

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091622\
 Data File : VX031444.D
 Acq On : 17 Sep 2022 04:52
 Operator : JC/MD
 Sample : PB147603ZHE#13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB147603ZHE#13

Quant Time: Sep 17 05:35:22 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

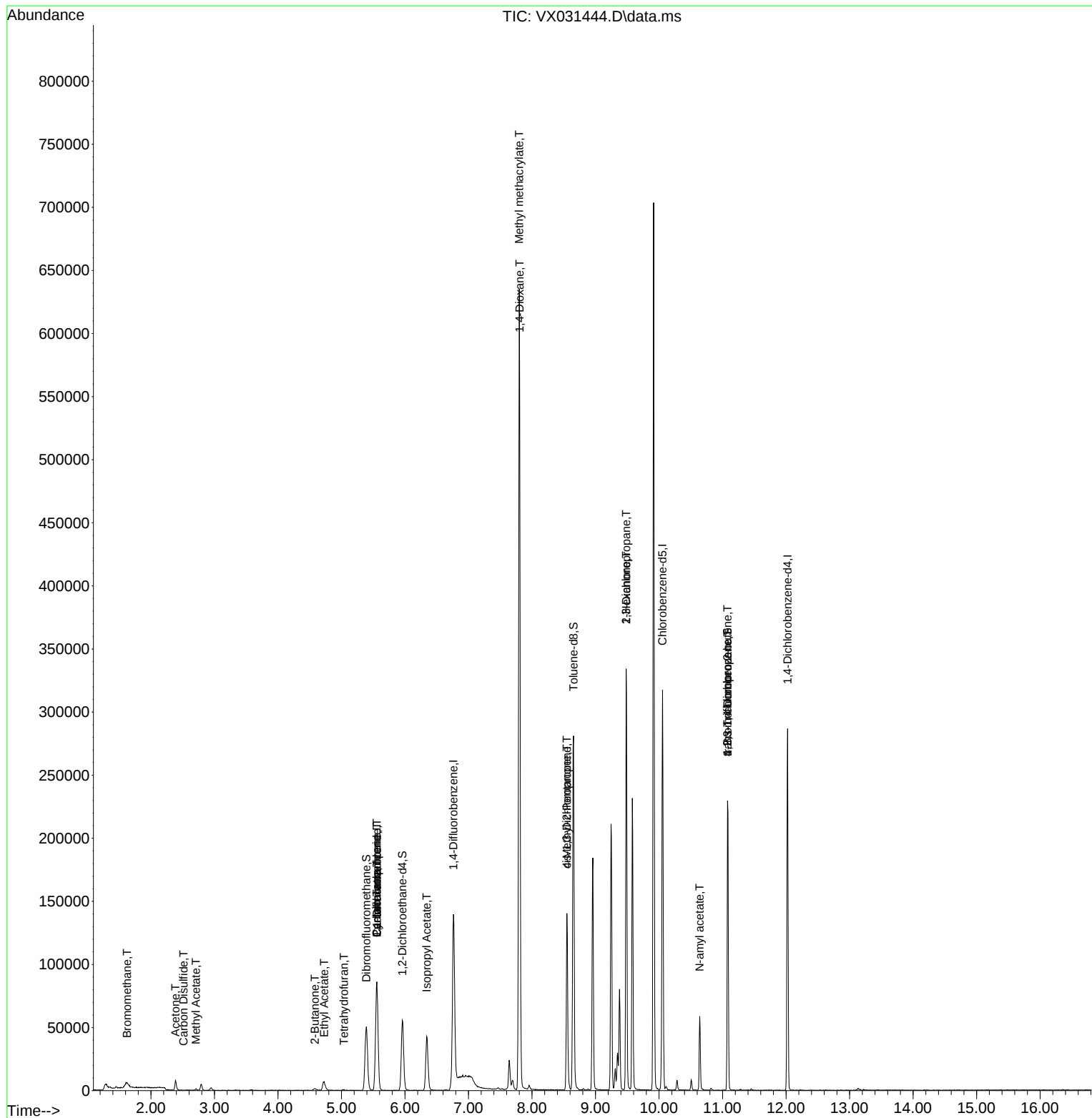
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.555	168	80737	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	136143	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	130506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	49837	25.148	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	50.300%#
35) Dibromofluoromethane	5.391	113	42073	28.749	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	57.500%#
50) Toluene-d8	8.652	98	165550	30.157	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	60.320%#
62) 4-Bromofluorobenzene	11.079	95	51870	25.803	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	51.600%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	265	Below Cal	#	41
5) Bromomethane	1.623	94	335	0.317	ug/l #	61
11) Tert butyl alcohol	2.946	59	1265	Below Cal	#	73
16) Acetone	2.385	43	8341	9.859	ug/l	99
17) Carbon Disulfide	2.513	76	47	0.897	ug/l #	75
18) Methyl Acetate	2.708	43	1412	0.563	ug/l #	88
20) Methylene Chloride	2.794	84	2139	Below Cal	#	84
21) trans-1,2-Dichloroethene	3.190	96	21	Below Cal	#	1
25) 2-Butanone	4.580	43	1582	1.134	ug/l #	82
29) Tetrahydrofuran	5.037	42	358	0.414	ug/l #	61
31) Cyclohexane	5.555	56	1886	0.886	ug/l #	12
36) 1,1-Dichloropropene	5.555	75	6523	3.257	ug/l #	49
37) Ethyl Acetate	4.726	43	12061	4.582	ug/l	97
38) Carbon Tetrachloride	5.555	117	8303	3.813	ug/l #	17
43) Isopropyl Acetate	6.342	43	58690	13.062	ug/l	98
48) Methyl methacrylate	7.799	41	53736	26.272	ug/l #	47
49) 1,4-Dioxane	7.805	88	73	1.780	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	47682	17.459	ug/l #	49
54) cis-1,3-Dichloropropene	8.549	75	22025	8.199	ug/l #	64
57) 1,3-Dichloropropane	9.482	76	2783	1.008	ug/l #	43
59) 2-Hexanone	9.482	43	37130	17.813	ug/l #	53
74) N-amyl acetate	10.640	43	14703	7.105	ug/l #	53
76) 1,2,3-Trichloropropane	11.079	75	30952	21.795	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	30952	60.308	ug/l #	11

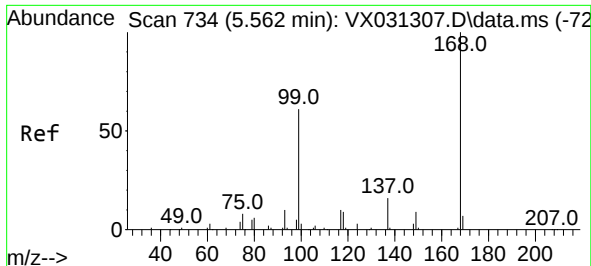
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Sep 15 01:50:07 2022
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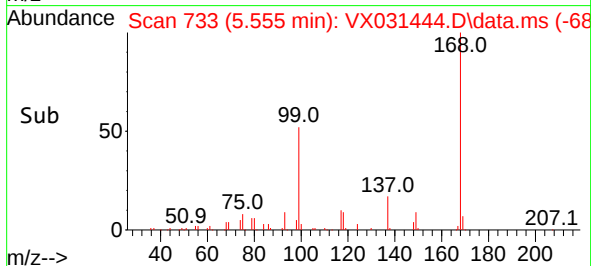
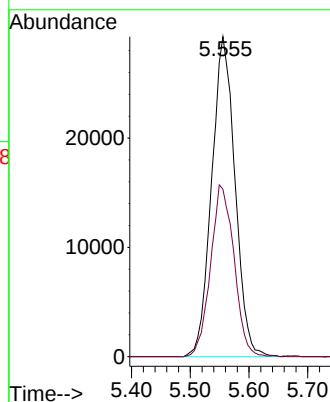
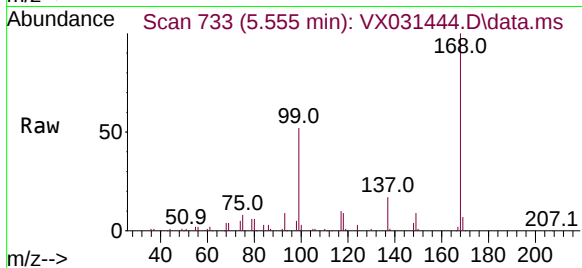




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX031444.D
Acq: 17 Sep 2022 04:52

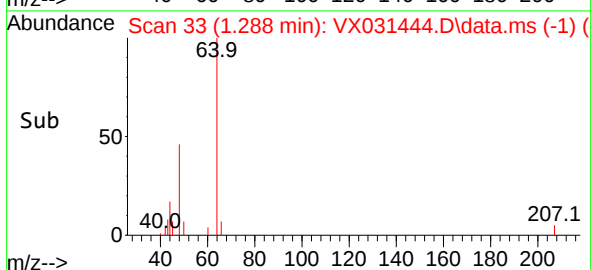
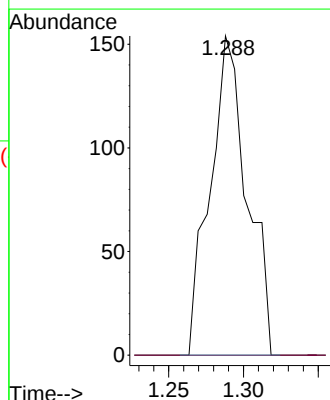
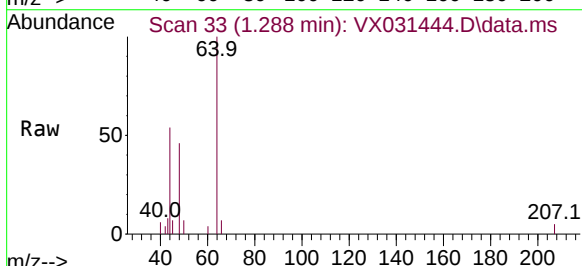
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#13

