

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061422\
 Data File : VN072854.D
 Acq On : 15 Jun 2022 01:05
 Operator : JC\MD
 Sample : PB145494ZHE#06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB145494ZHE#06

Quant Time: Jun 15 04:37:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 15 04:13:32 2022
 Response via : Initial Calibration

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

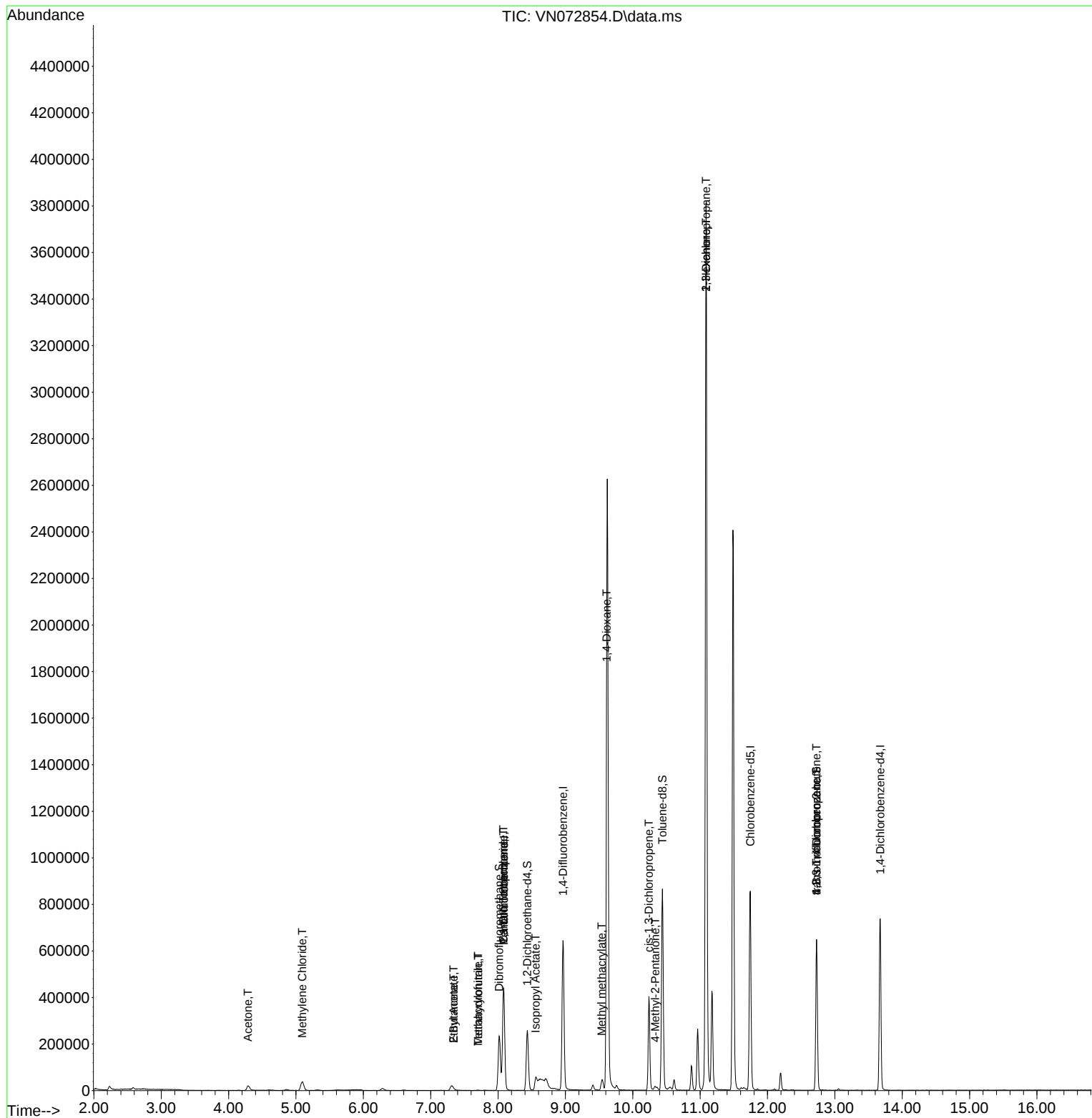
Internal Standards						
1) Pentafluorobenzene	8.087	168	322502	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	557386	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	494638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	195976	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	211784	42.401	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	84.800%		
35) Dibromofluoromethane	8.016	113	171894	49.811	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.620%		
50) Toluene-d8	10.439	98	586177	43.042	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	86.080%		
62) 4-Bromofluorobenzene	12.727	95	230846	50.495	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.000%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.305	50	757	Below Cal	#	43
4) Vinyl Chloride	2.434	62	63	Below Cal	#	1
6) Chloroethane	3.052	64	384	Below Cal	#	42
16) Acetone	4.287	43	40013	14.333	ug/l #	88
17) Carbon Disulfide	4.534	76	118	Below Cal	#	75
18) Methyl Acetate	4.857	43	9663	Below Cal	#	71
20) Methylene Chloride	5.093	84	29232	6.663	ug/l	96
25) 2-Butanone	7.340	43	11138	2.518	ug/l	94
29) Tetrahydrofuran	7.704	42	1110	0.393	ug/l #	55
31) Cyclohexane	8.081	56	8256	Below Cal	#	41
36) 1,1-Dichloropropene	8.081	75	28474	6.178	ug/l #	49
37) Ethyl Acetate	7.340	43	11138	1.432	ug/l #	67
38) Carbon Tetrachloride	8.081	117	34860	7.577	ug/l #	16
41) Methacrylonitrile	7.704	41	867	0.217	ug/l #	23
43) Isopropyl Acetate	8.557	43	76145	6.646	ug/l #	74
48) Methyl methacrylate	9.539	41	13940	2.552	ug/l #	10
49) 1,4-Dioxane	9.610	88	339	3.060	ug/l #	1
51) 4-Methyl-2-Pentanone	10.334	43	9914	1.263	ug/l	96
54) cis-1,3-Dichloropropene	10.239	75	67960	11.632	ug/l #	70
57) 1,3-Dichloropropane	11.086	76	37905	5.398	ug/l #	42
59) 2-Hexanone	11.086	43	635712	107.830	ug/l #	44
76) 1,2,3-Trichloropropane	12.727	75	122531	21.676	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	122531	67.410	ug/l #	10

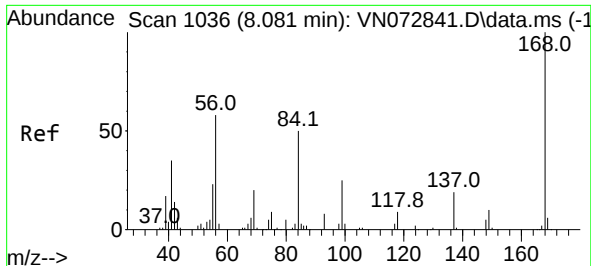
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061422\
Data File : VN072854.D
Acq On : 15 Jun 2022 01:05
Operator : JC\MD
Sample : PB145494ZHE#06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
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Quant Time: Jun 15 04:37:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061422W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 15 04:13:32 2022
Response via : Initial Calibration

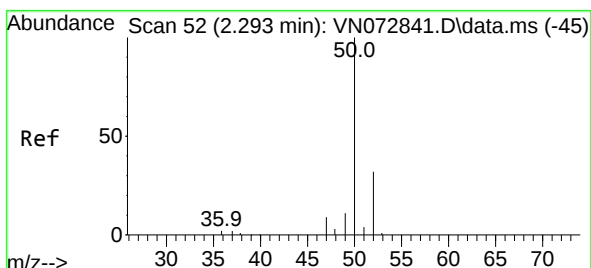
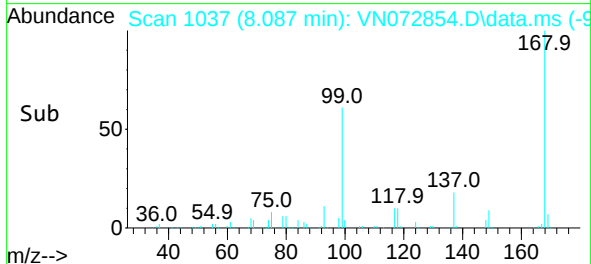
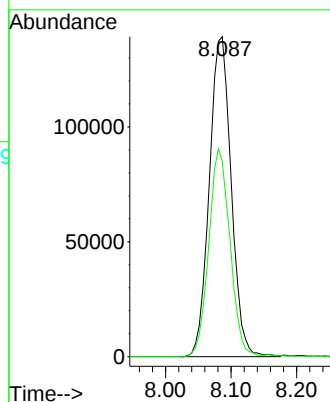
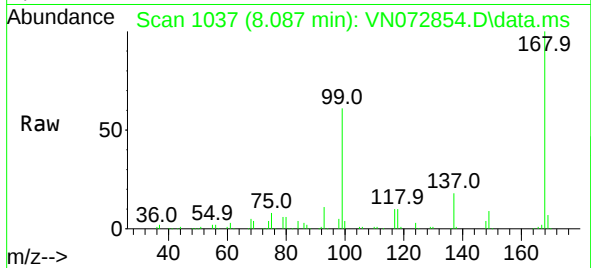




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VN072854.D
Acq: 15 Jun 2022 01:05

