

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
 Data File : VX029260.D
 Acq On : 07 Jun 2022 00:53
 Operator : JC/MD
 Sample : N3166-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RB07-20220601

Quant Time: Jun 07 06:09:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

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

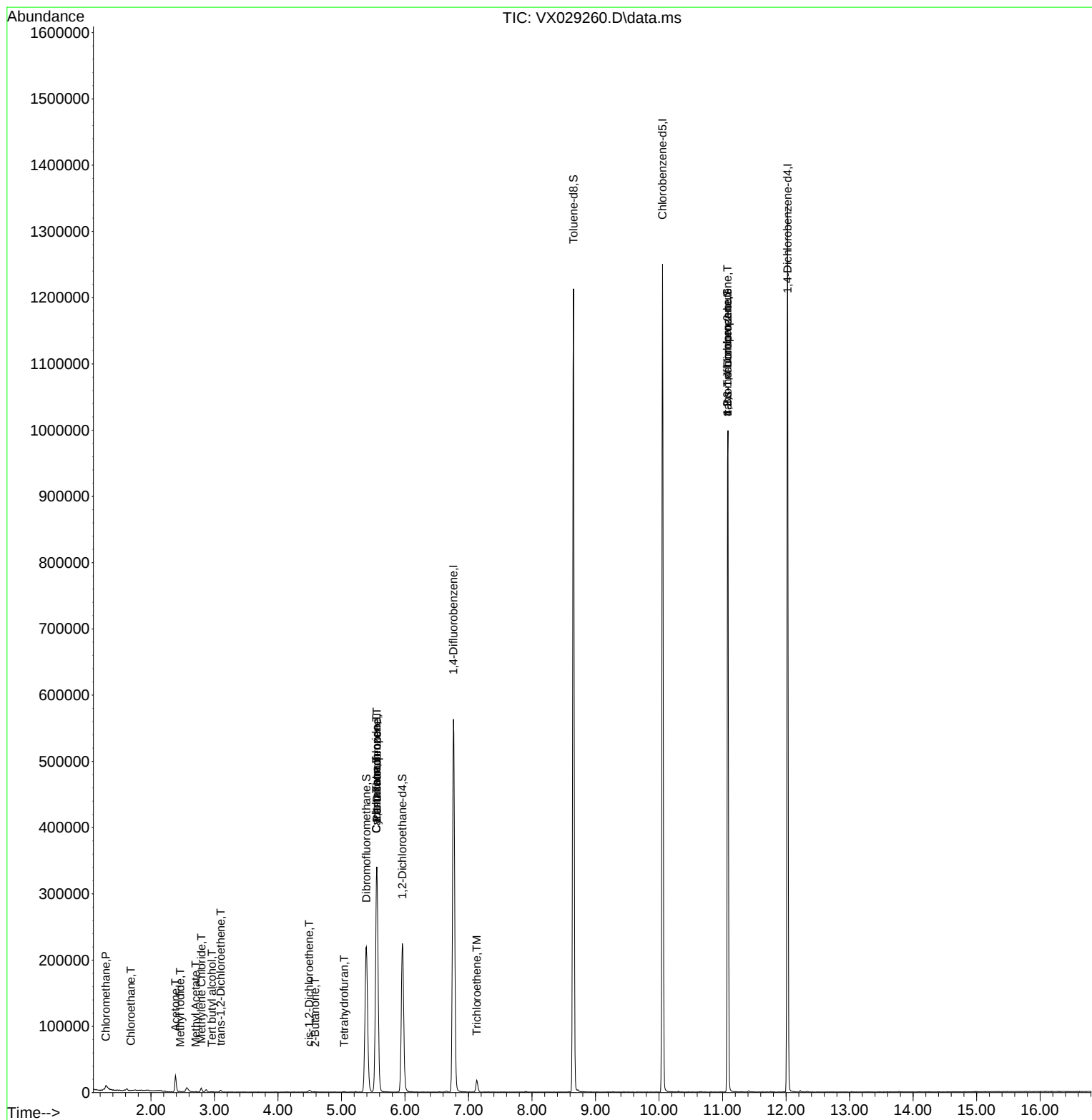
Internal Standards						
1) Pentafluorobenzene	5.556	168	312041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	592024	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	583687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	267413	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	217966	61.945	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	123.880%
35) Dibromofluoromethane	5.391	113	196313	49.922	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.840%
50) Toluene-d8	8.653	98	708544	49.265	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.540%
62) 4-Bromofluorobenzene	11.079	95	284557	51.184	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.360%
Target Compounds						
						Qvalue
3) Chloromethane	1.288	50	819	0.288	ug/l	90
5) Bromomethane	1.617	94	817	Below Cal		97
6) Chloroethane	1.684	64	294	1.509	ug/l #	43
10) Methyl Iodide	2.459	142	1047	4.499	ug/l #	93
11) Tert butyl alcohol	2.959	59	621	0.762	ug/l #	72
16) Acetone	2.386	43	25763	18.594	ug/l	97
18) Methyl Acetate	2.703	43	941	0.263	ug/l #	84
20) Methylene Chloride	2.794	84	2699	0.835	ug/l #	92
21) trans-1,2-Dichloroethene	3.099	96	1337	0.421	ug/l	92
25) 2-Butanone	4.586	43	514	0.230	ug/l #	44
27) cis-1,2-Dichloroethene	4.489	96	1916	0.506	ug/l	89
29) Tetrahydrofuran	5.044	42	420	0.293	ug/l #	67
31) Cyclohexane	5.550	56	6237	1.363	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	25250	4.990	ug/l #	50
38) Carbon Tetrachloride	5.550	117	33658	5.821	ug/l #	15
44) Trichloroethene	7.129	130	7057	0.899	ug/l	100
76) 1,2,3-Trichloropropane	11.079	75	140017	25.829	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	140017	75.777	ug/l #	15
94) Hexachlorobutadiene	13.725	225	40	Below Cal	#	16

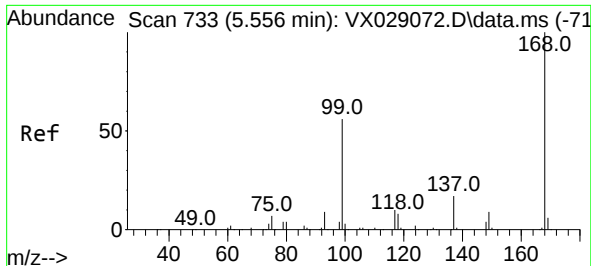
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
Data File : VX029260.D
Acq On : 07 Jun 2022 00:53
Operator : JC/MD
Sample : N3166-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RB07-20220601

Quant Time: Jun 07 06:09:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 01 04:45:42 2022
Response via : Initial Calibration

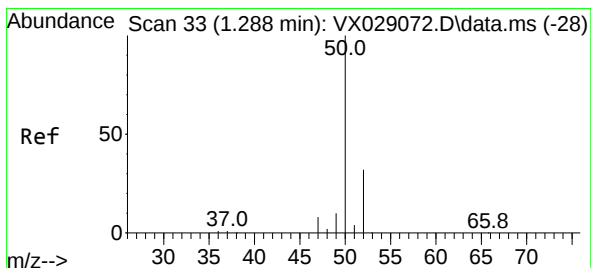
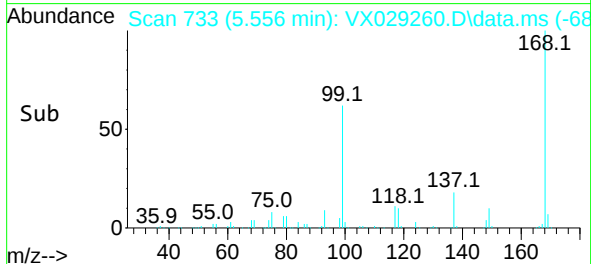
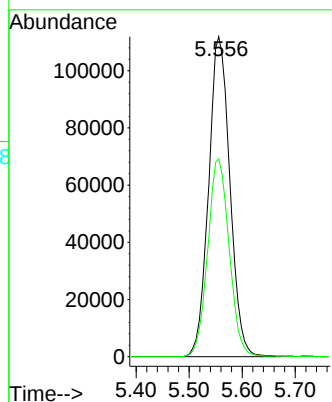
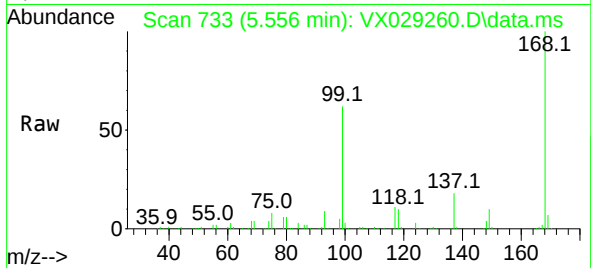




