

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090722\
 Data File : VX031197.D
 Acq On : 08 Sep 2022 07:38
 Operator : JC/MD
 Sample : PB147495ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB147495ZHE#01

Quant Time: Sep 08 13:59:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

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

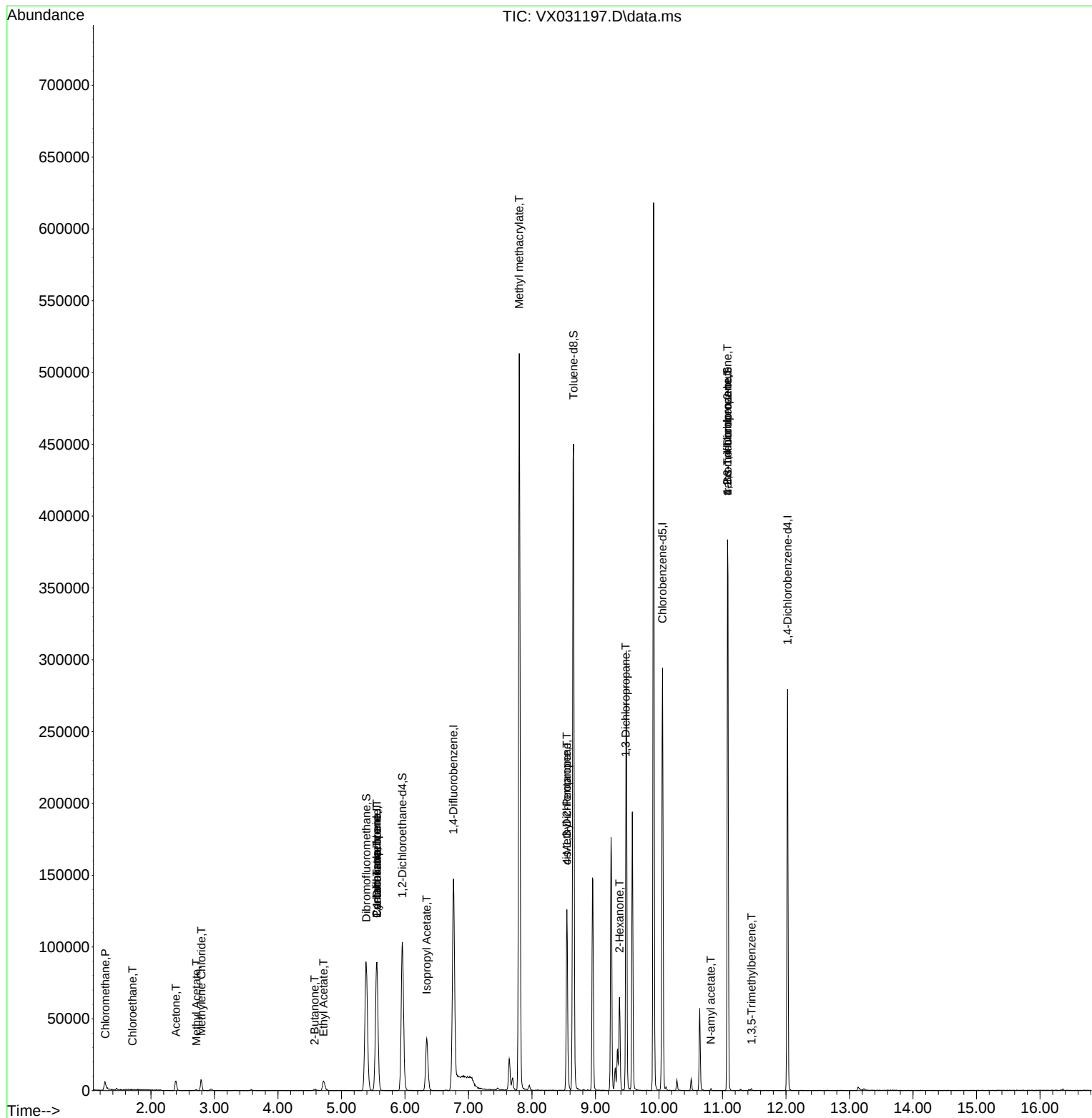
Internal Standards						
1) Pentafluorobenzene	5.556	168	72408	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	133899	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49669	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	113637	66.288	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 132.580%#	
35) Dibromofluoromethane	5.391	113	77498	53.112	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.220%	
50) Toluene-d8	8.653	98	268276	50.605	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.220%	
62) 4-Bromofluorobenzene	11.079	95	105881	54.500	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.282	50	236	0.264	ug/l	# 42
6) Chloroethane	1.709	64	340	0.574	ug/l	# 41
11) Tert butyl alcohol	2.947	59	882	Below Cal	#	74
16) Acetone	2.392	43	8861	14.928	ug/l	# 83
18) Methyl Acetate	2.715	43	782	0.509	ug/l	# 67
20) Methylene Chloride	2.794	84	3529	2.530	ug/l	# 76
25) 2-Butanone	4.574	43	1309	1.489	ug/l	# 17
31) Cyclohexane	5.556	56	1857	0.969	ug/l	# 26
36) 1,1-Dichloropropene	5.556	75	7024	3.214	ug/l	# 50
37) Ethyl Acetate	4.715	43	10859	5.602	ug/l	98
38) Carbon Tetrachloride	5.556	117	9360	4.071	ug/l	# 19
43) Isopropyl Acetate	6.342	43	47374	15.500	ug/l	# 96
48) Methyl methacrylate	7.799	41	45974	30.890	ug/l	# 42
51) 4-Methyl-2-Pentanone	8.549	43	42292	22.597	ug/l	# 48
54) cis-1,3-Dichloropropene	8.549	75	20639	8.201	ug/l	# 63
57) 1,3-Dichloropropane	9.476	76	2735	0.983	ug/l	# 42
59) 2-Hexanone	9.378	43	45531	32.170	ug/l	# 24
74) N-amyl acetate	10.817	43	445	0.324	ug/l	# 44
76) 1,2,3-Trichloropropane	11.079	75	59910	44.196	ug/l	# 37
80) 1,3,5-Trimethylbenzene	11.457	105	855	0.236	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.079	75	59910	142.528	ug/l	# 12

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090722\
Data File : VX031197.D
Acq On : 08 Sep 2022 07:38
Operator : JC/MD
Sample : PB147495ZHE#01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB147495ZHE#01

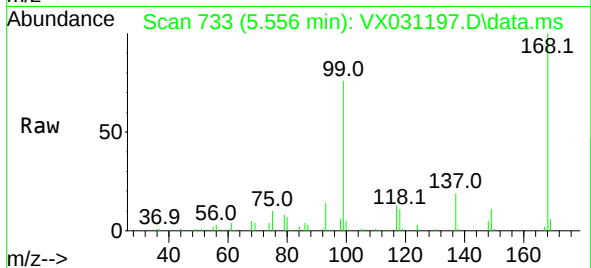
Quant Time: Sep 08 13:59:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 07 23:22:41 2022
Response via : Initial Calibration



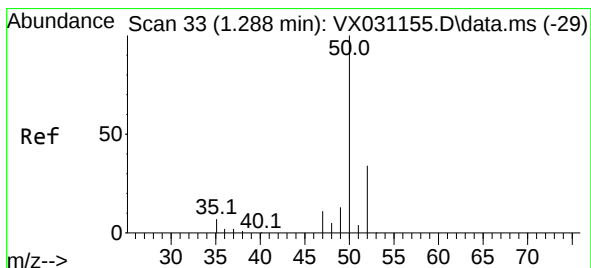
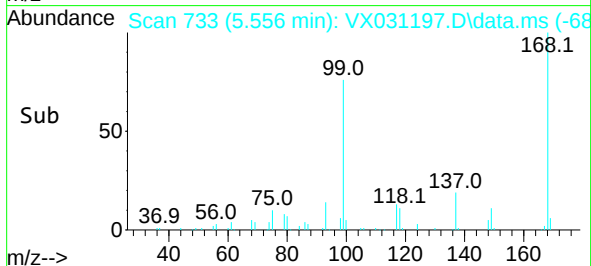
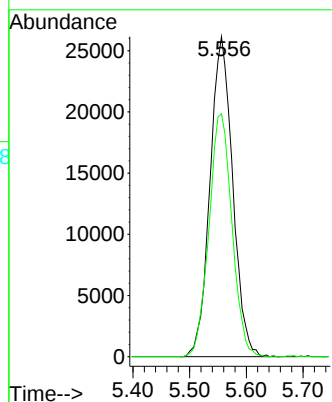


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031197.D
Acq: 08 Sep 2022 07:38

