

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022522\
 Data File : VX027196.D
 Acq On : 25 Feb 2022 18:03
 Operator : JC/MD
 Sample : PB142919ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142919ZHE#01

Quant Time: Feb 25 23:19:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

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

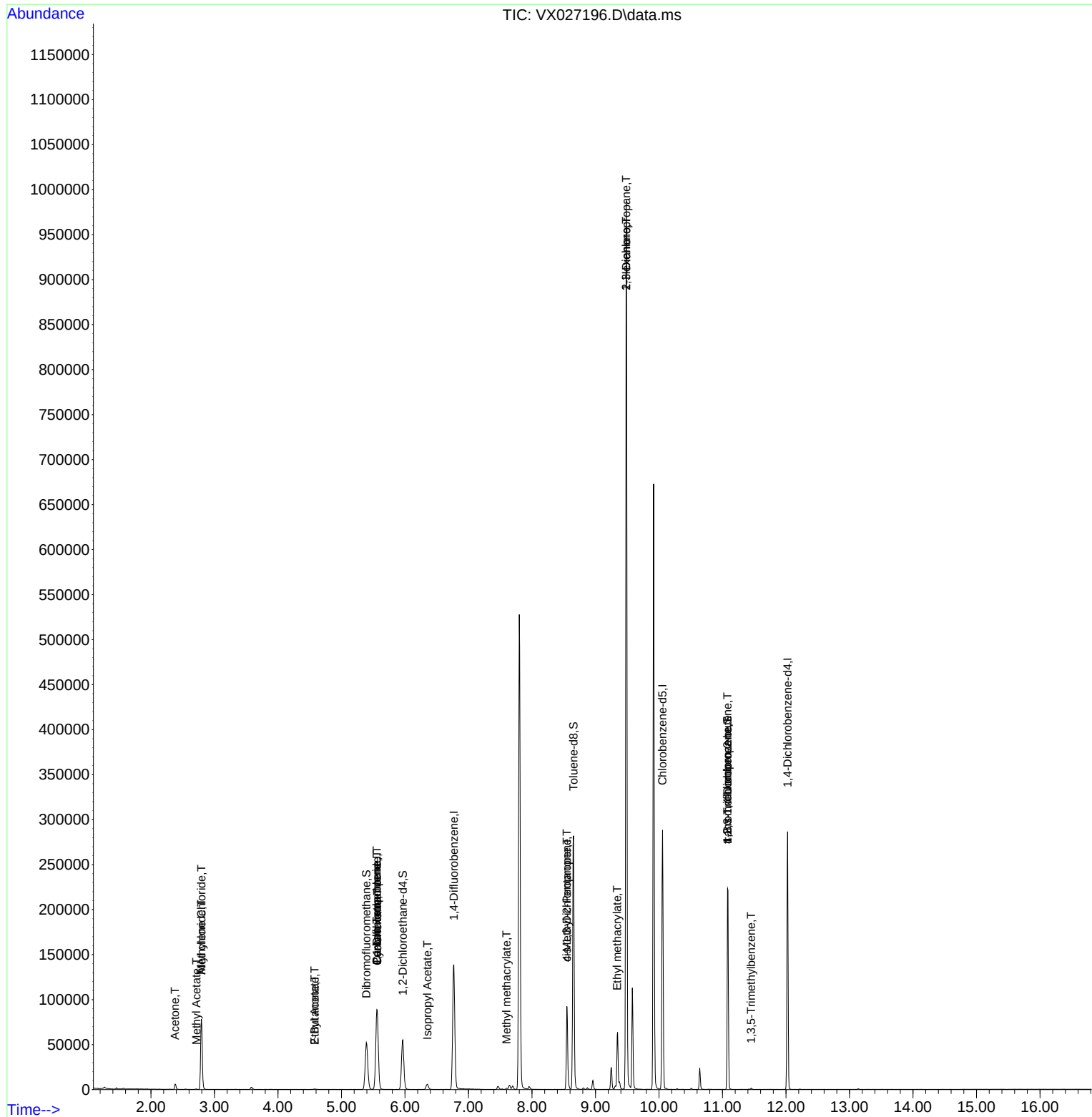
Internal Standards						
1) Pentafluorobenzene	5.556	168	88397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	145477	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	132672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59970	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	53296	50.201	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.400%
35) Dibromofluoromethane	5.391	113	45384	50.259	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.520%
50) Toluene-d8	8.653	98	169983	50.344	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.680%
62) 4-Bromofluorobenzene	11.079	95	63323	48.859	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.720%
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	19	Below Cal	#	2
14) Allyl chloride	2.794	41	1443	0.952	ug/l #	25
16) Acetone	2.380	43	6441	13.818	ug/l	100
18) Methyl Acetate	2.715	43	674	0.560	ug/l #	78
20) Methylene Chloride	2.794	84	35816	37.072	ug/l	94
25) 2-Butanone	4.574	43	1026	1.382	ug/l #	83
31) Cyclohexane	5.562	56	1546	0.972	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	6346	4.815	ug/l #	51
37) Ethyl Acetate	4.574	43	1026	0.709	ug/l #	69
38) Carbon Tetrachloride	5.556	117	8856	6.443	ug/l #	15
43) Isopropyl Acetate	6.355	43	8321	3.738	ug/l	99
48) Methyl methacrylate	7.598	41	2439	2.264	ug/l #	16
51) 4-Methyl-2-Pentanone	8.549	43	30325	20.961	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	14505	9.843	ug/l #	56
56) Ethyl methacrylate	9.342	69	334	0.219	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	8964	5.514	ug/l #	43
59) 2-Hexanone	9.482	43	118256	106.947	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	30749	25.456	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	879	0.244	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.079	75	30749	72.003	ug/l #	3

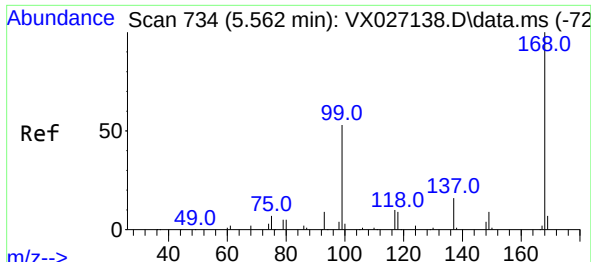
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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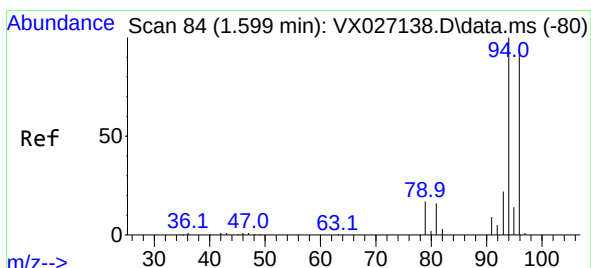
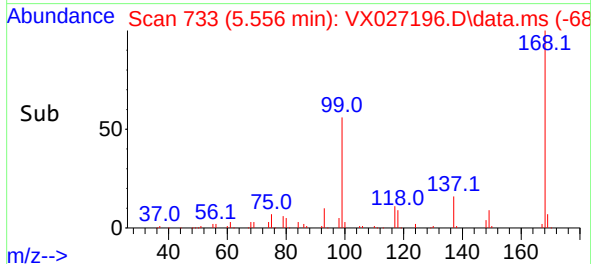
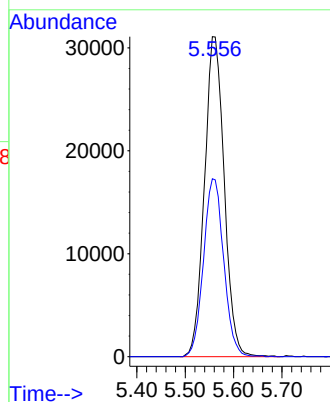
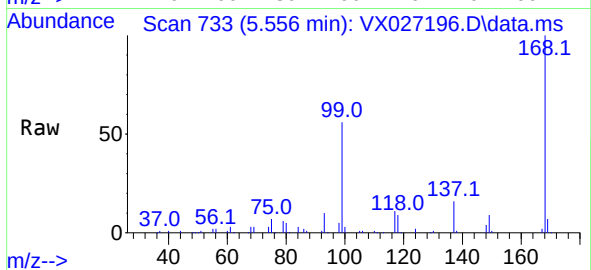




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027196.D
Acq: 25 Feb 2022 18:03

