

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081522\
 Data File : VN073907.D
 Acq On : 15 Aug 2022 19:59
 Operator : JC\MD
 Sample : N4152-03
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-03-081022

Quant Time: Aug 15 23:59:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 15 23:50:46 2022
 Response via : Initial Calibration

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

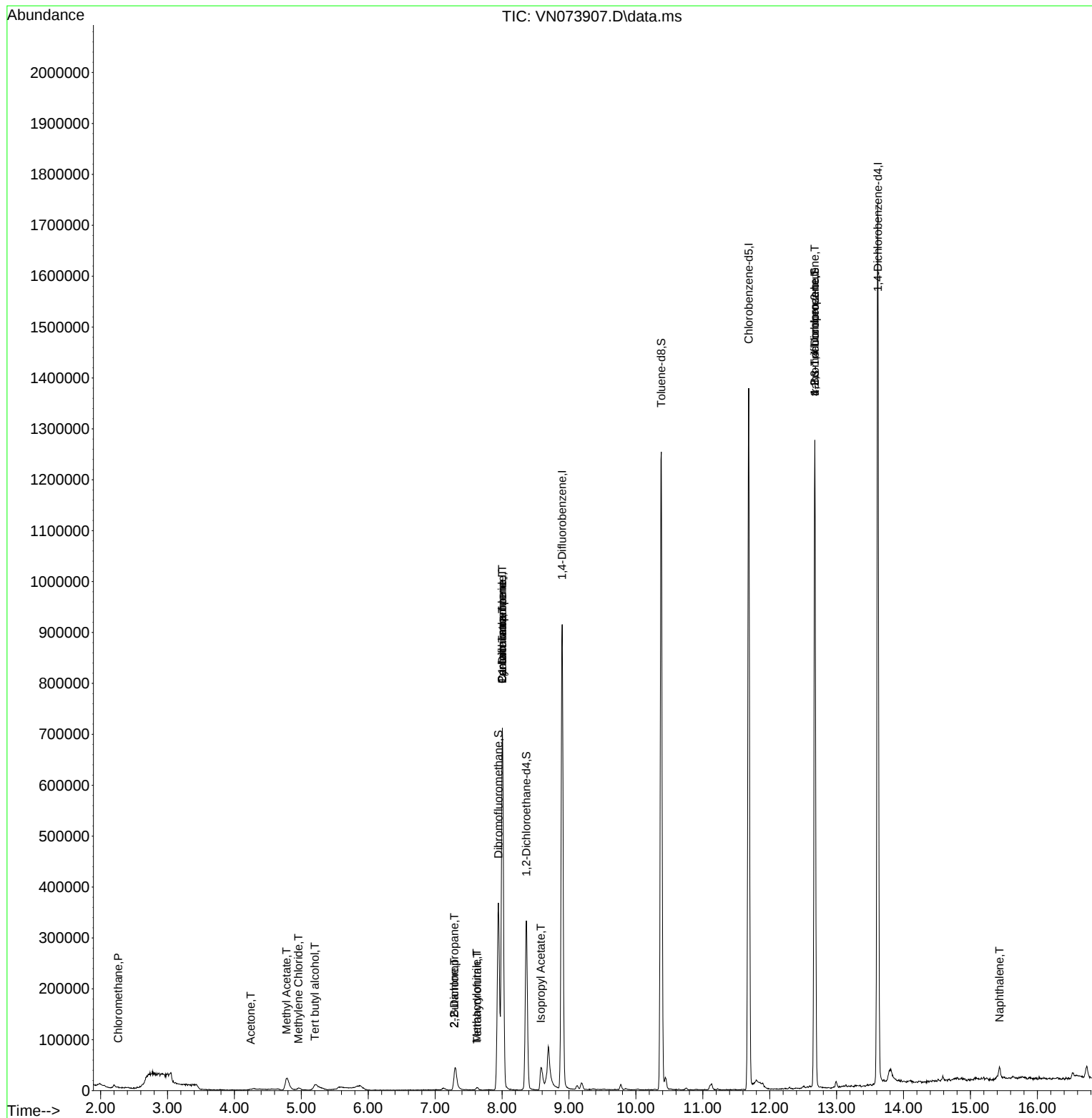
Internal Standards						
1) Pentafluorobenzene	8.004	168	619033	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.898	114	874319	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	861472	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	511463	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	280472	46.518	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.040%		
35) Dibromofluoromethane	7.945	113	263869	51.032	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.060%		
50) Toluene-d8	10.380	98	920040	45.944	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.880%		
62) 4-Bromofluorobenzene	12.674	95	419946	63.187	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	126.380%#		
Target Compounds						Qvalue
3) Chloromethane	2.263	50	1507	0.276	ug/l	95
11) Tert butyl alcohol	5.204	59	5337	3.957	ug/l #	72
16) Acetone	4.246	43	1966	0.691	ug/l	94
18) Methyl Acetate	4.781	43	62824	6.630	ug/l	100
20) Methylene Chloride	4.957	84	3657	0.609	ug/l #	81
25) 2-Butanone	7.287	43	4429	0.982	ug/l #	79
26) 2,2-Dichloropropane	7.287	77	3757	0.419	ug/l #	53
29) Tetrahydrofuran	7.628	42	3731	1.290	ug/l	92
31) Cyclohexane	8.004	56	9509	1.131	ug/l #	1
36) 1,1-Dichloropropene	8.004	75	37639	5.241	ug/l #	49
38) Carbon Tetrachloride	8.004	117	52595	6.407	ug/l #	16
41) Methacrylonitrile	7.622	41	2281	0.580	ug/l #	34
43) Isopropyl Acetate	8.581	43	35146	2.836	ug/l #	54
76) 1,2,3-Trichloropropane	12.674	75	207701	19.104	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	207701	55.569	ug/l #	10
95) Naphthalene	15.433	128	21979	0.614	ug/l #	96

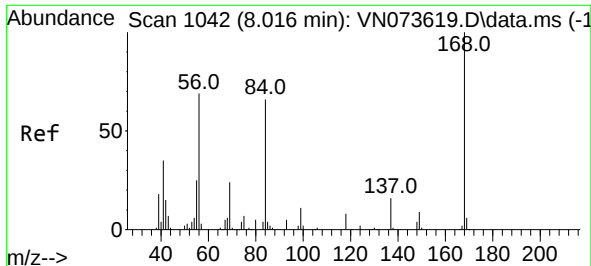
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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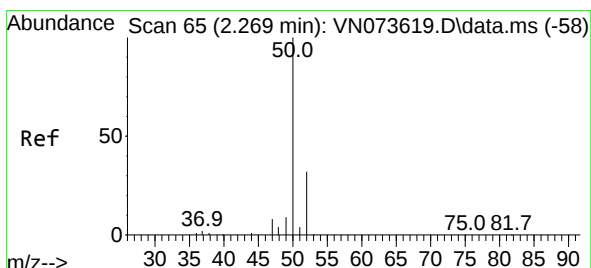
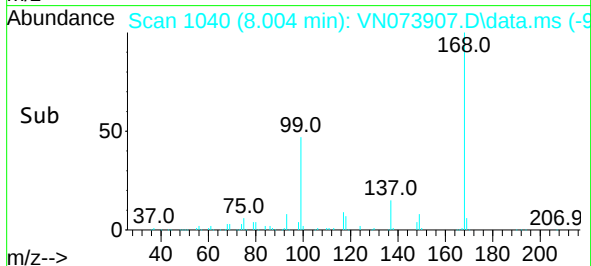
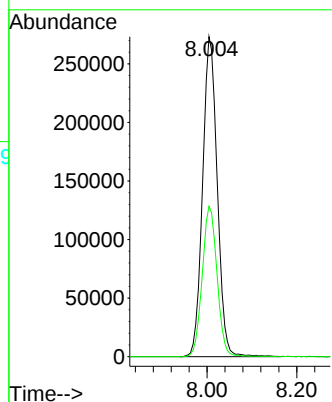
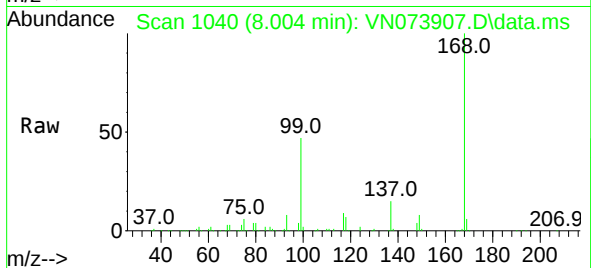




