

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030821\
 Data File : VX021085.D
 Acq On : 09 Mar 2021 01:07
 Operator : JC/MD
 Sample : PB135028ZHE#03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB135028ZHE#03

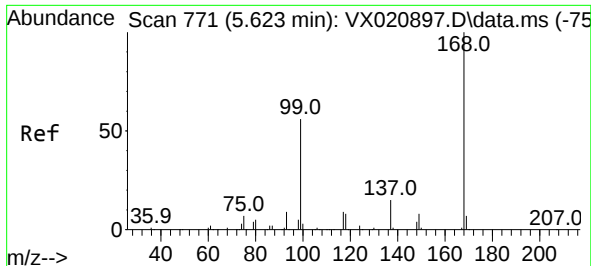
Quant Time: Mar 09 04:24:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.635	168	218812	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.829	114	402652	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	389029	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	171781	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	143838	48.67	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.34%
35) Dibromofluoromethane	5.464	113	127336	52.05	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.10%
50) Toluene-d8	8.694	98	515026	53.99	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.98%
62) 4-Bromofluorobenzene	11.118	95	184246	52.24	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.48%
Target Compounds						
					Qvalue	
3) Chloromethane	1.311	50	924	0.35	ug/l	90
5) Bromomethane	1.640	94	449	Below Cal		97
11) Tert butyl alcohol	2.993	59	5135	7.80	ug/l #	77
16) Acetone	2.417	43	53226	43.70	ug/l	98
18) Methyl Acetate	2.752	43	1174	0.41	ug/l #	83
20) Methylene Chloride	2.834	84	17142	5.87	ug/l	100
25) 2-Butanone	4.629	43	11224	6.07	ug/l	100
29) Tetrahydrofuran	5.093	42	1514	1.27	ug/l	88
31) Cyclohexane	5.629	56	4210	0.98	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	16652	4.35	ug/l #	48
37) Ethyl Acetate	4.629	43	11224	3.08	ug/l #	65
38) Carbon Tetrachloride	5.623	117	20065	5.41	ug/l #	16
43) Isopropyl Acetate	6.411	43	21314	3.44	ug/l	98
48) Methyl methacrylate	7.847	41	107861	34.72	ug/l #	36
49) 1,4-Dioxane	7.847	88	232	3.20	ug/l #	1
51) 4-Methyl-2-Pentanone	8.594	43	78693	21.82	ug/l #	47
54) cis-1,3-Dichloropropene	8.594	75	41608	8.40	ug/l #	57
57) 1,3-Dichloropropane	9.523	76	24818	5.12	ug/l #	43
59) 2-Hexanone	9.418	43	10516	3.89	ug/l #	19
74) N-amyl acetate	10.806	43	1248	0.23	ug/l #	48
76) 1,2,3-Trichloropropane	11.118	75	88907	24.06	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	88907	53.27	ug/l #	12

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

Quant Time: Mar 09 04:24:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 24 13:50:55 2021
Response via : Initial Calibration

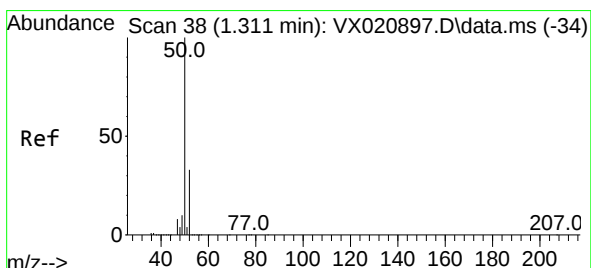
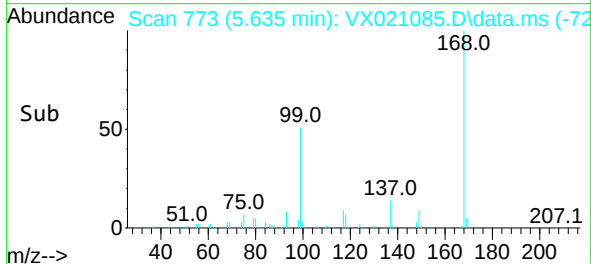
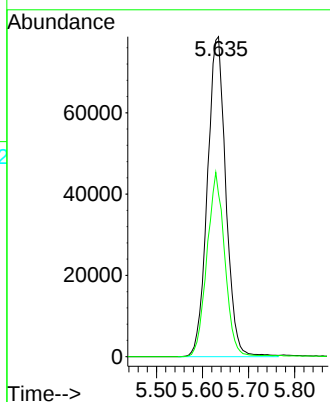
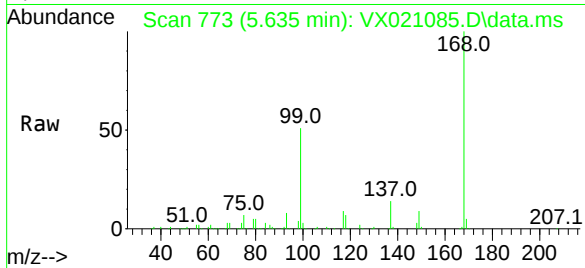




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.012 min
Lab File: VX021085.D
Acq: 09 Mar 2021 01:07

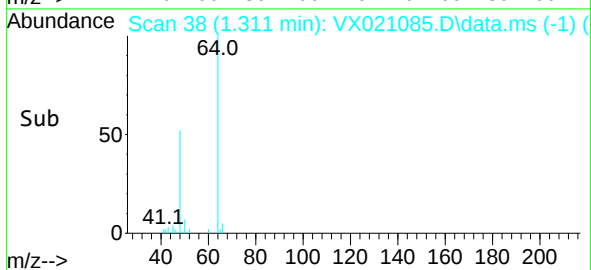
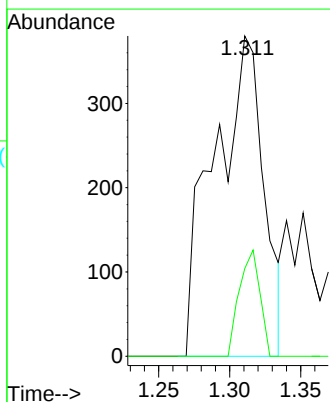
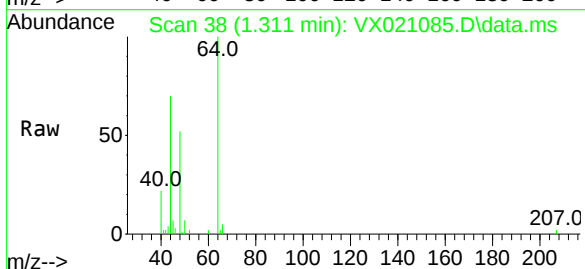
Instrument :
MSVOA_X
ClientSampleId :
PB135028ZHE#03

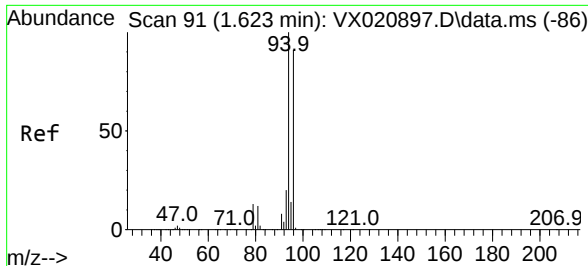
Tgt Ion:168 Resp: 218812
Ion Ratio Lower Upper
168 100
99 50.8 45.8 68.6



#3
Chloromethane
Concen: 0.35 ug/l
RT: 1.311 min Scan# 38
Delta R.T. -0.000 min
Lab File: VX021085.D
Acq: 09 Mar 2021 01:07

Tgt Ion: 50 Resp: 924
Ion Ratio Lower Upper
50 100
52 27.4 26.4 39.6

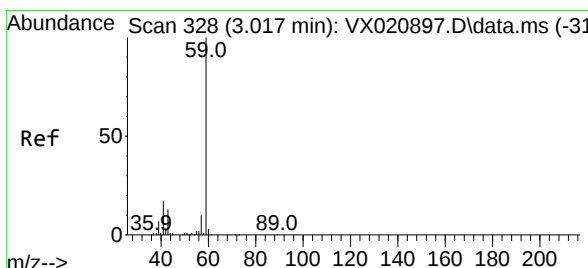
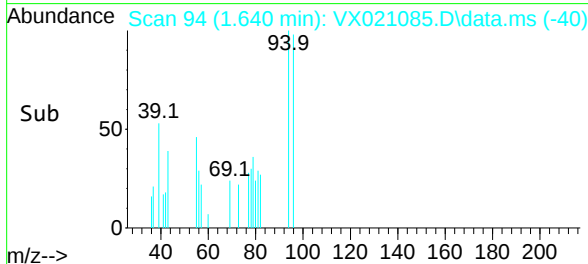
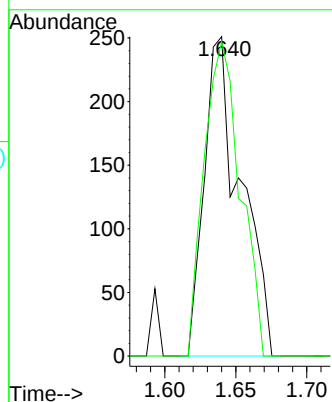
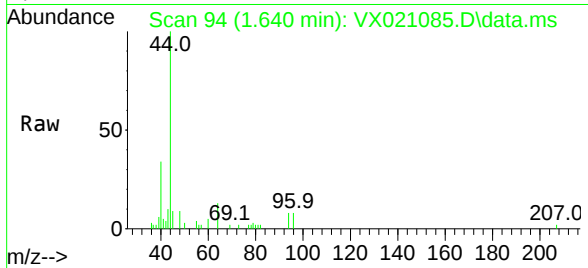




