

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091621\
 Data File : VX024276.D
 Acq On : 16 Sep 2021 09:37
 Operator : JC/MD
 Sample : VX0916MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916MBL01

Quant Time: Sep 17 04:37:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 12:18:04 2021
 Response via : Initial Calibration

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

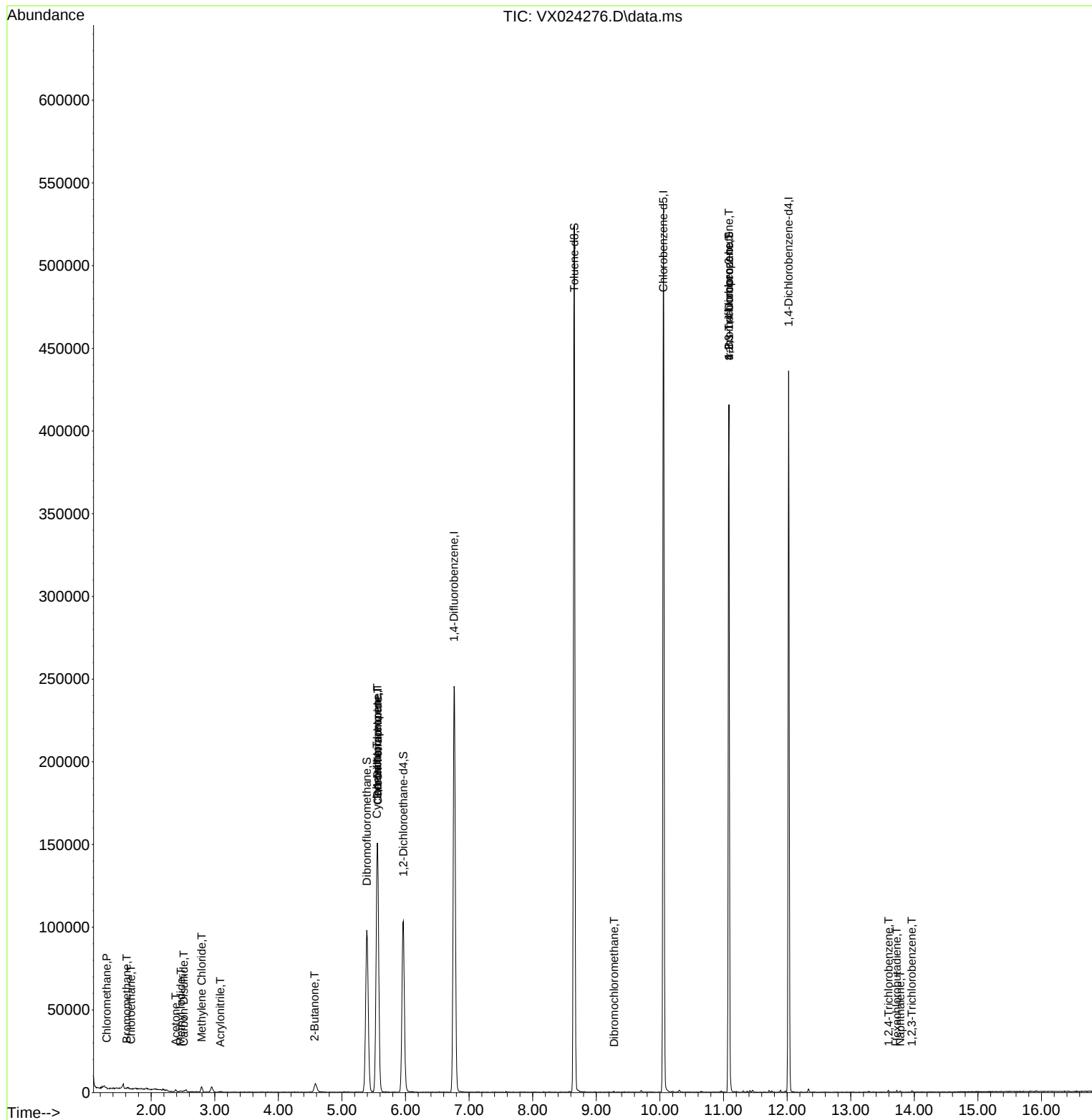
Internal Standards						
1) Pentafluorobenzene	5.556	168	141144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	245408	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231688	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85063	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	106823	53.075	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.160%	
35) Dibromofluoromethane	5.391	113	83834	50.938	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.880%	
50) Toluene-d8	8.653	98	303036	50.543	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.080%	
62) 4-Bromofluorobenzene	11.085	95	108170	46.359	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.720%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	403	0.284	ug/l	96
5) Bromomethane	1.617	94	584	0.696	ug/l	99
6) Chloroethane	1.685	64	240	2.202	ug/l #	43
10) Methyl Iodide	2.465	142	853	0.444	ug/l #	94
11) Tert butyl alcohol	2.959	59	2050	Below Cal	#	73
15) Acrylonitrile	3.087	53	206	0.250	ug/l #	43
16) Acetone	2.386	43	1142	1.331	ug/l	92
17) Carbon Disulfide	2.514	76	867	0.266	ug/l #	86
20) Methylene Chloride	2.794	84	1454	0.882	ug/l #	93
25) 2-Butanone	4.568	43	567	0.449	ug/l #	45
31) Cyclohexane	5.550	56	3338	1.418	ug/l #	20
36) 1,1-Dichloropropene	5.556	75	10970	4.862	ug/l #	50
38) Carbon Tetrachloride	5.562	117	14862	5.852	ug/l #	16
60) Dibromochloromethane	9.281	129	87	1.767	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	58339	29.827	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	58339	87.720	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.597	180	405	0.246	ug/l #	76
94) Hexachlorobutadiene	13.725	225	260	0.316	ug/l	66
95) Naphthalene	13.780	128	699	1.399	ug/l #	69
96) 1,2,3-Trichlorobenzene	13.963	180	337	0.203	ug/l	79

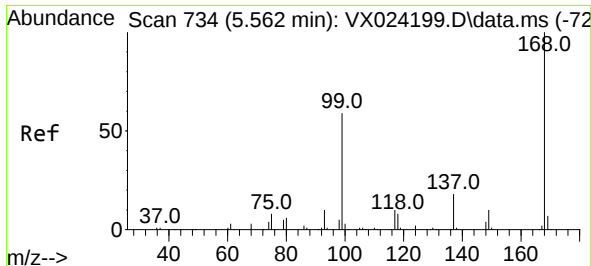
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Title : SW846 8260
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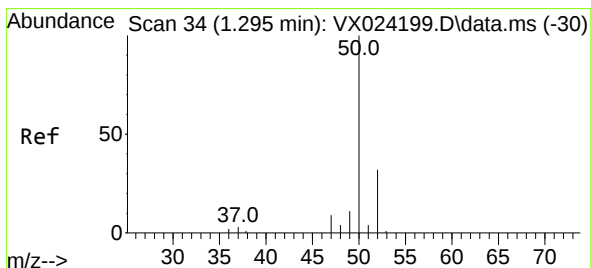
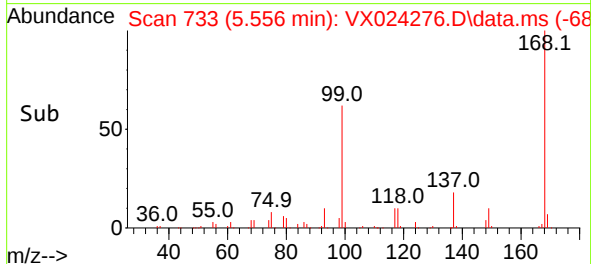
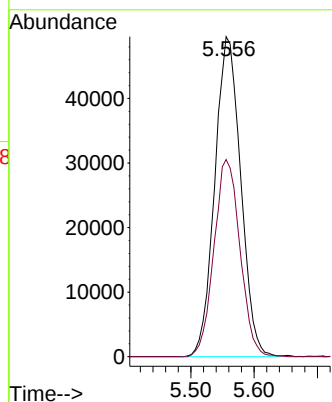
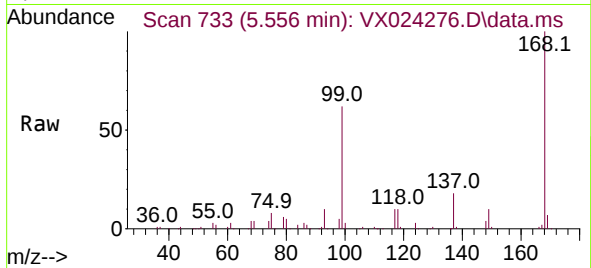




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX024276.D
Acq: 16 Sep 2021 09:37

