

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051022\
 Data File : VX028607.D
 Acq On : 10 May 2022 20:15
 Operator : JC/MD
 Sample : N2749-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-7

Quant Time: May 11 07:05:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

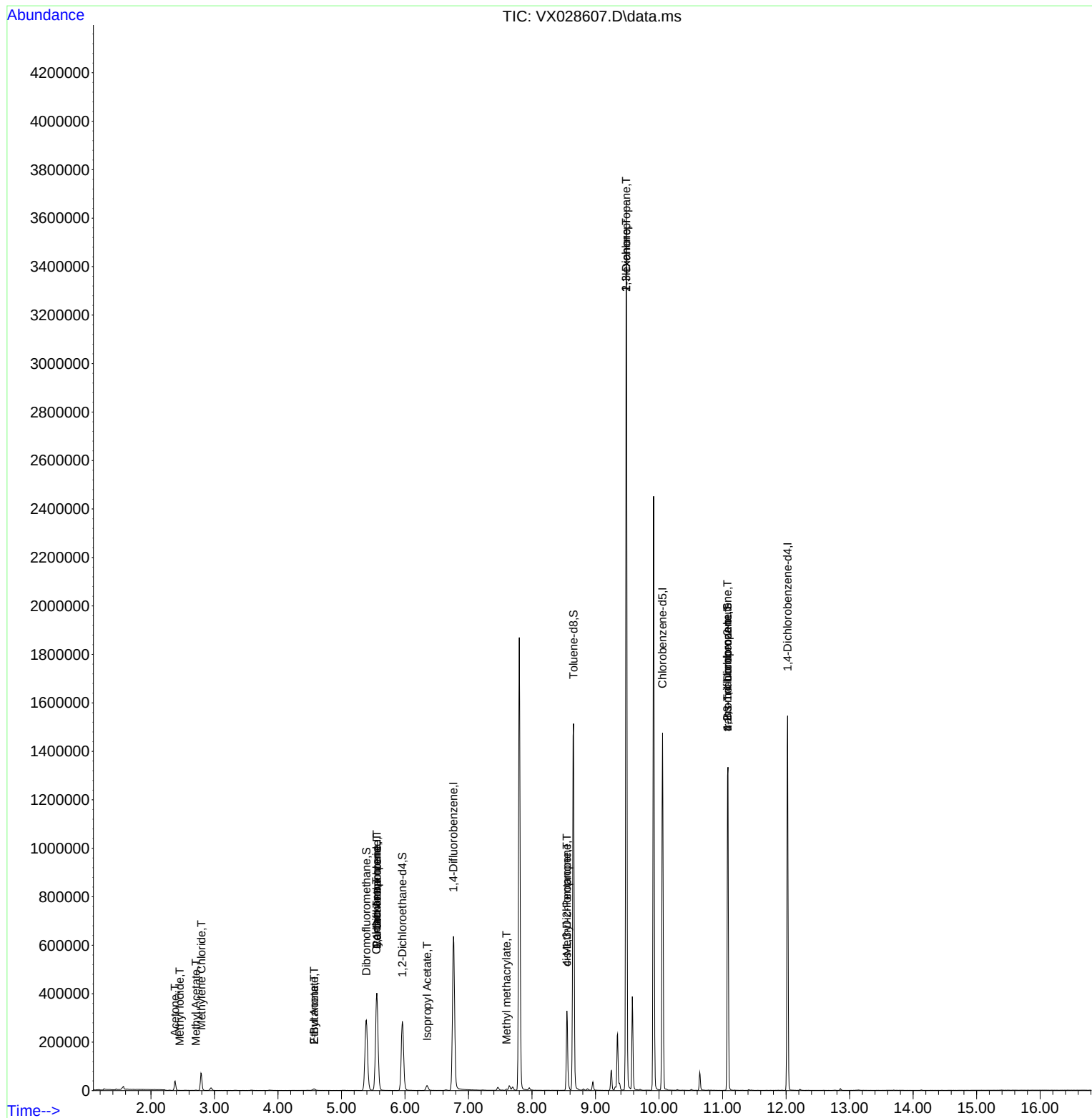
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	395637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	675903	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	681450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	326408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	268790	52.105	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.200%	
35) Dibromofluoromethane	5.391	113	251998	53.164	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 106.320%	
50) Toluene-d8	8.653	98	929817	51.073	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.140%	
62) 4-Bromofluorobenzene	11.079	95	345754	49.670	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 99.340%	
Target Compounds						Qvalue
3) Chloromethane	1.294	50	323	Below Cal	#	86
5) Bromomethane	1.617	94	646	Below Cal	#	63
6) Chloroethane	1.636	64	258	Below Cal	#	43
10) Methyl Iodide	2.453	142	38	5.242	ug/l #	41
11) Tert butyl alcohol	2.946	59	5995	Below Cal	#	72
16) Acetone	2.380	43	40985	24.754	ug/l	98
18) Methyl Acetate	2.709	43	1642	0.358	ug/l	96
20) Methylene Chloride	2.794	84	33057	8.636	ug/l	98
25) 2-Butanone	4.568	43	8045	2.633	ug/l	93
31) Cyclohexane	5.550	56	7269	1.157	ug/l #	6
36) 1,1-Dichloropropene	5.556	75	28049	4.536	ug/l #	50
37) Ethyl Acetate	4.568	43	8045	1.282	ug/l #	71
38) Carbon Tetrachloride	5.556	117	38481	5.513	ug/l #	15
43) Isopropyl Acetate	6.348	43	27610	2.704	ug/l	97
48) Methyl methacrylate	7.598	41	7631	1.628	ug/l #	7
51) 4-Methyl-2-Pentanone	8.549	43	103662	15.821	ug/l #	45
54) cis-1,3-Dichloropropene	8.549	75	55077	7.225	ug/l #	70
57) 1,3-Dichloropropane	9.482	76	35726	4.333	ug/l #	43
59) 2-Hexanone	9.482	43	393551	77.540	ug/l #	45
76) 1,2,3-Trichloropropane	11.079	75	170473	26.537	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	170473	78.862	ug/l #	15

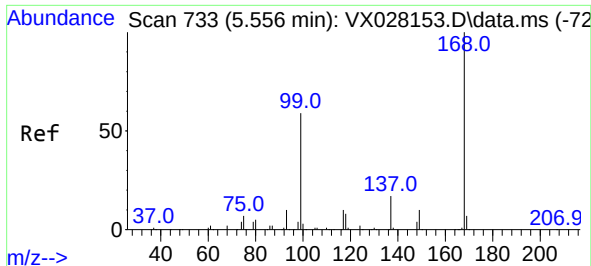
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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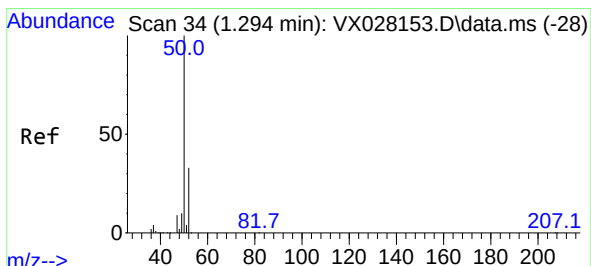
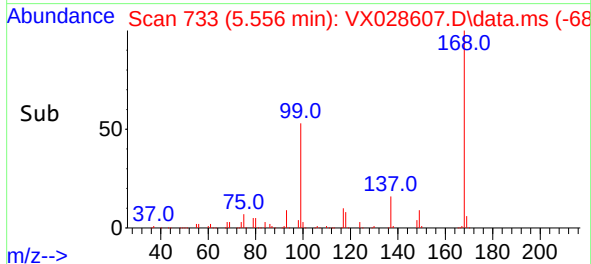
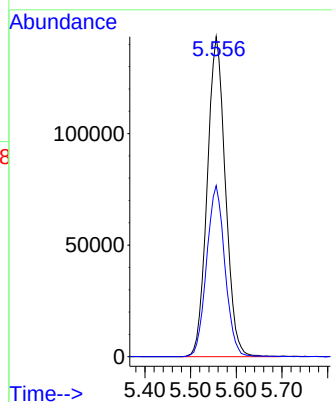
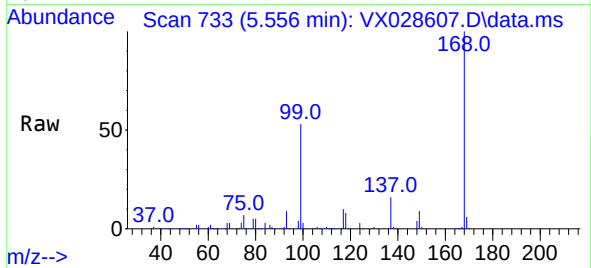




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028607.D
Acq: 10 May 2022 20:15

