

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022522\
 Data File : VX027195.D
 Acq On : 25 Feb 2022 17:40
 Operator : JC/MD
 Sample : PB142919TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142919TB

Quant Time: Feb 25 23:18:55 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)

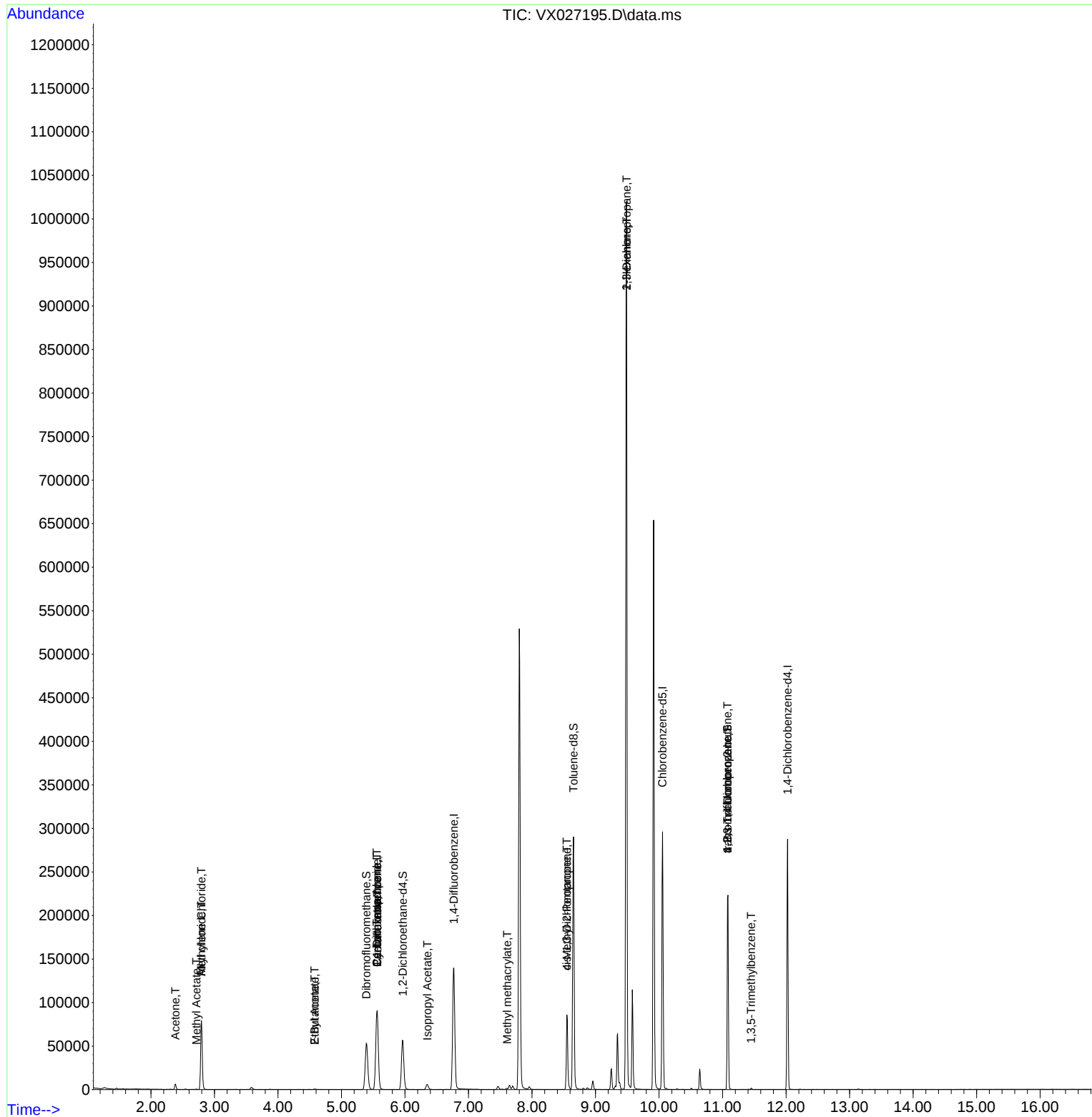
Internal Standards						
1) Pentafluorobenzene	5.562	168	89750	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	148162	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	54360	50.431	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.860%			
35) Dibromofluoromethane	5.391	113	46690	50.768	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.540%			
50) Toluene-d8	8.653	98	172508	50.166	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.340%			
62) 4-Bromofluorobenzene	11.079	95	63659	48.228	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.460%			
Target Compounds						Qvalue
5) Bromomethane	1.617	94	135	Below Cal	#	2
14) Allyl chloride	2.794	41	1365	0.887	ug/l #	25
16) Acetone	2.386	43	6395	13.513	ug/l	91
18) Methyl Acetate	2.715	43	612	0.501	ug/l #	78
20) Methylene Chloride	2.794	84	35302	35.989	ug/l	93
25) 2-Butanone	4.574	43	1014	1.345	ug/l #	64
31) Cyclohexane	5.562	56	1622	1.005	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	6319	4.708	ug/l #	50
37) Ethyl Acetate	4.574	43	1014	0.688	ug/l #	69
38) Carbon Tetrachloride	5.556	117	8884	6.346	ug/l #	18
43) Isopropyl Acetate	6.354	43	8058	3.555	ug/l	98
48) Methyl methacrylate	7.610	41	2313	2.108	ug/l #	16
51) 4-Methyl-2-Pentanone	8.549	43	29362	19.927	ug/l #	51
54) cis-1,3-Dichloropropene	8.549	75	13981	9.316	ug/l #	58
57) 1,3-Dichloropropane	9.488	76	9467	5.718	ug/l #	43
59) 2-Hexanone	9.488	43	123921	110.039	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	30423	25.490	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	910	0.255	ug/l	92
81) trans-1,4-Dichloro-2-b...	11.079	75	30423	72.094	ug/l #	3

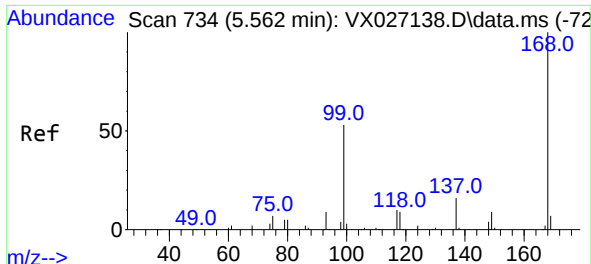
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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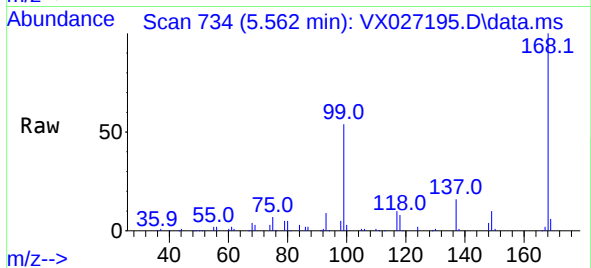
Quant Time: Feb 25 23:18:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
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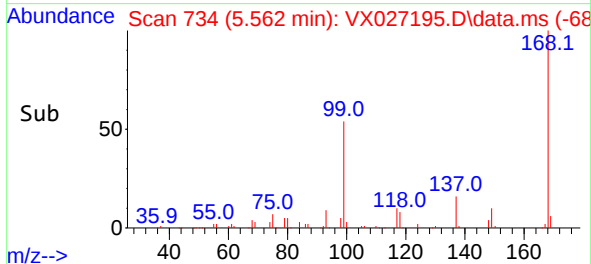
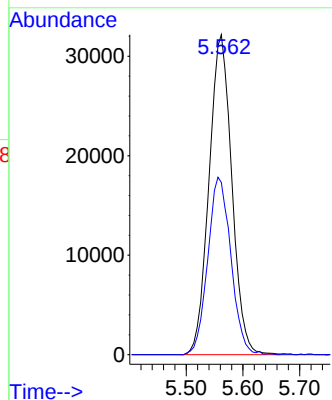


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027195.D
Acq: 25 Feb 2022 17:40