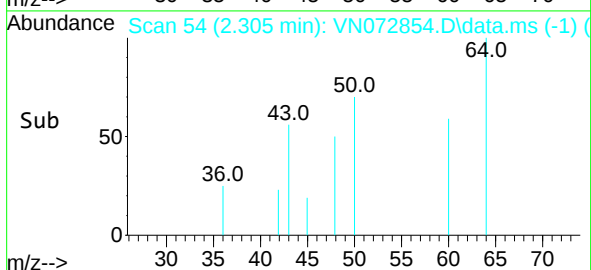
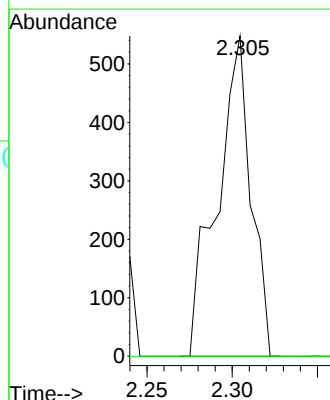
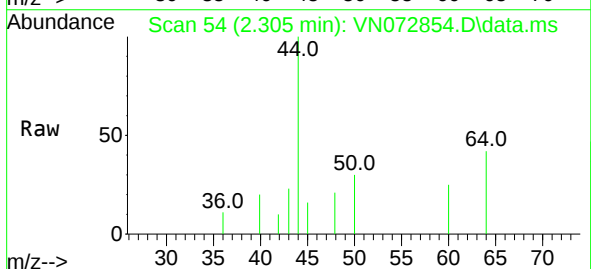
Instrument :
MSVOA_N
ClientSampleId :
PB145494ZHE#06

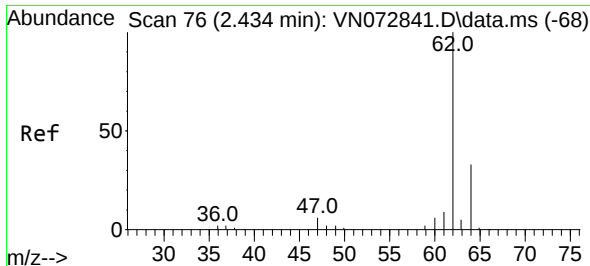
Tgt Ion:168 Resp: 322502
Ion Ratio Lower Upper
168 100
99 61.1 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.305 min Scan# 54
Delta R.T. 0.012 min
Lab File: VN072854.D
Acq: 15 Jun 2022 01:05

Tgt Ion: 50 Resp: 757
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

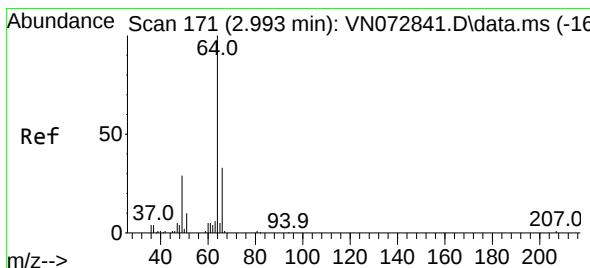
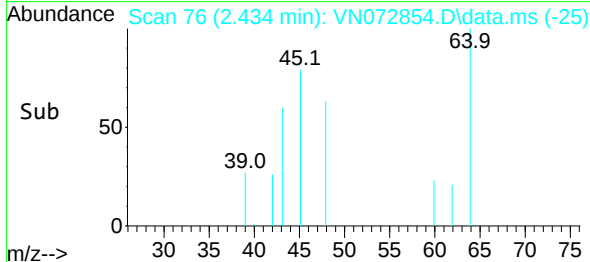
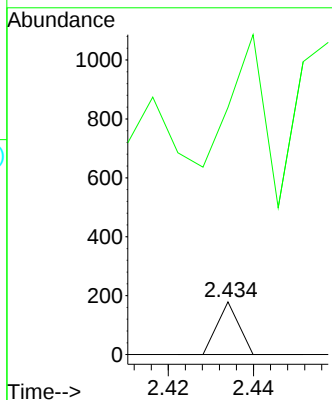
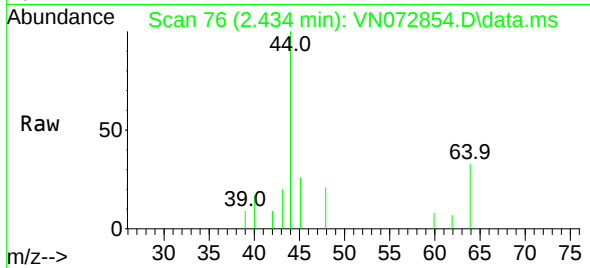




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 2.434 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VN072854.D
 Acq: 15 Jun 2022 01:05

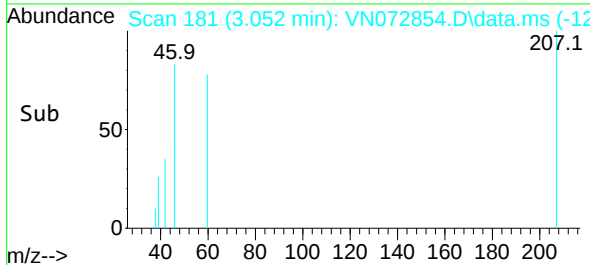
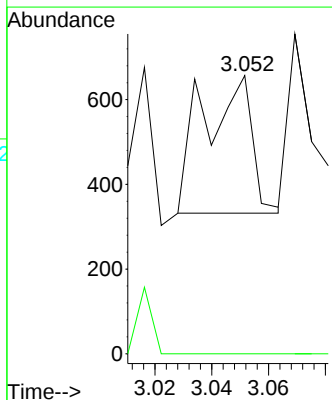
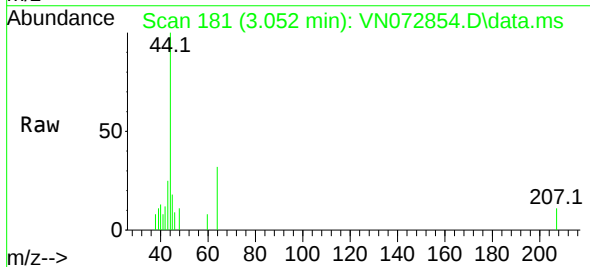
Instrument :
 MSVOA_N
 ClientSampleId :
 PB145494ZHE#06

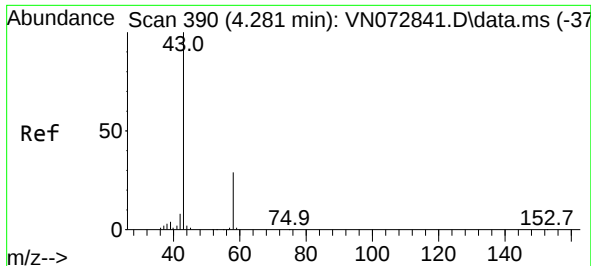
Tgt Ion: 62 Resp: 63
 Ion Ratio Lower Upper
 62 100
 64 190.5 25.0 37.4#



#6
 Chloroethane
 Concen: Below Cal
 RT: 3.052 min Scan# 181
 Delta R.T. 0.059 min
 Lab File: VN072854.D
 Acq: 15 Jun 2022 01:05

Tgt Ion: 64 Resp: 384
 Ion Ratio Lower Upper
 64 100
 66 0.0 26.2 39.4#

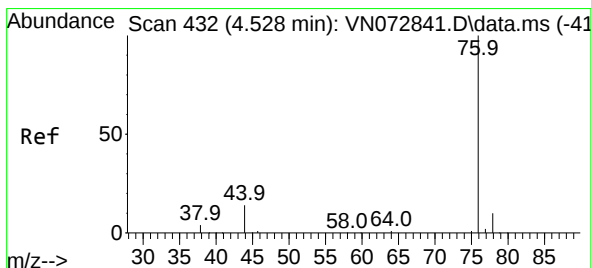
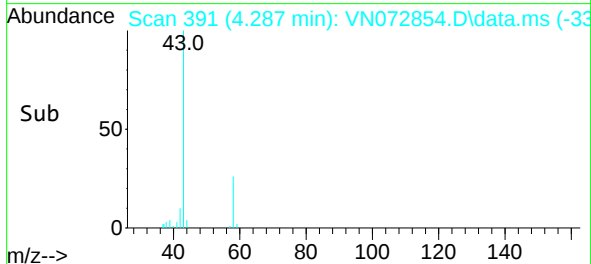
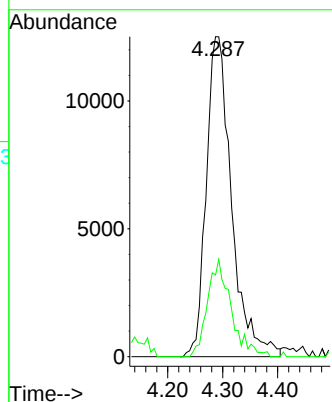
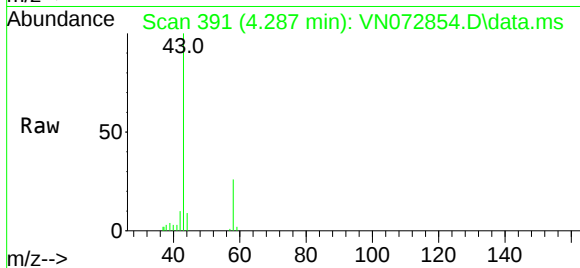




#16
Acetone
Concen: 14.333 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072854.D
Acq: 15 Jun 2022 01:05