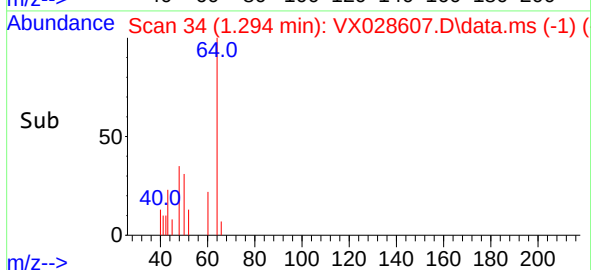
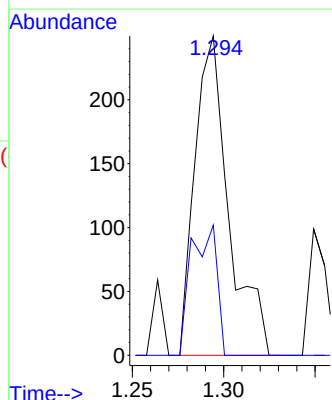
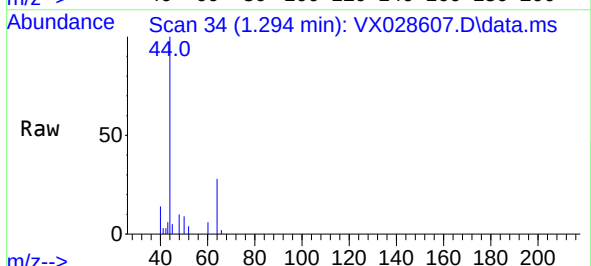
Instrument :
MSVOA_X
ClientSampleId :
TP-7

Tgt Ion:168 Resp: 395637
Ion Ratio Lower Upper
168 100
99 53.4 41.7 62.5

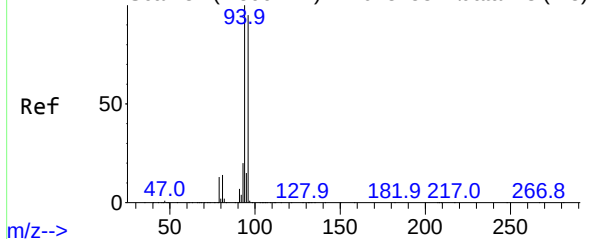


#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028607.D
Acq: 10 May 2022 20:15

Tgt Ion: 50 Resp: 323
Ion Ratio Lower Upper
50 100
52 40.8 26.4 39.6#



Abundance Scan 84 (1.599 min): VX028153.D\data.ms (-78)



#5

Bromomethane

Concen: Below Cal

RT: 1.617 min Scan# 81

Delta R.T. 0.018 min

Lab File: VX028607.D

Acq: 10 May 2022 20:15

Instrument :

MSVOA_X

ClientSampleId :

TP-7

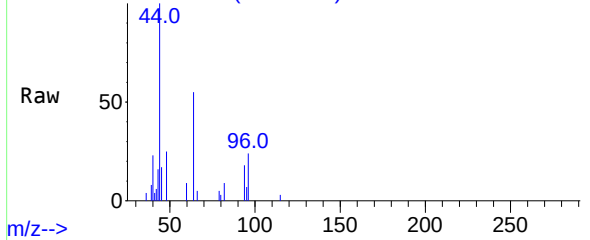
Tgt Ion: 94 Resp: 646

Ion Ratio Lower Upper

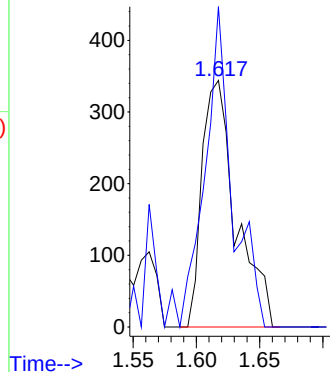
94 100

96 129.9 75.3 112.9#

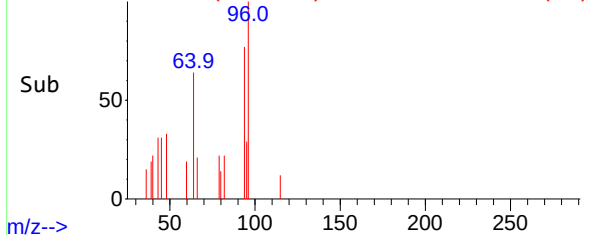
Abundance Scan 87 (1.617 min): VX028607.D\data.ms



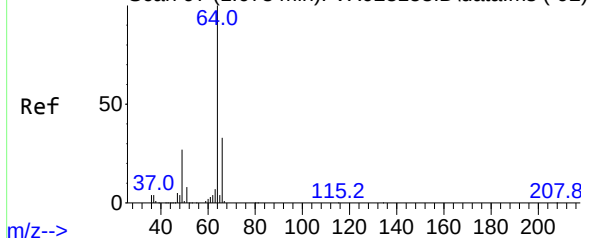
Abundance



Abundance Scan 87 (1.617 min): VX028607.D\data.ms (-35)



Abundance Scan 97 (1.678 min): VX028153.D\data.ms (-92)



#6

Chloroethane

Concen: Below Cal

RT: 1.636 min Scan# 90

Delta R.T. -0.042 min

Lab File: VX028607.D

Acq: 10 May 2022 20:15

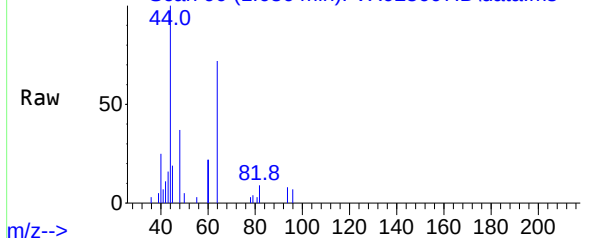
Tgt Ion: 64 Resp: 258

Ion Ratio Lower Upper

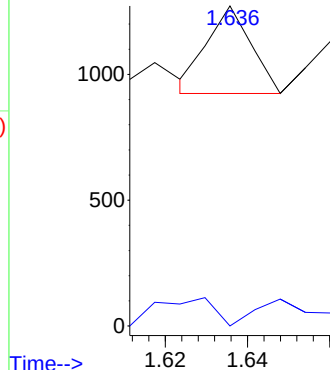
64 100

66 0.0 25.3 37.9#

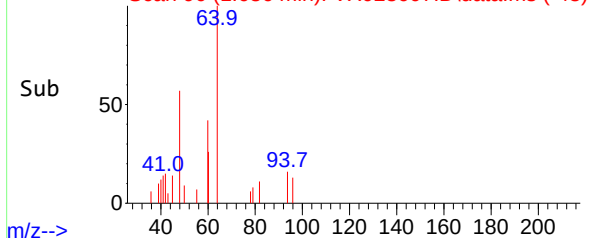
Abundance Scan 90 (1.636 min): VX028607.D\data.ms

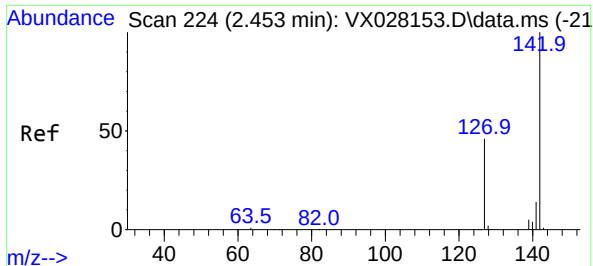


Abundance



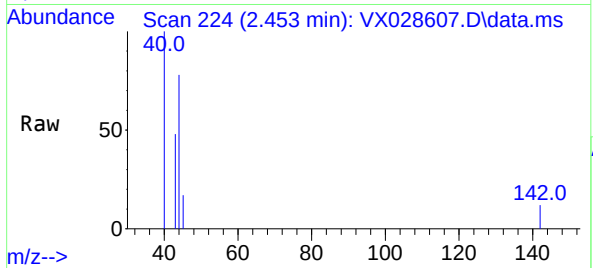
Abundance Scan 90 (1.636 min): VX028607.D\data.ms (-48)



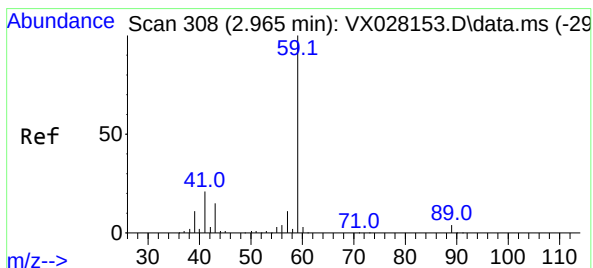
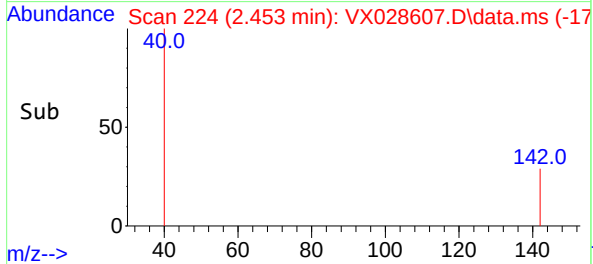
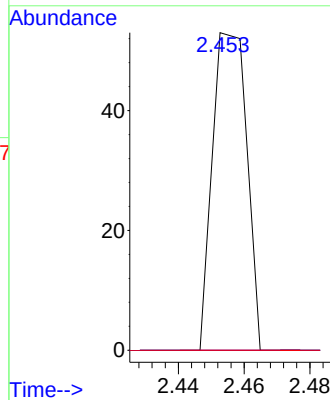


#10
Methyl Iodide
Concen: 5.242 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX028607.D
Acq: 10 May 2022 20:15

