

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051922\
 Data File : VN072564.D
 Acq On : 19 May 2022 18:52
 Operator : JC\MD
 Sample : N2965-06 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31599

Quant Time: May 20 06:55:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 02:22:47 2022
 Response via : Initial Calibration

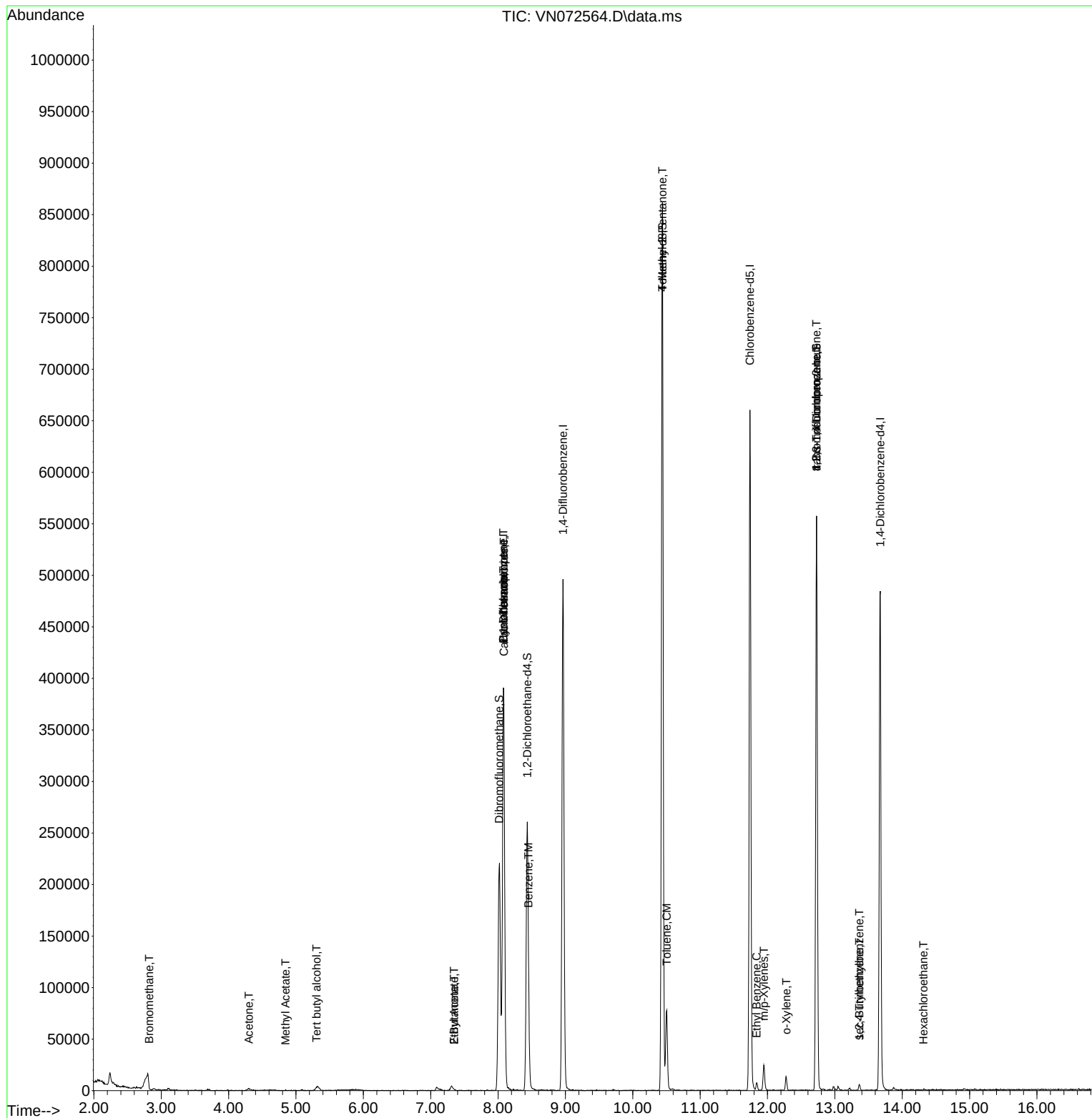
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.081	168	276985	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	416259	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	376797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	131989	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	240290	55.835	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 111.680%	
35) Dibromofluoromethane	8.016	113	161748	57.589	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 115.180%	
50) Toluene-d8	10.439	98	573325	53.928	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 107.860%	
62) 4-Bromofluorobenzene	12.727	95	184087	45.585	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 91.160%	
Target Compounds						Qvalue
5) Bromomethane	2.822	94	545	0.248	ug/l	# 54
6) Chloroethane	2.922	64	127	Below Cal	#	42
11) Tert butyl alcohol	5.304	59	1672	4.247	ug/l	# 72
16) Acetone	4.298	43	2723	2.087	ug/l	# 85
18) Methyl Acetate	4.845	43	127	0.314	ug/l	# 48
25) 2-Butanone	7.345	43	986	0.481	ug/l	# 45
31) Cyclohexane	8.081	56	6368	1.331	ug/l	# 39
36) 1,1-Dichloropropene	8.081	75	24429	6.389	ug/l	# 49
37) Ethyl Acetate	7.345	43	986	0.235	ug/l	# 67
38) Carbon Tetrachloride	8.086	117	31493	6.654	ug/l	# 17
40) Benzene	8.451	78	11211	1.003	ug/l	94
51) 4-Methyl-2-Pentanone	10.439	43	2638	0.592	ug/l	# 1
52) Toluene	10.504	92	31443	4.340	ug/l	98
67) Ethyl Benzene	11.839	91	5839	0.437	ug/l	97
68) m/p-Xylenes	11.945	106	7371	1.433	ug/l	99
69) o-Xylene	12.280	106	3290	0.628	ug/l	85
76) 1,2,3-Trichloropropane	12.727	75	109413	27.441	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.727	75	109413	114.398	ug/l	# 10
84) 1,2,4-Trimethylbenzene	13.363	105	4041	0.445	ug/l	89
85) sec-Butylbenzene	13.363	105	4041	0.387	ug/l	# 56
90) Hexachloroethane	14.315	117	535	0.348	ug/l	# 9

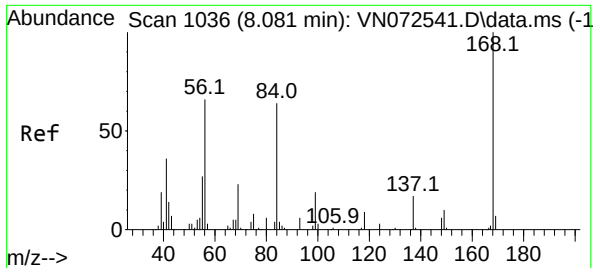
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051922\
Data File : VN072564.D
Acq On : 19 May 2022 18:52
Operator : JC\MD
Sample : N2965-06 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
31599

Quant Time: May 20 06:55:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
Quant Title : SW846 8260
QLast Update : Thu May 19 02:22:47 2022
Response via : Initial Calibration

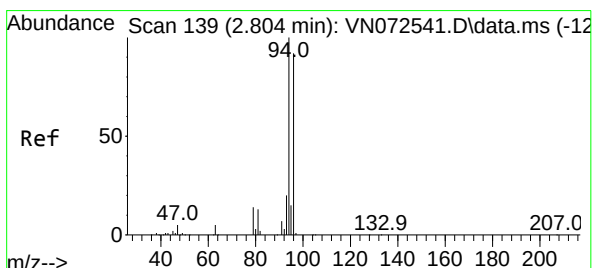
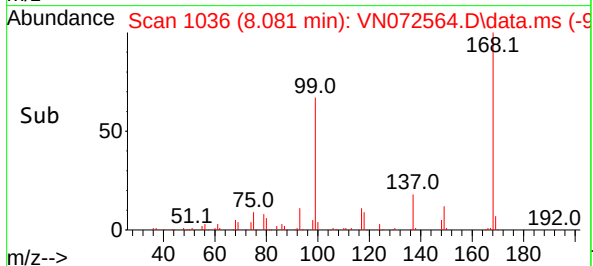
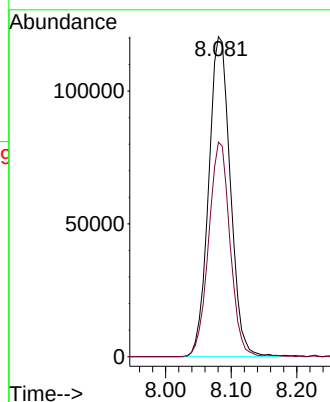
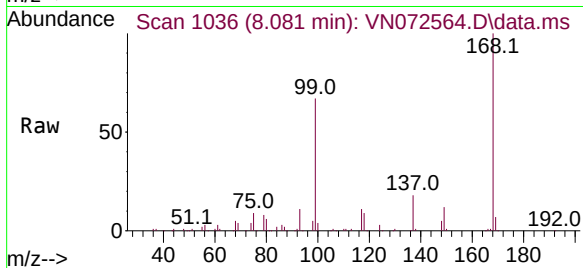




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072564.D
Acq: 19 May 2022 18:52