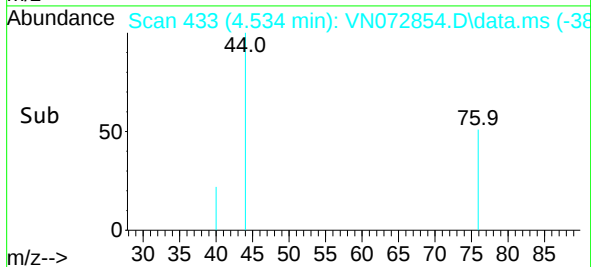
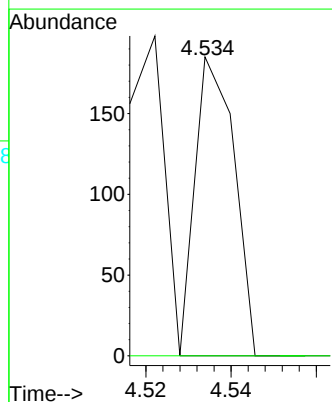
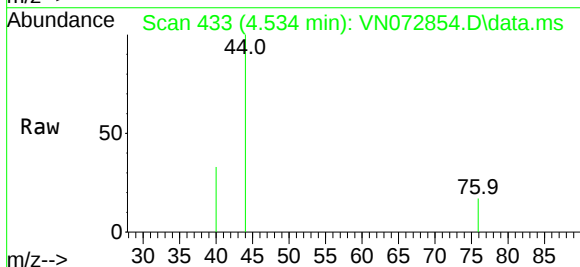
Instrument :
MSVOA_N
ClientSampleId :
PB145494ZHE#06

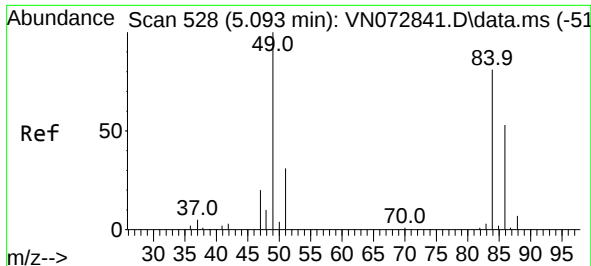
Tgt Ion: 43 Resp: 40013
Ion Ratio Lower Upper
43 100
58 25.6 26.0 39.0#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.534 min Scan# 433
Delta R.T. 0.006 min
Lab File: VN072854.D
Acq: 15 Jun 2022 01:05

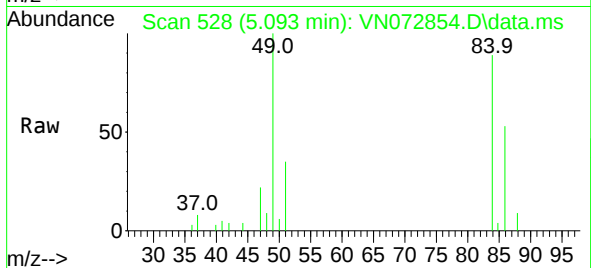
Tgt Ion: 76 Resp: 118
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



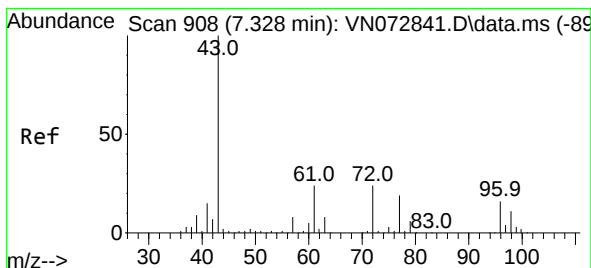
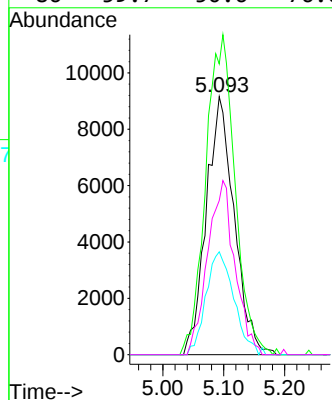


#20
Methylene Chloride
Concen: 6.663 ug/l
RT: 5.093 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072854.D
Acq: 15 Jun 2022 01:05

Instrument :
MSVOA_N
ClientSampleId :
PB145494ZHE#06

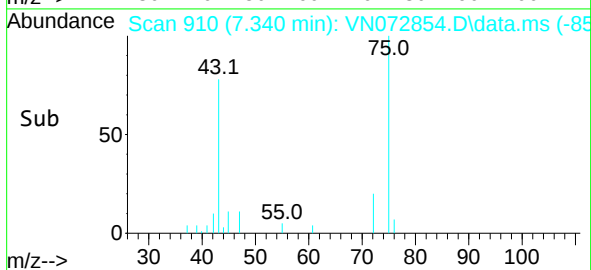
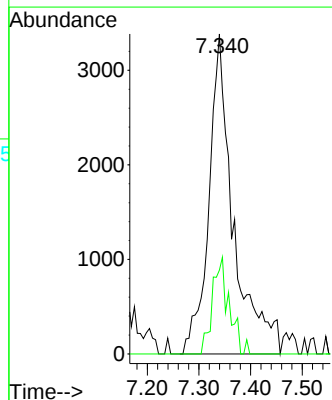
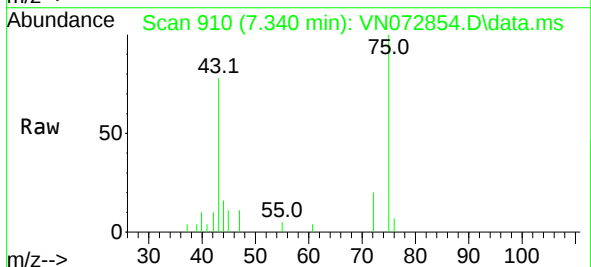


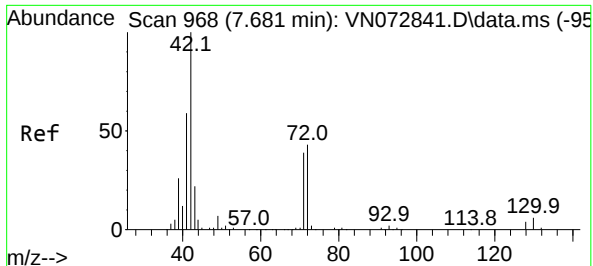
Tgt Ion:	84	Resp:	29232
Ion	Ratio	Lower	Upper
84	100		
49	112.7	88.3	132.5
51	39.9	28.2	42.2
86	59.7	50.6	76.0



#25
2-Butanone
Concen: 2.518 ug/l
RT: 7.340 min Scan# 910
Delta R.T. 0.012 min
Lab File: VN072854.D
Acq: 15 Jun 2022 01:05

Tgt Ion:	43	Resp:	11138
Ion	Ratio	Lower	Upper
43	100		
72	26.2	23.7	35.5





#29

Tetrahydrofuran

Concen: 0.393 ug/l

RT: 7.704 min Scan# 91

Delta R.T. 0.023 min

Lab File: VN072854.D

Acq: 15 Jun 2022 01:05

Instrument :

MSVOA_N

ClientSampleId :

PB145494ZHE#06

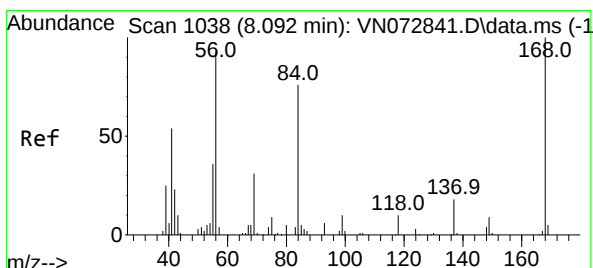
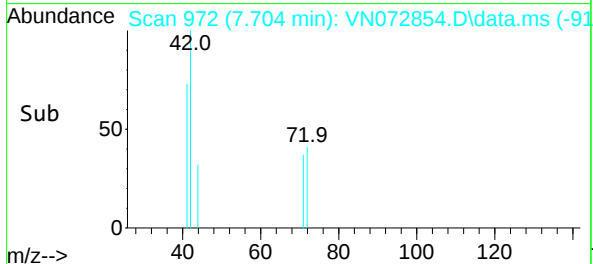
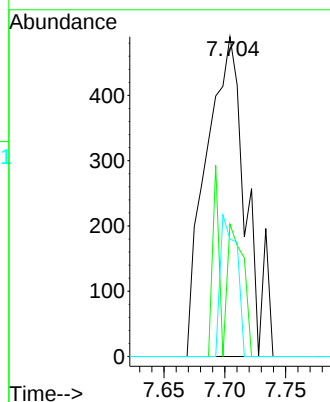
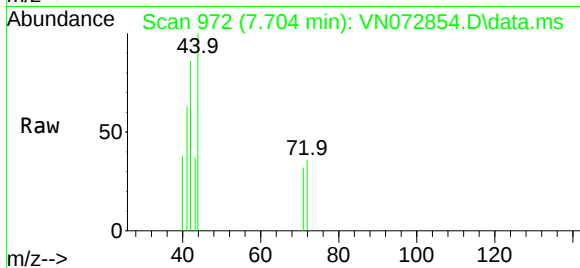
Tgt Ion: 42 Resp: 1110