Instrument :
MSVOA_X
ClientSampleId :
TP-7

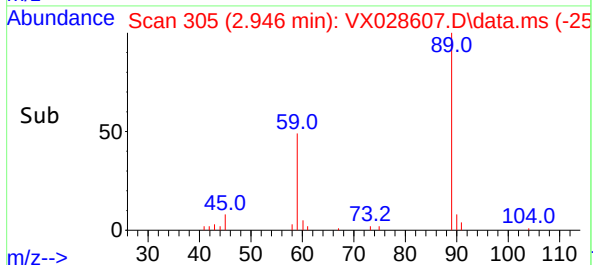
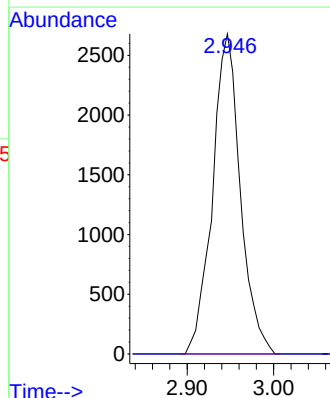
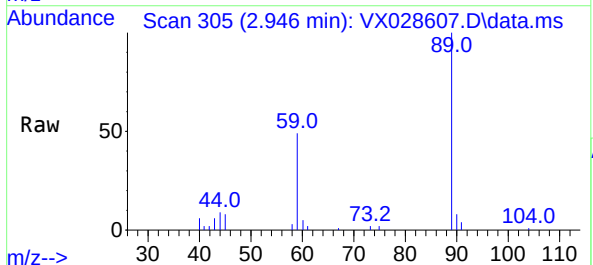


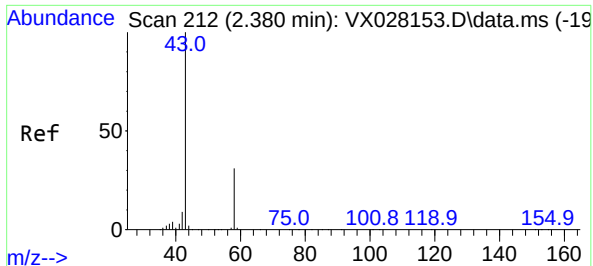
Tgt Ion:142 Resp: 38
Ion Ratio Lower Upper
142 100
127 0.0 33.9 50.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 305
Delta R.T. -0.019 min
Lab File: VX028607.D
Acq: 10 May 2022 20:15

Tgt Ion: 59 Resp: 5995
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

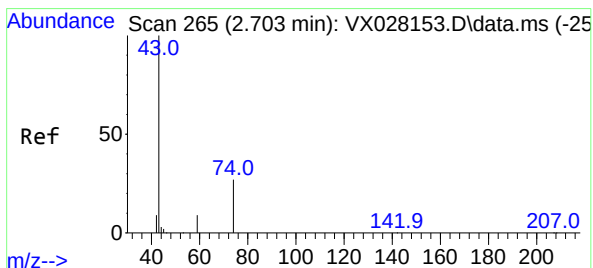
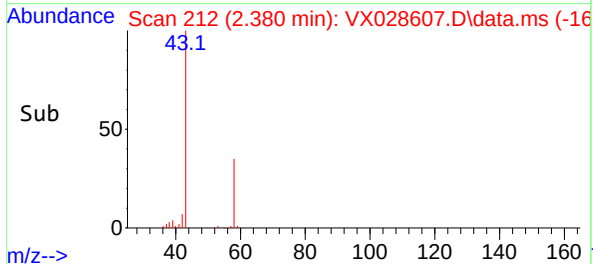
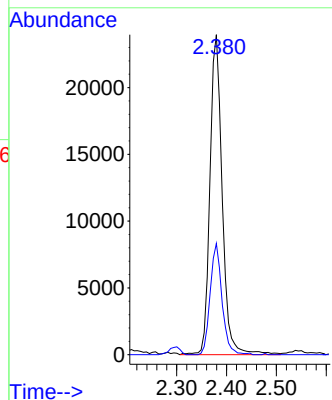
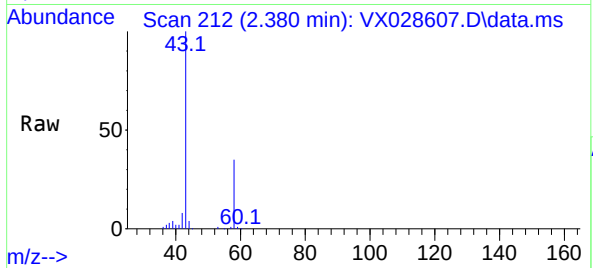




#16
Acetone
Concen: 24.754 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028607.D
Acq: 10 May 2022 20:15

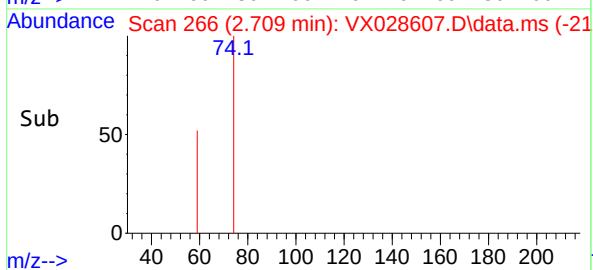
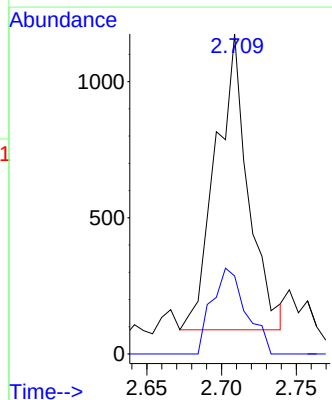
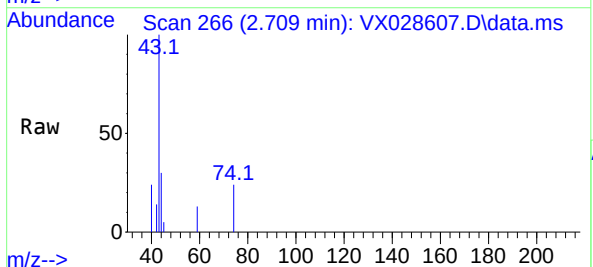
Instrument :
MSVOA_X
ClientSampleId :
TP-7

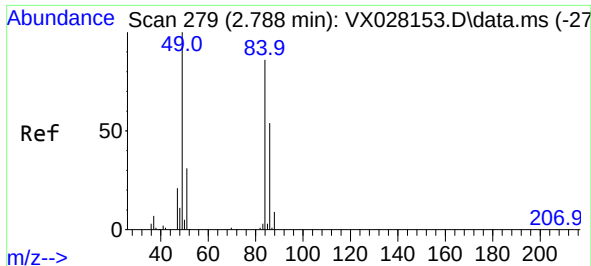
Tgt Ion: 43 Resp: 40985
Ion Ratio Lower Upper
43 100
58 34.7 28.8 43.2



#18
Methyl Acetate
Concen: 0.358 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX028607.D
Acq: 10 May 2022 20:15

Tgt Ion: 43 Resp: 1642
Ion Ratio Lower Upper
43 100
74 30.5 22.8 34.2



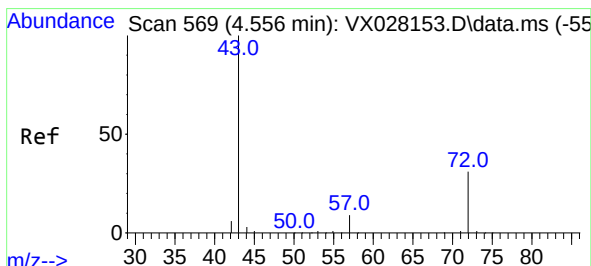
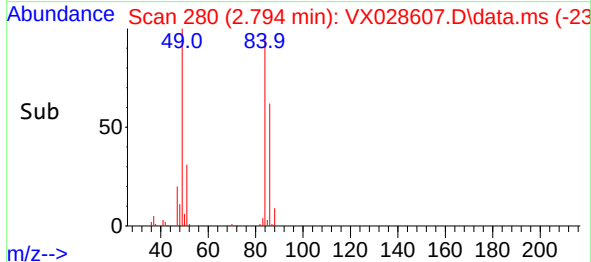
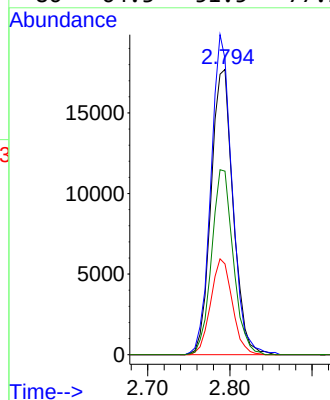
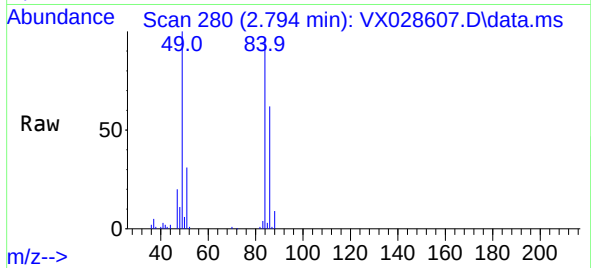


