

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111323\
 Data File : VX038775.D
 Acq On : 13 Nov 2023 12:50
 Operator : JC/MD
 Sample : 05357-02RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 14 05:31:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

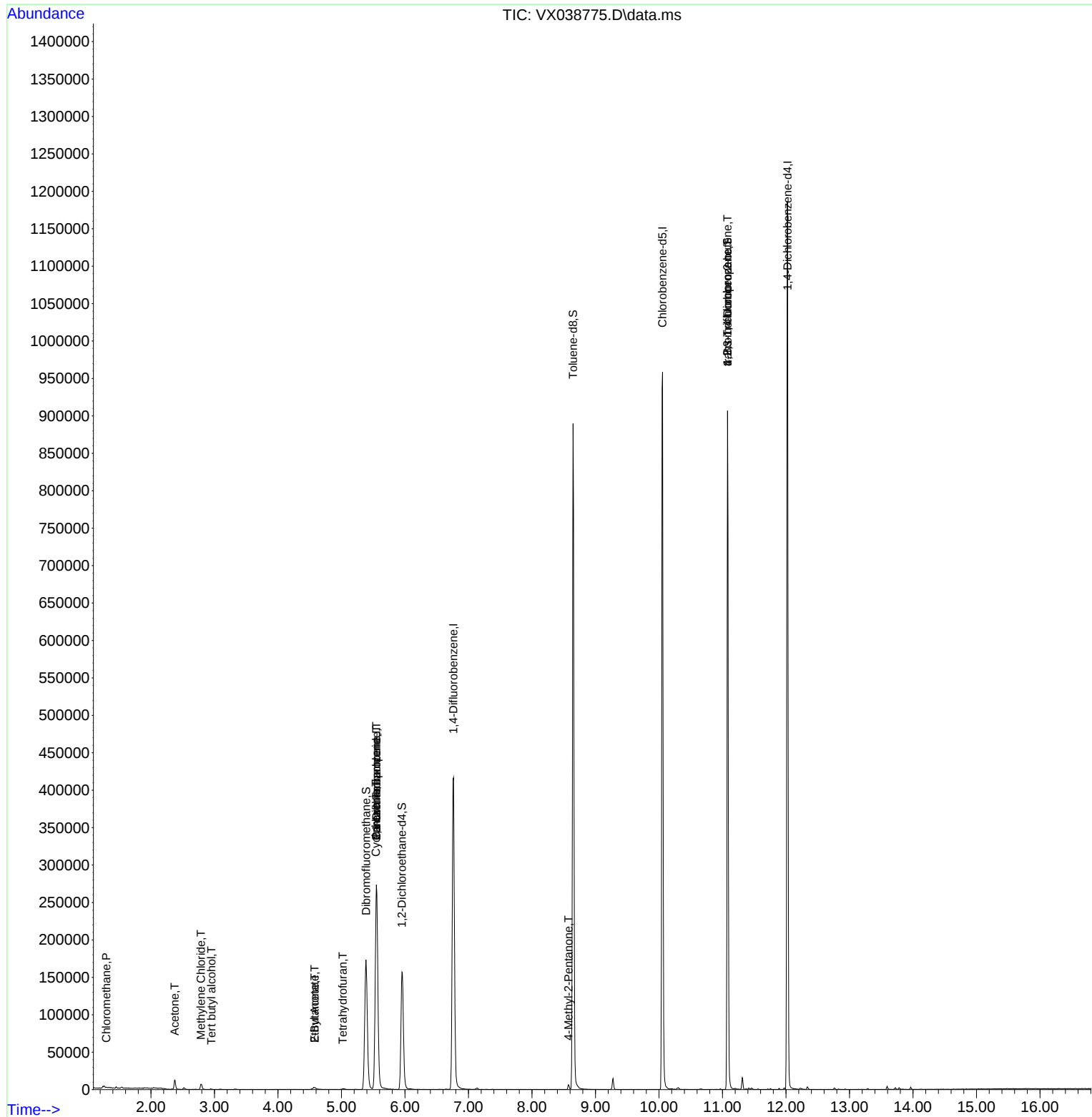
Internal Standards						
1) Pentafluorobenzene	5.550	168	282415	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	470811	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	495072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	287895	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	162792	46.301	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.600%		
35) Dibromofluoromethane	5.385	113	153828	45.365	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.720%		
50) Toluene-d8	8.647	98	563004	46.399	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.800%		
62) 4-Bromofluorobenzene	11.079	95	246844	52.469	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.940%		
Target Compounds						
						Qvalue
3) Chloromethane	1.295	50	604	0.238	ug/l	93
11) Tert butyl alcohol	2.953	59	449	0.625	ug/l #	78
16) Acetone	2.374	43	13265	8.958	ug/l	94
20) Methylene Chloride	2.788	84	4097	1.373	ug/l #	76
25) 2-Butanone	4.574	43	3615	1.685	ug/l	92
29) Tetrahydrofuran	5.020	42	959	0.719	ug/l #	68
31) Cyclohexane	5.544	56	4186	1.076	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	18359	4.359	ug/l #	52
37) Ethyl Acetate	4.574	43	3615	0.841	ug/l #	69
38) Carbon Tetrachloride	5.550	117	26895	5.712	ug/l #	15
51) 4-Methyl-2-Pentanone	8.574	43	3642	0.845	ug/l #	86
76) 1,2,3-Trichloropropane	11.079	75	118849	20.844	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	118849	63.414	ug/l #	5

