

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080124\
 Data File : VX042820.D
 Acq On : 02 Aug 2024 03:05
 Operator : JC/MD
 Sample : P3426-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 927-K1-WS-073124

Quant Time: Aug 02 05:42:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 01 16:40:12 2024
 Response via : Initial Calibration

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

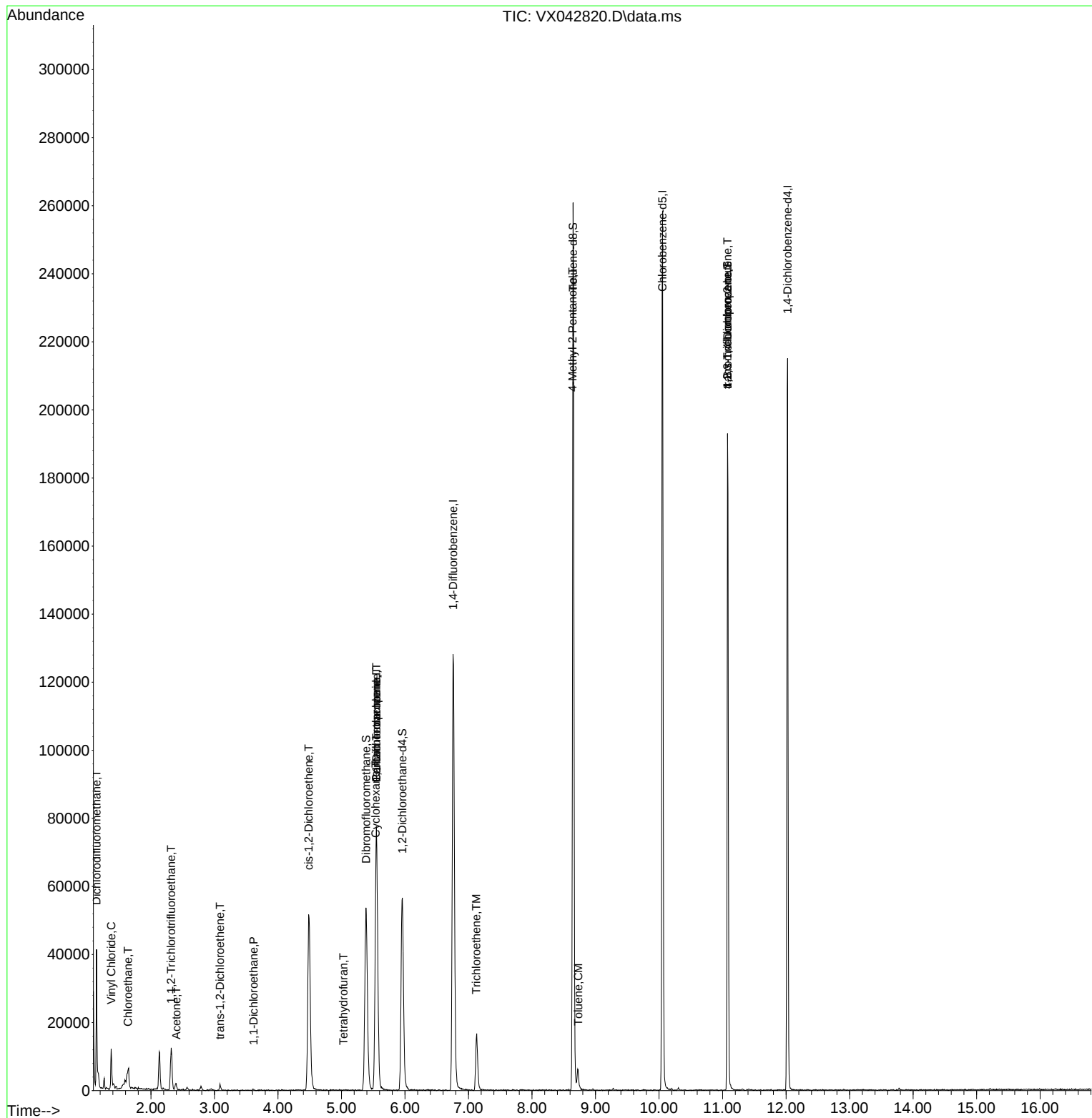
Internal Standards						
1) Pentafluorobenzene	5.550	168	67340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	132507	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117590	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44072	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	59095	54.623	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.240%	
35) Dibromofluoromethane	5.385	113	47033	51.381	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.760%	
50) Toluene-d8	8.647	98	154171	46.401	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 92.800%	
62) 4-Bromofluorobenzene	11.079	95	52778	43.467	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 86.940%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.142	85	3360	3.149	ug/l	86
3) Chloromethane	1.294	50	394	Below Cal	#	43
4) Vinyl Chloride	1.374	62	8376	10.028	ug/l	99
6) Chloroethane	1.636	64	105	0.348	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.318	101	4806	5.684	ug/l	95
11) Tert butyl alcohol	2.940	59	216	Below Cal	#	78
16) Acetone	2.398	43	2317	5.898	ug/l #	86
20) Methylene Chloride	2.788	84	566	Below Cal	#	60
21) trans-1,2-Dichloroethene	3.087	96	701	0.829	ug/l #	67
24) 1,1-Dichloroethane	3.617	63	485	0.331	ug/l #	83
27) cis-1,2-Dichloroethene	4.483	96	33303	33.688	ug/l	82
29) Tetrahydrofuran	5.031	42	87	0.242	ug/l #	34
31) Cyclohexane	5.537	56	1683	1.412	ug/l #	11
36) 1,1-Dichloropropene	5.550	75	5658	4.766	ug/l #	50
38) Carbon Tetrachloride	5.550	117	7537	5.509	ug/l #	13
44) Trichloroethene	7.123	130	6542	6.709	ug/l	89
51) 4-Methyl-2-Pentanone	8.641	43	635	0.506	ug/l #	1
52) Toluene	8.726	92	2342	0.969	ug/l	80
76) 1,2,3-Trichloropropane	11.079	75	27527	27.334	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	27527	80.903	ug/l #	5

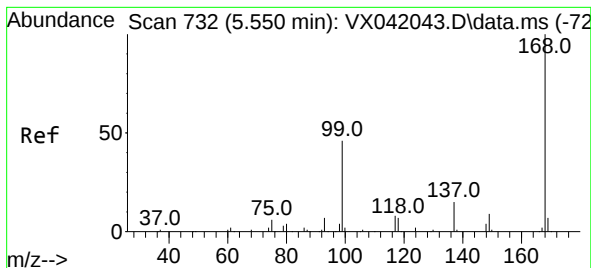
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Aug 01 16:40:12 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX042820.D

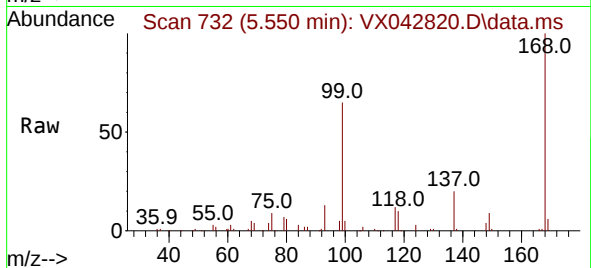
Acq: 02 Aug 2024 03:05

Instrument :

MSVOA_X

ClientSampleId :

927-K1-WS-073124

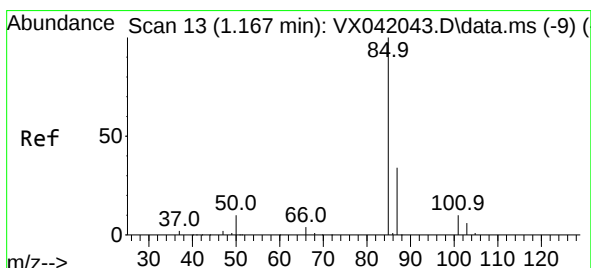
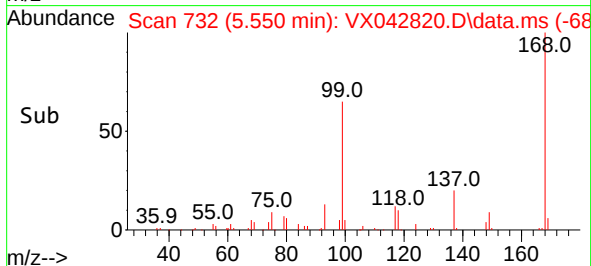
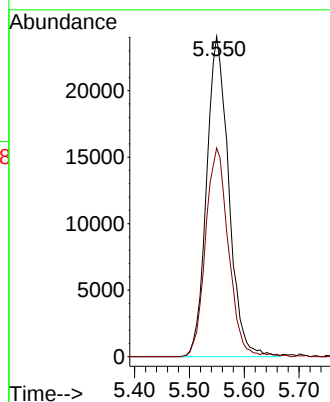


