

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032923\
 Data File : VX034826.D
 Acq On : 29 Mar 2023 14:13
 Operator : JC/MD
 Sample : VX0329WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBL01

Quant Time: Apr 01 02:05:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

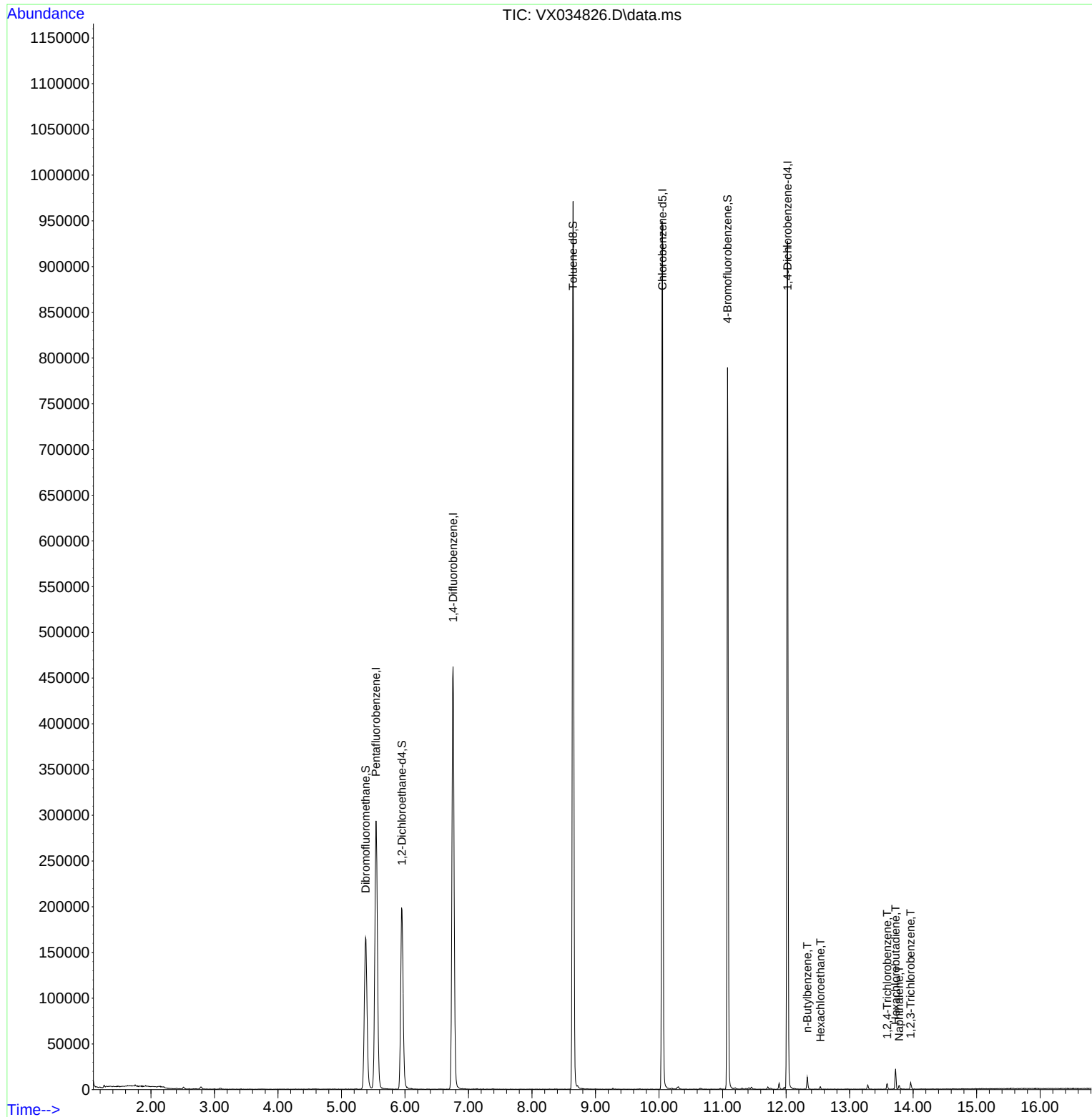
Internal Standards						
1) Pentafluorobenzene	5.543	168	271992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	462991	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	410636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	188645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	191181	45.960	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.920%
35) Dibromofluoromethane	5.379	113	145980	47.670	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.340%
50) Toluene-d8	8.646	98	556338	49.220	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.440%
62) 4-Bromofluorobenzene	11.079	95	204212	46.687	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.380%
Target Compounds						
					Qvalue	
89) n-Butylbenzene	12.335	91	4970	0.517	ug/l	93
90) Hexachloroethane	12.542	117	402	0.236	ug/l	67
93) 1,2,4-Trichlorobenzene	13.591	180	1584	0.448	ug/l	88
94) Hexachlorobutadiene	13.725	225	2854	1.837	ug/l	97
95) Naphthalene	13.780	128	3099	0.247	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	1861	0.522	ug/l	98

