

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030124\
 Data File : VN081276.D
 Acq On : 01 Mar 2024 11:23
 Operator : JC\MD
 Sample : VN0301WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0301WBS01

Quant Time: Mar 01 22:13:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	238431	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	431280	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	387034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	173630	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	148284	50.739	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.480%	
35) Dibromofluoromethane	8.165	113	124580	51.083	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.160%	
50) Toluene-d8	10.565	98	396443	45.769	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 91.540%	
62) 4-Bromofluorobenzene	12.853	95	153896	47.284	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.560%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	55001	17.837	ug/l	93
3) Chloromethane	2.365	50	53495	15.077	ug/l	97
4) Vinyl Chloride	2.518	62	59702	17.431	ug/l	100
5) Bromomethane	2.971	94	42443	17.447	ug/l	98
6) Chloroethane	3.130	64	41255	18.067	ug/l	100
7) Trichlorofluoromethane	3.501	101	95687	19.123	ug/l	84
8) Diethyl Ether	3.959	74	33239	18.170	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.383	101	55552	19.916	ug/l #	81
10) Methyl Iodide	4.589	142	45509	14.616	ug/l	98
11) Tert butyl alcohol	5.512	59	40017	74.456	ug/l	98
12) 1,1-Dichloroethene	4.342	96	48471	17.976	ug/l	97
13) Acrolein	4.183	56	18796	65.249	ug/l	97
14) Allyl chloride	5.030	41	71226	17.803	ug/l #	93
15) Acrylonitrile	5.712	53	129639	92.357	ug/l	98
16) Acetone	4.418	43	93963	81.711	ug/l	98
17) Carbon Disulfide	4.718	76	114229	15.189	ug/l	96
18) Methyl Acetate	5.024	43	59893	21.351	ug/l #	88
19) Methyl tert-butyl Ether	5.795	73	173605	18.799	ug/l	96
20) Methylene Chloride	5.277	84	59566	19.455	ug/l	90
21) trans-1,2-Dichloroethene	5.789	96	52486	17.447	ug/l	94
22) Diisopropyl ether	6.671	45	177236	19.529	ug/l #	92
23) Vinyl Acetate	6.600	43	668653	90.810	ug/l	97
24) 1,1-Dichloroethane	6.571	63	104646	19.942	ug/l	96
25) 2-Butanone	7.483	43	160562	86.428	ug/l	91
26) 2,2-Dichloropropane	7.489	77	94997	19.321	ug/l	96
27) cis-1,2-Dichloroethene	7.483	96	64087	18.336	ug/l	88
28) Bromochloromethane	7.812	49	41701	19.169	ug/l #	70
29) Tetrahydrofuran	7.836	42	112202	90.475	ug/l	92
30) Chloroform	7.965	83	115301	20.669	ug/l	95
31) Cyclohexane	8.259	56	84624	16.770	ug/l #	73
32) 1,1,1-Trichloroethane	8.171	97	98495	19.387	ug/l	96
36) 1,1-Dichloropropene	8.371	75	76984	18.426	ug/l	96
37) Ethyl Acetate	7.559	43	66311	17.585	ug/l	98
38) Carbon Tetrachloride	8.359	117	82559	19.531	ug/l	98
39) Methylcyclohexane	9.600	83	85646	17.585	ug/l	95
40) Benzene	8.606	78	244111	20.185	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	36695	17.099	ug/l	94
42) 1,2-Dichloroethane	8.671	62	86289	20.451	ug/l	98
43) Isopropyl Acetate	8.688	43	121362	18.403	ug/l #	96
44) Trichloroethene	9.353	130	60634	18.824	ug/l	100
45) 1,2-Dichloropropane	9.624	63	61158	20.217	ug/l	91
46) Dibromomethane	9.712	93	41964	19.039	ug/l #	91
47) Bromodichloromethane	9.888	83	86908	20.819	ug/l #	93
48) Methyl methacrylate	9.683	41	55389	18.050	ug/l	93
49) 1,4-Dioxane	9.694	88	20830	342.627	ug/l	90
51) 4-Methyl-2-Pentanone	10.447	43	360319	94.978	ug/l	95
52) Toluene	10.630	92	145858	19.051	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	86774	18.705	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	98317	19.616	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	61782	20.981	ug/l	89
56) Ethyl methacrylate	10.871	69	83790	18.618	ug/l	89
57) 1,3-Dichloropropane	11.165	76	104400	20.505	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	220411	97.611	ug/l	92
59) 2-Hexanone	11.194	43	258538	85.960	ug/l	97
60) Dibromochloromethane	11.359	129	60866	19.457	ug/l	99
61) 1,2-Dibromoethane	11.471	107	59371	19.173	ug/l	98
64) Tetrachloroethene	11.106	164	57515	21.773	ug/l	93
65) Chlorobenzene	11.894	112	158383	18.908	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	58764	19.532	ug/l	97
67) Ethyl Benzene	11.965	91	281825	18.802	ug/l	98
68) m/p-Xylenes	12.071	106	214284	37.297	ug/l	95
69) o-Xylene	12.400	106	106597	18.717	ug/l	94
70) Styrene	12.412	104	170693	18.914	ug/l	96
71) Bromoform	12.576	173	35507	18.602	ug/l #	95
73) Isopropylbenzene	12.694	105	271618	17.880	ug/l	99
74) N-amyl acetate	12.494	43	101015	15.733	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	78761	18.438	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	106585	27.018	ug/l	61
77) Bromobenzene	12.982	156	62728	18.519	ug/l	75
78) n-propylbenzene	13.035	91	328168	18.765	ug/l	95
79) 2-Chlorotoluene	13.123	91	197629	18.424	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	233517	18.959	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	25936	16.922	ug/l #	86
82) 4-Chlorotoluene	13.223	91	195146	18.606	ug/l	95
83) tert-Butylbenzene	13.441	119	195594	18.365	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	225077	18.338	ug/l	96
85) sec-Butylbenzene	13.618	105	285062	19.253	ug/l	94
86) p-Isopropyltoluene	13.729	119	230446	18.738	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	114557	17.899	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	117897	18.747	ug/l	98
89) n-Butylbenzene	14.059	91	206697	19.292	ug/l	95
90) Hexachloroethane	14.335	117	38856	19.114	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	115956	18.785	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	15261	17.183	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	58433	16.968	ug/l	98
94) Hexachlorobutadiene	15.500	225	25879	20.150	ug/l	93
95) Naphthalene	15.641	128	197719	15.668	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	59531	17.426	ug/l	98

