

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091622\
 Data File : VX031446.D
 Acq On : 17 Sep 2022 05:39
 Operator : JC/MD
 Sample : PB147603ZHE#15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB147603ZHE#15

Quant Time: Sep 19 02:25:45 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)

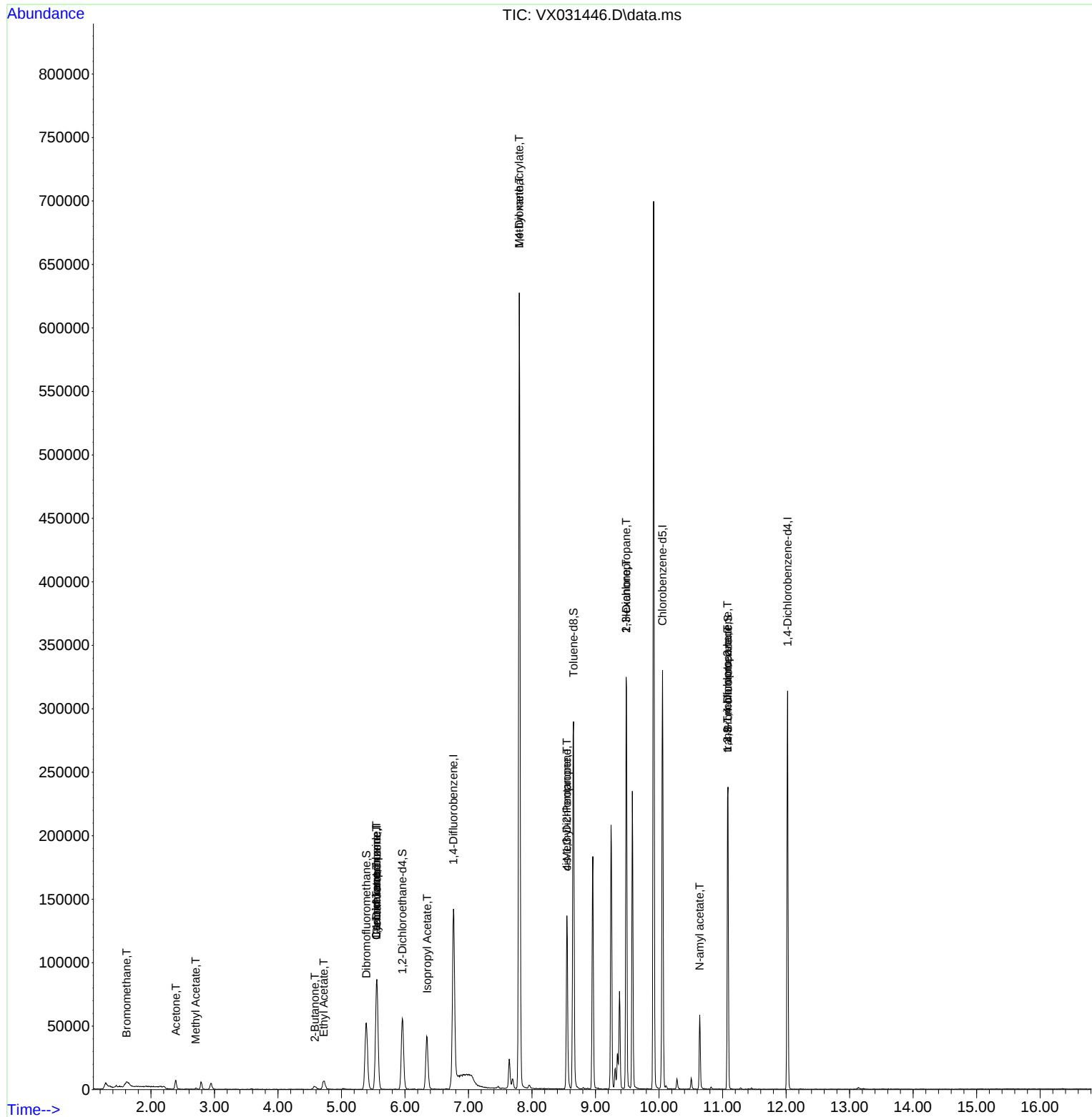
Internal Standards						
1) Pentafluorobenzene	5.556	168	82448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	138318	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	135255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59018	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	50578	24.993	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	49.980%#		
35) Dibromofluoromethane	5.391	113	43307	29.127	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	58.260%#		
50) Toluene-d8	8.653	98	170826	30.629	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	61.260%#		
62) 4-Bromofluorobenzene	11.085	95	54967	26.914	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	53.820%#		
Target Compounds						Qvalue
3) Chloromethane	1.288	50	183	Below Cal	#	41
5) Bromomethane	1.617	94	252	0.233	ug/l #	34
11) Tert butyl alcohol	2.946	59	2845	Below Cal	#	73
16) Acetone	2.391	43	8520	9.862	ug/l	96
18) Methyl Acetate	2.702	43	1219	0.476	ug/l	97
20) Methylene Chloride	2.788	84	2495	Below Cal		90
25) 2-Butanone	4.580	43	1596	1.120	ug/l	94
31) Cyclohexane	5.549	56	2077	0.955	ug/l #	57
36) 1,1-Dichloropropene	5.549	75	6688	3.286	ug/l #	50
37) Ethyl Acetate	4.720	43	12596	4.710	ug/l	99
38) Carbon Tetrachloride	5.549	117	8454	3.822	ug/l #	17
43) Isopropyl Acetate	6.348	43	56788	12.440	ug/l	99
48) Methyl methacrylate	7.799	41	54244	26.103	ug/l #	47
49) 1,4-Dioxane	7.799	88	40	0.960	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	46570	16.784	ug/l #	49
54) cis-1,3-Dichloropropene	8.549	75	21117	7.738	ug/l #	67
57) 1,3-Dichloropropane	9.482	76	2780	0.991	ug/l #	43
59) 2-Hexanone	9.482	43	38128	18.004	ug/l #	52
74) N-amyl acetate	10.640	43	14699	6.783	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	31501	21.181	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	31501	58.607	ug/l #	11

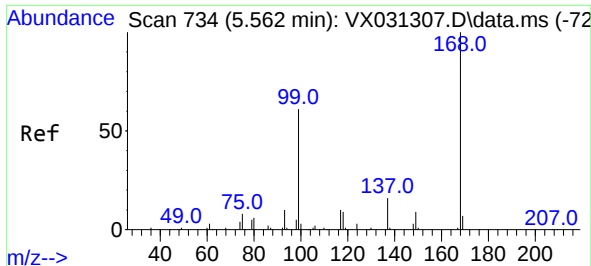
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091622\
Data File : VX031446.D
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Sample : PB147603ZHE#15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#15

Quant Time: Sep 19 02:25:45 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

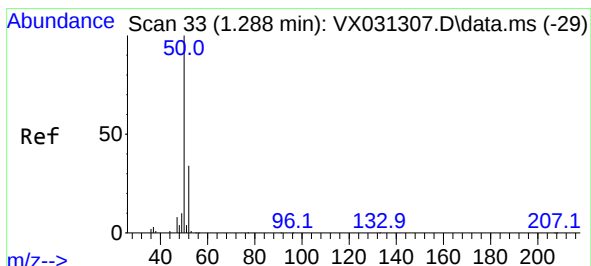
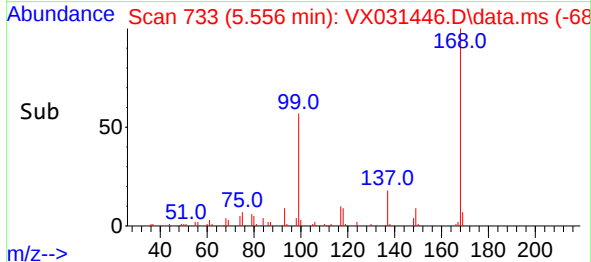
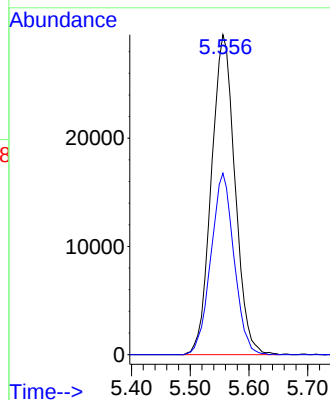
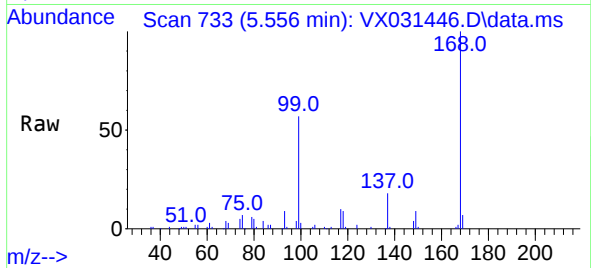




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031446.D
Acq: 17 Sep 2022 05:39

