

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120222\
 Data File : VX033209.D
 Acq On : 03 Dec 2022 00:15
 Operator : JC/MD
 Sample : PB149377ZHE#03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB149377ZHE#03

Quant Time: Dec 05 01:11:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

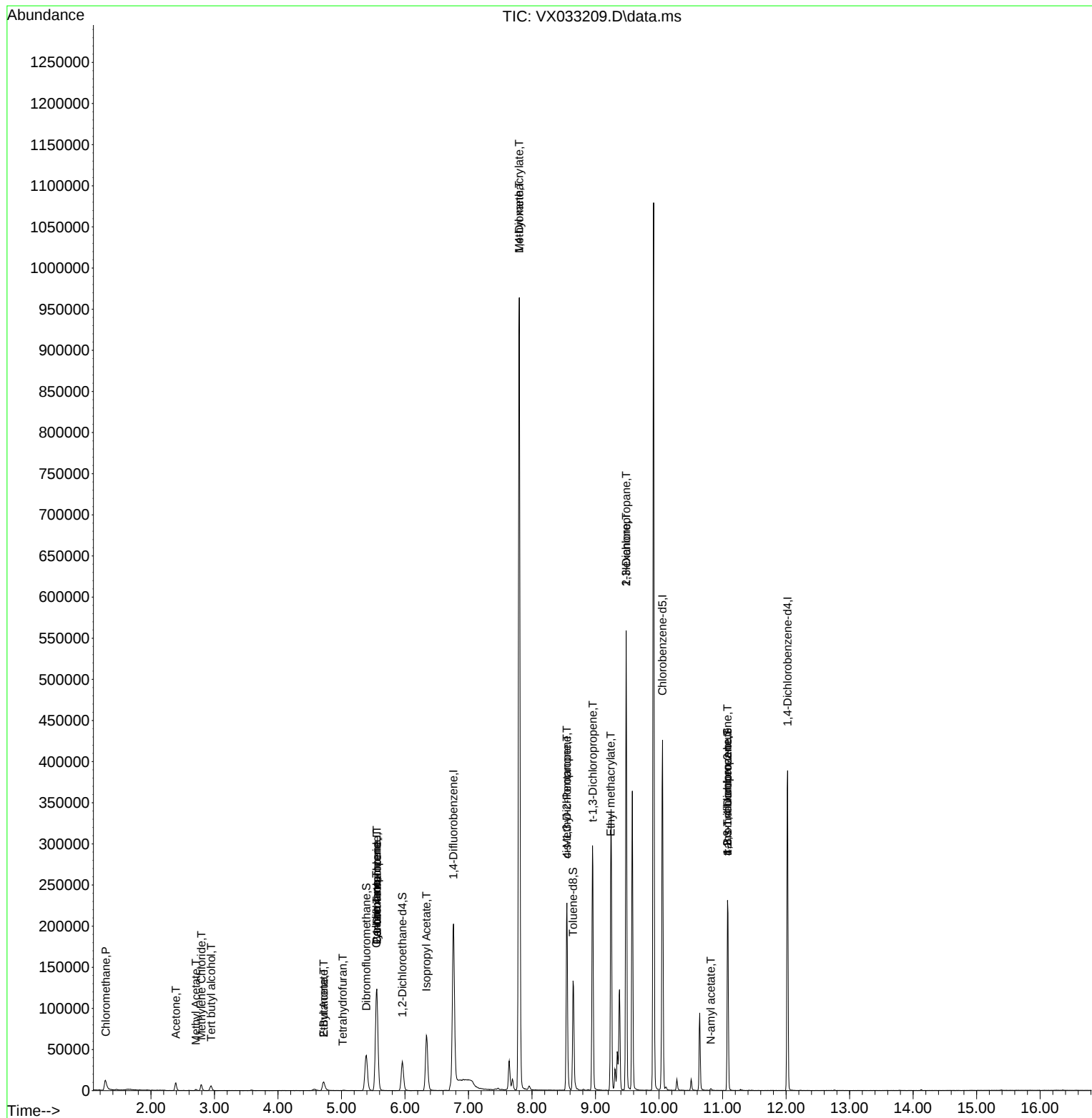
Internal Standards						
1) Pentafluorobenzene	5.556	168	115849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	195351	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79415	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	35493	30.107	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	60.220%#		
35) Dibromofluoromethane	5.391	113	37518	34.066	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	68.140%#		
50) Toluene-d8	8.646	98	80158	23.026	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	46.060%#		
62) 4-Bromofluorobenzene	11.079	95	61997	42.854	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	85.700%		
Target Compounds						Qvalue
3) Chloromethane	1.288	50	593	0.621	ug/l #	43
11) Tert butyl alcohol	2.946	59	3429	19.173	ug/l #	72
16) Acetone	2.391	43	11765	22.329	ug/l	96
18) Methyl Acetate	2.708	43	1688	1.157	ug/l	95
20) Methylene Chloride	2.794	84	3545	1.988	ug/l	90
25) 2-Butanone	4.720	43	19320	26.592	ug/l #	47
29) Tetrahydrofuran	5.019	42	306	0.664	ug/l #	66
31) Cyclohexane	5.549	56	2465	1.348	ug/l #	8
36) 1,1-Dichloropropene	5.556	75	9147	5.194	ug/l #	50
37) Ethyl Acetate	4.720	43	19320	12.575	ug/l	99
38) Carbon Tetrachloride	5.556	117	11909	6.096	ug/l #	14
43) Isopropyl Acetate	6.336	43	91195	35.892	ug/l	99
48) Methyl methacrylate	7.799	41	85577	65.433	ug/l #	43
49) 1,4-Dioxane	7.799	88	124	5.151	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	77031	49.132	ug/l #	49
53) t-1,3-Dichloropropene	8.957	75	662	1.842	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	34278	17.284	ug/l #	61
56) Ethyl methacrylate	9.238	69	677	0.372	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	4589	2.149	ug/l #	42
59) 2-Hexanone	9.482	43	63089	54.472	ug/l #	52
74) N-amyl acetate	10.817	43	800	0.414	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	33030	21.962	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	33030	71.385	ug/l #	6

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120222\
Data File : VX033209.D
Acq On : 03 Dec 2022 00:15
Operator : JC/MD
Sample : PB149377ZHE#03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB149377ZHE#03

Quant Time: Dec 05 01:11:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 22 13:58:46 2022
Response via : Initial Calibration

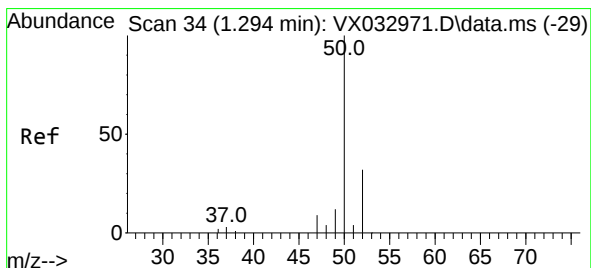
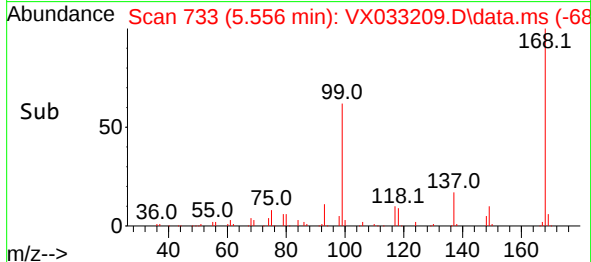
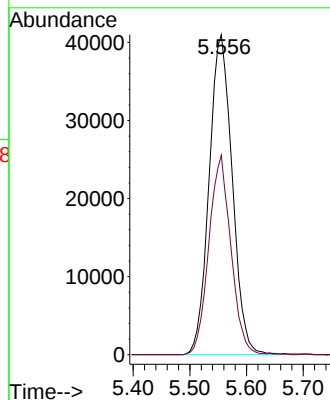
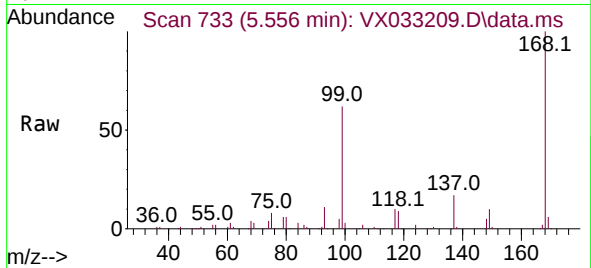




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033209.D
Acq: 03 Dec 2022 00:15

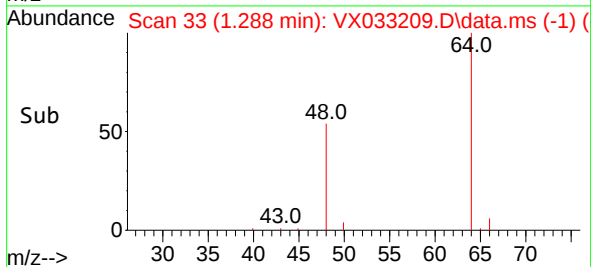
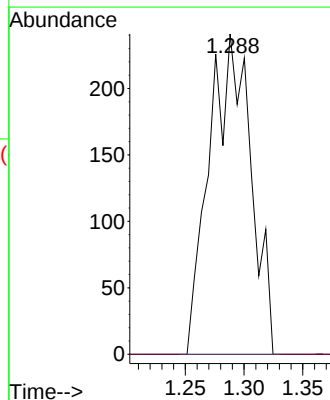
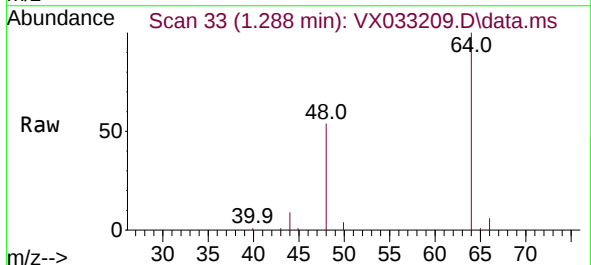
Instrument :
MSVOA_X
ClientSampleId :
PB149377ZHE#03

