

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092722\
 Data File : VX031689.D
 Acq On : 27 Sep 2022 09:37
 Operator : JC/MD
 Sample : VX0927MBL01
 Misc : 5.00G/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927MBL01

Quant Time: Sep 27 12:20:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

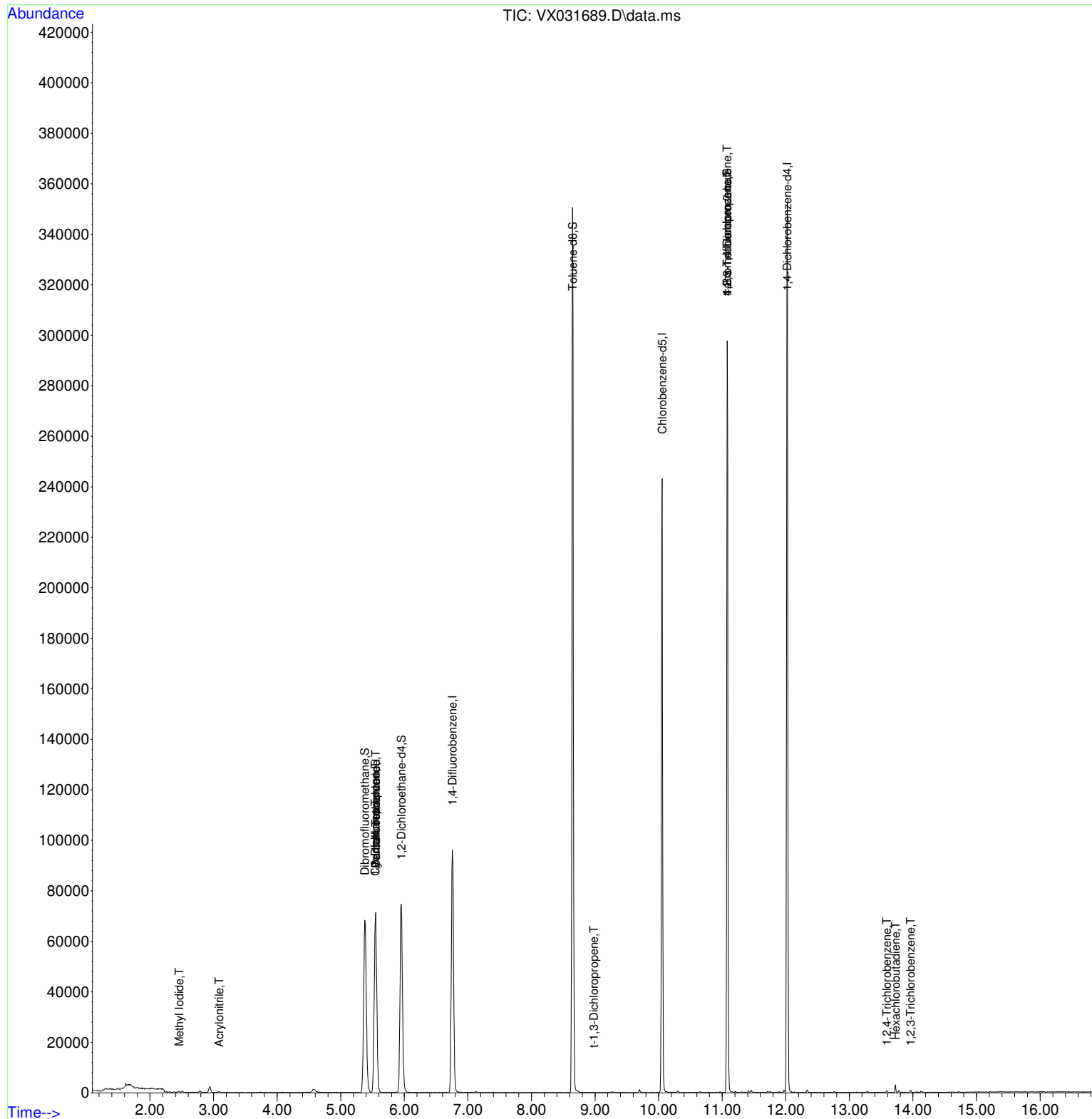
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	66718	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	102181	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	110097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72209	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72529	51.22	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.44%			
35) Dibromofluoromethane	5.379	113	57662	47.36	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.72%			
50) Toluene-d8	8.647	98	208665	47.27	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.54%			
62) 4-Bromofluorobenzene	11.079	95	71922	44.46	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 88.92%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	116	Below Cal	#	41
5) Bromomethane	1.624	94	547	Below Cal		98
6) Chloroethane	1.679	64	20	Below Cal	#	43
10) Methyl Iodide	2.459	142	398	0.46 ug/l	#	84
11) Tert butyl alcohol	2.941	59	1345	Below Cal	#	73
12) 1,1-Dichloroethene	2.319	96	39	Below Cal	#	38
15) Acrylonitrile	3.087	53	249	0.51 ug/l	#	37
16) Acetone	2.380	43	164	Below Cal	#	45
17) Carbon Disulfide	2.514	76	761	Below Cal	#	75
20) Methylene Chloride	2.782	84	279	Below Cal		93
31) Cyclohexane	5.544	56	1564	1.16 ug/l	#	56
36) 1,1-Dichloropropene	5.544	75	5426	3.88 ug/l	#	50
38) Carbon Tetrachloride	5.550	117	6707	4.26 ug/l	#	16
53) t-1,3-Dichloropropene	8.982	75	41	1.91 ug/l	#	44
76) 1,2,3-Trichloropropane	11.079	75	40060	31.09 ug/l	#	37
81) trans-1,4-Dichloro-2-b...	11.079	75	40060	100.81 ug/l	#	11
93) 1,2,4-Trichlorobenzene	13.591	180	300	0.22 ug/l	#	76
94) Hexachlorobutadiene	13.725	225	467	0.89 ug/l		86
96) 1,2,3-Trichlorobenzene	13.963	180	301	0.22 ug/l	#	77

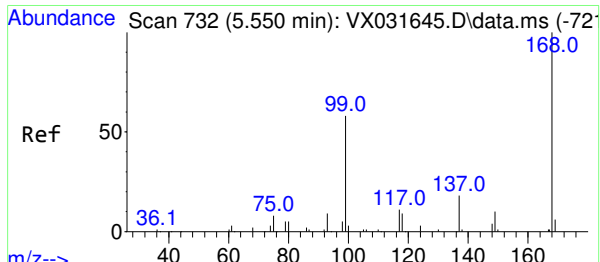
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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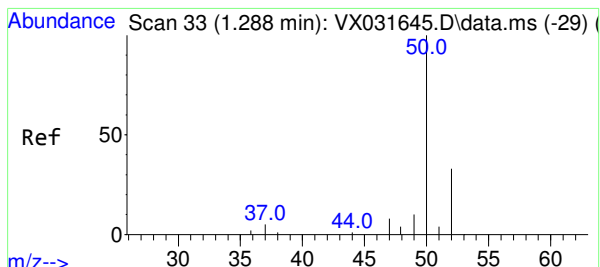
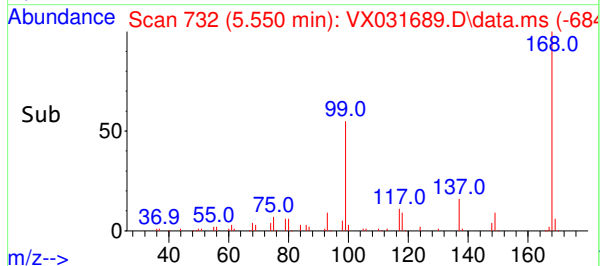
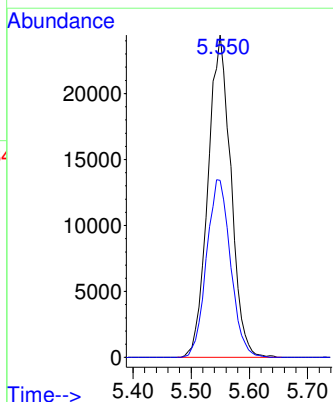
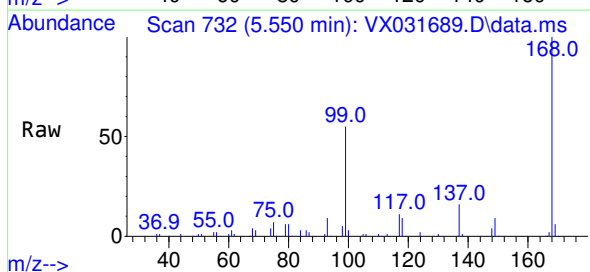