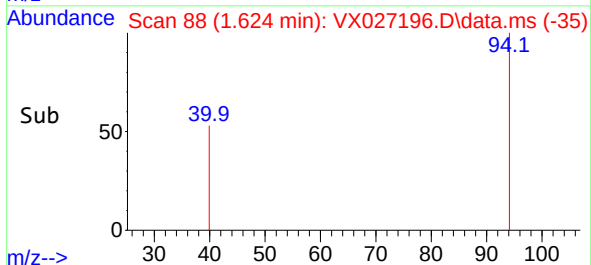
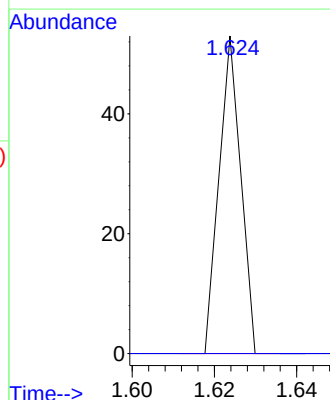
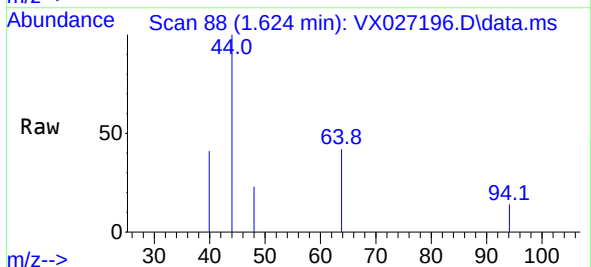
Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#01

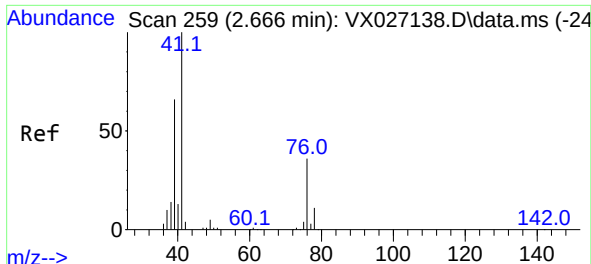
Tgt Ion:168 Resp: 88397
Ion Ratio Lower Upper
168 100
99 55.6 50.3 75.5



#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX027196.D
Acq: 25 Feb 2022 18:03

Tgt Ion: 94 Resp: 19
Ion Ratio Lower Upper
94 100
96 0.0 75.9 113.9#

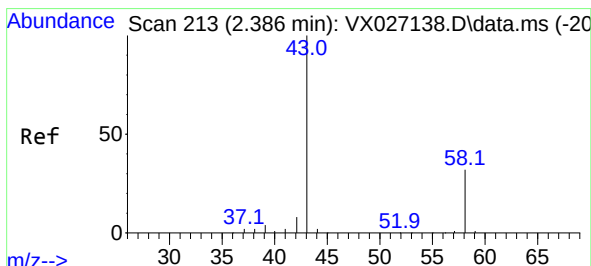
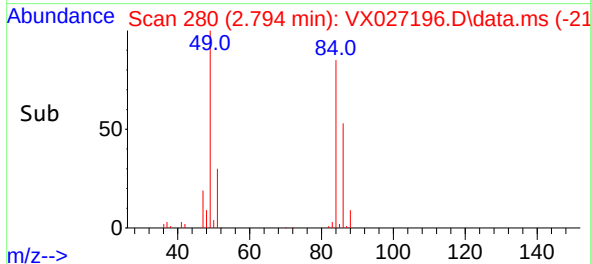
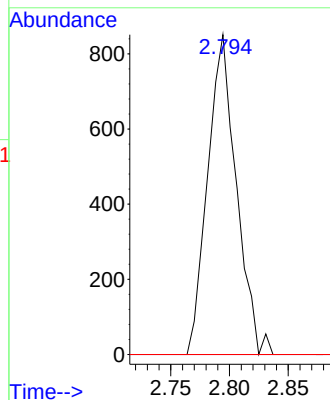
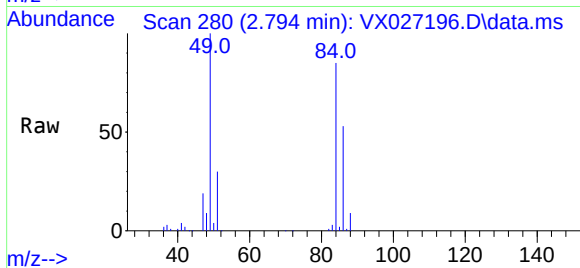




#14
 Allyl chloride
 Concen: 0.952 ug/l
 RT: 2.794 min Scan# 212
 Delta R.T. 0.128 min
 Lab File: VX027196.D
 Acq: 25 Feb 2022 18:03

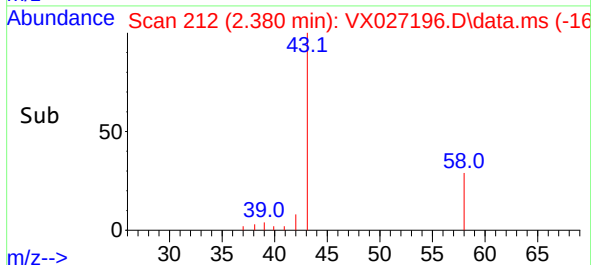
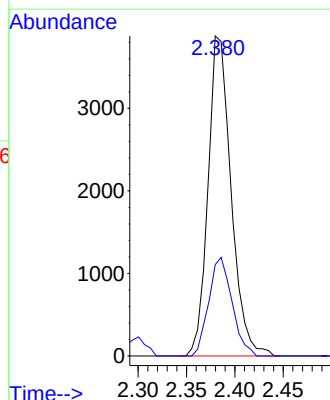
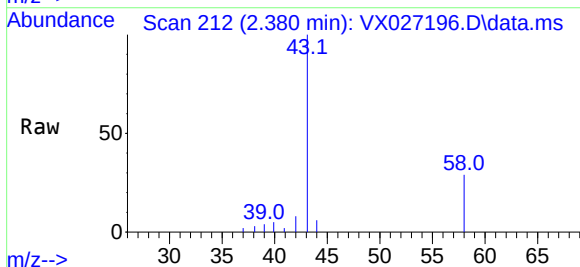
Instrument :
 MSVOA_X
 ClientSampleId :
 PB142919ZHE#01

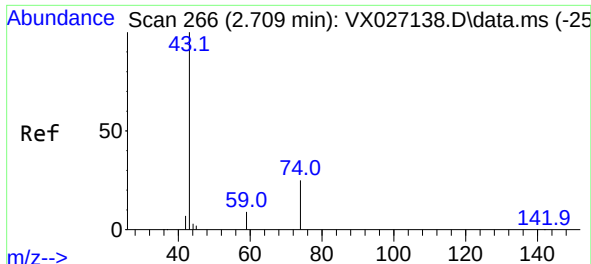
Tgt Ion: 41 Resp: 1443
 Ion Ratio Lower Upper
 41 100
 39 0.0 54.2 81.4#
 76 0.0 25.2 37.8#



#16
 Acetone
 Concen: 13.818 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. -0.006 min
 Lab File: VX027196.D
 Acq: 25 Feb 2022 18:03

Tgt Ion: 43 Resp: 6441
 Ion Ratio Lower Upper
 43 100
 58 28.6 23.0 34.6

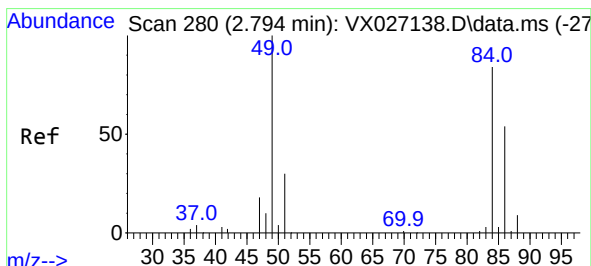
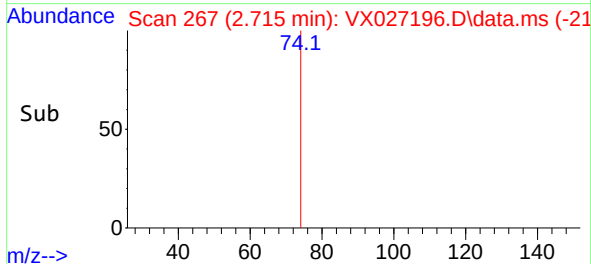
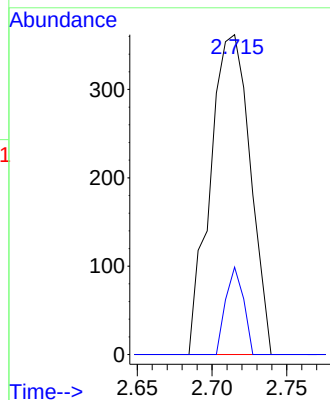
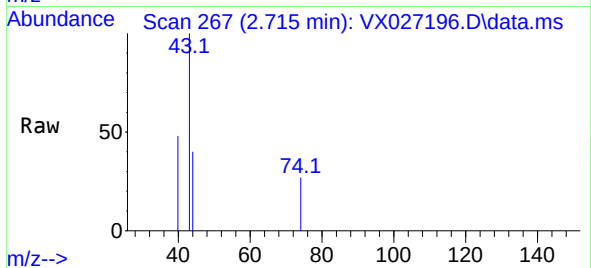