#5
Bromomethane
Concen: Below Cal
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX021085.D
Acq: 09 Mar 2021 01:07

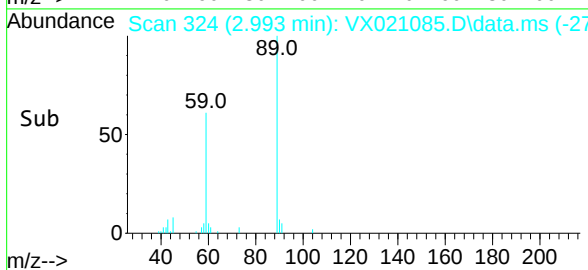
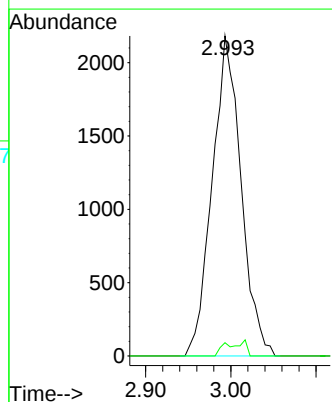
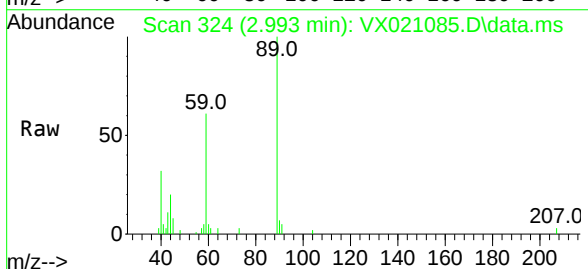
Instrument :
MSVOA_X
ClientSampleId :
PB135028ZHE#03

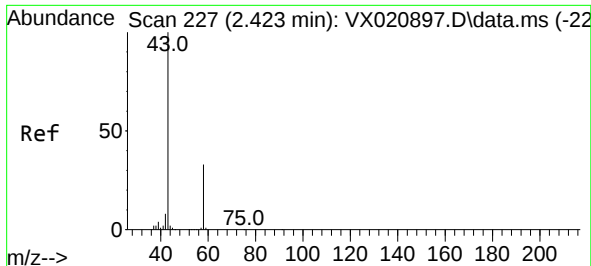
Tgt Ion: 94 Resp: 449
Ion Ratio Lower Upper
94 100
96 98.4 76.4 114.6



#11
Tert butyl alcohol
Concen: 7.80 ug/l
RT: 2.993 min Scan# 324
Delta R.T. -0.024 min
Lab File: VX021085.D
Acq: 09 Mar 2021 01:07

Tgt Ion: 59 Resp: 5135
Ion Ratio Lower Upper
59 100
57 1.4 7.8 11.8#

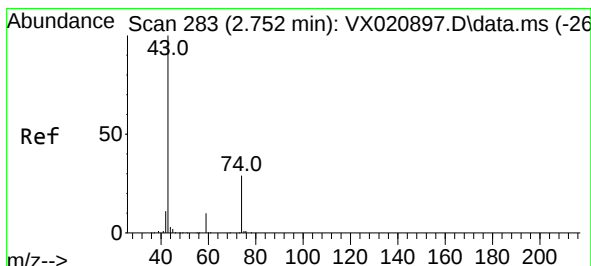
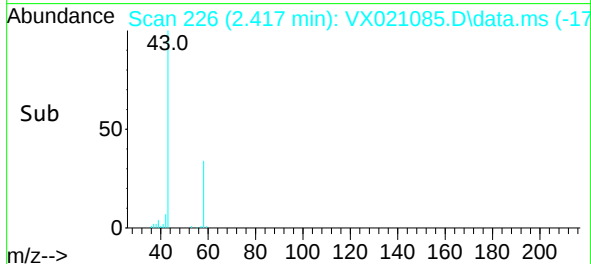
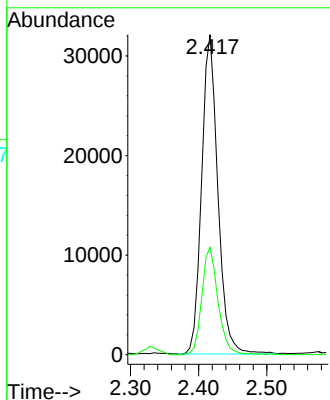
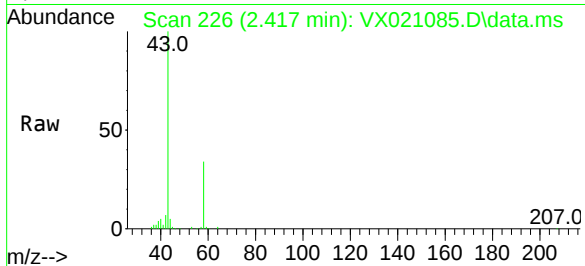




#16
Acetone
Concen: 43.70 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021085.D
Acq: 09 Mar 2021 01:07

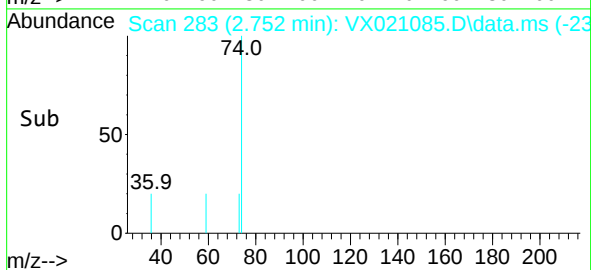
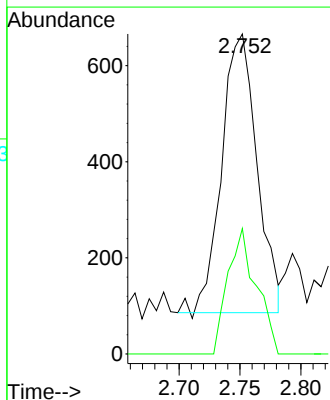
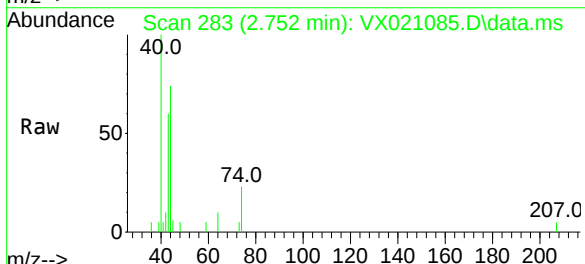
Instrument :
MSVOA_X
ClientSampleId :
PB135028ZHE#03

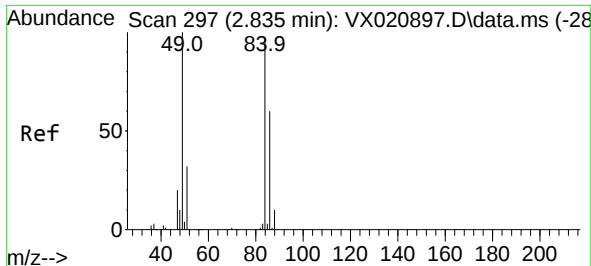
Tgt Ion: 43 Resp: 53226
Ion Ratio Lower Upper
43 100
58 33.6 27.8 41.8



#18
Methyl Acetate
Concen: 0.41 ug/l
RT: 2.752 min Scan# 283
Delta R.T. -0.000 min
Lab File: VX021085.D
Acq: 09 Mar 2021 01:07

Tgt Ion: 43 Resp: 1174
Ion Ratio Lower Upper
43 100
74 36.2 21.9 32.9#





#20

Methylene Chloride

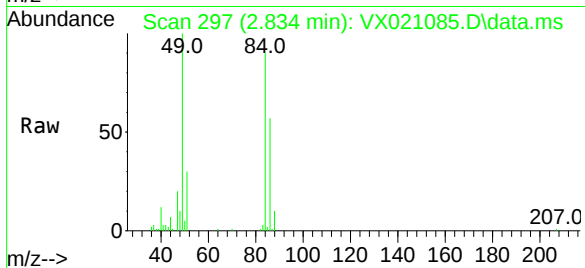
Concen: 5.87 ug/l

RT: 2.834 min Scan# 297

Delta R.T. -0.000 min

Lab File: VX021085.D

Acq: 09 Mar 2021 01:07



Tgt Ion: 84 Resp: 17142

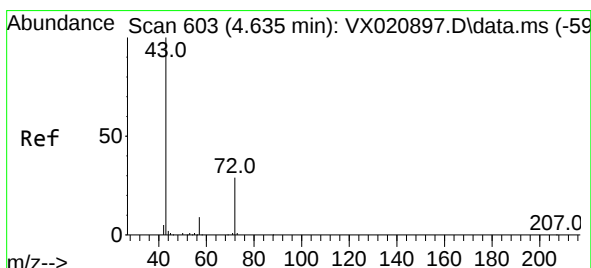
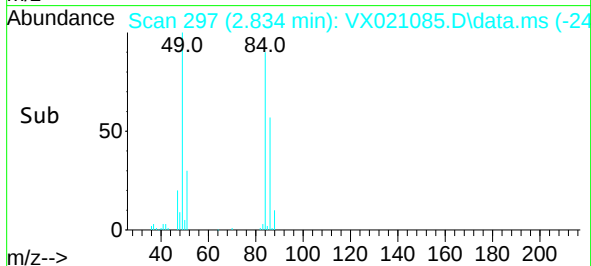
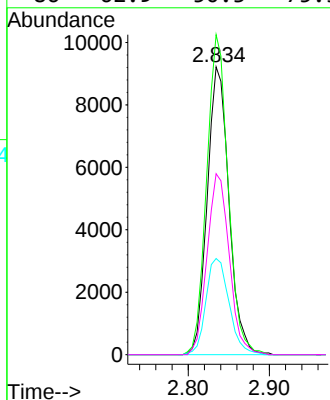
Ion Ratio Lower Upper

