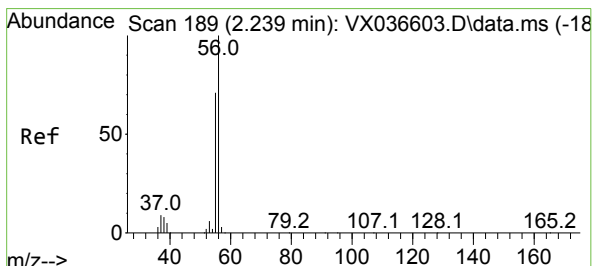
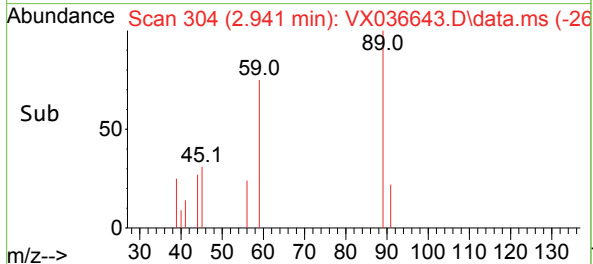
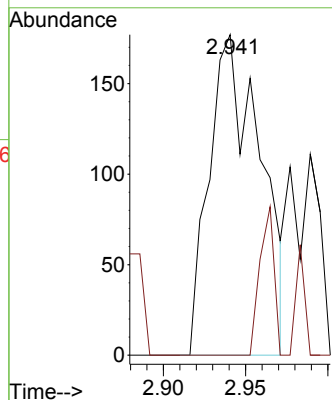
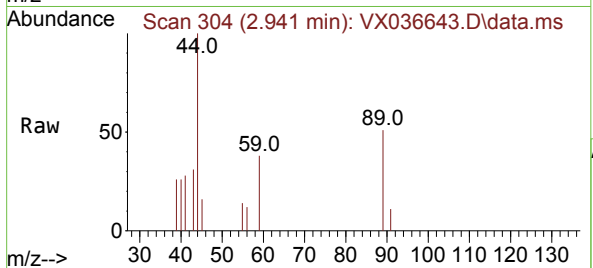
VX0725MBL01

Tgt Ion: 59 Resp: 382

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: 0.988 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.006 min

Lab File: VX036643.D

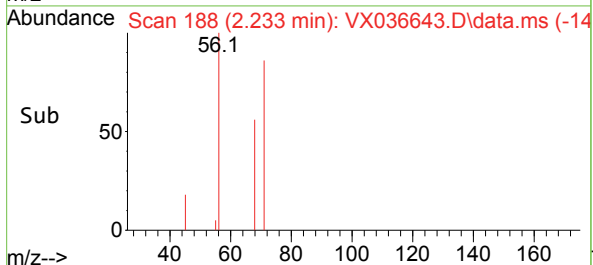
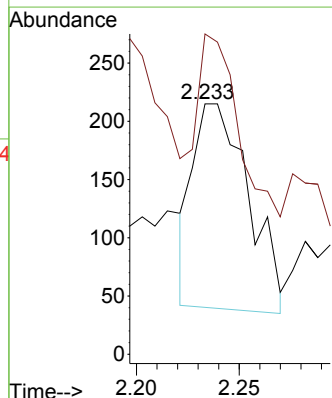
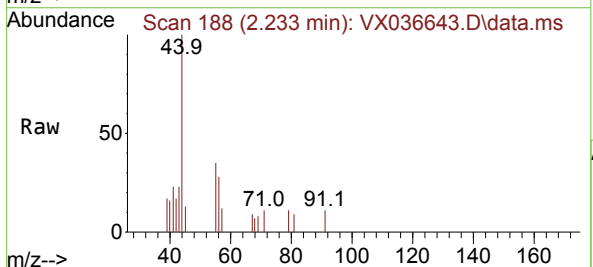
Acq: 25 Jul 2023 10:53

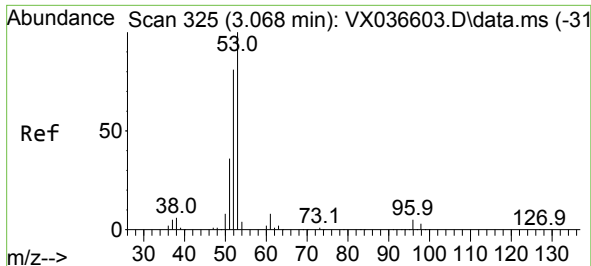
Tgt Ion: 56 Resp: 330

Ion Ratio Lower Upper

56 100

55 64.5 57.1 85.7

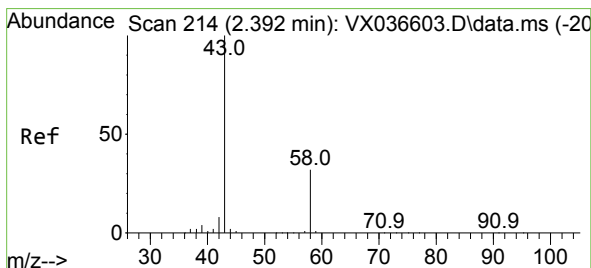
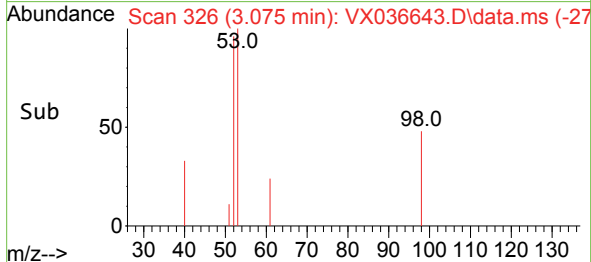
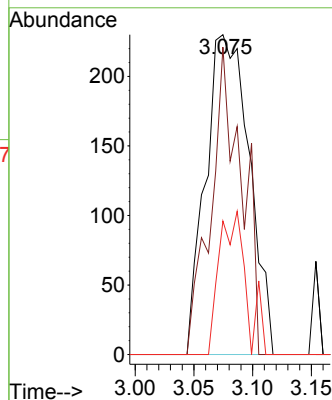
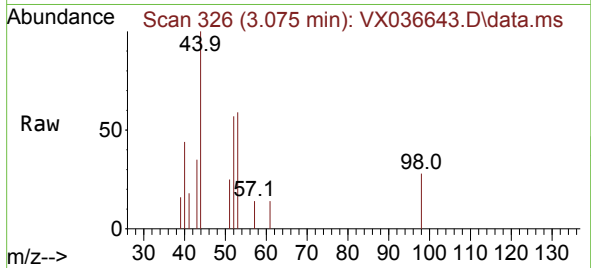




#15
 Acrylonitrile
 Concen: 0.505 ug/l
 RT: 3.075 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VX036643.D
 Acq: 25 Jul 2023 10:53

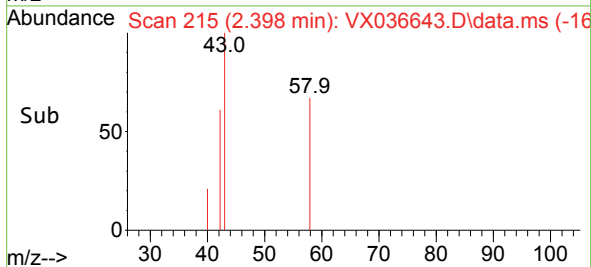
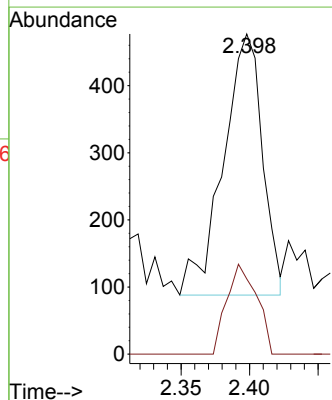
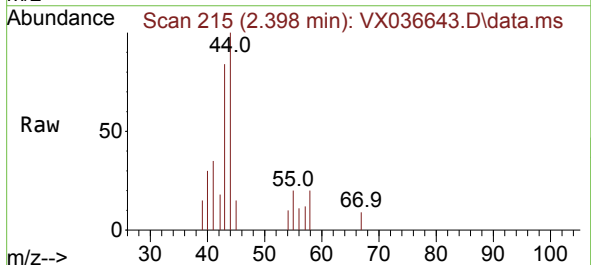
Instrument :
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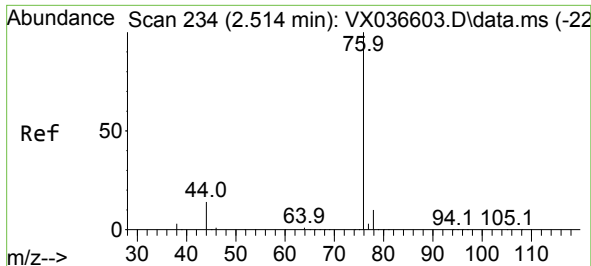
Tgt Ion: 53 Resp: 595
 Ion Ratio Lower Upper
 53 100
 52 68.1 66.0 99.0
 51 27.4 29.8 44.6#



