

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062722\
 Data File : VX029820.D
 Acq On : 27 Jun 2022 16:49
 Operator : JC/MD
 Sample : VX0627WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBL01

Quant Time: Jun 27 18:31:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 27 15:32:24 2022
 Response via : Initial Calibration

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

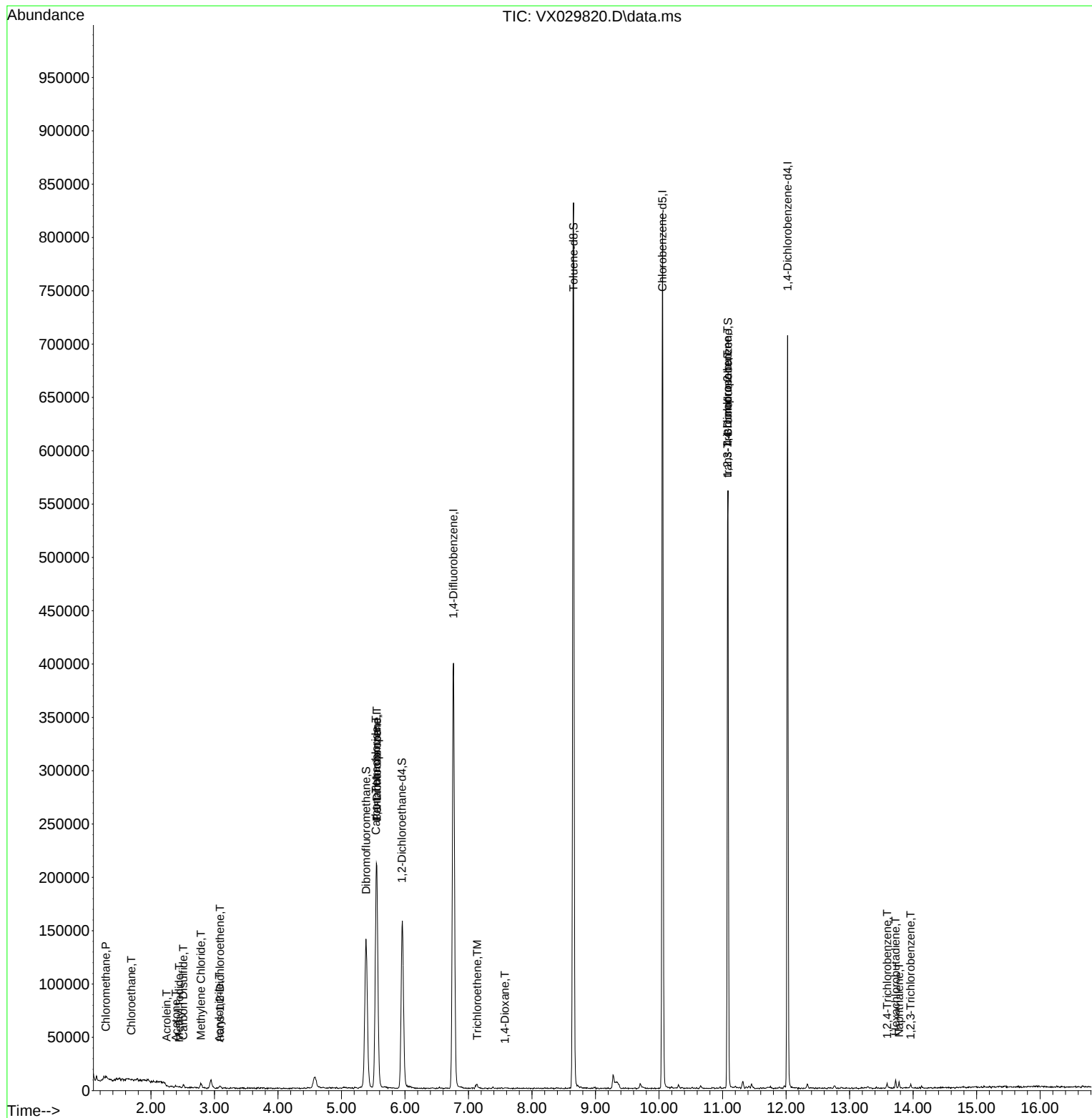
Internal Standards						
1) Pentafluorobenzene	5.556	168	191476	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	422152	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	363787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	134578	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	146018	49.223	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.440%
35) Dibromofluoromethane	5.385	113	127256	46.925	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.860%
50) Toluene-d8	8.653	98	505581	47.606	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.220%
62) 4-Bromofluorobenzene	11.085	95	169123	43.546	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.100%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	1416	0.531	ug/l	98
5) Bromomethane	1.611	94	601	Below Cal	#	73
6) Chloroethane	1.691	64	353	0.229	ug/l	# 77
10) Methyl Iodide	2.447	142	1111	0.427	ug/l	# 75
11) Tert butyl alcohol	2.946	59	4524	Below Cal	#	77
13) Acrolein	2.245	56	516	0.994	ug/l	# 47
15) Acrylonitrile	3.075	53	958	0.549	ug/l	# 59
16) Acetone	2.392	43	1793	1.268	ug/l	94
17) Carbon Disulfide	2.508	76	3298	0.549	ug/l	# 88
20) Methylene Chloride	2.788	84	2113	0.722	ug/l	# 72
21) trans-1,2-Dichloroethene	3.087	96	532	0.213	ug/l	# 74
36) 1,1-Dichloropropene	5.556	75	17587	4.427	ug/l	# 48
38) Carbon Tetrachloride	5.544	117	20720	6.430	ug/l	# 16
44) Trichloroethene	7.135	130	1630	0.533	ug/l	88
49) 1,4-Dioxane	7.574	88	71	0.795	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	82043	21.505	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	82043	65.407	ug/l	# 15
93) 1,2,4-Trichlorobenzene	13.591	180	919	0.339	ug/l	89
94) Hexachlorobutadiene	13.725	225	961	0.987	ug/l	88
95) Naphthalene	13.780	128	2985	0.260	ug/l	# 95
96) 1,2,3-Trichlorobenzene	13.963	180	1003	0.366	ug/l	79

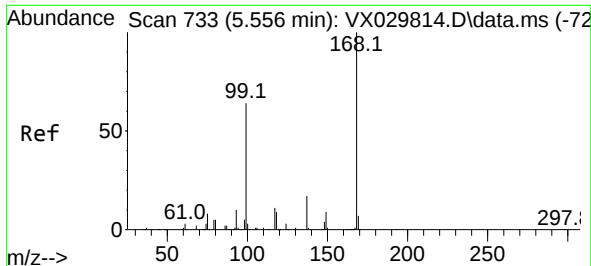
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0627WBL01

Quant Time: Jun 27 18:31:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062722W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 27 15:32:24 2022
Response via : Initial Calibration

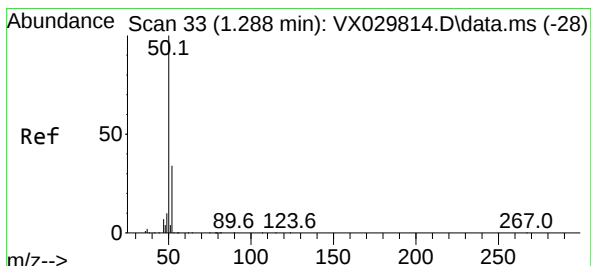
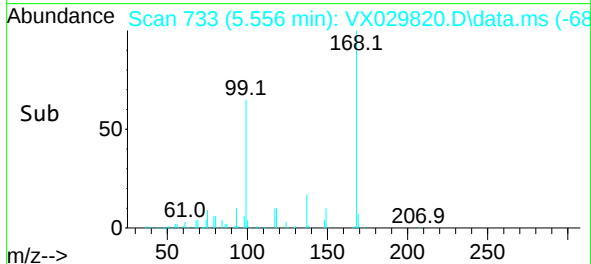
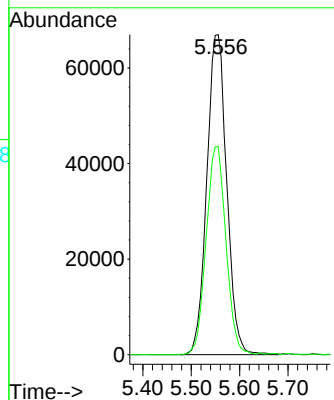
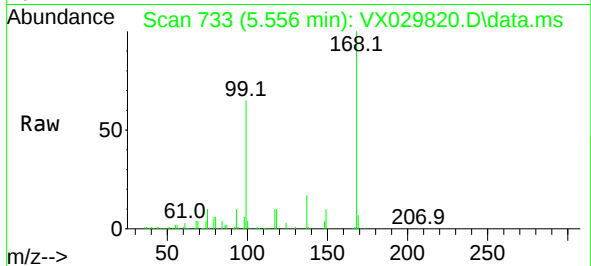




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX029820.D
Acq: 27 Jun 2022 16:49