Tgt Ion:168 Resp: 80737
Ion Ratio Lower Upper
168 100
99 52.4 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.000 min
Lab File: VX031444.D
Acq: 17 Sep 2022 04:52

Tgt Ion: 50 Resp: 265
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#





#5

Bromomethane

Concen: 0.317 ug/l

RT: 1.623 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX031444.D

Acq: 17 Sep 2022 04:52

Instrument :

MSVOA_X

ClientSampleId :

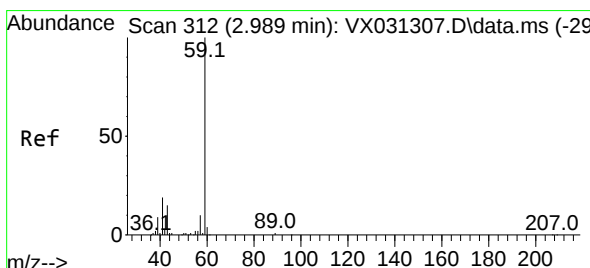
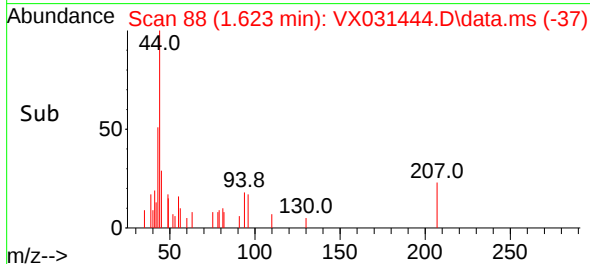
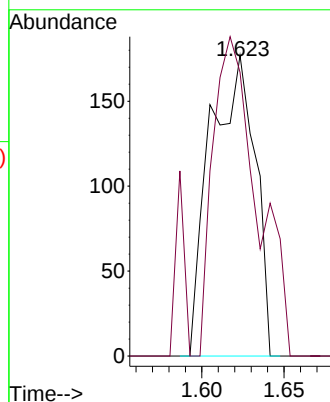
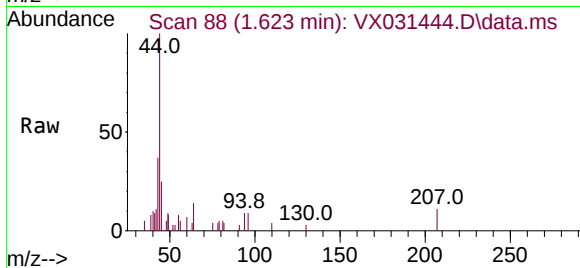
PB147603ZHE#13

Tgt Ion: 94 Resp: 335

Ion Ratio Lower Upper

94 100

96 55.4 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: VX031444.D

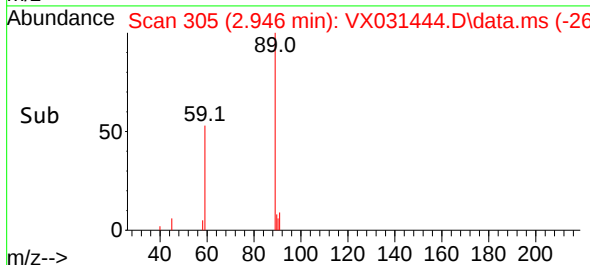
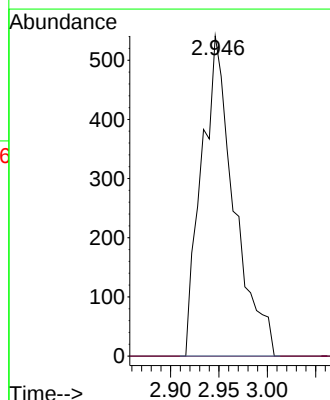
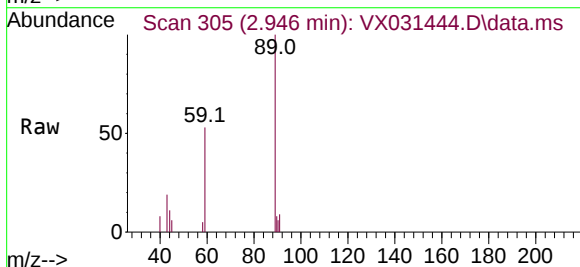
Acq: 17 Sep 2022 04:52

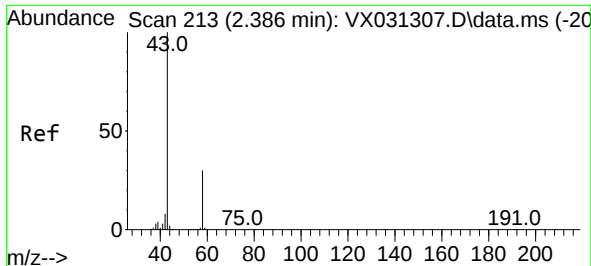
Tgt Ion: 59 Resp: 1265

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#

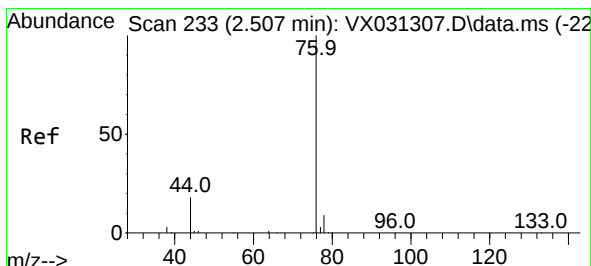
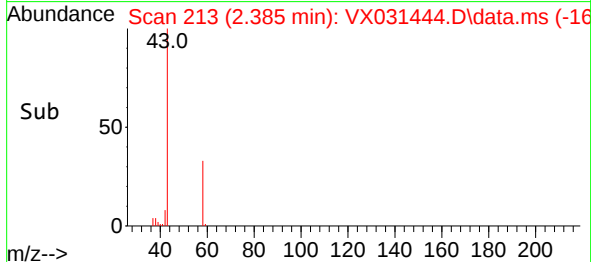
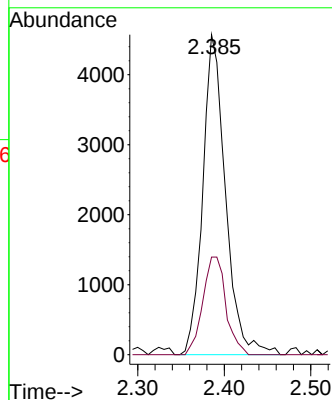
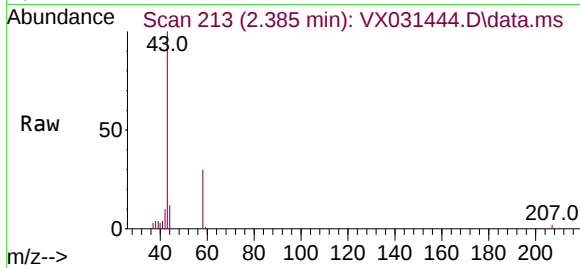




#16
Acetone
Concen: 9.859 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX031444.D
Acq: 17 Sep 2022 04:52

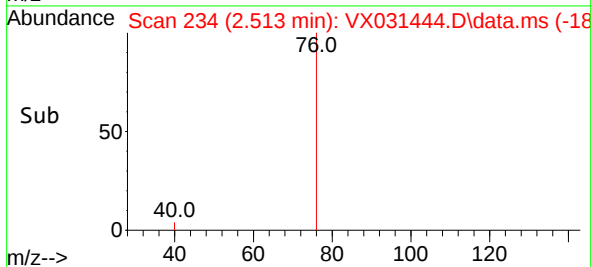
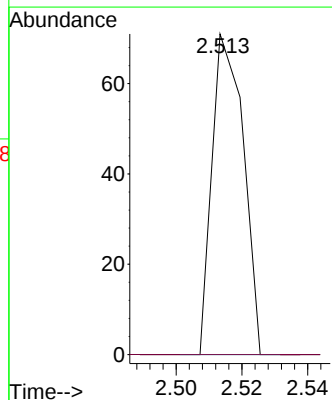
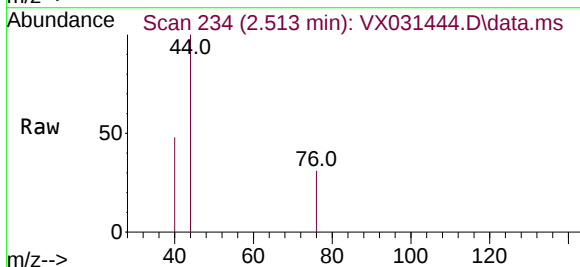
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#13

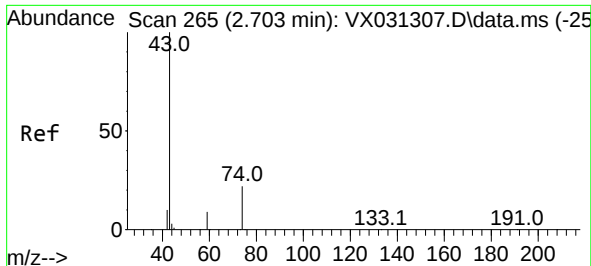
Tgt Ion: 43 Resp: 8341
Ion Ratio Lower Upper
43 100
58 30.5 23.8 35.8



#17
Carbon Disulfide
Concen: 0.897 ug/l
RT: 2.513 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX031444.D
Acq: 17 Sep 2022 04:52