Ion Ratio Lower Upper

42 100

72 16.7 39.7 59.5#

71 18.2 36.6 55.0#



#31

Cyclohexane

Concen: Below Cal

RT: 8.081 min Scan# 1036

Delta R.T. -0.011 min

Lab File: VN072854.D

Acq: 15 Jun 2022 01:05

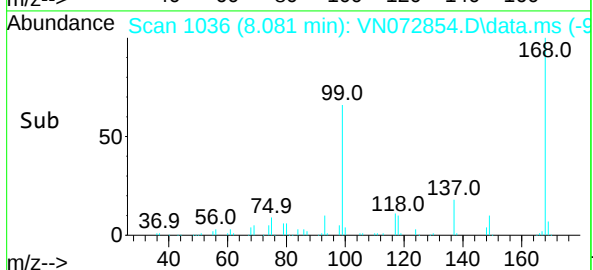
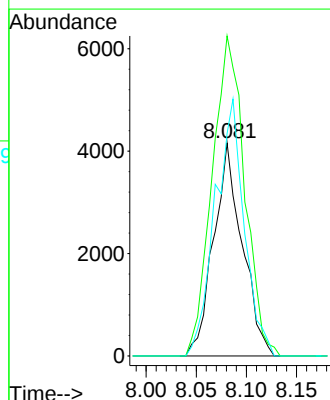
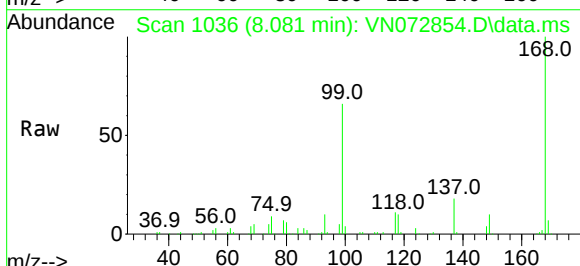
Tgt Ion: 56 Resp: 8256

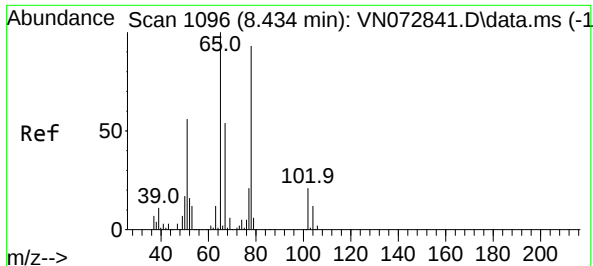
Ion Ratio Lower Upper

56 100

69 150.1 27.8 41.8#

84 104.3 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 42.401 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072854.D

Acq: 15 Jun 2022 01:05

Instrument :

MSVOA_N

ClientSampleId :

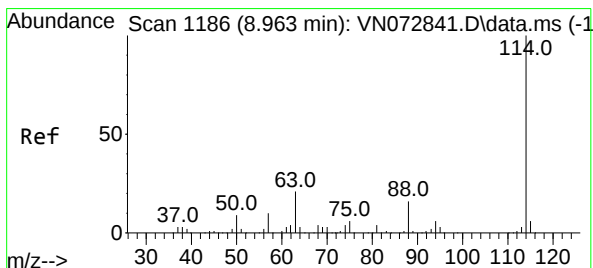
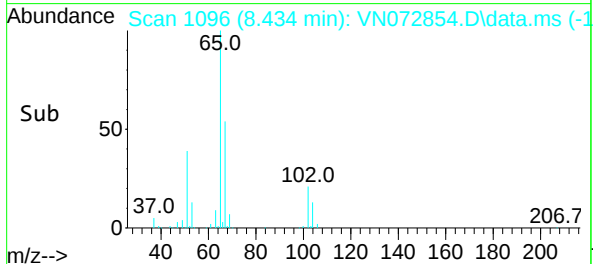
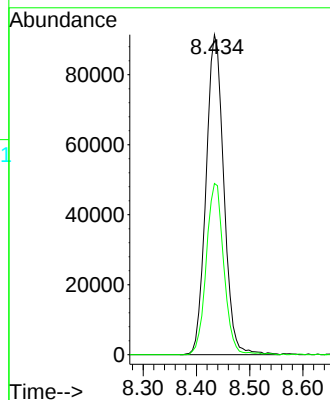
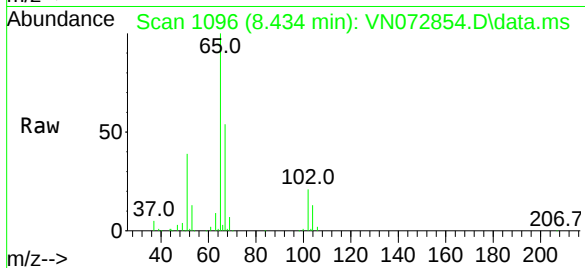
PB145494ZHE#06

Tgt Ion: 65 Resp: 211784

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN072854.D

Acq: 15 Jun 2022 01:05

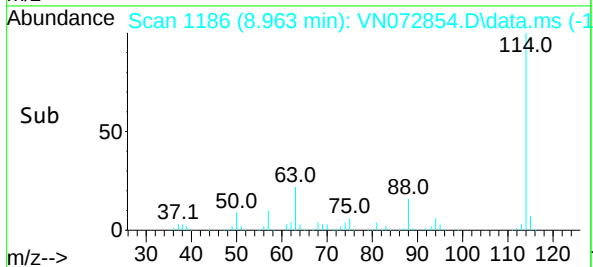
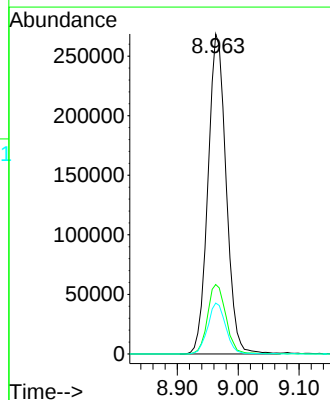
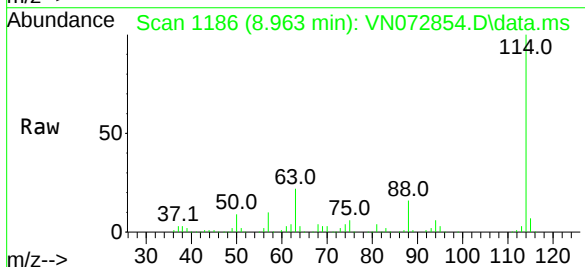
Tgt Ion: 114 Resp: 557386

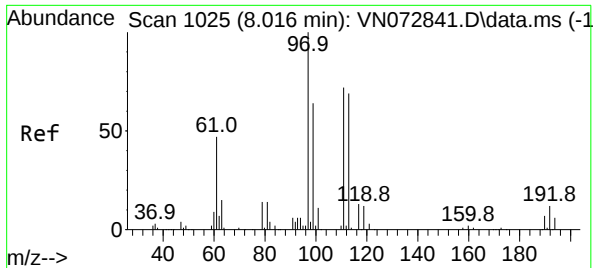
Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.0

88 15.9 0.0 32.6

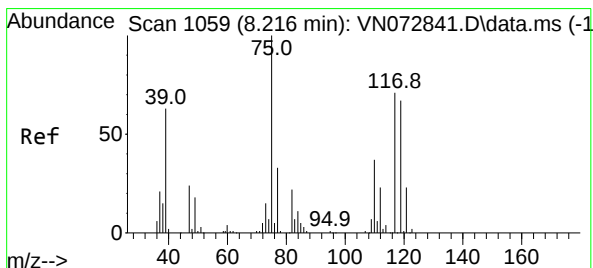
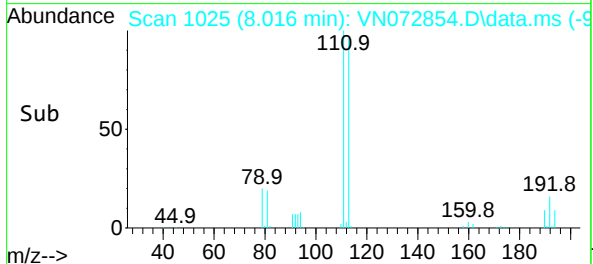
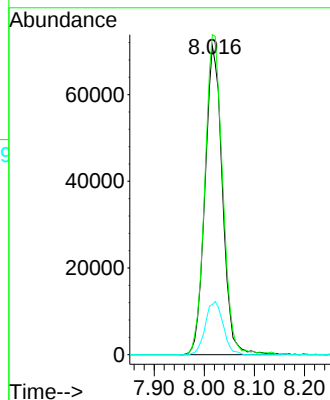
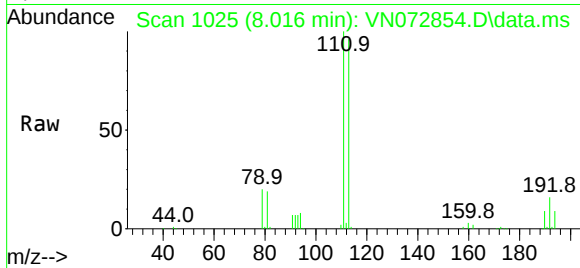




#35
Dibromofluoromethane
Concen: 49.811 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.000 min
Lab File: VN072854.D
Acq: 15 Jun 2022 01:05

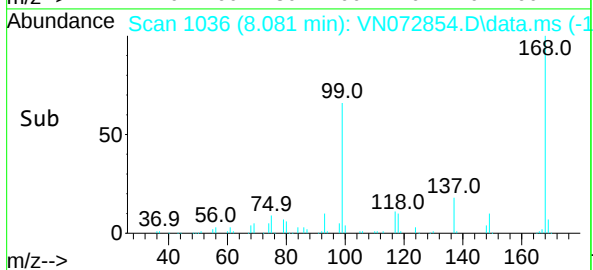
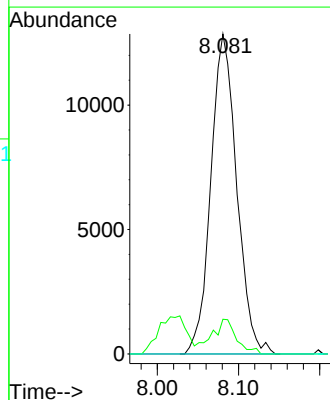
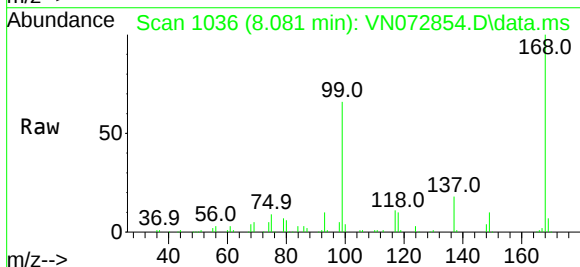
Instrument :
MSVOA_N
ClientSampleId :
PB145494ZHE#06