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.004 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN073907.D
Acq: 15 Aug 2022 19:59

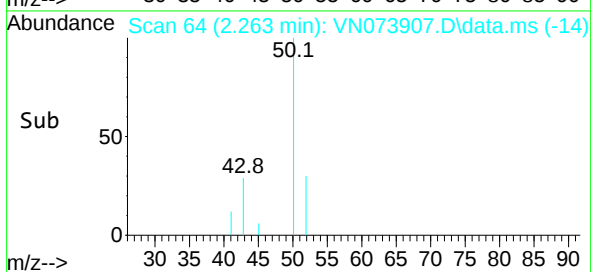
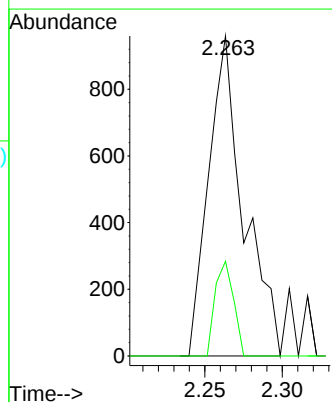
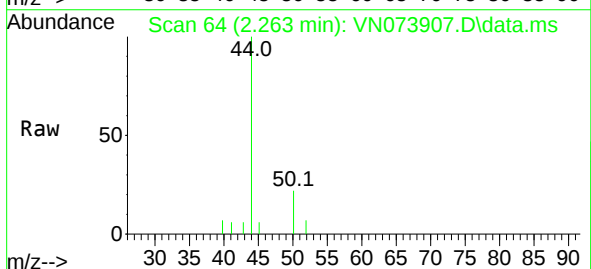
Instrument :
MSVOA_N
ClientSampleId :
EO-03-081022

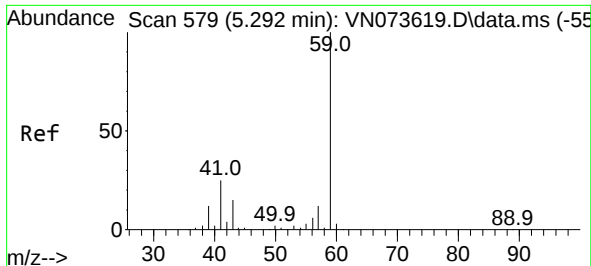
Tgt Ion:168 Resp: 619033
Ion Ratio Lower Upper
168 100
99 47.0 42.3 63.5



#3
Chloromethane
Concen: 0.276 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073907.D
Acq: 15 Aug 2022 19:59

Tgt Ion: 50 Resp: 1507
Ion Ratio Lower Upper
50 100
52 29.6 25.7 38.5





#11

Tert butyl alcohol

Concen: 3.957 ug/l

RT: 5.204 min Scan# 5

Delta R.T. -0.088 min

Lab File: VN073907.D

Acq: 15 Aug 2022 19:59

Instrument :

MSVOA_N

ClientSampleId :

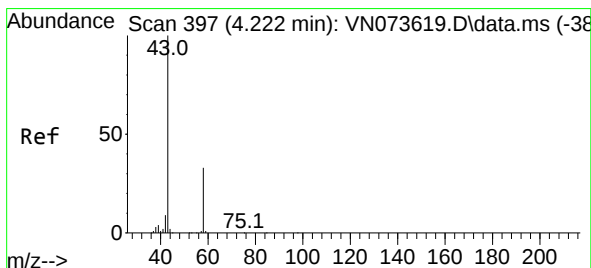
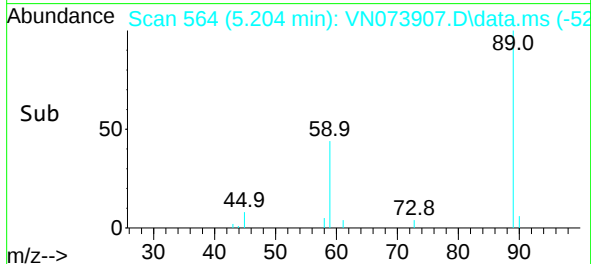
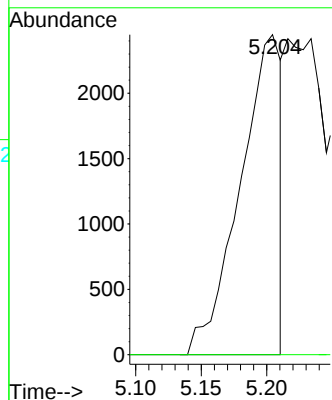
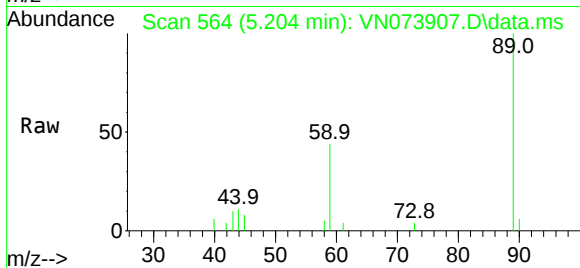
EO-03-081022

Tgt Ion: 59 Resp: 5337

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 0.691 ug/l

RT: 4.246 min Scan# 401

Delta R.T. 0.024 min

Lab File: VN073907.D

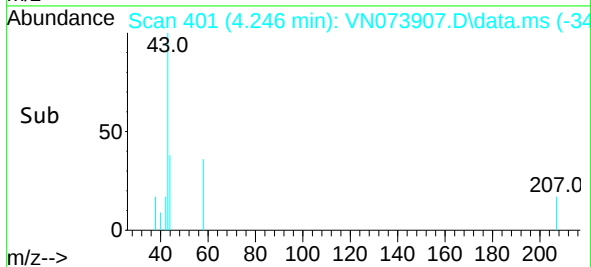
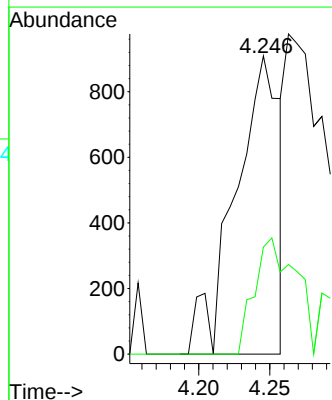
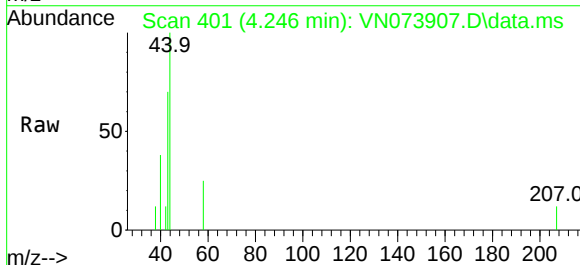
Acq: 15 Aug 2022 19:59