Tgt Ion: 76 Resp: 47
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

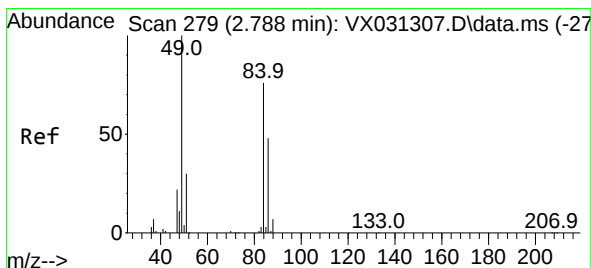
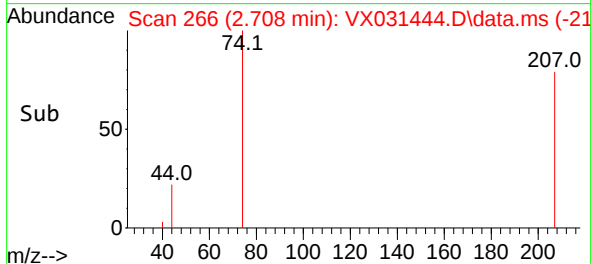
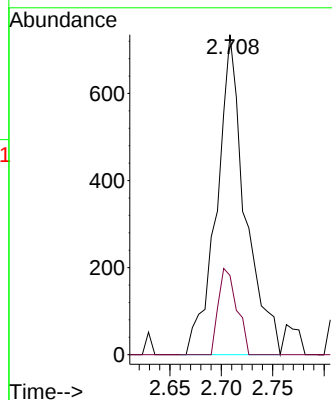
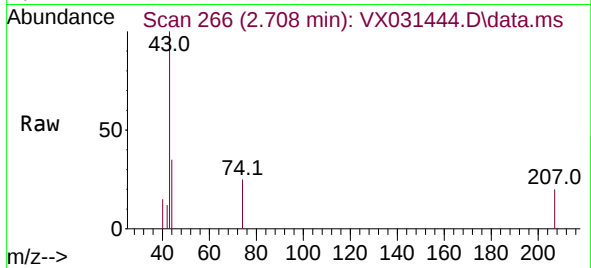




#18
Methyl Acetate
Concen: 0.563 ug/l
RT: 2.708 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX031444.D
Acq: 17 Sep 2022 04:52

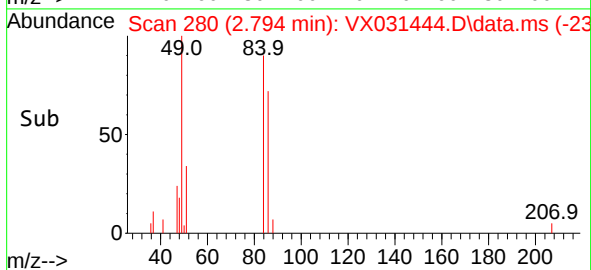
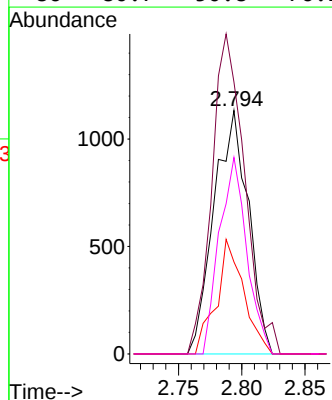
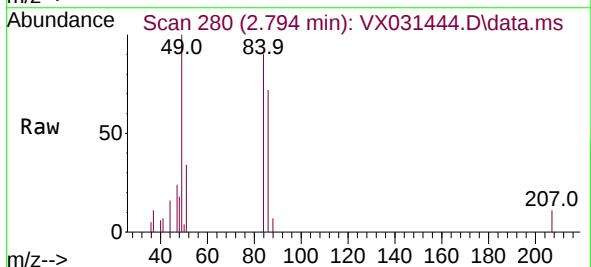
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#13

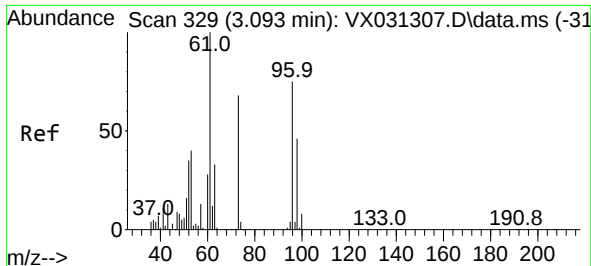
Tgt Ion: 43 Resp: 1412
Ion Ratio Lower Upper
43 100
74 17.5 18.6 27.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX031444.D
Acq: 17 Sep 2022 04:52

Tgt Ion: 84 Resp: 2139
Ion Ratio Lower Upper
84 100
49 111.7 105.9 158.9
51 37.8 32.2 48.2
86 80.7 50.8 76.2#

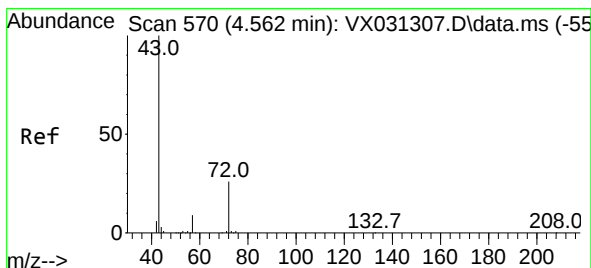
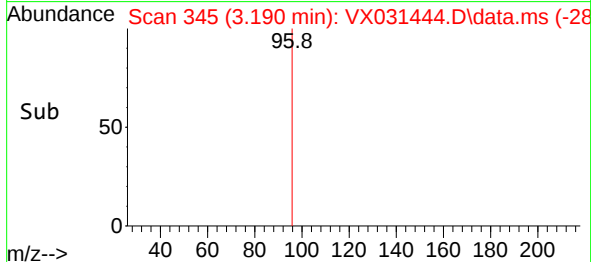
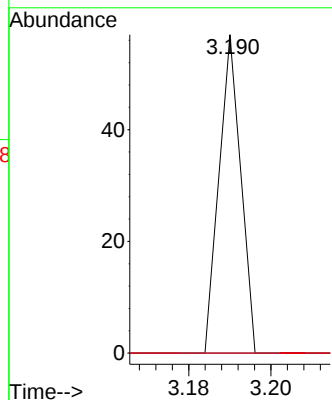
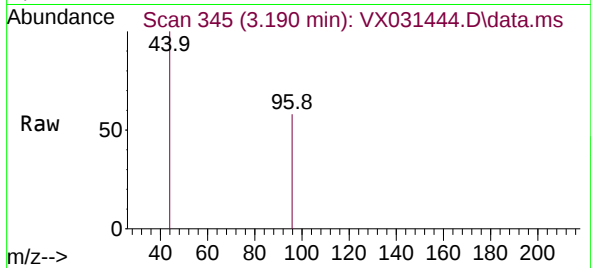




#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.190 min Scan# 341
Delta R.T. 0.097 min
Lab File: VX031444.D
Acq: 17 Sep 2022 04:52

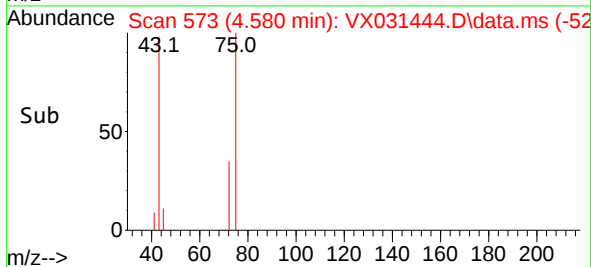
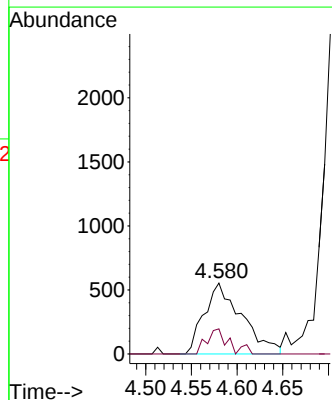
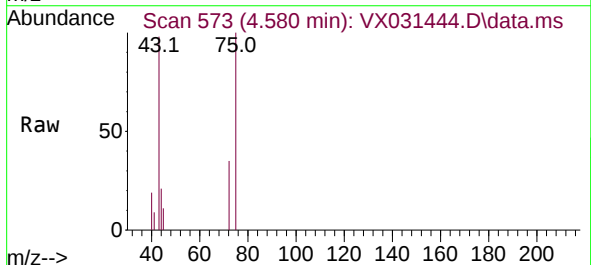
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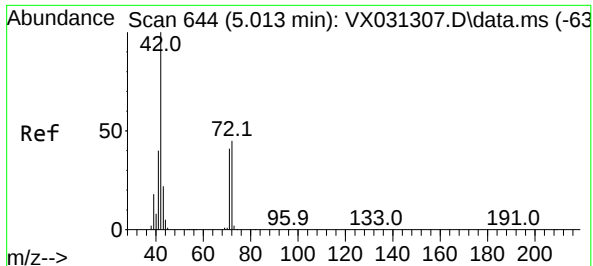
Tgt Ion: 96 Resp: 21
Ion Ratio Lower Upper
96 100
61 0.0 106.7 160.1#
98 0.0 48.7 73.1#



#25
2-Butanone
Concen: 1.134 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.018 min
Lab File: VX031444.D
Acq: 17 Sep 2022 04:52

Tgt Ion: 43 Resp: 1582
Ion Ratio Lower Upper
43 100
72 35.4 21.1 31.7#





#29

Tetrahydrofuran

Concen: 0.414 ug/l

RT: 5.037 min Scan# 644

Delta R.T. 0.024 min

Lab File: VX031444.D

Acq: 17 Sep 2022 04:52

Instrument :

MSVOA_X

ClientSampleId :