Tgt Ion:168 Resp: 67340

Ion Ratio Lower Upper

168 100

99 65.2 56.6 85.0



#2

Dichlorodifluoromethane

Concen: 3.149 ug/l

RT: 1.142 min Scan# 9

Delta R.T. -0.024 min

Lab File: VX042820.D

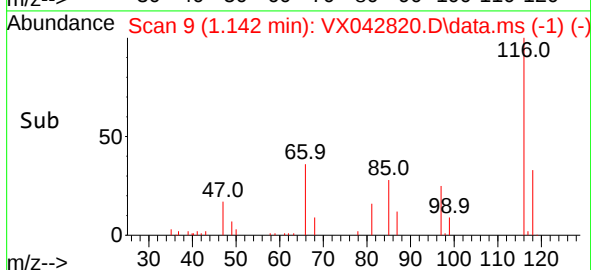
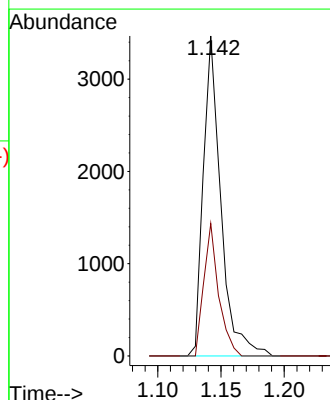
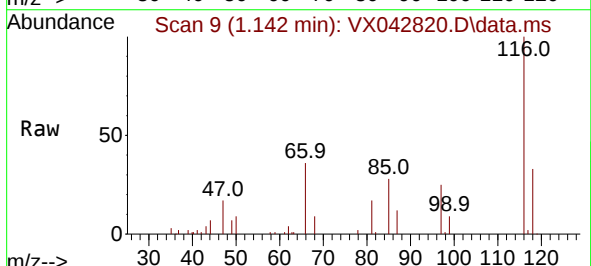
Acq: 02 Aug 2024 03:05

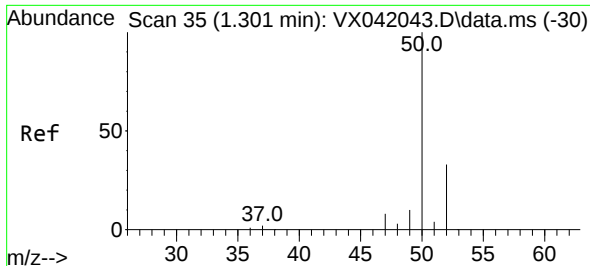
Tgt Ion: 85 Resp: 3360

Ion Ratio Lower Upper

85 100

87 41.4 16.7 50.1

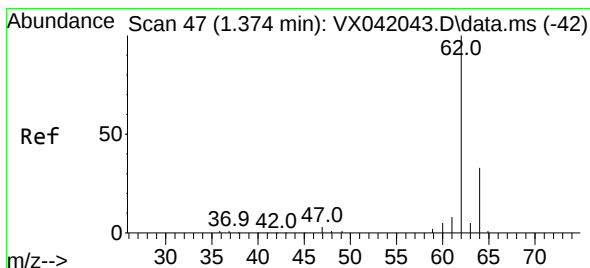
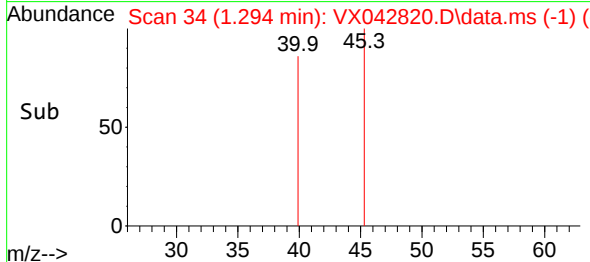
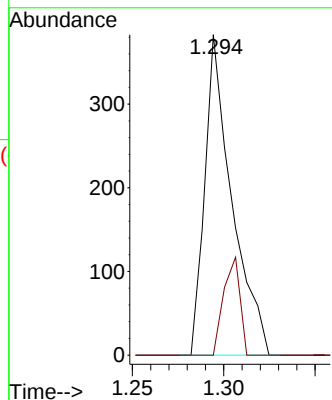
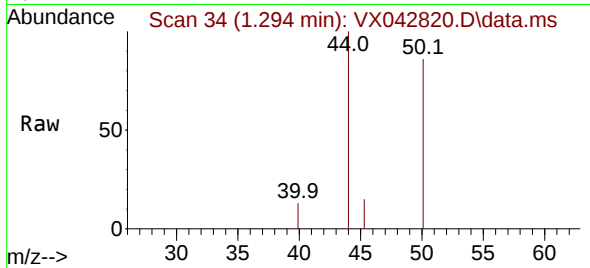




#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.013 min
Lab File: VX042820.D
Acq: 02 Aug 2024 03:05

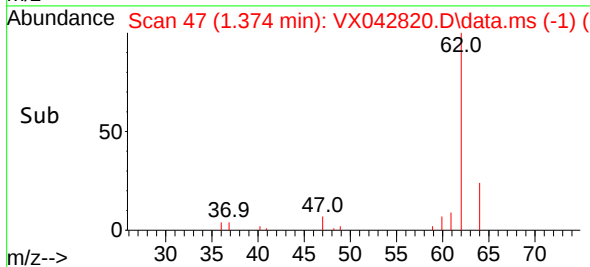
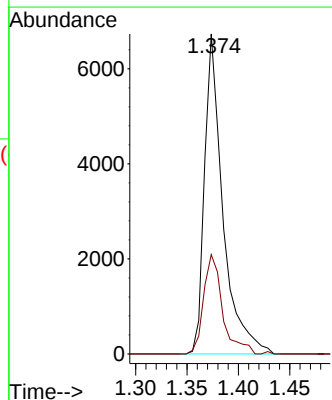
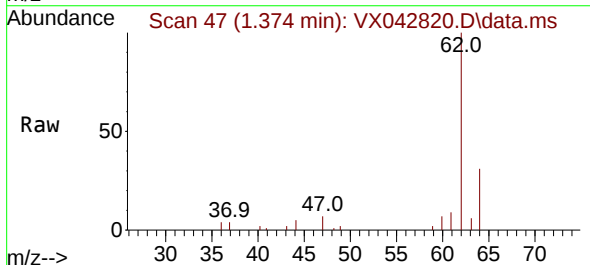
Instrument :
MSVOA_X
ClientSampleId :
927-K1-WS-073124

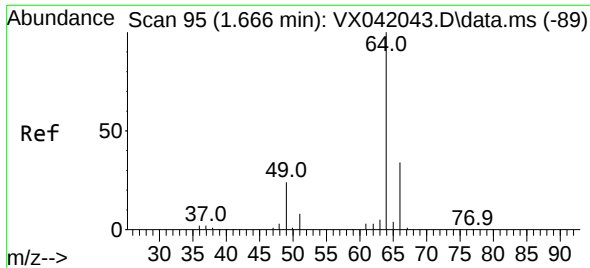
Tgt Ion: 50 Resp: 394
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#



#4
Vinyl Chloride
Concen: 10.028 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX042820.D
Acq: 02 Aug 2024 03:05

Tgt Ion: 62 Resp: 8376
Ion Ratio Lower Upper
62 100
64 31.1 25.4 38.0

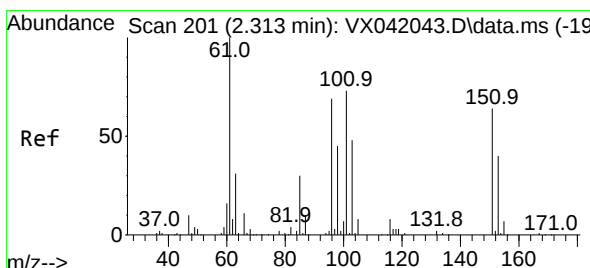
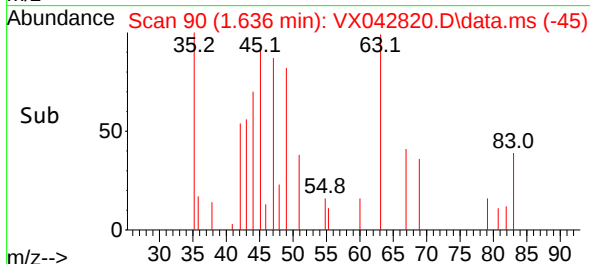
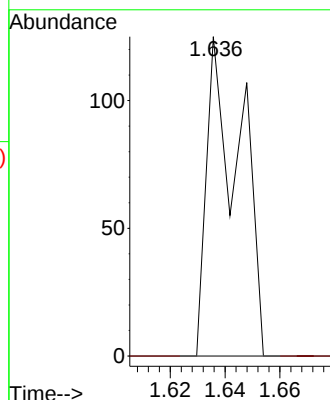
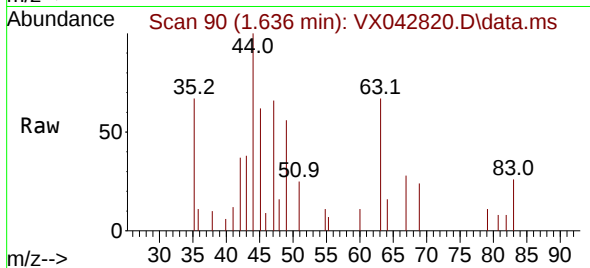