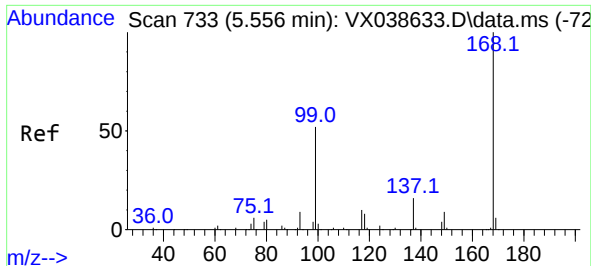
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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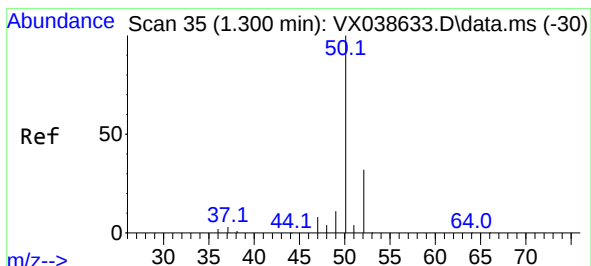
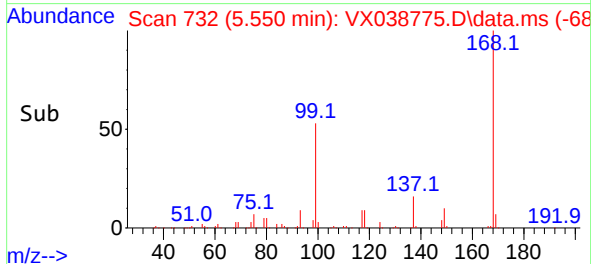
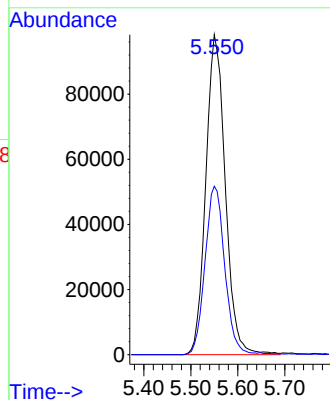
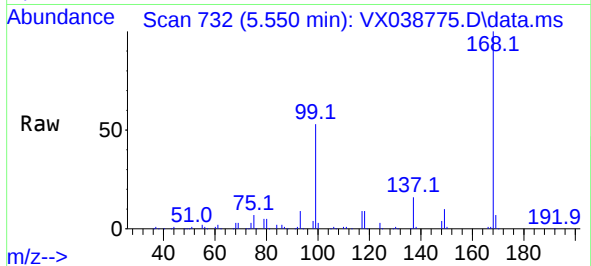




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038775.D
Acq: 13 Nov 2023 12:50

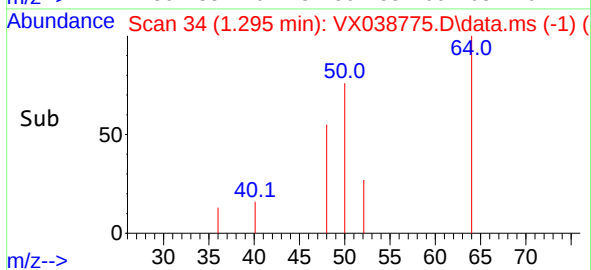
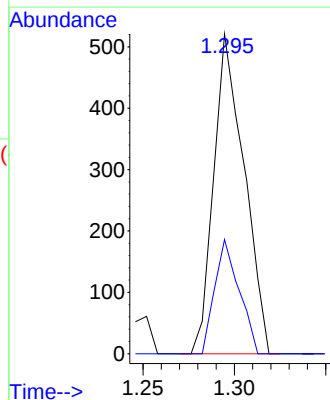
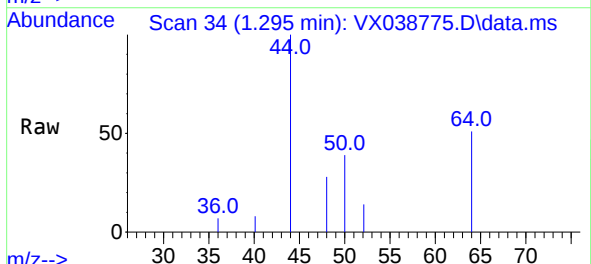
Instrument :
MSVOA_X
ClientSampleId :

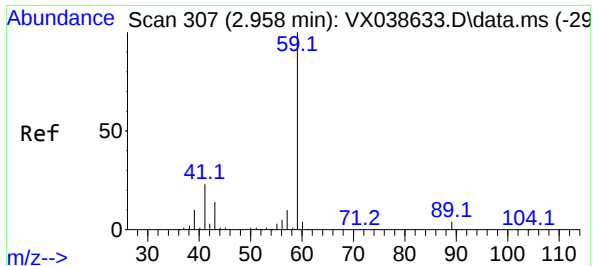
Tgt Ion:168 Resp: 282415
Ion Ratio Lower Upper
168 100
99 52.6 56.6 85.0#



#3
Chloromethane
Concen: 0.238 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX038775.D
Acq: 13 Nov 2023 12:50

Tgt Ion: 50 Resp: 604
Ion Ratio Lower Upper
50 100
52 35.7 25.5 38.3





#11

Tert butyl alcohol

Concen: 0.625 ug/l

RT: 2.953 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX038775.D

Acq: 13 Nov 2023 12:50

Instrument :

MSVOA_X

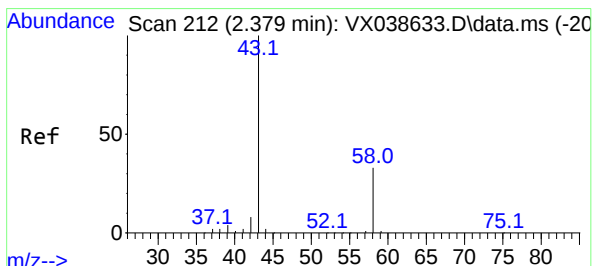
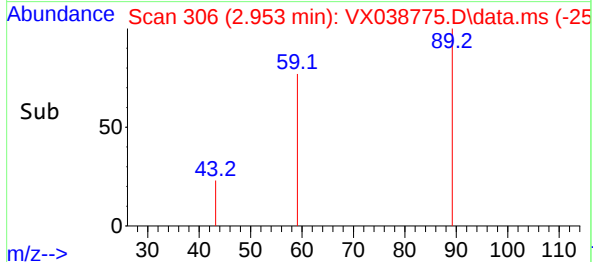
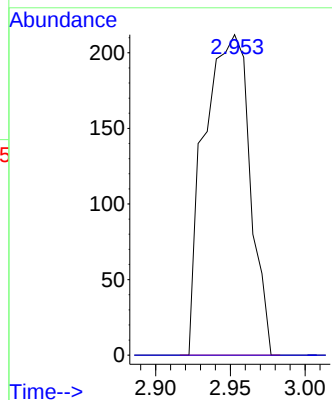
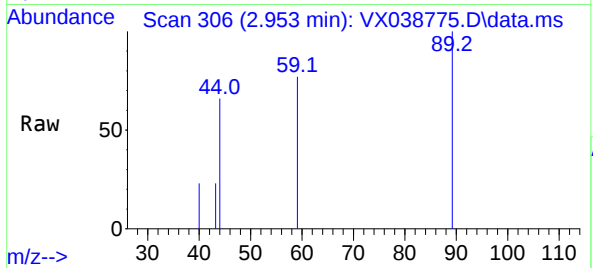
ClientSampleId :

