

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010623\
 Data File : VX033626.D
 Acq On : 06 Jan 2023 13:29
 Operator : JC/MD
 Sample : PB050057ZHE#03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB050057ZHE#03

Quant Time: Jan 07 04:23:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010423W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 05 04:43:25 2023
 Response via : Initial Calibration

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

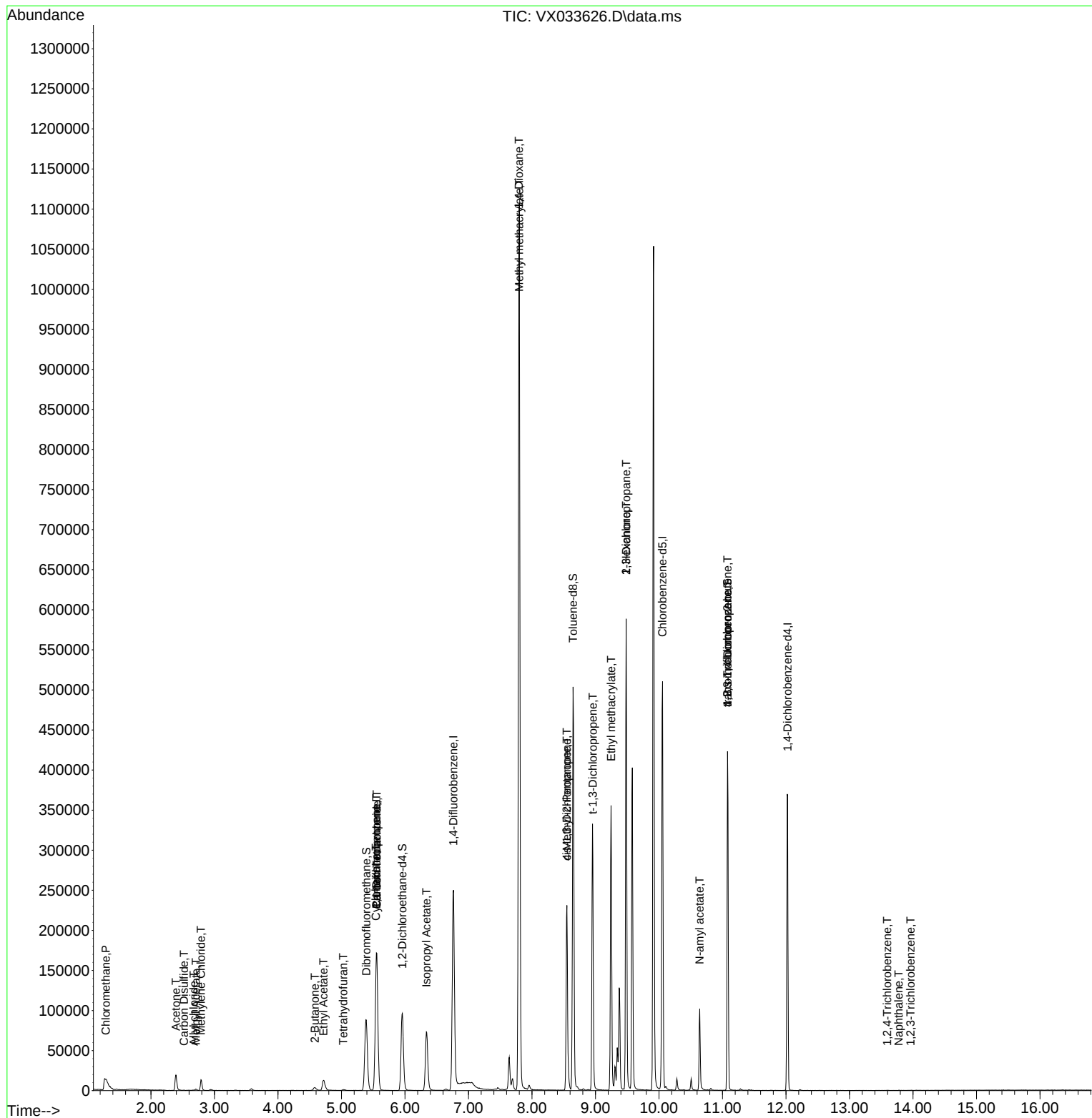
Internal Standards						
1) Pentafluorobenzene	5.550	168	177725	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	254995	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79450	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95910	47.805	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.600%		
35) Dibromofluoromethane	5.391	113	78644	46.922	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.840%		
50) Toluene-d8	8.647	98	295533	49.332	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.660%		
62) 4-Bromofluorobenzene	11.079	95	108695	51.188	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.380%		
Target Compounds						Qvalue
3) Chloromethane	1.288	50	1226	0.680	ug/l #	42
14) Allyl chloride	2.672	41	592	0.214	ug/l #	25
16) Acetone	2.392	43	26779	27.453	ug/l	95
17) Carbon Disulfide	2.520	76	441	1.734	ug/l #	74
18) Methyl Acetate	2.709	43	2144	0.771	ug/l	93
20) Methylene Chloride	2.788	84	5848	1.315	ug/l	98
25) 2-Butanone	4.581	43	7382	5.635	ug/l	95
29) Tetrahydrofuran	5.026	42	470	0.566	ug/l #	66
31) Cyclohexane	5.544	56	3110	1.114	ug/l #	17
36) 1,1-Dichloropropene	5.550	75	11550	5.087	ug/l #	49
37) Ethyl Acetate	4.715	43	23754	7.642	ug/l	99
38) Carbon Tetrachloride	5.556	117	15819	6.584	ug/l #	17
43) Isopropyl Acetate	6.336	43	106474	27.430	ug/l	99
48) Methyl methacrylate	7.800	41	95197	48.450	ug/l #	44
49) 1,4-Dioxane	7.793	88	67	1.603	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	84991	34.594	ug/l #	52
53) t-1,3-Dichloropropene	8.958	75	828	0.443	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	37372	14.562	ug/l #	59
56) Ethyl methacrylate	9.244	69	551	0.216	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	5030	1.720	ug/l #	42
59) 2-Hexanone	9.482	43	71725	39.520	ug/l #	50
74) N-amyl acetate	10.640	43	27364	12.036	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	53100	36.481	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	53100	110.726	ug/l #	7
93) 1,2,4-Trichlorobenzene	13.591	180	164	1.684	ug/l #	59
95) Naphthalene	13.774	128	318	3.171	ug/l #	69
96) 1,2,3-Trichlorobenzene	13.963	180	137	3.818	ug/l #	13

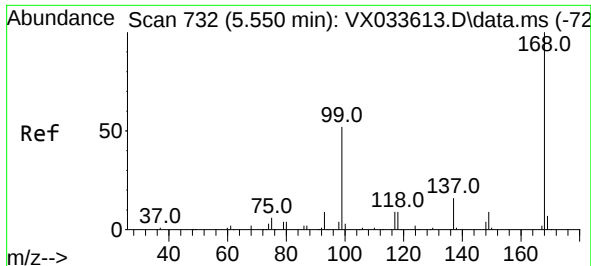
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010623\
Data File : VX033626.D
Acq On : 06 Jan 2023 13:29
Operator : JC/MD
Sample : PB050057ZHE#03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB050057ZHE#03

Quant Time: Jan 07 04:23:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010423W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 05 04:43:25 2023
Response via : Initial Calibration

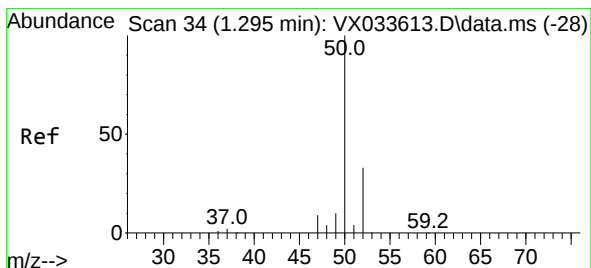
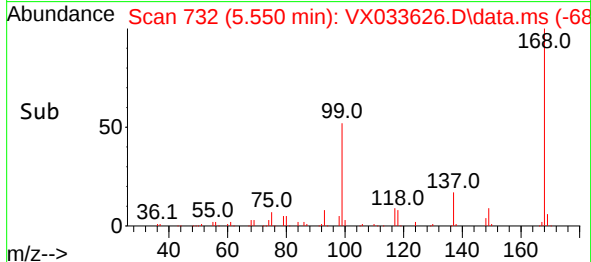
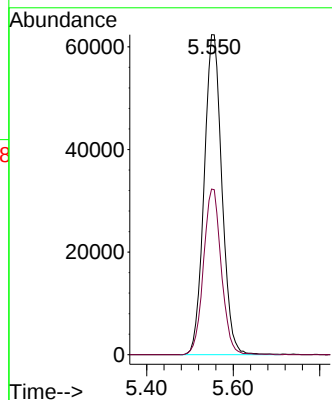
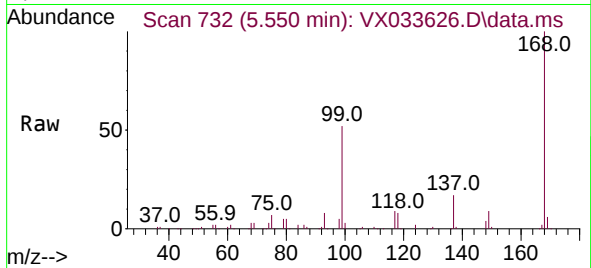




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033626.D
Acq: 06 Jan 2023 13:29

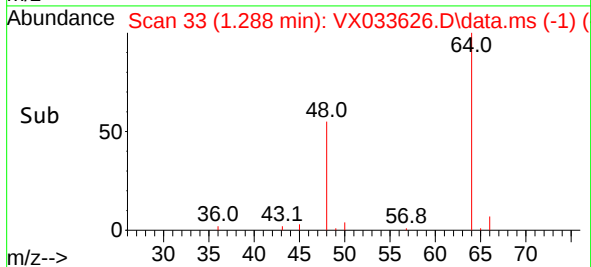
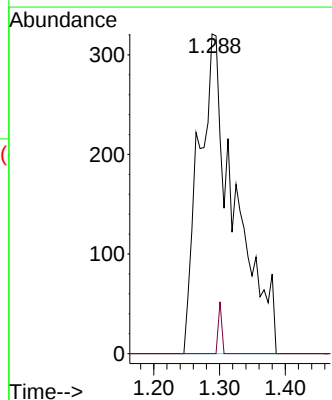
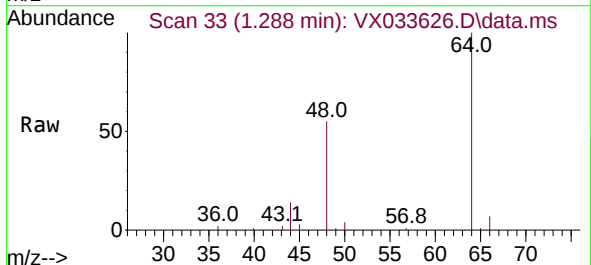
Instrument :
MSVOA_X
ClientSampleId :
PB050057ZHE#03