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029260.D
Acq: 07 Jun 2022 00:53

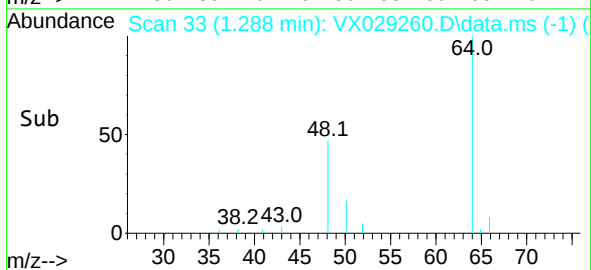
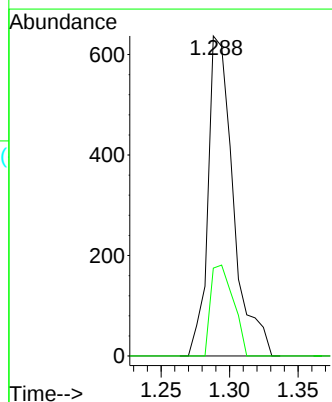
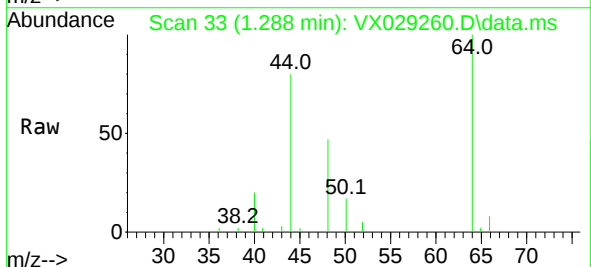
Instrument :
MSVOA_X
ClientSampleId :
RB07-20220601

Tgt Ion:168 Resp: 312041
Ion Ratio Lower Upper
168 100
99 61.8 41.7 62.5



#3
Chloromethane
Concen: 0.288 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX029260.D
Acq: 07 Jun 2022 00:53

Tgt Ion: 50 Resp: 819
Ion Ratio Lower Upper
50 100
52 27.5 26.4 39.6

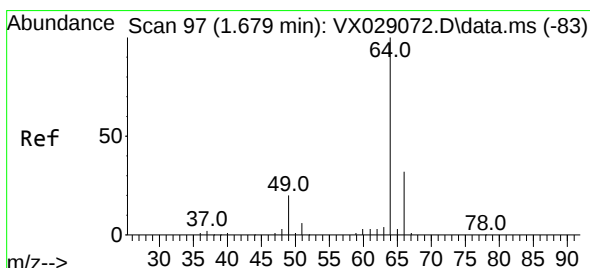
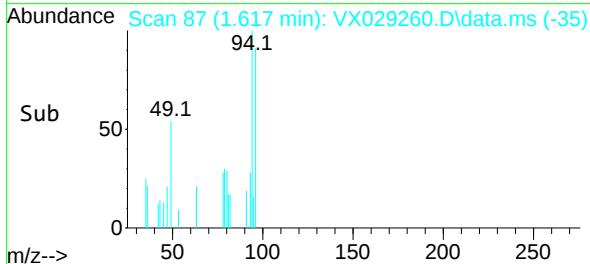
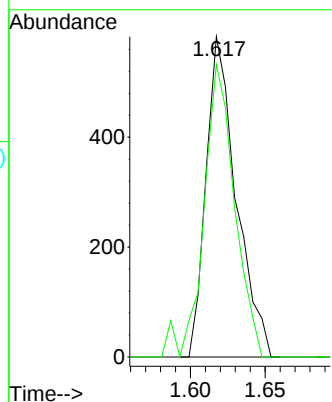
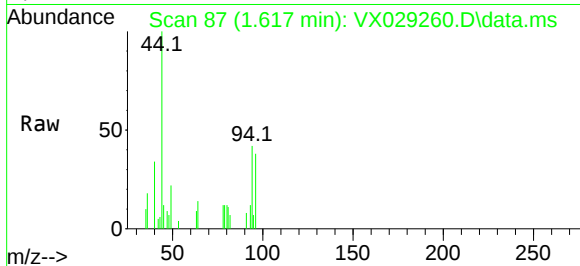




#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX029260.D
Acq: 07 Jun 2022 00:53

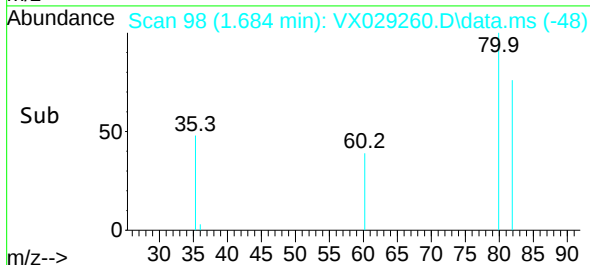
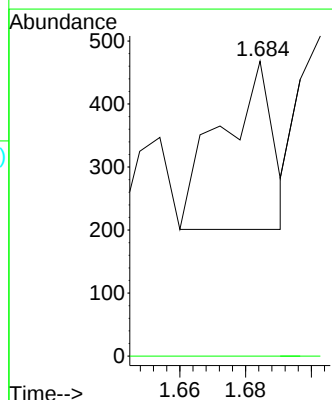
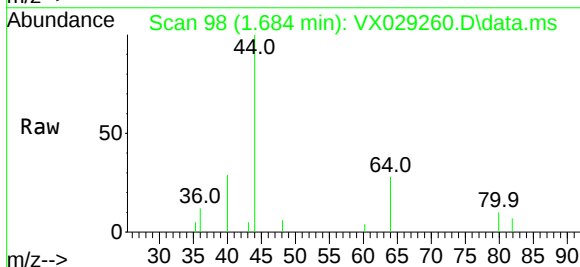
Instrument :
MSVOA_X
ClientSampleId :
RB07-20220601

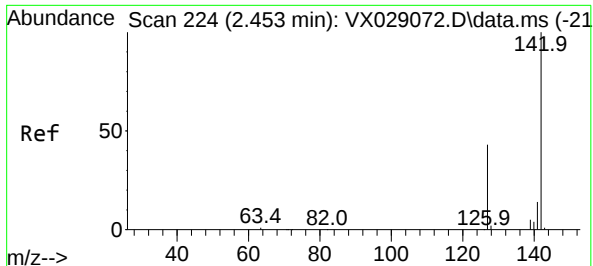
Tgt Ion: 94 Resp: 817
Ion Ratio Lower Upper
94 100
96 91.4 75.3 112.9



#6
Chloroethane
Concen: 1.509 ug/l
RT: 1.684 min Scan# 98
Delta R.T. 0.005 min
Lab File: VX029260.D
Acq: 07 Jun 2022 00:53

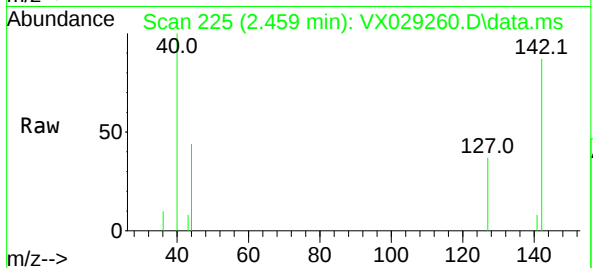
Tgt Ion: 64 Resp: 294
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



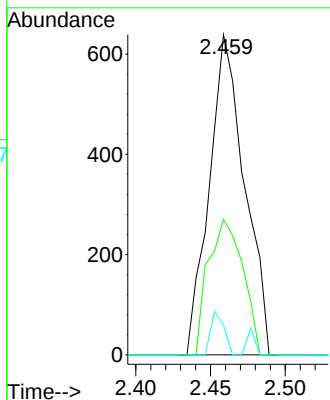
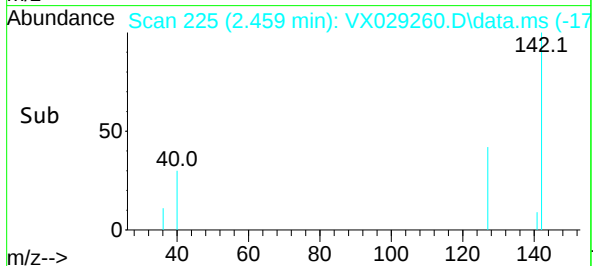