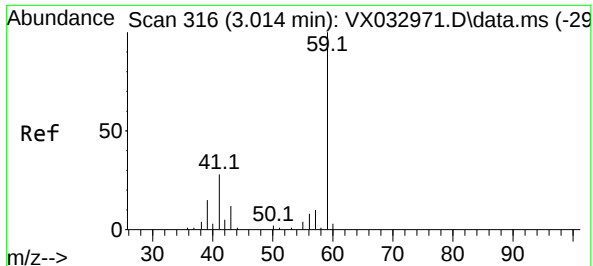
Tgt Ion:168 Resp: 115849
Ion Ratio Lower Upper
168 100
99 62.3 46.1 69.1



#3
Chloromethane
Concen: 0.621 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX033209.D
Acq: 03 Dec 2022 00:15

Tgt Ion: 50 Resp: 593
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#





#11

Tert butyl alcohol

Concen: 19.173 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.019 min

Lab File: VX033209.D

Acq: 03 Dec 2022 00:15

Instrument :

MSVOA_X

ClientSampleId :

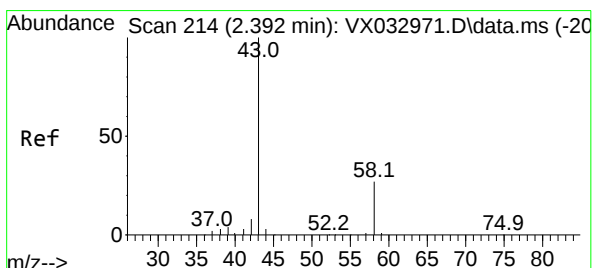
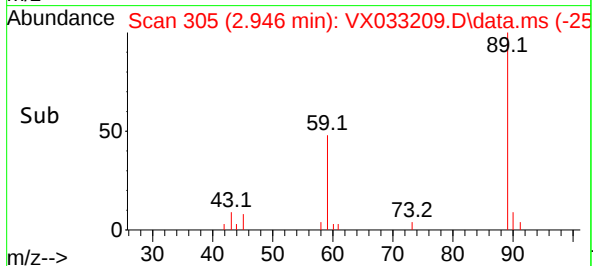
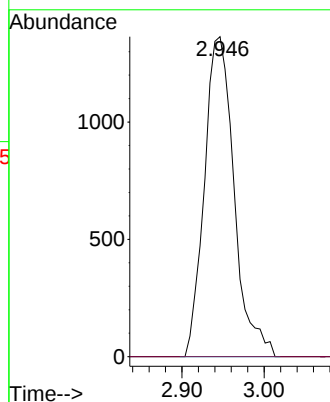
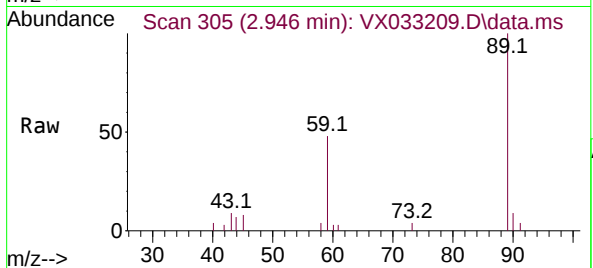
PB149377ZHE#03

Tgt Ion: 59 Resp: 3429

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 22.329 ug/l

RT: 2.391 min Scan# 214

Delta R.T. 0.011 min

Lab File: VX033209.D

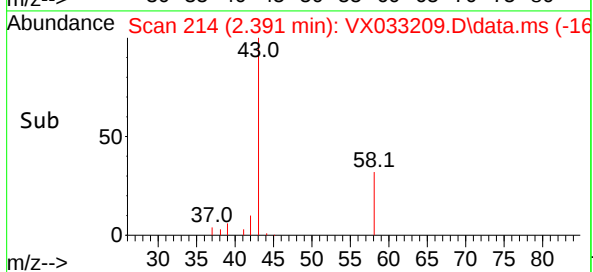
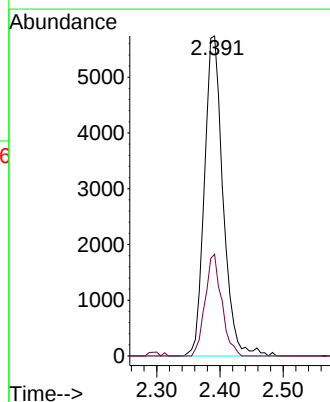
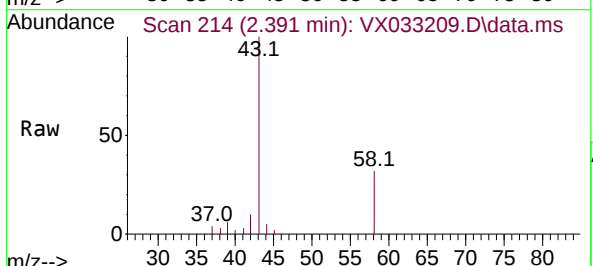
Acq: 03 Dec 2022 00:15

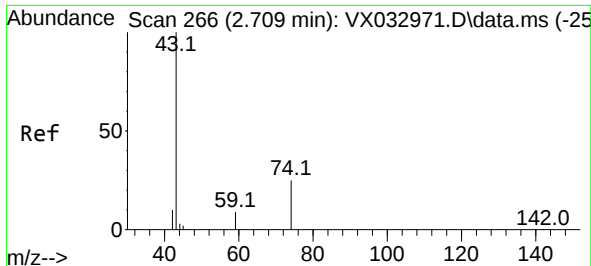
Tgt Ion: 43 Resp: 11765

Ion Ratio Lower Upper

43 100

58 31.8 23.8 35.8

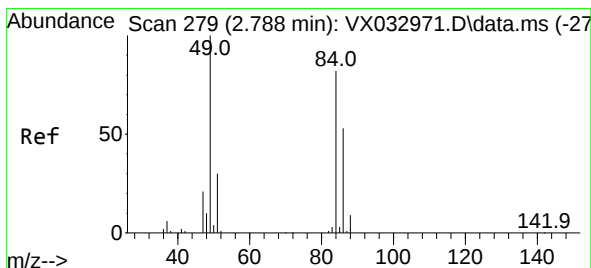
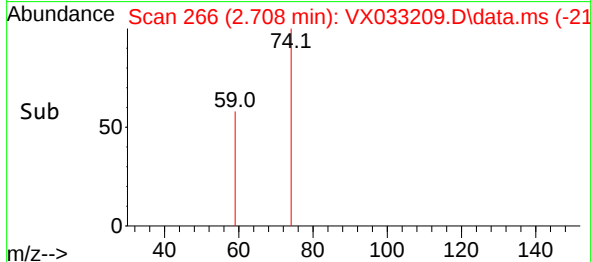
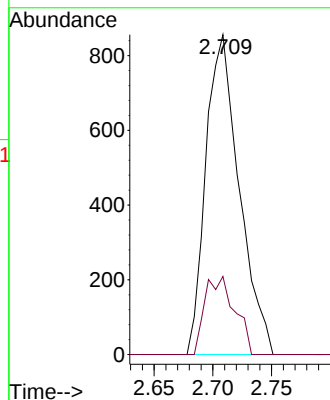
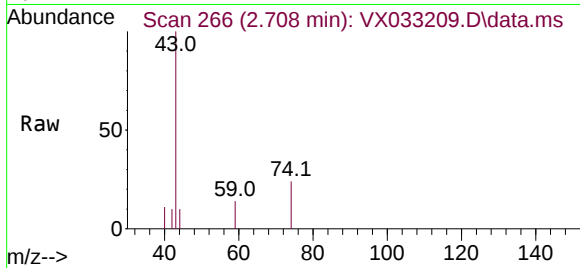




#18
Methyl Acetate
Concen: 1.157 ug/l
RT: 2.708 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX033209.D
Acq: 03 Dec 2022 00:15

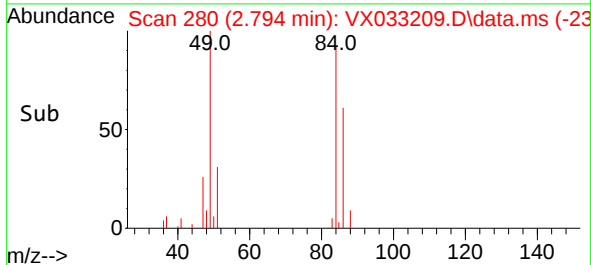
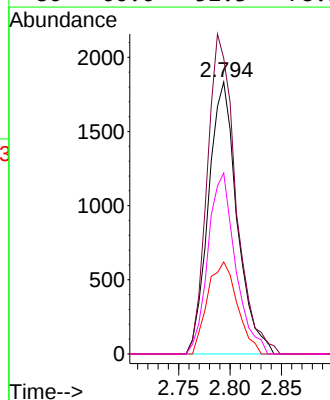
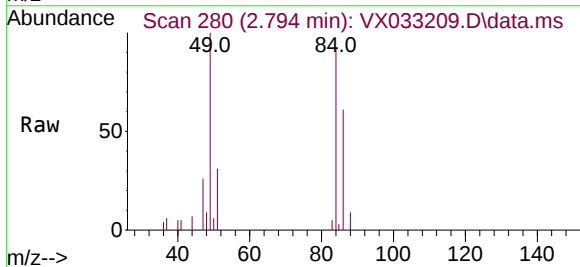
Instrument :
MSVOA_X
ClientSampleId :
PB149377ZHE#03