#20
Methylene Chloride
Concen: 8.636 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028607.D
Acq: 10 May 2022 20:15

Instrument :
MSVOA_X
ClientSampleId :
TP-7

Tgt Ion: 84 Resp: 33057

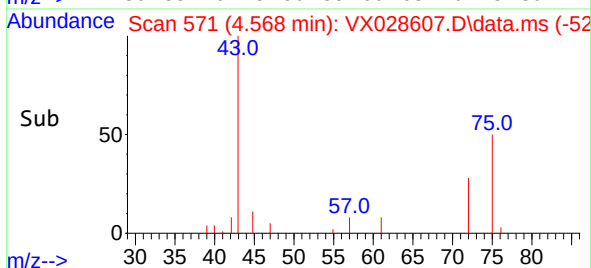
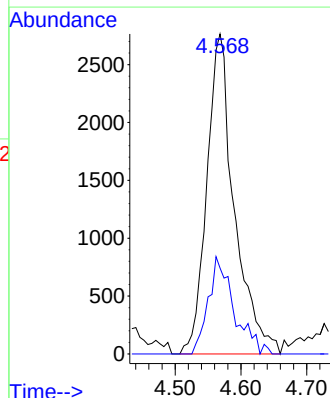
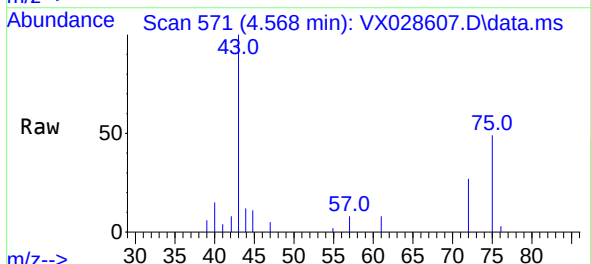
Ion	Ratio	Lower	Upper
84	100		
49	103.7	85.5	128.3
51	31.8	26.6	39.8
86	64.3	51.5	77.3

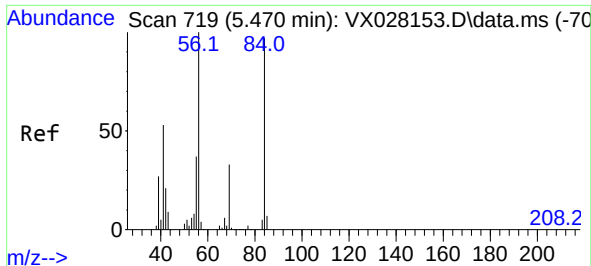


#25
2-Butanone
Concen: 2.633 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX028607.D
Acq: 10 May 2022 20:15

Tgt Ion: 43 Resp: 8045

Ion	Ratio	Lower	Upper
43	100		
72	26.9	24.4	36.6

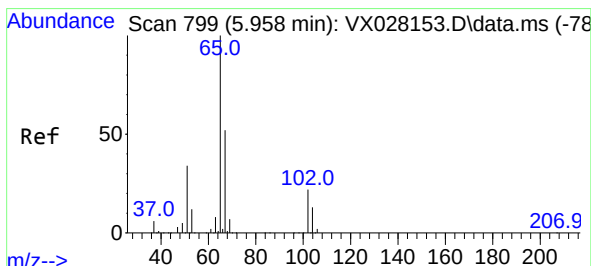
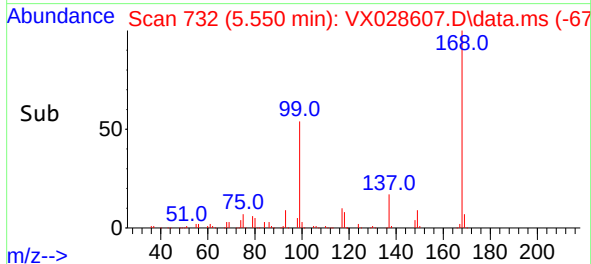
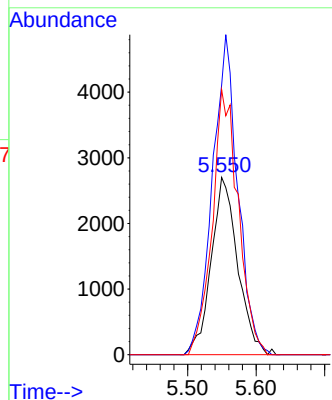
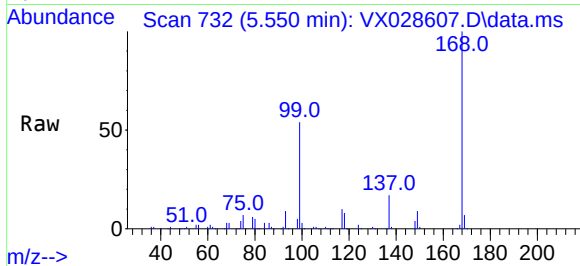




#31
Cyclohexane
Concen: 1.157 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX028607.D
Acq: 10 May 2022 20:15

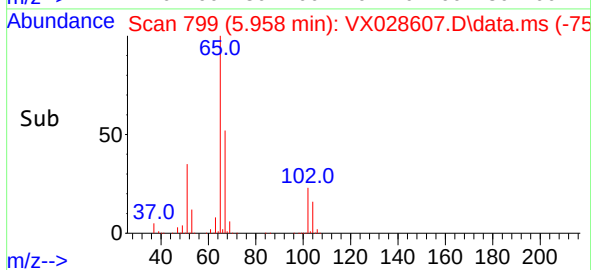
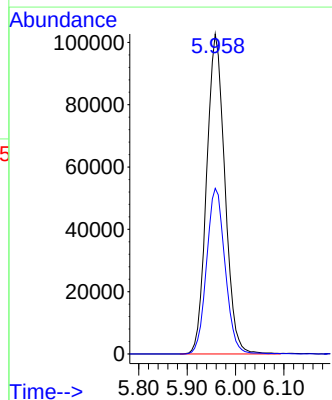
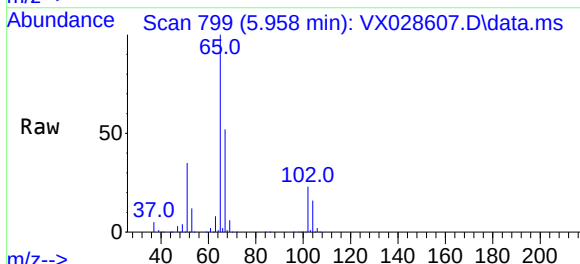
Instrument :
MSVOA_X
ClientSampleId :
TP-7

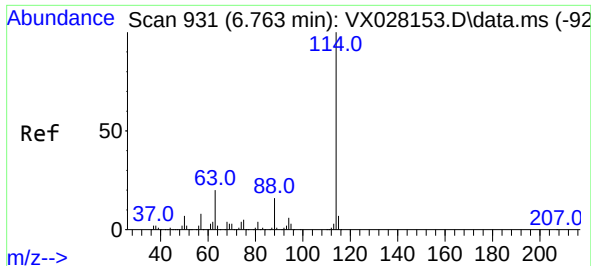
Tgt Ion: 56 Resp: 7269
Ion Ratio Lower Upper
56 100
69 152.0 26.7 40.1#
84 149.4 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 52.105 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028607.D
Acq: 10 May 2022 20:15

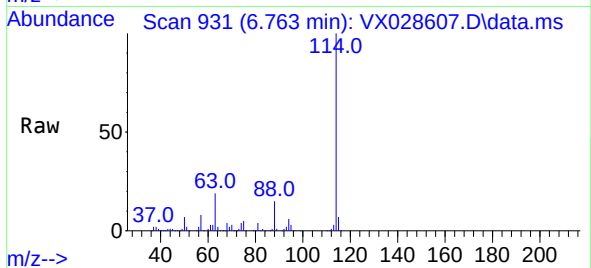
Tgt Ion: 65 Resp: 268790
Ion Ratio Lower Upper
65 100
67 52.4 0.0 107.4



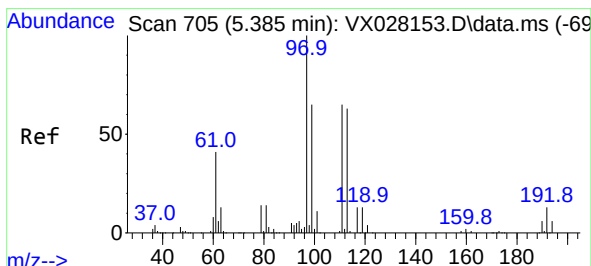
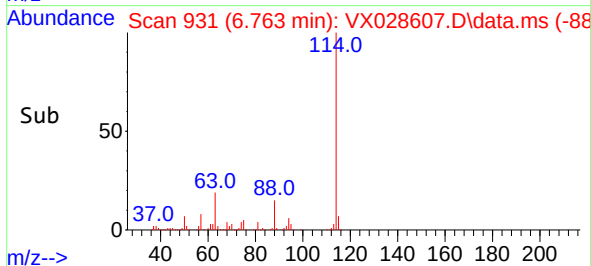
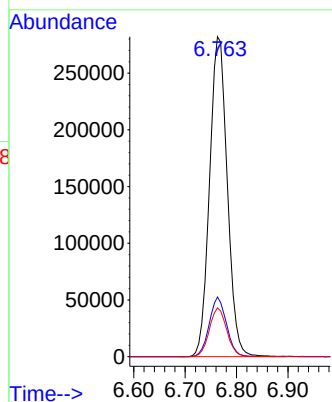