#18
Methyl Acetate
Concen: 0.560 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX027196.D
Acq: 25 Feb 2022 18:03

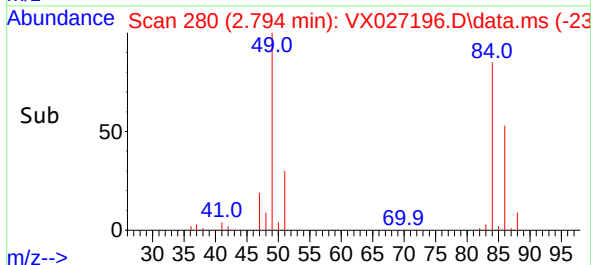
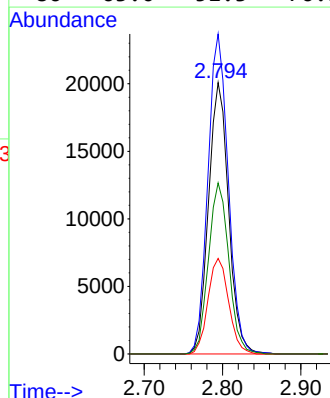
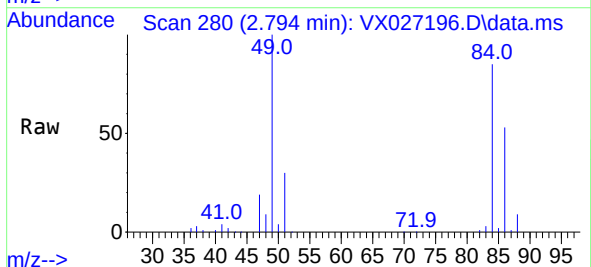
Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#01

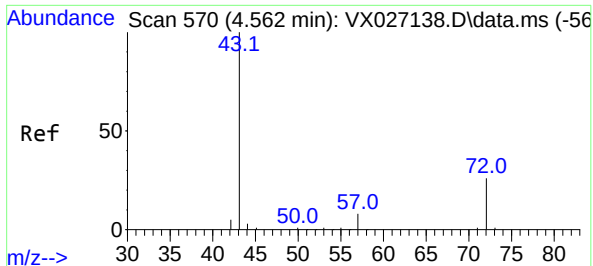
Tgt Ion: 43 Resp: 674
Ion Ratio Lower Upper
43 100
74 12.2 18.3 27.5#



#20
Methylene Chloride
Concen: 37.072 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX027196.D
Acq: 25 Feb 2022 18:03

Tgt Ion: 84 Resp: 35816
Ion Ratio Lower Upper
84 100
49 117.9 101.5 152.3
51 35.2 31.2 46.8
86 63.0 51.3 76.9





#25

2-Butanone

Concen: 1.382 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX027196.D

Acq: 25 Feb 2022 18:03

Instrument :

MSVOA_X

ClientSampleId :

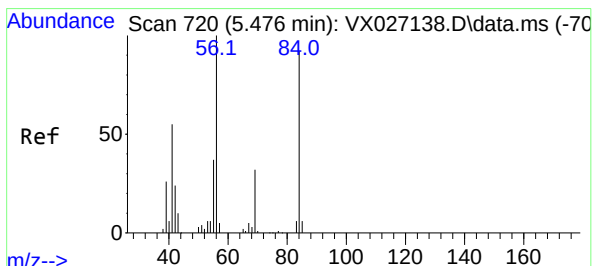
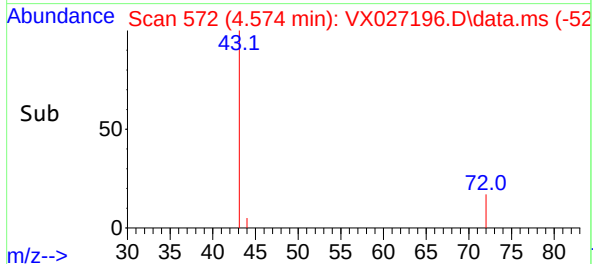
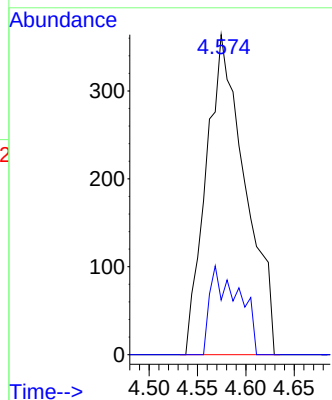
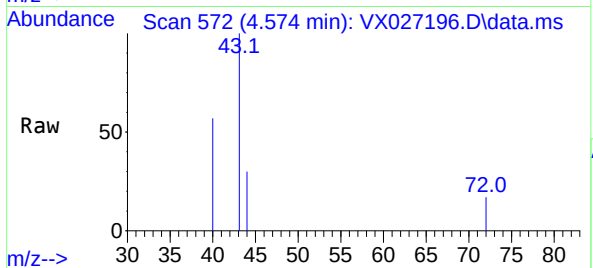
PB142919ZHE#01

Tgt Ion: 43 Resp: 1026

Ion Ratio Lower Upper

43 100

72 17.0 20.4 30.6#



#31

Cyclohexane

Concen: 0.972 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.086 min

Lab File: VX027196.D

Acq: 25 Feb 2022 18:03

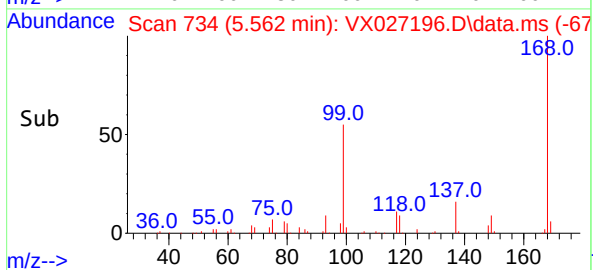
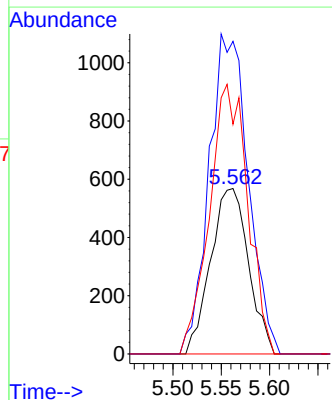
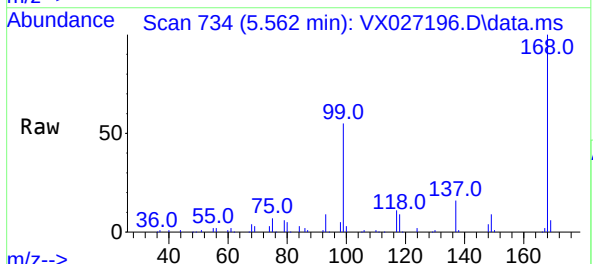
Tgt Ion: 56 Resp: 1546

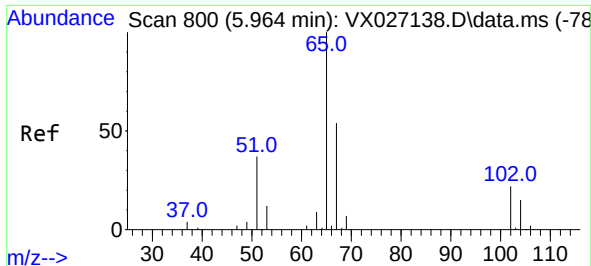
Ion Ratio Lower Upper

56 100

69 189.1 25.8 38.6#

84 138.9 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 50.201 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX027196.D

Acq: 25 Feb 2022 18:03

Instrument :

MSVOA_X

ClientSampleId :