84 100

49 111.2 88.6 132.8

51 33.4 27.0 40.6

86 62.9 50.3 75.5



#25

2-Butanone

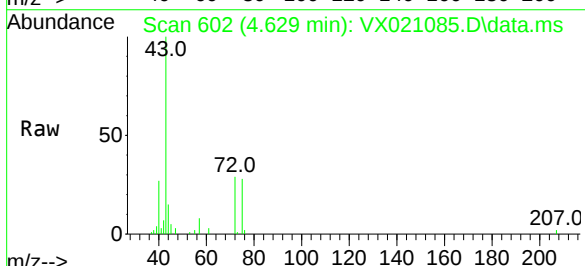
Concen: 6.07 ug/l

RT: 4.629 min Scan# 602

Delta R.T. -0.006 min

Lab File: VX021085.D

Acq: 09 Mar 2021 01:07

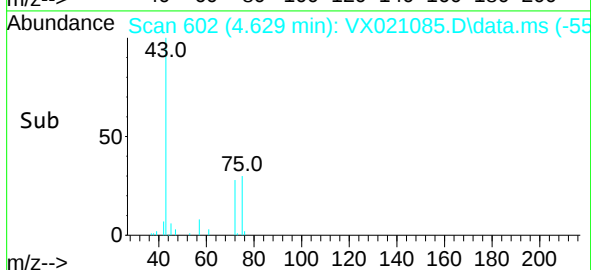
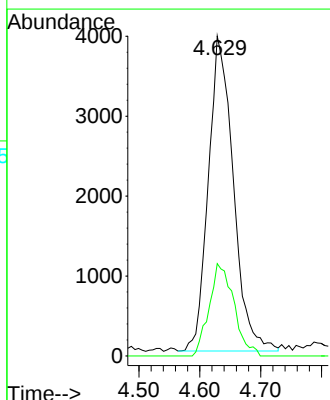


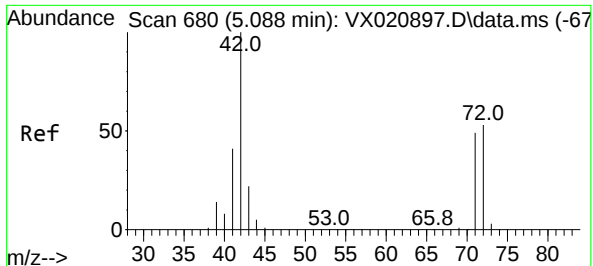
Tgt Ion: 43 Resp: 11224

Ion Ratio Lower Upper

43 100

72 29.3 23.7 35.5





#29

Tetrahydrofuran

Concen: 1.27 ug/l

RT: 5.093 min Scan# 681

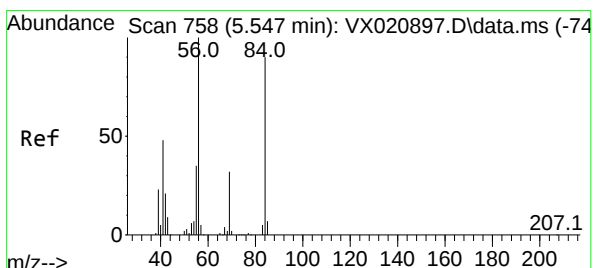
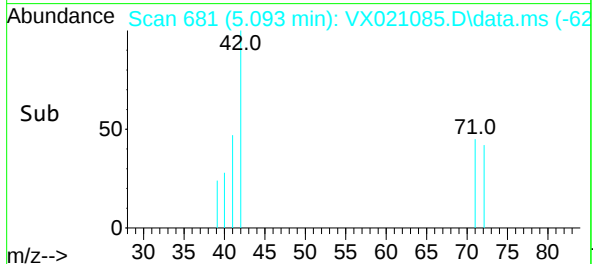
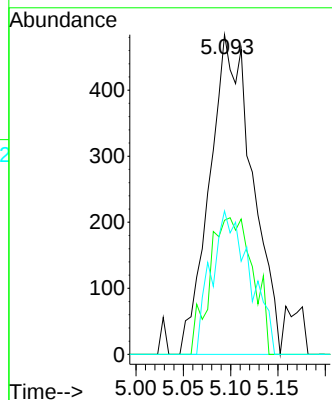
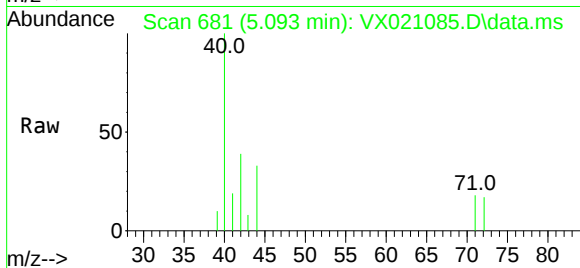
Delta R.T. 0.006 min

Lab File: VX021085.D

Acq: 09 Mar 2021 01:07

Tgt Ion:	42	Resp:	1514
Ion	Ratio	Lower	Upper
42	100		
72	43.1	41.7	62.5
71	40.7	38.4	57.6

Instrument :
MSVOA_X
ClientSampleId :
PB135028ZHE#03



#31

Cyclohexane

Concen: 0.98 ug/l

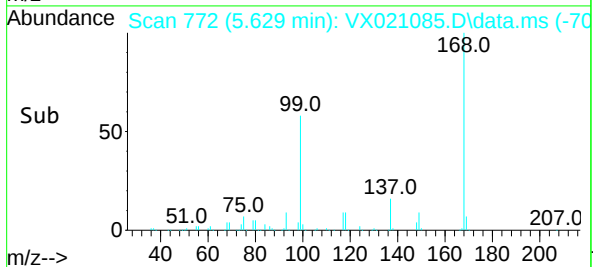
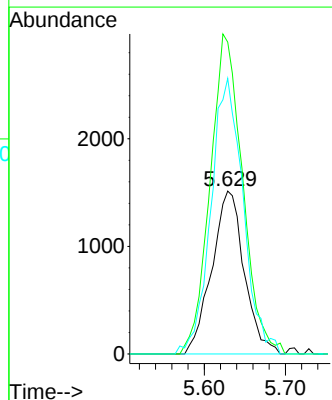
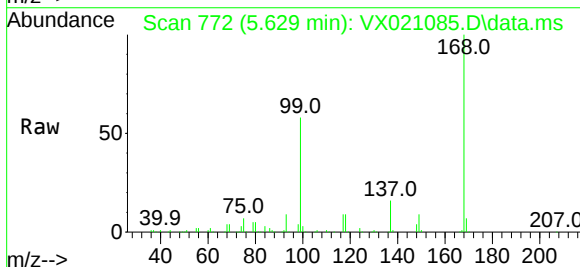
RT: 5.629 min Scan# 772

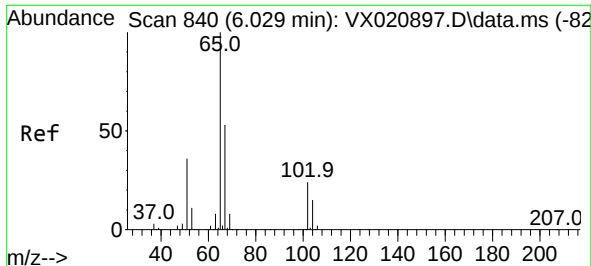
Delta R.T. 0.082 min

Lab File: VX021085.D

Acq: 09 Mar 2021 01:07

Tgt Ion:	56	Resp:	4210
Ion	Ratio	Lower	Upper
56	100		
69	191.4	25.3	37.9#
84	169.1	71.4	107.0#