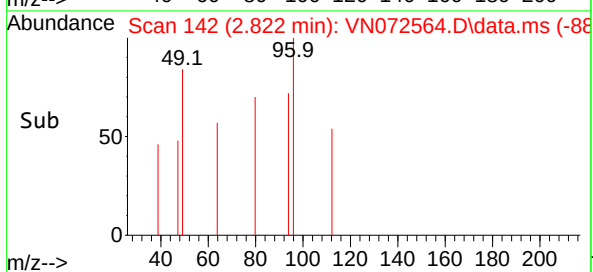
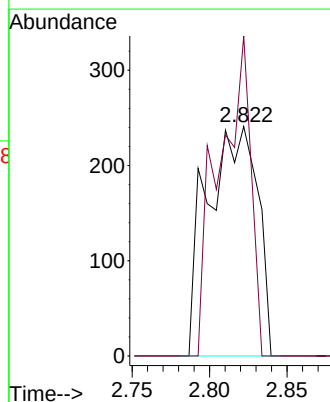
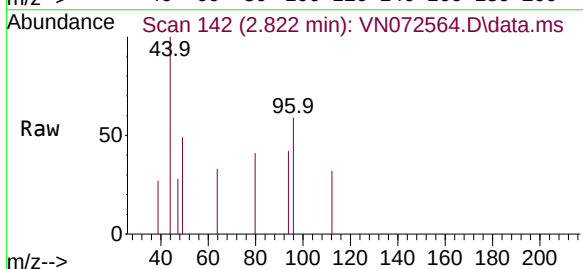
Instrument :
MSVOA_N
ClientSampleId :
31599

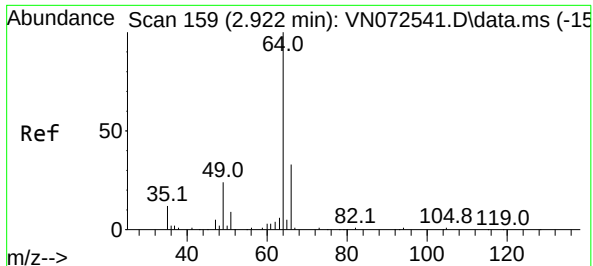
Tgt Ion:168 Resp: 276985
Ion Ratio Lower Upper
168 100
99 67.0 42.3 63.5#



#5
Bromomethane
Concen: 0.248 ug/l
RT: 2.822 min Scan# 142
Delta R.T. 0.018 min
Lab File: VN072564.D
Acq: 19 May 2022 18:52

Tgt Ion: 94 Resp: 545
Ion Ratio Lower Upper
94 100
96 139.4 76.0 114.0#

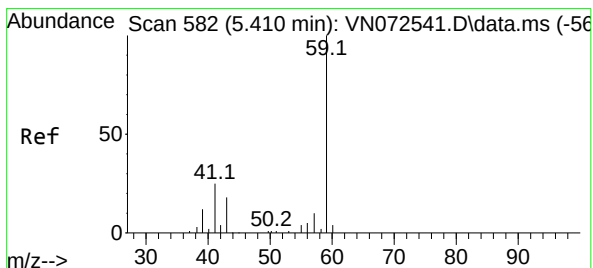
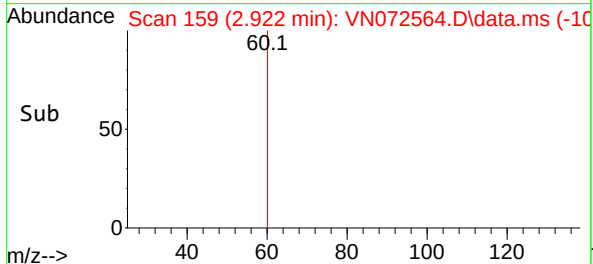
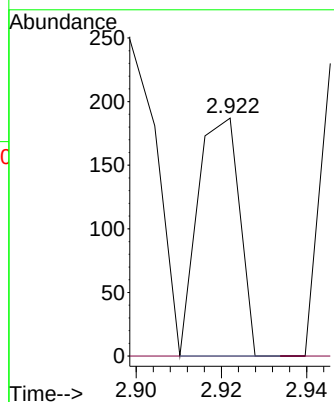
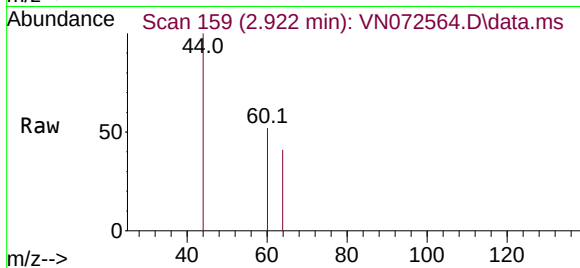




#6
Chloroethane
Concen: Below Cal
RT: 2.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072564.D
Acq: 19 May 2022 18:52

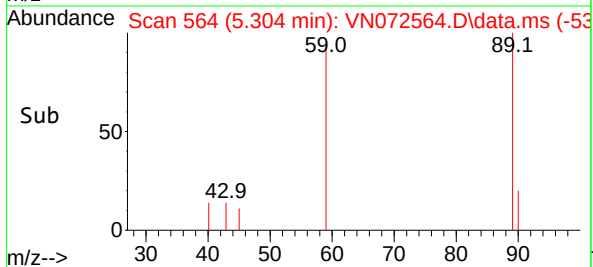
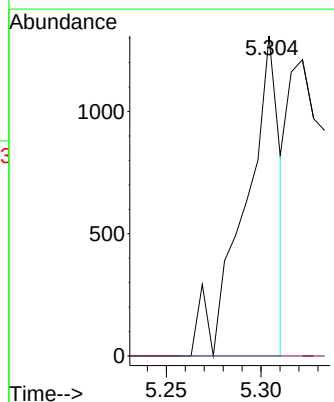
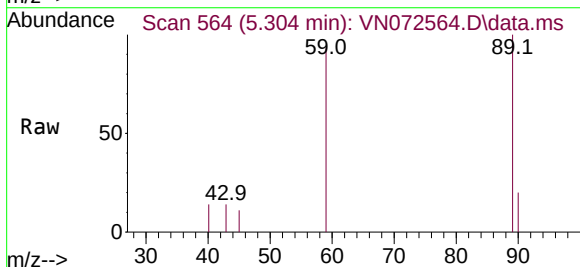
Instrument :
MSVOA_N
ClientSampleId :
31599

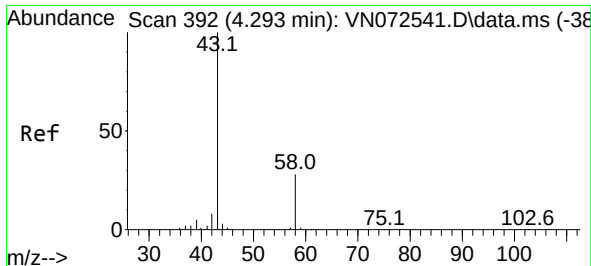
Tgt Ion: 64 Resp: 127
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 4.247 ug/l
RT: 5.304 min Scan# 564
Delta R.T. -0.106 min
Lab File: VN072564.D
Acq: 19 May 2022 18:52

Tgt Ion: 59 Resp: 1672
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

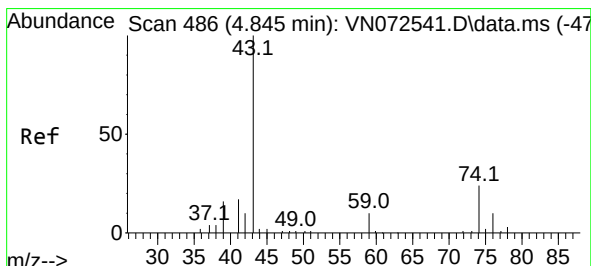
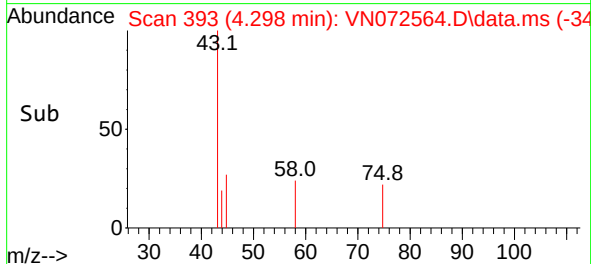
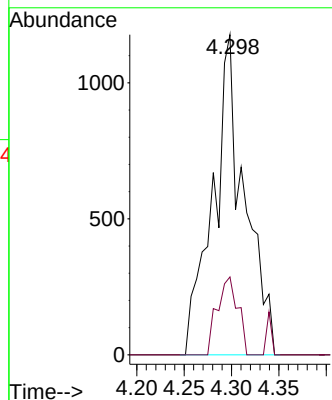
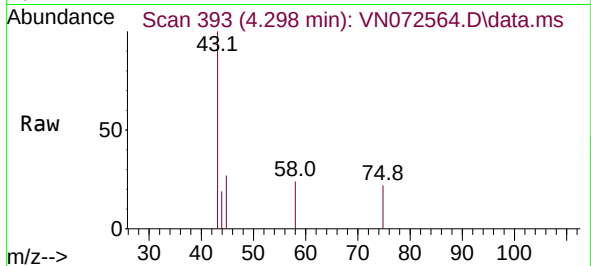