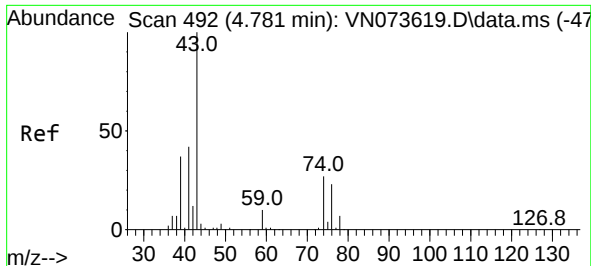
Tgt Ion: 43 Resp: 1966

Ion Ratio Lower Upper

43 100

58 35.9 26.0 39.0

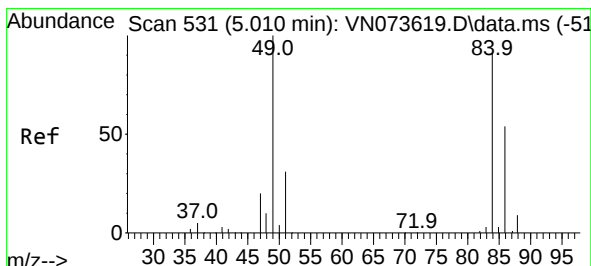
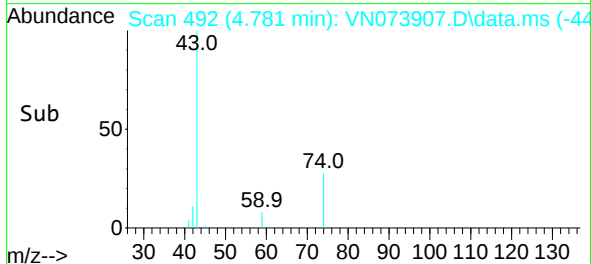
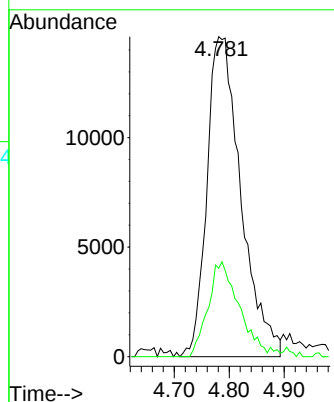
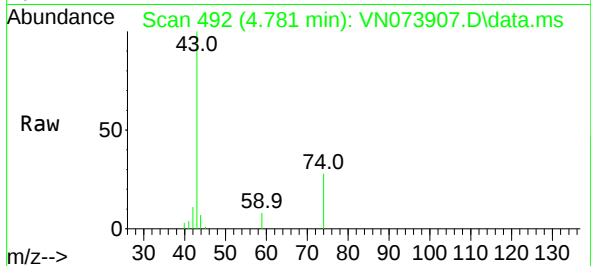




#18
Methyl Acetate
Concen: 6.630 ug/l
RT: 4.781 min Scan# 492
Delta R.T. -0.000 min
Lab File: VN073907.D
Acq: 15 Aug 2022 19:59

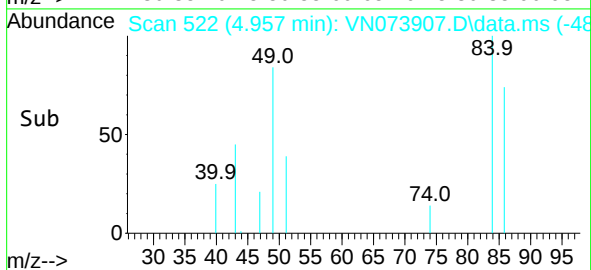
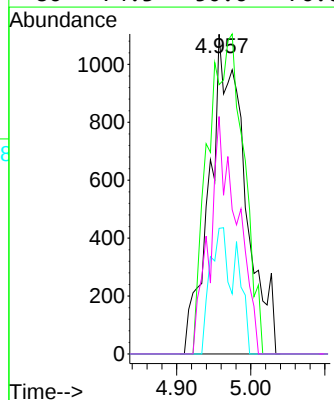
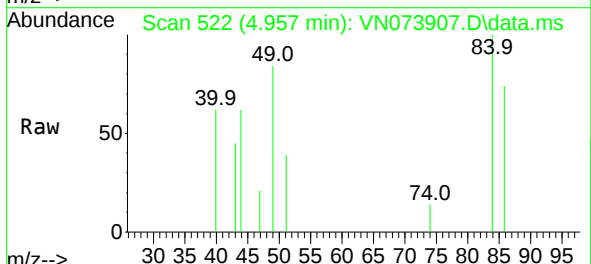
Instrument :
MSVOA_N
ClientSampleId :
EO-03-081022

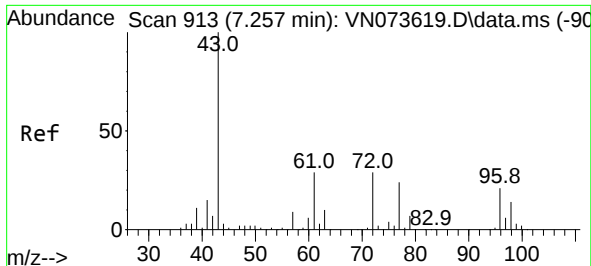
Tgt Ion: 43 Resp: 62824
Ion Ratio Lower Upper
43 100
74 26.8 21.6 32.4



#20
Methylene Chloride
Concen: 0.609 ug/l
RT: 4.957 min Scan# 522
Delta R.T. -0.053 min
Lab File: VN073907.D
Acq: 15 Aug 2022 19:59

Tgt Ion: 84 Resp: 3657
Ion Ratio Lower Upper
84 100
49 84.2 88.3 132.5#
51 39.3 28.2 42.2
86 74.3 50.6 76.0





#25

2-Butanone

Concen: 0.982 ug/l

RT: 7.287 min Scan# 918

Delta R.T. 0.030 min

Lab File: VN073907.D

Acq: 15 Aug 2022 19:59

Instrument :

MSVOA_N

ClientSampleId :

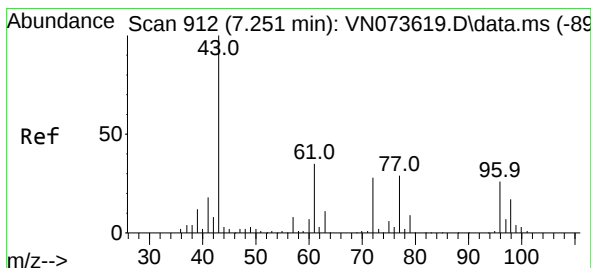
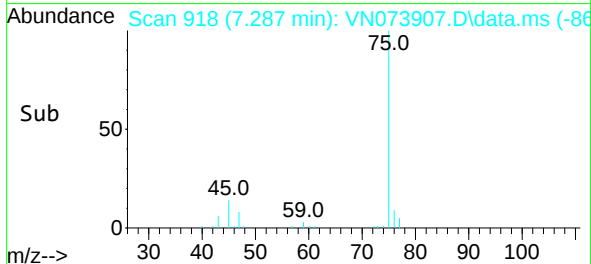
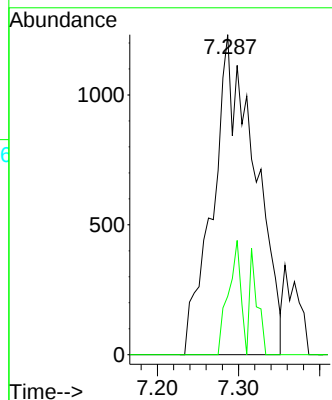
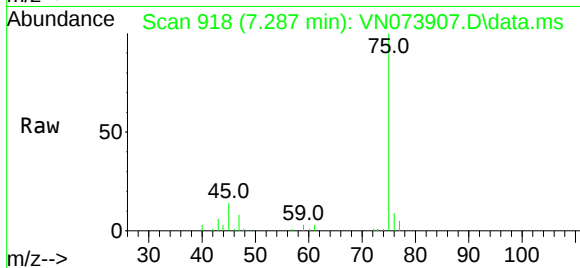
EO-03-081022

