

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052022\
 Data File : VX028875.D
 Acq On : 21 May 2022 01:51
 Operator : JC/MD
 Sample : N2970-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RB02-20220519

Quant Time: May 21 02:50:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

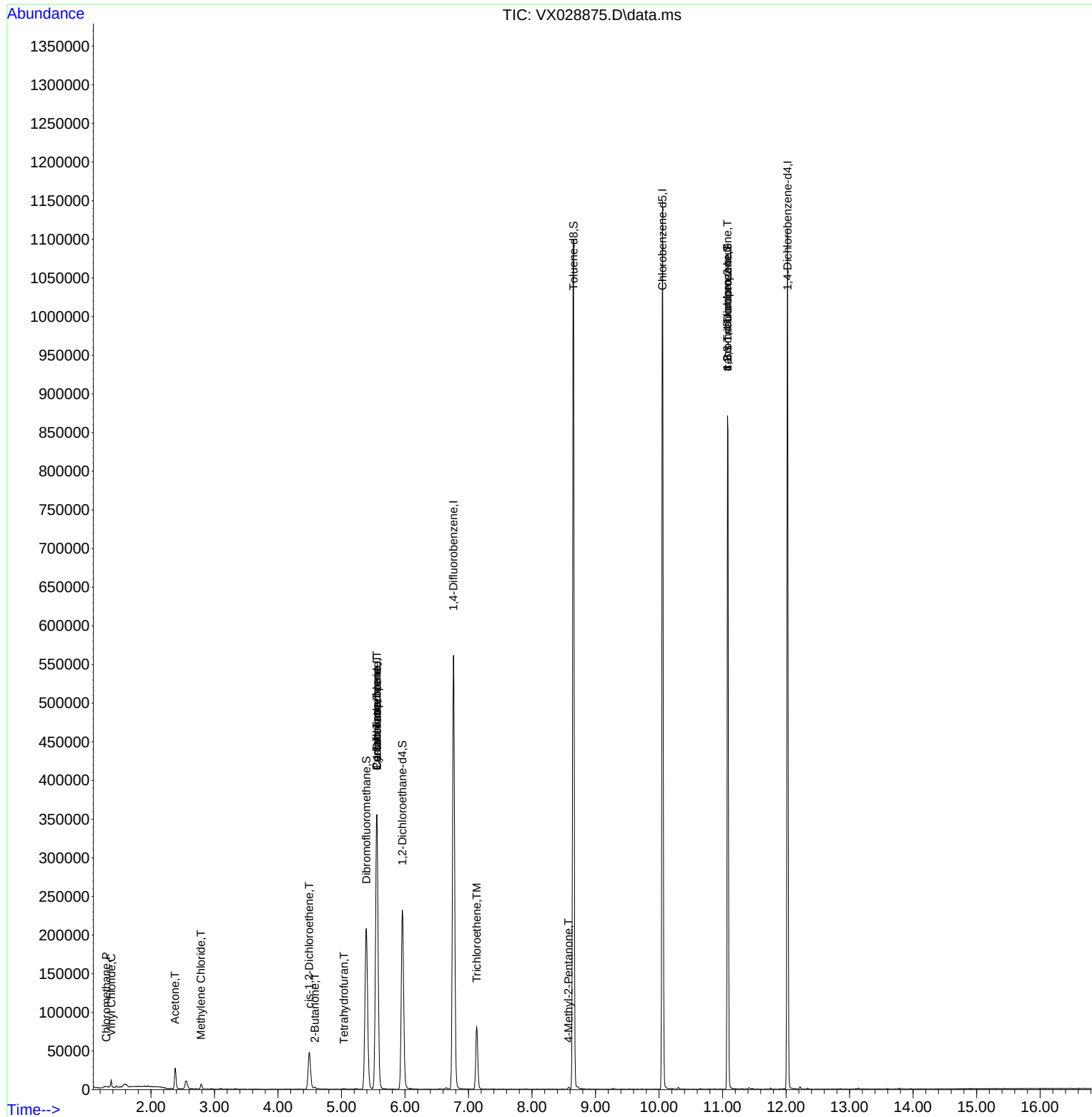
Internal Standards						
1) Pentafluorobenzene	5.556	168	327177	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	567745	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	511825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	220790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	233011	51.955	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	103.920%
35) Dibromofluoromethane	5.391	113	181880	48.895	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.800%
50) Toluene-d8	8.653	98	670891	47.838	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.680%
62) 4-Bromofluorobenzene	11.079	95	242879	46.367	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.740%
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	882	0.219	ug/l	98
4) Vinyl Chloride	1.374	62	5292	1.217	ug/l	97
5) Bromomethane	1.618	94	1141	Below Cal	#	74
6) Chloroethane	1.678	64	776	Below Cal	#	43
11) Tert butyl alcohol	2.940	59	219	Below Cal	#	72
16) Acetone	2.380	43	30072	15.624	ug/l	92
20) Methylene Chloride	2.788	84	2758	0.683	ug/l	89
25) 2-Butanone	4.580	43	4638	1.535	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	31408	7.051	ug/l	90
29) Tetrahydrofuran	5.038	42	620	0.316	ug/l	# 56
31) Cyclohexane	5.556	56	6930	1.113	ug/l	# 6
36) 1,1-Dichloropropene	5.556	75	26736	4.785	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	35441	6.303	ug/l	# 15
44) Trichloroethene	7.129	130	31716	7.283	ug/l	89
51) 4-Methyl-2-Pentanone	8.574	43	1683	0.280	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	126230	24.413	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	126230	71.062	ug/l	# 15

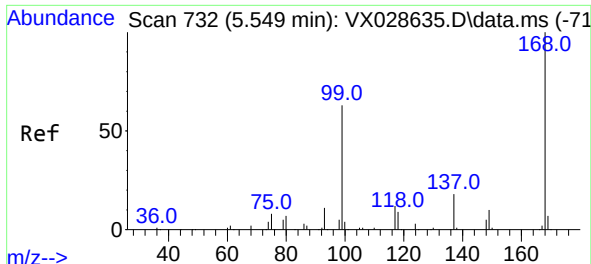
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052022\
Data File : VX028875.D
Acq On : 21 May 2022 01:51
Operator : JC/MD
Sample : N2970-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RB02-20220519

Quant Time: May 21 02:50:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration

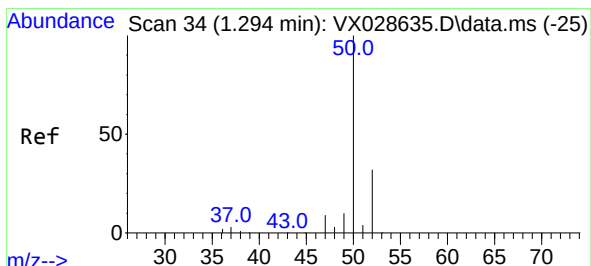
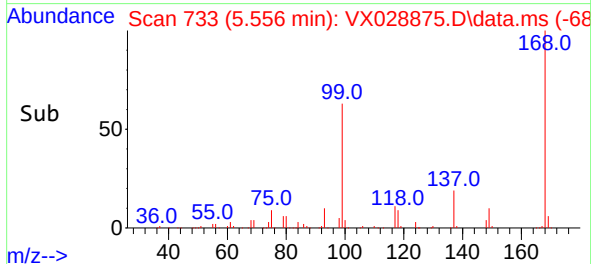
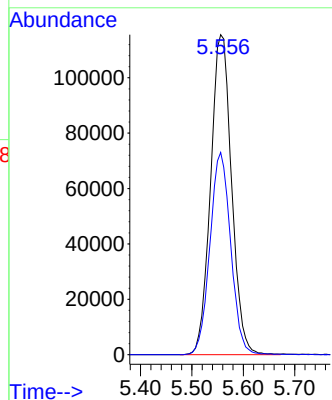
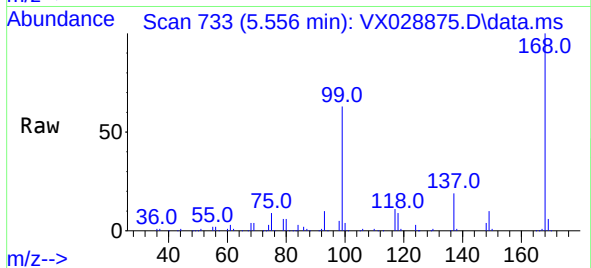