#16
 Acetone
 Concen: 0.757 ug/l
 RT: 2.398 min Scan# 215
 Delta R.T. 0.006 min
 Lab File: VX036643.D
 Acq: 25 Jul 2023 10:53

Tgt Ion: 43 Resp: 777
 Ion Ratio Lower Upper
 43 100
 58 28.8 21.9 32.9

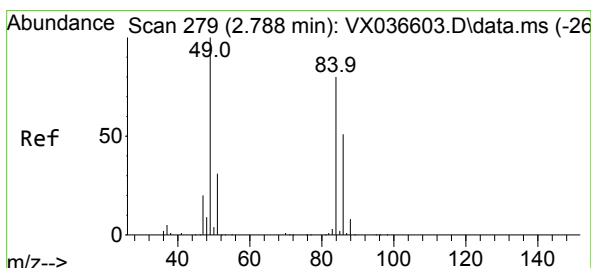
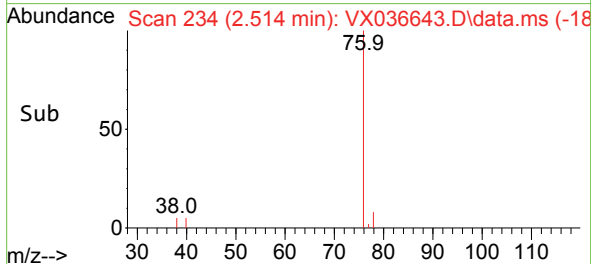
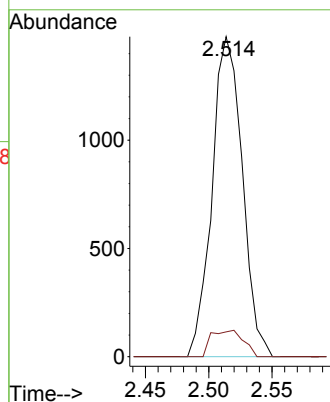
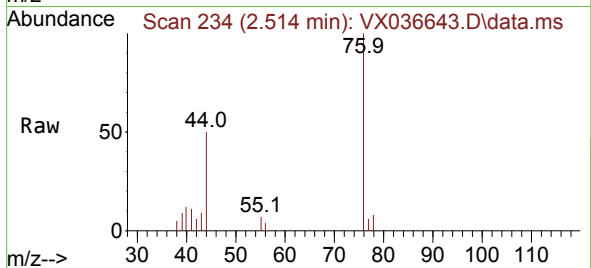




#17
Carbon Disulfide
Concen: 0.476 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036643.D
Acq: 25 Jul 2023 10:53

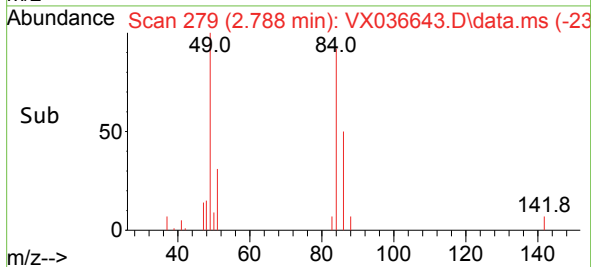
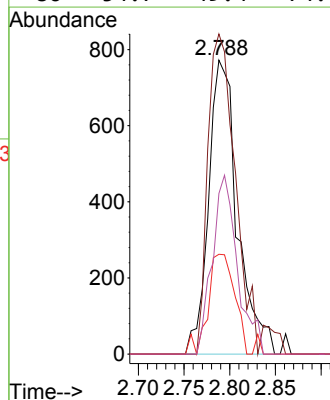
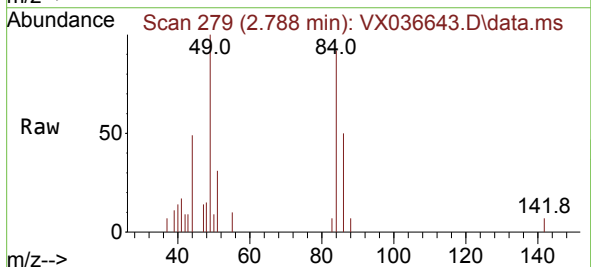
Instrument :
MSVOA_X
ClientSampleId :
VX0725MBL01

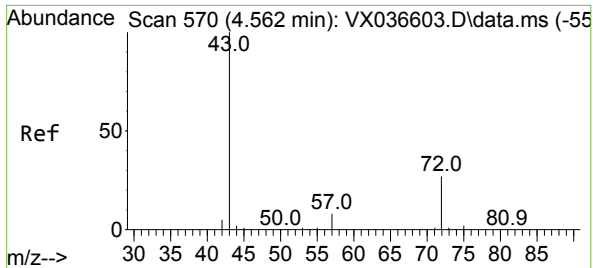
Tgt Ion: 76 Resp: 2456
Ion Ratio Lower Upper
76 100
78 7.8 7.0 10.6



#20
Methylene Chloride
Concen: 0.745 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036643.D
Acq: 25 Jul 2023 10:53

Tgt Ion: 84 Resp: 1700
Ion Ratio Lower Upper
84 100
49 108.9 103.6 155.4
51 33.9 33.8 50.6
86 54.7 49.4 74.0

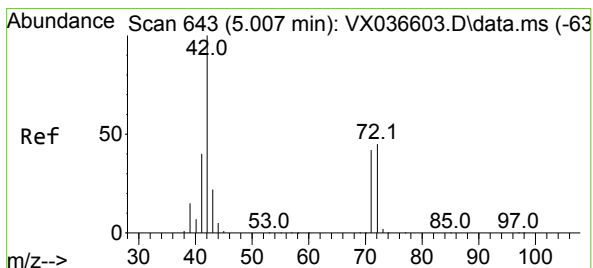
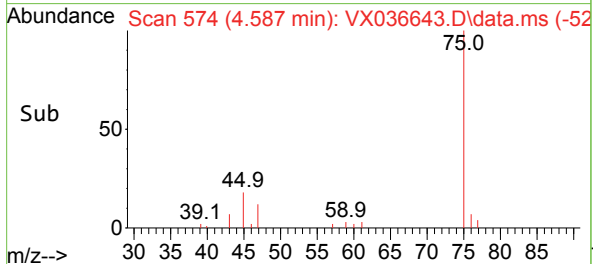
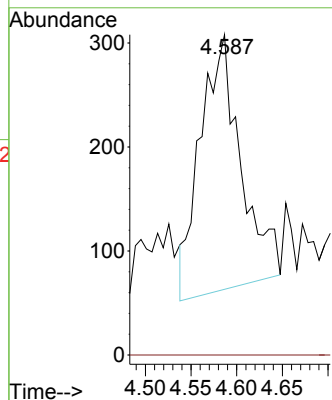
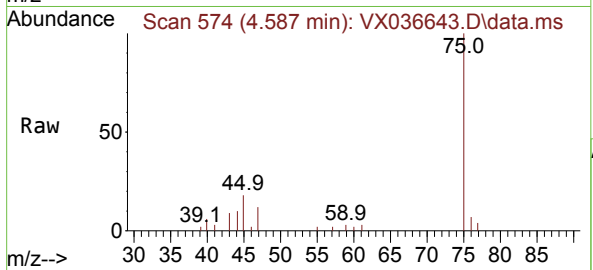