Tgt Ion: 43 Resp: 4429

Ion Ratio Lower Upper

43 100

72 18.3 23.7 35.5#



#26

2,2-Dichloropropane

Concen: 0.419 ug/l

RT: 7.287 min Scan# 918

Delta R.T. 0.035 min

Lab File: VN073907.D

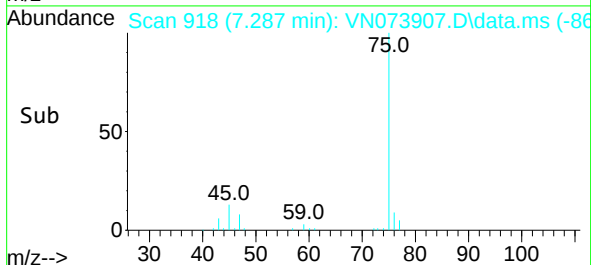
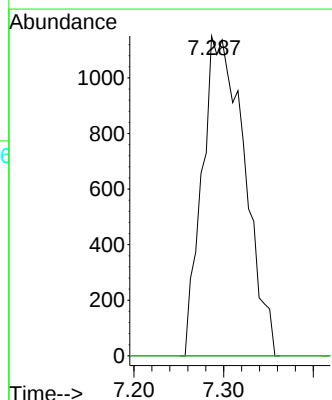
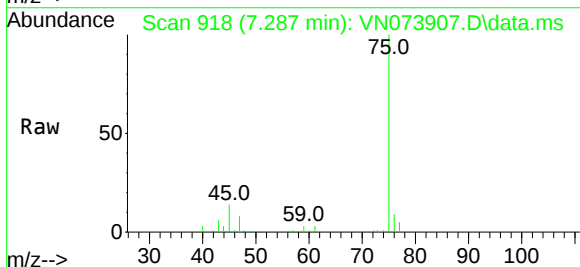
Acq: 15 Aug 2022 19:59

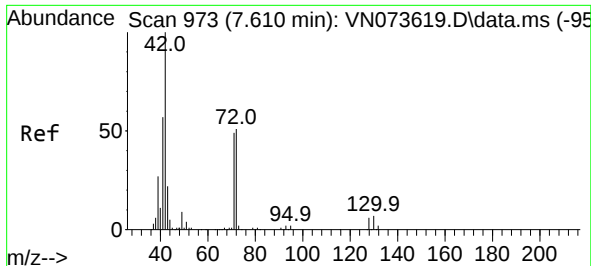
Tgt Ion: 77 Resp: 3757

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.2#





#29

Tetrahydrofuran

Concen: 1.290 ug/l

RT: 7.628 min Scan# 91

Delta R.T. 0.018 min

Lab File: VN073907.D

Acq: 15 Aug 2022 19:59

Instrument :

MSVOA_N

ClientSampleId :

EO-03-081022

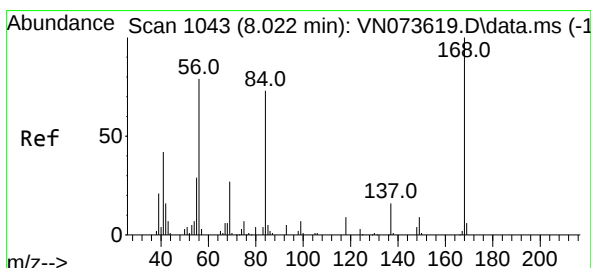
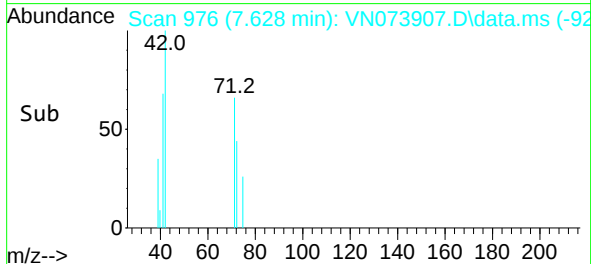
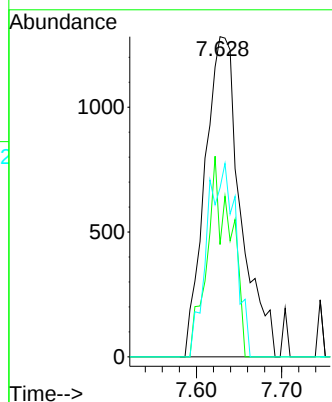
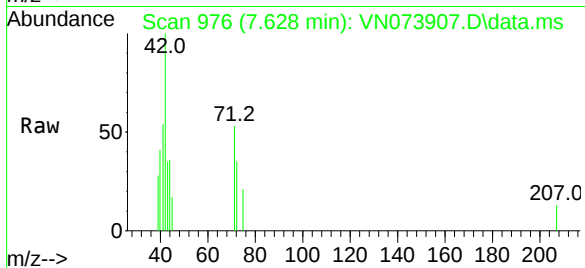
Tgt Ion: 42 Resp: 3731

Ion Ratio Lower Upper

42 100

72 41.8 39.7 59.5

71 48.7 36.6 55.0



#31

Cyclohexane

Concen: 1.131 ug/l

RT: 8.004 min Scan# 1040

Delta R.T. -0.018 min

Lab File: VN073907.D

Acq: 15 Aug 2022 19:59

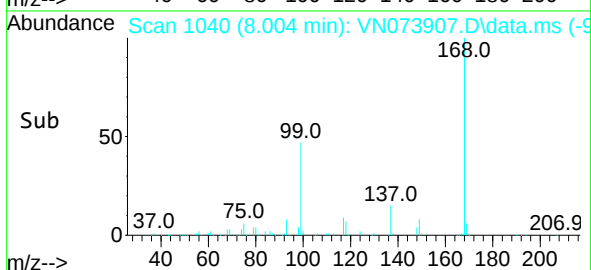
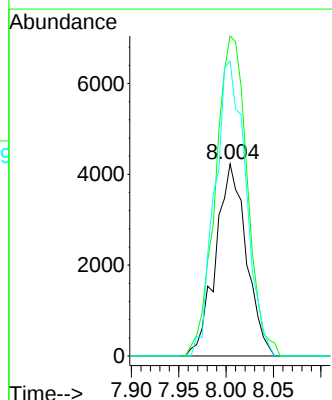
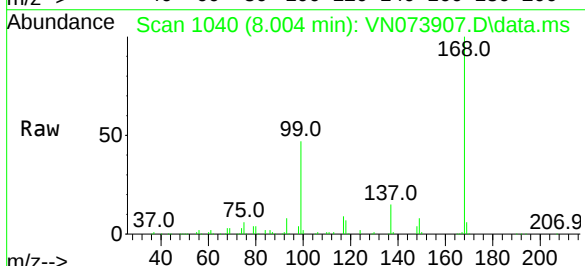
Tgt Ion: 56 Resp: 9509

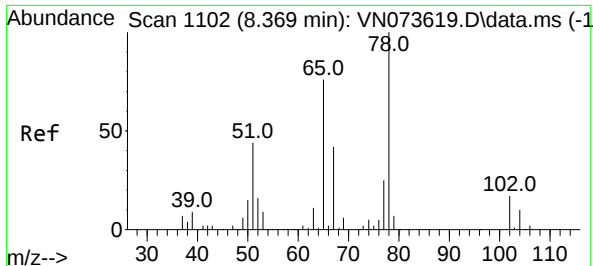
Ion Ratio Lower Upper

56 100

69 166.7 27.8 41.8#

84 153.6 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 46.518 ug/l

RT: 8.363 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VN073907.D

Acq: 15 Aug 2022 19:59

Instrument :

MSVOA_N

ClientSampleId :