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028875.D
Acq: 21 May 2022 01:51

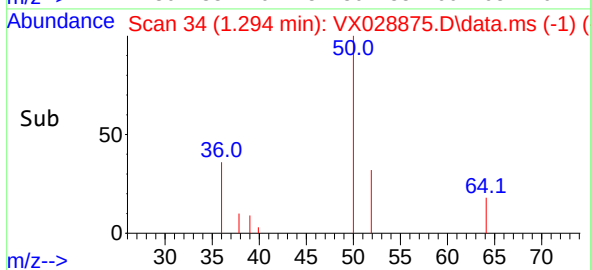
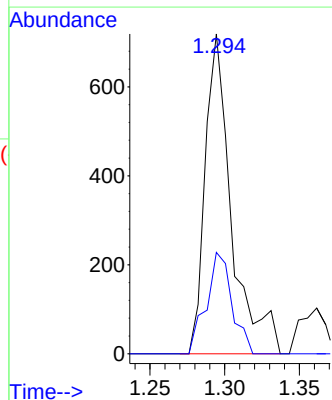
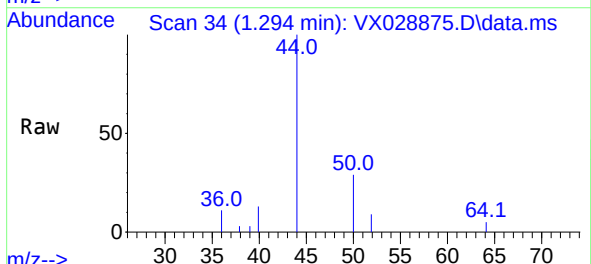
Instrument :
MSVOA_X
ClientSampleId :
RB02-20220519

Tgt Ion:168 Resp: 327177
Ion Ratio Lower Upper
168 100
99 63.2 41.7 62.5#

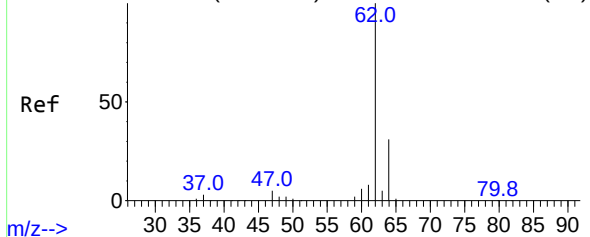


#3
Chloromethane
Concen: 0.219 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028875.D
Acq: 21 May 2022 01:51

Tgt Ion: 50 Resp: 882
Ion Ratio Lower Upper
50 100
52 31.7 26.4 39.6



Abundance Scan 47 (1.373 min): VX028635.D\data.ms (-42)



#4

Vinyl Chloride

Concen: 1.217 ug/l

RT: 1.374 min Scan# 41

Delta R.T. 0.001 min

Lab File: VX028875.D

Acq: 21 May 2022 01:51

Instrument :

MSVOA_X

ClientSampleId :

RB02-20220519

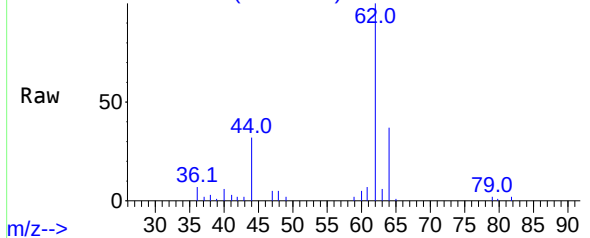
Tgt Ion: 62 Resp: 5292

Ion Ratio Lower Upper

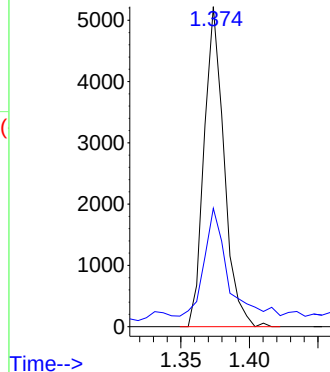
62 100

64 33.7 25.5 38.3

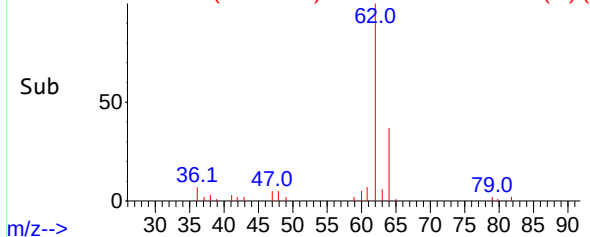
Abundance Scan 47 (1.374 min): VX028875.D\data.ms



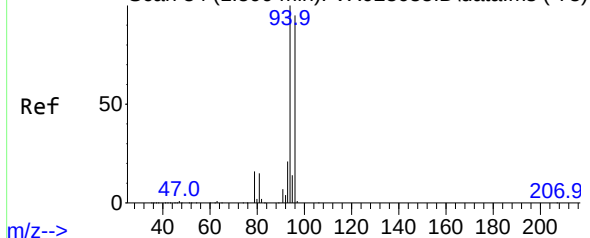
Abundance



Abundance Scan 47 (1.374 min): VX028875.D\data.ms (-1)



Abundance Scan 84 (1.599 min): VX028635.D\data.ms (-78)



#5

Bromomethane

Concen: Below Cal

RT: 1.618 min Scan# 87

Delta R.T. 0.019 min

Lab File: VX028875.D

Acq: 21 May 2022 01:51

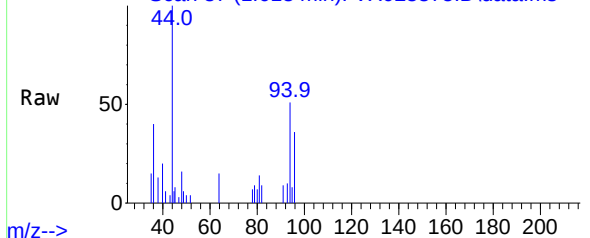
Tgt Ion: 94 Resp: 1141

Ion Ratio Lower Upper

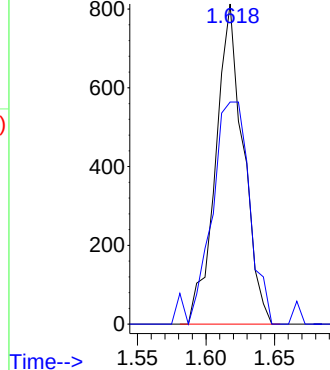
94 100

96 69.4 75.3 112.9#

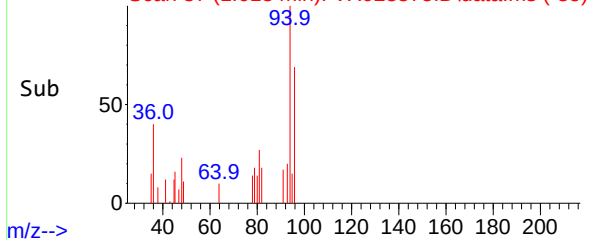
Abundance Scan 87 (1.618 min): VX028875.D\data.ms



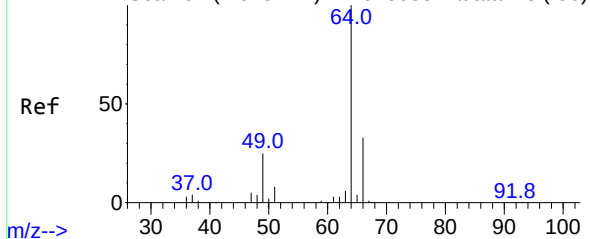
Abundance



Abundance Scan 87 (1.618 min): VX028875.D\data.ms (-35)