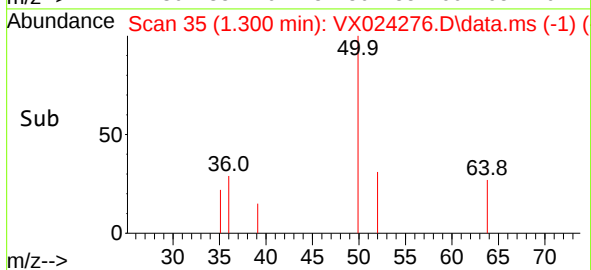
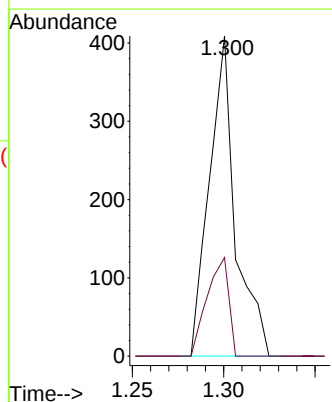
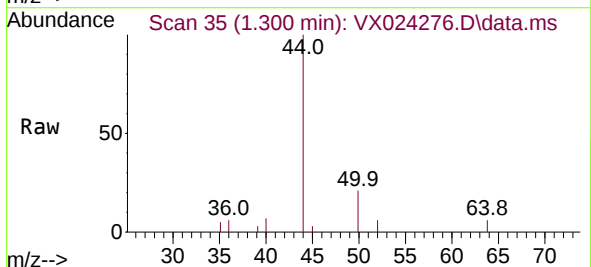
Instrument :
MSVOA_X
ClientSampleId :
VX0916MBL01

Tgt Ion:168 Resp: 141144
Ion Ratio Lower Upper
168 100
99 61.6 45.8 68.6



#3
Chloromethane
Concen: 0.284 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.005 min
Lab File: VX024276.D
Acq: 16 Sep 2021 09:37

Tgt Ion: 50 Resp: 403
Ion Ratio Lower Upper
50 100
52 30.8 26.4 39.6

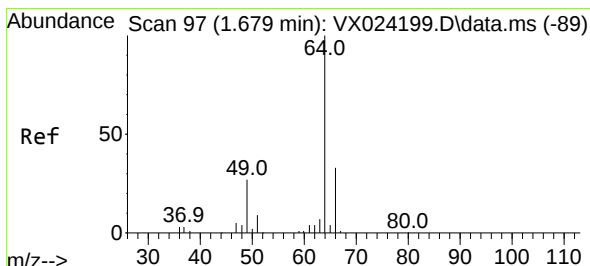
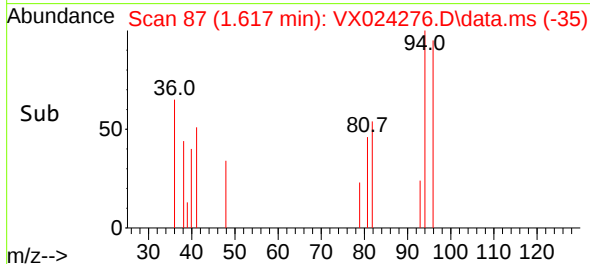
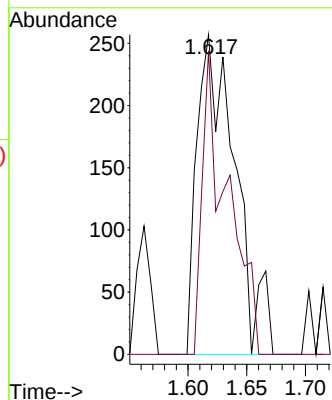
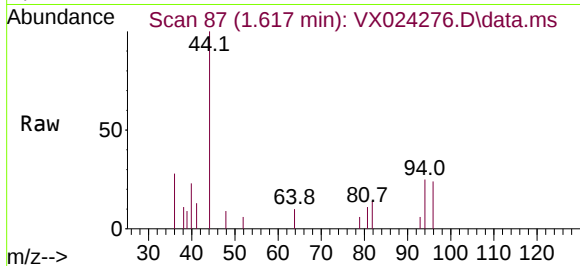




#5
Bromomethane
Concen: 0.696 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX024276.D
Acq: 16 Sep 2021 09:37

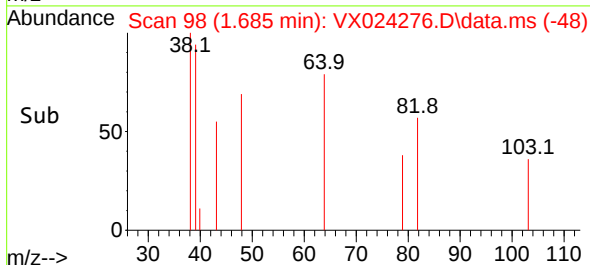
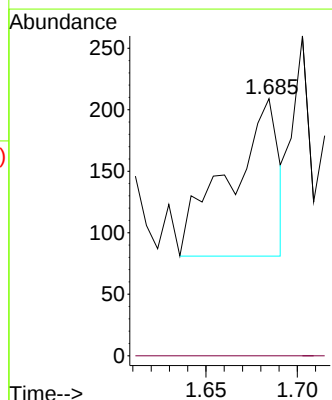
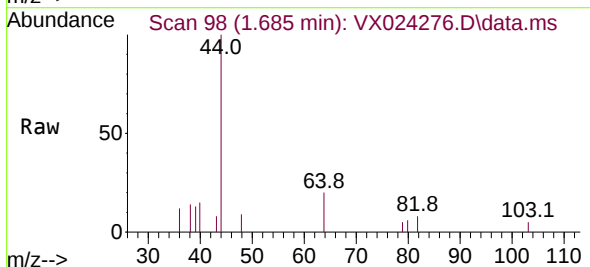
Instrument :
MSVOA_X
ClientSampled :
VX0916MBL01

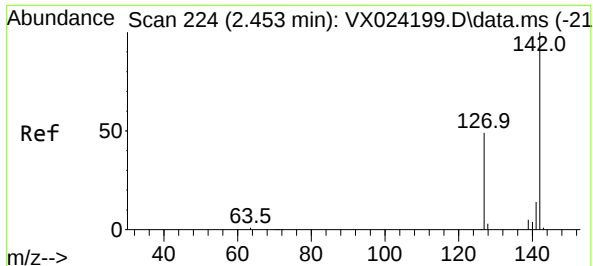
Tgt Ion: 94 Resp: 584
Ion Ratio Lower Upper
94 100
96 94.9 76.4 114.6



#6
Chloroethane
Concen: 2.202 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX024276.D
Acq: 16 Sep 2021 09:37

Tgt Ion: 64 Resp: 240
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

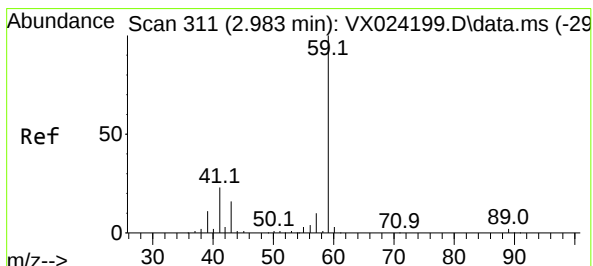
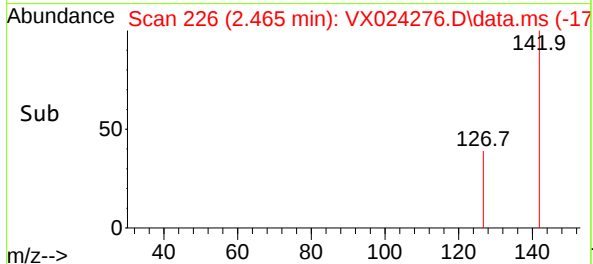
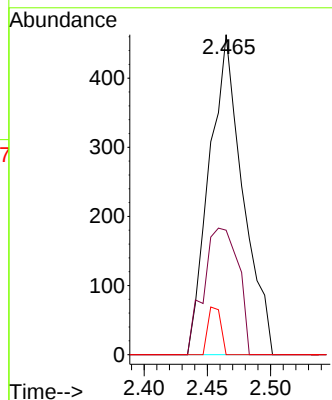
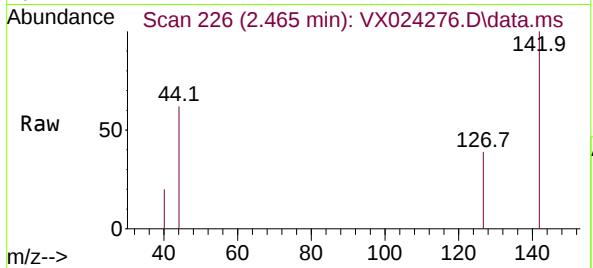




#10
Methyl Iodide
Concen: 0.444 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024276.D
Acq: 16 Sep 2021 09:37