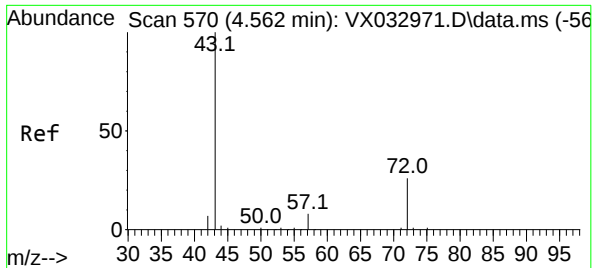
Tgt Ion: 43 Resp: 1688
Ion Ratio Lower Upper
43 100
74 21.9 19.4 29.0



#20
Methylene Chloride
Concen: 1.988 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX033209.D
Acq: 03 Dec 2022 00:15

Tgt Ion: 84 Resp: 3545
Ion Ratio Lower Upper
84 100
49 108.8 101.0 151.6
51 33.8 31.1 46.7
86 66.6 52.3 78.5





#25

2-Butanone

Concen: 26.592 ug/l

RT: 4.720 min Scan# 596

Delta R.T. 0.164 min

Lab File: VX033209.D

Acq: 03 Dec 2022 00:15

Instrument :

MSVOA_X

ClientSampleId :

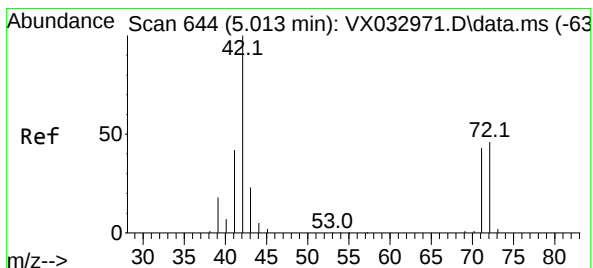
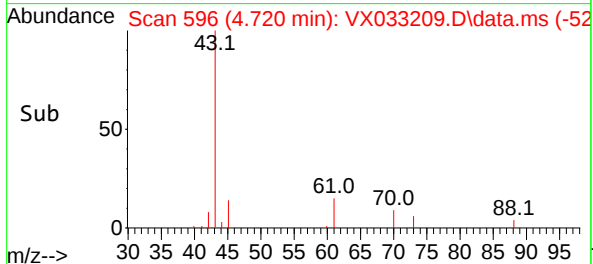
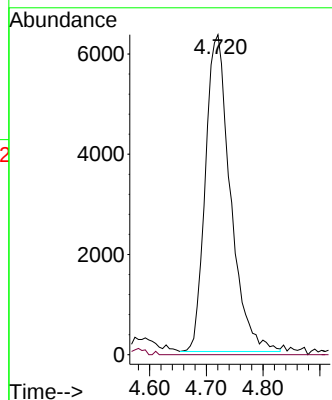
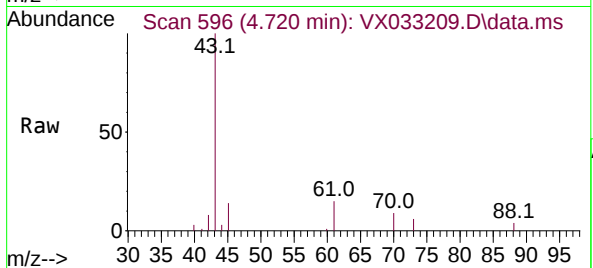
PB149377ZHE#03

Tgt Ion: 43 Resp: 19320

Ion Ratio Lower Upper

43 100

72 0.0 22.2 33.2#



#29

Tetrahydrofuran

Concen: 0.664 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.018 min

Lab File: VX033209.D

Acq: 03 Dec 2022 00:15

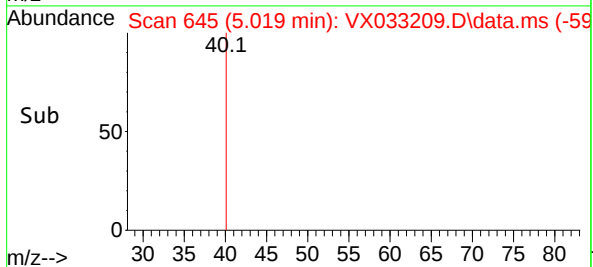
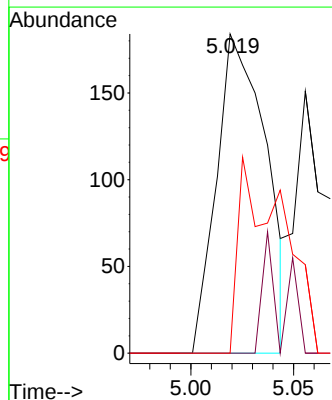
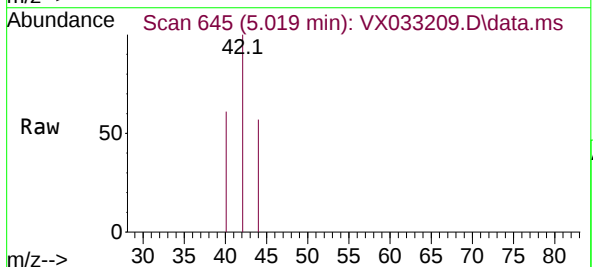
Tgt Ion: 42 Resp: 306

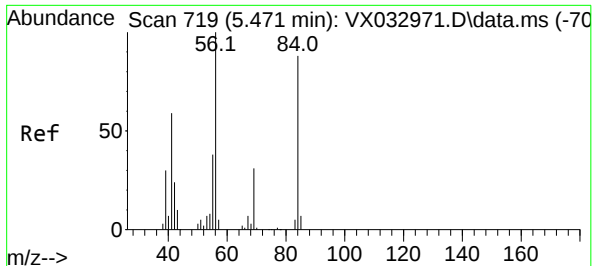
Ion Ratio Lower Upper

42 100

72 15.0 37.6 56.4#

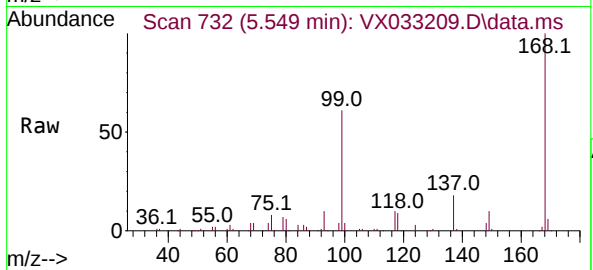
71 55.2 34.7 52.1#





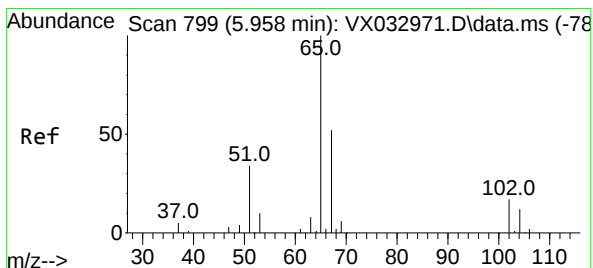
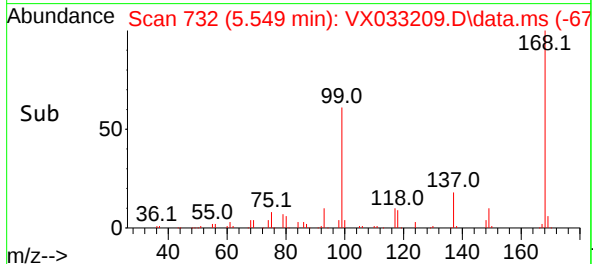
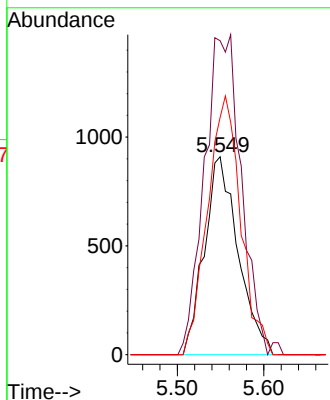
#31
Cyclohexane
Concen: 1.348 ug/l
RT: 5.549 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX033209.D
Acq: 03 Dec 2022 00:15

Instrument :
MSVOA_X
ClientSampleId :
PB149377ZHE#03



Tgt Ion: 56 Resp: 2465

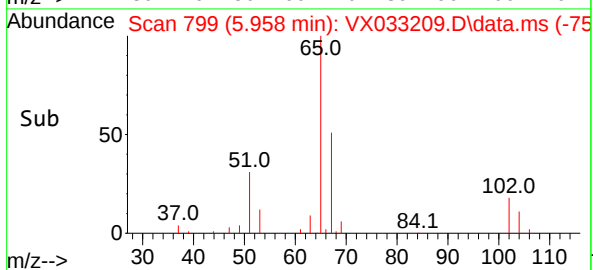
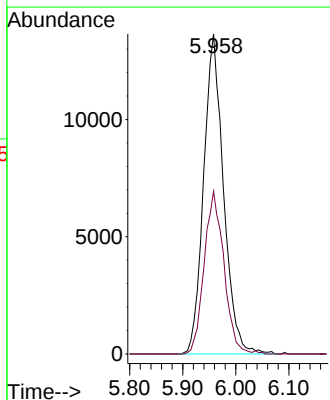
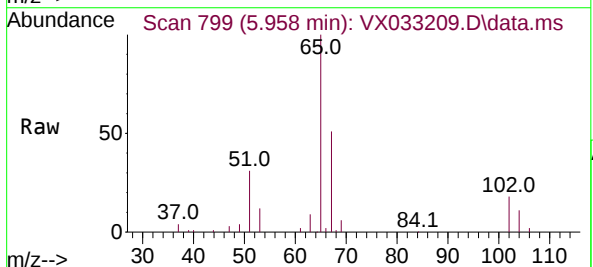
Ion	Ratio	Lower	Upper
56	100		
69	158.6	24.1	36.1#
84	119.9	66.9	100.3#

