

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102523\
 Data File : VX038510.D
 Acq On : 26 Oct 2023 09:49
 Operator : JC/MD
 Sample : 05065-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 26 13:38:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

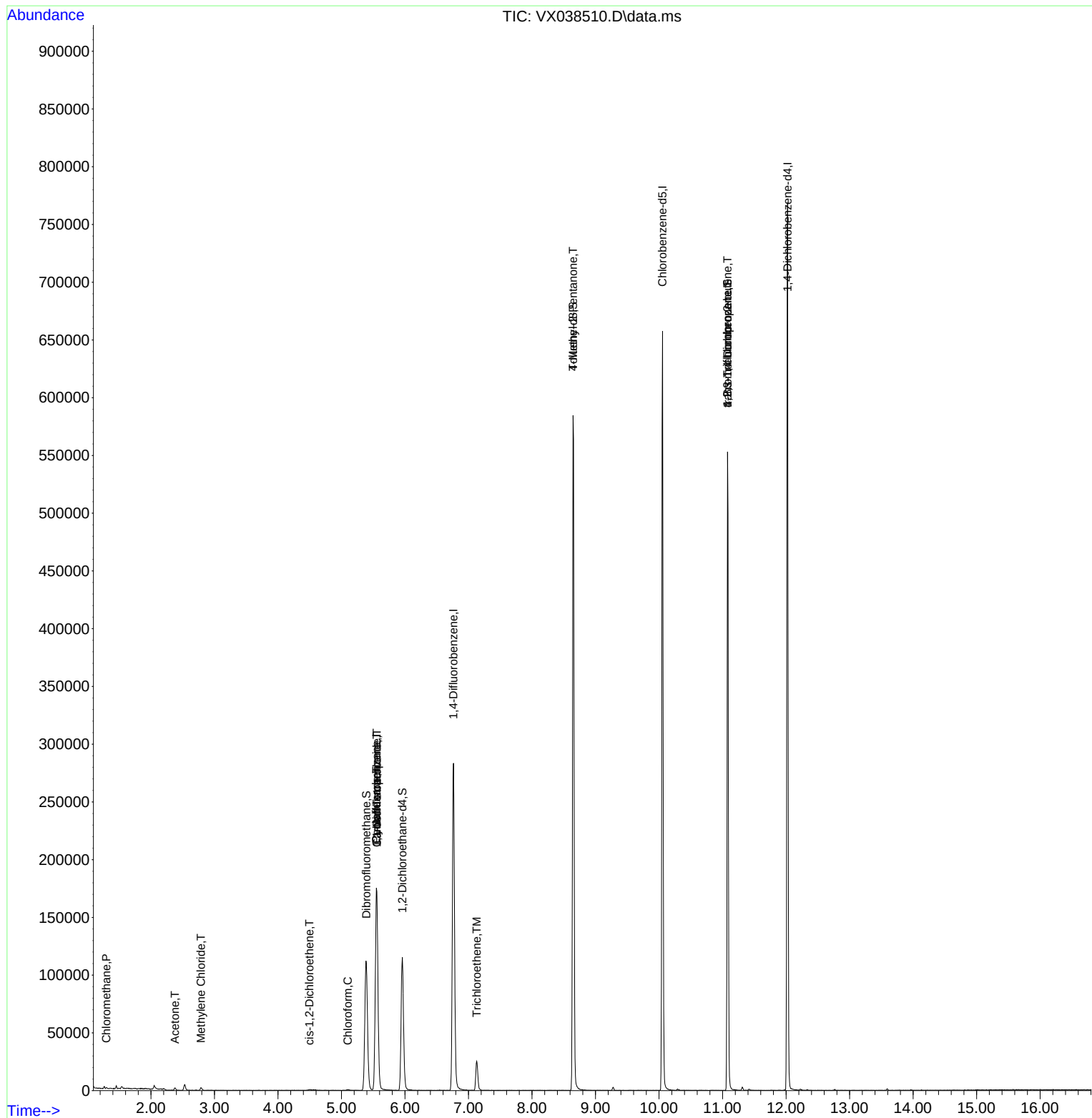
Internal Standards						
1) Pentafluorobenzene	5.550	168	174505	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	301459	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	308989	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	170470	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	111264	39.641	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	79.280%
35) Dibromofluoromethane	5.391	113	99205	45.670	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.340%
50) Toluene-d8	8.647	98	366281	44.127	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.260%#
62) 4-Bromofluorobenzene	11.079	95	143666	45.654	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.300%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	1066	0.621	ug/l	99
5) Bromomethane	1.605	94	19	Below Cal		85
6) Chloroethane	1.685	64	115	Below Cal	#	43
11) Tert butyl alcohol	2.959	59	150	Below Cal	#	78
16) Acetone	2.380	43	2298	1.962	ug/l #	87
20) Methylene Chloride	2.788	84	1182	0.536	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	580	0.246	ug/l	63
30) Chloroform	5.099	83	913	0.230	ug/l #	81
31) Cyclohexane	5.550	56	3489	1.147	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	12368	4.129	ug/l #	51
38) Carbon Tetrachloride	5.556	117	17388	5.901	ug/l #	14
44) Trichloroethene	7.129	130	10527	4.804	ug/l	96
51) 4-Methyl-2-Pentanone	8.647	43	1367	0.373	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	74595	19.248	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	74595	55.703	ug/l #	5

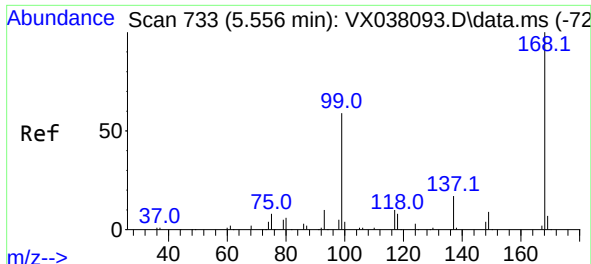
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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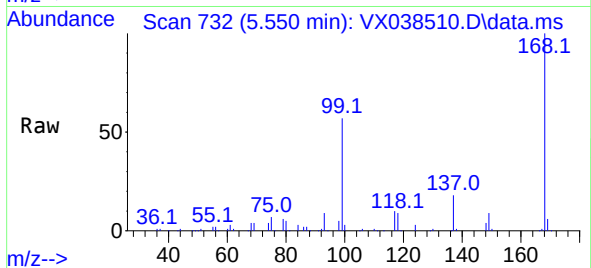
Quant Time: Oct 26 13:38:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