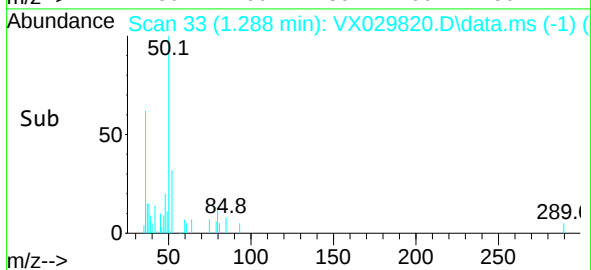
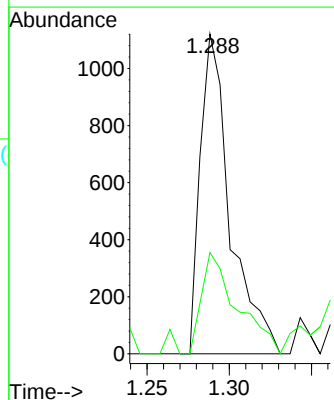
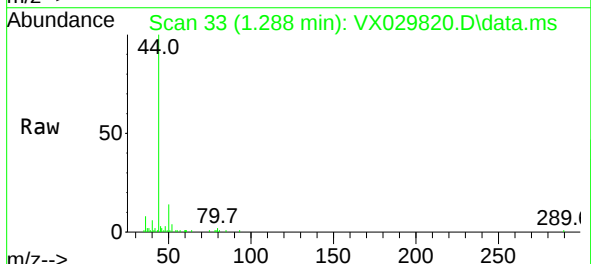
Instrument :
MSVOA_X
ClientSampleId :
VX0627WBL01

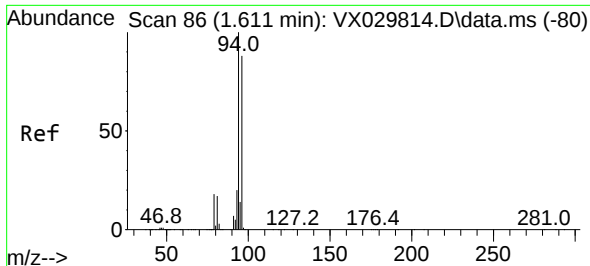
Tgt Ion:168 Resp: 191476
Ion Ratio Lower Upper
168 100
99 65.0 41.7 62.5#



#3
Chloromethane
Concen: 0.531 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.000 min
Lab File: VX029820.D
Acq: 27 Jun 2022 16:49

Tgt Ion: 50 Resp: 1416
Ion Ratio Lower Upper
50 100
52 31.7 26.4 39.6

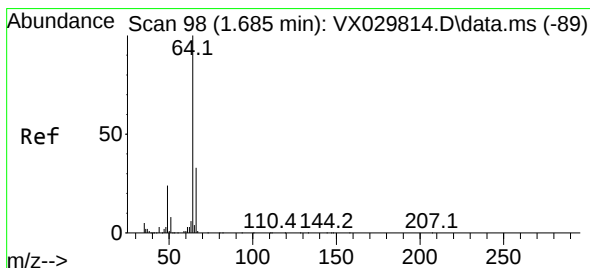
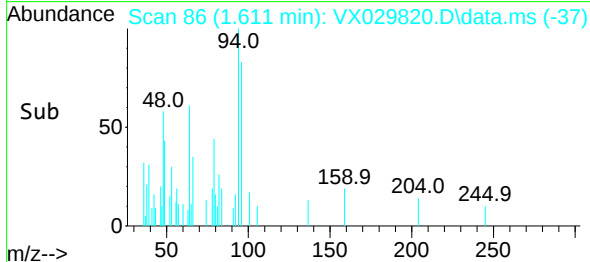
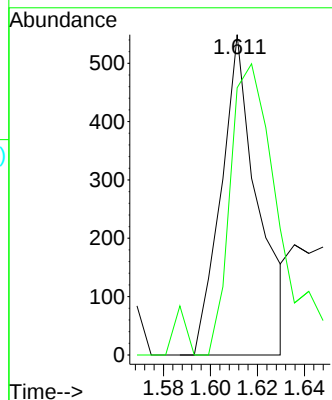
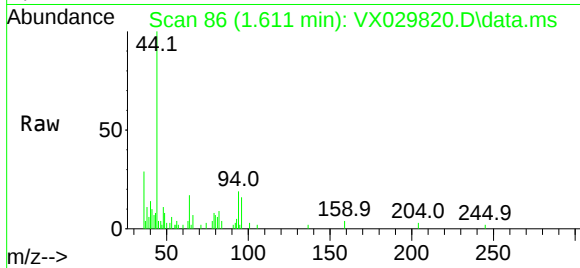




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX029820.D
Acq: 27 Jun 2022 16:49

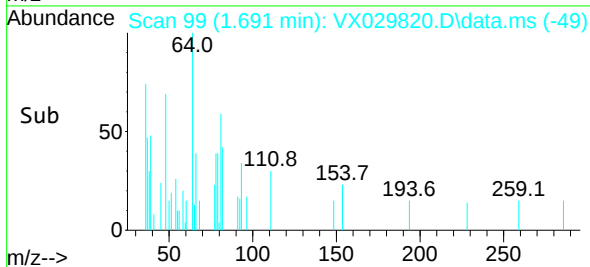
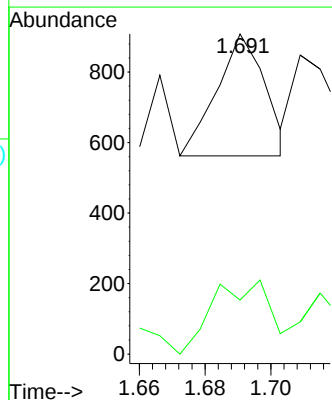
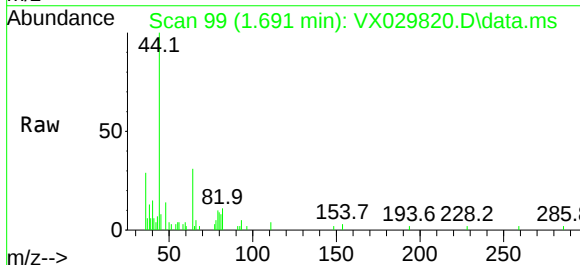
Instrument :
MSVOA_X
ClientSampleId :
VX0627WBL01

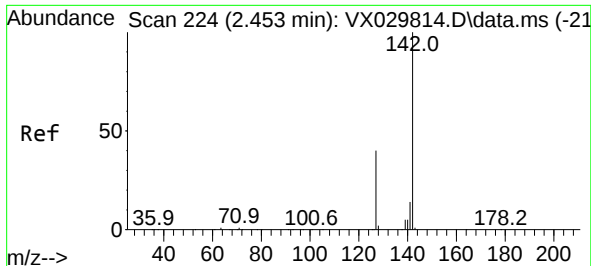
Tgt Ion: 94 Resp: 601
Ion Ratio Lower Upper
94 100
96 68.1 75.3 112.9#



#6
Chloroethane
Concen: 0.229 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX029820.D
Acq: 27 Jun 2022 16:49

Tgt Ion: 64 Resp: 353
Ion Ratio Lower Upper
64 100
66 44.2 25.3 37.9#

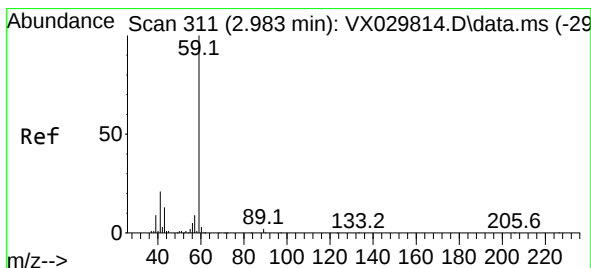
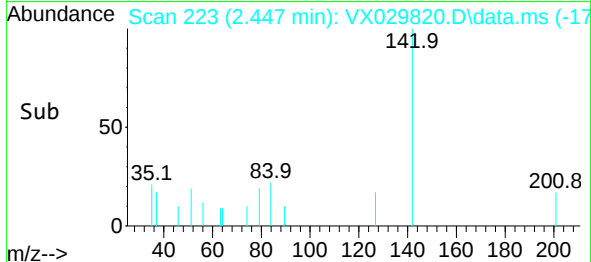
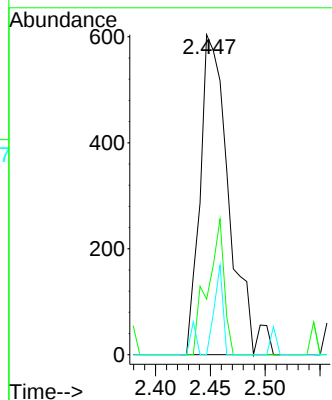
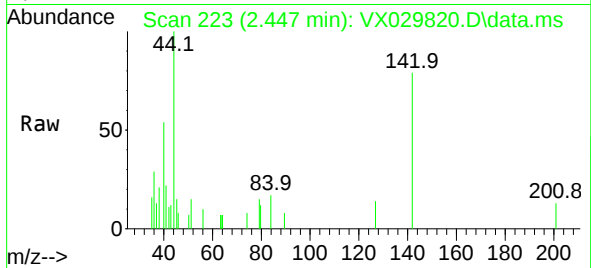




#10
Methyl Iodide
Concen: 0.427 ug/l
RT: 2.447 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX029820.D
Acq: 27 Jun 2022 16:49