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX031689.D
Acq: 27 Sep 2022 09:37

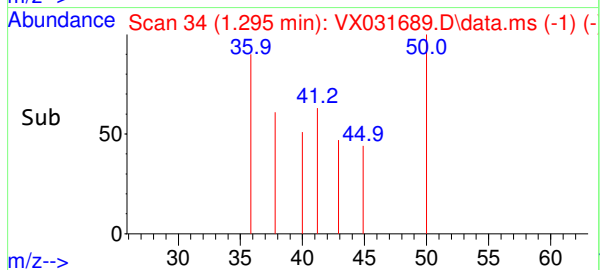
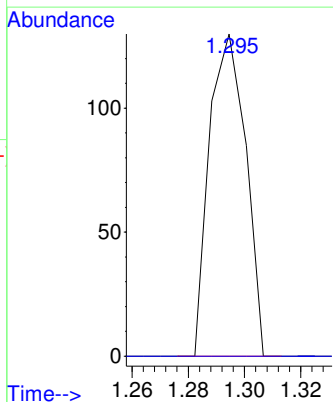
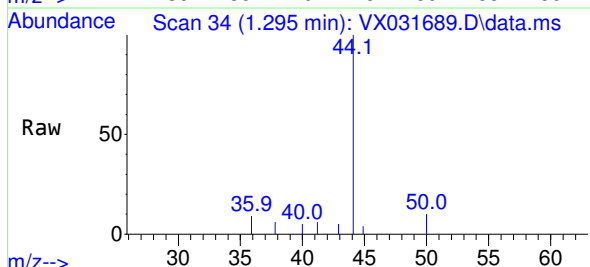
Instrument :
MSVOA_X
ClientSampleId :
VX0927MBL01

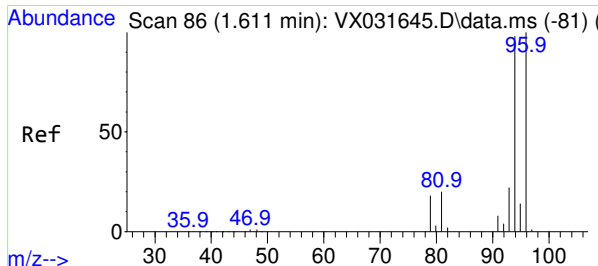
Tgt Ion:168 Resp: 66718
Ion Ratio Lower Upper
168 100
99 54.9 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.295 min Scan# 34
Delta R.T. 0.007 min
Lab File: VX031689.D
Acq: 27 Sep 2022 09:37

Tgt Ion: 50 Resp: 116
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

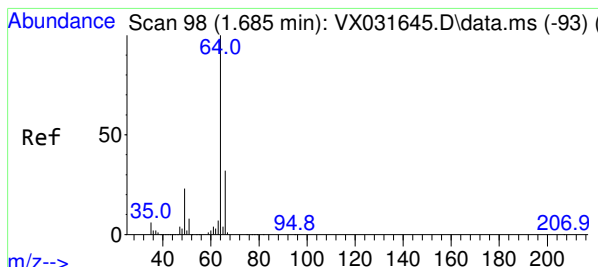
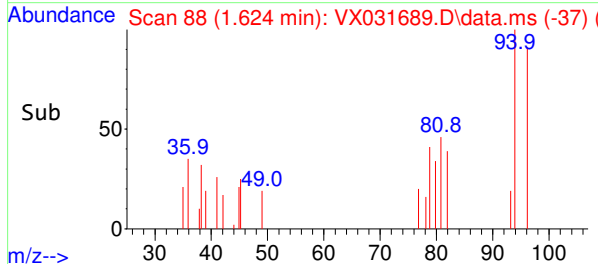
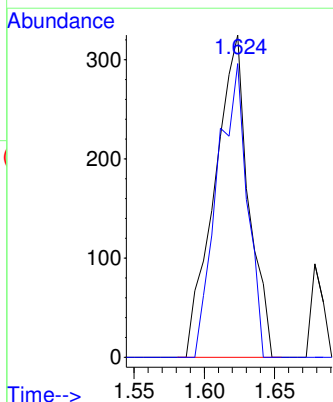
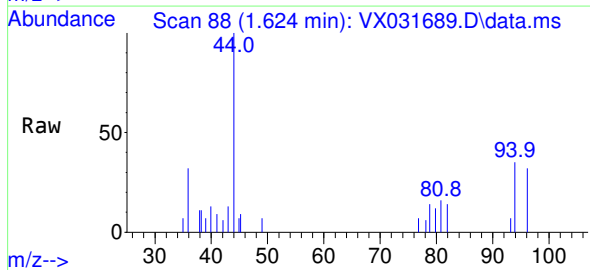




#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 8
Delta R.T. 0.013 min
Lab File: VX031689.D
Acq: 27 Sep 2022 09:37

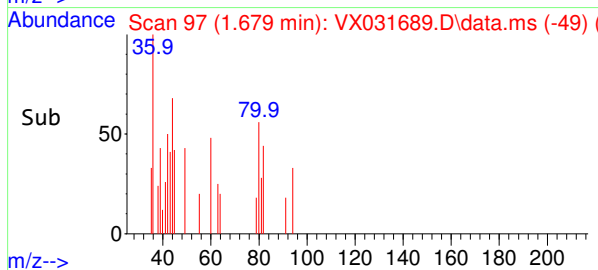
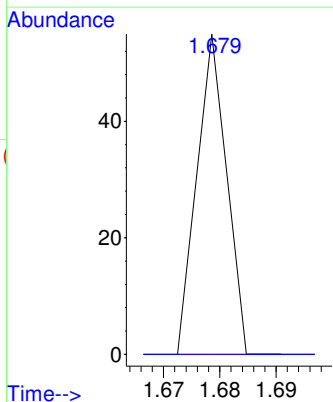
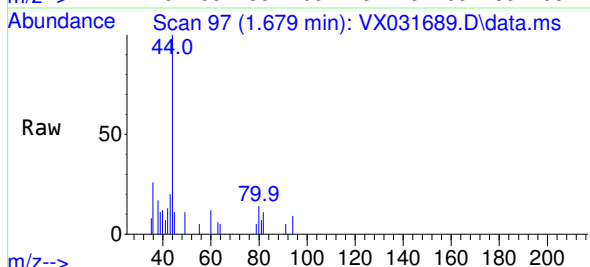
Instrument :
MSVOA_X
ClientSampleId :
VX0927MBL01

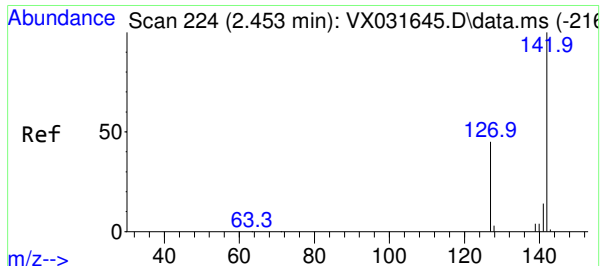
Tgt Ion: 94 Resp: 547
Ion Ratio Lower Upper
94 100
96 91.1 74.4 111.6



#6
Chloroethane
Concen: Below Cal
RT: 1.679 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX031689.D
Acq: 27 Sep 2022 09:37

Tgt Ion: 64 Resp: 20
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#

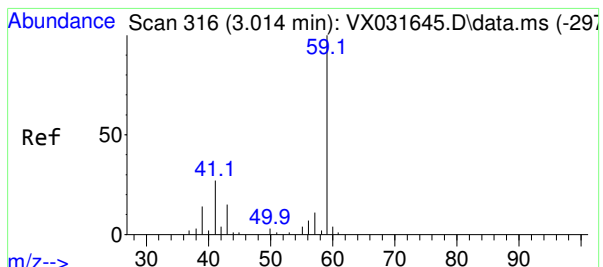
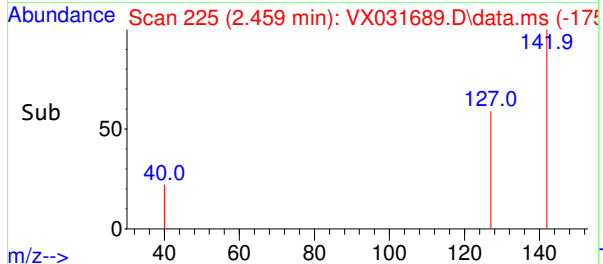
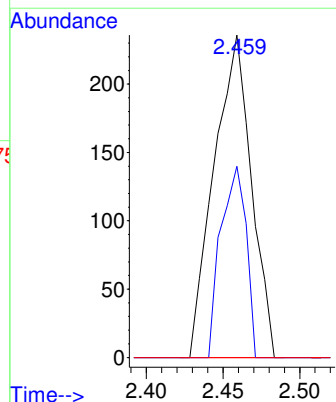
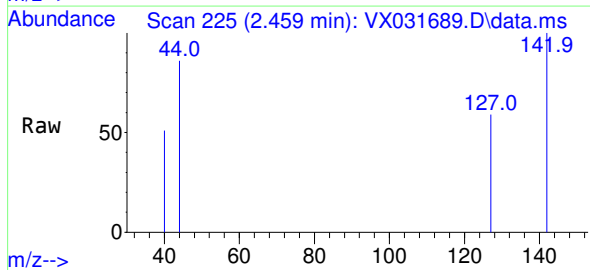