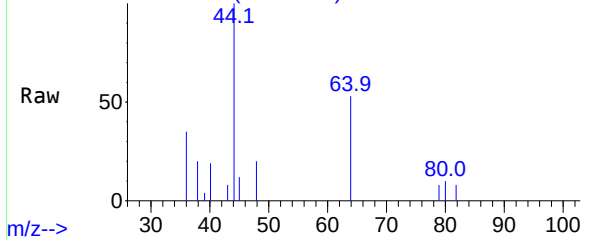


Abundance Scan 97 (1.678 min): VX028635.D\data.ms (-90)



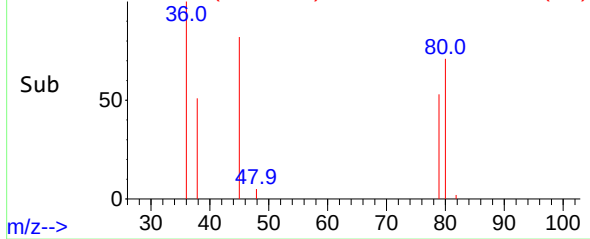
m/z-->

Abundance Scan 97 (1.678 min): VX028875.D\data.ms



m/z-->

Abundance Scan 97 (1.678 min): VX028875.D\data.ms (-48)

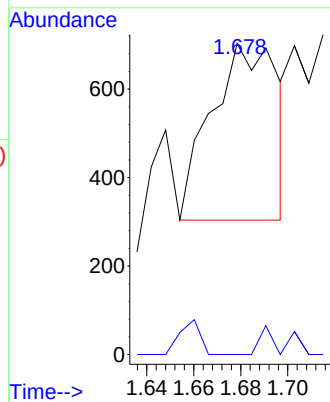


m/z-->

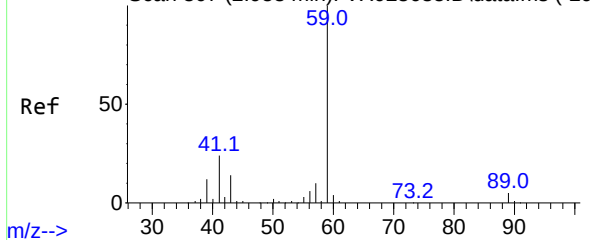
#6
Chloroethane
Concen: Below Cal
RT: 1.678 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028875.D
Acq: 21 May 2022 01:51

Instrument :
MSVOA_X
ClientSampleId :
RB02-20220519

Tgt Ion: 64 Resp: 776
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

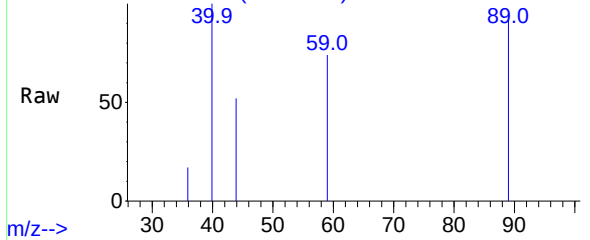


Abundance Scan 307 (2.958 min): VX028635.D\data.ms (-29)



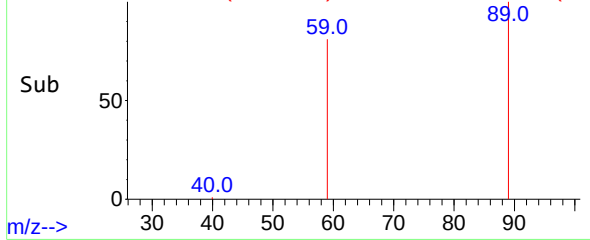
m/z-->

Abundance Scan 304 (2.940 min): VX028875.D\data.ms



m/z-->

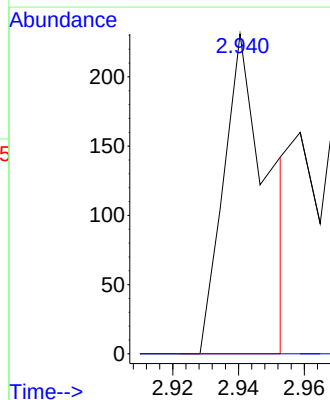
Abundance Scan 304 (2.940 min): VX028875.D\data.ms (-25)

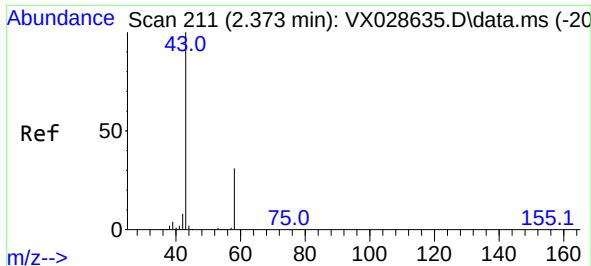


m/z-->

#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 304
Delta R.T. -0.018 min
Lab File: VX028875.D
Acq: 21 May 2022 01:51

Tgt Ion: 59 Resp: 219
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

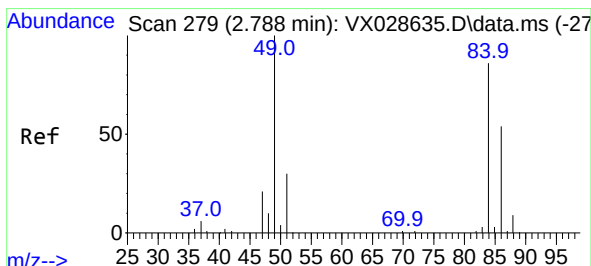
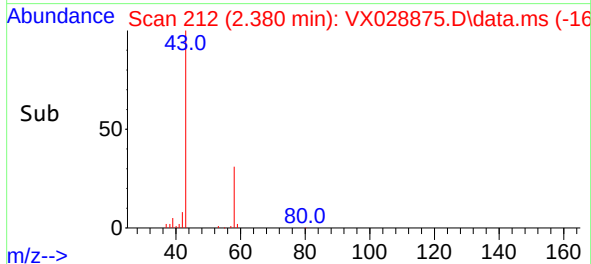
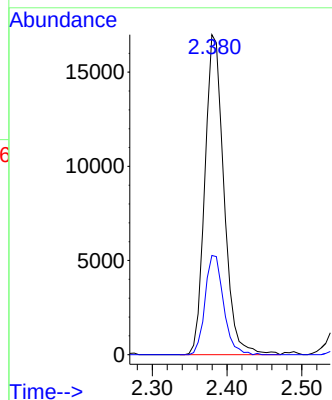
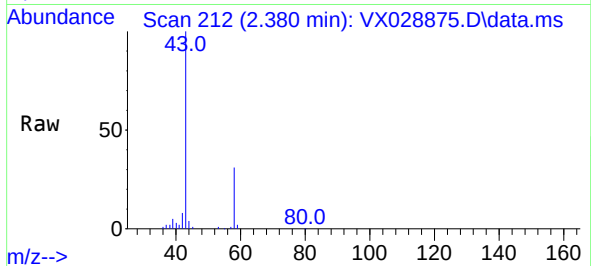




#16
Acetone
Concen: 15.624 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028875.D
Acq: 21 May 2022 01:51

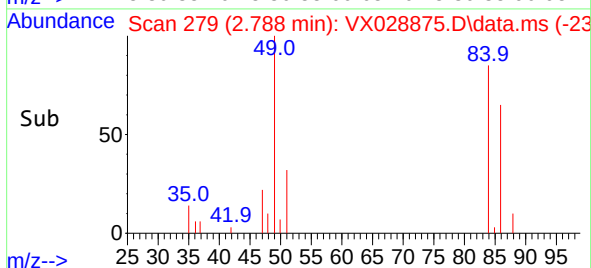
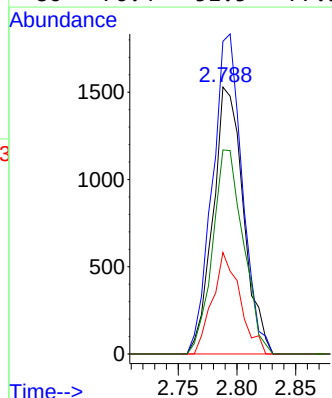
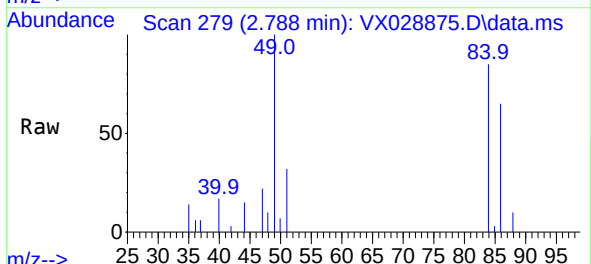
Instrument :
MSVOA_X
ClientSampleId :
RB02-20220519