Instrument :
MSVOA_X
ClientSampleId :
PB147495ZHE#01

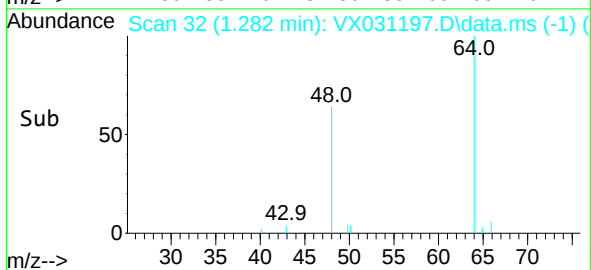
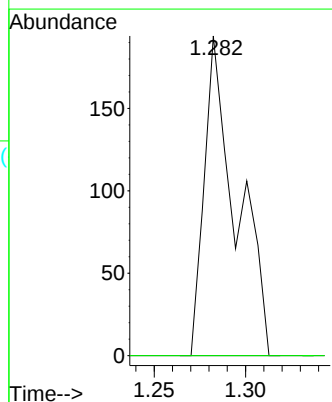
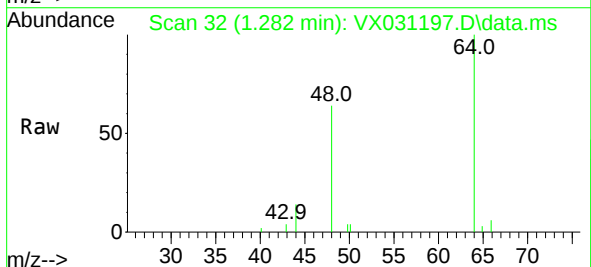


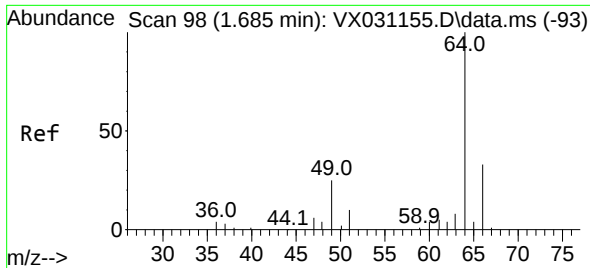
Tgt Ion:168 Resp: 72408
Ion Ratio Lower Upper
168 100
99 75.9 44.0 66.0#



#3
Chloromethane
Concen: 0.264 ug/l
RT: 1.282 min Scan# 32
Delta R.T. -0.006 min
Lab File: VX031197.D
Acq: 08 Sep 2022 07:38

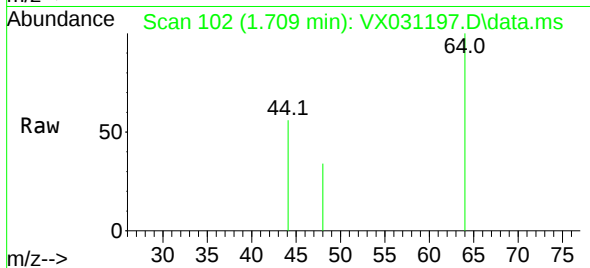
Tgt Ion: 50 Resp: 236
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5#



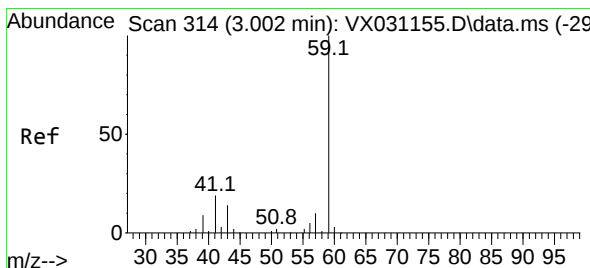
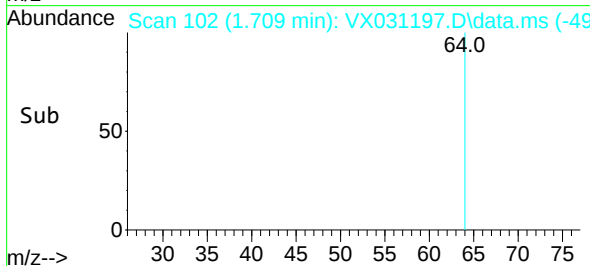
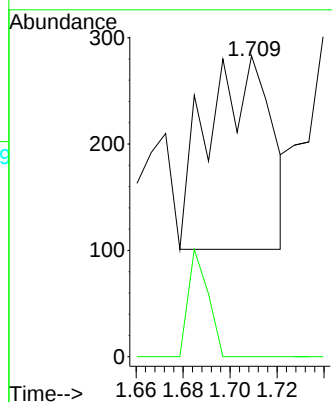


#6
Chloroethane
Concen: 0.574 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.024 min
Lab File: VX031197.D
Acq: 08 Sep 2022 07:38

Instrument :
MSVOA_X
ClientSampleId :
PB147495ZHE#01

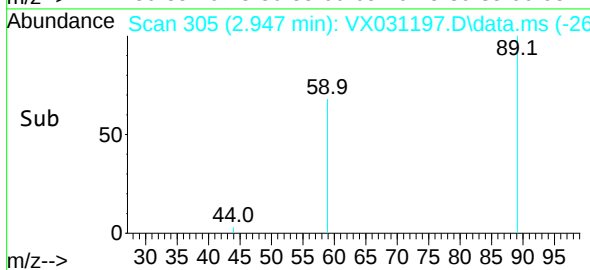
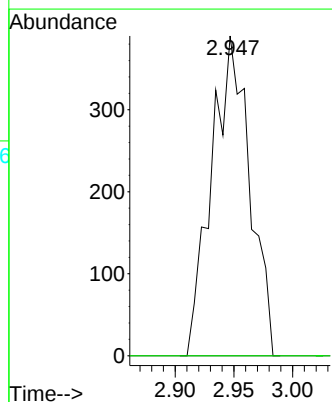
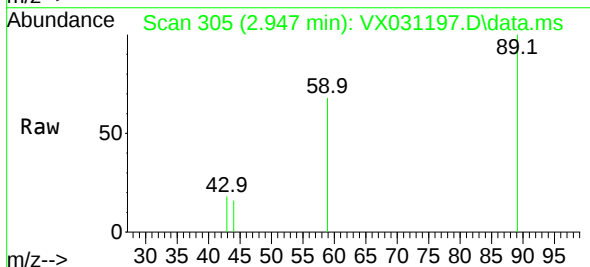


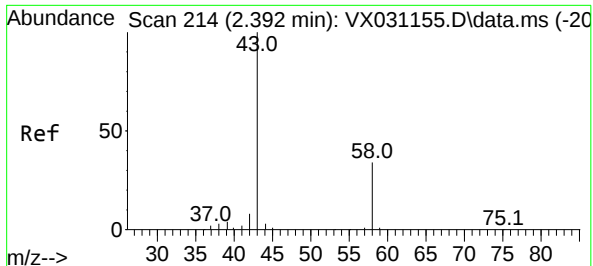
Tgt Ion: 64 Resp: 340
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.055 min
Lab File: VX031197.D
Acq: 08 Sep 2022 07:38

Tgt Ion: 59 Resp: 882
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

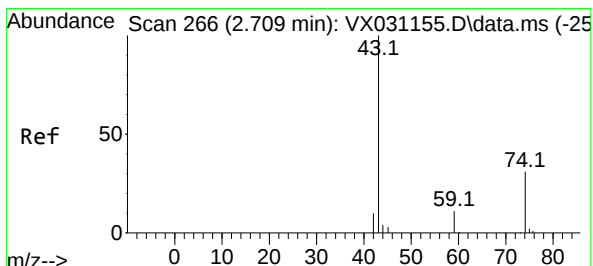
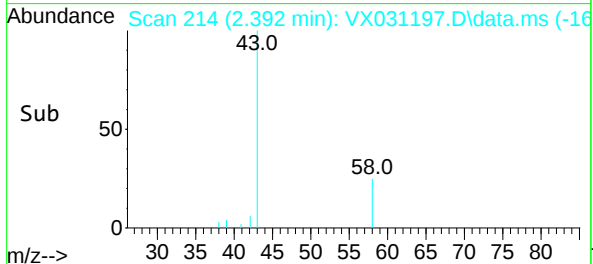
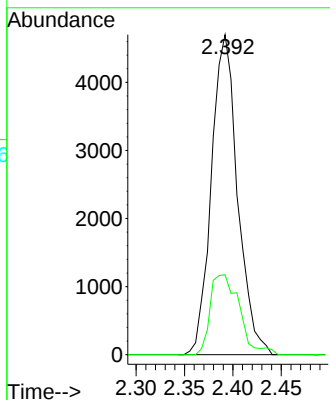
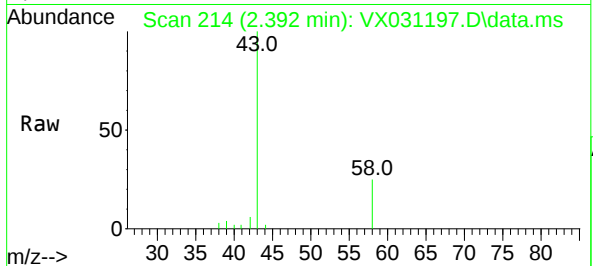




#16
Acetone
Concen: 14.928 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX031197.D
Acq: 08 Sep 2022 07:38