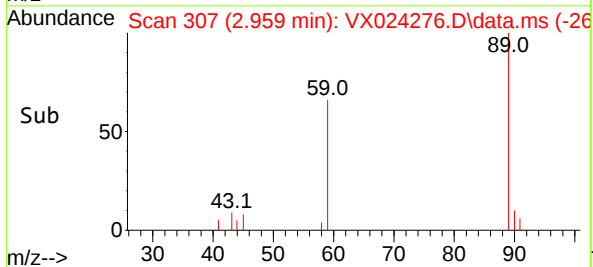
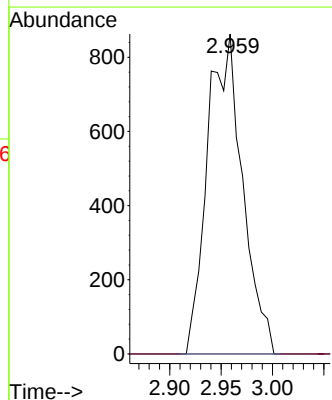
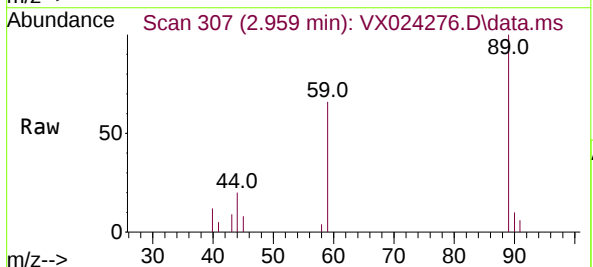
Instrument :
MSVOA_X
ClientSampled :
VX0916MBL01

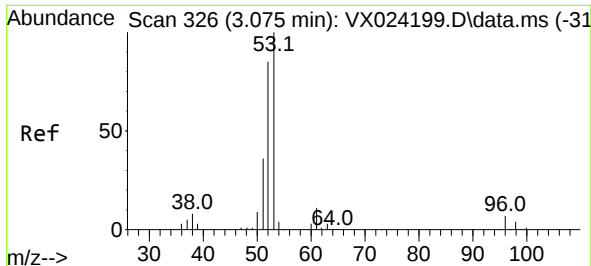
Tgt Ion:142 Resp: 853
Ion Ratio Lower Upper
142 100
127 40.9 33.3 49.9
141 5.7 11.4 17.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX024276.D
Acq: 16 Sep 2021 09:37

Tgt Ion: 59 Resp: 2050
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

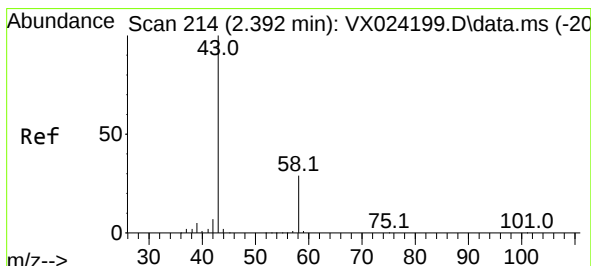
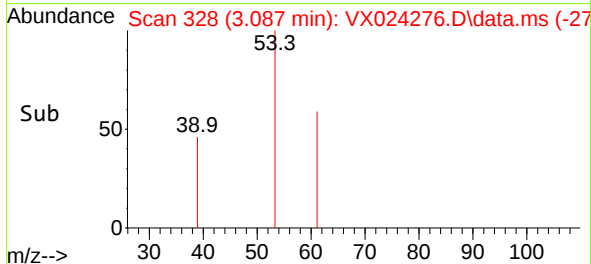
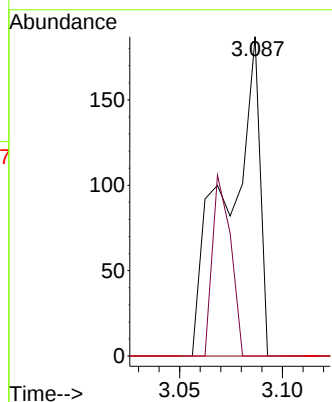
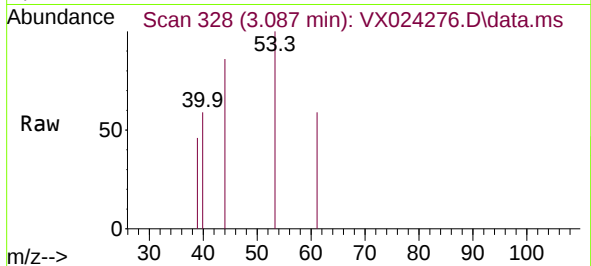




#15
Acrylonitrile
Concen: 0.250 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.012 min
Lab File: VX024276.D
Acq: 16 Sep 2021 09:37

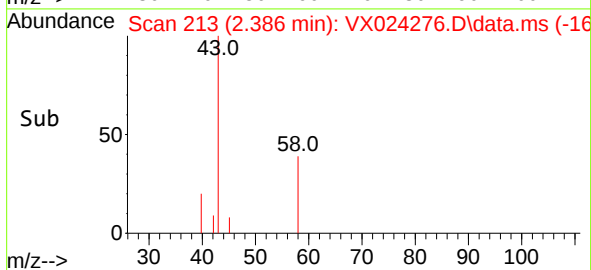
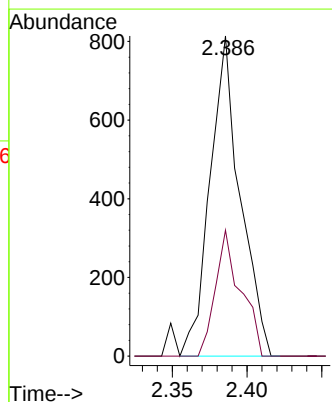
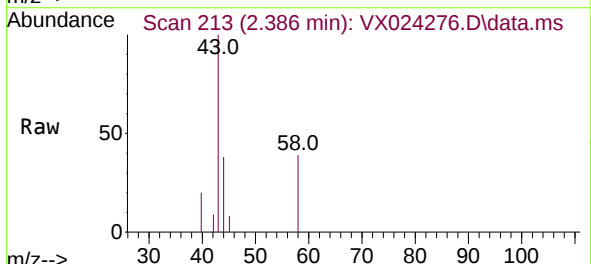
Instrument :
MSVOA_X
ClientSampleId :
VX0916MBL01

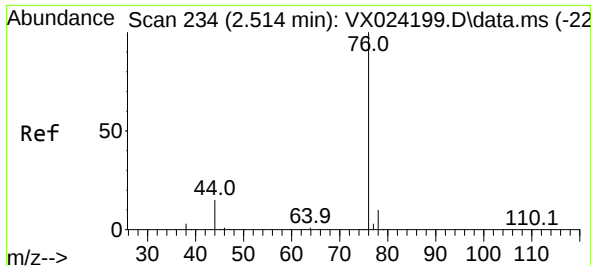
Tgt Ion: 53 Resp: 206
Ion Ratio Lower Upper
53 100
52 31.6 65.3 97.9#
51 0.0 28.2 42.2#



#16
Acetone
Concen: 1.331 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024276.D
Acq: 16 Sep 2021 09:37

Tgt Ion: 43 Resp: 1142
Ion Ratio Lower Upper
43 100
58 39.3 27.8 41.8

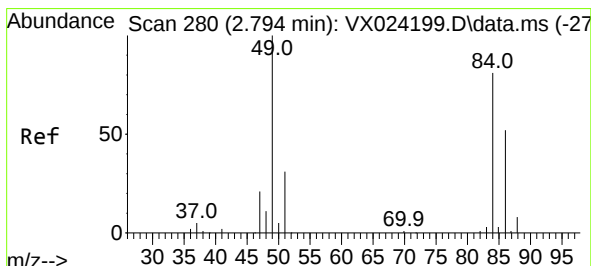
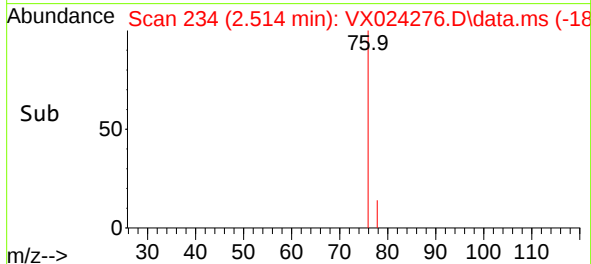
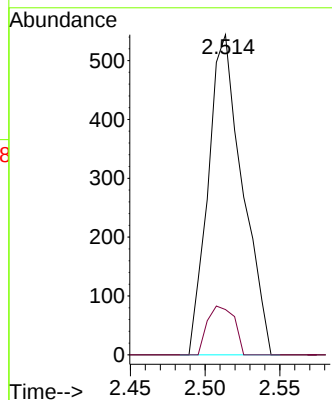
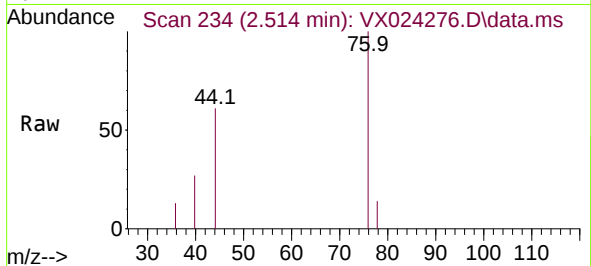




