

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031524\
 Data File : VN081448.D
 Acq On : 16 Mar 2024 00:28
 Operator : JC\MD
 Sample : VN0315WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0315WBSD01

Quant Time: Mar 16 01:34:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	277147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	522244	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	469880	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	213972	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	218585	54.548	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.100%	
35) Dibromofluoromethane	8.171	113	168492	52.660	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.320%	
50) Toluene-d8	10.571	98	623271	52.109	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.220%	
62) 4-Bromofluorobenzene	12.853	95	211294	49.981	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 99.960%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	73307	19.954	ug/l	99
3) Chloromethane	2.359	50	72001	18.143	ug/l	97
4) Vinyl Chloride	2.518	62	74995	18.115	ug/l	98
5) Bromomethane	2.965	94	47058	17.019	ug/l	93
6) Chloroethane	3.124	64	54519	19.174	ug/l	97
7) Trichlorofluoromethane	3.501	101	120918	19.744	ug/l	94
8) Diethyl Ether	3.971	74	40202	18.632	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.377	101	66806	19.155	ug/l	95
10) Methyl Iodide	4.589	142	59143	18.531	ug/l	98
11) Tert butyl alcohol	5.512	59	60240	85.972	ug/l	99
12) 1,1-Dichloroethene	4.348	96	60170	18.630	ug/l	89
13) Acrolein	4.183	56	57166	68.899	ug/l	99
14) Allyl chloride	5.030	41	87834	18.325	ug/l	86
15) Acrylonitrile	5.718	53	181263	99.022	ug/l	96
16) Acetone	4.430	43	146616	103.266	ug/l	94
17) Carbon Disulfide	4.718	76	156510	16.978	ug/l	98
18) Methyl Acetate	5.030	43	100928	24.829	ug/l	93
19) Methyl tert-butyl Ether	5.800	73	213142	19.458	ug/l	99
20) Methylene Chloride	5.283	84	70729	19.675	ug/l #	94
21) trans-1,2-Dichloroethene	5.789	96	66854	18.359	ug/l	99
22) Diisopropyl ether	6.671	45	227517	21.371	ug/l	95
23) Vinyl Acetate	6.606	43	843315	97.506	ug/l #	93
24) 1,1-Dichloroethane	6.571	63	135291	20.760	ug/l	99
25) 2-Butanone	7.483	43	235476	99.035	ug/l	92
26) 2,2-Dichloropropane	7.489	77	98863	17.164	ug/l	96
27) cis-1,2-Dichloroethene	7.483	96	78623	19.044	ug/l	92
28) Bromochloromethane	7.812	49	46414	16.645	ug/l #	77
29) Tetrahydrofuran	7.841	42	159072	98.111	ug/l #	89
30) Chloroform	7.971	83	142036	21.002	ug/l	96
31) Cyclohexane	8.259	56	109869	18.110	ug/l #	78
32) 1,1,1-Trichloroethane	8.171	97	123470	20.655	ug/l	93
36) 1,1-Dichloropropene	8.377	75	96009	18.599	ug/l	98
37) Ethyl Acetate	7.565	43	94183	18.665	ug/l	97
38) Carbon Tetrachloride	8.365	117	103483	19.919	ug/l	97
39) Methylcyclohexane	9.606	83	101873	17.148	ug/l	92
40) Benzene	8.612	78	289909	18.816	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	54080	18.978	ug/l	96
42) 1,2-Dichloroethane	8.671	62	110651	20.368	ug/l	99
43) Isopropyl Acetate	8.694	43	162894	18.444	ug/l	96
44) Trichloroethene	9.353	130	73005	18.787	ug/l	99
45) 1,2-Dichloropropane	9.624	63	79064	20.427	ug/l	99
46) Dibromomethane	9.712	93	54024	19.802	ug/l	92
47) Bromodichloromethane	9.894	83	111549	21.062	ug/l #	98
48) Methyl methacrylate	9.682	41	77108	19.751	ug/l	92
49) 1,4-Dioxane	9.694	88	28508	331.309	ug/l #	89
51) 4-Methyl-2-Pentanone	10.447	43	525513	102.474	ug/l	97
52) Toluene	10.635	92	188616	20.265	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	110443	19.273	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	117078	18.925	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	78699	21.322	ug/l	95
56) Ethyl methacrylate	10.877	69	104839	19.781	ug/l	94
57) 1,3-Dichloropropane	11.165	76	128986	20.024	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	301494	105.754	ug/l	93
59) 2-Hexanone	11.200	43	391701	102.170	ug/l	99
60) Dibromochloromethane	11.365	129	80120	21.077	ug/l	96
61) 1,2-Dibromoethane	11.471	107	74429	19.435	ug/l	97
64) Tetrachloroethene	11.106	164	72189	19.621	ug/l	90
65) Chlorobenzene	11.894	112	190282	19.217	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	74633	20.598	ug/l	97
67) Ethyl Benzene	11.965	91	341790	19.163	ug/l	100
68) m/p-Xylenes	12.071	106	252167	37.567	ug/l	99
69) o-Xylene	12.400	106	122468	18.826	ug/l	100
70) Styrene	12.418	104	205931	19.975	ug/l	97
71) Bromoform	12.582	173	49457	19.661	ug/l #	98
73) Isopropylbenzene	12.700	105	325937	18.864	ug/l	99
74) N-amyl acetate	12.494	43	136904	18.884	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	102993	19.315	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	142559	28.207	ug/l	59
77) Bromobenzene	12.982	156	75032	18.316	ug/l	83
78) n-propylbenzene	13.041	91	393502	19.255	ug/l	97
79) 2-Chlorotoluene	13.129	91	241933	19.368	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	275386	19.281	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	32242	17.804	ug/l #	83
82) 4-Chlorotoluene	13.223	91	233103	18.893	ug/l	97
83) tert-Butylbenzene	13.441	119	224361	18.323	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	280920	19.413	ug/l	97
85) sec-Butylbenzene	13.618	105	336631	19.003	ug/l	96
86) p-Isopropyltoluene	13.729	119	269947	19.002	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	138417	17.894	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	143521	18.563	ug/l	96
89) n-Butylbenzene	14.059	91	231230	17.749	ug/l	96
90) Hexachloroethane	14.335	117	52137	20.962	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	138518	18.664	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	20103	17.618	ug/l	76
93) 1,2,4-Trichlorobenzene	15.394	180	70464	17.762	ug/l	99
94) Hexachlorobutadiene	15.506	225	28492	17.381	ug/l	93
95) Naphthalene	15.641	128	246111	17.435	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	69284	17.222	ug/l	96

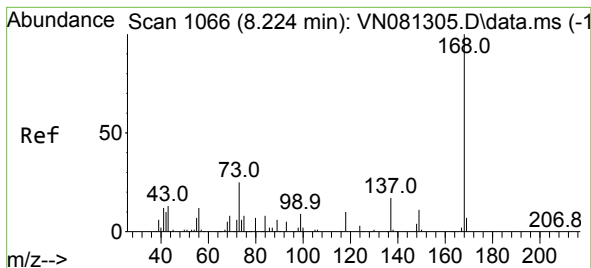
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031524\
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QLast Update : Wed Mar 06 03:12:57 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. 0.006 min

Lab File: VN081448.D

Acq: 16 Mar 2024 00:28

Instrument :

MSVOA_N

ClientSampleId :

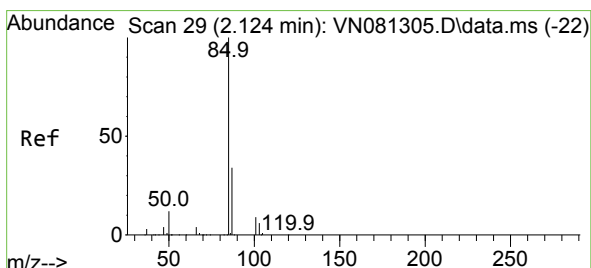
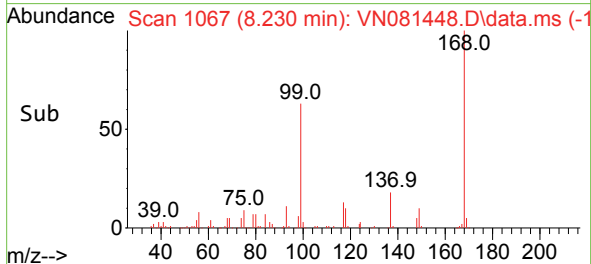
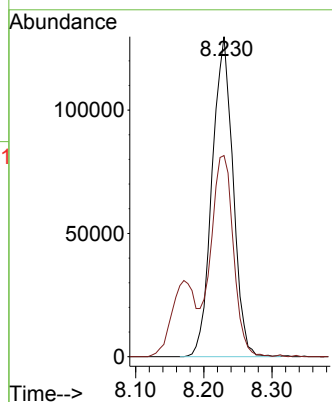
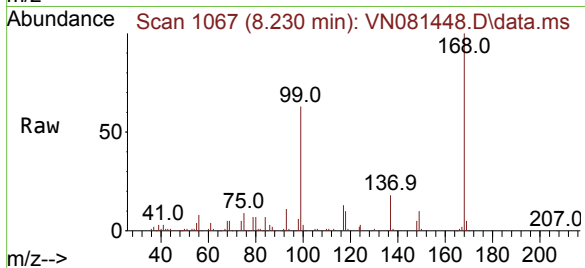
VN0315WBSD01

Tgt Ion:168 Resp: 277147

Ion Ratio Lower Upper

168 100

99 62.3 59.9 89.9



#2

Dichlorodifluoromethane

Concen: 19.954 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN081448.D

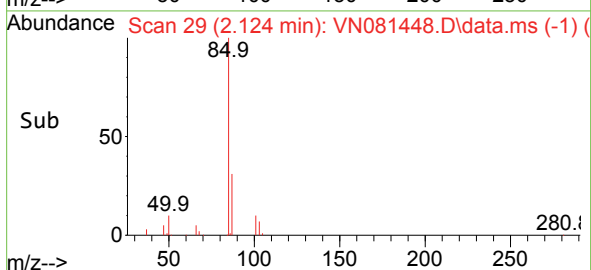
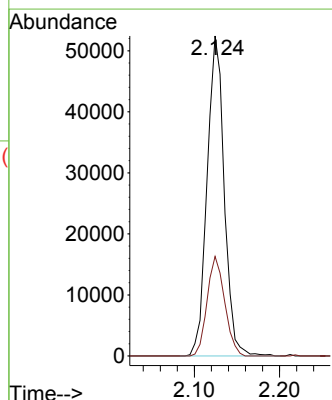
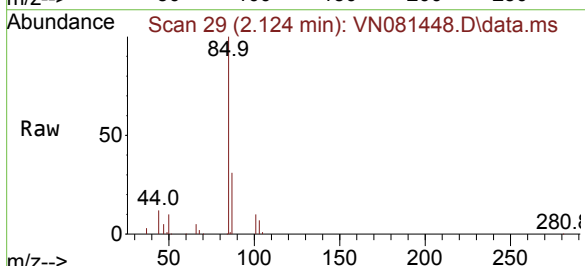
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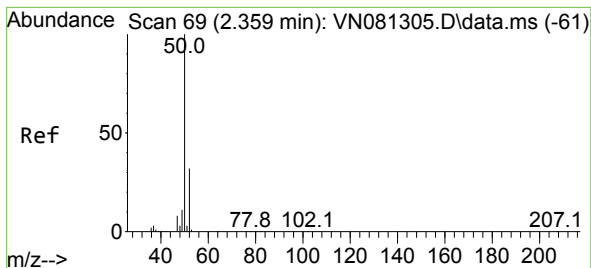
Tgt Ion: 85 Resp: 73307

Ion Ratio Lower Upper

85 100

87 31.1 15.3 45.9





#3

Chloromethane

Concen: 18.143 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN081448.D

Acq: 16 Mar 2024 00:28

Instrument :

MSVOA_N

ClientSampleId :

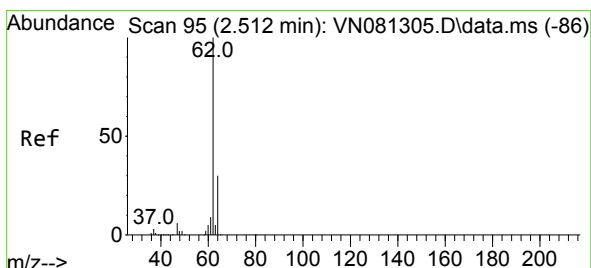
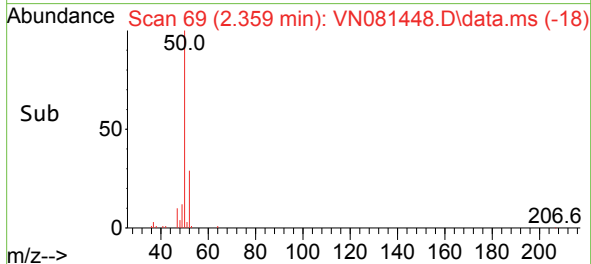
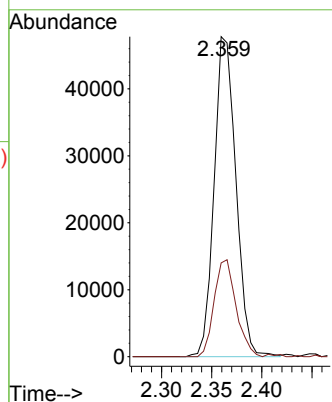
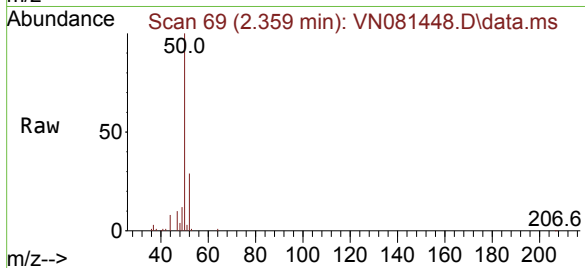
VN0315WBSD01

Tgt Ion: 50 Resp: 72001

Ion Ratio Lower Upper

50 100

52 29.3 25.0 37.4



#4

Vinyl Chloride

Concen: 18.115 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.006 min

Lab File: VN081448.D

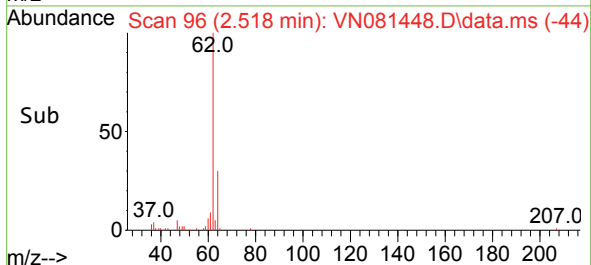
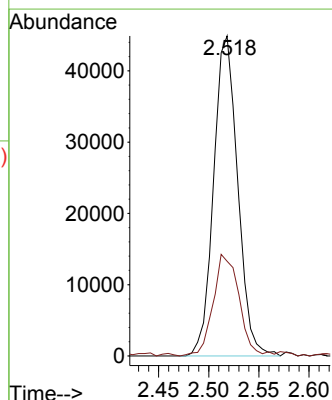
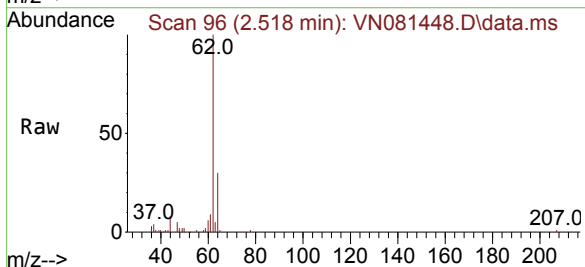
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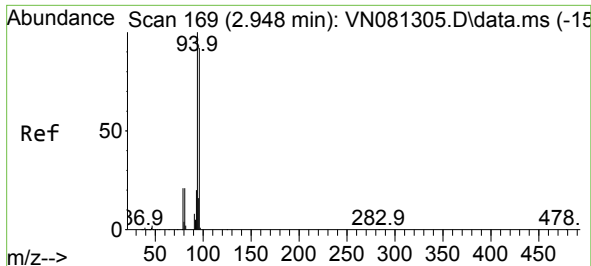
Tgt Ion: 62 Resp: 74995

Ion Ratio Lower Upper

62 100

64 29.6 22.7 34.1

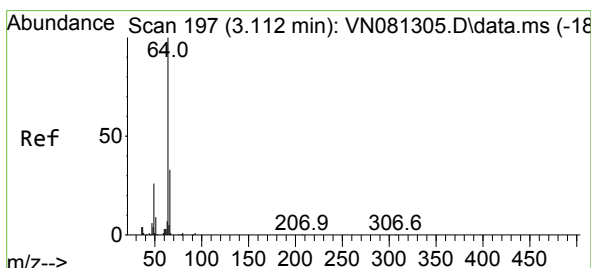
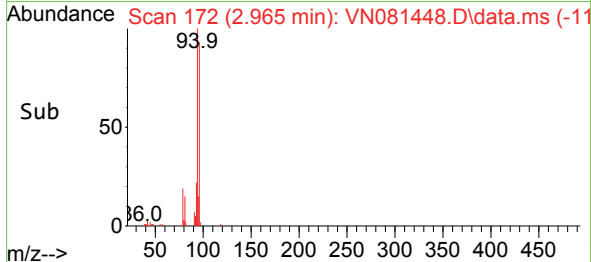
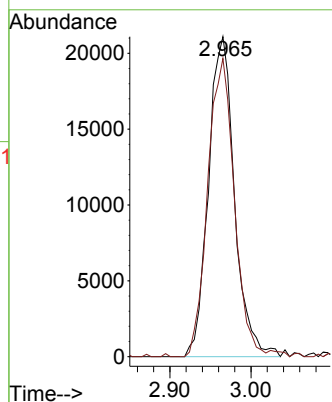
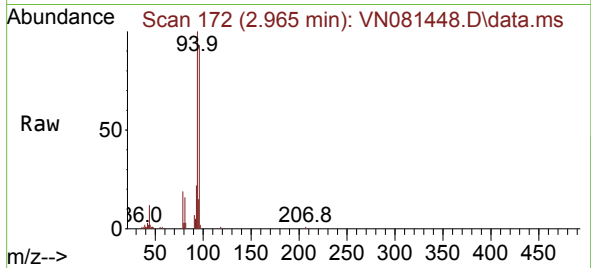




#5
Bromomethane
Concen: 17.019 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN081448.D
Acq: 16 Mar 2024 00:28

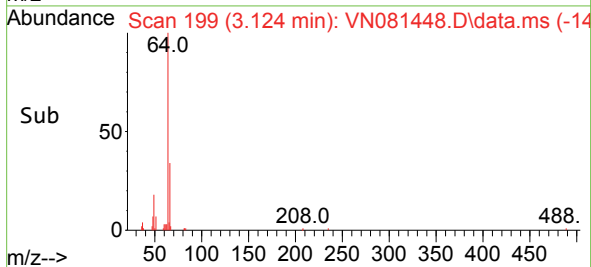
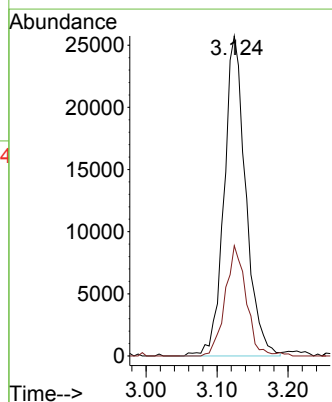
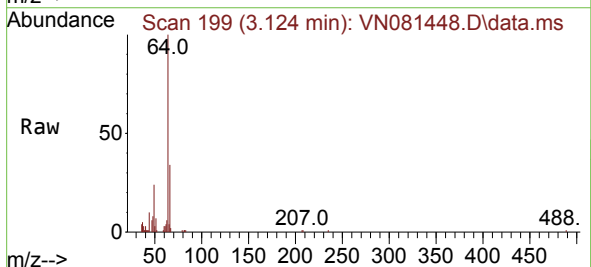
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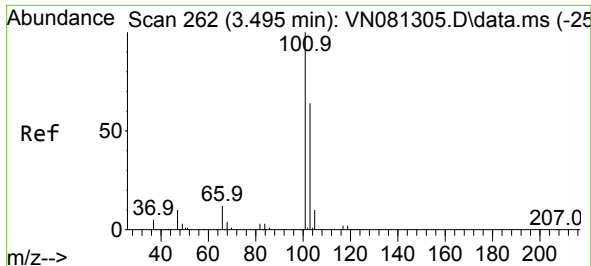
Tgt Ion: 94 Resp: 47058
Ion Ratio Lower Upper
94 100
96 93.2 69.2 103.8



#6
Chloroethane
Concen: 19.174 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN081448.D
Acq: 16 Mar 2024 00:28

Tgt Ion: 64 Resp: 54519
Ion Ratio Lower Upper
64 100
66 34.5 26.4 39.6

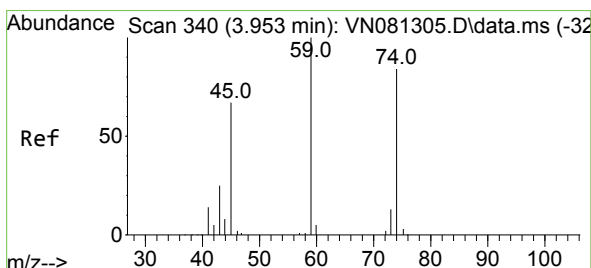
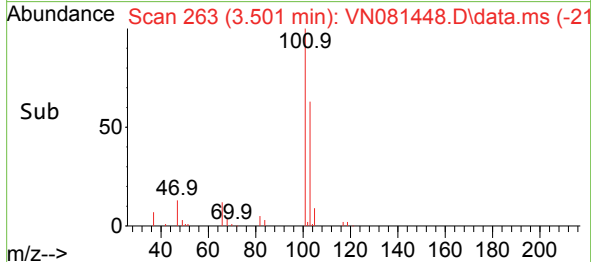
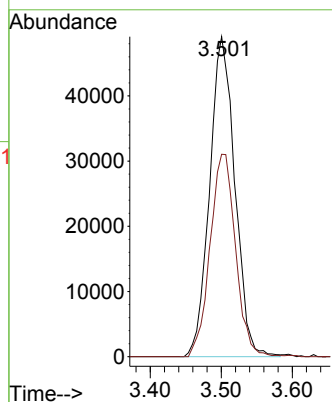
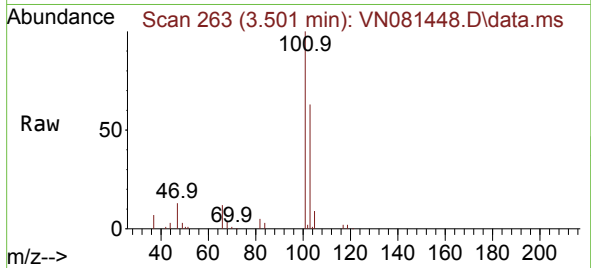




#7
 Trichlorofluoromethane
 Concen: 19.744 ug/l
 RT: 3.501 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN081448.D
 Acq: 16 Mar 2024 00:28

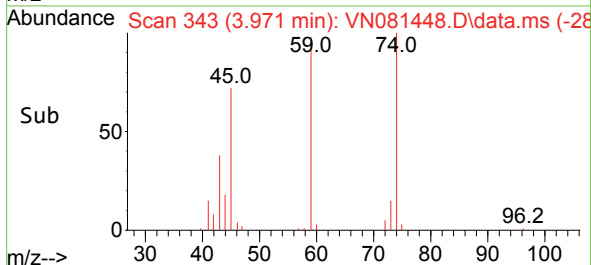
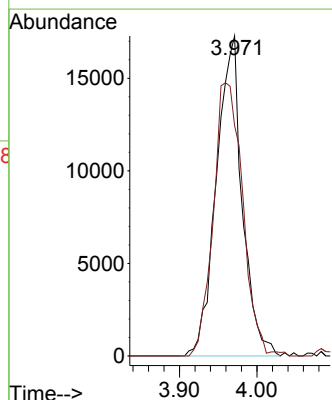
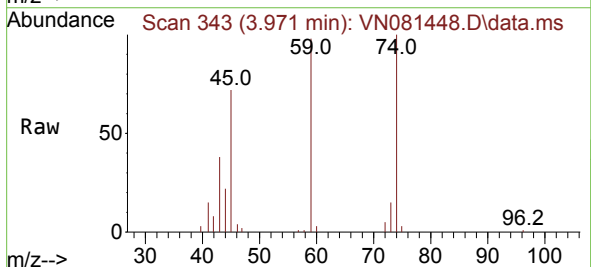
Instrument :
 MSVOA_N
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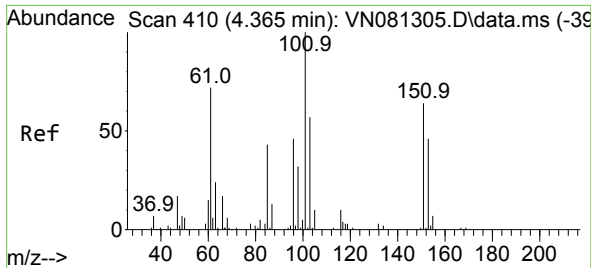
Tgt Ion:101 Resp: 120918
 Ion Ratio Lower Upper
 101 100
 103 63.2 54.4 81.6



#8
 Diethyl Ether
 Concen: 18.632 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.018 min
 Lab File: VN081448.D
 Acq: 16 Mar 2024 00:28

Tgt Ion: 74 Resp: 40202
 Ion Ratio Lower Upper
 74 100
 45 96.3 53.3 159.9

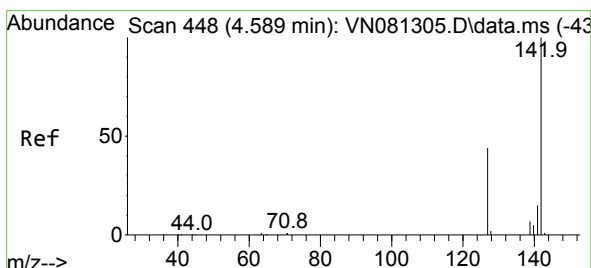
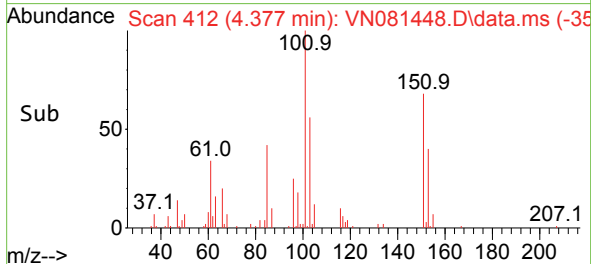
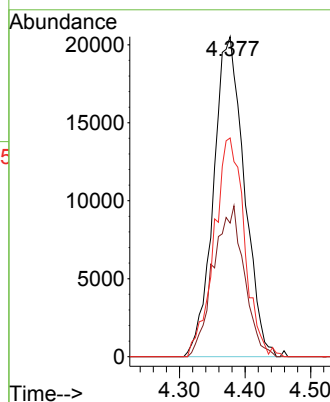
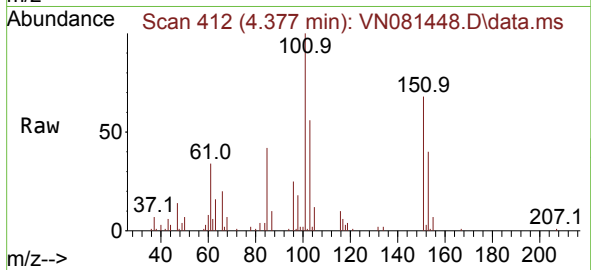




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.155 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN081448.D
Acq: 16 Mar 2024 00:28

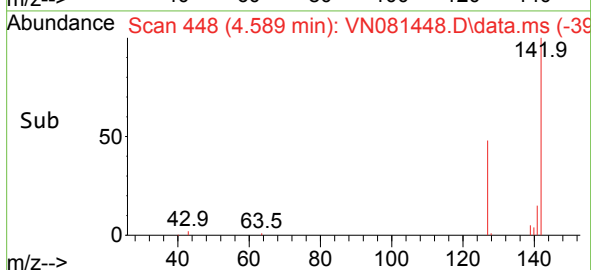
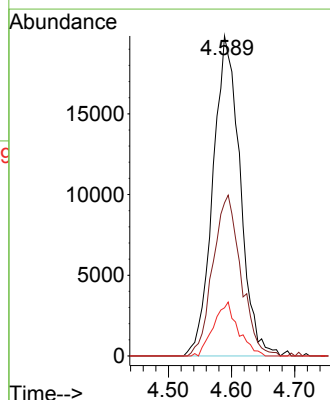
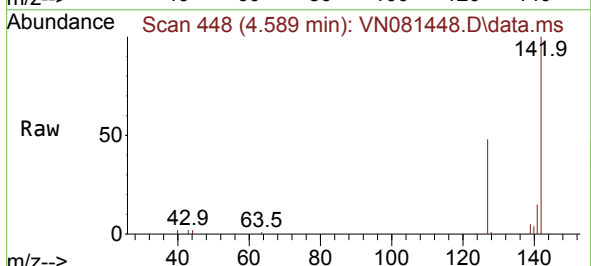
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBSD01

