

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091622\
 Data File : VX031432.D
 Acq On : 17 Sep 2022 00:12
 Operator : JC/MD
 Sample : PB147603ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB147603ZHE#01

Quant Time: Sep 17 04:28:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

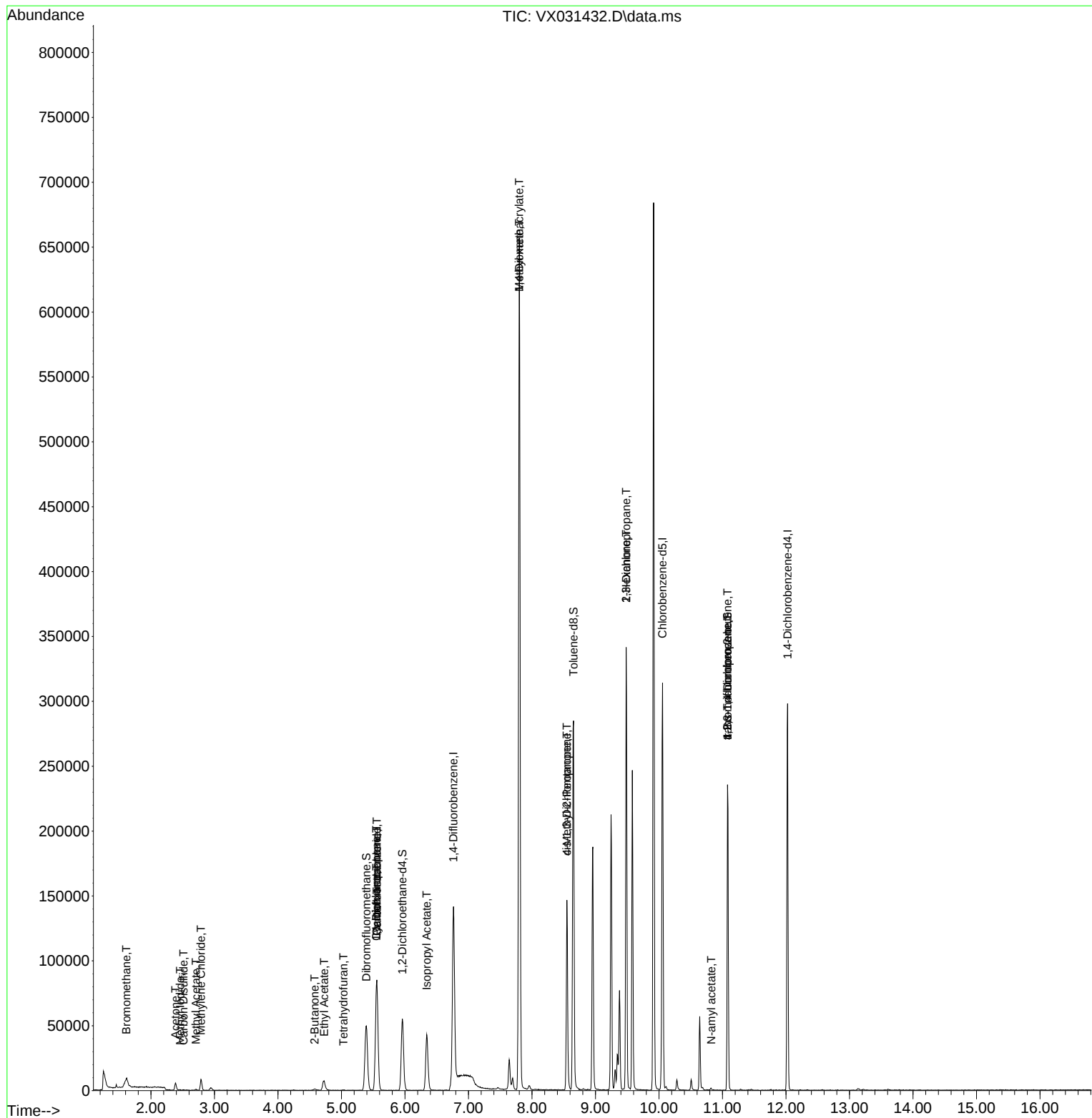
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	80811	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	134958	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	131874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58596	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	49382	24.896	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	49.800%#
35) Dibromofluoromethane	5.391	113	41749	28.778	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	57.560%#
50) Toluene-d8	8.653	98	167453	30.772	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	61.540%#
62) 4-Bromofluorobenzene	11.079	95	53511	26.853	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	53.700%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	361	Below Cal	#	41
5) Bromomethane	1.612	94	742	0.701	ug/l	82
10) Methyl Iodide	2.459	142	327	1.154	ug/l	# 71
11) Tert butyl alcohol	2.941	59	1412	Below Cal	#	73
16) Acetone	2.386	43	6027	7.118	ug/l	97
17) Carbon Disulfide	2.514	76	334	1.001	ug/l	# 75
18) Methyl Acetate	2.709	43	1081	0.431	ug/l	# 83
20) Methylene Chloride	2.788	84	3544	0.295	ug/l	84
25) 2-Butanone	4.574	43	1437	1.029	ug/l	# 79
29) Tetrahydrofuran	5.032	42	328	0.379	ug/l	# 52
31) Cyclohexane	5.550	56	2051	0.962	ug/l	# 56
36) 1,1-Dichloropropene	5.550	75	6442	3.244	ug/l	# 50
37) Ethyl Acetate	4.727	43	13586	5.207	ug/l	100
38) Carbon Tetrachloride	5.556	117	8049	3.729	ug/l	# 17
43) Isopropyl Acetate	6.342	43	57750	12.966	ug/l	99
48) Methyl methacrylate	7.799	41	57370	28.295	ug/l	# 46
49) 1,4-Dioxane	7.799	88	94	2.312	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.549	43	48025	17.739	ug/l	# 49
54) cis-1,3-Dichloropropene	8.549	75	21489	8.070	ug/l	# 65
57) 1,3-Dichloropropane	9.482	76	3037	1.110	ug/l	# 43
59) 2-Hexanone	9.482	43	38555	18.659	ug/l	# 52
74) N-amyl acetate	10.823	43	742	0.345	ug/l	# 43
76) 1,2,3-Trichloropropane	11.079	75	30669	20.770	ug/l	# 37
81) trans-1,4-Dichloro-2-b...	11.079	75	30669	57.470	ug/l	# 11

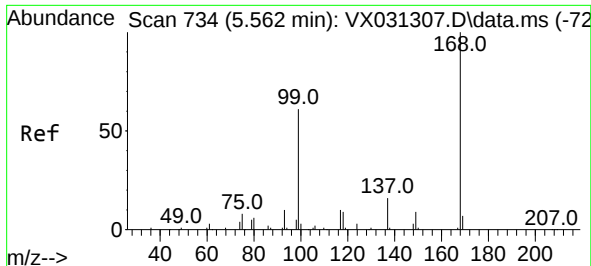
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 15 01:50:07 2022
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.006 min

Lab File: VX031432.D

Acq: 17 Sep 2022 00:12

Instrument :

MSVOA_X

ClientSampleId :

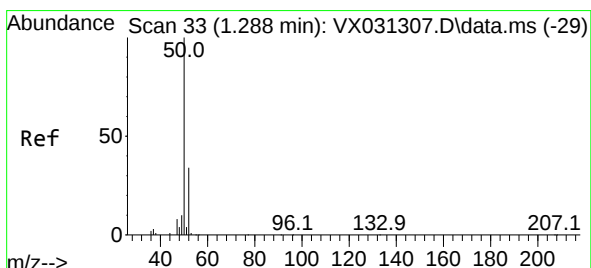
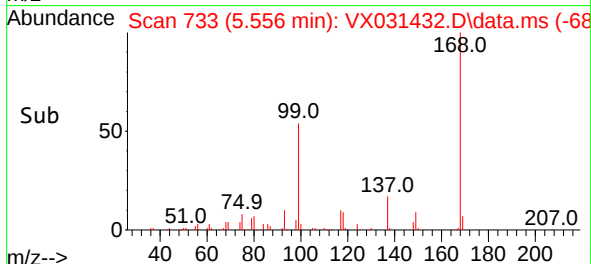
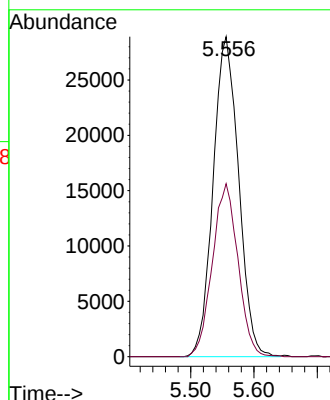
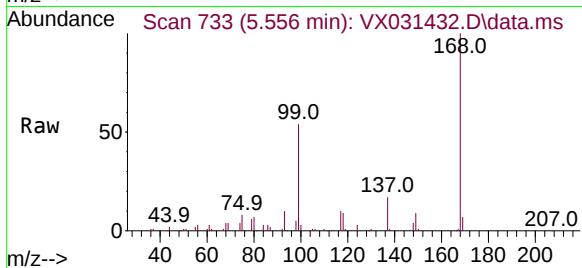
PB147603ZHE#01