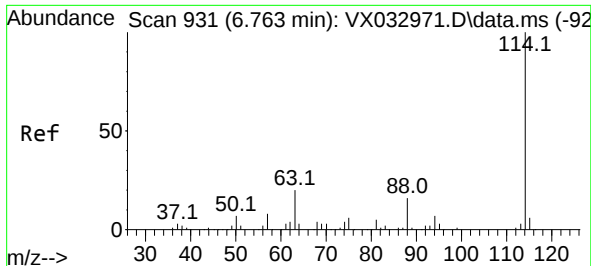


#33
1,2-Dichloroethane-d4
Concen: 30.107 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX033209.D
Acq: 03 Dec 2022 00:15

Tgt Ion: 65 Resp: 35493

Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	101.8

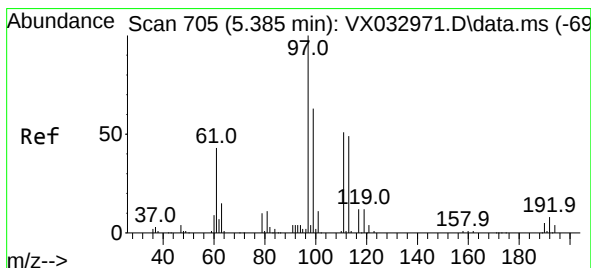
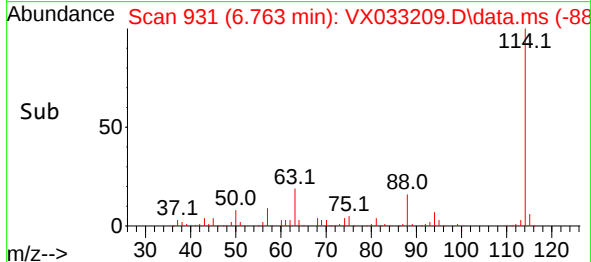
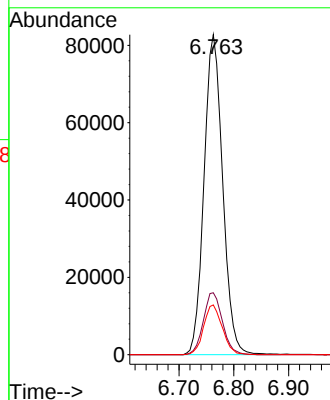
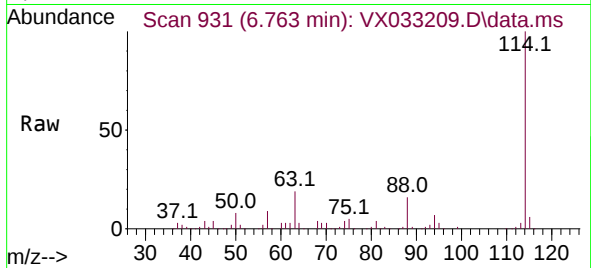




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033209.D
Acq: 03 Dec 2022 00:15

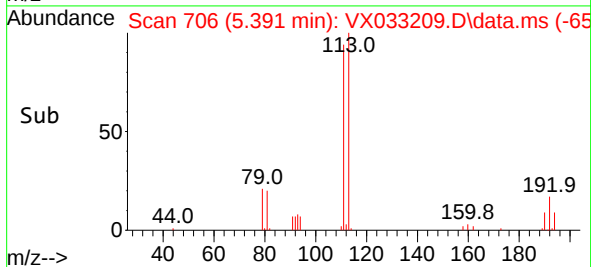
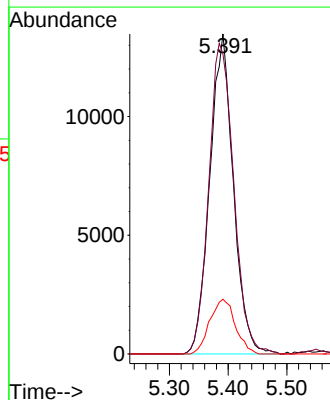
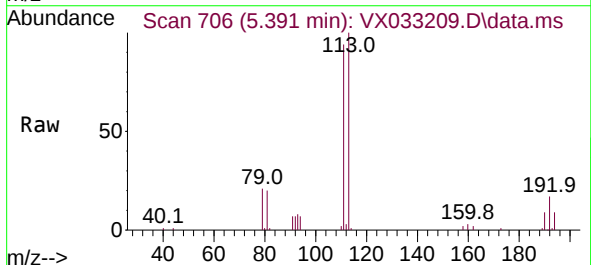
Instrument :
MSVOA_X
ClientSampleId :
PB149377ZHE#03

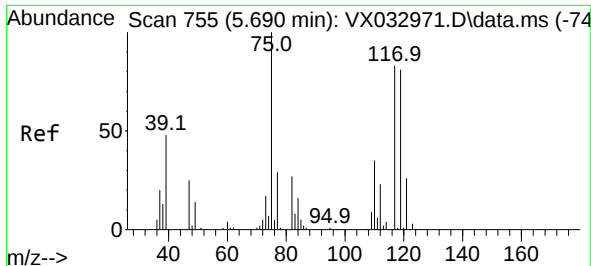
Tgt Ion:114 Resp: 195351
Ion Ratio Lower Upper
114 100
63 19.4 0.0 41.6
88 15.6 0.0 33.4



#35
Dibromofluoromethane
Concen: 34.066 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX033209.D
Acq: 03 Dec 2022 00:15

Tgt Ion:113 Resp: 37518
Ion Ratio Lower Upper
113 100
111 102.8 82.4 123.6
192 18.5 15.4 23.2





#36

1,1-Dichloropropene

Concen: 5.194 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX033209.D

Acq: 03 Dec 2022 00:15

Instrument :

MSVOA_X

ClientSampleId :

PB149377ZHE#03

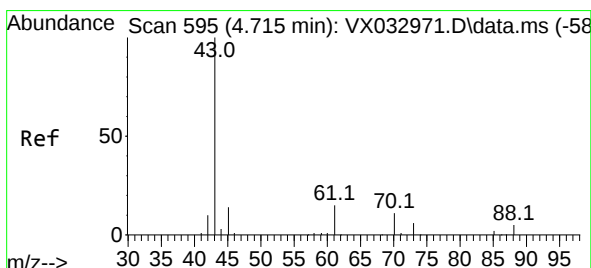
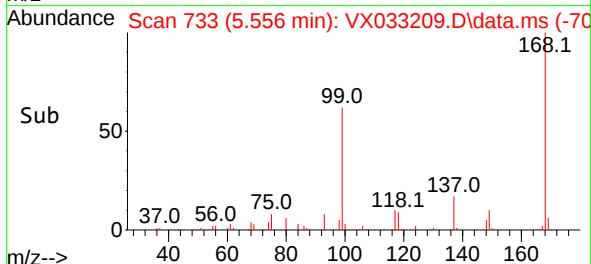
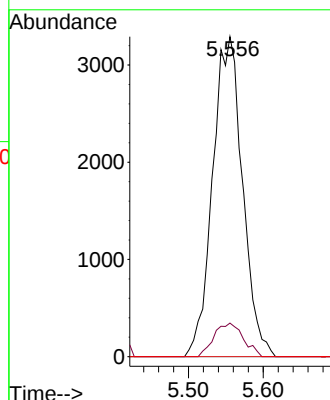
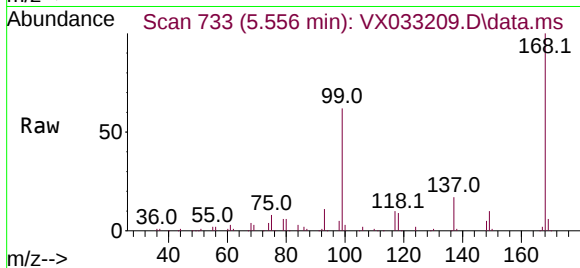
Tgt Ion: 75 Resp: 9147

Ion Ratio Lower Upper

75 100

110 10.3 18.4 55.2#

77 0.0 24.5 36.7#



#37

Ethyl Acetate

Concen: 12.575 ug/l

RT: 4.720 min Scan# 596

Delta R.T. 0.005 min

Lab File: VX033209.D

Acq: 03 Dec 2022 00:15

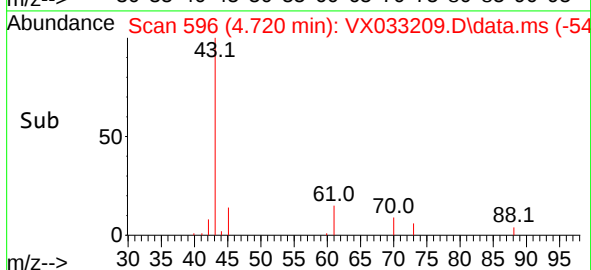
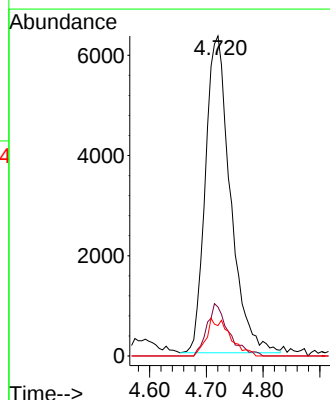
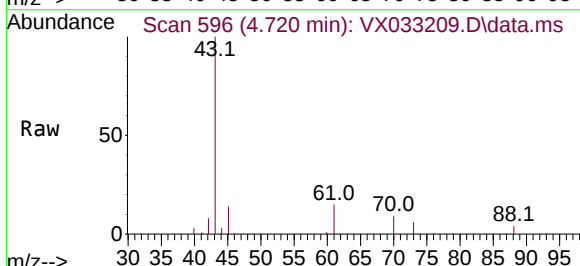
Tgt Ion: 43 Resp: 19320