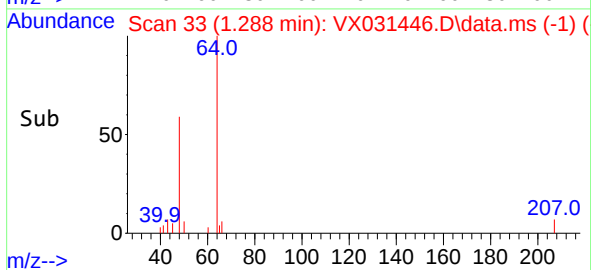
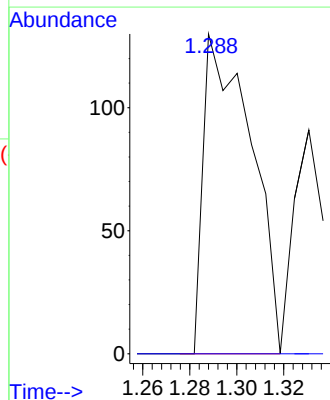
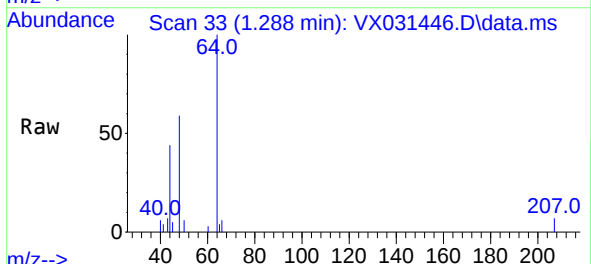
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#15

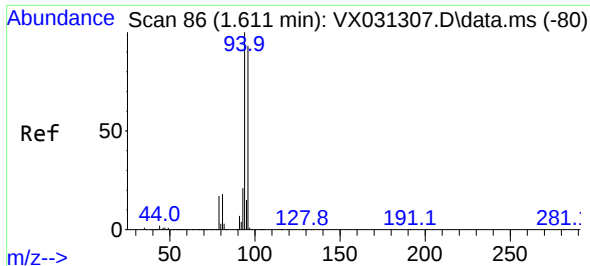
Tgt Ion:168 Resp: 82448
Ion Ratio Lower Upper
168 100
99 56.7 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.000 min
Lab File: VX031446.D
Acq: 17 Sep 2022 05:39

Tgt Ion: 50 Resp: 183
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

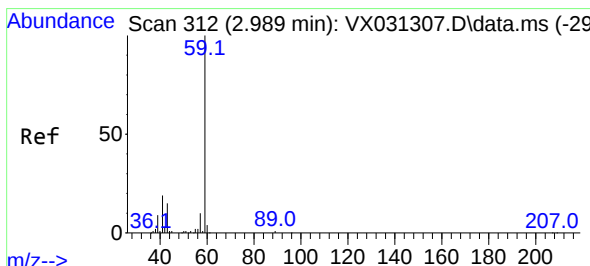
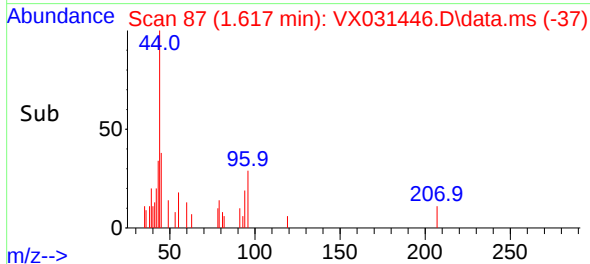
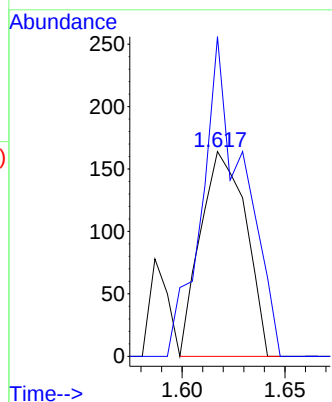
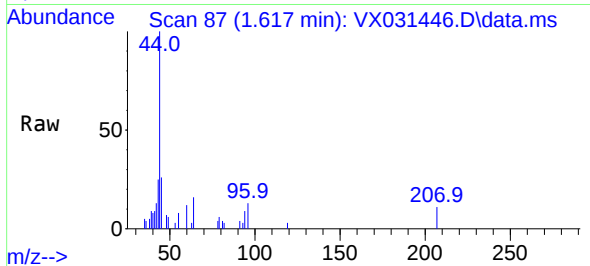




#5
Bromomethane
Concen: 0.233 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX031446.D
Acq: 17 Sep 2022 05:39

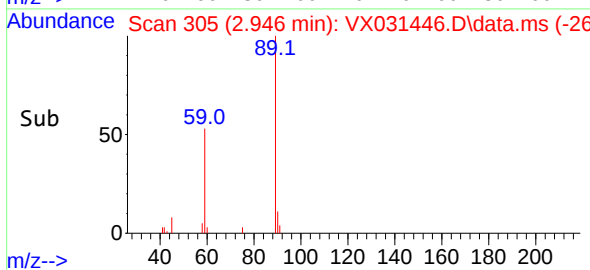
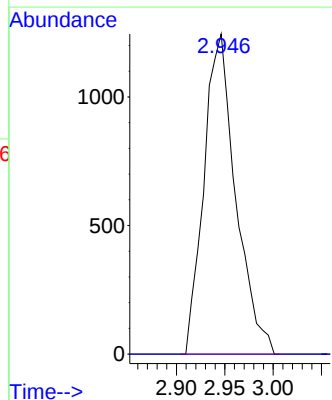
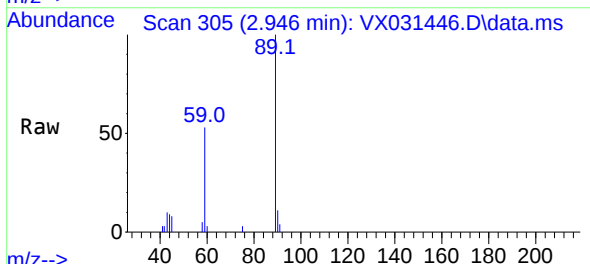
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#15

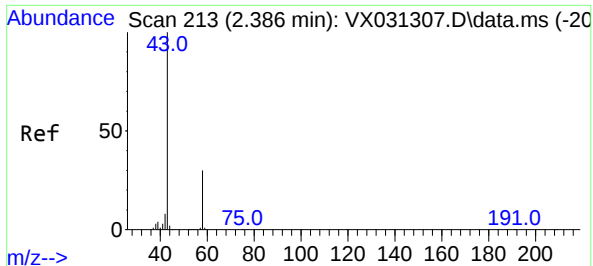
Tgt Ion: 94 Resp: 252
Ion Ratio Lower Upper
94 100
96 156.1 74.4 111.6#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 305
Delta R.T. -0.043 min
Lab File: VX031446.D
Acq: 17 Sep 2022 05:39

Tgt Ion: 59 Resp: 2845
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

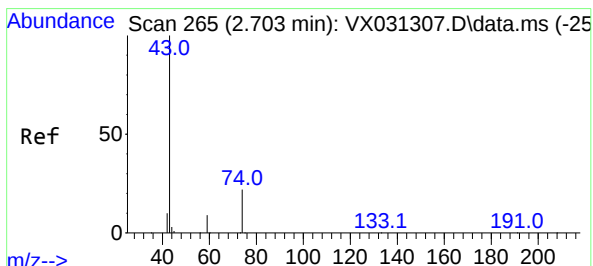
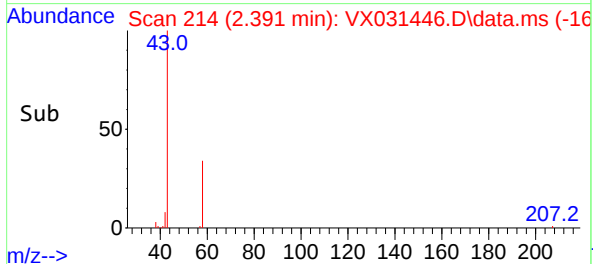
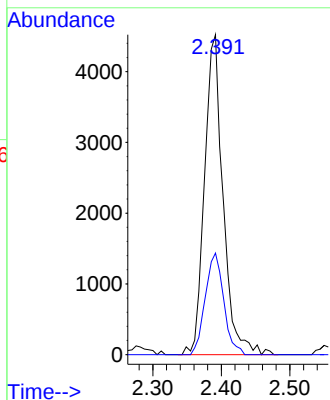
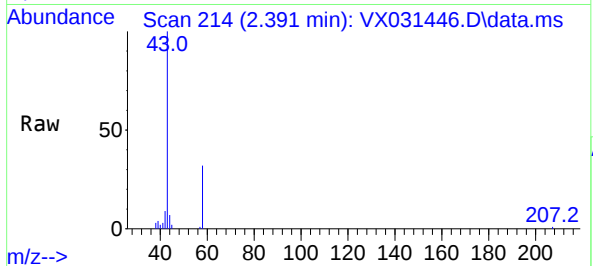




#16
Acetone
Concen: 9.862 ug/l
RT: 2.391 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX031446.D
Acq: 17 Sep 2022 05:39