#16
Acetone
Concen: 2.087 ug/l
RT: 4.298 min Scan# 392
Delta R.T. 0.005 min
Lab File: VN072564.D
Acq: 19 May 2022 18:52

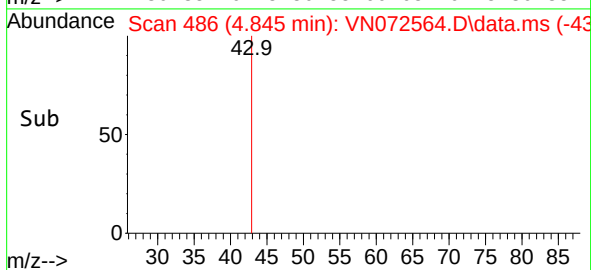
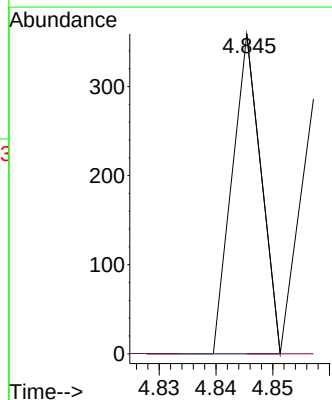
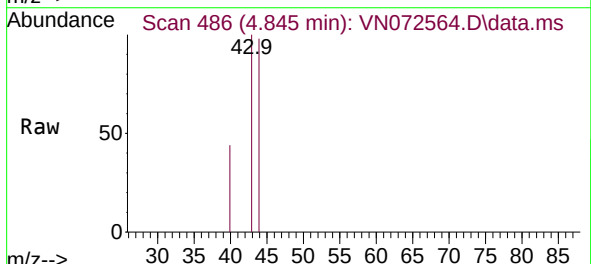
Instrument :
MSVOA_N
ClientSampleId :
31599

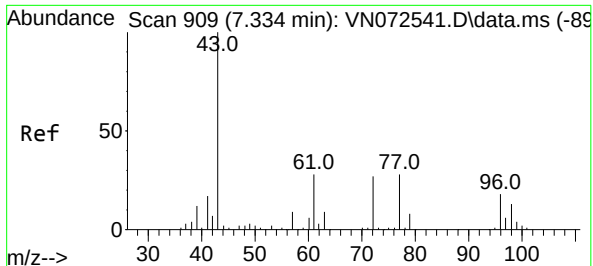
Tgt Ion: 43 Resp: 2723
Ion Ratio Lower Upper
43 100
58 24.3 26.0 39.0#



#18
Methyl Acetate
Concen: 0.314 ug/l
RT: 4.845 min Scan# 486
Delta R.T. 0.000 min
Lab File: VN072564.D
Acq: 19 May 2022 18:52

Tgt Ion: 43 Resp: 127
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#





#25

2-Butanone

Concen: 0.481 ug/l

RT: 7.345 min Scan# 91

Delta R.T. 0.011 min

Lab File: VN072564.D

Acq: 19 May 2022 18:52

Instrument :

MSVOA_N

ClientSampleId :

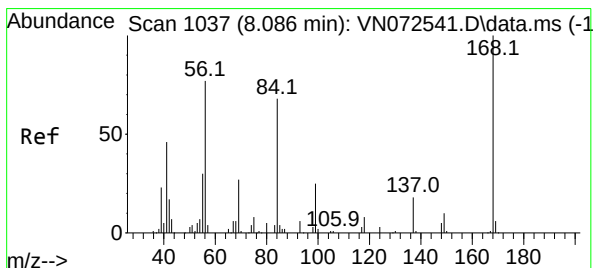
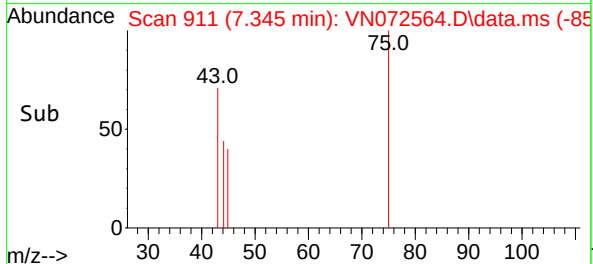
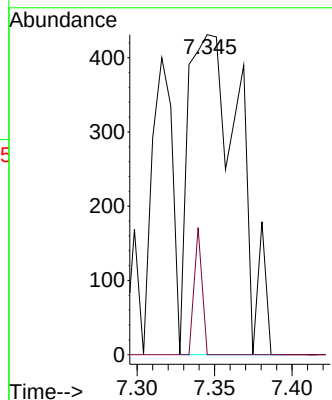
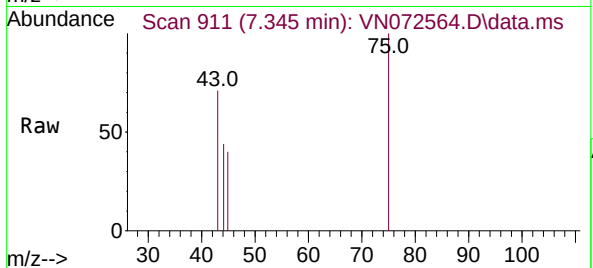
31599

Tgt Ion: 43 Resp: 986

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



#31

Cyclohexane

Concen: 1.331 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.005 min

Lab File: VN072564.D

Acq: 19 May 2022 18:52

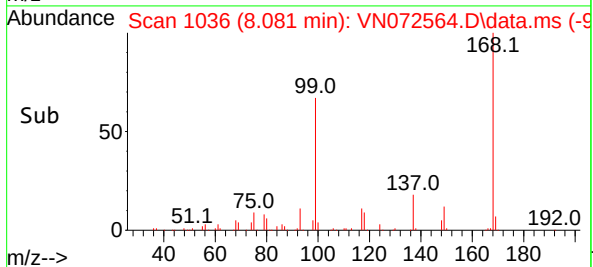
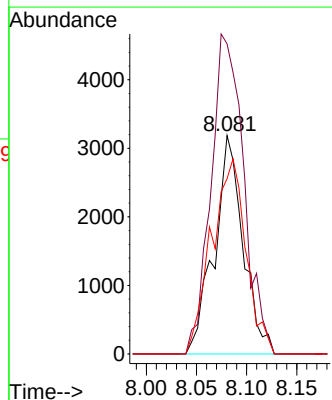
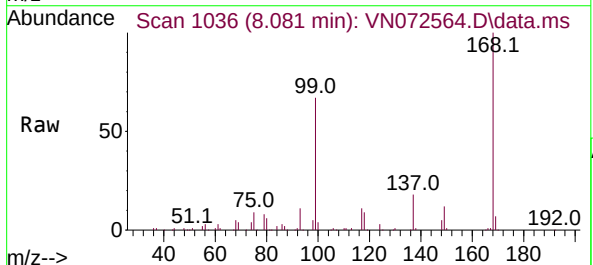
Tgt Ion: 56 Resp: 6368

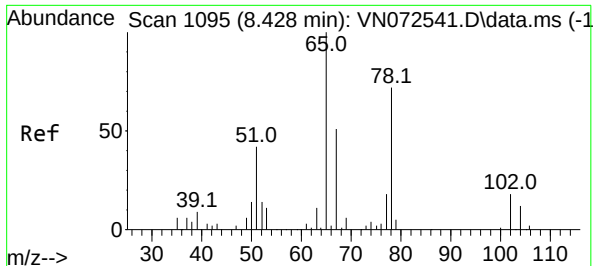
Ion Ratio Lower Upper

56 100

69 142.0 27.8 41.8#

84 80.3 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 55.835 ug/l

RT: 8.433 min Scan# 1109

Delta R.T. 0.005 min

Lab File: VN072564.D

Acq: 19 May 2022 18:52

Instrument :

MSVOA_N

ClientSampleId :

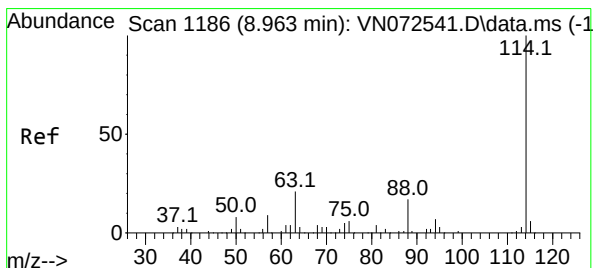
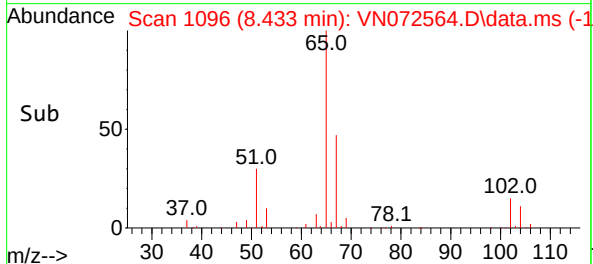
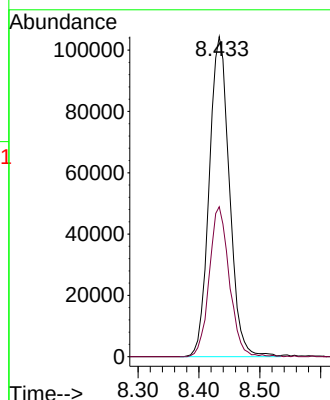
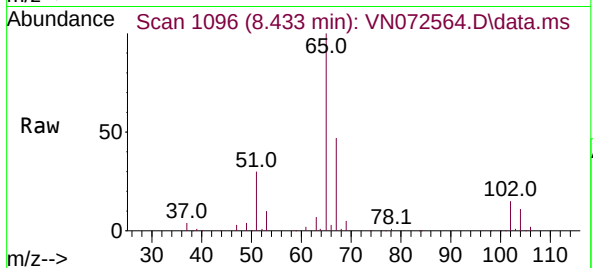
31599