Tgt Ion: 59 Resp: 449

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 8.958 ug/l

RT: 2.374 min Scan# 211

Delta R.T. -0.006 min

Lab File: VX038775.D

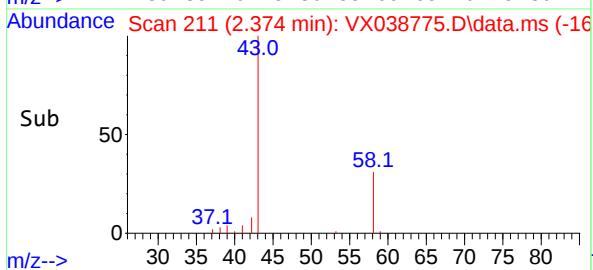
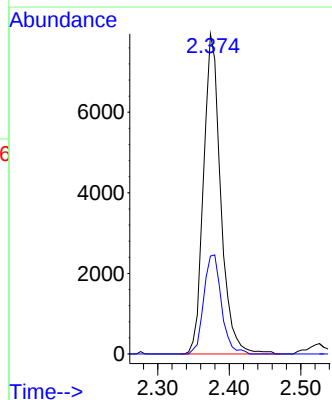
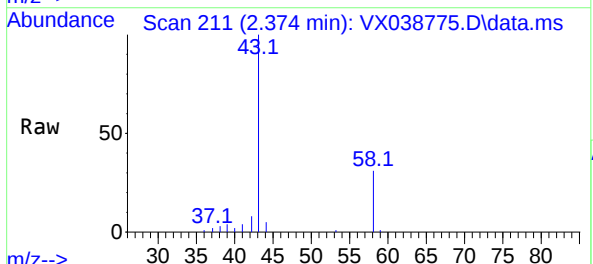
Acq: 13 Nov 2023 12:50

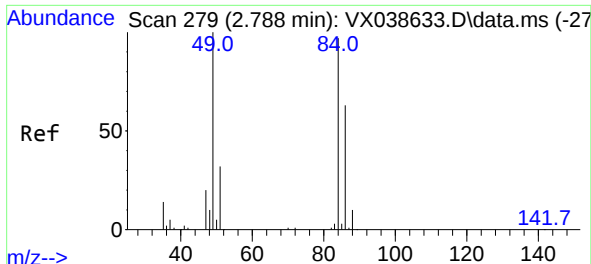
Tgt Ion: 43 Resp: 13265

Ion Ratio Lower Upper

43 100

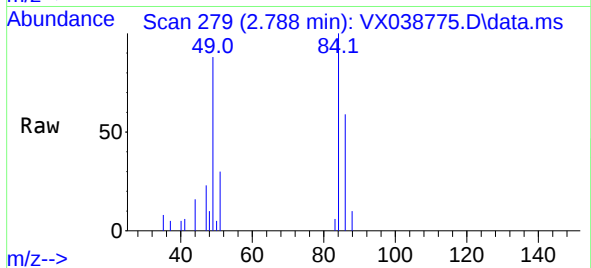
58 30.6 21.9 32.9





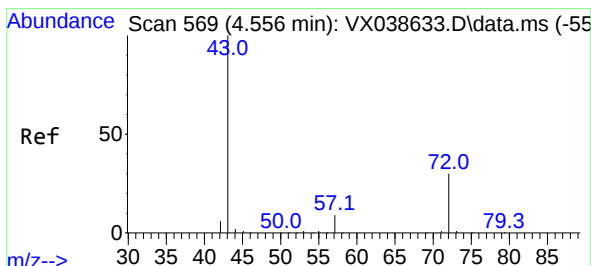
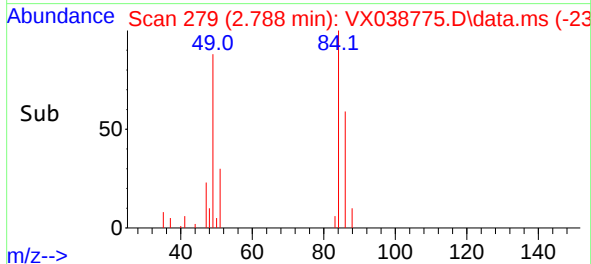
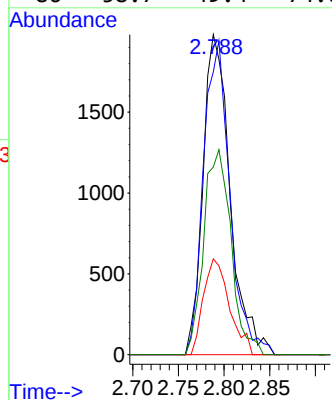
#20
Methylene Chloride
Concen: 1.373 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038775.D
Acq: 13 Nov 2023 12:50

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 4097

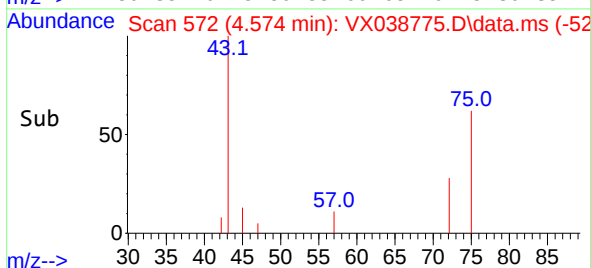
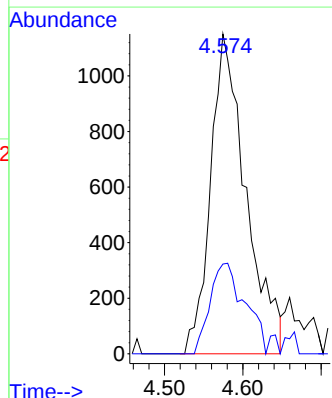
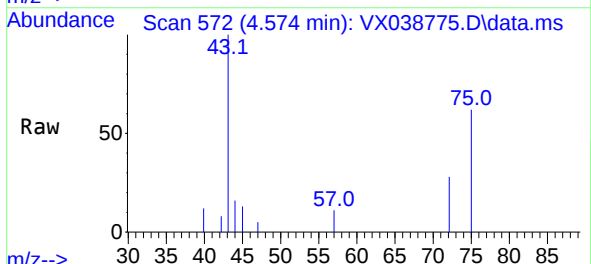
Ion	Ratio	Lower	Upper
84	100		
49	88.4	103.6	155.4#
51	30.0	33.8	50.6#
86	58.7	49.4	74.0

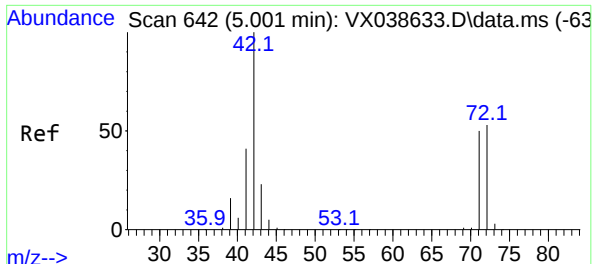


#25
2-Butanone
Concen: 1.685 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.019 min
Lab File: VX038775.D
Acq: 13 Nov 2023 12:50