Instrument :
MSVOA_X
ClientSampleId :
PB142919TB

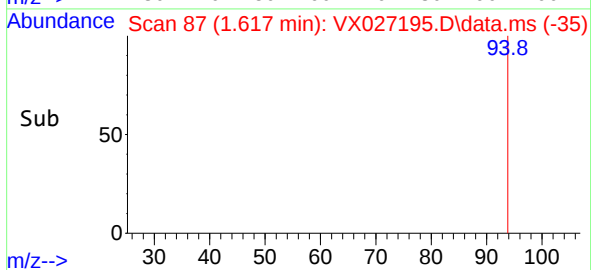
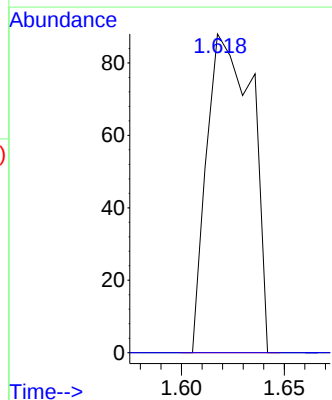
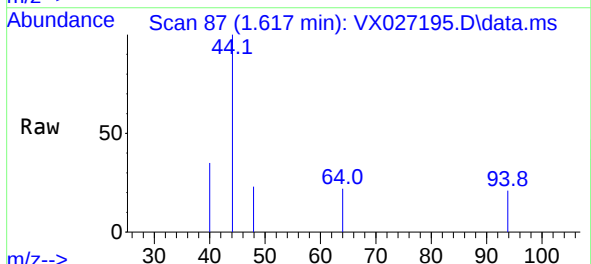


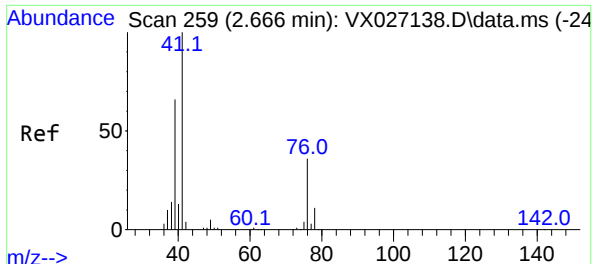
Tgt Ion:168 Resp: 89750
Ion Ratio Lower Upper
168 100
99 53.9 50.3 75.5



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX027195.D
Acq: 25 Feb 2022 17:40

Tgt Ion: 94 Resp: 135
Ion Ratio Lower Upper
94 100
96 0.0 75.9 113.9#

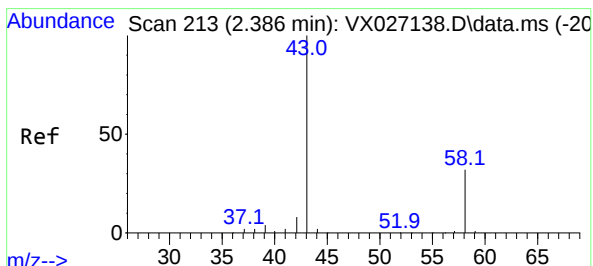
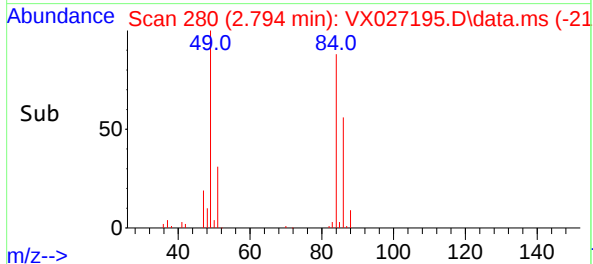
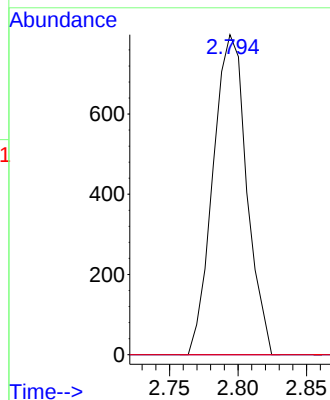
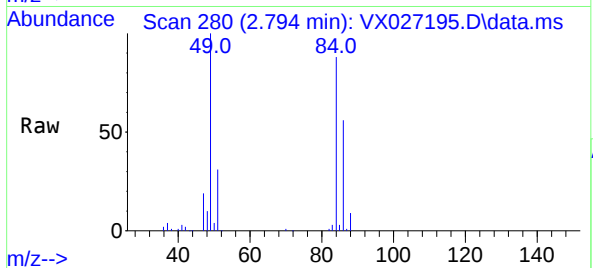




#14
 Allyl chloride
 Concen: 0.887 ug/l
 RT: 2.794 min Scan# 213
 Delta R.T. 0.128 min
 Lab File: VX027195.D
 Acq: 25 Feb 2022 17:40

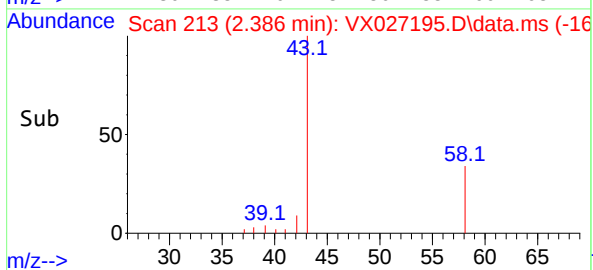
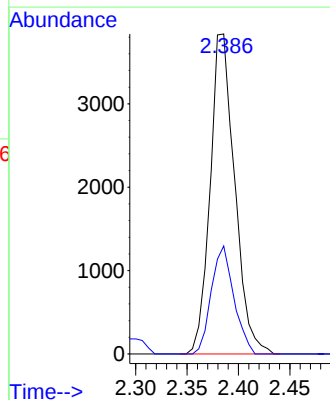
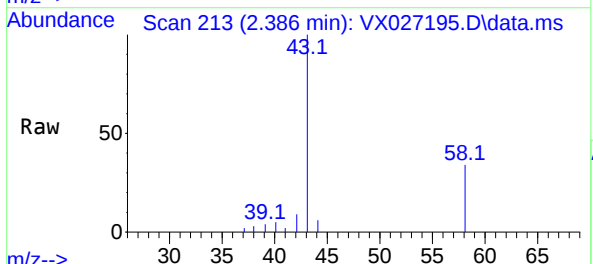
Instrument :
 MSVOA_X
 ClientSampleId :
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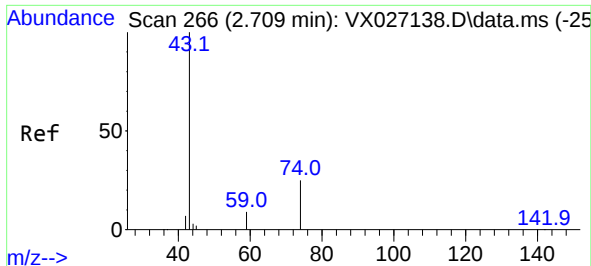
Tgt Ion: 41 Resp: 1365
 Ion Ratio Lower Upper
 41 100
 39 0.0 54.2 81.4#
 76 0.0 25.2 37.8#



#16
 Acetone
 Concen: 13.513 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VX027195.D
 Acq: 25 Feb 2022 17:40

Tgt Ion: 43 Resp: 6395
 Ion Ratio Lower Upper
 43 100
 58 33.8 23.0 34.6

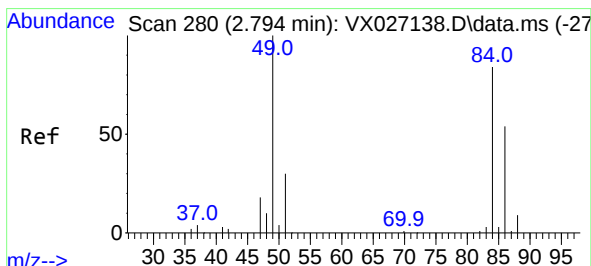
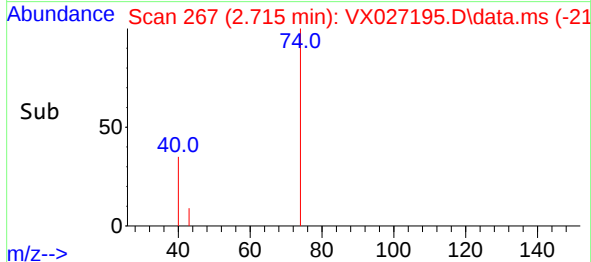
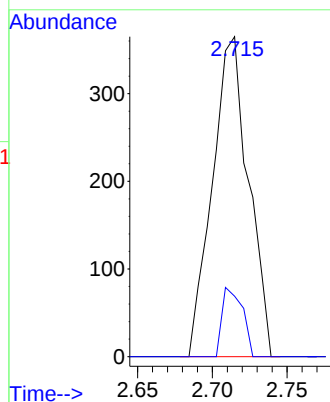
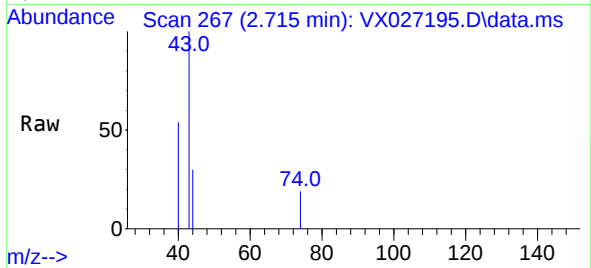