Tgt Ion: 65 Resp: 240290

Ion Ratio Lower Upper

65 100

67 46.4 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: VN072564.D

Acq: 19 May 2022 18:52

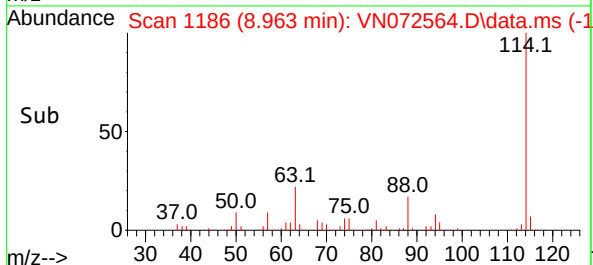
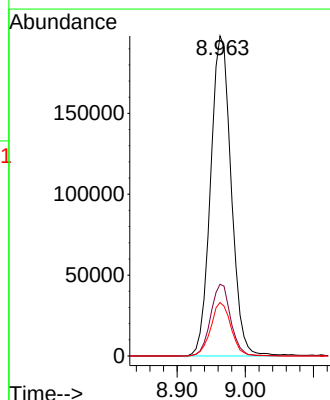
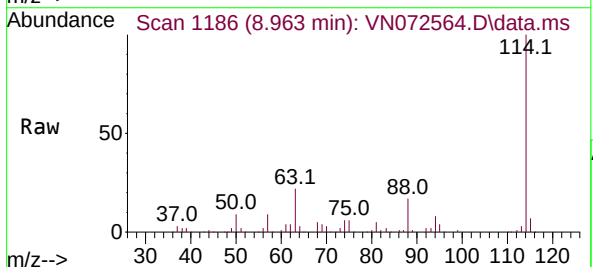
Tgt Ion: 114 Resp: 416259

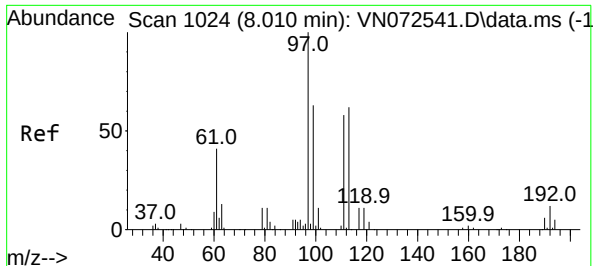
Ion Ratio Lower Upper

114 100

63 22.4 0.0 40.0

88 16.7 0.0 32.6

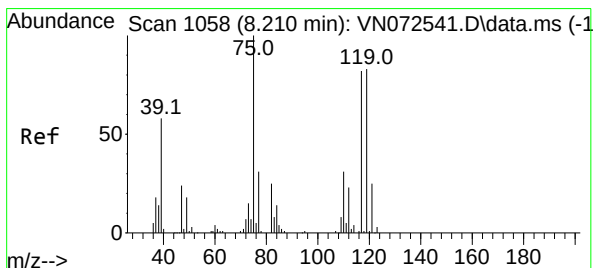
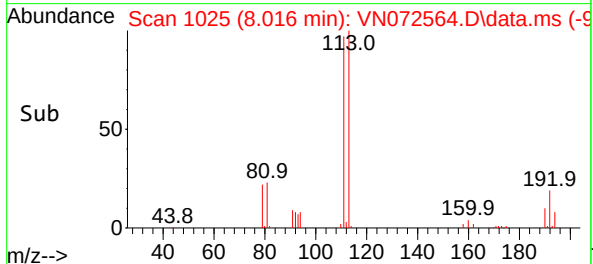
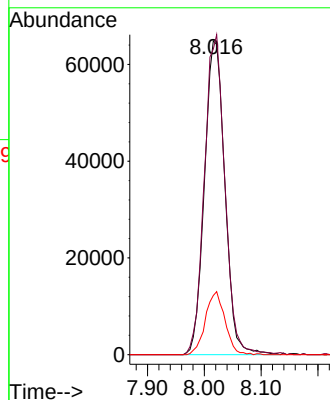
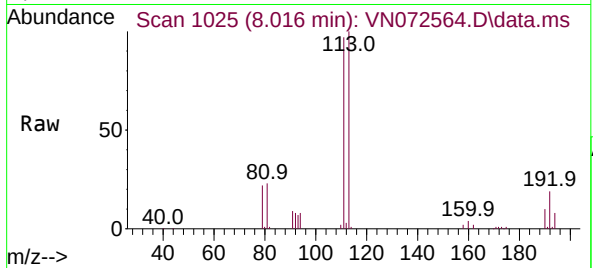




#35
Dibromofluoromethane
Concen: 57.589 ug/l
RT: 8.016 min Scan# 1035
Delta R.T. 0.006 min
Lab File: VN072564.D
Acq: 19 May 2022 18:52

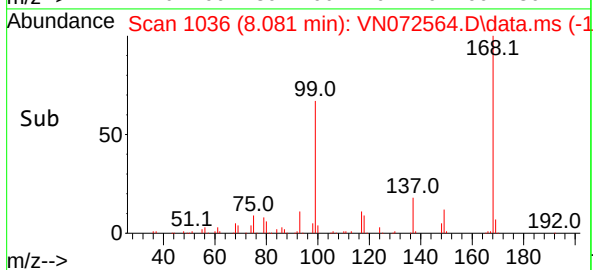
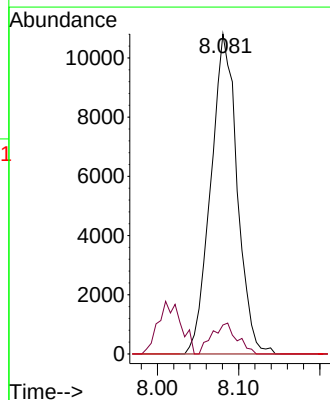
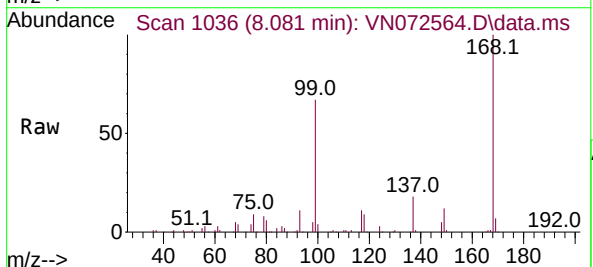
Instrument :
MSVOA_N
ClientSampleId :
31599

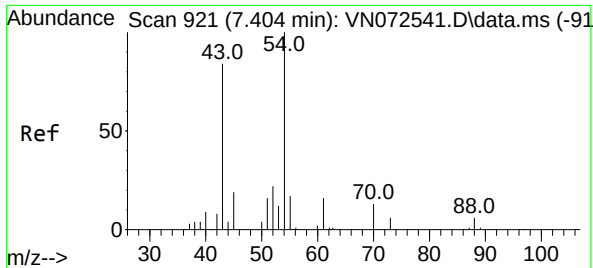
Tgt Ion:113 Resp: 161748
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.0
192 19.2 17.0 25.6



#36
1,1-Dichloropropene
Concen: 6.389 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.130 min
Lab File: VN072564.D
Acq: 19 May 2022 18:52

Tgt Ion: 75 Resp: 24429
Ion Ratio Lower Upper
75 100
110 9.1 18.3 54.8#
77 0.0 25.1 37.7#

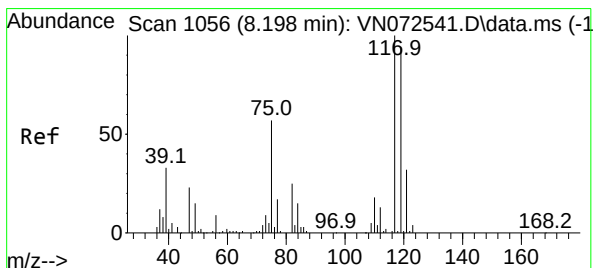
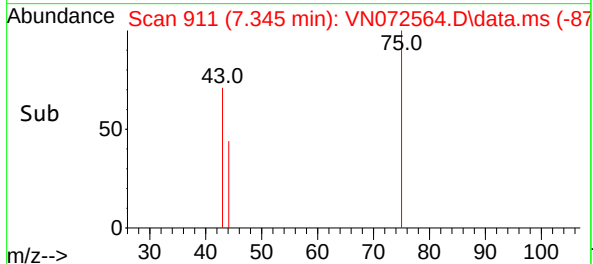
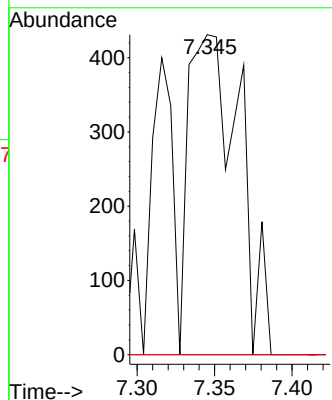
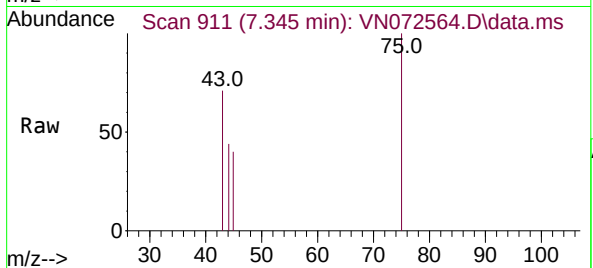