Tgt Ion:168 Resp: 80811

Ion Ratio Lower Upper

168 100

99 54.1 48.8 73.2



#3

Chloromethane

Concen: Below Cal

RT: 1.295 min Scan# 34

Delta R.T. 0.007 min

Lab File: VX031432.D

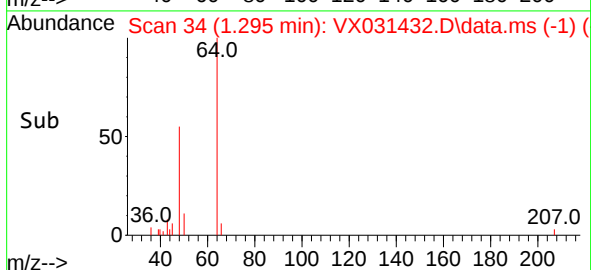
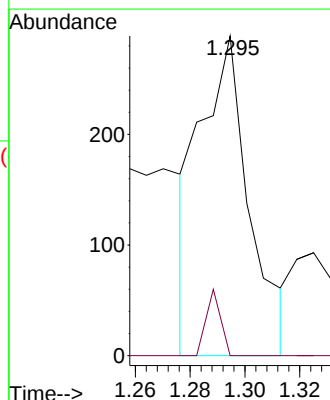
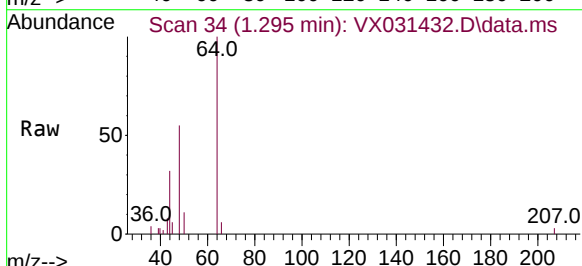
Acq: 17 Sep 2022 00:12

Tgt Ion: 50 Resp: 361

Ion Ratio Lower Upper

50 100

52 0.0 26.9 40.3#

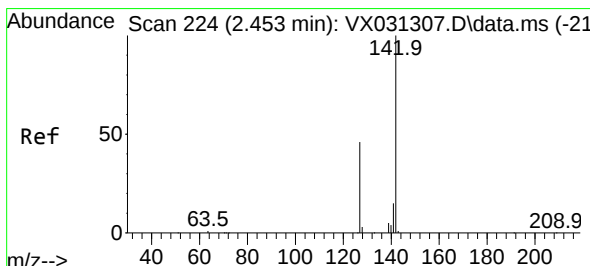
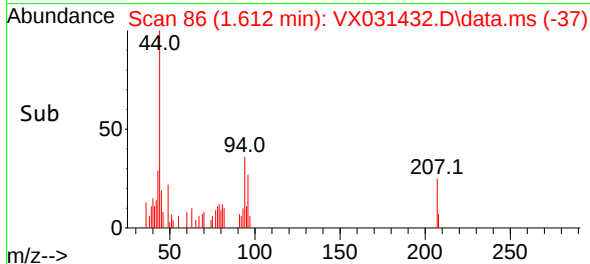
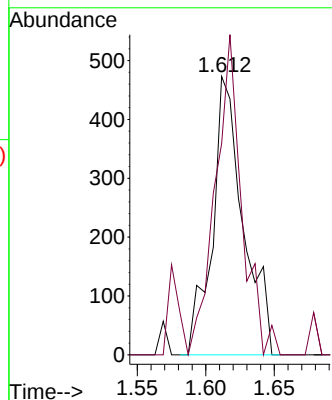
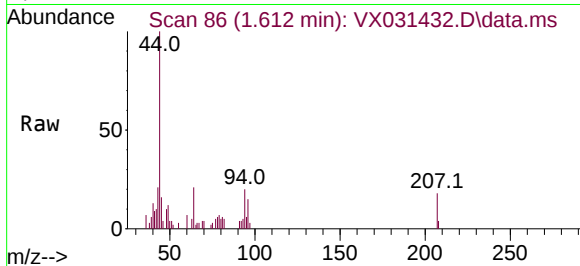




#5
Bromomethane
Concen: 0.701 ug/l
RT: 1.612 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX031432.D
Acq: 17 Sep 2022 00:12

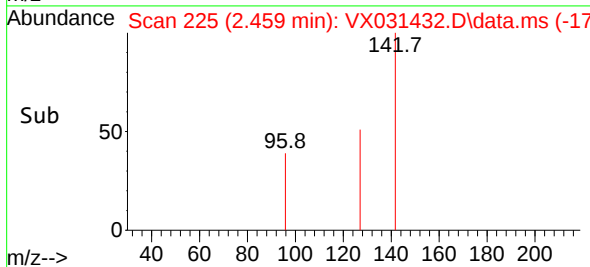
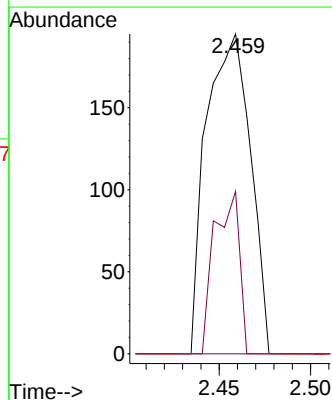
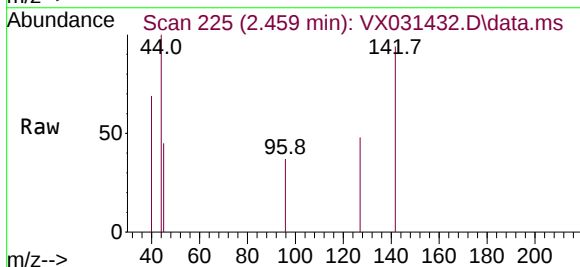
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#01

Tgt Ion: 94 Resp: 742
Ion Ratio Lower Upper
94 100
96 75.9 74.4 111.6



#10
Methyl Iodide
Concen: 1.154 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX031432.D
Acq: 17 Sep 2022 00:12

Tgt Ion: 142 Resp: 327
Ion Ratio Lower Upper
142 100
127 28.7 37.4 56.0#
141 0.0 11.6 17.4#

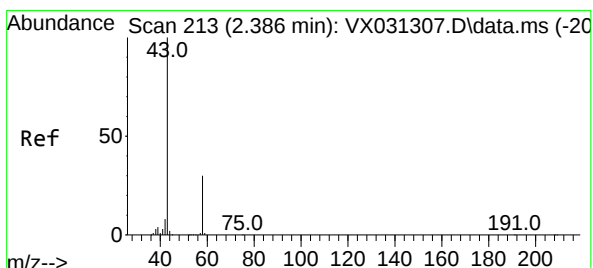
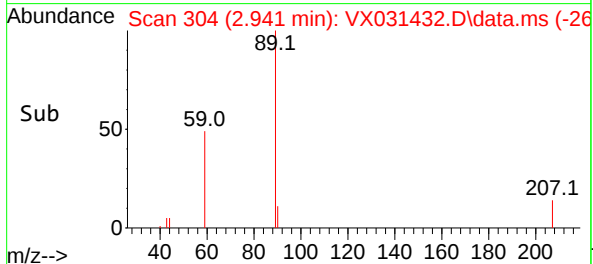
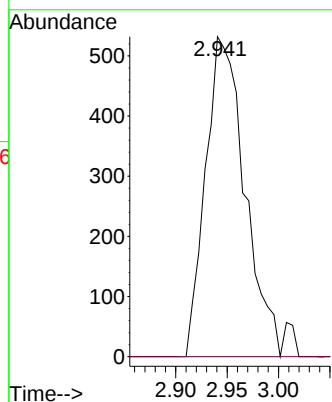
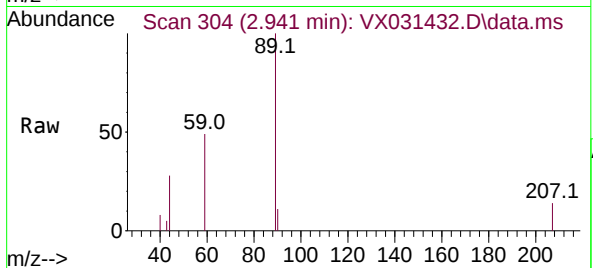




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 304
Delta R.T. -0.048 min
Lab File: VX031432.D
Acq: 17 Sep 2022 00:12

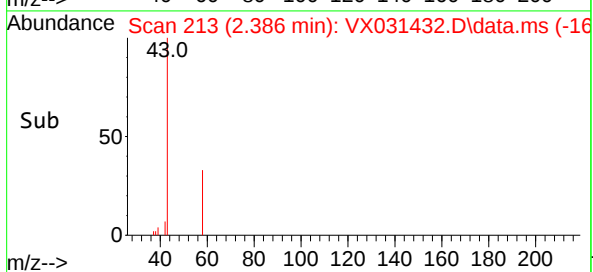
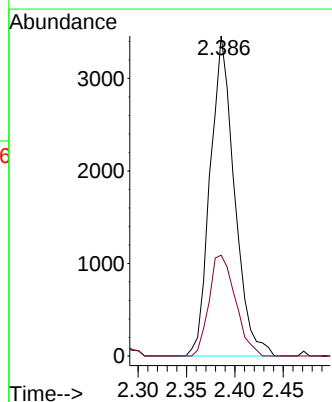
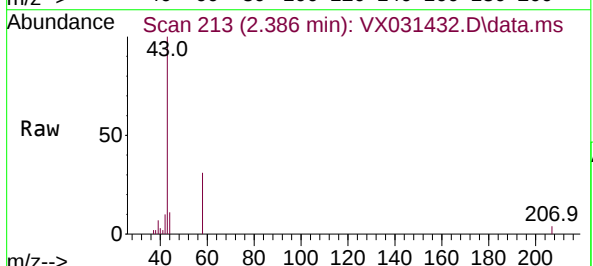
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#01

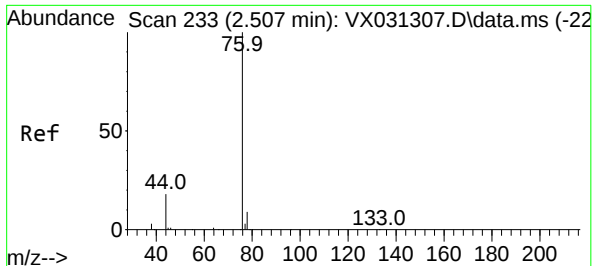
Tgt Ion: 59 Resp: 1412
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: 7.118 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX031432.D
Acq: 17 Sep 2022 00:12