#25
2-Butanone
Concen: 0.454 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX036643.D
Acq: 25 Jul 2023 10:53

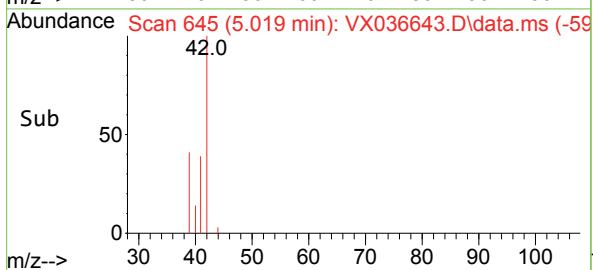
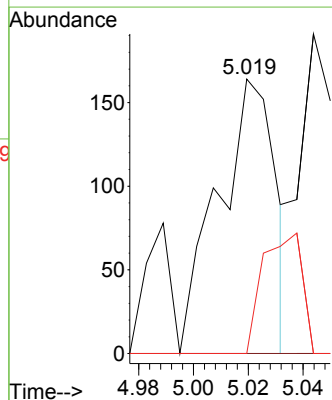
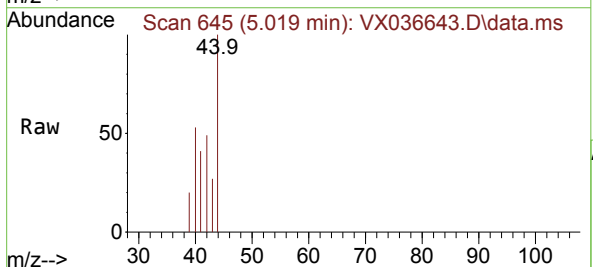
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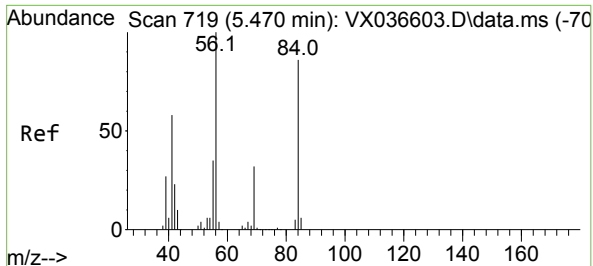
Tgt Ion: 43 Resp: 755
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#29
Tetrahydrofuran
Concen: 0.223 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.012 min
Lab File: VX036643.D
Acq: 25 Jul 2023 10:53

Tgt Ion: 42 Resp: 239
Ion Ratio Lower Upper
42 100
72 0.0 34.2 51.4#
71 0.0 32.2 48.2#

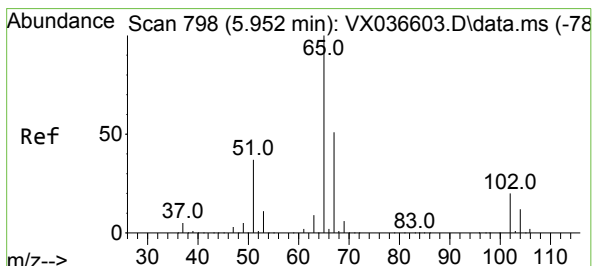
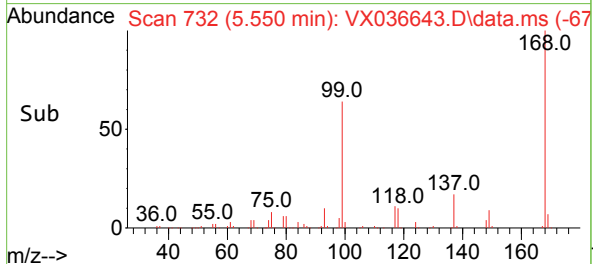
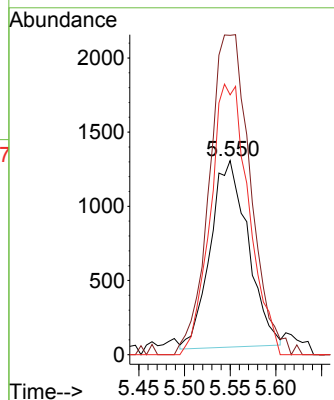
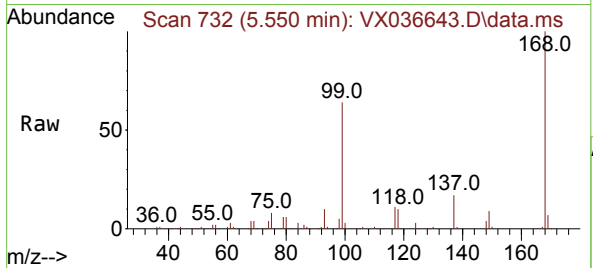




#31
Cyclohexane
Concen: 1.054 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX036643.D
Acq: 25 Jul 2023 10:53

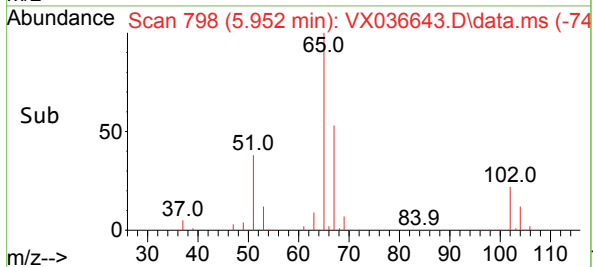
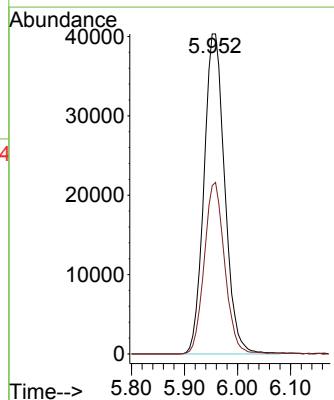
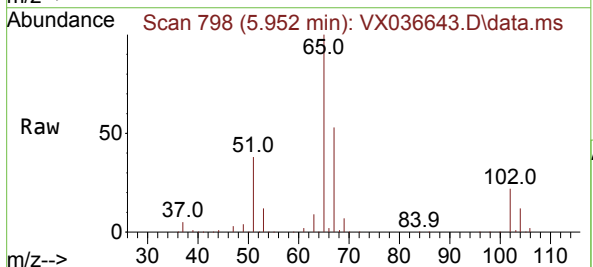
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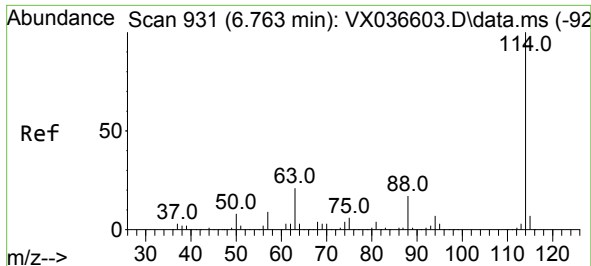
Tgt Ion: 56 Resp: 3608
Ion Ratio Lower Upper
56 100
69 167.4 23.4 35.2#
84 140.9 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 44.371 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX036643.D
Acq: 25 Jul 2023 10:53