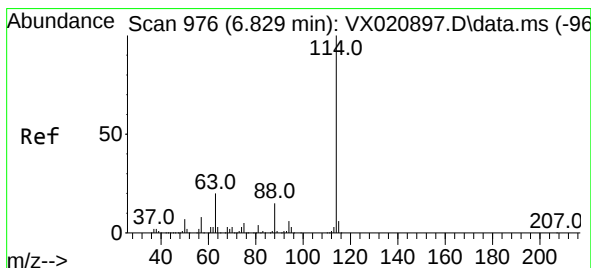
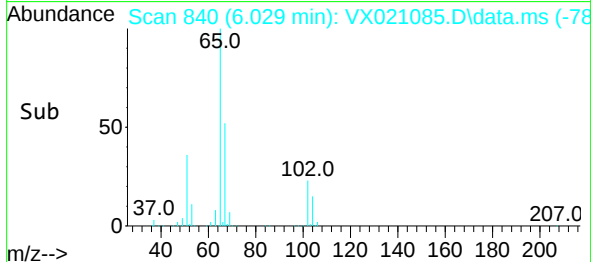
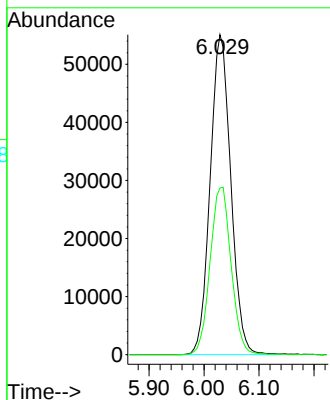
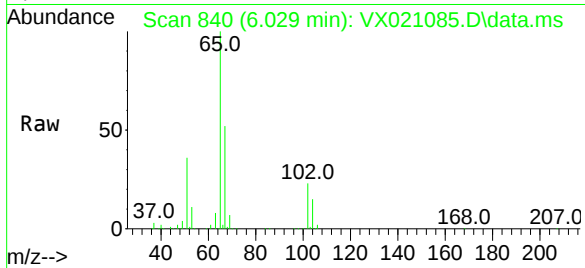




#33
 1,2-Dichloroethane-d4
 Concen: 48.67 ug/l
 RT: 6.029 min Scan# 840
 Delta R.T. -0.000 min
 Lab File: VX021085.D
 Acq: 09 Mar 2021 01:07

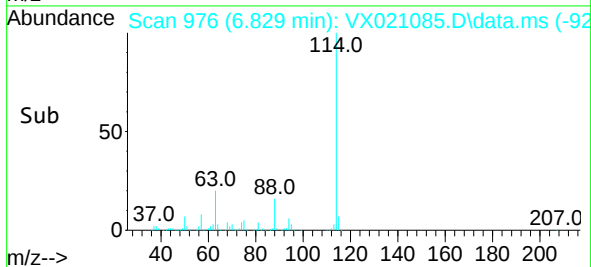
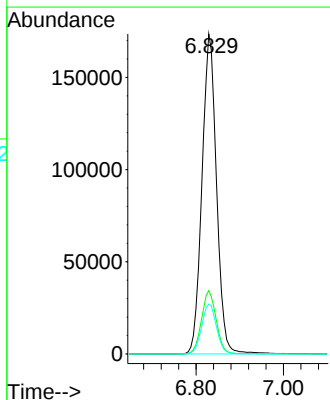
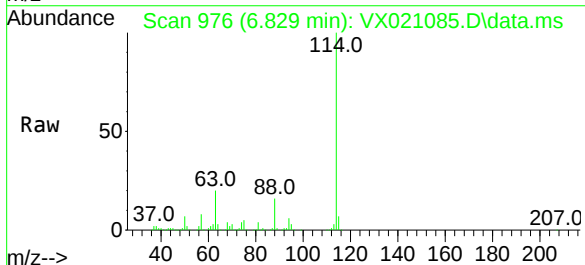
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 MSVOA_X
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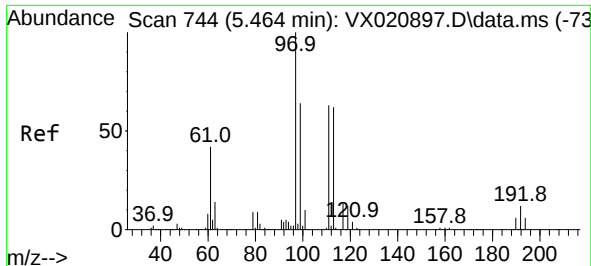
Tgt Ion: 65 Resp: 143838
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.829 min Scan# 976
 Delta R.T. -0.000 min
 Lab File: VX021085.D
 Acq: 09 Mar 2021 01:07

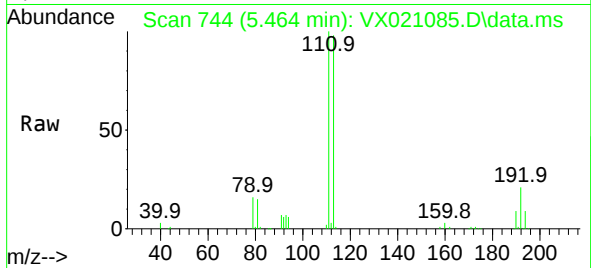
Tgt Ion: 114 Resp: 402652
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.8
 88 15.6 0.0 32.8



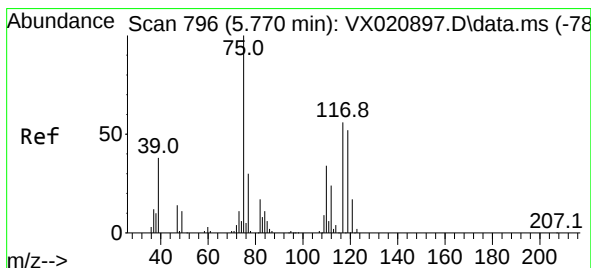
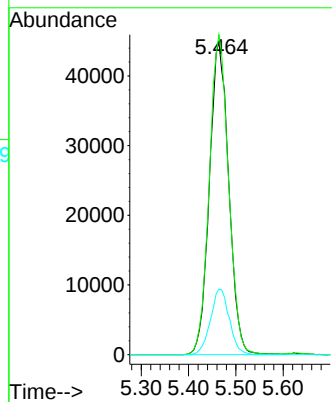
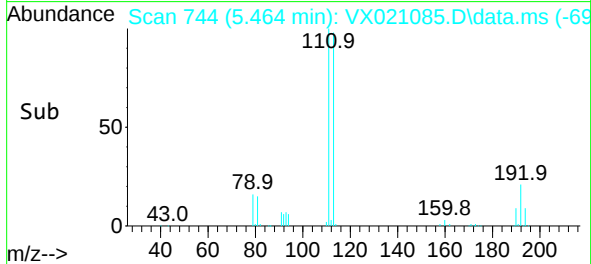


#35
Dibromofluoromethane
Concen: 52.05 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021085.D
Acq: 09 Mar 2021 01:07

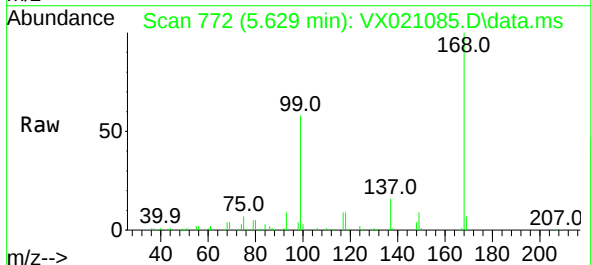
Instrument :
MSVOA_X
ClientSampleId :
PB135028ZHE#03



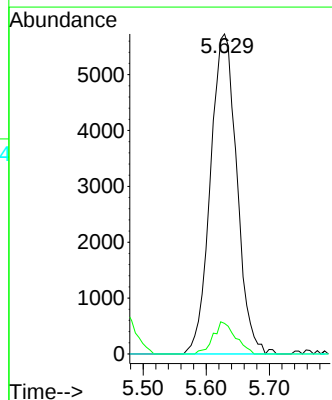
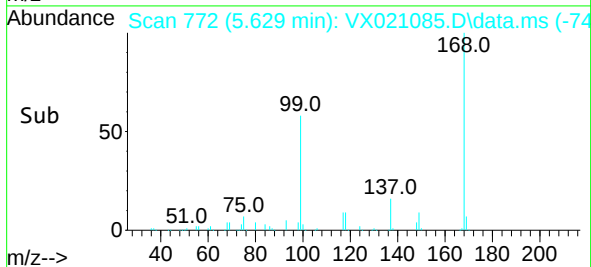
Tgt Ion:113 Resp: 127336
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 20.5 16.7 25.1

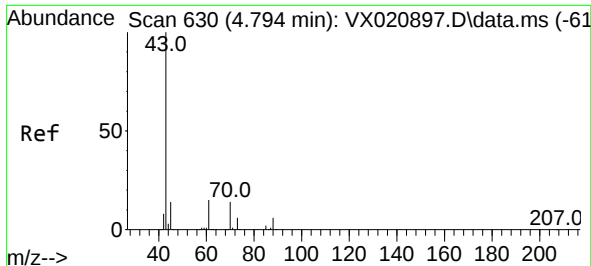


#36
1,1-Dichloropropene
Concen: 4.35 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021085.D
Acq: 09 Mar 2021 01:07



Tgt Ion: 75 Resp: 16652
Ion Ratio Lower Upper
75 100
110 8.5 18.1 54.4#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 3.08 ug/l