Tgt Ion: 43 Resp: 6027
Ion Ratio Lower Upper
43 100
58 31.5 23.8 35.8

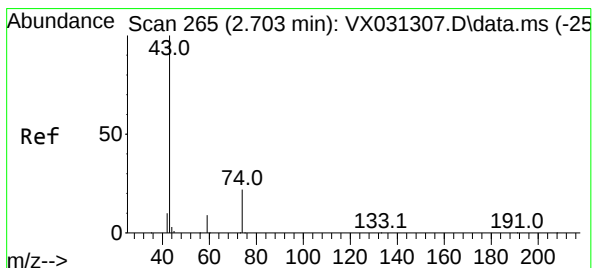
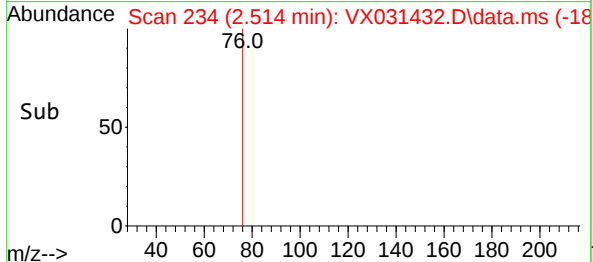
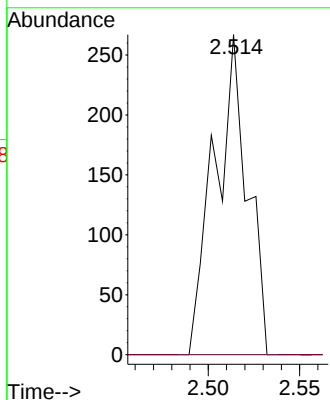
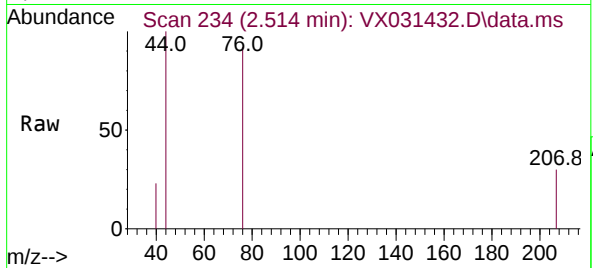




#17
Carbon Disulfide
Concen: 1.001 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX031432.D
Acq: 17 Sep 2022 00:12

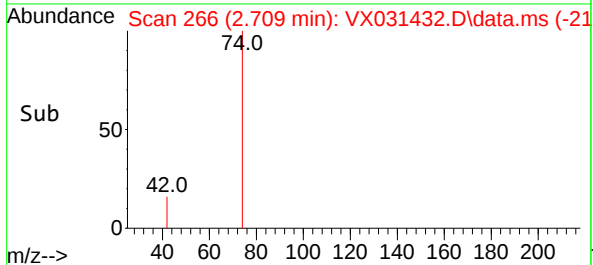
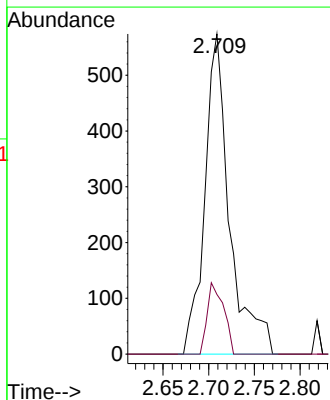
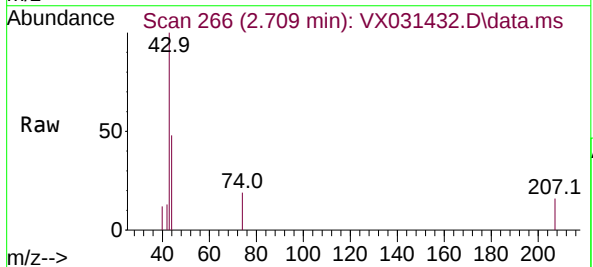
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#01

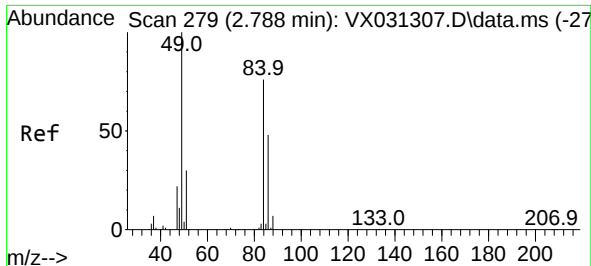
Tgt Ion: 76 Resp: 334
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.431 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX031432.D
Acq: 17 Sep 2022 00:12

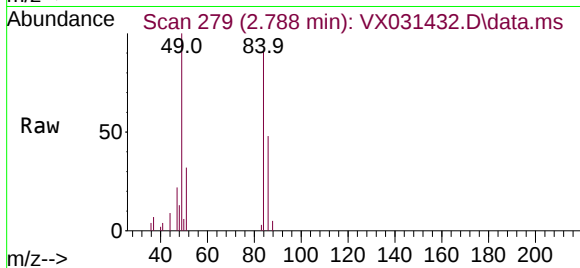
Tgt Ion: 43 Resp: 1081
Ion Ratio Lower Upper
43 100
74 14.7 18.6 27.8#



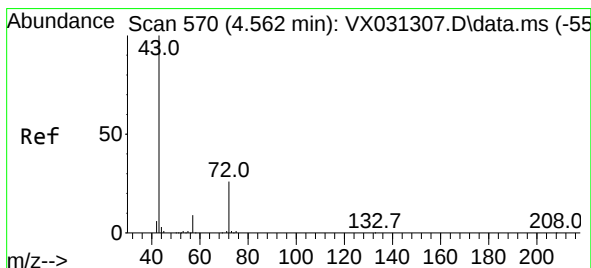
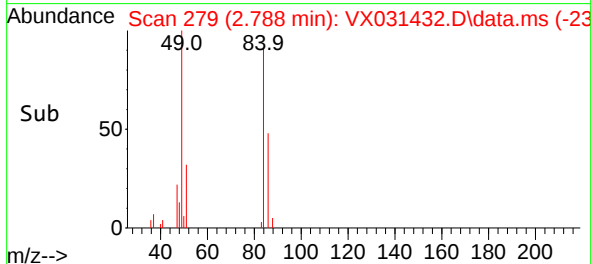
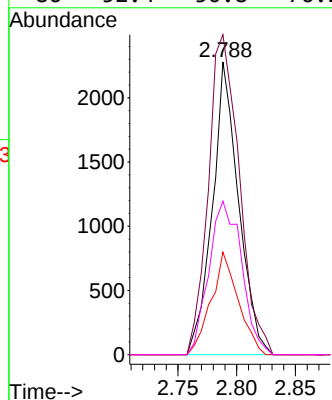


#20
Methylene Chloride
Concen: 0.295 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX031432.D
Acq: 17 Sep 2022 00:12

Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#01

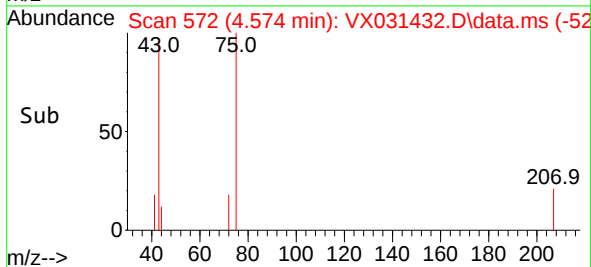
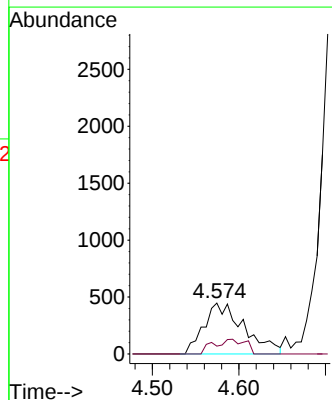
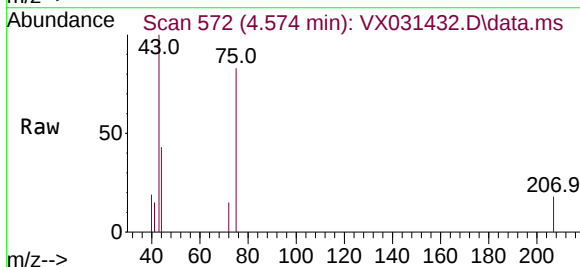


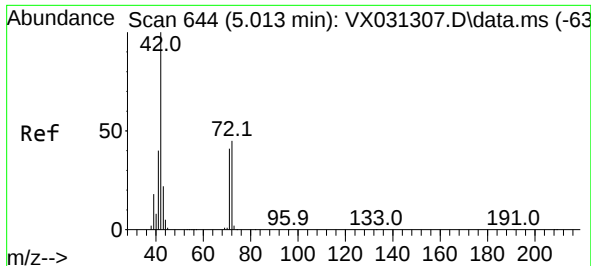
Tgt Ion:	84	Resp:	3544
Ion	Ratio	Lower	Upper
84	100		
49	109.3	105.9	158.9
51	35.0	32.2	48.2
86	52.4	50.8	76.2



#25
2-Butanone
Concen: 1.029 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX031432.D
Acq: 17 Sep 2022 00:12

Tgt Ion:	43	Resp:	1437
Ion	Ratio	Lower	Upper
43	100		
72	15.4	21.1	31.7#





#29

Tetrahydrofuran

Concen: 0.379 ug/l

RT: 5.032 min Scan# 644

Delta R.T. 0.019 min

Lab File: VX031432.D

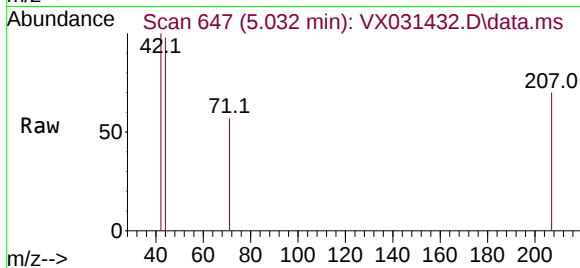
Acq: 17 Sep 2022 00:12

Instrument :