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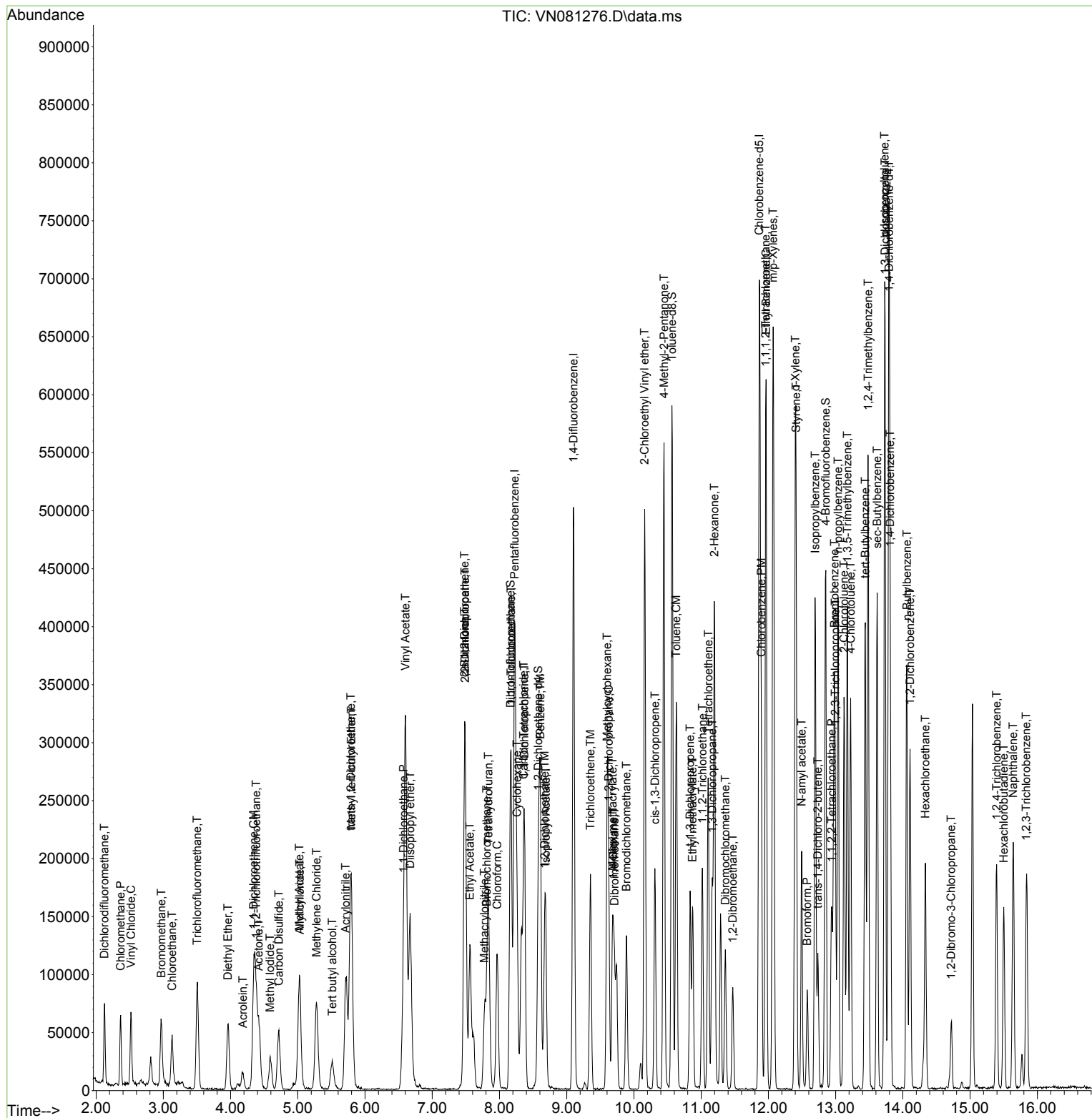
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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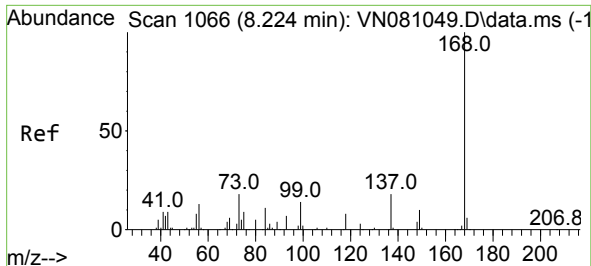
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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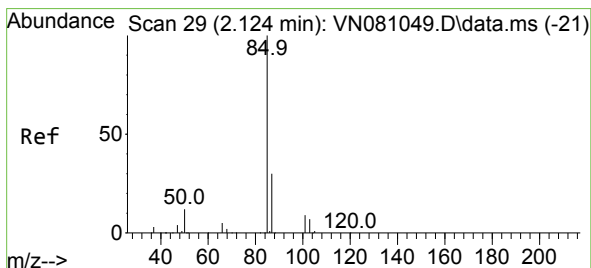
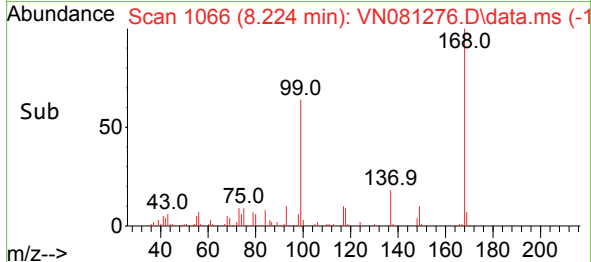
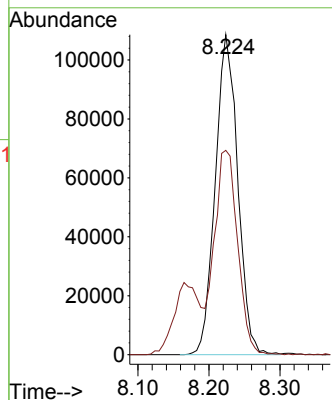
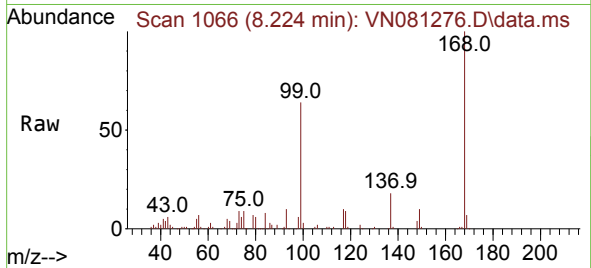