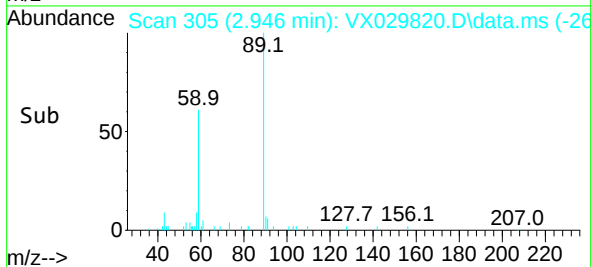
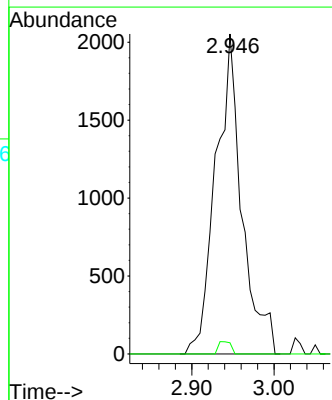
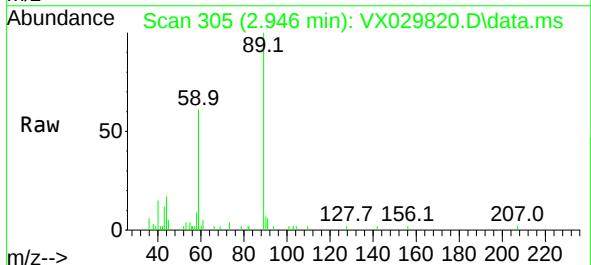
Instrument :
MSVOA_X
ClientSampleId :
VX0627WBL01

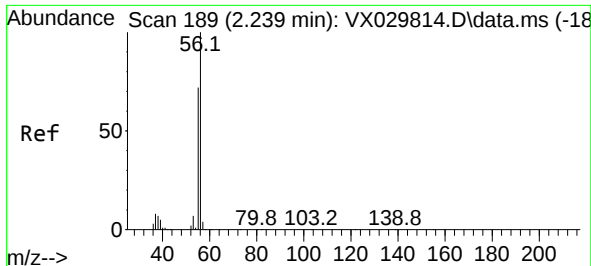
Tgt Ion:142 Resp: 1111
Ion Ratio Lower Upper
142 100
127 24.0 33.9 50.9#
141 8.1 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 305
Delta R.T. -0.037 min
Lab File: VX029820.D
Acq: 27 Jun 2022 16:49

Tgt Ion: 59 Resp: 4524
Ion Ratio Lower Upper
59 100
57 1.8 8.3 12.5#

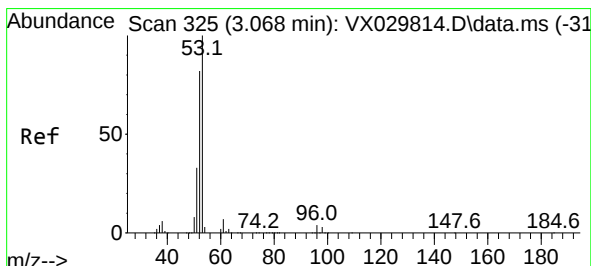
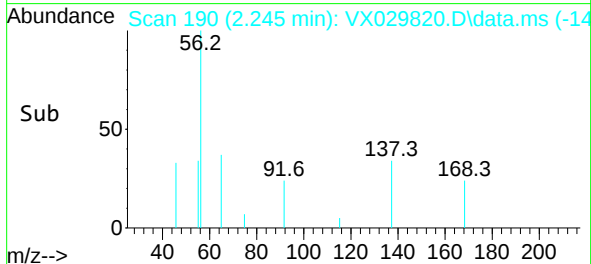
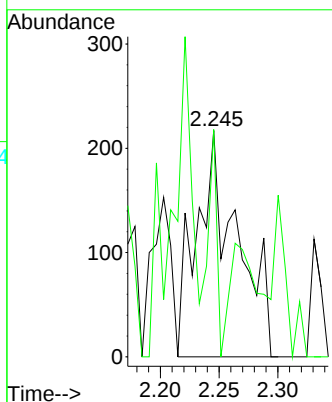
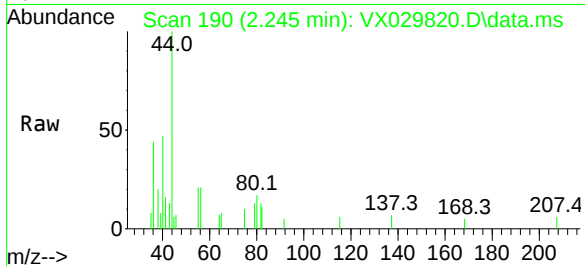




#13
Acrolein
Concen: 0.994 ug/l
RT: 2.245 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX029820.D
Acq: 27 Jun 2022 16:49

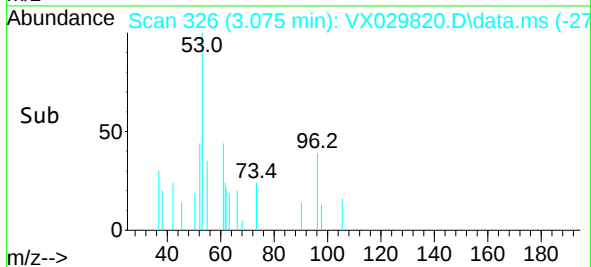
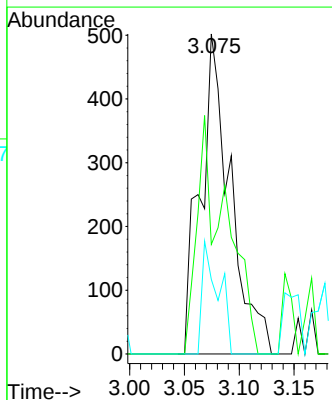
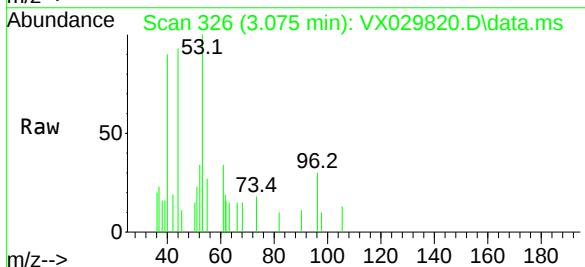
Instrument :
MSVOA_X
ClientSampleId :
VX0627WBL01

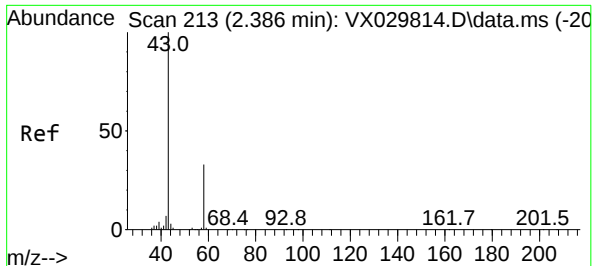
Tgt Ion: 56 Resp: 516
Ion Ratio Lower Upper
56 100
55 25.4 55.0 82.6#



#15
Acrylonitrile
Concen: 0.549 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.006 min
Lab File: VX029820.D
Acq: 27 Jun 2022 16:49

Tgt Ion: 53 Resp: 958
Ion Ratio Lower Upper
53 100
52 40.9 65.7 98.5#
51 19.2 28.4 42.6#

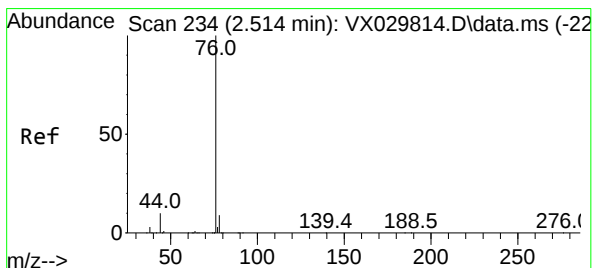
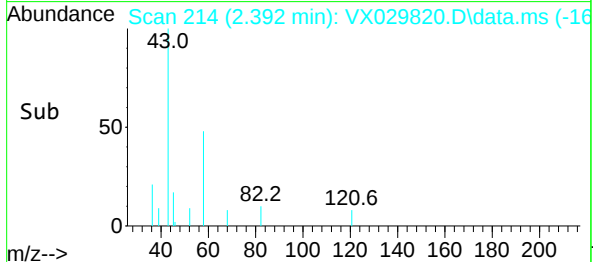
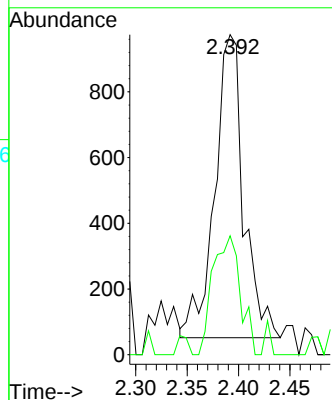
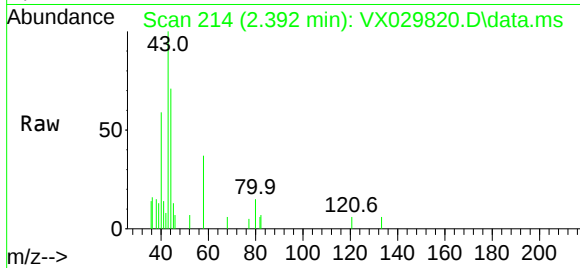