#10
Methyl Iodide
Concen: 4.499 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029260.D
Acq: 07 Jun 2022 00:53

Instrument :
MSVOA_X
ClientSampleId :
RB07-20220601

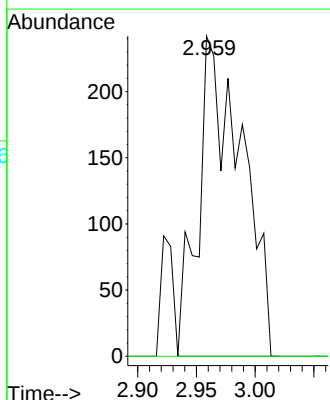
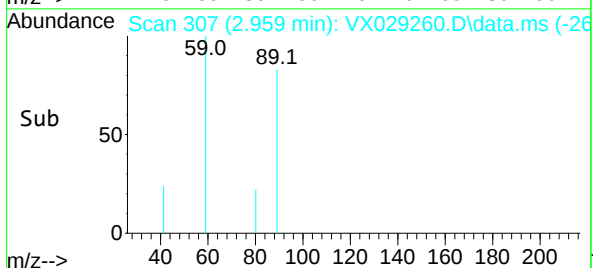
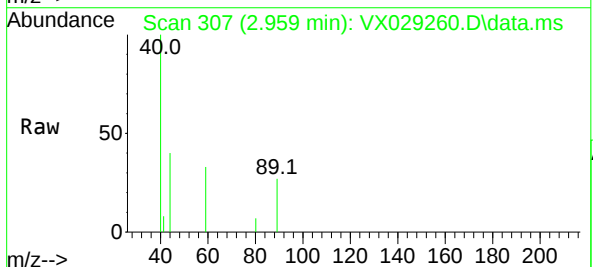


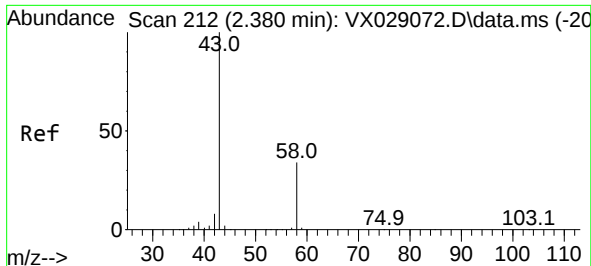
Tgt Ion:142 Resp: 1047
Ion Ratio Lower Upper
142 100
127 41.4 33.9 50.9
141 5.2 11.4 17.2#



#11
Tert butyl alcohol
Concen: 0.762 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.012 min
Lab File: VX029260.D
Acq: 07 Jun 2022 00:53

Tgt Ion: 59 Resp: 621
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

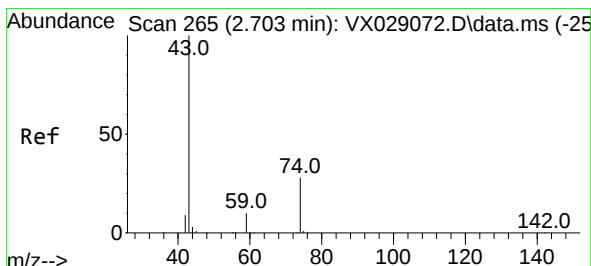
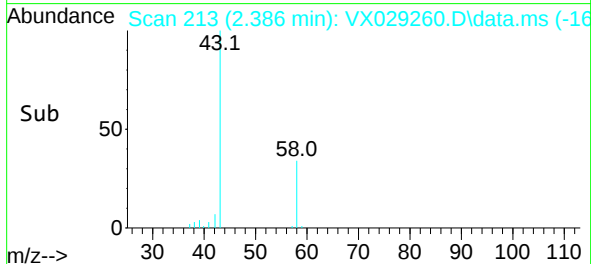
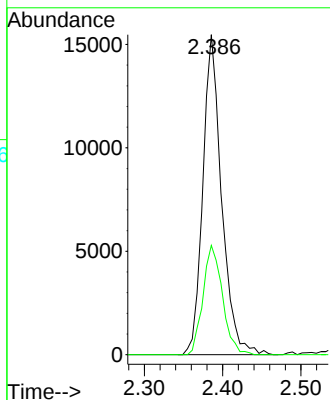
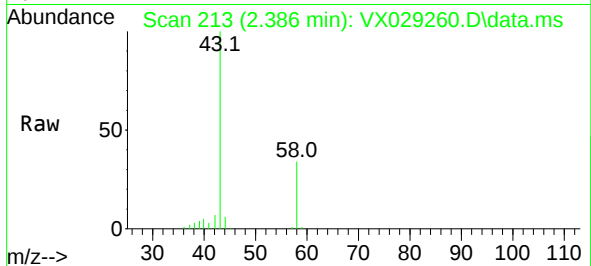




#16
Acetone
Concen: 18.594 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029260.D
Acq: 07 Jun 2022 00:53

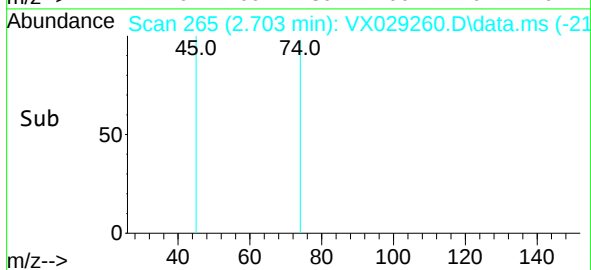
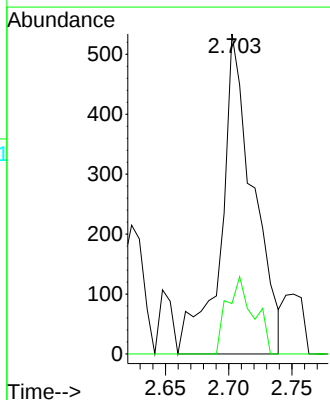
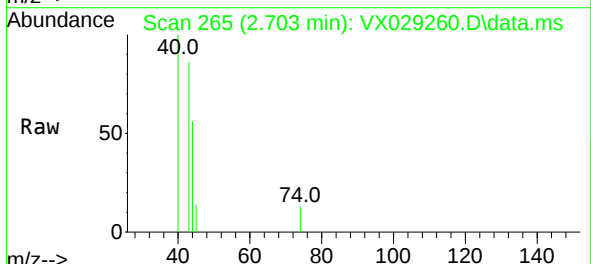
Instrument :
MSVOA_X
ClientSampleId :
RB07-20220601

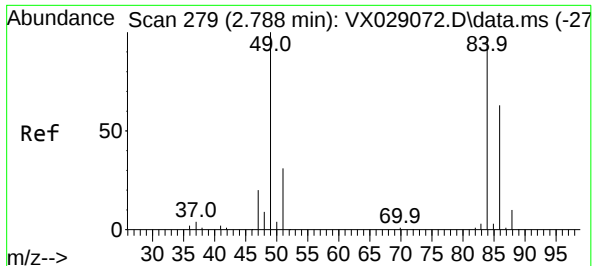
Tgt Ion: 43 Resp: 25763
Ion Ratio Lower Upper
43 100
58 34.2 28.8 43.2



#18
Methyl Acetate
Concen: 0.263 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX029260.D
Acq: 07 Jun 2022 00:53

Tgt Ion: 43 Resp: 941
Ion Ratio Lower Upper
43 100
74 19.9 22.8 34.2#

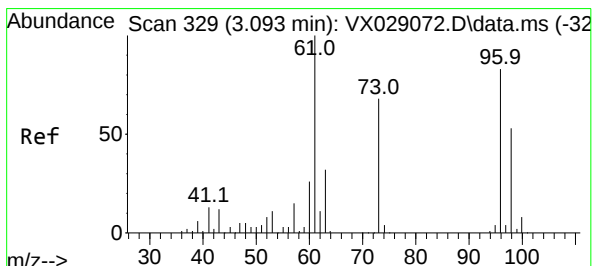
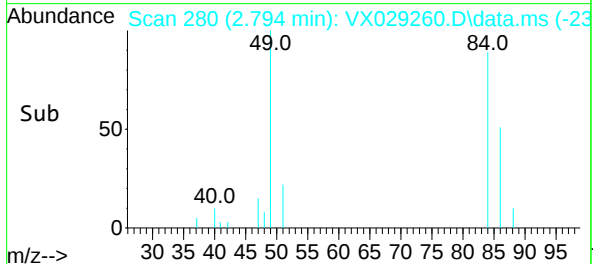
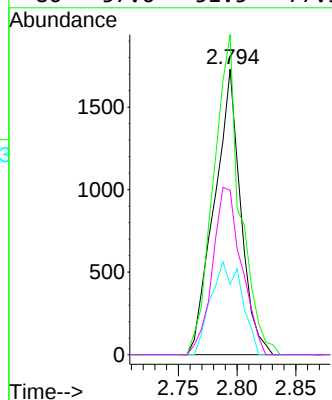
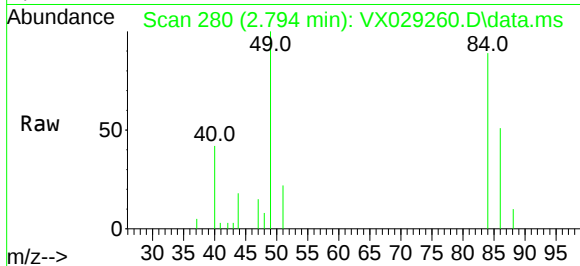