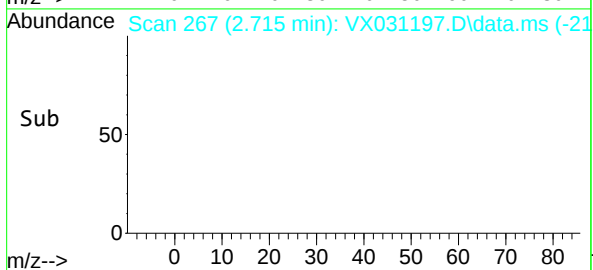
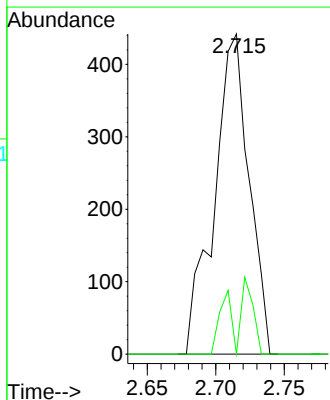
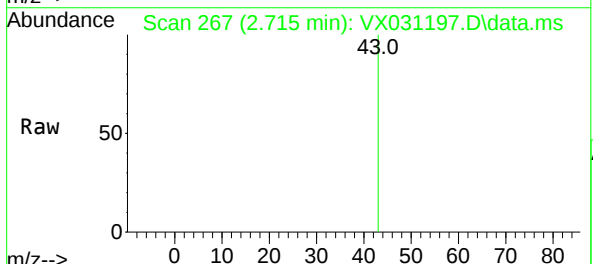
Instrument :
MSVOA_X
ClientSampleId :
PB147495ZHE#01

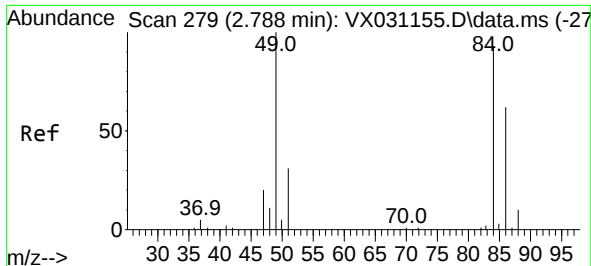
Tgt Ion: 43 Resp: 8861
Ion Ratio Lower Upper
43 100
58 25.0 27.7 41.5#



#18
Methyl Acetate
Concen: 0.509 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX031197.D
Acq: 08 Sep 2022 07:38

Tgt Ion: 43 Resp: 782
Ion Ratio Lower Upper
43 100
74 8.1 19.4 29.2#

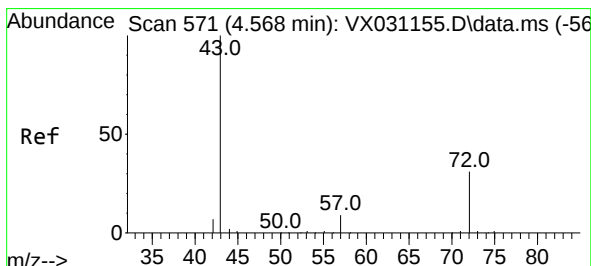
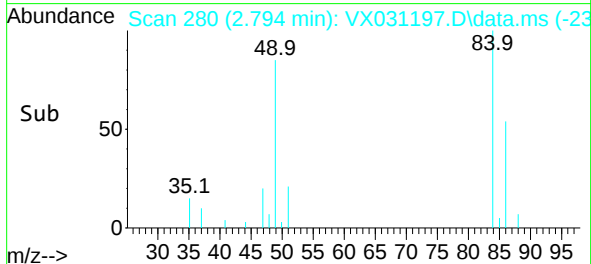
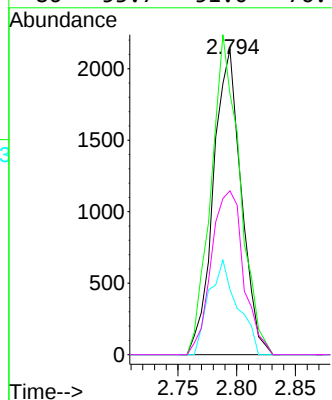
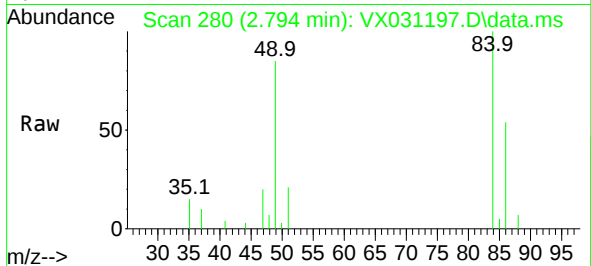




#20
Methylene Chloride
Concen: 2.530 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX031197.D
Acq: 08 Sep 2022 07:38

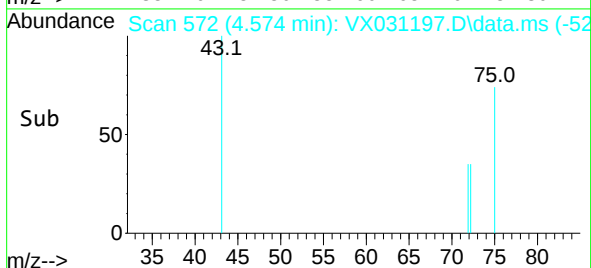
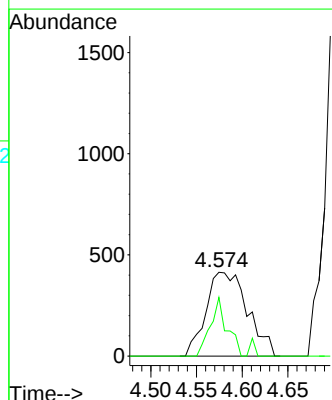
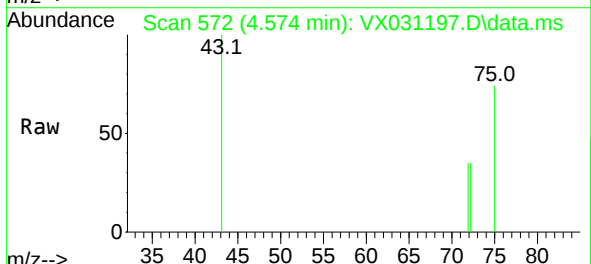
Instrument :
MSVOA_X
ClientSampleId :
PB147495ZHE#01

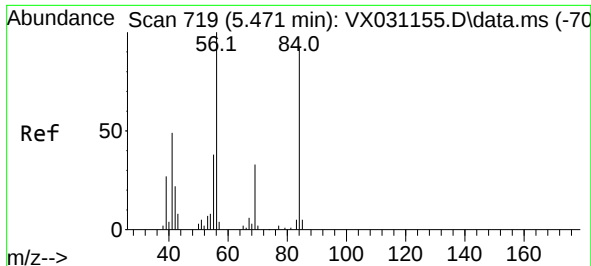
Tgt Ion: 84	Resp: 3529
Ion Ratio	Lower Upper
84 100	
49 85.4	93.8 140.6#
51 21.4	29.4 44.0#
86 53.7	51.0 76.4



#25
2-Butanone
Concen: 1.489 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX031197.D
Acq: 08 Sep 2022 07:38

Tgt Ion: 43	Resp: 1309		
Ion Ratio	Lower	Upper	
43 100			
72 70.0	21.7	32.5#	





#31

Cyclohexane

Concen: 0.969 ug/l

RT: 5.556 min Scan# 719

Delta R.T. 0.085 min

Lab File: VX031197.D

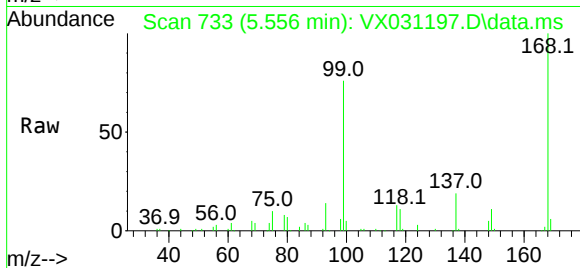
Acq: 08 Sep 2022 07:38

Instrument :

MSVOA_X

ClientSampleId :

PB147495ZHE#01



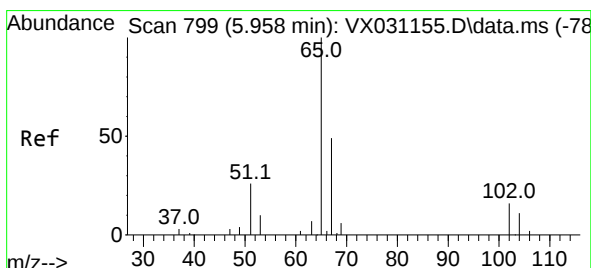
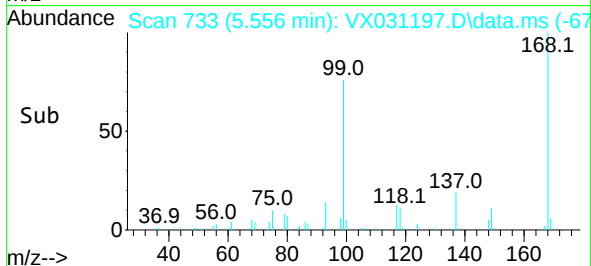
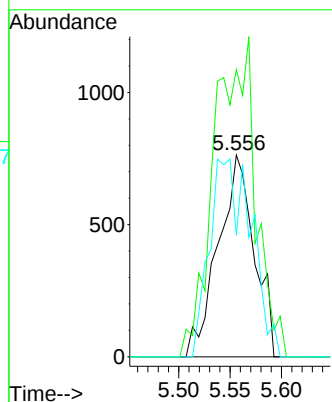
Tgt Ion: 56 Resp: 1857