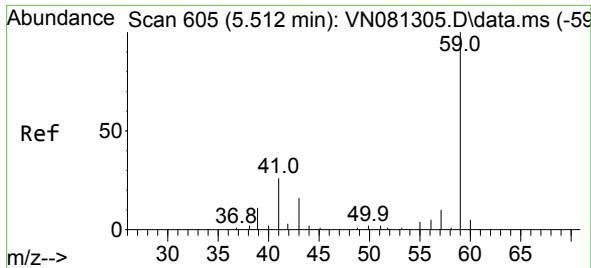
Tgt Ion:101 Resp: 66806
Ion Ratio Lower Upper
101 100
85 47.4 38.1 57.1
151 67.4 49.1 73.7



#10
Methyl Iodide
Concen: 18.531 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081448.D
Acq: 16 Mar 2024 00:28

Tgt Ion:142 Resp: 59143
Ion Ratio Lower Upper
142 100
127 47.8 37.0 55.4
141 15.0 12.5 18.7

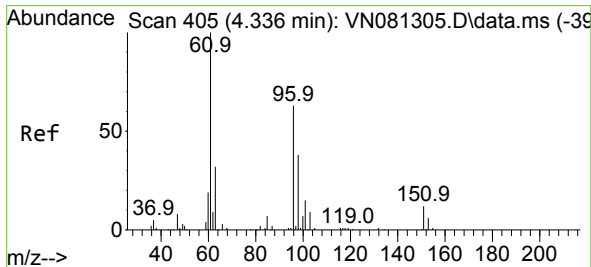
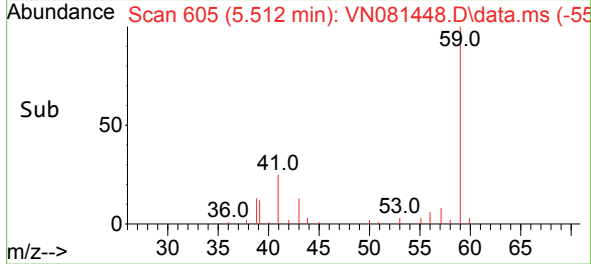
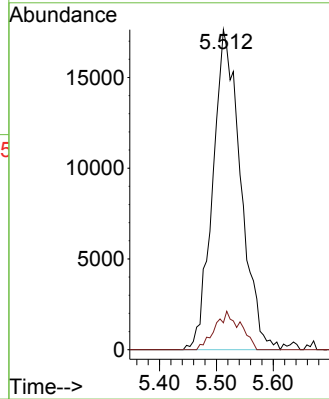
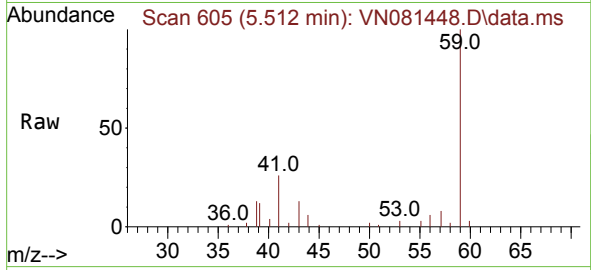




#11
Tert butyl alcohol
Concen: 85.972 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN081448.D
Acq: 16 Mar 2024 00:28

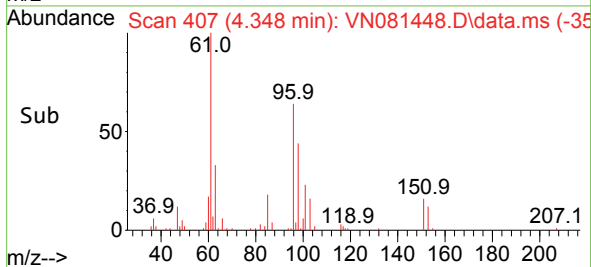
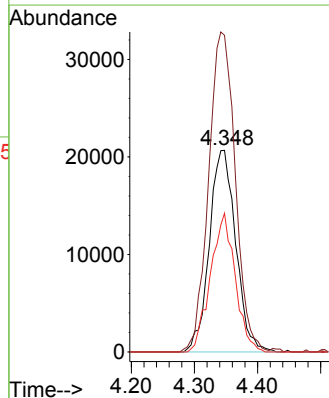
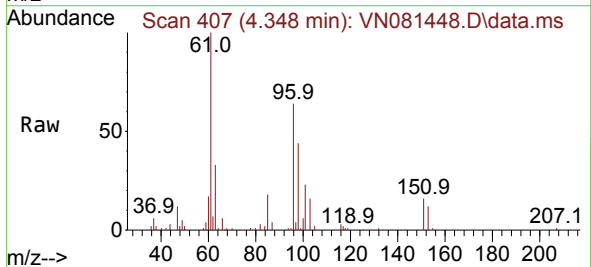
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBSD01

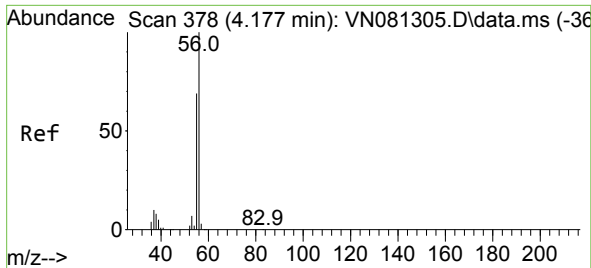
Tgt Ion: 59 Resp: 60240
Ion Ratio Lower Upper
59 100
57 11.0 8.6 12.8



#12
1,1-Dichloroethene
Concen: 18.630 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.012 min
Lab File: VN081448.D
Acq: 16 Mar 2024 00:28

Tgt Ion: 96 Resp: 60170
Ion Ratio Lower Upper
96 100
61 157.0 138.2 207.4
98 68.8 49.2 73.8





#13

Acrolein

Concen: 68.899 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN081448.D

Acq: 16 Mar 2024 00:28

Instrument :

MSVOA_N

ClientSampleId :

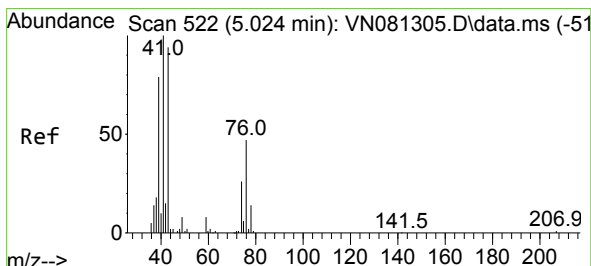
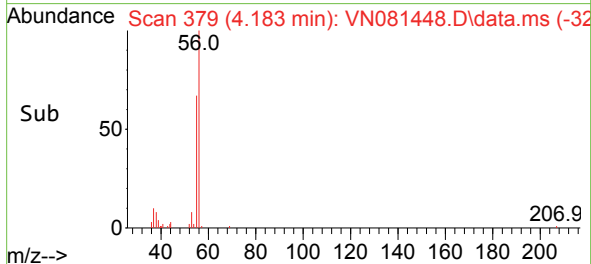
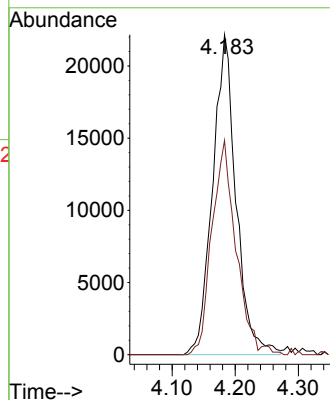
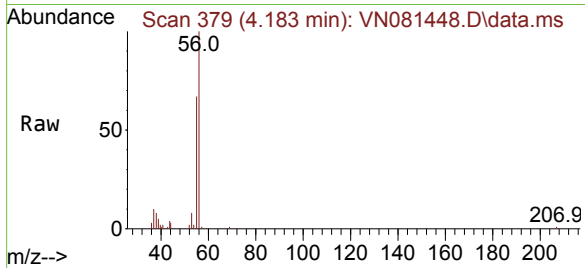
VN0315WBSD01

Tgt Ion: 56 Resp: 57166

Ion Ratio Lower Upper

56 100

55 68.1 55.3 82.9



#14

Allyl chloride

Concen: 18.325 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.006 min

Lab File: VN081448.D

Acq: 16 Mar 2024 00:28

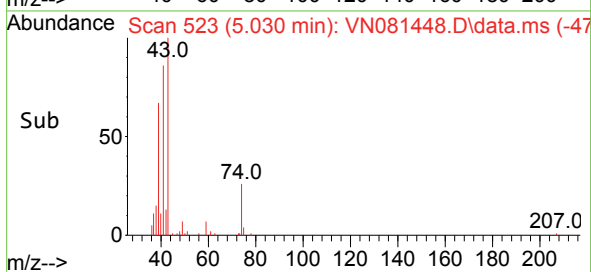
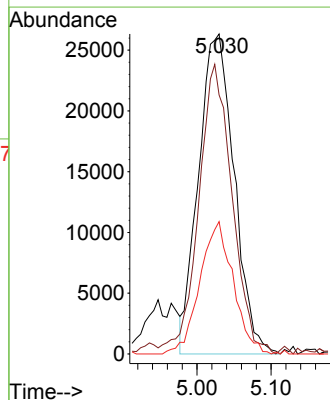
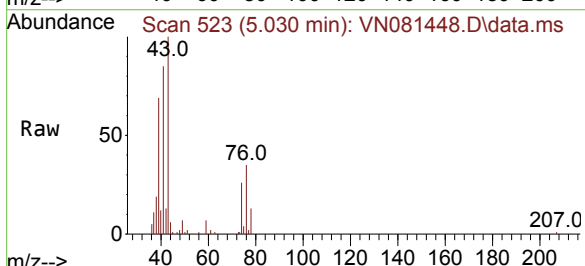
Tgt Ion: 41 Resp: 87834

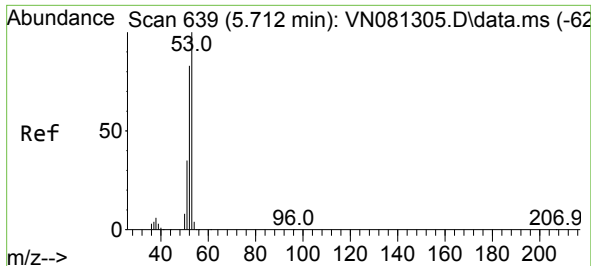
Ion Ratio Lower Upper

41 100

39 85.2 57.7 86.5

76 38.7 26.8 40.2

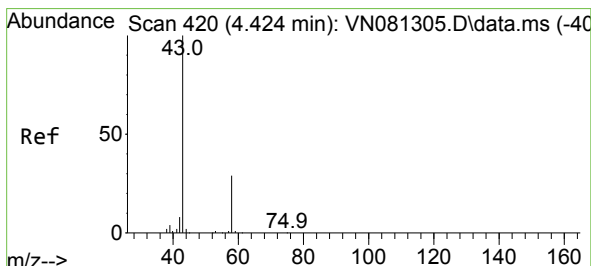
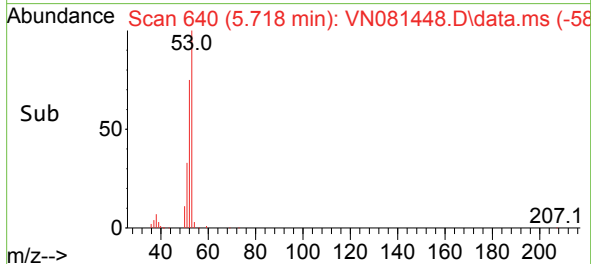
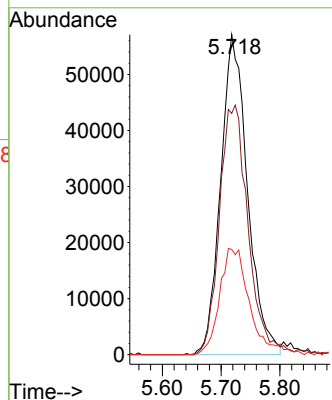
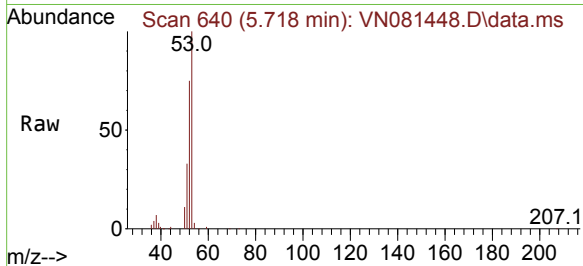




#15
Acrylonitrile
Concen: 99.022 ug/l
RT: 5.718 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN081448.D
Acq: 16 Mar 2024 00:28

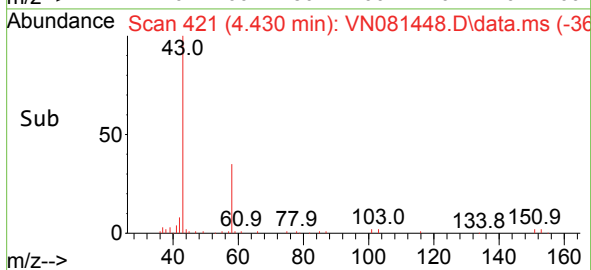
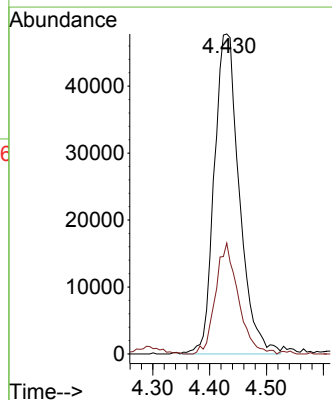
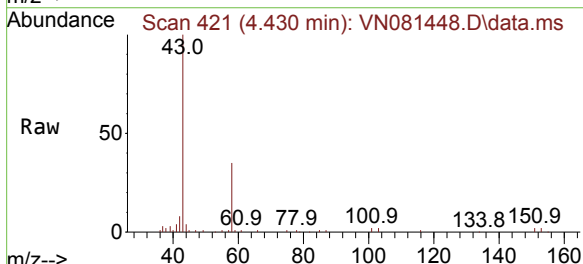
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBSD01

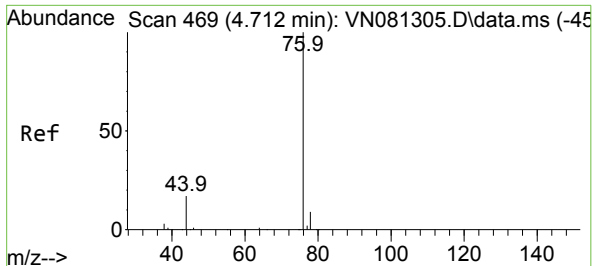
Tgt Ion: 53 Resp: 181263
Ion Ratio Lower Upper
53 100
52 83.1 64.8 97.2
51 37.2 26.9 40.3



#16
Acetone
Concen: 103.266 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081448.D
Acq: 16 Mar 2024 00:28

Tgt Ion: 43 Resp: 146616
Ion Ratio Lower Upper
43 100
58 34.3 24.8 37.2





#17

Carbon Disulfide

Concen: 16.978 ug/l

RT: 4.718 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN081448.D

Acq: 16 Mar 2024 00:28

Instrument :

MSVOA_N

ClientSampleId :

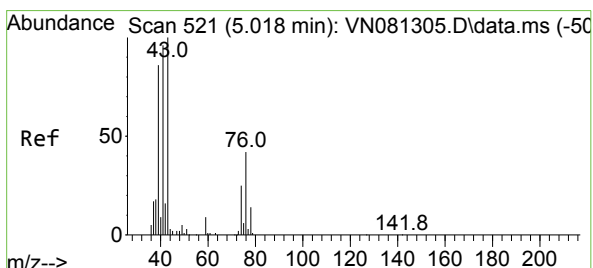
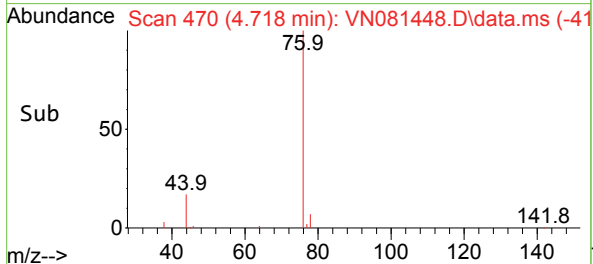
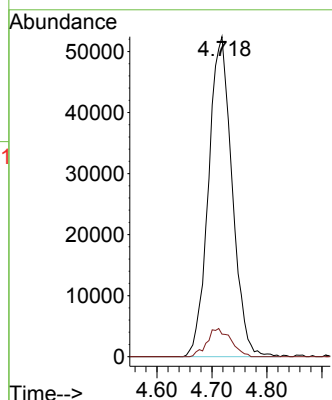
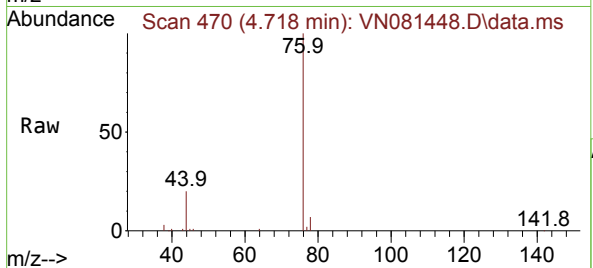
VN0315WBSD01

Tgt Ion: 76 Resp: 156510

Ion Ratio Lower Upper

76 100

78 7.1 6.3 9.5



#18

Methyl Acetate

Concen: 24.829 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.012 min

Lab File: VN081448.D

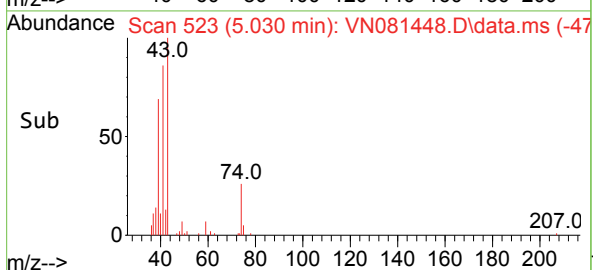
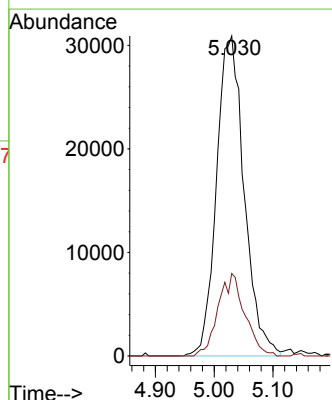
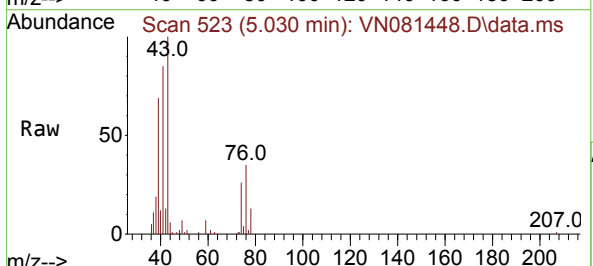
Acq: 16 Mar 2024 00:28

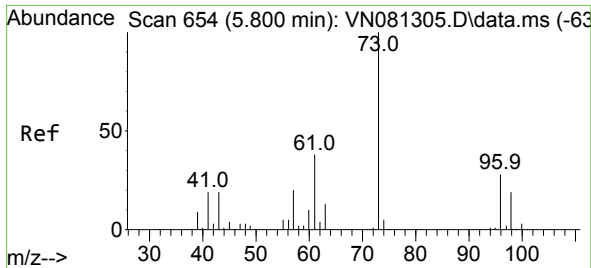
Tgt Ion: 43 Resp: 100928

Ion Ratio Lower Upper

43 100

74 24.9 17.3 25.9

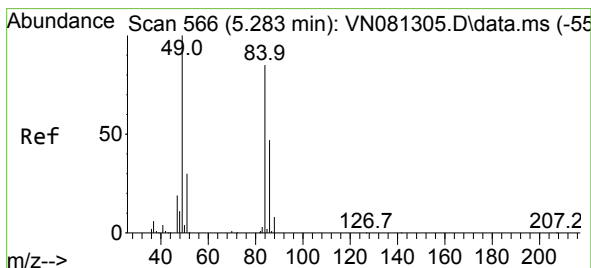
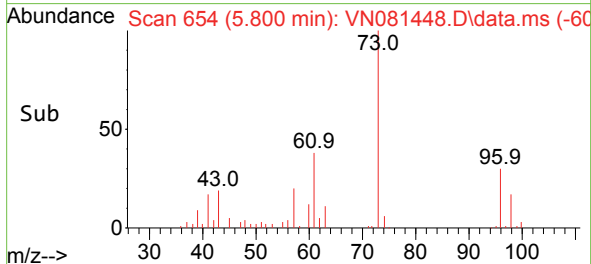
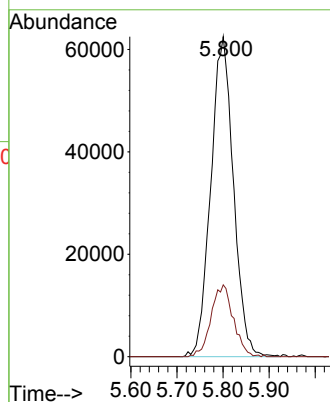
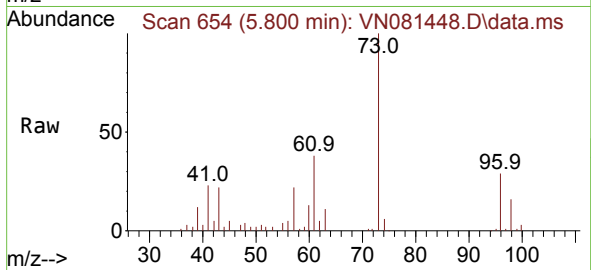




#19
Methyl tert-butyl Ether
Concen: 19.458 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081448.D
Acq: 16 Mar 2024 00:28

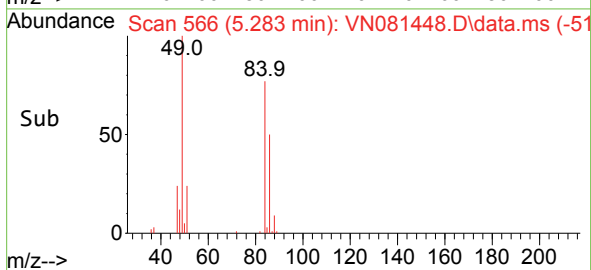
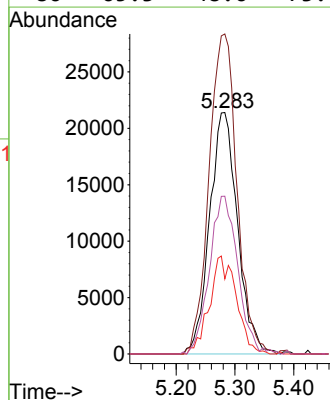
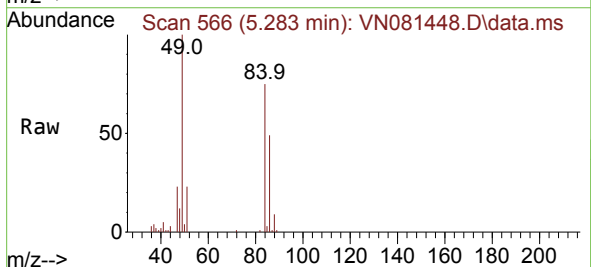
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBSD01

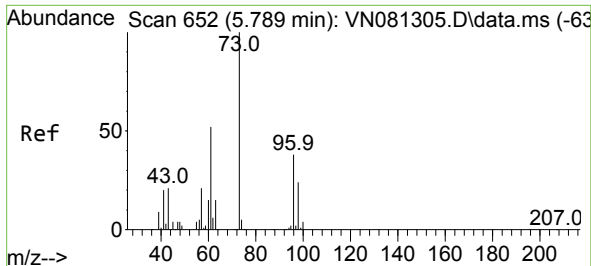
Tgt Ion: 73 Resp: 213142
Ion Ratio Lower Upper
73 100
57 22.5 18.2 27.4



#20
Methylene Chloride
Concen: 19.675 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN081448.D
Acq: 16 Mar 2024 00:28

Tgt Ion: 84 Resp: 70729
Ion Ratio Lower Upper
84 100
49 132.6 108.1 162.1
51 31.1 32.9 49.3#
86 65.3 48.6 73.0

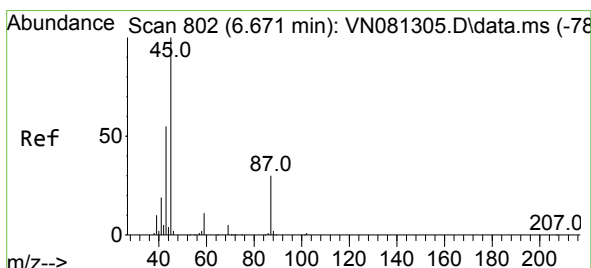
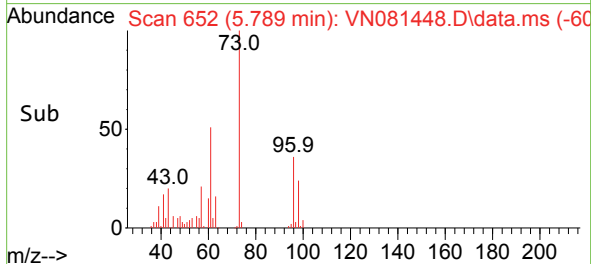
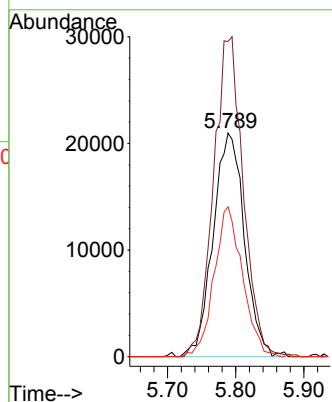
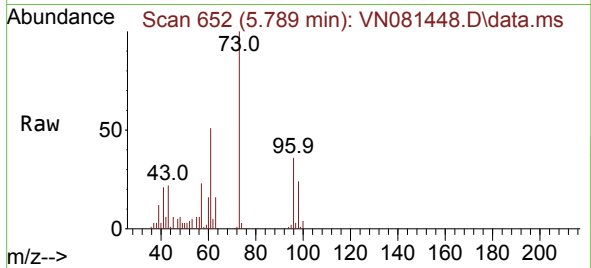




#21
trans-1,2-Dichloroethene
Concen: 18.359 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081448.D
Acq: 16 Mar 2024 00:28

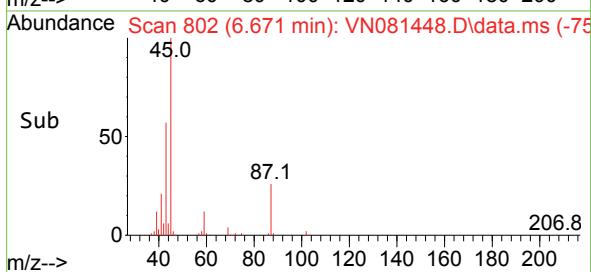
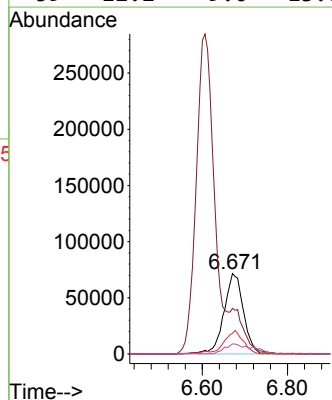
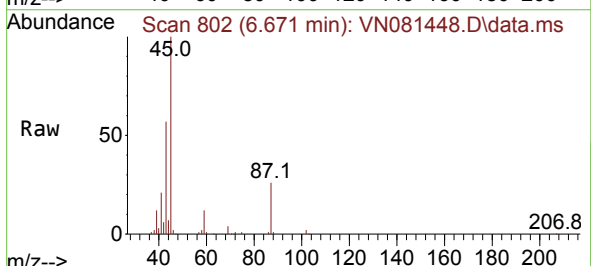
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBSD01