#6
Chloroethane
Concen: 0.348 ug/l
RT: 1.636 min Scan# 90
Delta R.T. -0.024 min
Lab File: VX042820.D
Acq: 02 Aug 2024 03:05

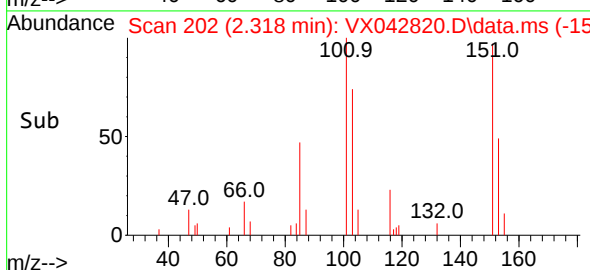
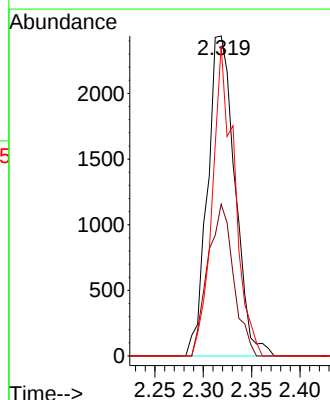
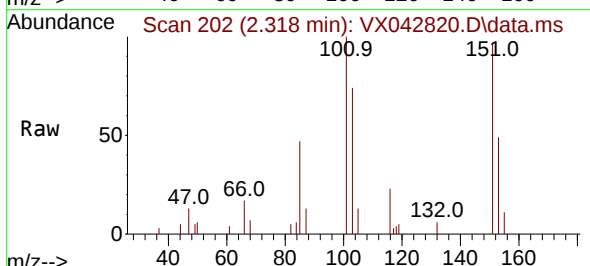
Instrument :
MSVOA_X
ClientSampleId :
927-K1-WS-073124

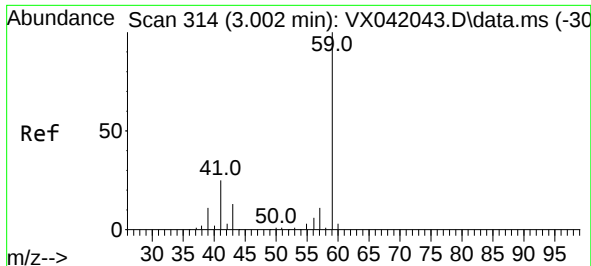
Tgt Ion: 64 Resp: 105
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.684 ug/l
RT: 2.318 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX042820.D
Acq: 02 Aug 2024 03:05

Tgt Ion: 101 Resp: 4806
Ion Ratio Lower Upper
101 100
85 44.5 37.0 55.6
151 78.7 58.6 87.8





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.940 min Scan# 304

Delta R.T. -0.067 min

Lab File: VX042820.D

Acq: 02 Aug 2024 03:05

Instrument :

MSVOA_X

ClientSampleId :

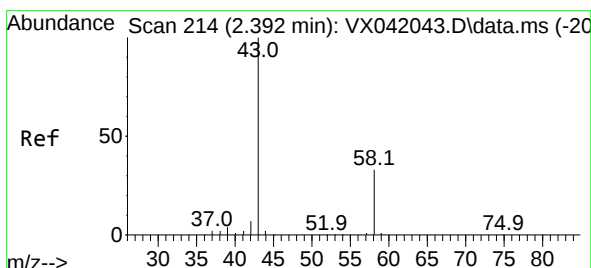
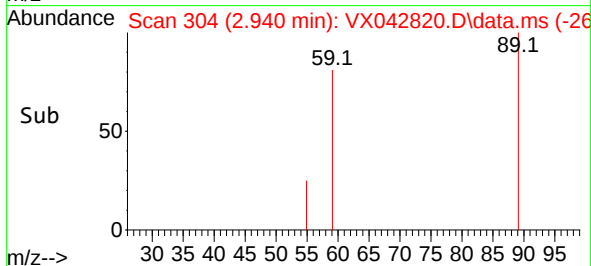
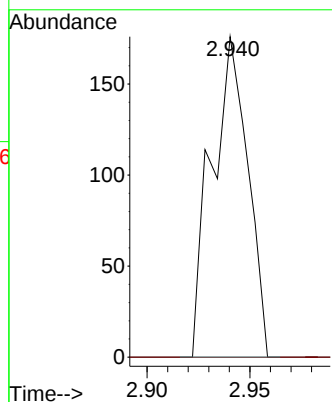
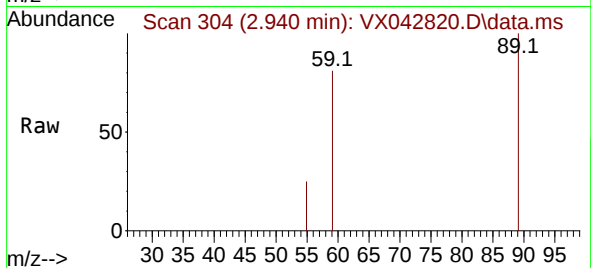
927-K1-WS-073124

Tgt Ion: 59 Resp: 216

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 5.898 ug/l

RT: 2.398 min Scan# 215

Delta R.T. -0.000 min

Lab File: VX042820.D

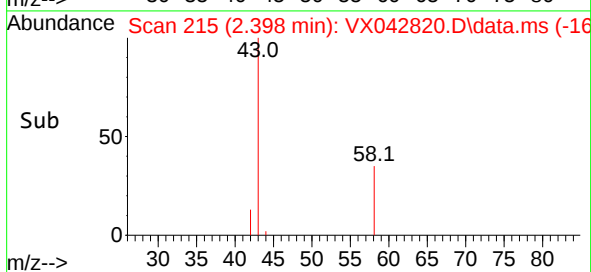
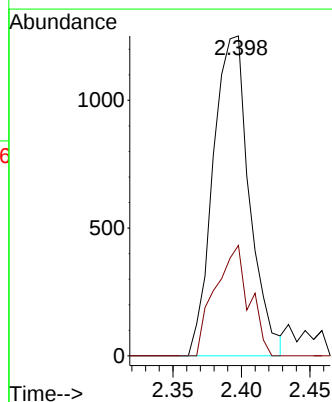
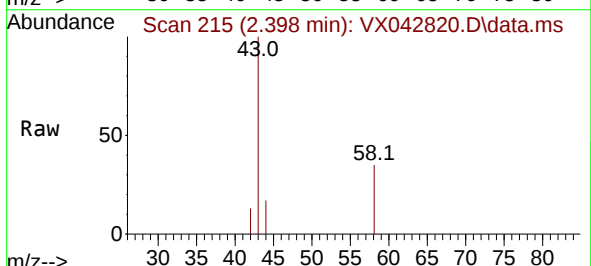
Acq: 02 Aug 2024 03:05