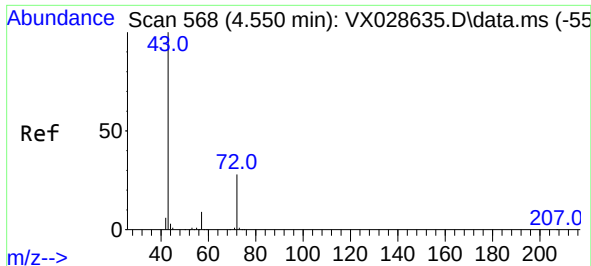
Tgt Ion: 43 Resp: 30072
Ion Ratio Lower Upper
43 100
58 31.0 28.8 43.2



#20
Methylene Chloride
Concen: 0.683 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028875.D
Acq: 21 May 2022 01:51

Tgt Ion: 84 Resp: 2758
Ion Ratio Lower Upper
84 100
49 117.1 85.5 128.3
51 38.0 26.6 39.8
86 76.4 51.5 77.3

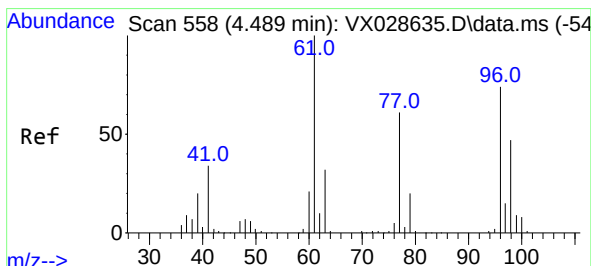
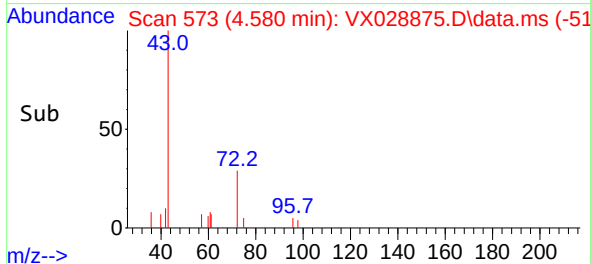
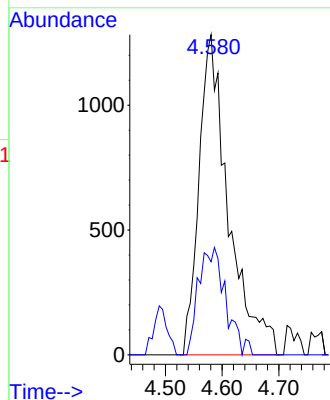
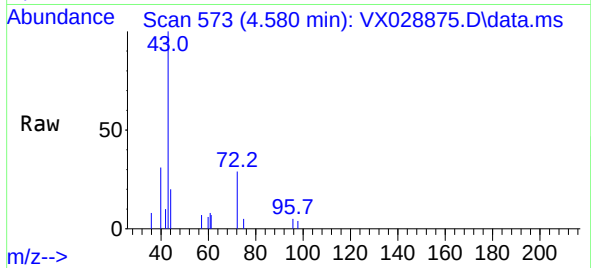




#25
2-Butanone
Concen: 1.535 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX028875.D
Acq: 21 May 2022 01:51

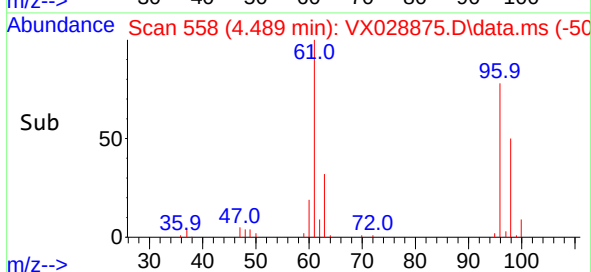
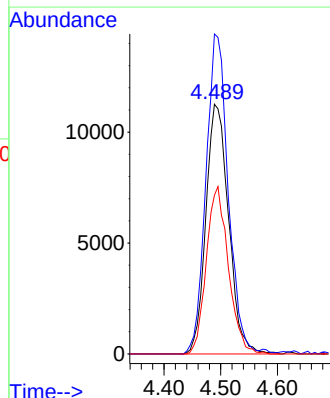
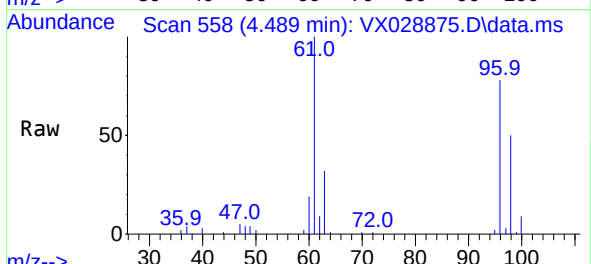
Instrument :
MSVOA_X
ClientSampleId :
RB02-20220519

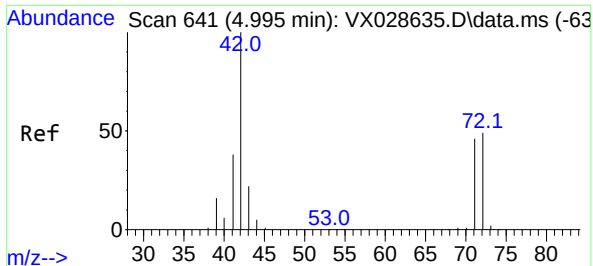
Tgt Ion: 43 Resp: 4638
Ion Ratio Lower Upper
43 100
72 29.1 24.4 36.6



#27
cis-1,2-Dichloroethene
Concen: 7.051 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX028875.D
Acq: 21 May 2022 01:51

Tgt Ion: 96 Resp: 31408
Ion Ratio Lower Upper
96 100
61 124.9 0.0 283.8
98 64.9 0.0 129.8





#29

Tetrahydrofuran

Concen: 0.316 ug/l

RT: 5.038 min Scan# 641

Delta R.T. 0.043 min

Lab File: VX028875.D

Acq: 21 May 2022 01:51

Instrument :

MSVOA_X

ClientSampleId :

RB02-20220519

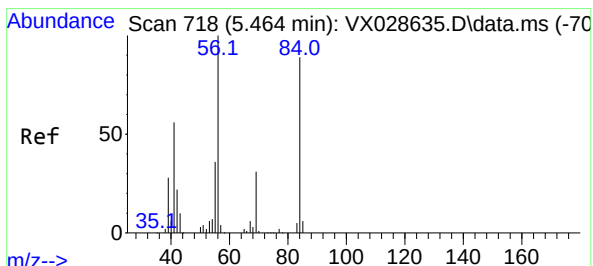
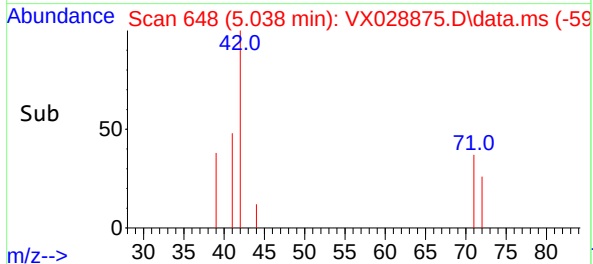
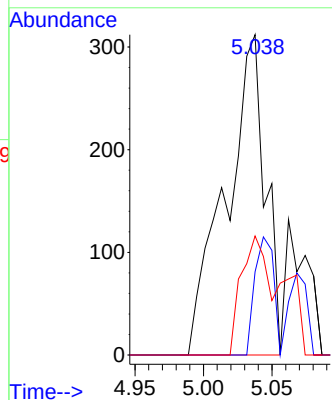
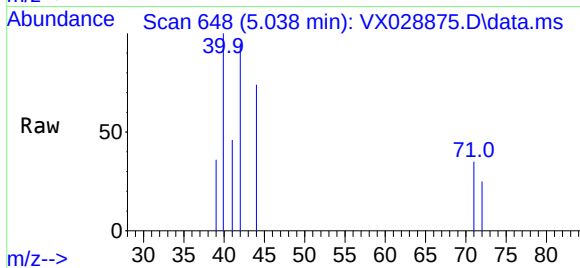
Tgt Ion: 42 Resp: 620