#10
Methyl Iodide
Concen: 0.46 ug/l
RT: 2.459 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX031689.D
Acq: 27 Sep 2022 09:37

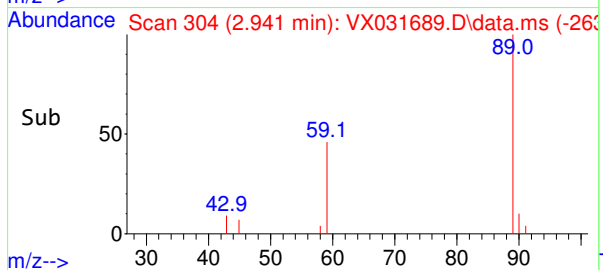
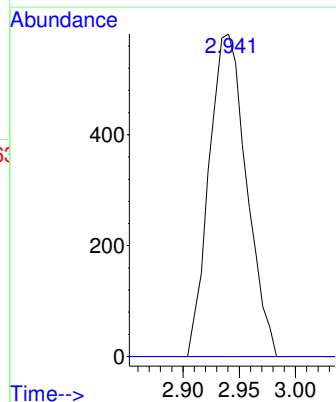
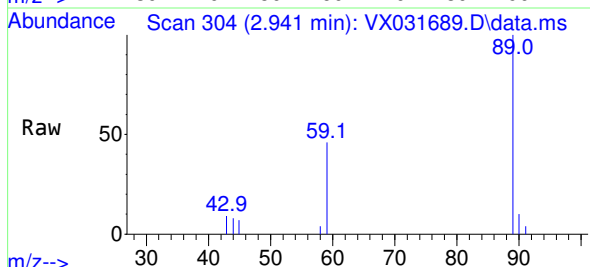
Instrument :
MSVOA_X
ClientSampleId :
VX0927MBL01

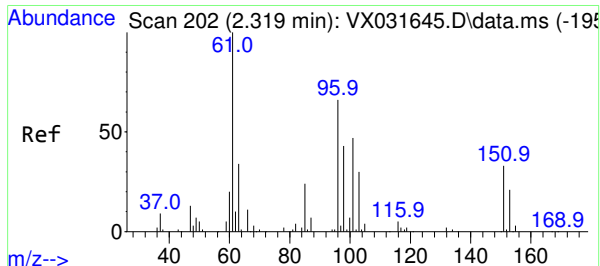
Tgt Ion:142 Resp: 398
Ion Ratio Lower Upper
142 100
127 40.2 37.4 56.0
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 304
Delta R.T. -0.048 min
Lab File: VX031689.D
Acq: 27 Sep 2022 09:37

Tgt Ion: 59 Resp: 1345
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

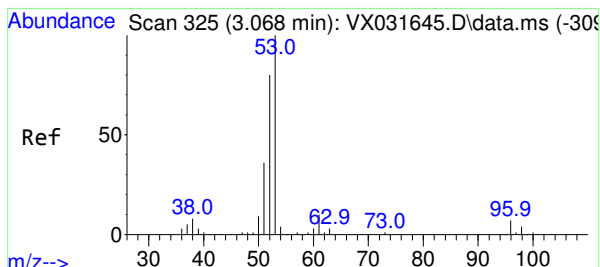
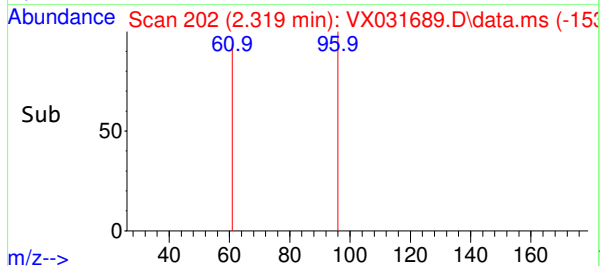
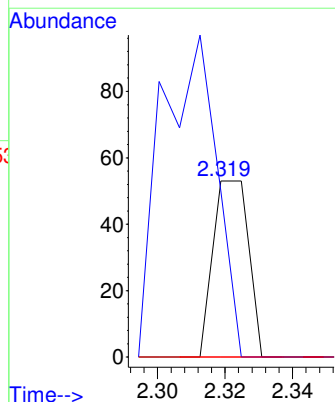
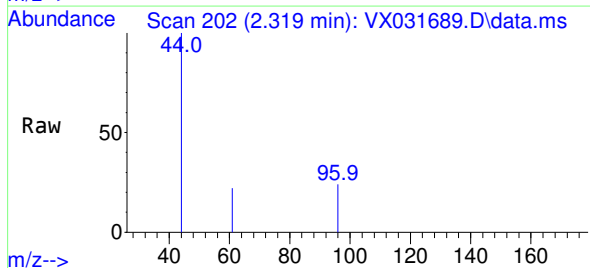




#12
1,1-Dichloroethene
Concen: Below Cal
RT: 2.319 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031689.D
Acq: 27 Sep 2022 09:37

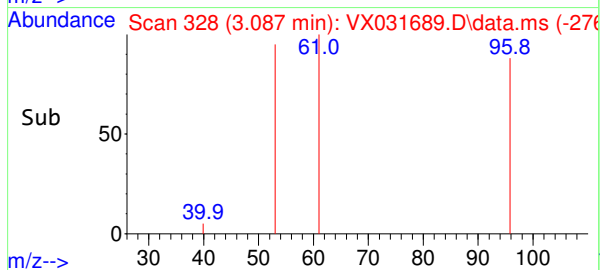
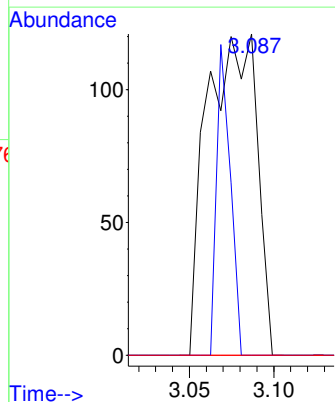
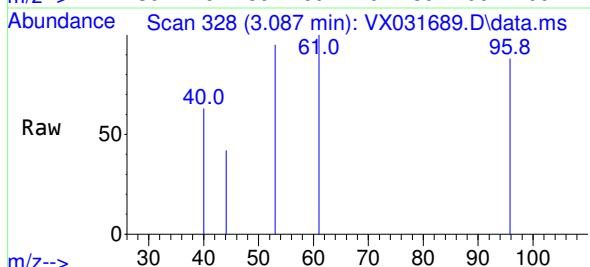
Instrument : MSVOA_X
ClientSampleId : VX0927MBL01

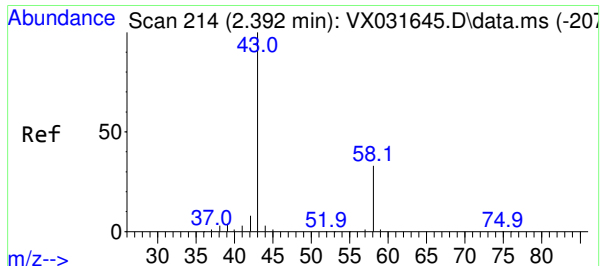
Tgt Ion: 96 Resp: 39
Ion Ratio Lower Upper
96 100
61 94.3 135.3 202.9#
98 0.0 49.4 74.2#



#15
Acrylonitrile
Concen: 0.51 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.018 min
Lab File: VX031689.D
Acq: 27 Sep 2022 09:37

Tgt Ion: 53 Resp: 249
Ion Ratio Lower Upper
53 100
52 26.9 66.9 100.3#
51 0.0 30.0 45.0#