#18
Methyl Acetate
Concen: 0.501 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX027195.D
Acq: 25 Feb 2022 17:40

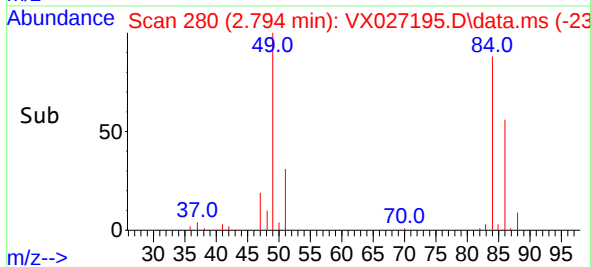
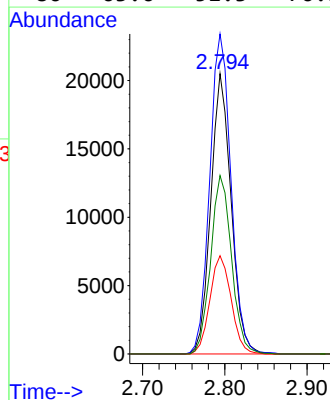
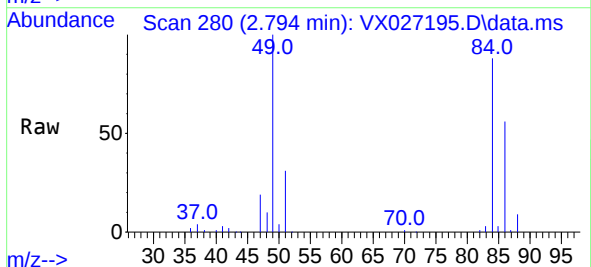
Instrument :
MSVOA_X
ClientSampleId :
PB142919TB

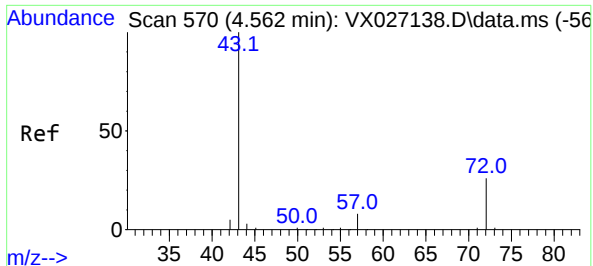
Tgt Ion: 43 Resp: 612
Ion Ratio Lower Upper
43 100
74 12.1 18.3 27.5#



#20
Methylene Chloride
Concen: 35.989 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX027195.D
Acq: 25 Feb 2022 17:40

Tgt Ion: 84 Resp: 35302
Ion Ratio Lower Upper
84 100
49 114.2 101.5 152.3
51 35.0 31.2 46.8
86 63.6 51.3 76.9





#25

2-Butanone

Concen: 1.345 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX027195.D

Acq: 25 Feb 2022 17:40

Instrument :

MSVOA_X

ClientSampleId :

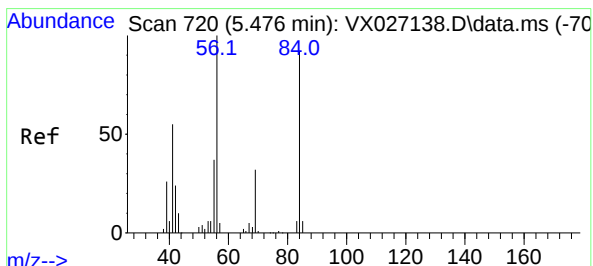
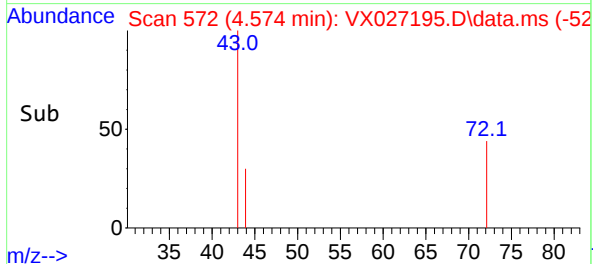
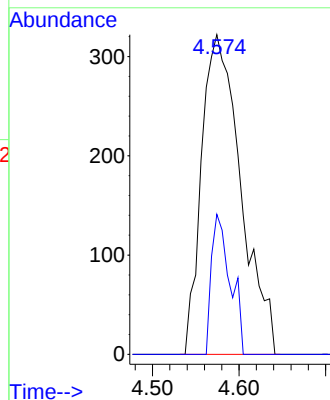
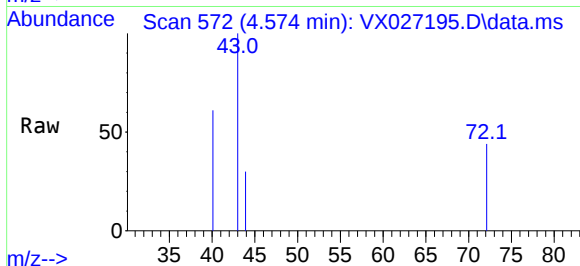
PB142919TB

Tgt Ion: 43 Resp: 1014

Ion Ratio Lower Upper

43 100

72 43.8 20.4 30.6#



#31

Cyclohexane

Concen: 1.005 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.086 min

Lab File: VX027195.D

Acq: 25 Feb 2022 17:40

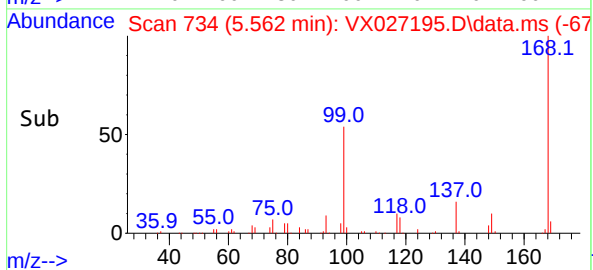
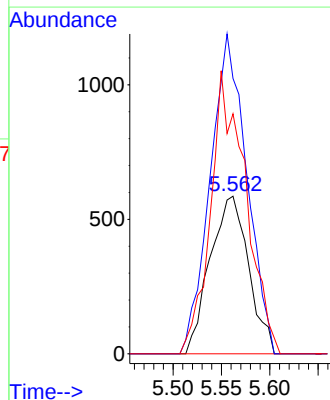
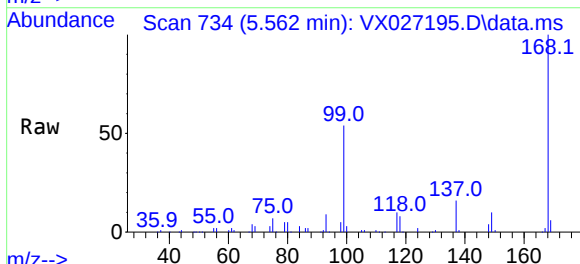
Tgt Ion: 56 Resp: 1622