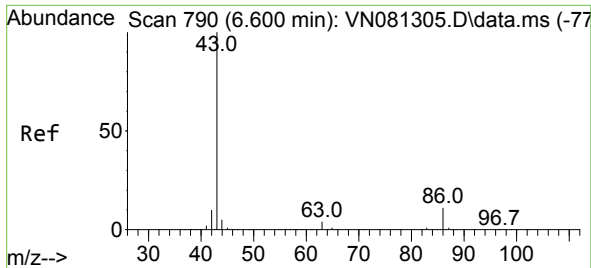
Tgt Ion: 96 Resp: 66854
Ion Ratio Lower Upper
96 100
61 141.0 112.8 169.2
98 67.1 51.0 76.4



#22
Diisopropyl ether
Concen: 21.371 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081448.D
Acq: 16 Mar 2024 00:28

Tgt Ion: 45 Resp: 227517
Ion Ratio Lower Upper
45 100
43 55.7 41.8 62.8
87 25.7 18.1 27.1
59 12.2 9.0 13.6

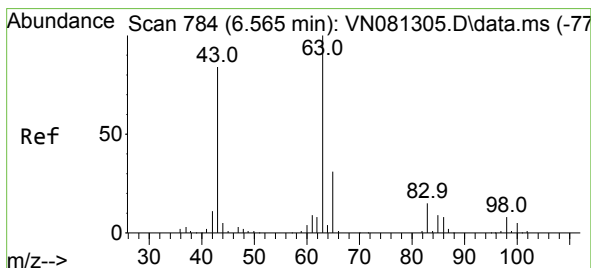
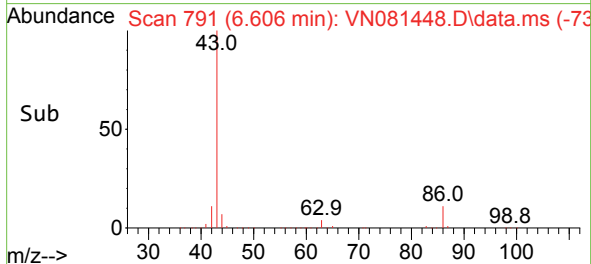
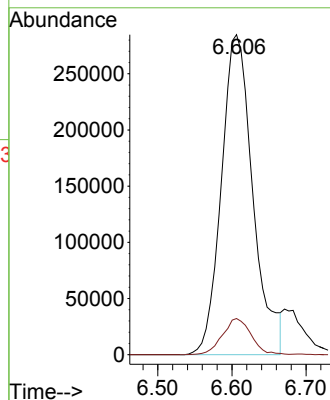
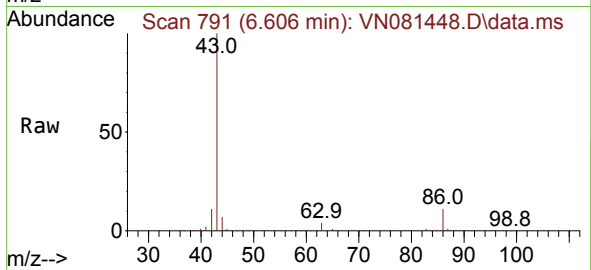




#23
 Vinyl Acetate
 Concen: 97.506 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN081448.D
 Acq: 16 Mar 2024 00:28

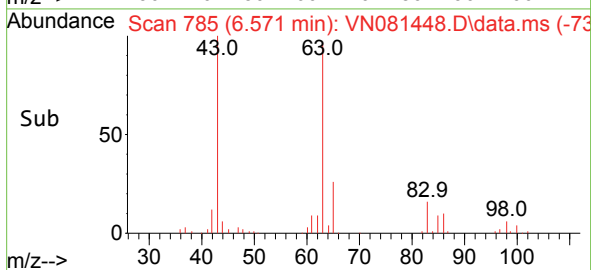
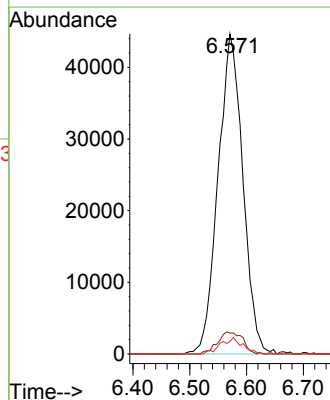
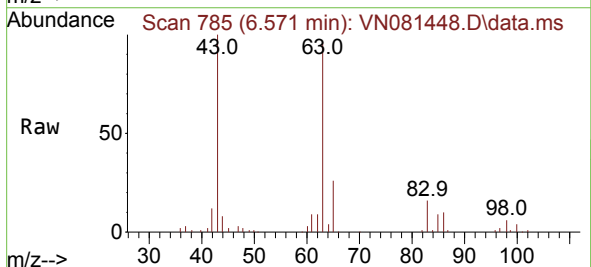
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0315WBSD01

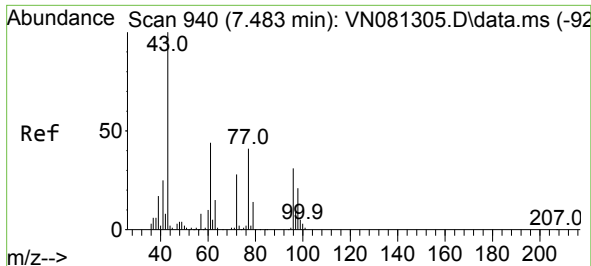
Tgt Ion: 43 Resp: 843315
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 20.760 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN081448.D
 Acq: 16 Mar 2024 00:28

Tgt Ion: 63 Resp: 135291
 Ion Ratio Lower Upper
 63 100
 98 6.5 2.9 8.6
 100 3.9 1.9 5.7

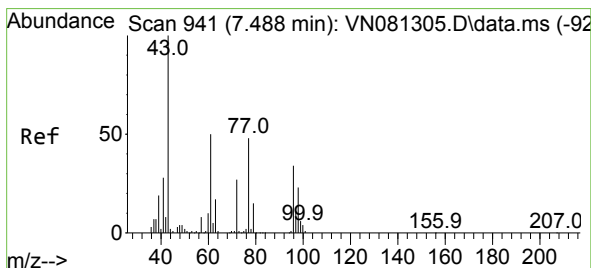
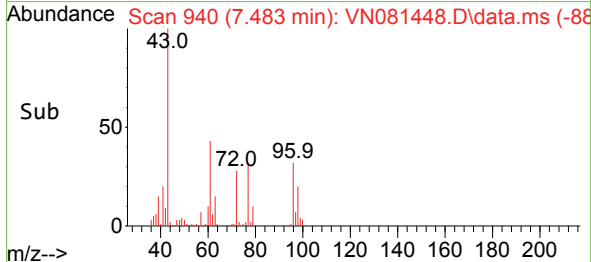
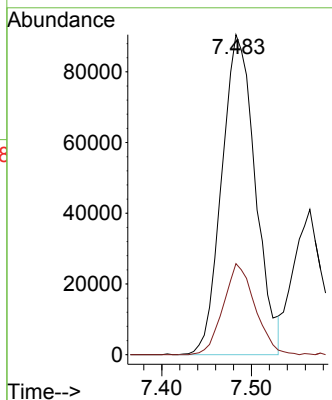
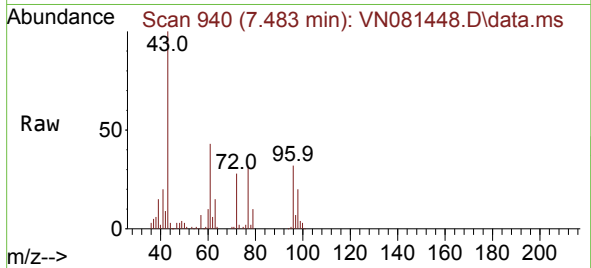




#25
2-Butanone
Concen: 99.035 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081448.D
Acq: 16 Mar 2024 00:28

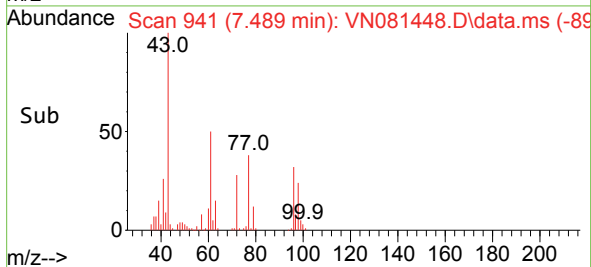
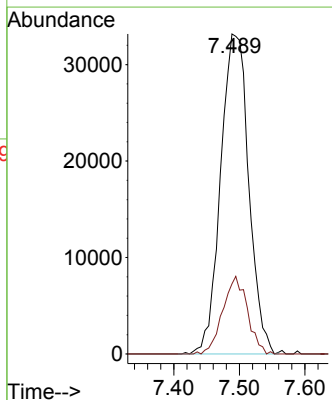
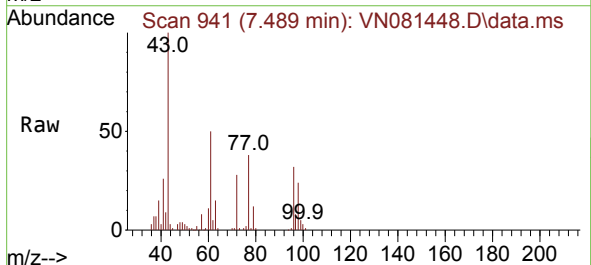
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBSD01

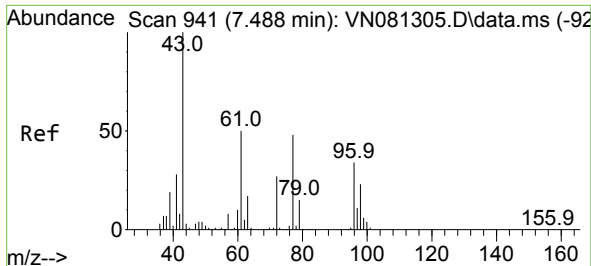
Tgt Ion: 43 Resp: 235476
Ion Ratio Lower Upper
43 100
72 28.5 19.5 29.3



#26
2,2-Dichloropropane
Concen: 17.164 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081448.D
Acq: 16 Mar 2024 00:28

Tgt Ion: 77 Resp: 98863
Ion Ratio Lower Upper
77 100
97 21.3 11.5 34.5

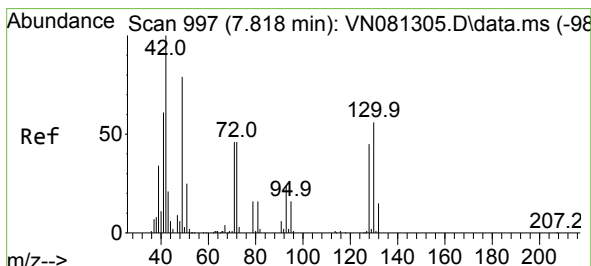
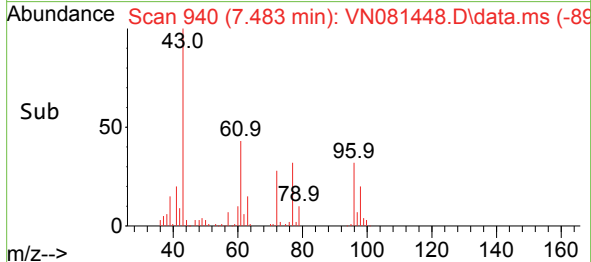
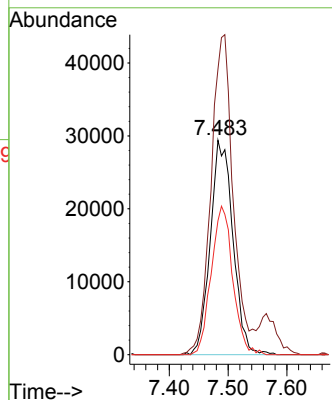
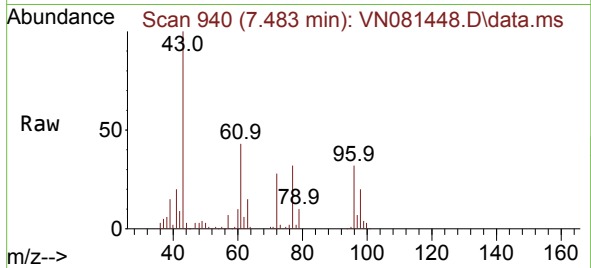




#27
 cis-1,2-Dichloroethene
 Concen: 19.044 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN081448.D
 Acq: 16 Mar 2024 00:28

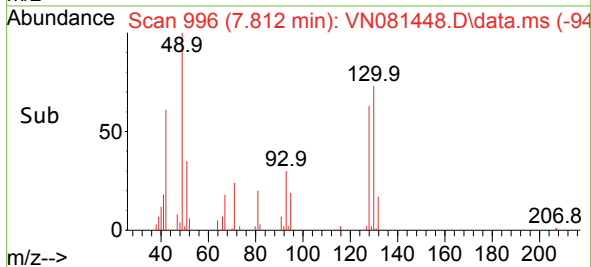
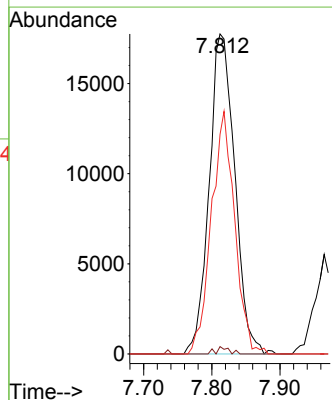
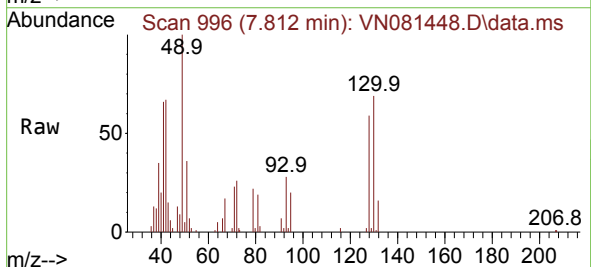
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0315WBSD01

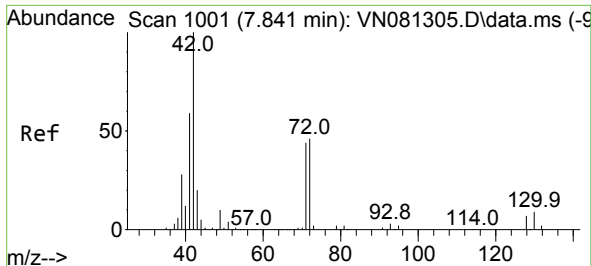
Tgt Ion: 96 Resp: 78623
 Ion Ratio Lower Upper
 96 100
 61 147.5 0.0 325.4
 98 66.0 0.0 130.4



#28
 Bromochloromethane
 Concen: 16.645 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN081448.D
 Acq: 16 Mar 2024 00:28

Tgt Ion: 49 Resp: 46414
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 1.6
 130 69.2 42.3 63.5#





#29

Tetrahydrofuran

Concen: 98.111 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN081448.D

Acq: 16 Mar 2024 00:28

Instrument :

MSVOA_N

ClientSampleId :

VN0315WBSD01

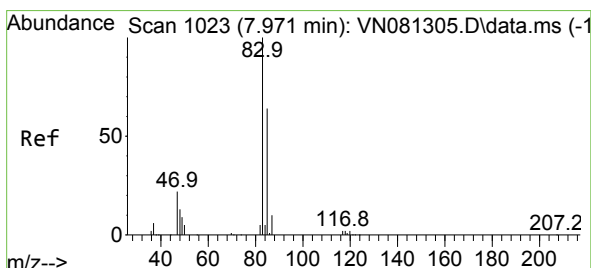
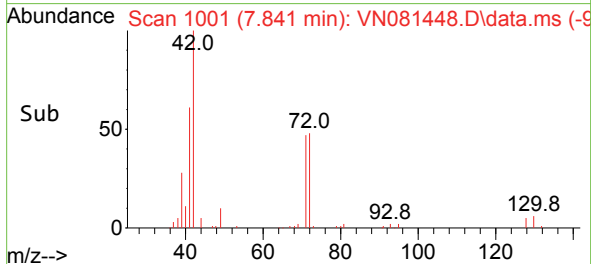
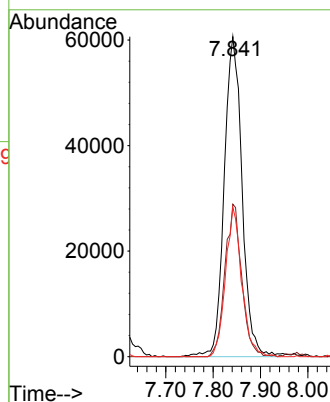
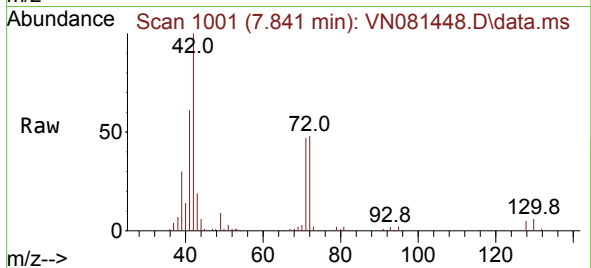
Tgt Ion: 42 Resp: 159072

Ion Ratio Lower Upper

42 100

72 44.5 31.1 46.7

71 42.6 28.3 42.5#



#30

Chloroform

Concen: 21.002 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN081448.D

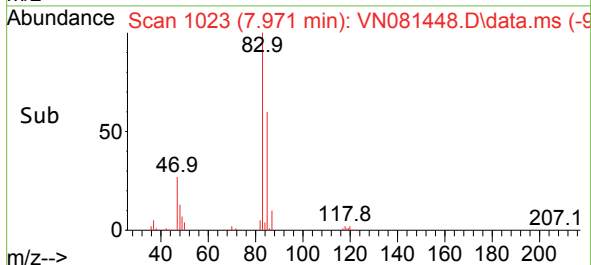
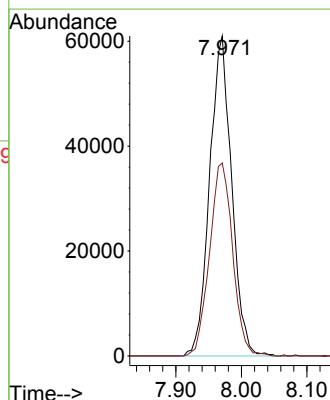
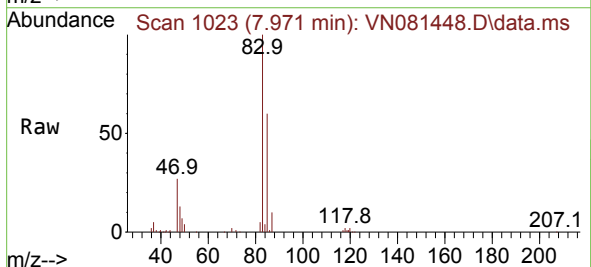
Acq: 16 Mar 2024 00:28

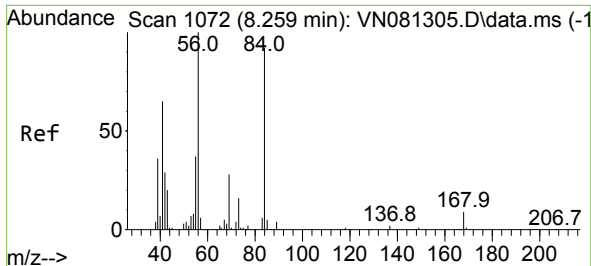
Tgt Ion: 83 Resp: 142036

Ion Ratio Lower Upper

83 100

85 60.3 51.0 76.6

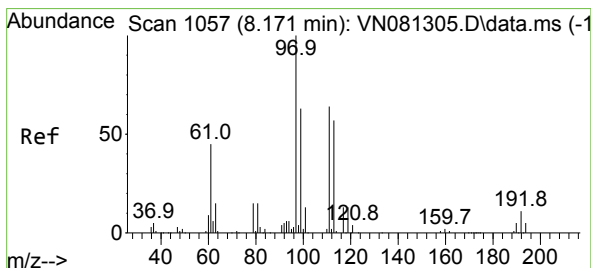
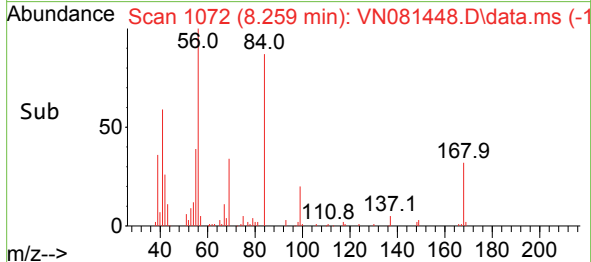
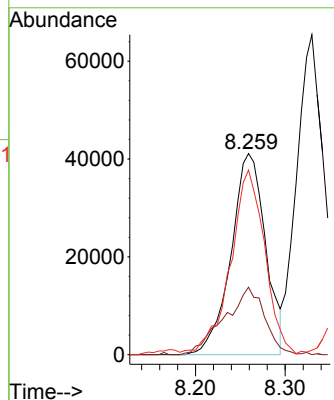
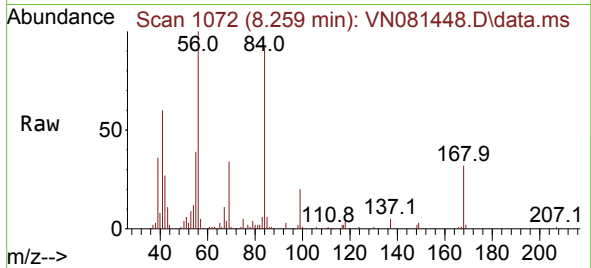




#31
Cyclohexane
Concen: 18.110 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081448.D
Acq: 16 Mar 2024 00:28

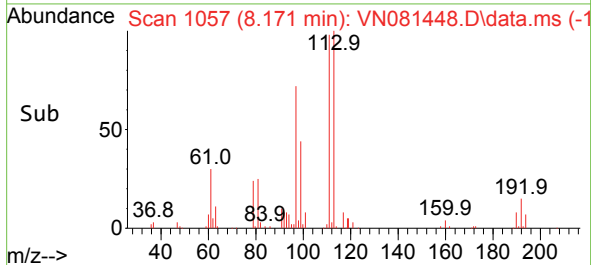
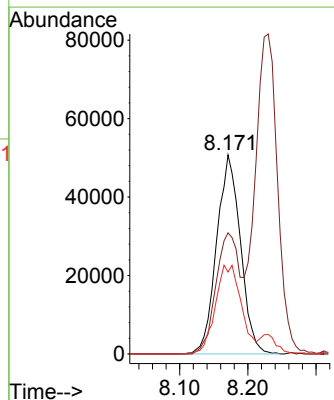
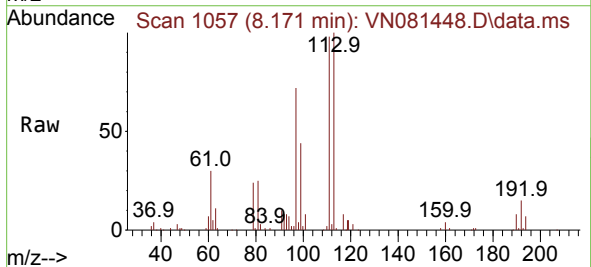
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBSD01

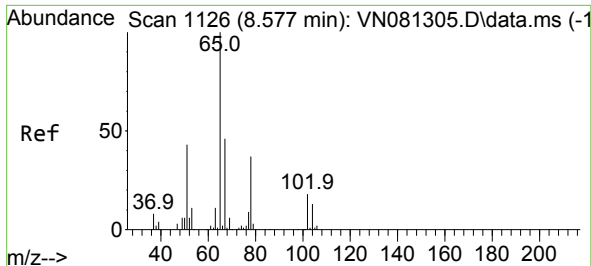
Tgt Ion: 56 Resp: 109869
Ion Ratio Lower Upper
56 100
69 33.5 20.1 30.1#
84 90.7 56.9 85.3#



#32
1,1,1-Trichloroethane
Concen: 20.655 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081448.D
Acq: 16 Mar 2024 00:28

Tgt Ion: 97 Resp: 123470
Ion Ratio Lower Upper
97 100
99 62.7 53.4 80.0
61 48.6 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 54.548 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081448.D

Acq: 16 Mar 2024 00:28

Instrument :

MSVOA_N

ClientSampleId :

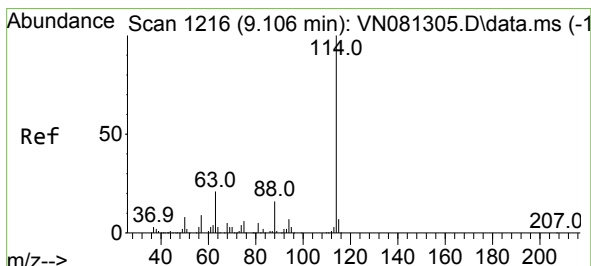
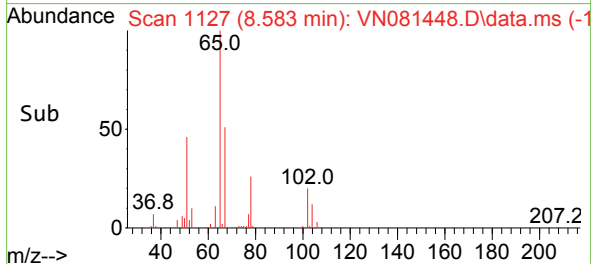
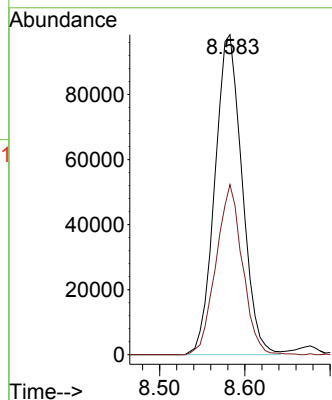
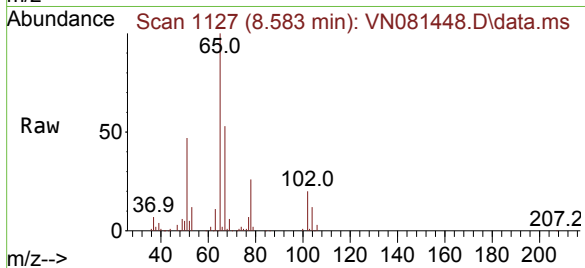
VN0315WBSD01

Tgt Ion: 65 Resp: 218585

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN081448.D

Acq: 16 Mar 2024 00:28

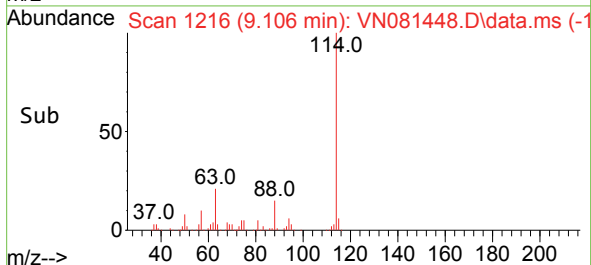
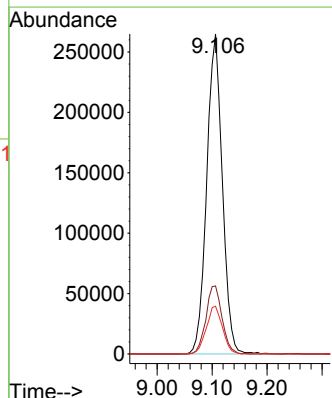
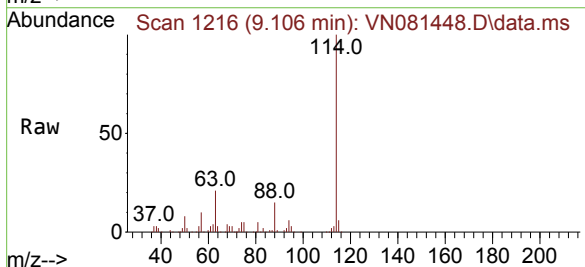
Tgt Ion: 114 Resp: 522244