Tgt Ion: 43 Resp: 3615

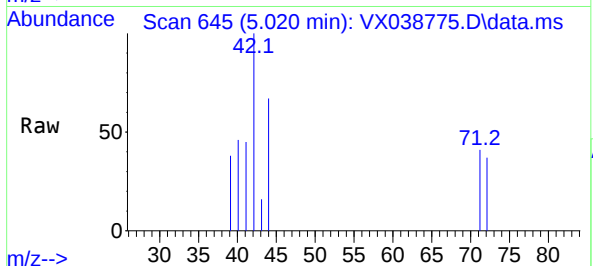
Ion	Ratio	Lower	Upper
43	100		
72	28.1	19.4	29.2





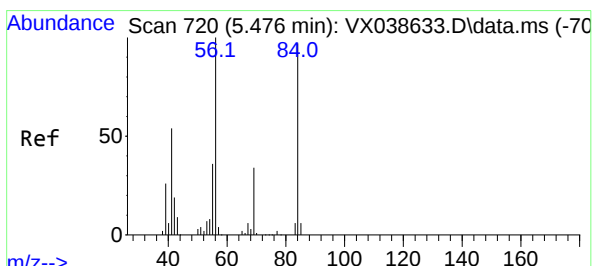
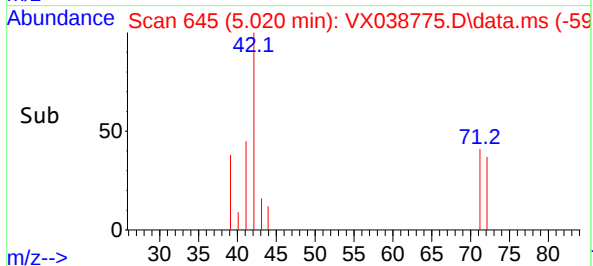
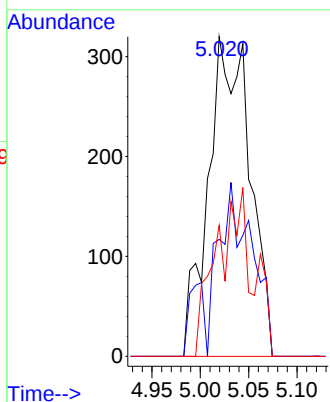
#29
Tetrahydrofuran
Concen: 0.719 ug/l
RT: 5.020 min Scan# 64
Delta R.T. 0.019 min
Lab File: VX038775.D
Acq: 13 Nov 2023 12:50

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 42 Resp: 959

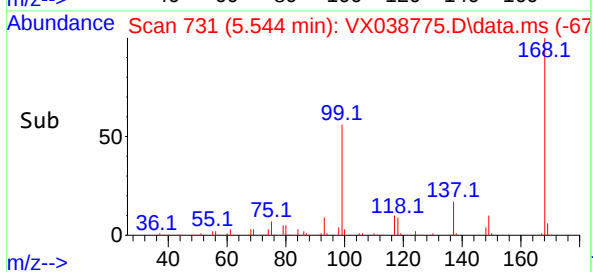
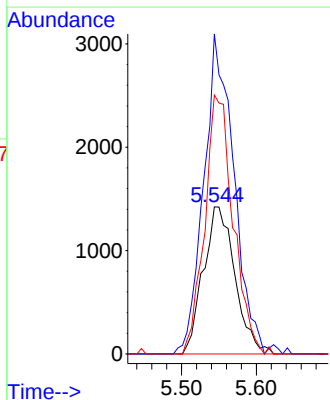
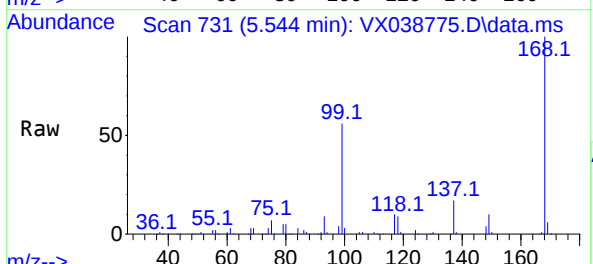
Ion	Ratio	Lower	Upper
42	100		
72	43.2	34.2	51.4
71	0.0	32.2	48.2#

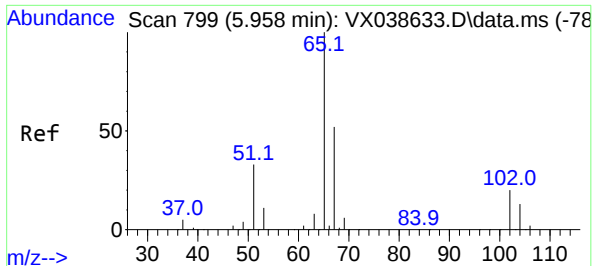


#31
Cyclohexane
Concen: 1.076 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.068 min
Lab File: VX038775.D
Acq: 13 Nov 2023 12:50

Tgt Ion: 56 Resp: 4186

Ion	Ratio	Lower	Upper
56	100		
69	214.1	23.4	35.2#
84	176.1	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 46.301 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038775.D

Acq: 13 Nov 2023 12:50

Instrument :

MSVOA_X

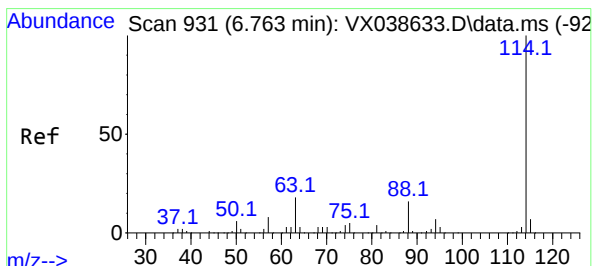
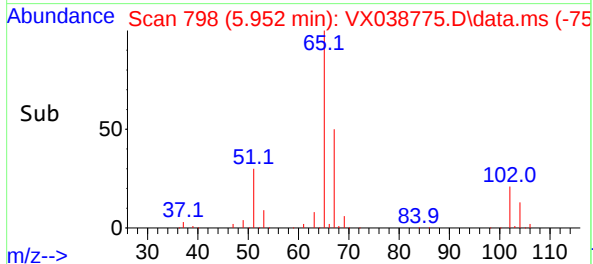
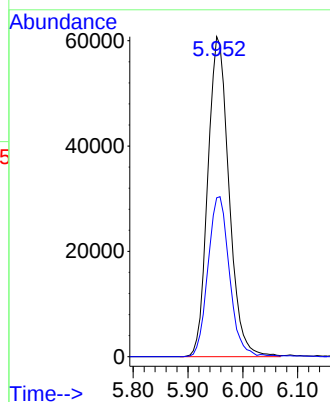
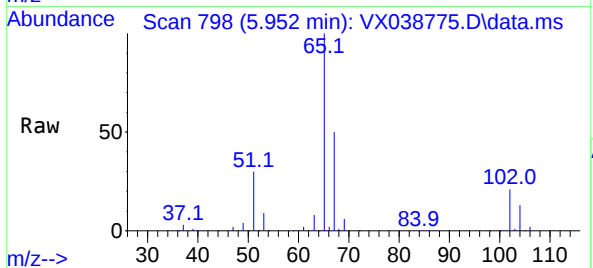
ClientSampleId :