#37
Ethyl Acetate
Concen: 0.235 ug/l
RT: 7.345 min Scan# 911
Delta R.T. -0.059 min
Lab File: VN072564.D
Acq: 19 May 2022 18:52

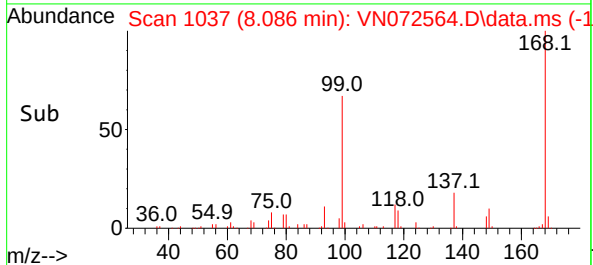
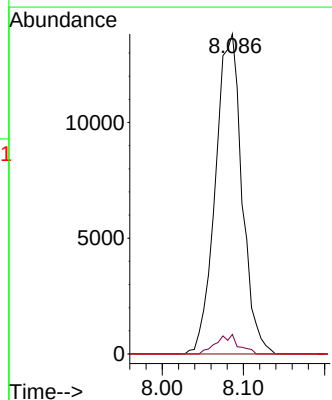
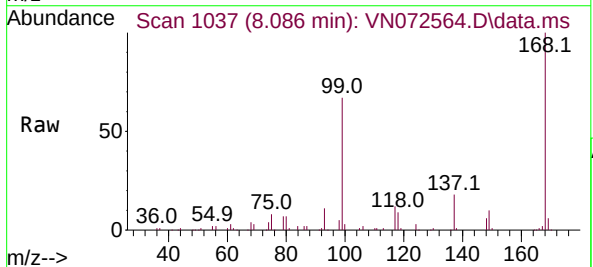
Instrument :
MSVOA_N
ClientSampleId :
31599

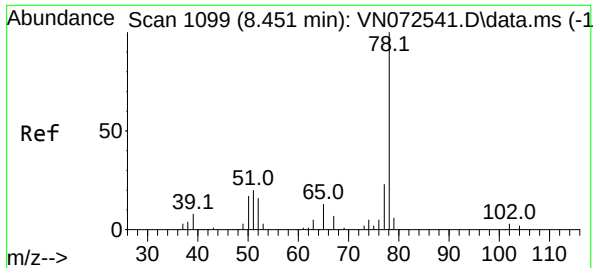
Tgt Ion: 43 Resp: 986
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 6.654 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.112 min
Lab File: VN072564.D
Acq: 19 May 2022 18:52

Tgt Ion: 117 Resp: 31493
Ion Ratio Lower Upper
117 100
119 6.1 75.8 113.8#
121 0.0 24.6 37.0#

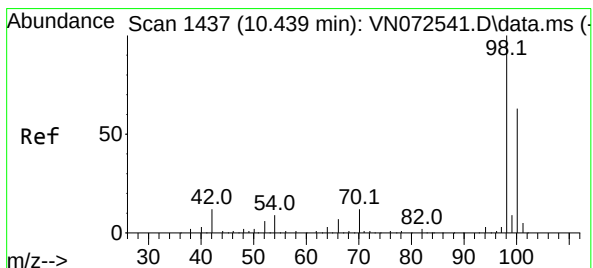
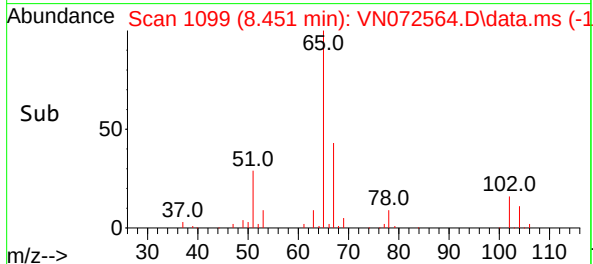
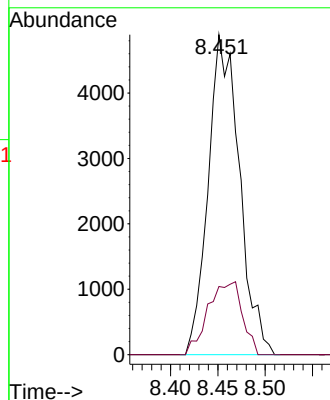
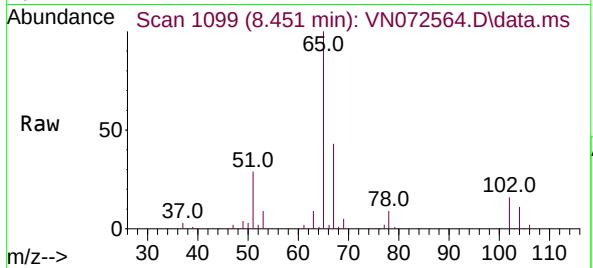




#40
Benzene
Concen: 1.003 ug/l
RT: 8.451 min Scan# 1099
Delta R.T. 0.000 min
Lab File: VN072564.D
Acq: 19 May 2022 18:52

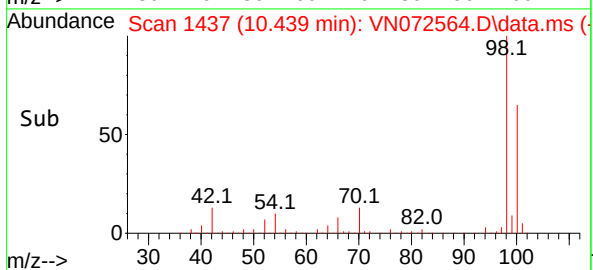
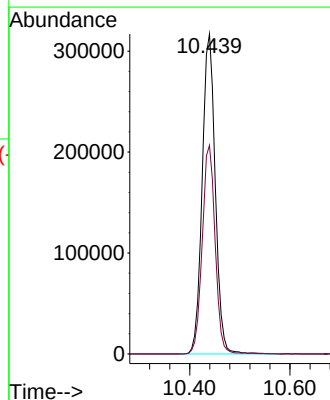
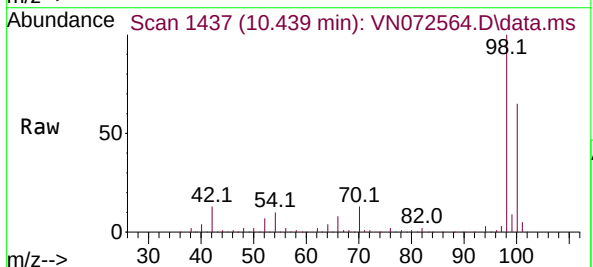
Instrument :
MSVOA_N
ClientSampleId :
31599

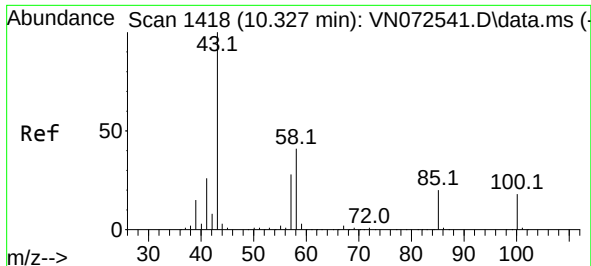
Tgt Ion: 78 Resp: 11211
Ion Ratio Lower Upper
78 100
77 21.3 19.4 29.0



#50
Toluene-d8
Concen: 53.928 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072564.D
Acq: 19 May 2022 18:52