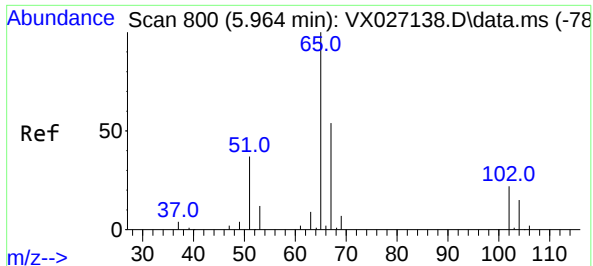
Ion Ratio Lower Upper

56 100

69 174.7 25.8 38.6#

84 152.2 68.9 103.3#

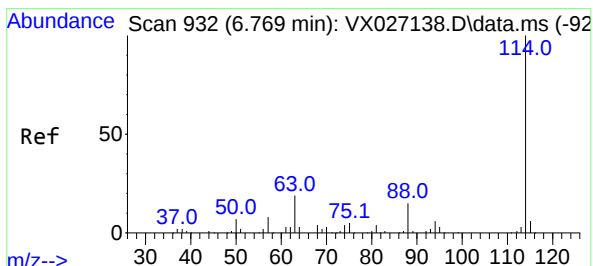
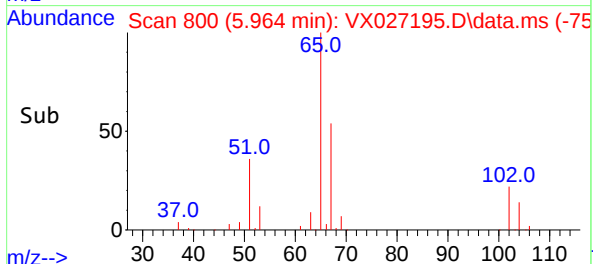
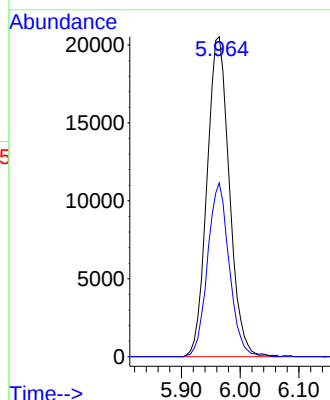
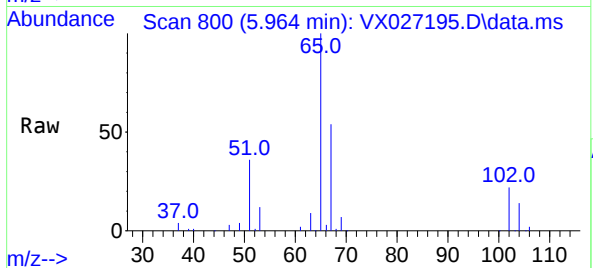




#33
 1,2-Dichloroethane-d4
 Concen: 50.431 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX027195.D
 Acq: 25 Feb 2022 17:40

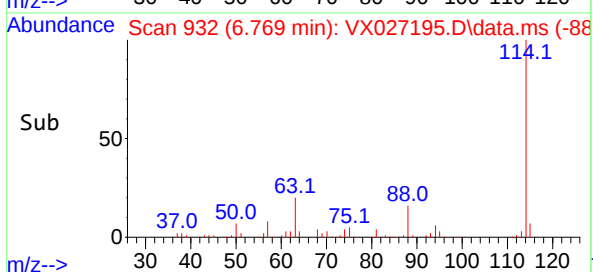
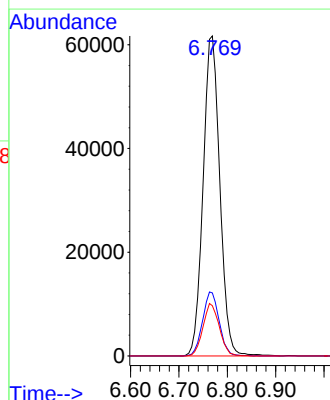
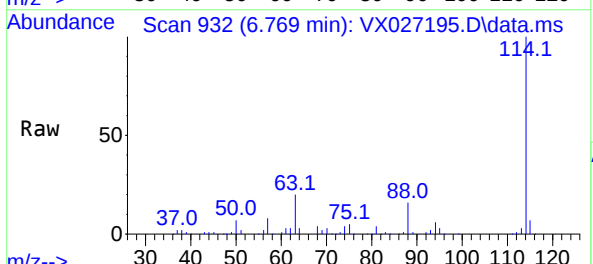
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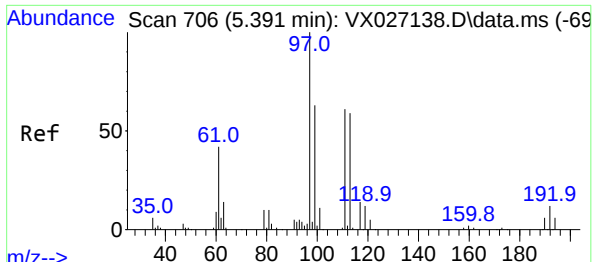
Tgt Ion: 65 Resp: 54360
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX027195.D
 Acq: 25 Feb 2022 17:40

Tgt Ion: 114 Resp: 148162
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 42.8
 88 15.7 0.0 33.0

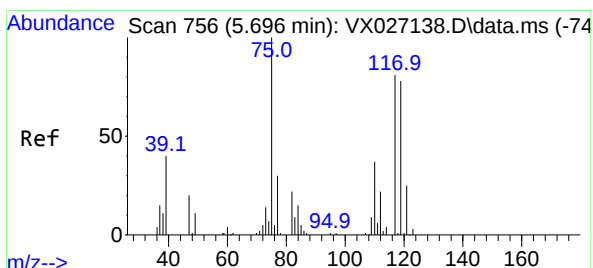
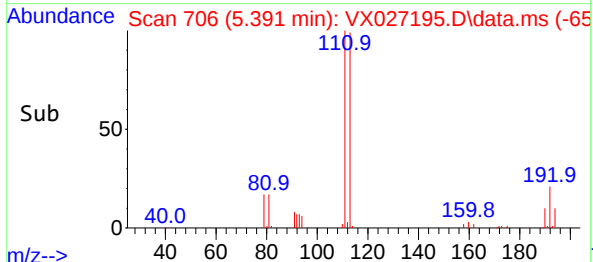
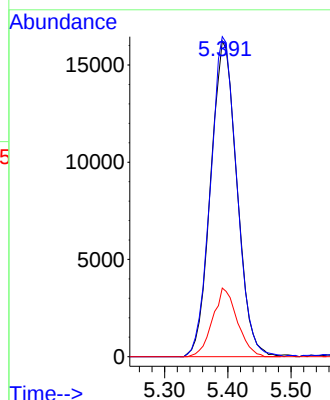
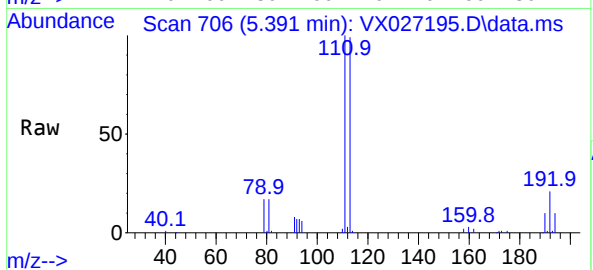




#35
Dibromofluoromethane
Concen: 50.768 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027195.D
Acq: 25 Feb 2022 17:40

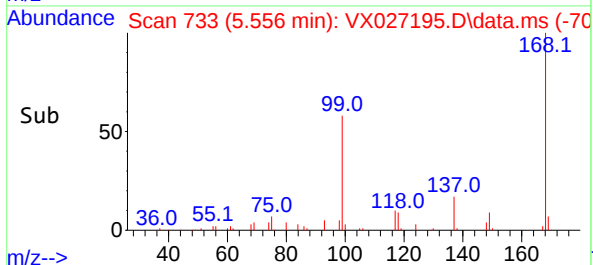
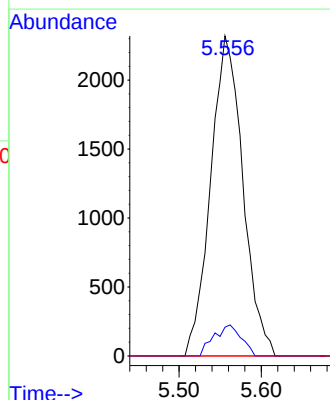
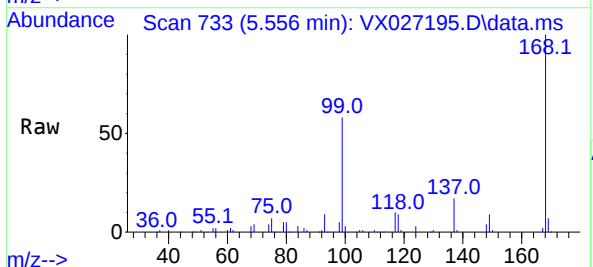
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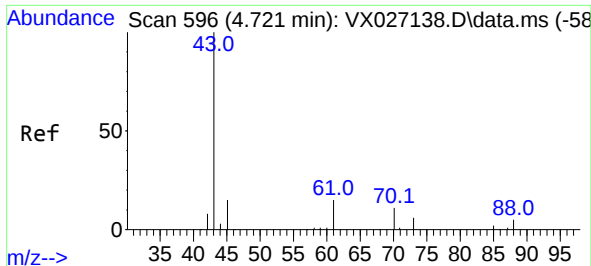
Tgt Ion:	113	Resp:	46690
Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.2	121.8
192	20.3	15.0	22.4