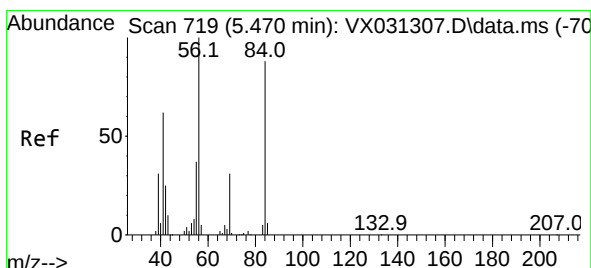
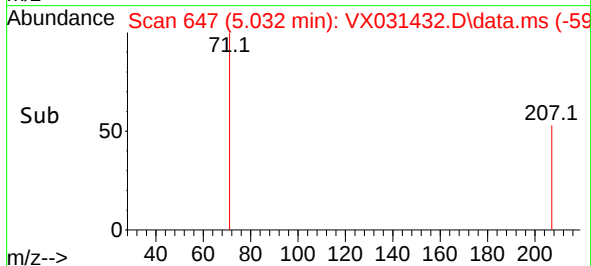
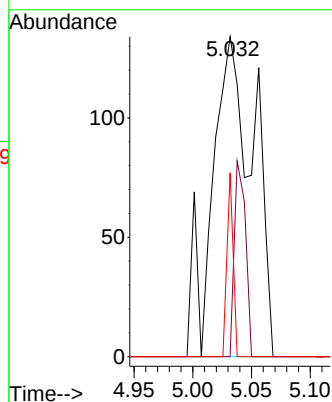
MSVOA_X

ClientSampleId :

PB147603ZHE#01



Tgt Ion:	42	Resp:	328
Ion	Ratio	Lower	Upper
42	100		
72	16.5	36.4	54.6#
71	8.5	33.5	50.3#



#31

Cyclohexane

Concen: 0.962 ug/l

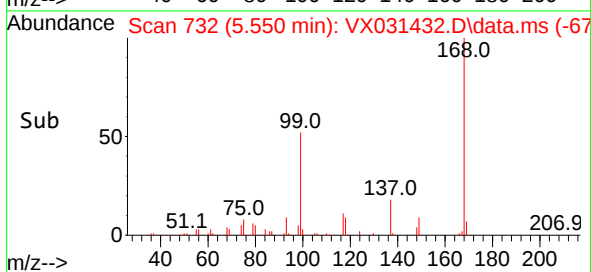
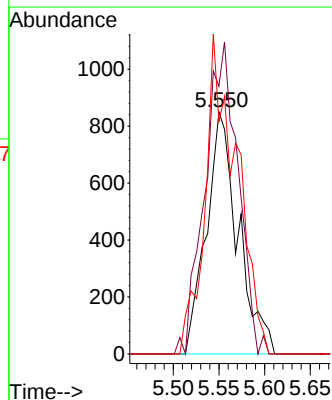
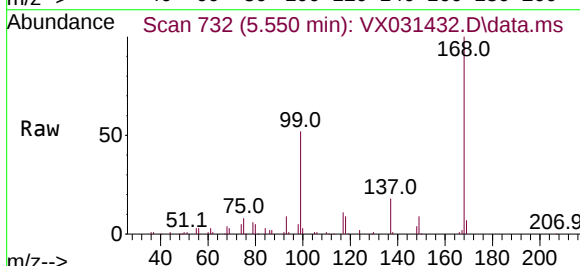
RT: 5.550 min Scan# 732

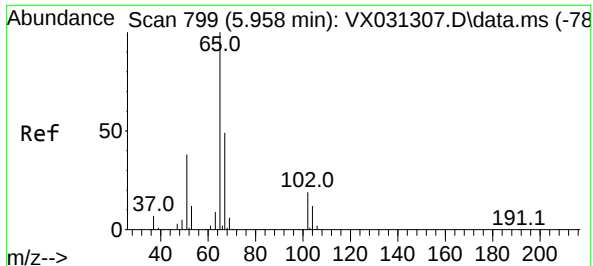
Delta R.T. 0.080 min

Lab File: VX031432.D

Acq: 17 Sep 2022 00:12

Tgt Ion:	56	Resp:	2051
Ion	Ratio	Lower	Upper
56	100		
69	110.6	25.1	37.7#
84	96.1	70.2	105.4





#33

1,2-Dichloroethane-d4

Concen: 24.896 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031432.D

Acq: 17 Sep 2022 00:12

Instrument :

MSVOA_X

ClientSampleId :

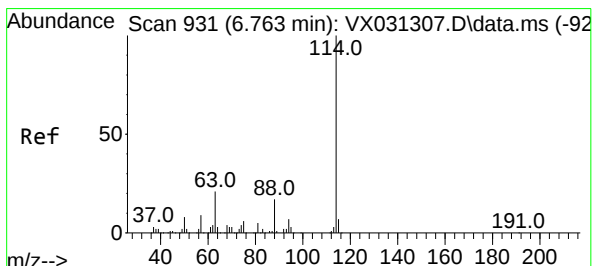
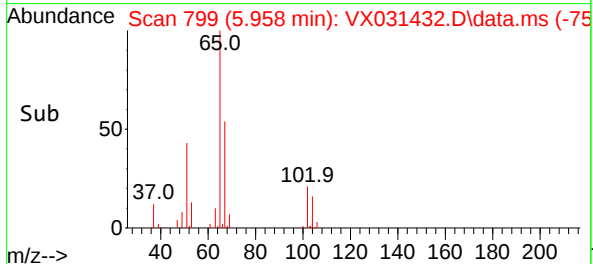
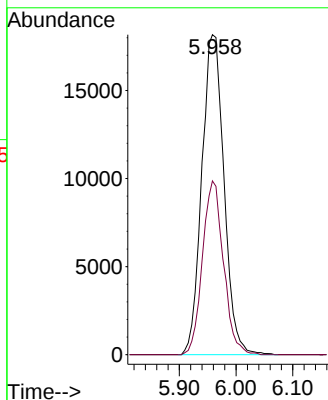
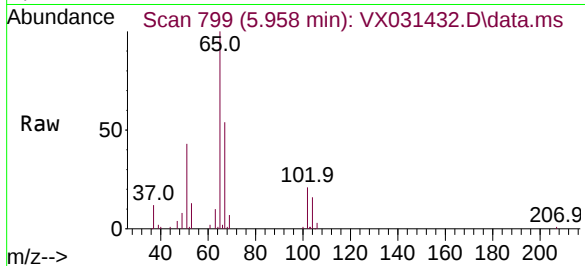
PB147603ZHE#01

Tgt Ion: 65 Resp: 49382

Ion Ratio Lower Upper

65 100

67 51.3 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031432.D

Acq: 17 Sep 2022 00:12

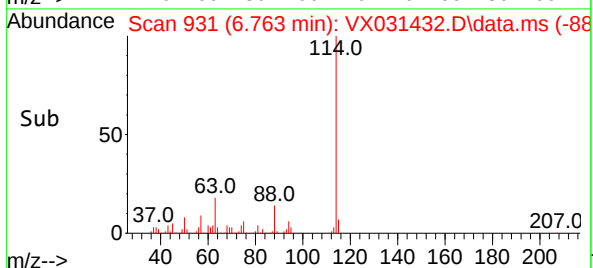
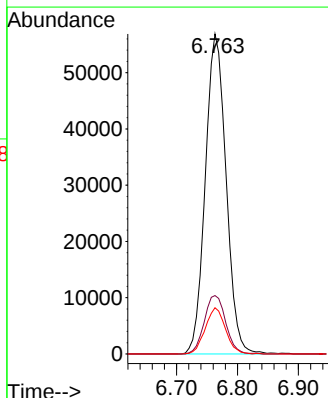
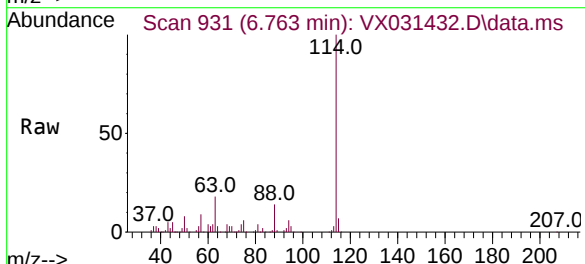
Tgt Ion: 114 Resp: 134958

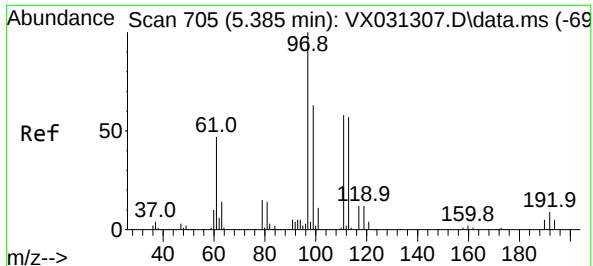
Ion Ratio Lower Upper

114 100

63 18.2 0.0 42.6

88 14.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 28.778 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX031432.D

Acq: 17 Sep 2022 00:12

Instrument :

MSVOA_X

ClientSampleId :