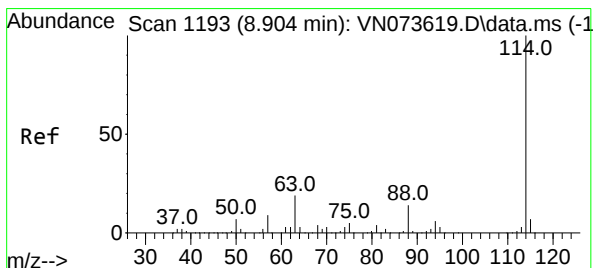
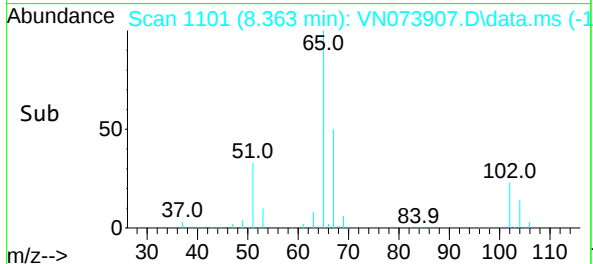
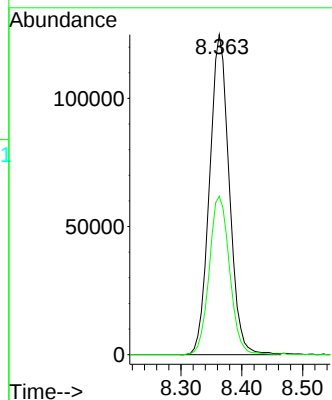
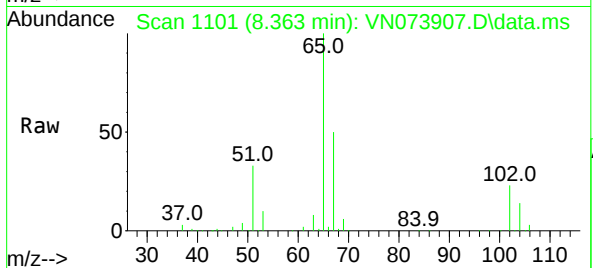
EO-03-081022

Tgt Ion: 65 Resp: 280472

Ion Ratio Lower Upper

65 100

67 51.1 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. -0.006 min

Lab File: VN073907.D

Acq: 15 Aug 2022 19:59

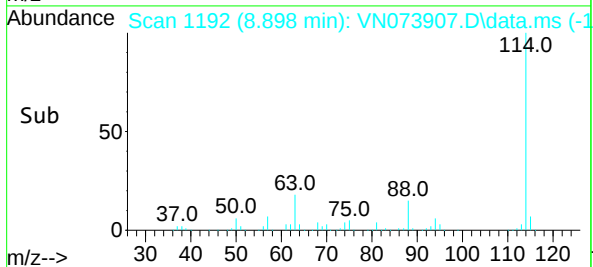
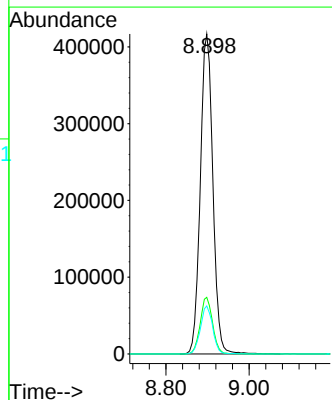
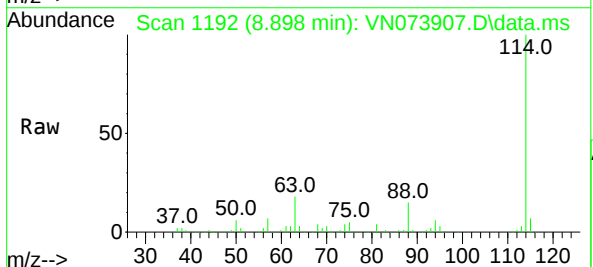
Tgt Ion: 114 Resp: 874319

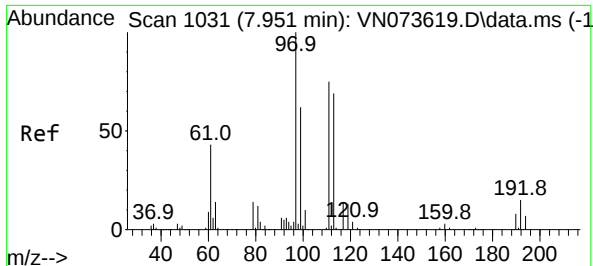
Ion Ratio Lower Upper

114 100

63 17.7 0.0 40.0

88 15.0 0.0 32.6

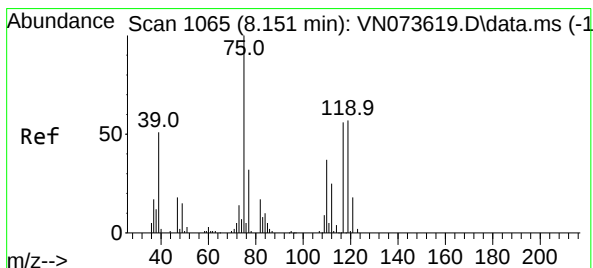
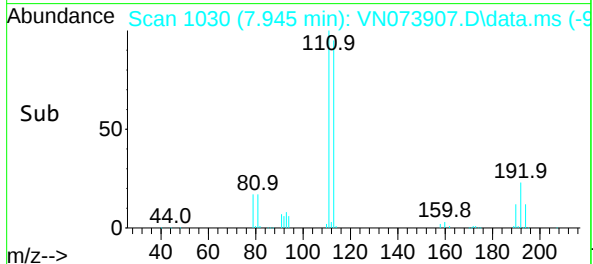
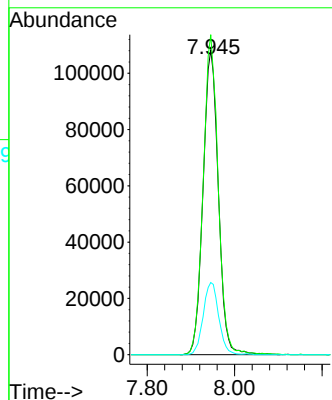
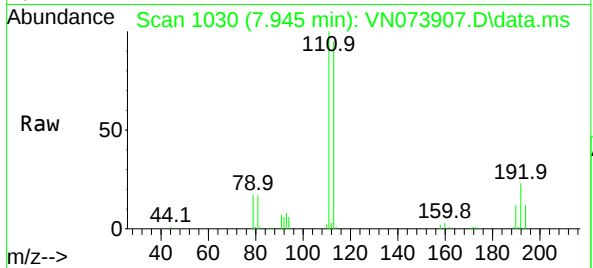




#35
Dibromofluoromethane
Concen: 51.032 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VN073907.D
Acq: 15 Aug 2022 19:59

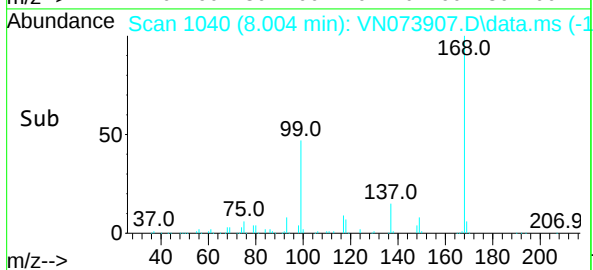
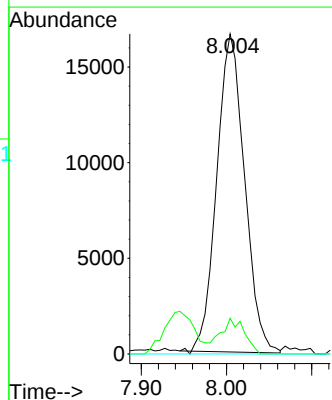
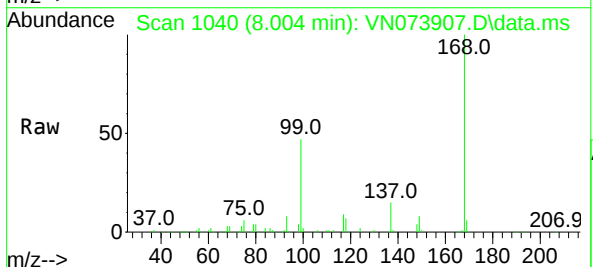
Instrument :
MSVOA_N
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EO-03-081022