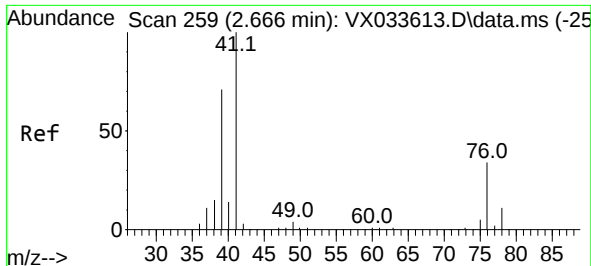
Tgt Ion:168 Resp: 177725
Ion Ratio Lower Upper
168 100
99 51.7 41.4 62.2



#3
Chloromethane
Concen: 0.680 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX033626.D
Acq: 06 Jan 2023 13:29

Tgt Ion: 50 Resp: 1226
Ion Ratio Lower Upper
50 100
52 0.0 26.1 39.1#





#14

Allyl chloride

Concen: 0.214 ug/l

RT: 2.672 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX033626.D

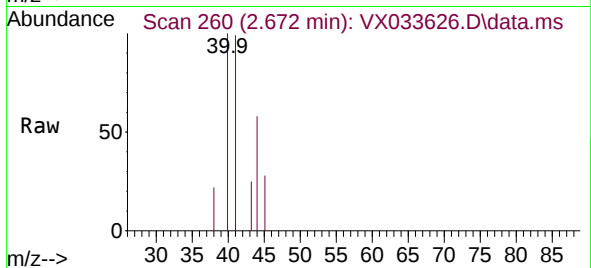
Acq: 06 Jan 2023 13:29

Instrument :

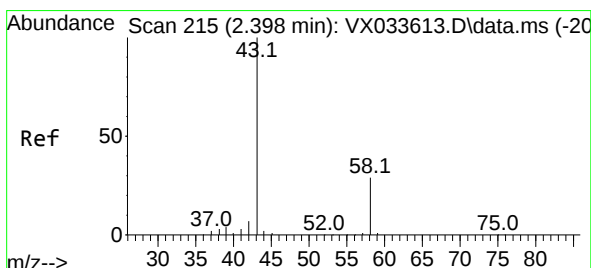
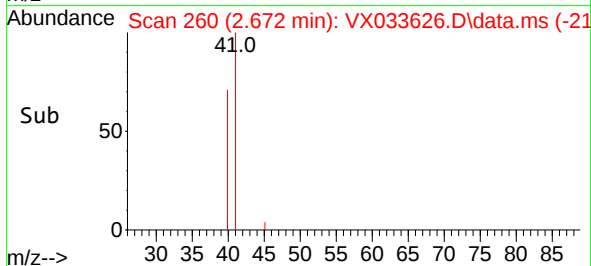
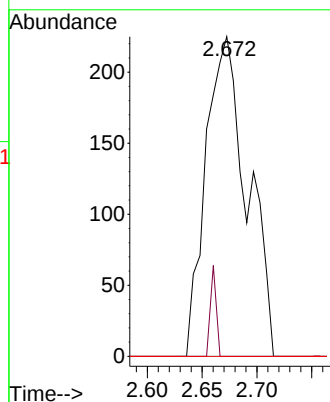
MSVOA_X

ClientSampleId :

PB050057ZHE#03



Tgt Ion:	41	Resp:	592
Ion	Ratio	Lower	Upper
41	100		
39	0.0	53.3	79.9#
76	0.0	25.0	37.4#



#16

Acetone

Concen: 27.453 ug/l

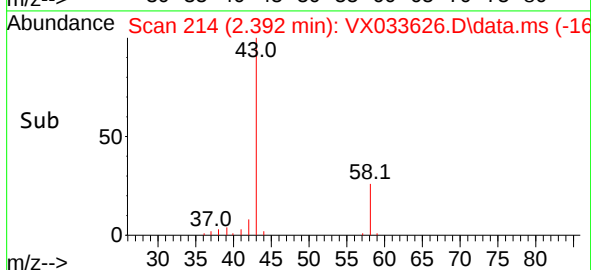
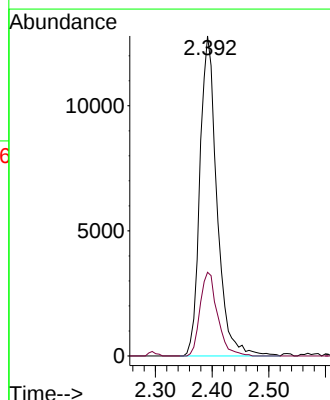
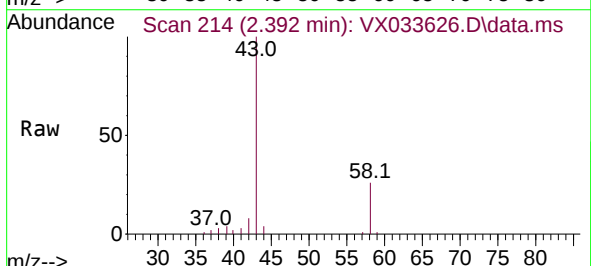
RT: 2.392 min Scan# 214

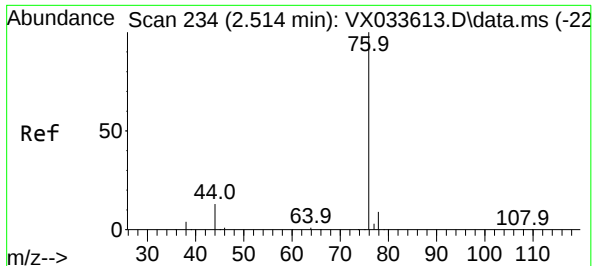
Delta R.T. -0.006 min

Lab File: VX033626.D

Acq: 06 Jan 2023 13:29

Tgt Ion:	43	Resp:	26779
Ion	Ratio	Lower	Upper
43	100		
58	26.1	22.9	34.3

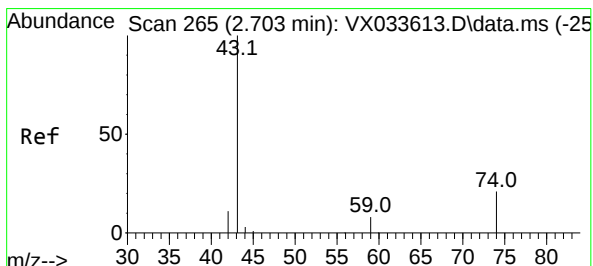
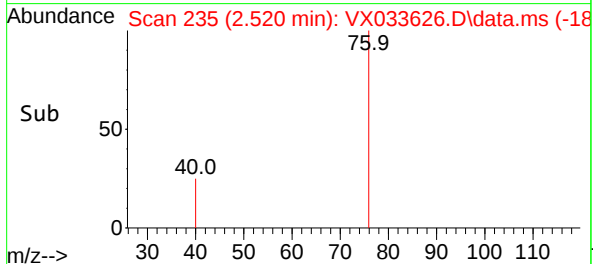
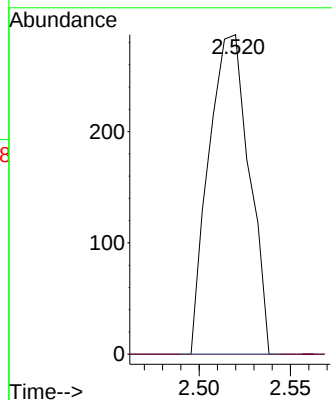
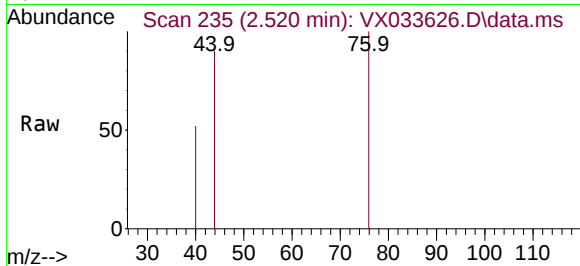




#17
Carbon Disulfide
Concen: 1.734 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX033626.D
Acq: 06 Jan 2023 13:29

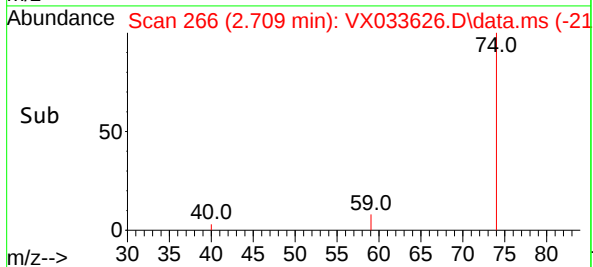
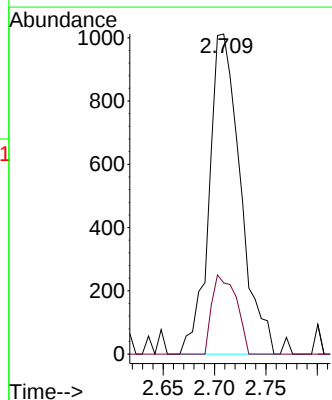
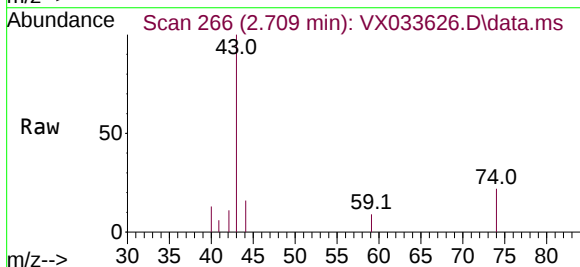
Instrument :
MSVOA_X
ClientSampleId :
PB050057ZHE#03

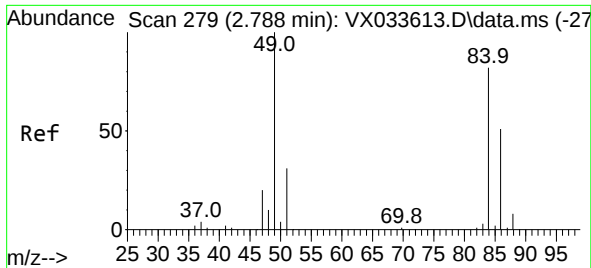
Tgt Ion: 76 Resp: 441
Ion Ratio Lower Upper
76 100
78 0.0 7.6 11.4#



#18
Methyl Acetate
Concen: 0.771 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX033626.D
Acq: 06 Jan 2023 13:29