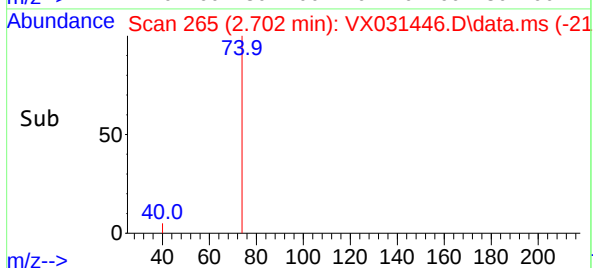
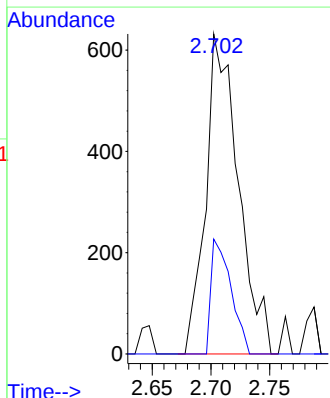
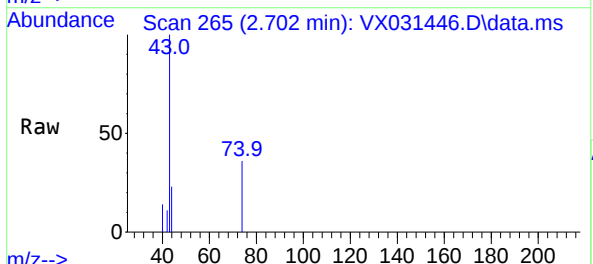
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#15

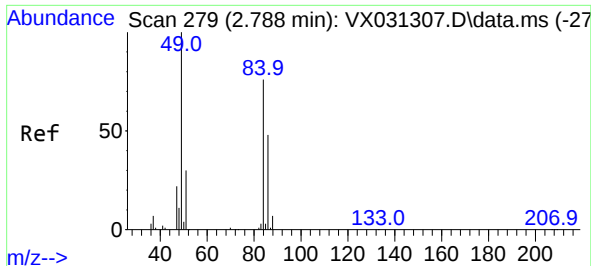
Tgt Ion: 43 Resp: 8520
Ion Ratio Lower Upper
43 100
58 31.7 23.8 35.8



#18
Methyl Acetate
Concen: 0.476 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX031446.D
Acq: 17 Sep 2022 05:39

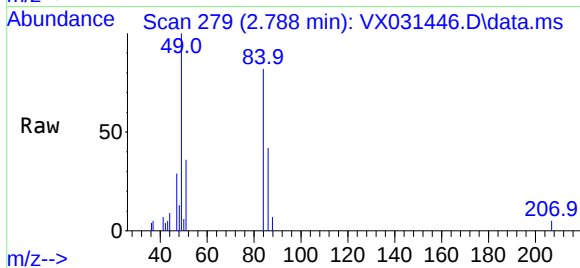
Tgt Ion: 43 Resp: 1219
Ion Ratio Lower Upper
43 100
74 21.9 18.6 27.8



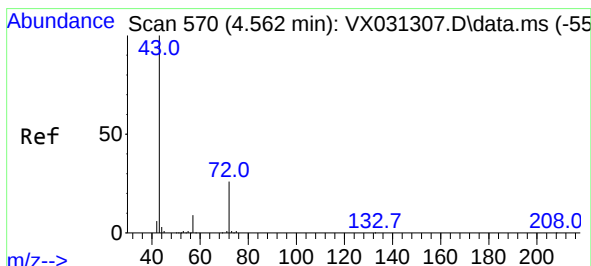
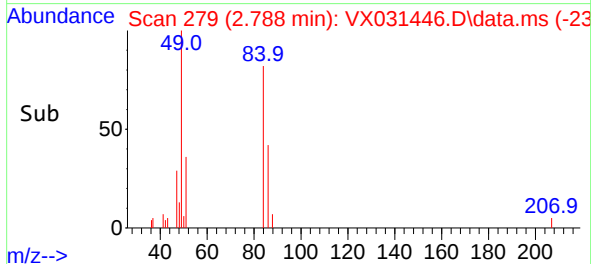
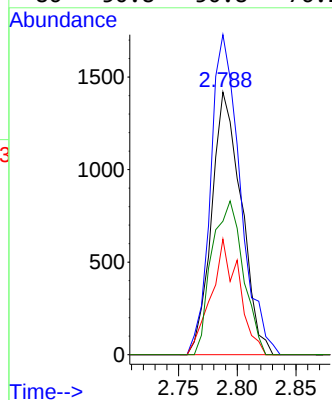


#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031446.D
Acq: 17 Sep 2022 05:39

Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#15

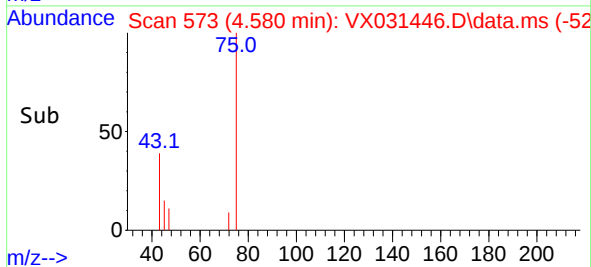
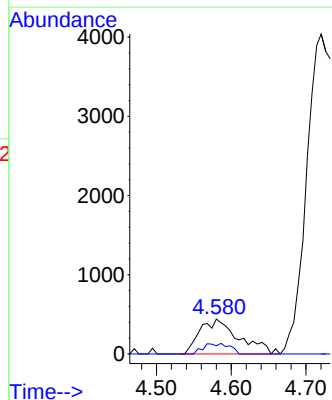
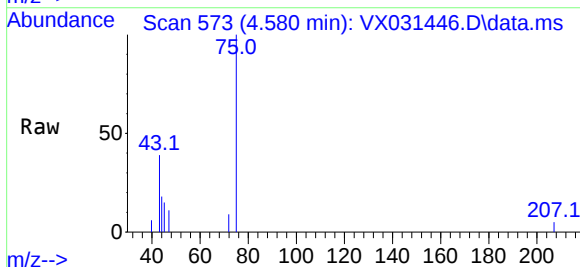


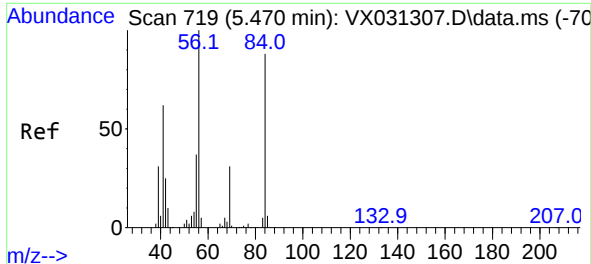
Tgt Ion: 84 Resp: 2495
Ion Ratio Lower Upper
84 100
49 121.8 105.9 158.9
51 44.0 32.2 48.2
86 50.8 50.8 76.2



#25
2-Butanone
Concen: 1.120 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.018 min
Lab File: VX031446.D
Acq: 17 Sep 2022 05:39

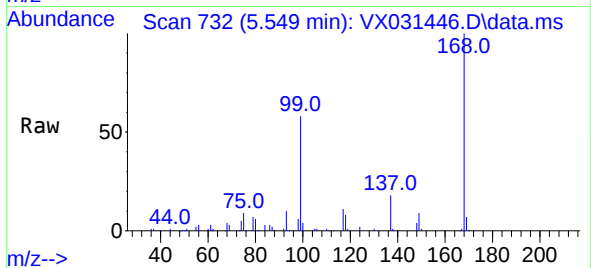
Tgt Ion: 43 Resp: 1596
Ion Ratio Lower Upper
43 100
72 23.4 21.1 31.7



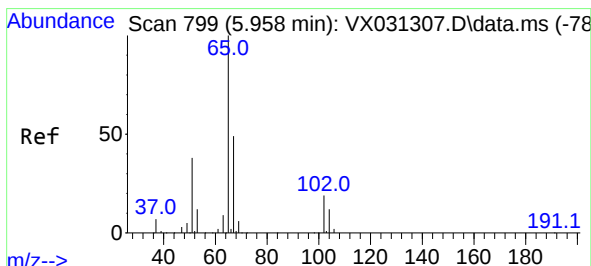
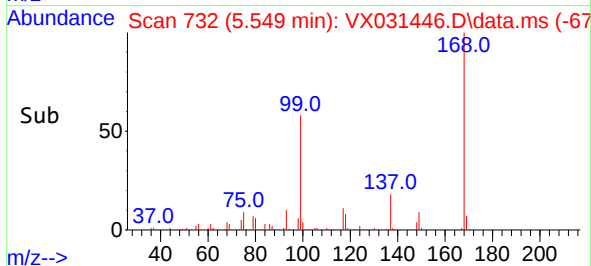
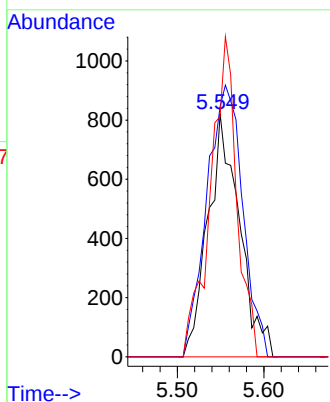


#31
Cyclohexane
Concen: 0.955 ug/l
RT: 5.549 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX031446.D
Acq: 17 Sep 2022 05:39

Instrument :
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ClientSampleId :
PB147603ZHE#15