RT: 4.629 min Scan# 602

Delta R.T. -0.165 min

Lab File: VX021085.D

Acq: 09 Mar 2021 01:07

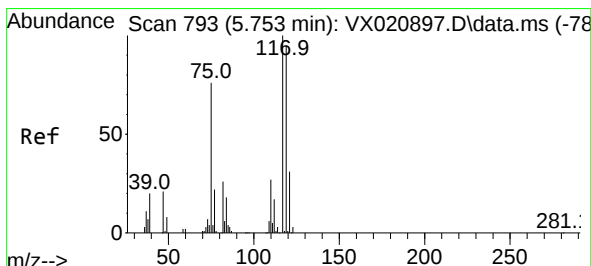
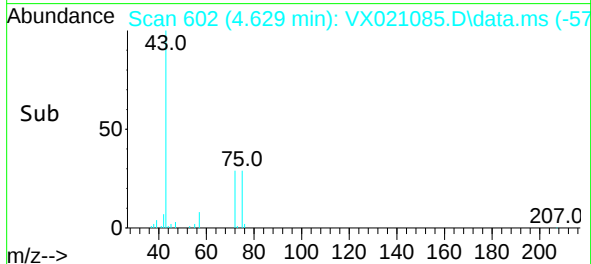
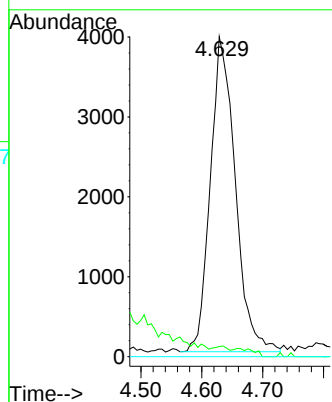
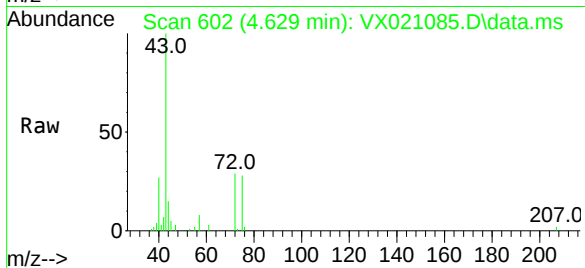
Instrument :

MSVOA_X

ClientSampleId :

PB135028ZHE#03

Tgt Ion:	43	Resp:	11224
Ion	Ratio	Lower	Upper
43	100		
61	0.5	12.8	19.2#
70	0.0	10.5	15.7#



#38

Carbon Tetrachloride

Concen: 5.41 ug/l

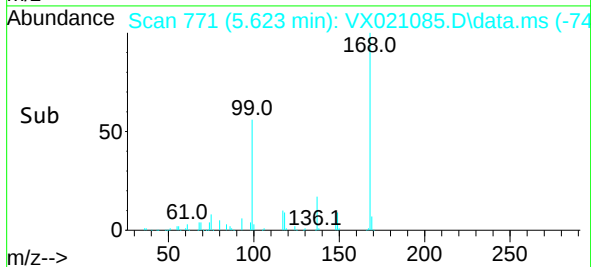
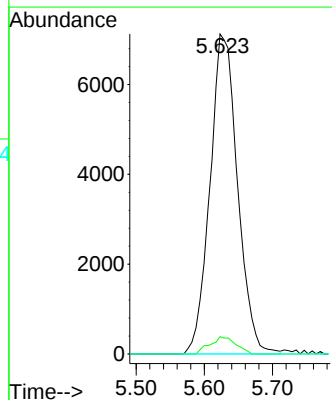
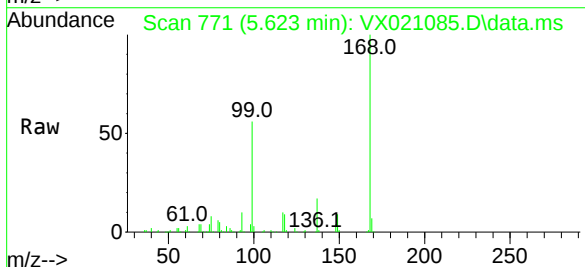
RT: 5.623 min Scan# 771

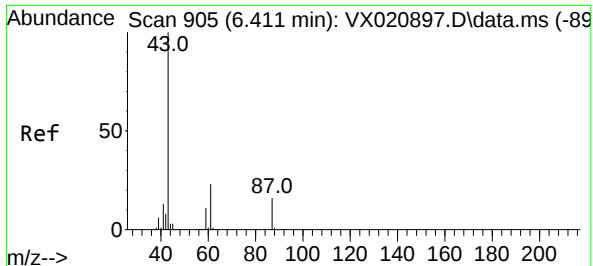
Delta R.T. -0.130 min

Lab File: VX021085.D

Acq: 09 Mar 2021 01:07

Tgt Ion:	117	Resp:	20065
Ion	Ratio	Lower	Upper
117	100		
119	5.4	76.2	114.2#
121	0.0	24.8	37.2#

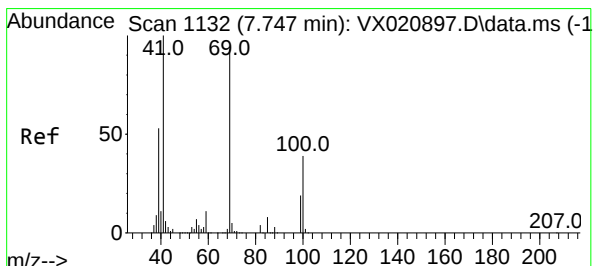
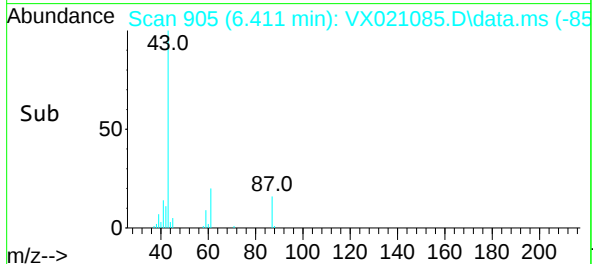
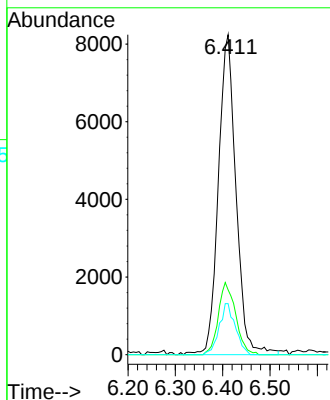
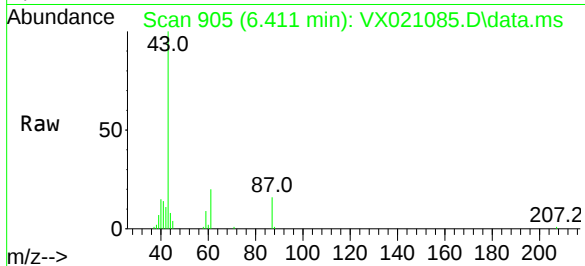




#43
Isopropyl Acetate
Concen: 3.44 ug/l
RT: 6.411 min Scan# 905
Delta R.T. -0.000 min
Lab File: VX021085.D
Acq: 09 Mar 2021 01:07

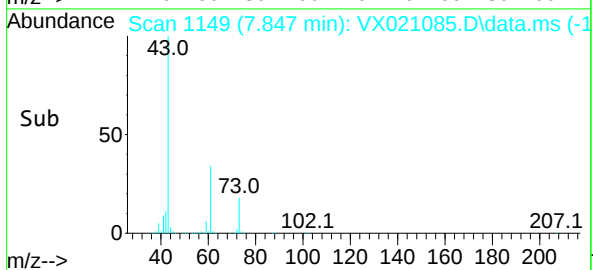
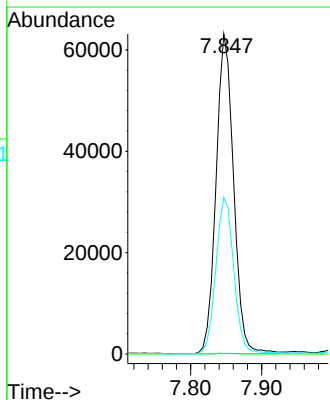
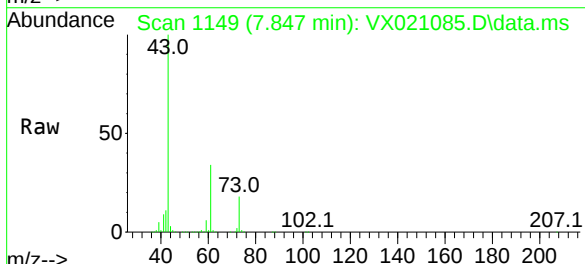
Instrument :
MSVOA_X
ClientSampleId :
PB135028ZHE#03

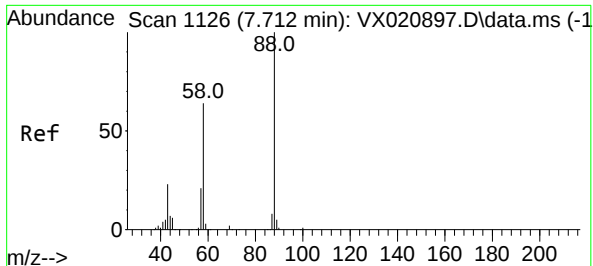
Tgt Ion:	43	Resp:	21314
Ion	Ratio	Lower	Upper
43	100		
61	22.1	18.2	27.4
87	14.6	12.5	18.7