#16
Acetone
Concen: 1.268 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX029820.D
Acq: 27 Jun 2022 16:49

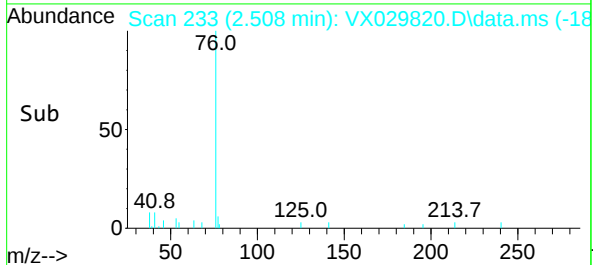
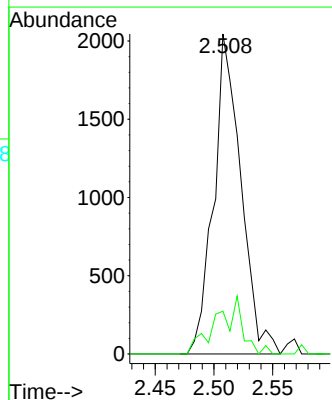
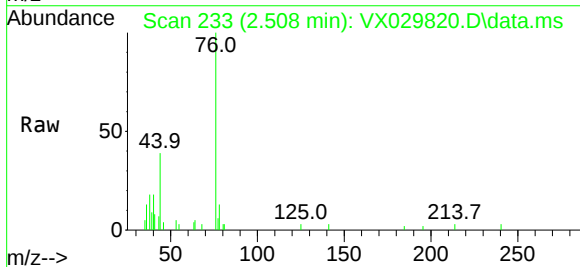
Instrument :
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ClientSampleId :
VX0627WBL01

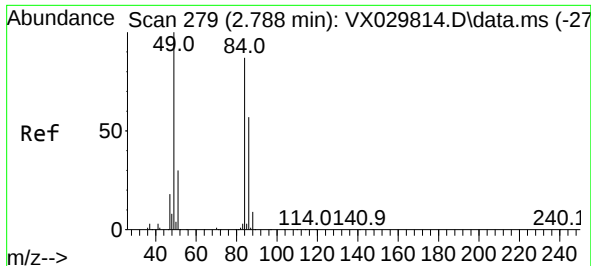
Tgt Ion: 43 Resp: 1793
Ion Ratio Lower Upper
43 100
58 39.3 28.8 43.2



#17
Carbon Disulfide
Concen: 0.549 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX029820.D
Acq: 27 Jun 2022 16:49

Tgt Ion: 76 Resp: 3298
Ion Ratio Lower Upper
76 100
78 13.3 7.2 10.8#

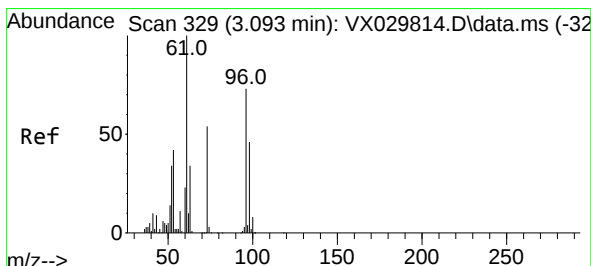
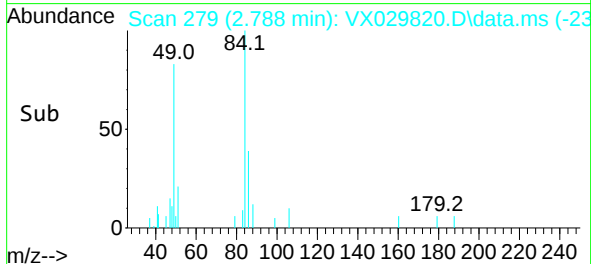
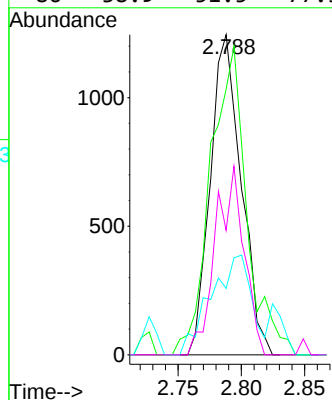
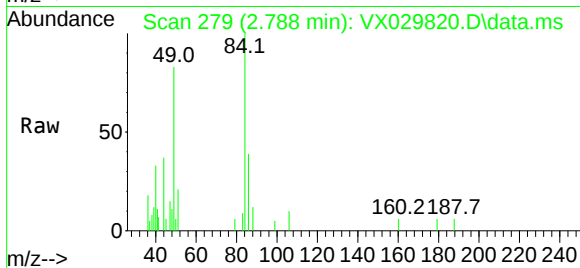




#20
Methylene Chloride
Concen: 0.722 ug/l
RT: 2.788 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VX029820.D
Acq: 27 Jun 2022 16:49

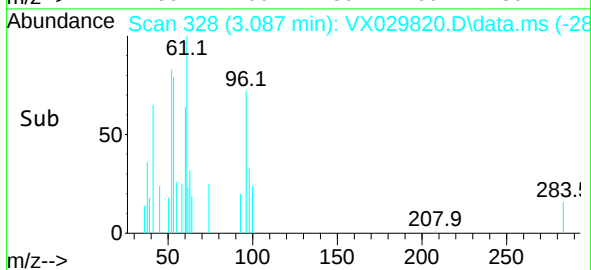
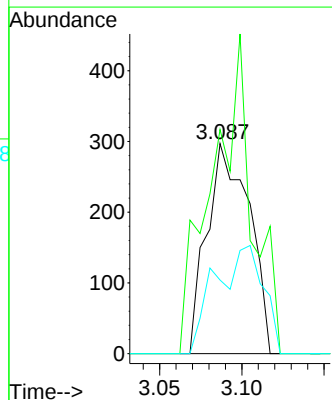
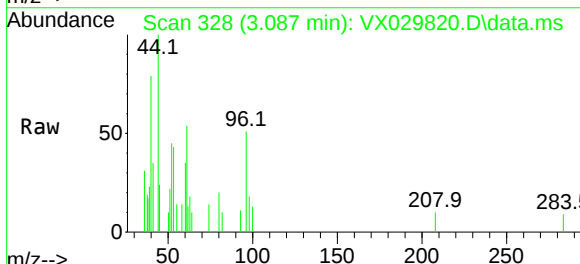
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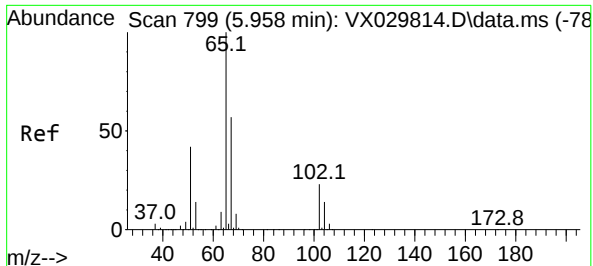
Tgt Ion:	84	Resp:	2113
Ion	Ratio	Lower	Upper
84	100		
49	78.2	85.5	128.3#
51	20.7	26.6	39.8#
86	38.9	51.5	77.3#



#21
trans-1,2-Dichloroethene
Concen: 0.213 ug/l
RT: 3.087 min Scan# 328
Delta R.T. -0.006 min
Lab File: VX029820.D
Acq: 27 Jun 2022 16:49

Tgt Ion:	96	Resp:	532
Ion	Ratio	Lower	Upper
96	100		
61	106.7	105.4	158.2
98	35.0	50.0	75.0#





#33

1,2-Dichloroethane-d4

Concen: 49.223 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX029820.D

Acq: 27 Jun 2022 16:49

Instrument :

MSVOA_X

ClientSampleId :

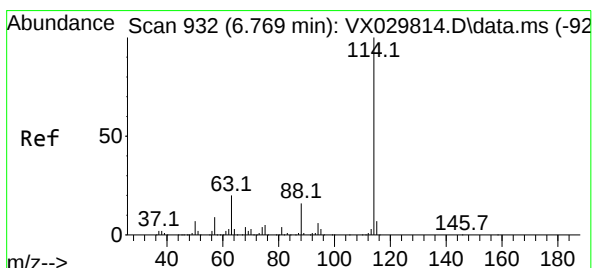
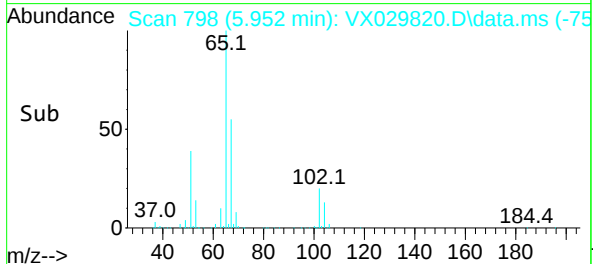
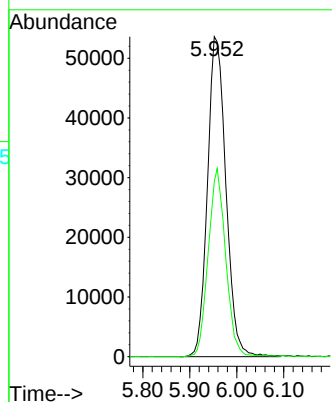
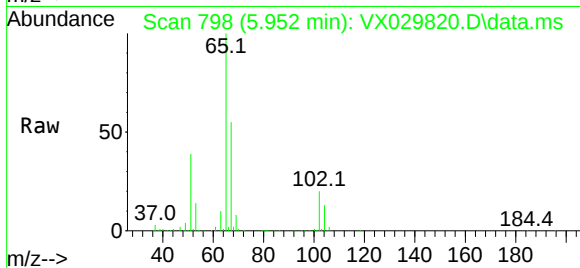
VX0627WBL01