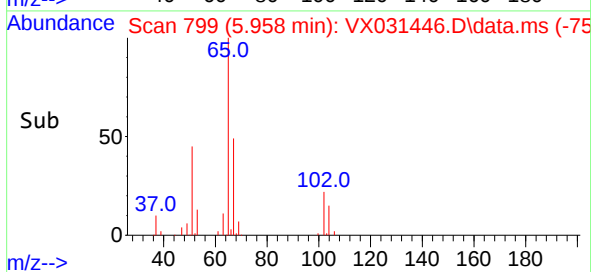
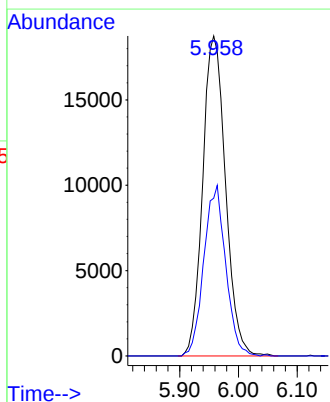
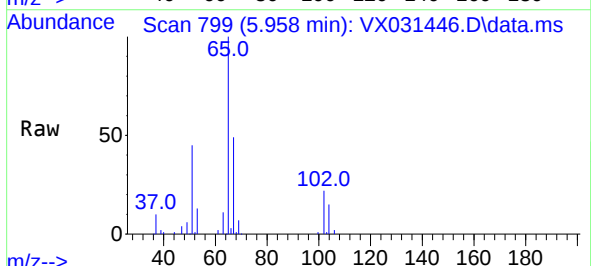


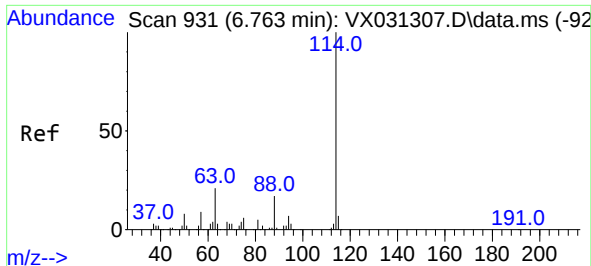
Tgt Ion: 56 Resp: 2077
Ion Ratio Lower Upper
56 100
69 102.9 25.1 37.7#
84 98.8 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 24.993 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX031446.D
Acq: 17 Sep 2022 05:39

Tgt Ion: 65 Resp: 50578
Ion Ratio Lower Upper
65 100
67 51.0 0.0 102.4

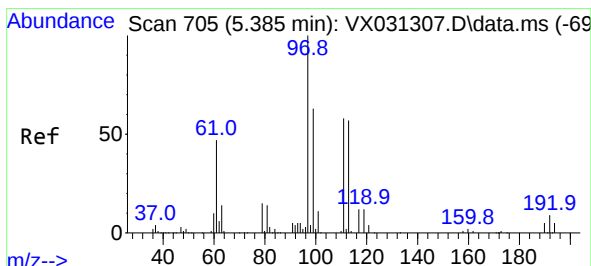
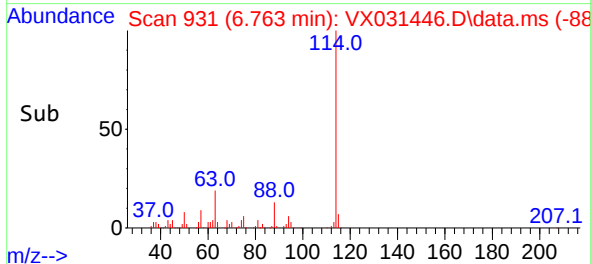
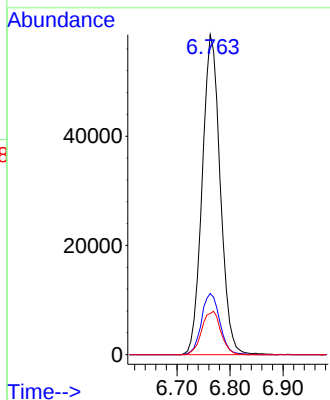
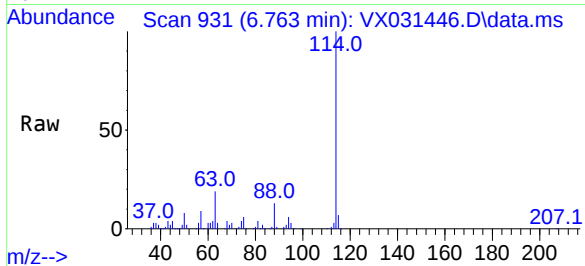




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031446.D
Acq: 17 Sep 2022 05:39

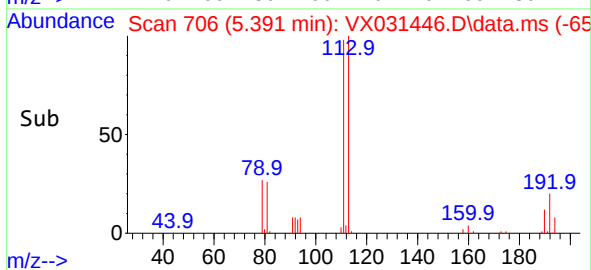
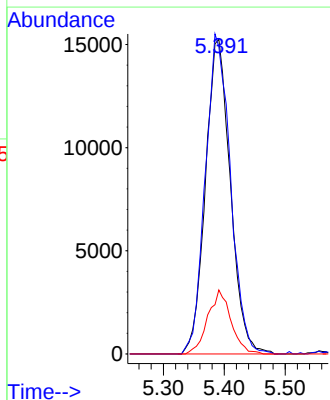
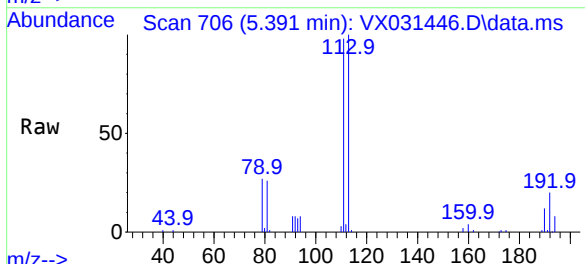
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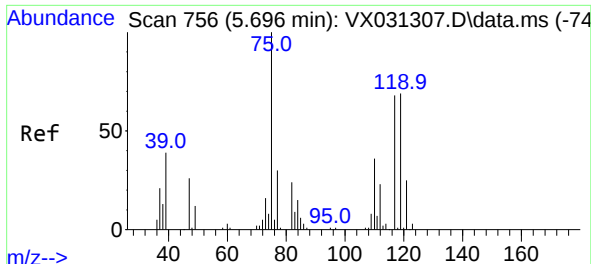
Tgt Ion:114 Resp: 138318
Ion Ratio Lower Upper
114 100
63 19.1 0.0 42.6
88 12.8 0.0 33.0



#35
Dibromofluoromethane
Concen: 29.127 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX031446.D
Acq: 17 Sep 2022 05:39

Tgt Ion:113 Resp: 43307
Ion Ratio Lower Upper
113 100
111 102.6 82.4 123.6
192 19.0 14.1 21.1

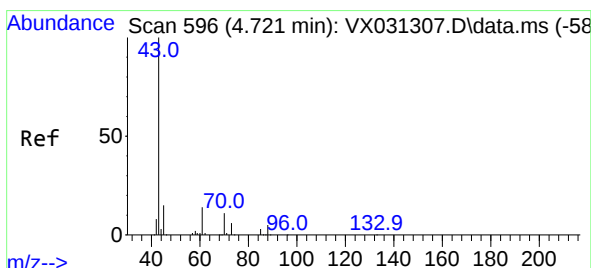
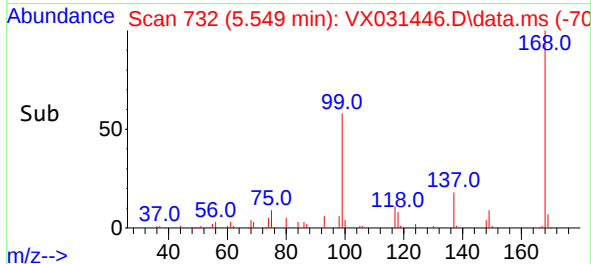
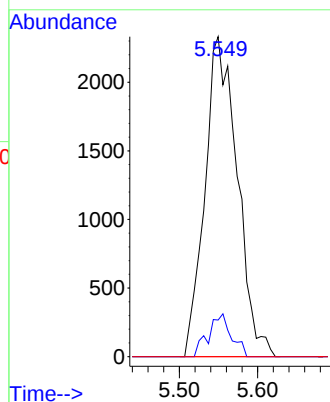
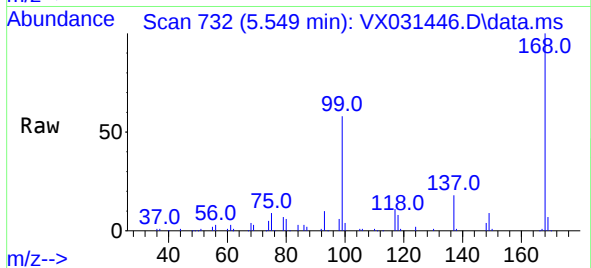