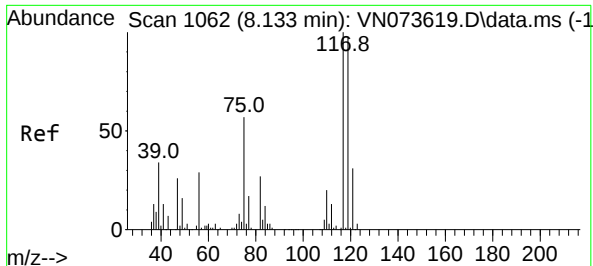
Tgt Ion:113 Resp: 263869
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.0
192 24.0 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.241 ug/l
RT: 8.004 min Scan# 1040
Delta R.T. -0.147 min
Lab File: VN073907.D
Acq: 15 Aug 2022 19:59

Tgt Ion: 75 Resp: 37639
Ion Ratio Lower Upper
75 100
110 9.5 18.3 54.8#
77 0.0 25.1 37.7#

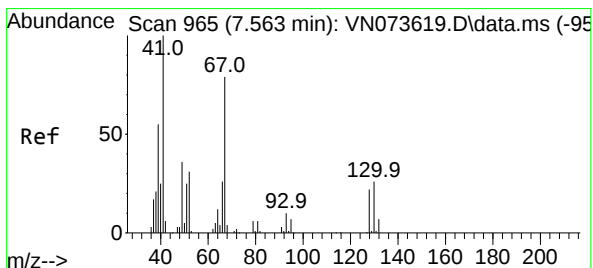
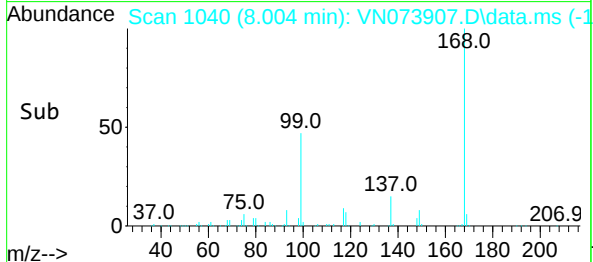
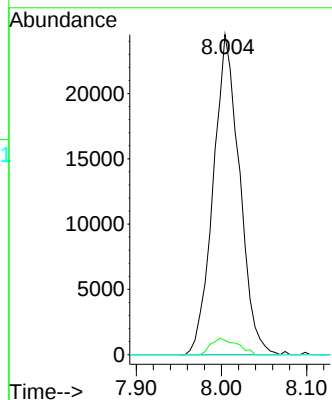
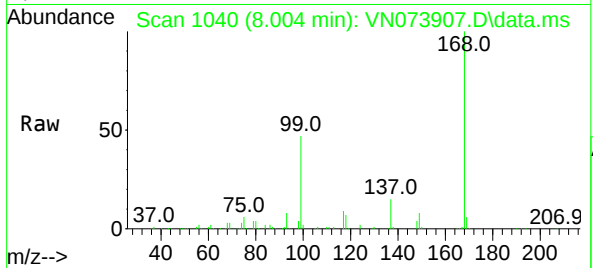




#38
Carbon Tetrachloride
Concen: 6.407 ug/l
RT: 8.004 min Scan# 117
Delta R.T. -0.129 min
Lab File: VN073907.D
Acq: 15 Aug 2022 19:59

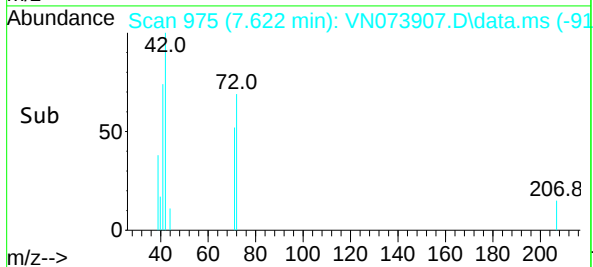
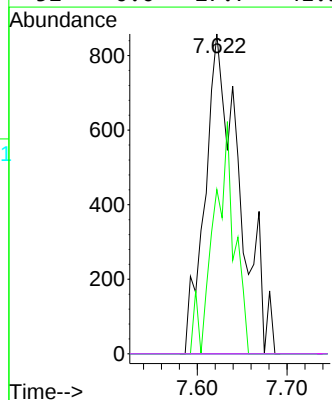
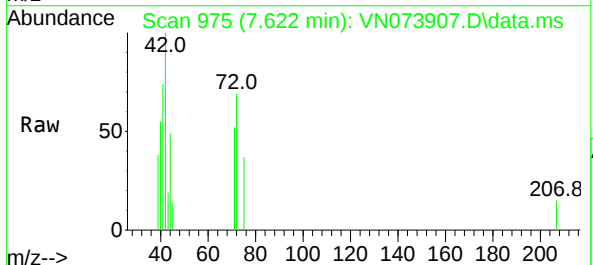
Instrument :
MSVOA_N
ClientSampleId :
EO-03-081022

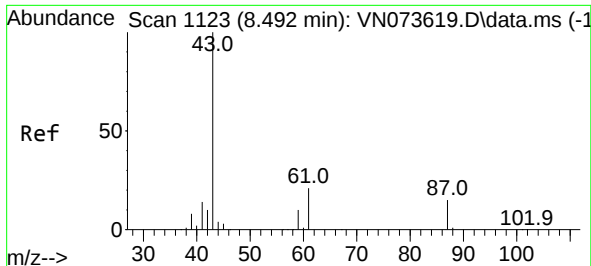
Tgt Ion:117 Resp: 52595
Ion Ratio Lower Upper
117 100
119 4.5 75.8 113.8#
121 0.0 24.6 37.0#



#41
Methacrylonitrile
Concen: 0.580 ug/l
RT: 7.622 min Scan# 975
Delta R.T. 0.059 min
Lab File: VN073907.D
Acq: 15 Aug 2022 19:59

Tgt Ion: 41 Resp: 2281
Ion Ratio Lower Upper
41 100
39 43.9 48.6 73.0#
67 0.0 73.4 110.2#
52 0.0 27.7 41.5#

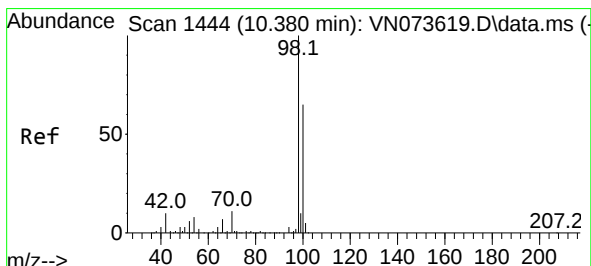
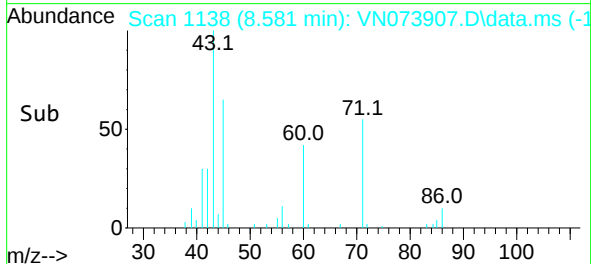
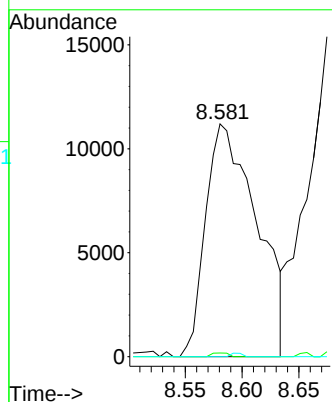
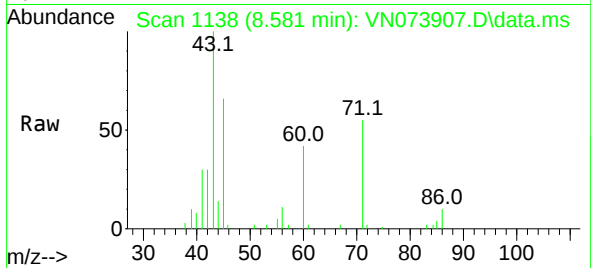