Ion Ratio Lower Upper

56 100

69 142.5 25.4 38.0#

84 60.3 68.9 103.3#



#33

1,2-Dichloroethane-d4

Concen: 66.288 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031197.D

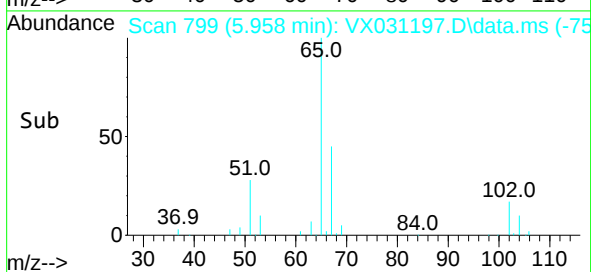
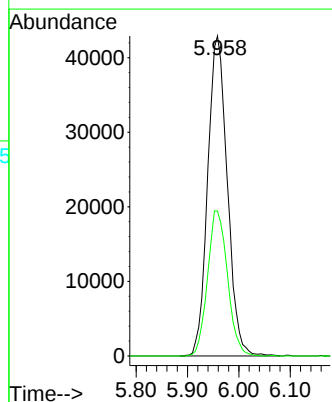
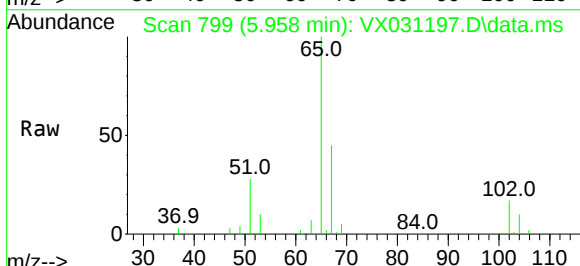
Acq: 08 Sep 2022 07:38

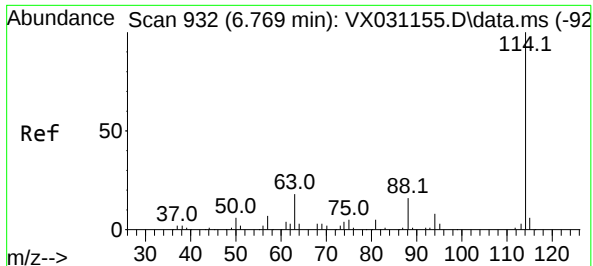
Tgt Ion: 65 Resp: 113637

Ion Ratio Lower Upper

65 100

67 46.2 0.0 109.6

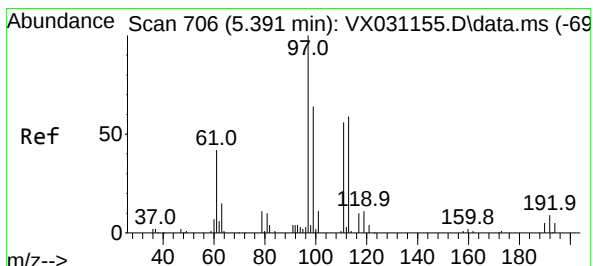
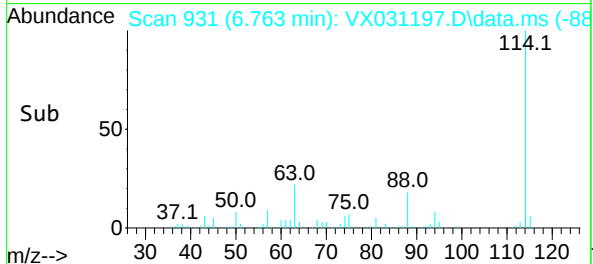
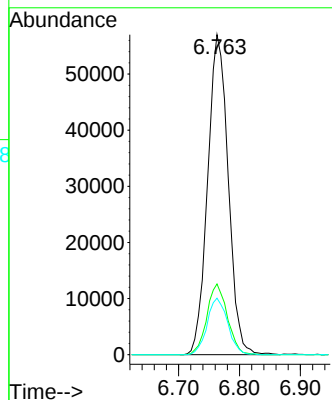
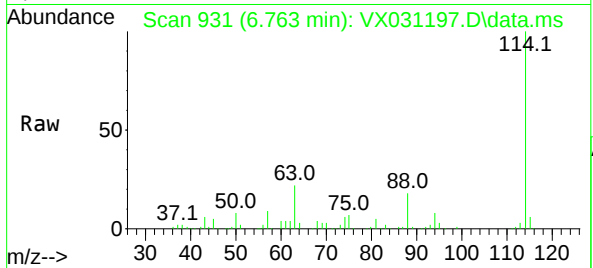




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX031197.D
Acq: 08 Sep 2022 07:38

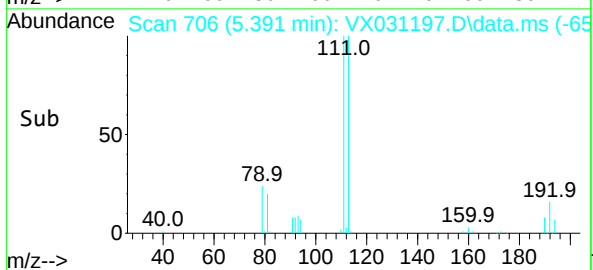
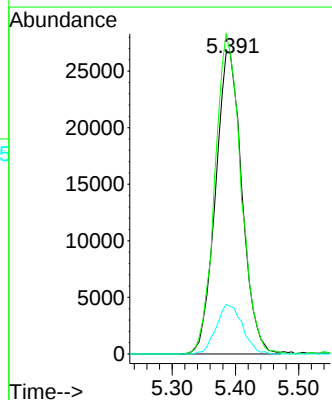
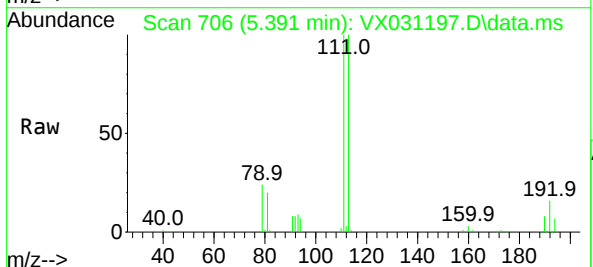
Instrument :
MSVOA_X
ClientSampleId :
PB147495ZHE#01

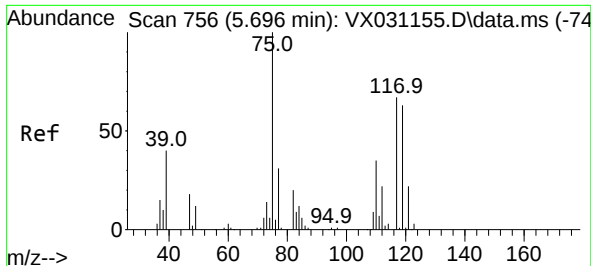
Tgt Ion:114 Resp: 133899
Ion Ratio Lower Upper
114 100
63 22.1 0.0 38.4
88 17.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 53.112 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031197.D
Acq: 08 Sep 2022 07:38

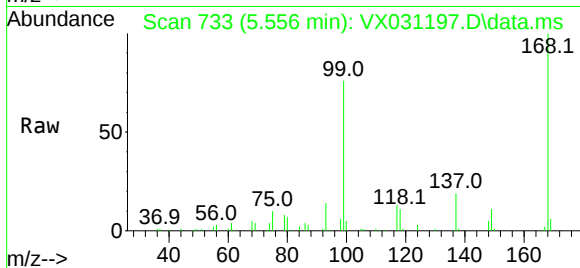
Tgt Ion:113 Resp: 77498
Ion Ratio Lower Upper
113 100
111 104.5 83.2 124.8
192 16.2 14.8 22.2



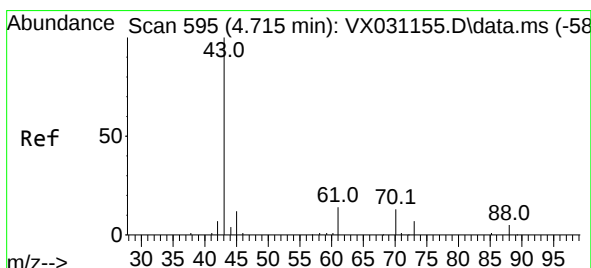
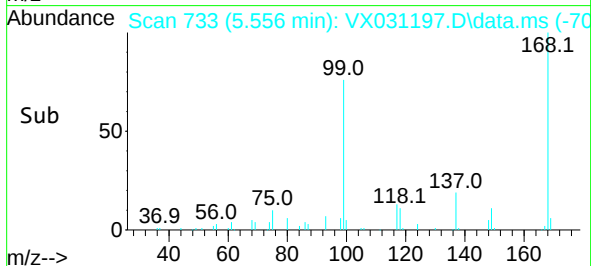
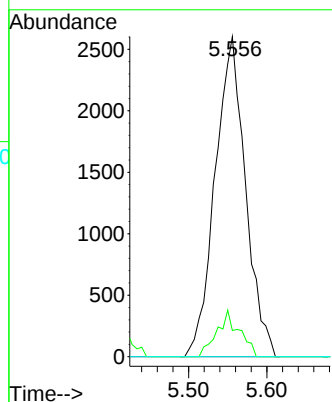


#36
1,1-Dichloropropene
Concen: 3.214 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX031197.D
Acq: 08 Sep 2022 07:38