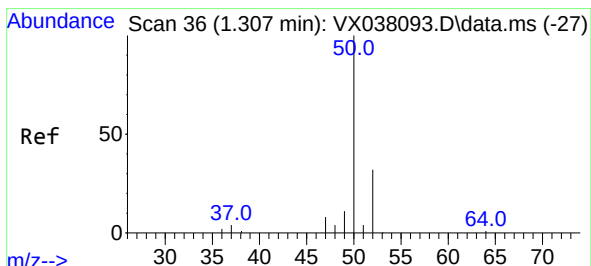
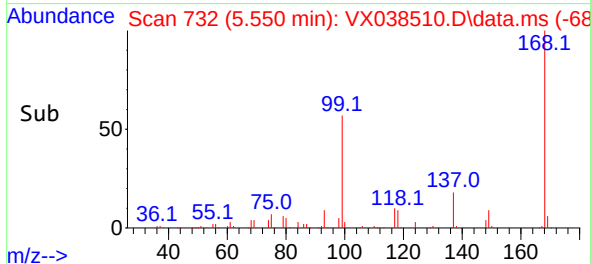
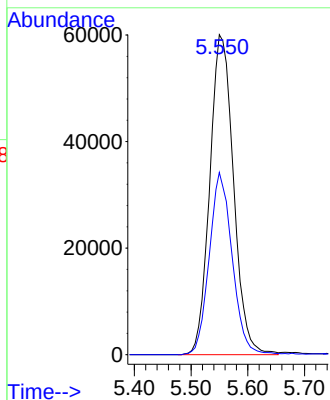


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038510.D
Acq: 26 Oct 2023 09:49

Instrument :
MSVOA_X
ClientSampleId :

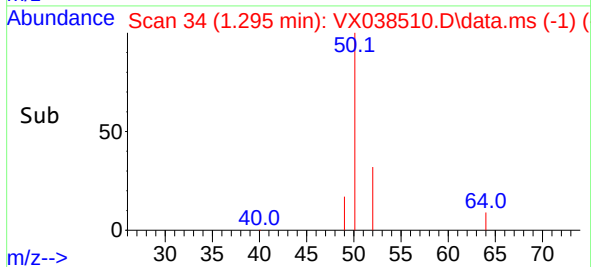
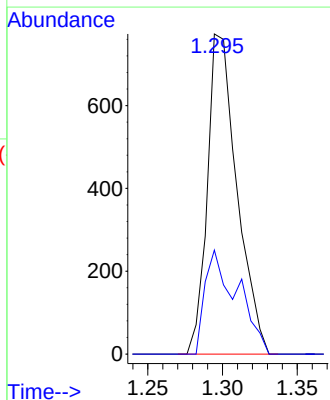
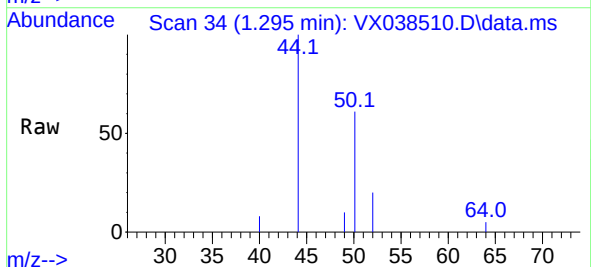


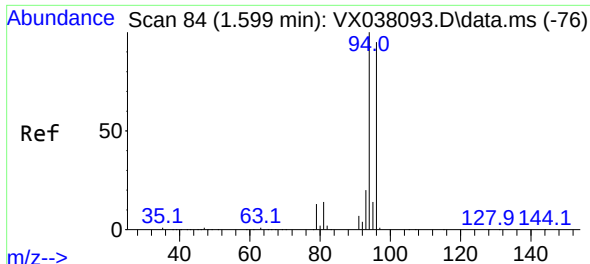
Tgt Ion:168 Resp: 174505
Ion Ratio Lower Upper
168 100
99 56.9 56.6 85.0



#3
Chloromethane
Concen: 0.621 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX038510.D
Acq: 26 Oct 2023 09:49

Tgt Ion: 50 Resp: 1066
Ion Ratio Lower Upper
50 100
52 32.5 25.5 38.3

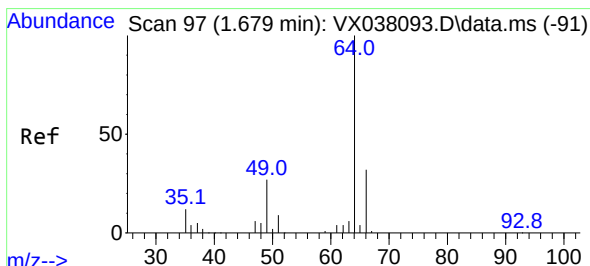
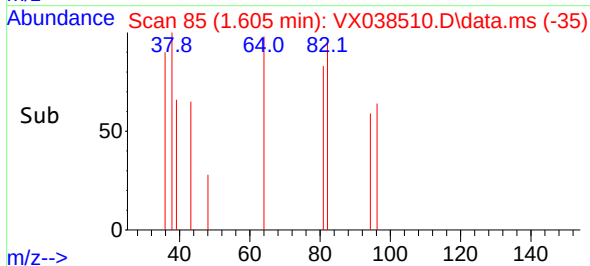
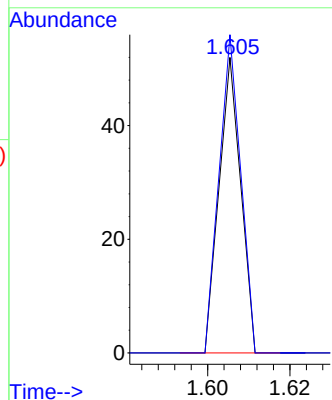
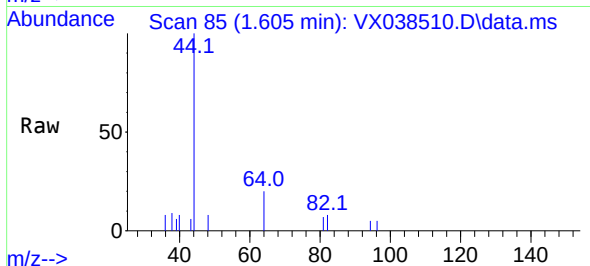




#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX038510.D
Acq: 26 Oct 2023 09:49

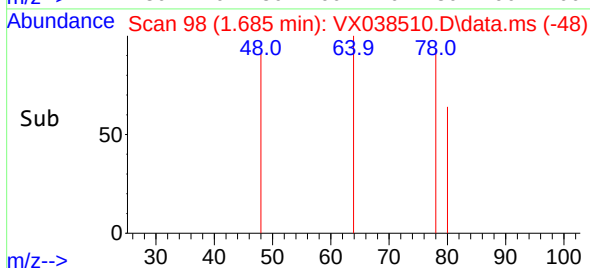
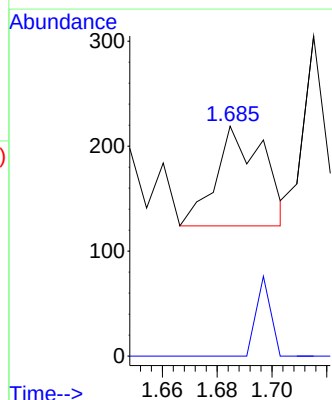
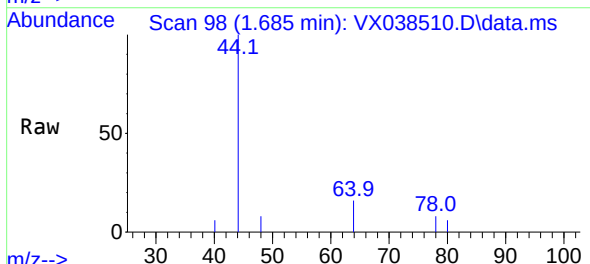
Instrument :
MSVOA_X
ClientSampleId :