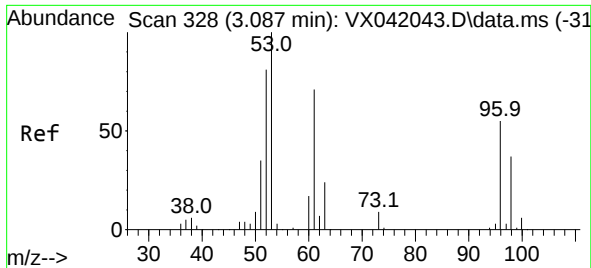
Tgt Ion: 43 Resp: 2317

Ion Ratio Lower Upper

43 100

58 34.5 21.9 32.9#

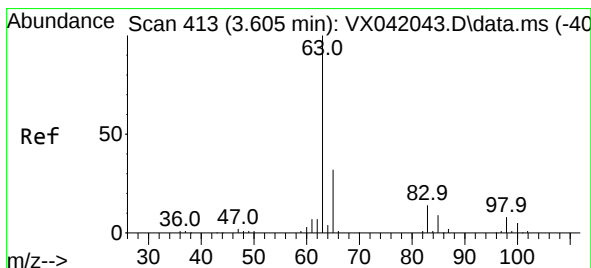
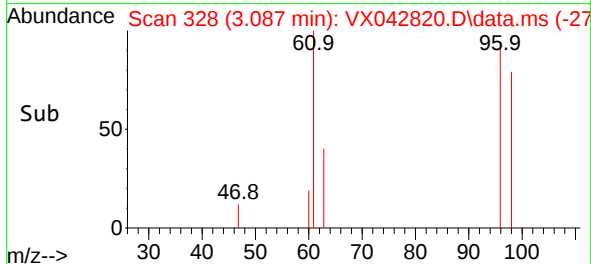
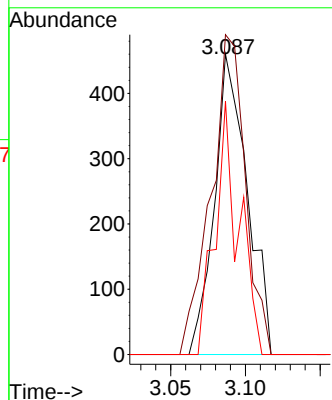
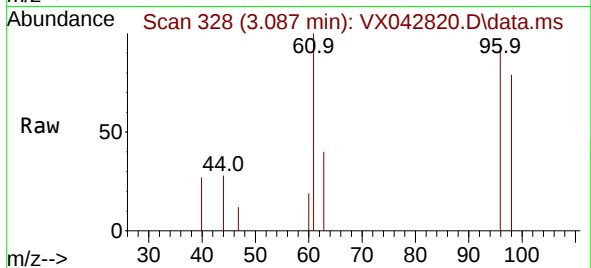




#21
trans-1,2-Dichloroethene
Concen: 0.829 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX042820.D
Acq: 02 Aug 2024 03:05

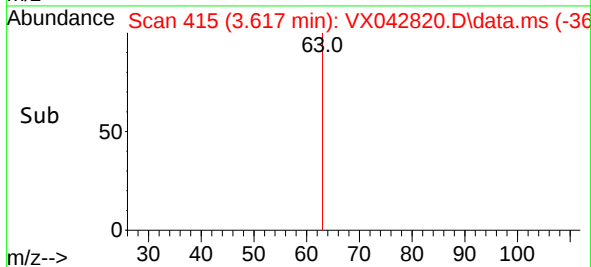
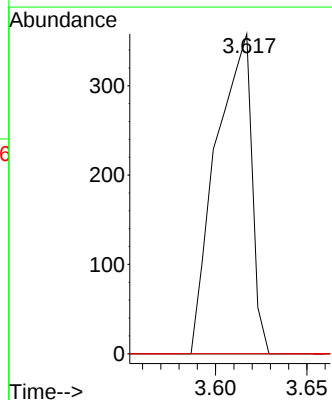
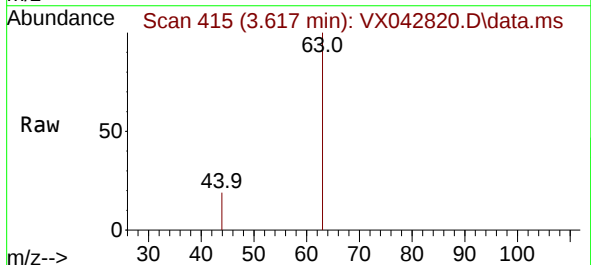
Instrument :
MSVOA_X
ClientSampleId :
927-K1-WS-073124

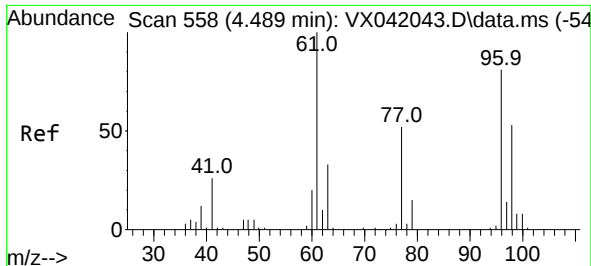
Tgt Ion: 96 Resp: 701
Ion Ratio Lower Upper
96 100
61 106.5 119.2 178.8#
98 84.3 48.7 73.1#



#24
1,1-Dichloroethane
Concen: 0.331 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.012 min
Lab File: VX042820.D
Acq: 02 Aug 2024 03:05

Tgt Ion: 63 Resp: 485
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.8#
100 0.0 2.1 6.5#





#27

cis-1,2-Dichloroethene

Concen: 33.688 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX042820.D

Acq: 02 Aug 2024 03:05

Instrument :

MSVOA_X

ClientSampleId :

927-K1-WS-073124

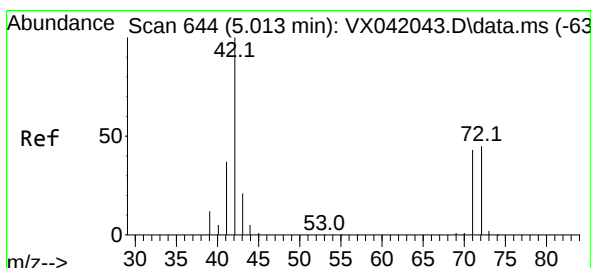
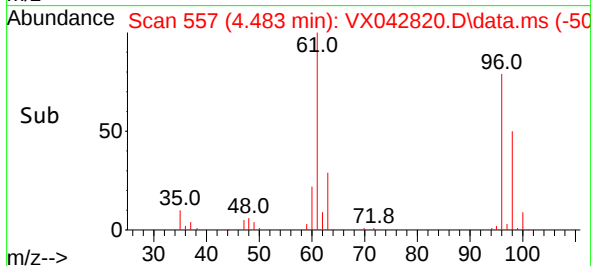
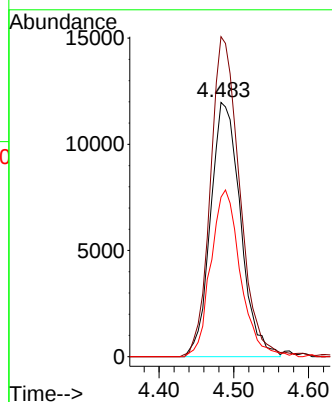
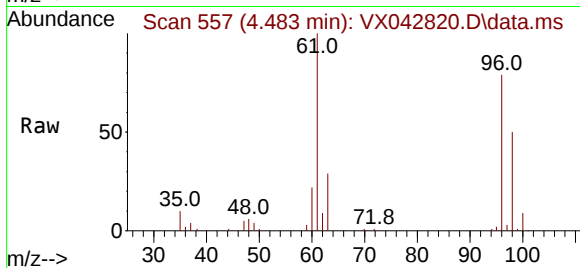
Tgt Ion: 96 Resp: 33303

Ion Ratio Lower Upper

96 100

61 123.6 0.0 312.2

98 64.9 0.0 129.0



#29

Tetrahydrofuran

Concen: 0.242 ug/l

RT: 5.031 min Scan# 647

Delta R.T. 0.012 min

Lab File: VX042820.D

Acq: 02 Aug 2024 03:05

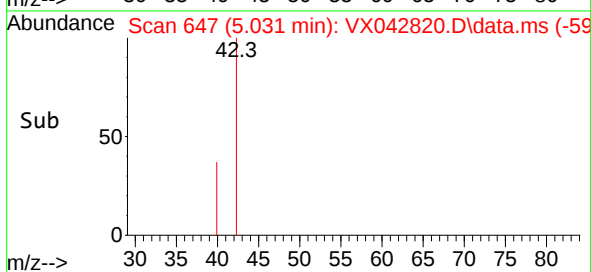
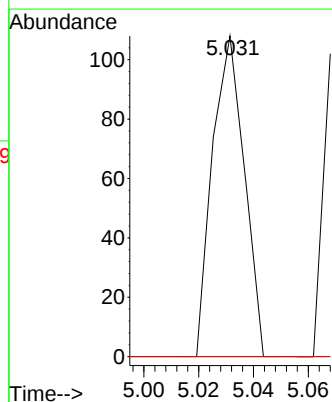
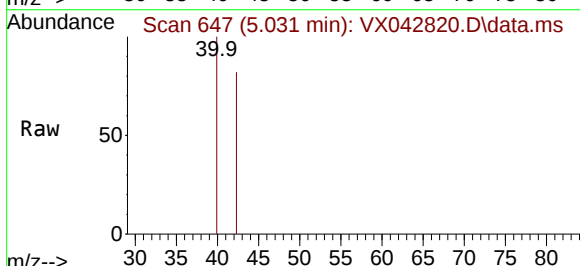
Tgt Ion: 42 Resp: 87