#36
1,1-Dichloropropene
Concen: 4.708 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027195.D
Acq: 25 Feb 2022 17:40

Tgt Ion:	75	Resp:	6319
Ion	Ratio	Lower	Upper
75	100		
110	8.2	17.2	51.6#
77	0.0	24.6	36.8#

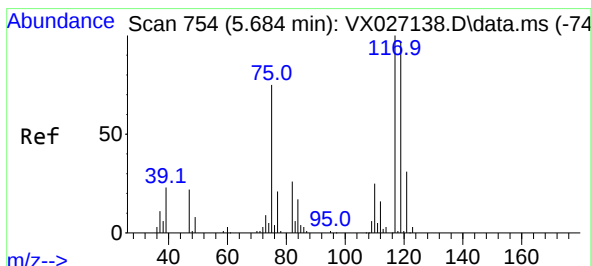
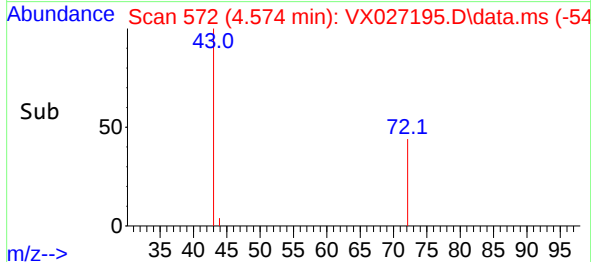
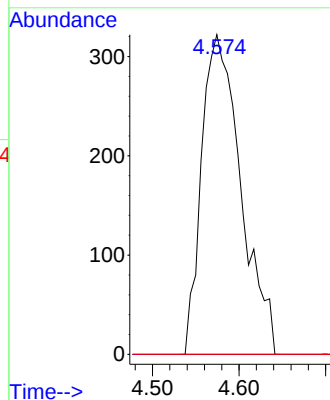
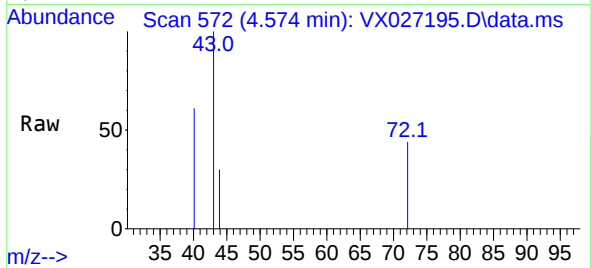




#37
Ethyl Acetate
Concen: 0.688 ug/l
RT: 4.574 min Scan# 51
Delta R.T. -0.147 min
Lab File: VX027195.D
Acq: 25 Feb 2022 17:40

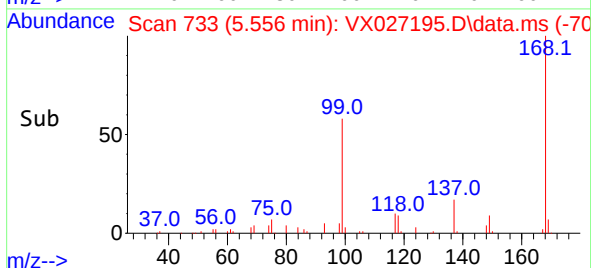
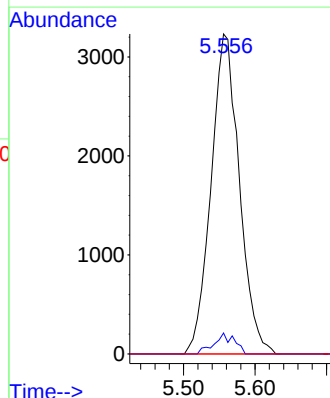
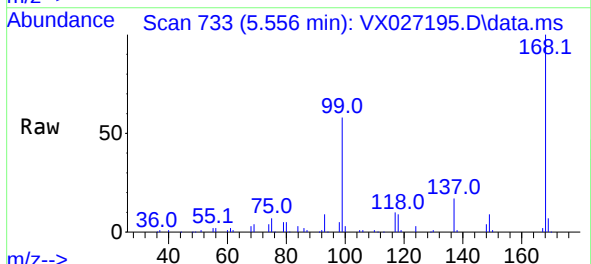
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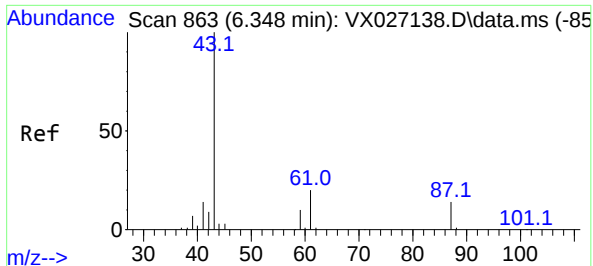
Tgt Ion: 43 Resp: 1014
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.5 12.7#



#38
Carbon Tetrachloride
Concen: 6.346 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX027195.D
Acq: 25 Feb 2022 17:40

Tgt Ion: 117 Resp: 8884
Ion Ratio Lower Upper
117 100
119 6.5 74.7 112.1#
121 0.0 25.4 38.0#





#43

Isopropyl Acetate

Concen: 3.555 ug/l

RT: 6.354 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX027195.D

Acq: 25 Feb 2022 17:40

Instrument :

MSVOA_X

ClientSampleId :

PB142919TB

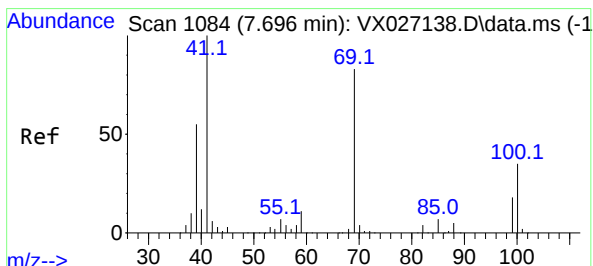
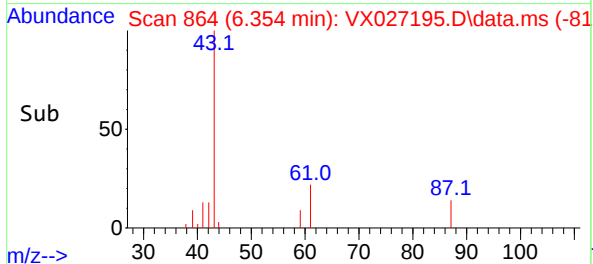
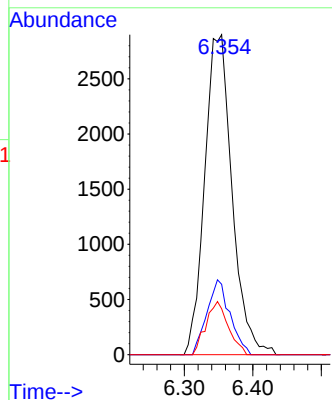
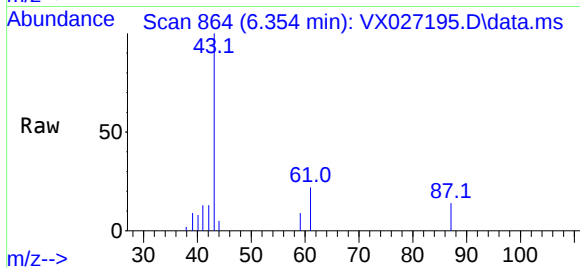
Tgt Ion: 43 Resp: 8058

Ion Ratio Lower Upper

43 100

61 19.7 15.4 23.0

87 13.6 10.2 15.2



#48

Methyl methacrylate

Concen: 2.108 ug/l

RT: 7.610 min Scan# 1070

Delta R.T. -0.086 min

Lab File: VX027195.D

Acq: 25 Feb 2022 17:40

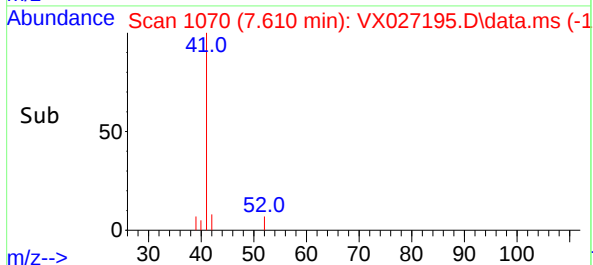
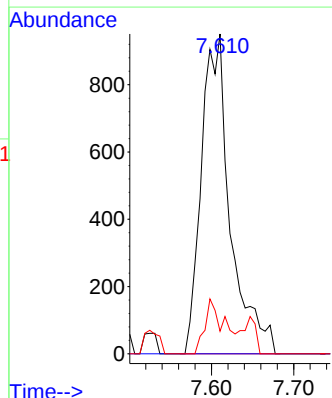
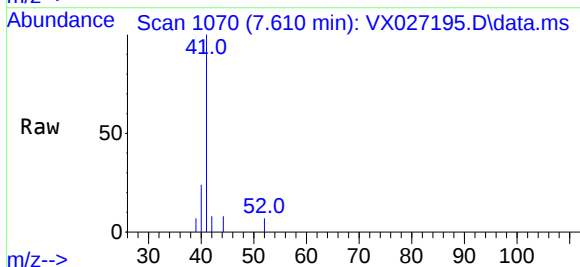
Tgt Ion: 41 Resp: 2313