Ion Ratio Lower Upper

42 100

72 17.6 44.1 66.1#

71 25.3 40.5 60.7#



#31

Cyclohexane

Concen: 1.113 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.092 min

Lab File: VX028875.D

Acq: 21 May 2022 01:51

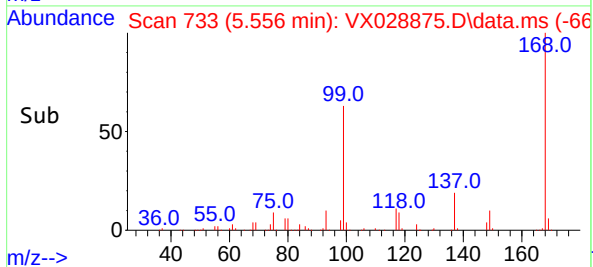
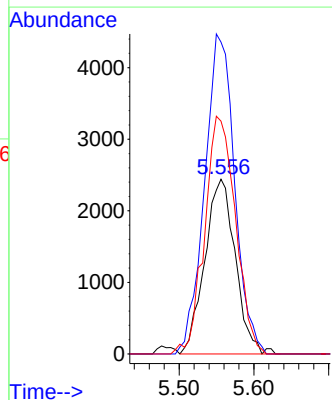
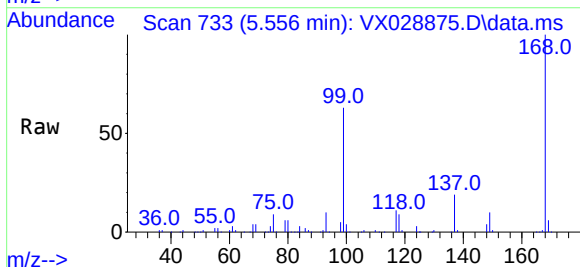
Tgt Ion: 56 Resp: 6930

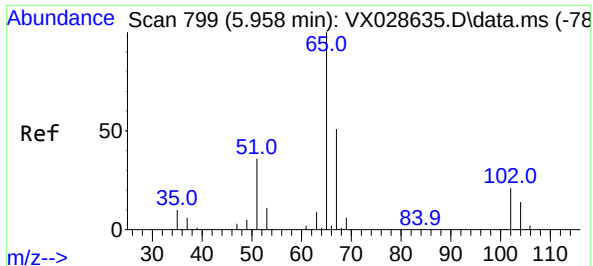
Ion Ratio Lower Upper

56 100

69 178.5 26.7 40.1#

84 133.3 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 51.955 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028875.D

Acq: 21 May 2022 01:51

Instrument :

MSVOA_X

ClientSampleId :

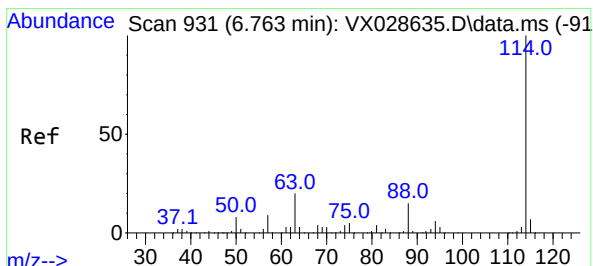
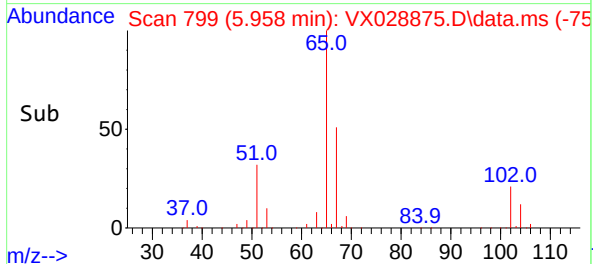
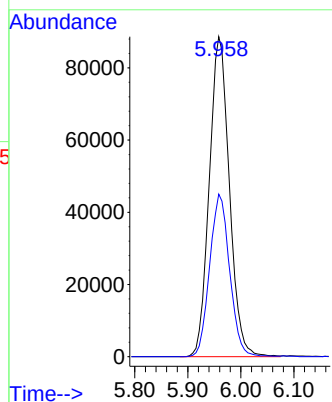
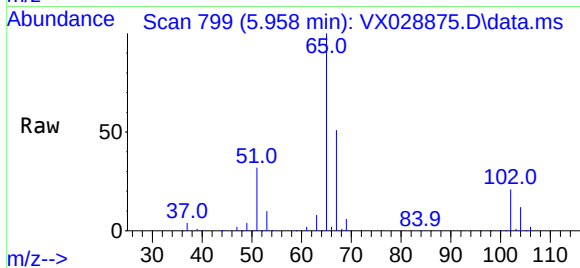
RB02-20220519

Tgt Ion: 65 Resp: 233011

Ion Ratio Lower Upper

65 100

67 50.5 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: VX028875.D

Acq: 21 May 2022 01:51

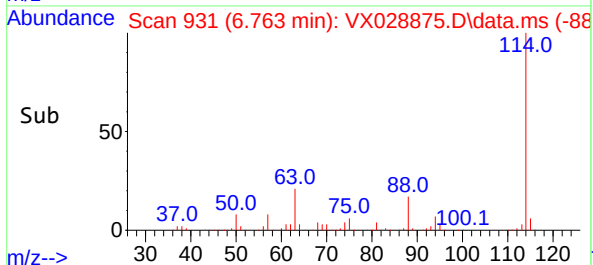
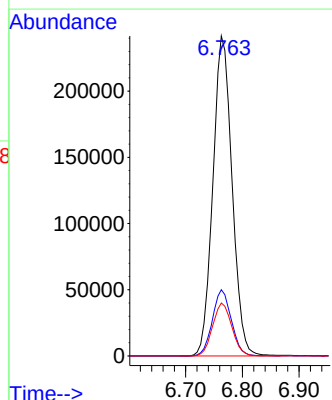
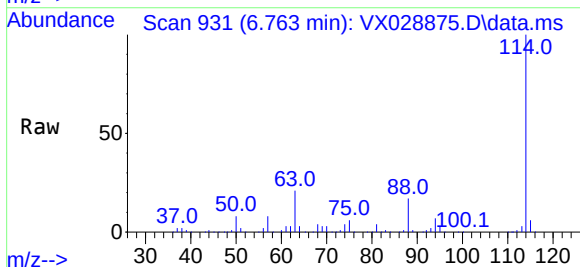
Tgt Ion: 114 Resp: 567745