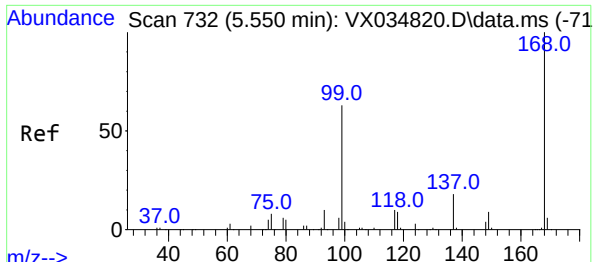
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 01 02:05:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration

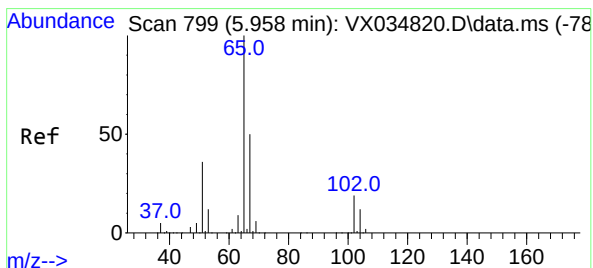
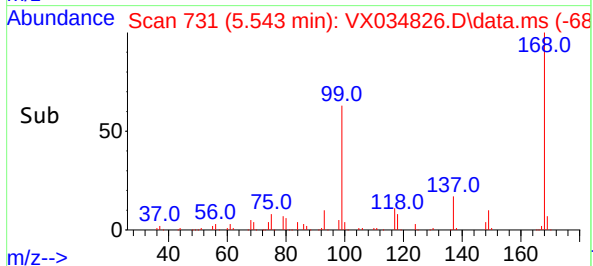
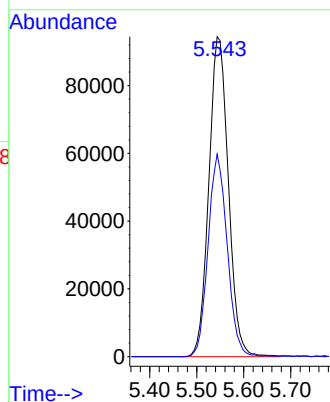
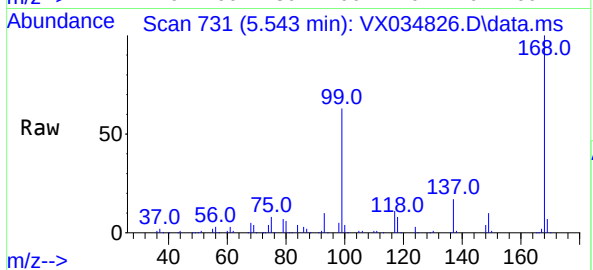




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX034826.D
Acq: 29 Mar 2023 14:13

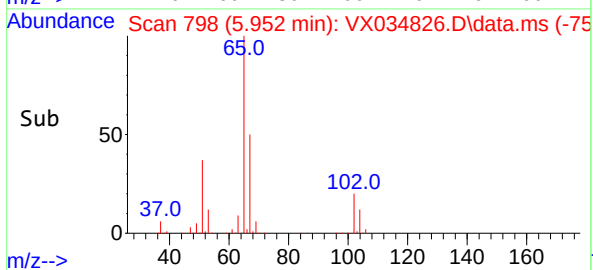
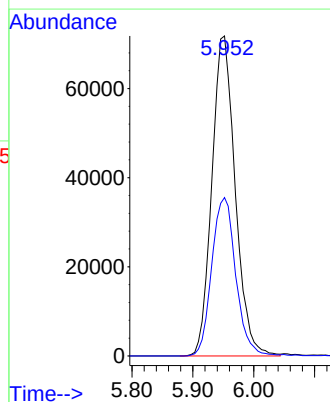
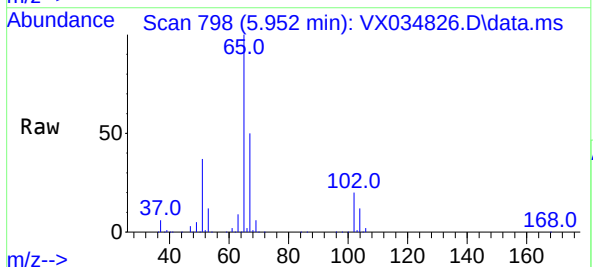
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBL01