#20
Methylene Chloride
Concen: 0.835 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029260.D
Acq: 07 Jun 2022 00:53

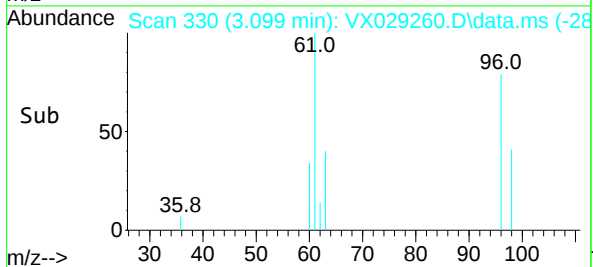
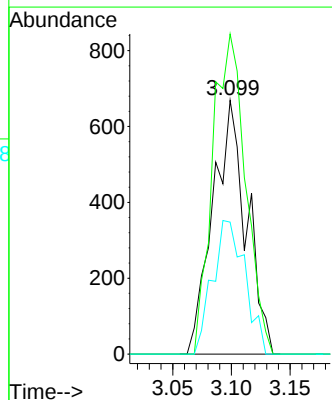
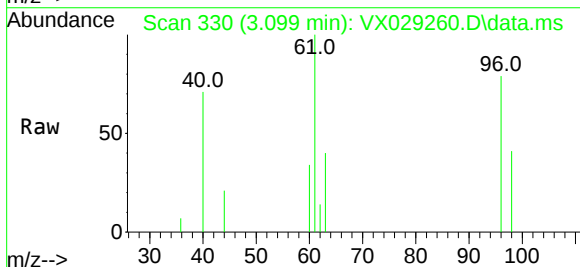
Instrument :
MSVOA_X
ClientSampleId :
RB07-20220601

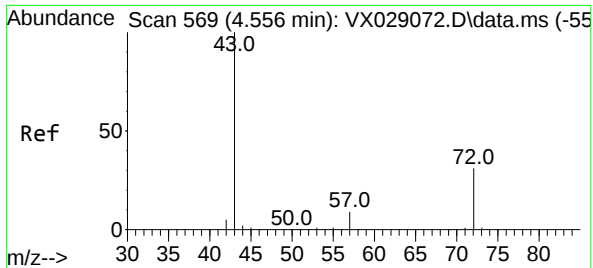
Tgt Ion:	84	Resp:	2699
Ion	Ratio	Lower	Upper
84	100		
49	112.1	85.5	128.3
51	24.7	26.6	39.8#
86	57.6	51.5	77.3



#21
trans-1,2-Dichloroethene
Concen: 0.421 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX029260.D
Acq: 07 Jun 2022 00:53

Tgt Ion:	96	Resp:	1337
Ion	Ratio	Lower	Upper
96	100		
61	126.2	105.4	158.2
98	52.0	50.0	75.0

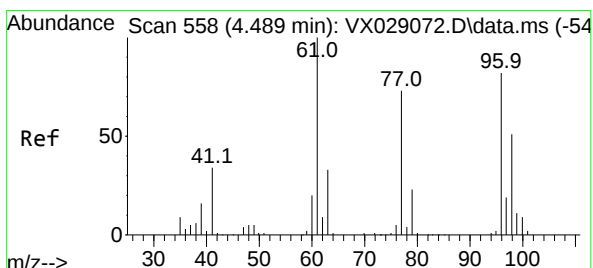
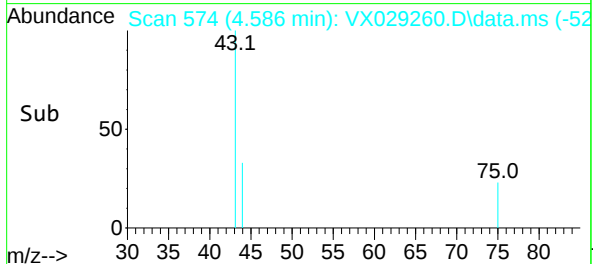
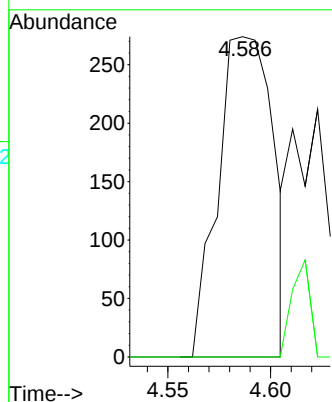
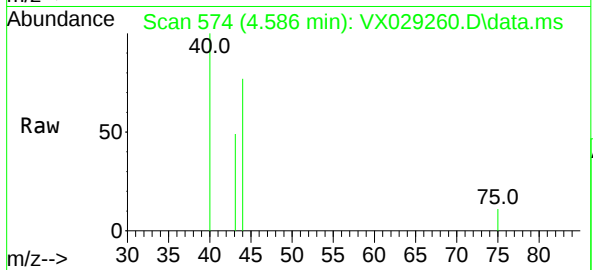




#25
2-Butanone
Concen: 0.230 ug/l
RT: 4.586 min Scan# 514
Delta R.T. 0.030 min
Lab File: VX029260.D
Acq: 07 Jun 2022 00:53

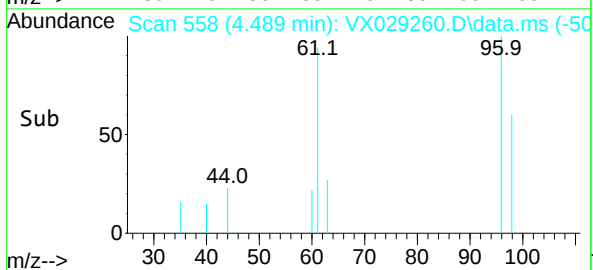
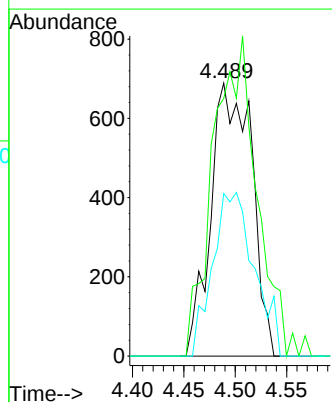
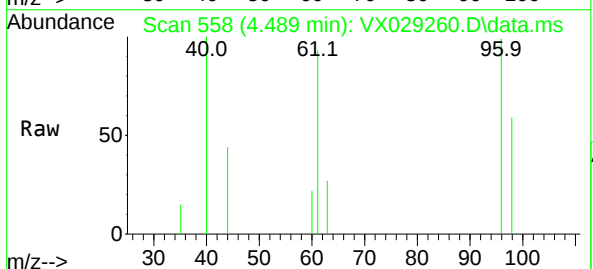
Instrument :
MSVOA_X
ClientSampleId :
RB07-20220601

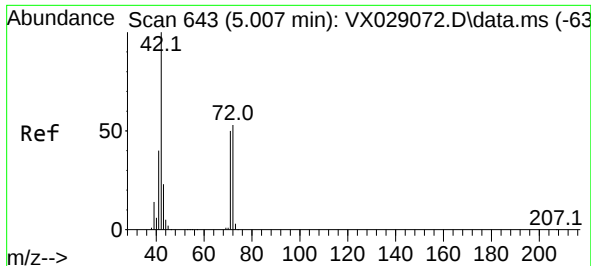
Tgt Ion: 43 Resp: 514
Ion Ratio Lower Upper
43 100
72 0.0 24.4 36.6#



#27
cis-1,2-Dichloroethene
Concen: 0.506 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX029260.D
Acq: 07 Jun 2022 00:53