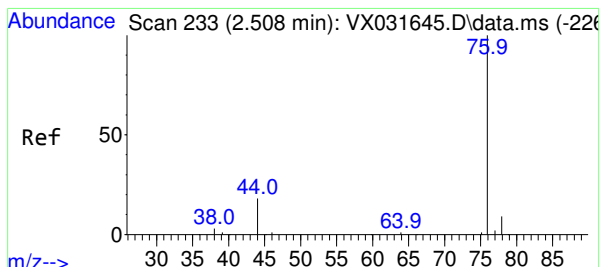
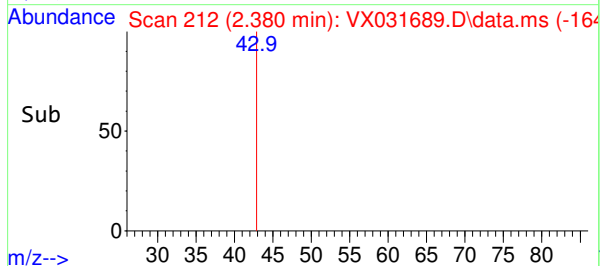
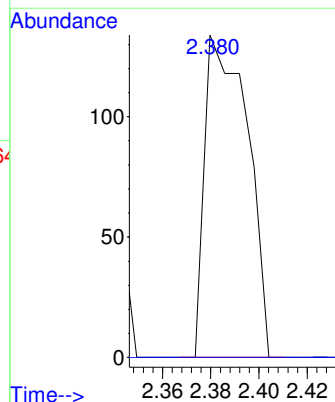
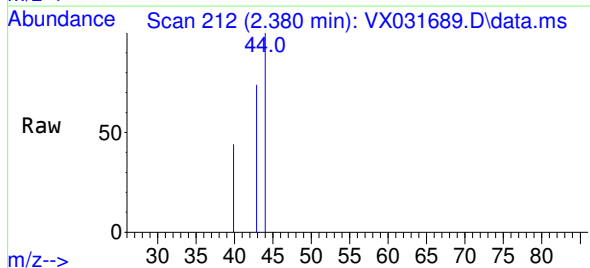




#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX031689.D
Acq: 27 Sep 2022 09:37

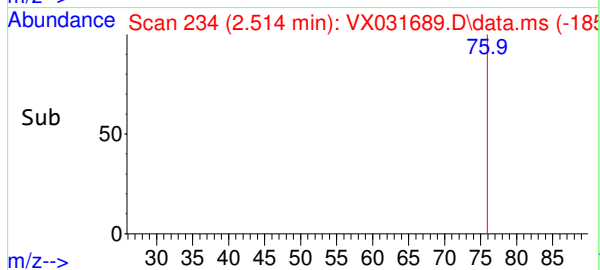
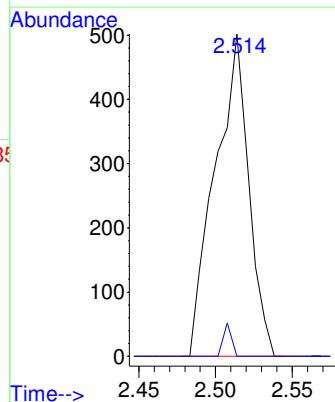
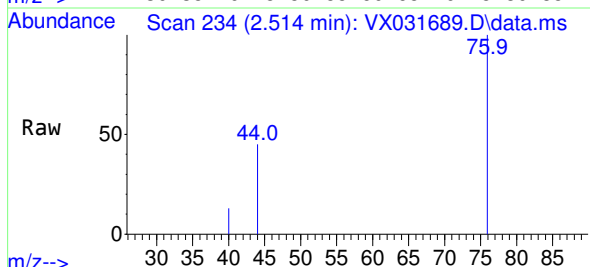
Instrument :
MSVOA_X
ClientSampleId :
VX0927MBL01

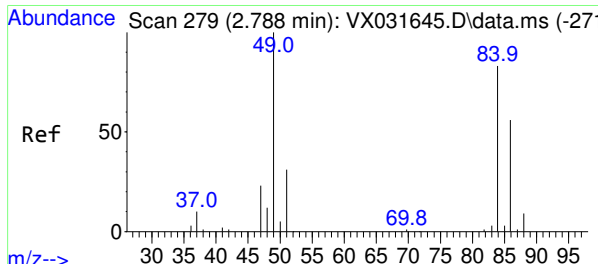
Tgt Ion: 43 Resp: 164
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX031689.D
Acq: 27 Sep 2022 09:37

Tgt Ion: 76 Resp: 761
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



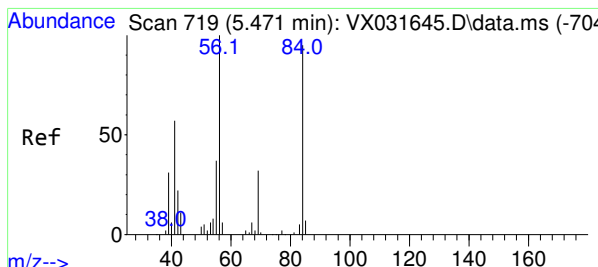
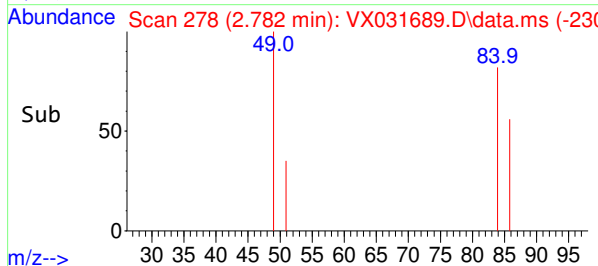
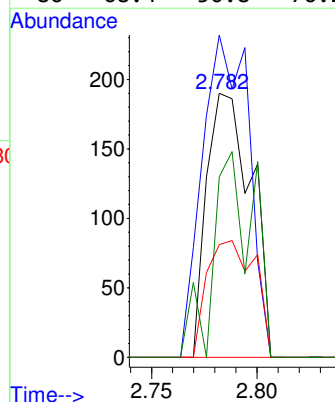
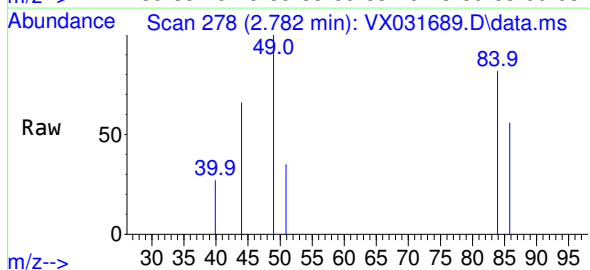


#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX031689.D
Acq: 27 Sep 2022 09:37

Instrument :
MSVOA_X
ClientSampleId :
VX0927MBL01

Tgt Ion: 84 Resp: 279

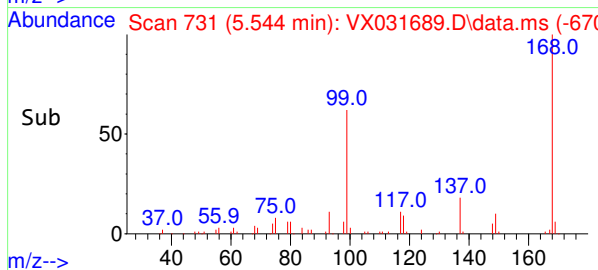
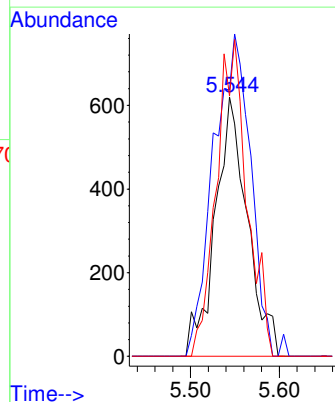
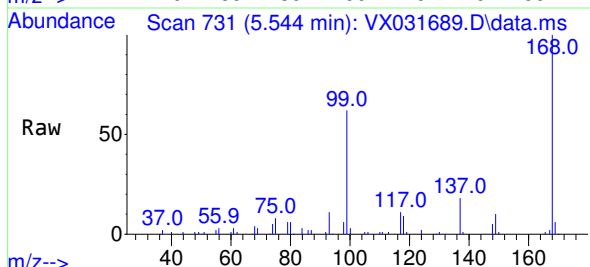
Ion	Ratio	Lower	Upper
84	100		
49	122.1	105.9	158.9
51	42.6	32.2	48.2
86	68.4	50.8	76.2

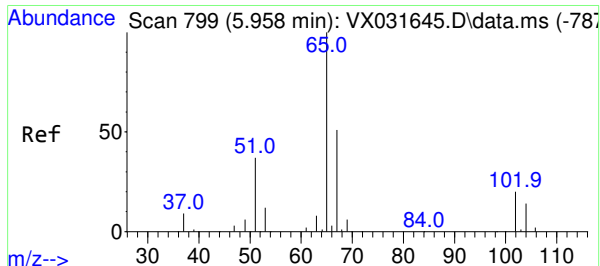


#31
Cyclohexane
Concen: 1.16 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX031689.D
Acq: 27 Sep 2022 09:37