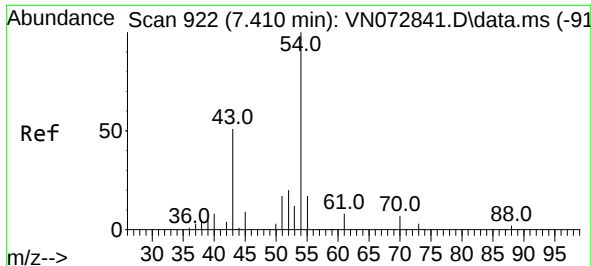
Tgt Ion:113 Resp: 171894
Ion Ratio Lower Upper
113 100
111 105.6 81.4 122.0
192 17.6 17.0 25.6



#36
1,1-Dichloropropene
Concen: 6.178 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN072854.D
Acq: 15 Jun 2022 01:05

Tgt Ion: 75 Resp: 28474
Ion Ratio Lower Upper
75 100
110 9.3 18.3 54.8#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 1.432 ug/l

RT: 7.340 min Scan# 91

Delta R.T. -0.070 min

Lab File: VN072854.D

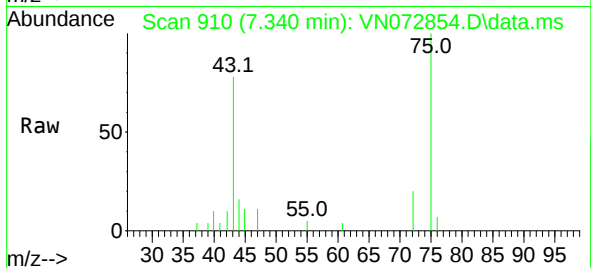
Acq: 15 Jun 2022 01:05

Instrument :

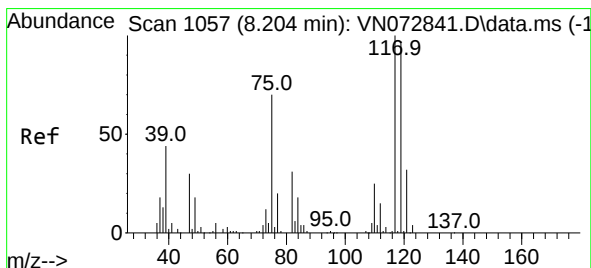
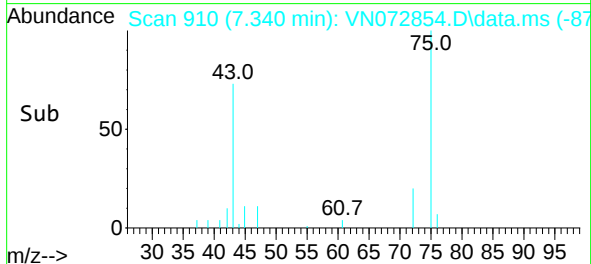
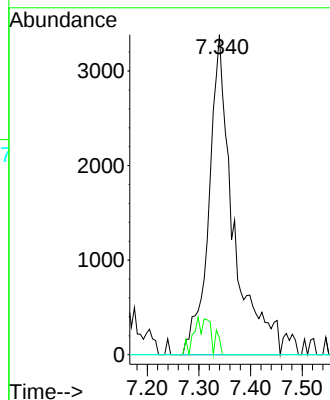
MSVOA_N

ClientSampleId :

PB145494ZHE#06



Tgt Ion: 43	Resp: 11138
Ion Ratio	Lower Upper
43	100
61	0.0 11.8 17.6#
70	0.0 9.3 13.9#



#38

Carbon Tetrachloride

Concen: 7.577 ug/l

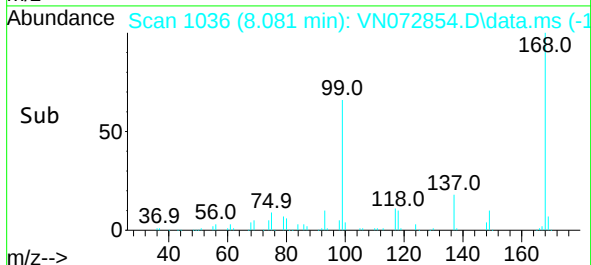
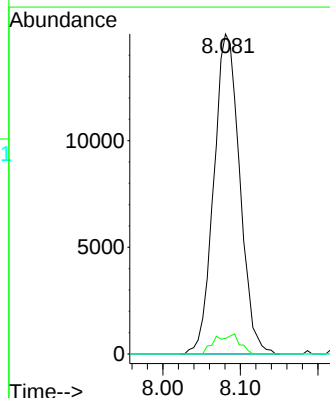
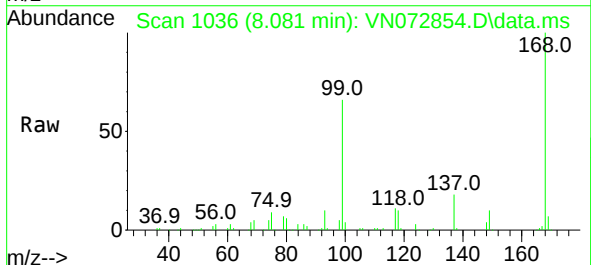
RT: 8.081 min Scan# 1036

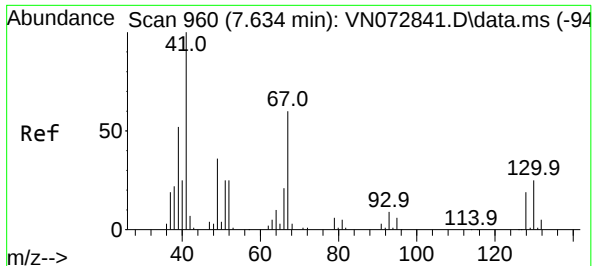
Delta R.T. -0.123 min

Lab File: VN072854.D

Acq: 15 Jun 2022 01:05

Tgt Ion: 117	Resp: 34860
Ion Ratio	Lower Upper
117	100
119	4.9 75.8 113.8#
121	0.0 24.6 37.0#

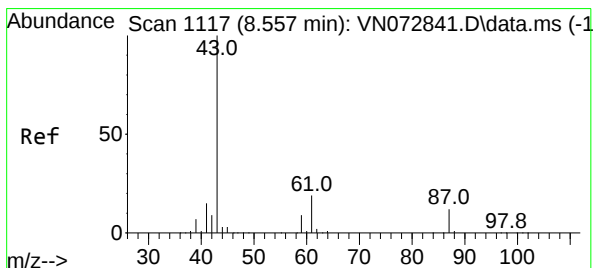
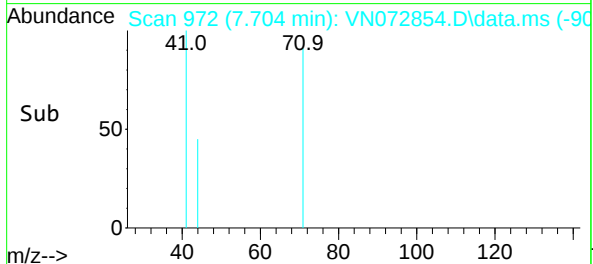
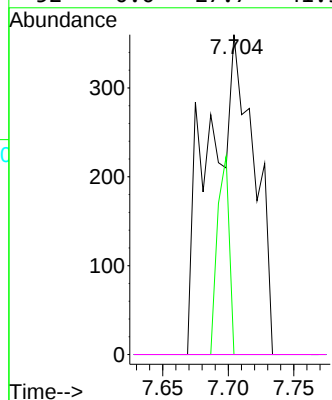
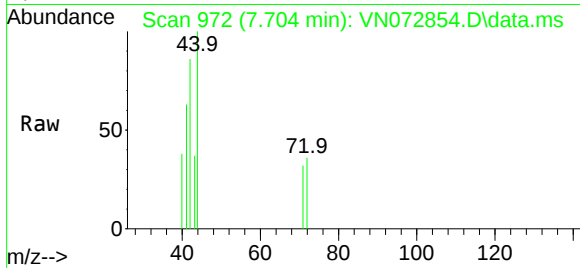




#41
Methacrylonitrile
Concen: 0.217 ug/l
RT: 7.704 min Scan# 91
Delta R.T. 0.070 min
Lab File: VN072854.D
Acq: 15 Jun 2022 01:05