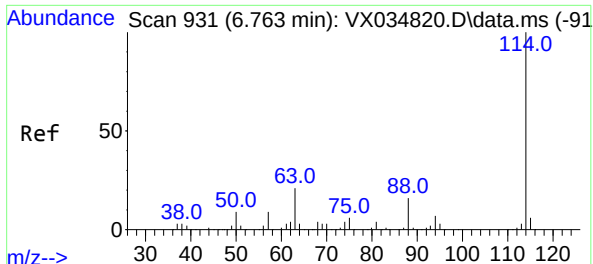
Tgt Ion:168 Resp: 271992
Ion Ratio Lower Upper
168 100
99 63.3 45.7 68.5



#33
1,2-Dichloroethane-d4
Concen: 45.960 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX034826.D
Acq: 29 Mar 2023 14:13

Tgt Ion: 65 Resp: 191181
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX034826.D

Acq: 29 Mar 2023 14:13

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBL01

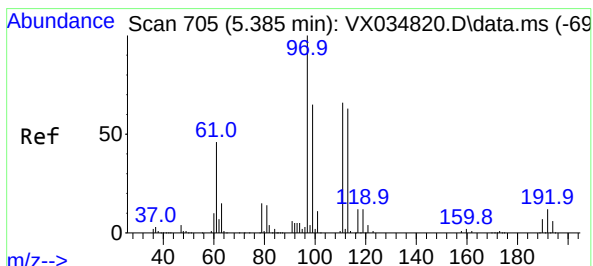
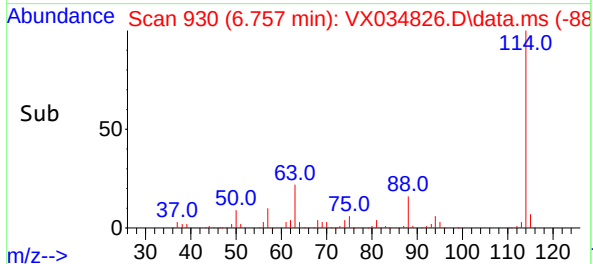
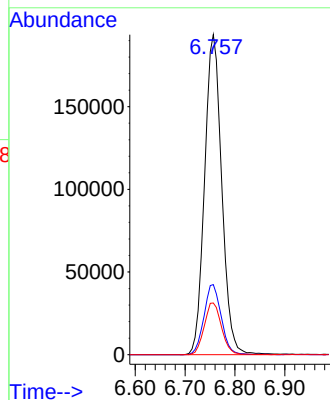
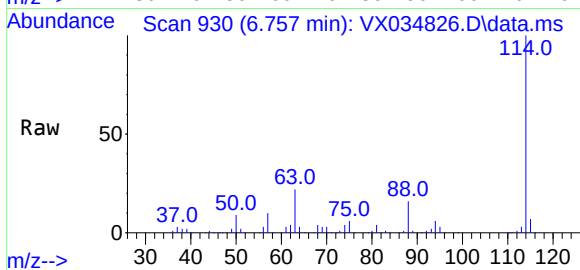
Tgt Ion:114 Resp: 462991

Ion Ratio Lower Upper

114 100

63 21.9 0.0 42.2

88 16.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 47.670 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX034826.D

Acq: 29 Mar 2023 14:13

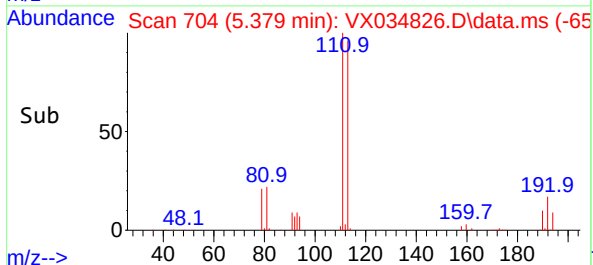
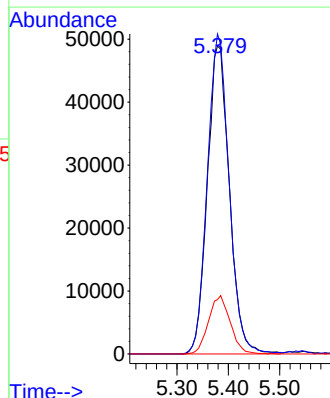
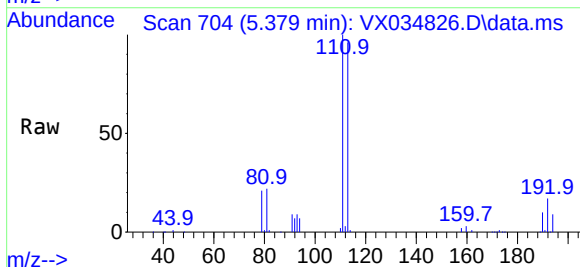
Tgt Ion:113 Resp: 145980