Tgt Ion: 65 Resp: 162792

Ion Ratio Lower Upper

65 100

67 50.8 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: VX038775.D

Acq: 13 Nov 2023 12:50

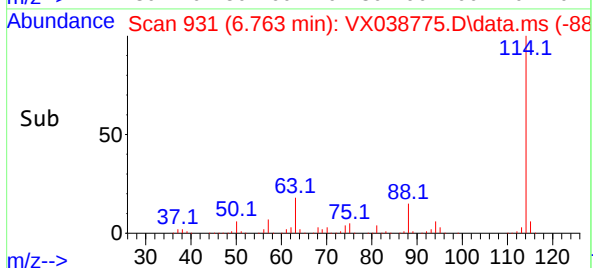
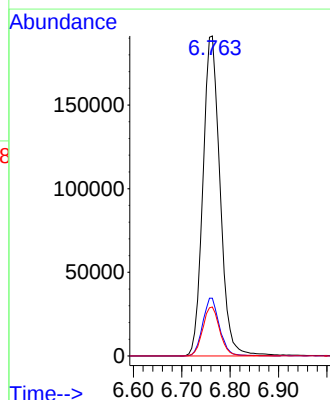
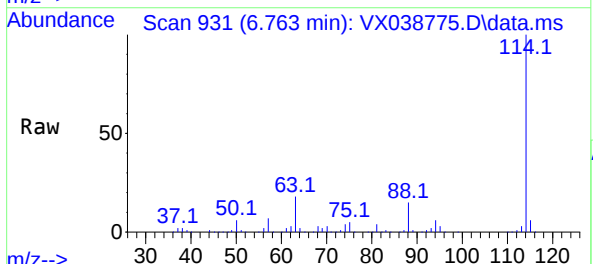
Tgt Ion: 114 Resp: 470811

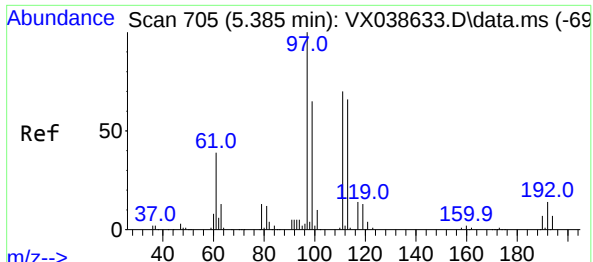
Ion Ratio Lower Upper

114 100

63 18.0 0.0 45.0

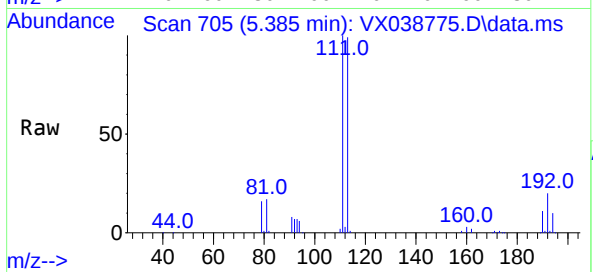
88 15.3 0.0 36.6



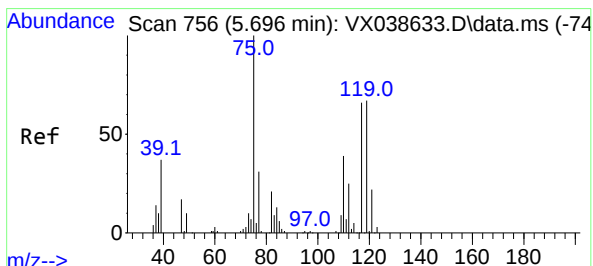
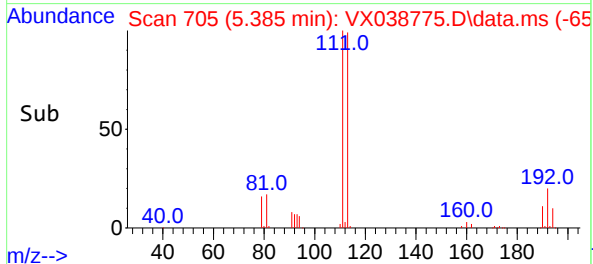
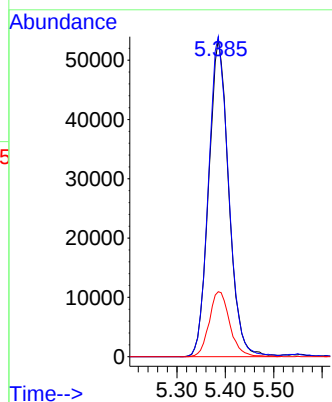


#35
Dibromofluoromethane
Concen: 45.365 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038775.D
Acq: 13 Nov 2023 12:50

Instrument :
MSVOA_X
ClientSampleId :

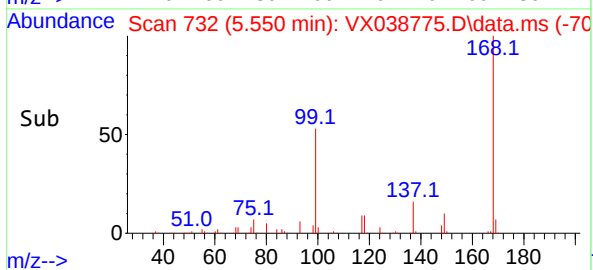
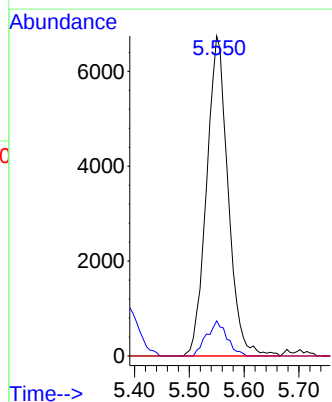
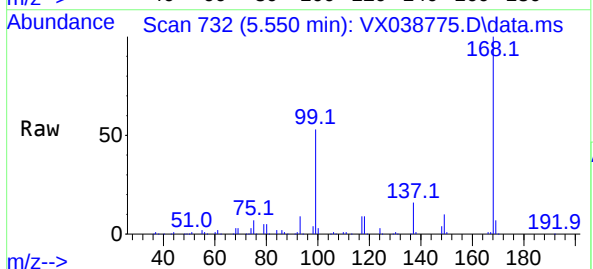