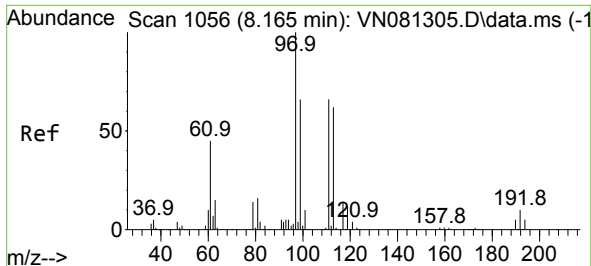
Ion Ratio Lower Upper

114 100

63 21.3 0.0 48.0

88 14.9 0.0 34.8

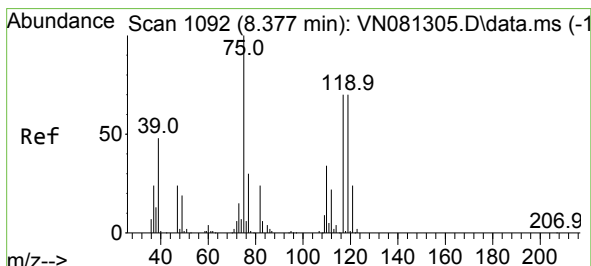
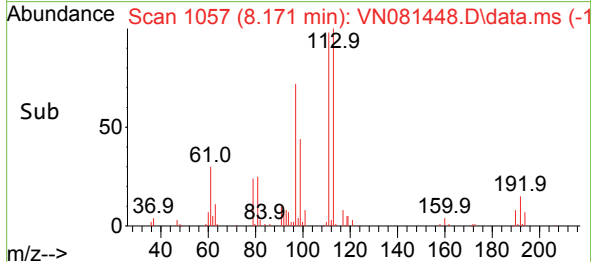
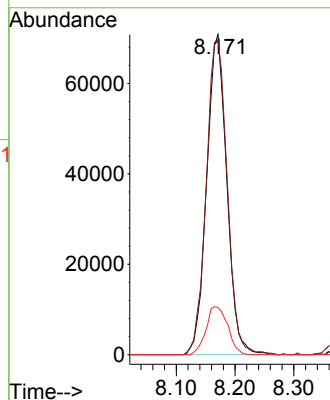
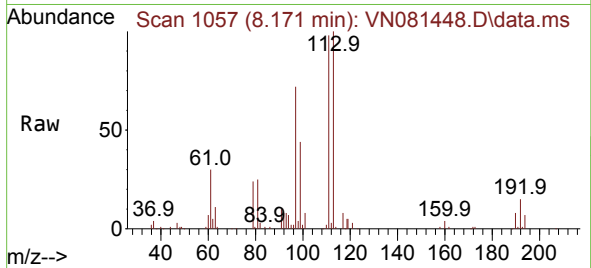




#35
Dibromofluoromethane
Concen: 52.660 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN081448.D
Acq: 16 Mar 2024 00:28

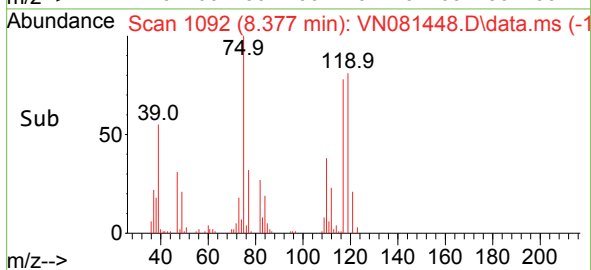
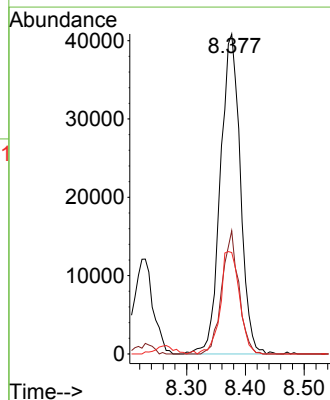
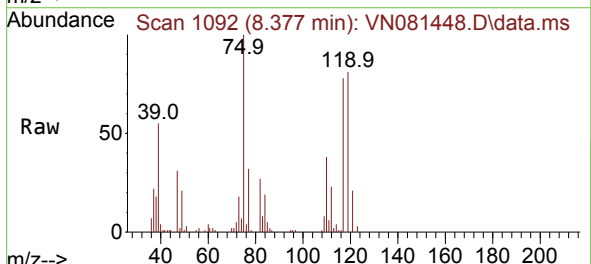
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBSD01

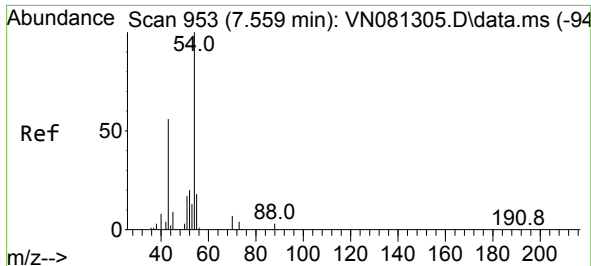
Tgt Ion:113 Resp: 168492
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 16.2 12.5 18.7



#36
1,1-Dichloropropene
Concen: 18.599 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN081448.D
Acq: 16 Mar 2024 00:28

Tgt Ion: 75 Resp: 96009
Ion Ratio Lower Upper
75 100
110 32.7 16.0 48.0
77 30.8 25.8 38.6

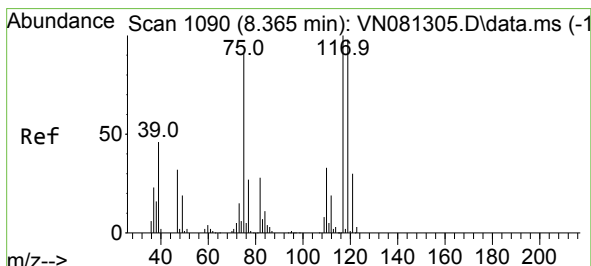
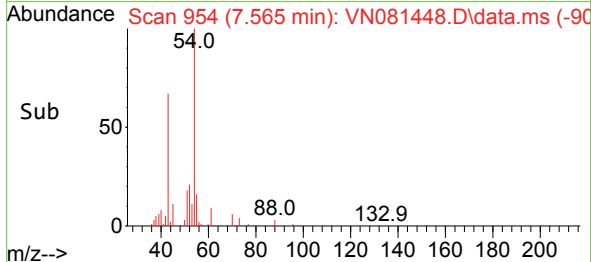
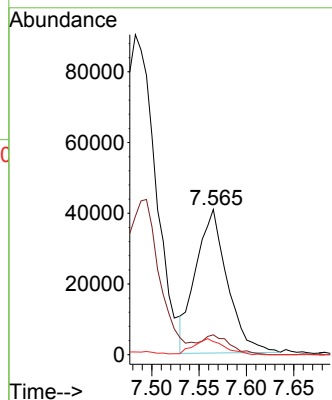
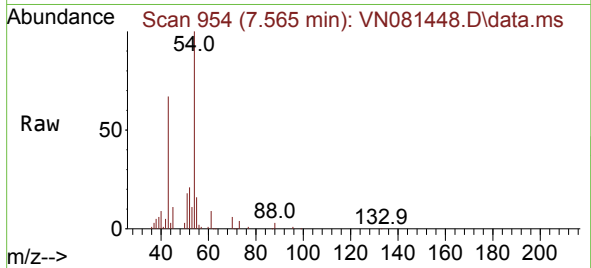




#37
Ethyl Acetate
Concen: 18.665 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN081448.D
Acq: 16 Mar 2024 00:28

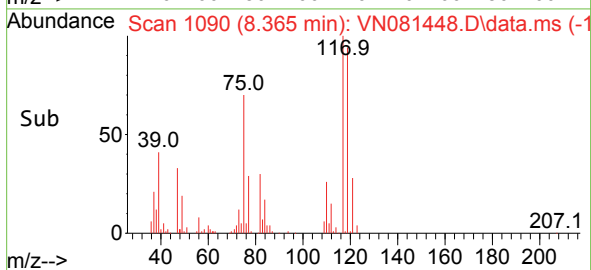
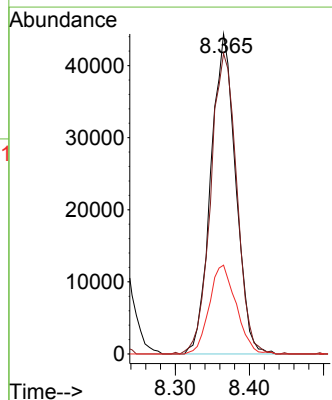
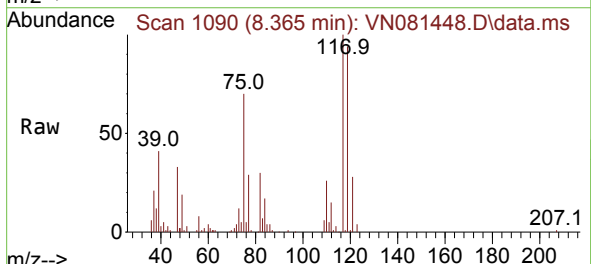
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBSD01

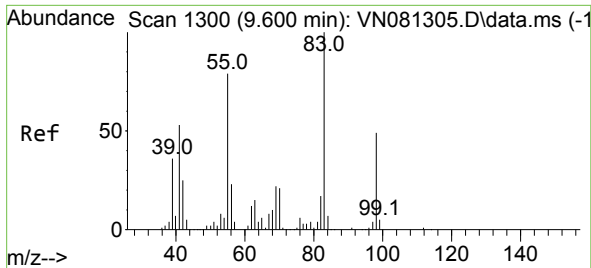
Tgt Ion: 43 Resp: 94183
Ion Ratio Lower Upper
43 100
61 11.9 10.6 15.8
70 10.7 8.0 12.0



#38
Carbon Tetrachloride
Concen: 19.919 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN081448.D
Acq: 16 Mar 2024 00:28

Tgt Ion: 117 Resp: 103483
Ion Ratio Lower Upper
117 100
119 93.9 73.4 110.2
121 27.7 24.4 36.6

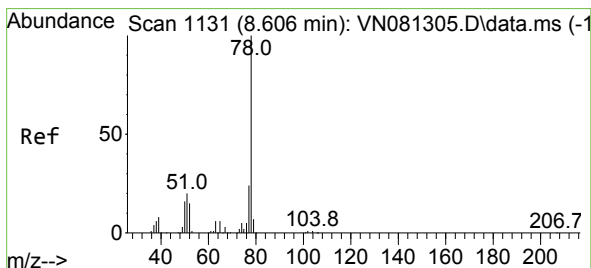
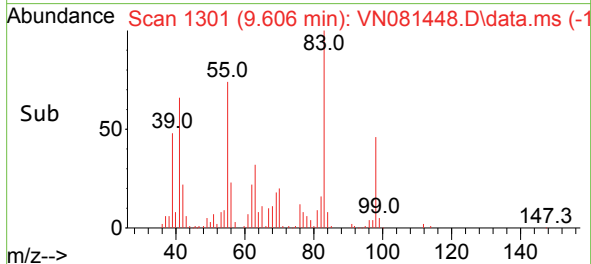
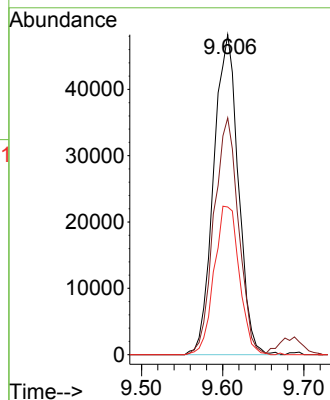
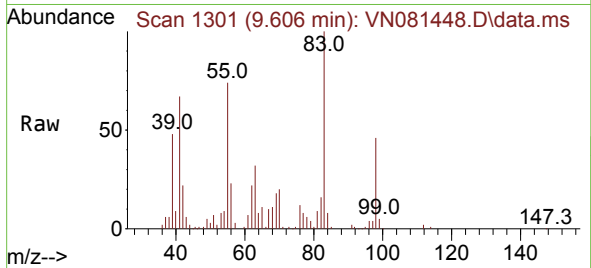




#39
Methylcyclohexane
Concen: 17.148 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN081448.D
Acq: 16 Mar 2024 00:28

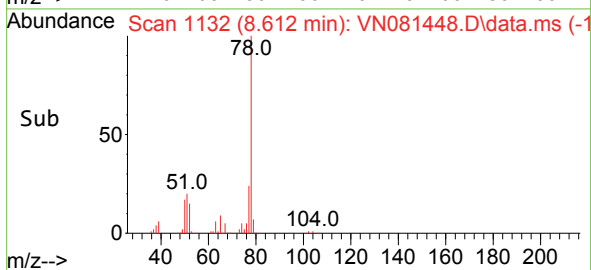
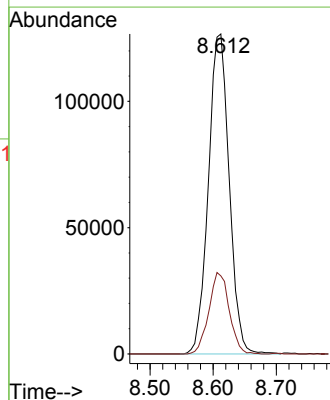
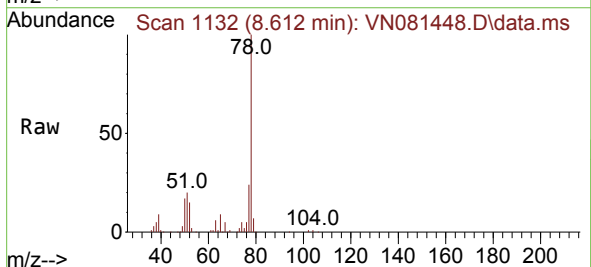
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBSD01

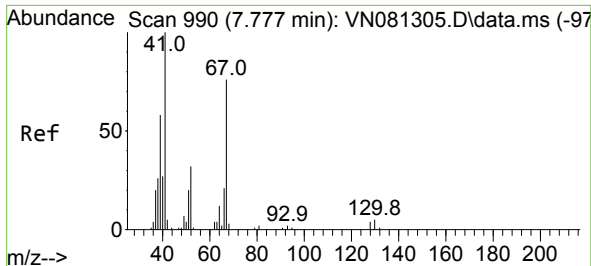
Tgt Ion: 83 Resp: 101873
Ion Ratio Lower Upper
83 100
55 74.0 65.7 98.5
98 46.2 33.8 50.6



#40
Benzene
Concen: 18.816 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN081448.D
Acq: 16 Mar 2024 00:28

Tgt Ion: 78 Resp: 289909
Ion Ratio Lower Upper
78 100
77 24.4 20.4 30.6

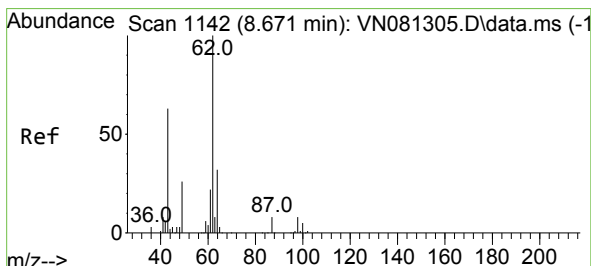
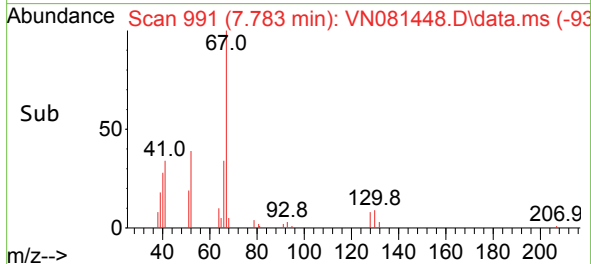
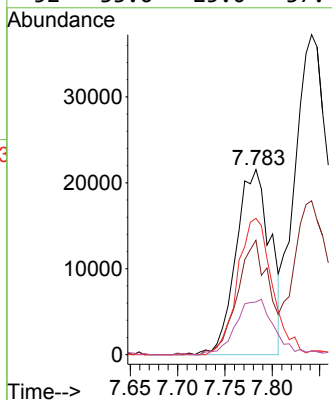
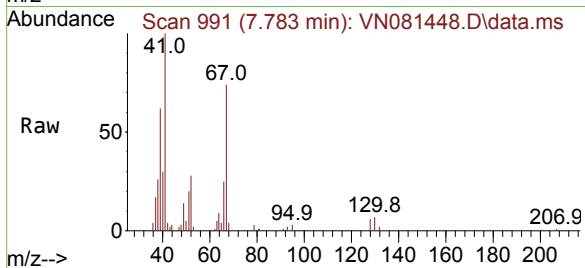




#41
Methacrylonitrile
Concen: 18.978 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081448.D
Acq: 16 Mar 2024 00:28

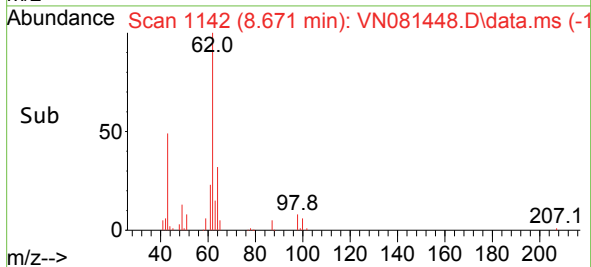
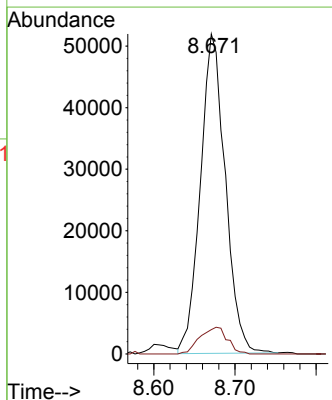
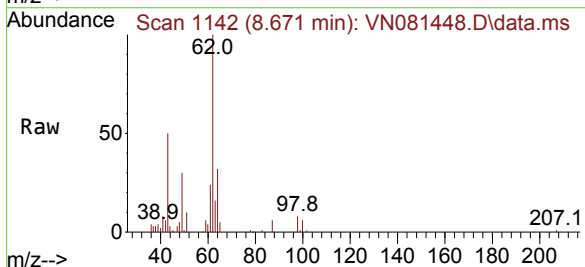
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBSD01

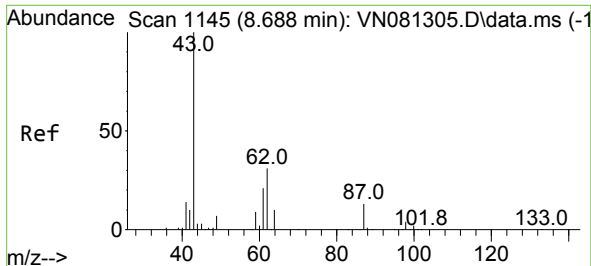
Tgt Ion:	41	Resp:	54080
Ion	Ratio	Lower	Upper
41	100		
39	56.8	48.4	72.6
67	74.5	56.8	85.2
52	33.6	25.0	37.4



#42
1,2-Dichloroethane
Concen: 20.368 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081448.D
Acq: 16 Mar 2024 00:28

Tgt Ion:	62	Resp:	110651
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.0

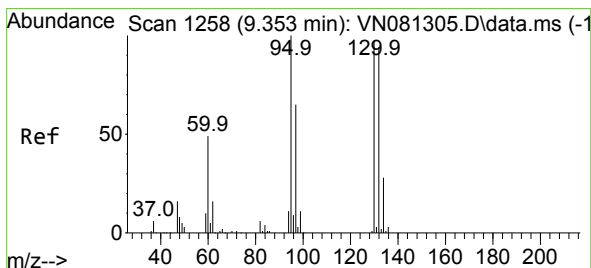
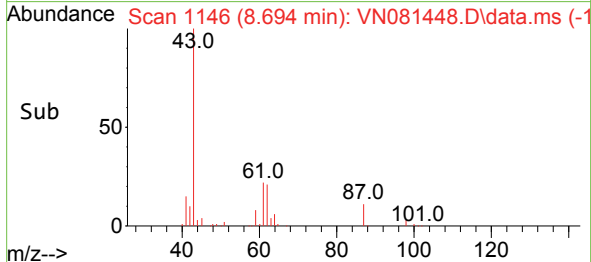
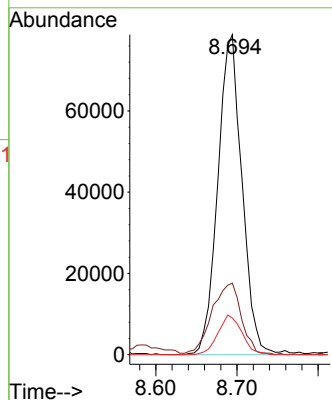
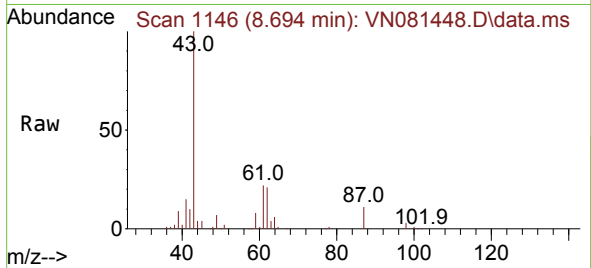




#43
Isopropyl Acetate
Concen: 18.444 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN081448.D
Acq: 16 Mar 2024 00:28

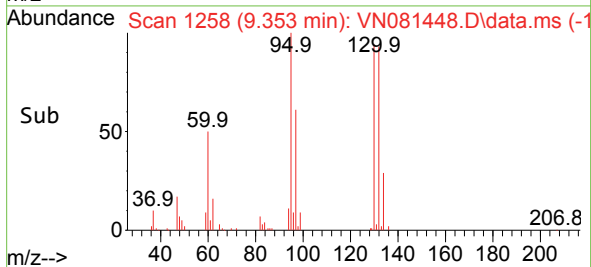
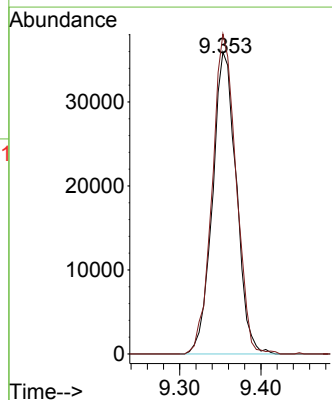
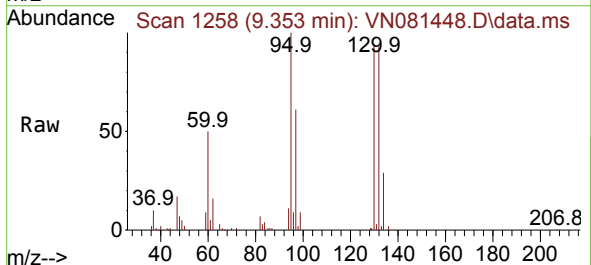
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBSD01

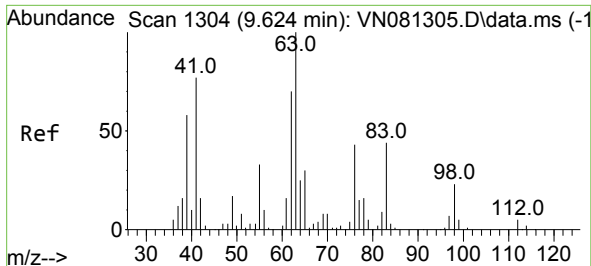
Tgt Ion: 43 Resp: 162894
Ion Ratio Lower Upper
43 100
61 27.5 19.9 29.9
87 12.3 9.0 13.6



#44
Trichloroethene
Concen: 18.787 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081448.D
Acq: 16 Mar 2024 00:28

Tgt Ion:130 Resp: 73005
Ion Ratio Lower Upper
130 100
95 106.0 0.0 210.4





#45

1,2-Dichloropropane

Concen: 20.427 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081448.D

Acq: 16 Mar 2024 00:28

Instrument :

MSVOA_N

ClientSampleId :

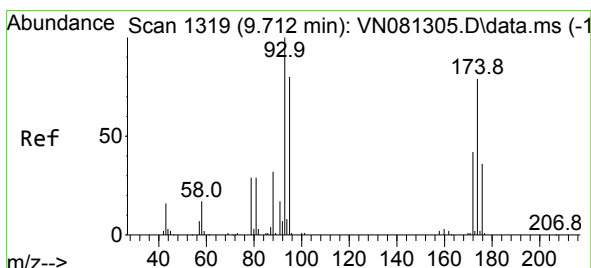
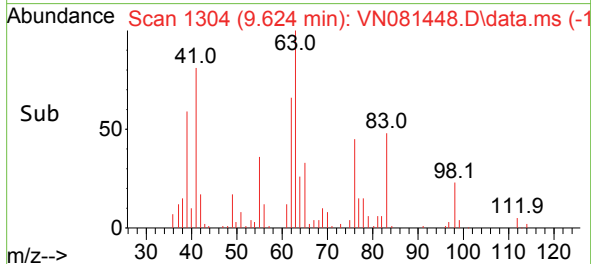
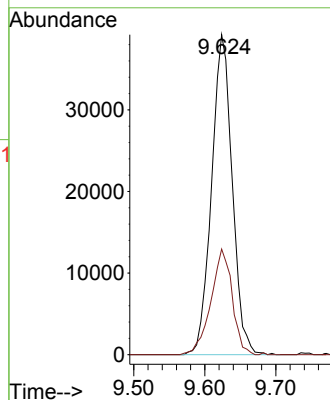
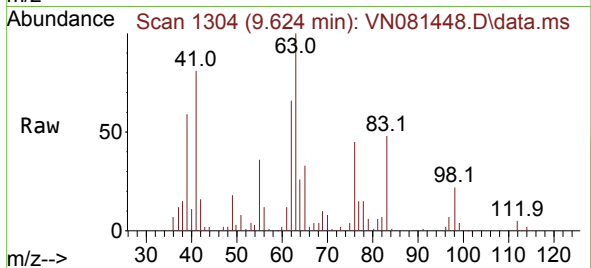
VN0315WBSD01

Tgt Ion: 63 Resp: 79064

Ion Ratio Lower Upper

63 100

65 33.0 26.1 39.1



#46

Dibromomethane

Concen: 19.802 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN081448.D

Acq: 16 Mar 2024 00:28

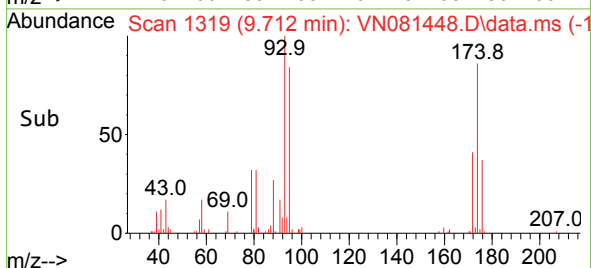
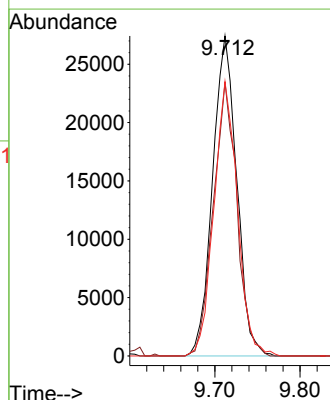
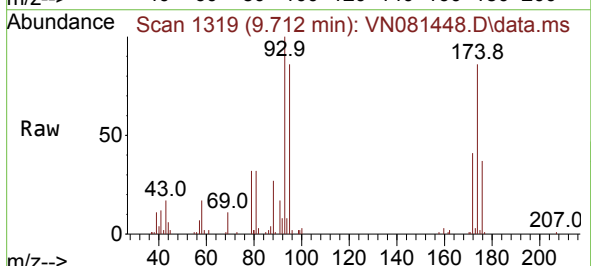
Tgt Ion: 93 Resp: 54024

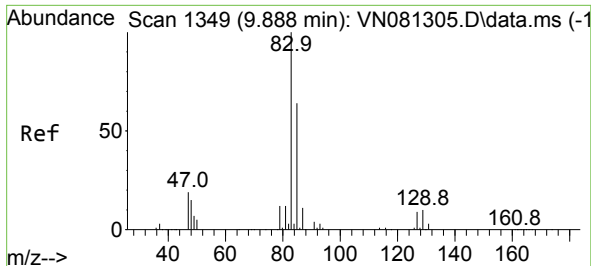
Ion Ratio Lower Upper

93 100

95 83.7 68.1 102.1

174 83.9 57.2 85.8





#47

Bromodichloromethane

Concen: 21.062 ug/l

RT: 9.894 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081448.D

Acq: 16 Mar 2024 00:28

Instrument :

MSVOA_N

ClientSampleId :