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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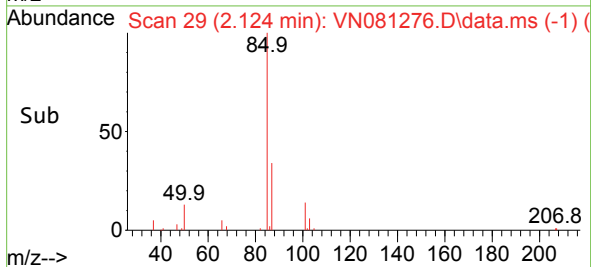
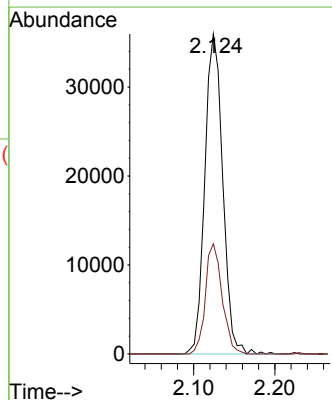
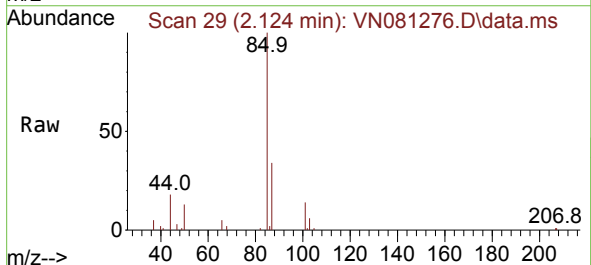
Instrument :
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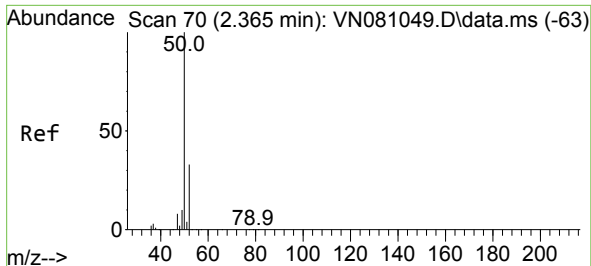
Tgt Ion:168 Resp: 238431
Ion Ratio Lower Upper
168 100
99 63.6 59.9 89.9