Tgt Ion: 96 Resp: 1916
Ion Ratio Lower Upper
96 100
61 125.0 0.0 283.8
98 60.9 0.0 129.8





#29

Tetrahydrofuran

Concen: 0.293 ug/l

RT: 5.044 min Scan# 643

Delta R.T. 0.037 min

Lab File: VX029260.D

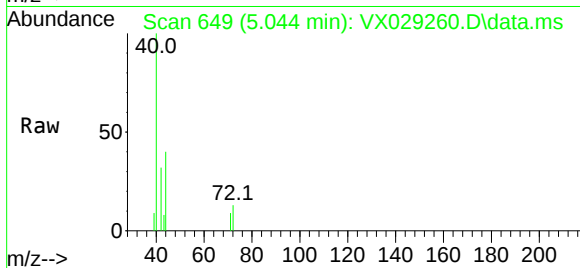
Acq: 07 Jun 2022 00:53

Instrument :

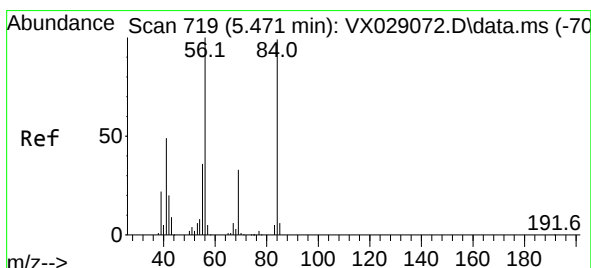
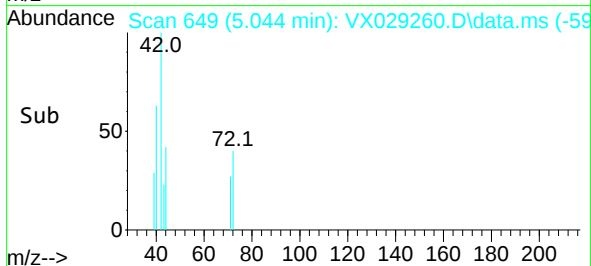
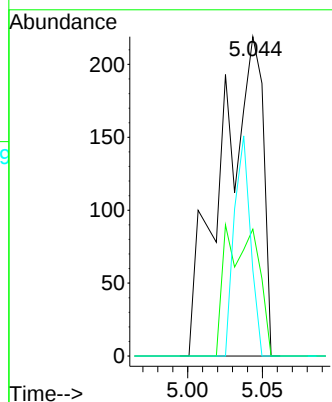
MSVOA_X

ClientSampleId :

RB07-20220601



Tgt Ion:	42	Resp:	420
Ion	Ratio	Lower	Upper
42	100		
72	31.7	44.1	66.1#
71	27.1	40.5	60.7#



#31

Cyclohexane

Concen: 1.363 ug/l

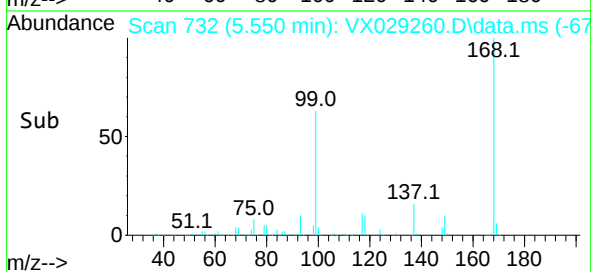
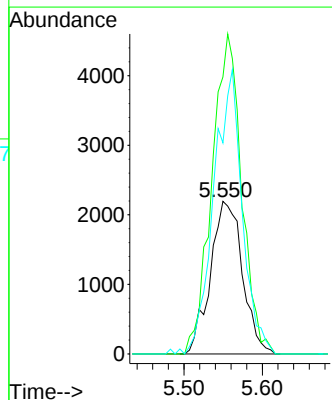
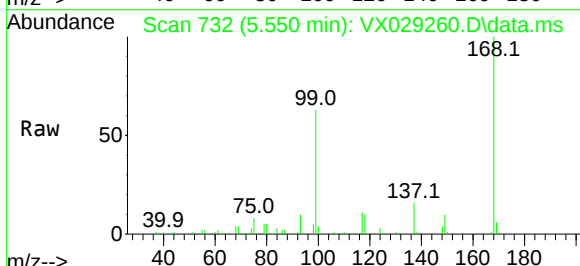
RT: 5.550 min Scan# 732

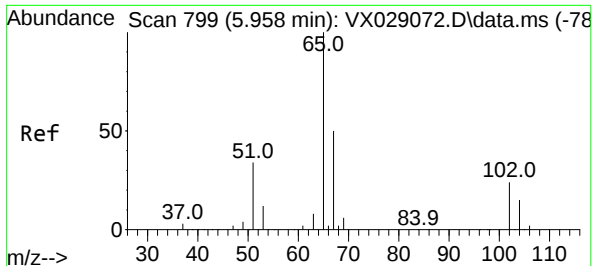
Delta R.T. 0.079 min

Lab File: VX029260.D

Acq: 07 Jun 2022 00:53

Tgt Ion:	56	Resp:	6237
Ion	Ratio	Lower	Upper
56	100		
69	181.4	26.7	40.1#
84	138.2	77.2	115.8#





#33

1,2-Dichloroethane-d4

Concen: 61.945 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029260.D

Acq: 07 Jun 2022 00:53

Instrument :

MSVOA_X

ClientSampleId :

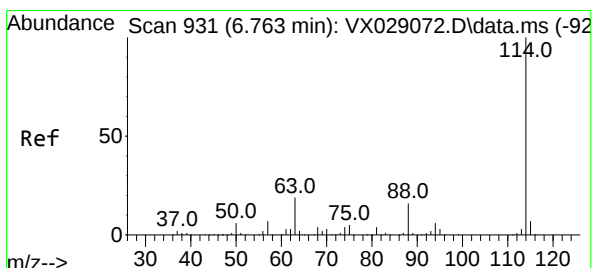
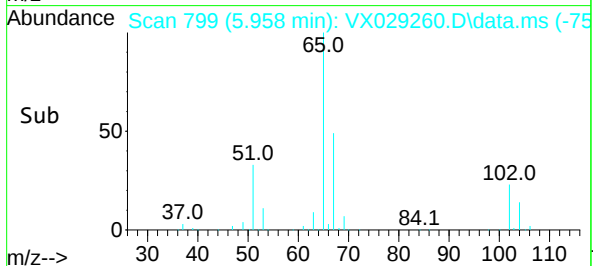
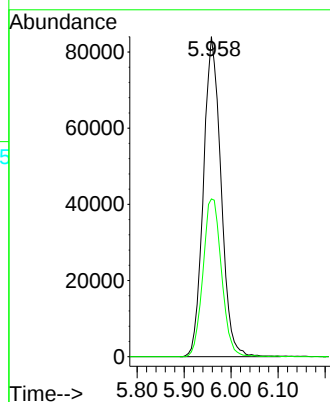
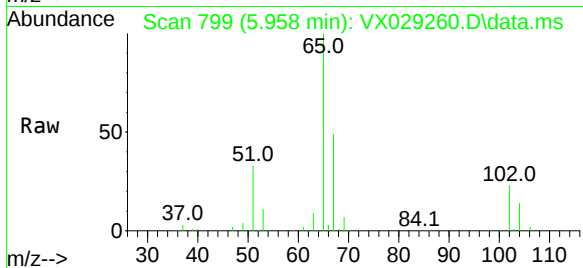
RB07-20220601

Tgt Ion: 65 Resp: 217966

Ion Ratio Lower Upper

65 100

67 51.9 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX029260.D

Acq: 07 Jun 2022 00:53

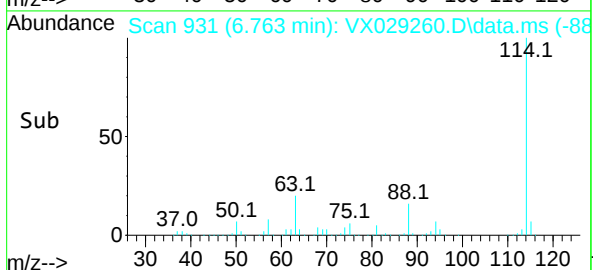
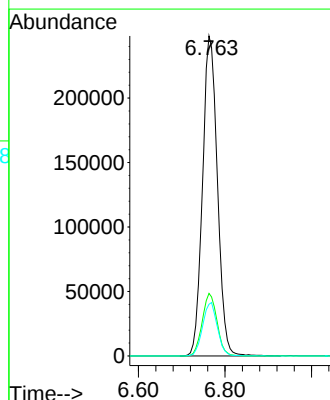
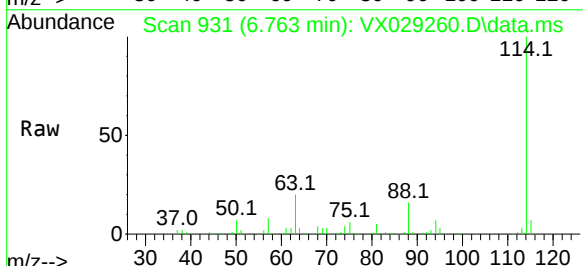
Tgt Ion: 114 Resp: 592024