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028607.D
Acq: 10 May 2022 20:15

Instrument :
MSVOA_X
ClientSampleId :
TP-7

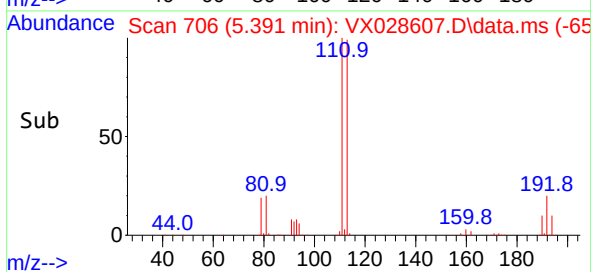
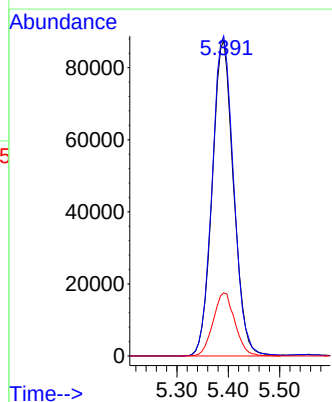
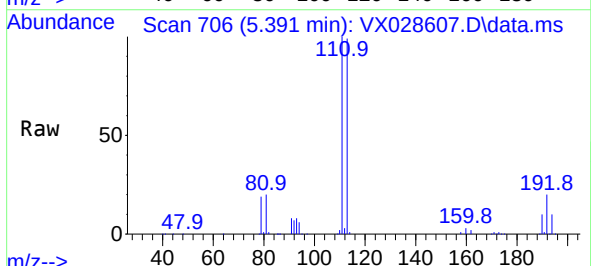


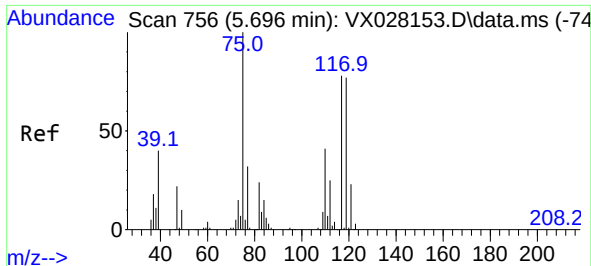
Tgt Ion:114 Resp: 675903
Ion Ratio Lower Upper
114 100
63 18.6 0.0 36.8
88 15.2 0.0 32.4



#35
Dibromofluoromethane
Concen: 53.164 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028607.D
Acq: 10 May 2022 20:15

Tgt Ion:113 Resp: 251998
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 20.4 16.9 25.3

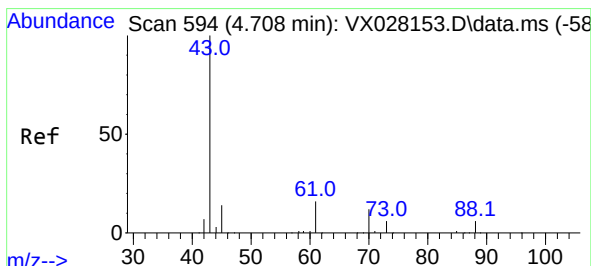
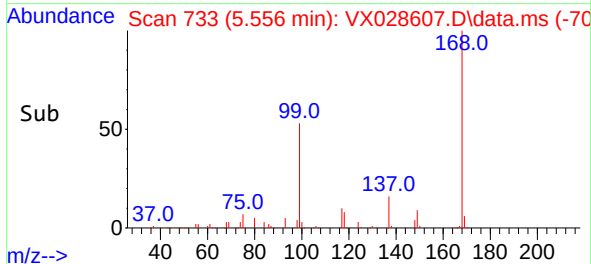
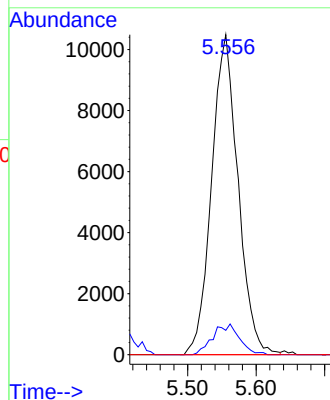
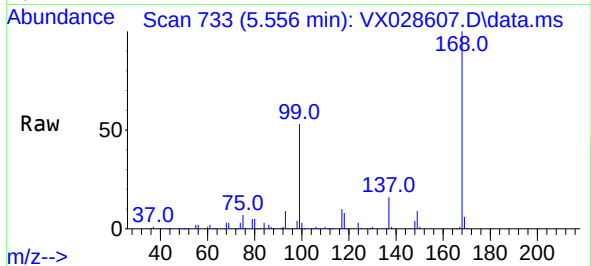




#36
1,1-Dichloropropene
Concen: 4.536 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX028607.D
Acq: 10 May 2022 20:15

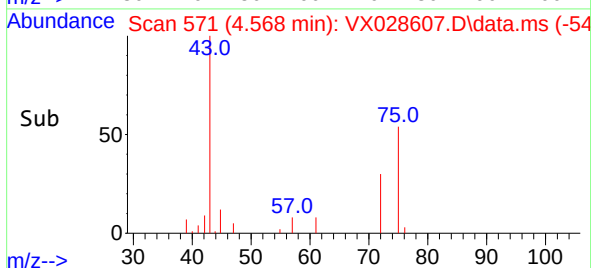
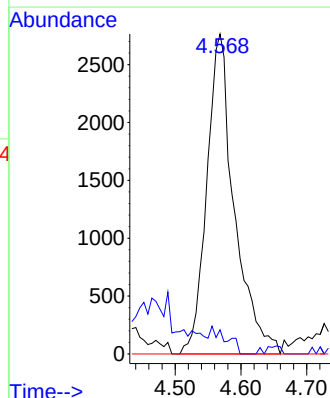
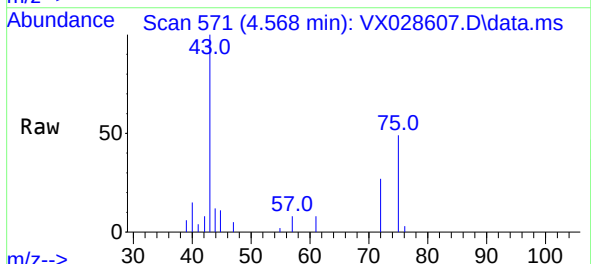
Instrument :
MSVOA_X
ClientSampleId :
TP-7

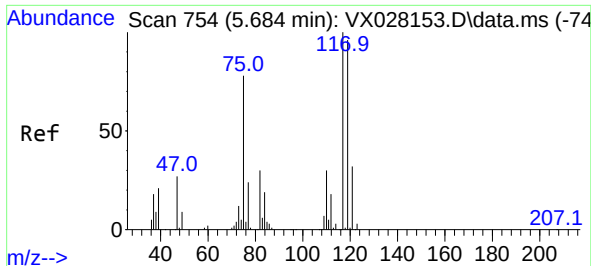
Tgt Ion: 75 Resp: 28049
Ion Ratio Lower Upper
75 100
110 9.7 18.3 54.8#
77 0.0 24.8 37.2#



#37
Ethyl Acetate
Concen: 1.282 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.140 min
Lab File: VX028607.D
Acq: 10 May 2022 20:15

Tgt Ion: 43 Resp: 8045
Ion Ratio Lower Upper
43 100
61 4.9 12.6 19.0#
70 0.0 10.2 15.2#

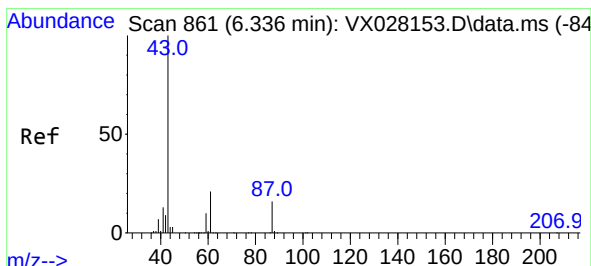
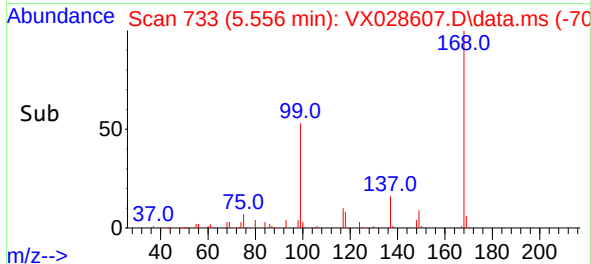
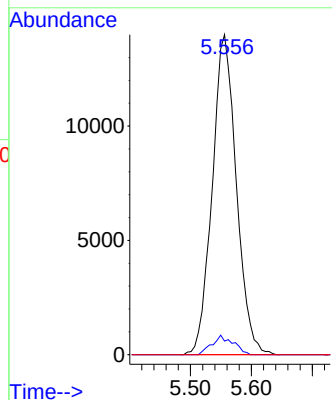
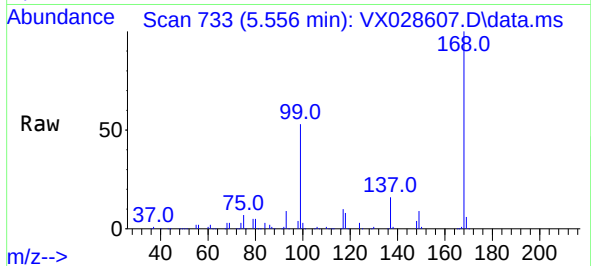