Tgt Ion: 98 Resp: 573325
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8

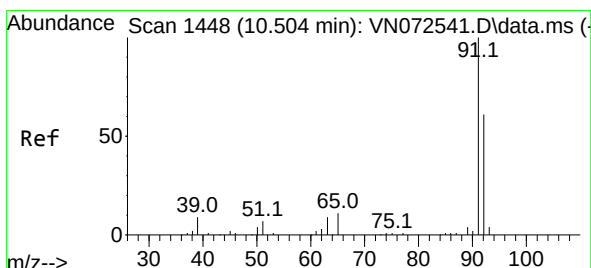
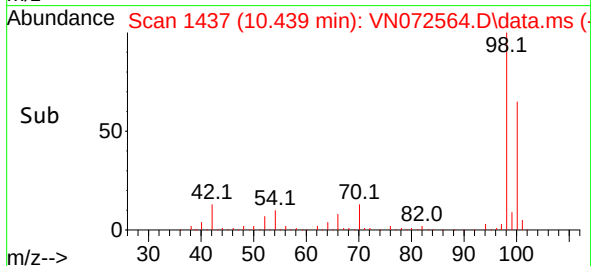
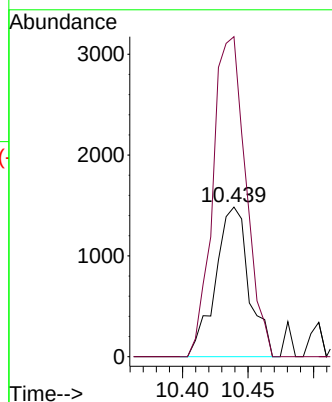
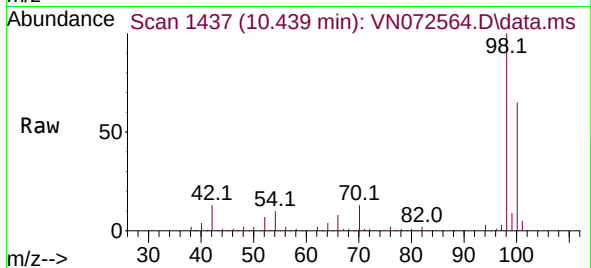




#51
4-Methyl-2-Pentanone
Concen: 0.592 ug/l
RT: 10.439 min Scan# 1418
Delta R.T. 0.112 min
Lab File: VN072564.D
Acq: 19 May 2022 18:52

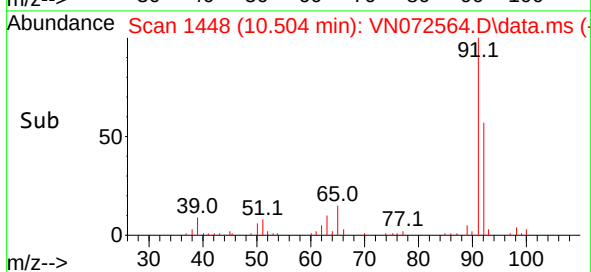
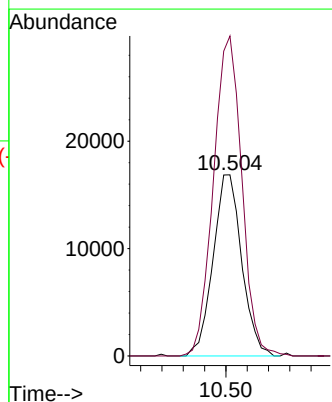
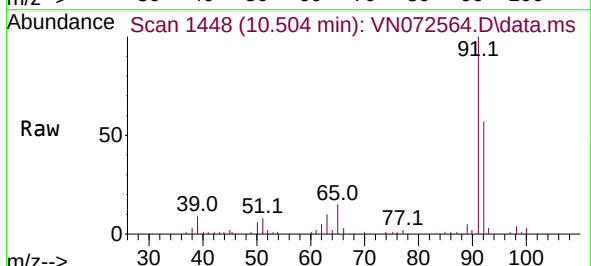
Instrument :
MSVOA_N
ClientSampleId :
31599

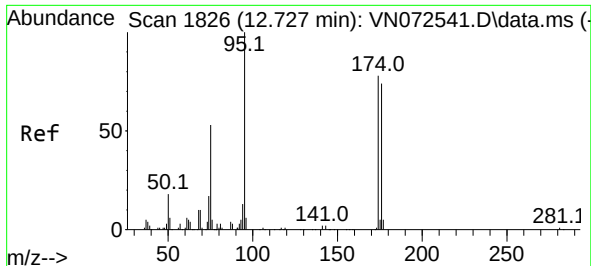
Tgt Ion: 43 Resp: 2638
Ion Ratio Lower Upper
43 100
58 210.7 34.1 51.1#



#52
Toluene
Concen: 4.340 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN072564.D
Acq: 19 May 2022 18:52

Tgt Ion: 92 Resp: 31443
Ion Ratio Lower Upper
92 100
91 175.3 138.6 207.8

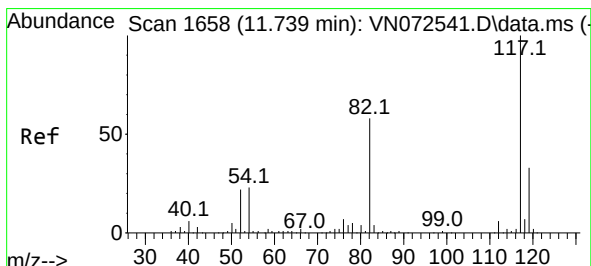
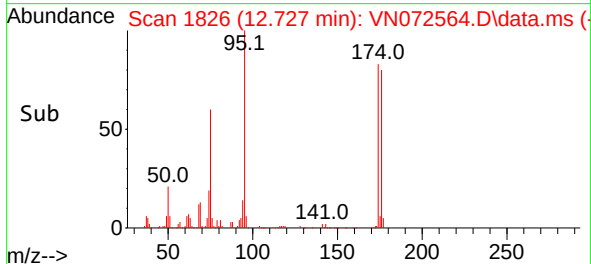
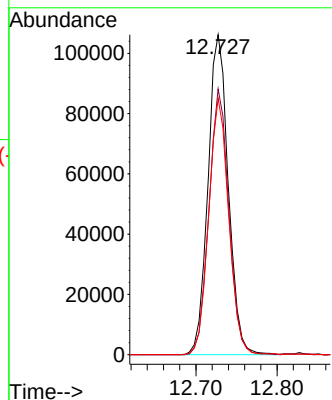
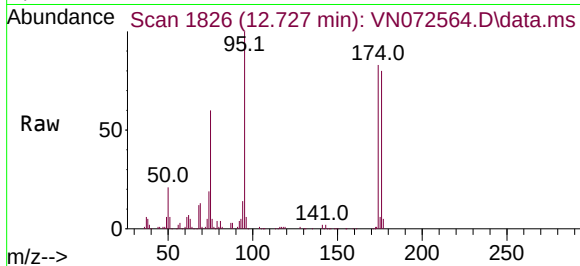




#62
4-Bromofluorobenzene
Concen: 45.585 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072564.D
Acq: 19 May 2022 18:52

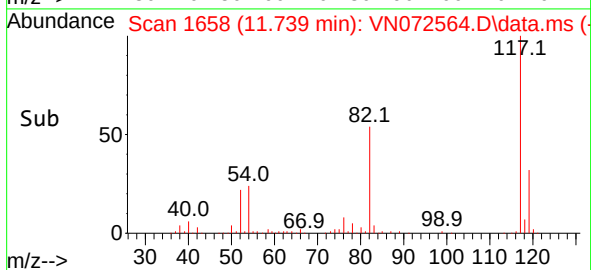
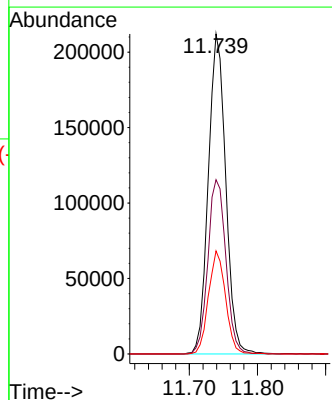
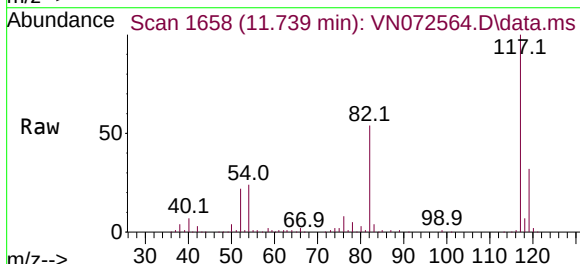
Instrument :
MSVOA_N
ClientSampleId :
31599

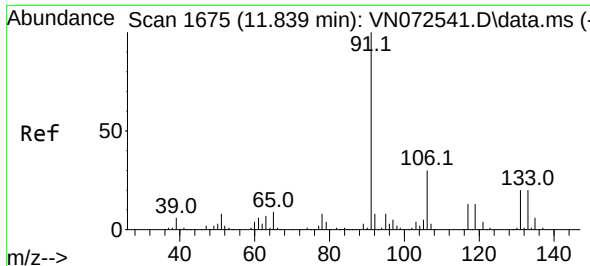
Tgt Ion: 95 Resp: 184087
Ion Ratio Lower Upper
95 100
174 81.5 0.0 167.6
176 78.9 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072564.D
Acq: 19 May 2022 18:52

Tgt Ion: 117 Resp: 376797
Ion Ratio Lower Upper
117 100
82 54.5 44.2 66.2
119 32.2 25.4 38.0