Tgt Ion: 43 Resp: 2144
Ion Ratio Lower Upper
43 100
74 19.2 17.9 26.9

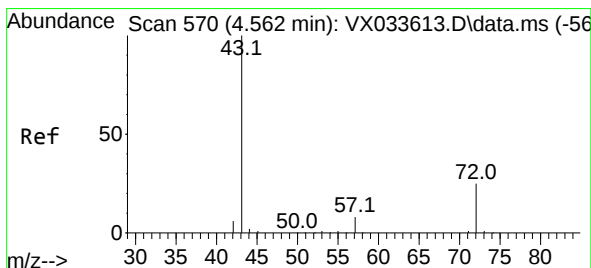
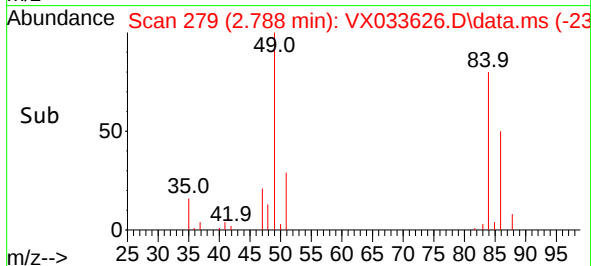
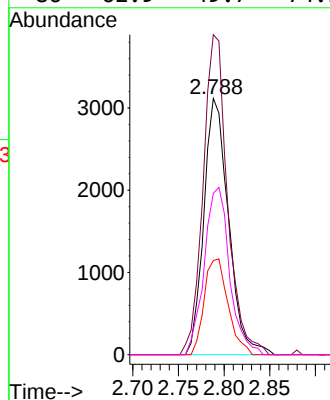
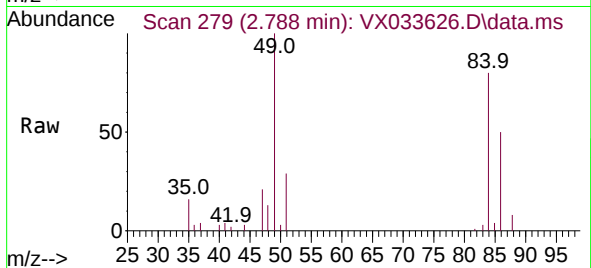




#20
Methylene Chloride
Concen: 1.315 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033626.D
Acq: 06 Jan 2023 13:29

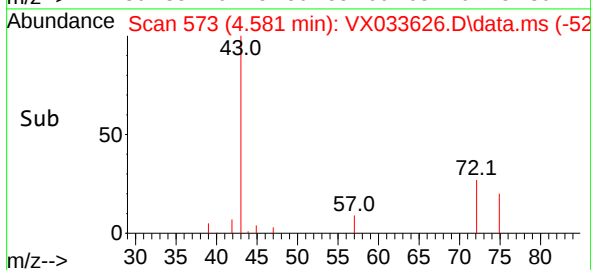
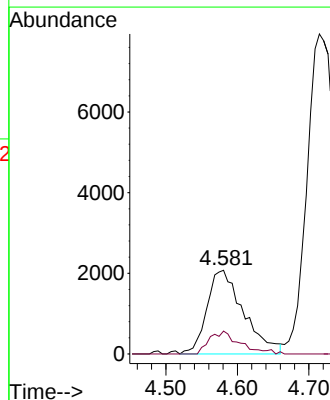
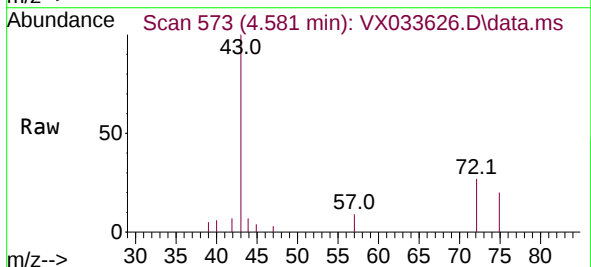
Instrument :
MSVOA_X
ClientSampleId :
PB050057ZHE#03

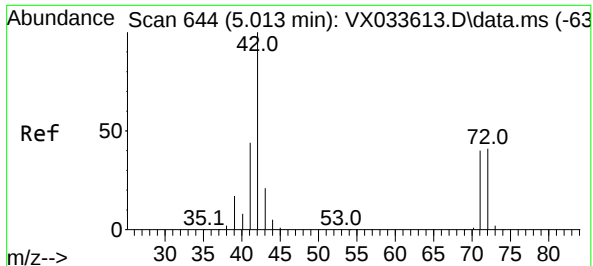
Tgt Ion: 84	Resp: 5848
Ion Ratio	Lower Upper
84 100	
49 124.9	97.6 146.4
51 36.7	30.4 45.6
86 62.9	49.7 74.5



#25
2-Butanone
Concen: 5.635 ug/l
RT: 4.581 min Scan# 573
Delta R.T. 0.018 min
Lab File: VX033626.D
Acq: 06 Jan 2023 13:29

Tgt Ion: 43	Resp: 7382
Ion Ratio	Lower Upper
43 100	
72 27.4	19.8 29.6





#29

Tetrahydrofuran

Concen: 0.566 ug/l

RT: 5.026 min Scan# 644

Delta R.T. 0.012 min

Lab File: VX033626.D

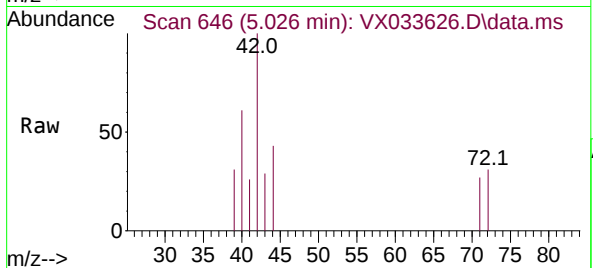
Acq: 06 Jan 2023 13:29

Instrument :

MSVOA_X

ClientSampleId :

PB050057ZHE#03



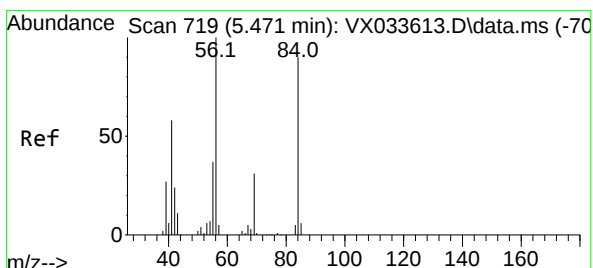
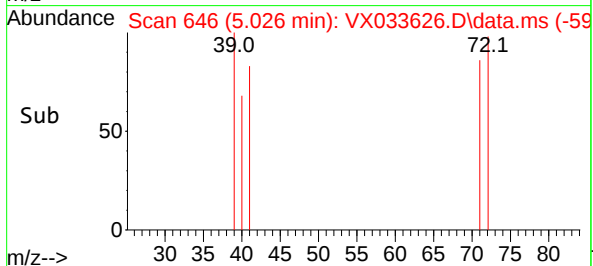
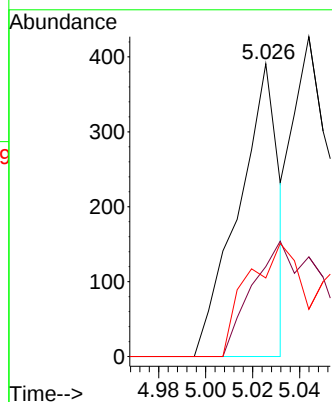
Tgt Ion: 42 Resp: 470

Ion Ratio Lower Upper

42 100

72 73.4 34.2 51.4#

71 50.9 31.4 47.0#



#31

Cyclohexane

Concen: 1.114 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX033626.D

Acq: 06 Jan 2023 13:29

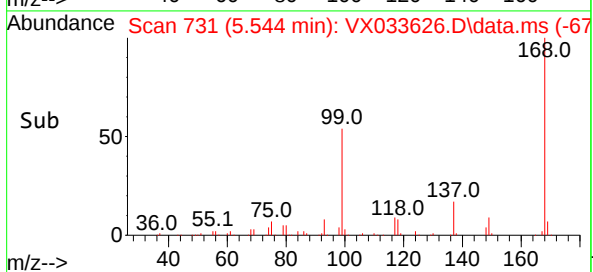
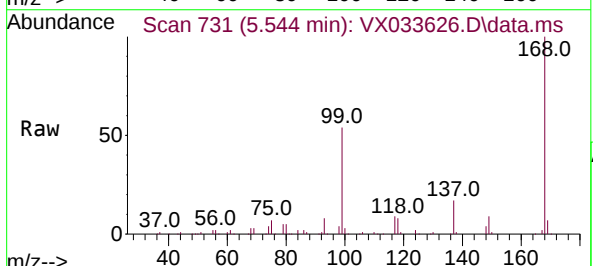
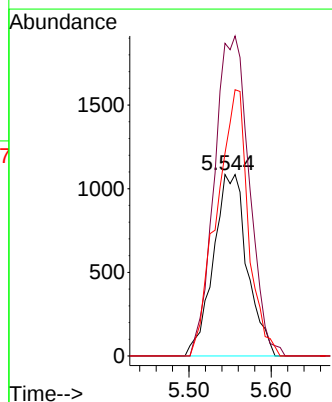
Tgt Ion: 56 Resp: 3110

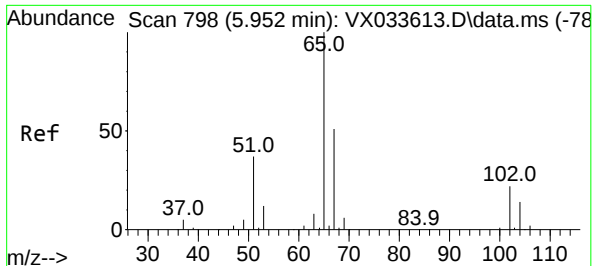
Ion Ratio Lower Upper

56 100

69 172.3 24.6 36.8#

84 111.7 72.2 108.2#





#33

1,2-Dichloroethane-d4

Concen: 47.805 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX033626.D

Acq: 06 Jan 2023 13:29

Instrument :

MSVOA_X

ClientSampleId :

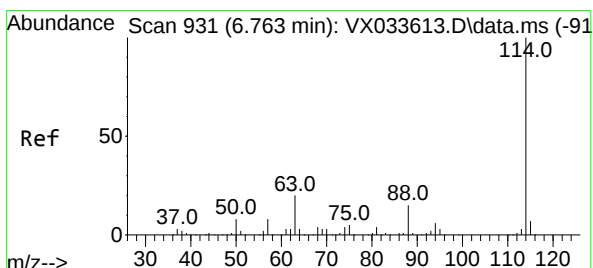
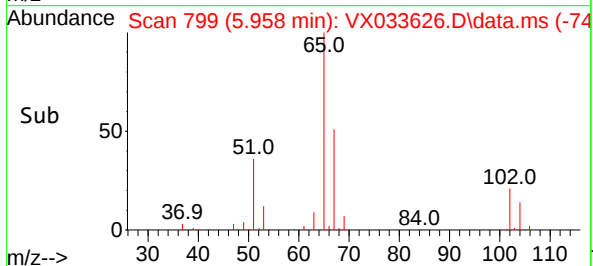
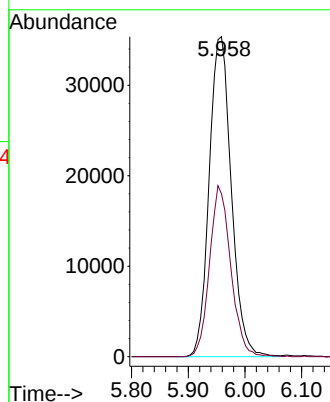
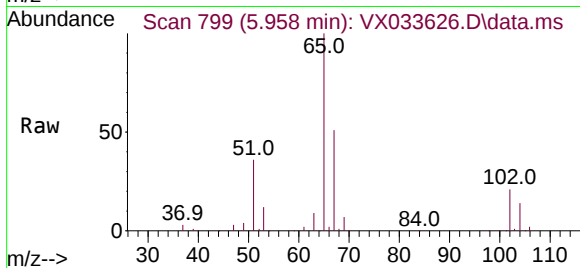
PB050057ZHE#03