#48
Methyl methacrylate
Concen: 34.72 ug/l
RT: 7.847 min Scan# 1149
Delta R.T. 0.100 min
Lab File: VX021085.D
Acq: 09 Mar 2021 01:07

Tgt Ion:	41	Resp:	107861
Ion	Ratio	Lower	Upper
41	100		
69	0.2	76.0	114.0#
39	50.6	44.6	67.0





#49

1,4-Dioxane

Concen: 3.20 ug/l

RT: 7.847 min Scan# 1149

Delta R.T. 0.135 min

Lab File: VX021085.D

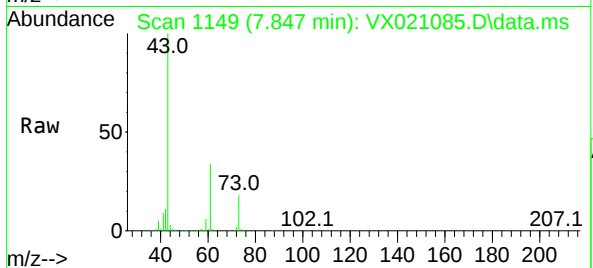
Acq: 09 Mar 2021 01:07

Instrument :

MSVOA_X

ClientSampleId :

PB135028ZHE#03



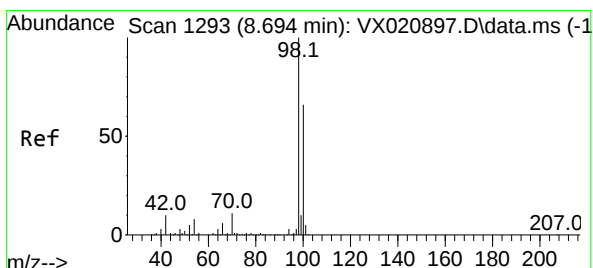
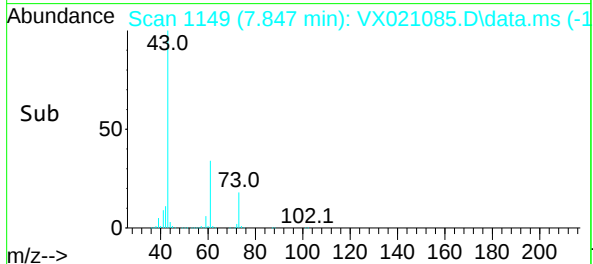
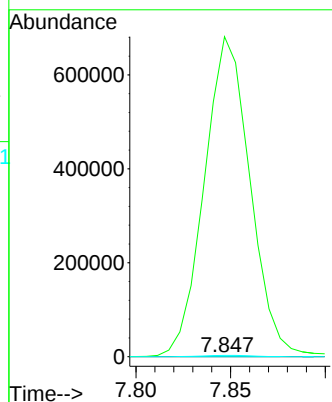
Tgt Ion: 88 Resp: 232

Ion Ratio Lower Upper

88 100

43 499268.1 23.2 34.8#

58 2250.4 55.0 82.4#



#50

Toluene-d8

Concen: 53.99 ug/l

RT: 8.694 min Scan# 1293

Delta R.T. -0.000 min

Lab File: VX021085.D

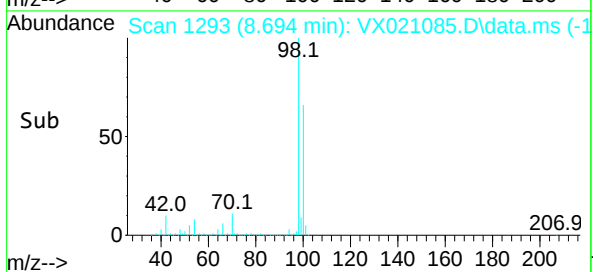
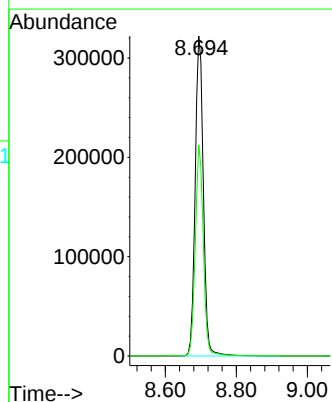
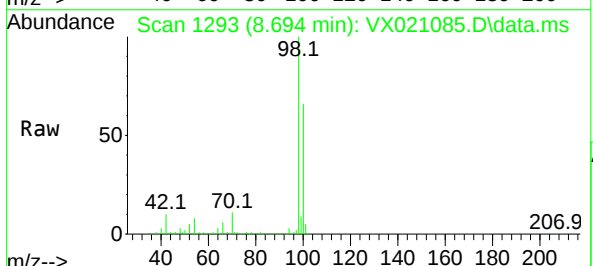
Acq: 09 Mar 2021 01:07

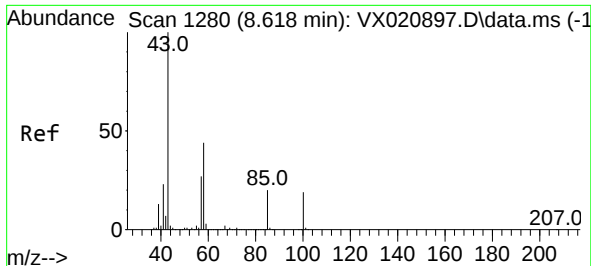
Tgt Ion: 98 Resp: 515026

Ion Ratio Lower Upper

98 100

100 64.9 51.9 77.9

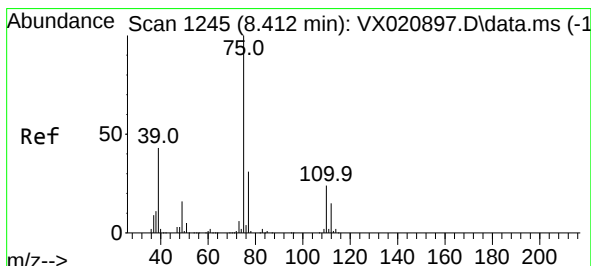
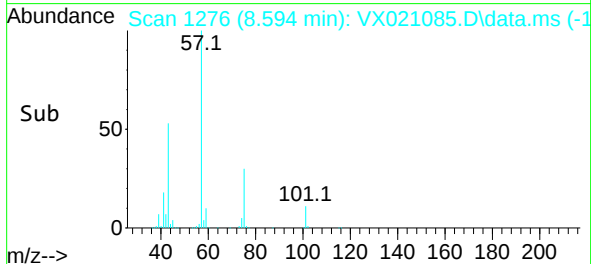
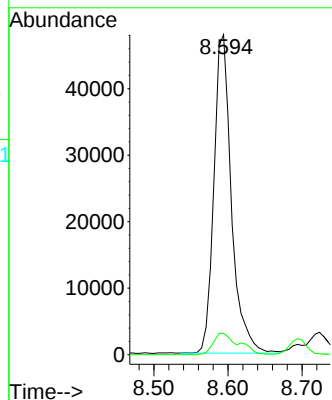
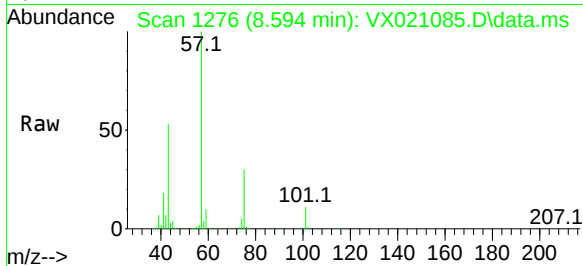




#51
4-Methyl-2-Pentanone
Concen: 21.82 ug/l
RT: 8.594 min Scan# 1276
Delta R.T. -0.024 min
Lab File: VX021085.D
Acq: 09 Mar 2021 01:07

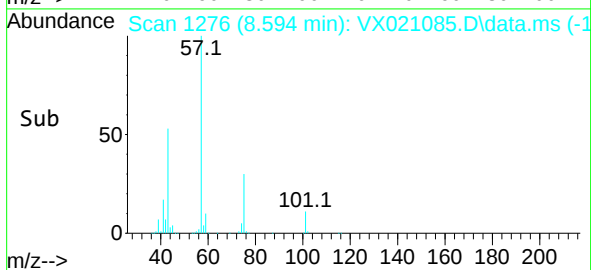
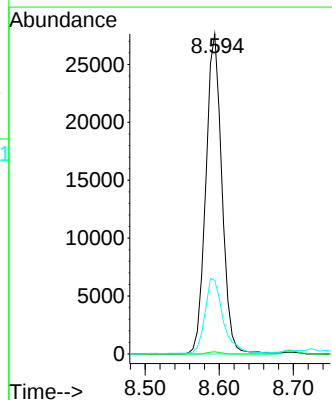
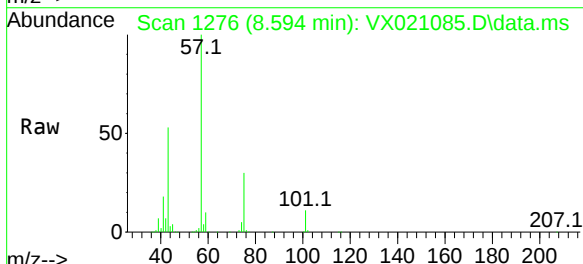
Instrument :
MSVOA_X
ClientSampleId :
PB135028ZHE#03