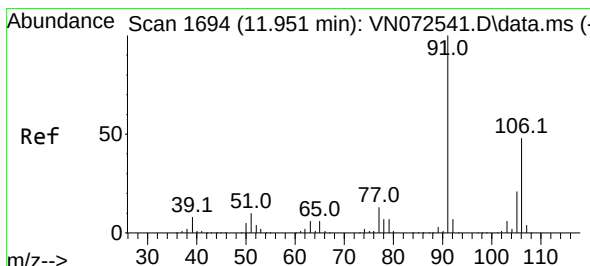
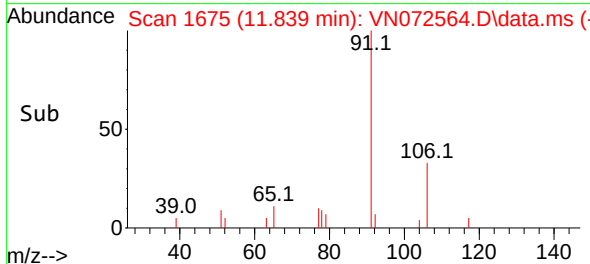
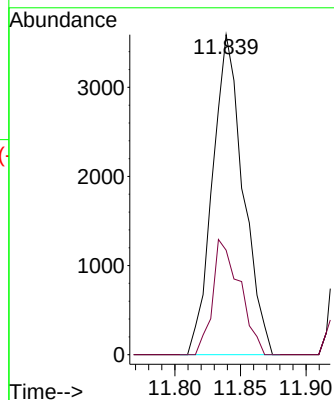
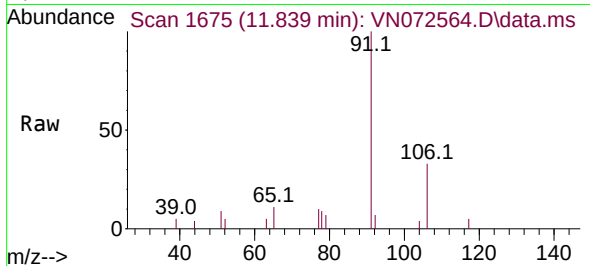




#67
Ethyl Benzene
Concen: 0.437 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072564.D
Acq: 19 May 2022 18:52

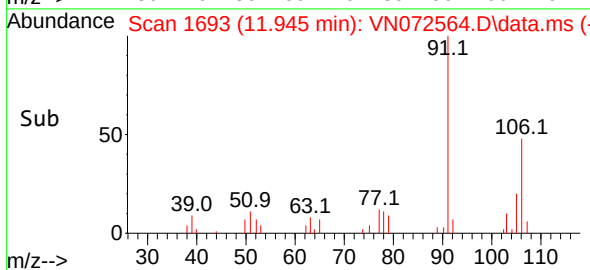
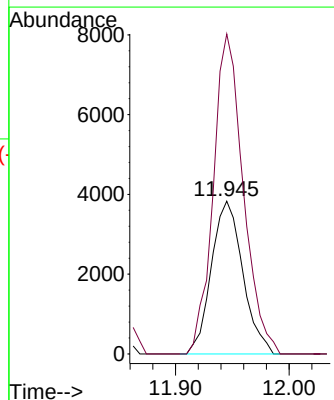
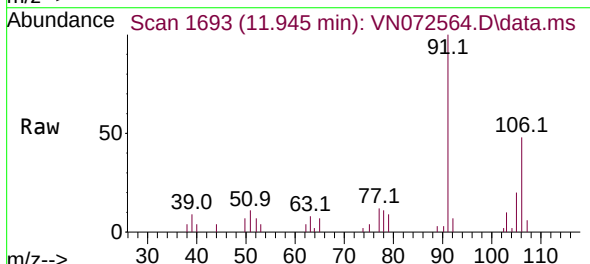
Instrument :
MSVOA_N
ClientSampleId :
31599

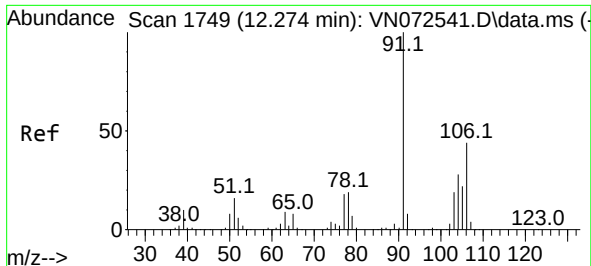
Tgt Ion: 91 Resp: 5839
Ion Ratio Lower Upper
91 100
106 32.7 24.9 37.3



#68
m/p-Xylenes
Concen: 1.433 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072564.D
Acq: 19 May 2022 18:52

Tgt Ion: 106 Resp: 7371
Ion Ratio Lower Upper
106 100
91 199.7 158.9 238.3

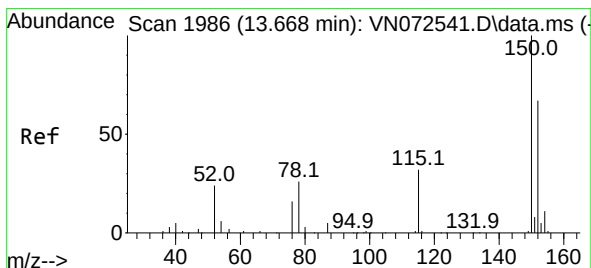
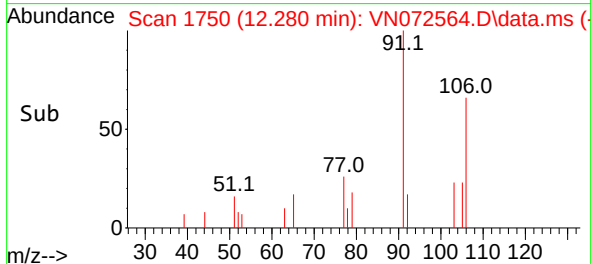
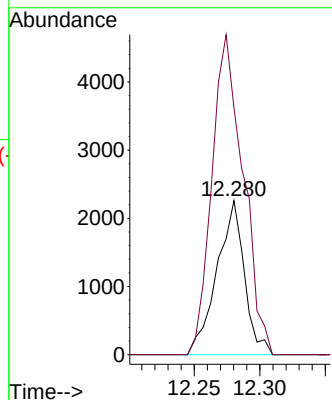
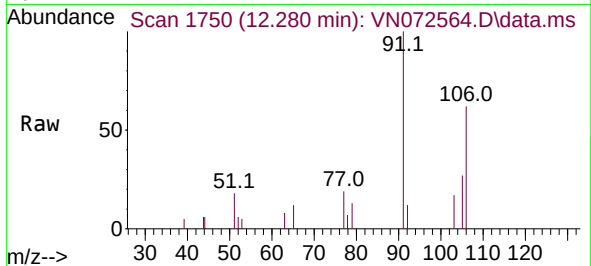




#69
o-Xylene
Concen: 0.628 ug/l
RT: 12.280 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072564.D
Acq: 19 May 2022 18:52

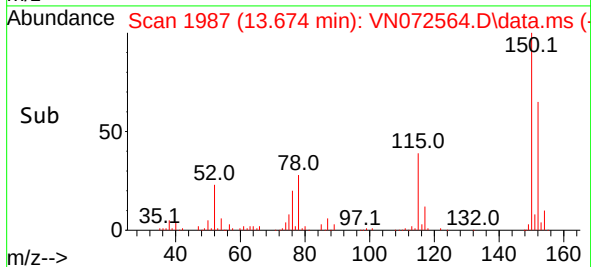
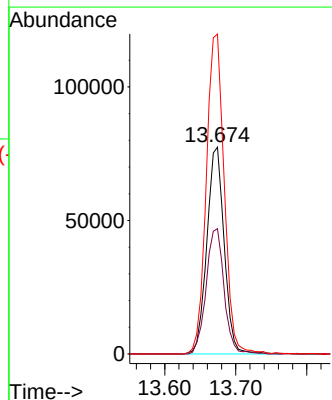
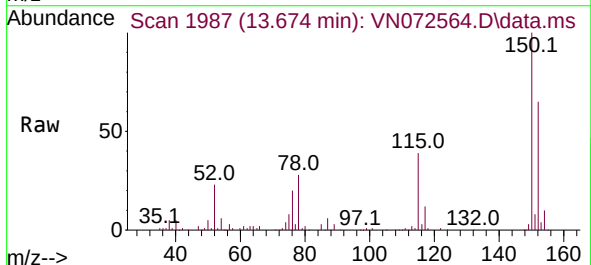
Instrument :
MSVOA_N
ClientSampleId :
31599

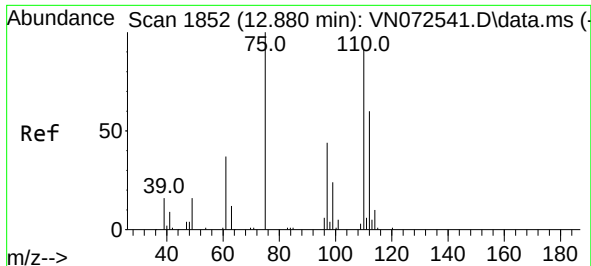
Tgt Ion:106 Resp: 3290
Ion Ratio Lower Upper
106 100
91 236.1 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN072564.D
Acq: 19 May 2022 18:52

Tgt Ion:152 Resp: 131989
Ion Ratio Lower Upper
152 100
115 62.6 28.9 86.7
150 159.0 0.0 356.2