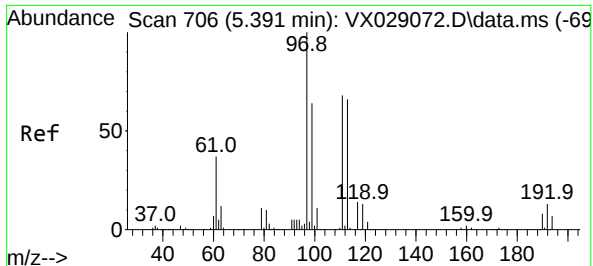
Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.8

88 16.2 0.0 32.4





#35

Dibromofluoromethane

Concen: 49.922 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029260.D

Acq: 07 Jun 2022 00:53

Instrument :

MSVOA_X

ClientSampleId :

RB07-20220601

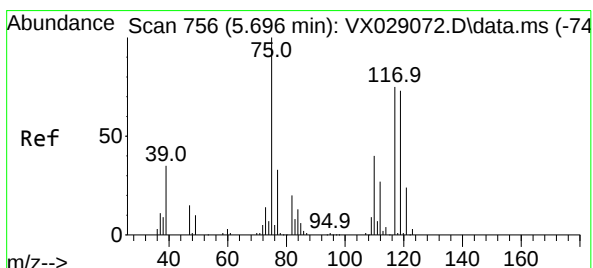
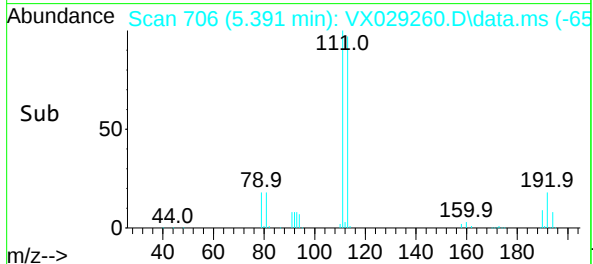
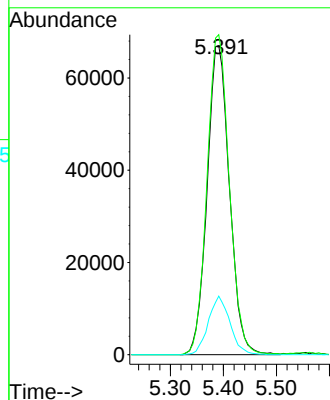
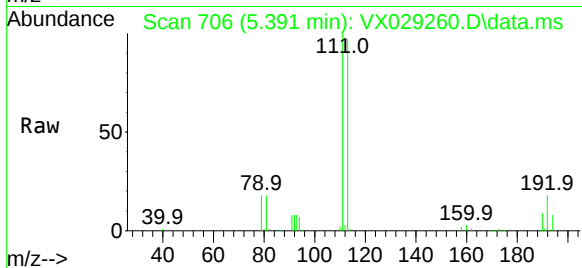
Tgt Ion:113 Resp: 196313

Ion Ratio Lower Upper

113 100

111 103.2 82.8 124.2

192 18.4 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.990 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX029260.D

Acq: 07 Jun 2022 00:53

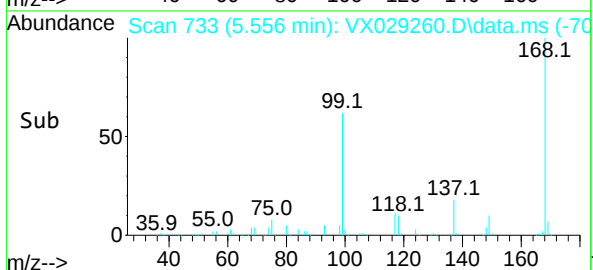
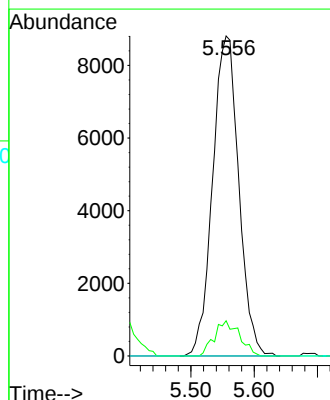
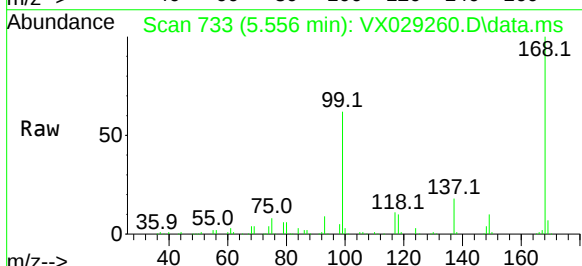
Tgt Ion: 75 Resp: 25250

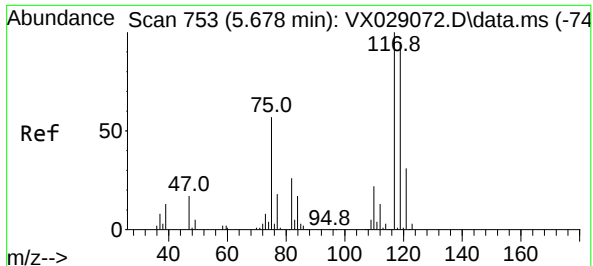
Ion Ratio Lower Upper

75 100

110 10.6 18.3 54.8#

77 0.0 24.8 37.2#

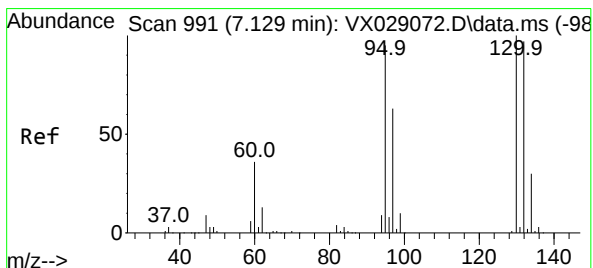
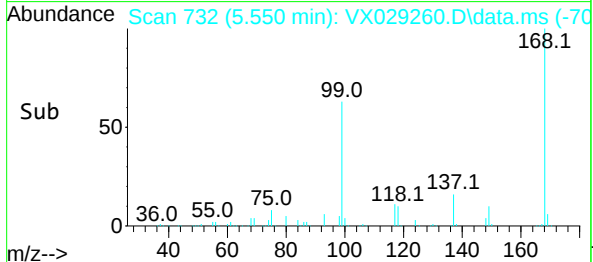
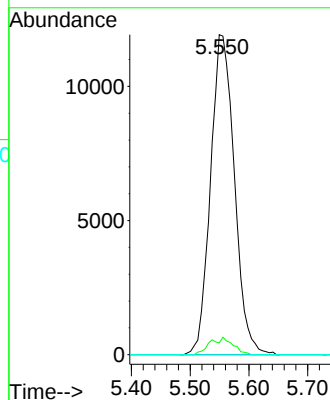
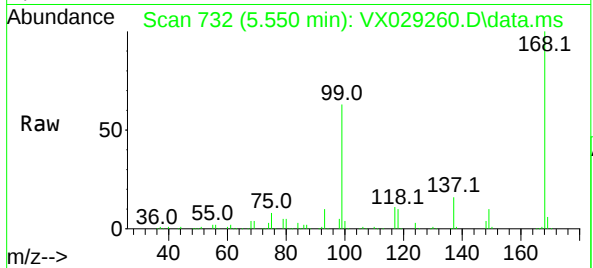




#38
Carbon Tetrachloride
Concen: 5.821 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX029260.D
Acq: 07 Jun 2022 00:53