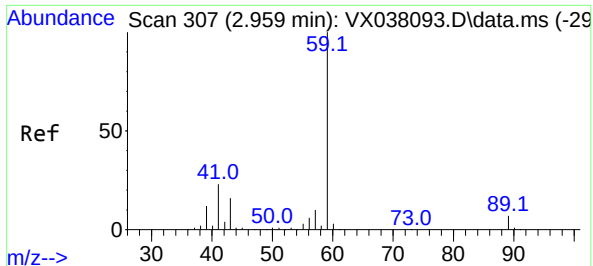
Tgt Ion: 94 Resp: 19
Ion Ratio Lower Upper
94 100
96 107.7 74.6 111.8



#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX038510.D
Acq: 26 Oct 2023 09:49

Tgt Ion: 64 Resp: 115
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.959 min Scan# 307

Delta R.T. -0.000 min

Lab File: VX038510.D

Acq: 26 Oct 2023 09:49

Instrument :

MSVOA_X

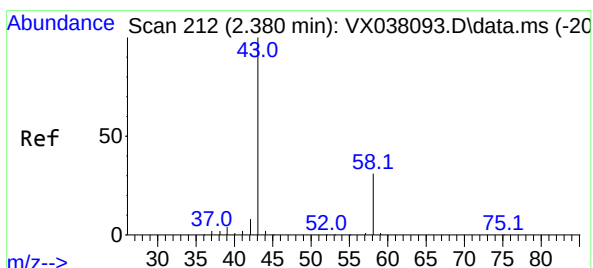
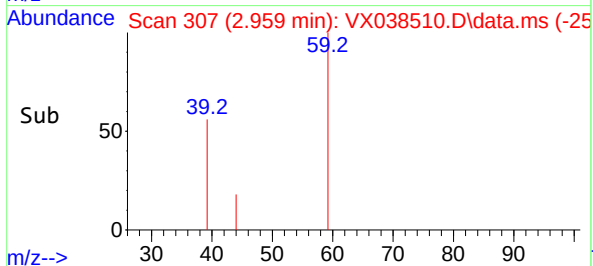
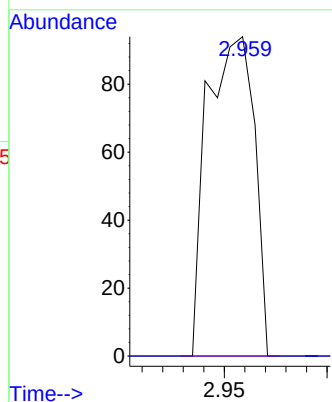
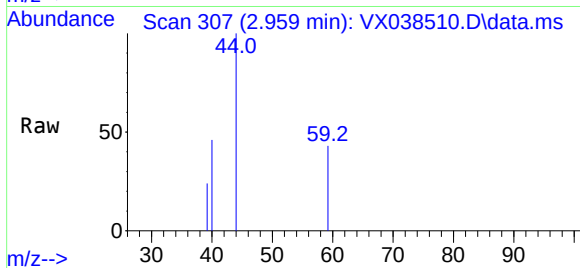
ClientSampleId :

Tgt Ion: 59 Resp: 150

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 1.962 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX038510.D

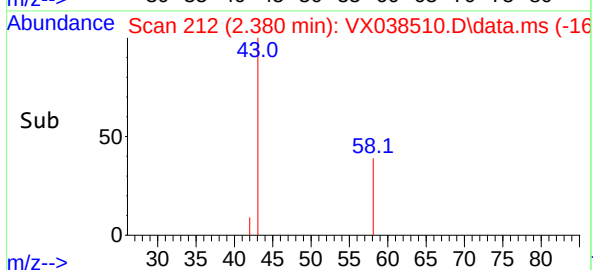
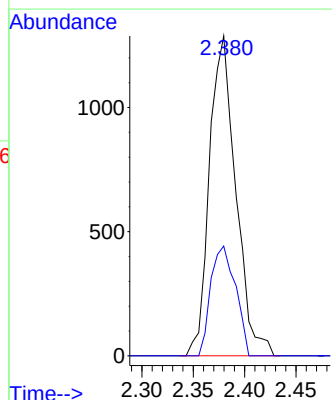
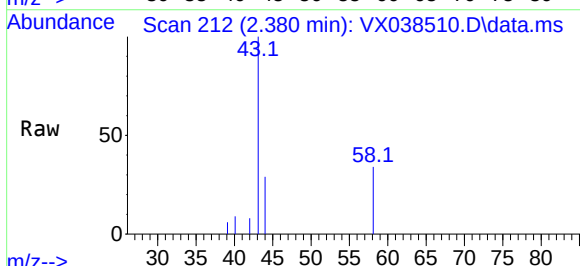
Acq: 26 Oct 2023 09:49

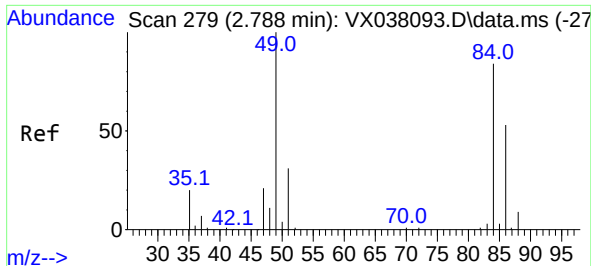
Tgt Ion: 43 Resp: 2298

Ion Ratio Lower Upper

43 100

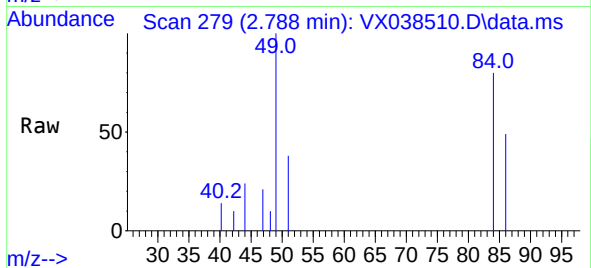
58 34.3 21.9 32.9#





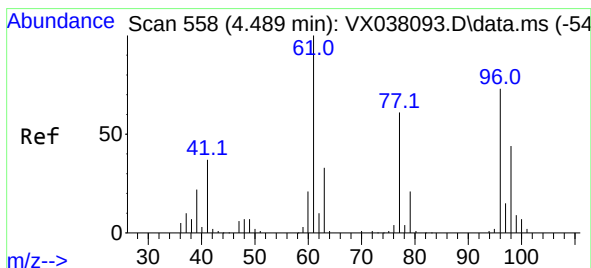
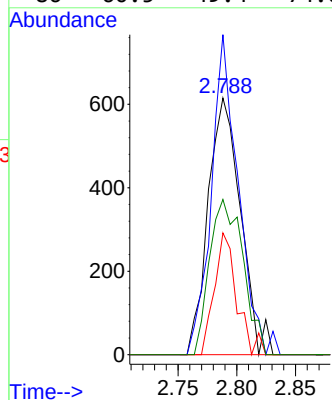
#20
Methylene Chloride
Concen: 0.536 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038510.D
Acq: 26 Oct 2023 09:49