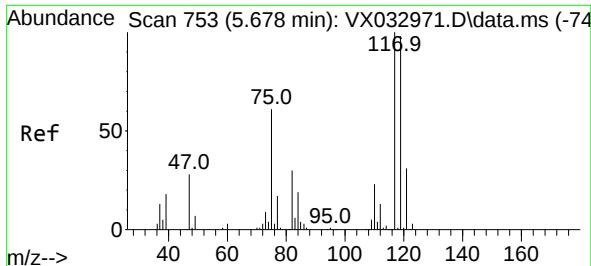
Ion Ratio Lower Upper

43 100

61 14.3 11.5 17.3

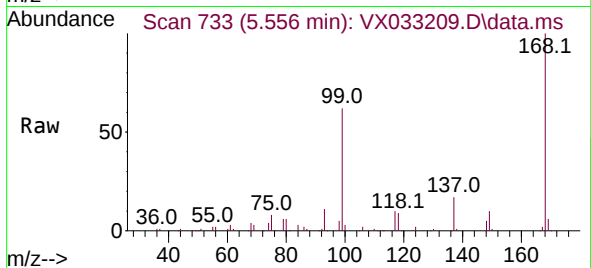
70 11.1 9.1 13.7



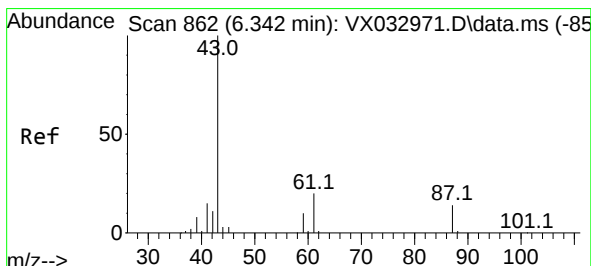
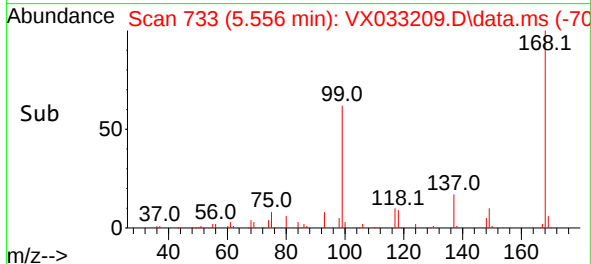
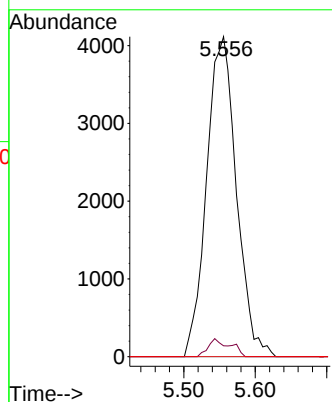


#38
Carbon Tetrachloride
Concen: 6.096 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033209.D
Acq: 03 Dec 2022 00:15

Instrument :
MSVOA_X
ClientSampleId :
PB149377ZHE#03

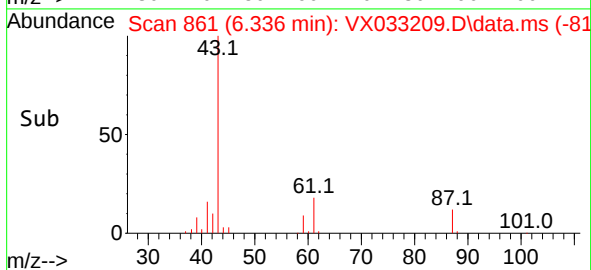
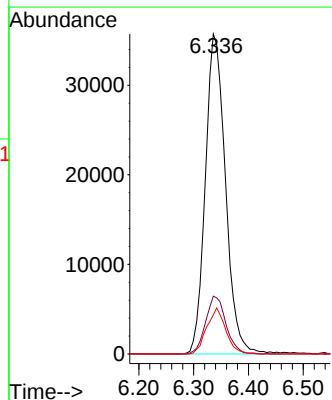
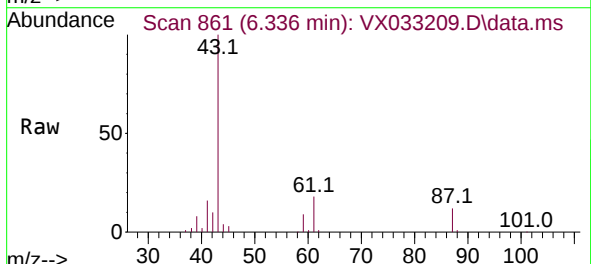


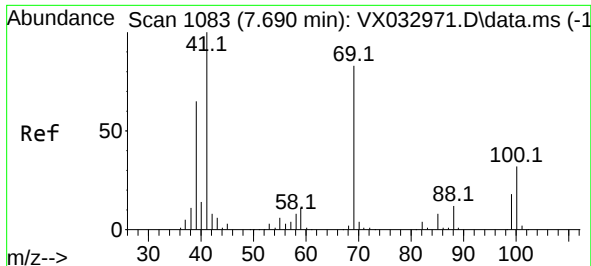
Tgt Ion:117 Resp: 11909
Ion Ratio Lower Upper
117 100
119 3.4 77.2 115.8#
121 0.0 25.8 38.6#



#43
Isopropyl Acetate
Concen: 35.892 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX033209.D
Acq: 03 Dec 2022 00:15

Tgt Ion: 43 Resp: 91195
Ion Ratio Lower Upper
43 100
61 18.2 15.4 23.0
87 13.6 10.8 16.2





#48

Methyl methacrylate

Concen: 65.433 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.103 min

Lab File: VX033209.D

Acq: 03 Dec 2022 00:15

Instrument :

MSVOA_X

ClientSampleId :

PB149377ZHE#03

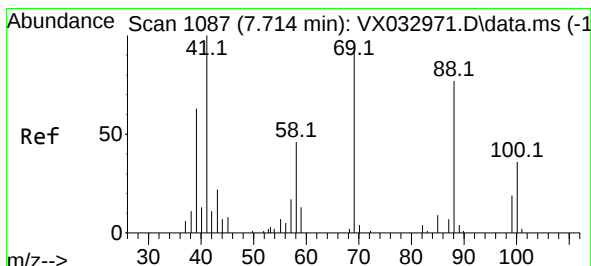
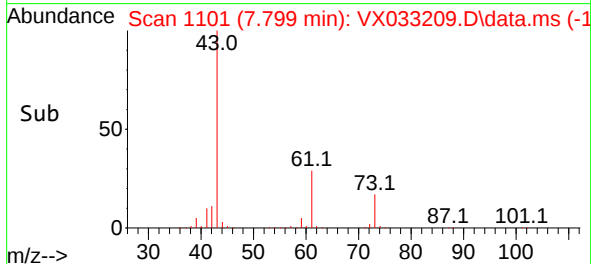
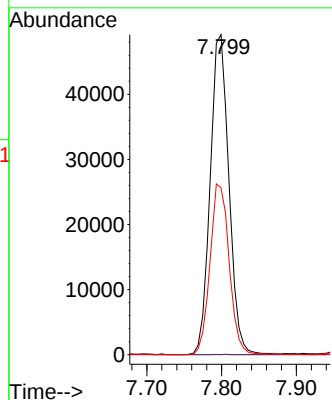
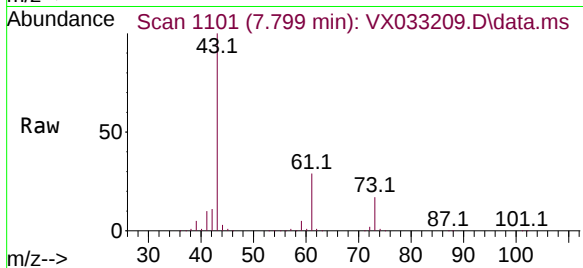
Tgt Ion: 41 Resp: 85577

Ion Ratio Lower Upper

41 100

69 0.0 65.1 97.7#

39 54.6 51.9 77.9



#49

1,4-Dioxane

Concen: 5.151 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.128 min

Lab File: VX033209.D

Acq: 03 Dec 2022 00:15

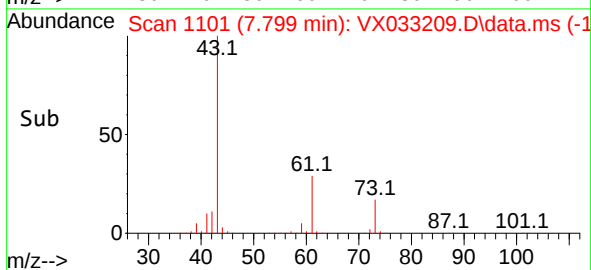
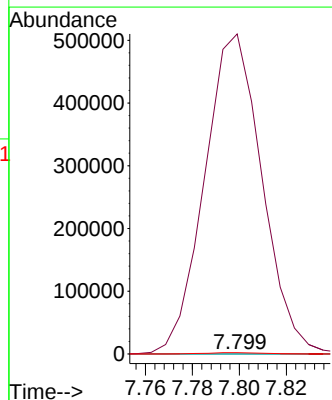
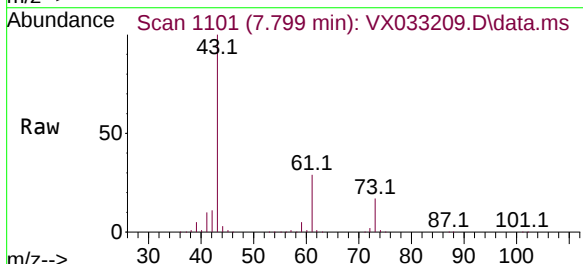
Tgt Ion: 88 Resp: 124