Tgt Ion: 56 Resp: 1564

Ion	Ratio	Lower	Upper
56	100		
69	102.7	25.1	37.7#
84	100.3	70.2	105.4

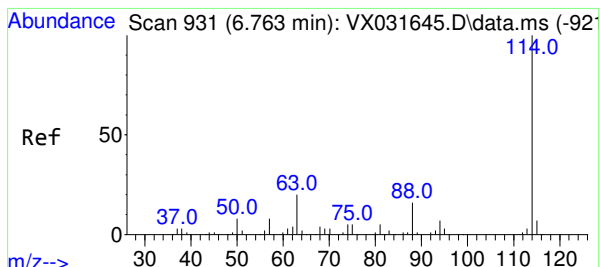
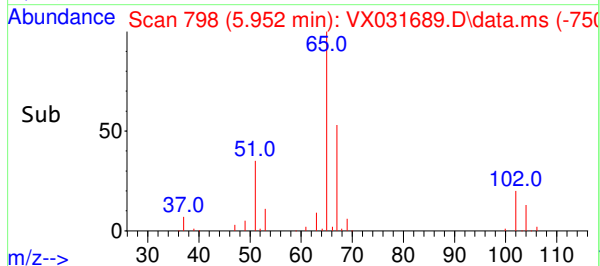
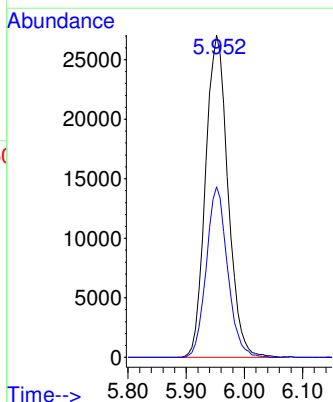
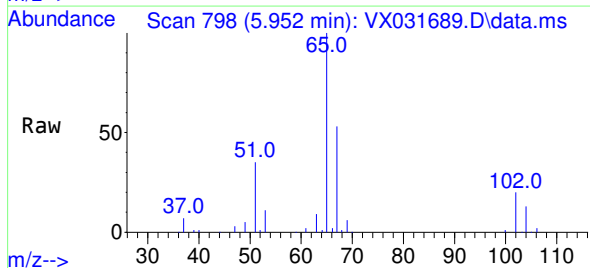




#33
1,2-Dichloroethane-d4
Concen: 51.22 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX031689.D
Acq: 27 Sep 2022 09:37

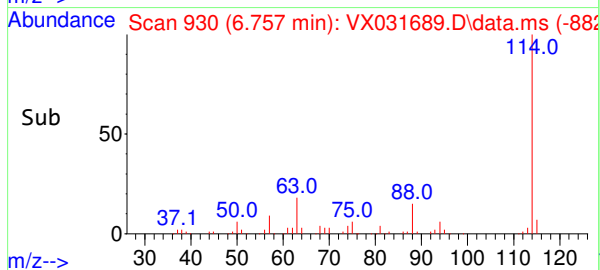
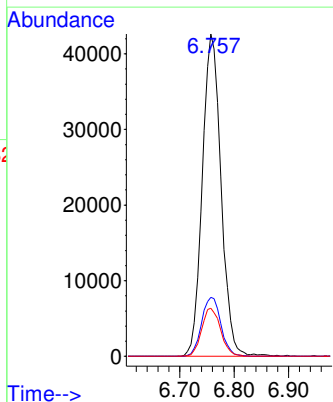
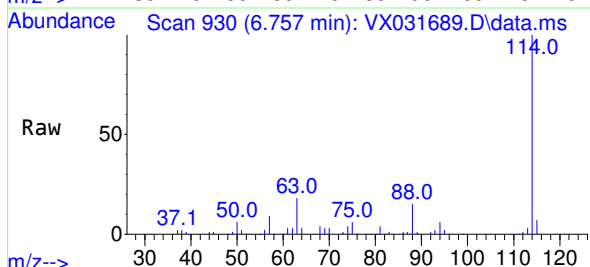
Instrument :
MSVOA_X
ClientSampleId :
VX0927MBL01

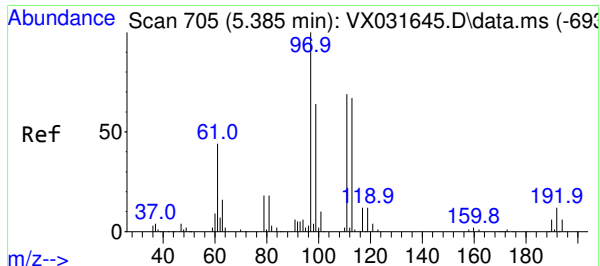
Tgt Ion: 65 Resp: 72529
Ion Ratio Lower Upper
65 100
67 50.2 0.0 102.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX031689.D
Acq: 27 Sep 2022 09:37

Tgt Ion: 114 Resp: 102181
Ion Ratio Lower Upper
114 100
63 18.3 0.0 42.6
88 14.9 0.0 33.0

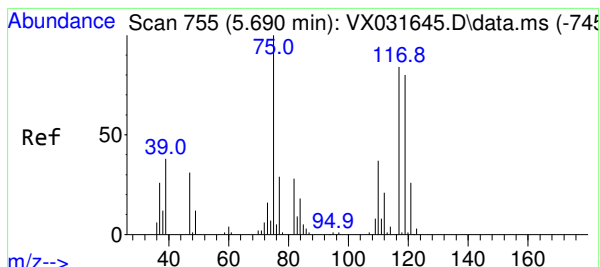
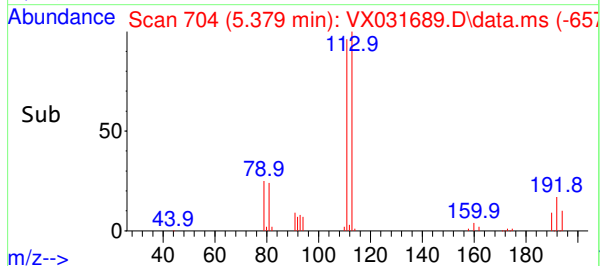
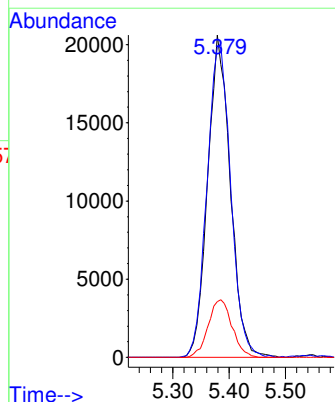
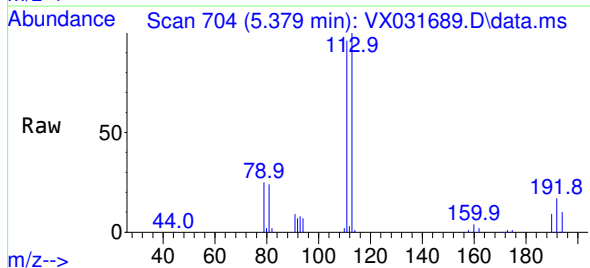




#35
 Dibromofluoromethane
 Concen: 47.36 ug/l
 RT: 5.379 min Scan# 711
 Delta R.T. -0.012 min
 Lab File: VX031689.D
 Acq: 27 Sep 2022 09:37

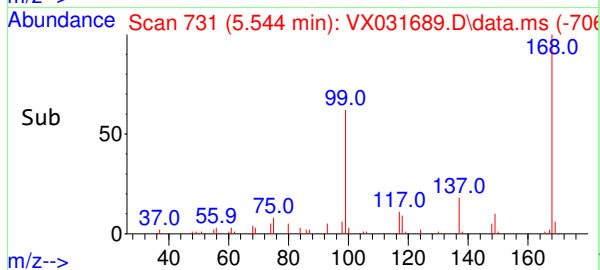
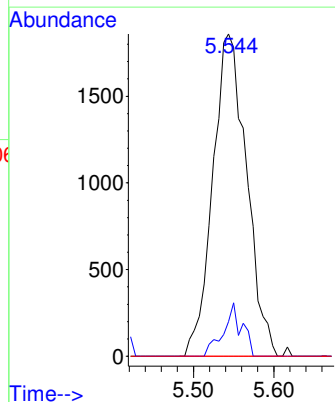
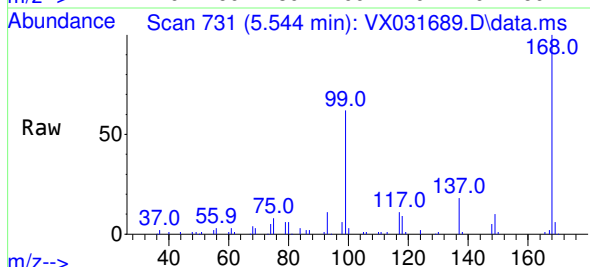
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927MBL01