VN0315WBSD01

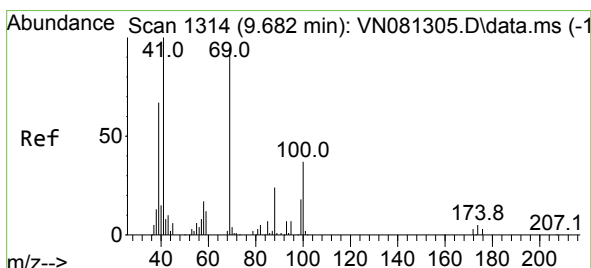
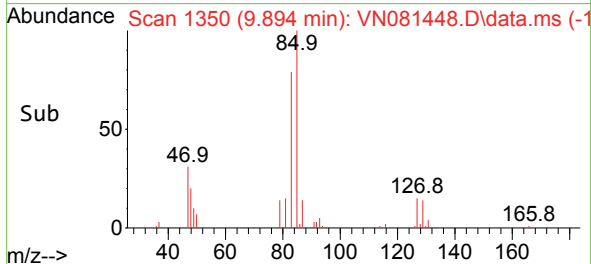
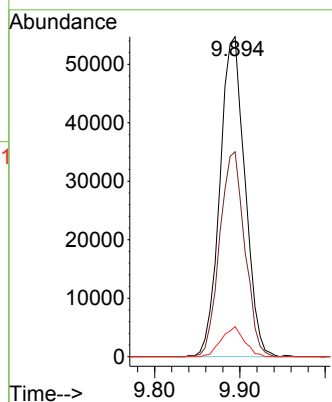
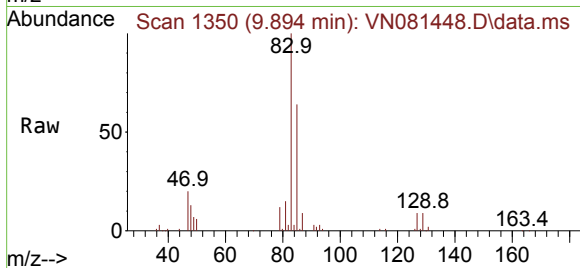
Tgt Ion: 83 Resp: 111549

Ion Ratio Lower Upper

83 100

85 64.1 52.3 78.5

127 9.4 4.6 7.0#



#48

Methyl methacrylate

Concen: 19.751 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN081448.D

Acq: 16 Mar 2024 00:28

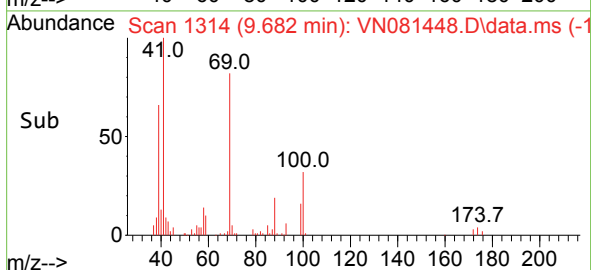
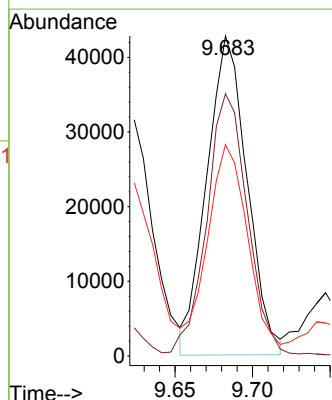
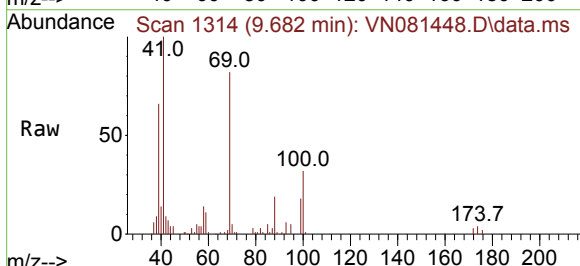
Tgt Ion: 41 Resp: 77108

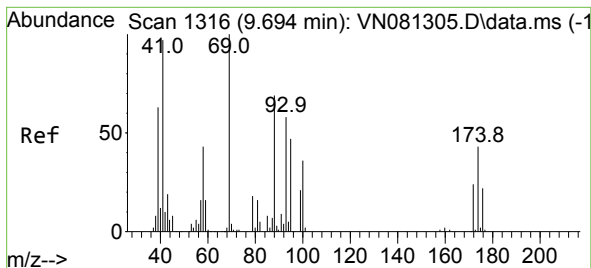
Ion Ratio Lower Upper

41 100

69 84.1 62.2 93.2

39 66.7 47.6 71.4





#49

1,4-Dioxane

Concen: 331.309 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081448.D

Acq: 16 Mar 2024 00:28

Instrument :

MSVOA_N

ClientSampleId :

VN0315WBSD01

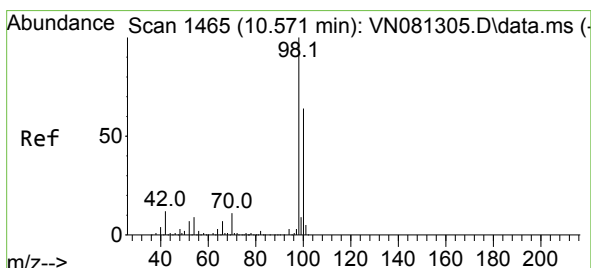
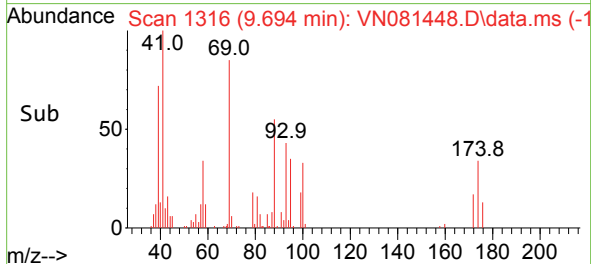
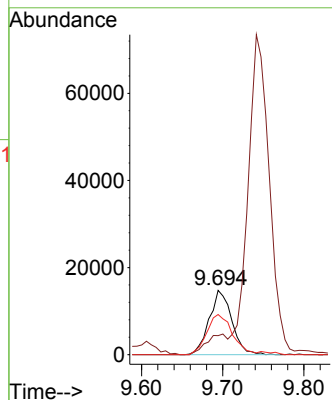
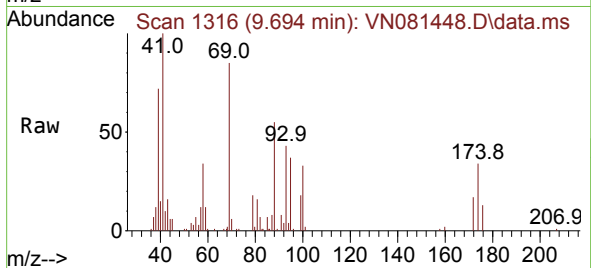
Tgt Ion: 88 Resp: 28508

Ion Ratio Lower Upper

88 100

43 30.1 30.1 45.1#

58 70.9 63.9 95.9



#50

Toluene-d8

Concen: 52.109 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN081448.D

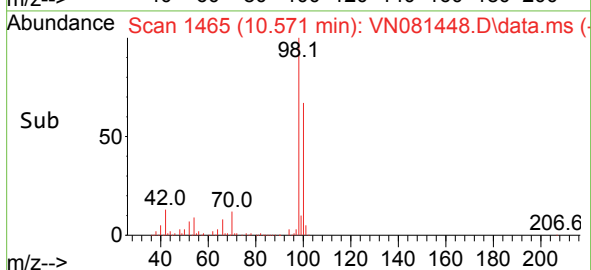
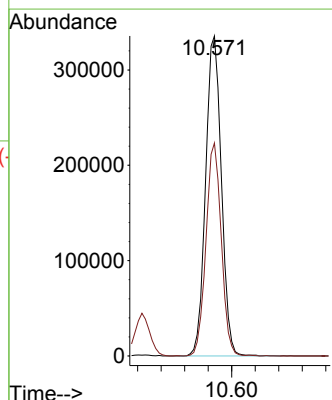
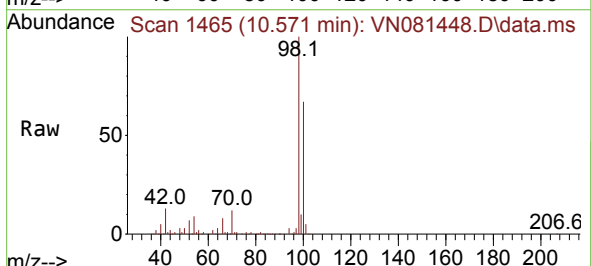
Acq: 16 Mar 2024 00:28

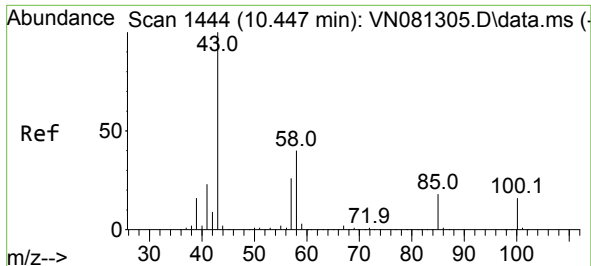
Tgt Ion: 98 Resp: 623271

Ion Ratio Lower Upper

98 100

100 64.6 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 102.474 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN081448.D

Acq: 16 Mar 2024 00:28

Instrument :

MSVOA_N

ClientSampleId :

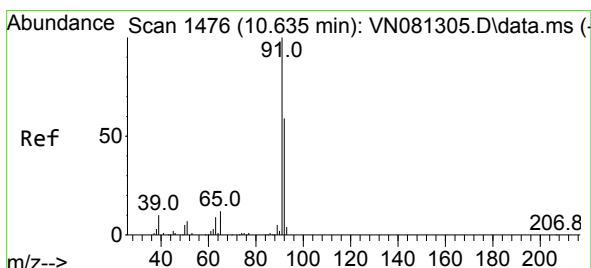
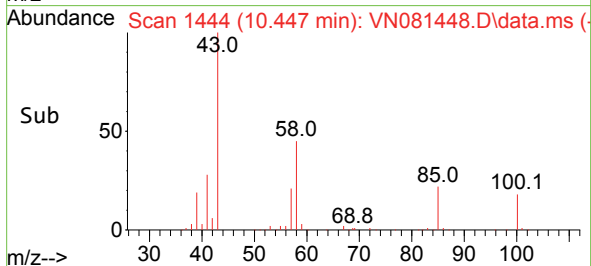
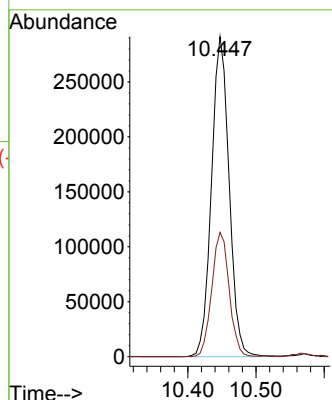
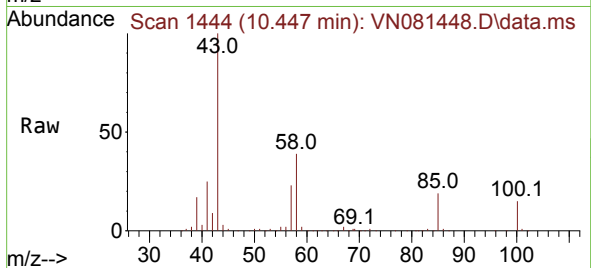
VN0315WBSD01

Tgt Ion: 43 Resp: 525513

Ion Ratio Lower Upper

43 100

58 38.3 29.4 44.0



#52

Toluene

Concen: 20.265 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN081448.D

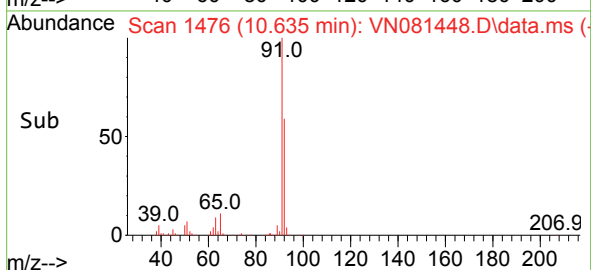
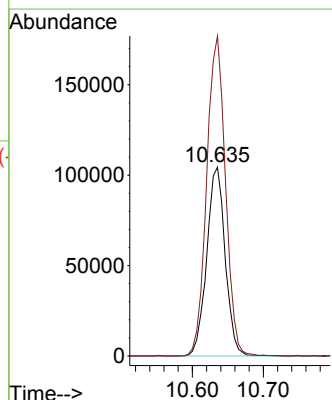
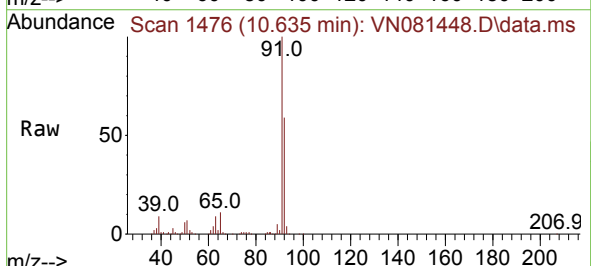
Acq: 16 Mar 2024 00:28

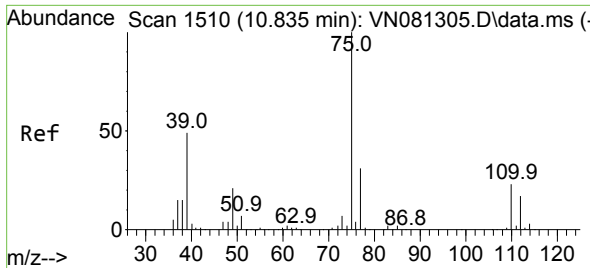
Tgt Ion: 92 Resp: 188616

Ion Ratio Lower Upper

92 100

91 172.4 139.4 209.0

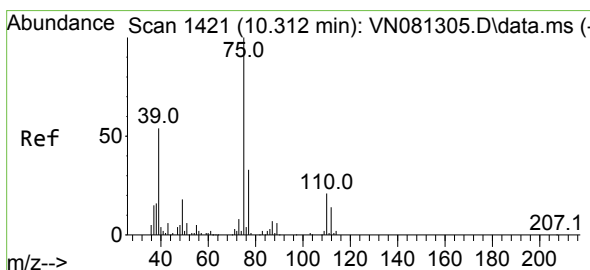
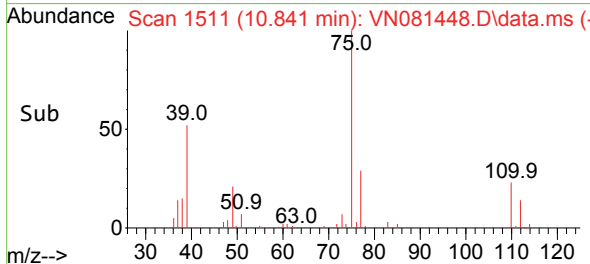
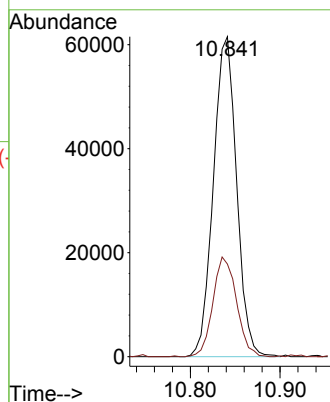
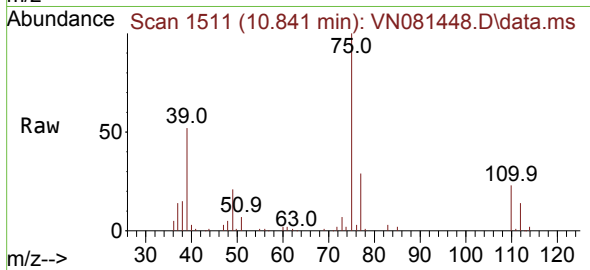




#53
 t-1,3-Dichloropropene
 Concen: 19.273 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.006 min
 Lab File: VN081448.D
 Acq: 16 Mar 2024 00:28

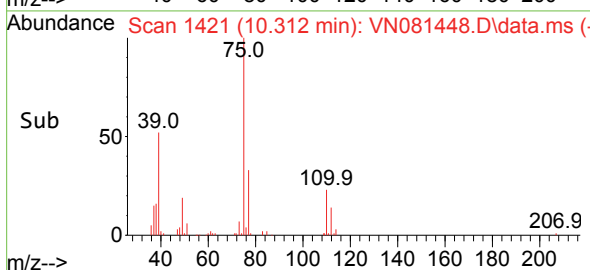
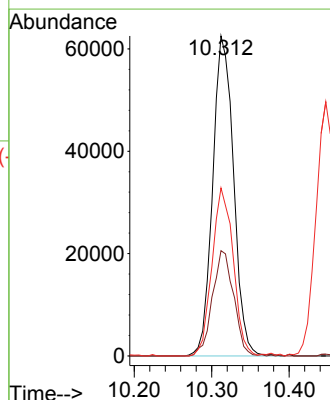
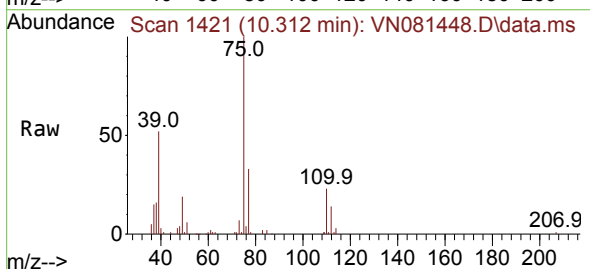
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0315WBSD01

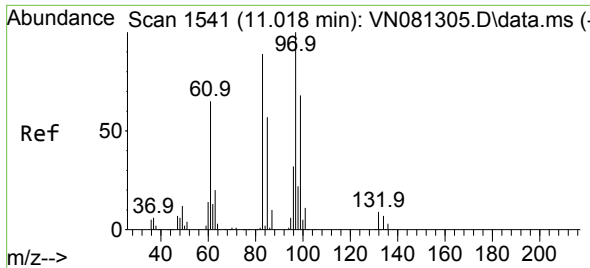
Tgt Ion: 75 Resp: 110443
 Ion Ratio Lower Upper
 75 100
 77 29.0 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 18.925 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN081448.D
 Acq: 16 Mar 2024 00:28

Tgt Ion: 75 Resp: 117078
 Ion Ratio Lower Upper
 75 100
 77 32.9 23.3 34.9
 39 52.5 44.6 66.8

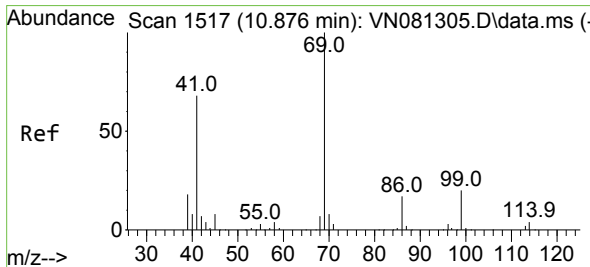
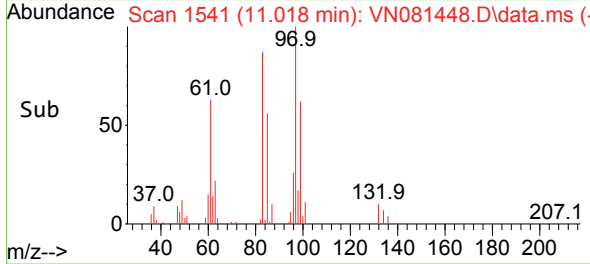
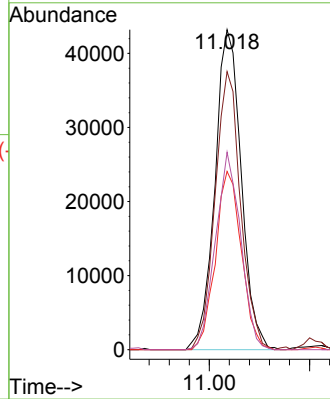
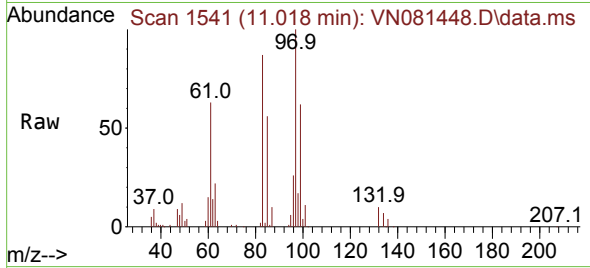




#55
1,1,2-Trichloroethane
Concen: 21.322 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081448.D
Acq: 16 Mar 2024 00:28

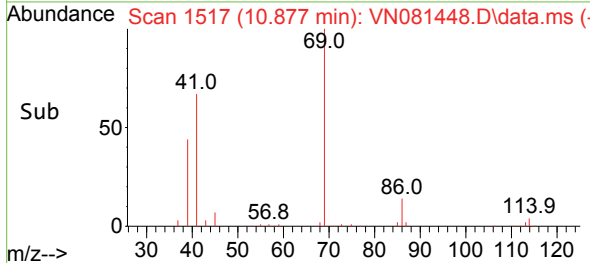
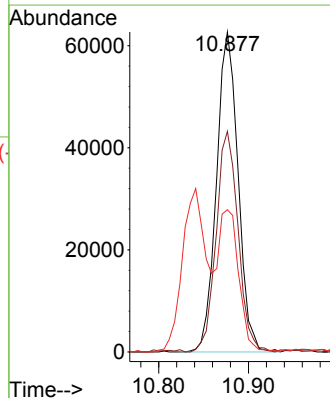
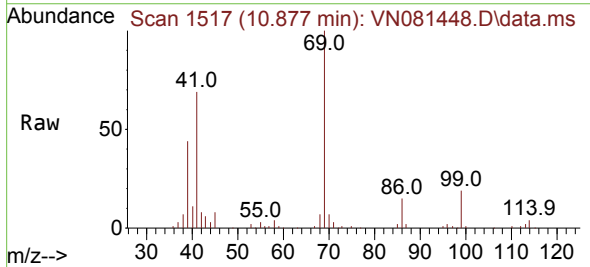
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBSD01

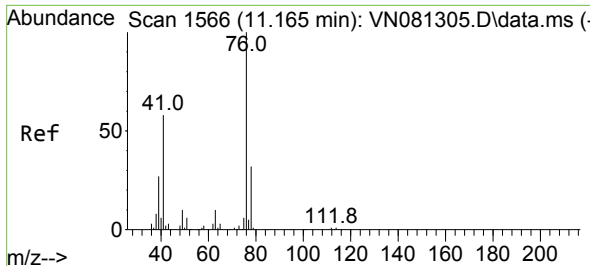
Tgt Ion:	97	Resp:	78699
Ion	Ratio	Lower	Upper
97	100		
83	86.9	72.9	109.3
85	55.7	50.2	75.2
99	61.7	49.6	74.4



#56
Ethyl methacrylate
Concen: 19.781 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081448.D
Acq: 16 Mar 2024 00:28

Tgt Ion:	69	Resp:	104839
Ion	Ratio	Lower	Upper
69	100		
41	70.0	61.0	91.6
39	42.7	31.8	47.6

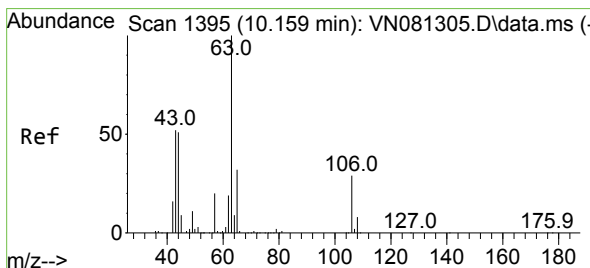
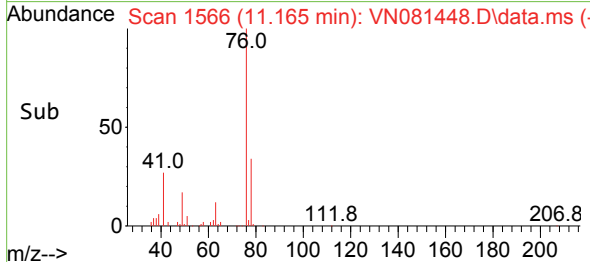
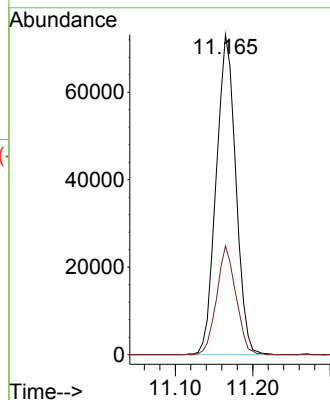
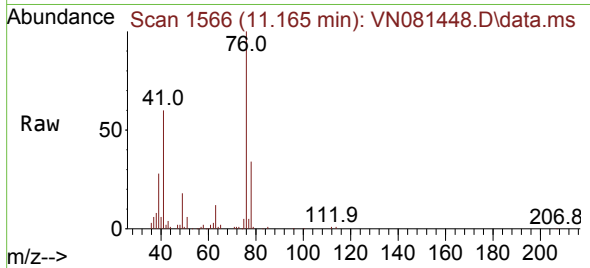




#57
 1,3-Dichloropropane
 Concen: 20.024 ug/l
 RT: 11.165 min Scan# 1566
 Delta R.T. 0.000 min
 Lab File: VN081448.D
 Acq: 16 Mar 2024 00:28

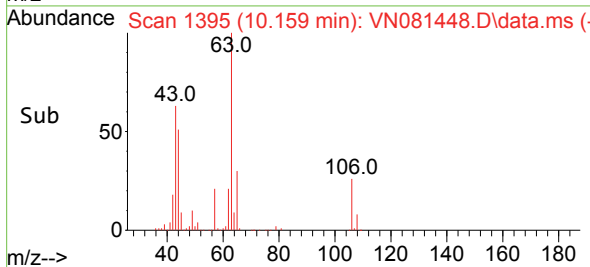
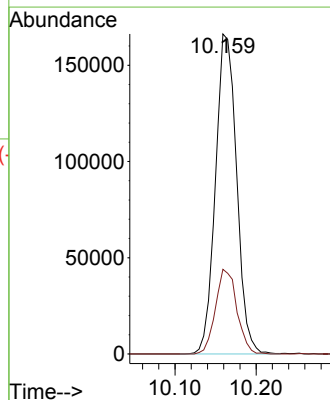
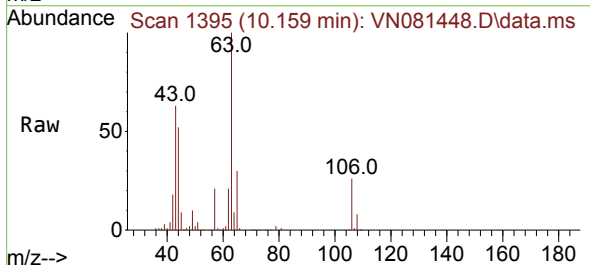
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0315WBSD01

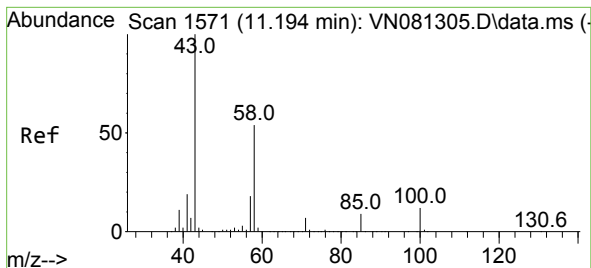
Tgt Ion: 76 Resp: 128986
 Ion Ratio Lower Upper
 76 100
 78 33.4 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.754 ug/l
 RT: 10.159 min Scan# 1395
 Delta R.T. 0.000 min
 Lab File: VN081448.D
 Acq: 16 Mar 2024 00:28