PB147603ZHE#13

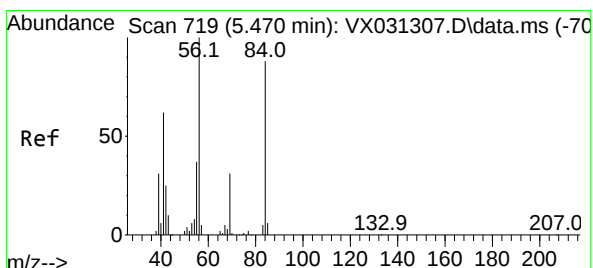
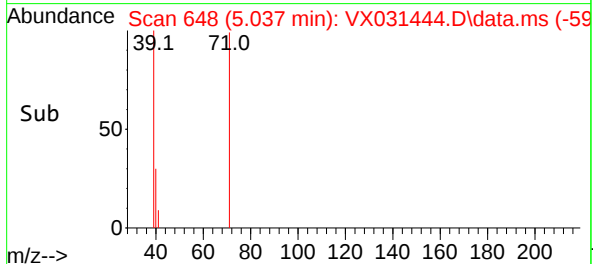
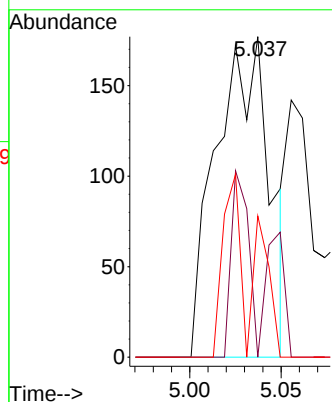
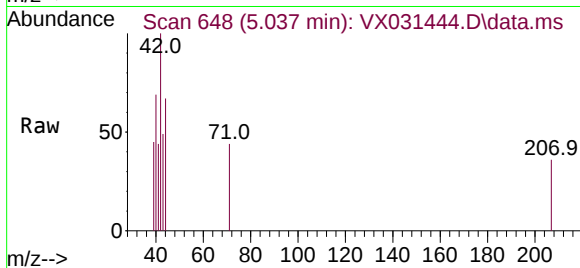
Tgt Ion: 42 Resp: 358

Ion Ratio Lower Upper

42 100

72 19.0 36.4 54.6#

71 18.4 33.5 50.3#



#31

Cyclohexane

Concen: 0.886 ug/l

RT: 5.555 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX031444.D

Acq: 17 Sep 2022 04:52

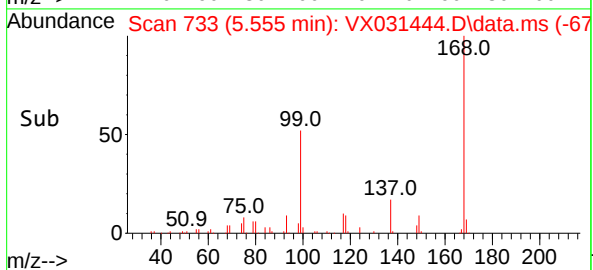
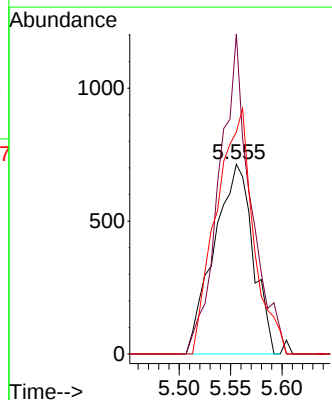
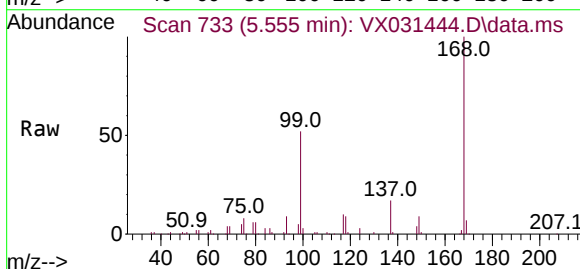
Tgt Ion: 56 Resp: 1886

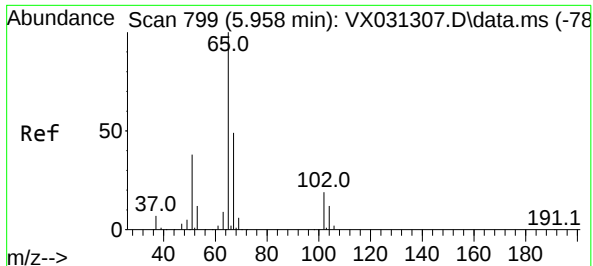
Ion Ratio Lower Upper

56 100

69 168.6 25.1 37.7#

84 116.9 70.2 105.4#





#33

1,2-Dichloroethane-d4

Concen: 25.148 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX031444.D

Acq: 17 Sep 2022 04:52

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ClientSampleId :

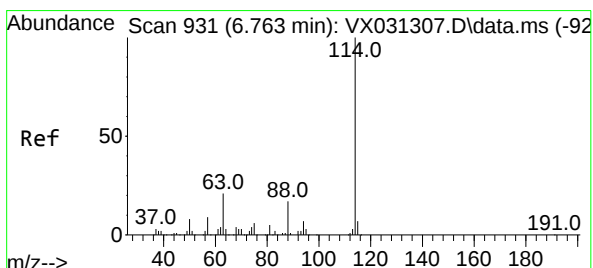
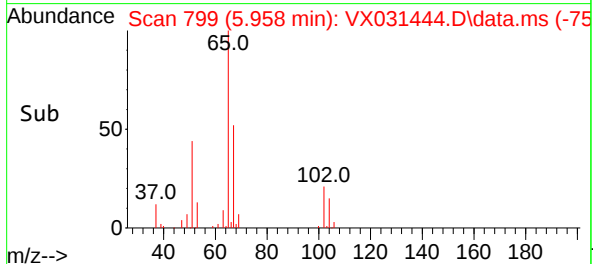
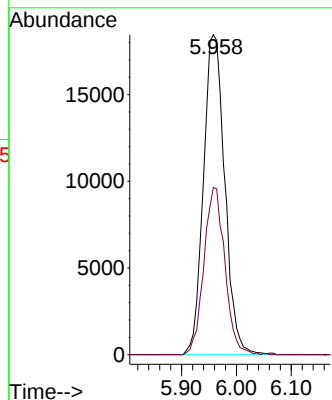
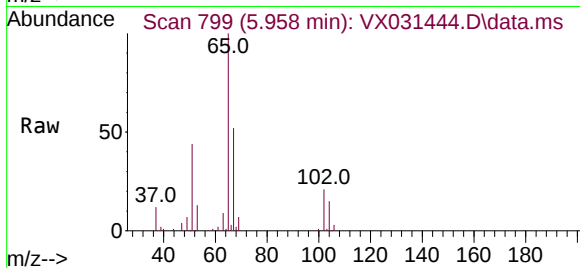
PB147603ZHE#13

Tgt Ion: 65 Resp: 49837

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: VX031444.D

Acq: 17 Sep 2022 04:52

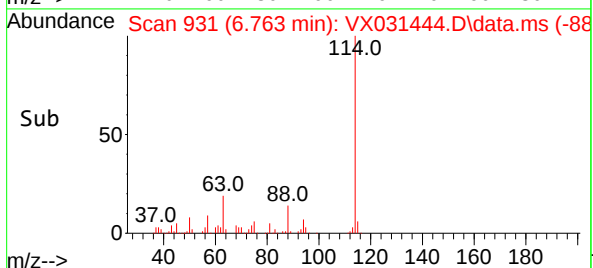
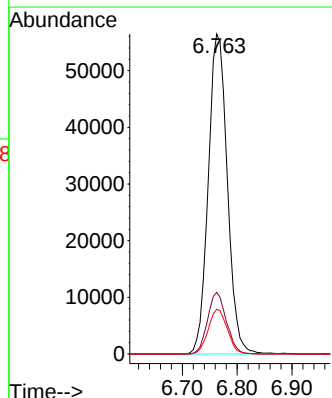
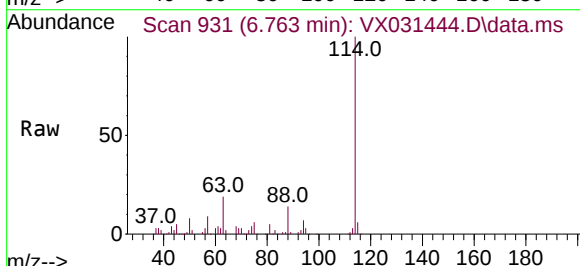
Tgt Ion: 114 Resp: 136143

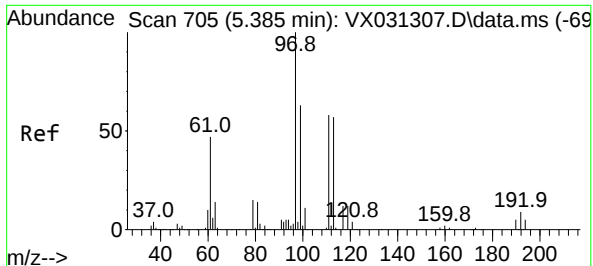
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.6

88 14.0 0.0 33.0

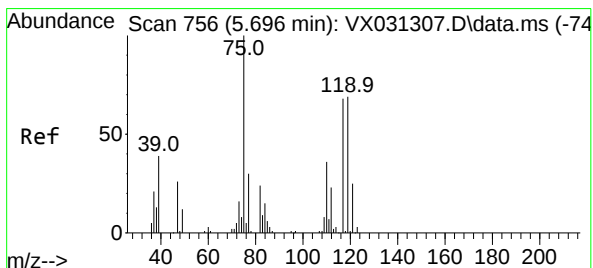
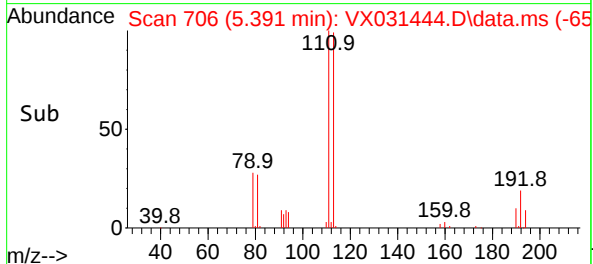
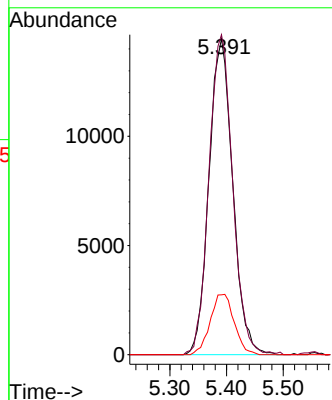
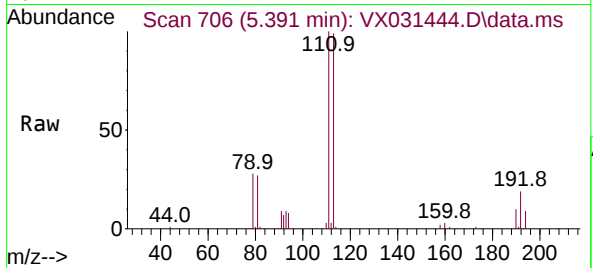