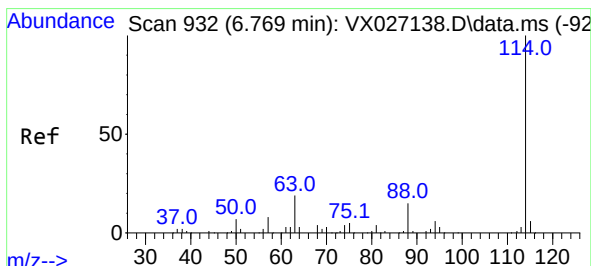
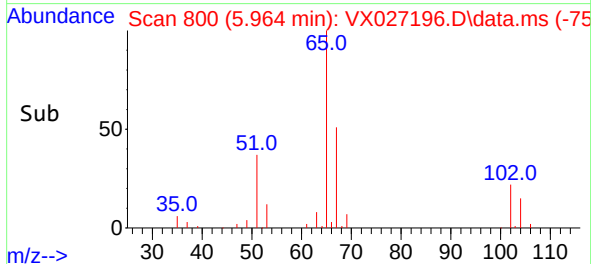
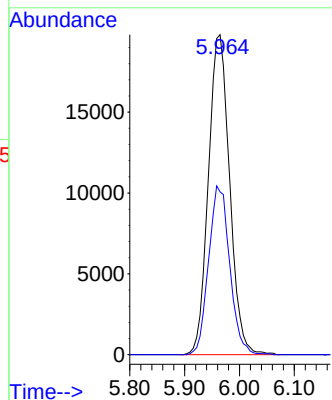
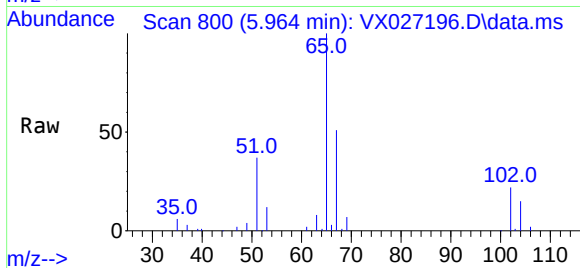
PB142919ZHE#01

Tgt Ion: 65 Resp: 53296

Ion Ratio Lower Upper

65 100

67 52.3 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX027196.D

Acq: 25 Feb 2022 18:03

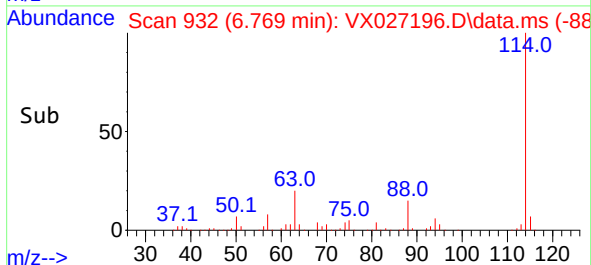
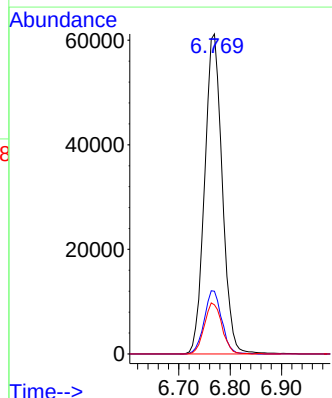
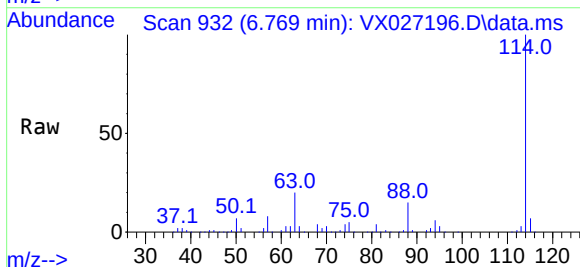
Tgt Ion: 114 Resp: 145477

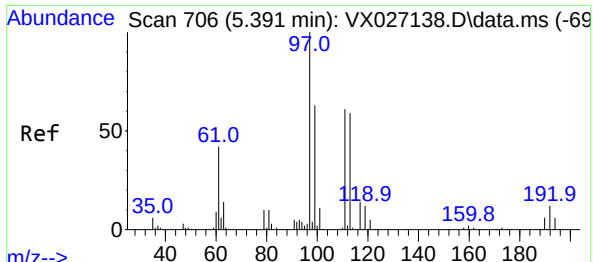
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.8

88 15.3 0.0 33.0



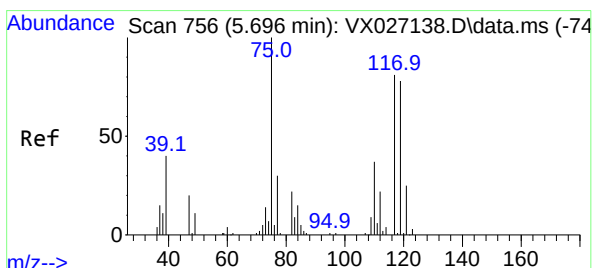
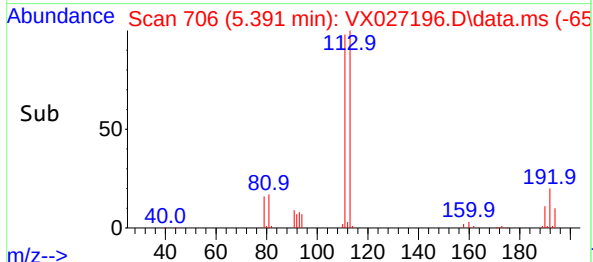
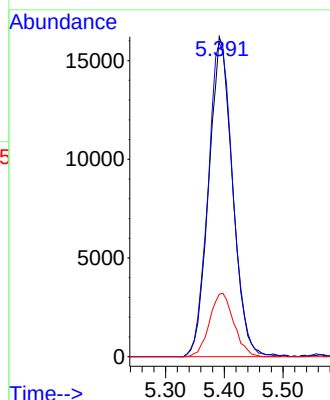
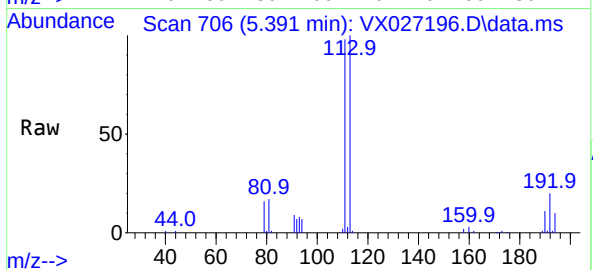


#35
Dibromofluoromethane
Concen: 50.259 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027196.D
Acq: 25 Feb 2022 18:03

Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#01

Tgt Ion:113 Resp: 45384

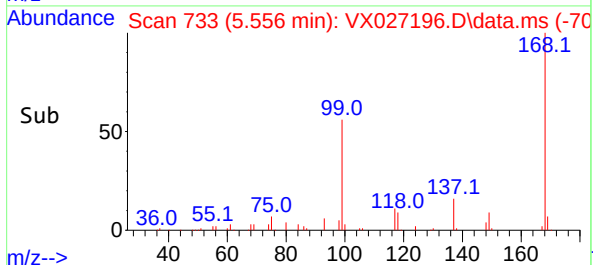
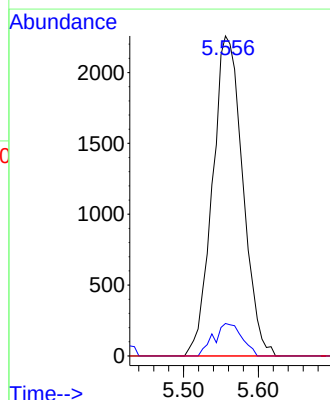
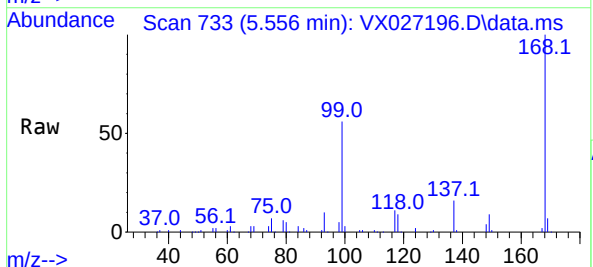
Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.2	121.8
192	20.3	15.0	22.4

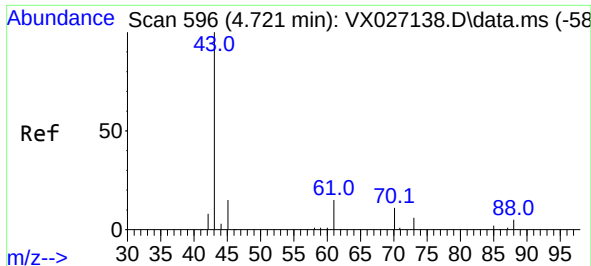


#36
1,1-Dichloropropene
Concen: 4.815 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027196.D
Acq: 25 Feb 2022 18:03

Tgt Ion: 75 Resp: 6346

Ion	Ratio	Lower	Upper
75	100		
110	9.5	17.2	51.6#
77	0.0	24.6	36.8#





#37

Ethyl Acetate

Concen: 0.709 ug/l

RT: 4.574 min Scan# 51

Delta R.T. -0.147 min

Lab File: VX027196.D

Acq: 25 Feb 2022 18:03

Instrument :

MSVOA_X

ClientSampleId :