Tgt Ion: 63 Resp: 301494
 Ion Ratio Lower Upper
 63 100
 106 26.7 18.6 28.0

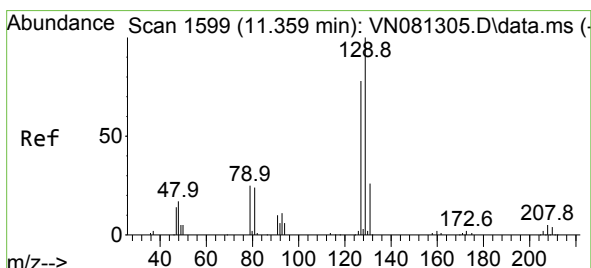
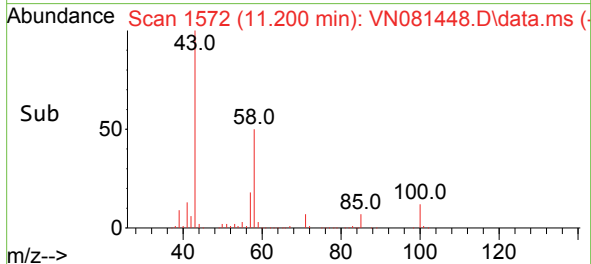
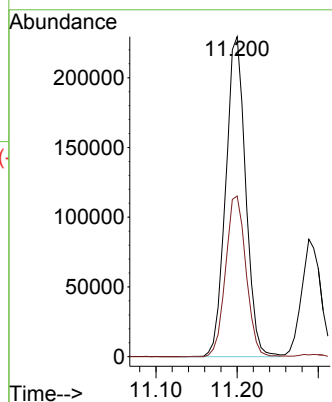
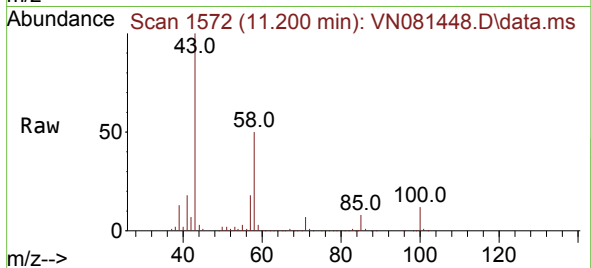




#59
2-Hexanone
Concen: 102.170 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081448.D
Acq: 16 Mar 2024 00:28

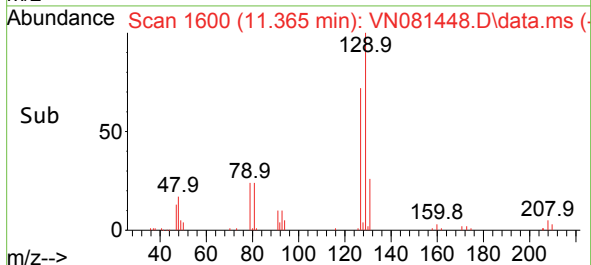
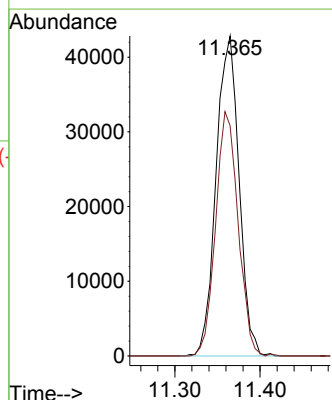
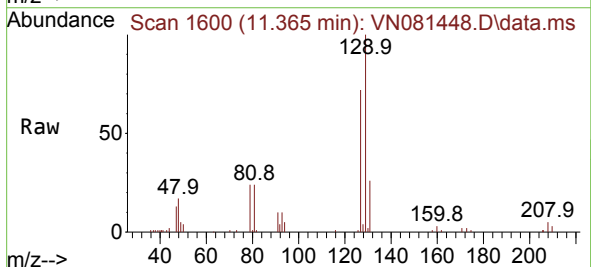
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBSD01

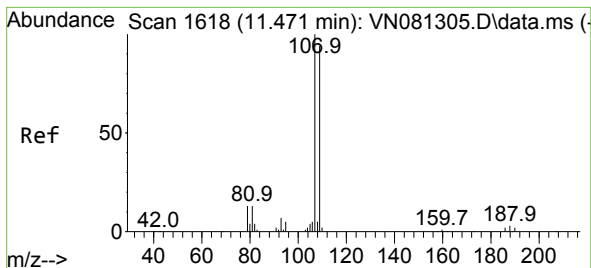
Tgt Ion: 43 Resp: 391701
Ion Ratio Lower Upper
43 100
58 51.4 25.9 77.8



#60
Dibromochloromethane
Concen: 21.077 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN081448.D
Acq: 16 Mar 2024 00:28

Tgt Ion: 129 Resp: 80120
Ion Ratio Lower Upper
129 100
127 75.0 39.4 118.2





#61

1,2-Dibromoethane

Concen: 19.435 ug/l

RT: 11.471 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VN081448.D

Acq: 16 Mar 2024 00:28

Instrument :

MSVOA_N

ClientSampleId :

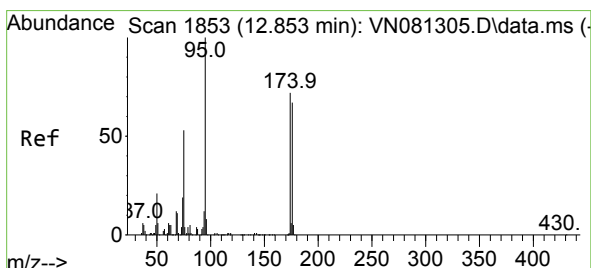
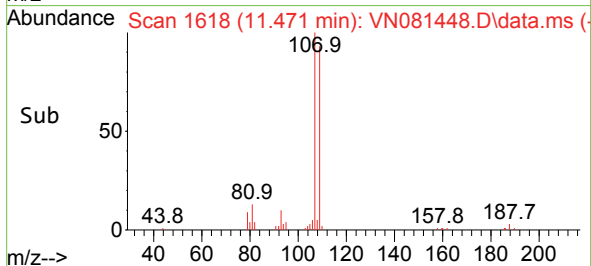
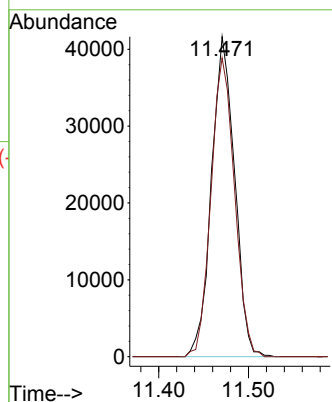
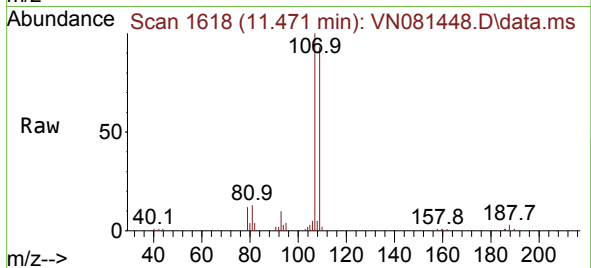
VN0315WBSD01

Tgt Ion:107 Resp: 74429

Ion Ratio Lower Upper

107 100

109 95.1 73.4 110.2



#62

4-Bromofluorobenzene

Concen: 49.981 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN081448.D

Acq: 16 Mar 2024 00:28

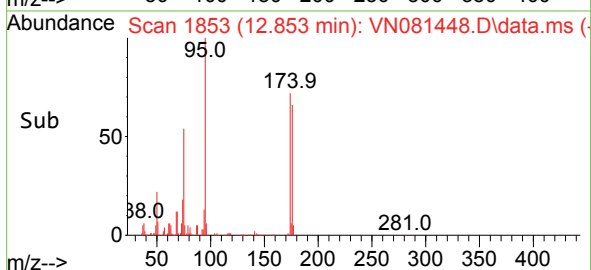
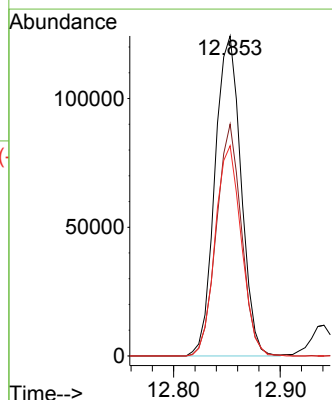
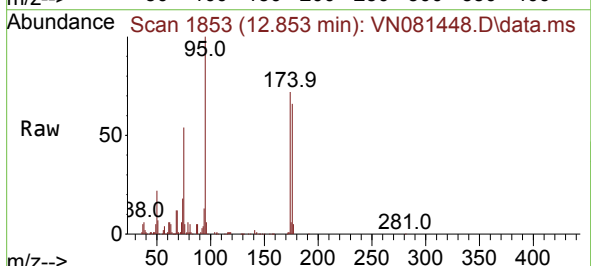
Tgt Ion: 95 Resp: 211294

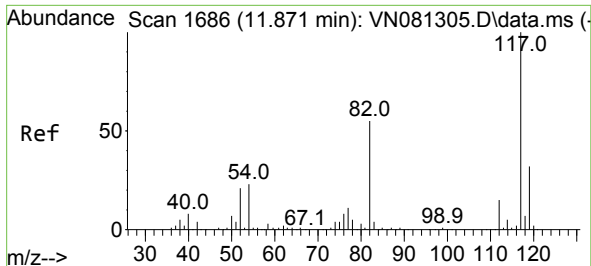
Ion Ratio Lower Upper

95 100

174 69.4 0.0 120.4

176 65.9 0.0 121.0

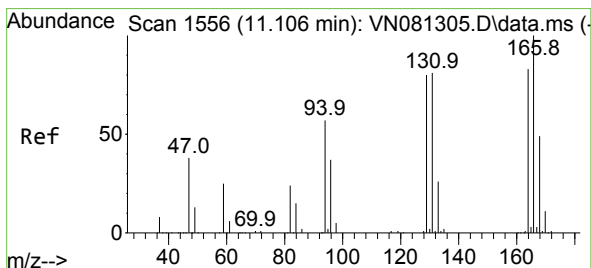
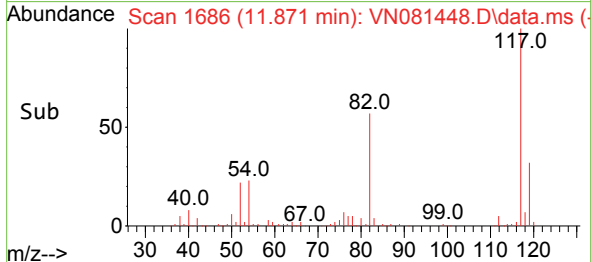
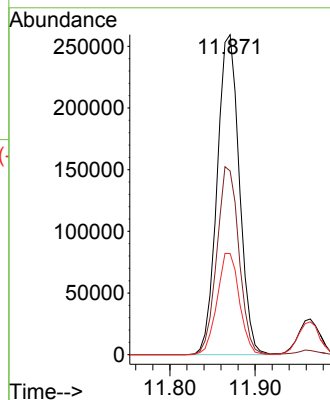
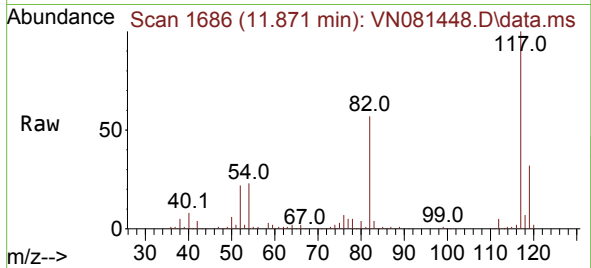




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081448.D
Acq: 16 Mar 2024 00:28

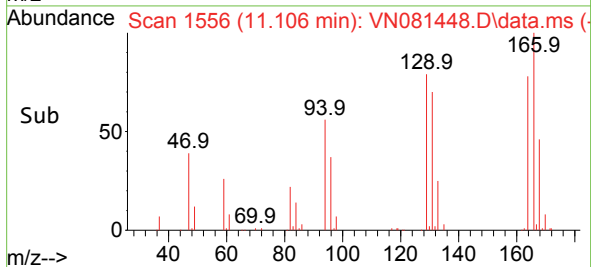
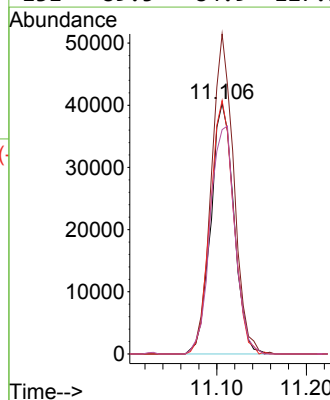
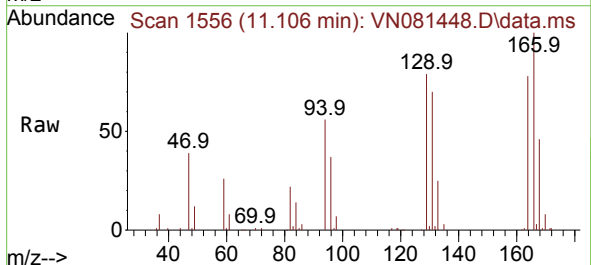
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBSD01

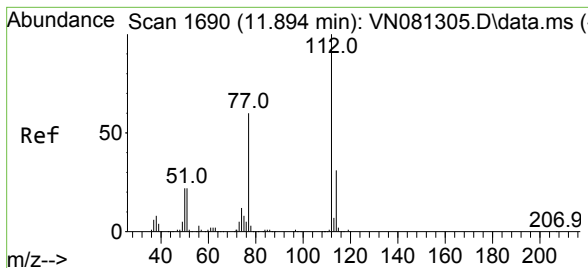
Tgt Ion:117 Resp: 469880
Ion Ratio Lower Upper
117 100
82 57.4 52.7 79.1
119 31.6 25.3 37.9



#64
Tetrachloroethene
Concen: 19.621 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081448.D
Acq: 16 Mar 2024 00:28

Tgt Ion:164 Resp: 72189
Ion Ratio Lower Upper
164 100
166 127.7 105.8 158.6
129 101.2 89.6 134.4
131 89.5 84.9 127.3

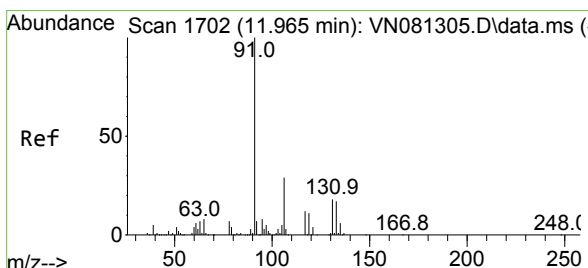
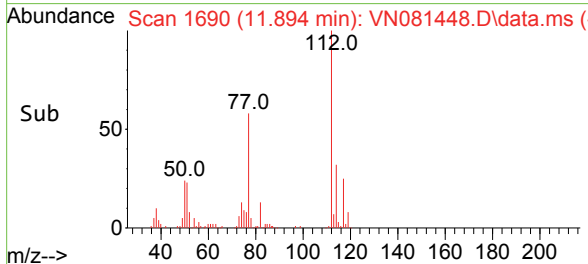
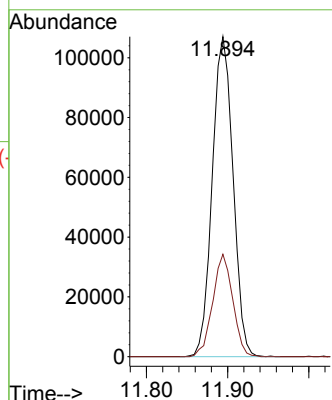
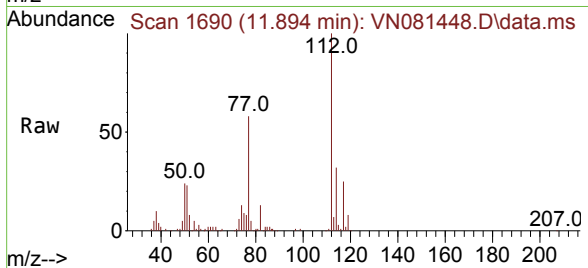




#65
Chlorobenzene
Concen: 19.217 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081448.D
Acq: 16 Mar 2024 00:28

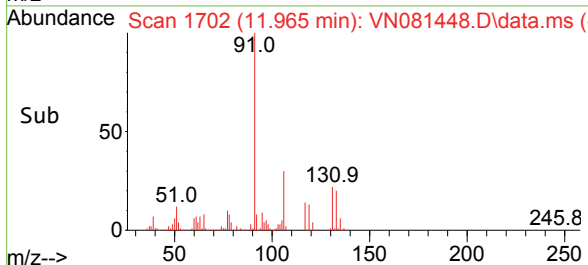
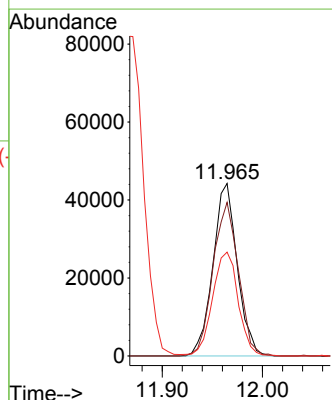
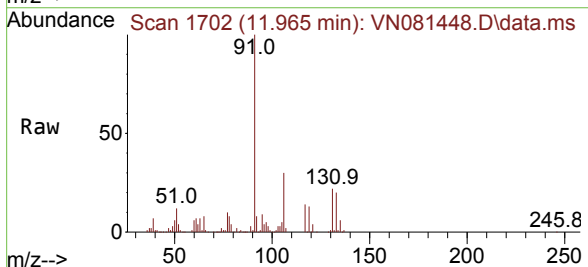
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBSD01

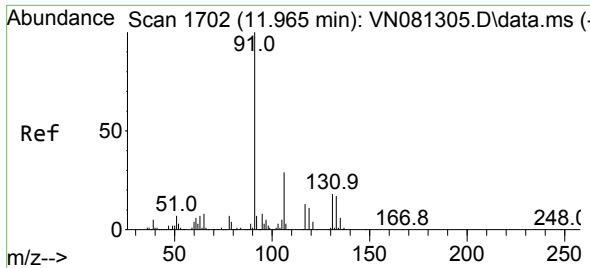
Tgt Ion:112 Resp: 190282
Ion Ratio Lower Upper
112 100
114 32.0 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.598 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081448.D
Acq: 16 Mar 2024 00:28

Tgt Ion:131 Resp: 74633
Ion Ratio Lower Upper
131 100
133 92.9 46.8 140.3
119 63.6 34.6 103.9

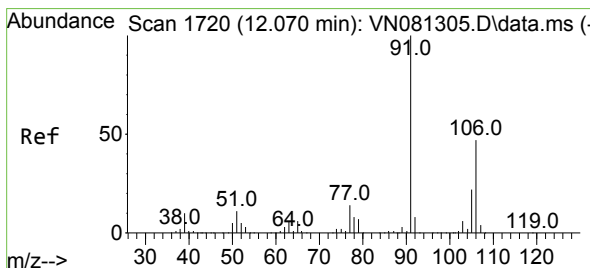
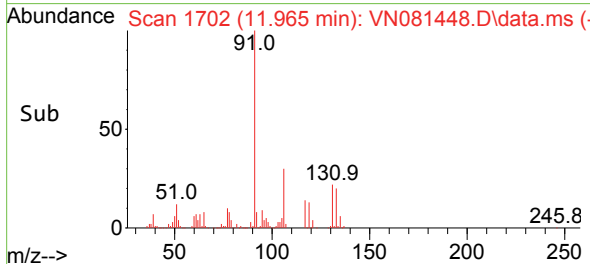
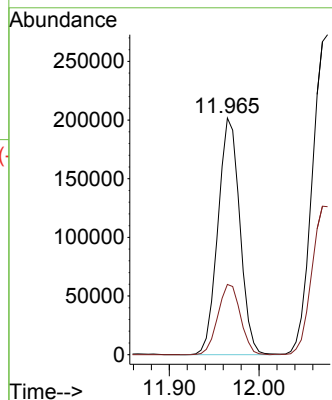
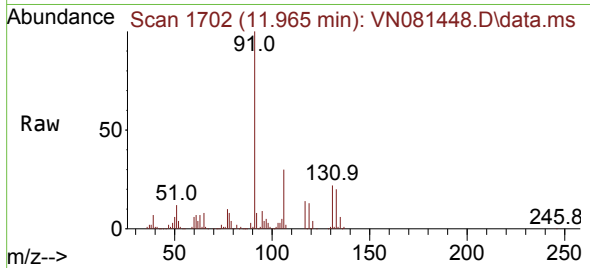




#67
Ethyl Benzene
Concen: 19.163 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081448.D
Acq: 16 Mar 2024 00:28

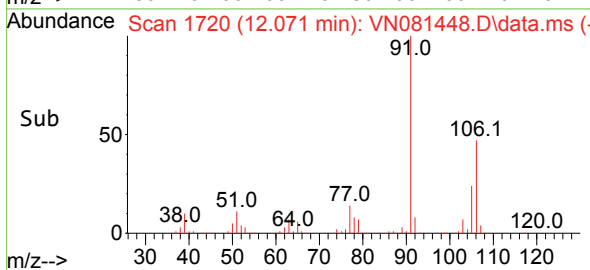
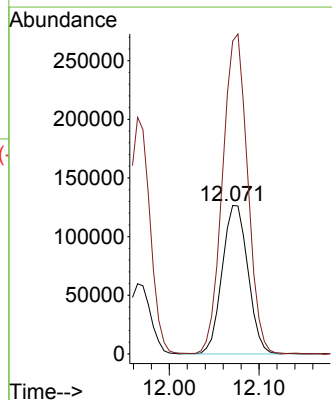
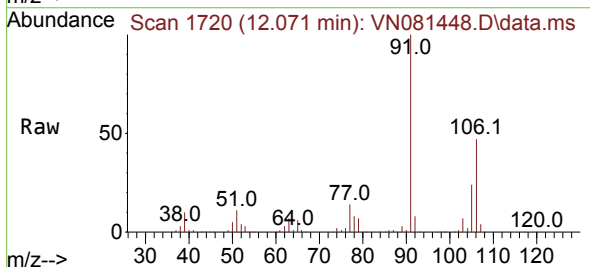
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBSD01

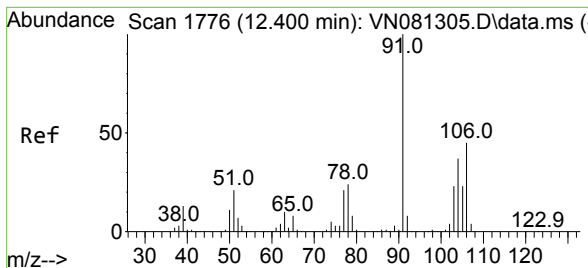
Tgt Ion: 91 Resp: 341790
Ion Ratio Lower Upper
91 100
106 29.7 23.8 35.6



#68
m/p-Xylenes
Concen: 37.567 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081448.D
Acq: 16 Mar 2024 00:28

Tgt Ion: 106 Resp: 252167
Ion Ratio Lower Upper
106 100
91 210.3 169.0 253.6

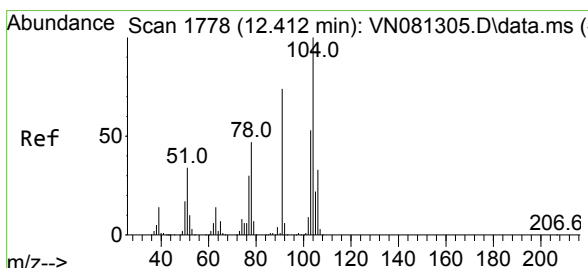
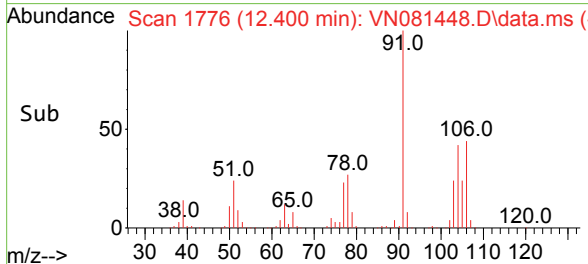
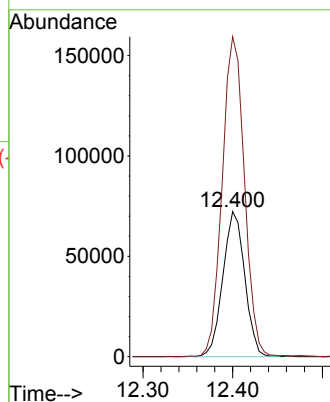
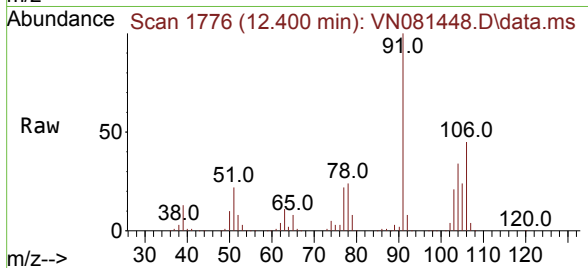




#69
o-Xylene
Concen: 18.826 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081448.D
Acq: 16 Mar 2024 00:28

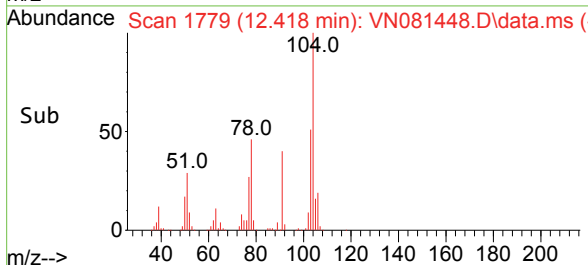
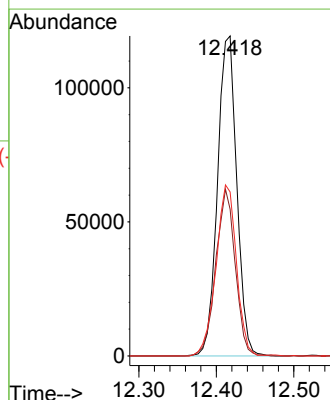
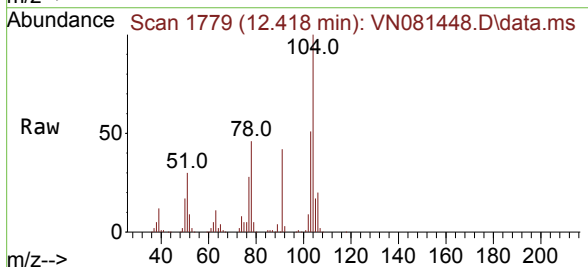
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBSD01

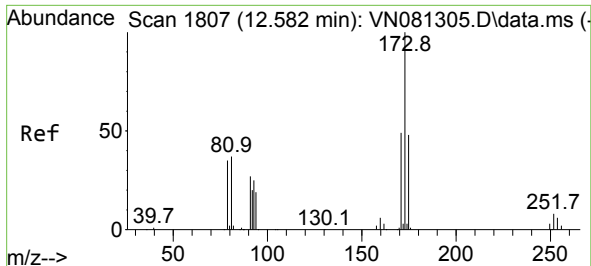
Tgt Ion:106 Resp: 122468
Ion Ratio Lower Upper
106 100
91 224.3 112.1 336.3



#70
Styrene
Concen: 19.975 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN081448.D
Acq: 16 Mar 2024 00:28

Tgt Ion:104 Resp: 205931
Ion Ratio Lower Upper
104 100
78 52.5 43.8 65.8
103 56.7 44.2 66.2

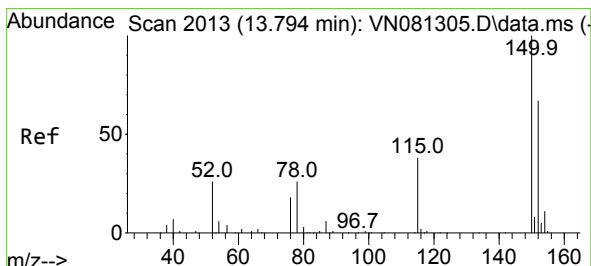
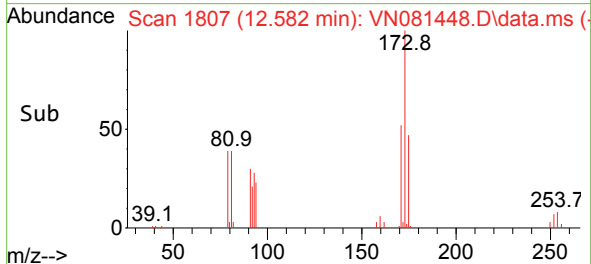
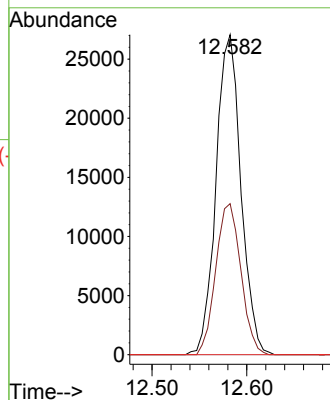
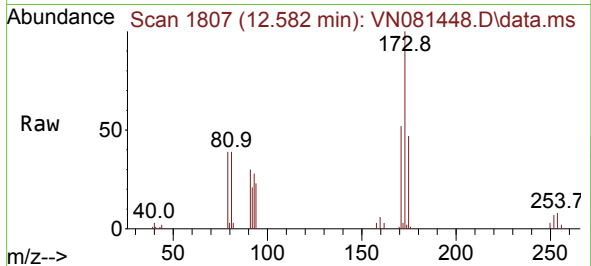