#36
1,1-Dichloropropene
Concen: 3.286 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.147 min
Lab File: VX031446.D
Acq: 17 Sep 2022 05:39

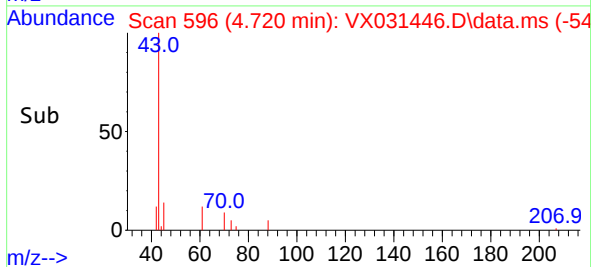
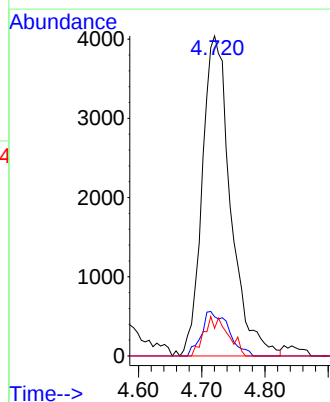
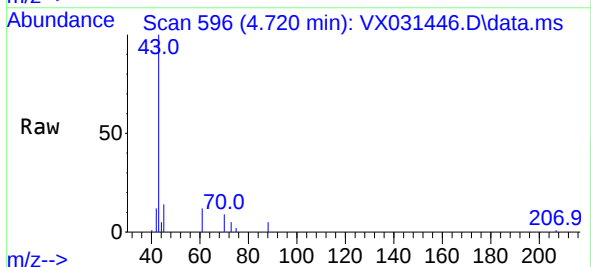
Instrument :
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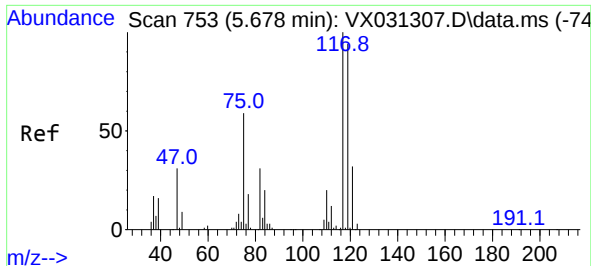
Tgt Ion: 75 Resp: 6688
Ion Ratio Lower Upper
75 100
110 9.5 17.5 52.5#
77 0.0 24.9 37.3#



#37
Ethyl Acetate
Concen: 4.710 ug/l
RT: 4.720 min Scan# 596
Delta R.T. -0.000 min
Lab File: VX031446.D
Acq: 17 Sep 2022 05:39

Tgt Ion: 43 Resp: 12596
Ion Ratio Lower Upper
43 100
61 13.3 11.1 16.7
70 10.2 8.6 13.0

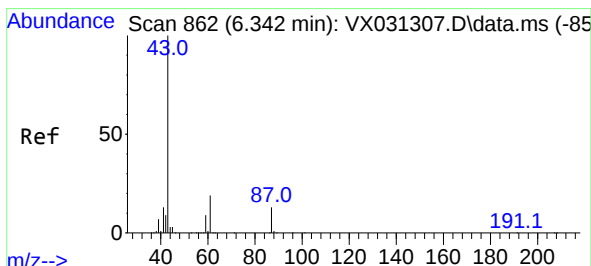
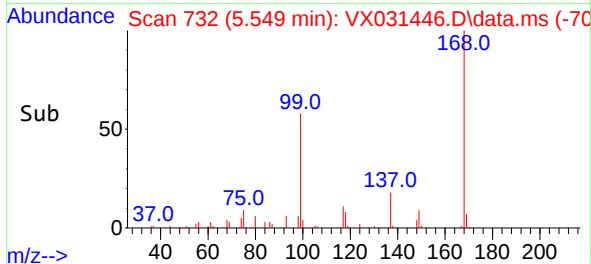
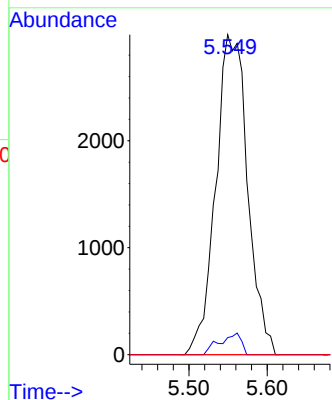
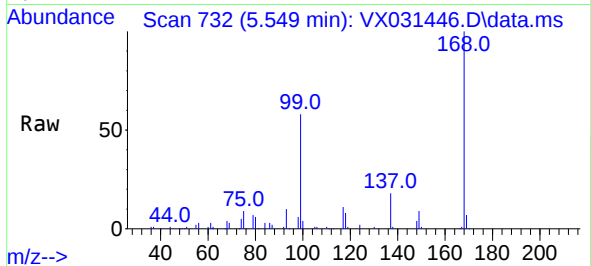




#38
Carbon Tetrachloride
Concen: 3.822 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX031446.D
Acq: 17 Sep 2022 05:39

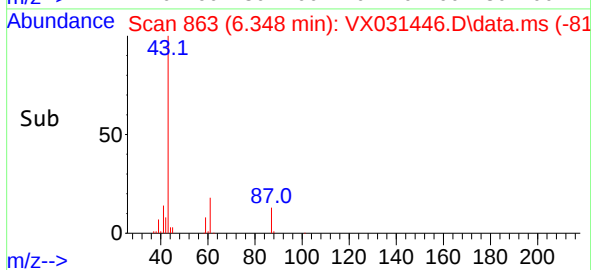
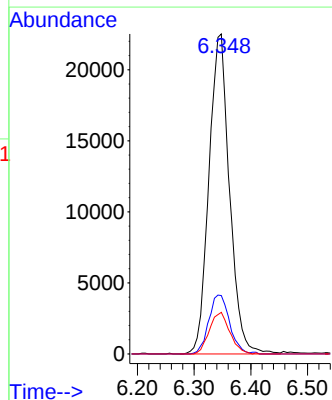
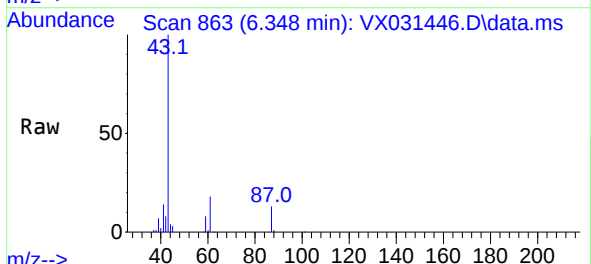
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#15

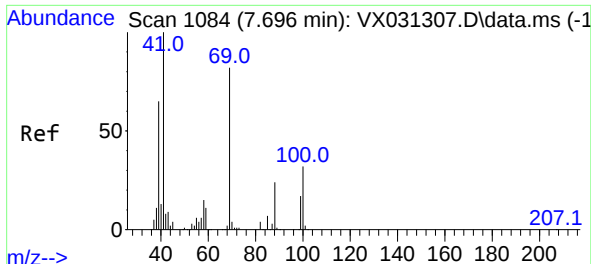
Tgt Ion:117 Resp: 8454
Ion Ratio Lower Upper
117 100
119 5.3 74.6 112.0#
121 0.0 25.3 37.9#



#43
Isopropyl Acetate
Concen: 12.440 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX031446.D
Acq: 17 Sep 2022 05:39

Tgt Ion: 43 Resp: 56788
Ion Ratio Lower Upper
43 100
61 18.7 15.3 22.9
87 12.9 10.6 15.8

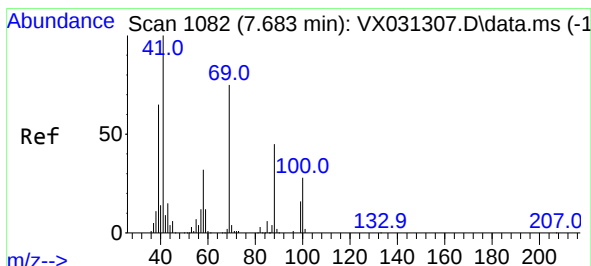
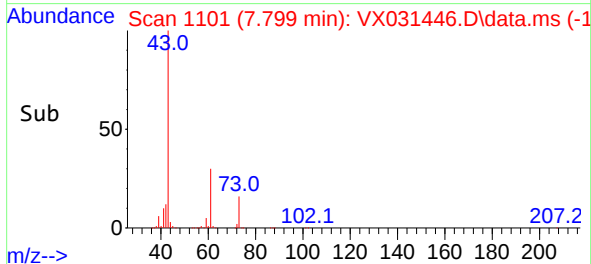
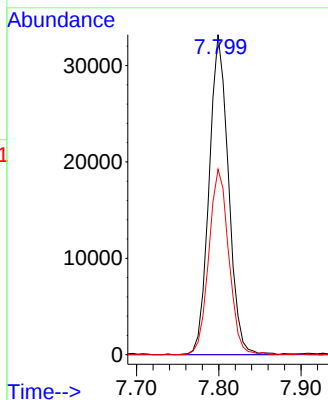
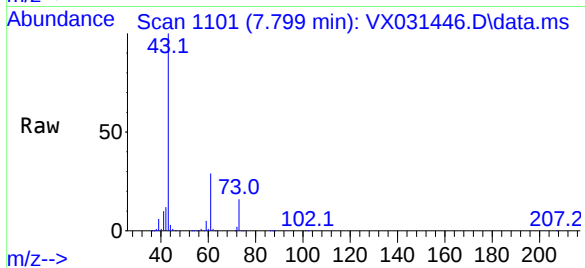