Tgt Ion: 65 Resp: 109720
Ion Ratio Lower Upper
65 100
67 52.9 0.0 100.2

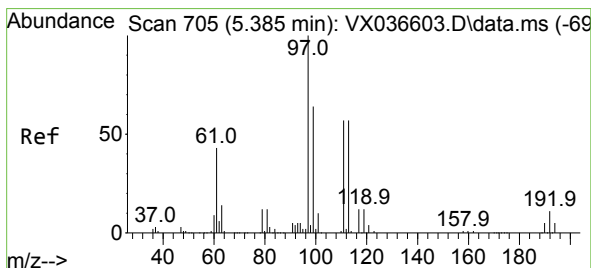
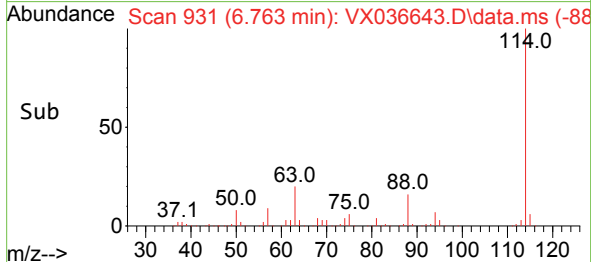
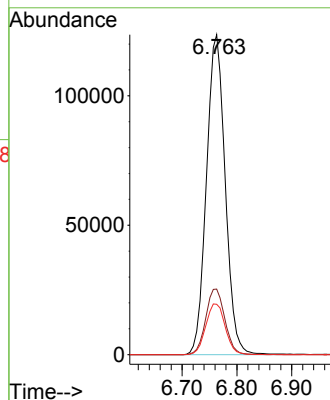
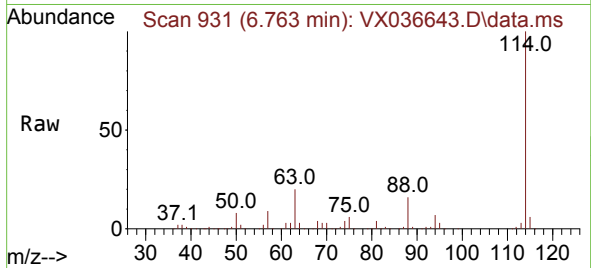




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX036643.D
Acq: 25 Jul 2023 10:53

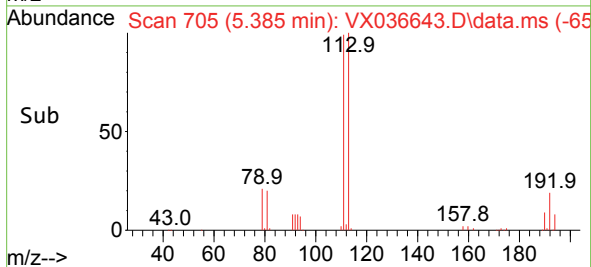
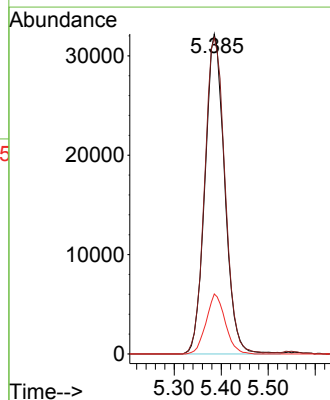
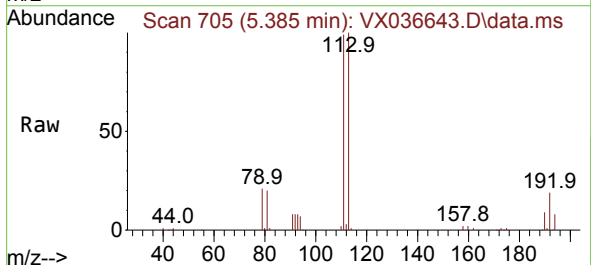
Instrument :
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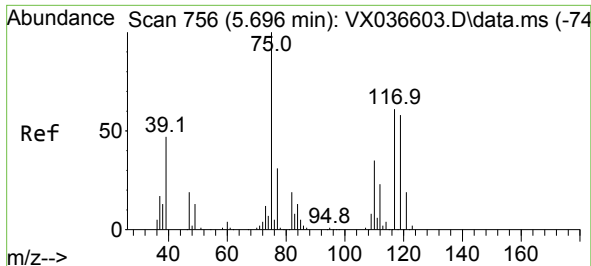
Tgt Ion:114 Resp: 293089
Ion Ratio Lower Upper
114 100
63 20.5 0.0 45.0
88 15.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.373 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036643.D
Acq: 25 Jul 2023 10:53

Tgt Ion:113 Resp: 93419
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 18.2 13.3 19.9

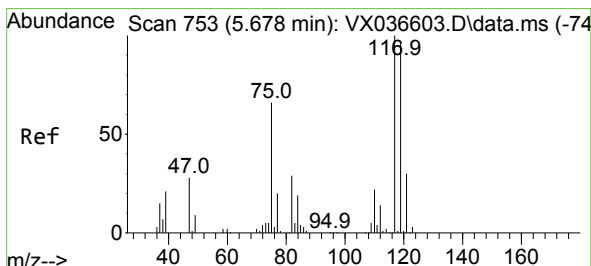
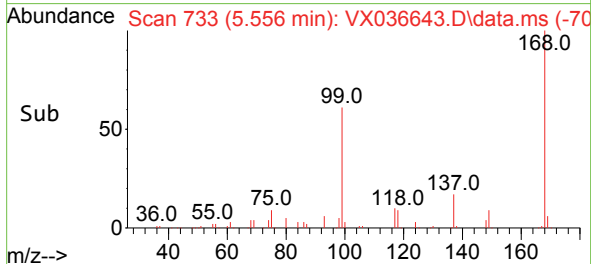
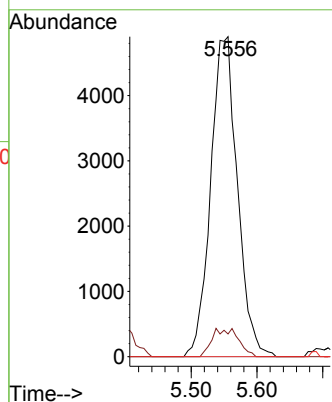
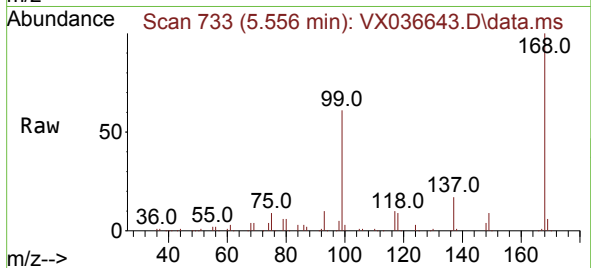




#36
1,1-Dichloropropene
Concen: 4.623 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX036643.D
Acq: 25 Jul 2023 10:53

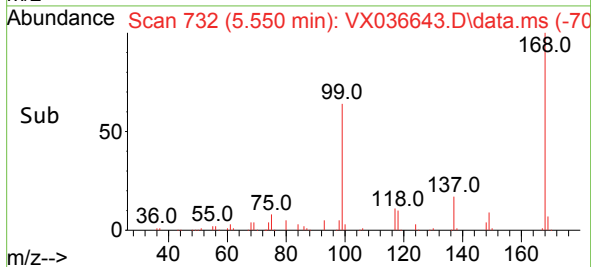
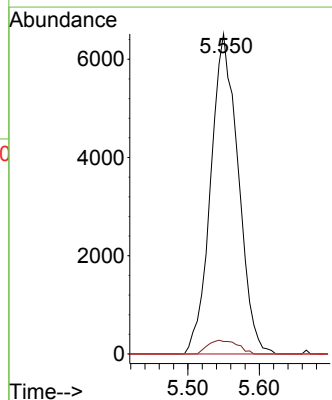
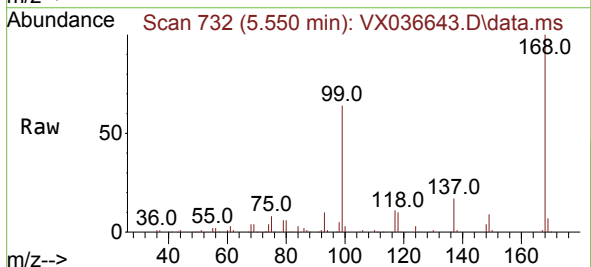
Instrument :
MSVOA_X
ClientSampleId :
VX0725MBL01