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 1182

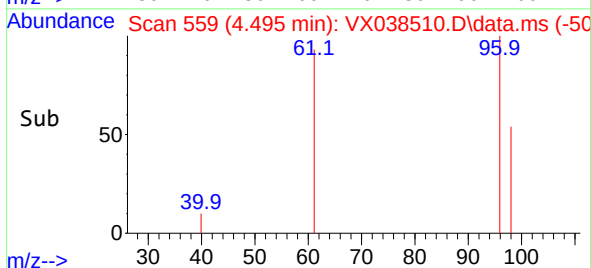
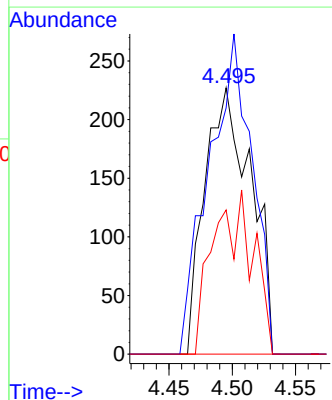
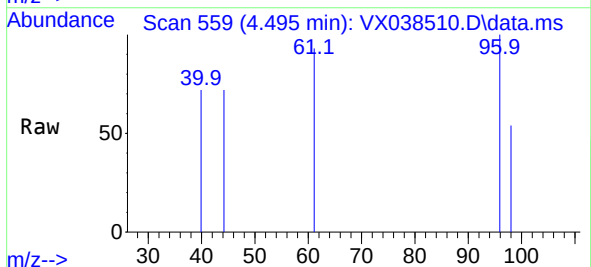
Ion	Ratio	Lower	Upper
84	100		
49	124.7	103.6	155.4
51	47.5	33.8	50.6
86	60.5	49.4	74.0

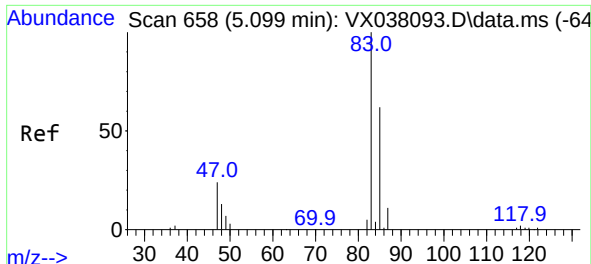


#27
cis-1,2-Dichloroethene
Concen: 0.246 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX038510.D
Acq: 26 Oct 2023 09:49

Tgt Ion: 96 Resp: 580

Ion	Ratio	Lower	Upper
96	100		
61	111.6	0.0	312.2
98	30.3	0.0	129.0





#30

Chloroform

Concen: 0.230 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX038510.D

Acq: 26 Oct 2023 09:49

Instrument :

MSVOA_X

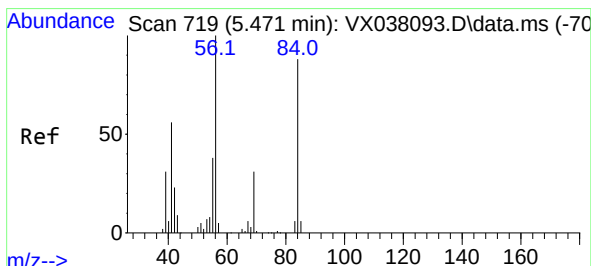
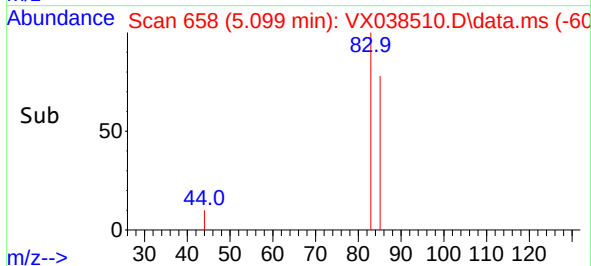
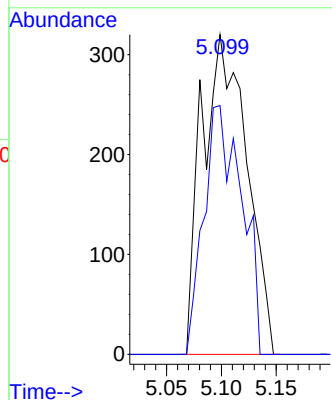
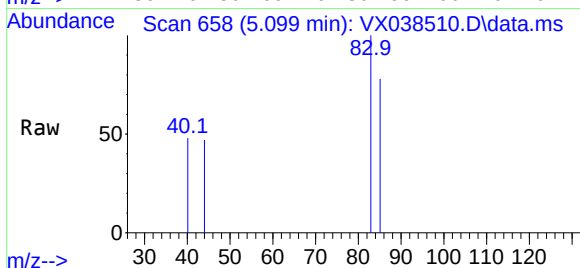
ClientSampleId :

Tgt Ion: 83 Resp: 913

Ion Ratio Lower Upper

83 100

85 77.8 50.3 75.5#



#31

Cyclohexane

Concen: 1.147 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX038510.D

Acq: 26 Oct 2023 09:49

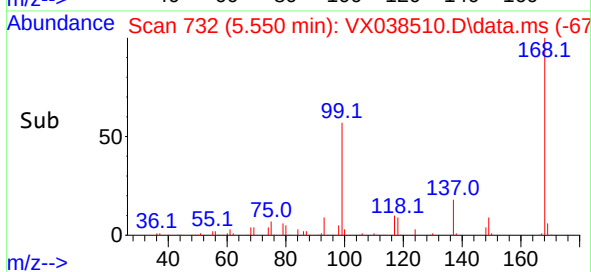
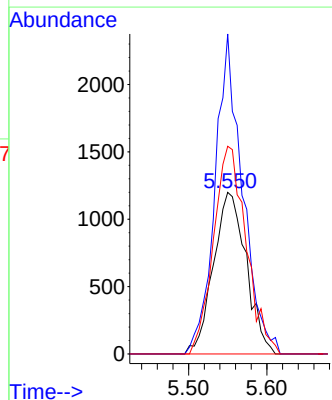
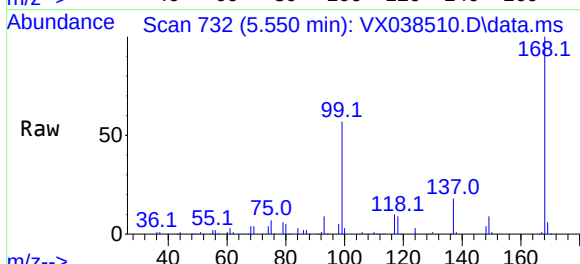
Tgt Ion: 56 Resp: 3489

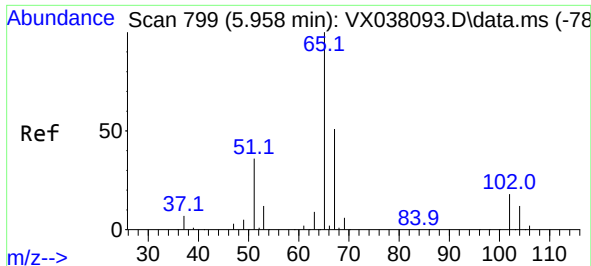
Ion Ratio Lower Upper

56 100

69 198.1 23.4 35.2#

84 128.6 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 39.641 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038510.D