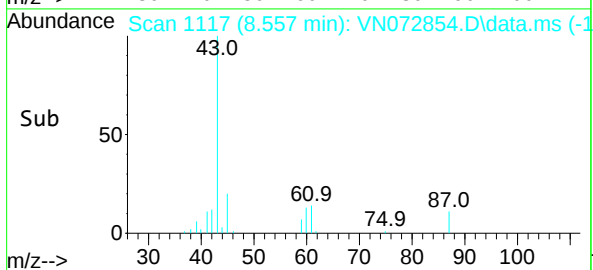
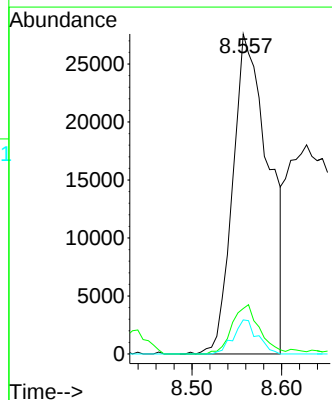
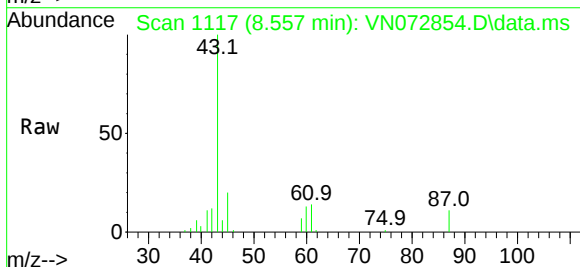
Instrument :
MSVOA_N
ClientSampleId :
PB145494ZHE#06

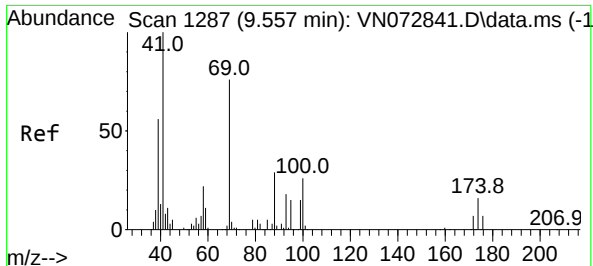
Tgt Ion: 41 Resp: 867
Ion Ratio Lower Upper
41 100
39 16.0 48.6 73.0#
67 0.0 73.4 110.2#
52 0.0 27.7 41.5#



#43
Isopropyl Acetate
Concen: 6.646 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072854.D
Acq: 15 Jun 2022 01:05

Tgt Ion: 43 Resp: 76145
Ion Ratio Lower Upper
43 100
61 11.9 21.9 32.9#
87 7.2 12.0 18.0#

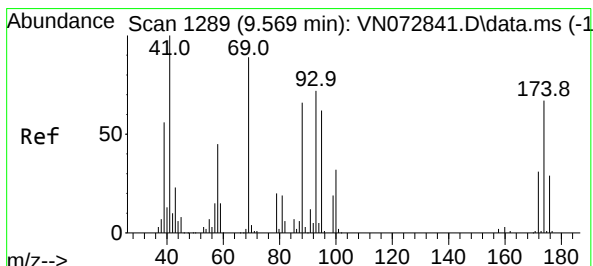
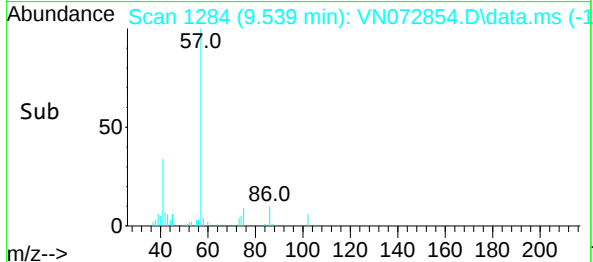
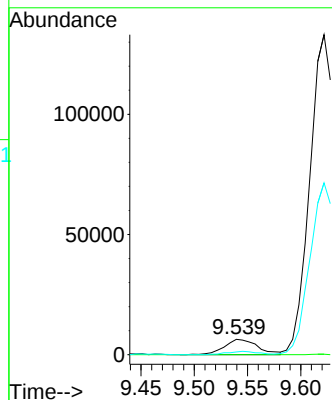
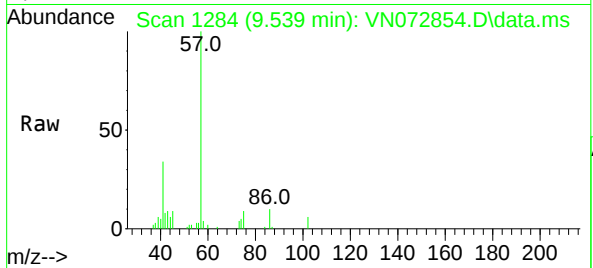




#48
Methyl methacrylate
Concen: 2.552 ug/l
RT: 9.539 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN072854.D
Acq: 15 Jun 2022 01:05

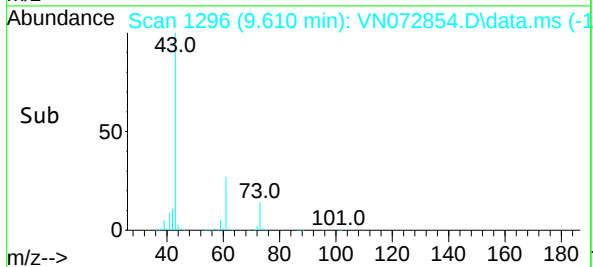
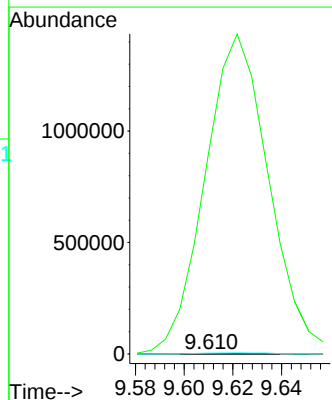
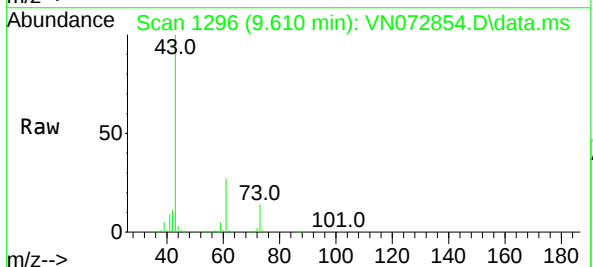
Instrument :
MSVOA_N
ClientSampleId :
PB145494ZHE#06

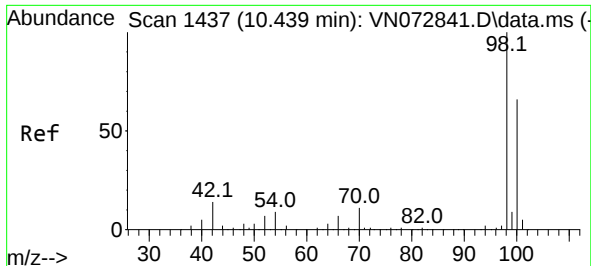
Tgt Ion: 41 Resp: 13940
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 0.0 45.6 68.4#



#49
1,4-Dioxane
Concen: 3.060 ug/l
RT: 9.610 min Scan# 1296
Delta R.T. 0.041 min
Lab File: VN072854.D
Acq: 15 Jun 2022 01:05

Tgt Ion: 88 Resp: 339
Ion Ratio Lower Upper
88 100
43 785442.5 20.2 30.4#
58 2889.4 54.2 81.4#

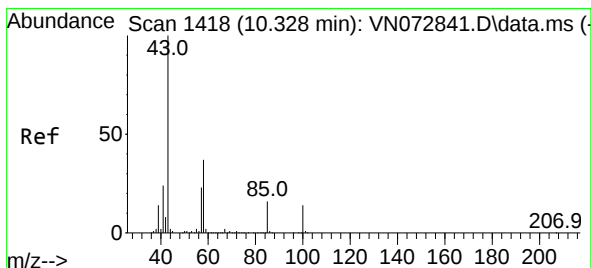
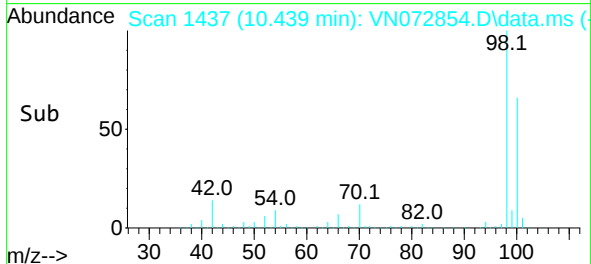
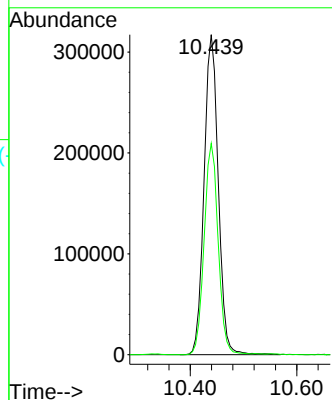
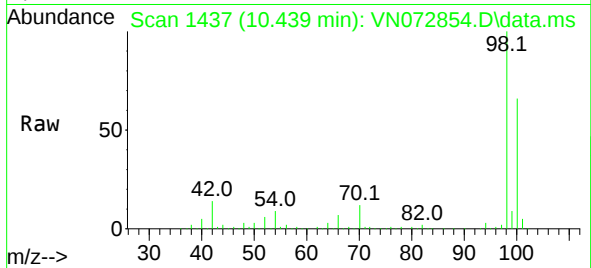




#50
Toluene-d8
Concen: 43.042 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072854.D
Acq: 15 Jun 2022 01:05