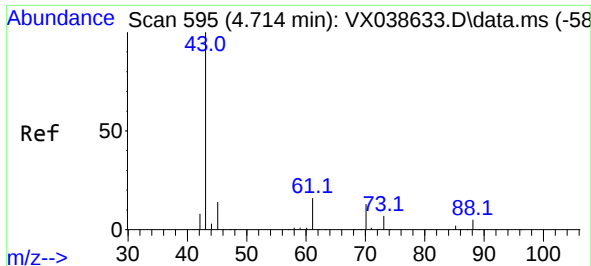
Tgt Ion:113 Resp: 153828
Ion Ratio Lower Upper
113 100
111 101.3 82.9 124.3
192 21.0 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.359 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX038775.D
Acq: 13 Nov 2023 12:50

Tgt Ion: 75 Resp: 18359
Ion Ratio Lower Upper
75 100
110 10.3 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.841 ug/l

RT: 4.574 min Scan# 51

Delta R.T. -0.140 min

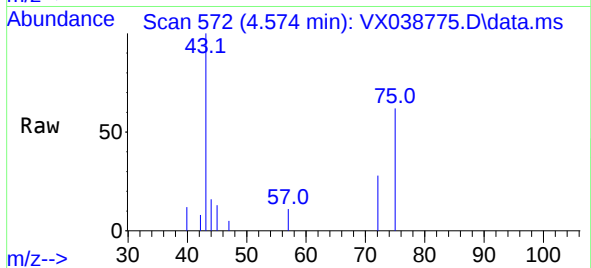
Lab File: VX038775.D

Acq: 13 Nov 2023 12:50

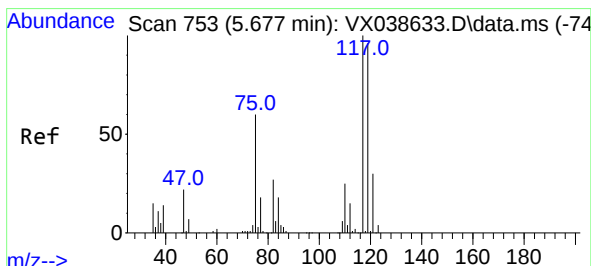
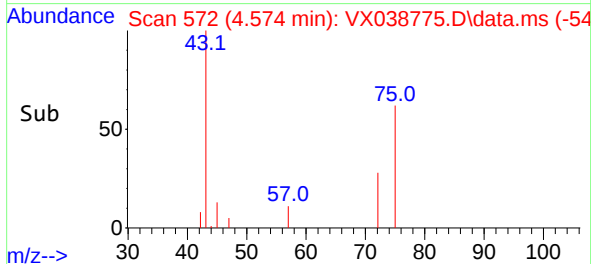
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	43	Resp:	3615
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.6	16.0#
70	0.0	8.3	12.5#



#38

Carbon Tetrachloride

Concen: 5.712 ug/l

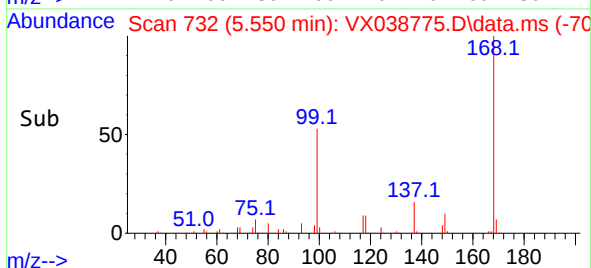
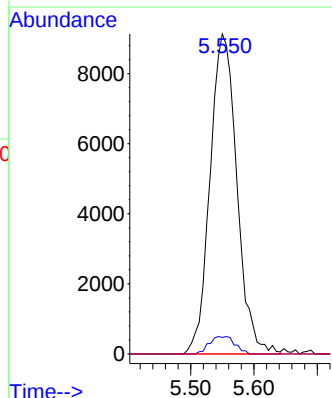
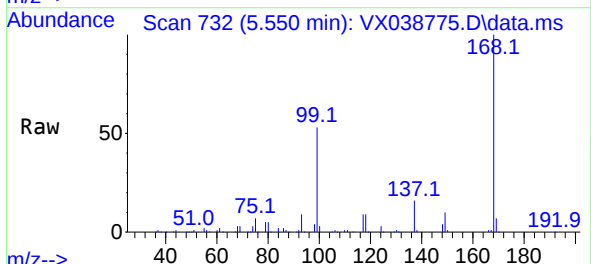
RT: 5.550 min Scan# 732

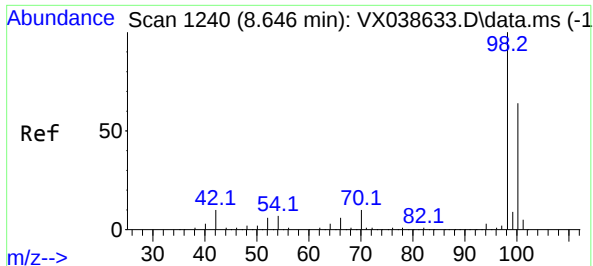
Delta R.T. -0.128 min

Lab File: VX038775.D

Acq: 13 Nov 2023 12:50

Tgt Ion:	117	Resp:	26895
Ion	Ratio	Lower	Upper
117	100		
119	5.2	78.2	117.2#
121	0.0	24.4	36.6#

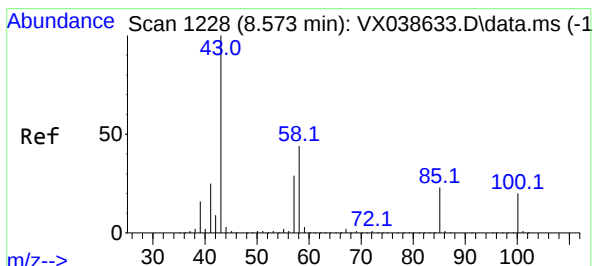
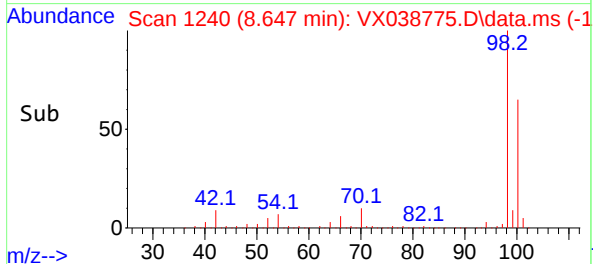
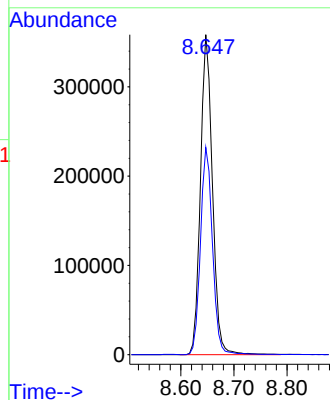
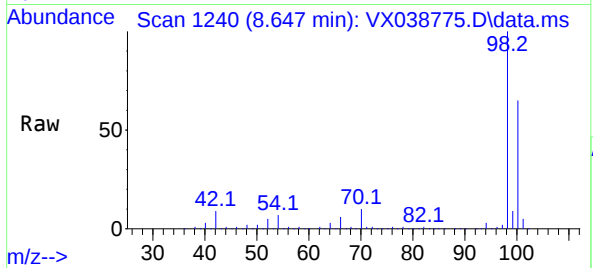