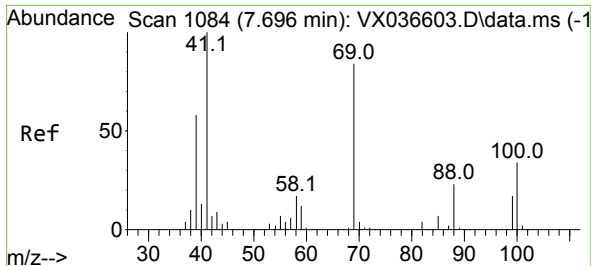
Tgt Ion: 75 Resp: 13880
Ion Ratio Lower Upper
75 100
110 8.6 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.455 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX036643.D
Acq: 25 Jul 2023 10:53

Tgt Ion: 117 Resp: 17413
Ion Ratio Lower Upper
117 100
119 3.9 78.2 117.2#
121 0.0 24.4 36.6#





#49

1,4-Dioxane

Concen: 0.364 ug/l

RT: 7.708 min Scan# 1086

Delta R.T. 0.012 min

Lab File: VX036643.D

Acq: 25 Jul 2023 10:53

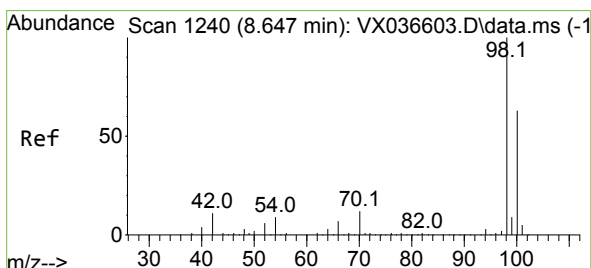
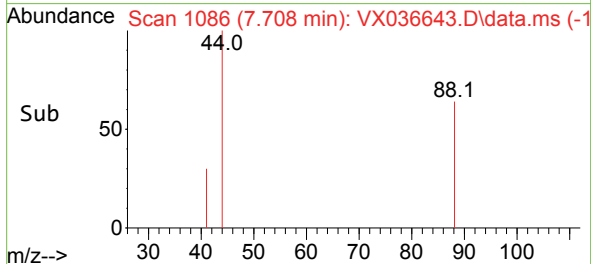
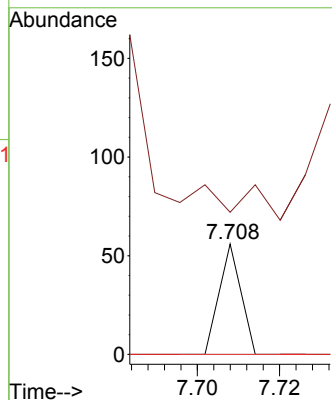
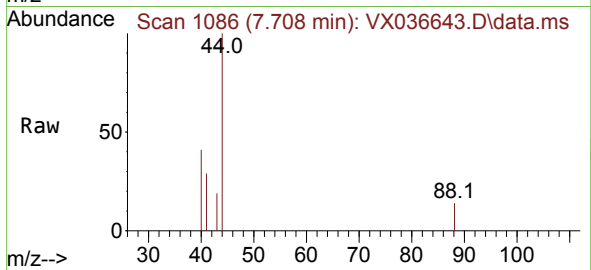
Instrument :

MSVOA_X

ClientSampleId :

VX0725MBL01

Tgt Ion:	88	Resp:	20
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	0.0	60.1	90.1



#50

Toluene-d8

Concen: 49.302 ug/l

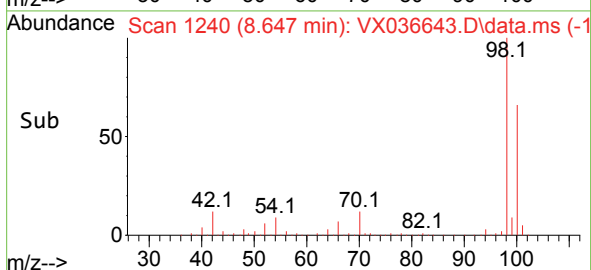
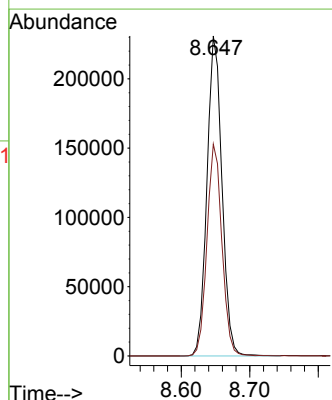
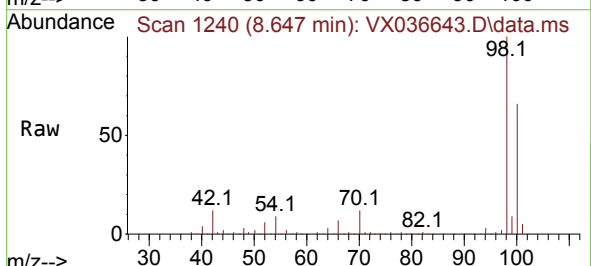
RT: 8.647 min Scan# 1240

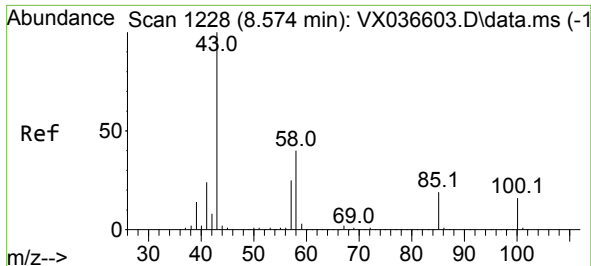
Delta R.T. 0.000 min

Lab File: VX036643.D

Acq: 25 Jul 2023 10:53

Tgt Ion:	98	Resp:	352212
Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 0.217 ug/l

RT: 8.580 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX036643.D

Acq: 25 Jul 2023 10:53

Instrument :

MSVOA_X

ClientSampleId :

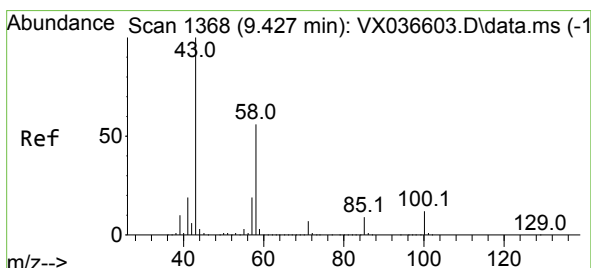
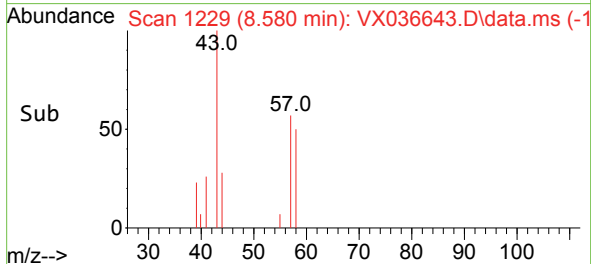
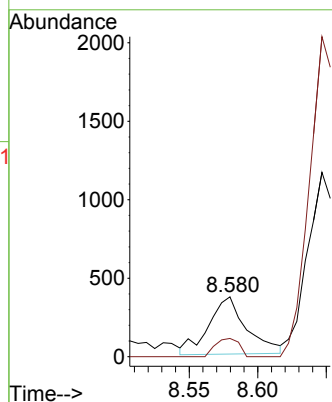
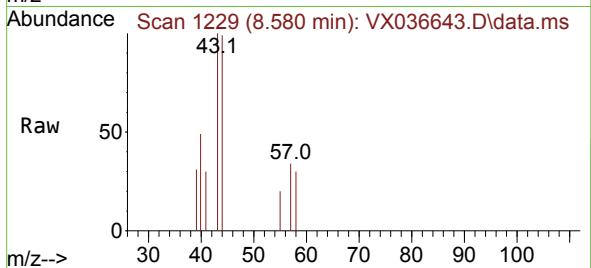
VX0725MBL01