Instrument :
MSVOA_X
ClientSampleId :
PB147495ZHE#01

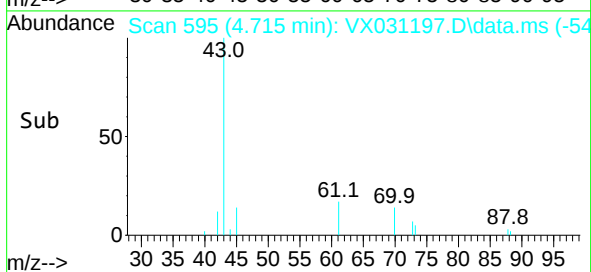
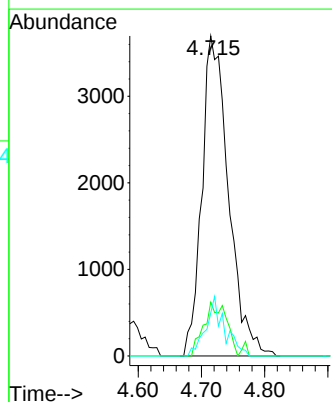
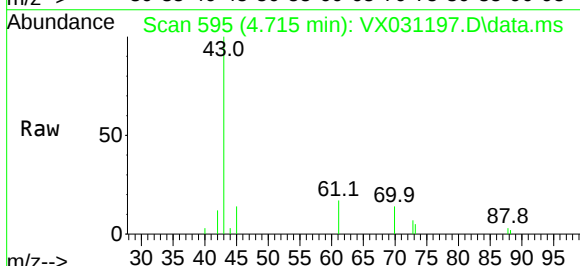


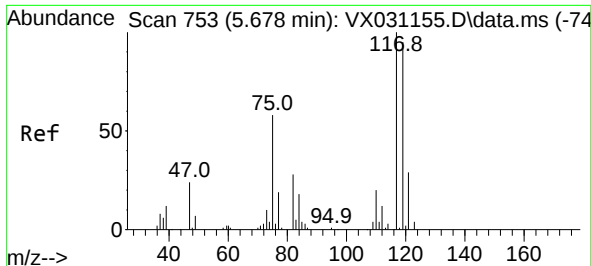
Tgt Ion: 75 Resp: 7024
Ion Ratio Lower Upper
75 100
110 10.6 19.3 57.9#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 5.602 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX031197.D
Acq: 08 Sep 2022 07:38

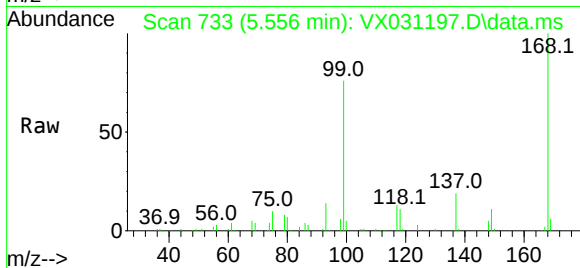
Tgt Ion: 43 Resp: 10859
Ion Ratio Lower Upper
43 100
61 14.3 11.7 17.5
70 13.1 9.3 13.9



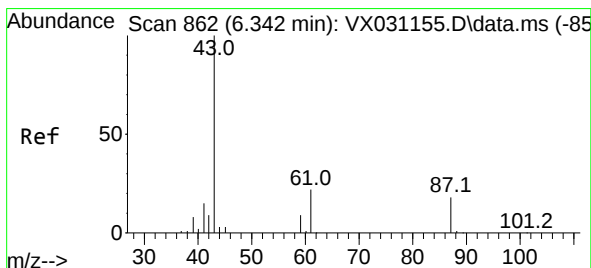
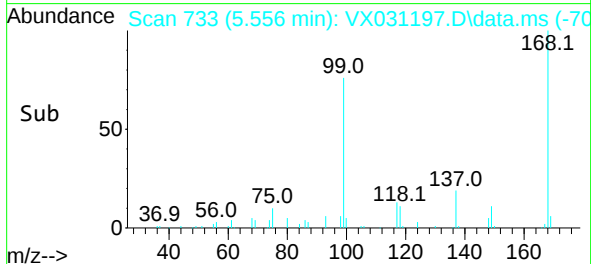
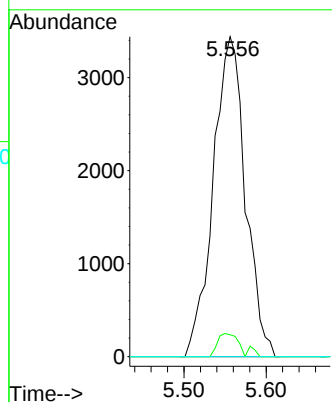


#38
Carbon Tetrachloride
Concen: 4.071 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX031197.D
Acq: 08 Sep 2022 07:38

Instrument :
MSVOA_X
ClientSampleId :
PB147495ZHE#01

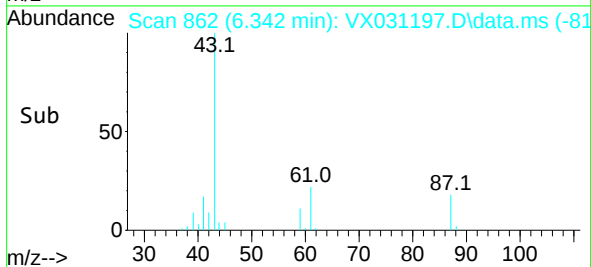
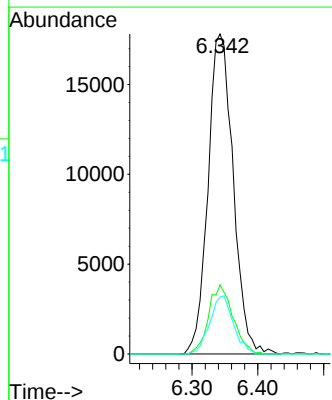
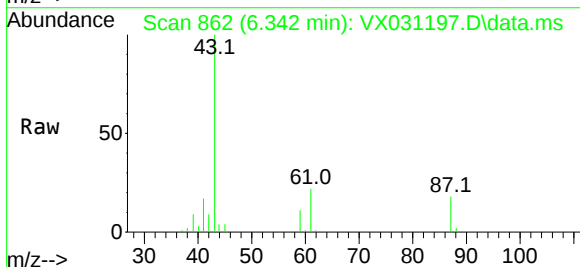


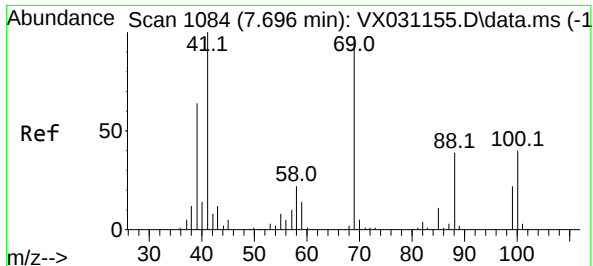
Tgt Ion:117 Resp: 9360
Ion Ratio Lower Upper
117 100
119 6.9 74.1 111.1#
121 0.0 25.8 38.8#



#43
Isopropyl Acetate
Concen: 15.500 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX031197.D
Acq: 08 Sep 2022 07:38

Tgt Ion: 43 Resp: 47374
Ion Ratio Lower Upper
43 100
61 21.0 16.5 24.7
87 17.1 11.1 16.7#





#48

Methyl methacrylate

Concen: 30.890 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.104 min

Lab File: VX031197.D

Acq: 08 Sep 2022 07:38

Instrument :

MSVOA_X

ClientSampleId :

PB147495ZHE#01

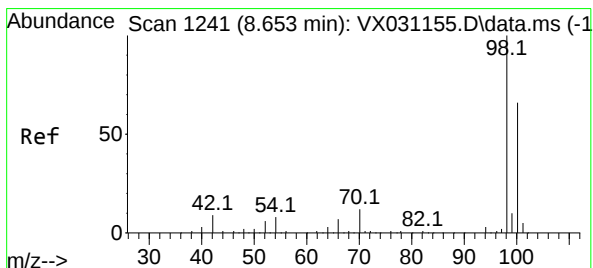
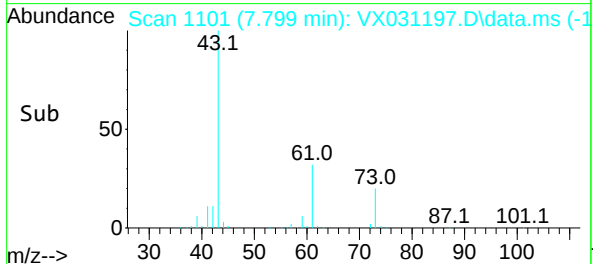
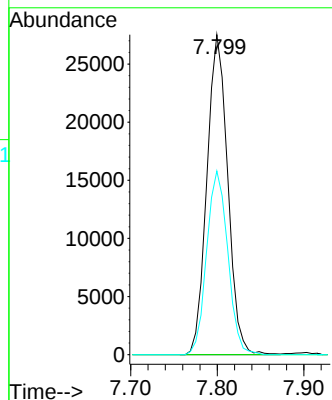
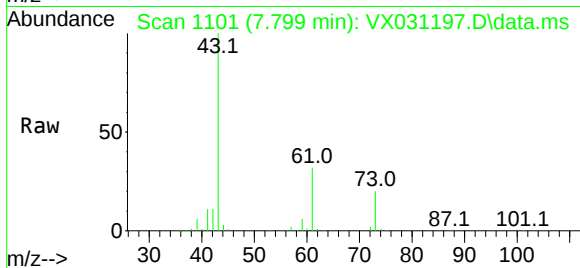
Tgt Ion: 41 Resp: 45974