#71
Bromoform
Concen: 19.661 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN081448.D
Acq: 16 Mar 2024 00:28

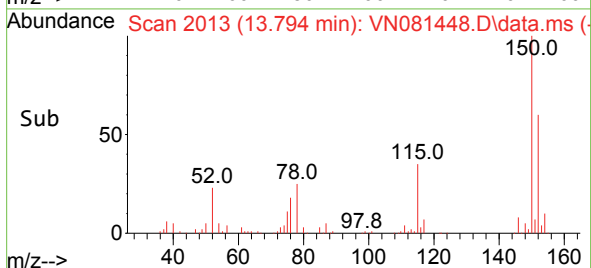
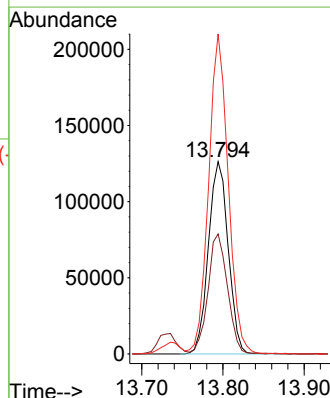
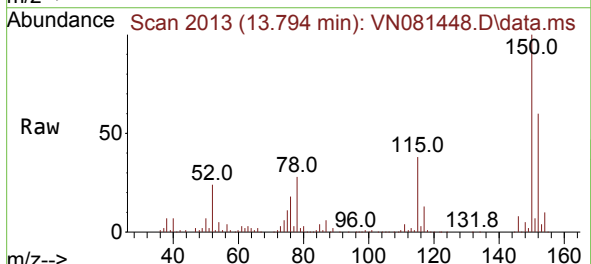
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBSD01

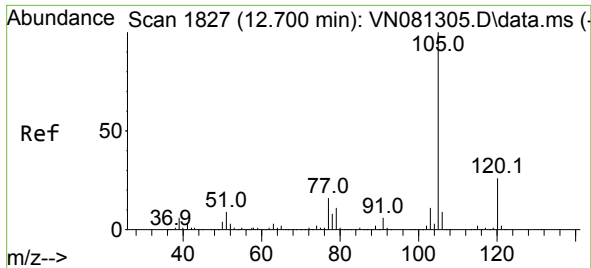
Tgt Ion:173 Resp: 49457
Ion Ratio Lower Upper
173 100
175 47.6 23.1 69.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081448.D
Acq: 16 Mar 2024 00:28

Tgt Ion:152 Resp: 213972
Ion Ratio Lower Upper
152 100
115 61.5 32.3 96.8
150 164.2 0.0 339.8

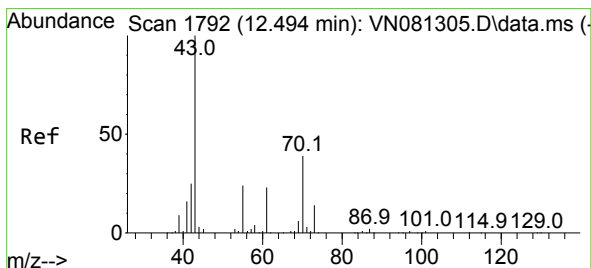
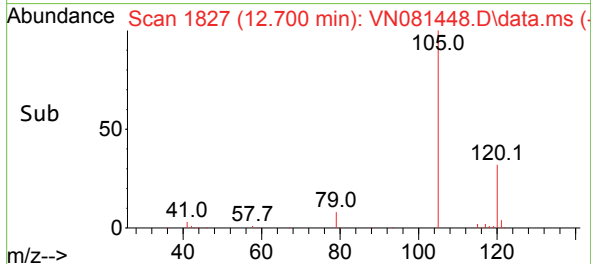
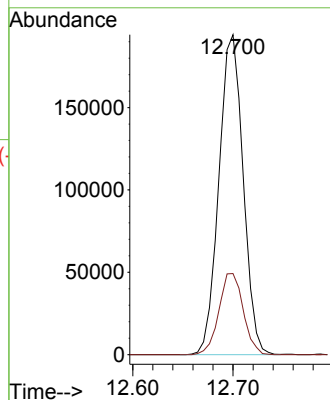
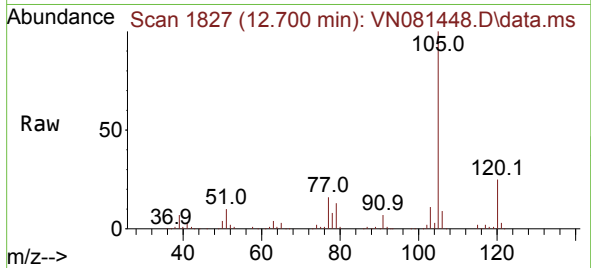




#73
Isopropylbenzene
Concen: 18.864 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN081448.D
Acq: 16 Mar 2024 00:28

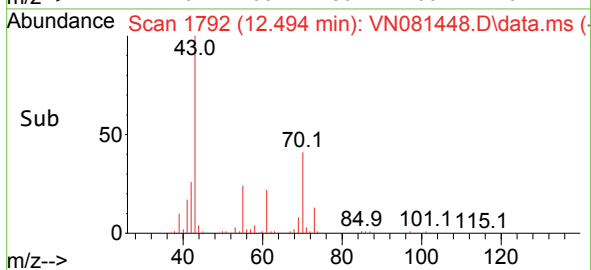
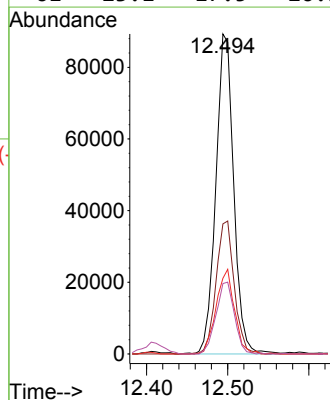
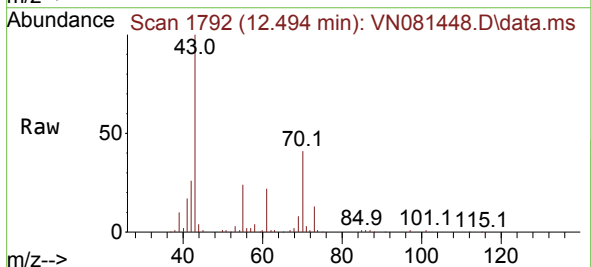
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBSD01

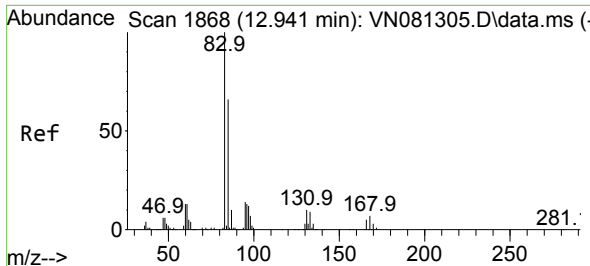
Tgt Ion:105 Resp: 325937
Ion Ratio Lower Upper
105 100
120 25.5 12.6 37.6



#74
N-ethyl acetate
Concen: 18.884 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081448.D
Acq: 16 Mar 2024 00:28

Tgt Ion: 43 Resp: 136904
Ion Ratio Lower Upper
43 100
70 42.2 30.1 45.1
55 27.1 17.0 25.4#
61 23.1 17.5 26.3

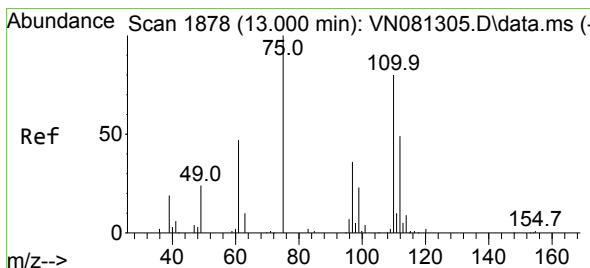
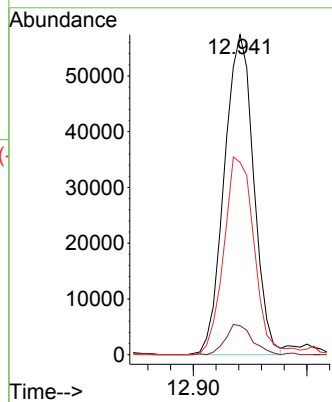
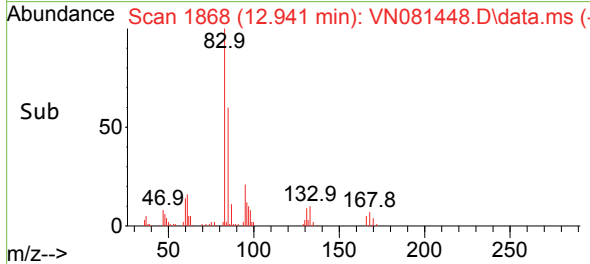
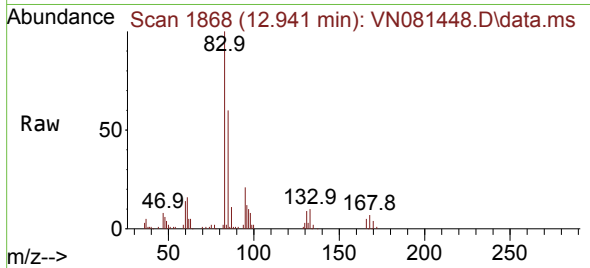




#75
1,1,2,2-Tetrachloroethane
Concen: 19.315 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081448.D
Acq: 16 Mar 2024 00:28

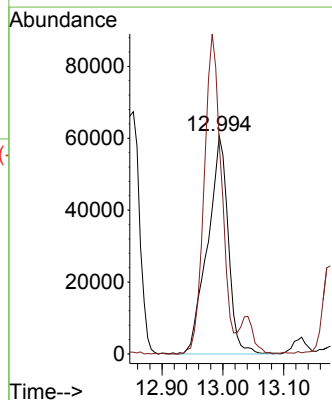
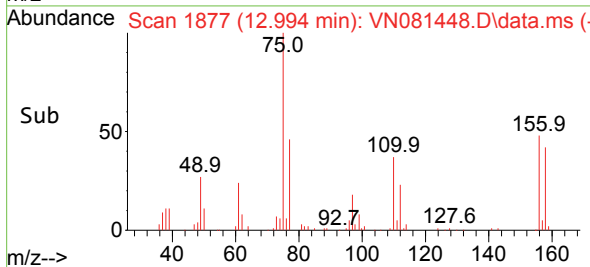
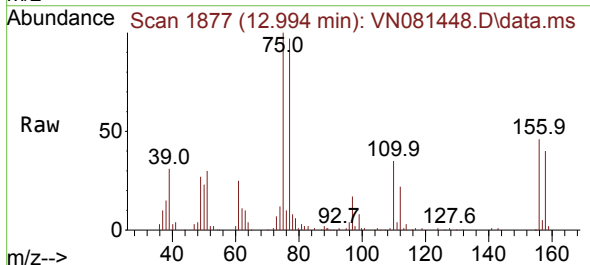
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBSD01

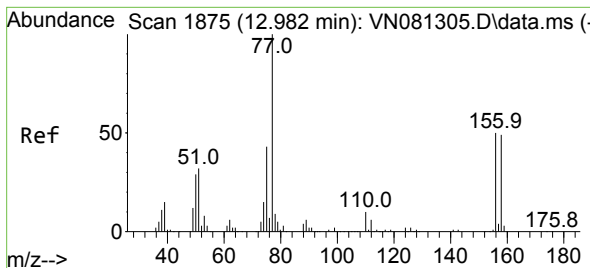
Tgt Ion: 83 Resp: 102993
Ion Ratio Lower Upper
83 100
131 8.6 4.1 12.3
85 64.1 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 28.207 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN081448.D
Acq: 16 Mar 2024 00:28

Tgt Ion: 75 Resp: 142559
Ion Ratio Lower Upper
75 100
77 123.9 91.0 272.8





#77

Bromobenzene

Concen: 18.316 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN081448.D

Acq: 16 Mar 2024 00:28

Instrument :

MSVOA_N

ClientSampleId :

VN0315WBSD01

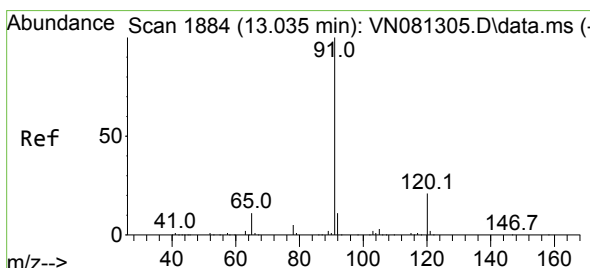
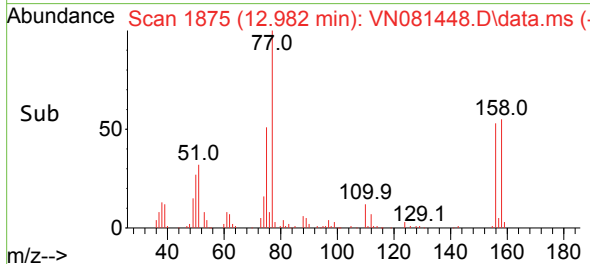
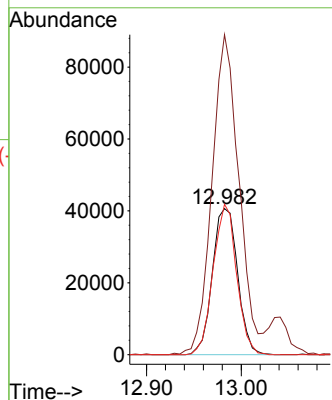
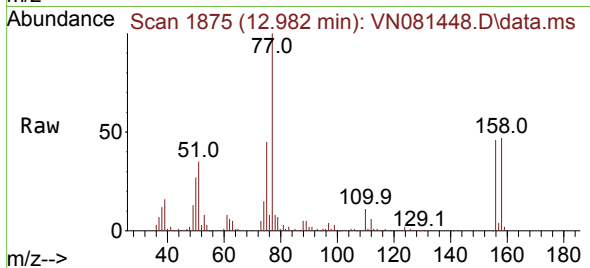
Tgt Ion:156 Resp: 75032

Ion Ratio Lower Upper

156 100

77 235.5 138.1 414.3

158 96.0 46.5 139.5



#78

n-propylbenzene

Concen: 19.255 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VN081448.D

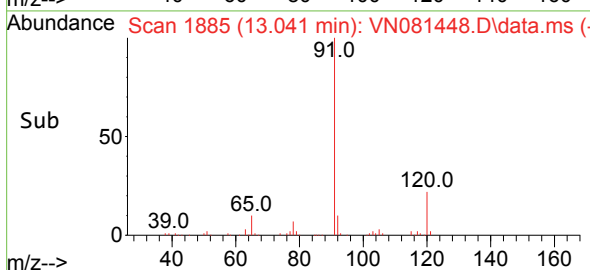
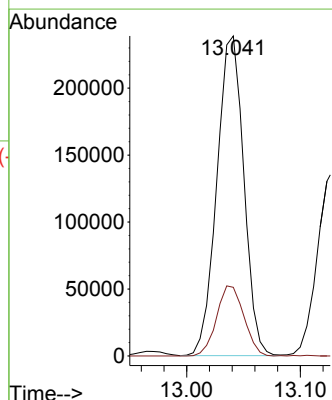
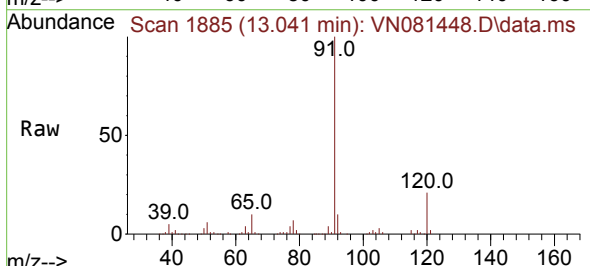
Acq: 16 Mar 2024 00:28

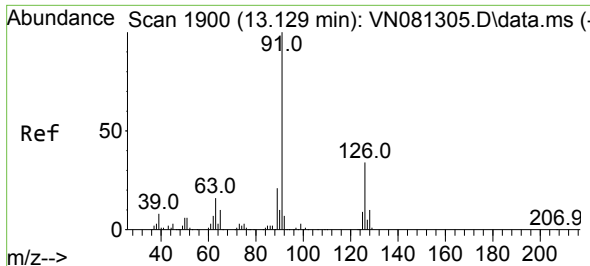
Tgt Ion: 91 Resp: 393502

Ion Ratio Lower Upper

91 100

120 22.2 10.3 30.9

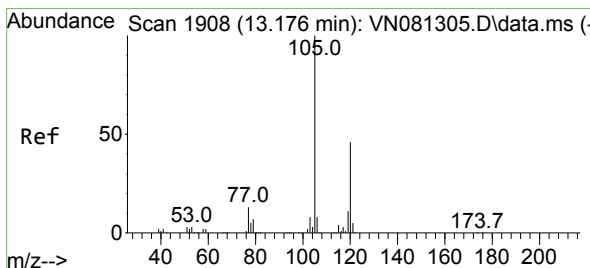
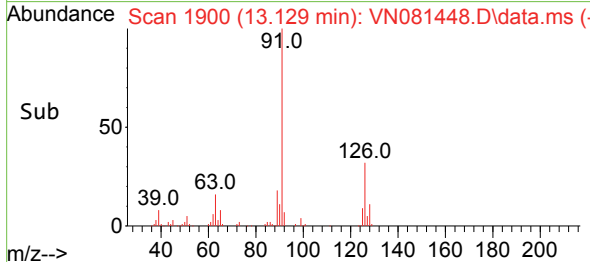
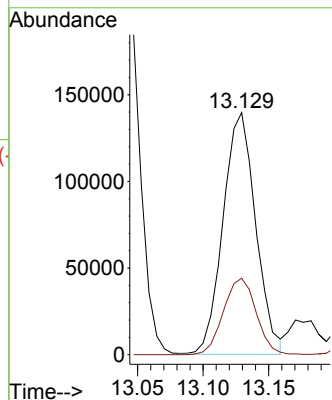
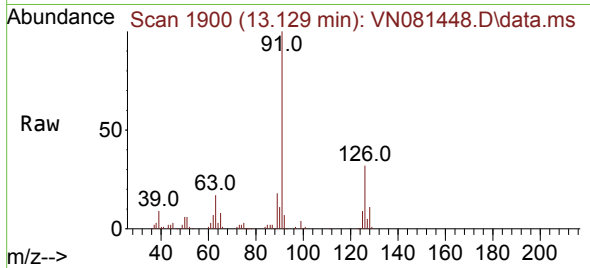




#79
2-Chlorotoluene
Concen: 19.368 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN081448.D
Acq: 16 Mar 2024 00:28

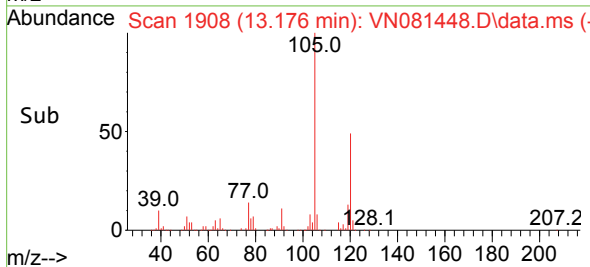
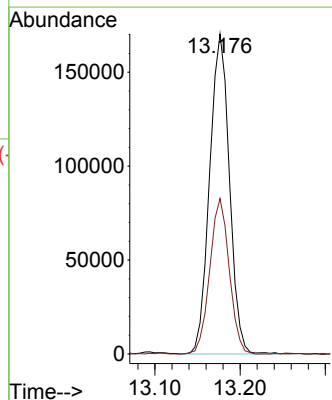
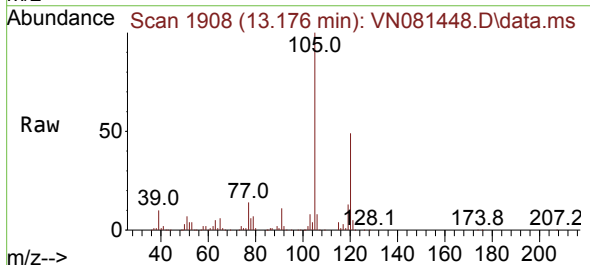
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBSD01

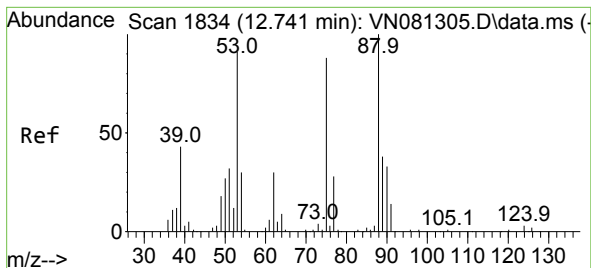
Tgt Ion: 91 Resp: 241933
Ion Ratio Lower Upper
91 100
126 31.6 14.8 44.4



#80
1,3,5-Trimethylbenzene
Concen: 19.281 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081448.D
Acq: 16 Mar 2024 00:28

Tgt Ion: 105 Resp: 275386
Ion Ratio Lower Upper
105 100
120 47.6 23.0 69.0

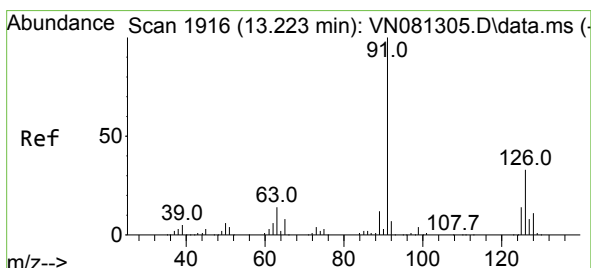
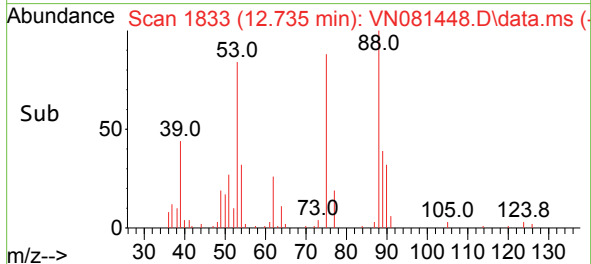
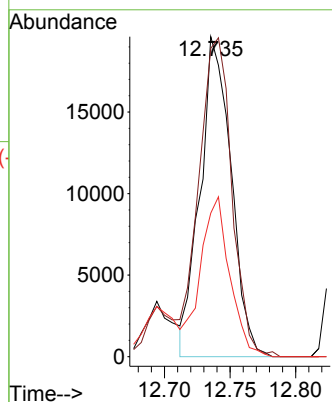
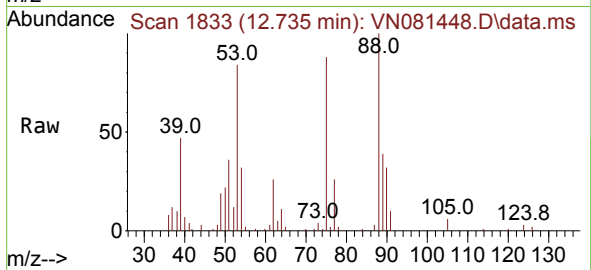




#81
trans-1,4-Dichloro-2-butene
Concen: 17.804 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081448.D
Acq: 16 Mar 2024 00:28

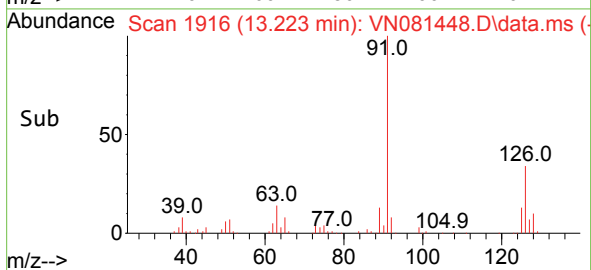
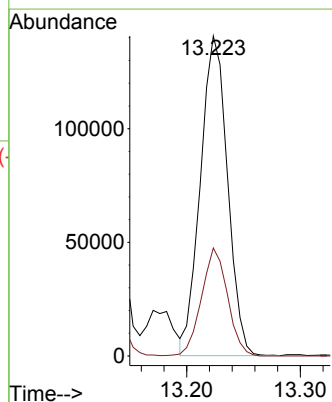
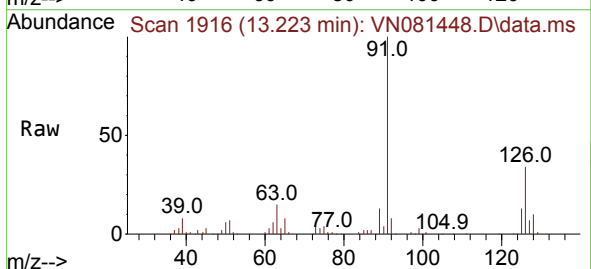
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBSD01

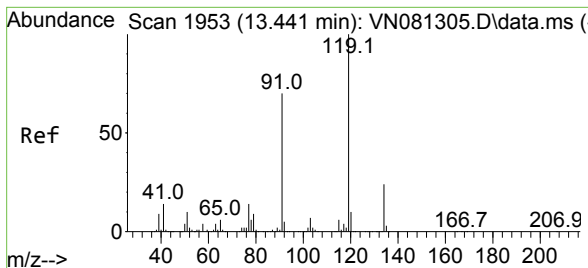
Tgt Ion: 75 Resp: 32242
Ion Ratio Lower Upper
75 100
53 107.9 71.4 107.2#
89 47.7 33.4 50.0



#82
4-Chlorotoluene
Concen: 18.893 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081448.D
Acq: 16 Mar 2024 00:28

Tgt Ion: 91 Resp: 233103
Ion Ratio Lower Upper
91 100
126 32.5 15.3 45.9





#83

tert-Butylbenzene

Concen: 18.323 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN081448.D

Acq: 16 Mar 2024 00:28

Instrument :

MSVOA_N

ClientSampleId :

VN0315WBSD01

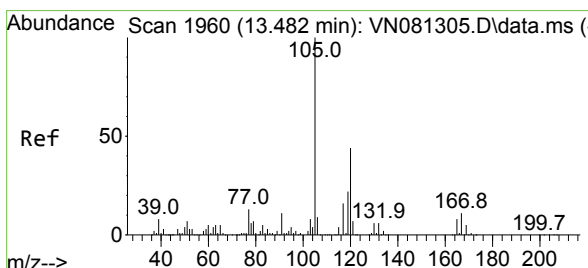
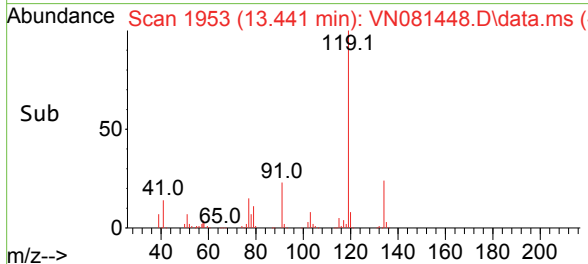
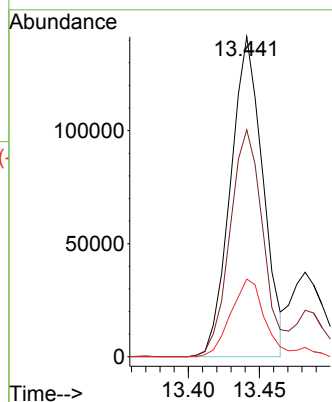
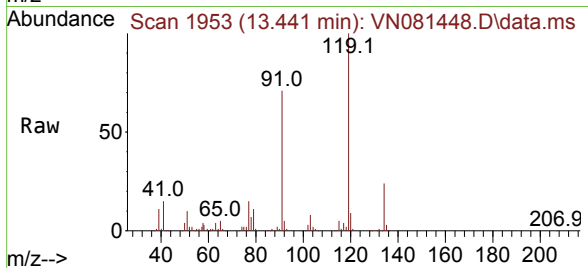
Tgt Ion:119 Resp: 224361