Tgt Ion: 65 Resp: 95910

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033626.D

Acq: 06 Jan 2023 13:29

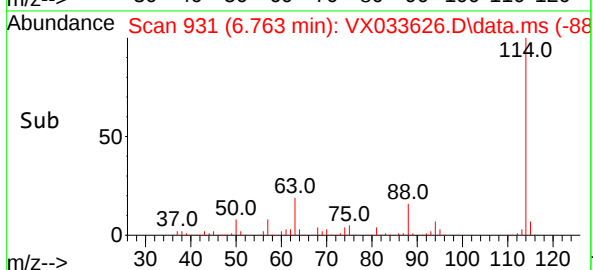
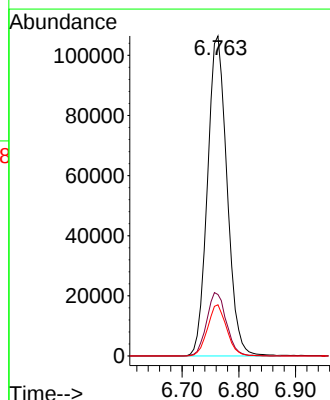
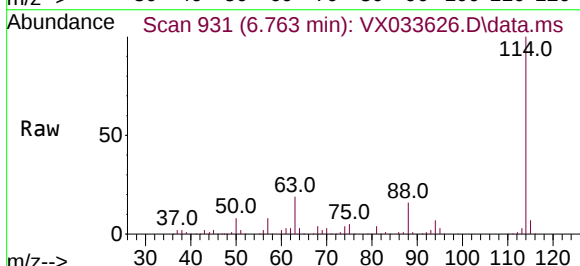
Tgt Ion: 114 Resp: 254995

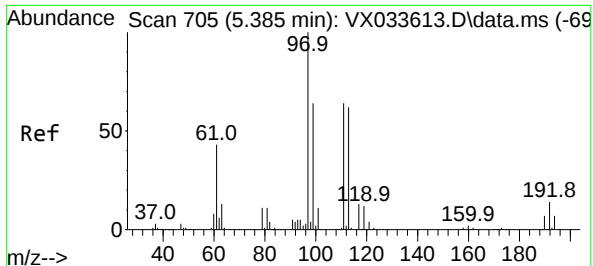
Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.0

88 16.0 0.0 29.6

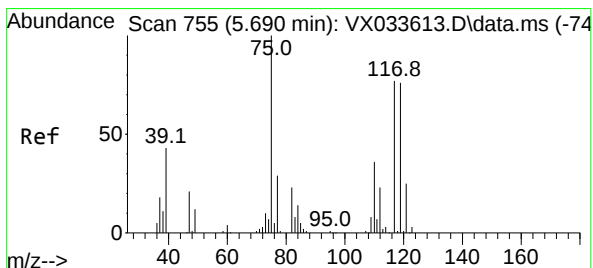
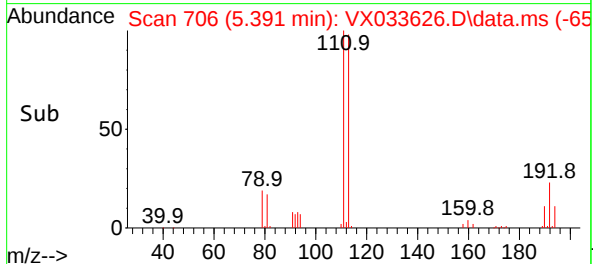
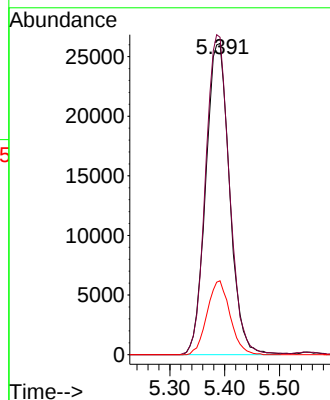
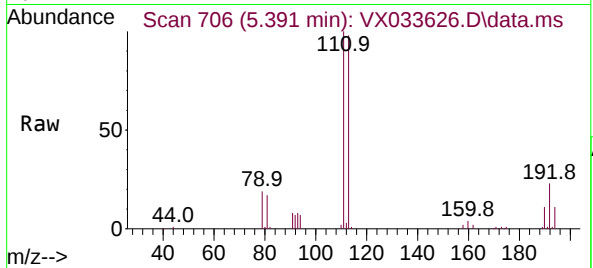




#35
Dibromofluoromethane
Concen: 46.922 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX033626.D
Acq: 06 Jan 2023 13:29

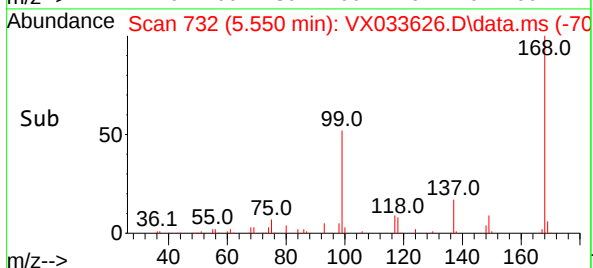
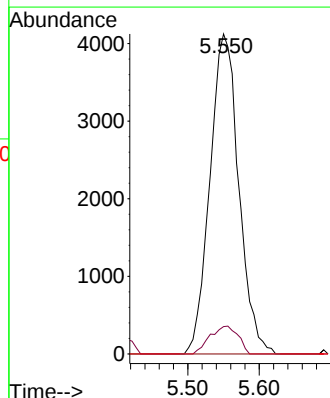
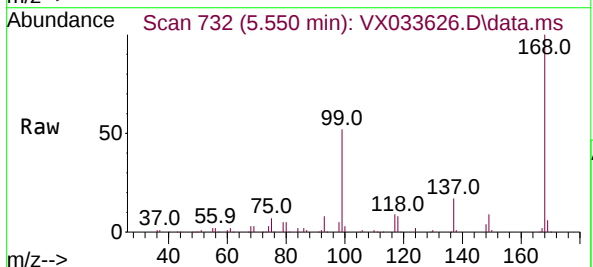
Instrument :
MSVOA_X
ClientSampleId :
PB050057ZHE#03

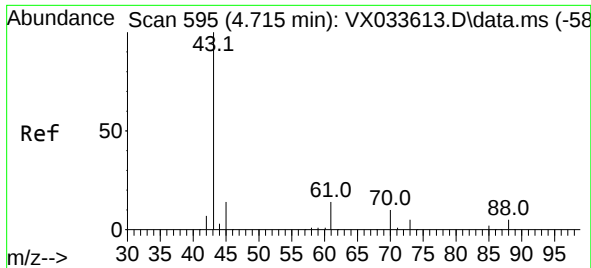
Tgt Ion:113 Resp: 78644
Ion Ratio Lower Upper
113 100
111 102.9 81.2 121.8
192 22.9 18.2 27.2



#36
1,1-Dichloropropene
Concen: 5.087 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX033626.D
Acq: 06 Jan 2023 13:29

Tgt Ion: 75 Resp: 11550
Ion Ratio Lower Upper
75 100
110 8.5 18.0 54.0#
77 0.0 24.5 36.7#

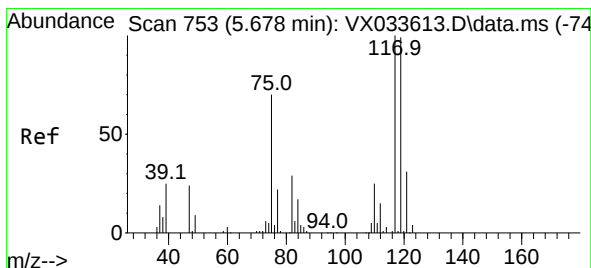
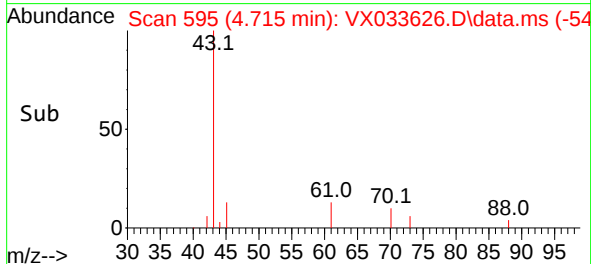
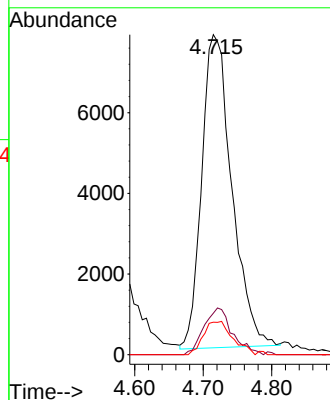
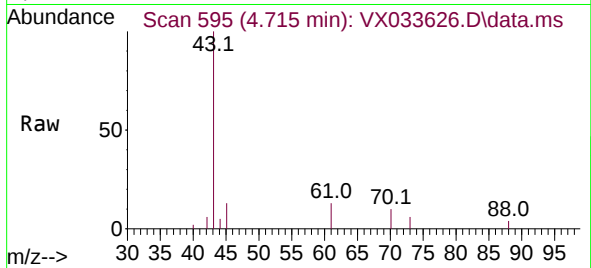




#37
Ethyl Acetate
Concen: 7.642 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX033626.D
Acq: 06 Jan 2023 13:29

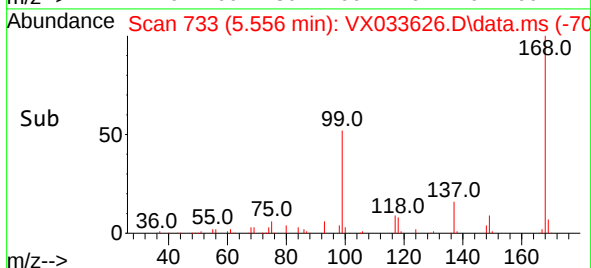
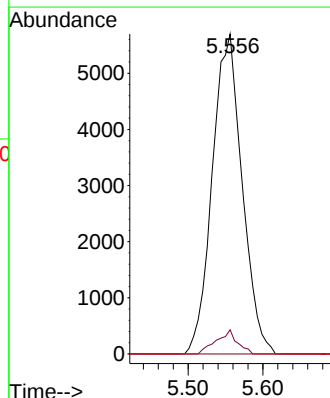
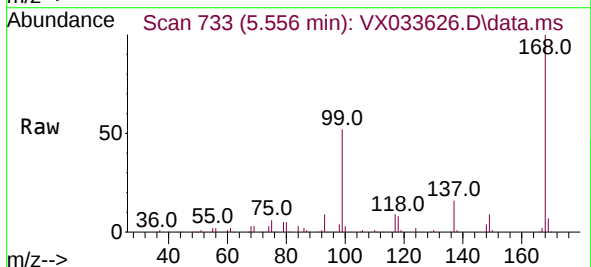
Instrument :
MSVOA_X
ClientSampleId :
PB050057ZHE#03

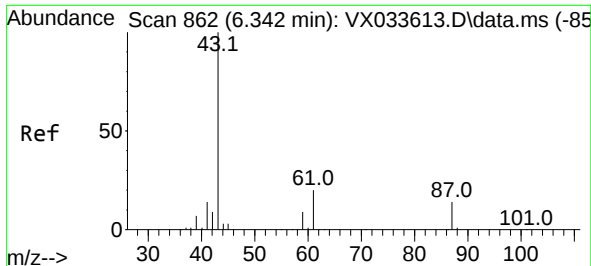
Tgt Ion:	43	Resp:	23754
Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.6	16.0
70	10.3	8.1	12.1