#17
Carbon Disulfide
Concen: 0.266 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024276.D
Acq: 16 Sep 2021 09:37

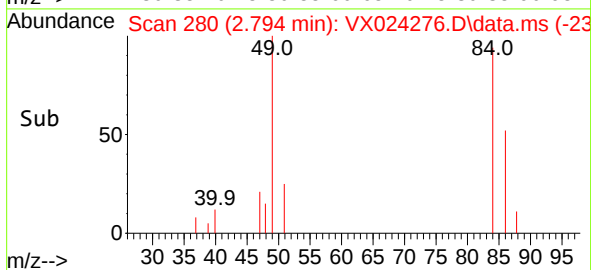
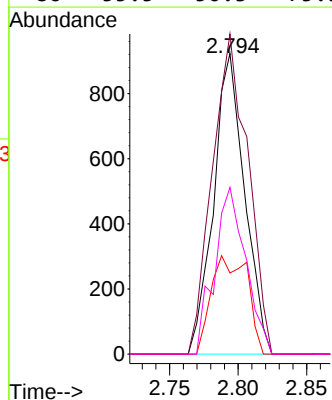
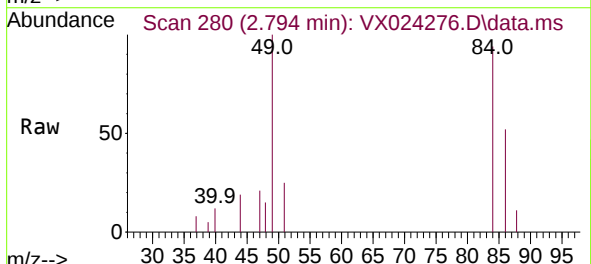
Instrument :
MSVOA_X
ClientSampleId :
VX0916MBL01

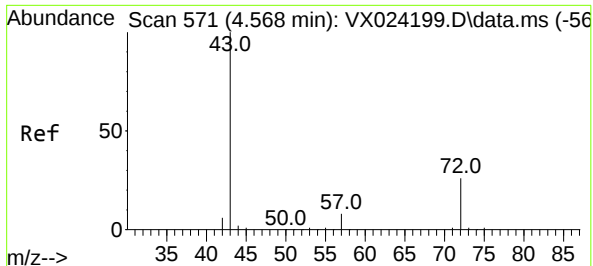
Tgt Ion: 76 Resp: 867
Ion Ratio Lower Upper
76 100
78 14.2 7.2 10.8#



#20
Methylene Chloride
Concen: 0.882 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX024276.D
Acq: 16 Sep 2021 09:37

Tgt Ion: 84 Resp: 1454
Ion Ratio Lower Upper
84 100
49 106.5 88.6 132.8
51 27.0 27.0 40.6#
86 55.5 50.3 75.5





#25

2-Butanone

Concen: 0.449 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.000 min

Lab File: VX024276.D

Acq: 16 Sep 2021 09:37

Tgt Ion: 43 Resp: 567

Ion Ratio Lower Upper

43 100

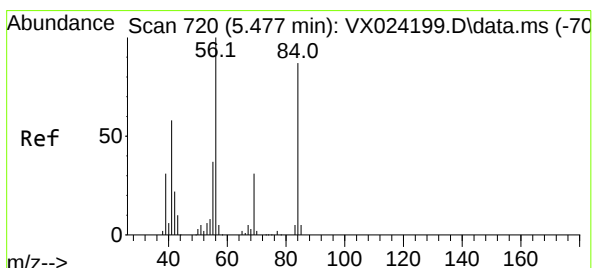
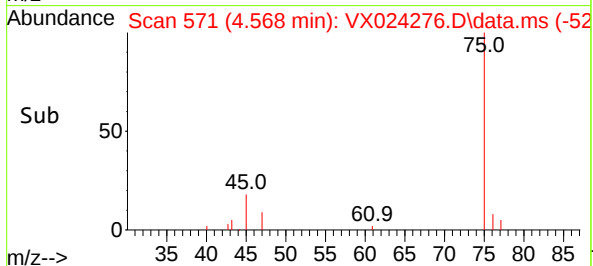
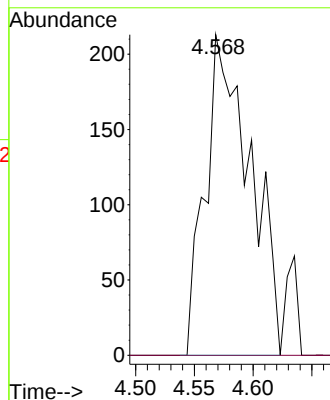
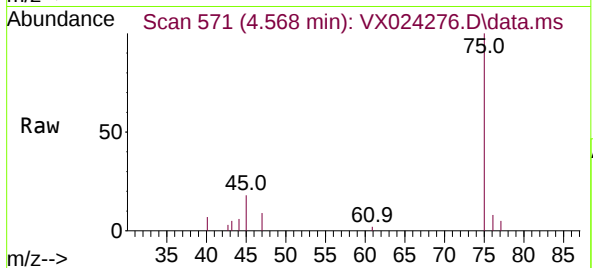
72 0.0 23.7 35.5#

Instrument :

MSVOA_X

ClientSampleId :

VX0916MBL01



#31

Cyclohexane

Concen: 1.418 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.073 min

Lab File: VX024276.D

Acq: 16 Sep 2021 09:37

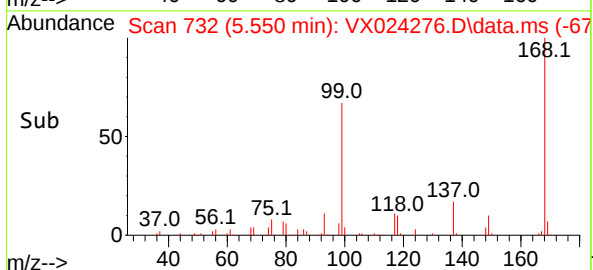
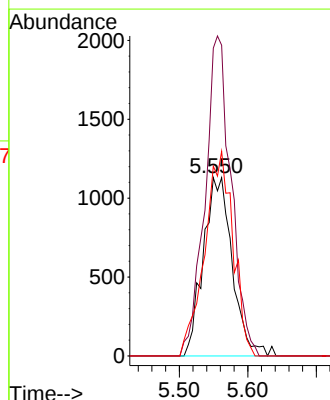
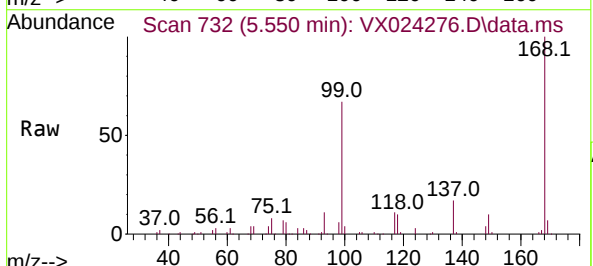
Tgt Ion: 56 Resp: 3338