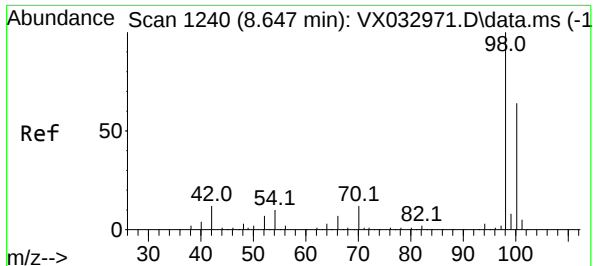
Ion Ratio Lower Upper

88 100

43 704956.5 26.6 39.8#

58 2850.8 51.7 77.5#

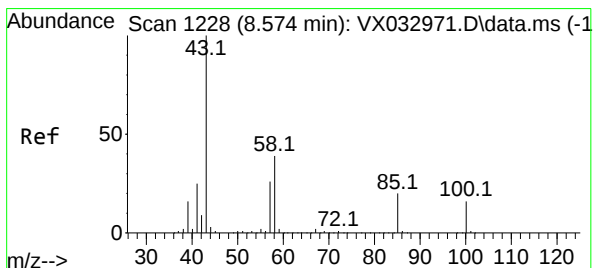
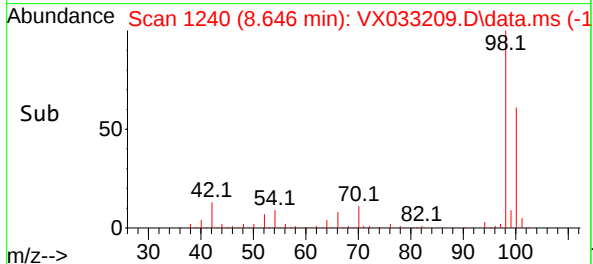
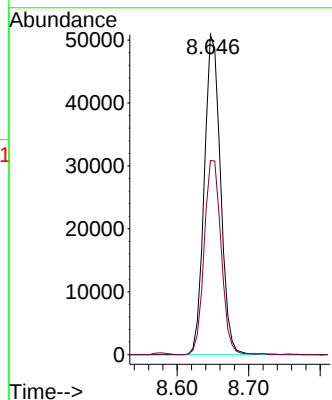
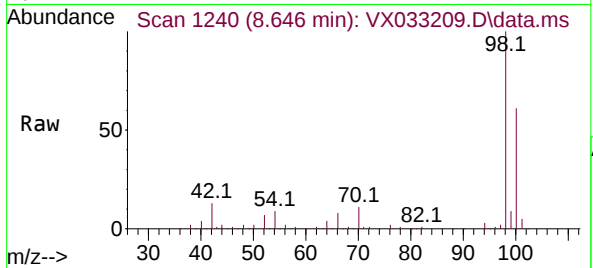




#50
Toluene-d8
Concen: 23.026 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.007 min
Lab File: VX033209.D
Acq: 03 Dec 2022 00:15

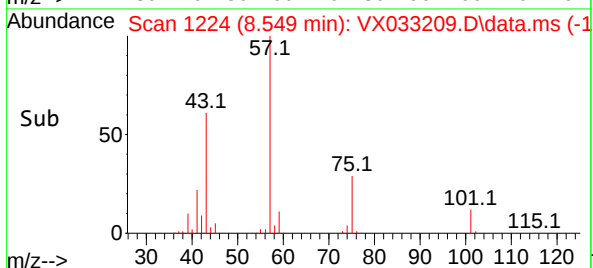
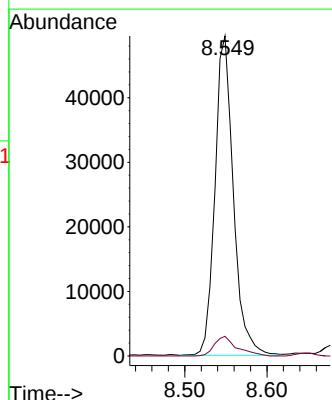
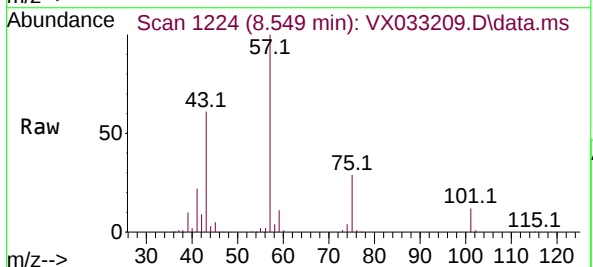
Instrument :
MSVOA_X
ClientSampleId :
PB149377ZHE#03

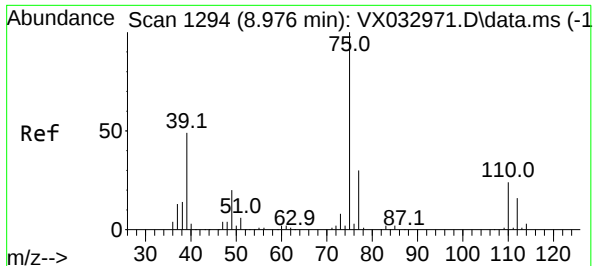
Tgt Ion: 98 Resp: 80158
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 49.132 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.025 min
Lab File: VX033209.D
Acq: 03 Dec 2022 00:15

Tgt Ion: 43 Resp: 77031
Ion Ratio Lower Upper
43 100
58 7.5 30.9 46.3#





#53

t-1,3-Dichloropropene

Concen: 1.842 ug/l

RT: 8.957 min Scan# 11

Delta R.T. -0.025 min

Lab File: VX033209.D

Acq: 03 Dec 2022 00:15

Instrument :

MSVOA_X

ClientSampleId :

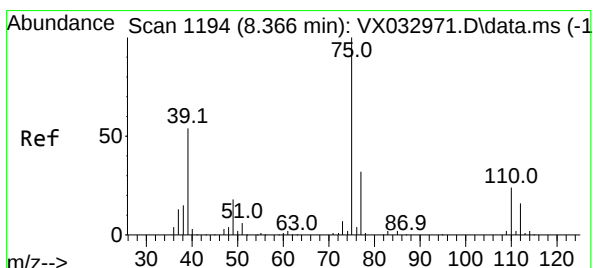
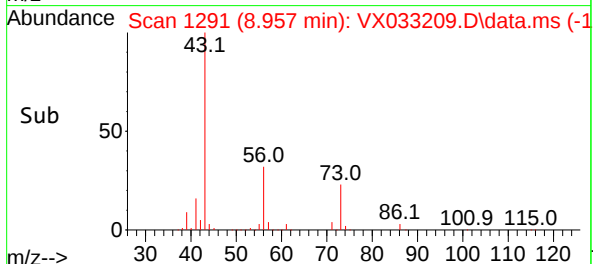
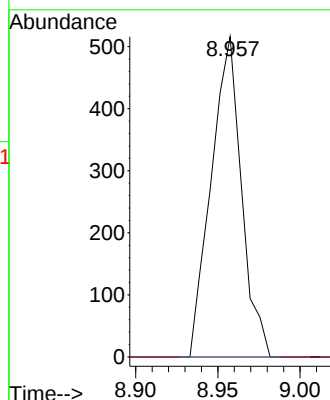
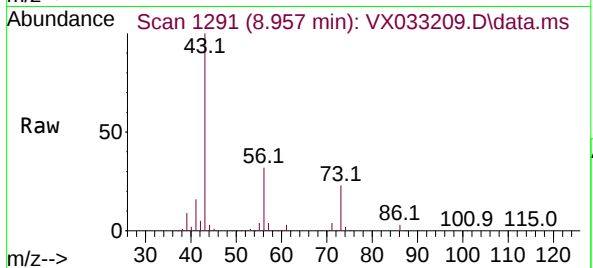
PB149377ZHE#03

Tgt Ion: 75 Resp: 662

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#



#54

cis-1,3-Dichloropropene

Concen: 17.284 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.183 min

Lab File: VX033209.D

Acq: 03 Dec 2022 00:15

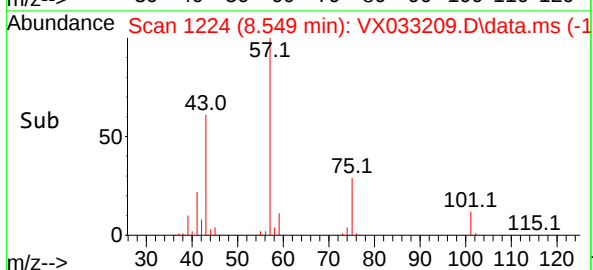
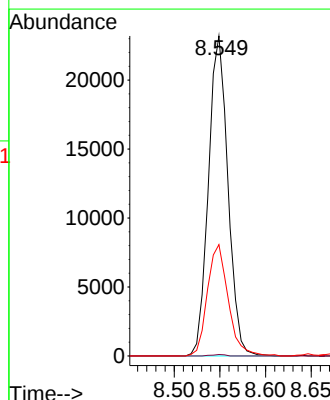
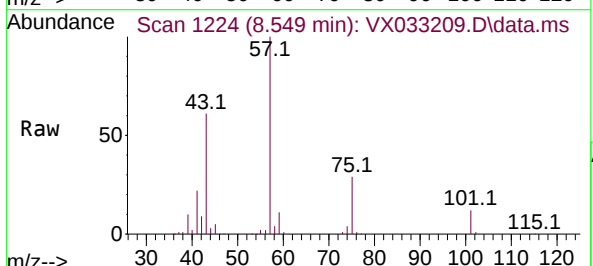
Tgt Ion: 75 Resp: 34278