#35
Dibromofluoromethane
Concen: 28.749 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX031444.D
Acq: 17 Sep 2022 04:52

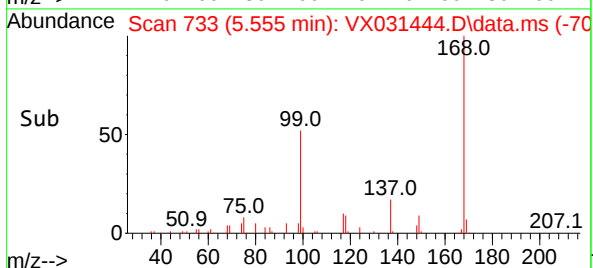
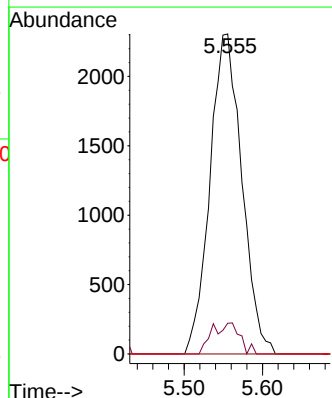
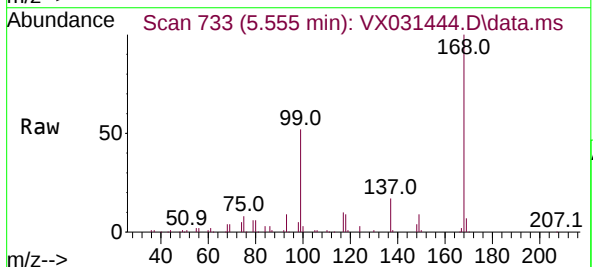
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#13

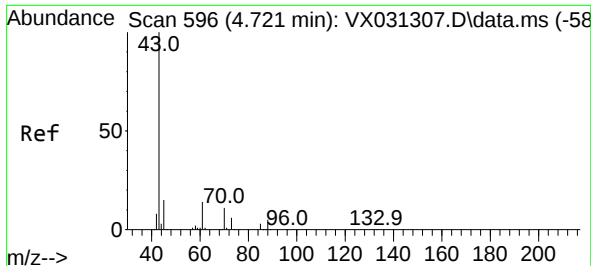
Tgt Ion:113 Resp: 42073
Ion Ratio Lower Upper
113 100
111 101.3 82.4 123.6
192 19.3 14.1 21.1



#36
1,1-Dichloropropene
Concen: 3.257 ug/l
RT: 5.555 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX031444.D
Acq: 17 Sep 2022 04:52

Tgt Ion: 75 Resp: 6523
Ion Ratio Lower Upper
75 100
110 8.5 17.5 52.5#
77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 4.582 ug/l

RT: 4.726 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX031444.D

Acq: 17 Sep 2022 04:52

Instrument :

MSVOA_X

ClientSampleId :

PB147603ZHE#13

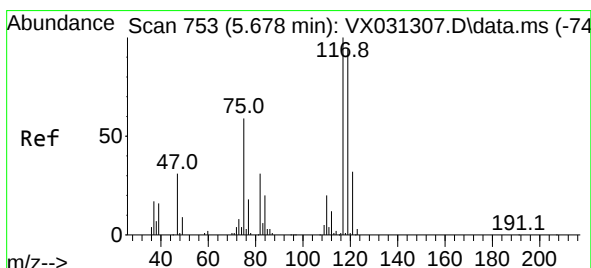
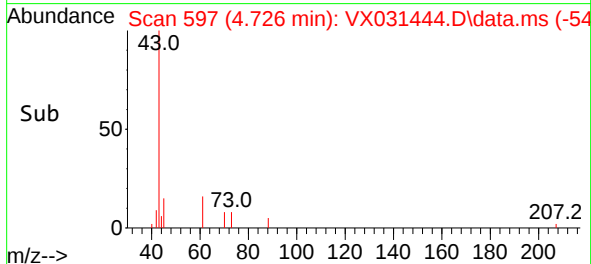
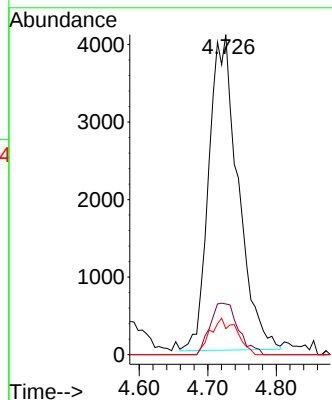
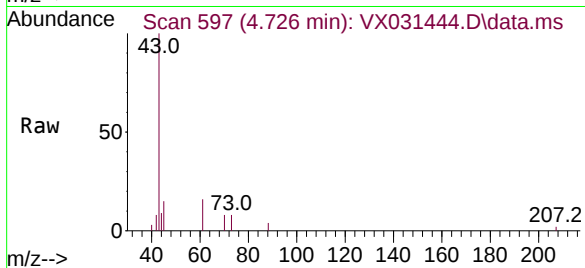
Tgt Ion: 43 Resp: 12061

Ion Ratio Lower Upper

43 100

61 15.7 11.1 16.7

70 10.3 8.6 13.0



#38

Carbon Tetrachloride

Concen: 3.813 ug/l

RT: 5.555 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX031444.D

Acq: 17 Sep 2022 04:52

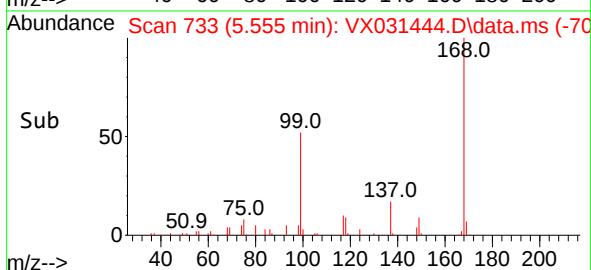
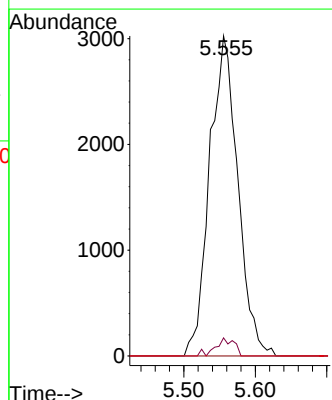
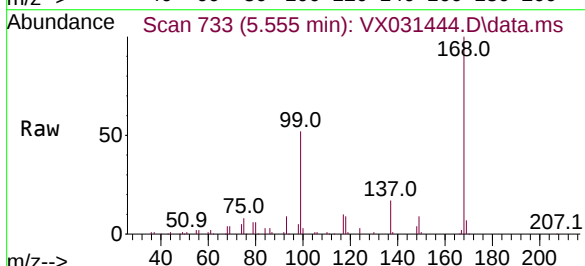
Tgt Ion: 117 Resp: 8303

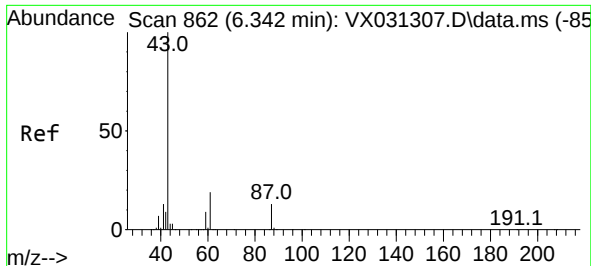
Ion Ratio Lower Upper

117 100

119 5.6 74.6 112.0#

121 0.0 25.3 37.9#

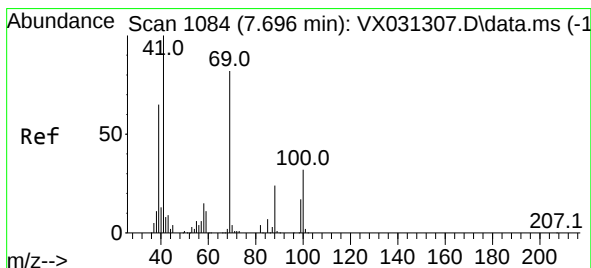
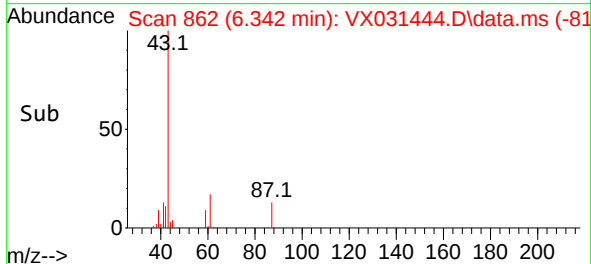
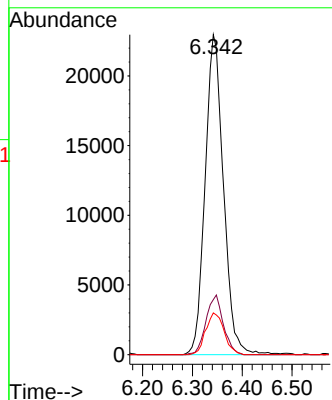
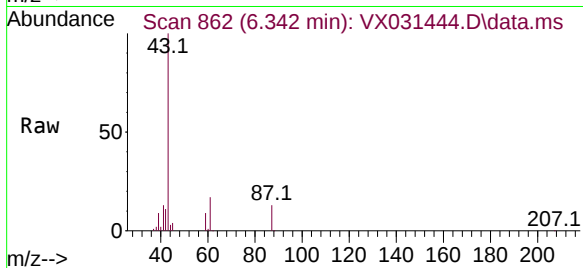