#2
Dichlorodifluoromethane
Concen: 17.837 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

Tgt Ion: 85 Resp: 55001
Ion Ratio Lower Upper
85 100
87 34.4 15.3 45.9

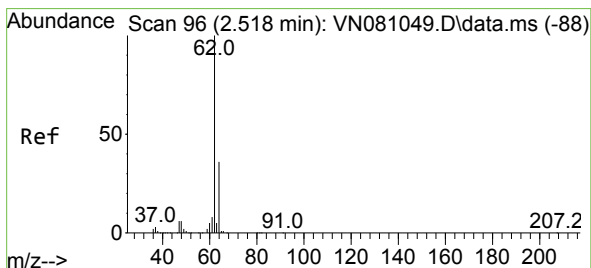
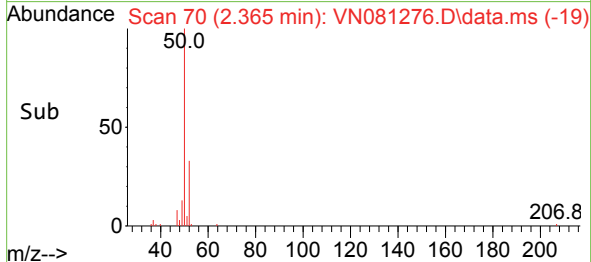
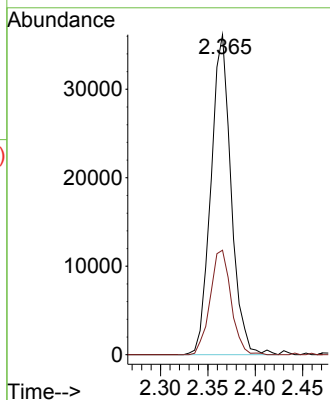
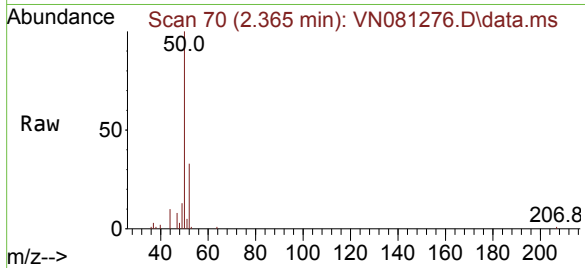




#3
Chloromethane
Concen: 15.077 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