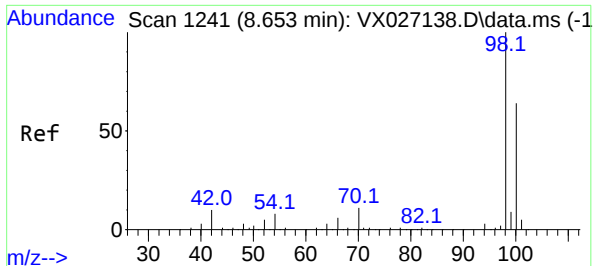
Ion Ratio Lower Upper

41 100

69 0.0 62.2 93.4#

39 0.0 45.4 68.0#

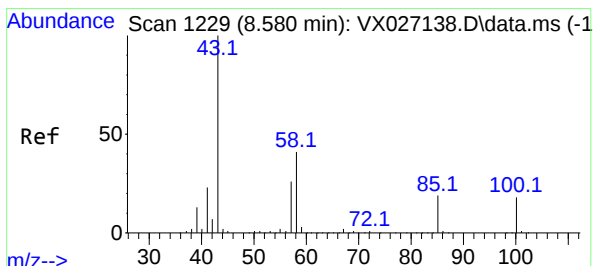
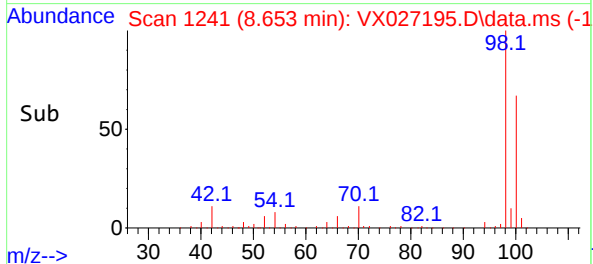
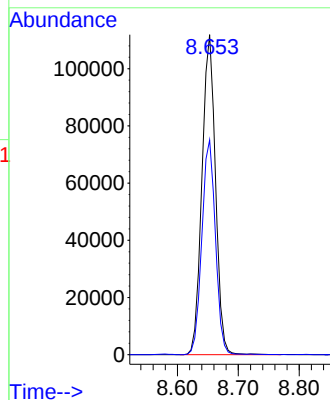
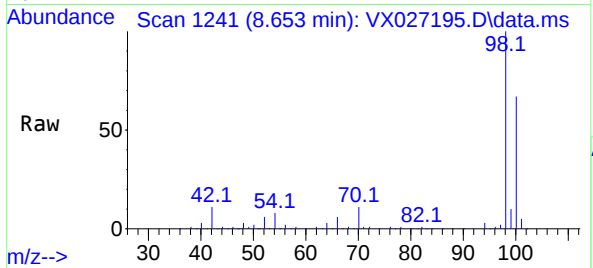




#50
Toluene-d8
Concen: 50.166 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027195.D
Acq: 25 Feb 2022 17:40

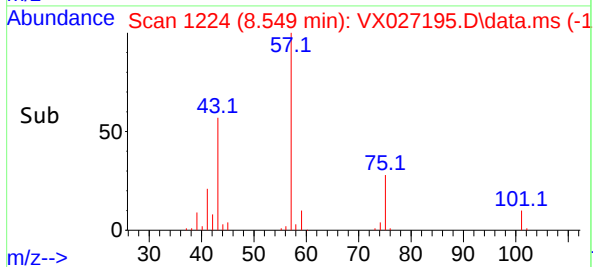
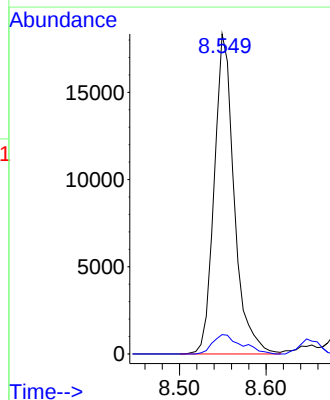
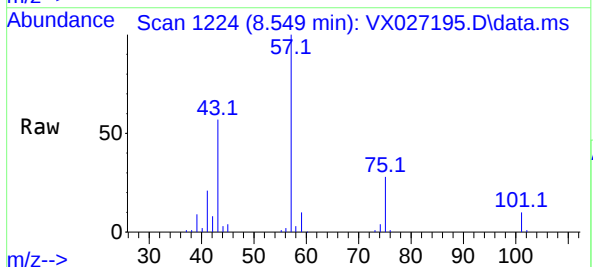
Instrument :
MSVOA_X
ClientSampleId :
PB142919TB

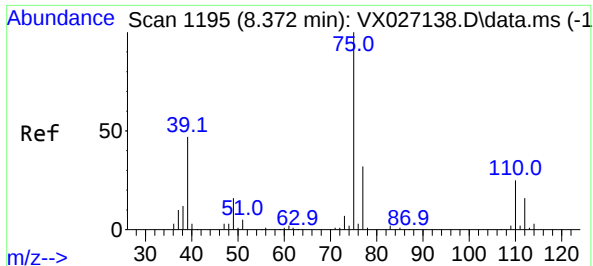
Tgt Ion: 98 Resp: 172508
Ion Ratio Lower Upper
98 100
100 67.4 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 19.927 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.031 min
Lab File: VX027195.D
Acq: 25 Feb 2022 17:40

Tgt Ion: 43 Resp: 29362
Ion Ratio Lower Upper
43 100
58 8.7 30.5 45.7#

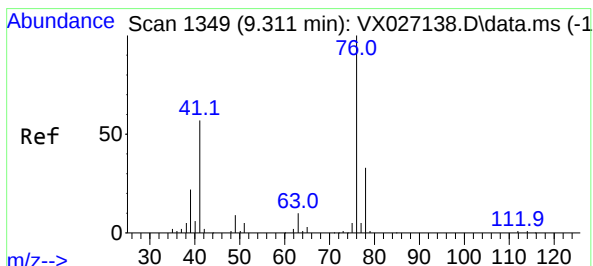
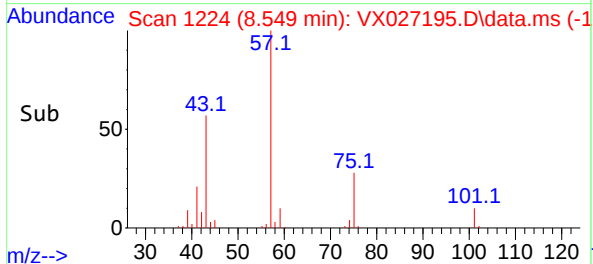
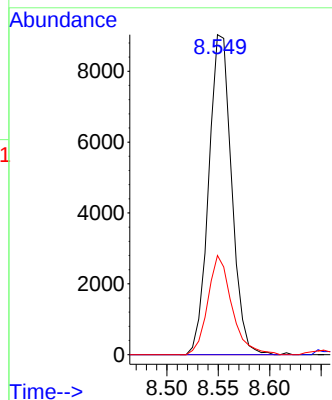
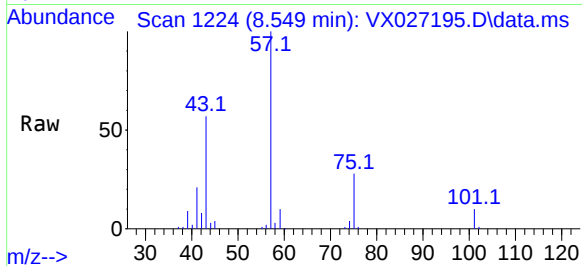




#54
 cis-1,3-Dichloropropene
 Concen: 9.316 ug/l
 RT: 8.549 min Scan# 1195
 Delta R.T. 0.177 min
 Lab File: VX027195.D
 Acq: 25 Feb 2022 17:40