#43
Isopropyl Acetate
Concen: 13.062 ug/l
RT: 6.342 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX031444.D
Acq: 17 Sep 2022 04:52

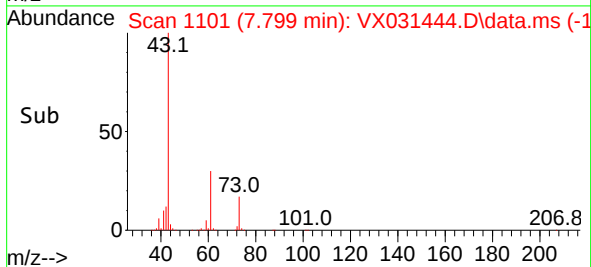
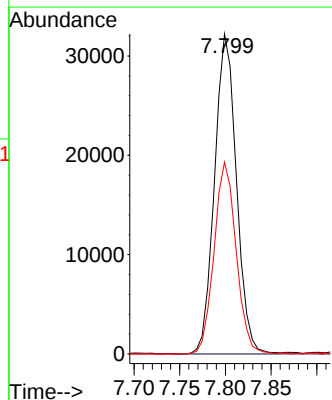
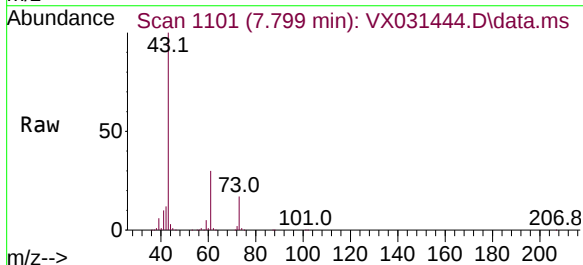
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#13

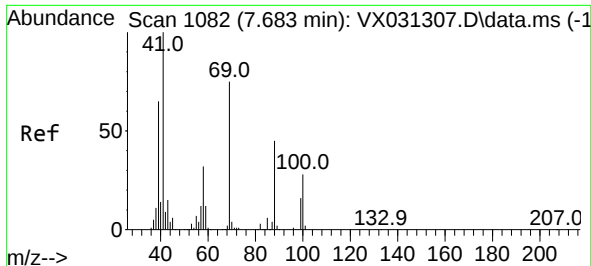
Tgt Ion:	43	Resp:	58690
Ion	Ratio	Lower	Upper
43	100		
61	17.6	15.3	22.9
87	13.1	10.6	15.8



#48
Methyl methacrylate
Concen: 26.272 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.103 min
Lab File: VX031444.D
Acq: 17 Sep 2022 04:52

Tgt Ion:	41	Resp:	53736
Ion	Ratio	Lower	Upper
41	100		
69	0.0	64.6	96.8#
39	60.4	51.4	77.0





#49

1,4-Dioxane

Concen: 1.780 ug/l

RT: 7.805 min Scan# 1102

Delta R.T. 0.122 min

Lab File: VX031444.D

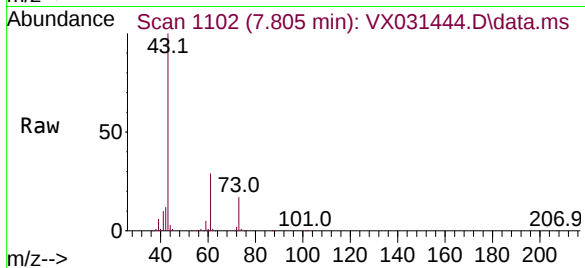
Acq: 17 Sep 2022 04:52

Instrument :

MSVOA_X

ClientSampleId :

PB147603ZHE#13



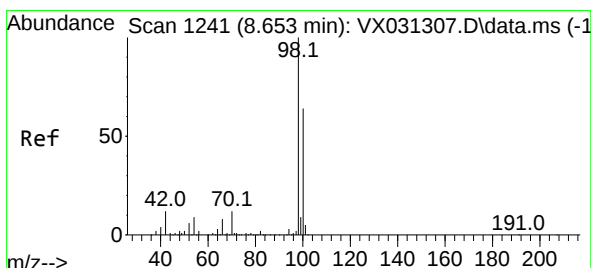
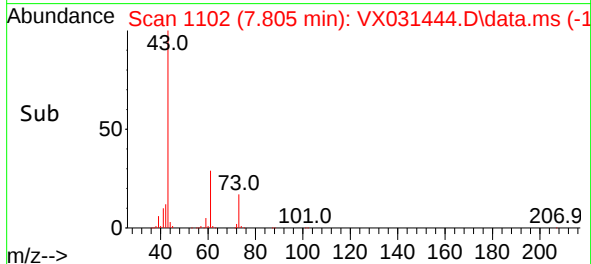
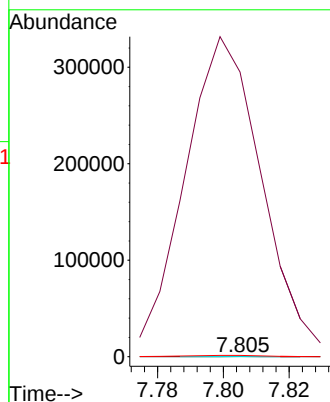
Tgt Ion: 88 Resp: 73

Ion Ratio Lower Upper

88 100

43 753221.9 27.1 40.7#

58 3308.2 53.9 80.9#



#50

Toluene-d8

Concen: 30.157 ug/l

RT: 8.652 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX031444.D

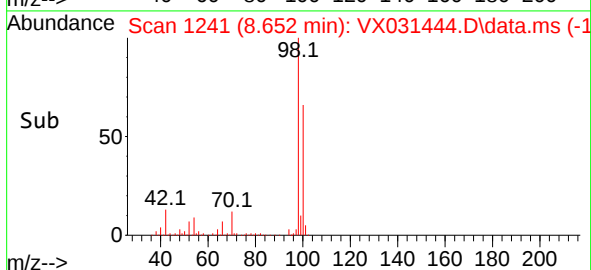
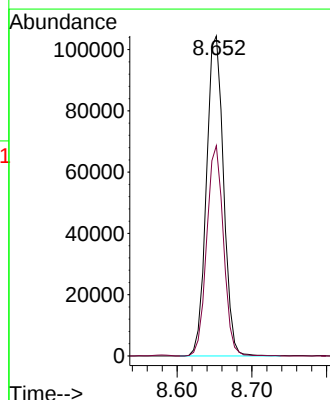
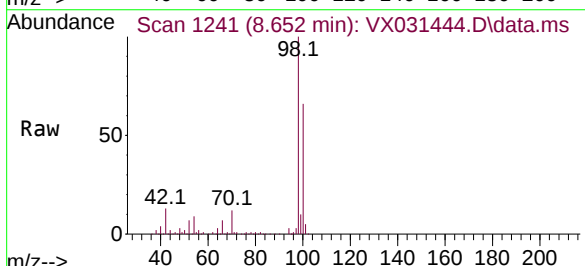
Acq: 17 Sep 2022 04:52

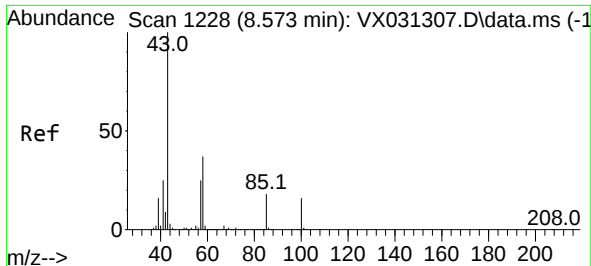
Tgt Ion: 98 Resp: 165550

Ion Ratio Lower Upper

98 100

100 64.4 52.5 78.7

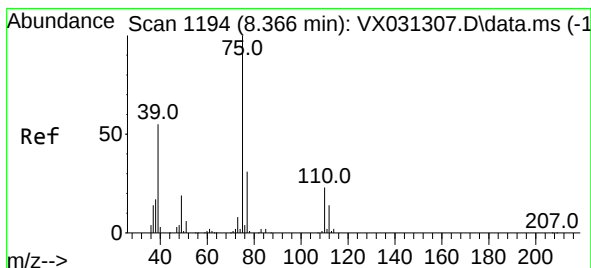
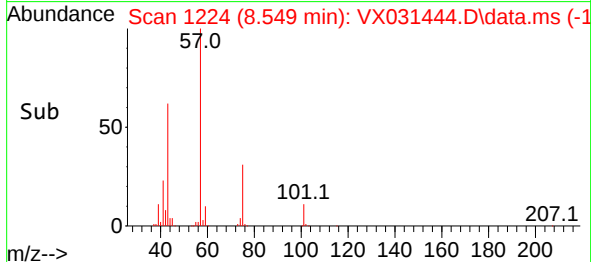
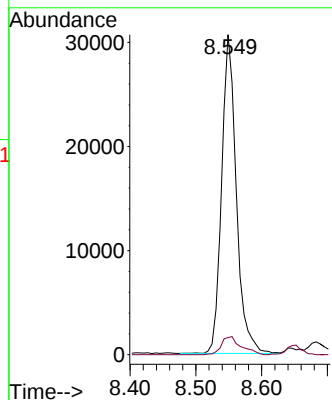
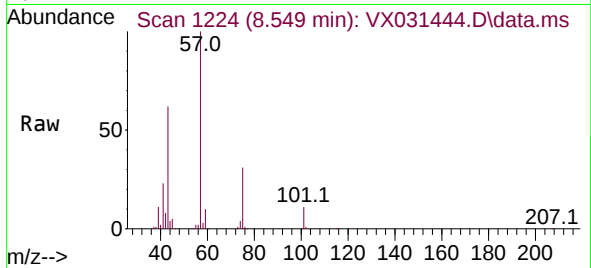