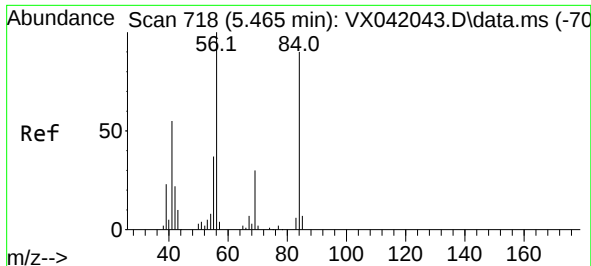
Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

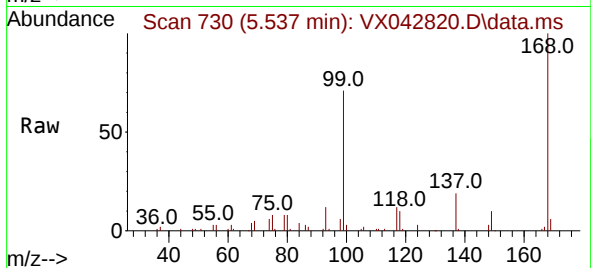
71 0.0 32.2 48.2#





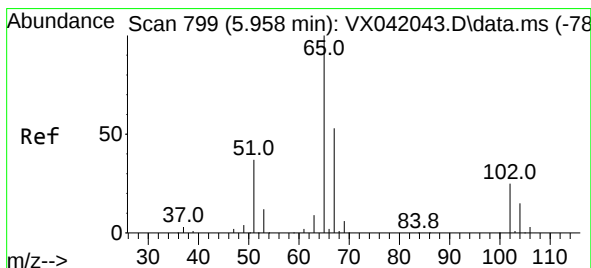
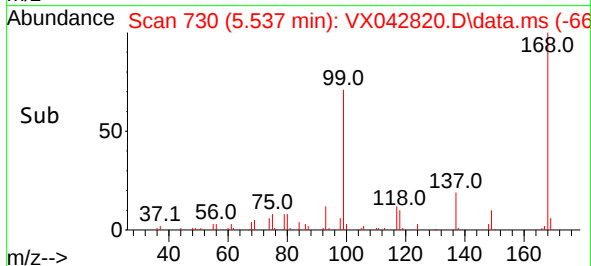
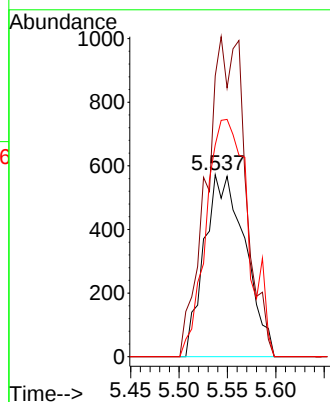
#31
Cyclohexane
Concen: 1.412 ug/l
RT: 5.537 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX042820.D
Acq: 02 Aug 2024 03:05

Instrument :
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Tgt Ion: 56 Resp: 1683

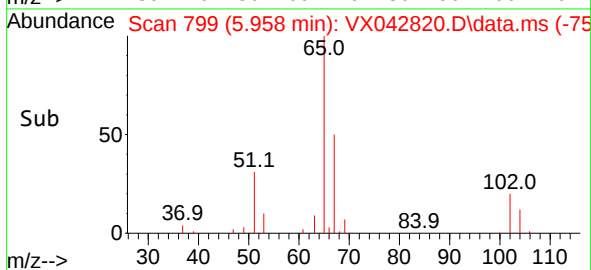
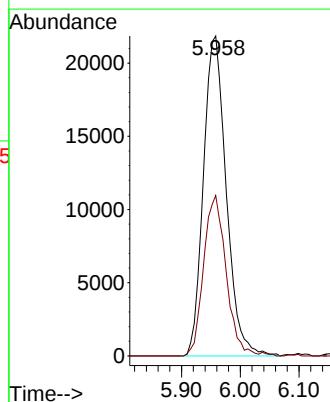
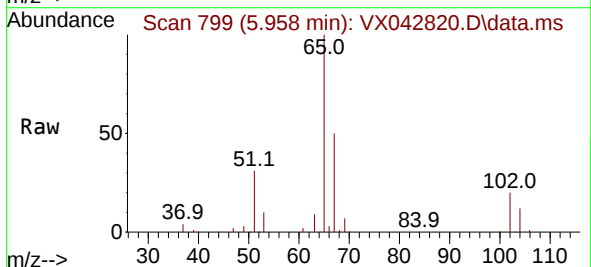
Ion	Ratio	Lower	Upper
56	100		
69	154.4	23.4	35.2#
84	116.4	65.9	98.9#

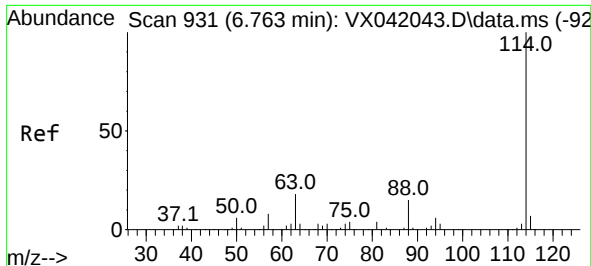


#33
1,2-Dichloroethane-d4
Concen: 54.623 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX042820.D
Acq: 02 Aug 2024 03:05

Tgt Ion: 65 Resp: 59095

Ion	Ratio	Lower	Upper
65	100		
67	49.2	0.0	100.2

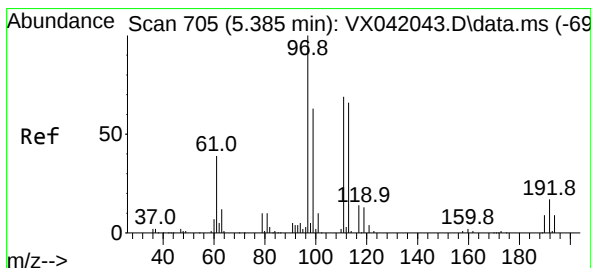
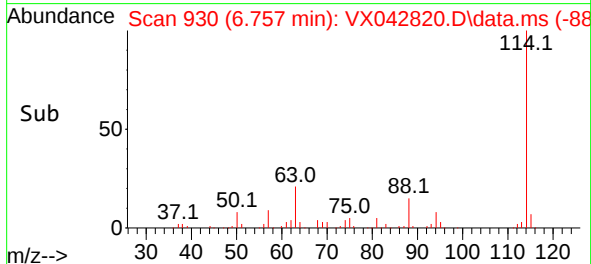
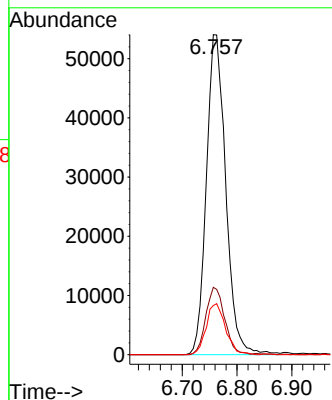
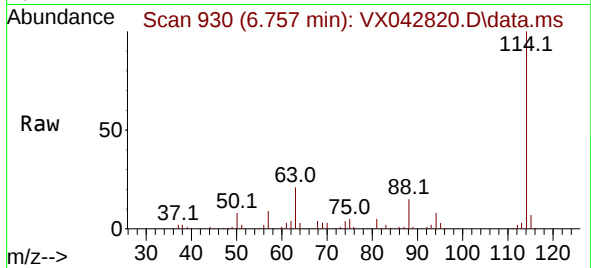




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX042820.D
Acq: 02 Aug 2024 03:05