Ion Ratio Lower Upper

119 100

91 73.3 36.8 110.4

134 25.5 12.4 37.4



#84

1,2,4-Trimethylbenzene

Concen: 19.413 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN081448.D

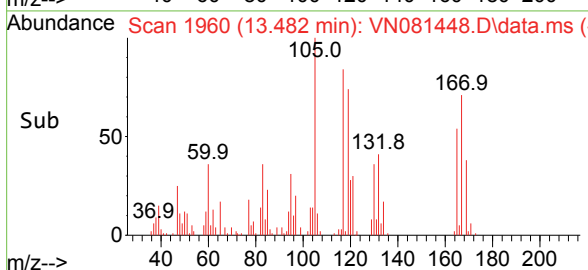
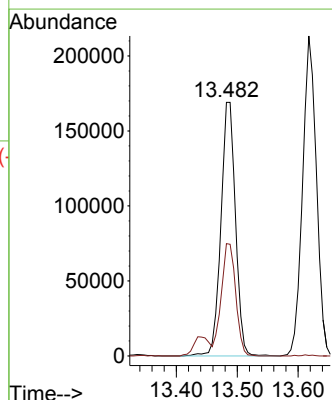
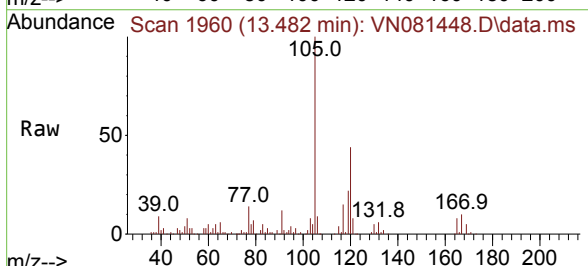
Acq: 16 Mar 2024 00:28

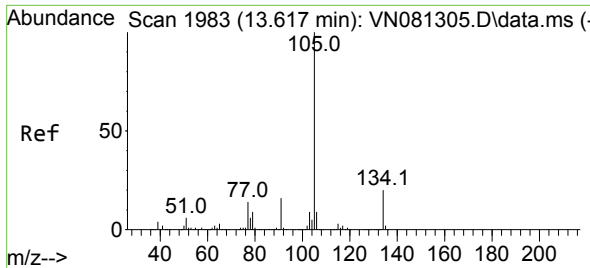
Tgt Ion:105 Resp: 280920

Ion Ratio Lower Upper

105 100

120 43.8 20.9 62.7

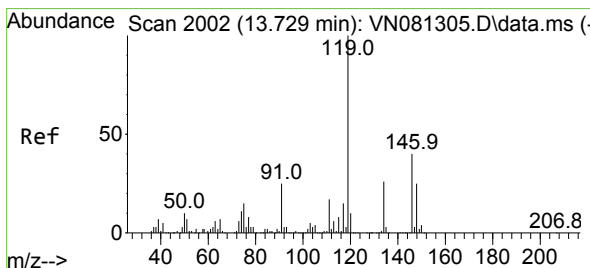
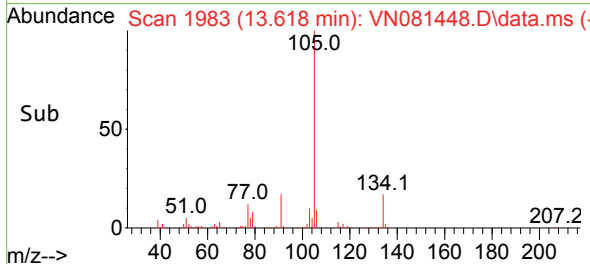
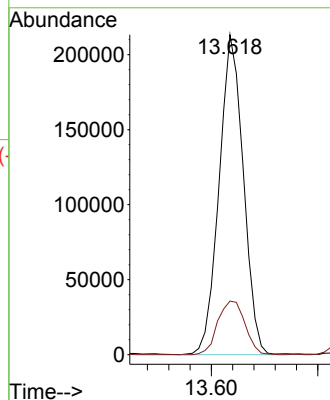
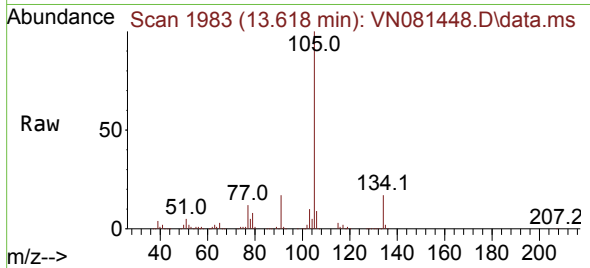




#85
 sec-Butylbenzene
 Concen: 19.003 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081448.D
 Acq: 16 Mar 2024 00:28

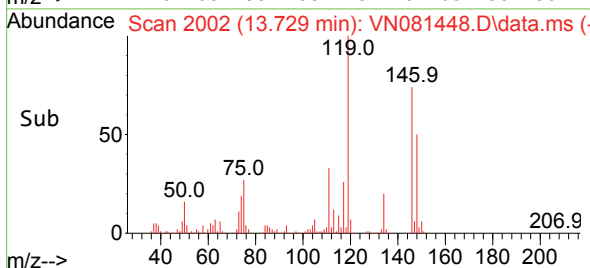
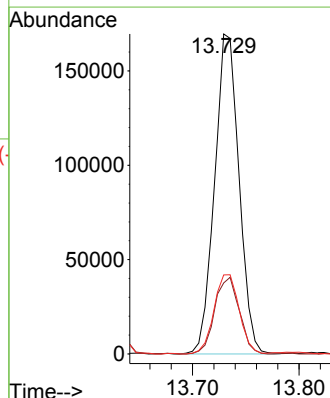
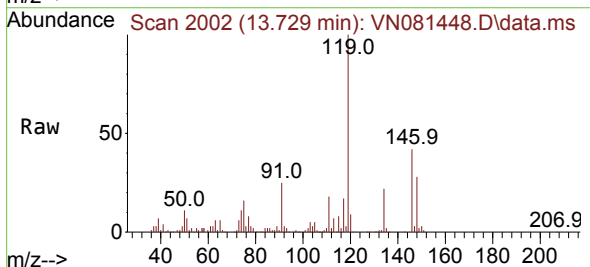
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0315WBSD01

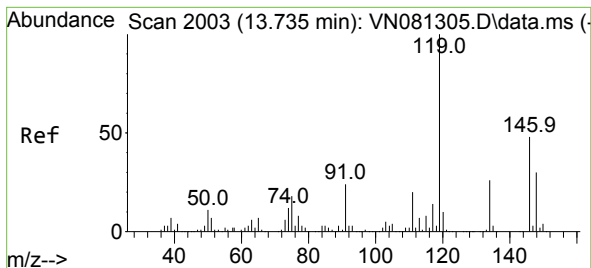
Tgt Ion:105 Resp: 336631
 Ion Ratio Lower Upper
 105 100
 134 18.9 8.6 25.8



#86
 p-Isopropyltoluene
 Concen: 19.002 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081448.D
 Acq: 16 Mar 2024 00:28

Tgt Ion:119 Resp: 269947
 Ion Ratio Lower Upper
 119 100
 134 24.1 12.4 37.2
 91 25.6 13.5 40.4





#87

1,3-Dichlorobenzene

Concen: 17.894 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN081448.D

Acq: 16 Mar 2024 00:28

Instrument :

MSVOA_N

ClientSampleId :

VN0315WBSD01

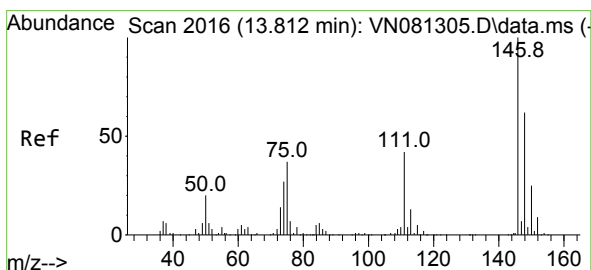
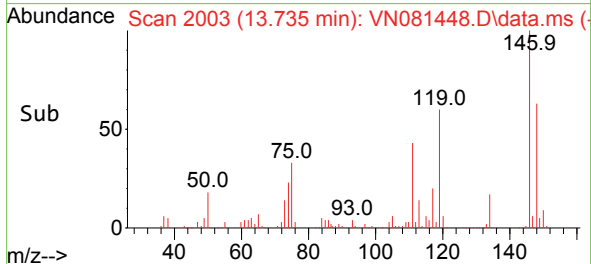
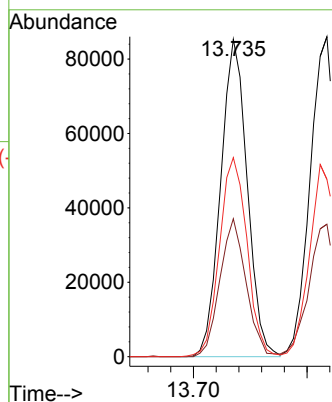
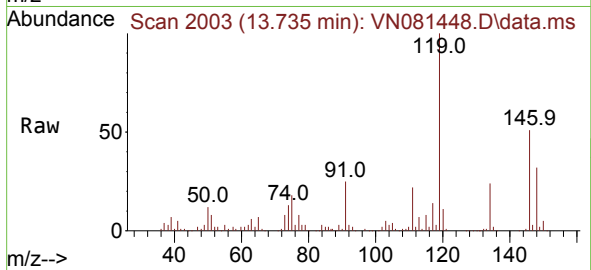
Tgt Ion:146 Resp: 138417

Ion Ratio Lower Upper

146 100

111 43.0 23.9 71.7

148 65.1 32.6 97.7



#88

1,4-Dichlorobenzene

Concen: 18.563 ug/l

RT: 13.818 min Scan# 2017

Delta R.T. 0.006 min

Lab File: VN081448.D

Acq: 16 Mar 2024 00:28

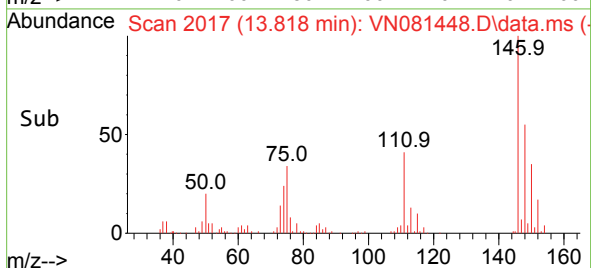
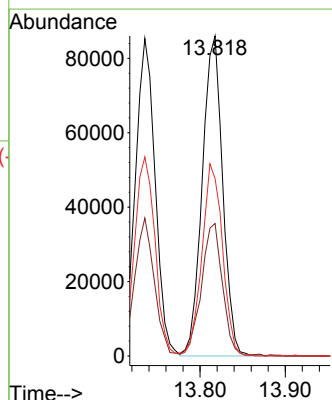
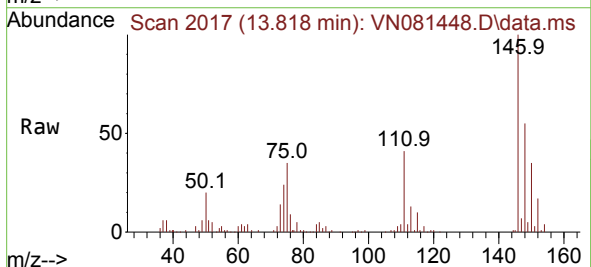
Tgt Ion:146 Resp: 143521

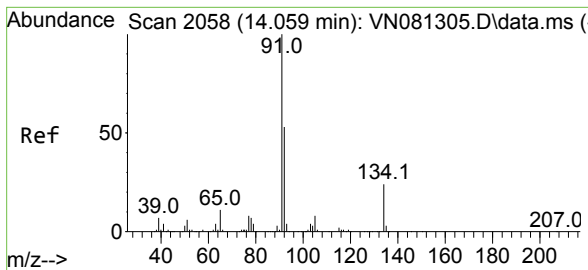
Ion Ratio Lower Upper

146 100

111 42.2 22.6 67.7

148 60.5 31.9 95.5





#89

n-Butylbenzene

Concen: 17.749 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081448.D

Acq: 16 Mar 2024 00:28

Instrument :

MSVOA_N

ClientSampleId :

VN0315WBSD01

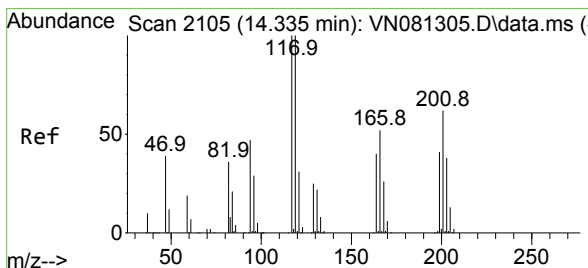
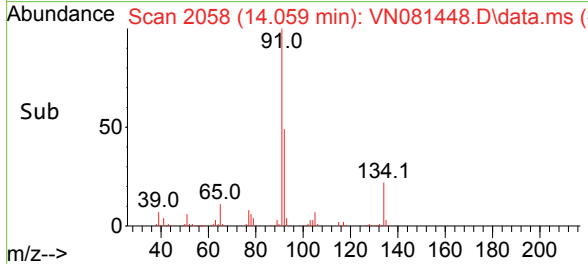
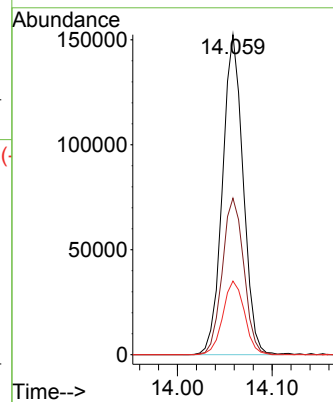
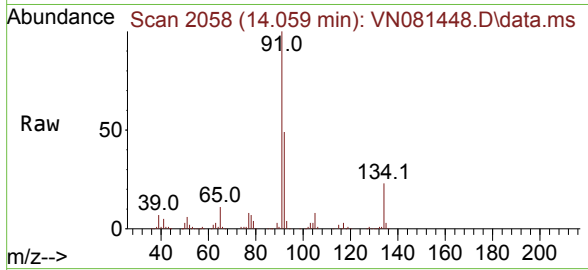
Tgt Ion: 91 Resp: 231230

Ion Ratio Lower Upper

91 100

92 51.2 26.7 80.1

134 24.1 10.8 32.4



#90

Hexachloroethane

Concen: 20.962 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN081448.D

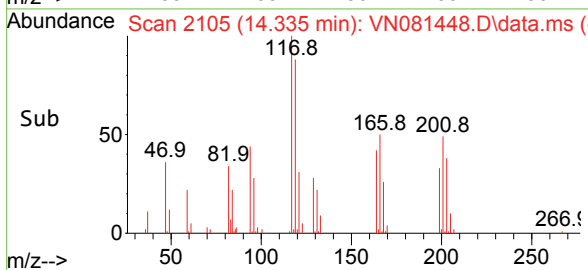
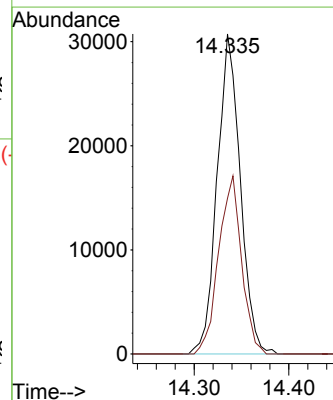
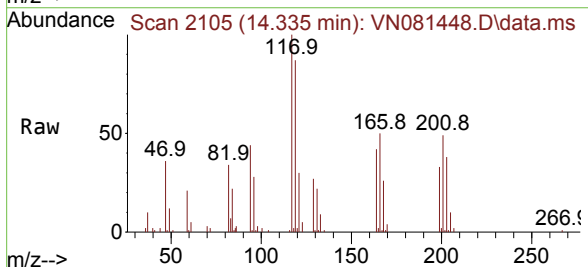
Acq: 16 Mar 2024 00:28

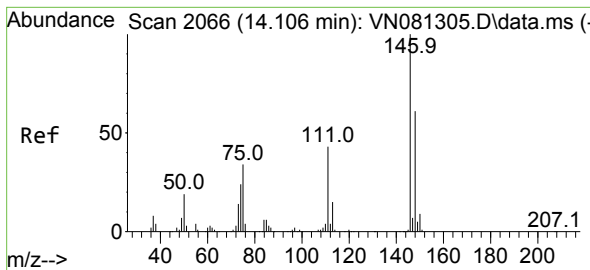
Tgt Ion: 117 Resp: 52137

Ion Ratio Lower Upper

117 100

201 55.3 30.0 90.0





#91

1,2-Dichlorobenzene

Concen: 18.664 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN081448.D

Acq: 16 Mar 2024 00:28

Instrument :

MSVOA_N

ClientSampleId :

VN0315WBSD01

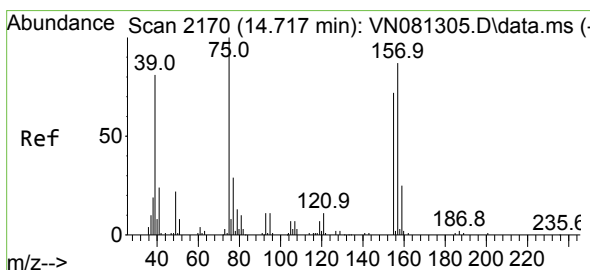
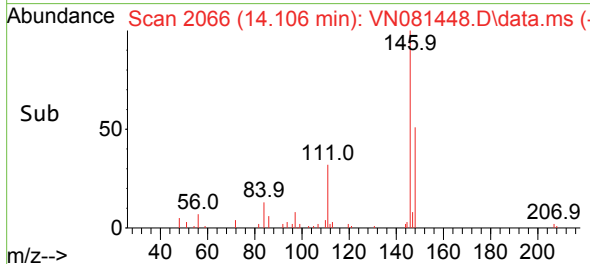
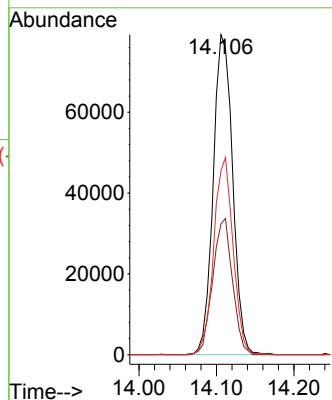
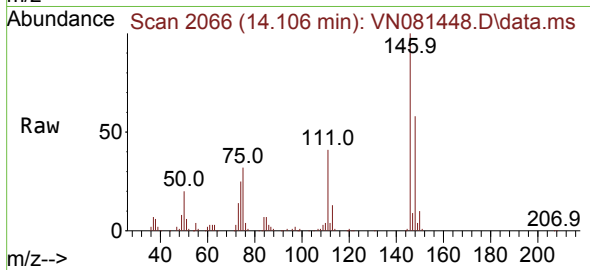
Tgt Ion:146 Resp: 138518

Ion Ratio Lower Upper

146 100

111 43.2 23.9 71.8

148 61.1 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.618 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VN081448.D

Acq: 16 Mar 2024 00:28

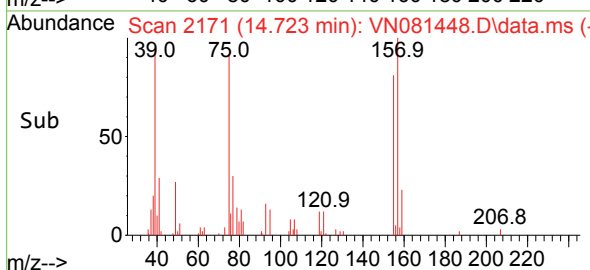
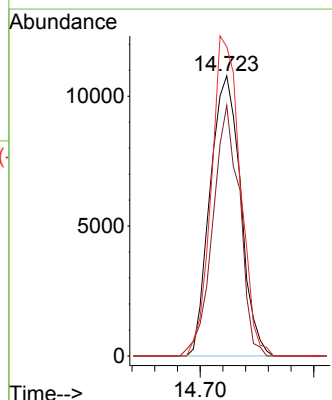
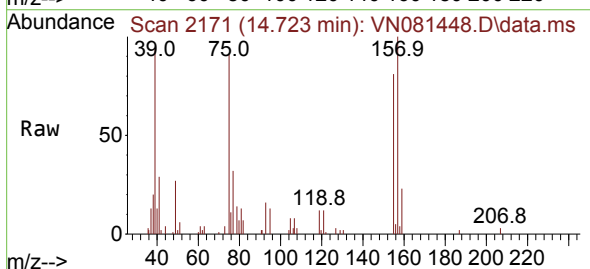
Tgt Ion: 75 Resp: 20103

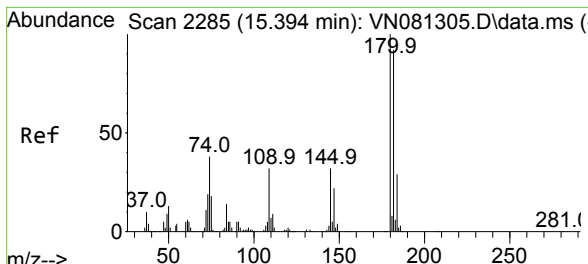
Ion Ratio Lower Upper

75 100

155 78.4 31.8 95.4

157 108.0 41.1 123.4

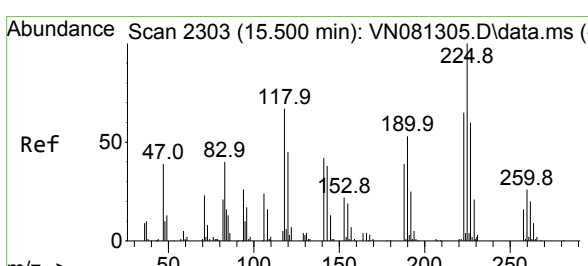
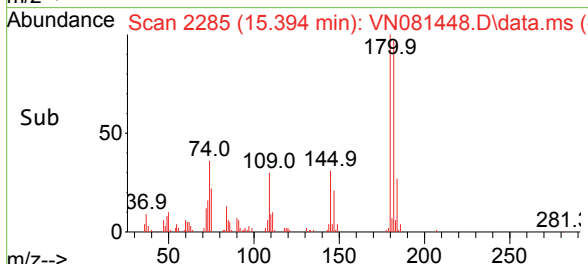
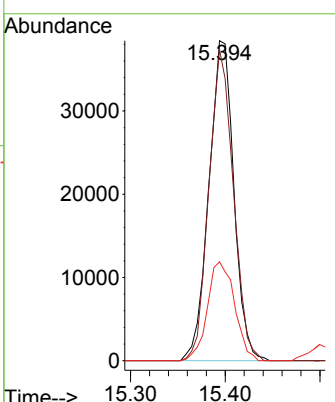
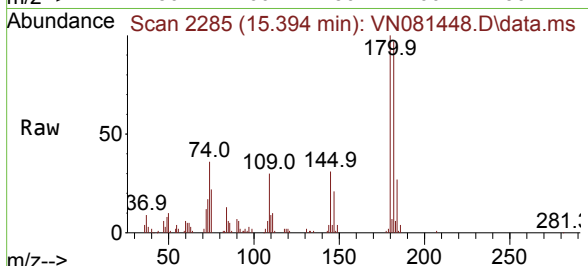




#93
 1,2,4-Trichlorobenzene
 Concen: 17.762 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN081448.D
 Acq: 16 Mar 2024 00:28

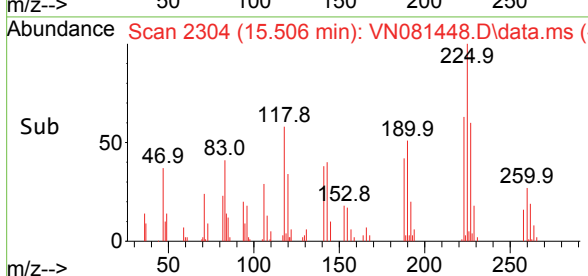
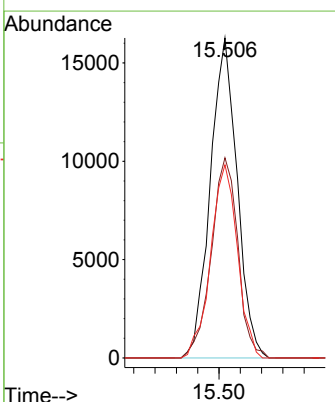
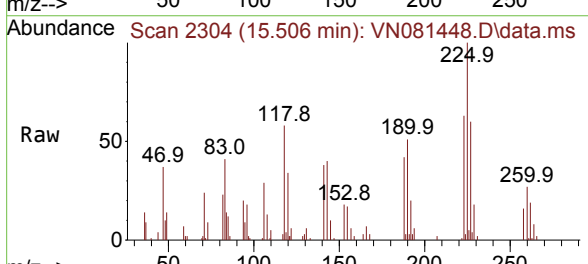
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0315WBSD01

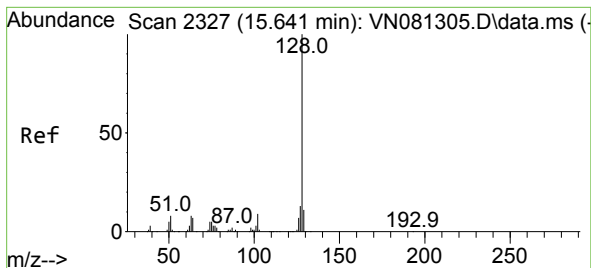
Tgt Ion:	180	Resp:	70464
Ion Ratio	Lower	Upper	
180	100		
182	94.8	46.6	139.7
145	33.5	16.8	50.3



#94
 Hexachlorobutadiene
 Concen: 17.381 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. 0.006 min
 Lab File: VN081448.D
 Acq: 16 Mar 2024 00:28

Tgt Ion:	225	Resp:	28492
Ion Ratio	Lower	Upper	
225	100		
223	61.9	33.3	99.8
227	60.1	33.1	99.2





#95

Naphthalene

Concen: 17.435 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081448.D

Acq: 16 Mar 2024 00:28

Instrument :

MSVOA_N

ClientSampleId :

VN0315WBSD01

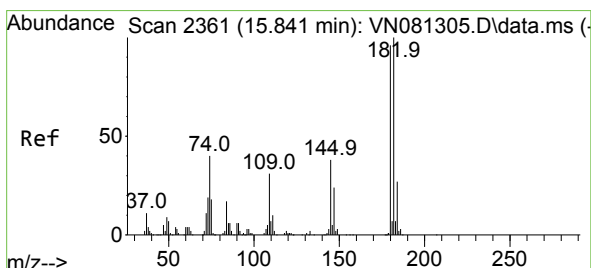
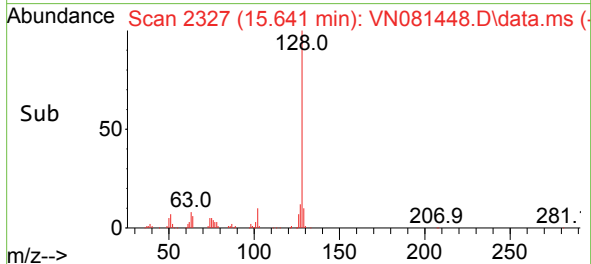
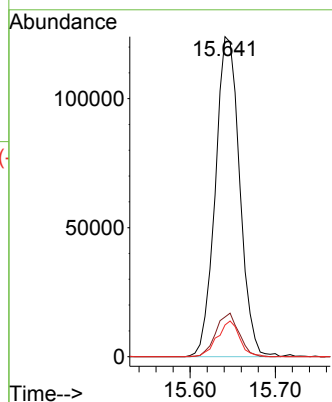
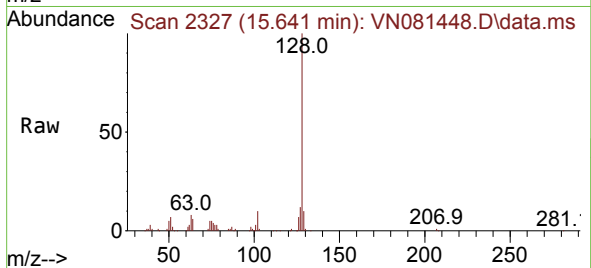
Tgt Ion:128 Resp: 246111

Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

129 10.2 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 17.222 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN081448.D

Acq: 16 Mar 2024 00:28

Tgt Ion:180 Resp: 69284

Ion Ratio Lower Upper

180 100

182 97.1 46.5 139.3

145 36.4 17.8 53.4