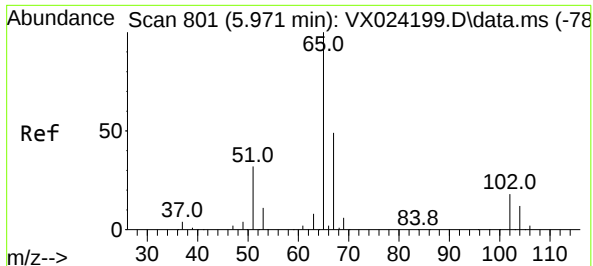
Ion Ratio Lower Upper

56 100

69 172.7 25.3 37.9#

84 106.5 71.4 107.0

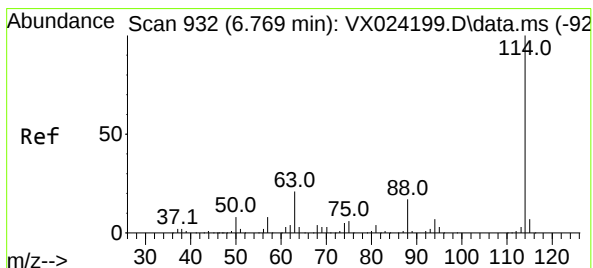
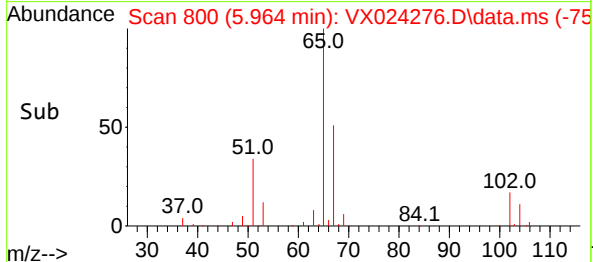
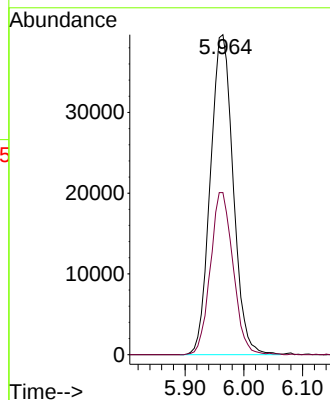
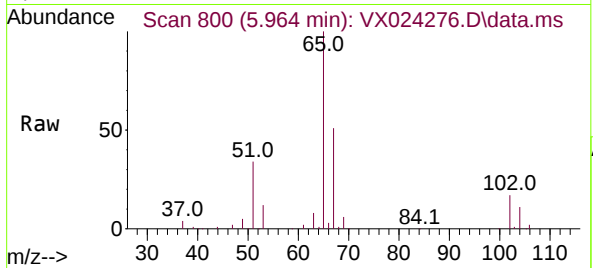




#33
1,2-Dichloroethane-d4
Concen: 53.075 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024276.D
Acq: 16 Sep 2021 09:37

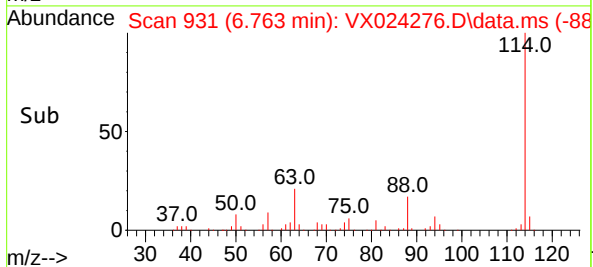
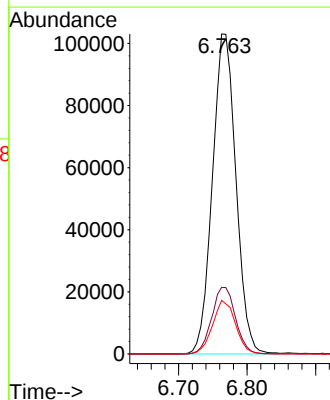
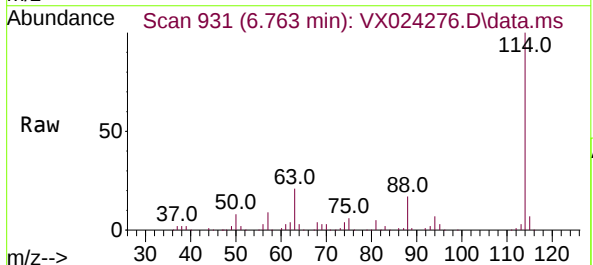
Instrument :
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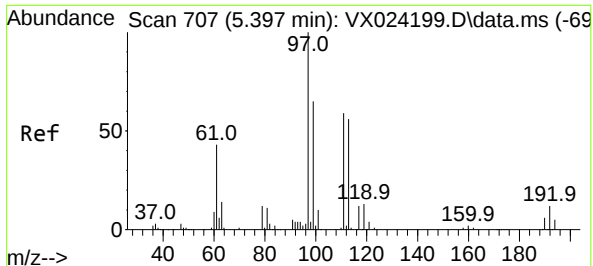
Tgt Ion: 65 Resp: 106823
Ion Ratio Lower Upper
65 100
67 50.4 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX024276.D
Acq: 16 Sep 2021 09:37

Tgt Ion: 114 Resp: 245408
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 16.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.938 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX024276.D

Acq: 16 Sep 2021 09:37

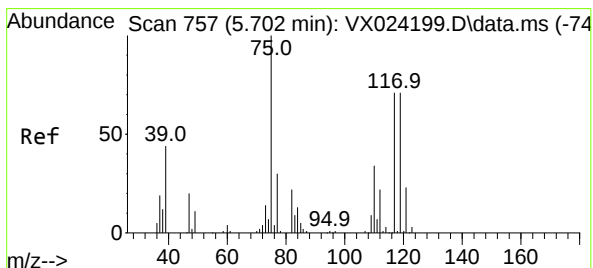
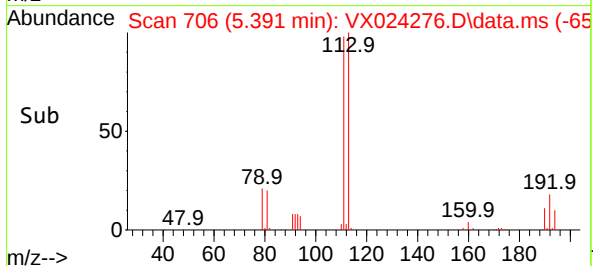
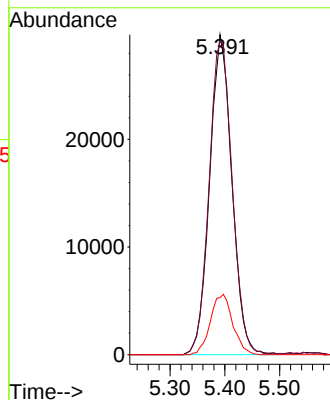
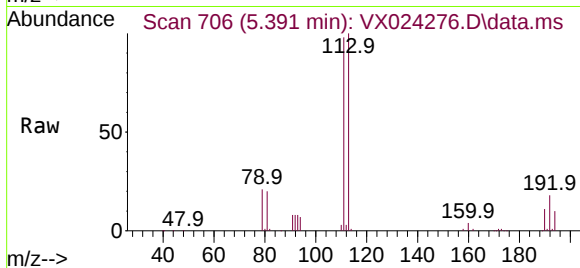
Tgt Ion:113 Resp: 83834

Ion Ratio Lower Upper

113 100

111 101.6 81.9 122.9

192 18.9 16.7 25.1



#36

1,1-Dichloropropene

Concen: 4.862 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX024276.D

Acq: 16 Sep 2021 09:37

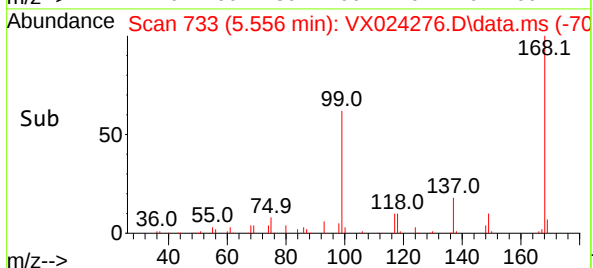
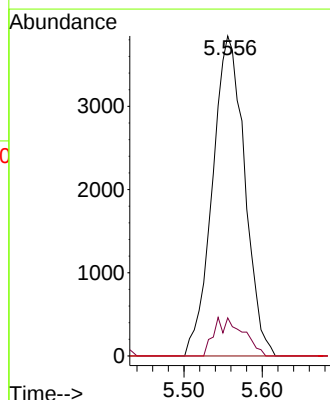
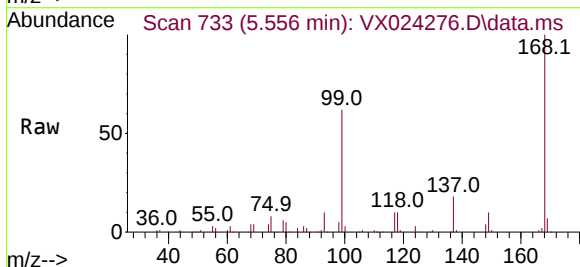
Tgt Ion: 75 Resp: 10970