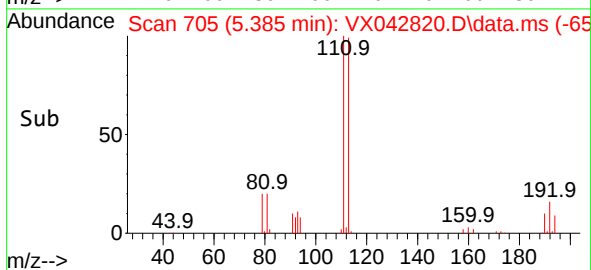
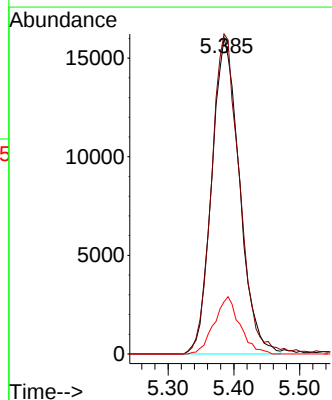
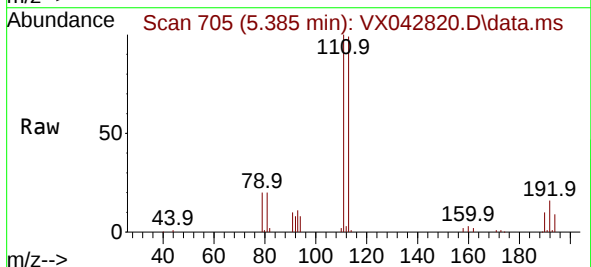
Instrument :
MSVOA_X
ClientSampleId :
927-K1-WS-073124

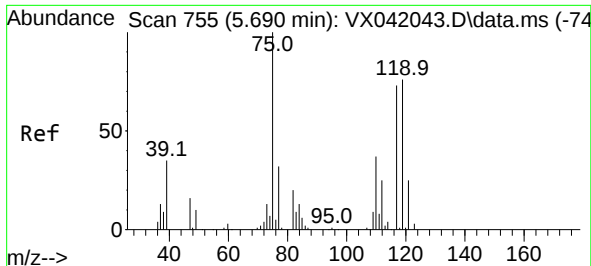
Tgt Ion:114 Resp: 132507
Ion Ratio Lower Upper
114 100
63 21.0 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 51.381 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042820.D
Acq: 02 Aug 2024 03:05

Tgt Ion:113 Resp: 47033
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 16.7 13.3 19.9

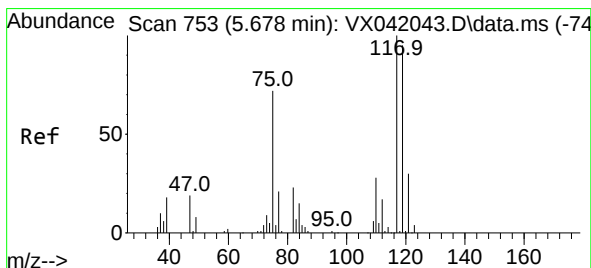
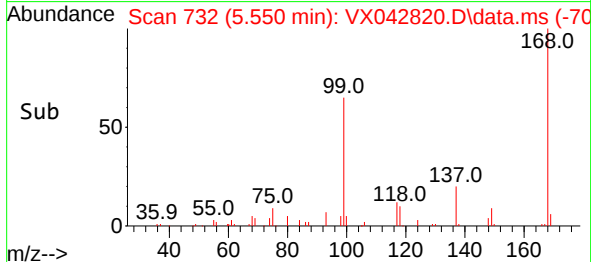
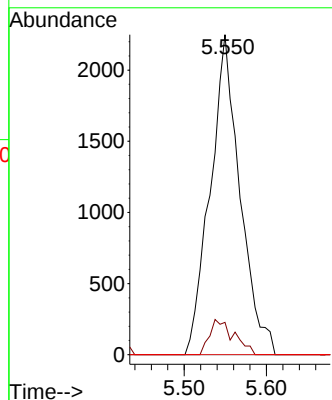
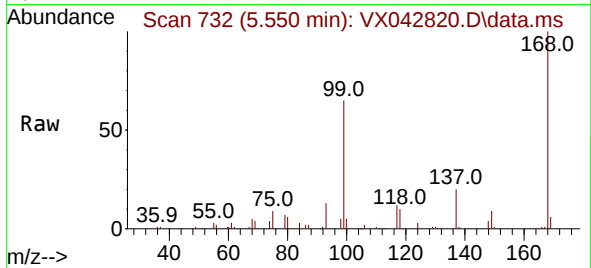




#36
1,1-Dichloropropene
Concen: 4.766 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX042820.D
Acq: 02 Aug 2024 03:05

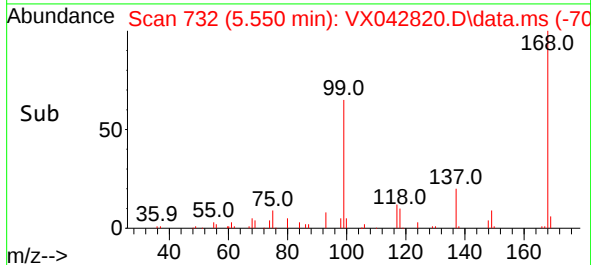
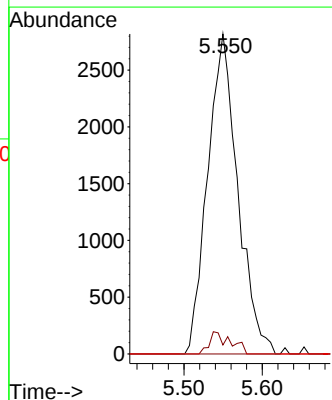
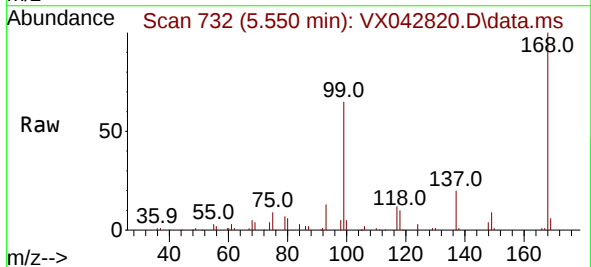
Instrument :
MSVOA_X
ClientSampleId :
927-K1-WS-073124

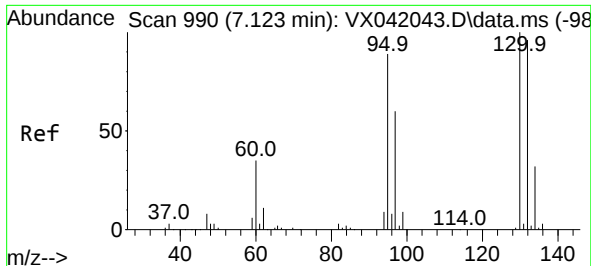
Tgt Ion: 75 Resp: 5658
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.509 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX042820.D
Acq: 02 Aug 2024 03:05

Tgt Ion: 117 Resp: 7537
Ion Ratio Lower Upper
117 100
119 2.8 78.2 117.2#
121 0.0 24.4 36.6#

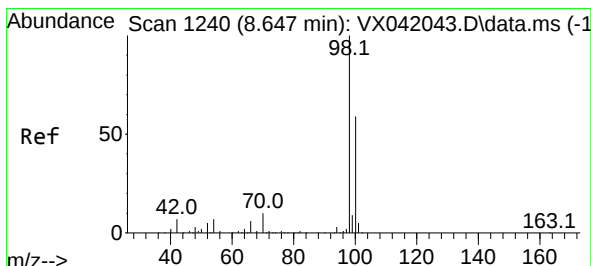
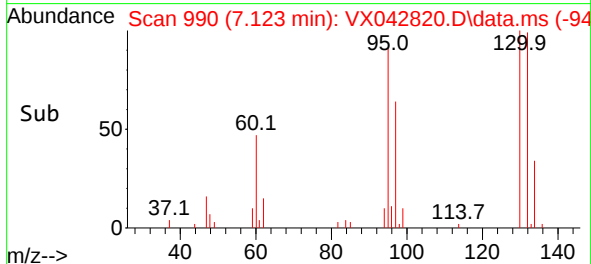
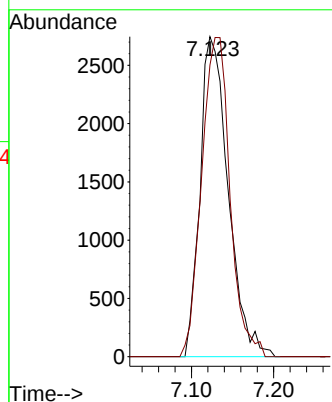
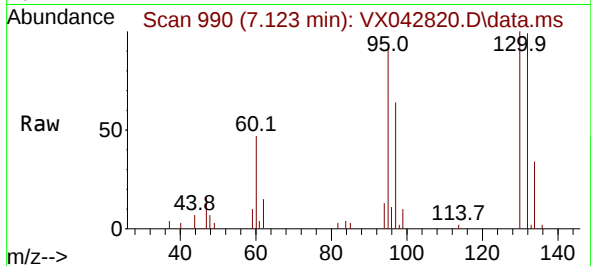