Tgt Ion: 65 Resp: 146018

Ion Ratio Lower Upper

65 100

67 55.4 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX029820.D

Acq: 27 Jun 2022 16:49

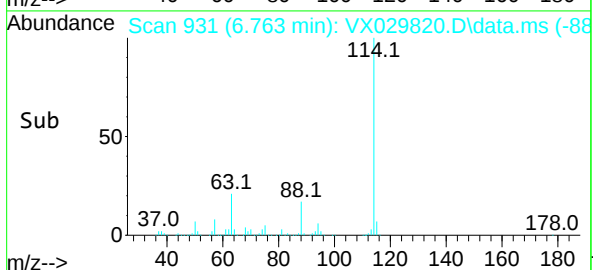
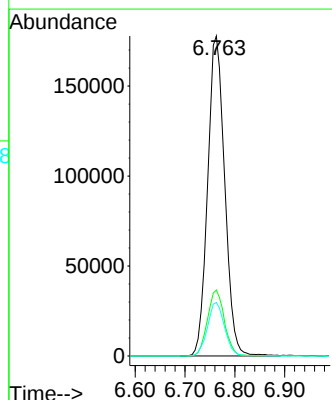
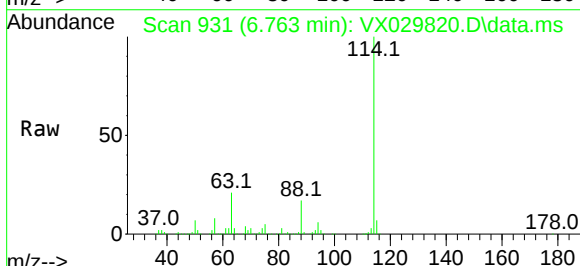
Tgt Ion: 114 Resp: 422152

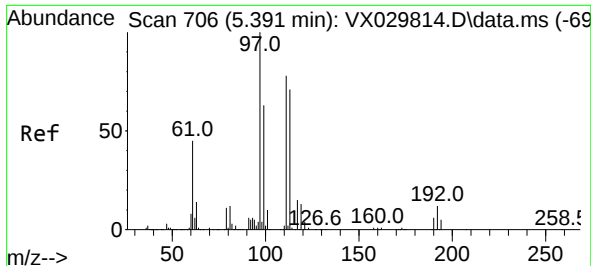
Ion Ratio Lower Upper

114 100

63 20.6 0.0 36.8

88 16.7 0.0 32.4

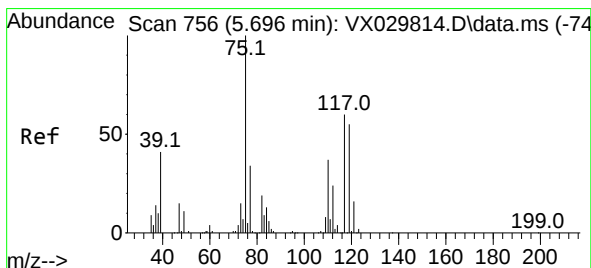
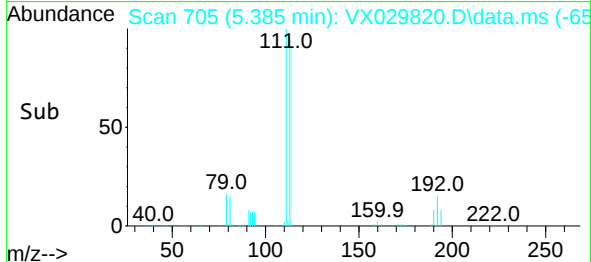
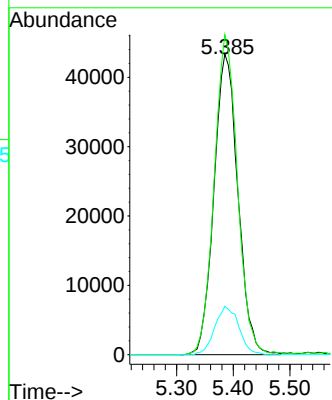
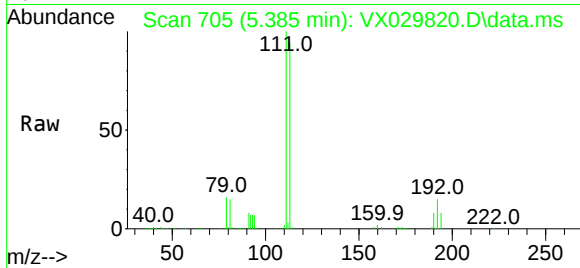




#35
Dibromofluoromethane
Concen: 46.925 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX029820.D
Acq: 27 Jun 2022 16:49

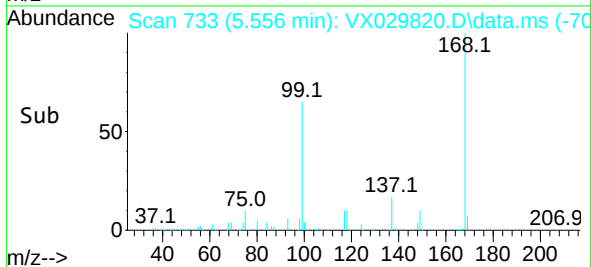
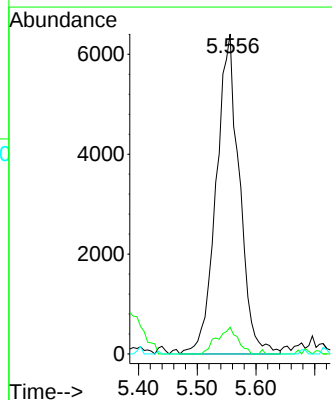
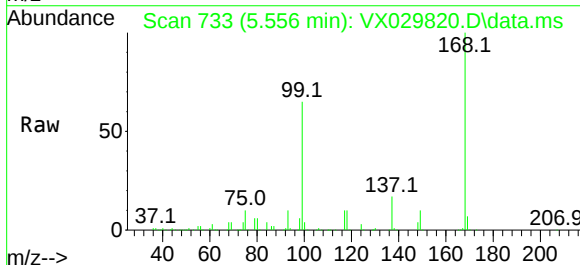
Instrument :
MSVOA_X
ClientSampleId :
VX0627WBL01

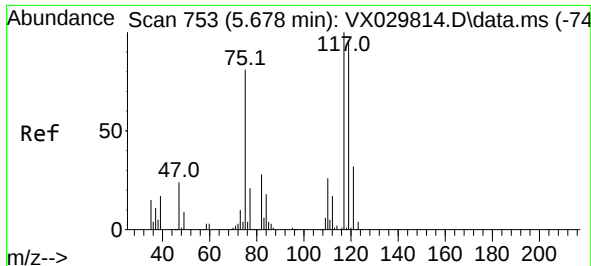
Tgt Ion:113 Resp: 127256
Ion Ratio Lower Upper
113 100
111 103.2 82.8 124.2
192 16.1 16.9 25.3#



#36
1,1-Dichloropropene
Concen: 4.427 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX029820.D
Acq: 27 Jun 2022 16:49

Tgt Ion: 75 Resp: 17587
Ion Ratio Lower Upper
75 100
110 7.5 18.3 54.8#
77 0.0 24.8 37.2#

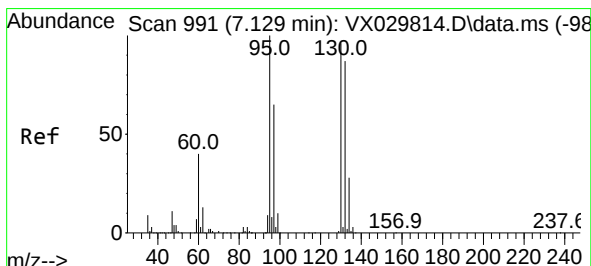
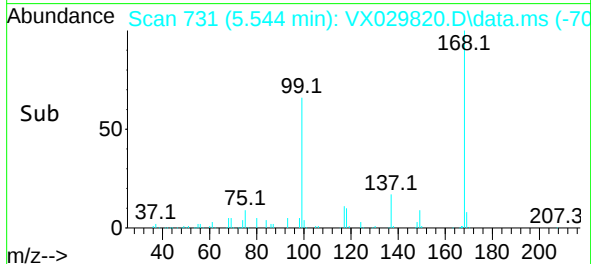
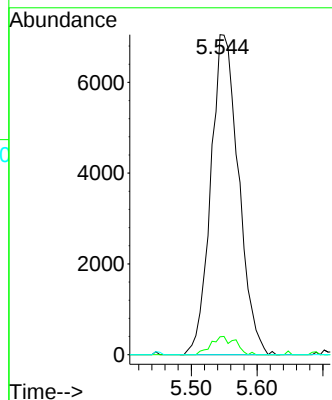
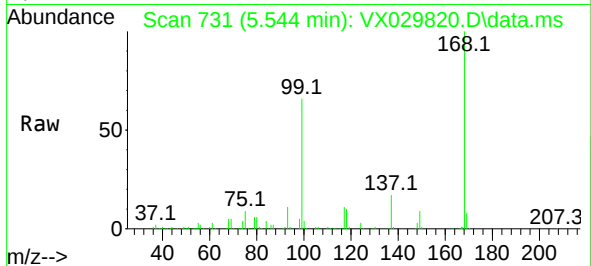