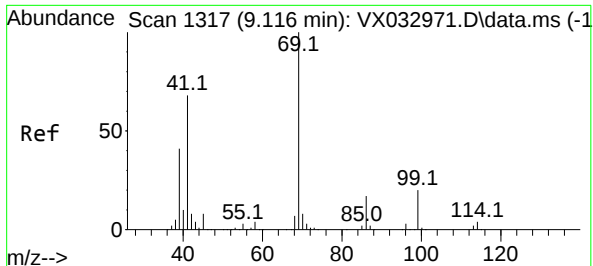
Ion Ratio Lower Upper

75 100

77 0.5 25.1 37.7#

39 34.8 45.5 68.3#

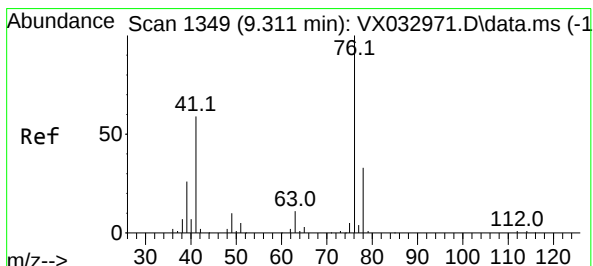
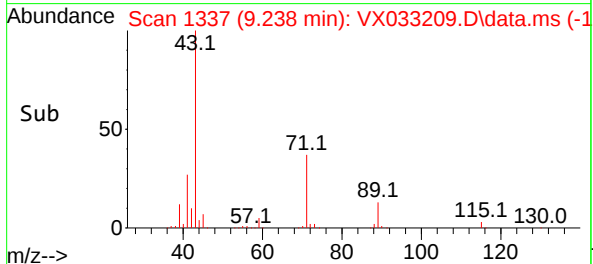
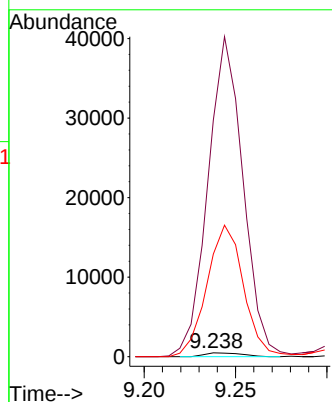
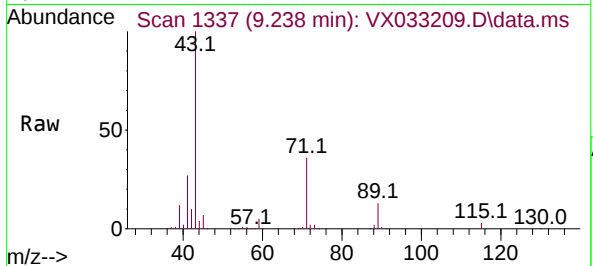




#56
Ethyl methacrylate
Concen: 0.372 ug/l
RT: 9.238 min Scan# 1337
Delta R.T. 0.122 min
Lab File: VX033209.D
Acq: 03 Dec 2022 00:15

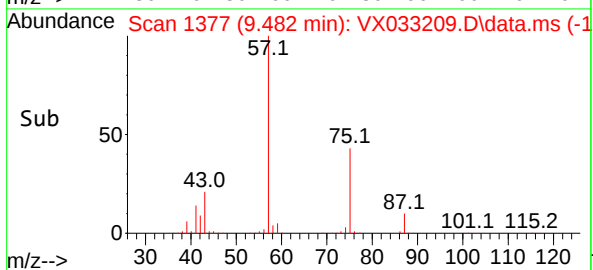
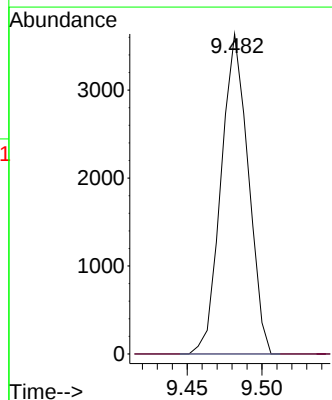
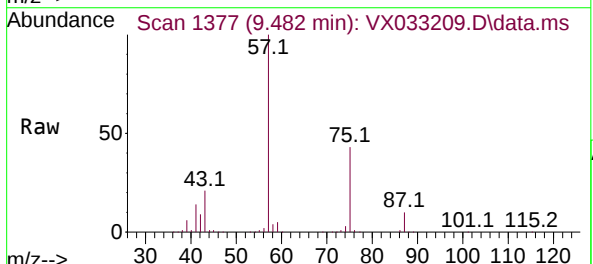
Instrument :
MSVOA_X
ClientSampleId :
PB149377ZHE#03

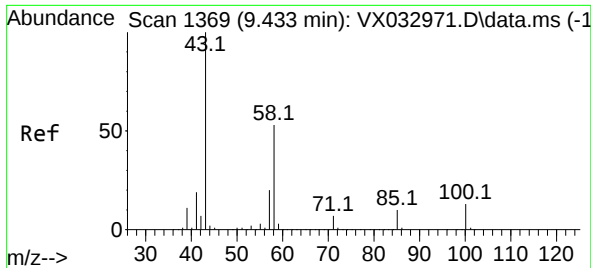
Tgt Ion: 69 Resp: 677
Ion Ratio Lower Upper
69 100
41 7964.3 54.3 81.5#
39 3428.4 35.2 52.8#



#57
1,3-Dichloropropane
Concen: 2.149 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX033209.D
Acq: 03 Dec 2022 00:15

Tgt Ion: 76 Resp: 4589
Ion Ratio Lower Upper
76 100
78 0.0 26.0 39.0#

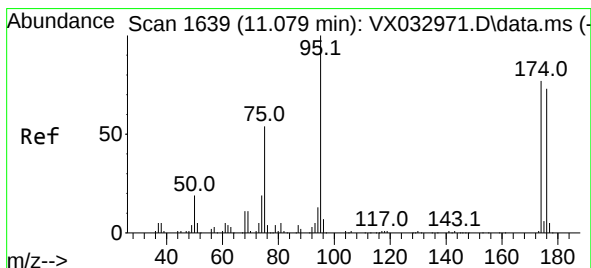
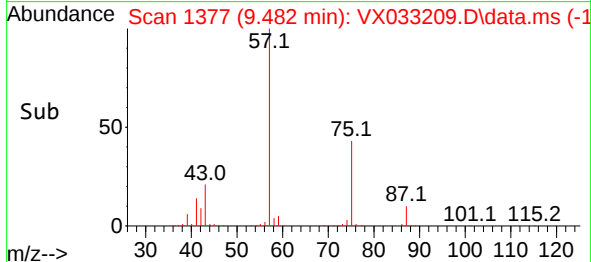
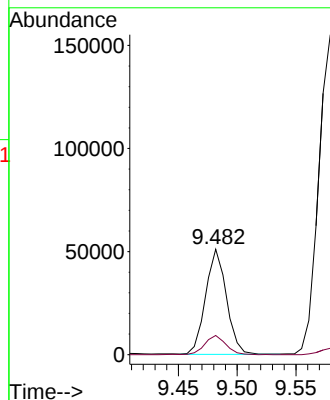
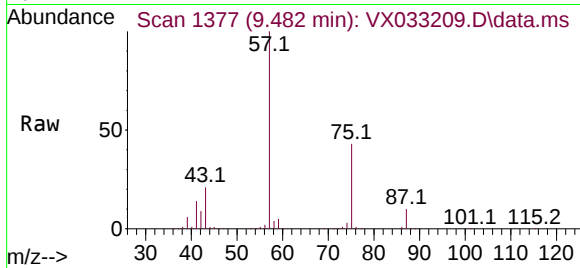




#59
2-Hexanone
Concen: 54.472 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.049 min
Lab File: VX033209.D
Acq: 03 Dec 2022 00:15

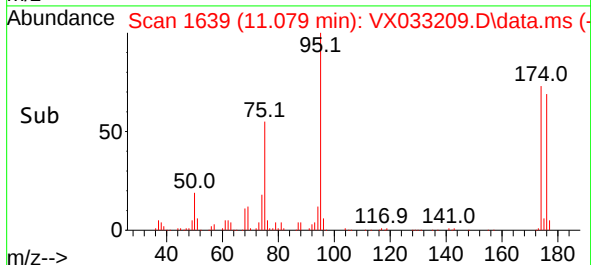
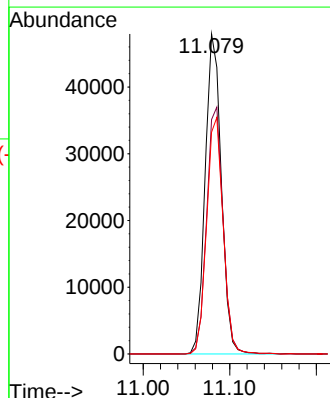
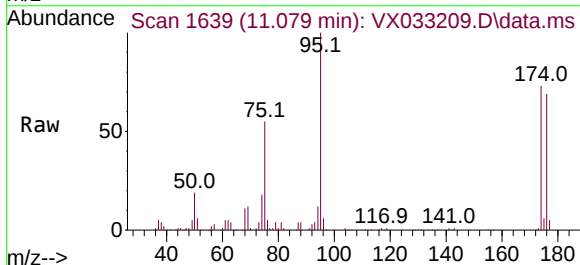
Instrument :
MSVOA_X
ClientSampleId :
PB149377ZHE#03

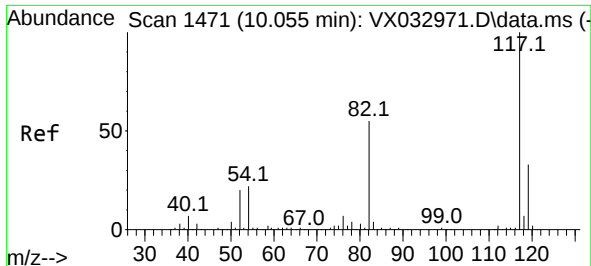
Tgt Ion: 43 Resp: 63089
Ion Ratio Lower Upper
43 100
58 18.7 26.5 79.5#



#62
4-Bromofluorobenzene
Concen: 42.854 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033209.D
Acq: 03 Dec 2022 00:15

Tgt Ion: 95 Resp: 61997
Ion Ratio Lower Upper
95 100
174 78.6 0.0 164.0
176 75.8 0.0 154.4