PB147603ZHE#01

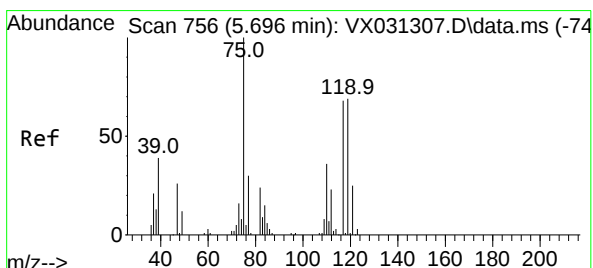
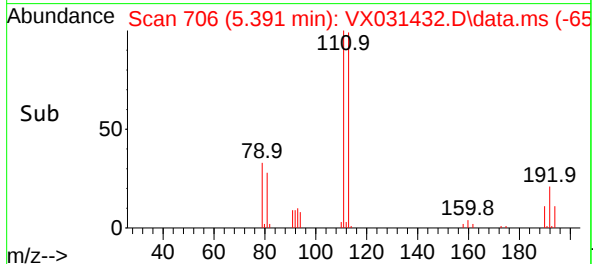
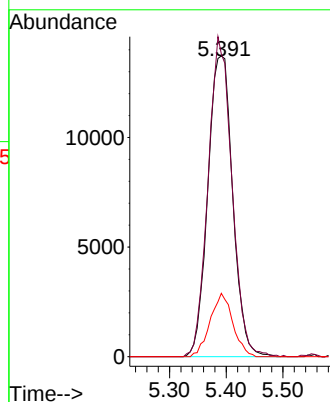
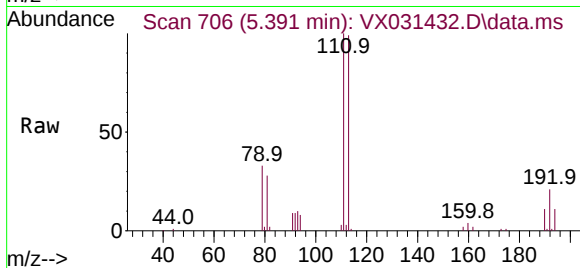
Tgt Ion:113 Resp: 41749

Ion Ratio Lower Upper

113 100

111 102.0 82.4 123.6

192 19.2 14.1 21.1



#36

1,1-Dichloropropene

Concen: 3.244 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX031432.D

Acq: 17 Sep 2022 00:12

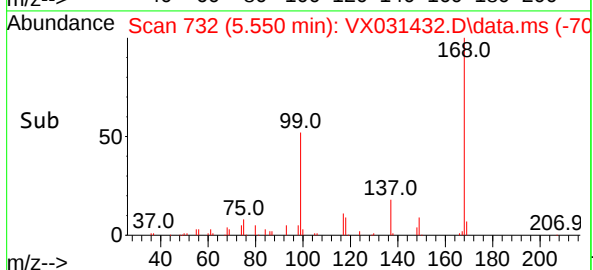
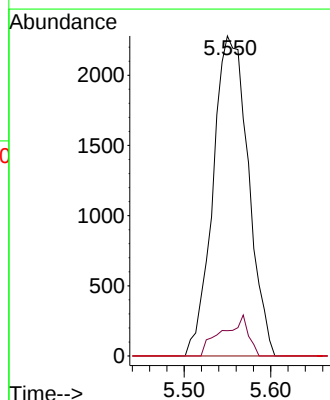
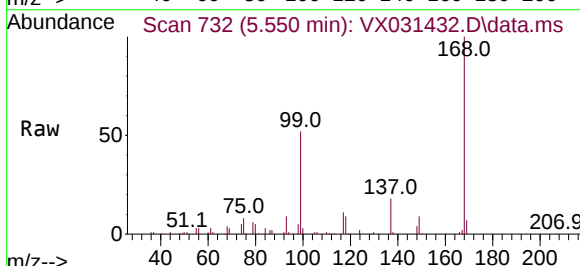
Tgt Ion: 75 Resp: 6442

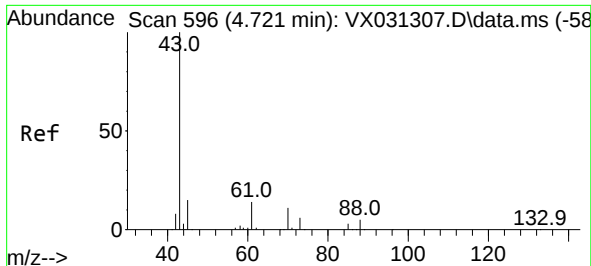
Ion Ratio Lower Upper

75 100

110 9.4 17.5 52.5#

77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 5.207 ug/l

RT: 4.727 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX031432.D

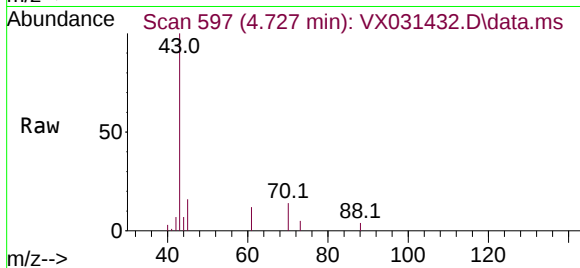
Acq: 17 Sep 2022 00:12

Instrument :

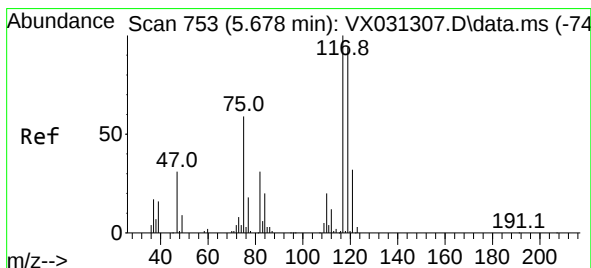
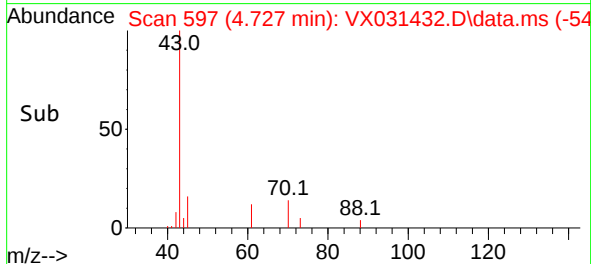
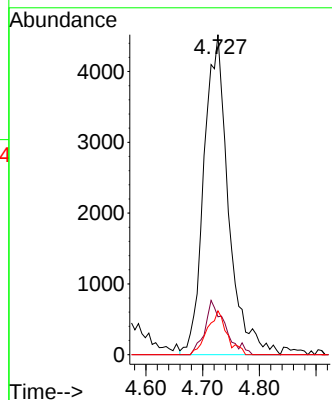
MSVOA_X

ClientSampleId :

PB147603ZHE#01



Tgt Ion:	43	Resp:	13586
Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.1	16.7
70	10.9	8.6	13.0



#38

Carbon Tetrachloride

Concen: 3.729 ug/l

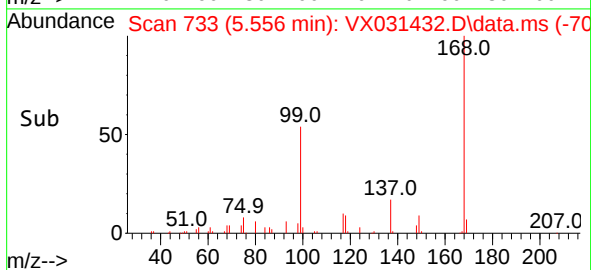
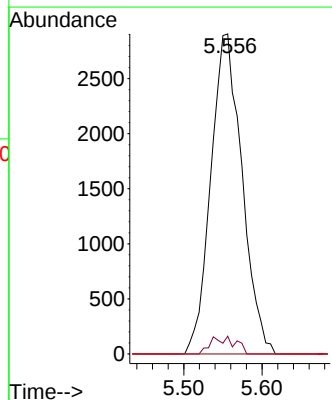
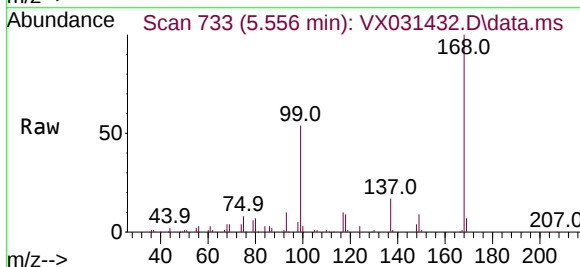
RT: 5.556 min Scan# 733

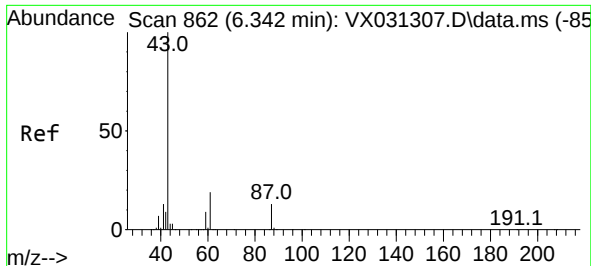
Delta R.T. -0.122 min

Lab File: VX031432.D

Acq: 17 Sep 2022 00:12

Tgt Ion:	117	Resp:	8049
Ion	Ratio	Lower	Upper
117	100		
119	5.6	74.6	112.0#
121	0.0	25.3	37.9#

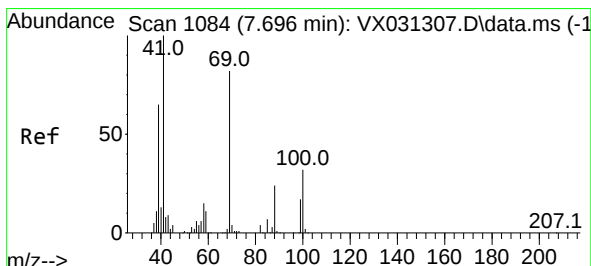
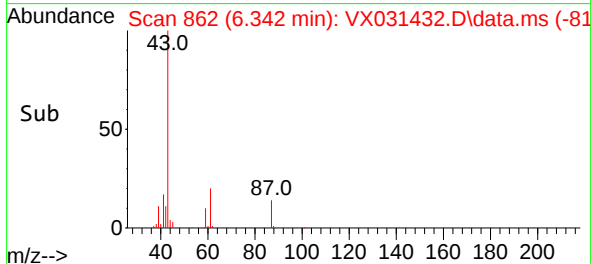
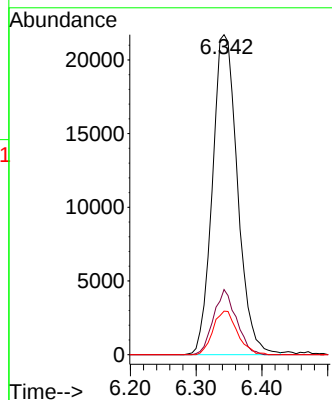
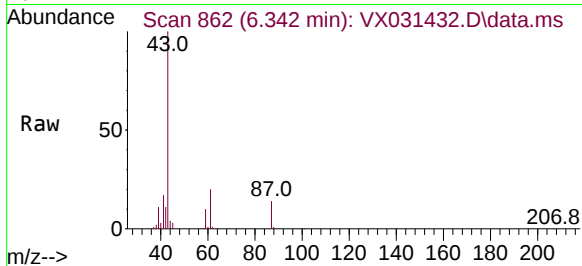