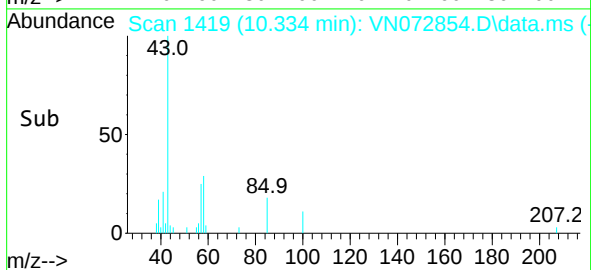
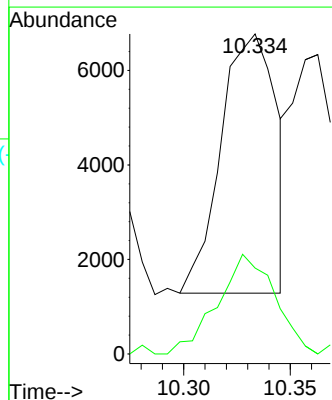
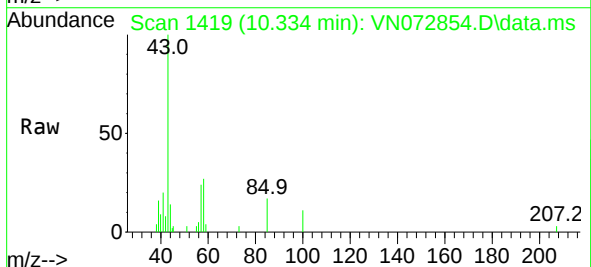
Instrument :
MSVOA_N
ClientSampleId :
PB145494ZHE#06

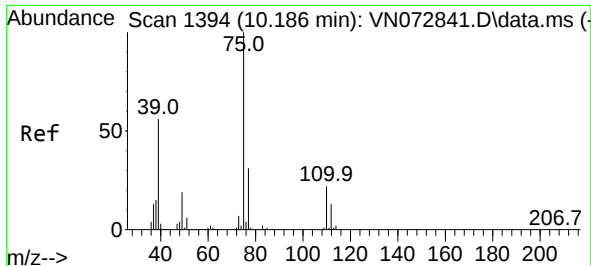
Tgt Ion: 98 Resp: 586177
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 1.263 ug/l
RT: 10.334 min Scan# 1419
Delta R.T. 0.006 min
Lab File: VN072854.D
Acq: 15 Jun 2022 01:05

Tgt Ion: 43 Resp: 9914
Ion Ratio Lower Upper
43 100
58 39.8 34.1 51.1

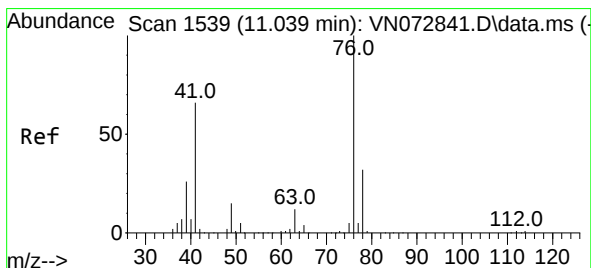
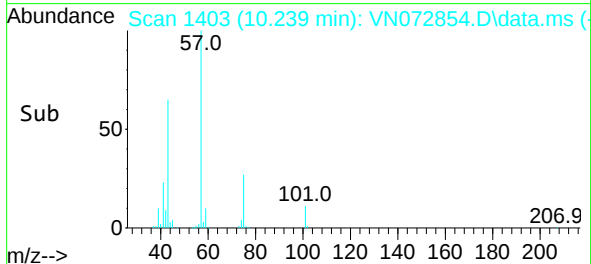
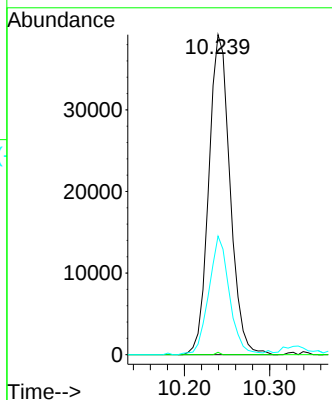
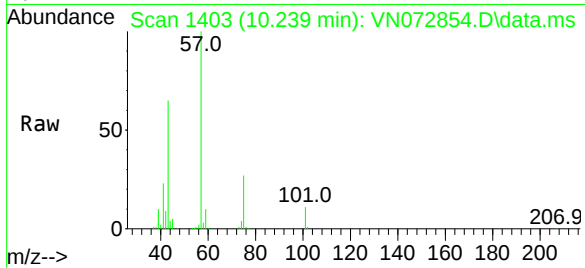




#54
 cis-1,3-Dichloropropene
 Concen: 11.632 ug/l
 RT: 10.239 min Scan# 1403
 Delta R.T. 0.053 min
 Lab File: VN072854.D
 Acq: 15 Jun 2022 01:05

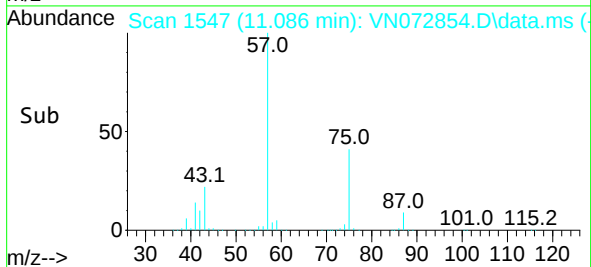
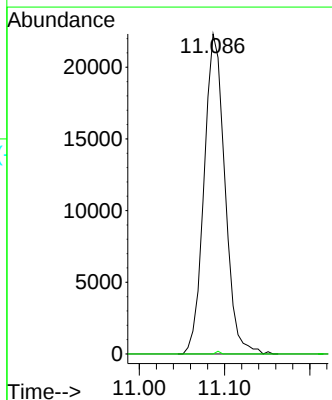
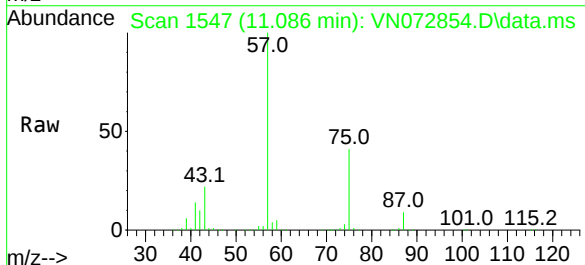
Instrument :
 MSVOA_N
 ClientSampleId :
 PB145494ZHE#06

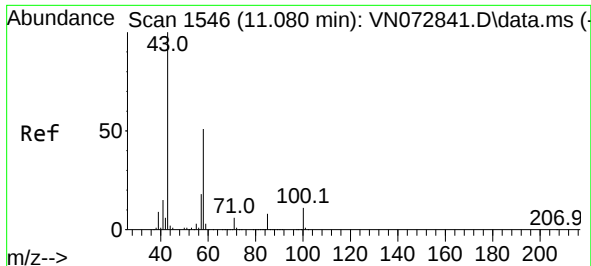
Tgt Ion: 75 Resp: 67960
 Ion Ratio Lower Upper
 75 100
 77 0.8 25.2 37.8#
 39 37.0 35.7 53.5



#57
 1,3-Dichloropropane
 Concen: 5.398 ug/l
 RT: 11.086 min Scan# 1547
 Delta R.T. 0.047 min
 Lab File: VN072854.D
 Acq: 15 Jun 2022 01:05

Tgt Ion: 76 Resp: 37905
 Ion Ratio Lower Upper
 76 100
 78 0.2 26.2 39.2#

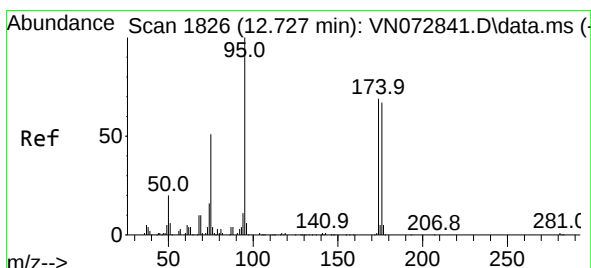
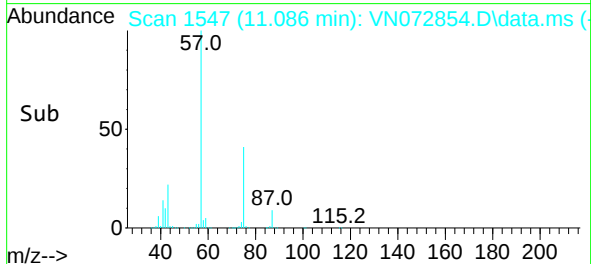
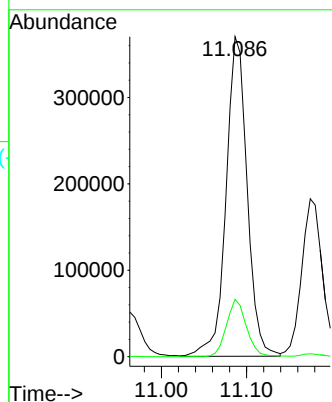
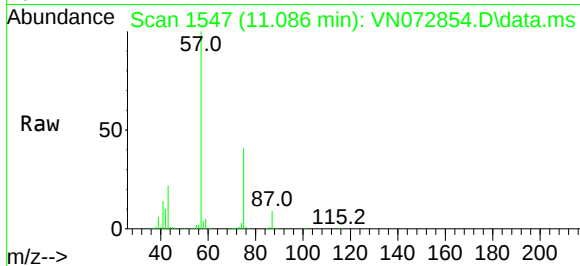




#59
2-Hexanone
Concen: 107.830 ug/l
RT: 11.086 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072854.D
Acq: 15 Jun 2022 01:05