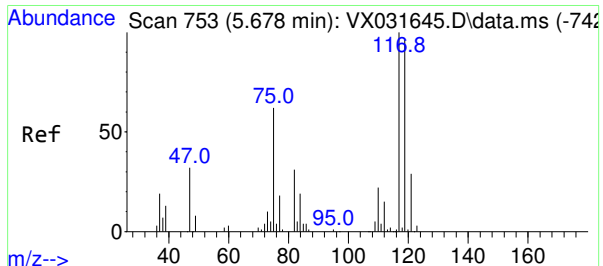
Tgt Ion:113 Resp: 57662
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.4 123.6
 192 18.8 14.1 21.1



#36
 1,1-Dichloropropene
 Concen: 3.88 ug/l
 RT: 5.544 min Scan# 731
 Delta R.T. -0.146 min
 Lab File: VX031689.D
 Acq: 27 Sep 2022 09:37

Tgt Ion: 75 Resp: 5426
 Ion Ratio Lower Upper
 75 100
 110 9.1 17.5 52.5#
 77 0.0 24.9 37.3#

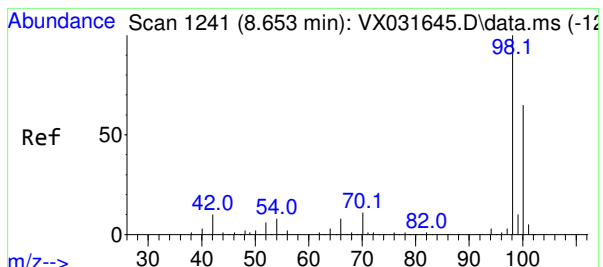
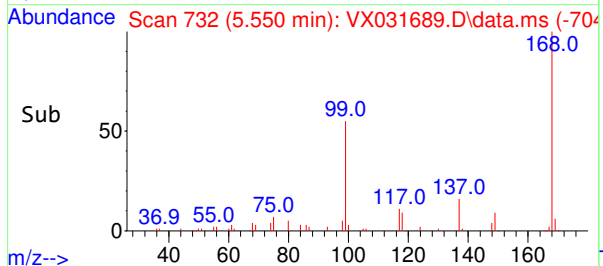
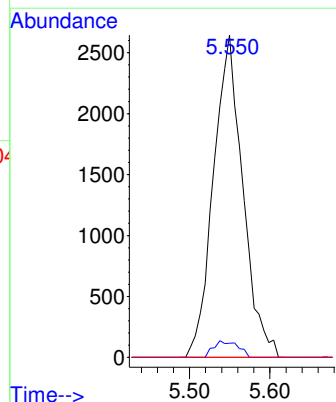
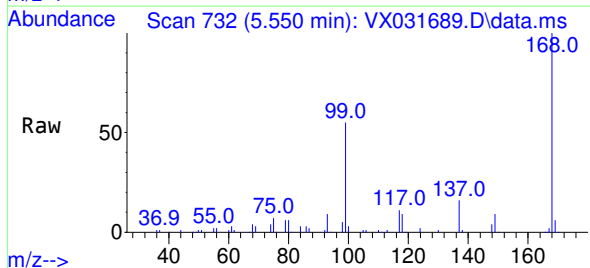




#38
Carbon Tetrachloride
Concen: 4.26 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX031689.D
Acq: 27 Sep 2022 09:37

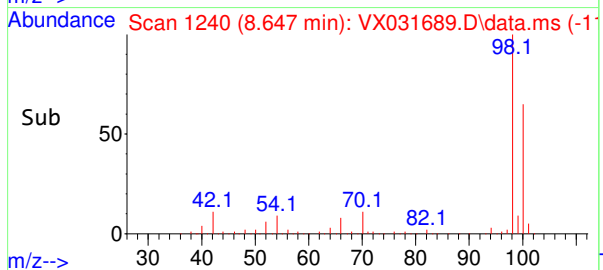
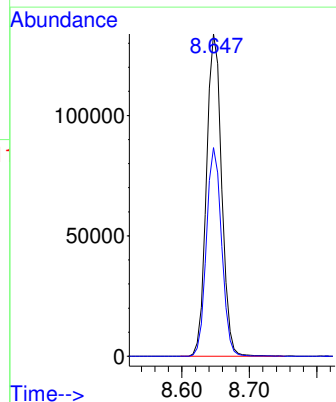
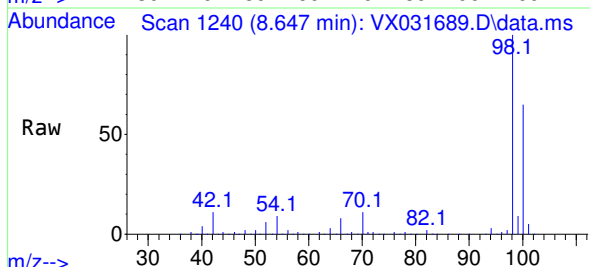
Instrument :
MSVOA_X
ClientSampleId :
VX0927MBL01

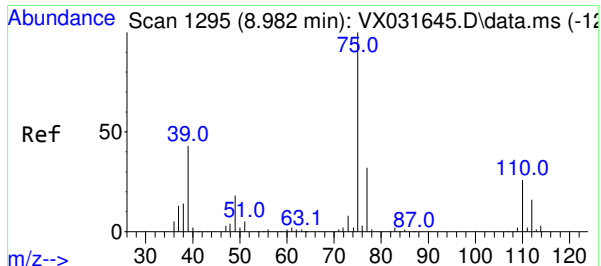
Tgt Ion:117 Resp: 6707
Ion Ratio Lower Upper
117 100
119 4.4 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 47.27 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031689.D
Acq: 27 Sep 2022 09:37

Tgt Ion: 98 Resp: 208665
Ion Ratio Lower Upper
98 100
100 64.7 52.5 78.7

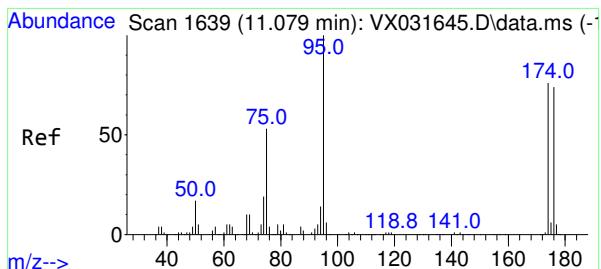
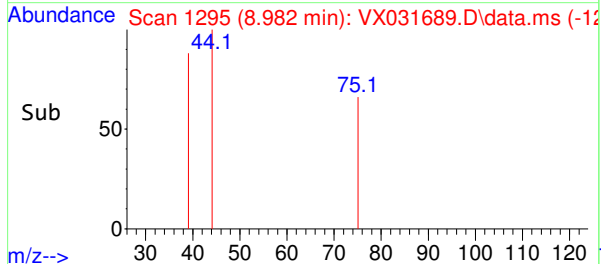
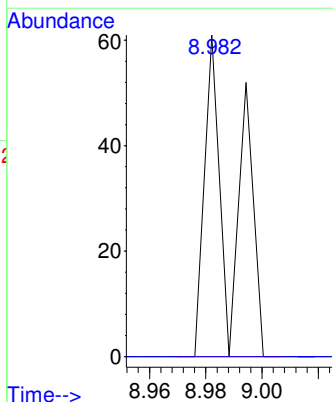
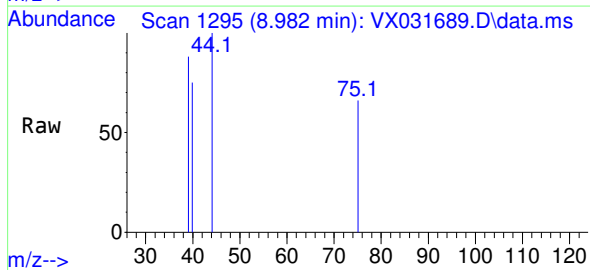




#53
t-1,3-Dichloropropene
Concen: 1.91 ug/l
RT: 8.982 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031689.D
Acq: 27 Sep 2022 09:37