#43
Isopropyl Acetate
Concen: 12.966 ug/l
RT: 6.342 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX031432.D
Acq: 17 Sep 2022 00:12

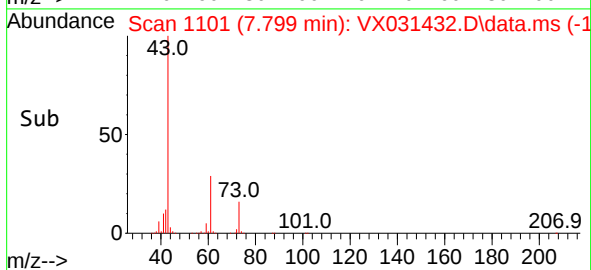
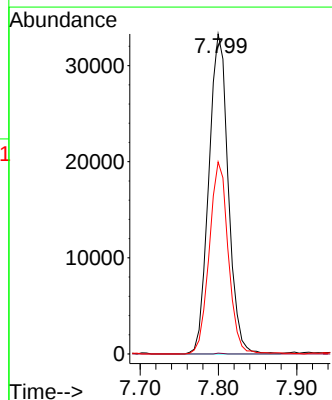
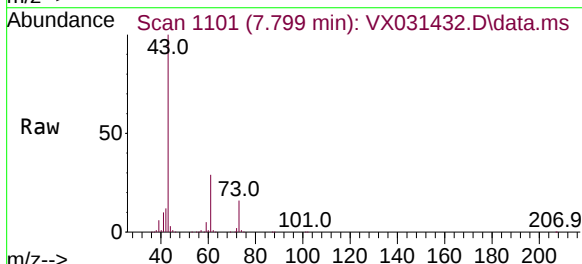
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#01

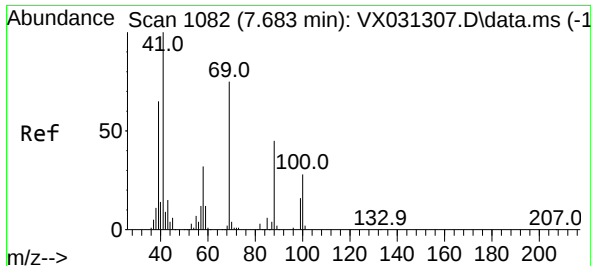
Tgt Ion: 43 Resp: 57750
Ion Ratio Lower Upper
43 100
61 18.5 15.3 22.9
87 13.1 10.6 15.8



#48
Methyl methacrylate
Concen: 28.295 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX031432.D
Acq: 17 Sep 2022 00:12

Tgt Ion: 41 Resp: 57370
Ion Ratio Lower Upper
41 100
69 0.1 64.6 96.8#
39 58.9 51.4 77.0





#49

1,4-Dioxane

Concen: 2.312 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.116 min

Lab File: VX031432.D

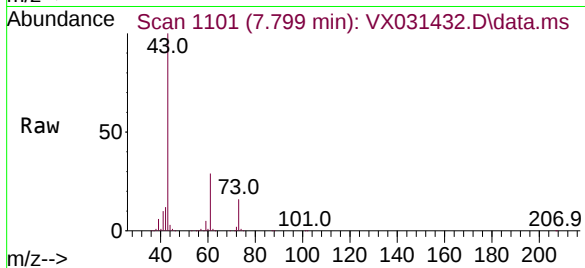
Acq: 17 Sep 2022 00:12

Instrument :

MSVOA_X

ClientSampleId :

PB147603ZHE#01



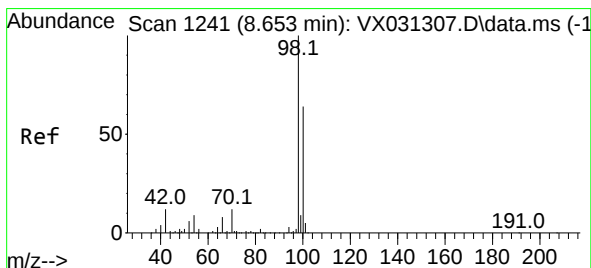
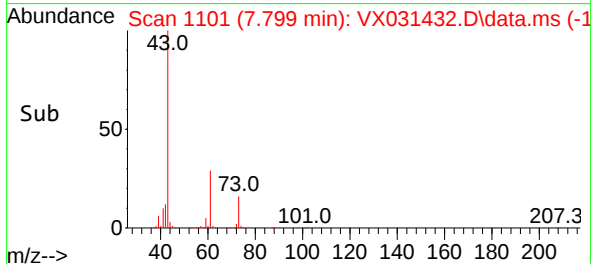
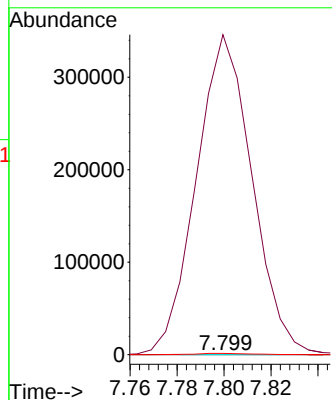
Tgt Ion: 88 Resp: 94

Ion Ratio Lower Upper

88 100

43 612297.9 27.1 40.7#

58 2547.9 53.9 80.9#



#50

Toluene-d8

Concen: 30.772 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX031432.D

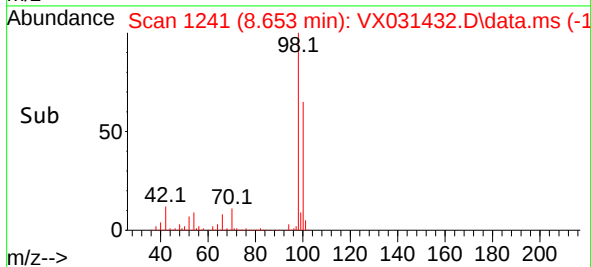
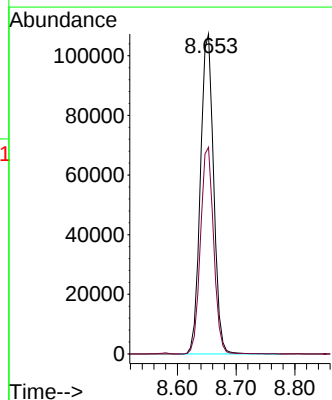
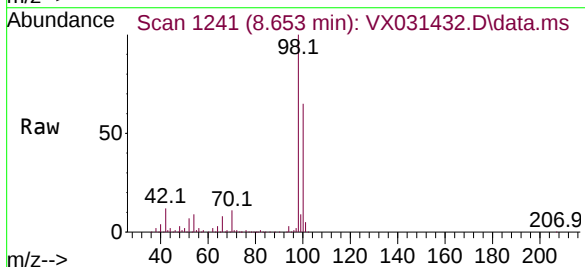
Acq: 17 Sep 2022 00:12

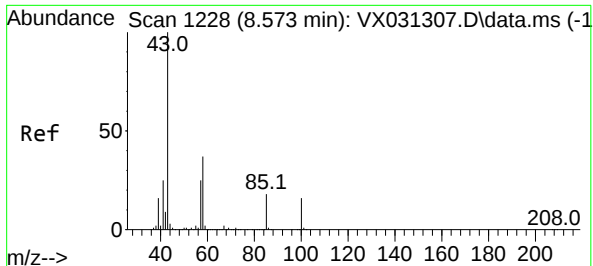
Tgt Ion: 98 Resp: 167453

Ion Ratio Lower Upper

98 100

100 64.7 52.5 78.7

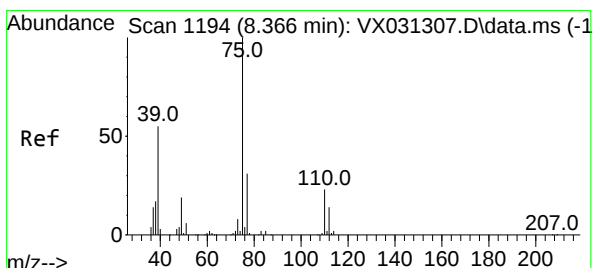
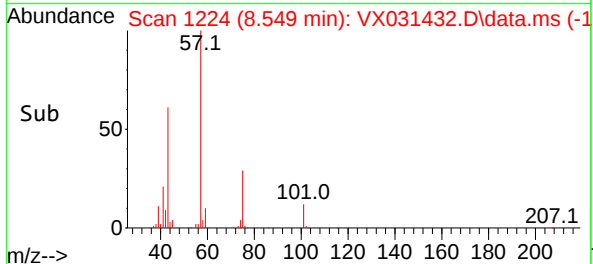
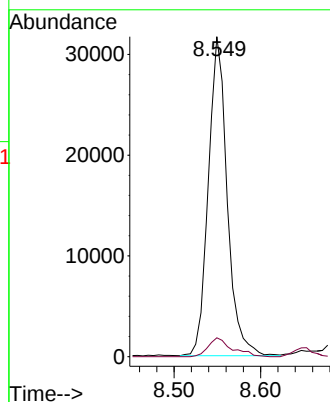
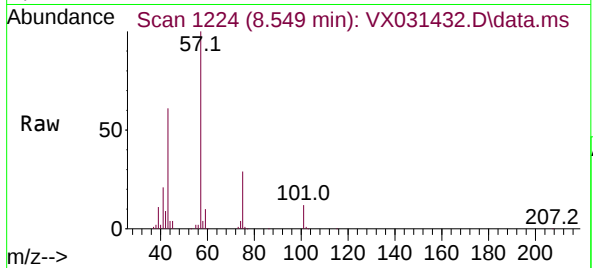