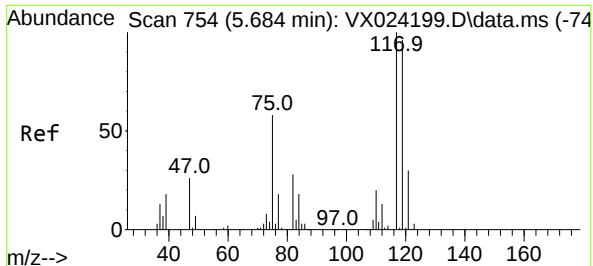
Ion Ratio Lower Upper

75 100

110 10.8 18.1 54.4#

77 0.0 25.3 37.9#

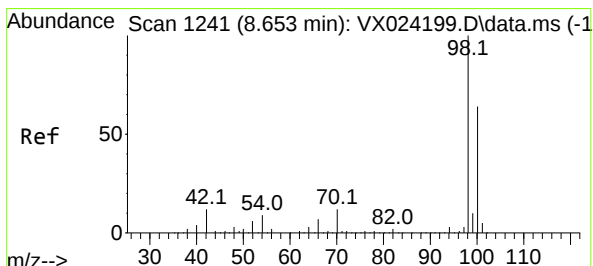
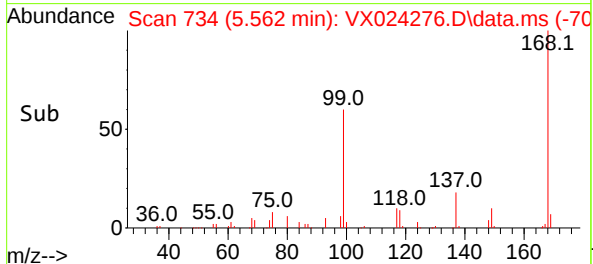
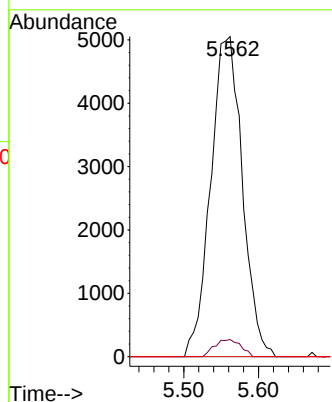
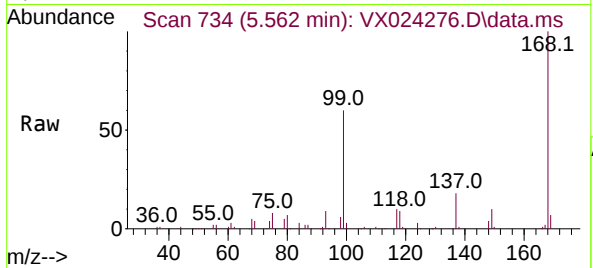




#38
Carbon Tetrachloride
Concen: 5.852 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX024276.D
Acq: 16 Sep 2021 09:37

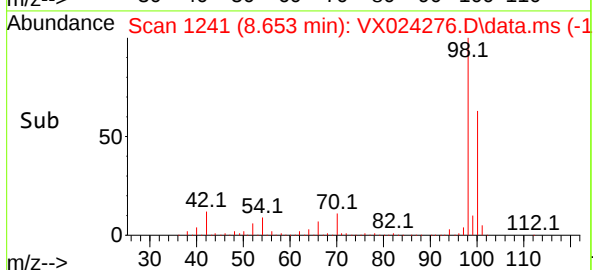
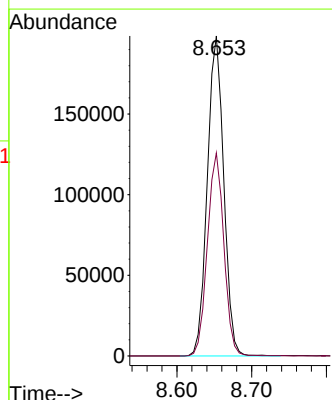
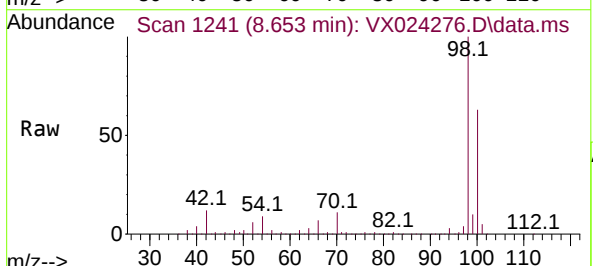
Instrument :
MSVOA_X
ClientSampleId :
VX0916MBL01

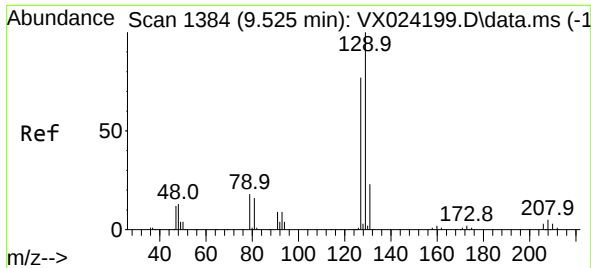
Tgt Ion:117 Resp: 14862
Ion Ratio Lower Upper
117 100
119 5.4 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.543 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024276.D
Acq: 16 Sep 2021 09:37

Tgt Ion: 98 Resp: 303036
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9

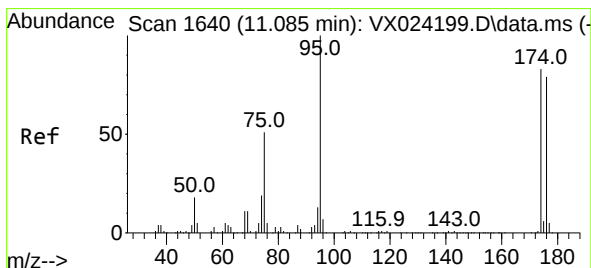
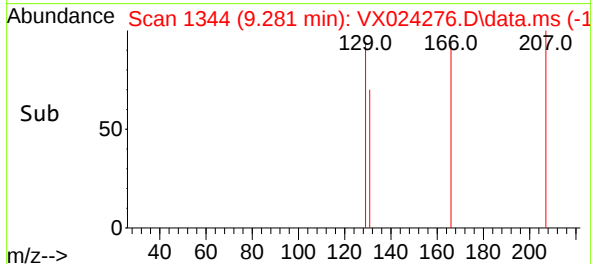
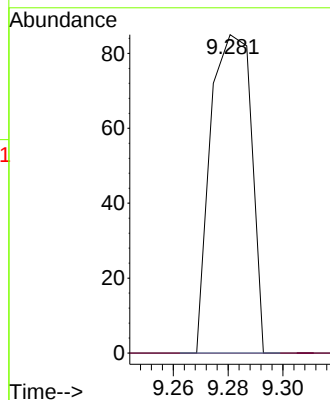
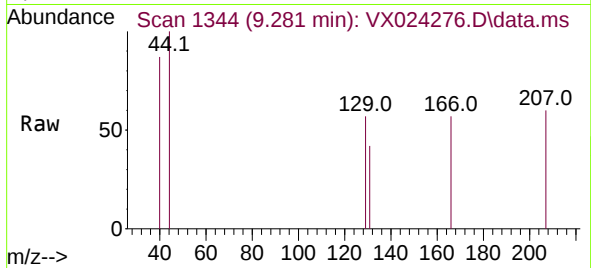




#60
Dibromochloromethane
Concen: 1.767 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX024276.D
Acq: 16 Sep 2021 09:37

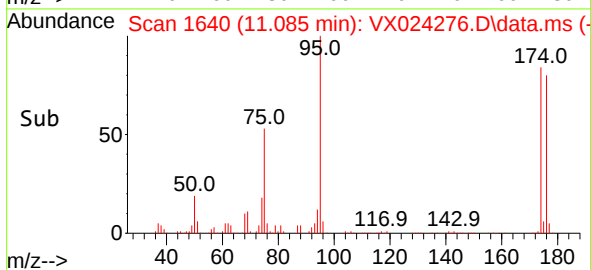
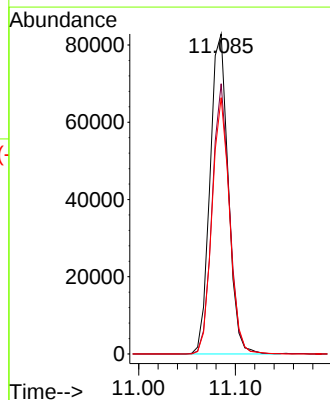
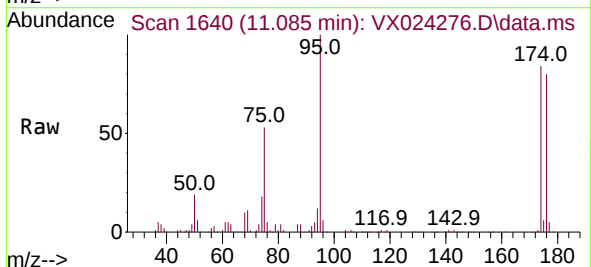
Instrument :
MSVOA_X
ClientSampleId :
VX0916MBL01