Tgt Ion: 43 Resp: 703

Ion Ratio Lower Upper

43 100

58 19.8 30.4 45.6#



#59

2-Hexanone

Concen: 0.292 ug/l

RT: 9.445 min Scan# 1371

Delta R.T. 0.018 min

Lab File: VX036643.D

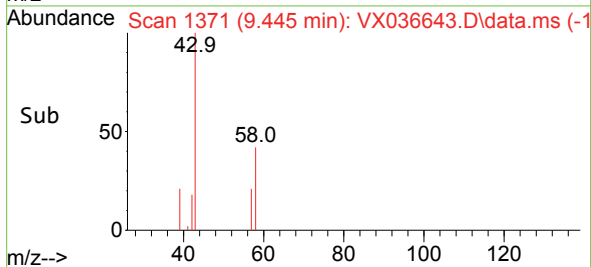
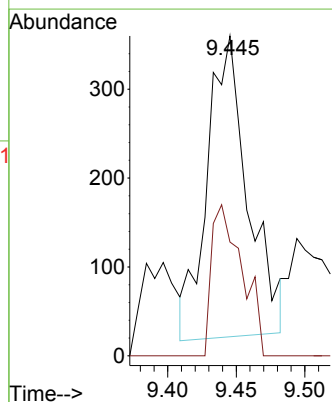
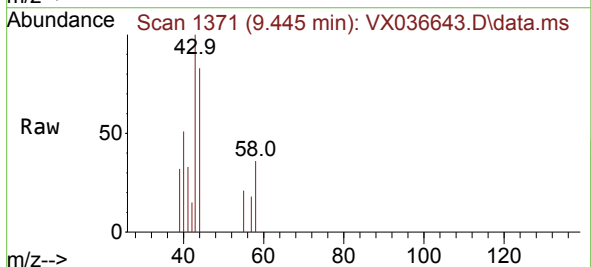
Acq: 25 Jul 2023 10:53

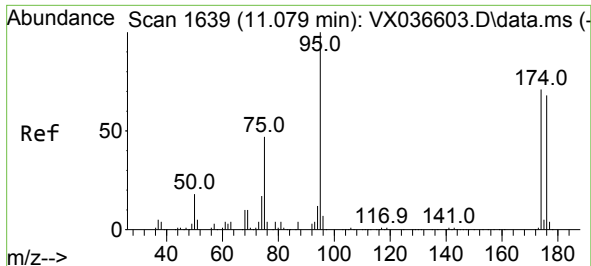
Tgt Ion: 43 Resp: 701

Ion Ratio Lower Upper

43 100

58 37.7 26.2 78.5

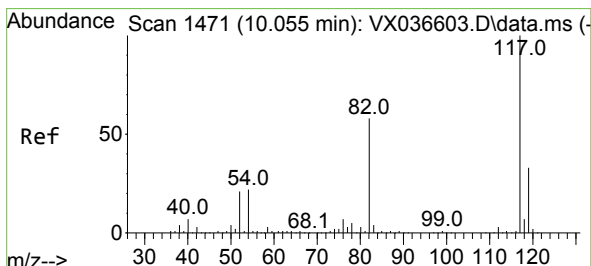
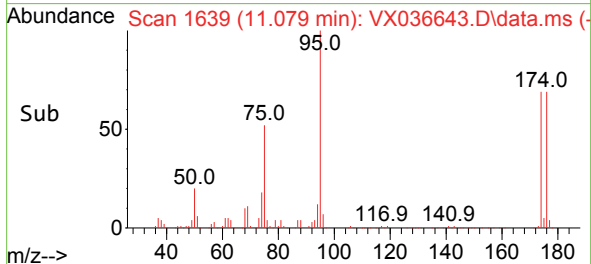
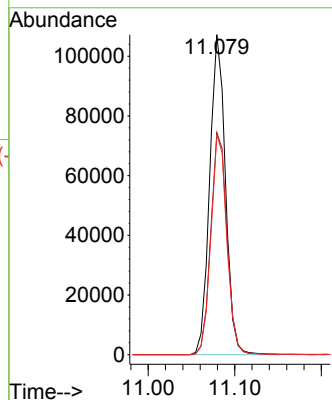
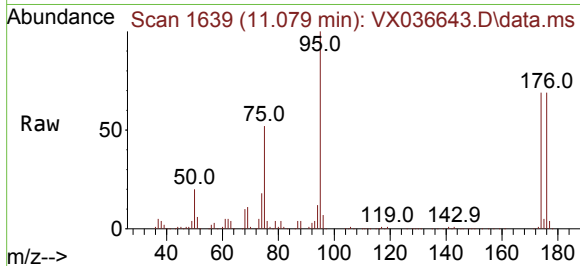




#62
4-Bromofluorobenzene
Concen: 50.166 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036643.D
Acq: 25 Jul 2023 10:53

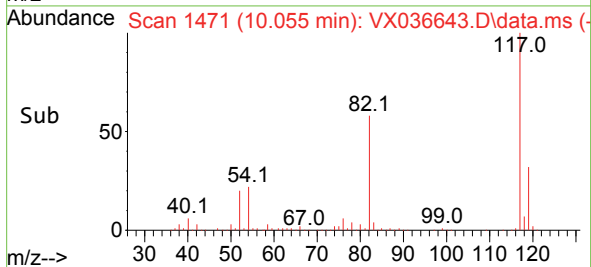
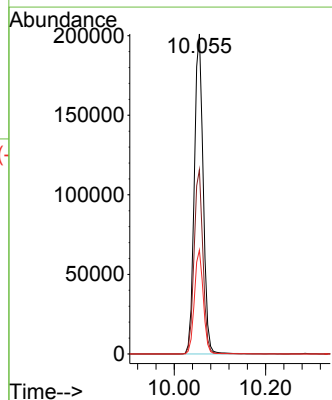
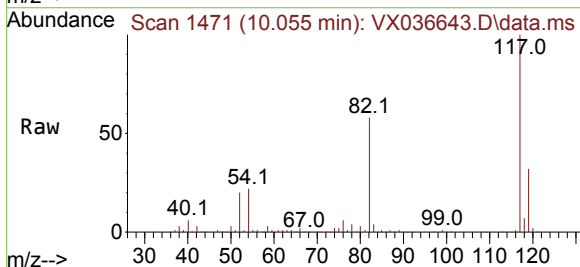
Instrument :
MSVOA_X
ClientSampleId :
VX0725MBL01

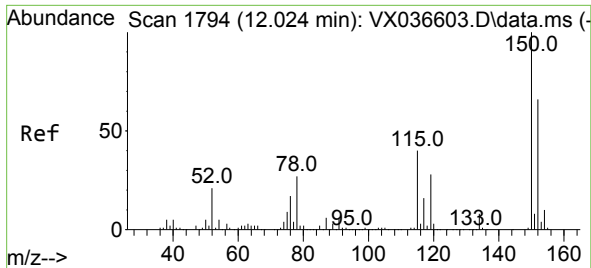
Tgt Ion: 95 Resp: 135212
Ion Ratio Lower Upper
95 100
174 71.8 0.0 135.6
176 69.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036643.D
Acq: 25 Jul 2023 10:53

Tgt Ion: 117 Resp: 270838
Ion Ratio Lower Upper
117 100
82 57.6 46.2 69.4
119 32.5 25.5 38.3