#51
4-Methyl-2-Pentanone
Concen: 17.739 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX031432.D
Acq: 17 Sep 2022 00:12

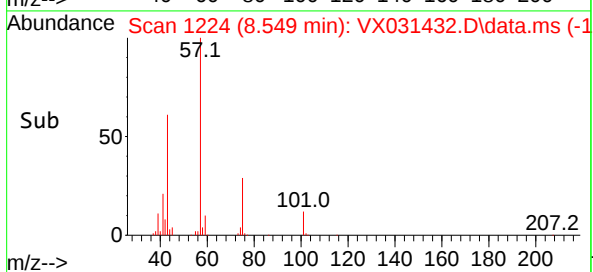
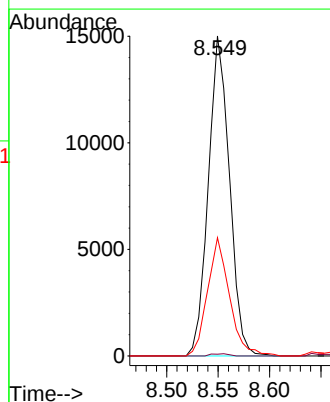
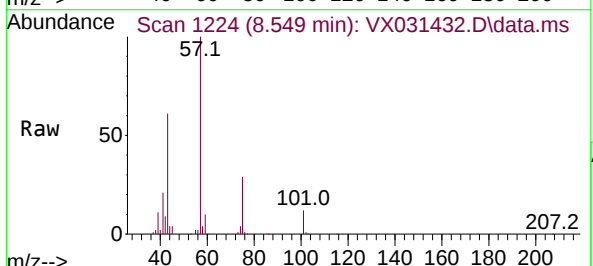
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#01

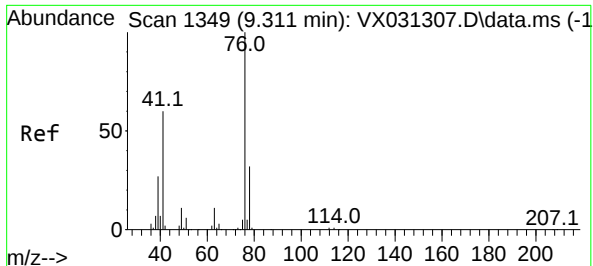
Tgt Ion: 43 Resp: 48025
Ion Ratio Lower Upper
43 100
58 7.4 30.6 46.0#



#54
cis-1,3-Dichloropropene
Concen: 8.070 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX031432.D
Acq: 17 Sep 2022 00:12

Tgt Ion: 75 Resp: 21489
Ion Ratio Lower Upper
75 100
77 0.5 24.4 36.6#
39 36.9 43.7 65.5#

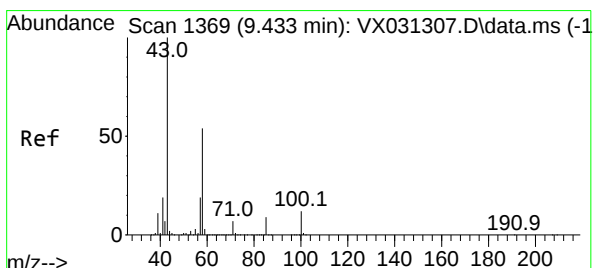
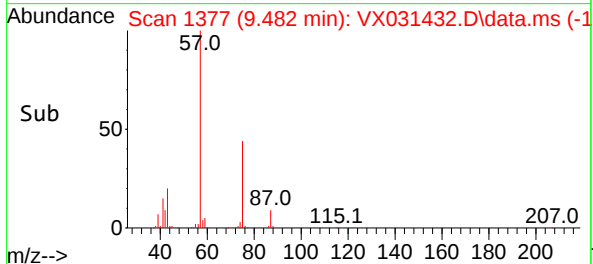
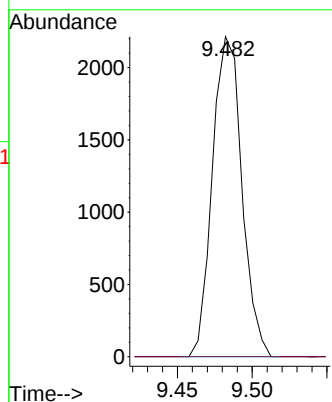
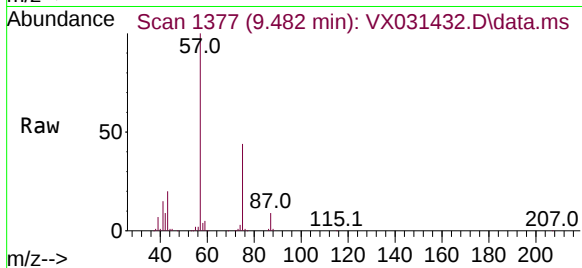




#57
1,3-Dichloropropane
Concen: 1.110 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX031432.D
Acq: 17 Sep 2022 00:12

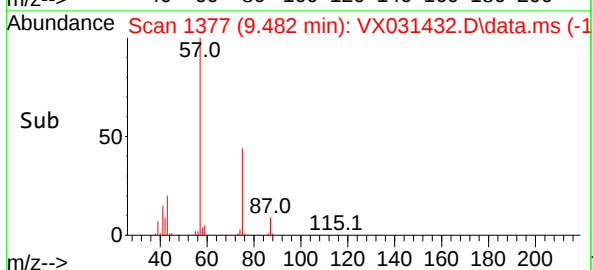
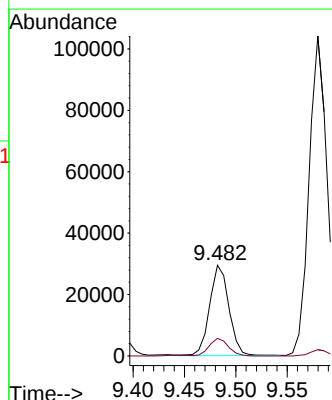
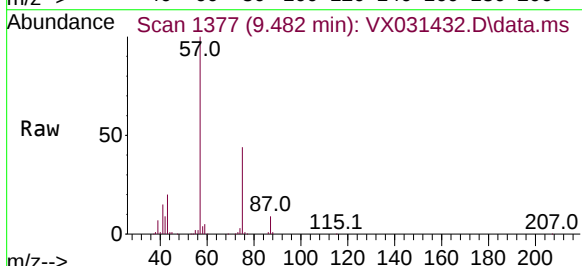
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#01

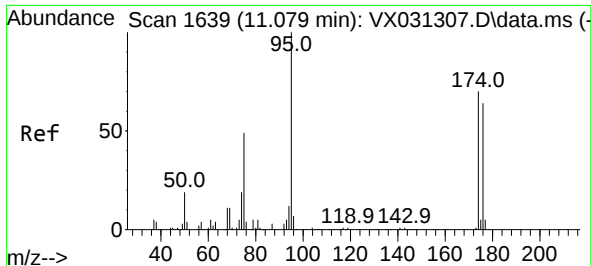
Tgt Ion: 76 Resp: 3037
Ion Ratio Lower Upper
76 100
78 0.0 25.5 38.3#



#59
2-Hexanone
Concen: 18.659 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX031432.D
Acq: 17 Sep 2022 00:12

Tgt Ion: 43 Resp: 38555
Ion Ratio Lower Upper
43 100
58 19.5 26.7 80.0#

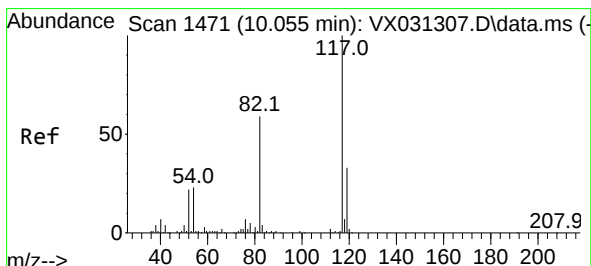
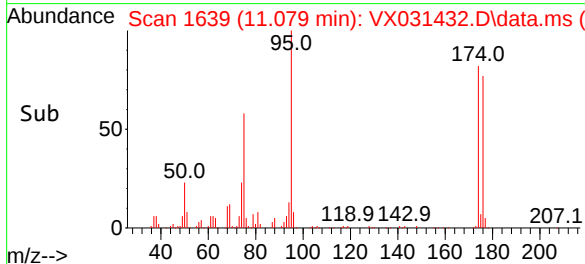
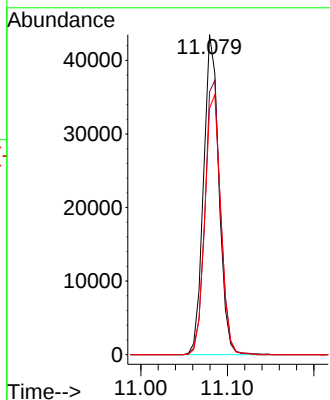
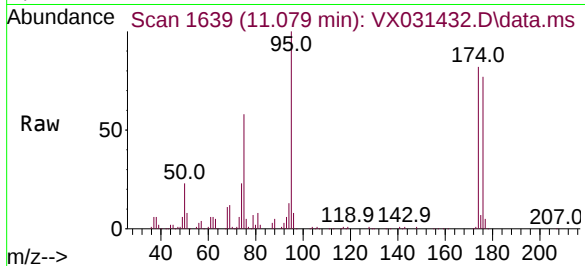