Acq: 26 Oct 2023 09:49

Instrument :

MSVOA_X

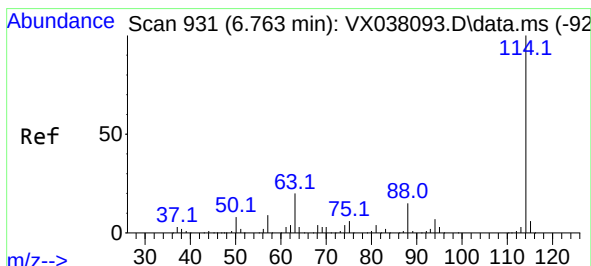
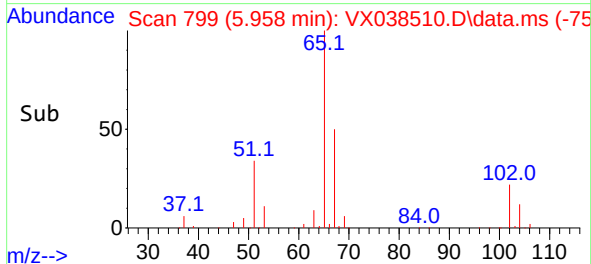
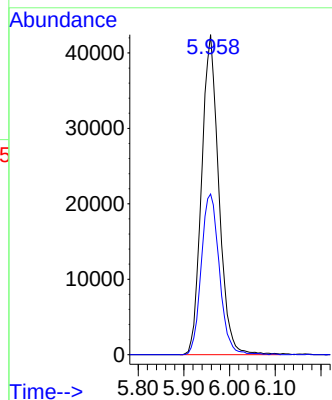
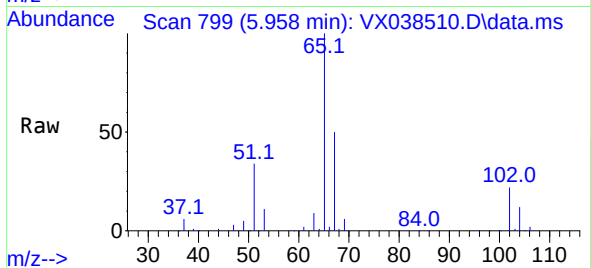
ClientSampleId :

Tgt Ion: 65 Resp: 111264

Ion Ratio Lower Upper

65 100

67 52.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038510.D

Acq: 26 Oct 2023 09:49

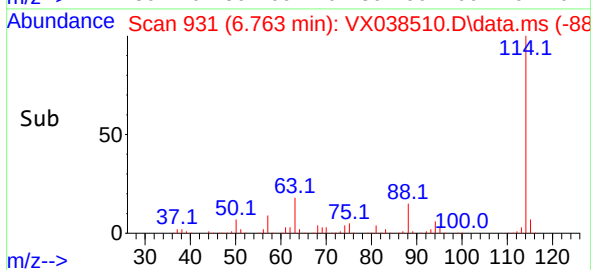
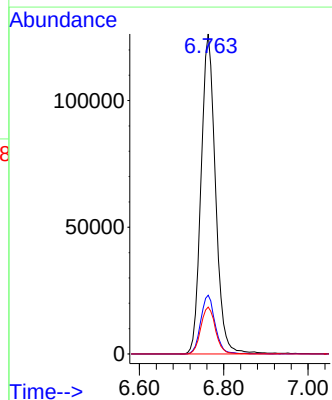
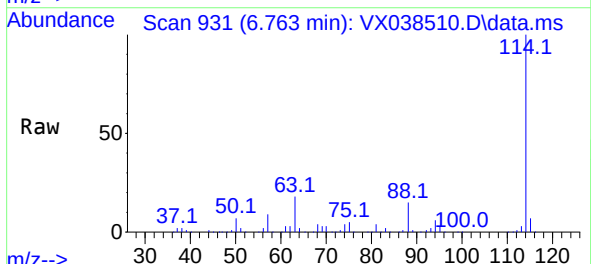
Tgt Ion: 114 Resp: 301459

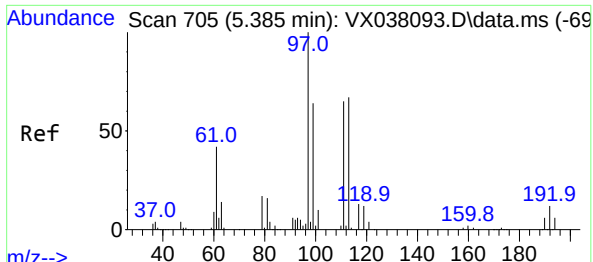
Ion Ratio Lower Upper

114 100

63 18.4 0.0 45.0

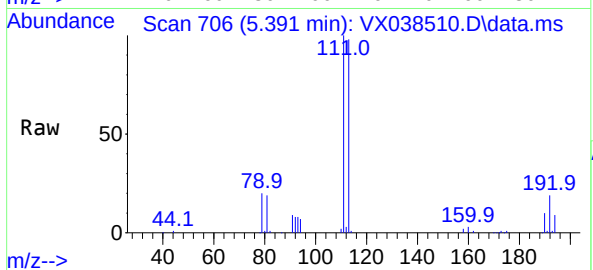
88 14.6 0.0 36.6



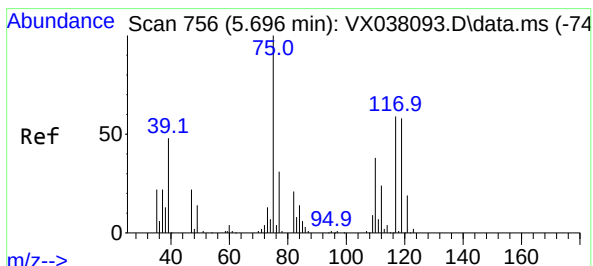
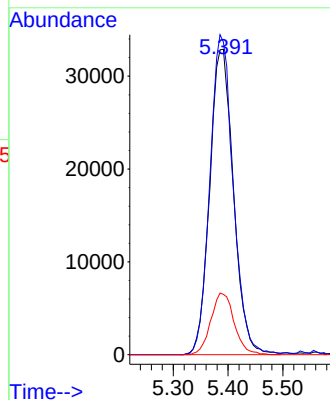
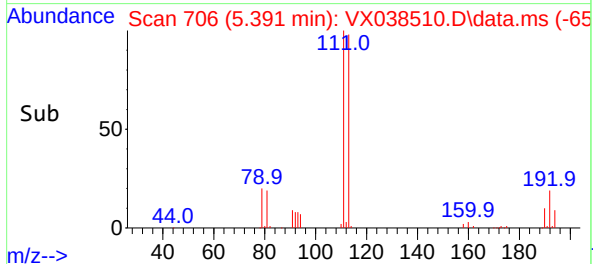


#35
Dibromofluoromethane
Concen: 45.670 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX038510.D
Acq: 26 Oct 2023 09:49

Instrument :
MSVOA_X
ClientSampleId :