PB142919ZHE#01

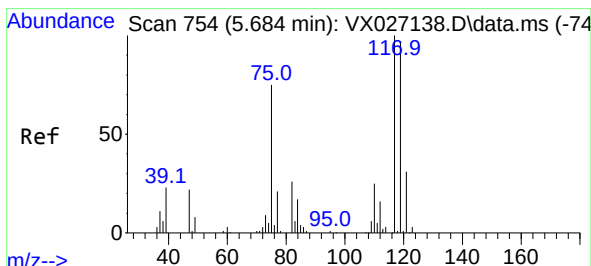
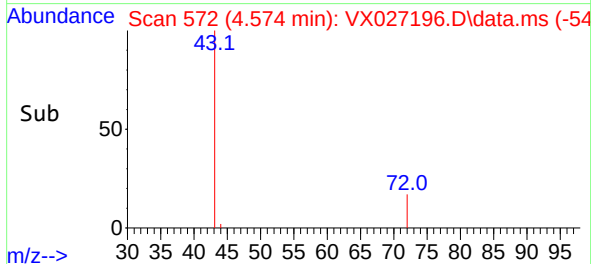
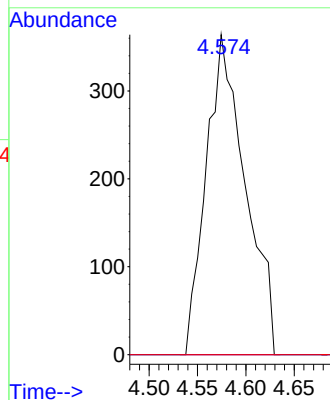
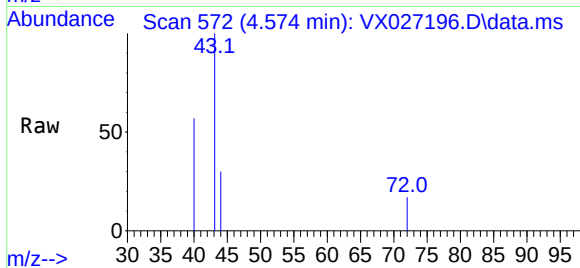
Tgt Ion: 43 Resp: 1026

Ion Ratio Lower Upper

43 100

61 0.0 10.6 16.0#

70 0.0 8.5 12.7#



#38

Carbon Tetrachloride

Concen: 6.443 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX027196.D

Acq: 25 Feb 2022 18:03

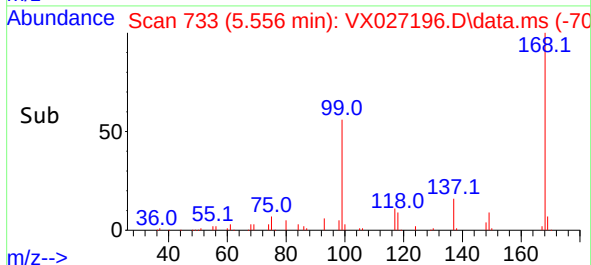
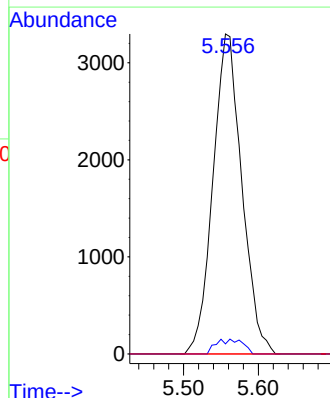
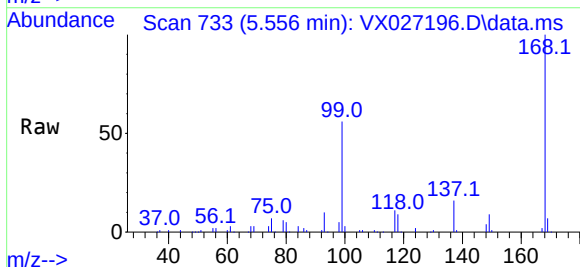
Tgt Ion: 117 Resp: 8856

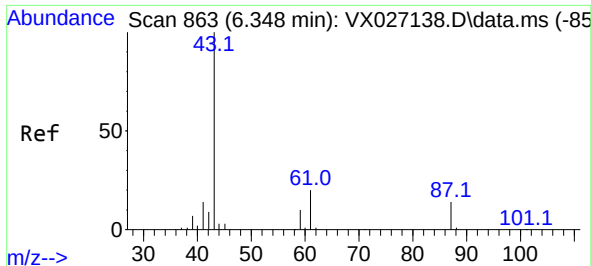
Ion Ratio Lower Upper

117 100

119 3.1 74.7 112.1#

121 0.0 25.4 38.0#

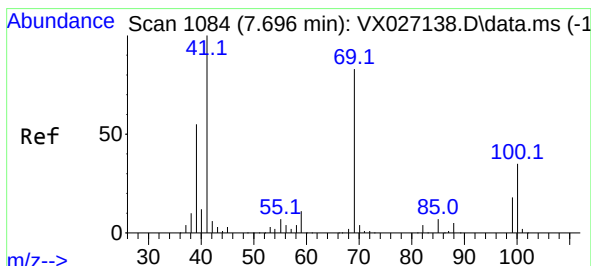
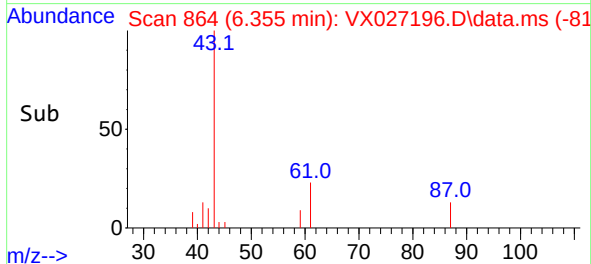
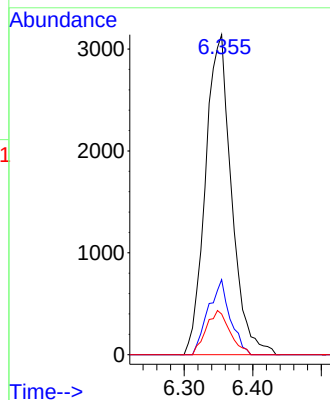
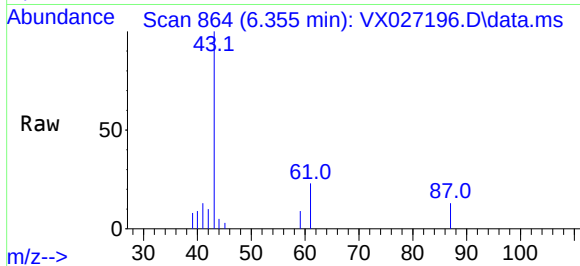




#43
Isopropyl Acetate
Concen: 3.738 ug/l
RT: 6.355 min Scan# 80
Delta R.T. 0.007 min
Lab File: VX027196.D
Acq: 25 Feb 2022 18:03

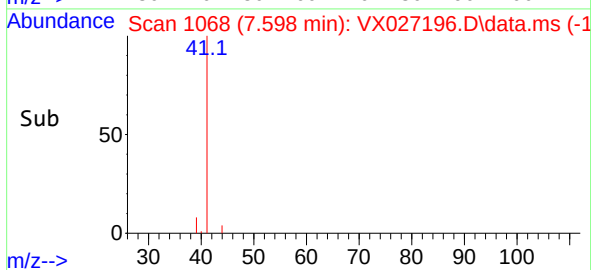
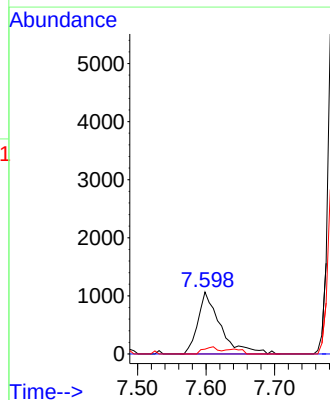
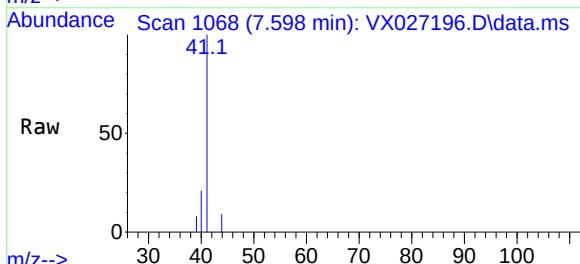
Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#01

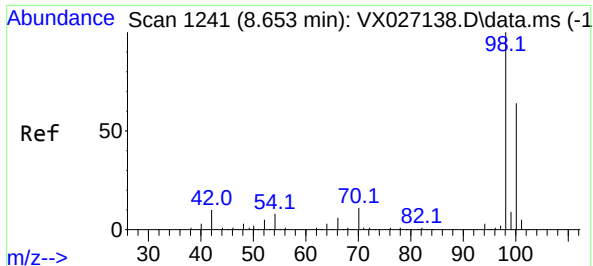
Tgt Ion: 43 Resp: 8321
Ion Ratio Lower Upper
43 100
61 19.8 15.4 23.0
87 12.6 10.2 15.2