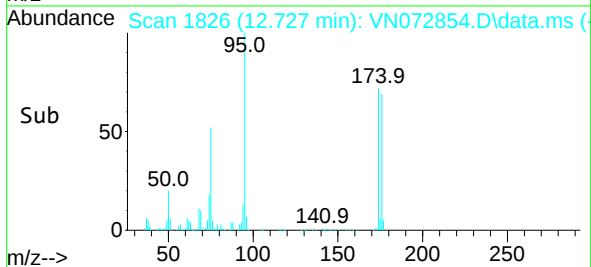
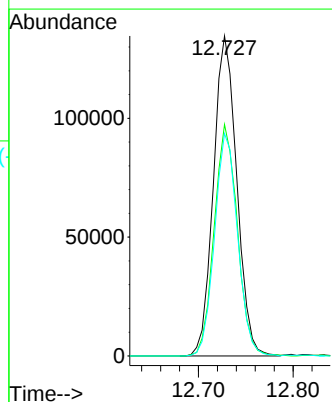
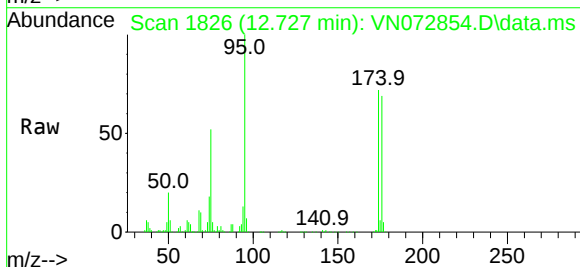
Instrument :
MSVOA_N
ClientSampleId :
PB145494ZHE#06

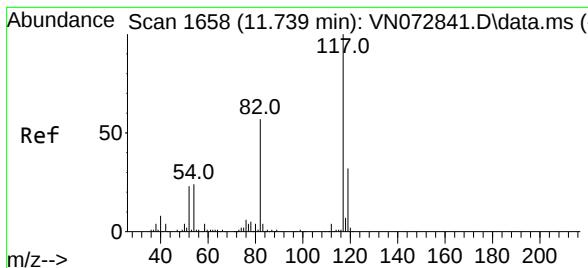
Tgt Ion: 43 Resp: 635712
Ion Ratio Lower Upper
43 100
58 17.1 29.7 89.1#



#62
4-Bromofluorobenzene
Concen: 50.495 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072854.D
Acq: 15 Jun 2022 01:05

Tgt Ion: 95 Resp: 230846
Ion Ratio Lower Upper
95 100
174 71.6 0.0 167.6
176 68.4 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.745 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN072854.D

Acq: 15 Jun 2022 01:05

Instrument :

MSVOA_N

ClientSampleId :

PB145494ZHE#06

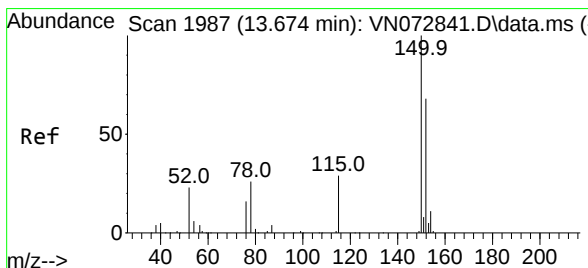
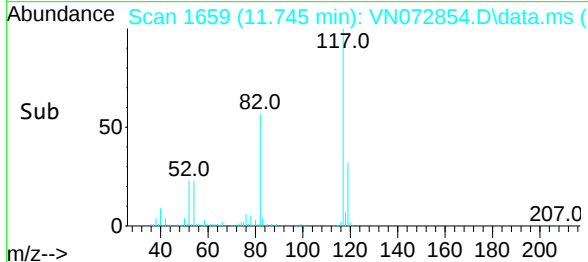
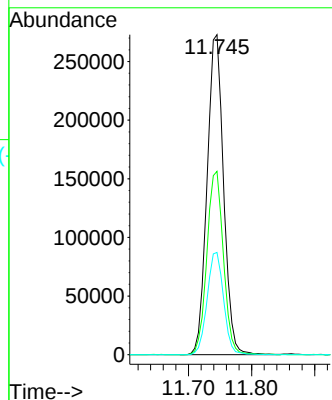
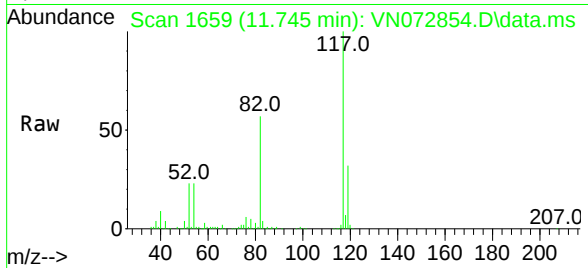
Tgt Ion:117 Resp: 494638

Ion Ratio Lower Upper

117 100

82 57.3 44.2 66.2

119 32.0 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.674 min Scan# 1987

Delta R.T. 0.000 min

Lab File: VN072854.D

Acq: 15 Jun 2022 01:05

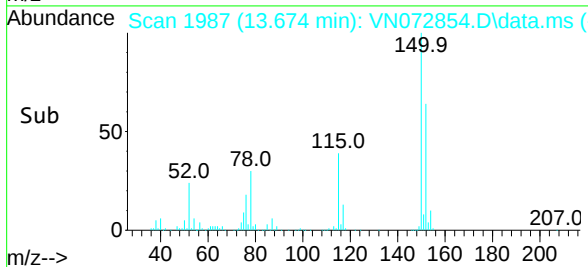
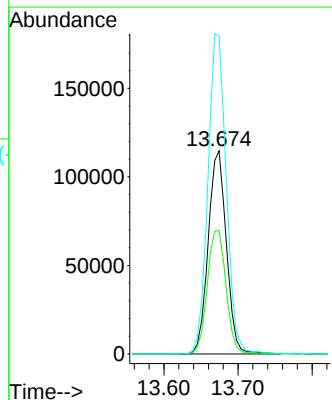
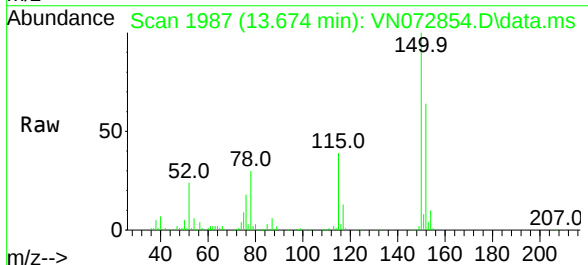
Tgt Ion:152 Resp: 195976

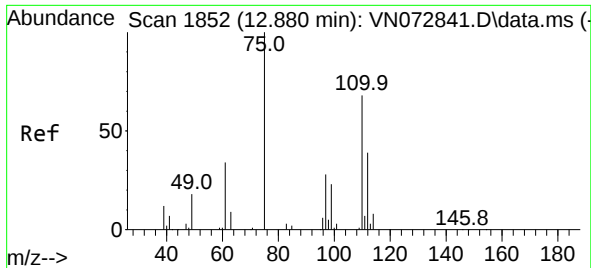
Ion Ratio Lower Upper

152 100

115 62.7 28.9 86.7

150 159.2 0.0 356.2

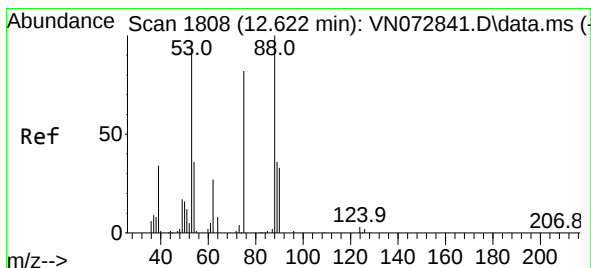
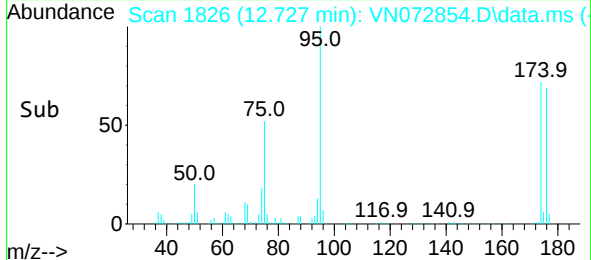
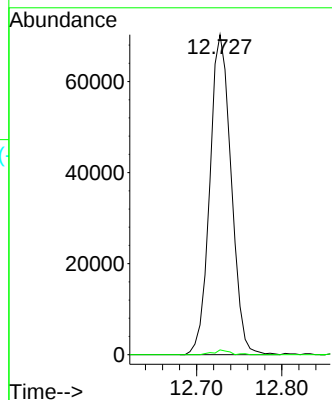
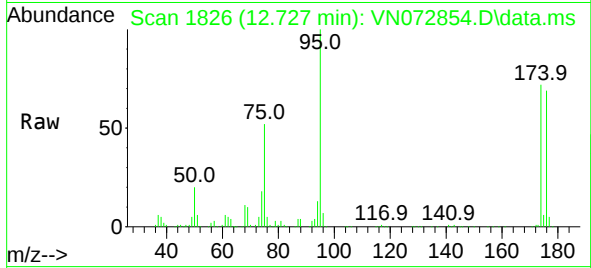




#76
1,2,3-Trichloropropane
Concen: 21.676 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.153 min
Lab File: VN072854.D
Acq: 15 Jun 2022 01:05

Instrument :
MSVOA_N
ClientSampleId :
PB145494ZHE#06

Tgt Ion: 75 Resp: 122531
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.410 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072854.D
Acq: 15 Jun 2022 01:05

Tgt Ion: 75 Resp: 122531
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