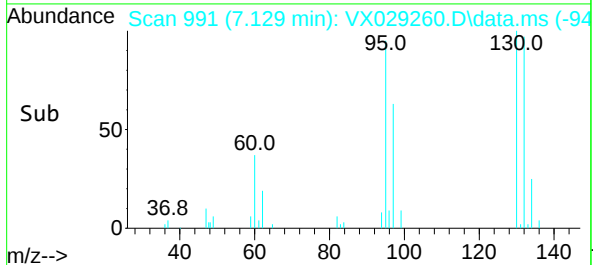
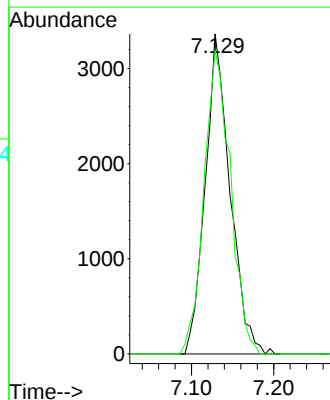
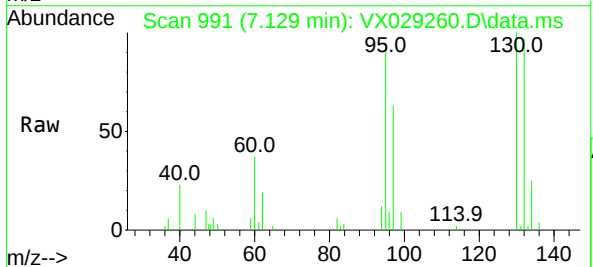
Instrument :
MSVOA_X
ClientSampleId :
RB07-20220601

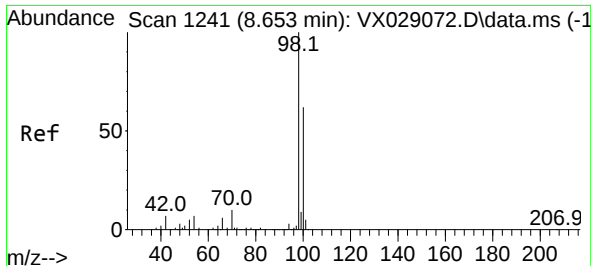
Tgt Ion:117 Resp: 33658
Ion Ratio Lower Upper
117 100
119 3.6 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 0.899 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029260.D
Acq: 07 Jun 2022 00:53

Tgt Ion:130 Resp: 7057
Ion Ratio Lower Upper
130 100
95 94.7 0.0 188.8

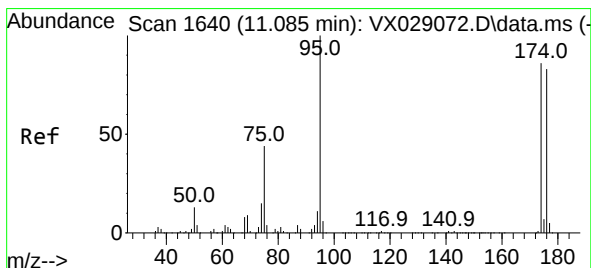
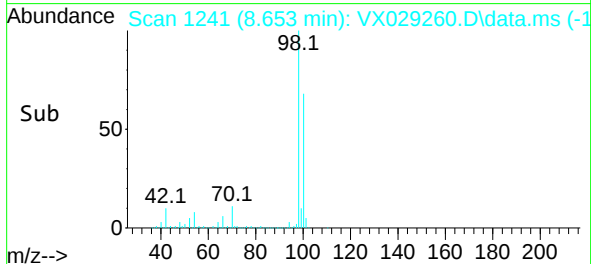
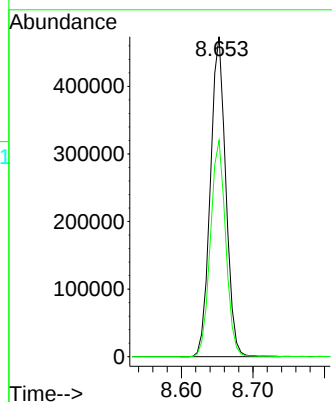
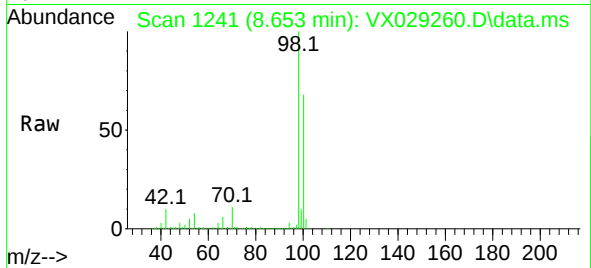




#50
Toluene-d8
Concen: 49.265 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029260.D
Acq: 07 Jun 2022 00:53

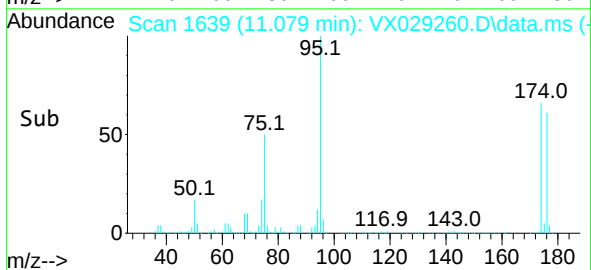
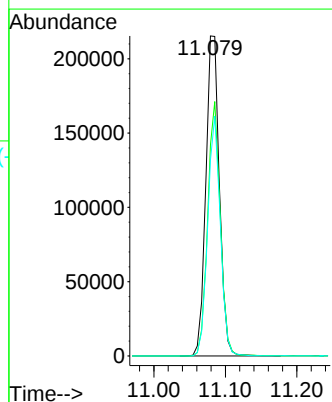
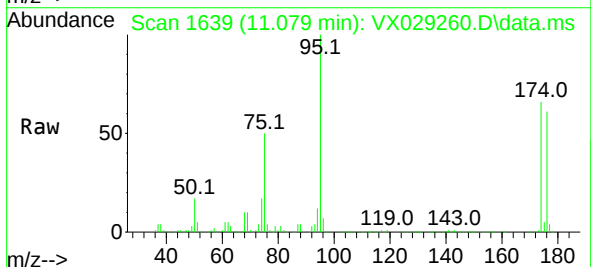
Instrument :
MSVOA_X
ClientSampleId :
RB07-20220601

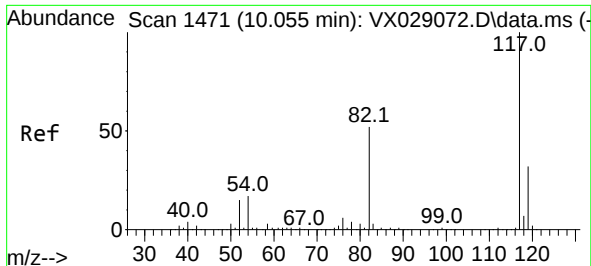
Tgt Ion: 98 Resp: 708544
Ion Ratio Lower Upper
98 100
100 67.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 51.184 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029260.D
Acq: 07 Jun 2022 00:53

Tgt Ion: 95 Resp: 284557
Ion Ratio Lower Upper
95 100
174 73.9 0.0 163.0
176 69.7 0.0 155.0

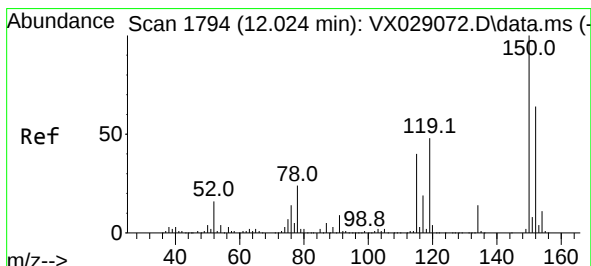
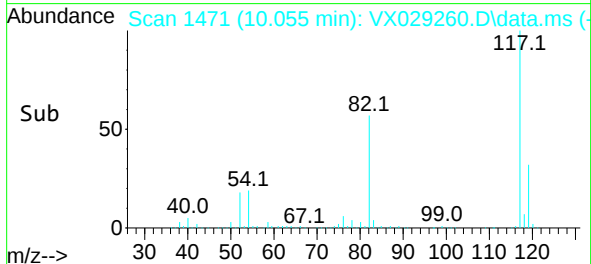
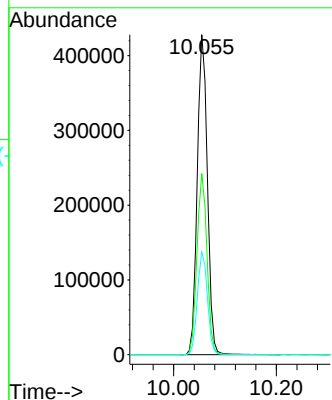
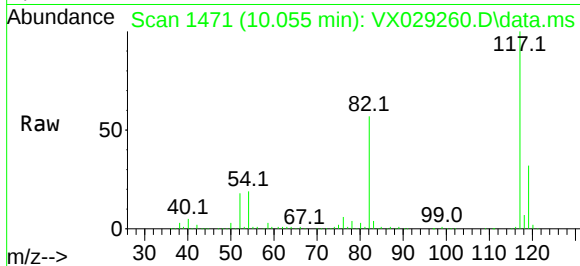