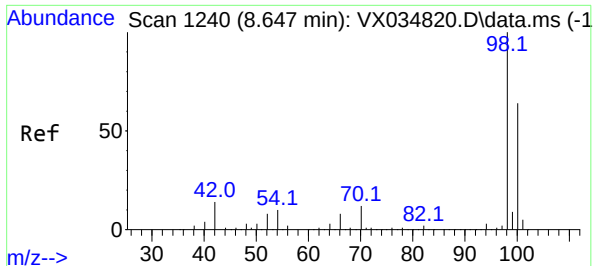
Ion Ratio Lower Upper

113 100

111 102.3 83.7 125.5

192 18.6 15.4 23.2

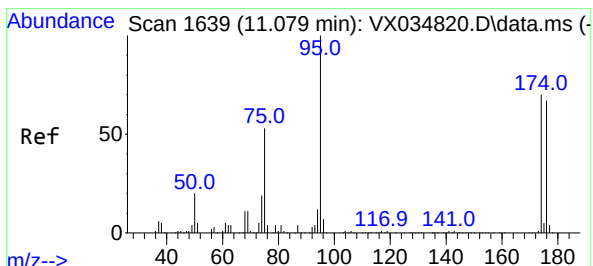
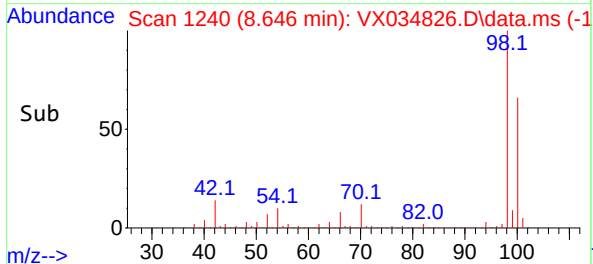
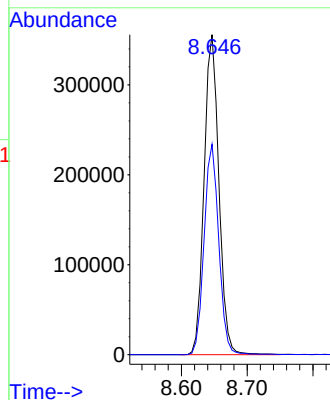
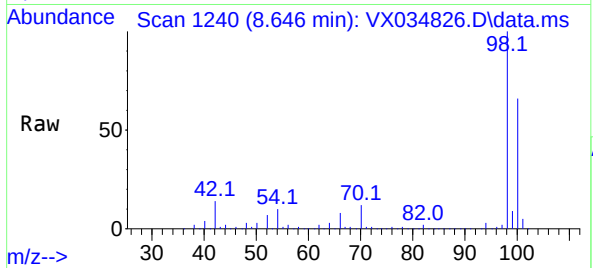




#50
Toluene-d8
Concen: 49.220 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034826.D
Acq: 29 Mar 2023 14:13

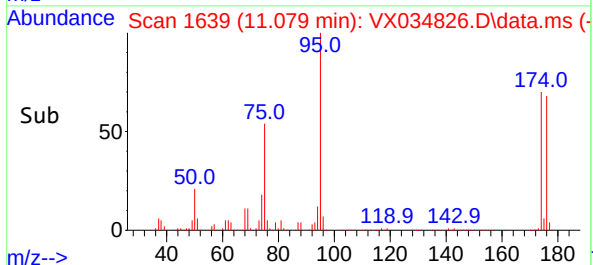
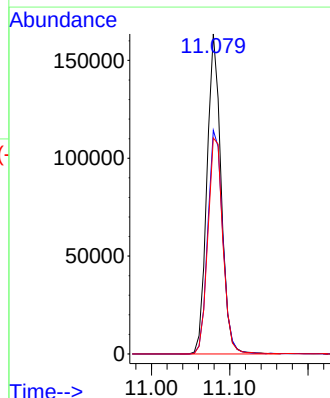
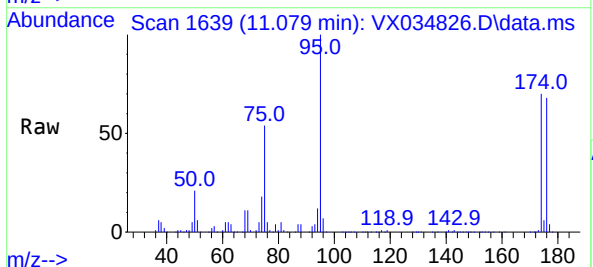
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBL01