#48
Methyl methacrylate
Concen: 26.103 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.103 min
Lab File: VX031446.D
Acq: 17 Sep 2022 05:39

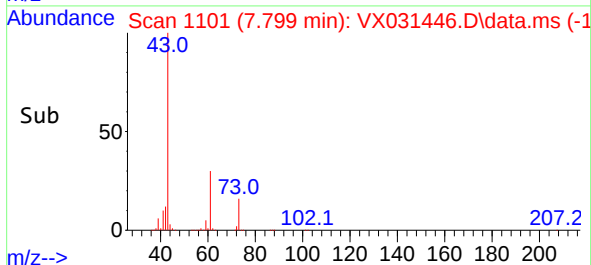
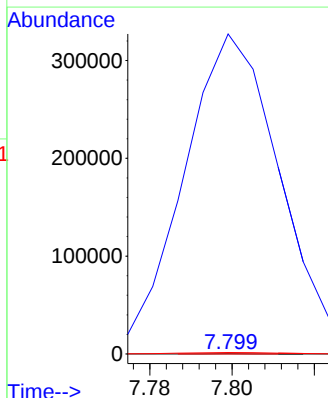
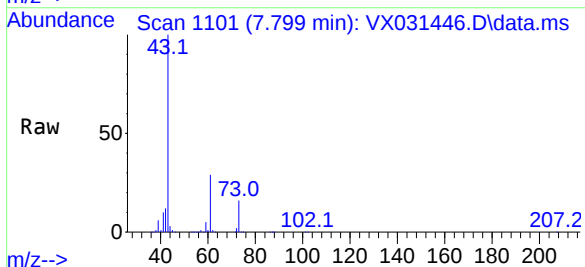
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#15

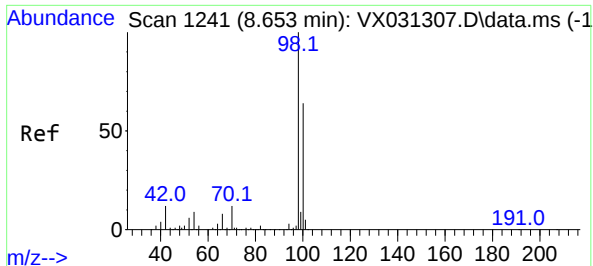
Tgt Ion: 41 Resp: 54244
Ion Ratio Lower Upper
41 100
69 0.0 64.6 96.8#
39 59.7 51.4 77.0



#49
1,4-Dioxane
Concen: 0.960 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.116 min
Lab File: VX031446.D
Acq: 17 Sep 2022 05:39

Tgt Ion: 88 Resp: 40
Ion Ratio Lower Upper
88 100
43 1358725.0 27.1 40.7#
58 6217.5 53.9 80.9#

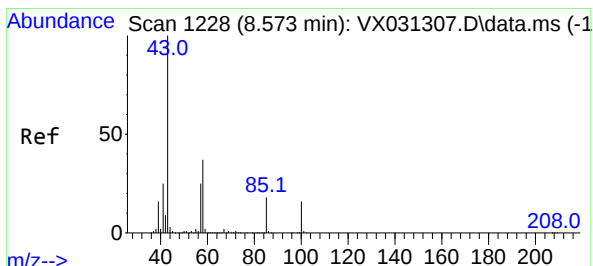
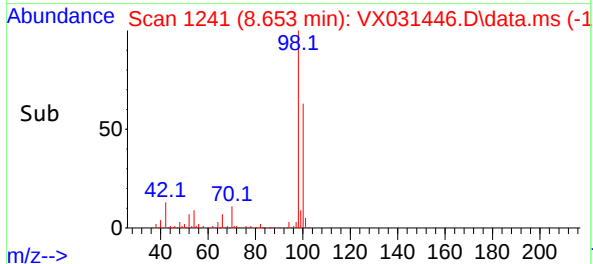
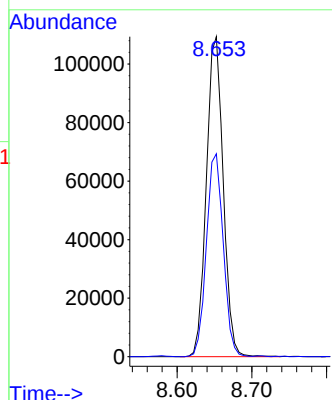
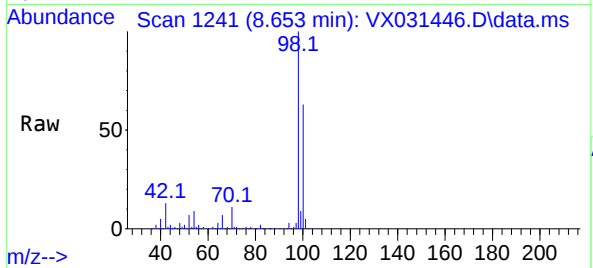




#50
Toluene-d8
Concen: 30.629 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031446.D
Acq: 17 Sep 2022 05:39

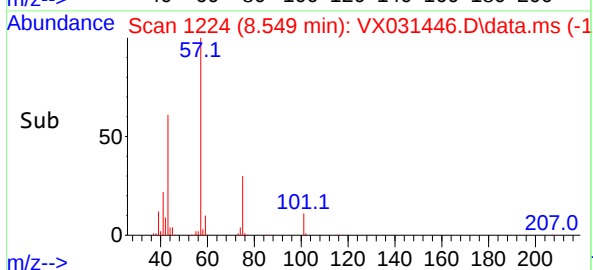
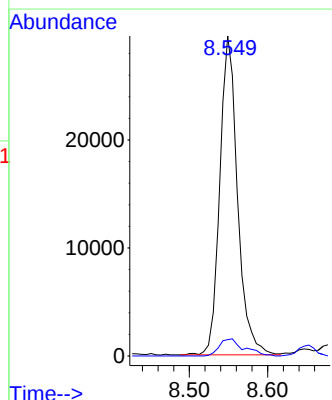
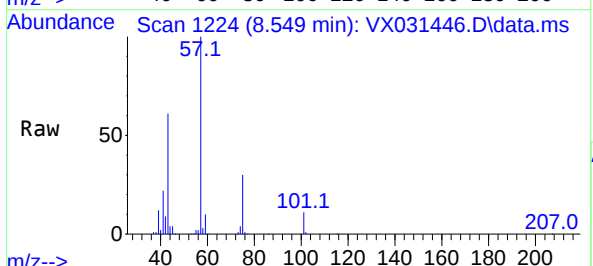
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#15

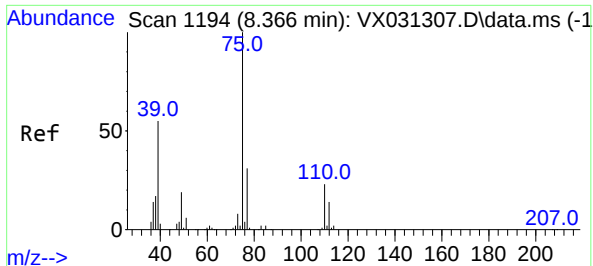
Tgt Ion: 98 Resp: 170826
Ion Ratio Lower Upper
98 100
100 63.7 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 16.784 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.025 min
Lab File: VX031446.D
Acq: 17 Sep 2022 05:39

Tgt Ion: 43 Resp: 46570
Ion Ratio Lower Upper
43 100
58 7.5 30.6 46.0#





#54

cis-1,3-Dichloropropene

Concen: 7.738 ug/l

RT: 8.549 min Scan# 1194

Delta R.T. 0.183 min

Lab File: VX031446.D

Acq: 17 Sep 2022 05:39

Instrument :

MSVOA_X

ClientSampleId :

PB147603ZHE#15

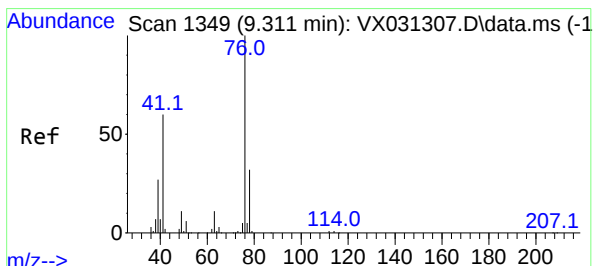
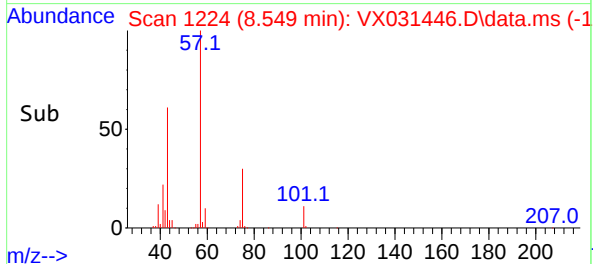
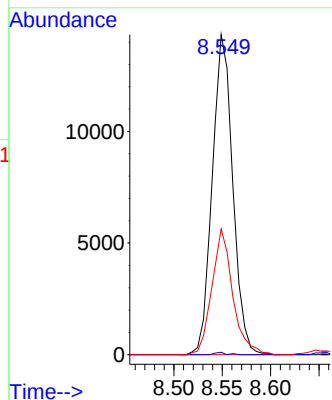
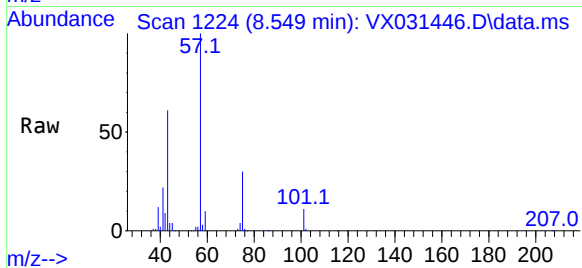
Tgt Ion: 75 Resp: 21117