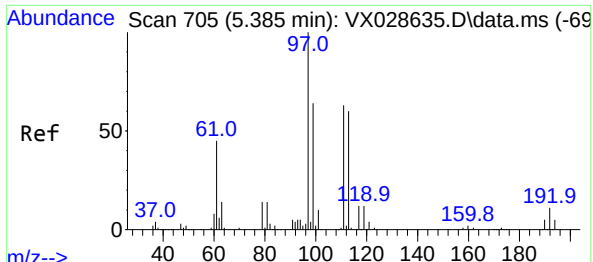
Ion Ratio Lower Upper

114 100

63 20.7 0.0 36.8

88 16.5 0.0 32.4

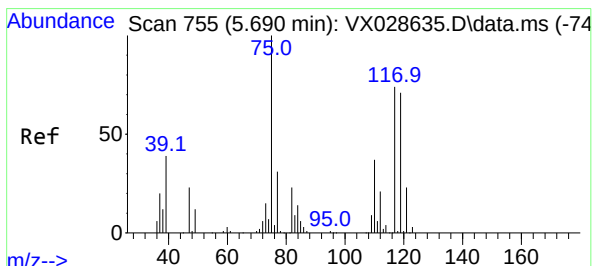
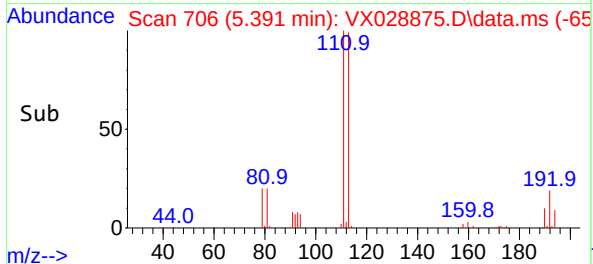
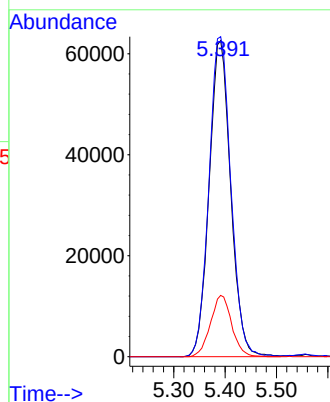
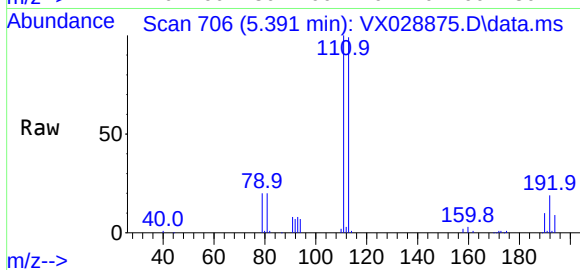




#35
Dibromofluoromethane
Concen: 48.895 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028875.D
Acq: 21 May 2022 01:51

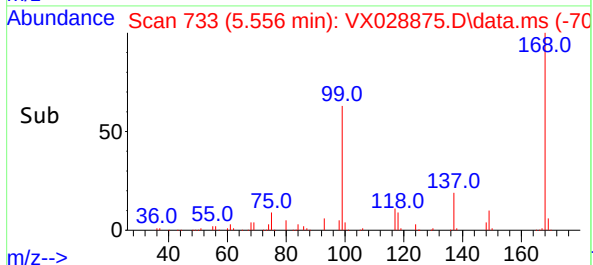
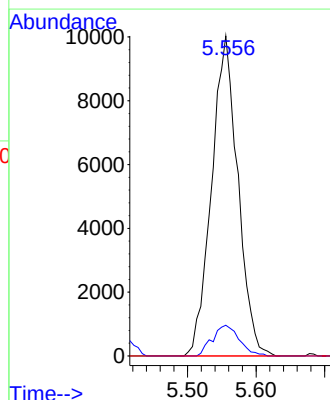
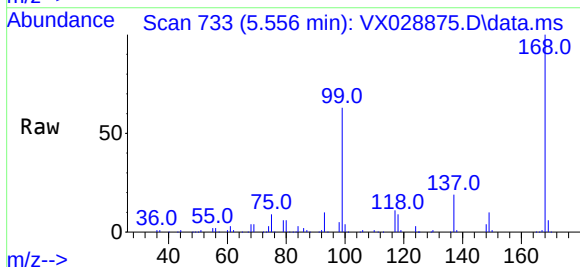
Instrument :
MSVOA_X
ClientSampleId :
RB02-20220519

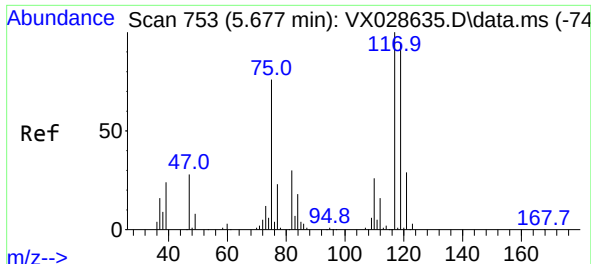
Tgt Ion:113 Resp: 181880
Ion Ratio Lower Upper
113 100
111 103.4 82.8 124.2
192 19.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.785 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX028875.D
Acq: 21 May 2022 01:51

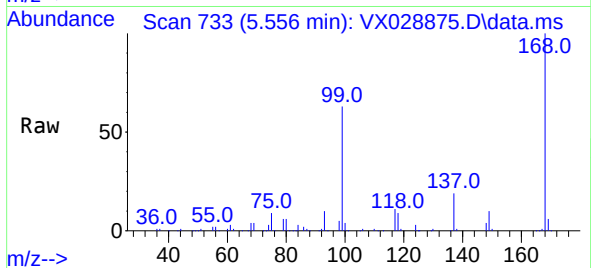
Tgt Ion: 75 Resp: 26736
Ion Ratio Lower Upper
75 100
110 9.9 18.3 54.8#
77 0.0 24.8 37.2#



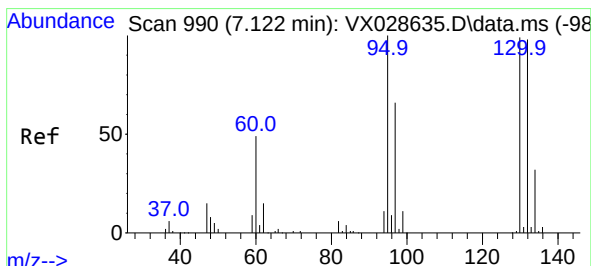
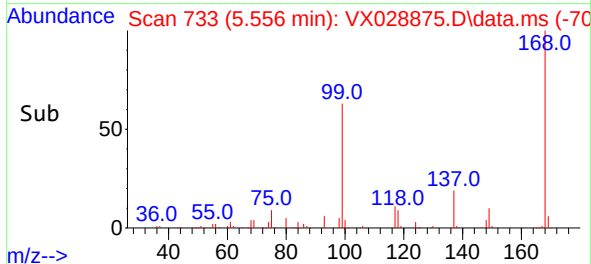
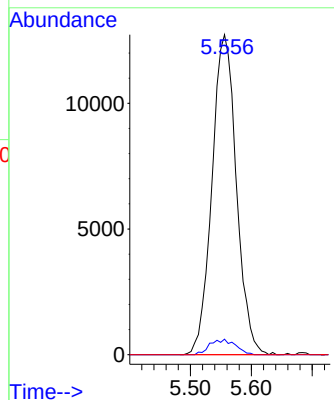


#38
Carbon Tetrachloride
Concen: 6.303 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.121 min
Lab File: VX028875.D
Acq: 21 May 2022 01:51

Instrument :
MSVOA_X
ClientSampleId :
RB02-20220519

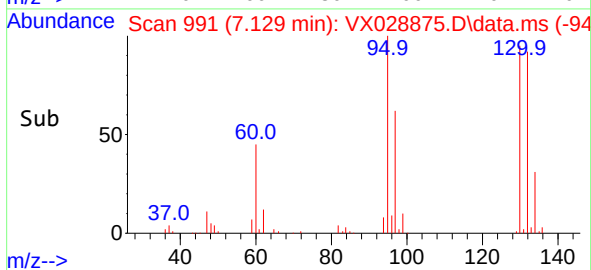
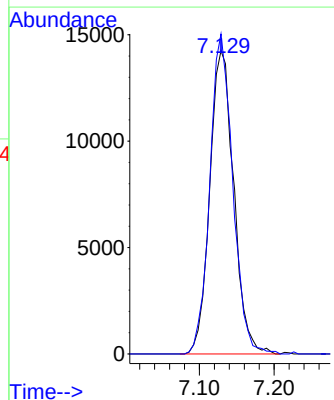
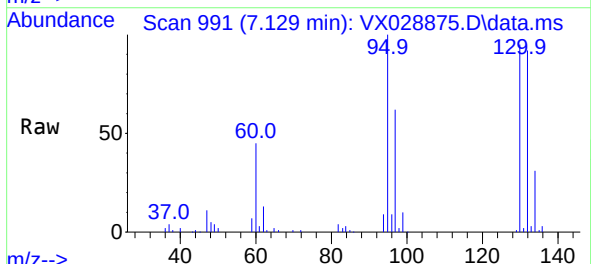