#38
Carbon Tetrachloride
Concen: 6.584 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX033626.D
Acq: 06 Jan 2023 13:29

Tgt Ion:	117	Resp:	15819
Ion	Ratio	Lower	Upper
117	100		
119	7.6	78.8	118.2#
121	0.0	24.9	37.3#

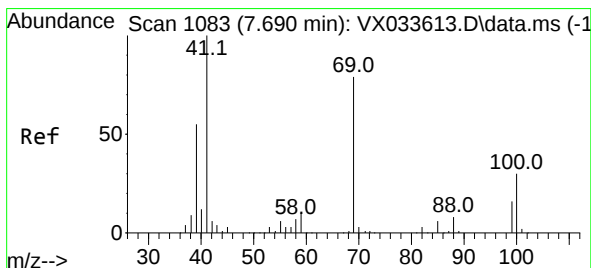
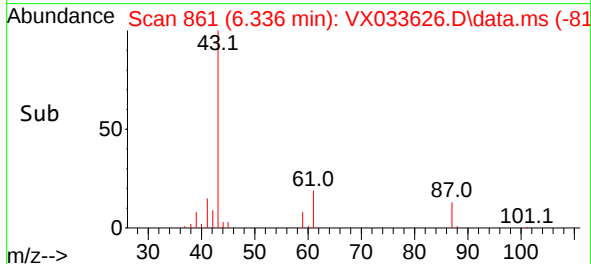
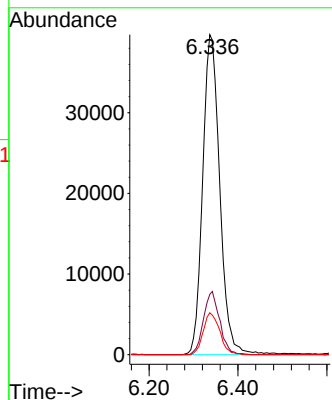
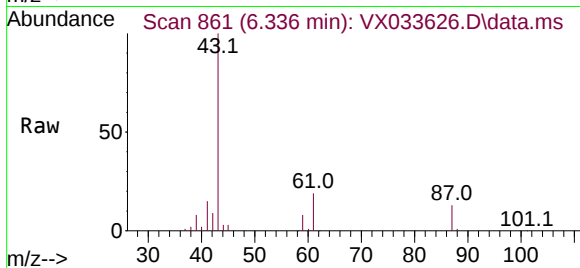




#43
Isopropyl Acetate
Concen: 27.430 ug/l
RT: 6.336 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX033626.D
Acq: 06 Jan 2023 13:29

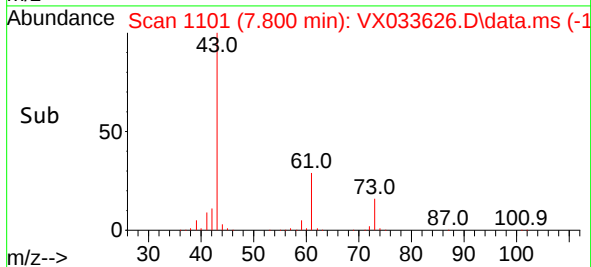
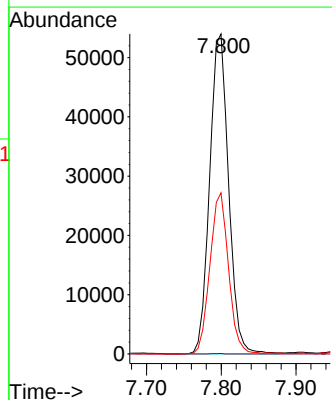
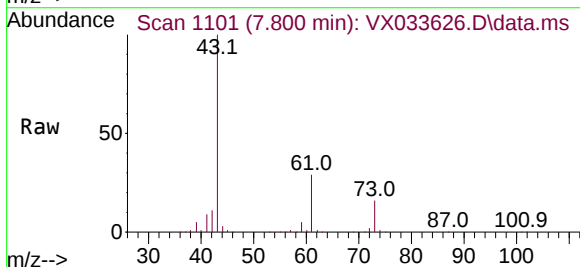
Instrument :
MSVOA_X
ClientSampleId :
PB050057ZHE#03

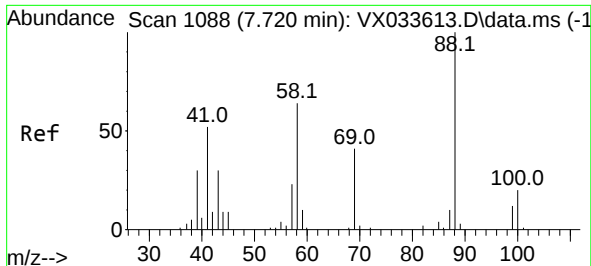
Tgt Ion: 43 Resp: 106474
Ion Ratio Lower Upper
43 100
61 18.7 15.2 22.8
87 12.6 10.6 16.0



#48
Methyl methacrylate
Concen: 48.450 ug/l
RT: 7.800 min Scan# 1101
Delta R.T. 0.110 min
Lab File: VX033626.D
Acq: 06 Jan 2023 13:29

Tgt Ion: 41 Resp: 95197
Ion Ratio Lower Upper
41 100
69 0.1 63.1 94.7#
39 49.4 44.8 67.2





#49

1,4-Dioxane

Concen: 1.603 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.073 min

Lab File: VX033626.D

Acq: 06 Jan 2023 13:29

Instrument :

MSVOA_X

ClientSampleId :

PB050057ZHE#03

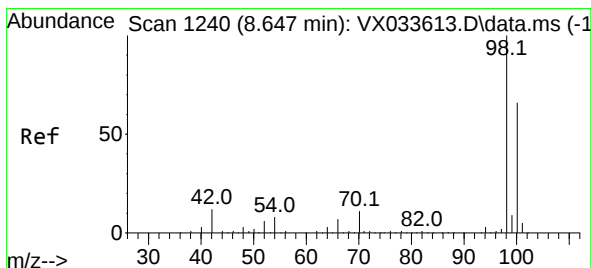
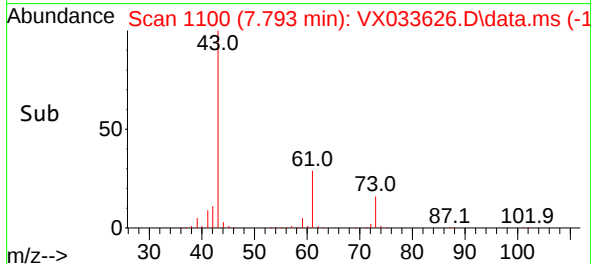
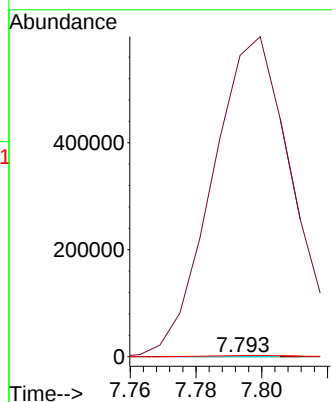
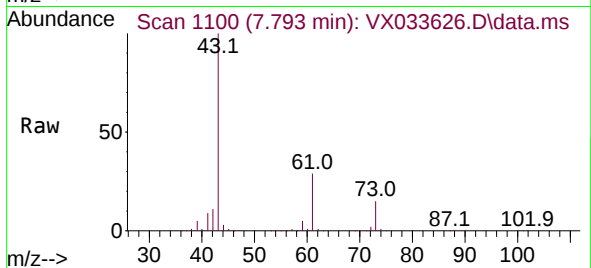
Tgt Ion: 88 Resp: 67

Ion Ratio Lower Upper

88 100

43 1535467.2 24.1 36.1#

58 6000.0 57.1 85.7#



#50

Toluene-d8

Concen: 49.332 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX033626.D

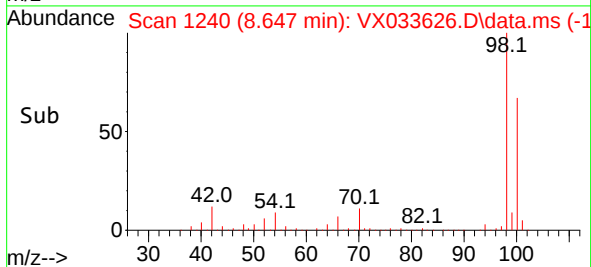
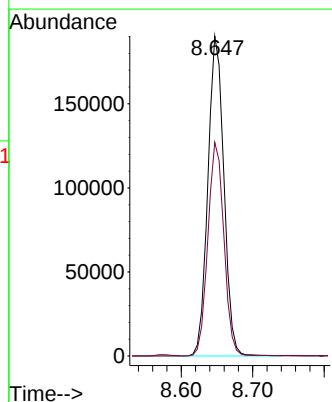
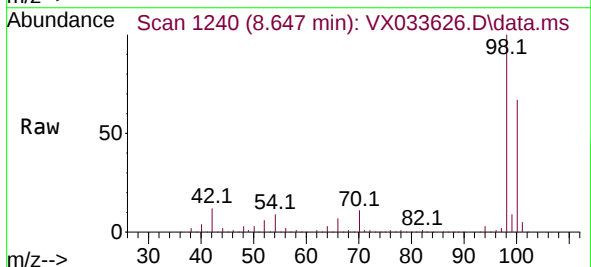
Acq: 06 Jan 2023 13:29

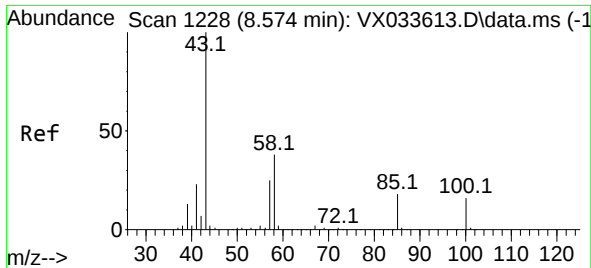
Tgt Ion: 98 Resp: 295533

Ion Ratio Lower Upper

98 100

100 66.8 53.6 80.4

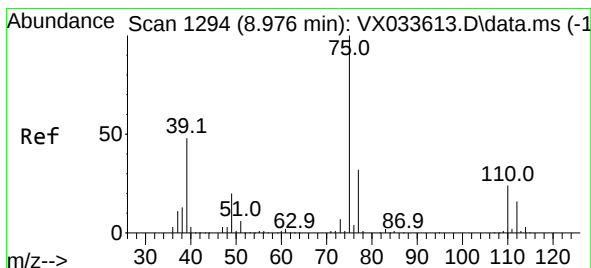
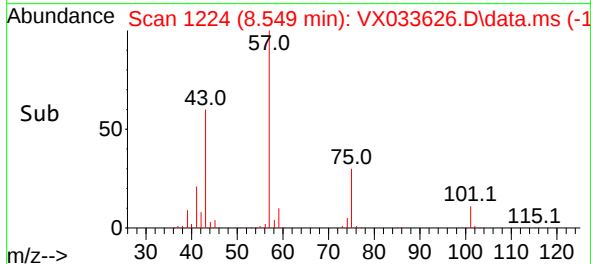
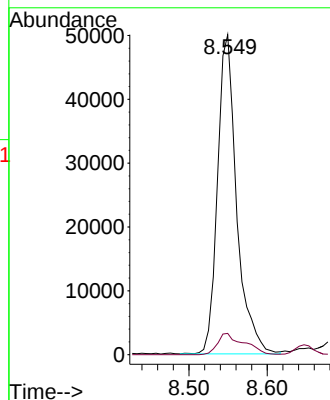
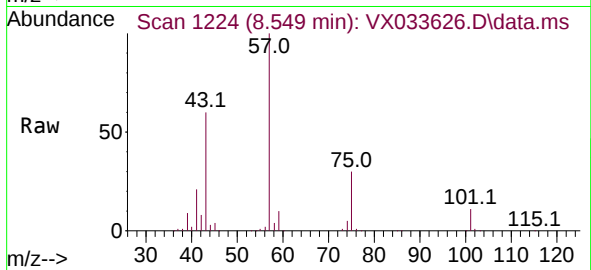