#38
Carbon Tetrachloride
Concen: 5.513 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX028607.D
Acq: 10 May 2022 20:15

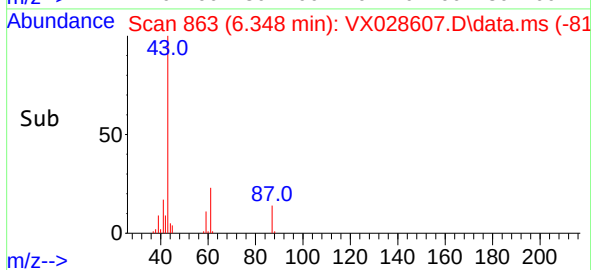
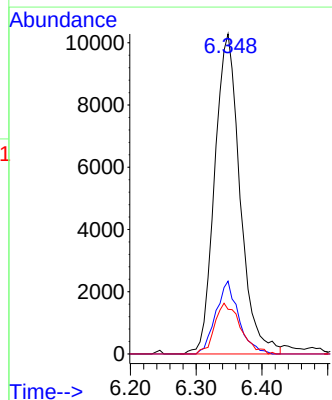
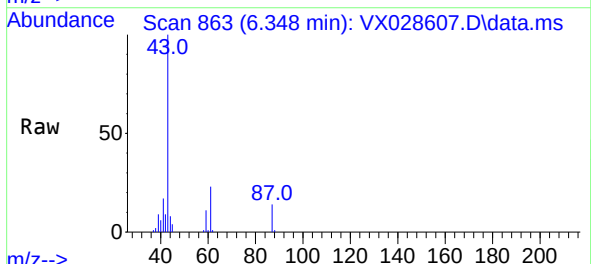
Instrument :
MSVOA_X
ClientSampleId :
TP-7

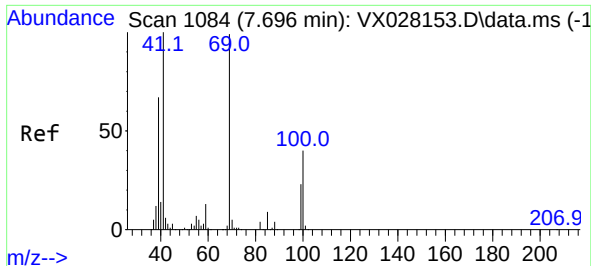
Tgt Ion:117 Resp: 38481
Ion Ratio Lower Upper
117 100
119 4.2 77.3 115.9#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 2.704 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX028607.D
Acq: 10 May 2022 20:15

Tgt Ion: 43 Resp: 27610
Ion Ratio Lower Upper
43 100
61 20.5 18.5 27.7
87 16.2 13.0 19.6





#48

Methyl methacrylate

Concen: 1.628 ug/l

RT: 7.598 min Scan# 1068

Delta R.T. -0.098 min

Lab File: VX028607.D

Acq: 10 May 2022 20:15

Instrument :

MSVOA_X

ClientSampleId :

TP-7

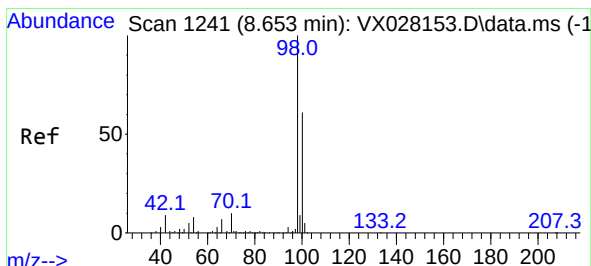
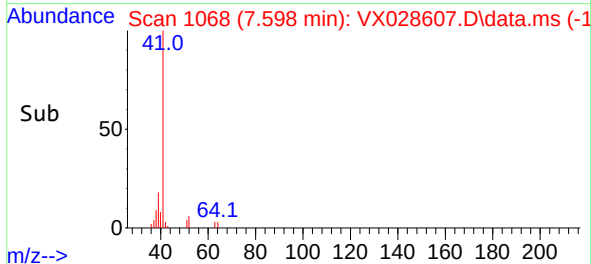
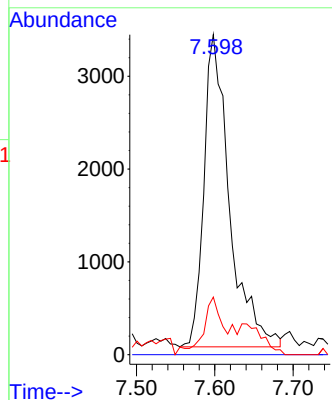
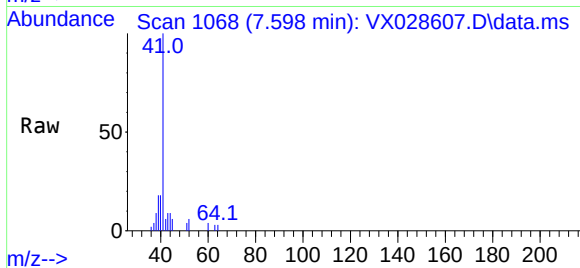
Tgt Ion: 41 Resp: 7631

Ion Ratio Lower Upper

41 100

69 0.0 82.5 123.7#

39 0.0 43.8 65.8#



#50

Toluene-d8

Concen: 51.073 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX028607.D

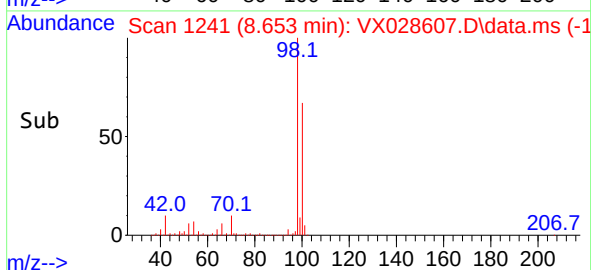
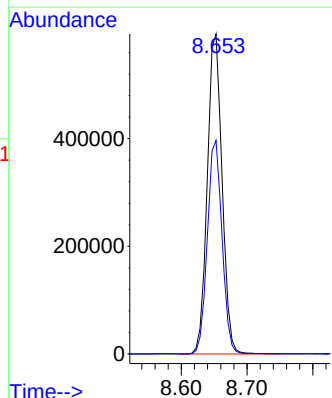
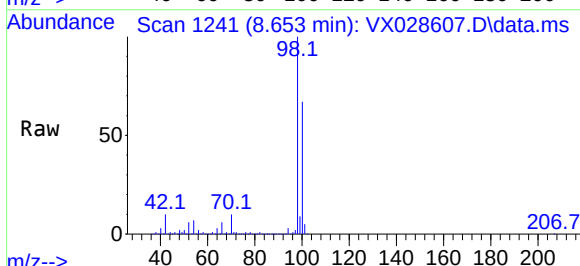
Acq: 10 May 2022 20:15

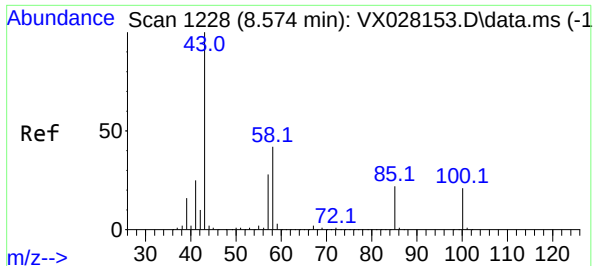
Tgt Ion: 98 Resp: 929817

Ion Ratio Lower Upper

98 100

100 66.3 52.6 78.8

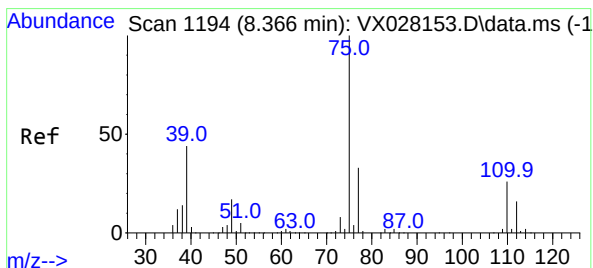
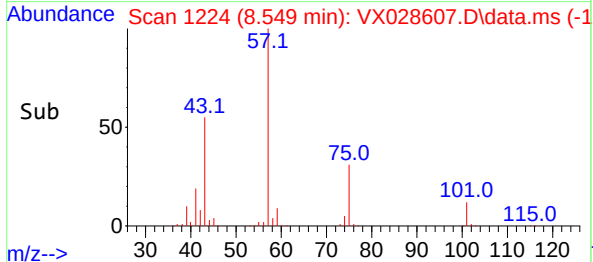
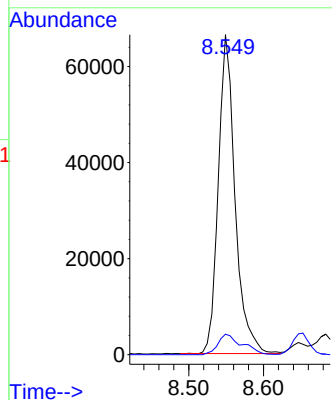
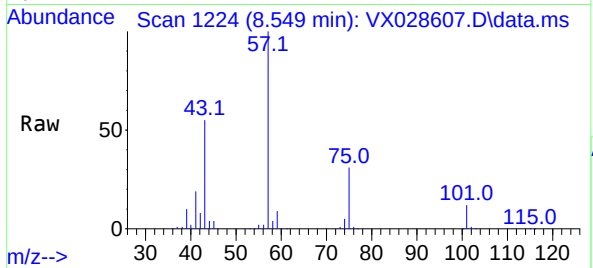