#38
Carbon Tetrachloride
Concen: 6.430 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX029820.D
Acq: 27 Jun 2022 16:49

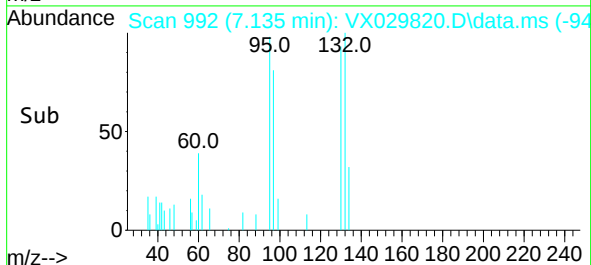
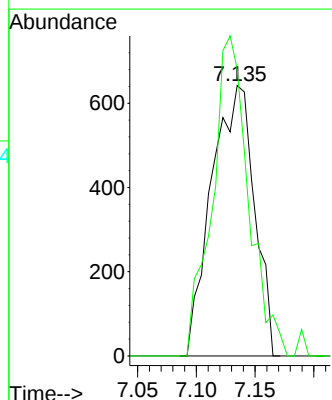
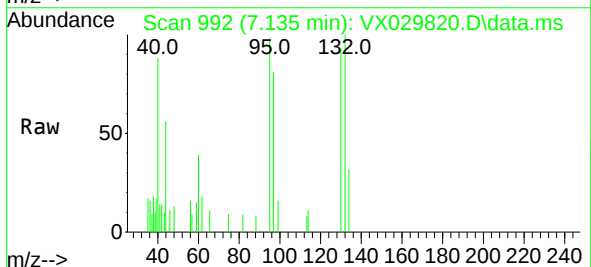
Instrument :
MSVOA_X
ClientSampleId :
VX0627WBL01

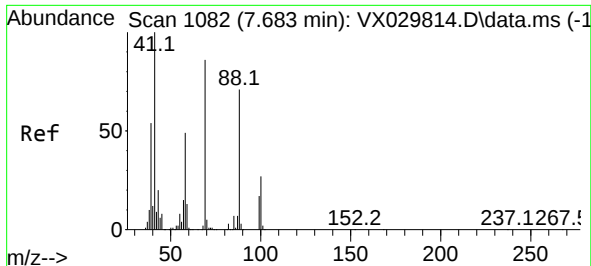
Tgt Ion:117 Resp: 20720
Ion Ratio Lower Upper
117 100
119 5.6 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 0.533 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX029820.D
Acq: 27 Jun 2022 16:49

Tgt Ion:130 Resp: 1630
Ion Ratio Lower Upper
130 100
95 106.2 0.0 188.8





#49

1,4-Dioxane

Concen: 0.795 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.110 min

Lab File: VX029820.D

Acq: 27 Jun 2022 16:49

Instrument :

MSVOA_X

ClientSampleId :

VX0627WBL01

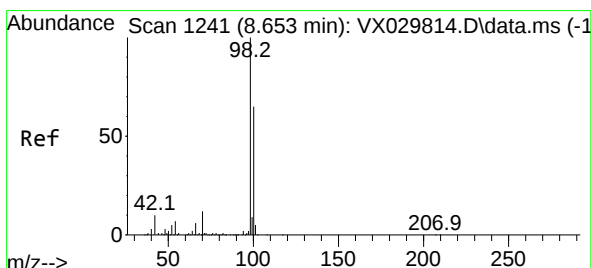
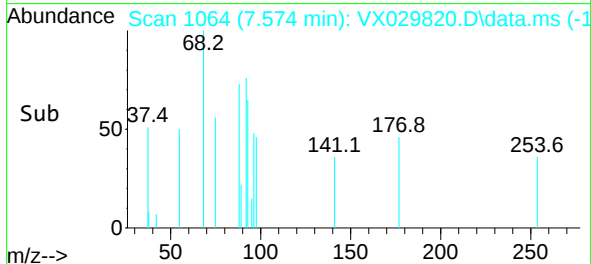
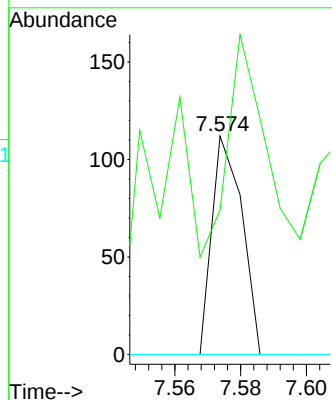
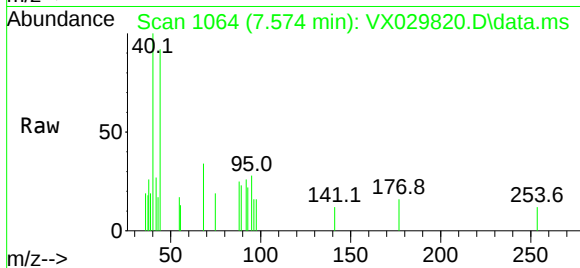
Tgt Ion: 88 Resp: 71

Ion Ratio Lower Upper

88 100

43 253.5 21.9 32.9#

58 0.0 53.7 80.5#



#50

Toluene-d8

Concen: 47.606 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX029820.D

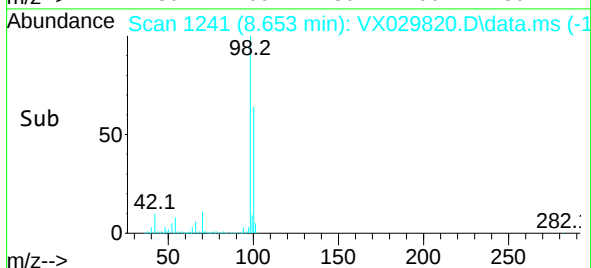
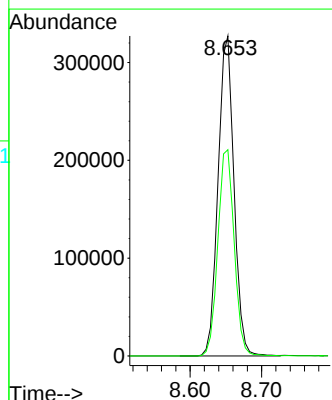
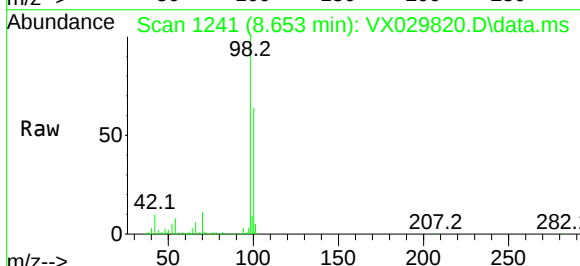
Acq: 27 Jun 2022 16:49

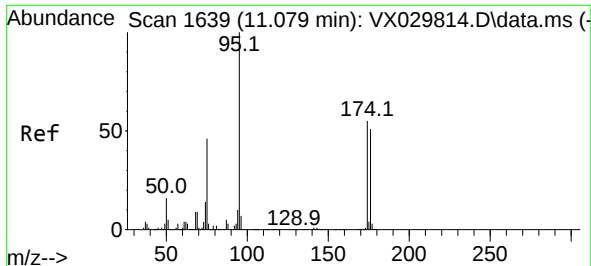
Tgt Ion: 98 Resp: 505581

Ion Ratio Lower Upper

98 100

100 66.2 52.6 78.8

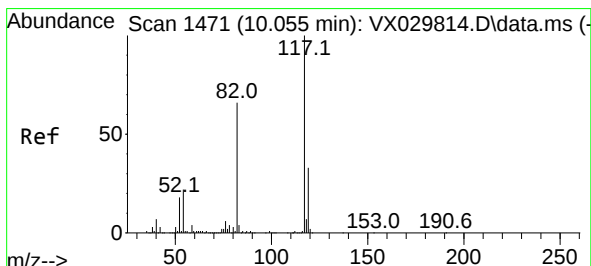
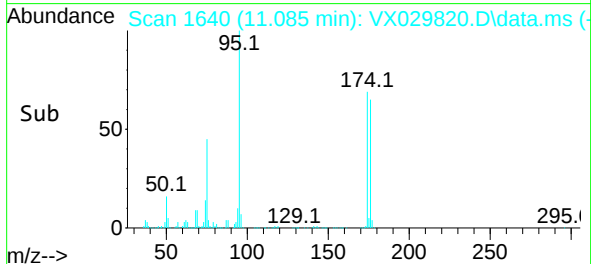
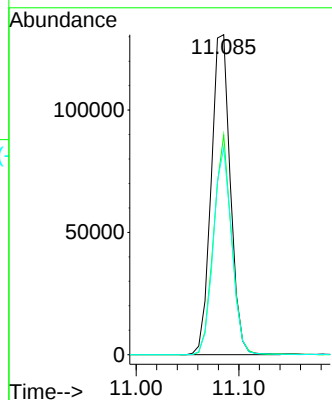
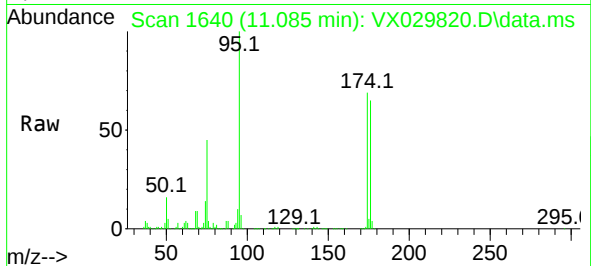