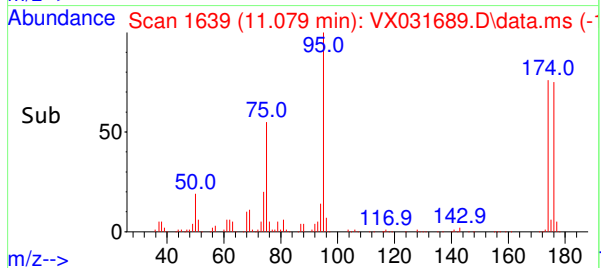
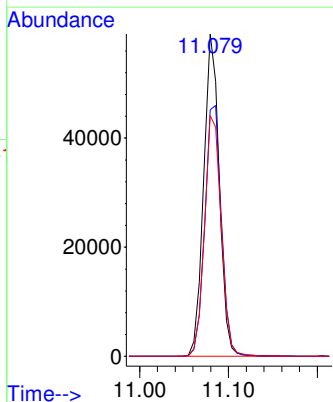
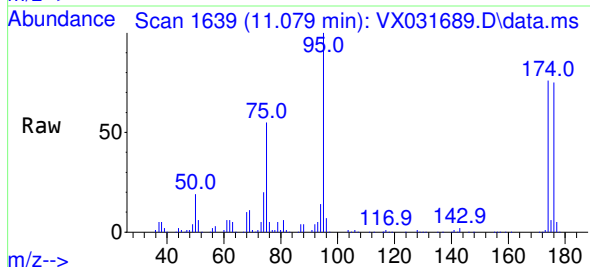
Instrument :
MSVOA_X
ClientSampleId :
VX0927MBL01

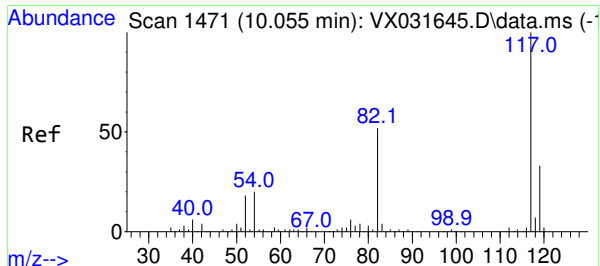
Tgt Ion: 75 Resp: 41
Ion Ratio Lower Upper
75 100
77 0.0 24.8 37.2#



#62
4-Bromofluorobenzene
Concen: 44.46 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031689.D
Acq: 27 Sep 2022 09:37

Tgt Ion: 95 Resp: 71922
Ion Ratio Lower Upper
95 100
174 82.8 0.0 153.2
176 79.8 0.0 144.0

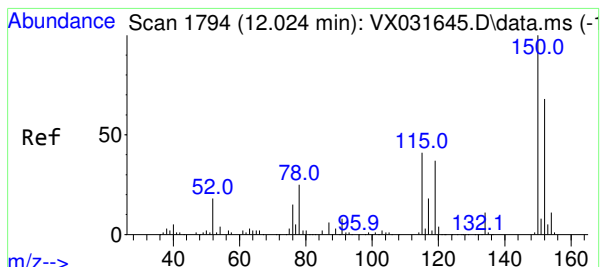
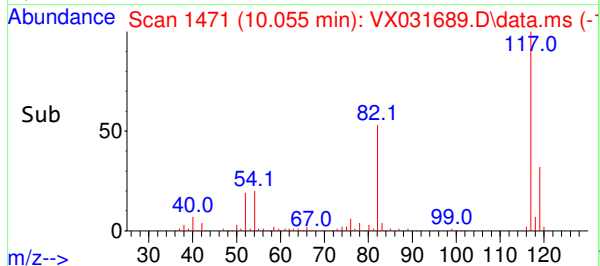
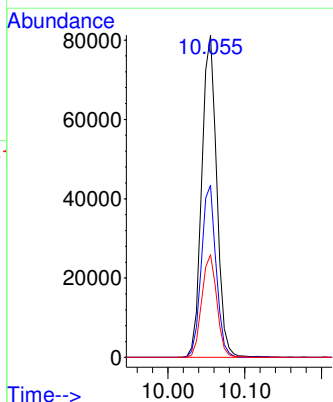
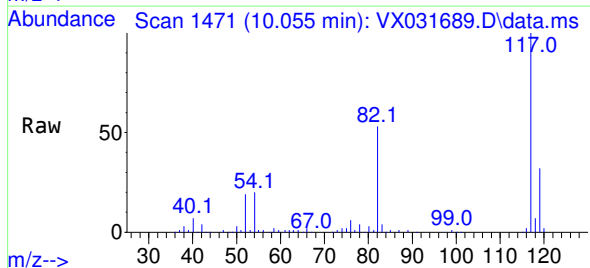




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031689.D
Acq: 27 Sep 2022 09:37

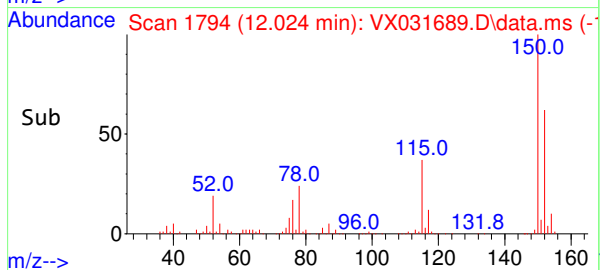
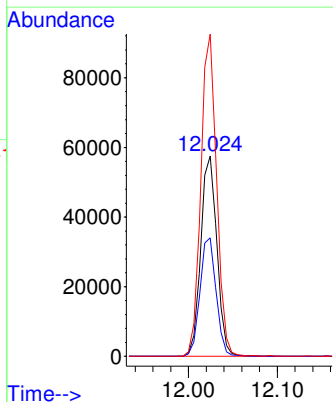
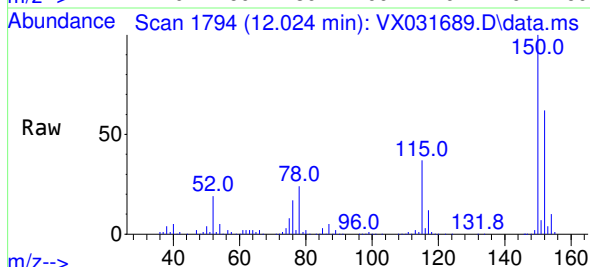
Instrument :
MSVOA_X
ClientSampleId :
VX0927MBL01

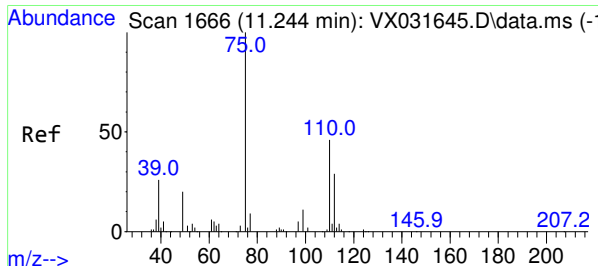
Tgt Ion:117 Resp: 110097
Ion Ratio Lower Upper
117 100
82 53.4 46.8 70.2
119 31.9 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031689.D
Acq: 27 Sep 2022 09:37

Tgt Ion:152 Resp: 72209
Ion Ratio Lower Upper
152 100
115 59.4 43.4 130.1
150 157.5 0.0 346.8

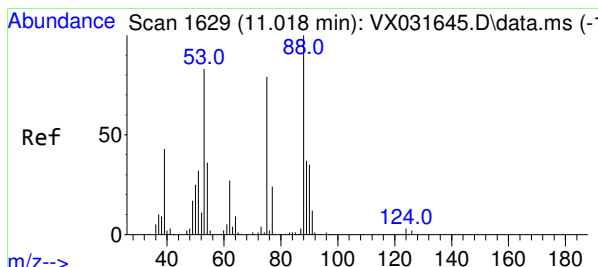
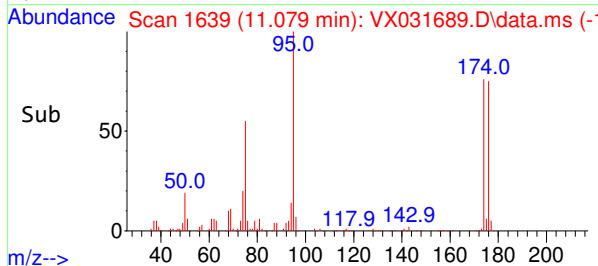
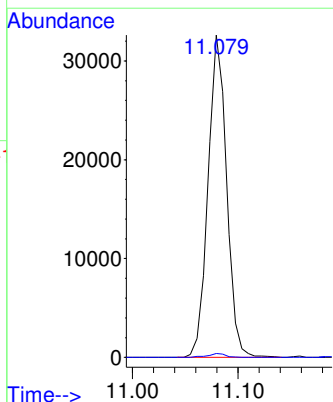
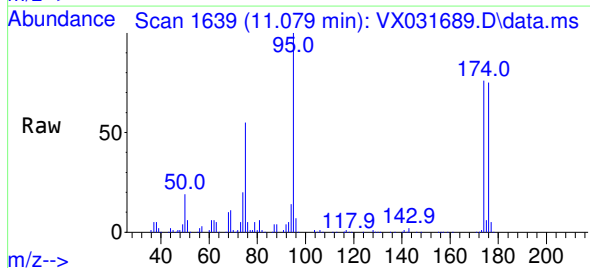