Ion Ratio Lower Upper

75 100

77 0.8 24.4 36.6#

39 39.3 43.7 65.5#



#57

1,3-Dichloropropane

Concen: 0.991 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.170 min

Lab File: VX031446.D

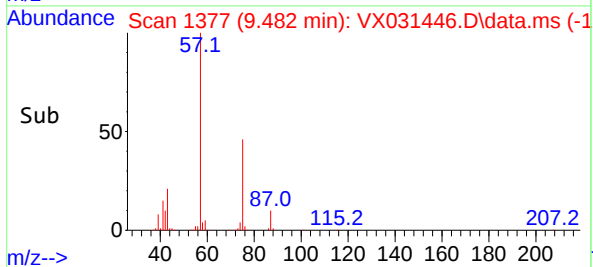
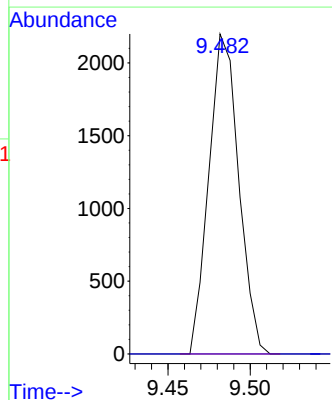
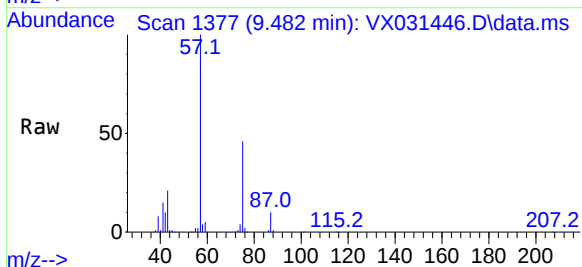
Acq: 17 Sep 2022 05:39

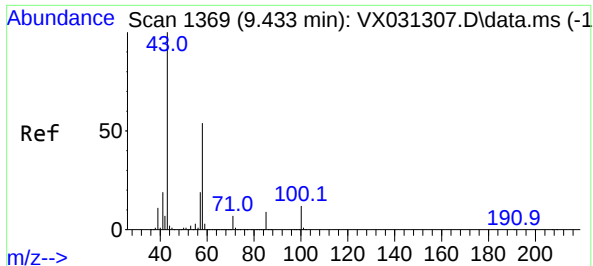
Tgt Ion: 76 Resp: 2780

Ion Ratio Lower Upper

76 100

78 0.0 25.5 38.3#





#59

2-Hexanone

Concen: 18.004 ug/l

RT: 9.482 min Scan# 11

Delta R.T. 0.049 min

Lab File: VX031446.D

Acq: 17 Sep 2022 05:39

Instrument :

MSVOA_X

ClientSampleId :

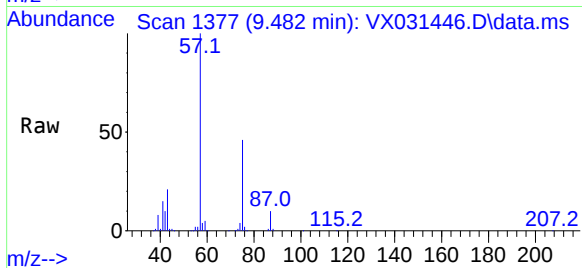
PB147603ZHE#15

Tgt Ion: 43 Resp: 38128

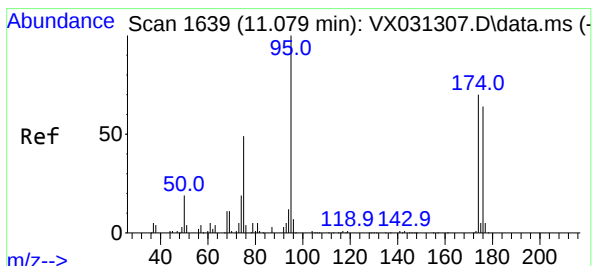
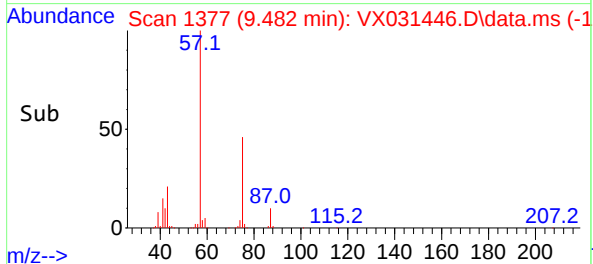
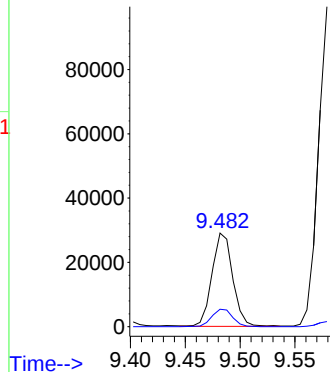
Ion Ratio Lower Upper

43 100

58 19.0 26.7 80.0#



Abundance



#62

4-Bromofluorobenzene

Concen: 26.914 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX031446.D

Acq: 17 Sep 2022 05:39

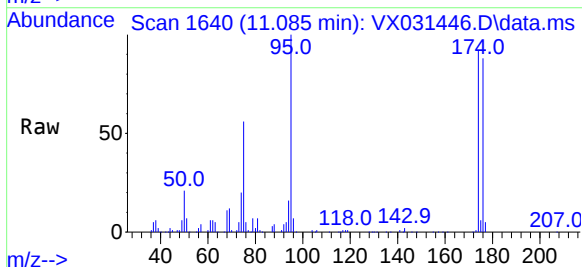
Tgt Ion: 95 Resp: 54967

Ion Ratio Lower Upper

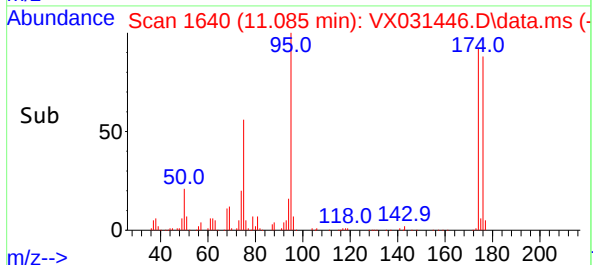
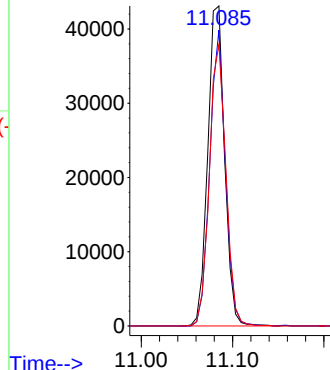
95 100

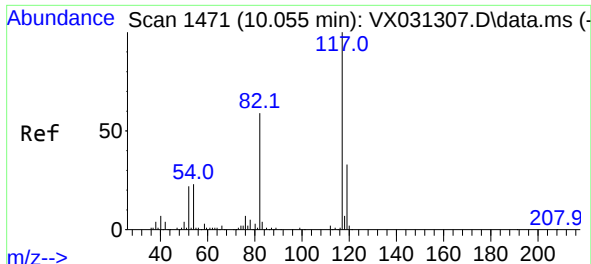
174 86.1 0.0 153.2

176 86.4 0.0 144.0



Abundance

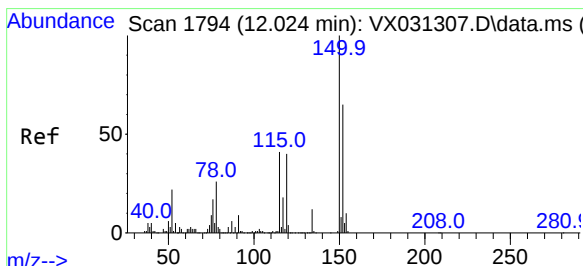
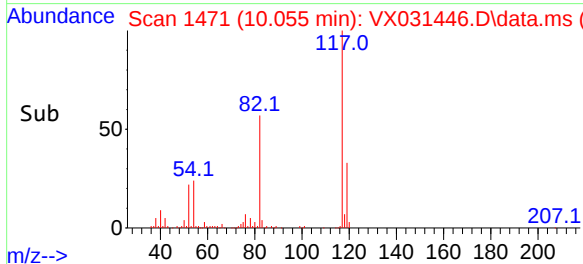
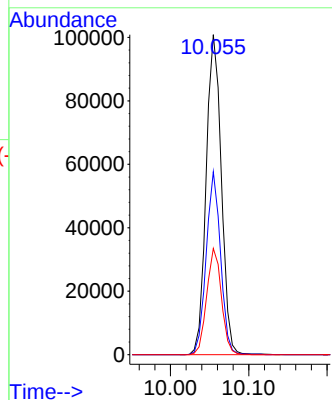
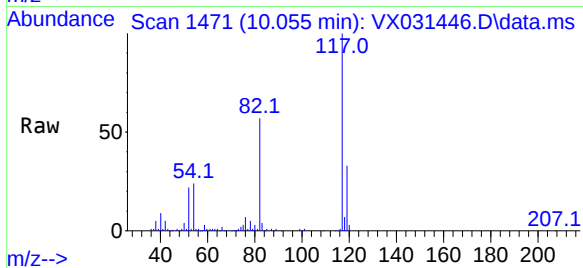