#51
4-Methyl-2-Pentanone
Concen: 34.594 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX033626.D
Acq: 06 Jan 2023 13:29

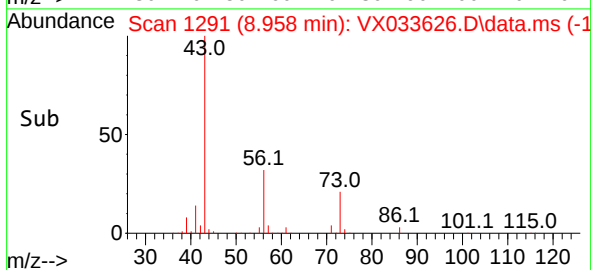
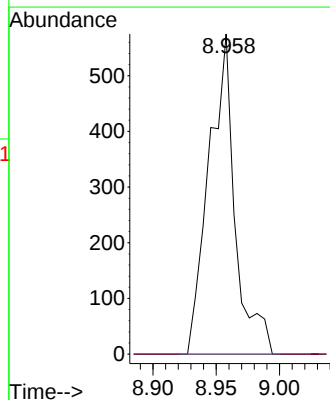
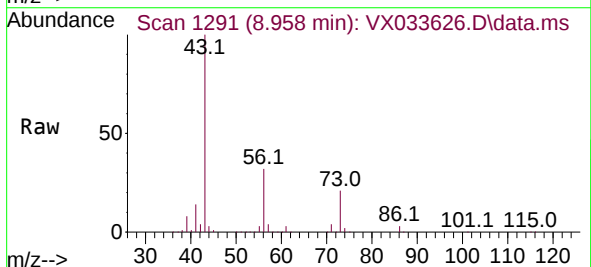
Instrument :
MSVOA_X
ClientSampleId :
PB050057ZHE#03

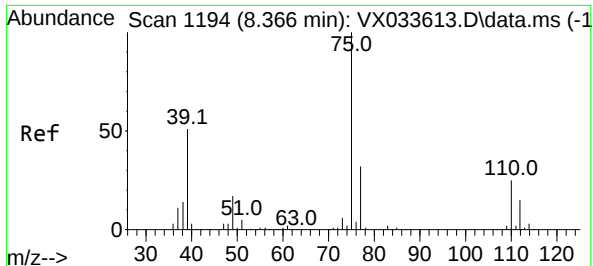
Tgt Ion: 43 Resp: 84991
Ion Ratio Lower Upper
43 100
58 9.3 30.5 45.7#



#53
t-1,3-Dichloropropene
Concen: 0.443 ug/l
RT: 8.958 min Scan# 1291
Delta R.T. -0.018 min
Lab File: VX033626.D
Acq: 06 Jan 2023 13:29

Tgt Ion: 75 Resp: 828
Ion Ratio Lower Upper
75 100
77 0.0 25.3 37.9#

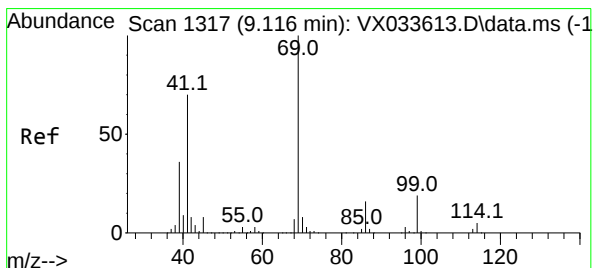
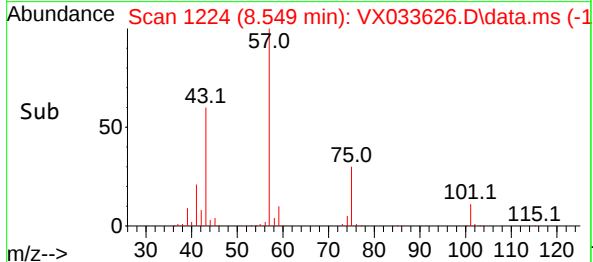
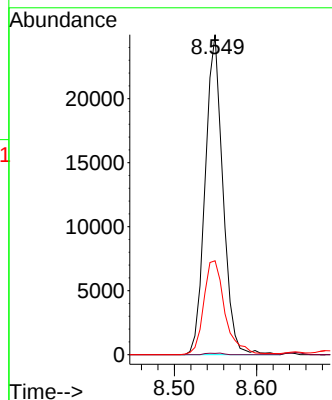
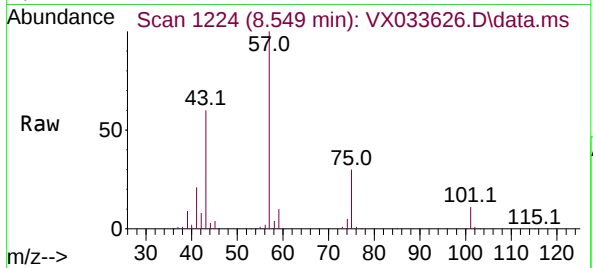




#54
 cis-1,3-Dichloropropene
 Concen: 14.562 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX033626.D
 Acq: 06 Jan 2023 13:29

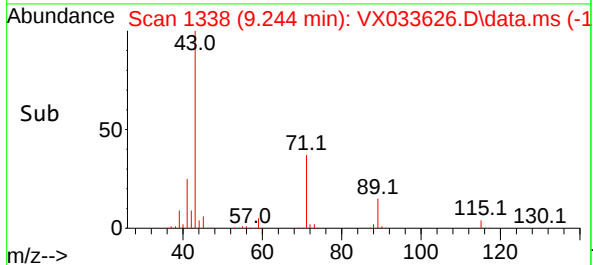
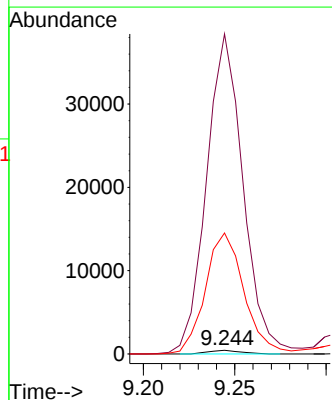
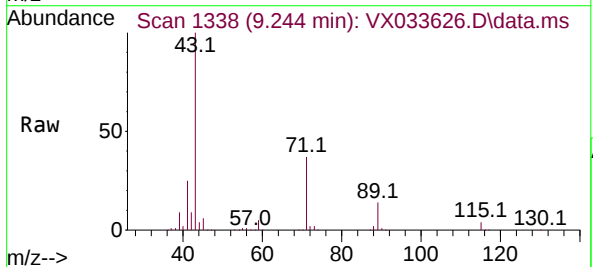
Instrument :
 MSVOA_X
 ClientSampleId :
 PB050057ZHE#03

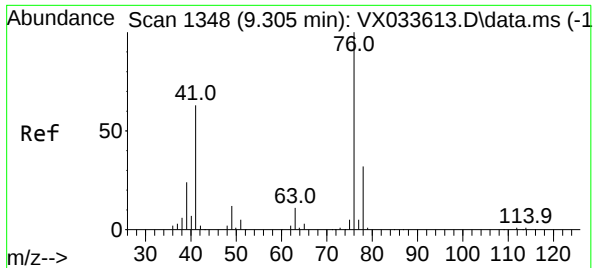
Tgt Ion: 75 Resp: 37372
 Ion Ratio Lower Upper
 75 100
 77 0.4 25.5 38.3#
 39 29.4 40.6 61.0#



#56
 Ethyl methacrylate
 Concen: 0.216 ug/l
 RT: 9.244 min Scan# 1338
 Delta R.T. 0.128 min
 Lab File: VX033626.D
 Acq: 06 Jan 2023 13:29

Tgt Ion: 69 Resp: 551
 Ion Ratio Lower Upper
 69 100
 41 9784.2 56.6 84.8#
 39 3883.1 29.4 44.0#

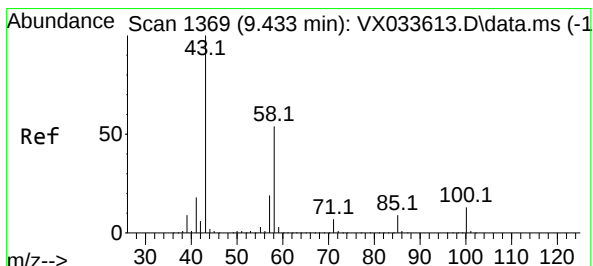
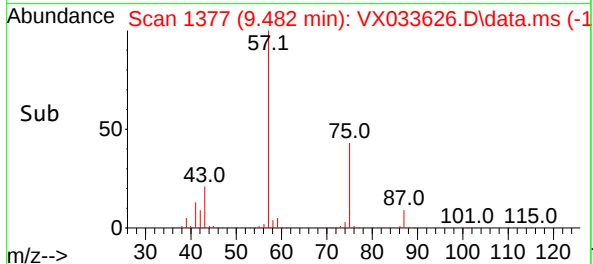
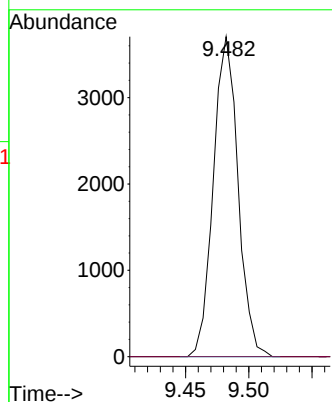
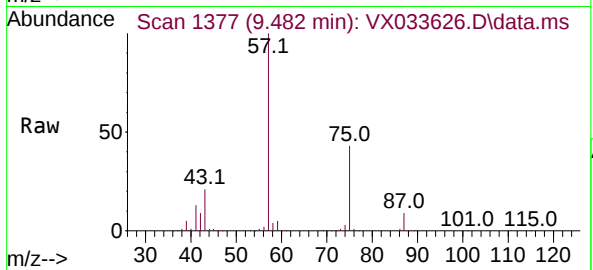




#57
1,3-Dichloropropane
Concen: 1.720 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX033626.D
Acq: 06 Jan 2023 13:29