#44
Trichloroethene
Concen: 6.709 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX042820.D
Acq: 02 Aug 2024 03:05

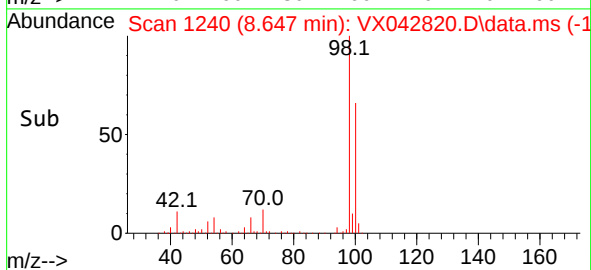
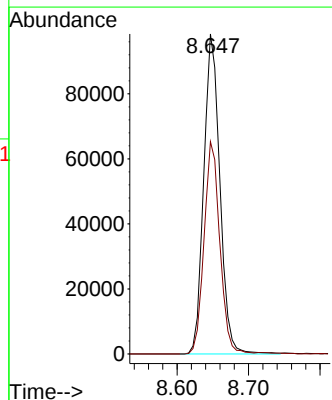
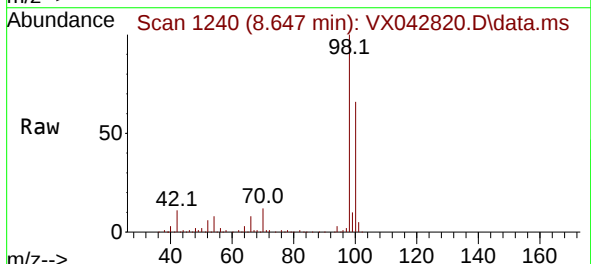
Instrument :
MSVOA_X
ClientSampleId :
927-K1-WS-073124

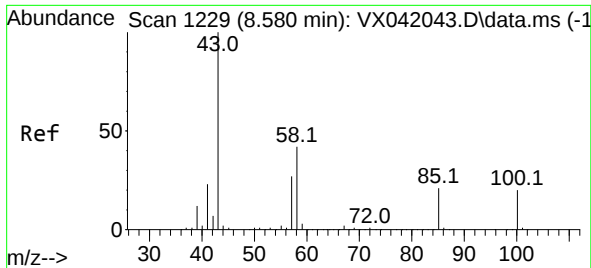
Tgt Ion:130 Resp: 6542
Ion Ratio Lower Upper
130 100
95 91.2 0.0 204.4



#50
Toluene-d8
Concen: 46.401 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042820.D
Acq: 02 Aug 2024 03:05

Tgt Ion: 98 Resp: 154171
Ion Ratio Lower Upper
98 100
100 64.7 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.506 ug/l

RT: 8.641 min Scan# 11

Delta R.T. 0.061 min

Lab File: VX042820.D

Acq: 02 Aug 2024 03:05

Instrument :

MSVOA_X

ClientSampleId :

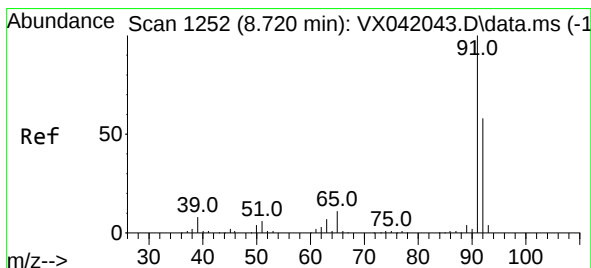
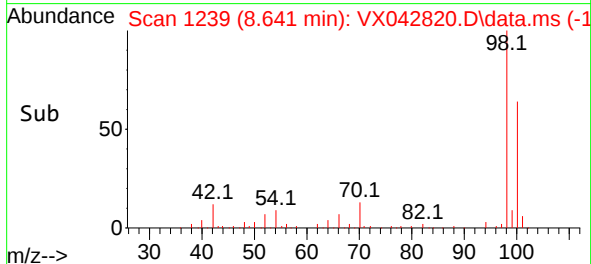
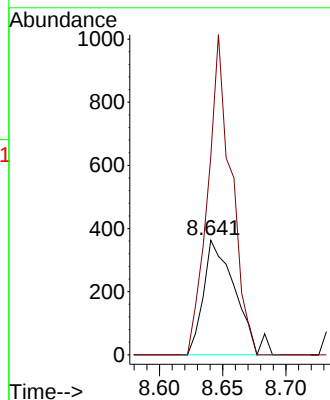
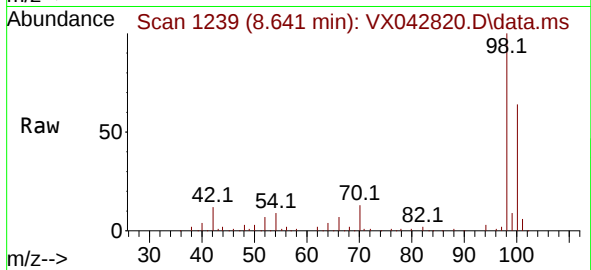
927-K1-WS-073124

Tgt Ion: 43 Resp: 635

Ion Ratio Lower Upper

43 100

58 207.4 30.4 45.6#



#52

Toluene

Concen: 0.969 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX042820.D

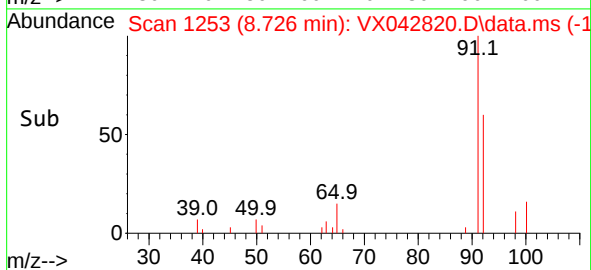
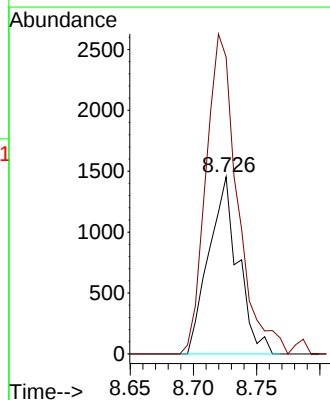
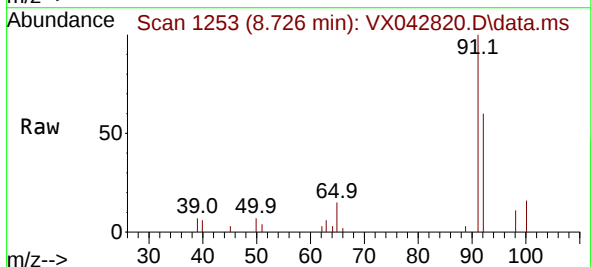
Acq: 02 Aug 2024 03:05

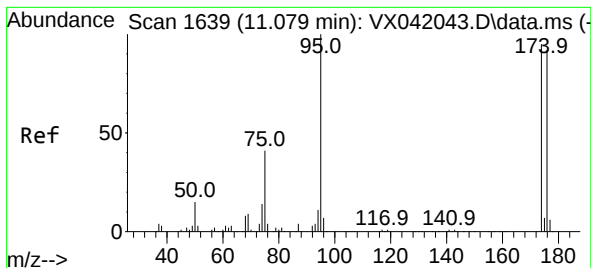
Tgt Ion: 92 Resp: 2342

Ion Ratio Lower Upper

92 100

91 194.4 134.2 201.2

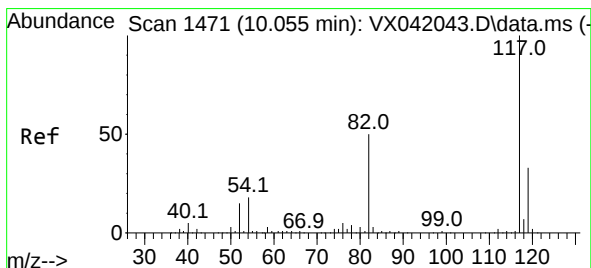
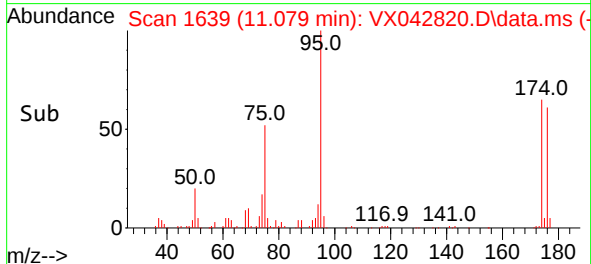
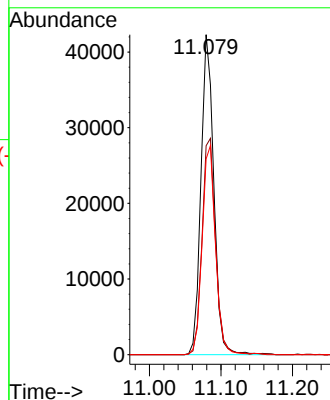
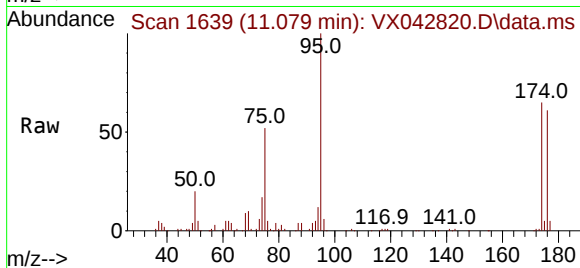