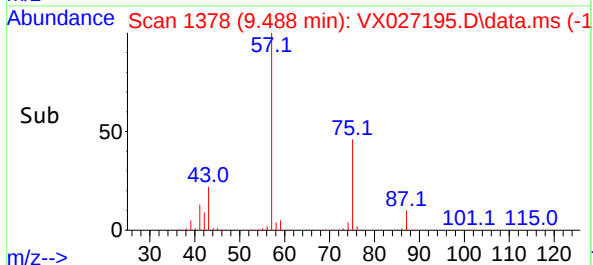
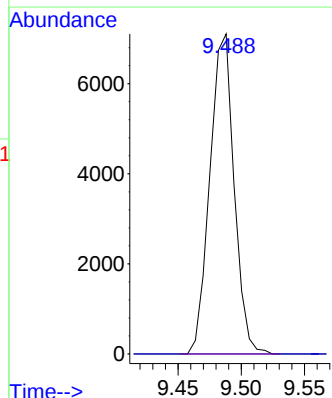
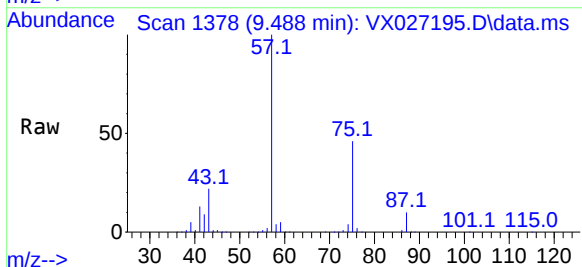
Instrument :
 MSVOA_X
 ClientSampleId :
 PB142919TB

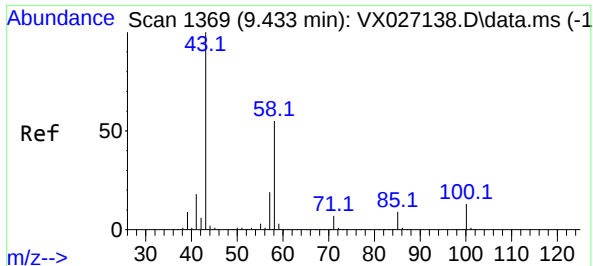
Tgt Ion: 75 Resp: 13981
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.2 39.2#
 39 31.0 43.5 65.3#



#57
 1,3-Dichloropropane
 Concen: 5.718 ug/l
 RT: 9.488 min Scan# 1378
 Delta R.T. 0.177 min
 Lab File: VX027195.D
 Acq: 25 Feb 2022 17:40

Tgt Ion: 76 Resp: 9467
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#

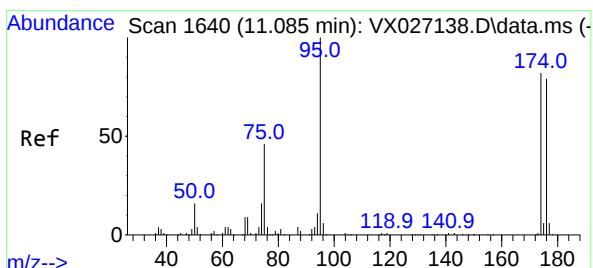
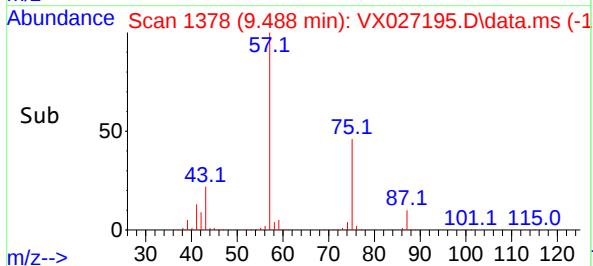
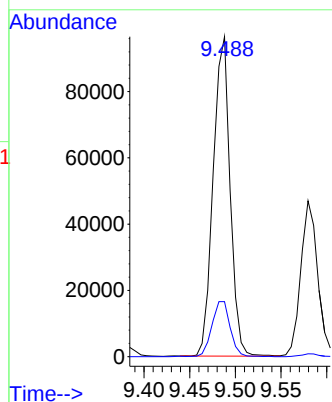
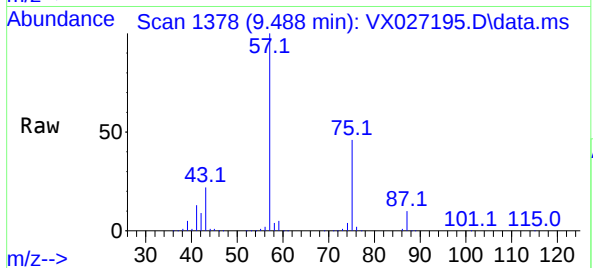




#59
2-Hexanone
Concen: 110.039 ug/l
RT: 9.488 min Scan# 11
Delta R.T. 0.055 min
Lab File: VX027195.D
Acq: 25 Feb 2022 17:40

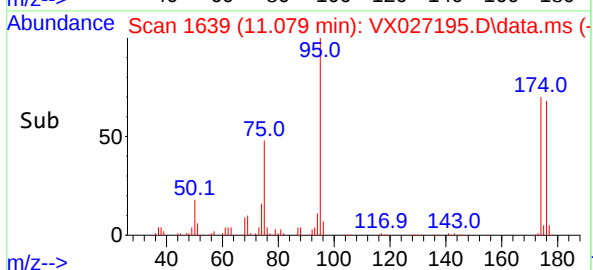
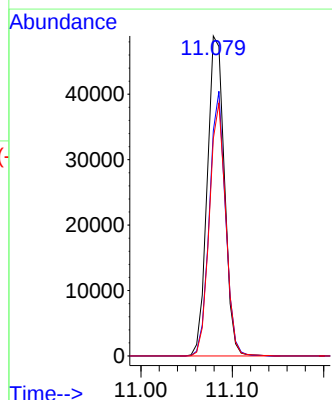
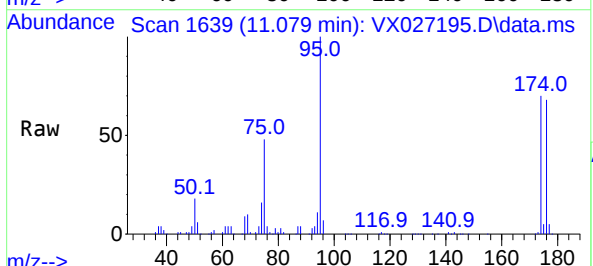
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MSVOA_X
ClientSampleId :
PB142919TB

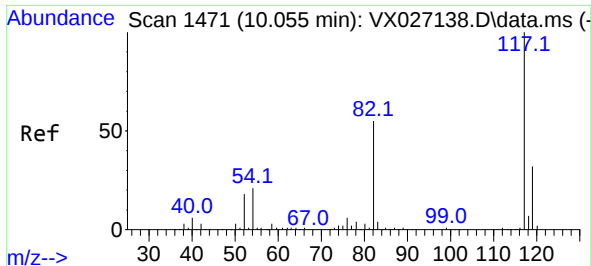
Tgt Ion: 43 Resp: 123921
Ion Ratio Lower Upper
43 100
58 18.7 26.4 79.2#



#62
4-Bromofluorobenzene
Concen: 48.228 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027195.D
Acq: 25 Feb 2022 17:40

Tgt Ion: 95 Resp: 63659
Ion Ratio Lower Upper
95 100
174 77.2 0.0 148.6
176 75.1 0.0 141.4

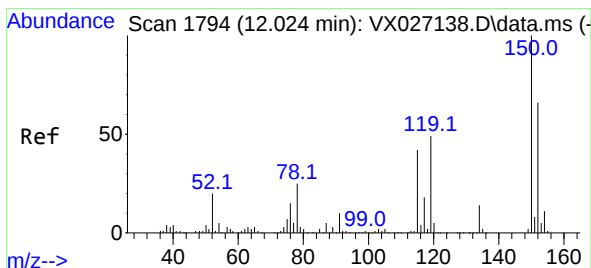
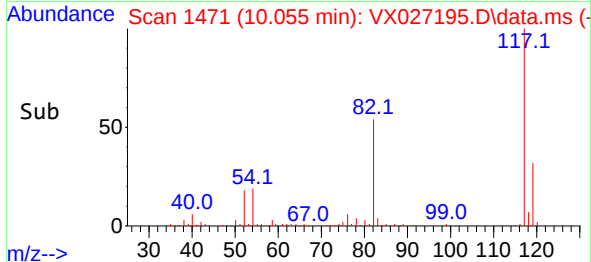
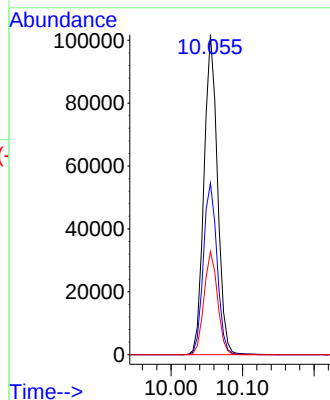
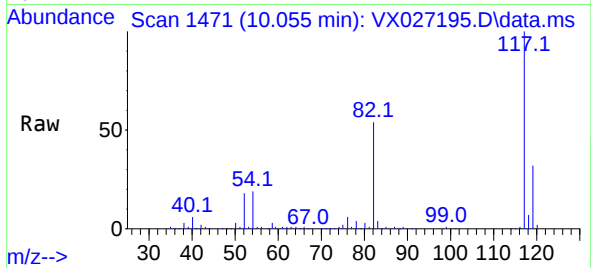