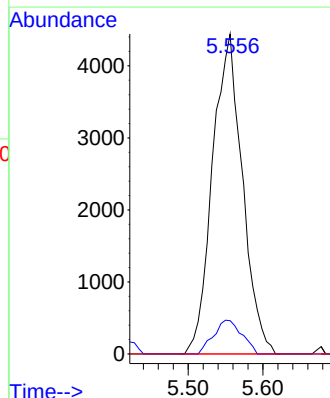
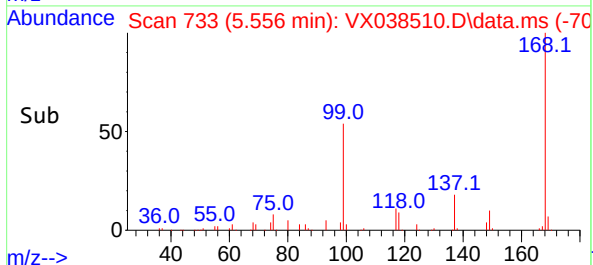
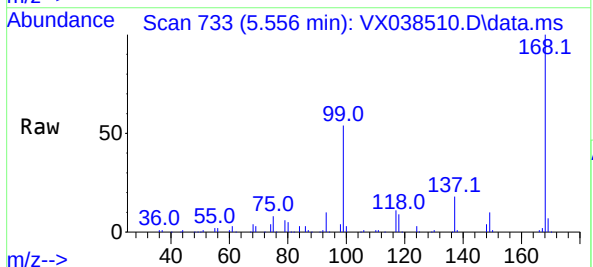


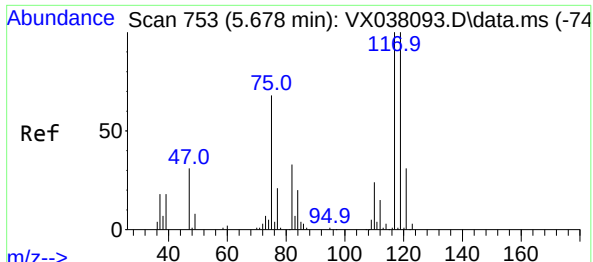
Tgt Ion:113 Resp: 99205
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 19.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.129 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX038510.D
Acq: 26 Oct 2023 09:49

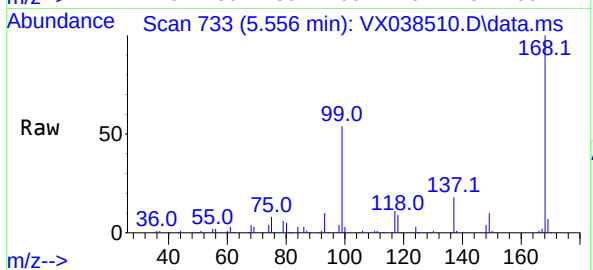
Tgt Ion: 75 Resp: 12368
Ion Ratio Lower Upper
75 100
110 9.9 17.0 50.9#
77 0.0 24.7 37.1#



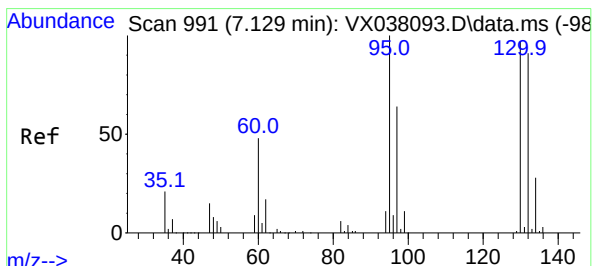
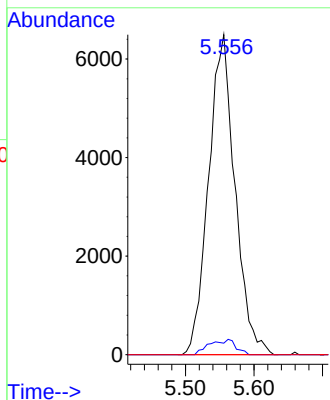
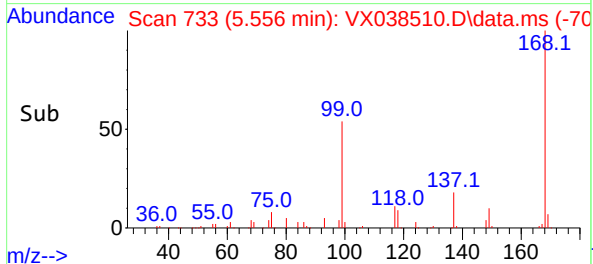


#38
Carbon Tetrachloride
Concen: 5.901 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX038510.D
Acq: 26 Oct 2023 09:49

Instrument :
MSVOA_X
ClientSampleId :

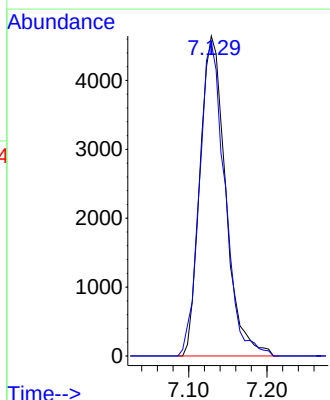
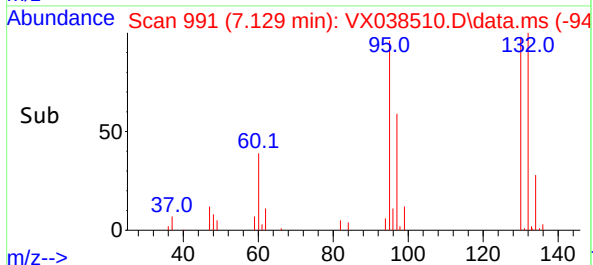
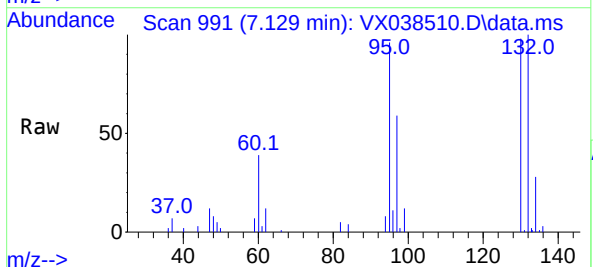


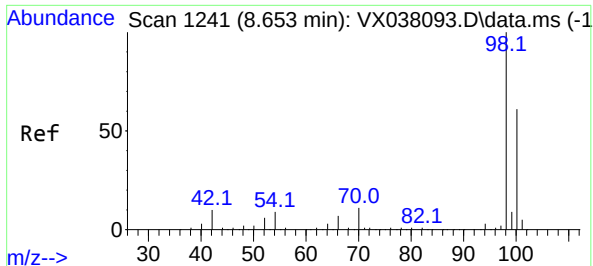
Tgt Ion:117 Resp: 17388
Ion Ratio Lower Upper
117 100
119 3.6 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 4.804 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038510.D
Acq: 26 Oct 2023 09:49