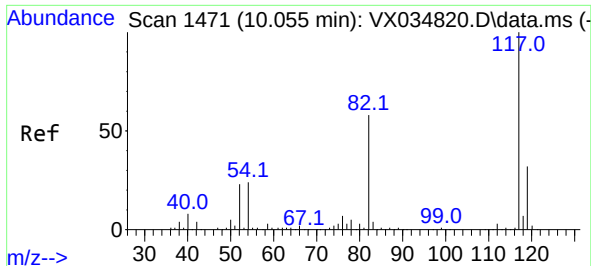
Tgt Ion: 98 Resp: 556338
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 46.687 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034826.D
Acq: 29 Mar 2023 14:13

Tgt Ion: 95 Resp: 204212
Ion Ratio Lower Upper
95 100
174 73.7 0.0 147.4
176 71.9 0.0 140.6

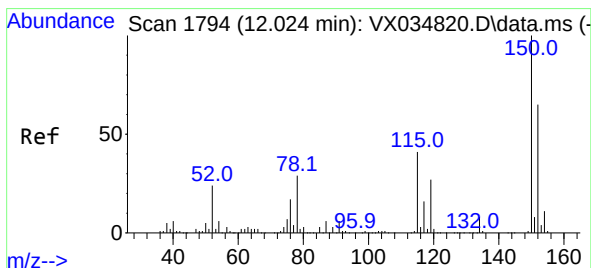
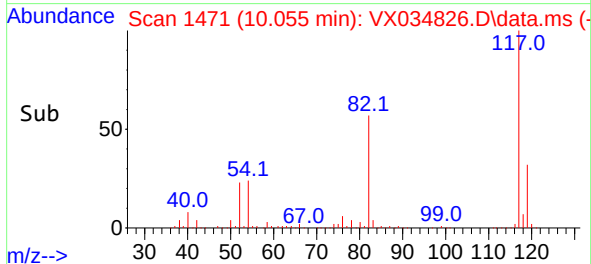
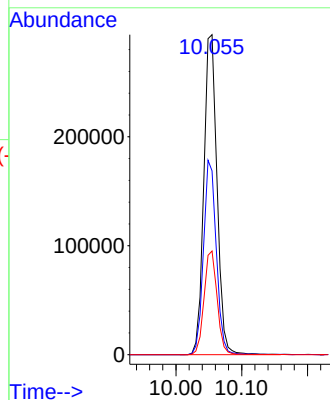
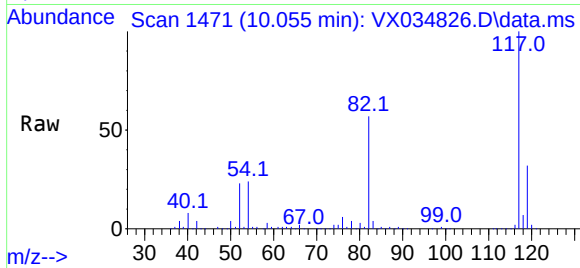




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034826.D
Acq: 29 Mar 2023 14:13

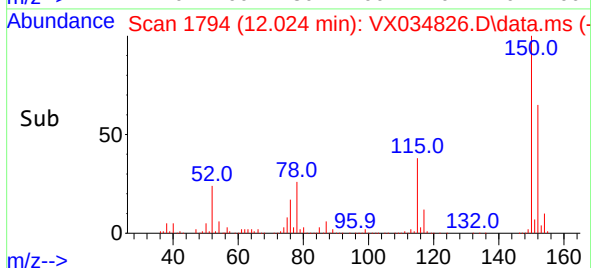
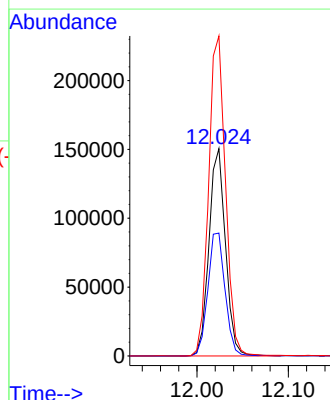
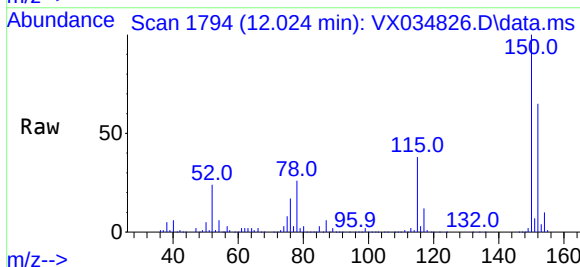
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBL01