#51
4-Methyl-2-Pentanone
Concen: 17.459 ug/l
RT: 8.549 min Scan# 1194
Delta R.T. -0.025 min
Lab File: VX031444.D
Acq: 17 Sep 2022 04:52

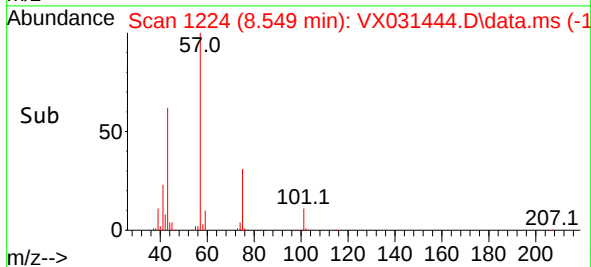
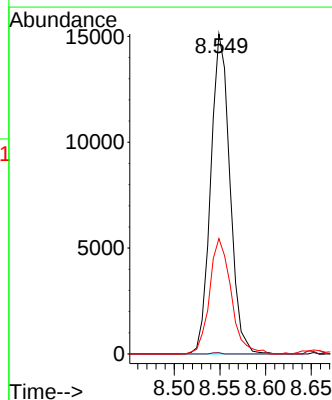
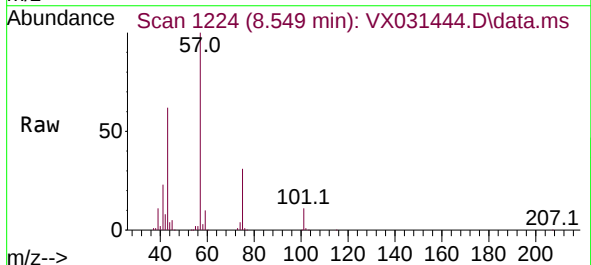
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#13

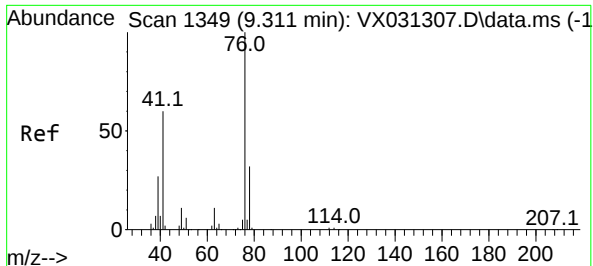
Tgt Ion: 43 Resp: 47682
Ion Ratio Lower Upper
43 100
58 7.6 30.6 46.0#



#54
cis-1,3-Dichloropropene
Concen: 8.199 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX031444.D
Acq: 17 Sep 2022 04:52

Tgt Ion: 75 Resp: 22025
Ion Ratio Lower Upper
75 100
77 0.4 24.4 36.6#
39 36.1 43.7 65.5#





#57

1,3-Dichloropropane

Concen: 1.008 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.170 min

Lab File: VX031444.D

Acq: 17 Sep 2022 04:52

Instrument :

MSVOA_X

ClientSampleId :

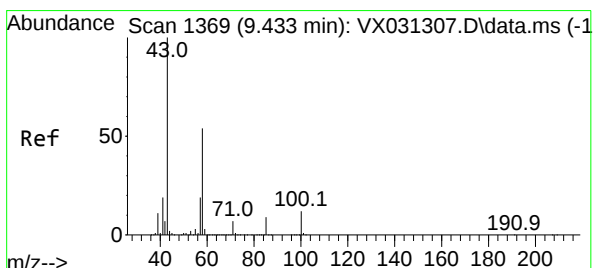
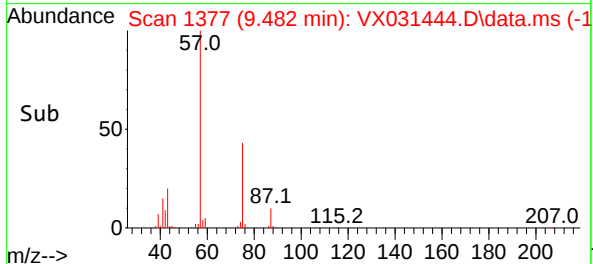
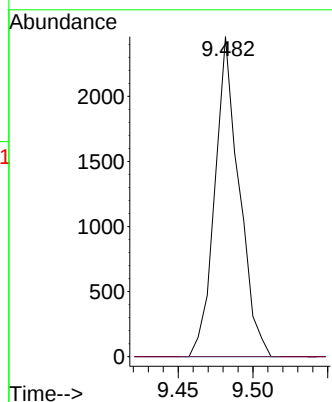
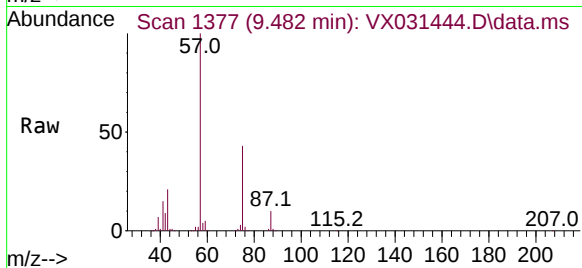
PB147603ZHE#13

Tgt Ion: 76 Resp: 2783

Ion Ratio Lower Upper

76 100

78 0.0 25.5 38.3#



#59

2-Hexanone

Concen: 17.813 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX031444.D

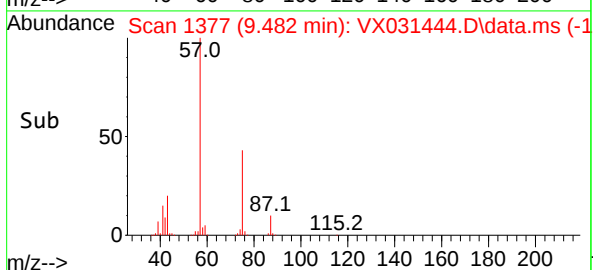
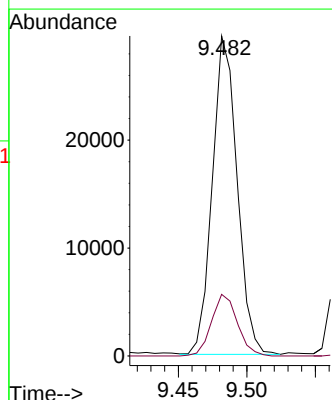
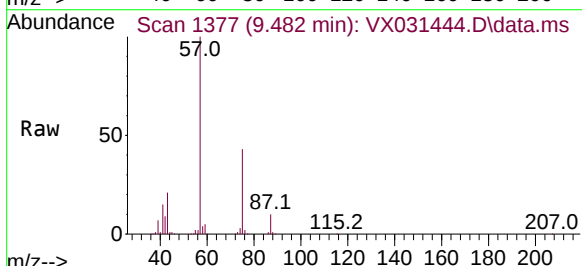
Acq: 17 Sep 2022 04:52

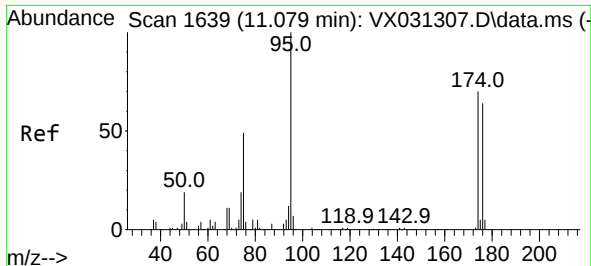
Tgt Ion: 43 Resp: 37130

Ion Ratio Lower Upper

43 100

58 20.2 26.7 80.0#

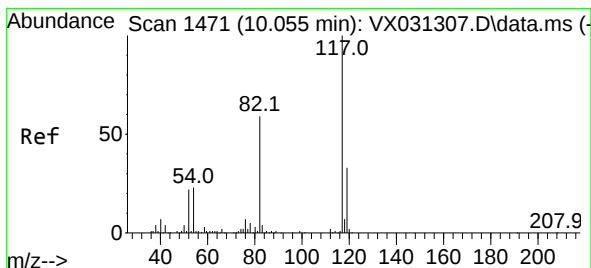
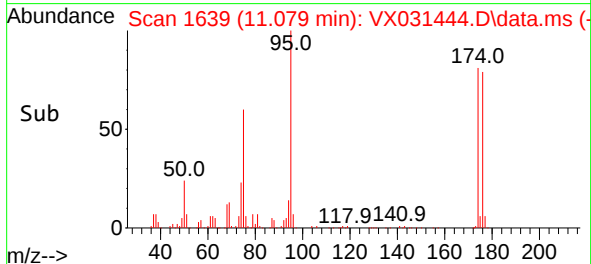
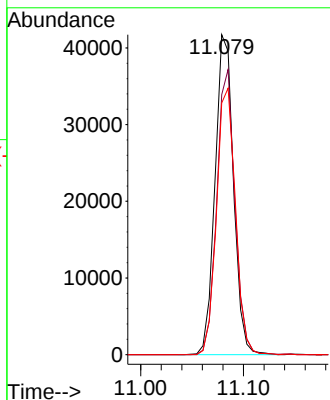
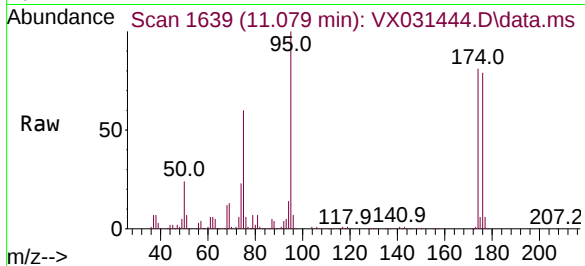