#51
4-Methyl-2-Pentanone
Concen: 15.821 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX028607.D
Acq: 10 May 2022 20:15

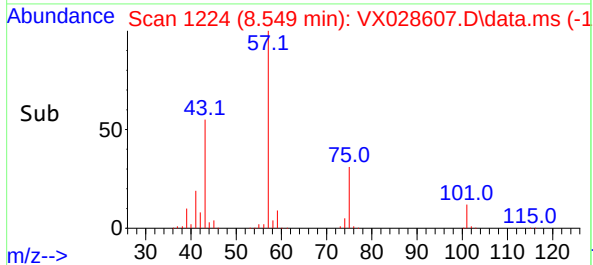
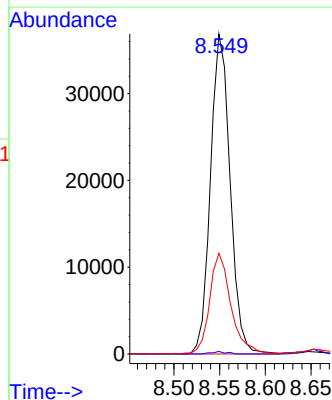
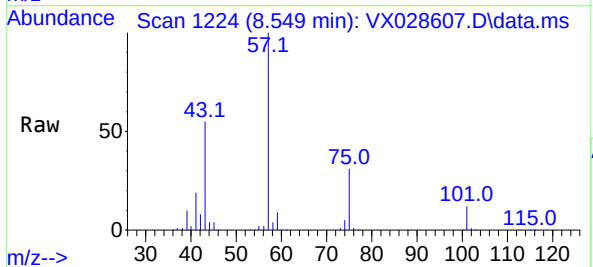
Instrument :
MSVOA_X
ClientSampleId :
TP-7

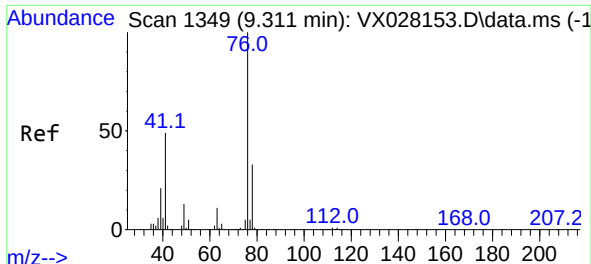
Tgt Ion: 43 Resp: 103662
Ion Ratio Lower Upper
43 100
58 9.2 36.1 54.1#



#54
cis-1,3-Dichloropropene
Concen: 7.225 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX028607.D
Acq: 10 May 2022 20:15

Tgt Ion: 75 Resp: 55077
Ion Ratio Lower Upper
75 100
77 0.8 24.8 37.2#
39 31.5 29.6 44.4

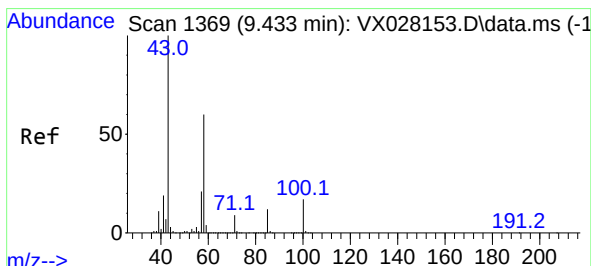
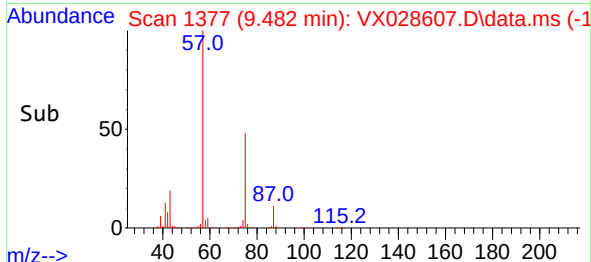
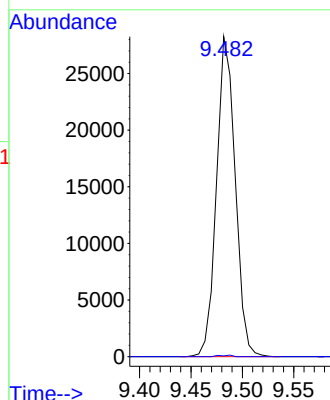
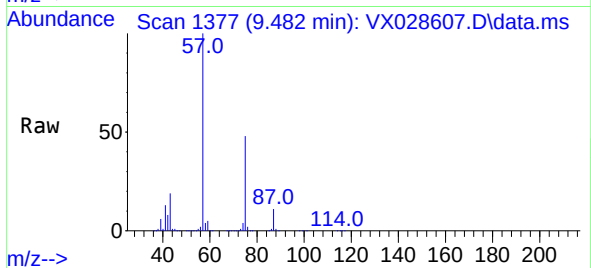




#57
1,3-Dichloropropane
Concen: 4.333 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX028607.D
Acq: 10 May 2022 20:15

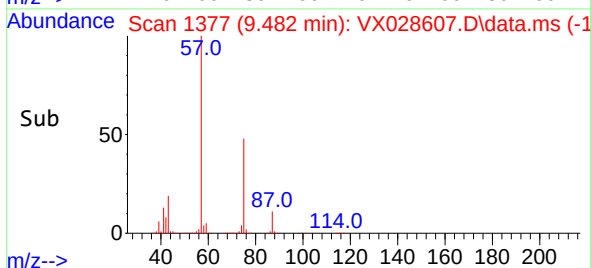
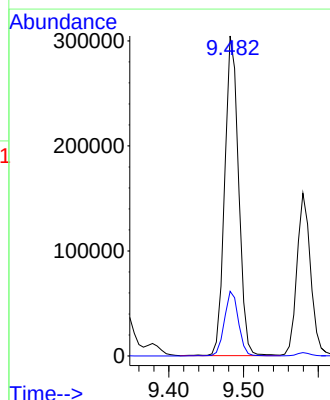
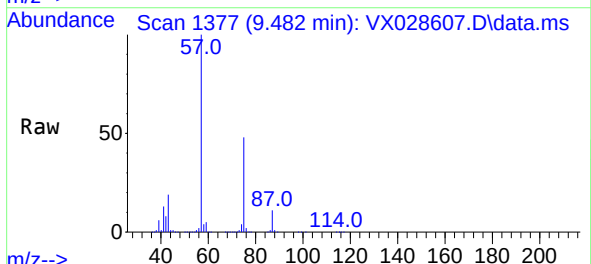
Instrument :
MSVOA_X
ClientSampleId :
TP-7

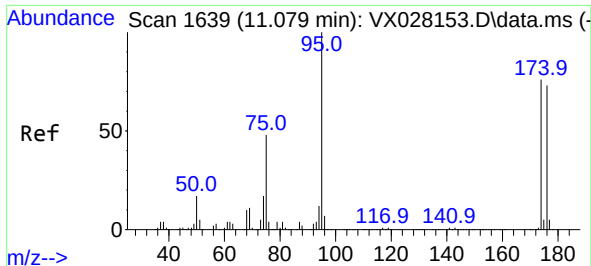
Tgt Ion: 76 Resp: 35726
Ion Ratio Lower Upper
76 100
78 0.3 25.8 38.8#



#59
2-Hexanone
Concen: 77.540 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX028607.D
Acq: 10 May 2022 20:15