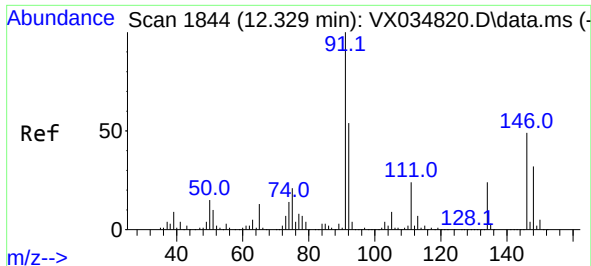
Tgt Ion:117 Resp: 410636
Ion Ratio Lower Upper
117 100
82 57.4 45.0 67.4
119 32.4 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034826.D
Acq: 29 Mar 2023 14:13

Tgt Ion:152 Resp: 188645
Ion Ratio Lower Upper
152 100
115 61.7 45.0 135.0
150 157.6 0.0 352.4

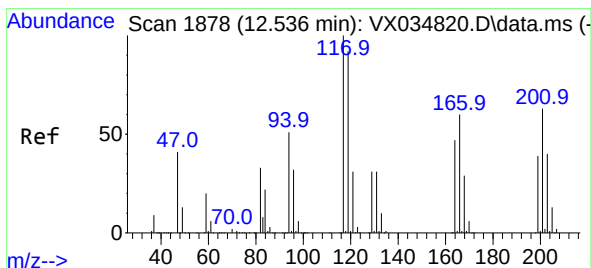
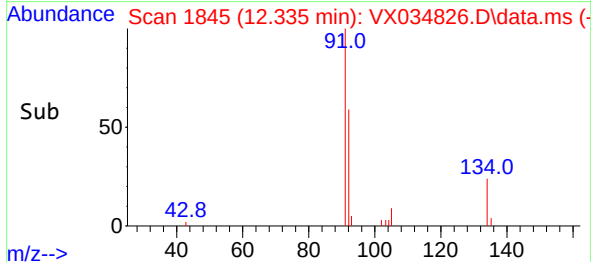
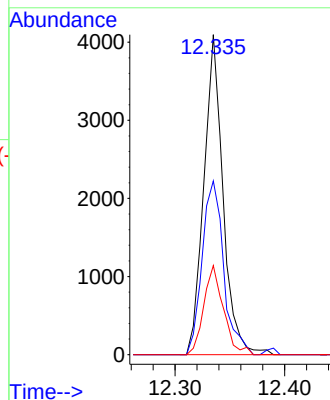
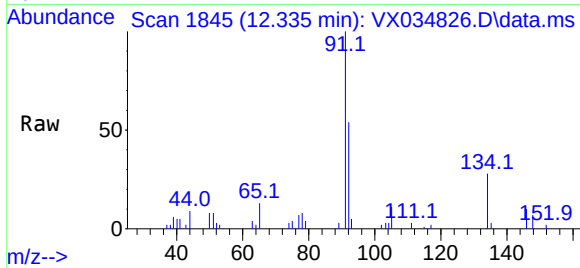




#89
n-Butylbenzene
Concen: 0.517 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX034826.D
Acq: 29 Mar 2023 14:13

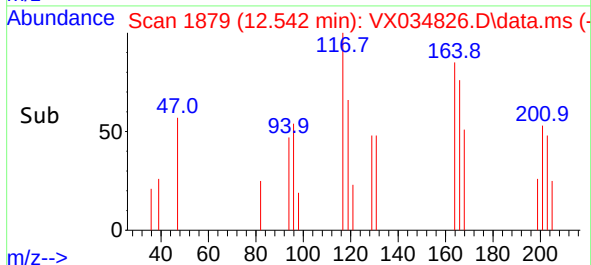
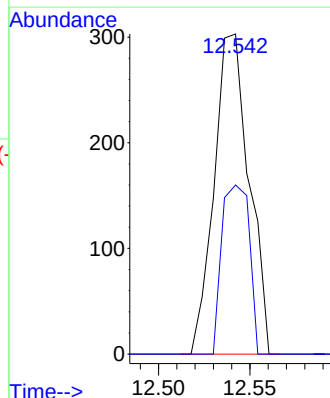
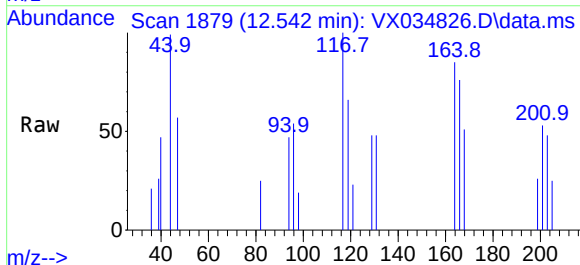
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBL01