#62
4-Bromofluorobenzene
Concen: 25.803 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX031444.D
Acq: 17 Sep 2022 04:52

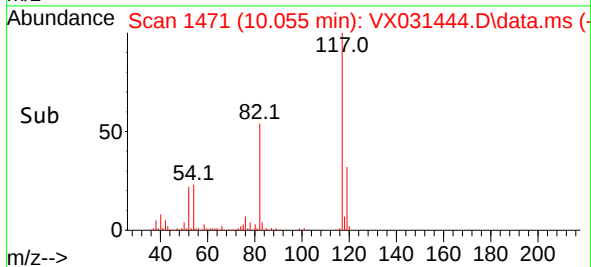
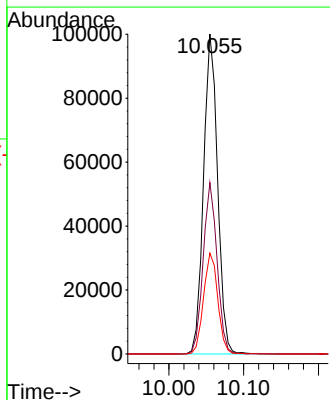
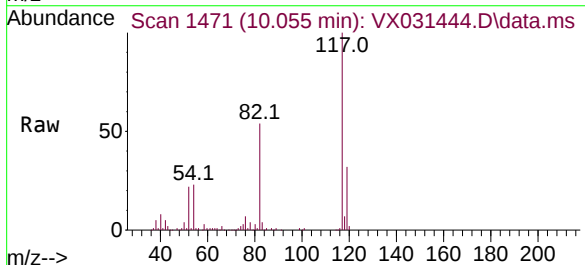
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#13

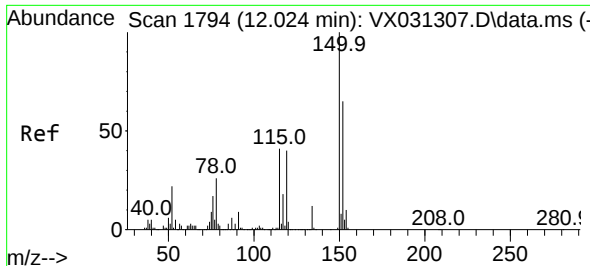
Tgt Ion: 95 Resp: 51870
Ion Ratio Lower Upper
95 100
174 87.8 0.0 153.2
176 85.3 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031444.D
Acq: 17 Sep 2022 04:52

Tgt Ion: 117 Resp: 130506
Ion Ratio Lower Upper
117 100
82 53.6 46.8 70.2
119 31.5 26.4 39.6

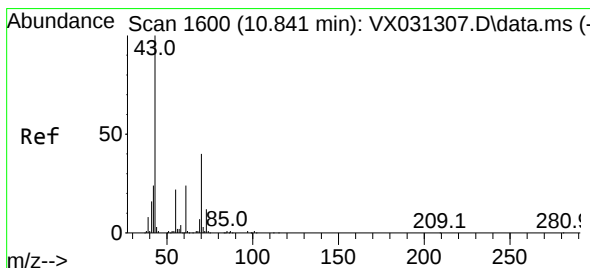
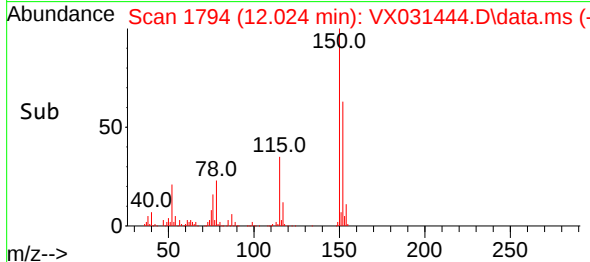
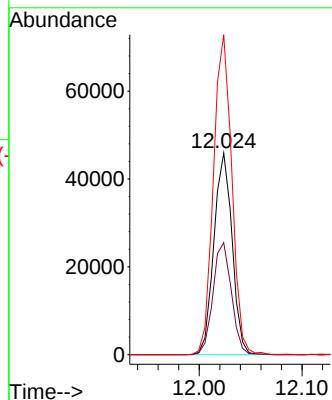
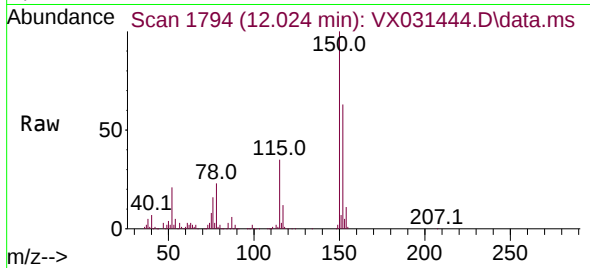




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031444.D
Acq: 17 Sep 2022 04:52

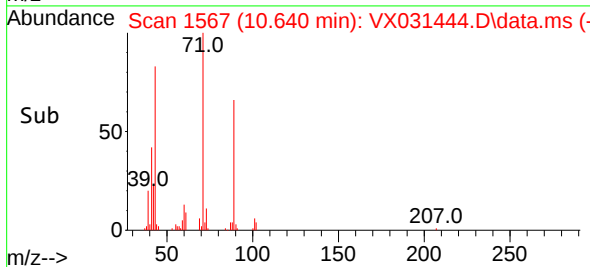
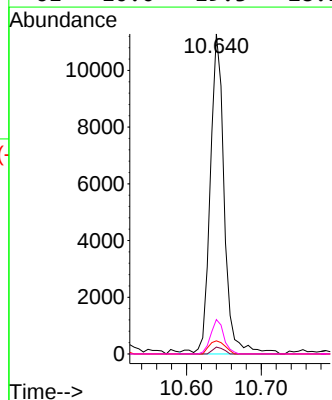
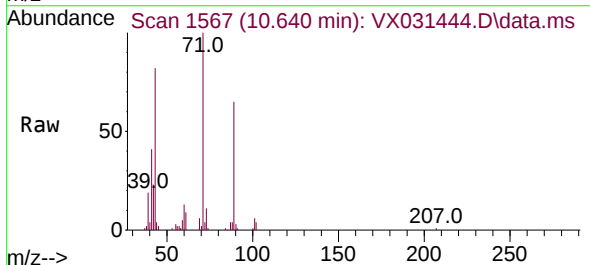
Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#13

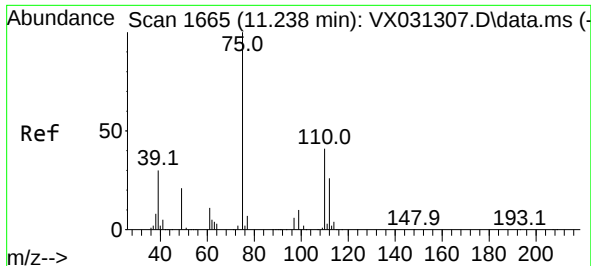
Tgt Ion:152 Resp: 56354
Ion Ratio Lower Upper
152 100
115 56.4 43.4 130.1
150 160.3 0.0 346.8



#74
N-ethyl acetate
Concen: 7.105 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.201 min
Lab File: VX031444.D
Acq: 17 Sep 2022 04:52

Tgt Ion: 43 Resp: 14703
Ion Ratio Lower Upper
43 100
70 1.7 33.4 50.2#
55 4.6 18.2 27.2#
61 10.0 19.3 28.9#

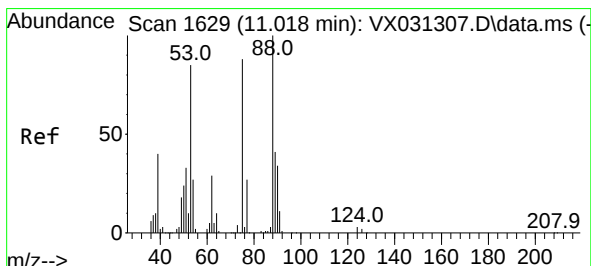
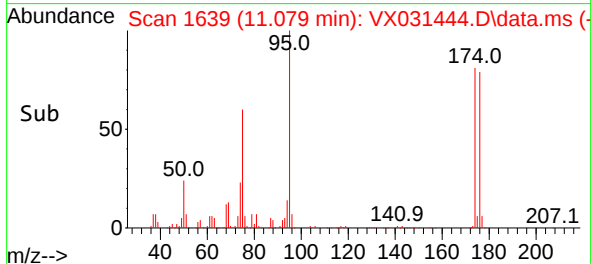
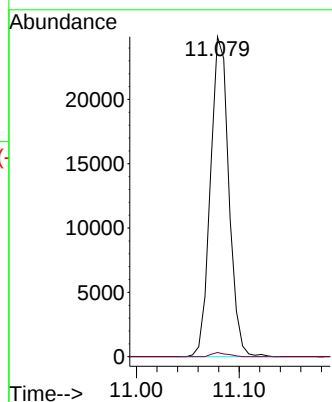
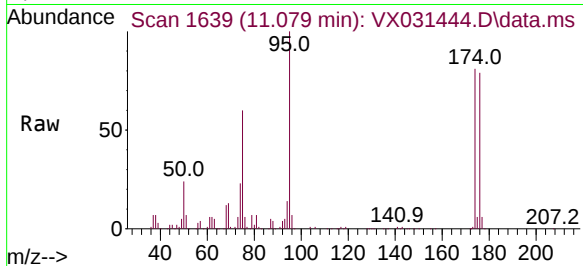




#76
1,2,3-Trichloropropane
Concen: 21.795 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031444.D
Acq: 17 Sep 2022 04:52

Instrument :
MSVOA_X
ClientSampleId :
PB147603ZHE#13

Tgt Ion: 75 Resp: 30952
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.308 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031444.D
Acq: 17 Sep 2022 04:52

Tgt Ion: 75 Resp: 30952
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.4 37.4 56.0#