#62
4-Bromofluorobenzene
Concen: 26.853 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031432.D
Acq: 17 Sep 2022 00:12

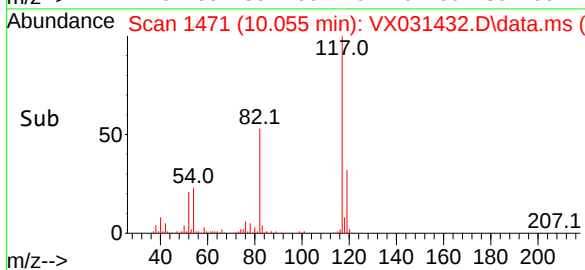
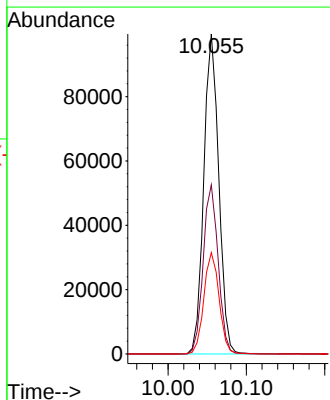
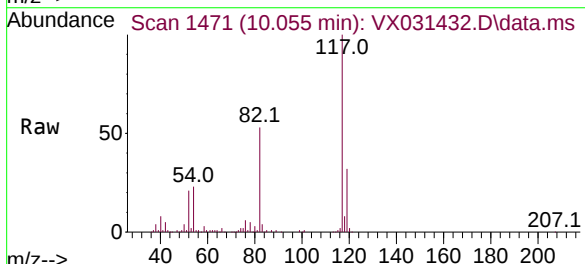
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#01

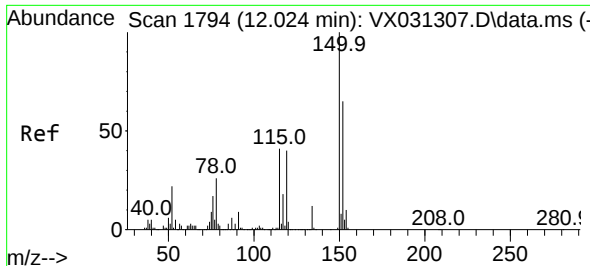
Tgt Ion: 95 Resp: 53511
Ion Ratio Lower Upper
95 100
174 87.2 0.0 153.2
176 84.2 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031432.D
Acq: 17 Sep 2022 00:12

Tgt Ion: 117 Resp: 131874
Ion Ratio Lower Upper
117 100
82 52.8 46.8 70.2
119 31.7 26.4 39.6

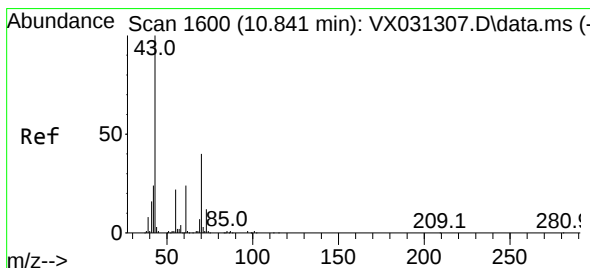
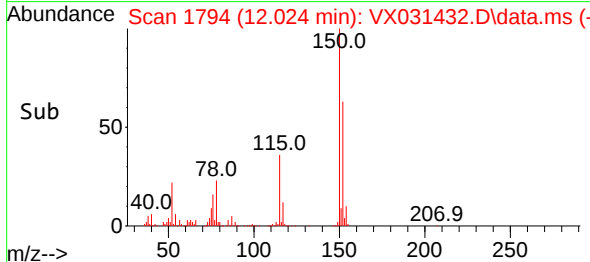
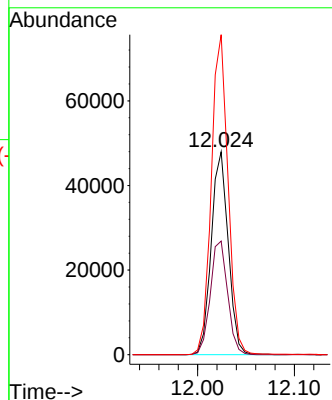
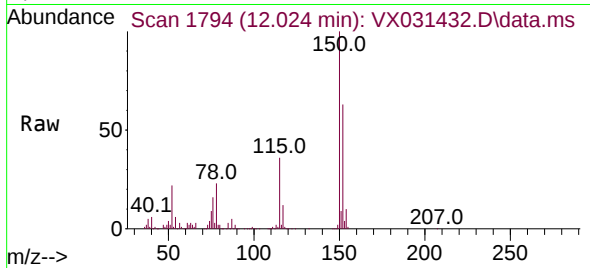




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031432.D
Acq: 17 Sep 2022 00:12

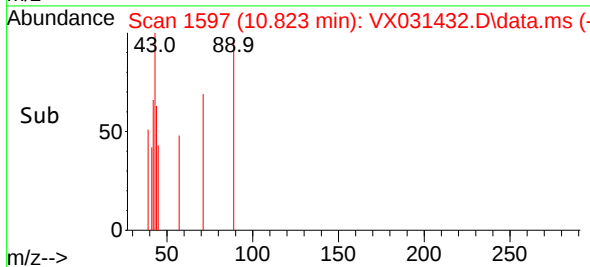
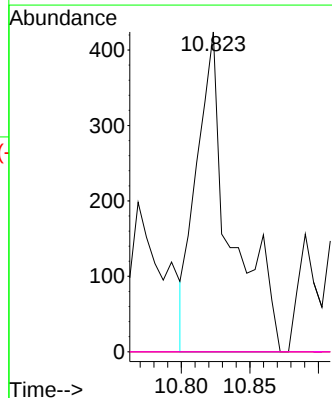
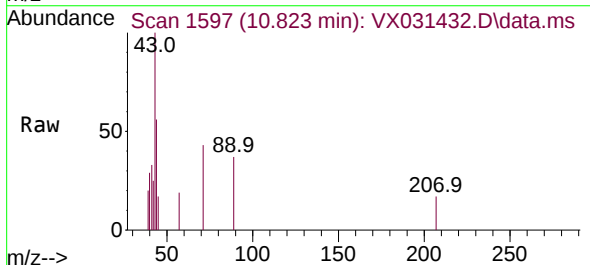
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#01

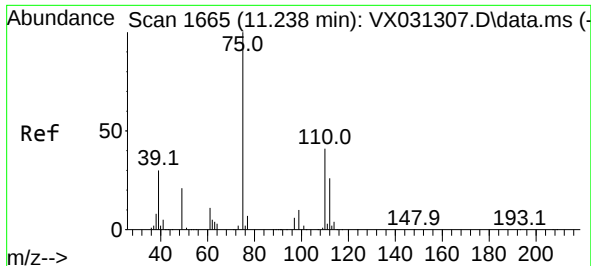
Tgt Ion:152 Resp: 58596
Ion Ratio Lower Upper
152 100
115 57.0 43.4 130.1
150 155.3 0.0 346.8



#74
N-ethyl acetate
Concen: 0.345 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.018 min
Lab File: VX031432.D
Acq: 17 Sep 2022 00:12

Tgt Ion: 43 Resp: 742
Ion Ratio Lower Upper
43 100
70 0.0 33.4 50.2#
55 0.0 18.2 27.2#
61 0.0 19.3 28.9#

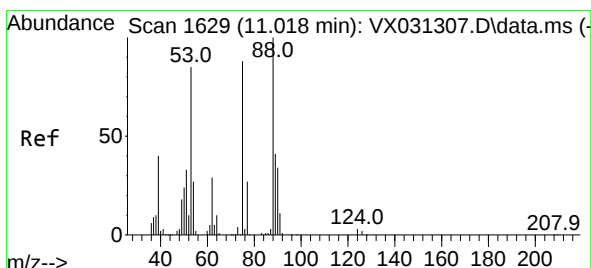
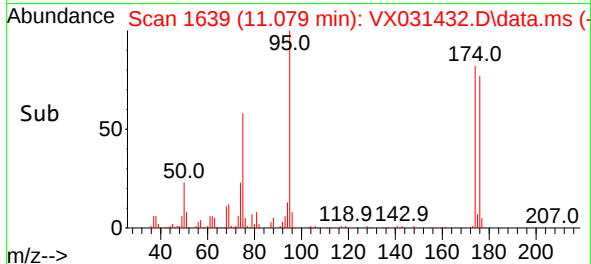
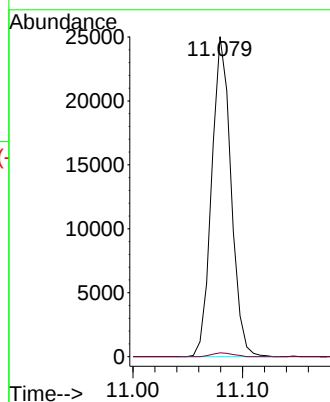
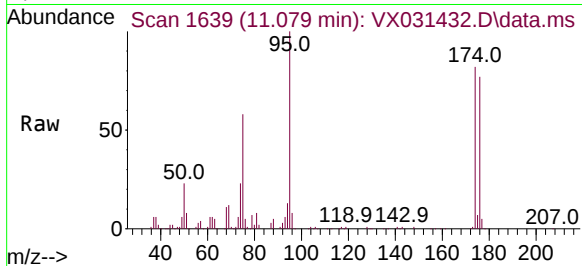




#76
1,2,3-Trichloropropane
Concen: 20.770 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031432.D
Acq: 17 Sep 2022 00:12

Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#01

Tgt Ion: 75 Resp: 30669
Ion Ratio Lower Upper
75 100
77 1.3 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.470 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031432.D
Acq: 17 Sep 2022 00:12

Tgt Ion: 75 Resp: 30669
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