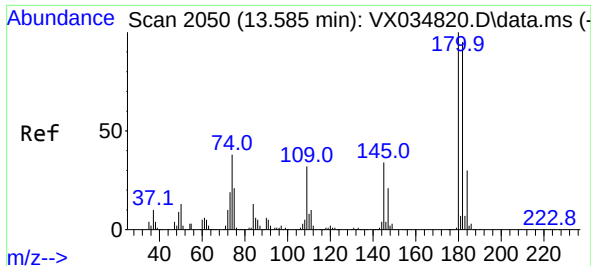
Tgt Ion: 91	Resp: 4970
Ion Ratio	Lower Upper
91	100
92	60.9 27.7 83.0
134	28.6 13.0 38.9



#90
Hexachloroethane
Concen: 0.236 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VX034826.D
Acq: 29 Mar 2023 14:13

Tgt Ion: 117	Resp: 402
Ion Ratio	Lower Upper
117	100
201	41.8 34.4 103.1

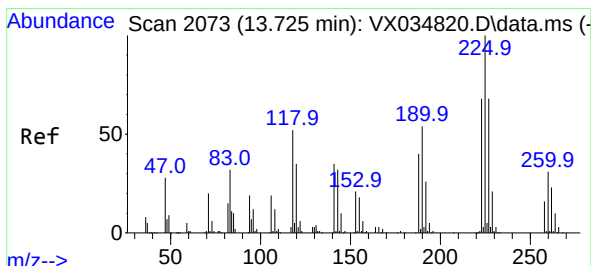
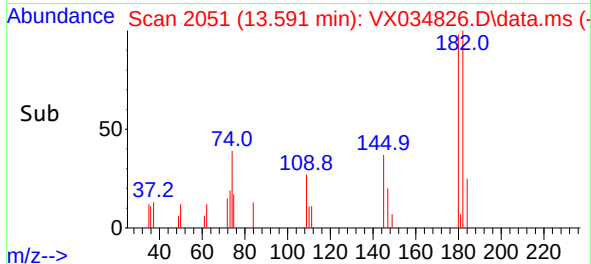
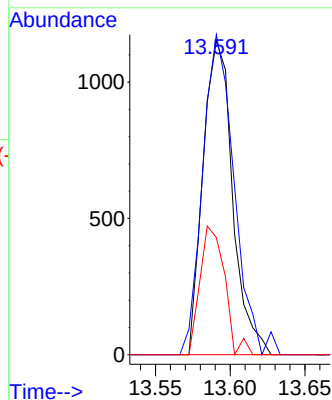
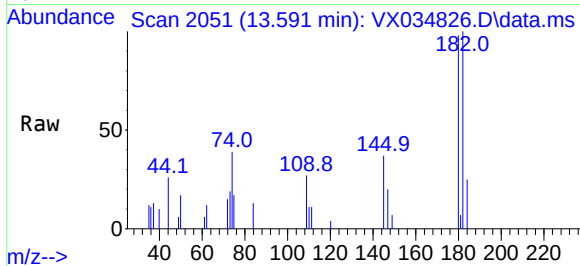




#93
1,2,4-Trichlorobenzene
Concen: 0.448 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX034826.D
Acq: 29 Mar 2023 14:13