#76
1,2,3-Trichloropropane
Concen: 31.09 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.159 min
Lab File: VX031689.D
Acq: 27 Sep 2022 09:37

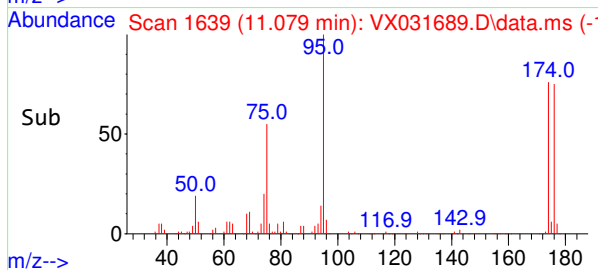
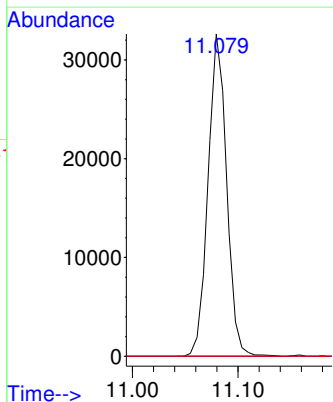
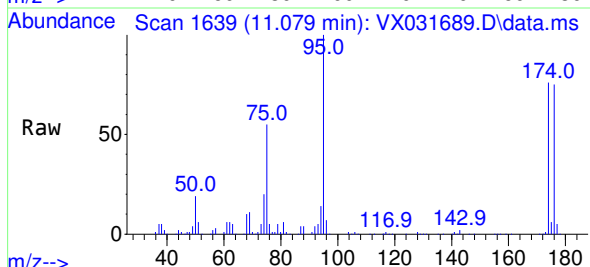
Instrument :
MSVOA_X
ClientSampleId :
VX0927MBL01

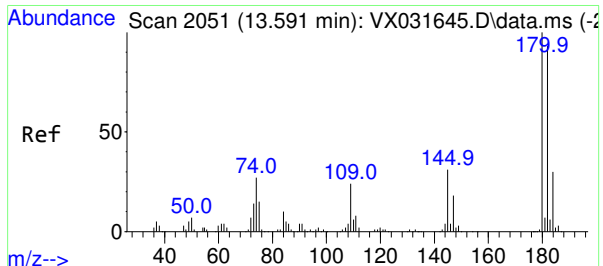
Tgt Ion: 75 Resp: 40060
Ion Ratio Lower Upper
75 100
77 1.2 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.81 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031689.D
Acq: 27 Sep 2022 09:37

Tgt Ion: 75 Resp: 40060
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

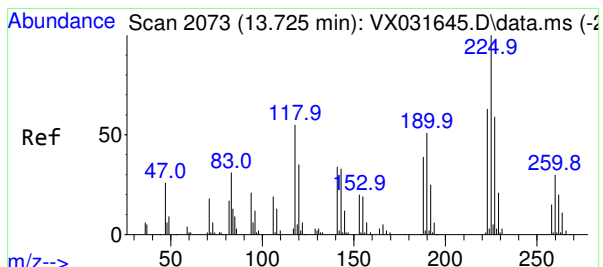
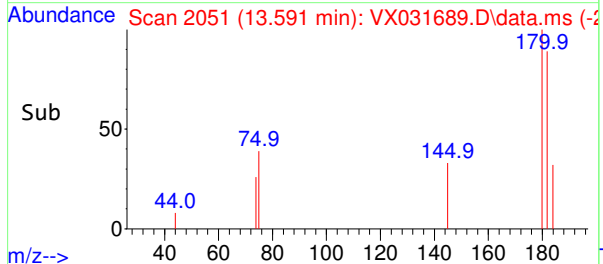
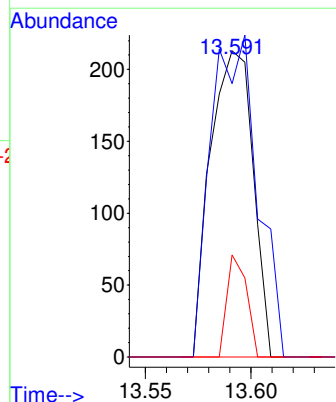
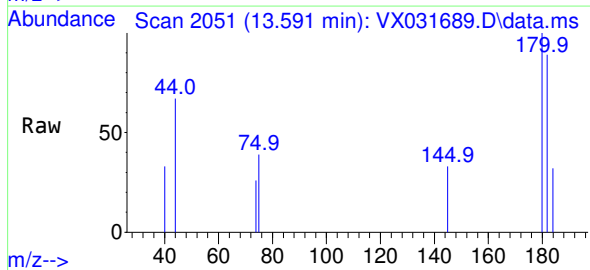




#93
1,2,4-Trichlorobenzene
Concen: 0.22 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX031689.D
Acq: 27 Sep 2022 09:37

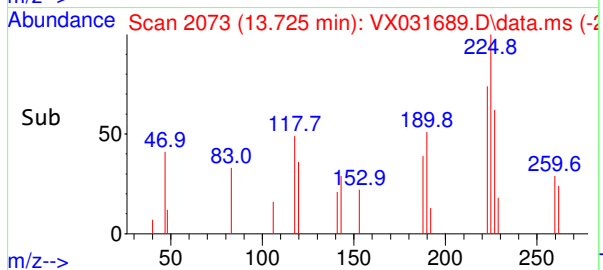
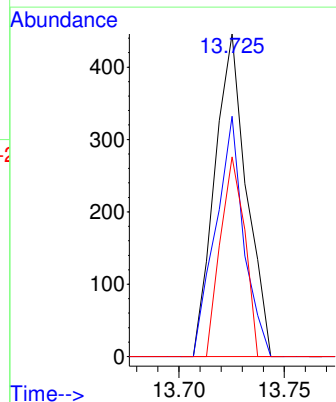
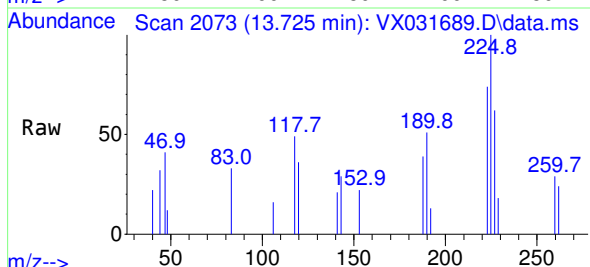
Instrument :
MSVOA_X
ClientSampleId :
VX0927MBL01

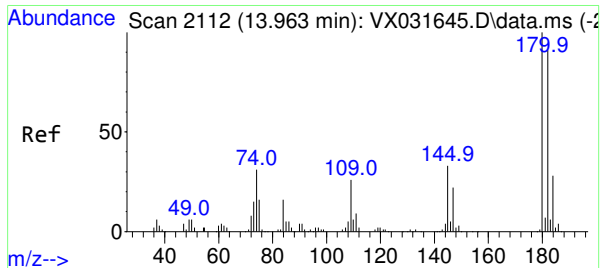
Tgt Ion:180 Resp: 300
Ion Ratio Lower Upper
180 100
182 114.3 46.9 140.6
145 15.3 16.7 50.1#



#94
Hexachlorobutadiene
Concen: 0.89 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX031689.D
Acq: 27 Sep 2022 09:37

Tgt Ion:225 Resp: 467
Ion Ratio Lower Upper
225 100
223 66.2 30.8 92.4
227 47.3 32.3 96.9





#96
1,2,3-Trichlorobenzene
Concen: 0.22 ug/l
RT: 13.963 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031689.D
Acq: 27 Sep 2022 09:37

Instrument :
MSVOA_X
ClientSampleId :
VX0927MBL01

Tgt Ion:180 Resp: 301
Ion Ratio Lower Upper
180 100
182 86.7 47.9 143.8
145 0.0 17.6 52.8#