#48
Methyl methacrylate
Concen: 2.264 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX027196.D
Acq: 25 Feb 2022 18:03

Tgt Ion: 41 Resp: 2439
Ion Ratio Lower Upper
41 100
69 0.0 62.2 93.4#
39 0.0 45.4 68.0#

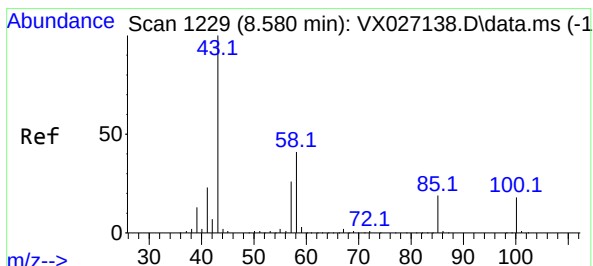
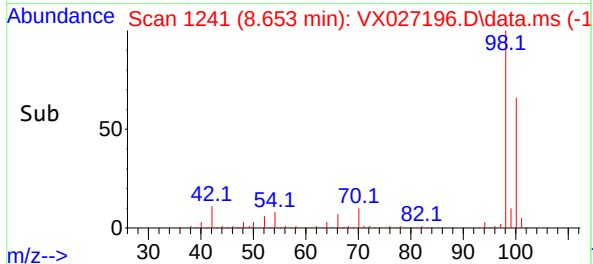
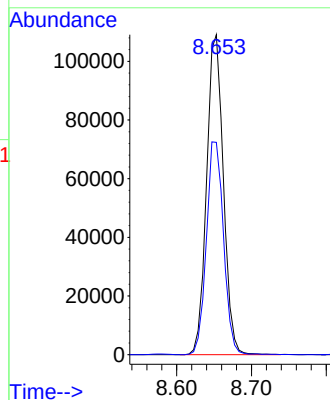
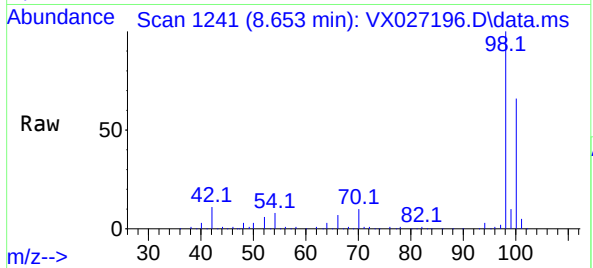




#50
Toluene-d8
Concen: 50.344 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027196.D
Acq: 25 Feb 2022 18:03

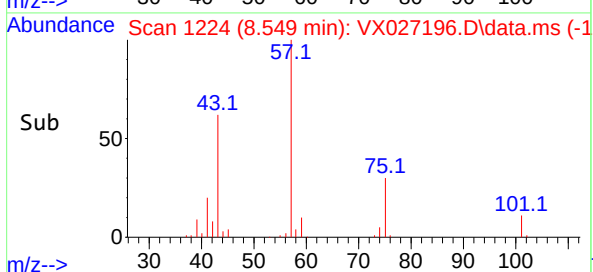
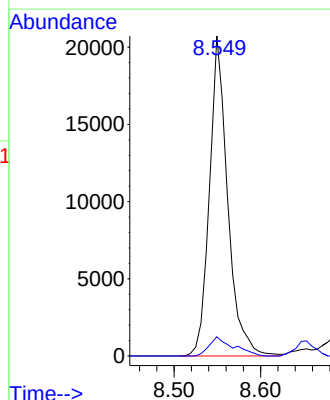
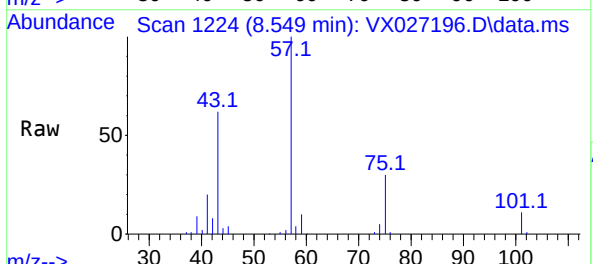
Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#01

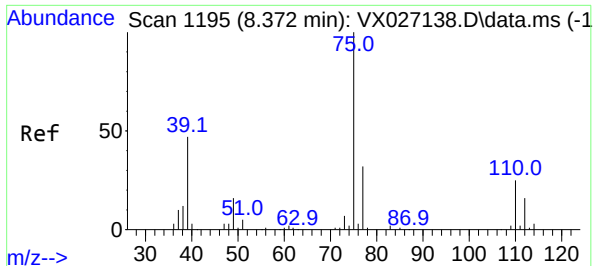
Tgt Ion: 98 Resp: 169983
Ion Ratio Lower Upper
98 100
100 68.2 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 20.961 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.031 min
Lab File: VX027196.D
Acq: 25 Feb 2022 18:03

Tgt Ion: 43 Resp: 30325
Ion Ratio Lower Upper
43 100
58 7.9 30.5 45.7#

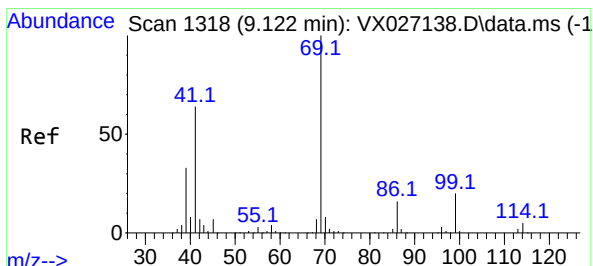
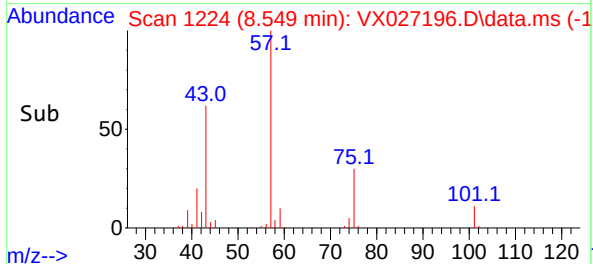
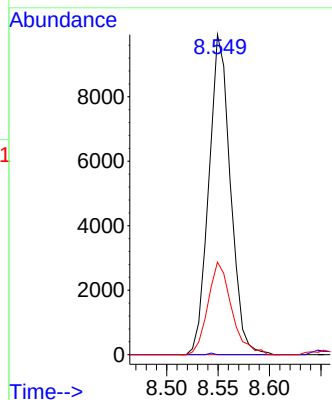
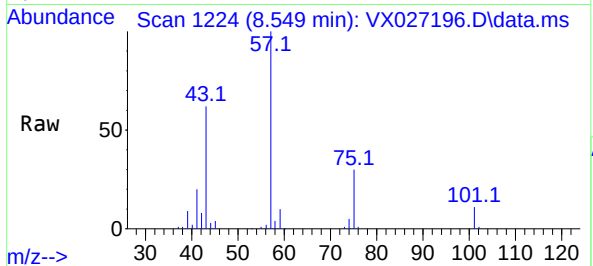




#54
 cis-1,3-Dichloropropene
 Concen: 9.843 ug/l
 RT: 8.549 min Scan# 1195
 Delta R.T. 0.177 min
 Lab File: VX027196.D
 Acq: 25 Feb 2022 18:03

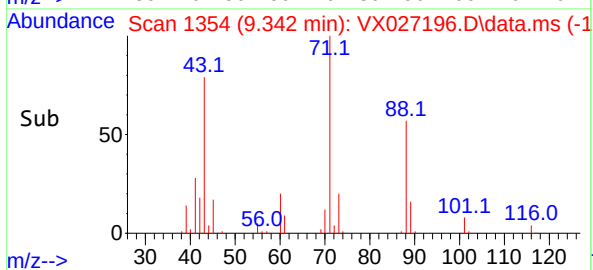
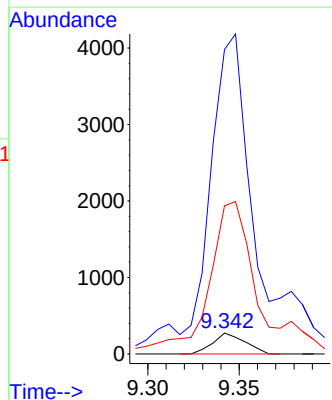
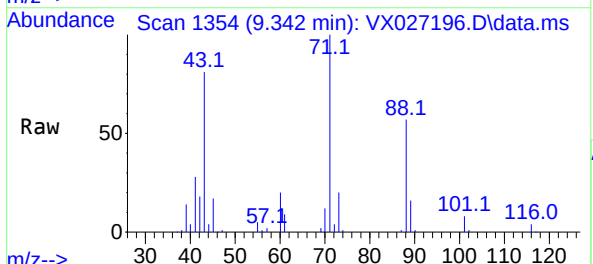
Instrument :
 MSVOA_X
 ClientSampleId :
 PB142919ZHE#01