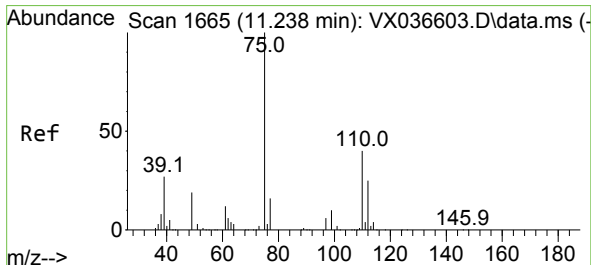
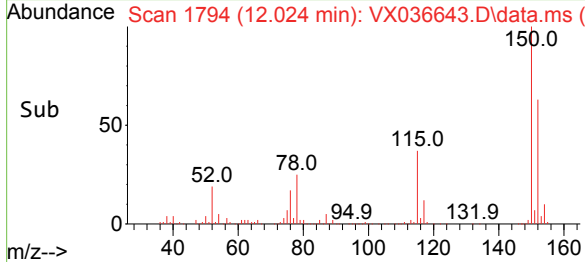
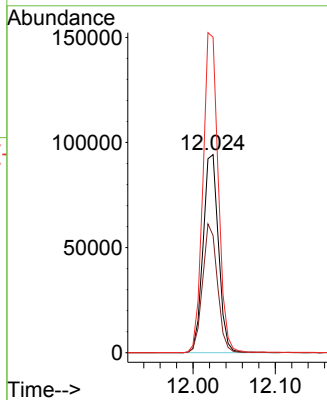
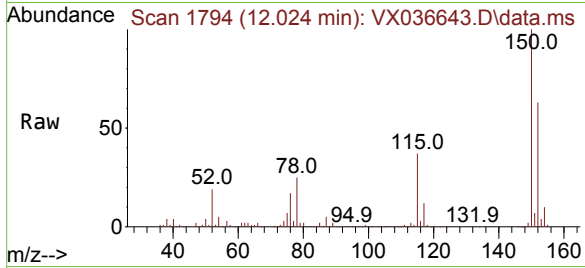




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX036643.D
 Acq: 25 Jul 2023 10:53

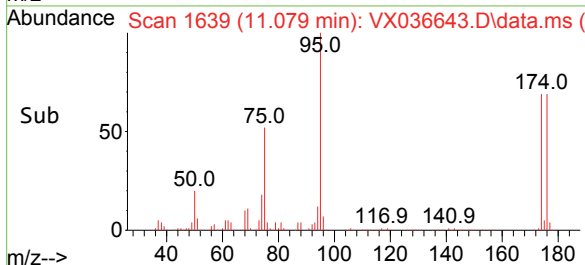
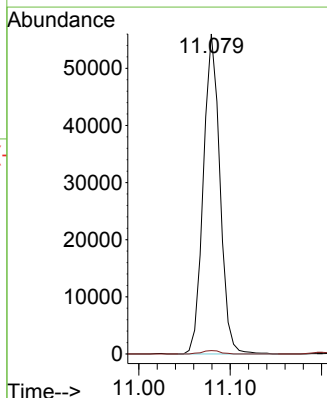
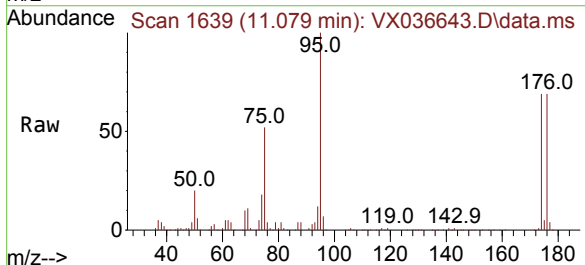
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725MBL01

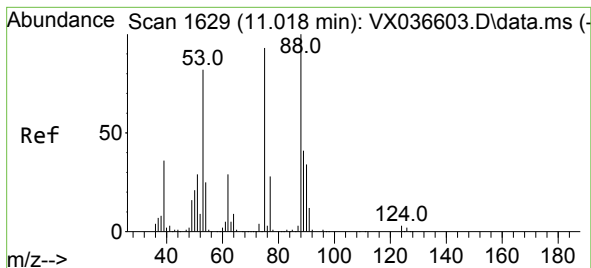
Tgt Ion:152 Resp: 122732
 Ion Ratio Lower Upper
 152 100
 115 62.7 43.3 129.9
 150 160.1 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 24.379 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX036643.D
 Acq: 25 Jul 2023 10:53

Tgt Ion: 75 Resp: 70377
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#

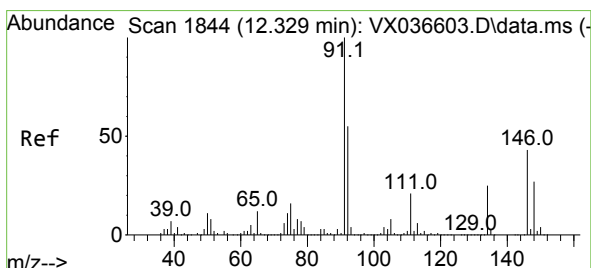
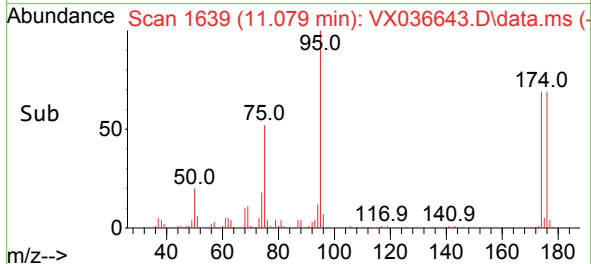
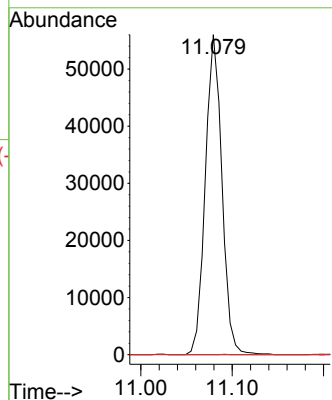
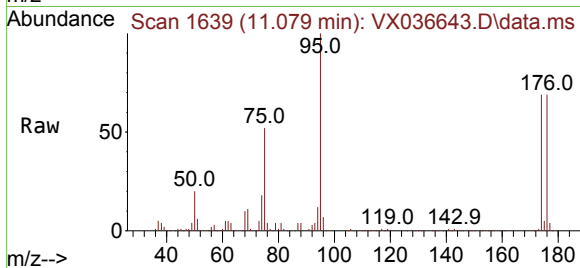




#81
trans-1,4-Dichloro-2-butene
Concen: 55.256 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036643.D
Acq: 25 Jul 2023 10:53

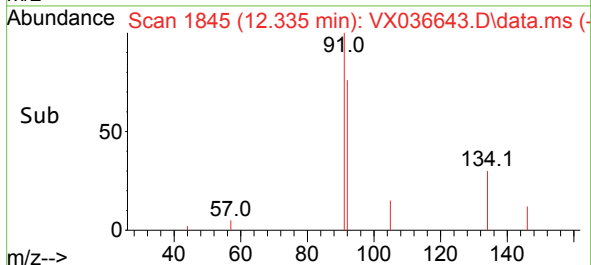
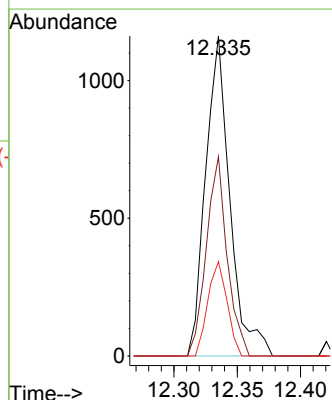
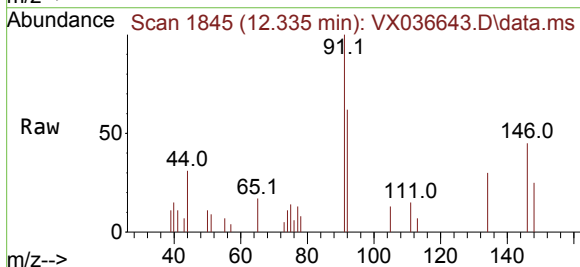
Instrument :
MSVOA_X
ClientSampleId :
VX0725MBL01