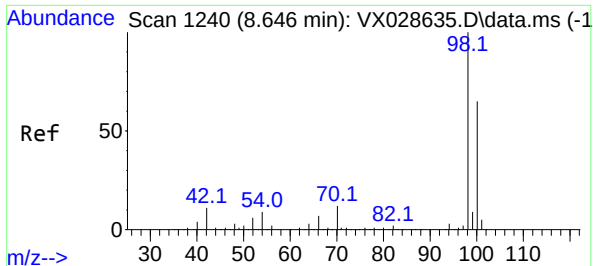
Tgt Ion:117 Resp: 35441
Ion Ratio Lower Upper
117 100
119 4.9 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 7.283 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX028875.D
Acq: 21 May 2022 01:51

Tgt Ion:130 Resp: 31716
Ion Ratio Lower Upper
130 100
95 105.5 0.0 188.8

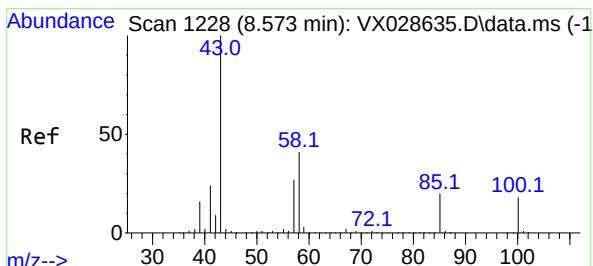
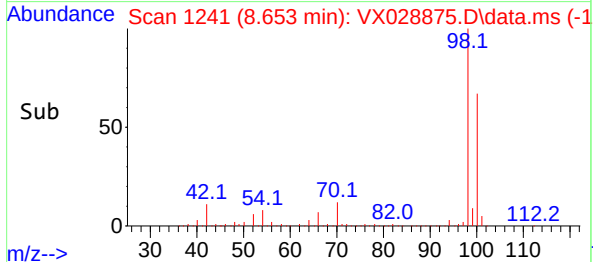
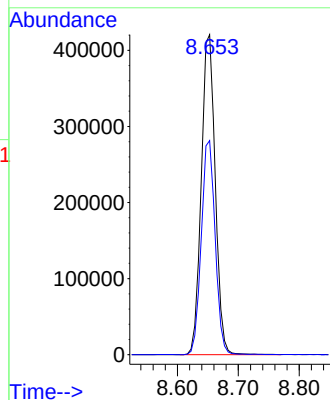
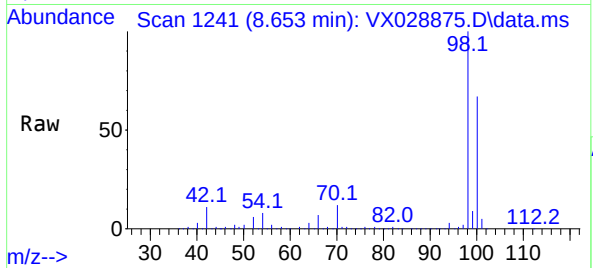




#50
Toluene-d8
Concen: 47.838 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028875.D
Acq: 21 May 2022 01:51

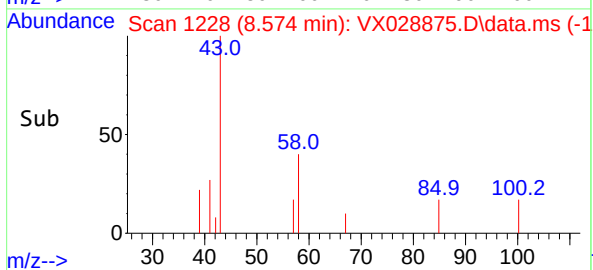
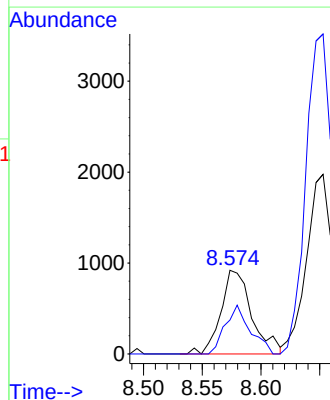
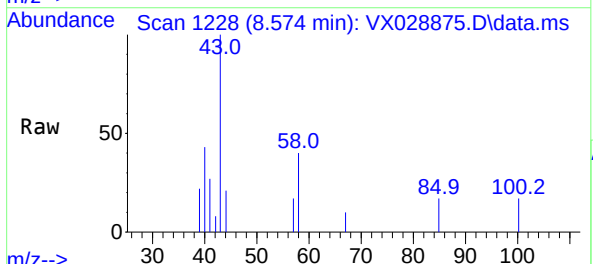
Instrument :
MSVOA_X
ClientSampleId :
RB02-20220519

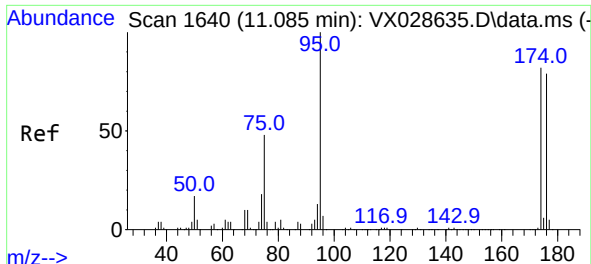
Tgt Ion: 98 Resp: 670891
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.280 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX028875.D
Acq: 21 May 2022 01:51

Tgt Ion: 43 Resp: 1683
Ion Ratio Lower Upper
43 100
58 47.2 36.1 54.1

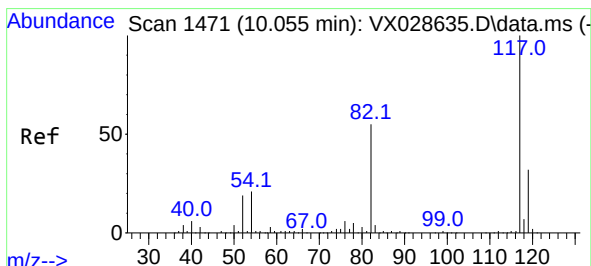
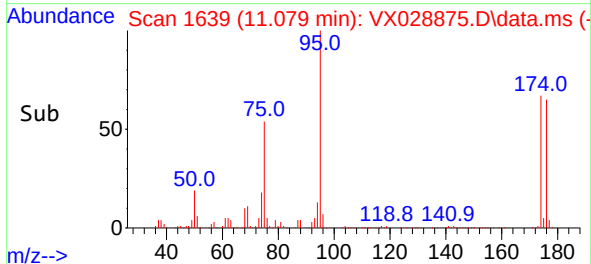
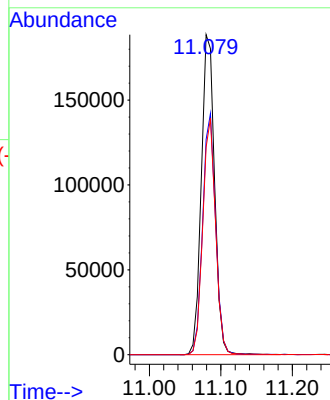
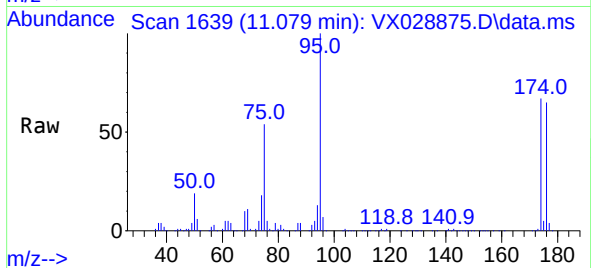