Tgt Ion:130 Resp: 10527
Ion Ratio Lower Upper
130 100
95 97.8 0.0 204.4

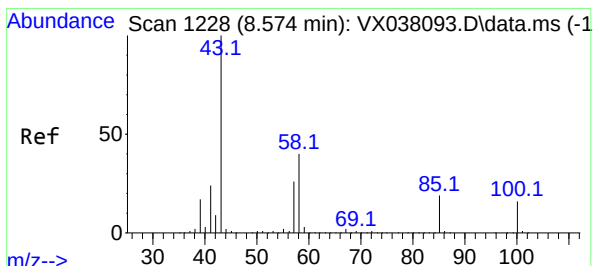
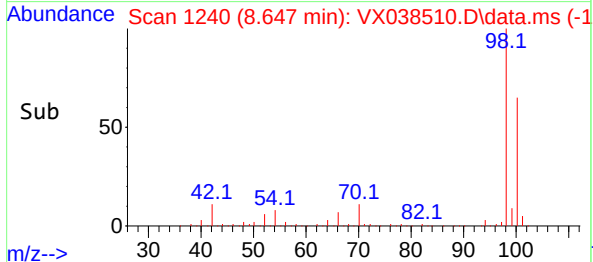
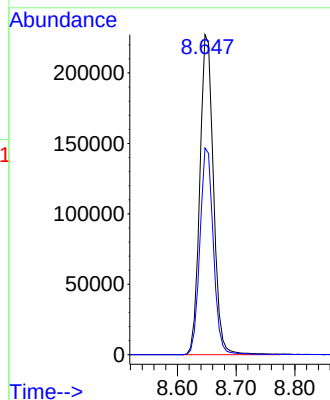
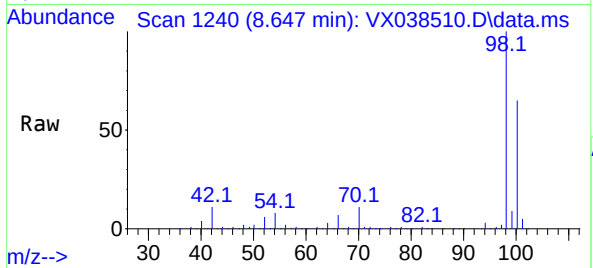




#50
Toluene-d8
Concen: 44.127 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038510.D
Acq: 26 Oct 2023 09:49

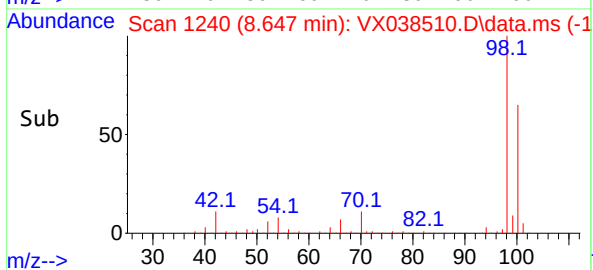
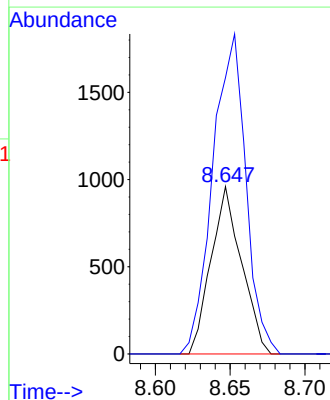
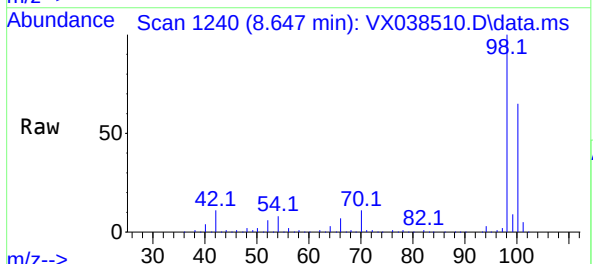
Instrument :
MSVOA_X
ClientSampleId :

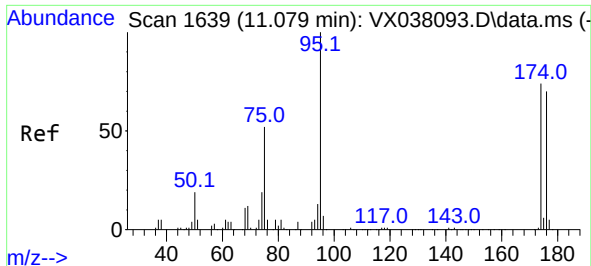
Tgt Ion: 98 Resp: 366281
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.373 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038510.D
Acq: 26 Oct 2023 09:49

Tgt Ion: 43 Resp: 1367
Ion Ratio Lower Upper
43 100
58 206.4 30.4 45.6#

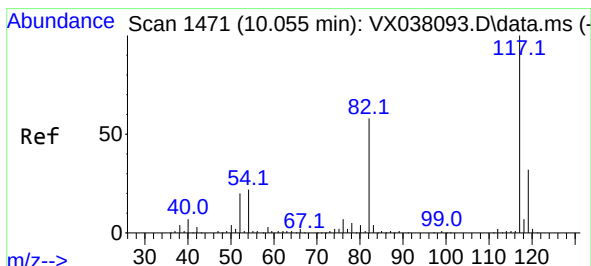
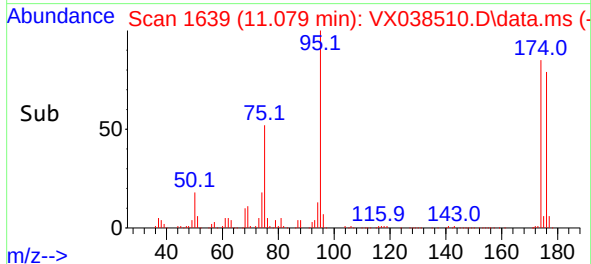
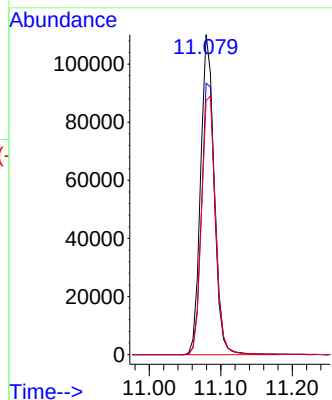
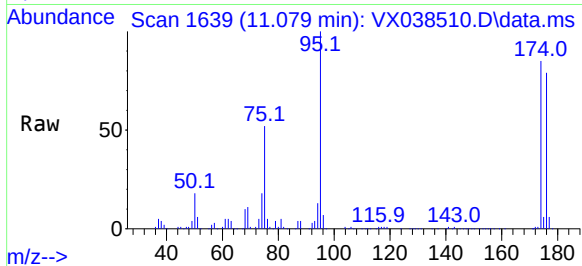




#62
4-Bromofluorobenzene
Concen: 45.654 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038510.D
Acq: 26 Oct 2023 09:49