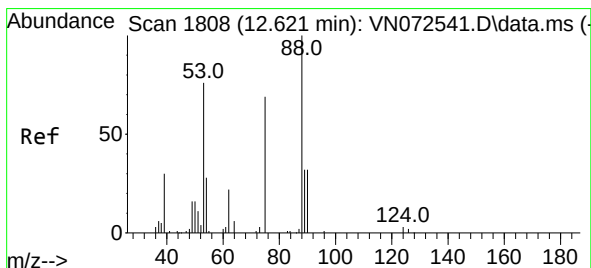
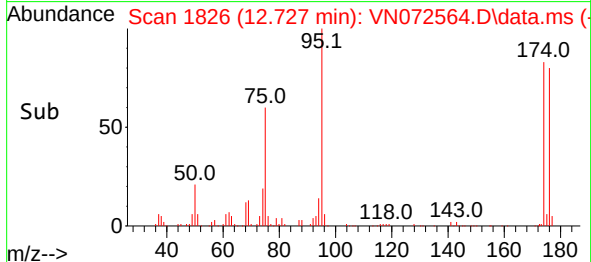
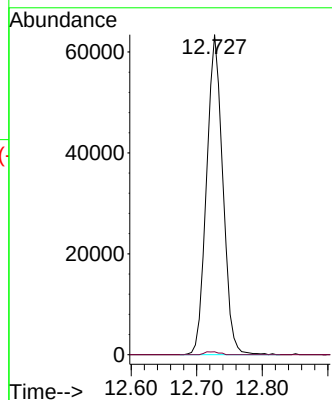
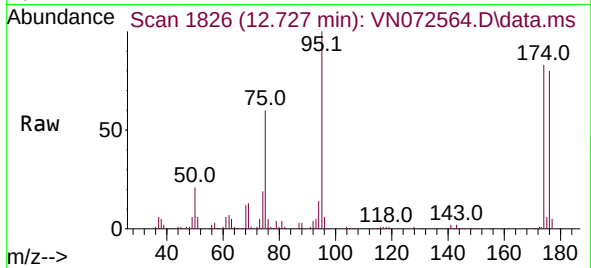




#76
1,2,3-Trichloropropane
Concen: 27.441 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.153 min
Lab File: VN072564.D
Acq: 19 May 2022 18:52

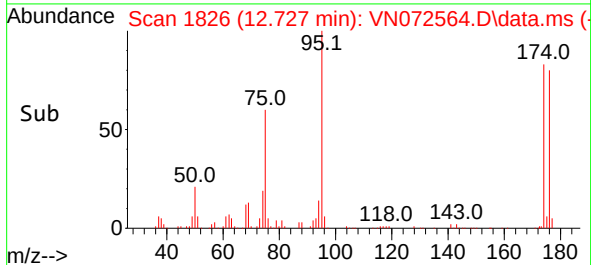
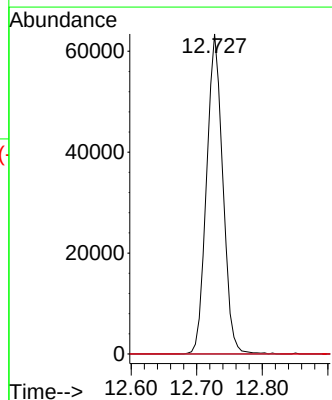
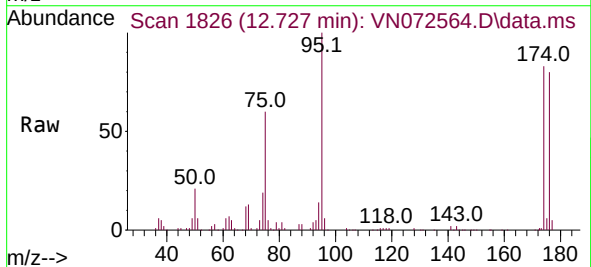
Instrument :
MSVOA_N
ClientSampleId :
31599

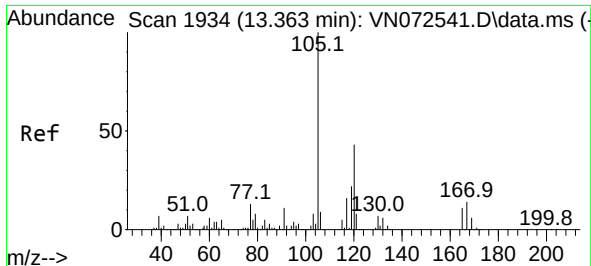
Tgt Ion: 75 Resp: 109413
Ion Ratio Lower Upper
75 100
77 0.8 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 114.398 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN072564.D
Acq: 19 May 2022 18:52

Tgt Ion: 75 Resp: 109413
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

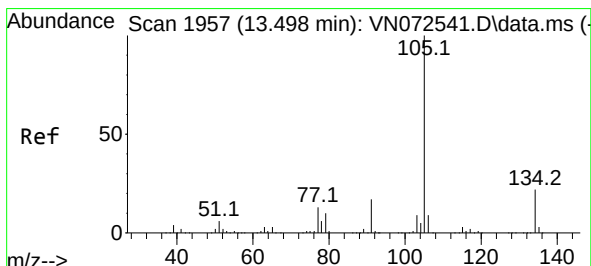
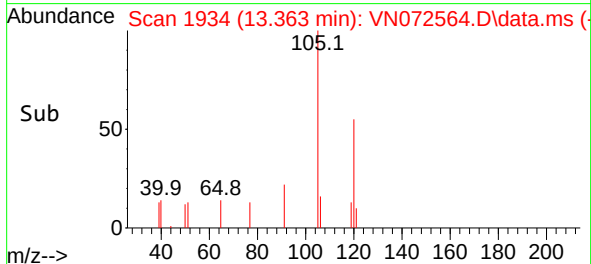
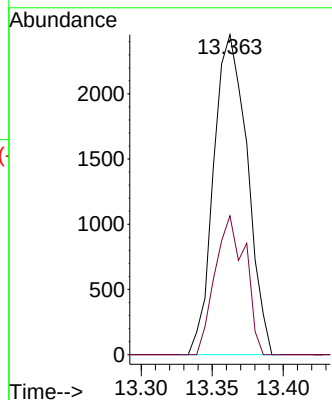
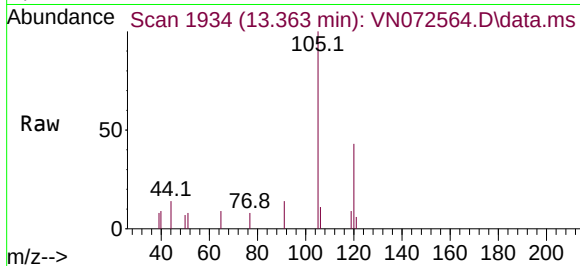




#84
1,2,4-Trimethylbenzene
Concen: 0.445 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072564.D
Acq: 19 May 2022 18:52

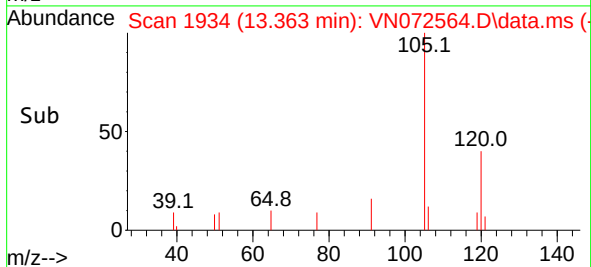
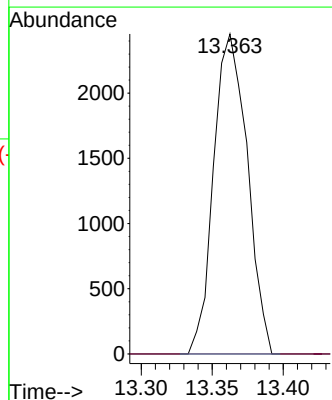
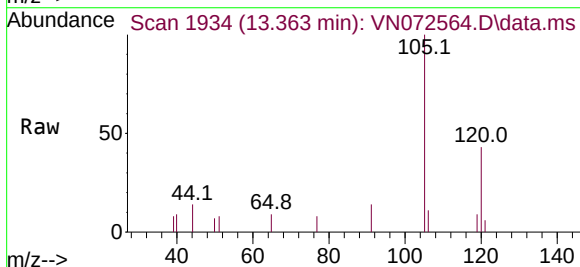
Instrument :
MSVOA_N
ClientSampleId :
31599

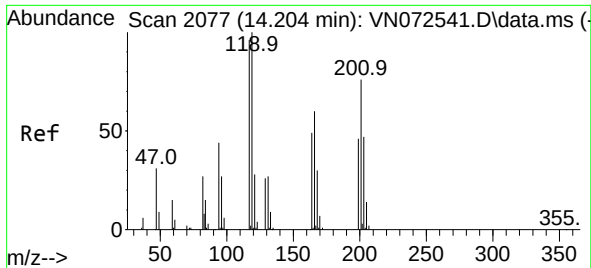
Tgt Ion:105 Resp: 4041
Ion Ratio Lower Upper
105 100
120 39.1 23.3 69.8



#85
sec-Butylbenzene
Concen: 0.387 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.135 min
Lab File: VN072564.D
Acq: 19 May 2022 18:52

Tgt Ion:105 Resp: 4041
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#





#90
Hexachloroethane
Concen: 0.348 ug/l
RT: 14.315 min Scan# 20
Delta R.T. 0.111 min
Lab File: VN072564.D
Acq: 19 May 2022 18:52

Instrument :
MSVOA_N
ClientSampleId :
31599

Tgt Ion:117 Resp: 535
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#