#62
4-Bromofluorobenzene
Concen: 43.546 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX029820.D
Acq: 27 Jun 2022 16:49

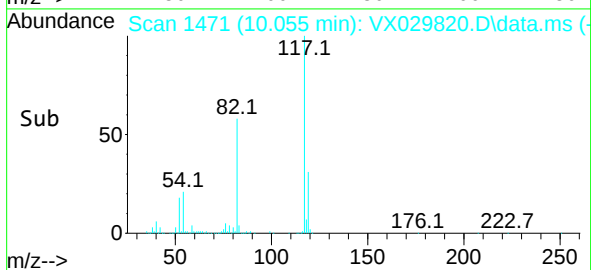
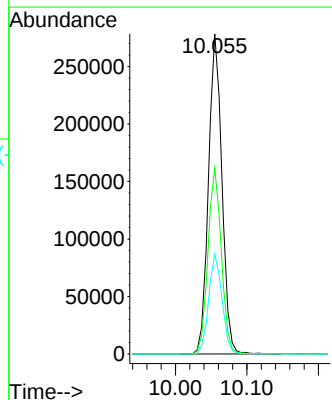
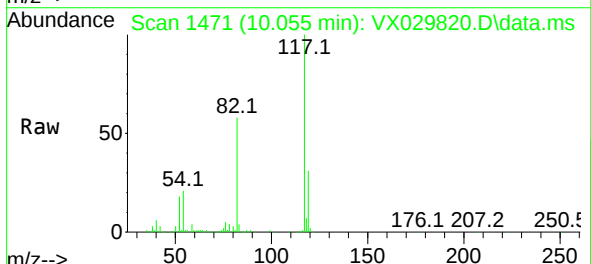
Instrument :
MSVOA_X
ClientSampleId :
VX0627WBL01

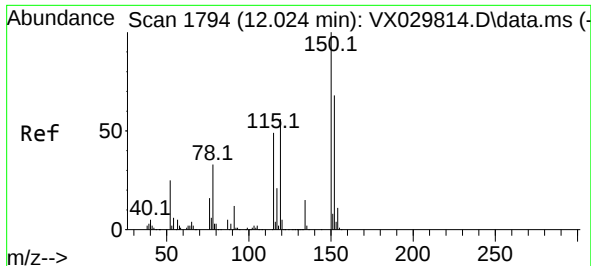
Tgt Ion: 95 Resp: 169123
Ion Ratio Lower Upper
95 100
174 64.0 0.0 163.0
176 62.1 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029820.D
Acq: 27 Jun 2022 16:49

Tgt Ion: 117 Resp: 363787
Ion Ratio Lower Upper
117 100
82 58.1 41.8 62.8
119 31.2 24.8 37.2

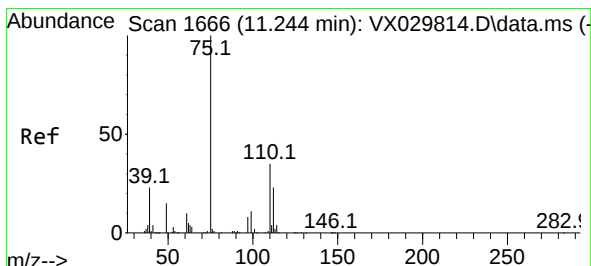
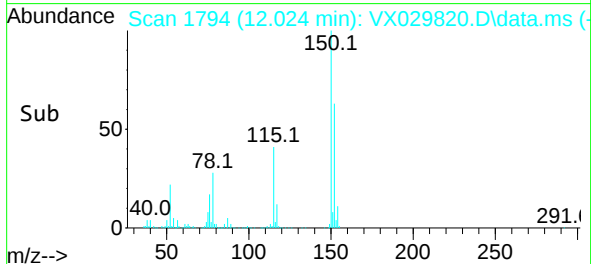
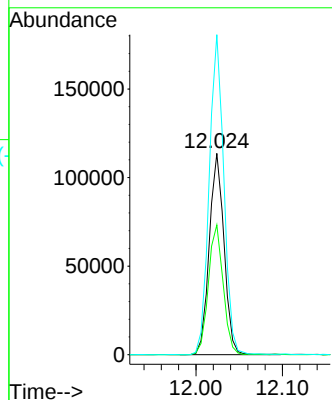
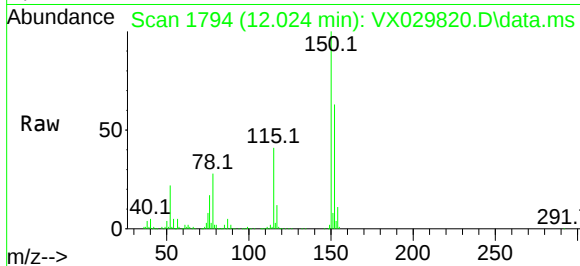




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX029820.D
 Acq: 27 Jun 2022 16:49

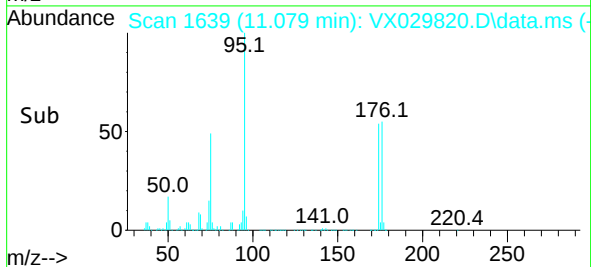
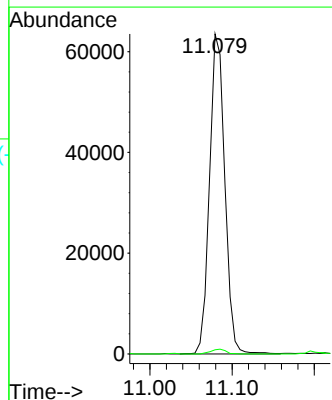
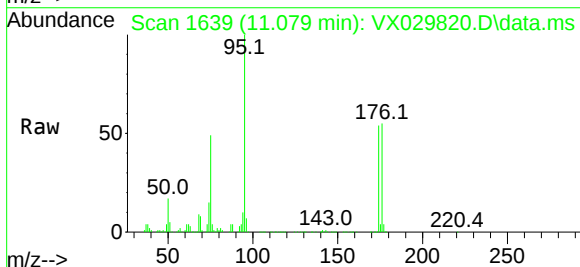
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBL01

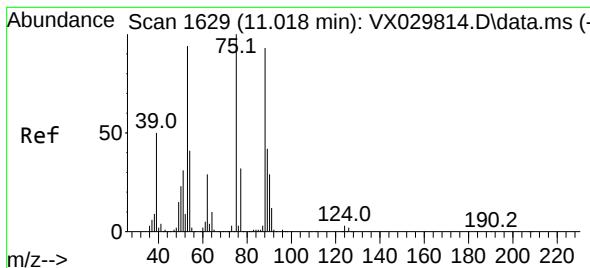
Tgt Ion:152 Resp: 134578
 Ion Ratio Lower Upper
 152 100
 115 64.7 37.5 112.7
 150 157.7 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 21.505 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX029820.D
 Acq: 27 Jun 2022 16:49