Tgt Ion: 43 Resp: 393551
Ion Ratio Lower Upper
43 100
58 20.6 31.9 95.7#

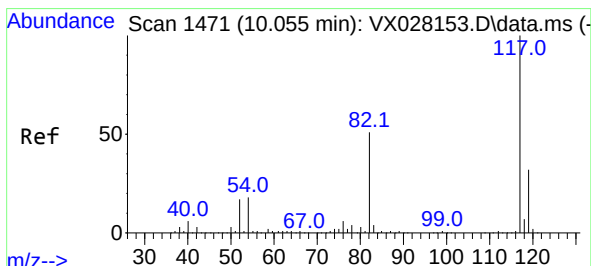
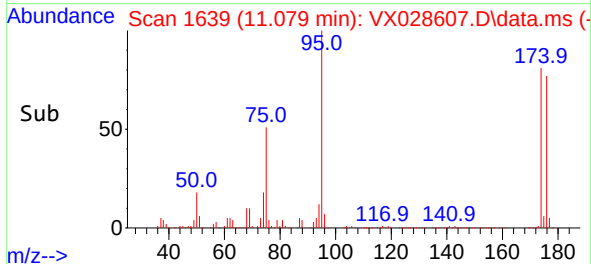
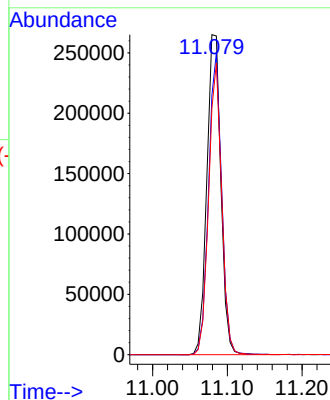
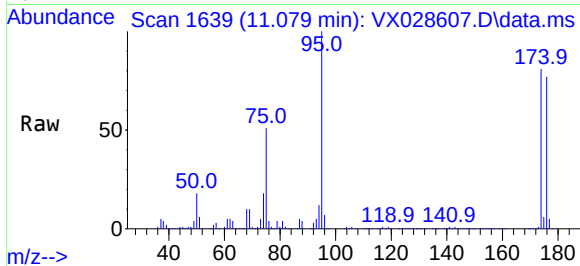




#62
4-Bromofluorobenzene
Concen: 49.670 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX028607.D
Acq: 10 May 2022 20:15

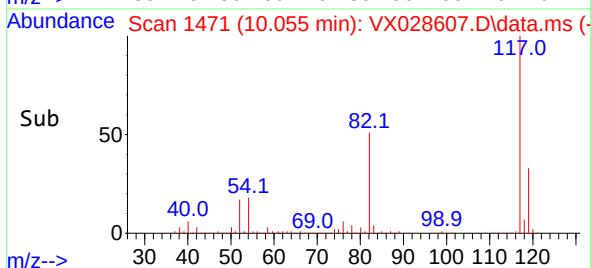
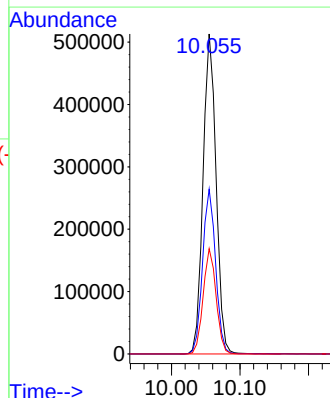
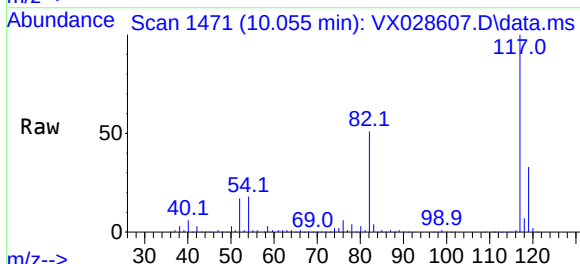
Instrument :
MSVOA_X
ClientSampleId :
TP-7

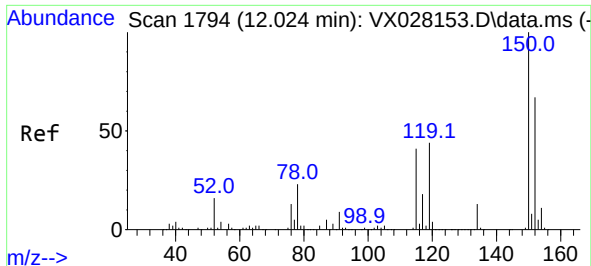
Tgt Ion: 95 Resp: 345754
Ion Ratio Lower Upper
95 100
174 87.9 0.0 163.0
176 84.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028607.D
Acq: 10 May 2022 20:15

Tgt Ion: 117 Resp: 681450
Ion Ratio Lower Upper
117 100
82 51.5 41.8 62.8
119 32.9 24.8 37.2

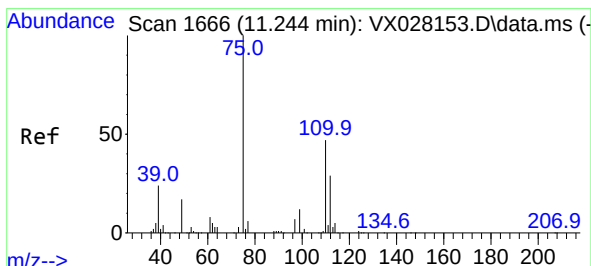
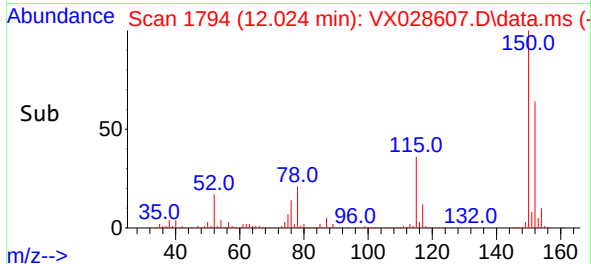
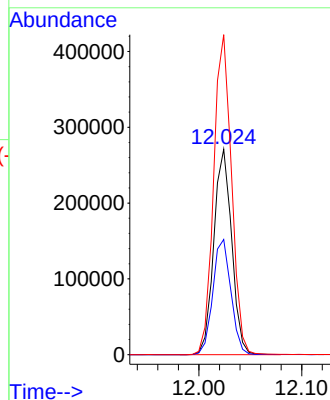
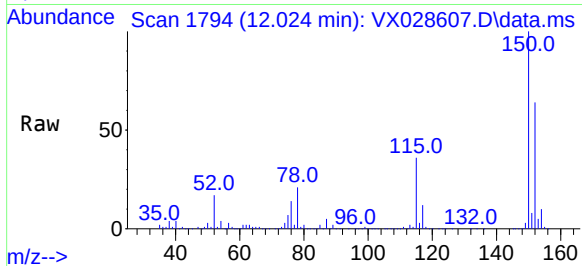




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028607.D
Acq: 10 May 2022 20:15

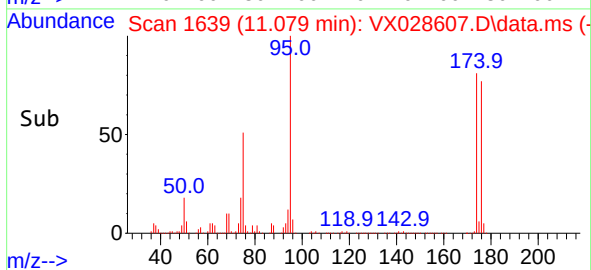
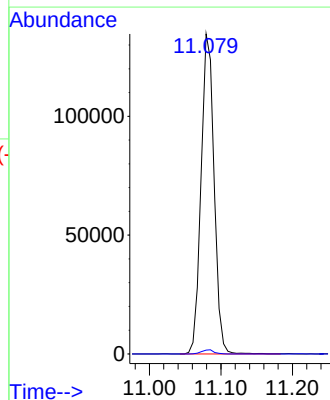
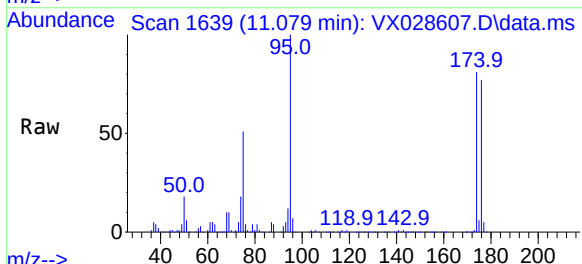
Instrument :
MSVOA_X
ClientSampleId :
TP-7

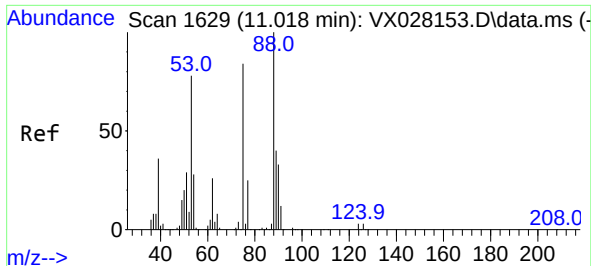
Tgt Ion:152 Resp: 326408
Ion Ratio Lower Upper
152 100
115 56.9 37.5 112.7
150 156.4 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 26.537 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028607.D
Acq: 10 May 2022 20:15

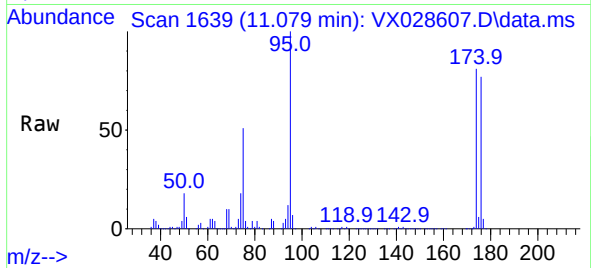
Tgt Ion: 75 Resp: 170473
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.862 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX028607.D
 Acq: 10 May 2022 20:15

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-7



Tgt Ion: 75 Resp: 170473
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