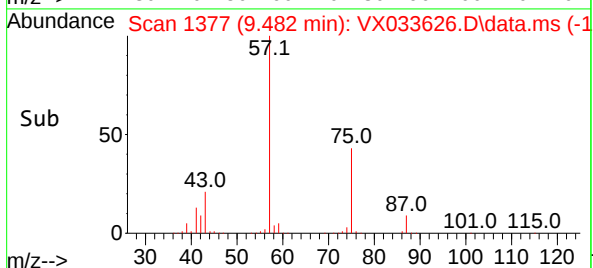
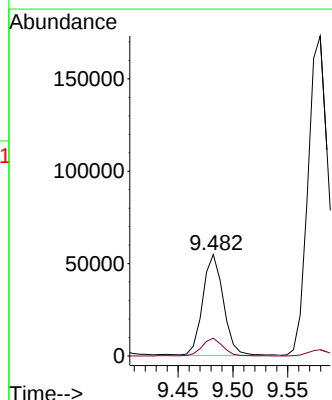
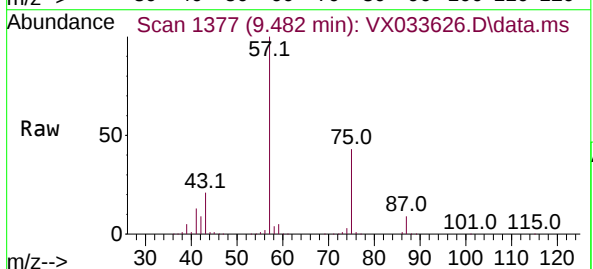
Instrument :
MSVOA_X
ClientSampleId :
PB050057ZHE#03

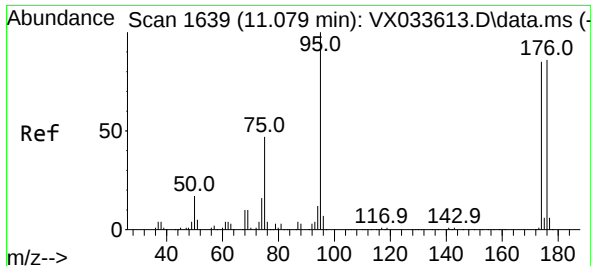
Tgt Ion: 76 Resp: 5030
Ion Ratio Lower Upper
76 100
78 0.0 25.9 38.9#



#59
2-Hexanone
Concen: 39.520 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX033626.D
Acq: 06 Jan 2023 13:29

Tgt Ion: 43 Resp: 71725
Ion Ratio Lower Upper
43 100
58 17.7 26.6 79.8#

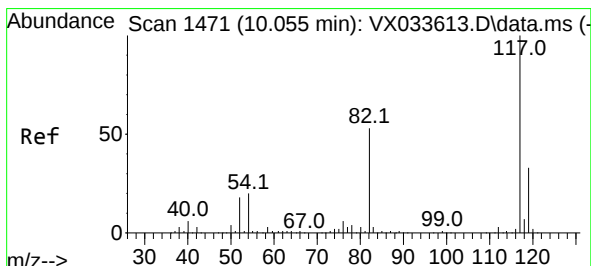
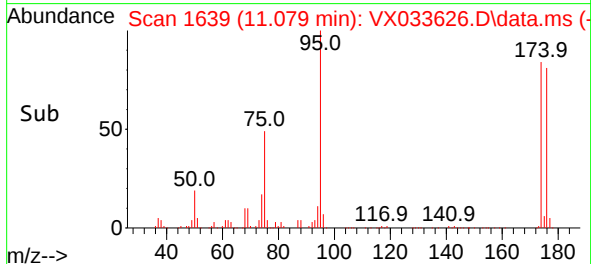
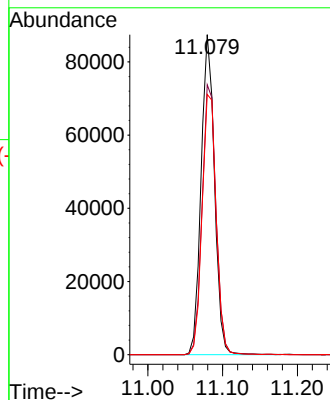
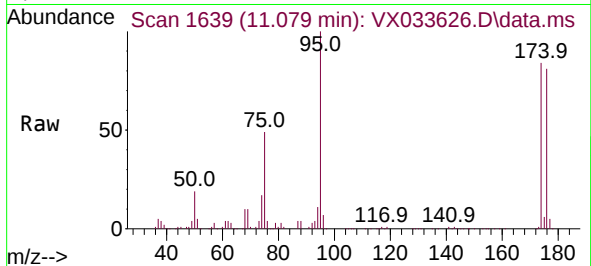




#62
4-Bromofluorobenzene
Concen: 51.188 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033626.D
Acq: 06 Jan 2023 13:29

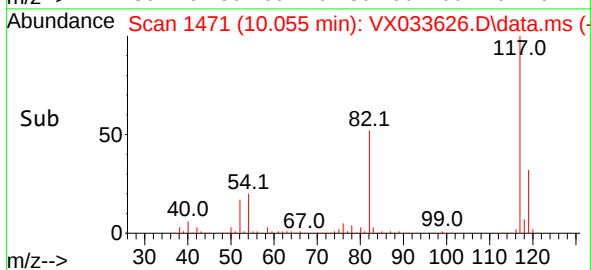
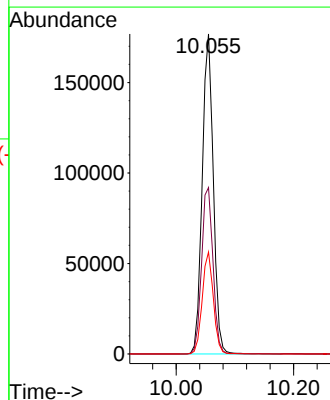
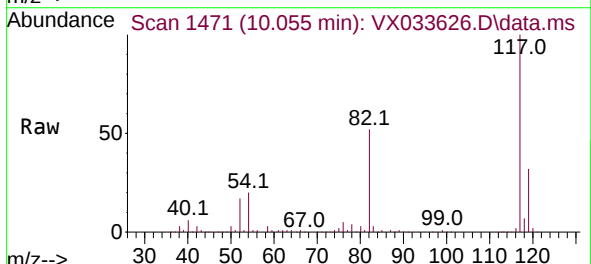
Instrument :
MSVOA_X
ClientSampleId :
PB050057ZHE#03

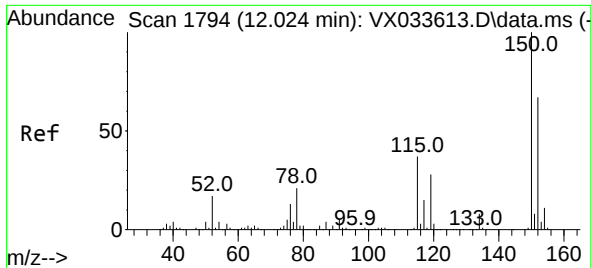
Tgt Ion: 95 Resp: 108695
Ion Ratio Lower Upper
95 100
174 88.0 0.0 180.4
176 85.7 0.0 176.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033626.D
Acq: 06 Jan 2023 13:29

Tgt Ion: 117 Resp: 231806
Ion Ratio Lower Upper
117 100
82 52.0 42.2 63.2
119 31.9 26.2 39.4

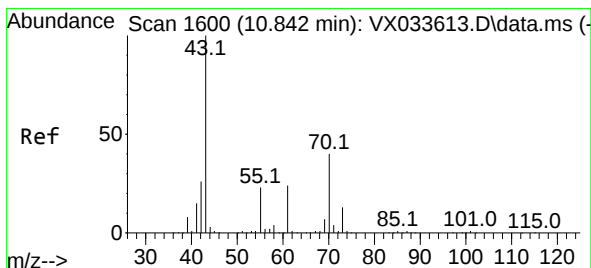
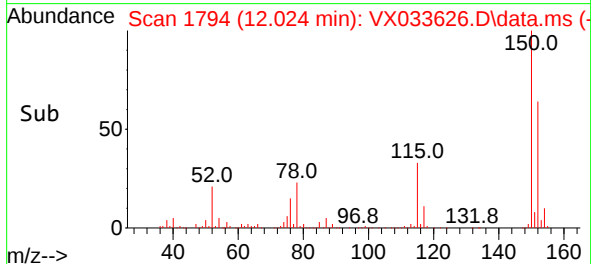
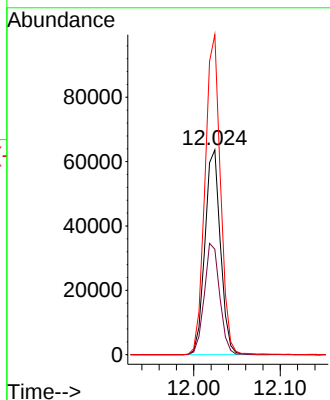
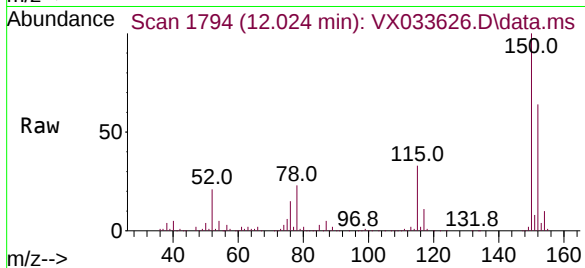




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033626.D
Acq: 06 Jan 2023 13:29

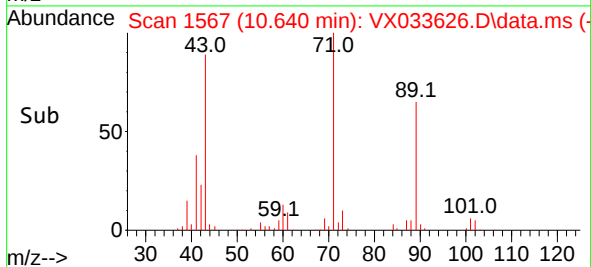
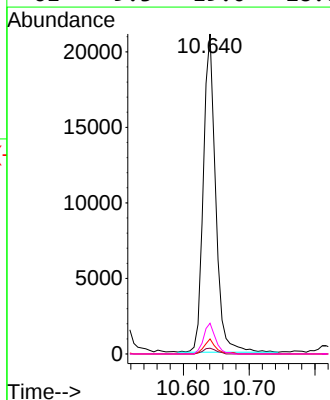
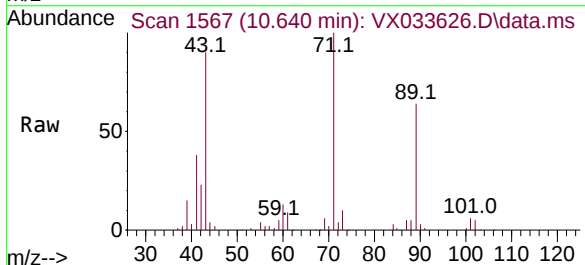
Instrument :
MSVOA_X
ClientSampleId :
PB050057ZHE#03