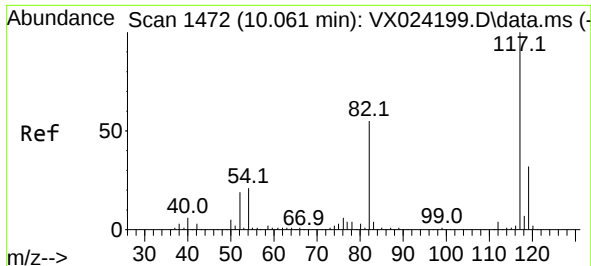
Tgt Ion:129 Resp: 87
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 46.359 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024276.D
Acq: 16 Sep 2021 09:37

Tgt Ion: 95 Resp: 108170
Ion Ratio Lower Upper
95 100
174 80.4 0.0 154.6
176 77.4 0.0 155.8

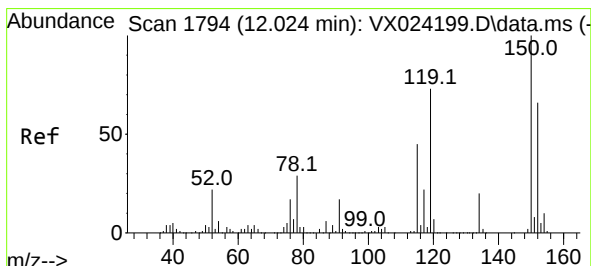
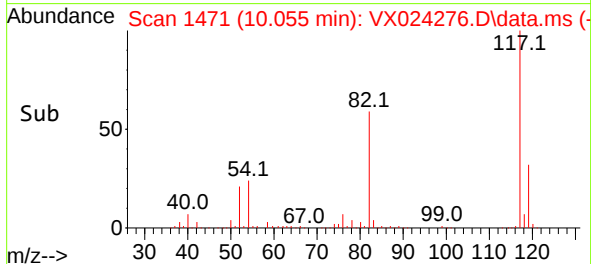
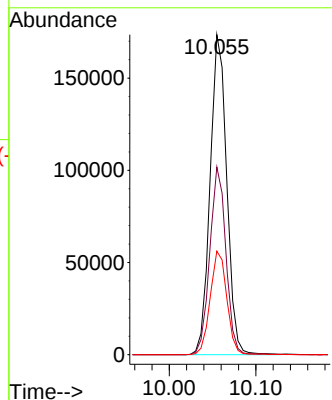
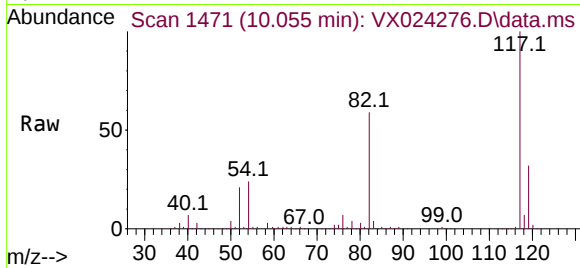




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024276.D
Acq: 16 Sep 2021 09:37

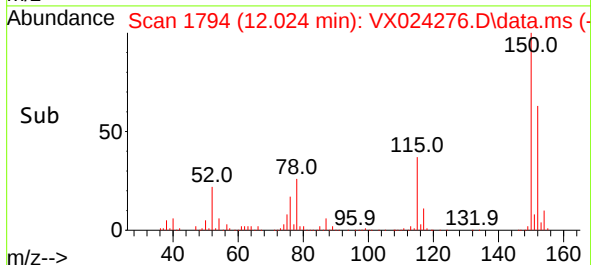
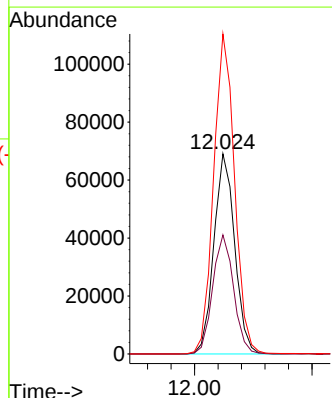
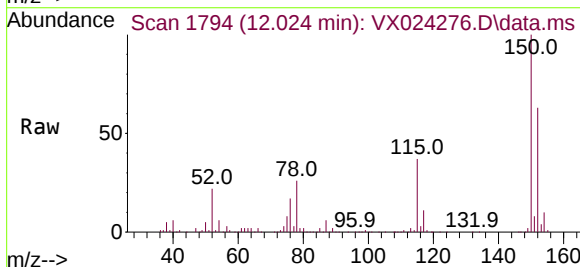
Instrument :
MSVOA_X
ClientSampleId :
VX0916MBL01

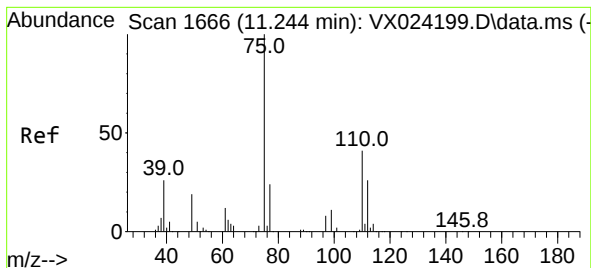
Tgt Ion:117 Resp: 231688
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.2
119 32.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024276.D
Acq: 16 Sep 2021 09:37

Tgt Ion:152 Resp: 85063
Ion Ratio Lower Upper
152 100
115 59.7 41.1 123.3
150 160.7 0.0 349.0





#76

1,2,3-Trichloropropane

Concen: 29.827 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.159 min

Lab File: VX024276.D

Acq: 16 Sep 2021 09:37

Tgt Ion: 75 Resp: 58339

Ion Ratio Lower Upper

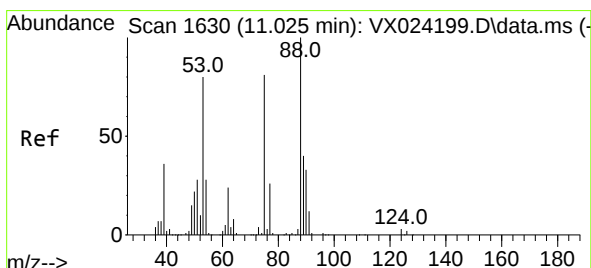
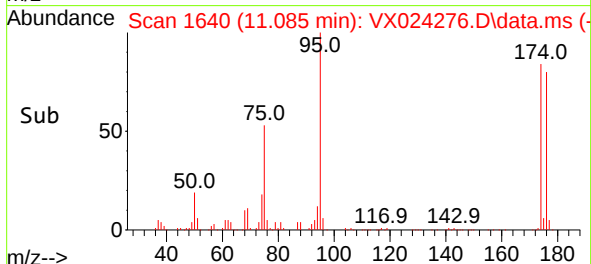
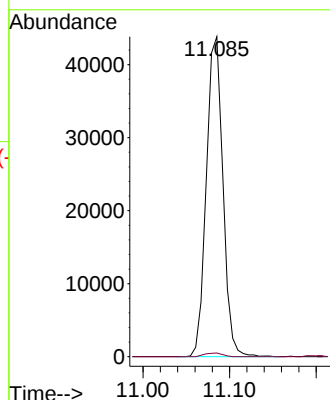
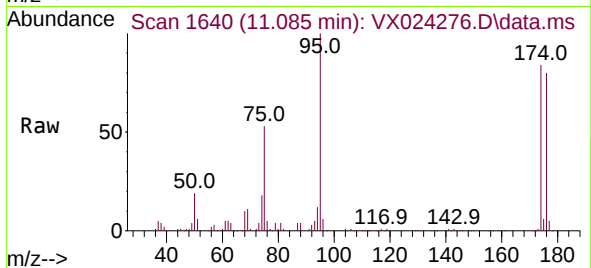
75 100
77 1.2 19.1 57.5#

Instrument :

MSVOA_X

ClientSampleId :

VX0916MBL01



#81

trans-1,4-Dichloro-2-butene

Concen: 87.720 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.060 min

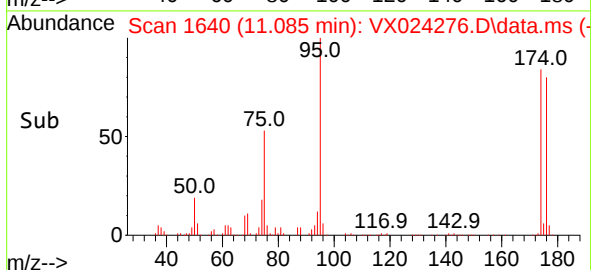
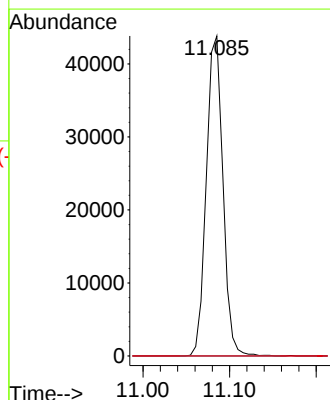
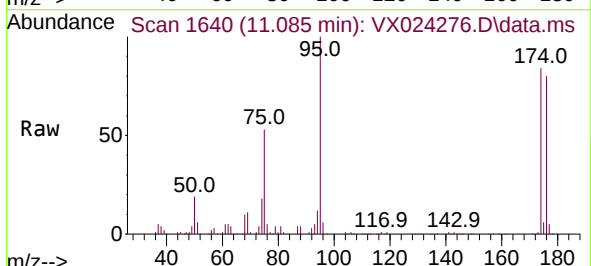
Lab File: VX024276.D