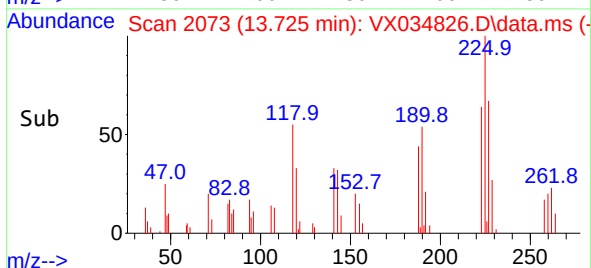
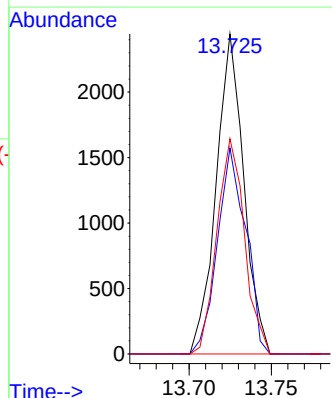
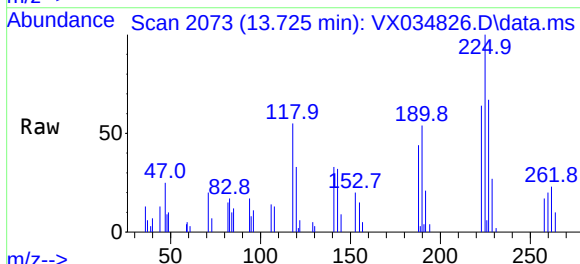
Instrument :
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ClientSampleId :
VX0329WBL01

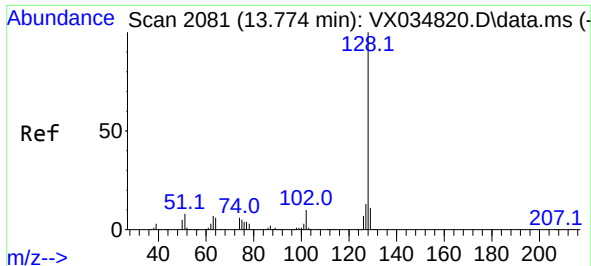
Tgt Ion:180 Resp: 1584
Ion Ratio Lower Upper
180 100
182 108.7 47.0 141.0
145 34.0 15.9 47.7



#94
Hexachlorobutadiene
Concen: 1.837 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX034826.D
Acq: 29 Mar 2023 14:13

Tgt Ion:225 Resp: 2854
Ion Ratio Lower Upper
225 100
223 66.1 32.1 96.5
227 67.1 31.8 95.4

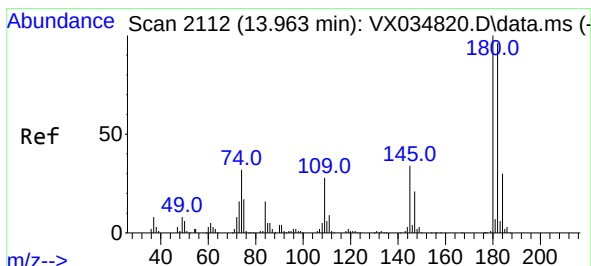
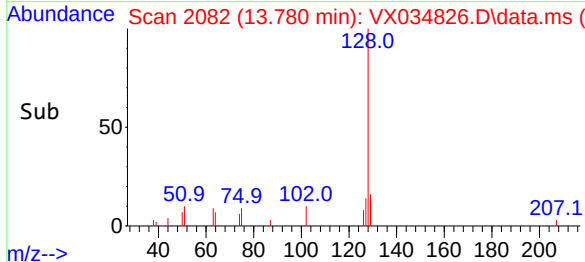
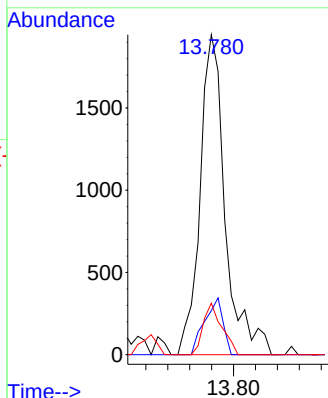
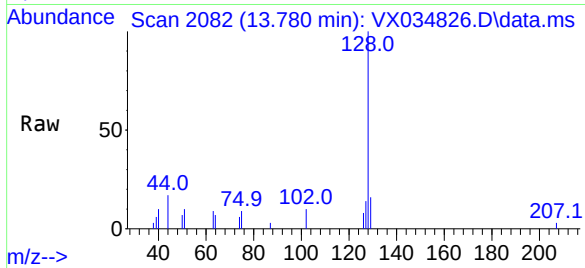




#95
Naphthalene
Concen: 0.247 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX034826.D
Acq: 29 Mar 2023 14:13

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBL01

Tgt Ion:	128	Resp:	3099
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.2	15.4
129	12.0	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.522 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX034826.D
Acq: 29 Mar 2023 14:13

Tgt Ion:	180	Resp:	1861
Ion Ratio	Lower	Upper	
180	100		
182	93.8	48.0	144.2
145	34.3	17.7	53.1