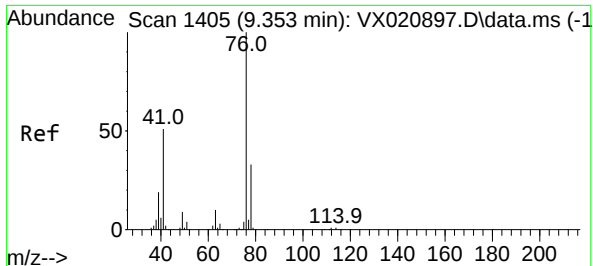
Tgt Ion: 43 Resp: 78693
Ion Ratio Lower Upper
43 100
58 9.8 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 8.40 ug/l
RT: 8.594 min Scan# 1276
Delta R.T. 0.182 min
Lab File: VX021085.D
Acq: 09 Mar 2021 01:07

Tgt Ion: 75 Resp: 41608
Ion Ratio Lower Upper
75 100
77 0.7 25.7 38.5#
39 22.7 35.1 52.7#

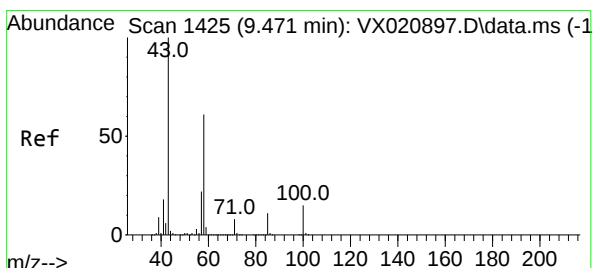
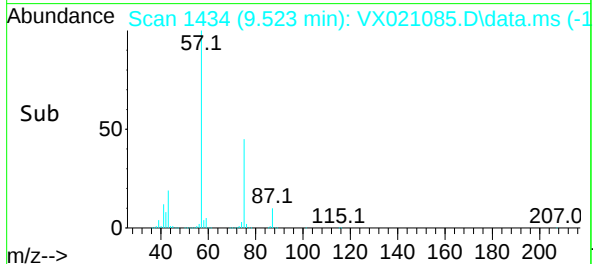
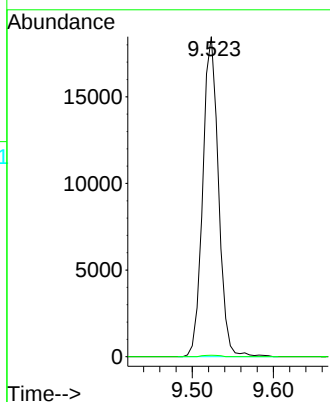
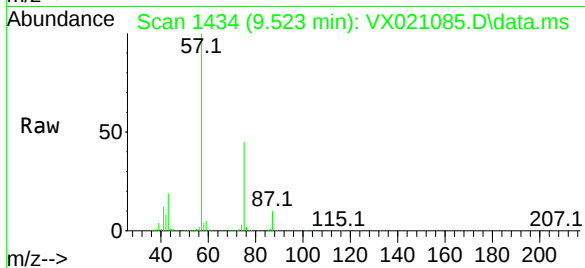




#57
1,3-Dichloropropane
Concen: 5.12 ug/l
RT: 9.523 min Scan# 1434
Delta R.T. 0.170 min
Lab File: VX021085.D
Acq: 09 Mar 2021 01:07

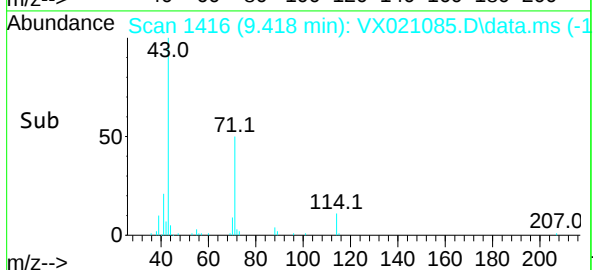
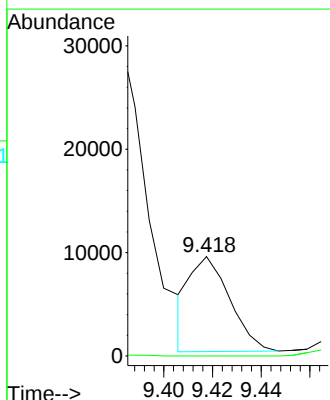
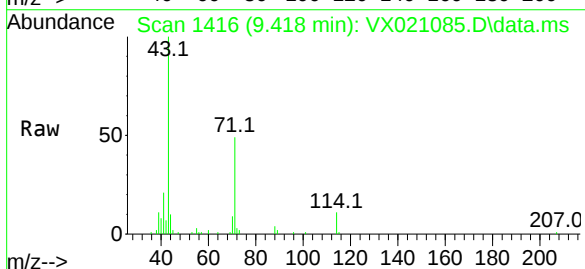
Instrument :
MSVOA_X
ClientSampleId :
PB135028ZHE#03

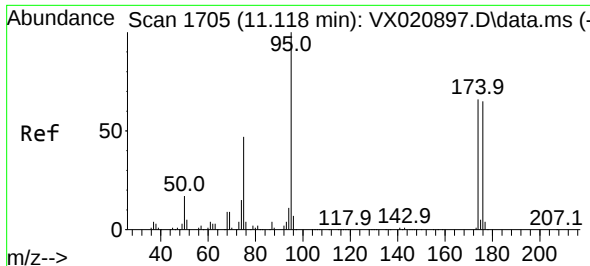
Tgt Ion: 76 Resp: 24818
Ion Ratio Lower Upper
76 100
78 0.5 26.2 39.2#



#59
2-Hexanone
Concen: 3.89 ug/l
RT: 9.418 min Scan# 1416
Delta R.T. -0.053 min
Lab File: VX021085.D
Acq: 09 Mar 2021 01:07

Tgt Ion: 43 Resp: 10516
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#

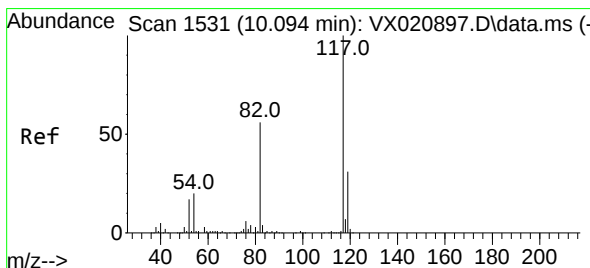
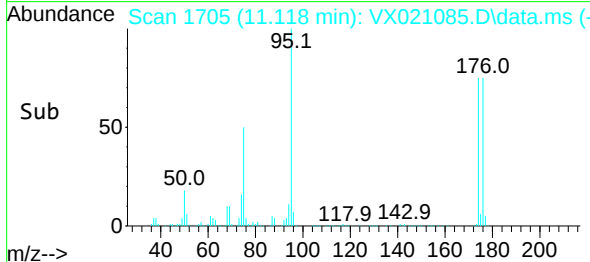
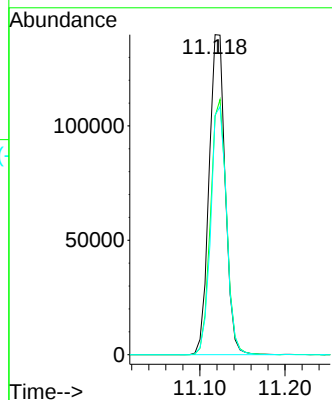
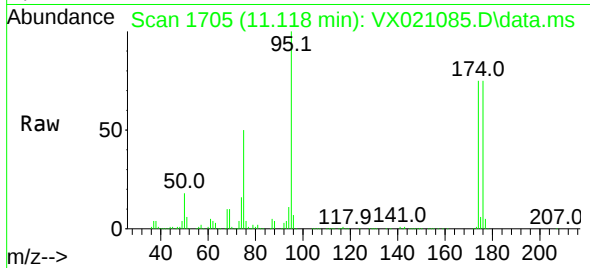




#62
4-Bromofluorobenzene
Concen: 52.24 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021085.D
Acq: 09 Mar 2021 01:07