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027195.D
Acq: 25 Feb 2022 17:40

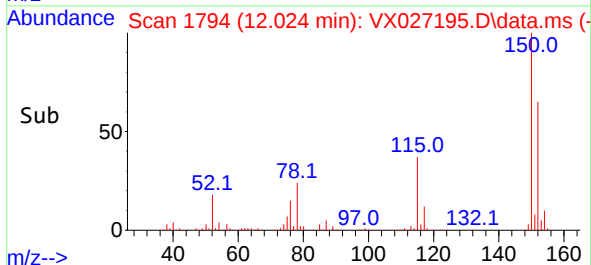
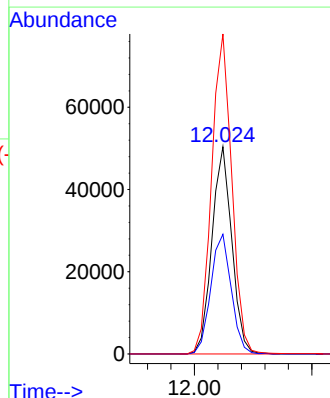
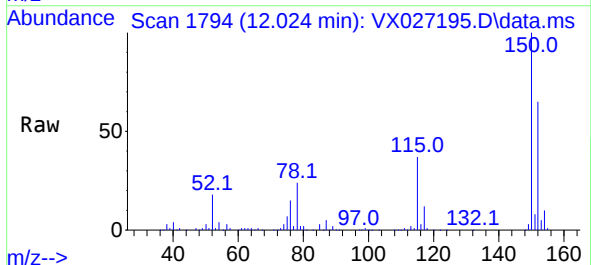
Instrument :
MSVOA_X
ClientSampleId :
PB142919TB

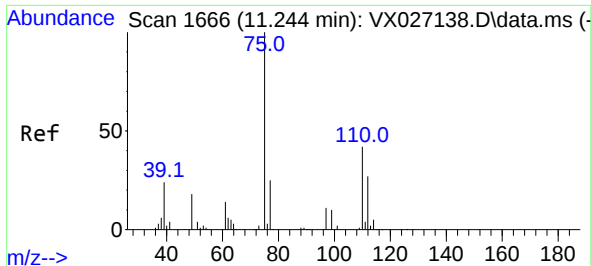
Tgt Ion:117 Resp: 133521
Ion Ratio Lower Upper
117 100
82 53.6 45.2 67.8
119 32.2 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027195.D
Acq: 25 Feb 2022 17:40

Tgt Ion:152 Resp: 59254
Ion Ratio Lower Upper
152 100
115 59.5 44.2 132.6
150 157.0 0.0 348.2

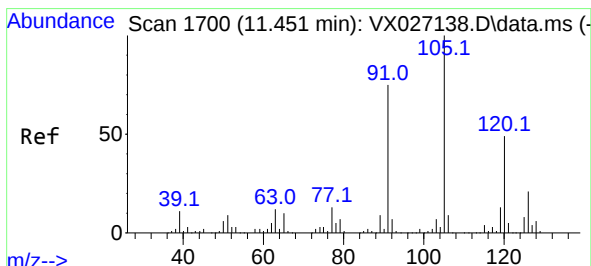
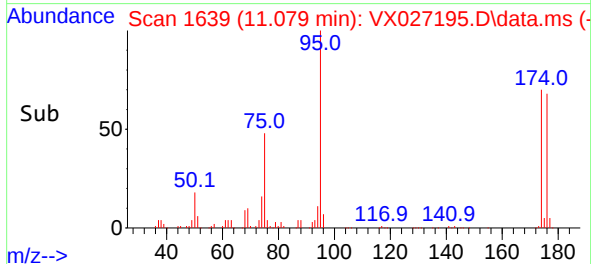
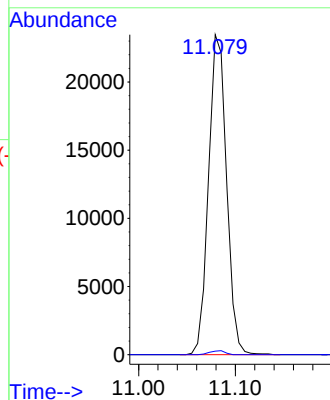
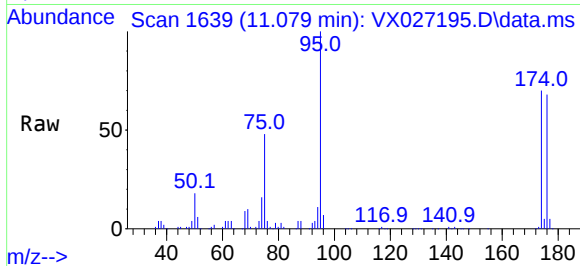




#76
1,2,3-Trichloropropane
Concen: 25.490 ug/l
RT: 11.079 min Scan# 110
Delta R.T. -0.165 min
Lab File: VX027195.D
Acq: 25 Feb 2022 17:40

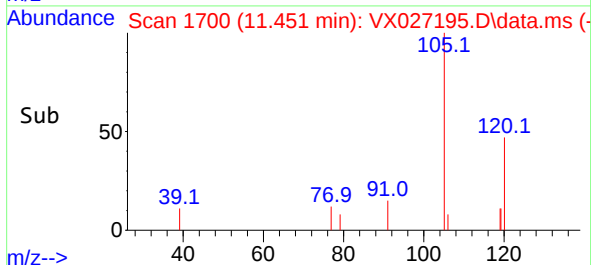
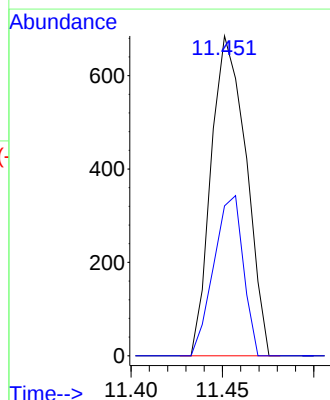
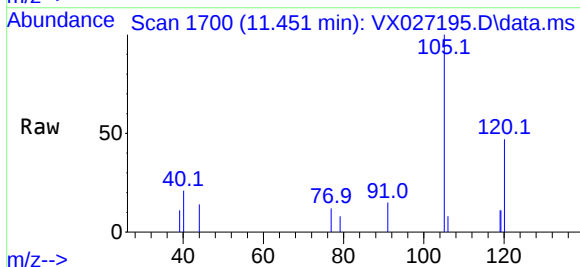
Instrument :
MSVOA_X
ClientSampleId :
PB142919TB

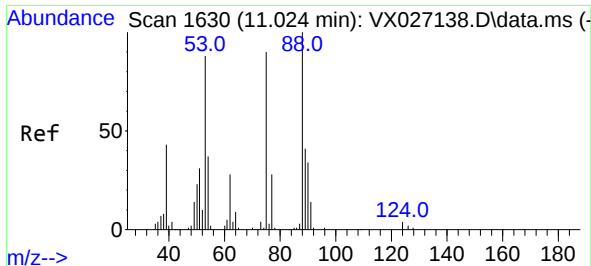
Tgt Ion: 75 Resp: 30423
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#80
1,3,5-Trimethylbenzene
Concen: 0.255 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027195.D
Acq: 25 Feb 2022 17:40

Tgt Ion: 105 Resp: 910
Ion Ratio Lower Upper
105 100
120 42.3 24.0 72.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.094 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.055 min
 Lab File: VX027195.D
 Acq: 25 Feb 2022 17:40

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142919TB

Tgt Ion: 75 Resp: 30423
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