#43
Isopropyl Acetate
Concen: 2.836 ug/l
RT: 8.581 min Scan# 1123
Delta R.T. 0.088 min
Lab File: VN073907.D
Acq: 15 Aug 2022 19:59

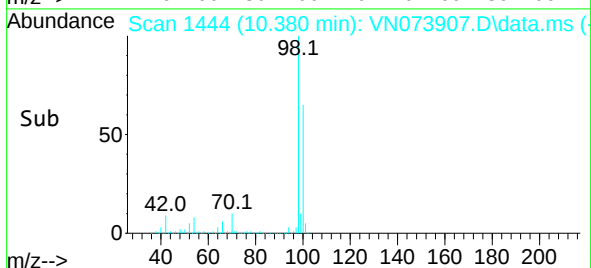
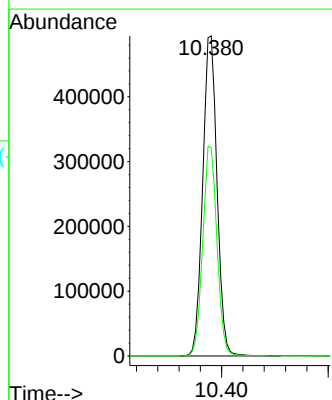
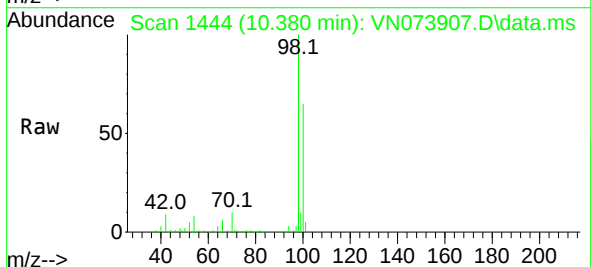
Instrument :
MSVOA_N
ClientSampleId :
EO-03-081022

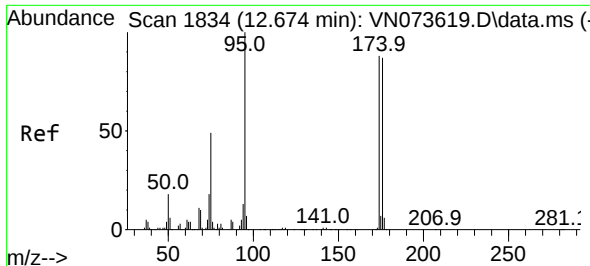
Tgt Ion: 43 Resp: 35146
Ion Ratio Lower Upper
43 100
61 0.5 21.9 32.9#
87 0.3 12.0 18.0#



#50
Toluene-d8
Concen: 45.944 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073907.D
Acq: 15 Aug 2022 19:59

Tgt Ion: 98 Resp: 920040
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8

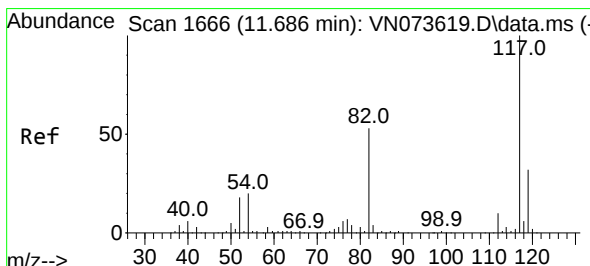
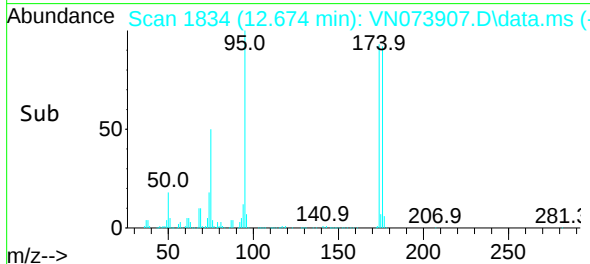
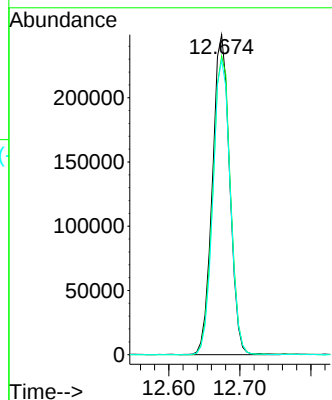
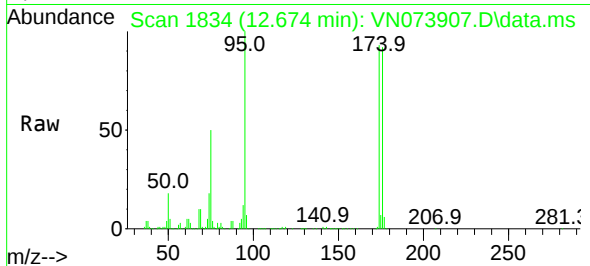




#62
4-Bromofluorobenzene
Concen: 63.187 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073907.D
Acq: 15 Aug 2022 19:59

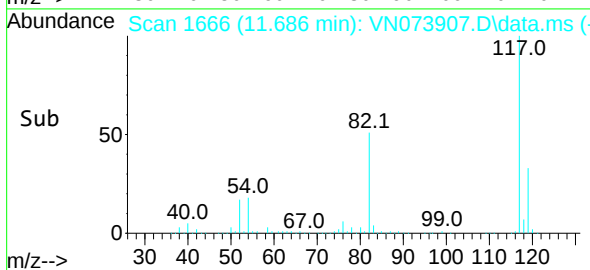
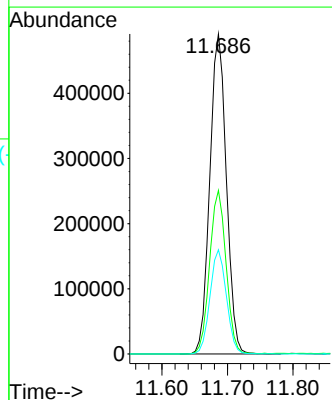
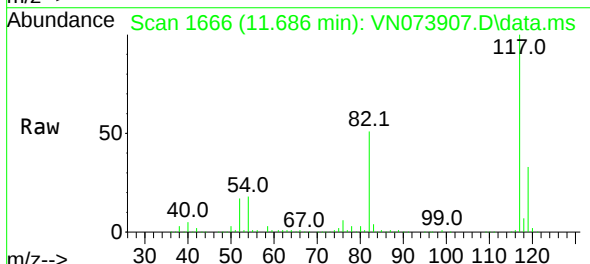
Instrument :
MSVOA_N
ClientSampleId :
EO-03-081022

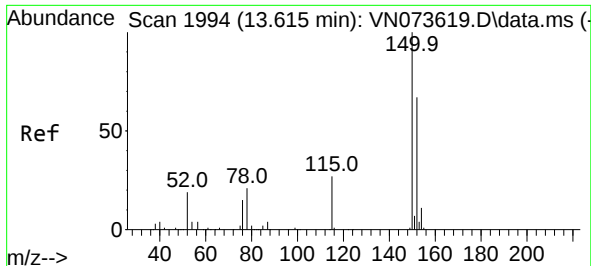
Tgt Ion: 95 Resp: 419946
Ion Ratio Lower Upper
95 100
174 95.3 0.0 167.6
176 92.5 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073907.D
Acq: 15 Aug 2022 19:59