Ion Ratio Lower Upper

41 100

69 0.0 68.8 103.2#

39 58.3 44.6 66.8



#50

Toluene-d8

Concen: 50.605 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX031197.D

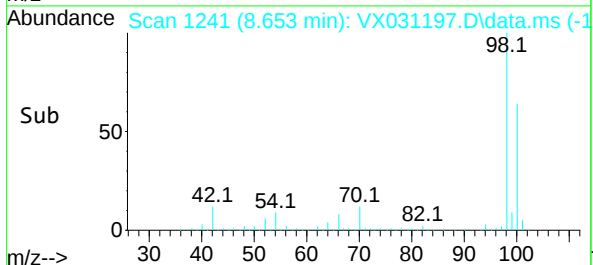
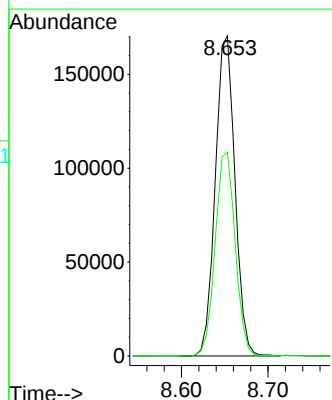
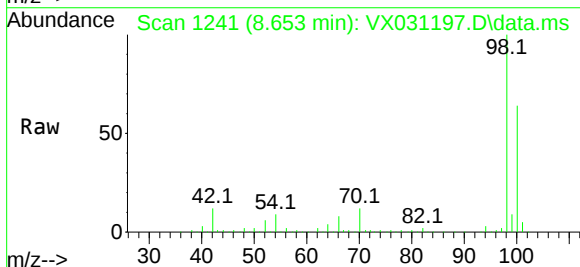
Acq: 08 Sep 2022 07:38

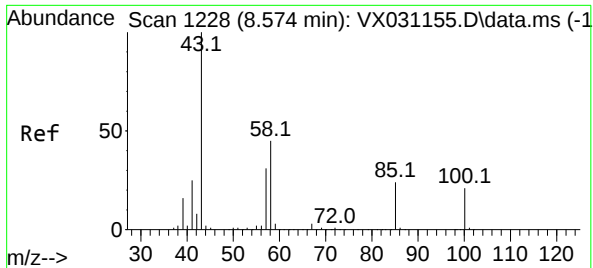
Tgt Ion: 98 Resp: 268276

Ion Ratio Lower Upper

98 100

100 65.0 52.3 78.5

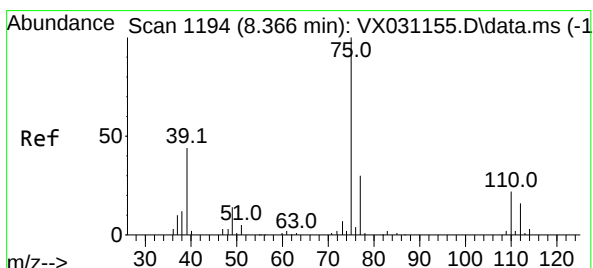
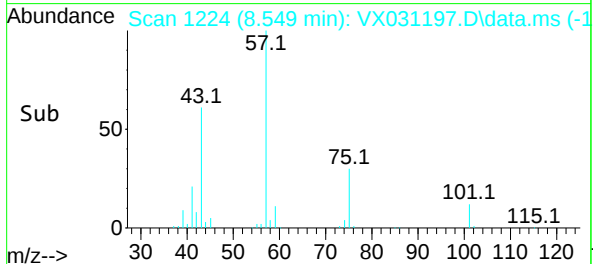
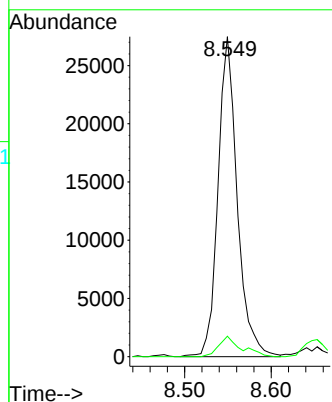
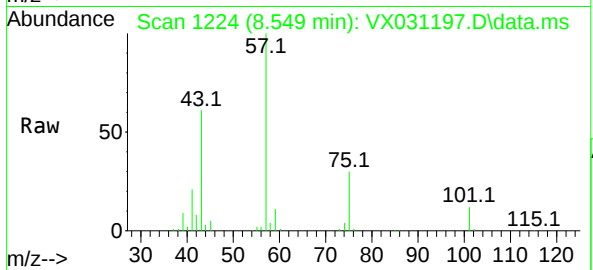




#51
4-Methyl-2-Pentanone
Concen: 22.597 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX031197.D
Acq: 08 Sep 2022 07:38

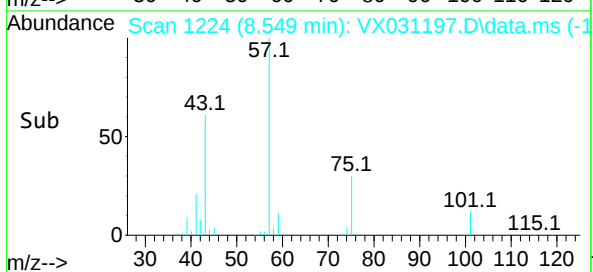
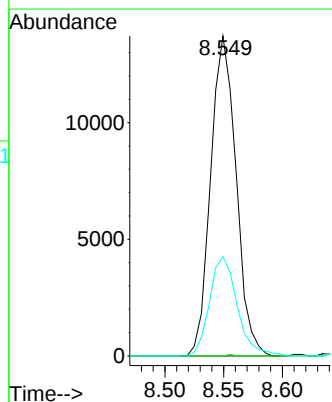
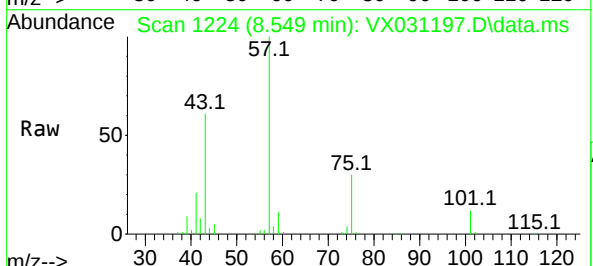
Instrument :
MSVOA_X
ClientSampleId :
PB147495ZHE#01

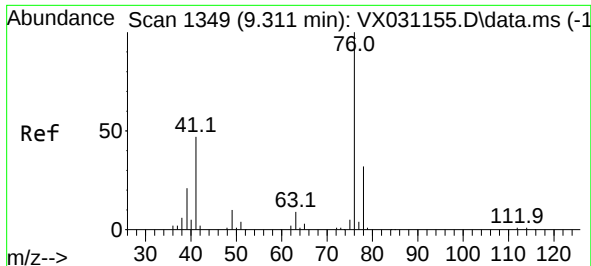
Tgt Ion: 43 Resp: 42292
Ion Ratio Lower Upper
43 100
58 7.5 31.4 47.2#



#54
cis-1,3-Dichloropropene
Concen: 8.201 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX031197.D
Acq: 08 Sep 2022 07:38

Tgt Ion: 75 Resp: 20639
Ion Ratio Lower Upper
75 100
77 0.0 25.0 37.4#
39 31.0 37.5 56.3#





#57

1,3-Dichloropropane

Concen: 0.983 ug/l

RT: 9.476 min Scan# 11

Delta R.T. 0.165 min

Lab File: VX031197.D

Acq: 08 Sep 2022 07:38

Instrument :

MSVOA_X

ClientSampleId :

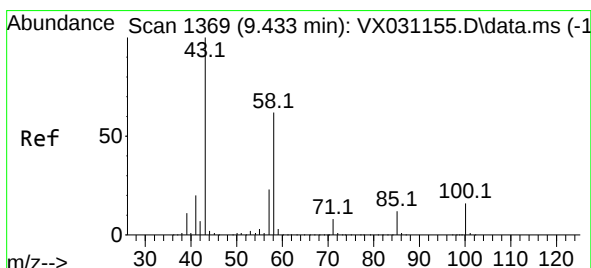
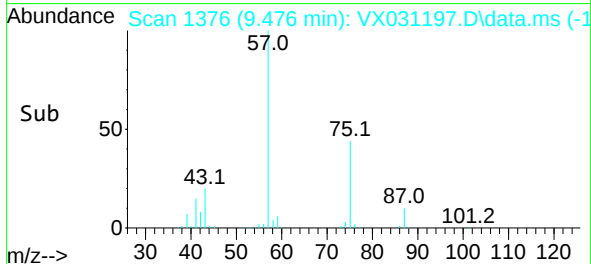
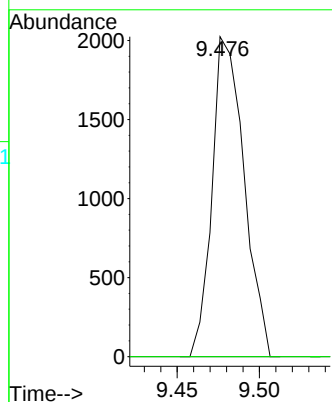
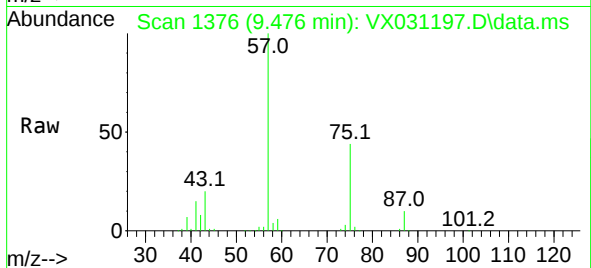
PB147495ZHE#01