#50
Toluene-d8
Concen: 46.399 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038775.D
Acq: 13 Nov 2023 12:50

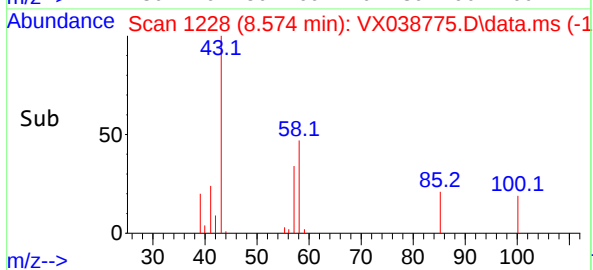
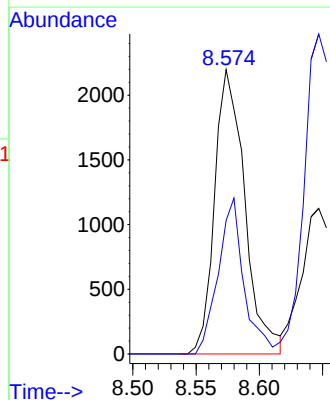
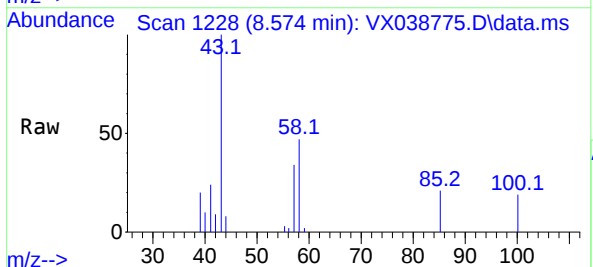
Instrument :
MSVOA_X
ClientSampleId :

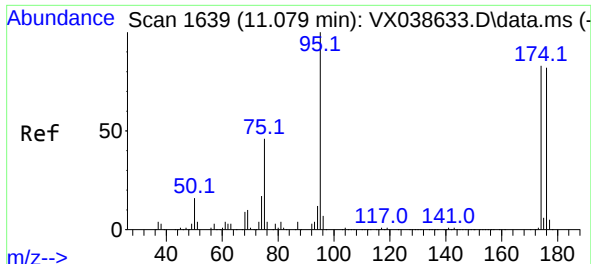
Tgt Ion: 98 Resp: 563004
Ion Ratio Lower Upper
98 100
100 65.3 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.845 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX038775.D
Acq: 13 Nov 2023 12:50

Tgt Ion: 43 Resp: 3642
Ion Ratio Lower Upper
43 100
58 46.5 30.4 45.6#

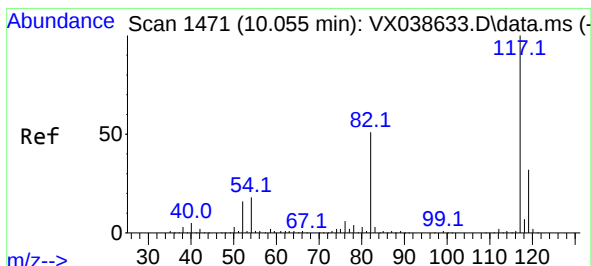
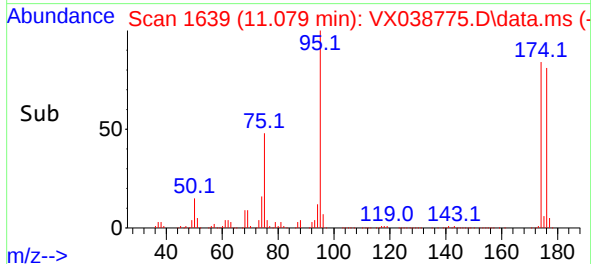
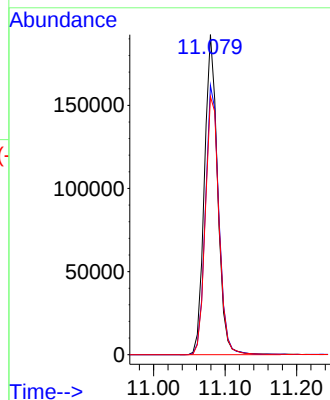
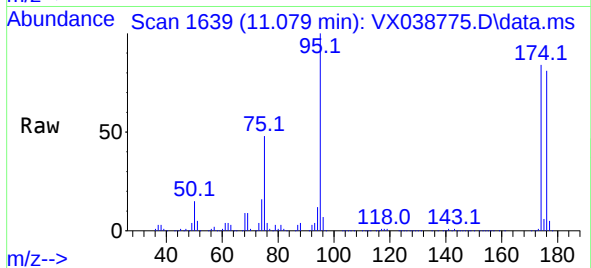




#62
4-Bromofluorobenzene
Concen: 52.469 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038775.D
Acq: 13 Nov 2023 12:50

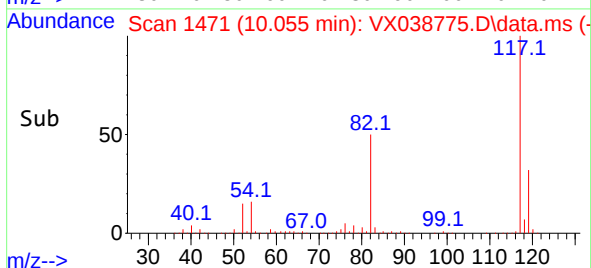
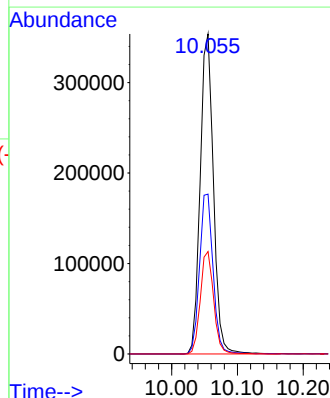
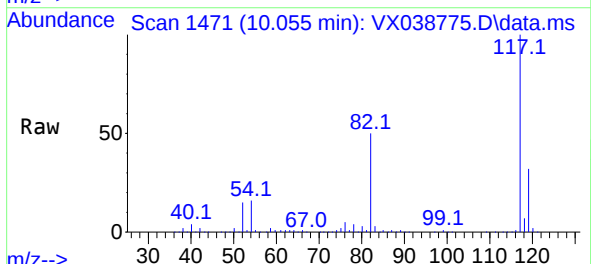
Instrument :
MSVOA_X
ClientSampleId :