Tgt Ion: 117 Resp: 861472
Ion Ratio Lower Upper
117 100
82 51.1 44.2 66.2
119 32.6 25.4 38.0

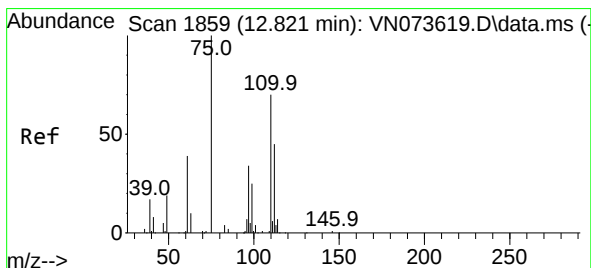
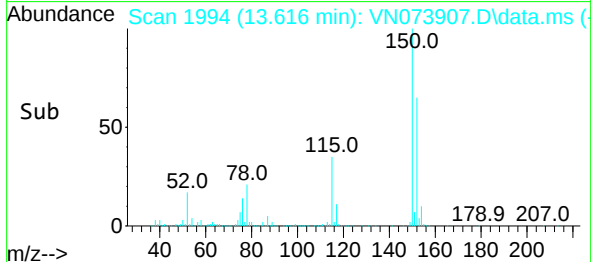
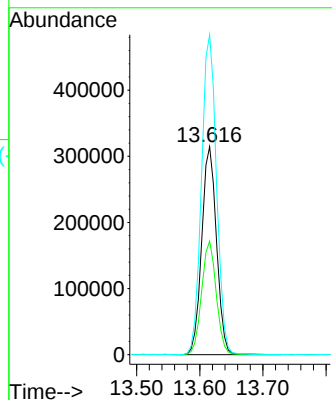
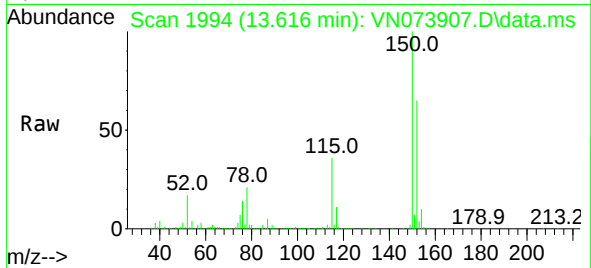




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: VN073907.D
 Acq: 15 Aug 2022 19:59

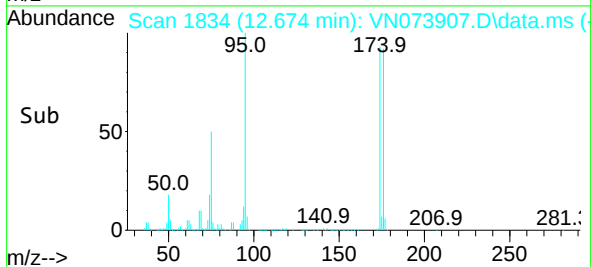
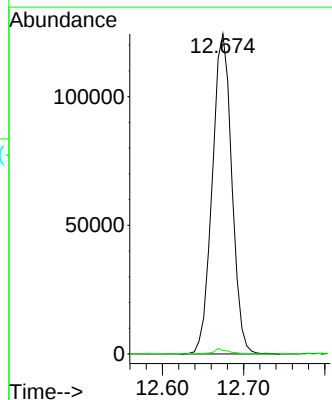
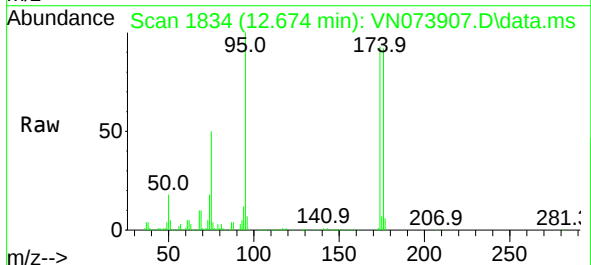
Instrument :
 MSVOA_N
 ClientSampleId :
 EO-03-081022

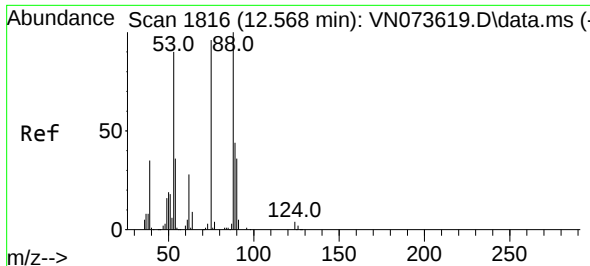
Tgt Ion:152 Resp: 511463
 Ion Ratio Lower Upper
 152 100
 115 53.9 28.9 86.7
 150 155.4 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 19.104 ug/l
 RT: 12.674 min Scan# 1834
 Delta R.T. -0.147 min
 Lab File: VN073907.D
 Acq: 15 Aug 2022 19:59

Tgt Ion: 75 Resp: 207701
 Ion Ratio Lower Upper
 75 100
 77 1.3 98.5 295.5#

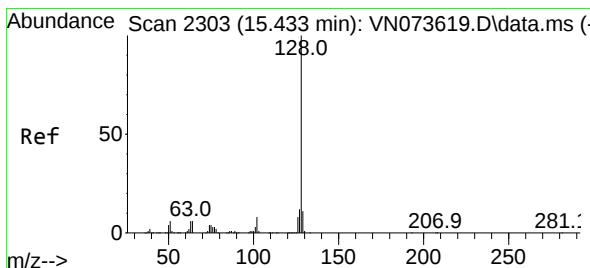
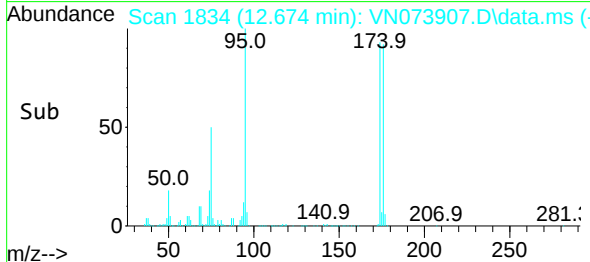
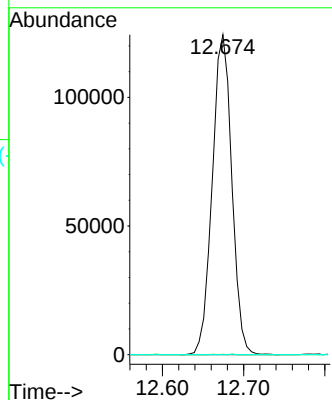
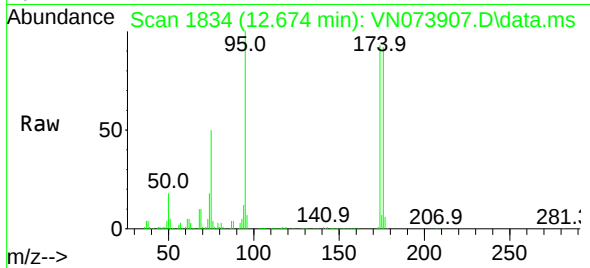




#81
trans-1,4-Dichloro-2-butene
Concen: 55.569 ug/l
RT: 12.674 min Scan# 1816
Delta R.T. 0.106 min
Lab File: VN073907.D
Acq: 15 Aug 2022 19:59

Instrument :
MSVOA_N
ClientSampleId :
EO-03-081022

Tgt Ion: 75 Resp: 207701
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 0.614 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN073907.D
Acq: 15 Aug 2022 19:59

Tgt Ion: 128 Resp: 21979
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 13.8 8.6 13.0#