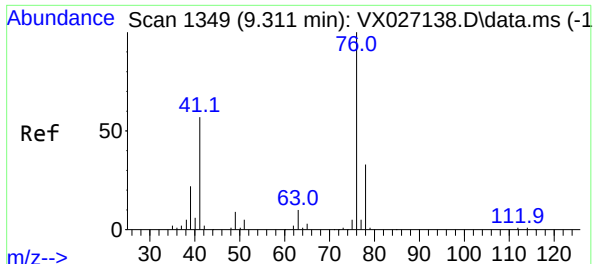
Tgt Ion: 75 Resp: 14505
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.2 39.2#
 39 28.9 43.5 65.3#



#56
 Ethyl methacrylate
 Concen: 0.219 ug/l
 RT: 9.342 min Scan# 1354
 Delta R.T. 0.220 min
 Lab File: VX027196.D
 Acq: 25 Feb 2022 18:03

Tgt Ion: 69 Resp: 334
 Ion Ratio Lower Upper
 69 100
 41 2126.0 57.2 85.8#
 39 1121.0 30.9 46.3#

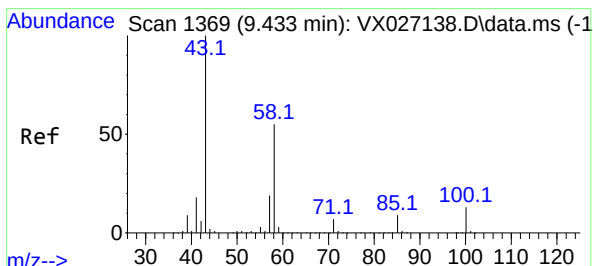
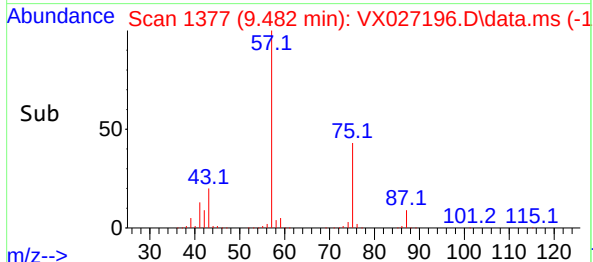
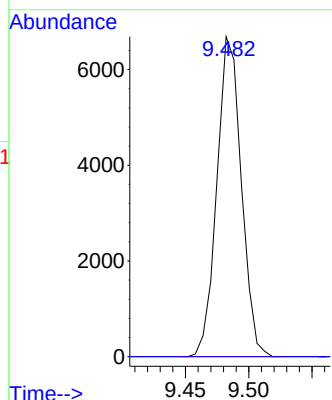
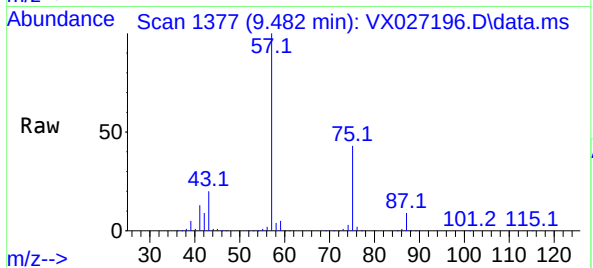




#57
1,3-Dichloropropane
Concen: 5.514 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX027196.D
Acq: 25 Feb 2022 18:03

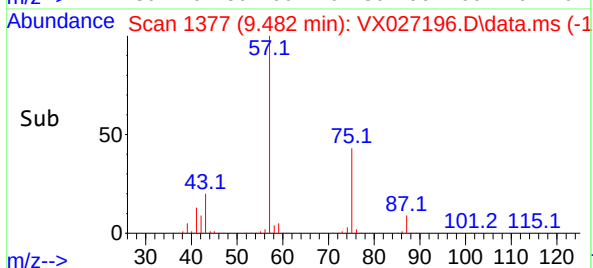
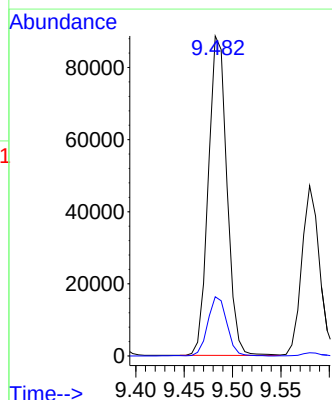
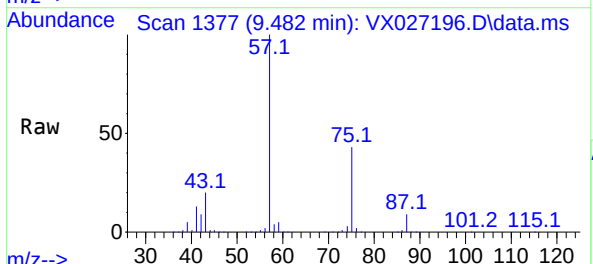
Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#01

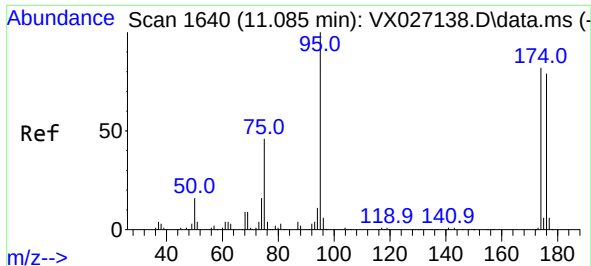
Tgt Ion: 76 Resp: 8964
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



#59
2-Hexanone
Concen: 106.947 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX027196.D
Acq: 25 Feb 2022 18:03

Tgt Ion: 43 Resp: 118256
Ion Ratio Lower Upper
43 100
58 19.2 26.4 79.2#

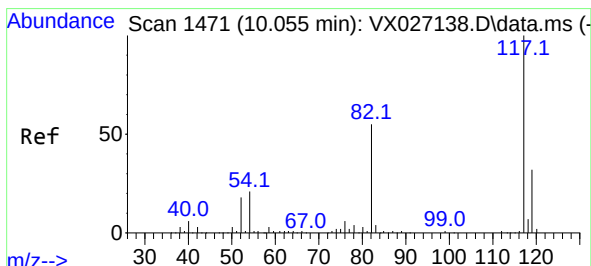
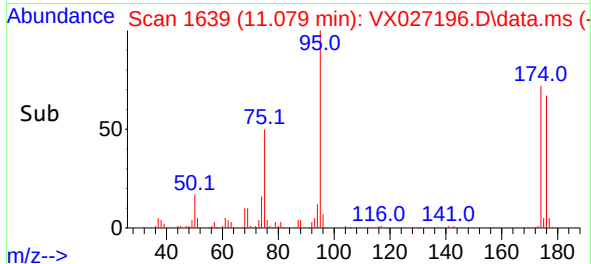
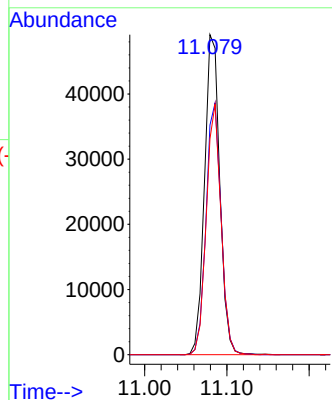
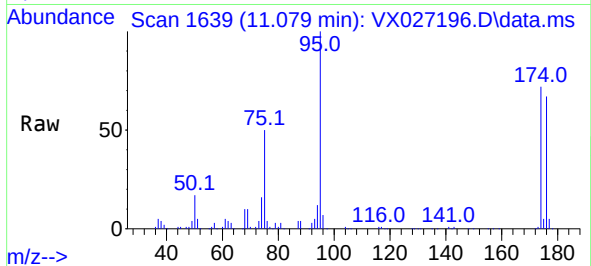




#62
4-Bromofluorobenzene
Concen: 48.859 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027196.D
Acq: 25 Feb 2022 18:03