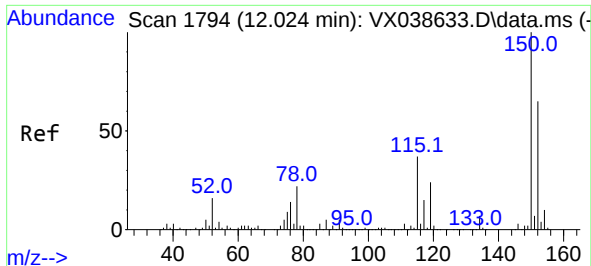
Tgt Ion: 95 Resp: 246844
Ion Ratio Lower Upper
95 100
174 86.0 0.0 135.6
176 83.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038775.D
Acq: 13 Nov 2023 12:50

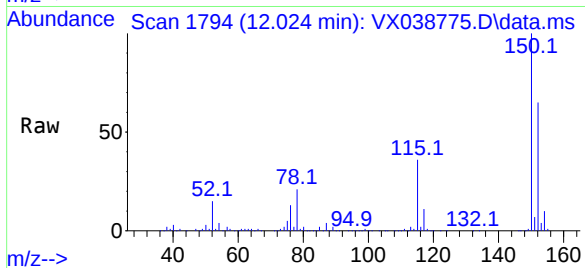
Tgt Ion: 117 Resp: 495072
Ion Ratio Lower Upper
117 100
82 49.9 46.2 69.4
119 32.0 25.5 38.3



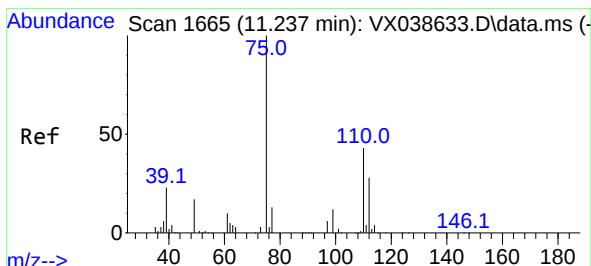
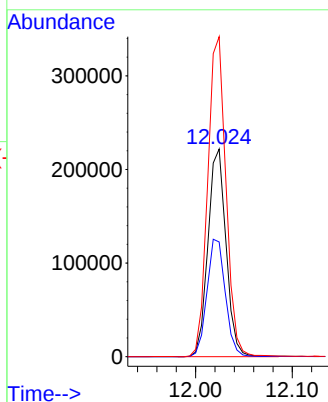
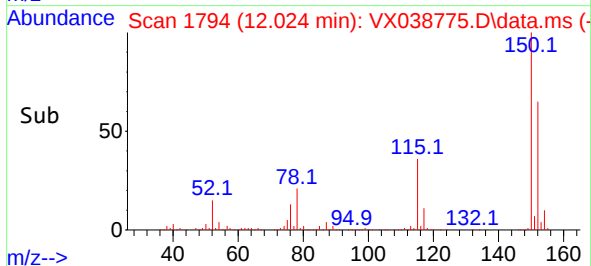


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038775.D
Acq: 13 Nov 2023 12:50

Instrument :
MSVOA_X
ClientSampleId :

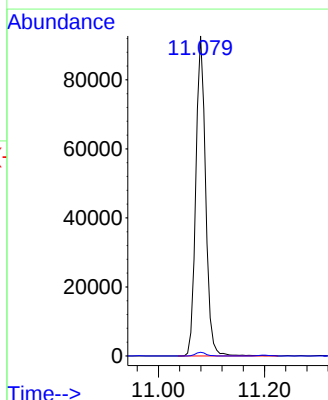
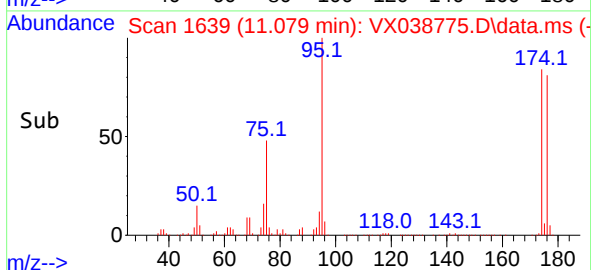
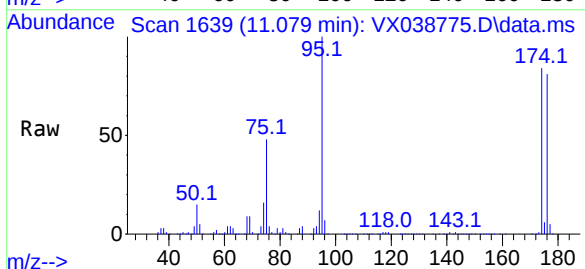


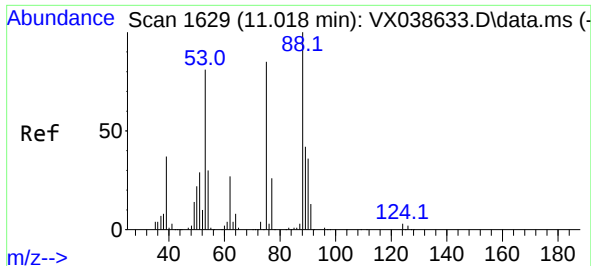
Tgt Ion:152 Resp: 287895
Ion Ratio Lower Upper
152 100
115 57.7 43.3 129.9
150 155.6 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 20.844 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX038775.D
Acq: 13 Nov 2023 12:50

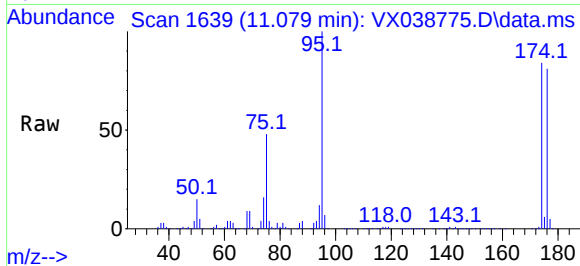
Tgt Ion: 75 Resp: 118849
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.414 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX038775.D
 Acq: 13 Nov 2023 12:50

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 118849
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