#62
4-Bromofluorobenzene
Concen: 46.367 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028875.D
Acq: 21 May 2022 01:51

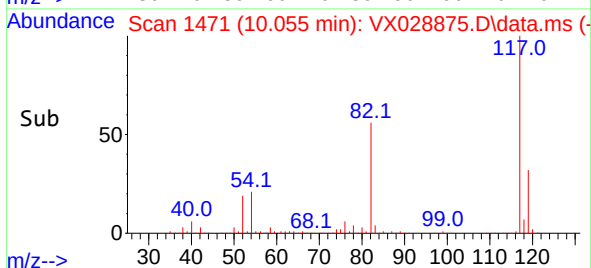
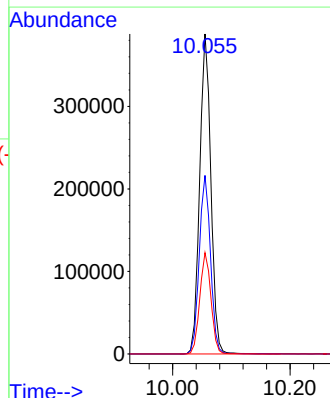
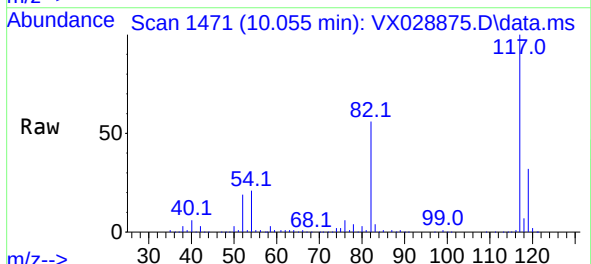
Instrument :
MSVOA_X
ClientSampleId :
RB02-20220519

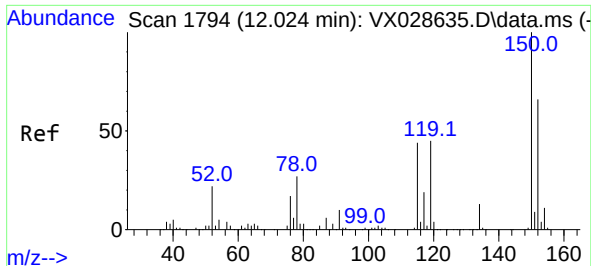
Tgt Ion: 95 Resp: 242879
Ion Ratio Lower Upper
95 100
174 73.6 0.0 163.0
176 71.4 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028875.D
Acq: 21 May 2022 01:51

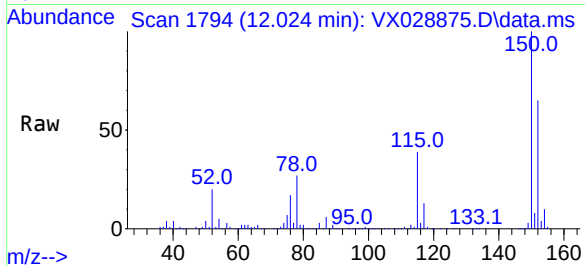
Tgt Ion: 117 Resp: 511825
Ion Ratio Lower Upper
117 100
82 55.8 41.8 62.8
119 31.7 24.8 37.2



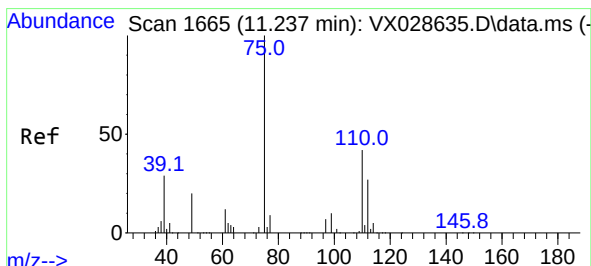
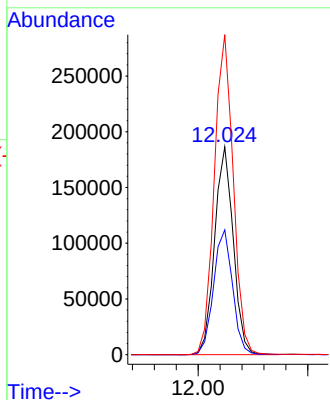
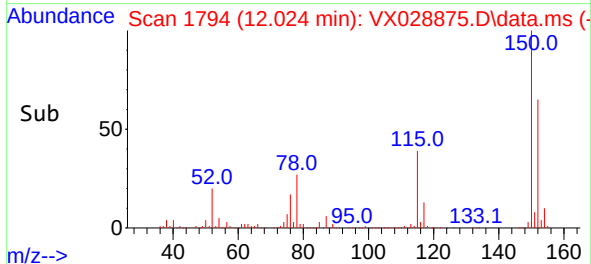


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028875.D
Acq: 21 May 2022 01:51

Instrument :
MSVOA_X
ClientSampleId :
RB02-20220519

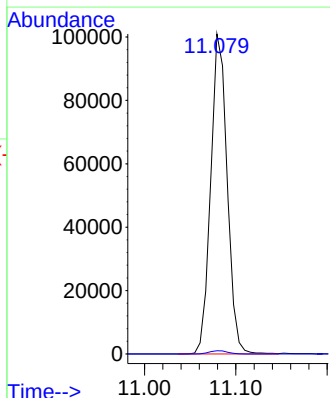
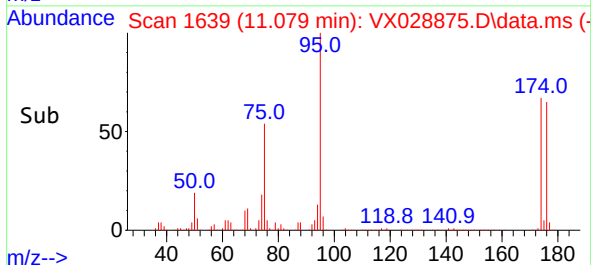
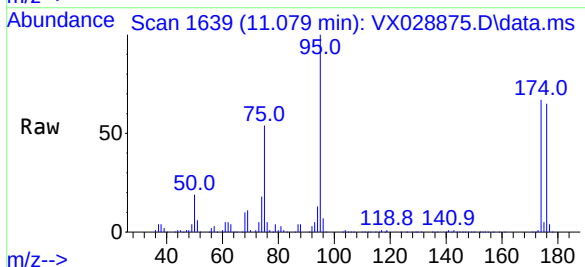


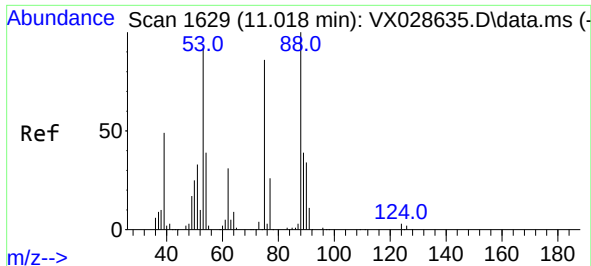
Tgt Ion:152 Resp: 220790
Ion Ratio Lower Upper
152 100
115 61.4 37.5 112.7
150 156.7 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 24.413 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028875.D
Acq: 21 May 2022 01:51

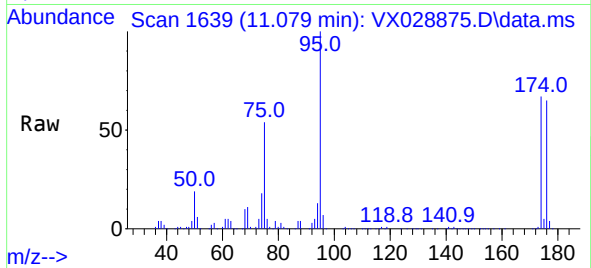
Tgt Ion: 75 Resp: 126230
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.062 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX028875.D
 Acq: 21 May 2022 01:51

Instrument :
 MSVOA_X
 ClientSampleId :
 RB02-20220519



Tgt Ion: 75 Resp: 126230
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