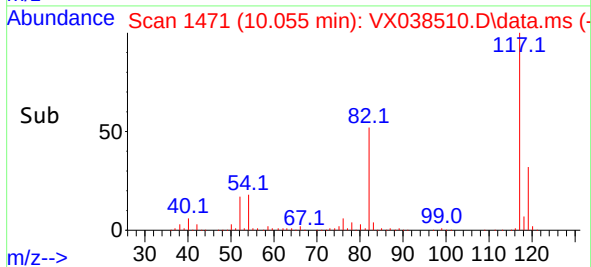
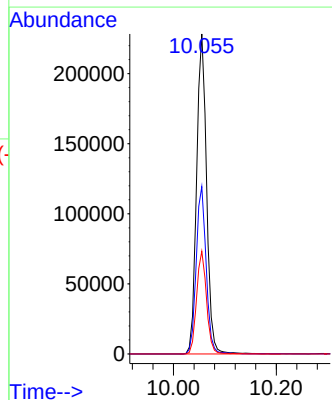
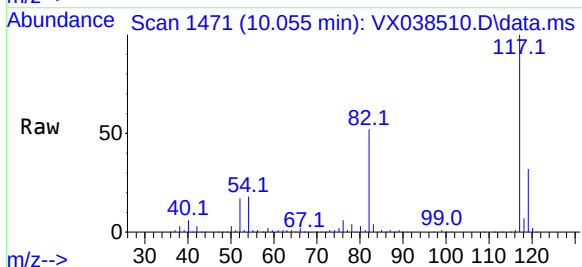
Instrument :
MSVOA_X
ClientSampleId :

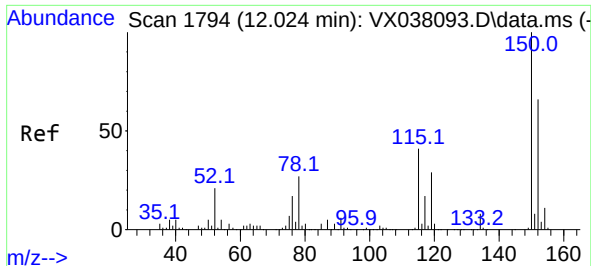
Tgt Ion: 95 Resp: 143666
Ion Ratio Lower Upper
95 100
174 87.6 0.0 135.6
176 83.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038510.D
Acq: 26 Oct 2023 09:49

Tgt Ion: 117 Resp: 308989
Ion Ratio Lower Upper
117 100
82 52.3 46.2 69.4
119 32.1 25.5 38.3

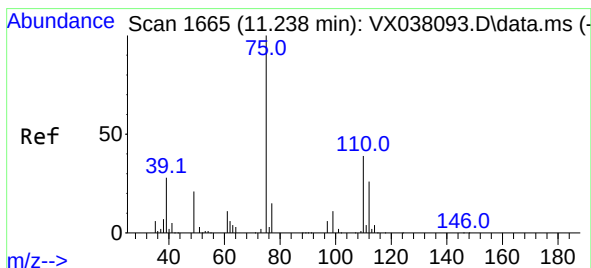
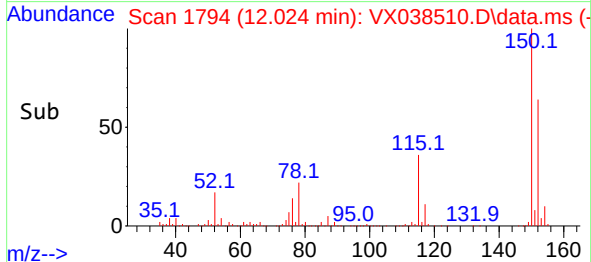
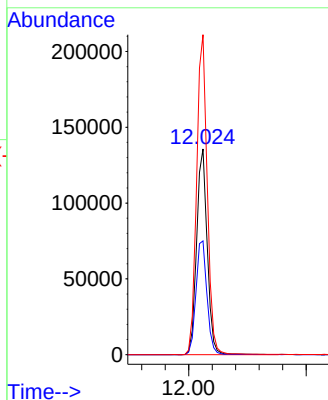
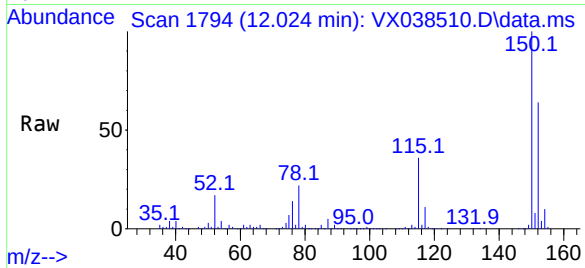




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038510.D
Acq: 26 Oct 2023 09:49

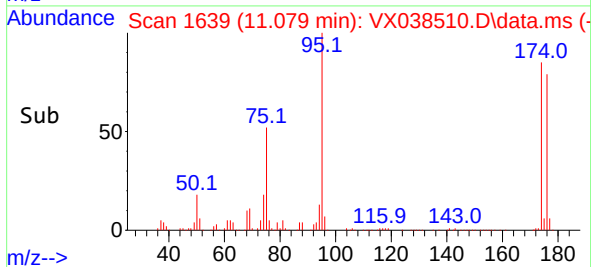
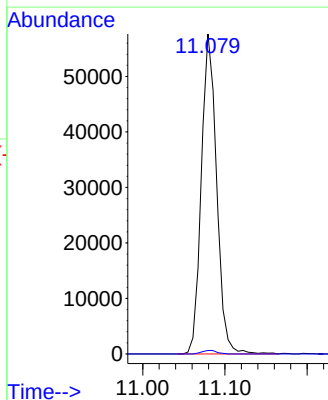
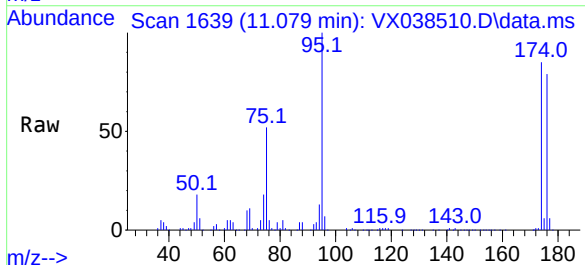
Instrument :
MSVOA_X
ClientSampleId :

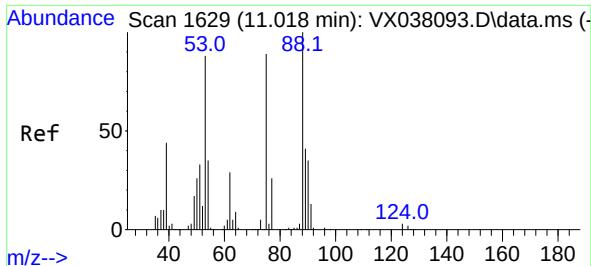
Tgt Ion:152 Resp: 170470
Ion Ratio Lower Upper
152 100
115 57.6 43.3 129.9
150 156.0 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 19.248 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038510.D
Acq: 26 Oct 2023 09:49

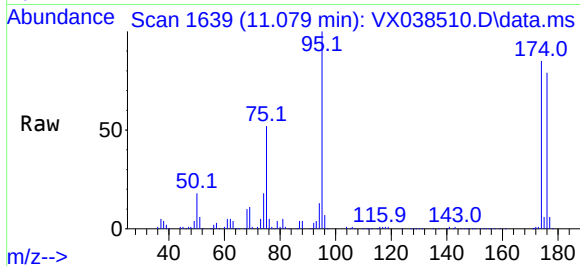
Tgt Ion: 75 Resp: 74595
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.703 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038510.D
 Acq: 26 Oct 2023 09:49

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 74595
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