Tgt Ion: 76 Resp: 2735

Ion Ratio Lower Upper

76 100

78 0.0 25.9 38.9#



#59

2-Hexanone

Concen: 32.170 ug/l

RT: 9.378 min Scan# 1360

Delta R.T. -0.055 min

Lab File: VX031197.D

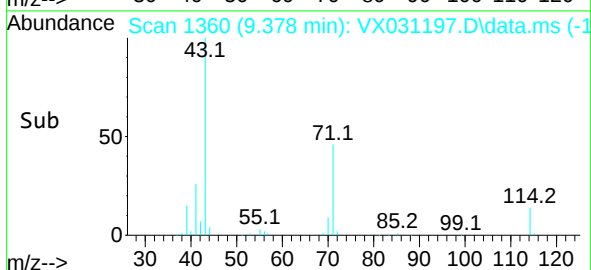
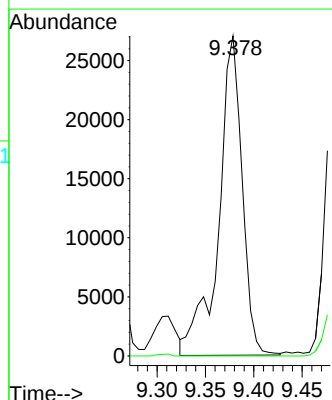
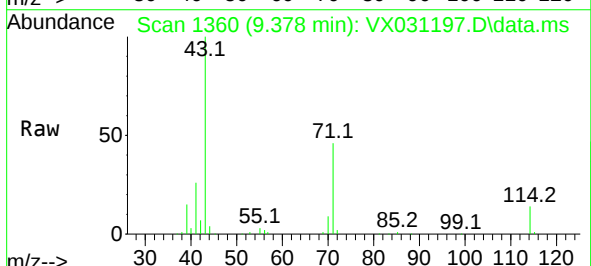
Acq: 08 Sep 2022 07:38

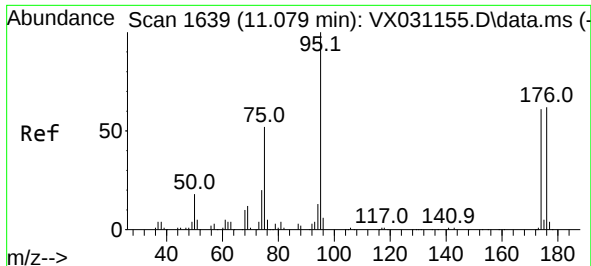
Tgt Ion: 43 Resp: 45531

Ion Ratio Lower Upper

43 100

58 0.0 27.6 82.8#

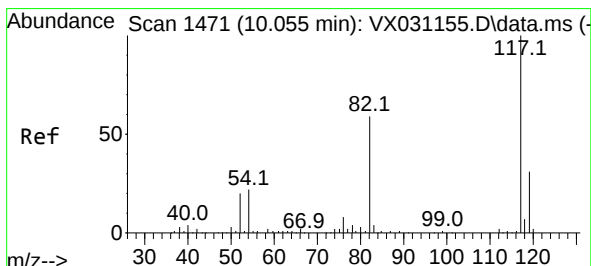
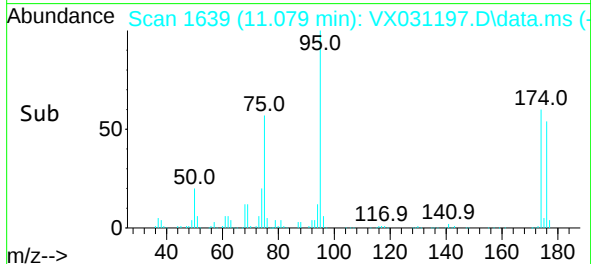
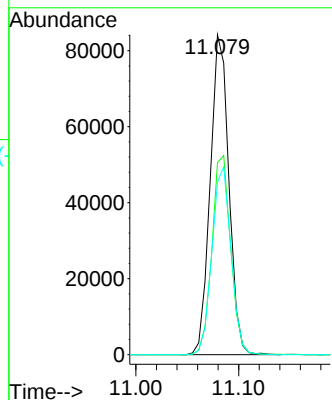
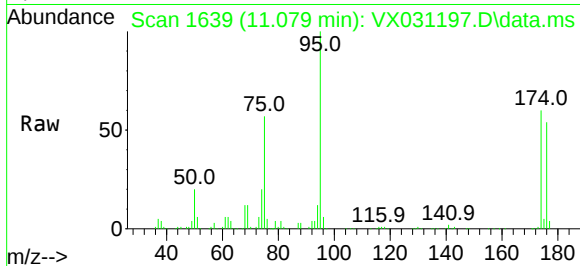




#62
4-Bromofluorobenzene
Concen: 54.500 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031197.D
Acq: 08 Sep 2022 07:38

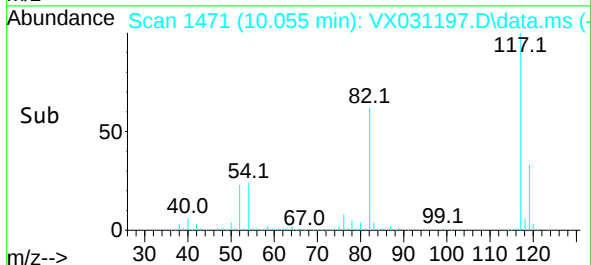
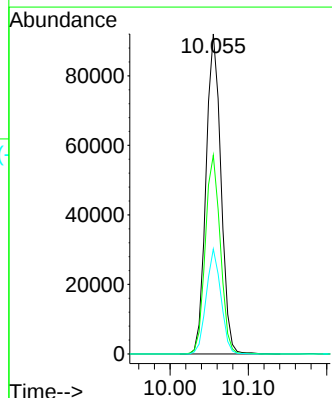
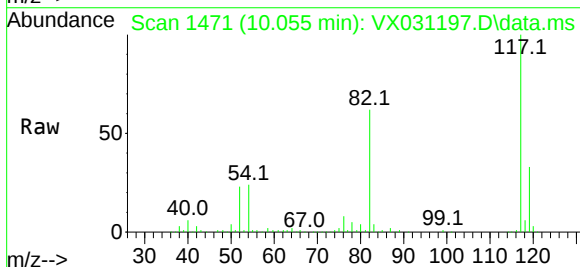
Instrument :
MSVOA_X
ClientSampleId :
PB147495ZHE#01

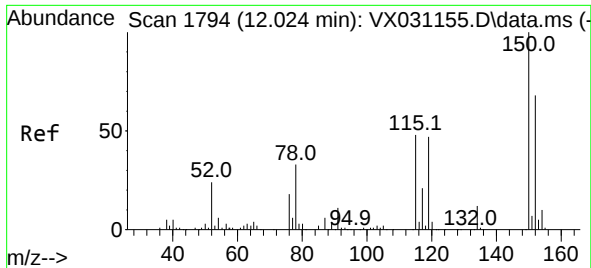
Tgt Ion: 95 Resp: 105881
Ion Ratio Lower Upper
95 100
174 62.9 0.0 149.0
176 60.1 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031197.D
Acq: 08 Sep 2022 07:38

Tgt Ion: 117 Resp: 121606
Ion Ratio Lower Upper
117 100
82 62.1 42.7 64.1
119 32.8 25.4 38.2

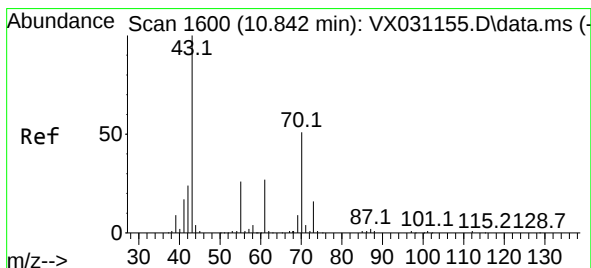
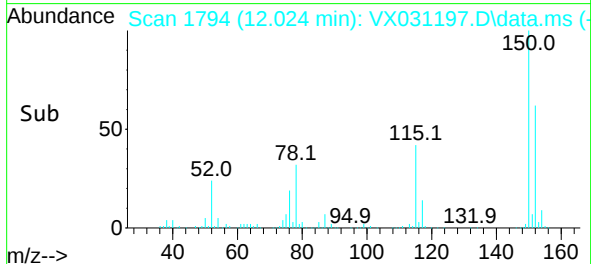
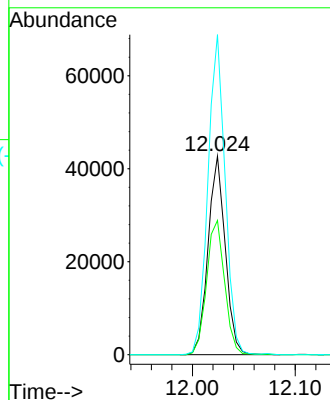
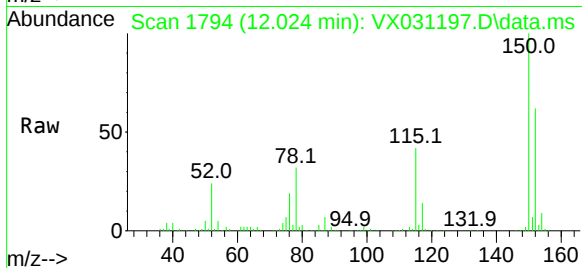