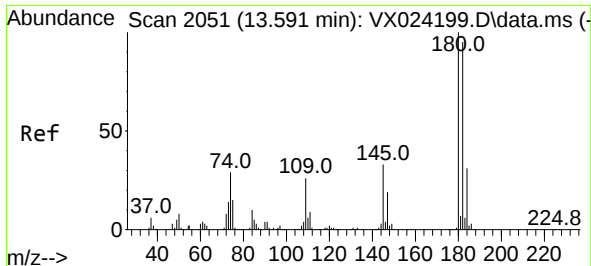
Acq: 16 Sep 2021 09:37

Tgt Ion: 75 Resp: 58339

Ion Ratio Lower Upper

75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

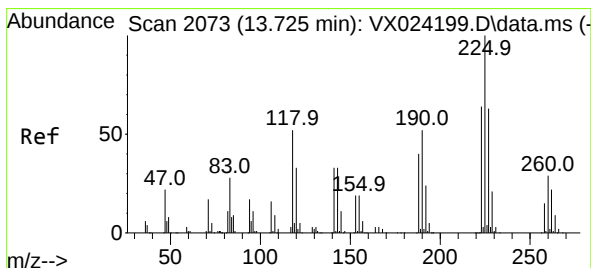
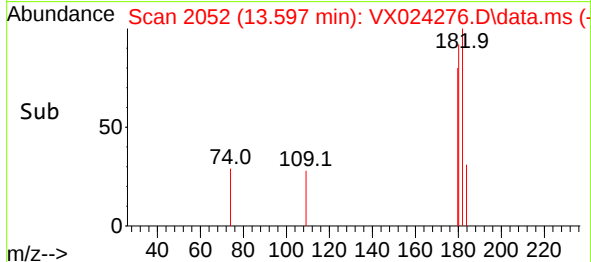
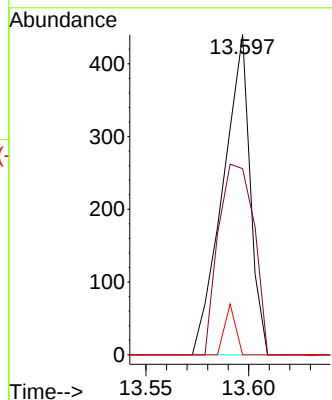
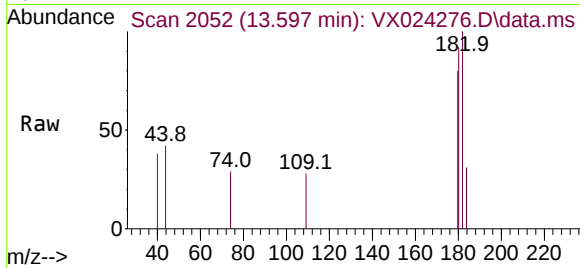




#93
1,2,4-Trichlorobenzene
Concen: 0.246 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.006 min
Lab File: VX024276.D
Acq: 16 Sep 2021 09:37

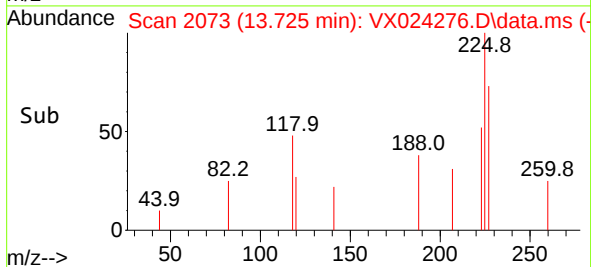
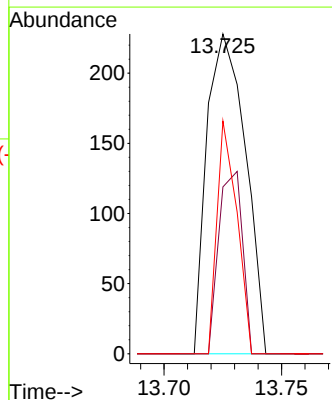
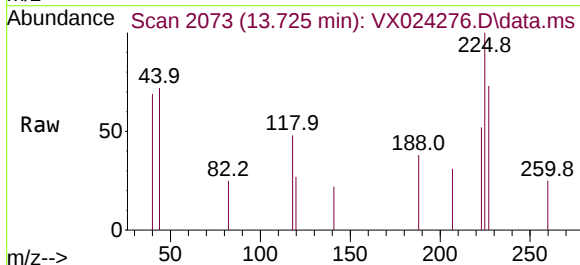
Instrument :
MSVOA_X
ClientSampleId :
VX0916MBL01

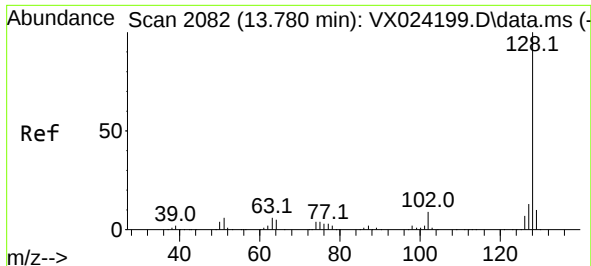
Tgt Ion:180 Resp: 405
Ion Ratio Lower Upper
180 100
182 77.8 47.7 143.1
145 6.4 15.0 45.0#



#94
Hexachlorobutadiene
Concen: 0.316 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX024276.D
Acq: 16 Sep 2021 09:37

Tgt Ion:225 Resp: 260
Ion Ratio Lower Upper
225 100
223 35.0 31.1 93.2
227 37.7 31.6 95.0

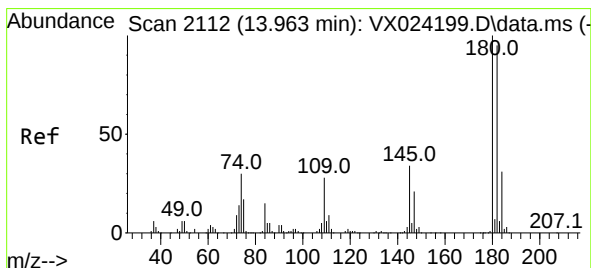
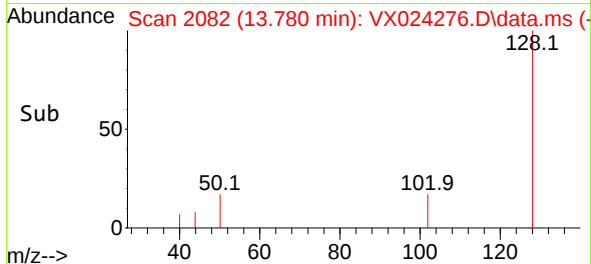
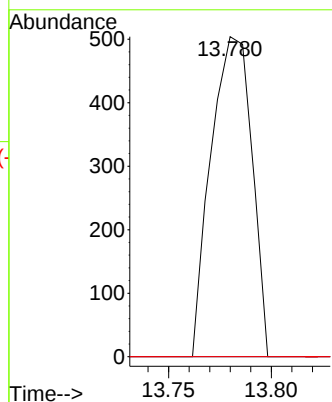
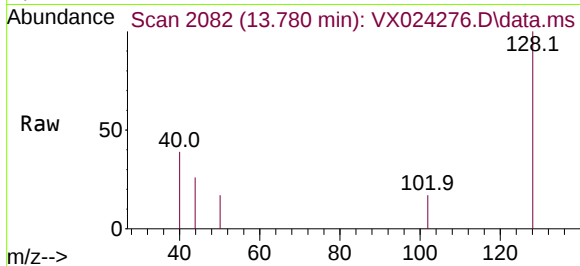




#95
Naphthalene
Concen: 1.399 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024276.D
Acq: 16 Sep 2021 09:37

Instrument :
MSVOA_X
ClientSampleId :
VX0916MBL01

Tgt Ion:	128	Resp:	699
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.8	13.2#



#96
1,2,3-Trichlorobenzene
Concen: 0.203 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX024276.D
Acq: 16 Sep 2021 09:37

Tgt Ion:	180	Resp:	337
Ion	Ratio	Lower	Upper
180	100		
182	76.9	47.6	142.9
145	17.5	16.1	48.3