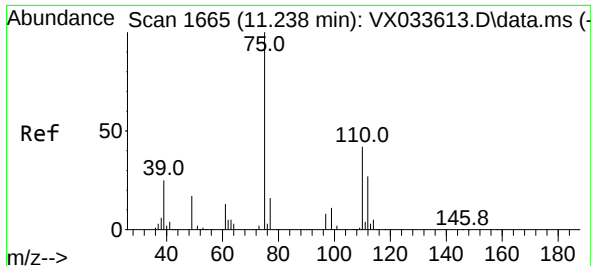
Tgt Ion:152 Resp: 79450
Ion Ratio Lower Upper
152 100
115 54.0 38.5 115.5
150 155.0 0.0 340.4



#74
N-ethyl acetate
Concen: 12.036 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.201 min
Lab File: VX033626.D
Acq: 06 Jan 2023 13:29

Tgt Ion: 43 Resp: 27364
Ion Ratio Lower Upper
43 100
70 2.0 33.4 50.0#
55 4.4 18.6 27.8#
61 9.3 19.0 28.6#

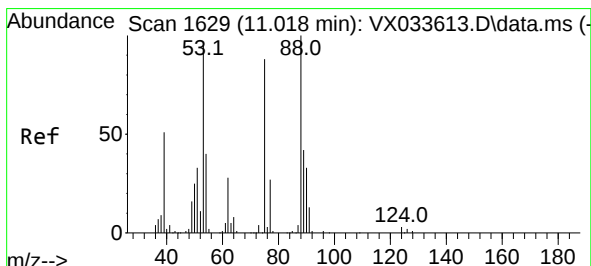
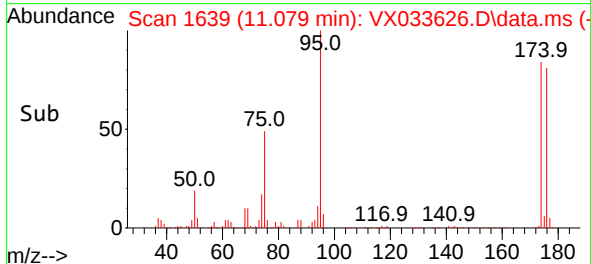
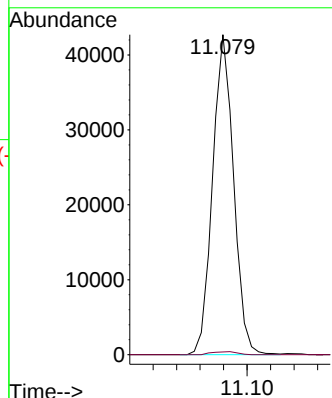
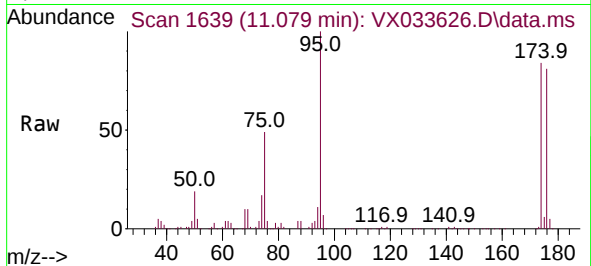




#76
1,2,3-Trichloropropane
Concen: 36.481 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX033626.D
Acq: 06 Jan 2023 13:29

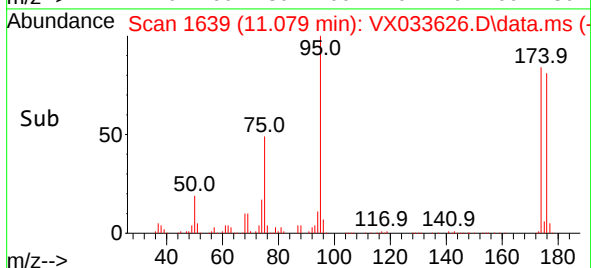
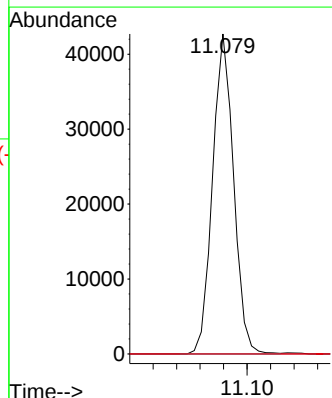
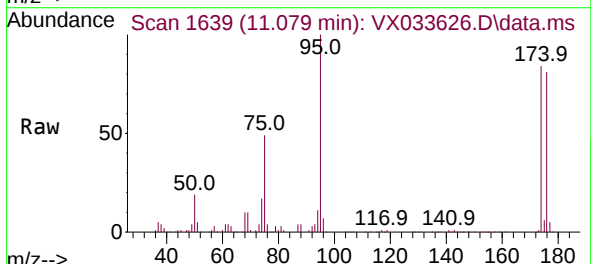
Instrument :
MSVOA_X
ClientSampleId :
PB050057ZHE#03

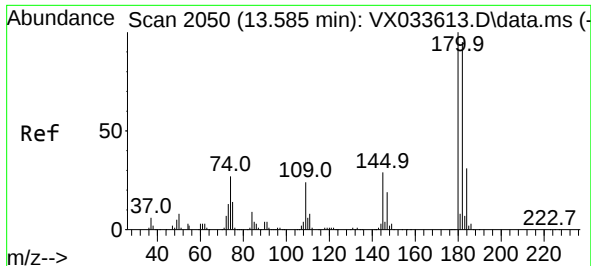
Tgt Ion: 75 Resp: 53100
Ion Ratio Lower Upper
75 100
77 1.1 21.3 63.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.726 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033626.D
Acq: 06 Jan 2023 13:29

Tgt Ion: 75 Resp: 53100
Ion Ratio Lower Upper
75 100
53 0.0 86.4 129.6#
89 0.0 37.4 56.2#





#93

1,2,4-Trichlorobenzene

Concen: 1.684 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX033626.D

Acq: 06 Jan 2023 13:29

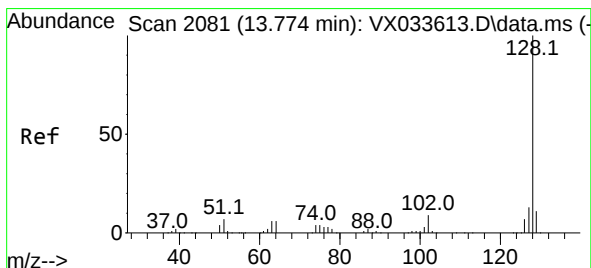
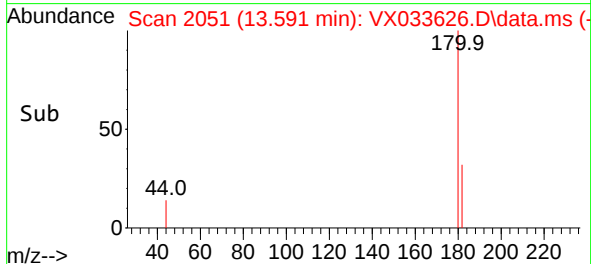
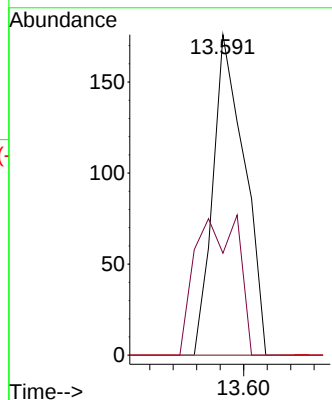
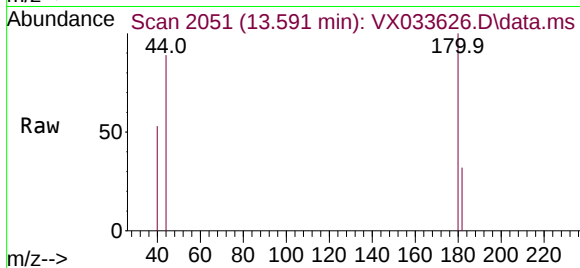
Instrument :

MSVOA_X

ClientSampleId :

PB050057ZHE#03

Tgt Ion:180	Resp:	164
Ion Ratio	Lower	Upper
180	100	
182	59.1	47.4 142.2
145	0.0	14.1 42.2#



#95

Naphthalene

Concen: 3.171 ug/l

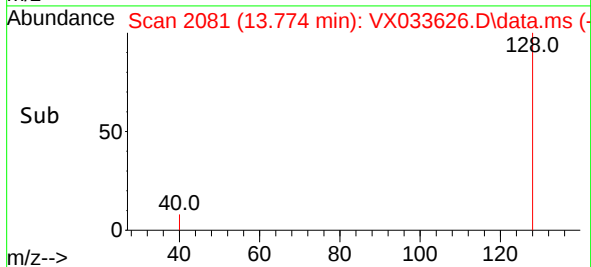
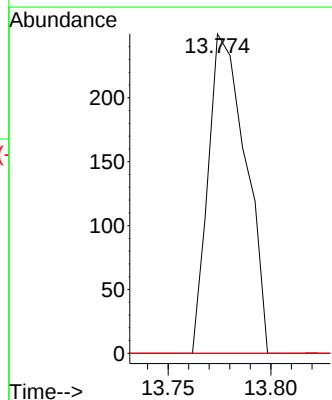
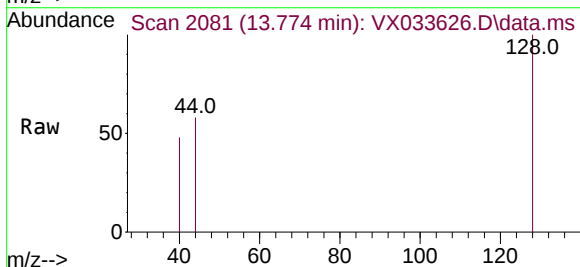
RT: 13.774 min Scan# 2081

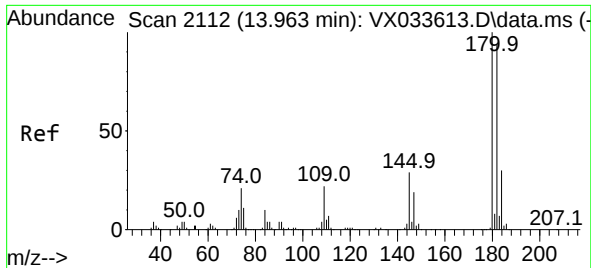
Delta R.T. 0.000 min

Lab File: VX033626.D

Acq: 06 Jan 2023 13:29

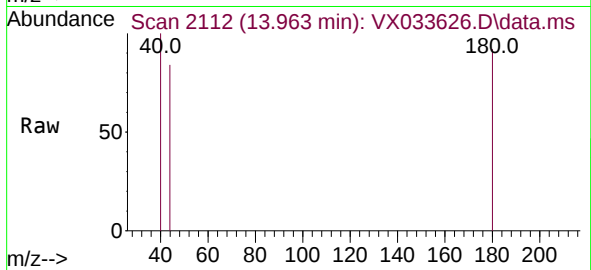
Tgt Ion:128	Resp:	318
Ion Ratio	Lower	Upper
128	100	
127	0.0	10.3 15.5#
129	0.0	9.0 13.4#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.818 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VX033626.D
 Acq: 06 Jan 2023 13:29

Instrument :
 MSVOA_X
 ClientSampleId :
 PB050057ZHE#03



Tgt Ion:180 Resp: 137
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.2 141.6#
 145 0.0 15.0 45.0#