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031446.D
Acq: 17 Sep 2022 05:39

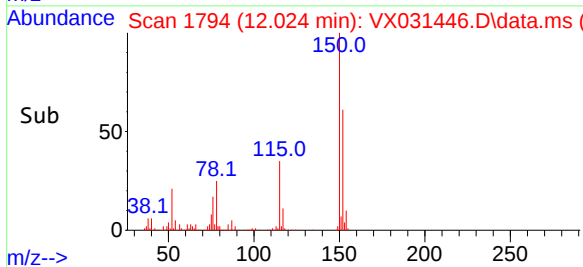
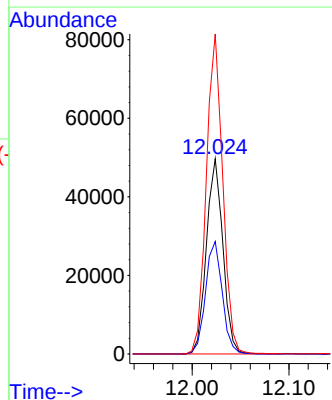
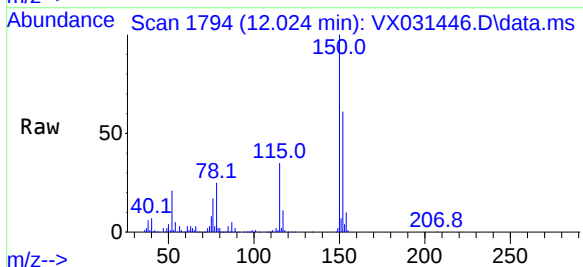
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#15

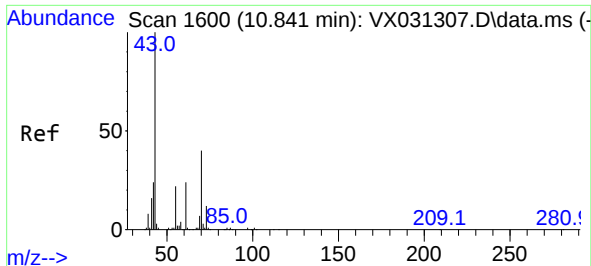
Tgt Ion:117 Resp: 135255
Ion Ratio Lower Upper
117 100
82 57.1 46.8 70.2
119 33.2 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX031446.D
Acq: 17 Sep 2022 05:39

Tgt Ion:152 Resp: 59018
Ion Ratio Lower Upper
152 100
115 58.5 43.4 130.1
150 162.6 0.0 346.8

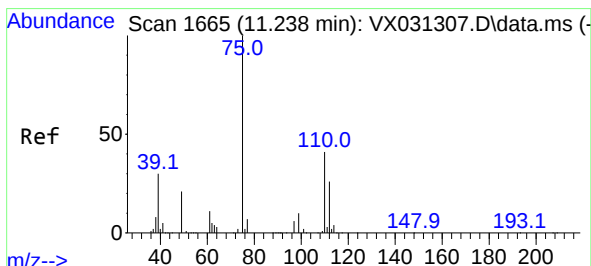
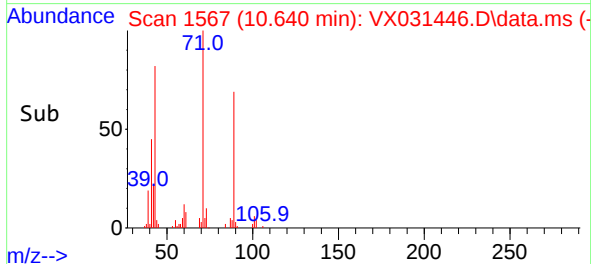
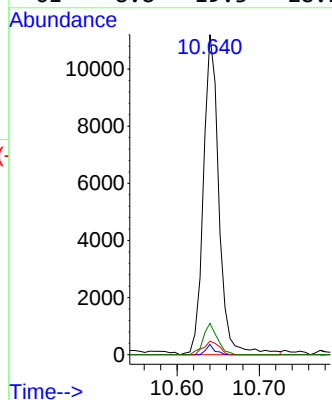
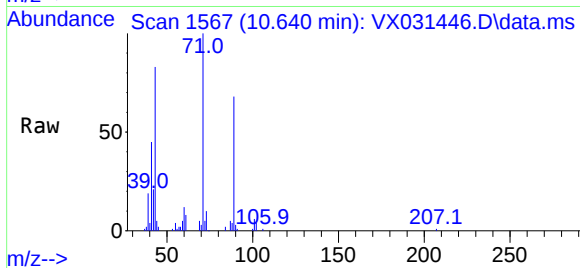




#74
N-amy1 acetate
Concen: 6.783 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.201 min
Lab File: VX031446.D
Acq: 17 Sep 2022 05:39

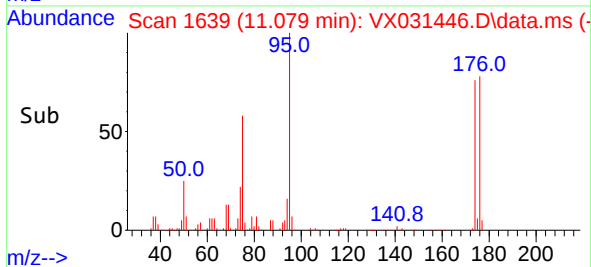
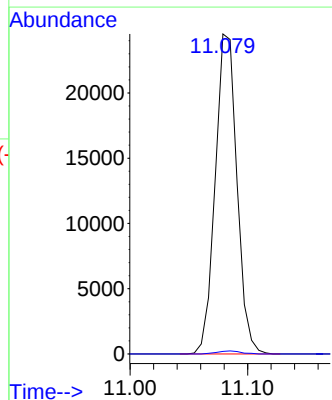
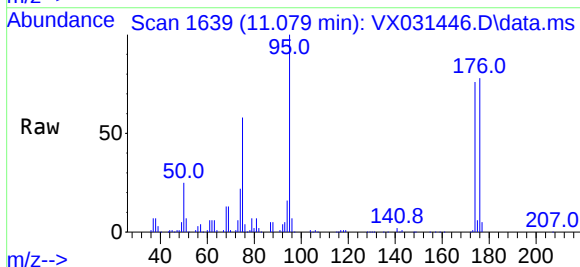
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#15

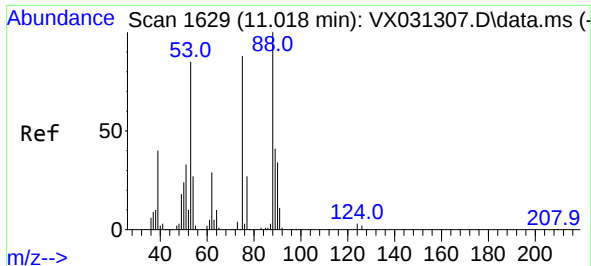
Tgt Ion:	43	Resp:	14699
Ion	Ratio	Lower	Upper
43	100		
70	1.8	33.4	50.2#
55	4.1	18.2	27.2#
61	8.8	19.3	28.9#



#76
1,2,3-Trichloropropane
Concen: 21.181 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031446.D
Acq: 17 Sep 2022 05:39

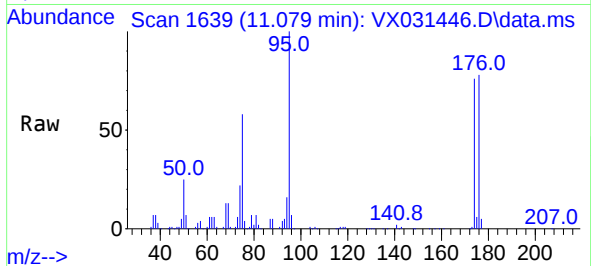
Tgt Ion:	75	Resp:	31501
Ion	Ratio	Lower	Upper
75	100		
77	1.0	20.3	60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.607 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX031446.D
 Acq: 17 Sep 2022 05:39

Instrument :
 MSVOA_X
 ClientSampleId :
 PB147603ZHE#15



Tgt Ion: 75 Resp: 31501
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 37.4 56.0#