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031197.D
Acq: 08 Sep 2022 07:38

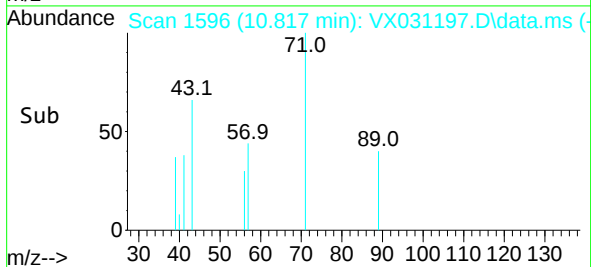
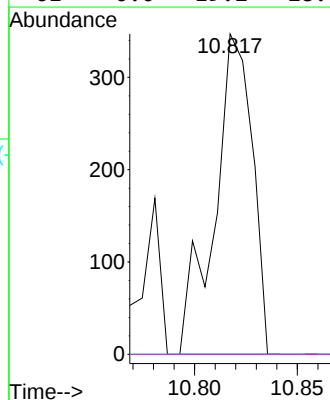
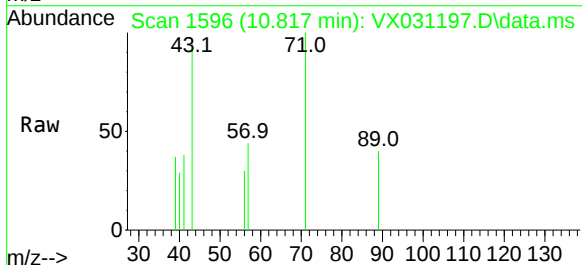
Instrument :
MSVOA_X
ClientSampleId :
PB147495ZHE#01

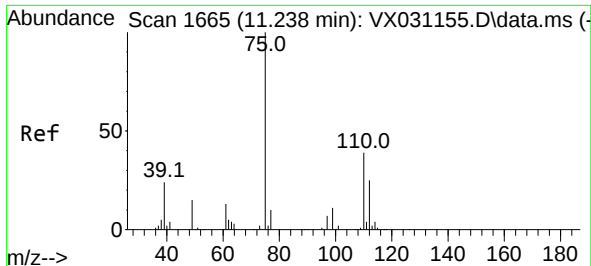
Tgt Ion:152 Resp: 49669
Ion Ratio Lower Upper
152 100
115 71.0 40.5 121.5
150 161.3 0.0 347.0



#74
N-ethyl acetate
Concen: 0.324 ug/l
RT: 10.817 min Scan# 1596
Delta R.T. -0.024 min
Lab File: VX031197.D
Acq: 08 Sep 2022 07:38

Tgt Ion: 43 Resp: 445
Ion Ratio Lower Upper
43 100
70 0.0 32.3 48.5#
55 0.0 18.4 27.6#
61 0.0 19.2 28.8#

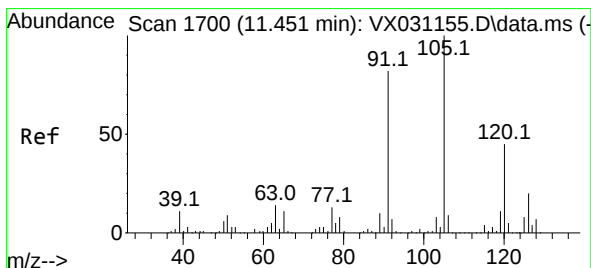
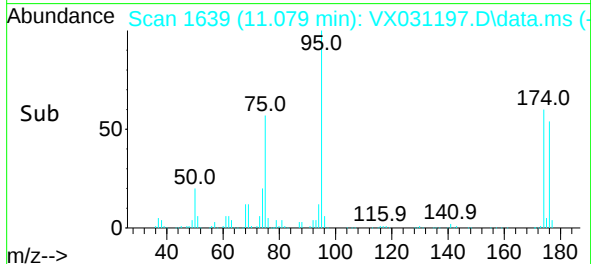
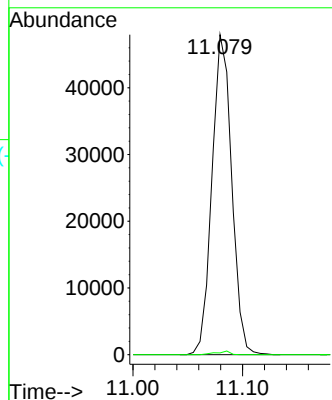
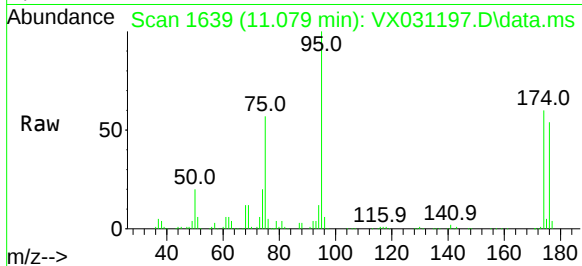




#76
1,2,3-Trichloropropane
Concen: 44.196 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031197.D
Acq: 08 Sep 2022 07:38

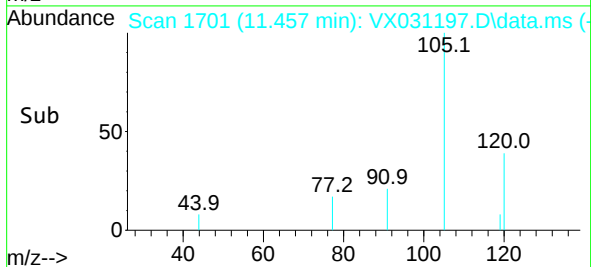
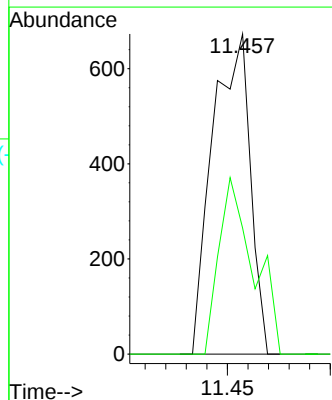
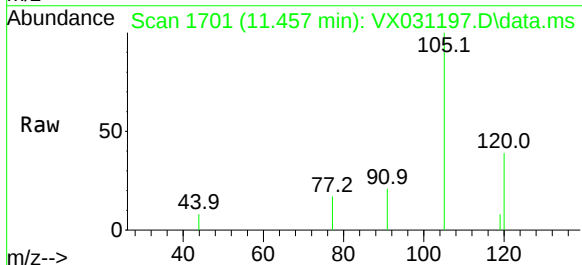
Instrument :
MSVOA_X
ClientSampleId :
PB147495ZHE#01

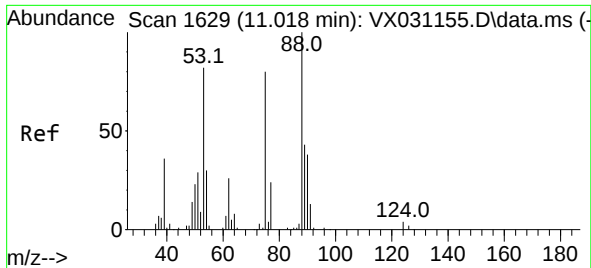
Tgt Ion: 75 Resp: 59910
Ion Ratio Lower Upper
75 100
77 0.8 19.8 59.3#



#80
1,3,5-Trimethylbenzene
Concen: 0.236 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX031197.D
Acq: 08 Sep 2022 07:38

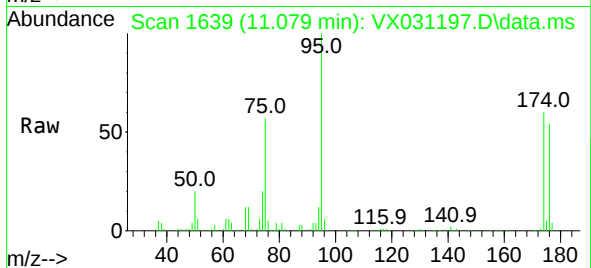
Tgt Ion: 105 Resp: 855
Ion Ratio Lower Upper
105 100
120 50.6 24.4 73.2





#81
 trans-1,4-Dichloro-2-butene
 Concen: 142.528 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX031197.D
 Acq: 08 Sep 2022 07:38

Instrument :
 MSVOA_X
 ClientSampleId :
 PB147495ZHE#01



Tgt Ion: 75 Resp: 59910
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