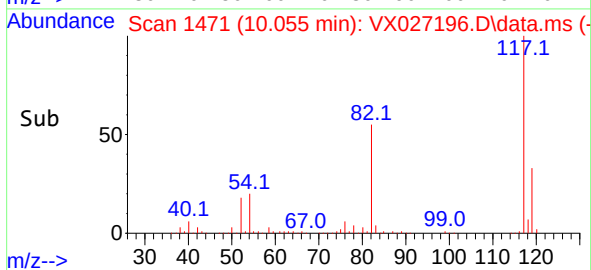
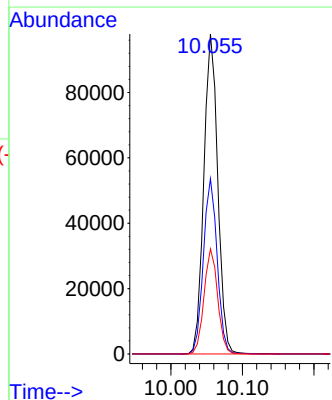
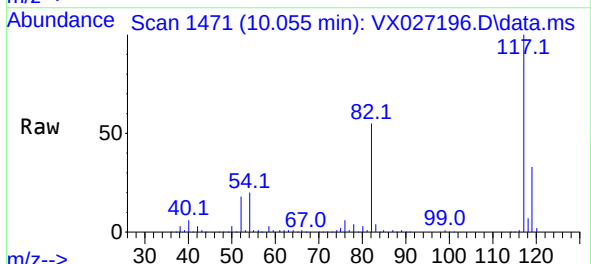
Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#01

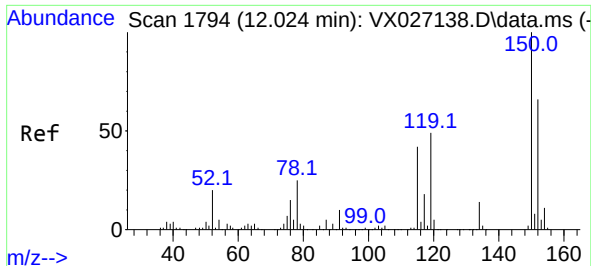
Tgt Ion: 95 Resp: 63323
Ion Ratio Lower Upper
95 100
174 77.4 0.0 148.6
176 75.6 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027196.D
Acq: 25 Feb 2022 18:03

Tgt Ion: 117 Resp: 132672
Ion Ratio Lower Upper
117 100
82 54.8 45.2 67.8
119 32.9 26.2 39.2

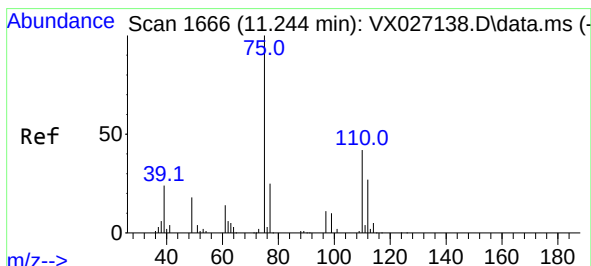
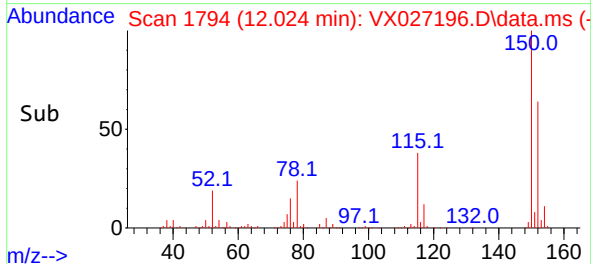
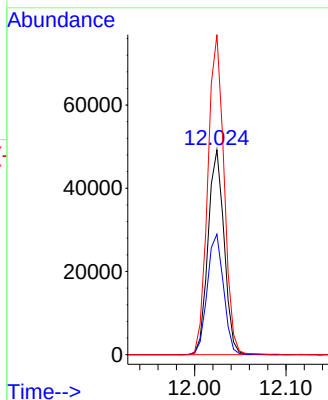
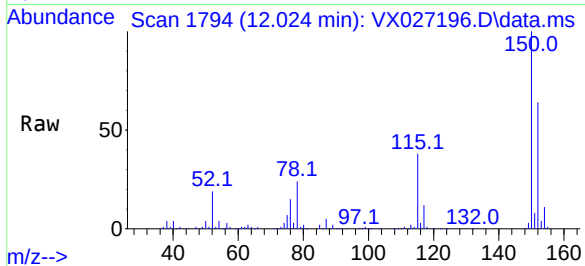




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027196.D
Acq: 25 Feb 2022 18:03

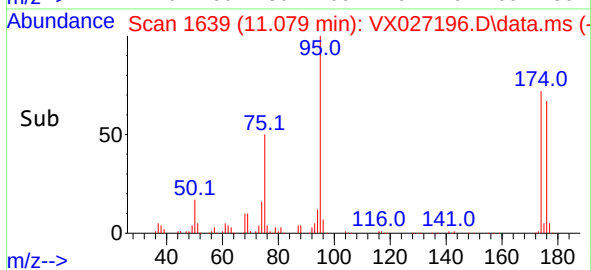
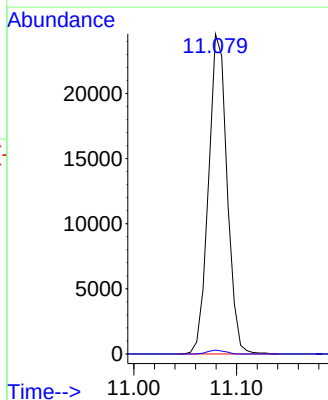
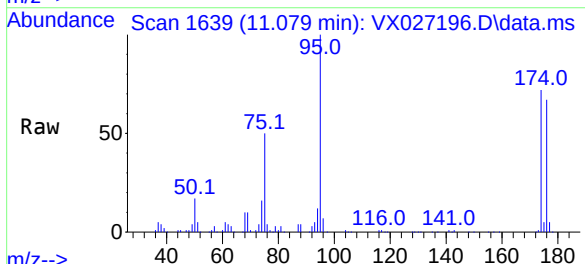
Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#01

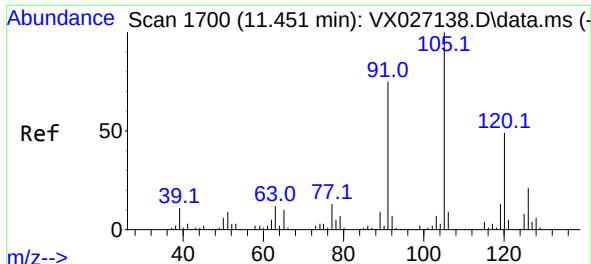
Tgt Ion:152 Resp: 59970
Ion Ratio Lower Upper
152 100
115 59.8 44.2 132.6
150 157.9 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 25.456 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027196.D
Acq: 25 Feb 2022 18:03

Tgt Ion: 75 Resp: 30749
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#

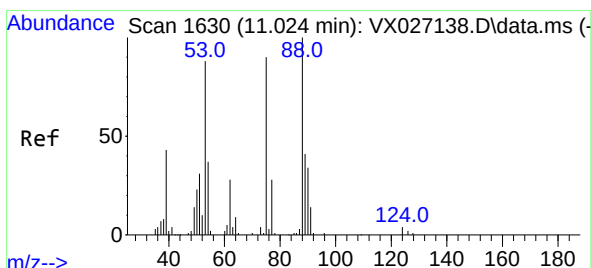
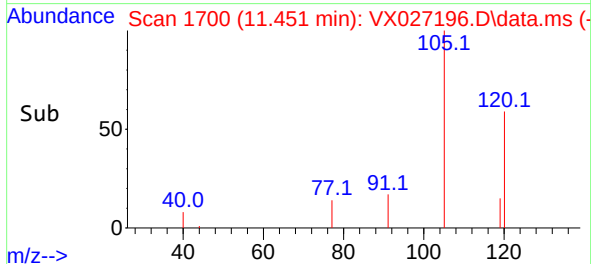
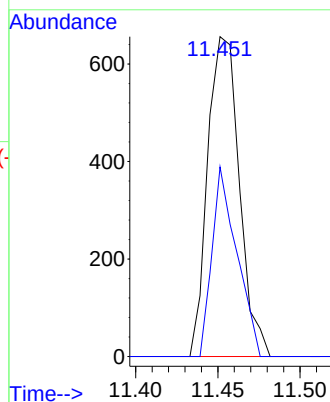
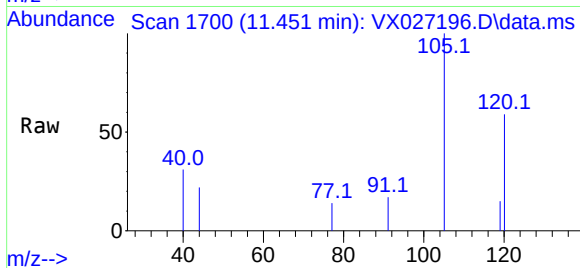




#80
1,3,5-Trimethylbenzene
Concen: 0.244 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027196.D
Acq: 25 Feb 2022 18:03

Instrument :
MSVOA_X
ClientSampleId :
PB142919ZHE#01

Tgt Ion:105 Resp: 879
Ion Ratio Lower Upper
105 100
120 46.3 24.0 72.0



#81
trans-1,4-Dichloro-2-butene
Concen: 72.003 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX027196.D
Acq: 25 Feb 2022 18:03

Tgt Ion: 75 Resp: 30749
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