Tgt Ion: 75 Resp: 82043
 Ion Ratio Lower Upper
 75 100
 77 1.5 19.4 58.2#

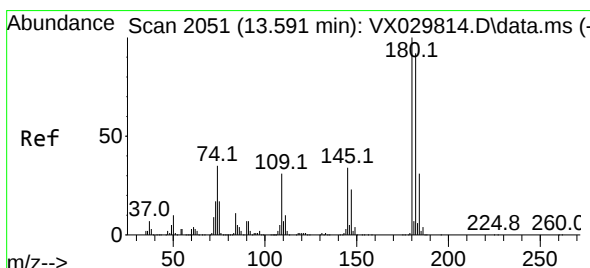
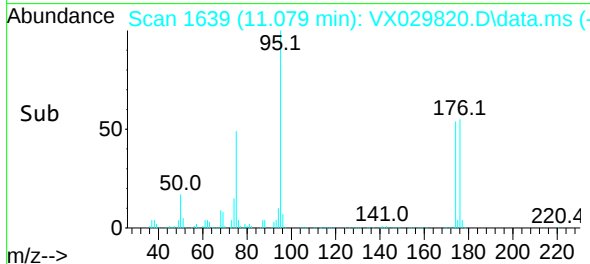
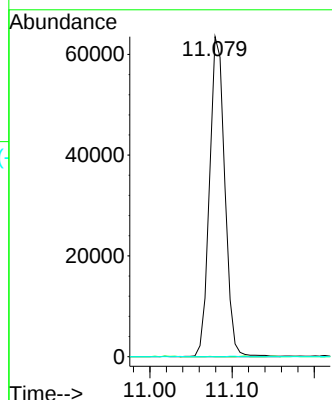
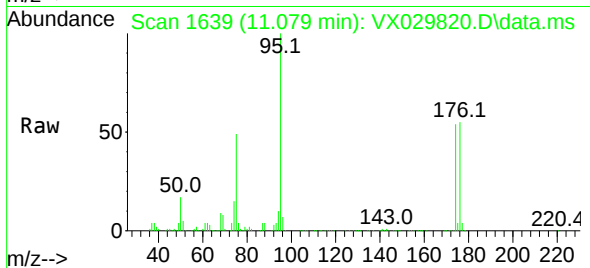




#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.407 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX029820.D
 Acq: 27 Jun 2022 16:49

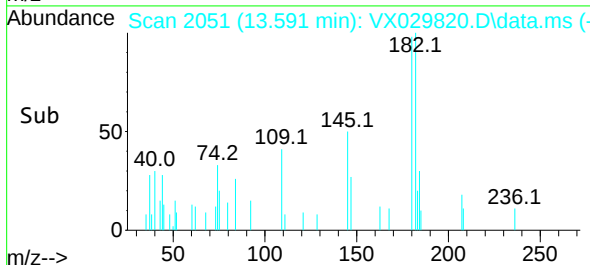
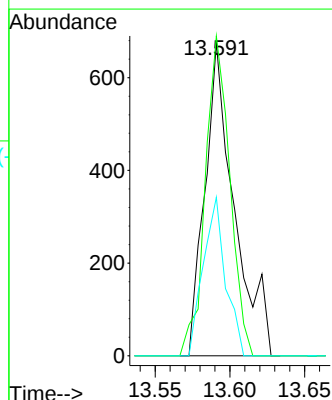
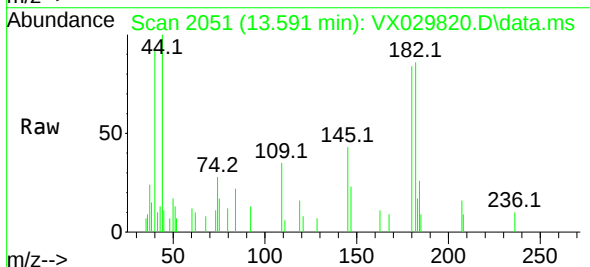
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBL01

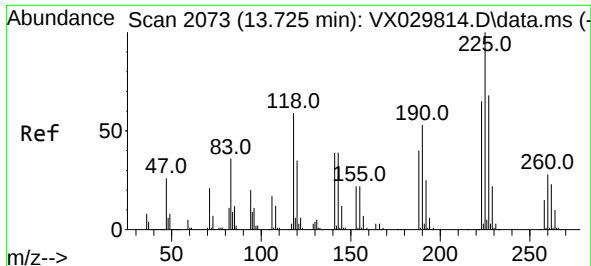
Tgt Ion: 75 Resp: 82043
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.339 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. -0.000 min
 Lab File: VX029820.D
 Acq: 27 Jun 2022 16:49

Tgt Ion: 180 Resp: 919
 Ion Ratio Lower Upper
 180 100
 182 85.7 47.7 143.1
 145 38.5 15.2 45.5

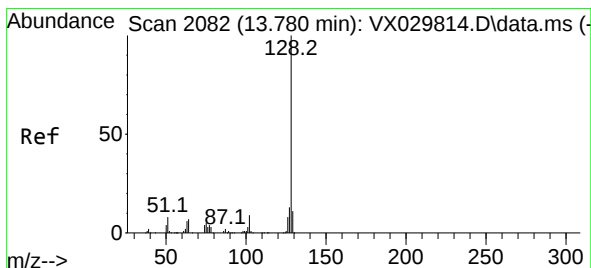
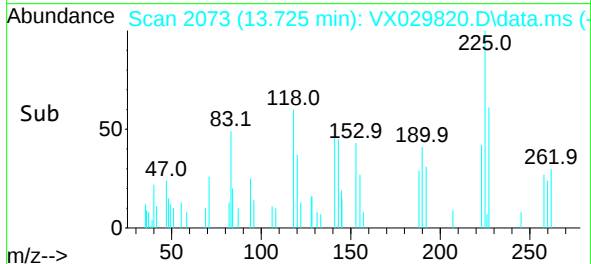
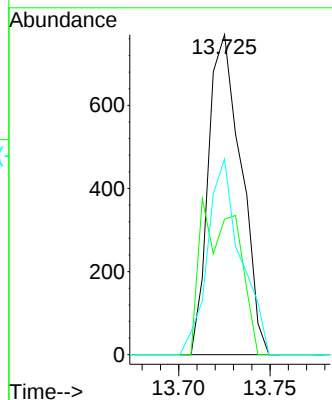
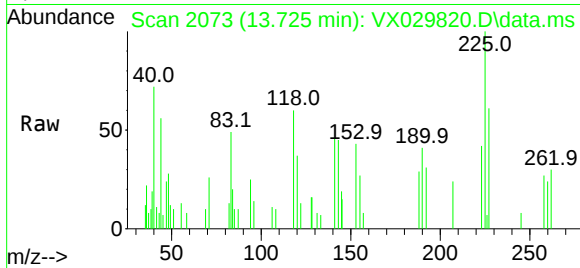




#94
Hexachlorobutadiene
Concen: 0.987 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX029820.D
Acq: 27 Jun 2022 16:49

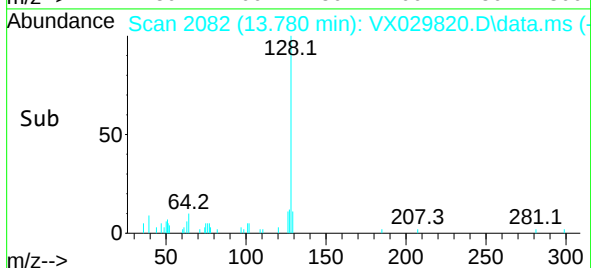
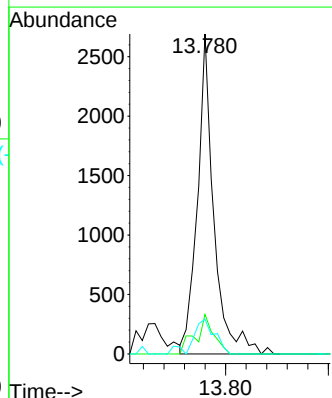
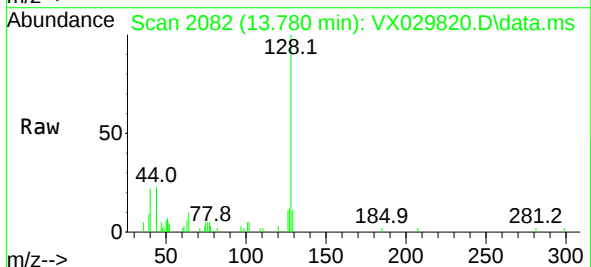
Instrument :
MSVOA_X
ClientSampleId :
VX0627WBL01

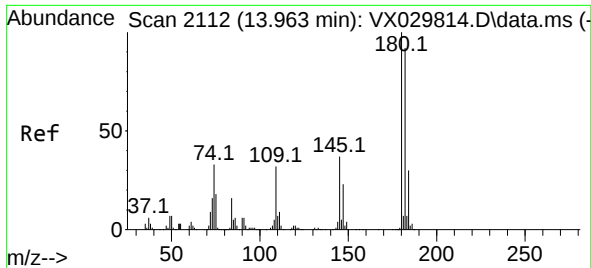
Tgt Ion:	225	Resp:	961
Ion	Ratio	Lower	Upper
225	100		
223	54.7	34.2	102.5
227	61.8	33.9	101.7



#95
Naphthalene
Concen: 0.260 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX029820.D
Acq: 27 Jun 2022 16:49

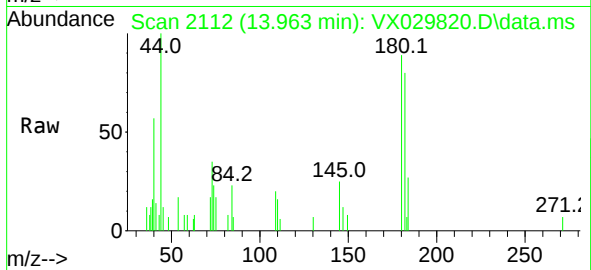
Tgt Ion:	128	Resp:	2985
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.2	15.4
129	14.5	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.366 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX029820.D
 Acq: 27 Jun 2022 16:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBL01



Tgt Ion:	180	Resp:	1003
Ion	Ratio	Lower	Upper
180	100		
182	74.8	50.0	149.8
145	37.4	16.2	48.5