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029260.D
Acq: 07 Jun 2022 00:53

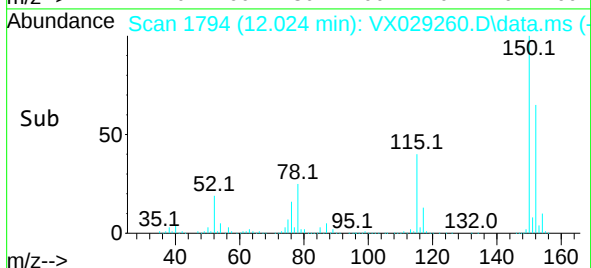
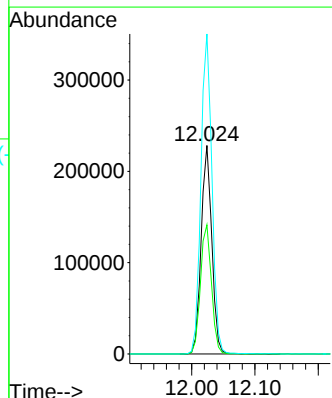
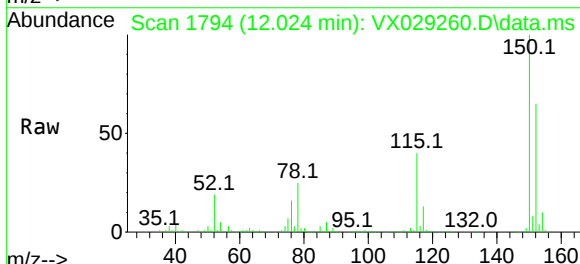
Instrument :
MSVOA_X
ClientSampleId :
RB07-20220601

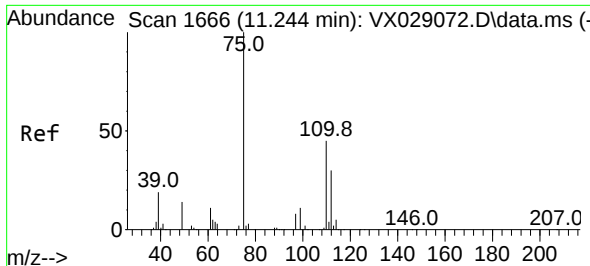
Tgt Ion:117 Resp: 583687
Ion Ratio Lower Upper
117 100
82 56.6 41.8 62.8
119 32.0 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029260.D
Acq: 07 Jun 2022 00:53

Tgt Ion:152 Resp: 267413
Ion Ratio Lower Upper
152 100
115 64.2 37.5 112.7
150 158.8 0.0 338.2

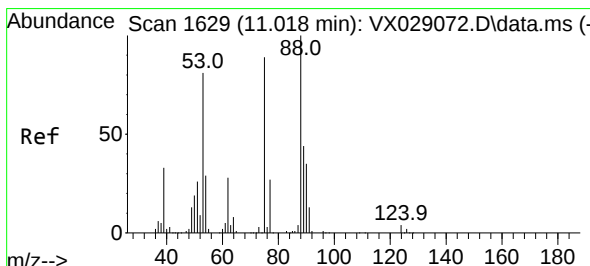
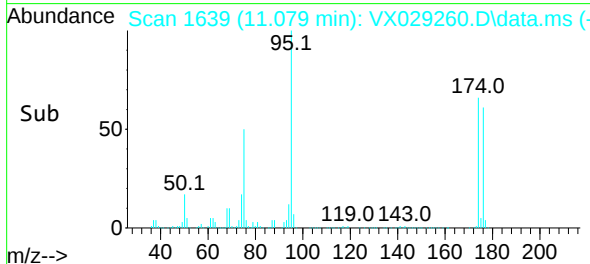
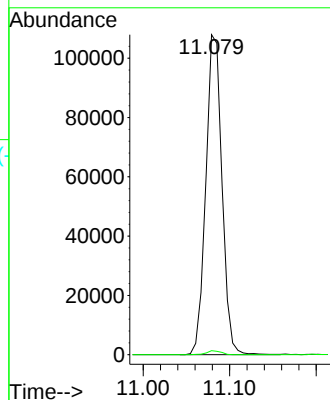
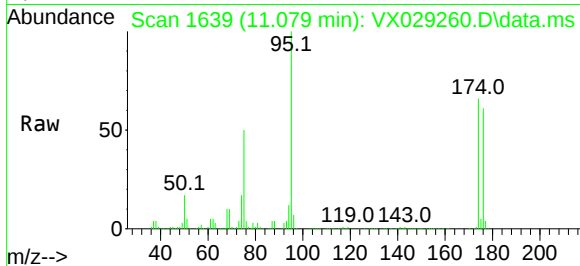




#76
1,2,3-Trichloropropane
Concen: 25.829 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029260.D
Acq: 07 Jun 2022 00:53

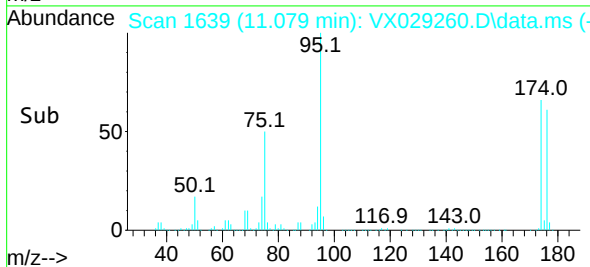
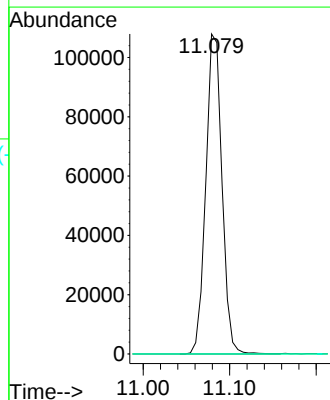
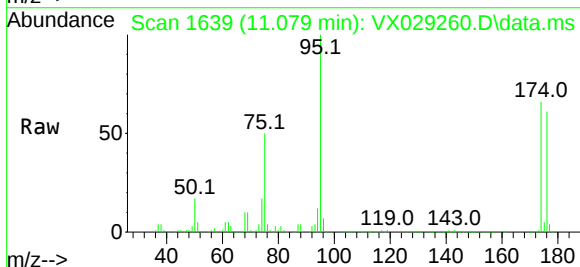
Instrument :
MSVOA_X
ClientSampleId :
RB07-20220601

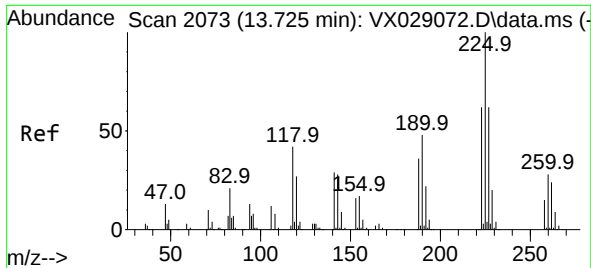
Tgt Ion: 75 Resp: 140017
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.777 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029260.D
Acq: 07 Jun 2022 00:53

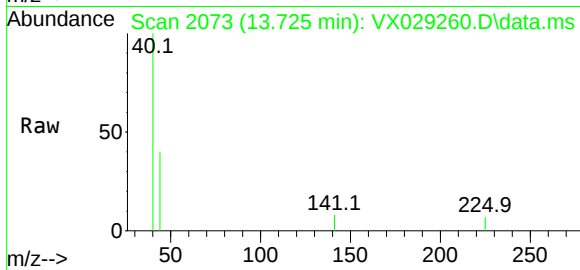
Tgt Ion: 75 Resp: 140017
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 13.725 min Scan# 2073
 Delta R.T. -0.000 min
 Lab File: VX029260.D
 Acq: 07 Jun 2022 00:53

Instrument :
 MSVOA_X
 ClientSampleId :
 RB07-20220601



Tgt Ion:225 Resp: 40
 Ion Ratio Lower Upper
 225 100
 223 0.0 34.2 102.5#
 227 0.0 33.9 101.7#