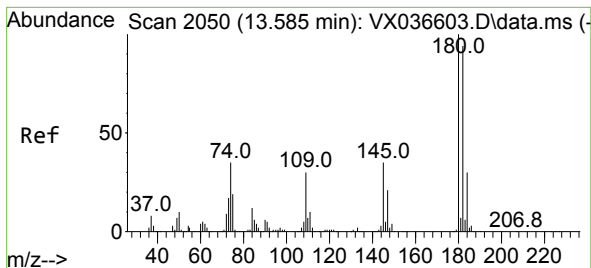
Tgt Ion: 75 Resp: 70377
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#89
n-Butylbenzene
Concen: 0.202 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX036643.D
Acq: 25 Jul 2023 10:53

Tgt Ion: 91 Resp: 1550
Ion Ratio Lower Upper
91 100
92 53.6 27.4 82.0
134 23.4 12.6 37.8





#93

1,2,4-Trichlorobenzene

Concen: 0.345 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX036643.D

Acq: 25 Jul 2023 10:53

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBL01

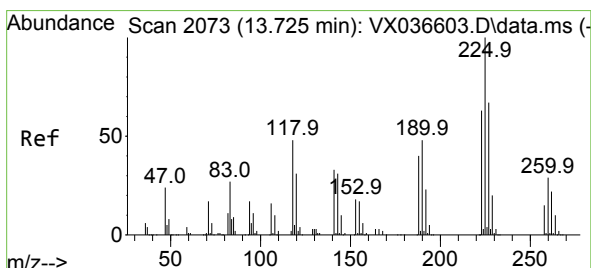
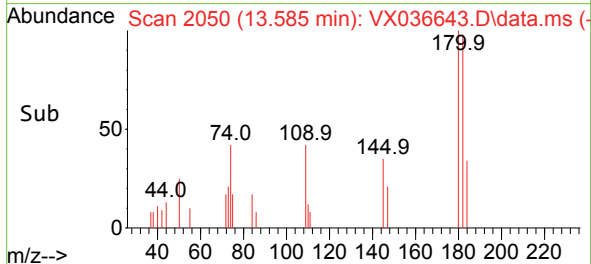
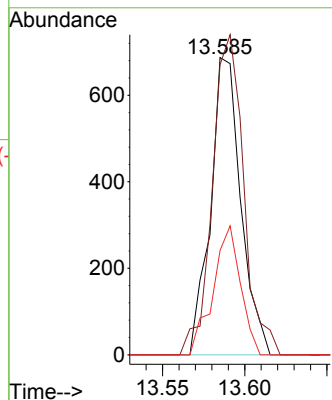
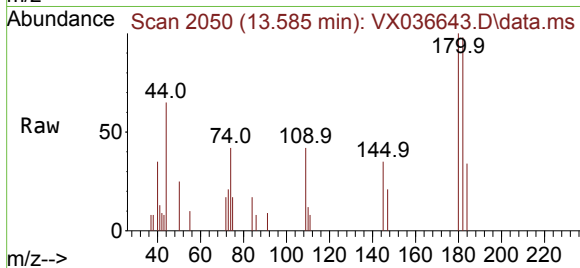
Tgt Ion:180 Resp: 879

Ion Ratio Lower Upper

180 100

182 111.1 48.3 144.8

145 39.4 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.686 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX036643.D

Acq: 25 Jul 2023 10:53

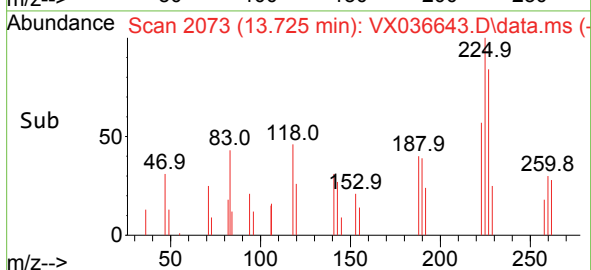
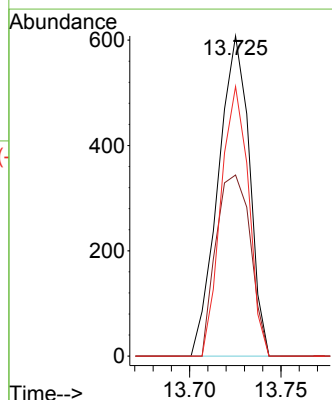
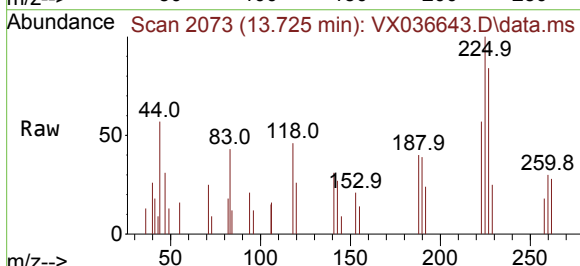
Tgt Ion:225 Resp: 723

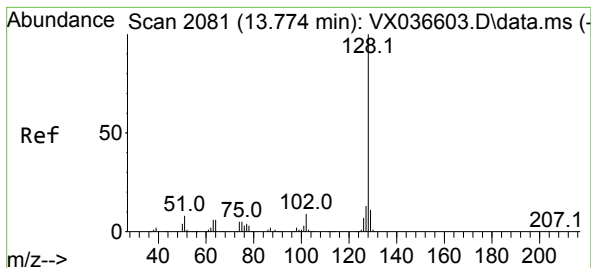
Ion Ratio Lower Upper

225 100

223 62.5 31.1 93.2

227 74.6 32.5 97.5

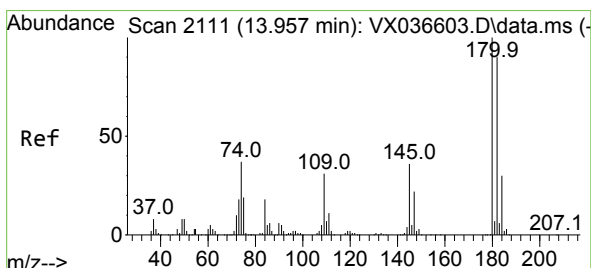
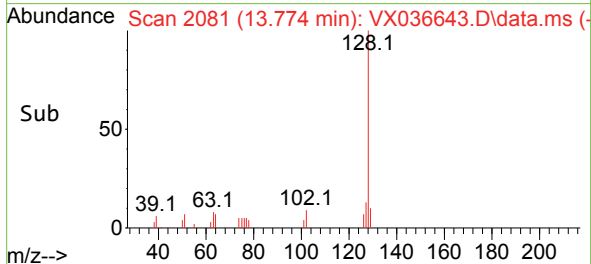
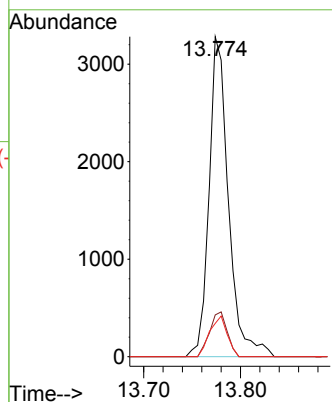
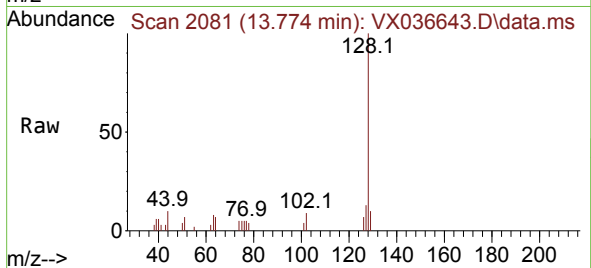




#95
Naphthalene
Concen: 0.516 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX036643.D
Acq: 25 Jul 2023 10:53

Instrument :
MSVOA_X
ClientSampleId :
VX0725MBL01

Tgt Ion:	128	Resp:	4578
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	11.5	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.450 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX036643.D
Acq: 25 Jul 2023 10:53

Tgt Ion:	180	Resp:	1130
Ion	Ratio	Lower	Upper
180	100		
182	106.5	46.9	140.6
145	37.1	17.8	53.5