#62
4-Bromofluorobenzene
Concen: 43.467 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042820.D
Acq: 02 Aug 2024 03:05

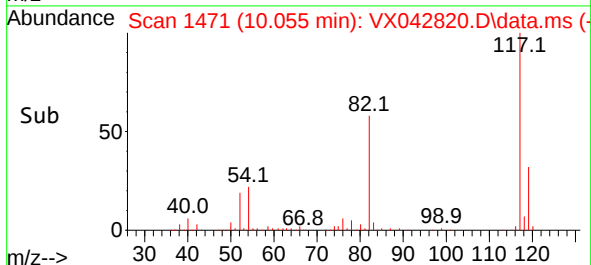
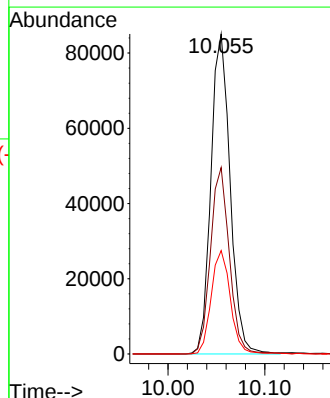
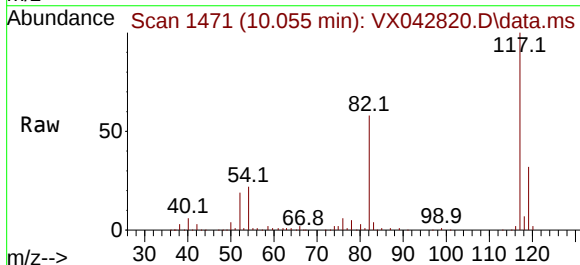
Instrument :
MSVOA_X
ClientSampleId :
927-K1-WS-073124

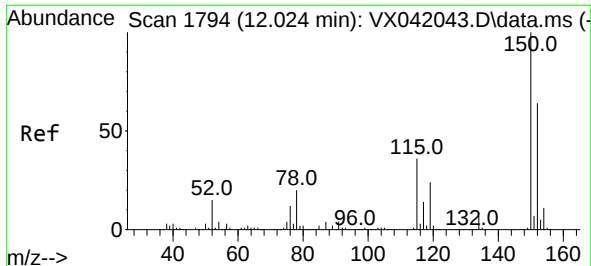
Tgt Ion: 95 Resp: 52778
Ion Ratio Lower Upper
95 100
174 71.6 0.0 135.6
176 67.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042820.D
Acq: 02 Aug 2024 03:05

Tgt Ion: 117 Resp: 117590
Ion Ratio Lower Upper
117 100
82 58.2 46.2 69.4
119 32.3 25.5 38.3

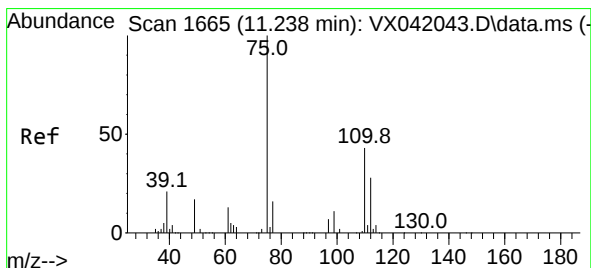
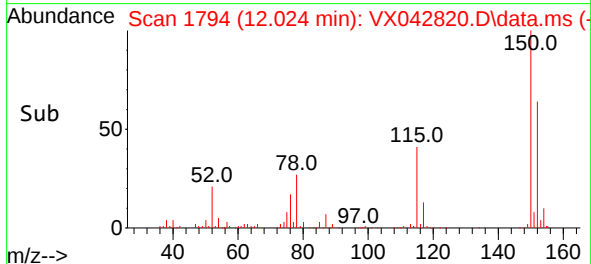
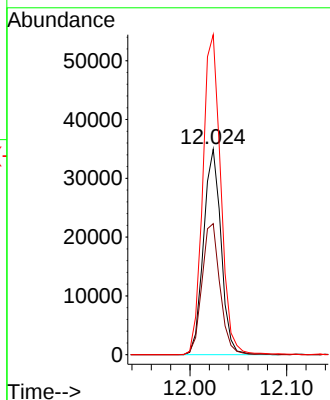
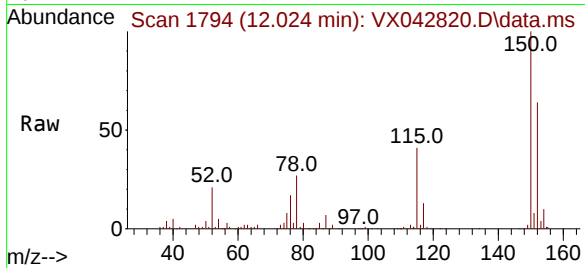




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042820.D
Acq: 02 Aug 2024 03:05

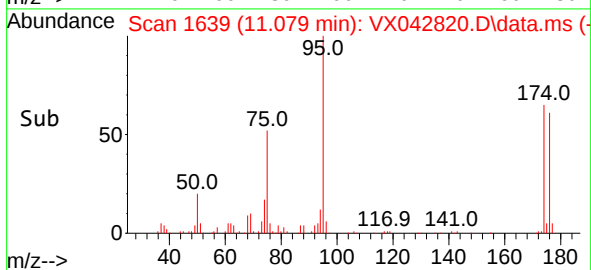
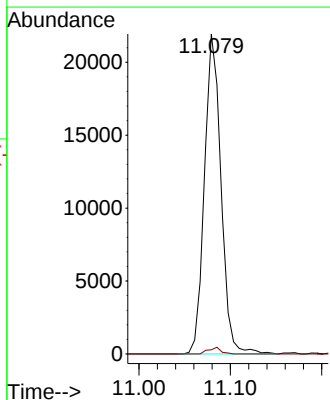
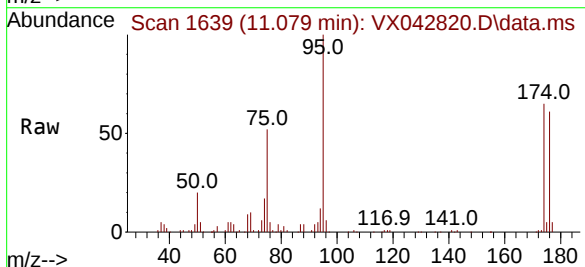
Instrument :
MSVOA_X
ClientSampleId :
927-K1-WS-073124

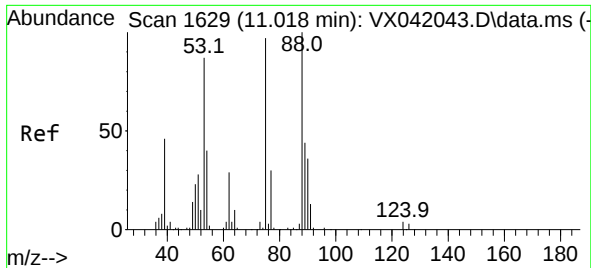
Tgt Ion:152 Resp: 44072
Ion Ratio Lower Upper
152 100
115 65.9 43.3 129.9
150 160.2 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 27.334 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX042820.D
Acq: 02 Aug 2024 03:05

Tgt Ion: 75 Resp: 27527
Ion Ratio Lower Upper
75 100
77 1.6 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 80.903 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX042820.D
Acq: 02 Aug 2024 03:05

Instrument :
MSVOA_X
ClientSampleId :
927-K1-WS-073124

Tgt Ion: 75 Resp: 27527
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