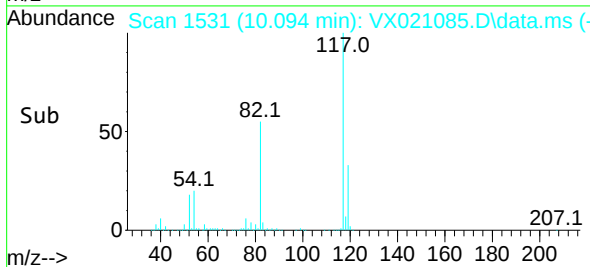
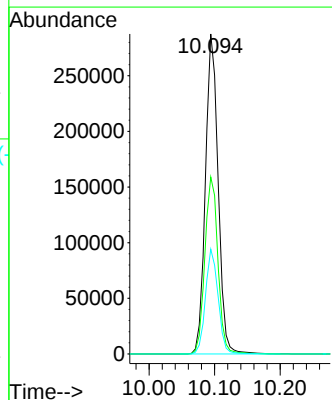
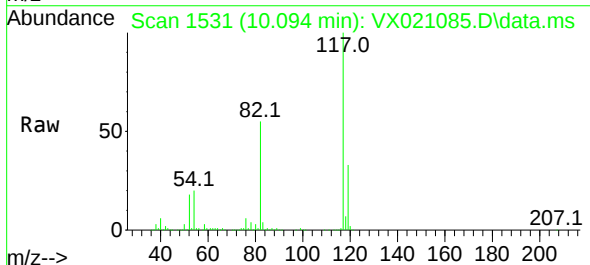
Instrument :
MSVOA_X
ClientSampleId :
PB135028ZHE#03

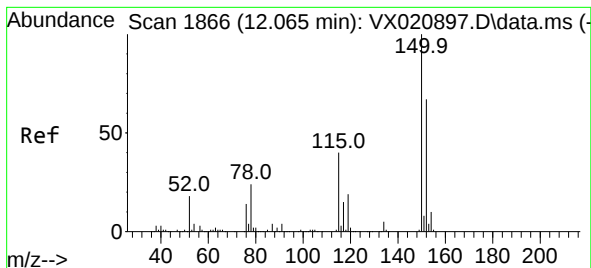
Tgt Ion: 95 Resp: 184246
Ion Ratio Lower Upper
95 100
174 78.7 0.0 154.6
176 76.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021085.D
Acq: 09 Mar 2021 01:07

Tgt Ion: 117 Resp: 389029
Ion Ratio Lower Upper
117 100
82 55.3 47.4 71.2
119 32.7 26.6 39.8

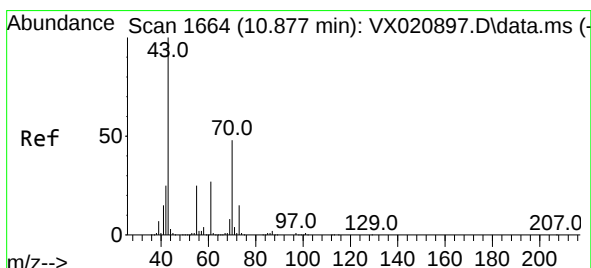
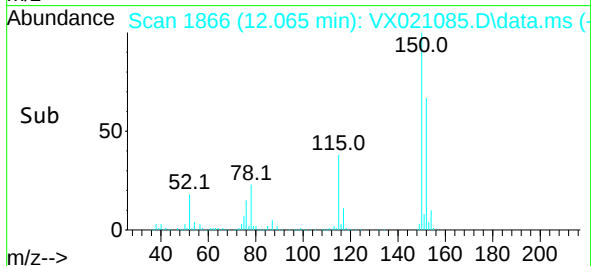
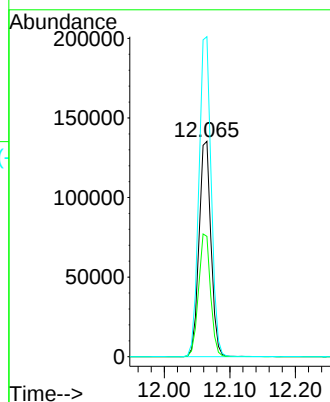
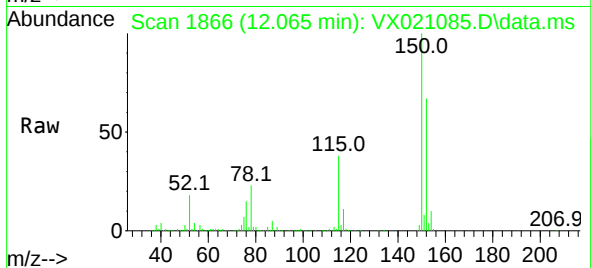




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VX021085.D
Acq: 09 Mar 2021 01:07

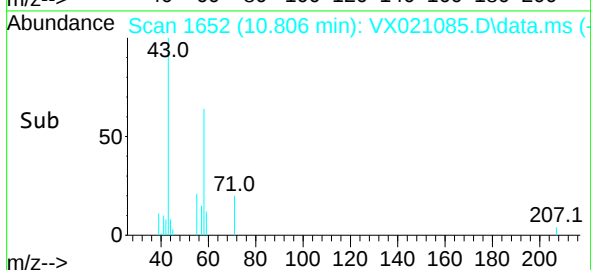
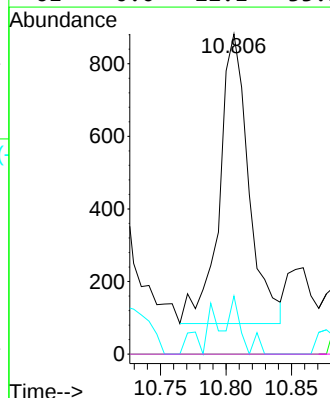
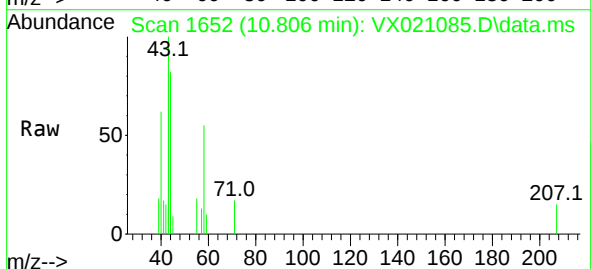
Instrument :
MSVOA_X
ClientSampleId :
PB135028ZHE#03

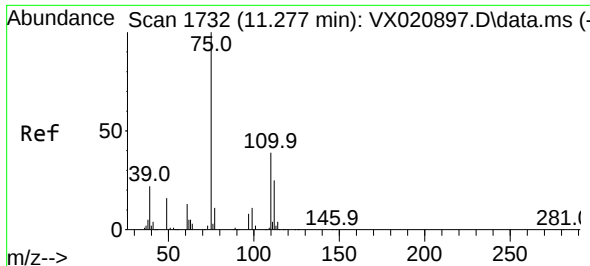
Tgt Ion:152 Resp: 171781
Ion Ratio Lower Upper
152 100
115 57.1 41.1 123.3
150 152.5 0.0 349.0



#74
N-ethyl acetate
Concen: 0.23 ug/l
RT: 10.806 min Scan# 1652
Delta R.T. -0.071 min
Lab File: VX021085.D
Acq: 09 Mar 2021 01:07

Tgt Ion: 43 Resp: 1248
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.6#
55 18.8 21.5 32.3#
61 0.0 22.1 33.1#

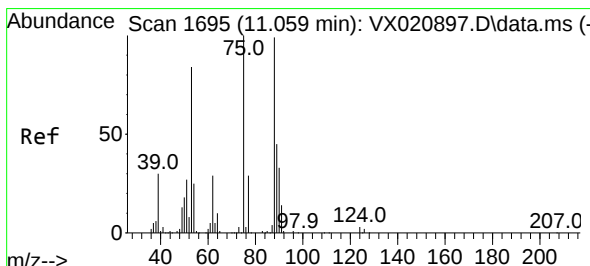
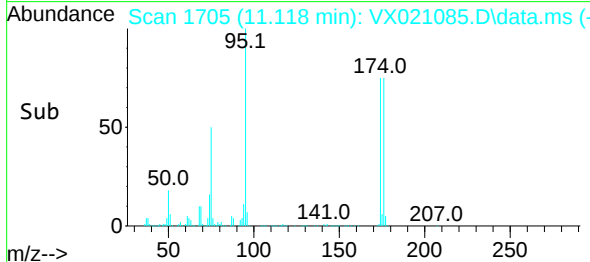
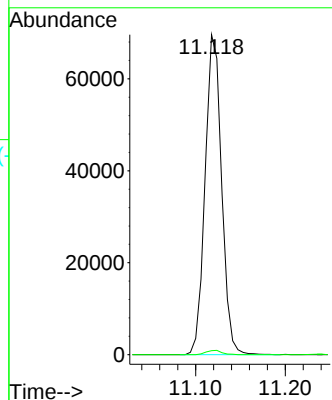
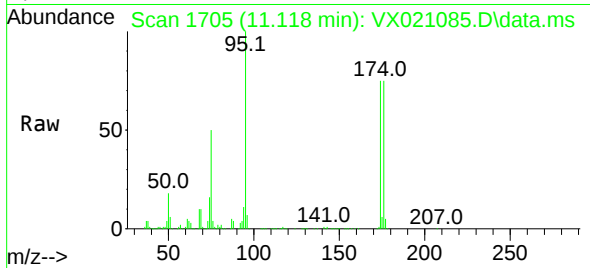




#76
1,2,3-Trichloropropane
Concen: 24.06 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021085.D
Acq: 09 Mar 2021 01:07

Instrument :
MSVOA_X
ClientSampleId :
PB135028ZHE#03

Tgt Ion: 75 Resp: 88907
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 53.27 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021085.D
Acq: 09 Mar 2021 01:07

Tgt Ion: 75 Resp: 88907
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