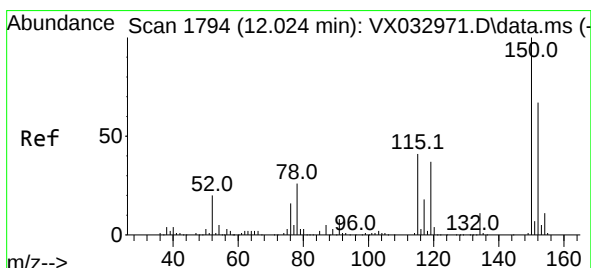
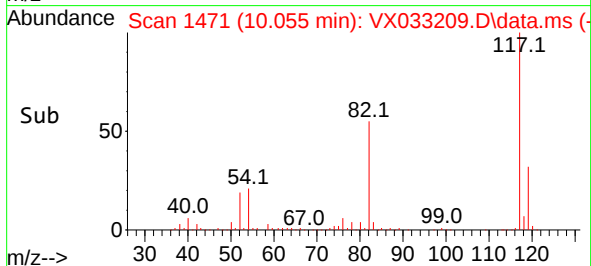
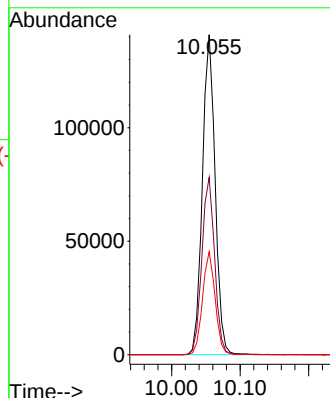
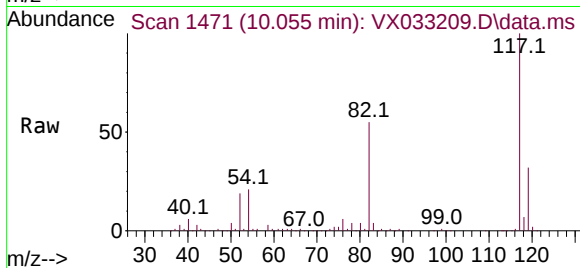




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033209.D
Acq: 03 Dec 2022 00:15

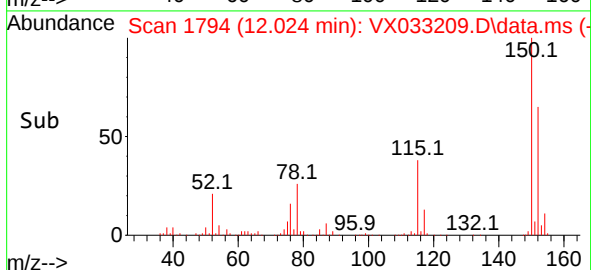
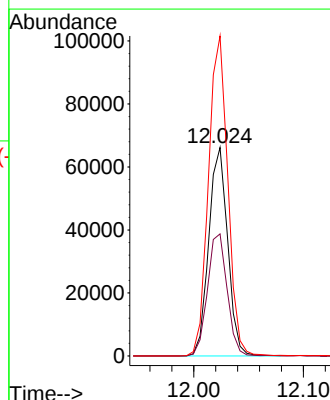
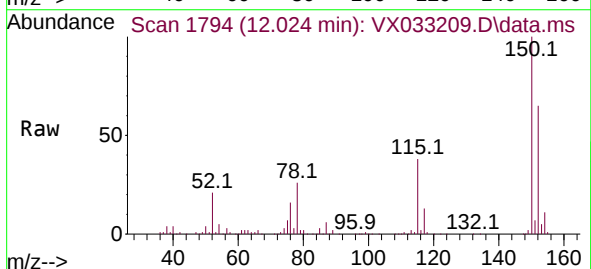
Instrument :
MSVOA_X
ClientSampleId :
PB149377ZHE#03

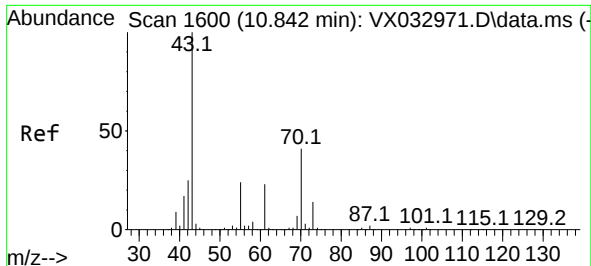
Tgt Ion:117 Resp: 182446
Ion Ratio Lower Upper
117 100
82 55.4 44.3 66.5
119 32.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX033209.D
Acq: 03 Dec 2022 00:15

Tgt Ion:152 Resp: 79415
Ion Ratio Lower Upper
152 100
115 60.9 44.0 132.0
150 156.7 0.0 351.8

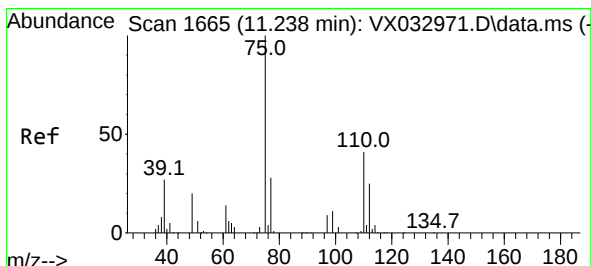
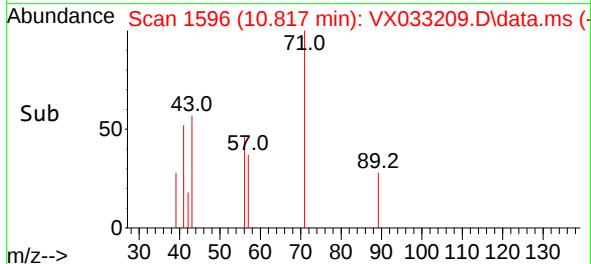
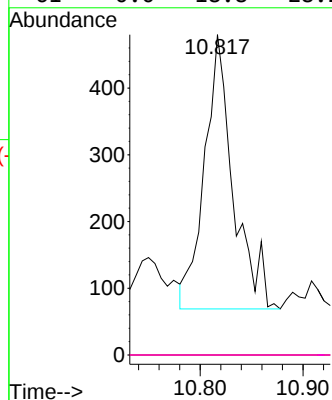
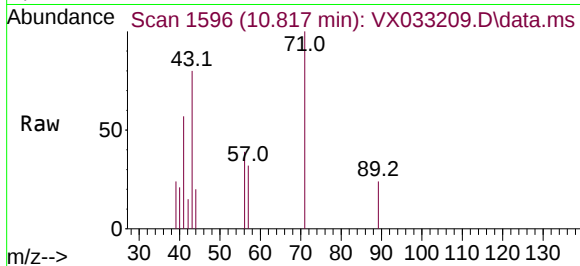




#74
N-amy1 acetate
Concen: 0.414 ug/l
RT: 10.817 min Scan# 1639
Delta R.T. -0.024 min
Lab File: VX033209.D
Acq: 03 Dec 2022 00:15

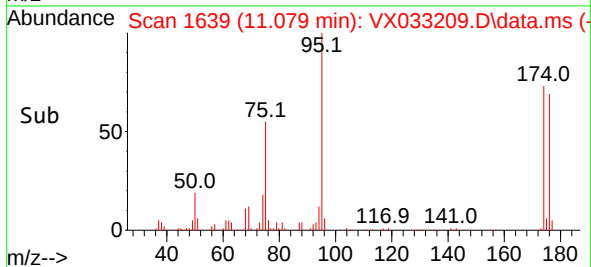
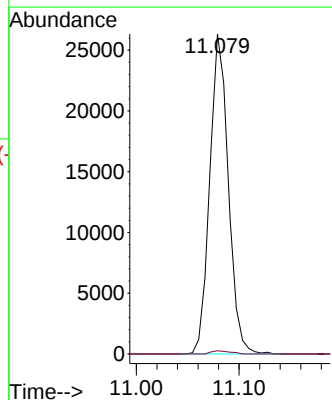
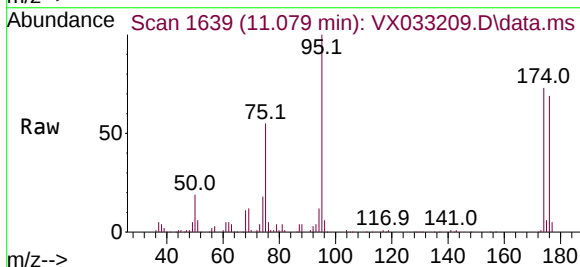
Instrument :
MSVOA_X
ClientSampleId :
PB149377ZHE#03

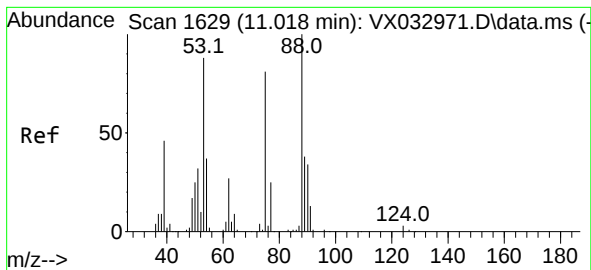
Tgt Ion: 43	Resp: 800
Ion Ratio	Lower Upper
43	100
70	0.0 33.6 50.4#
55	0.0 19.4 29.2#
61	0.0 18.8 28.2#



#76
1,2,3-Trichloropropane
Concen: 21.962 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033209.D
Acq: 03 Dec 2022 00:15

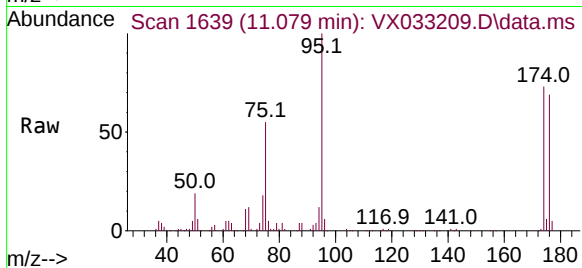
Tgt Ion: 75	Resp: 33030
Ion Ratio	Lower Upper
75	100
77	1.0 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.385 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX033209.D
 Acq: 03 Dec 2022 00:15

Instrument :
 MSVOA_X
 ClientSampleId :
 PB149377ZHE#03



Tgt Ion: 75 Resp: 33030
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