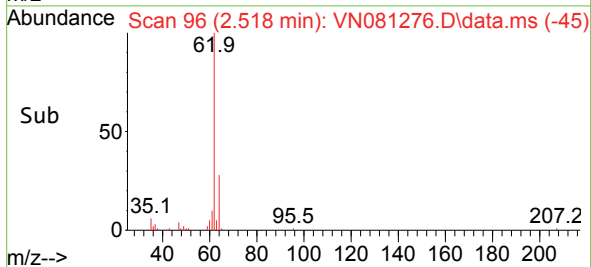
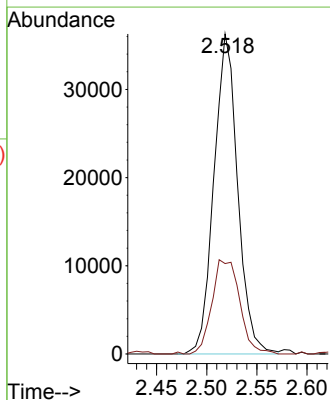
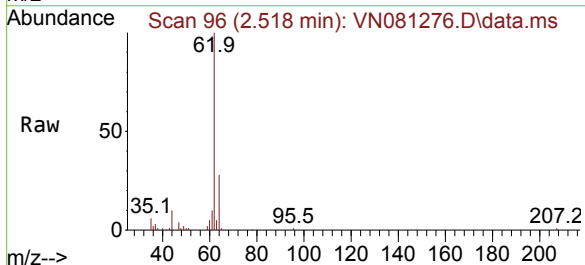
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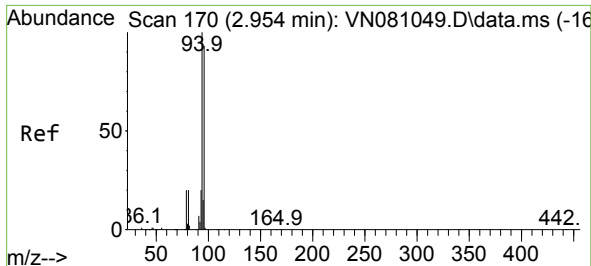
Tgt Ion: 50 Resp: 53495
Ion Ratio Lower Upper
50 100
52 32.7 25.0 37.4



#4
Vinyl Chloride
Concen: 17.431 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

Tgt Ion: 62 Resp: 59702
Ion Ratio Lower Upper
62 100
64 28.3 22.7 34.1

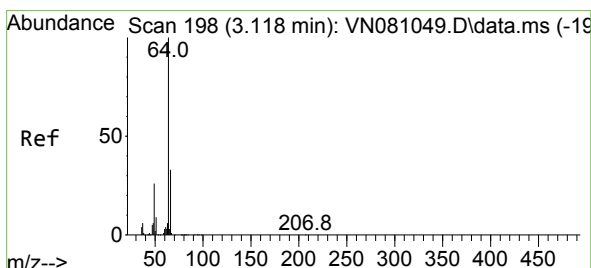
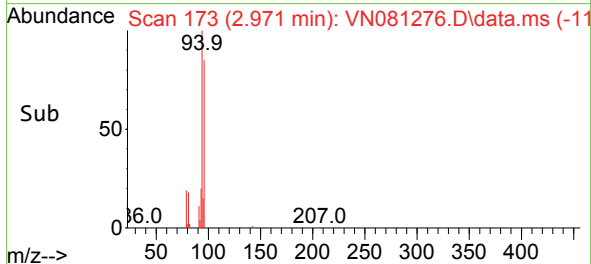
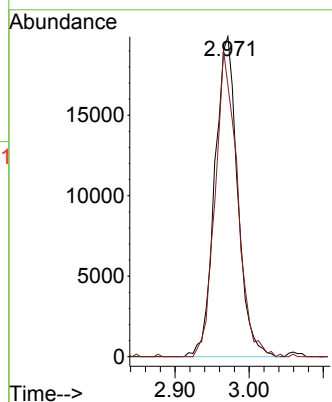
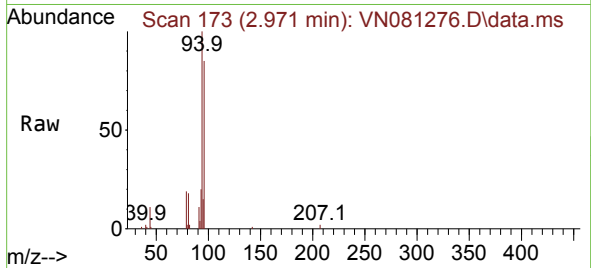




#5
Bromomethane
Concen: 17.447 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN081276.D
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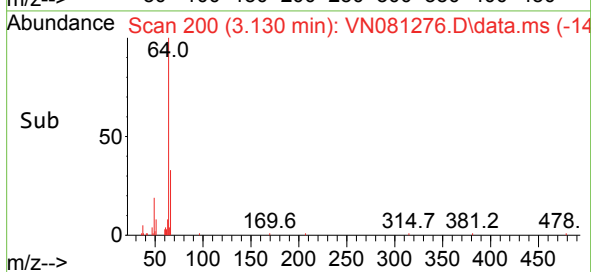
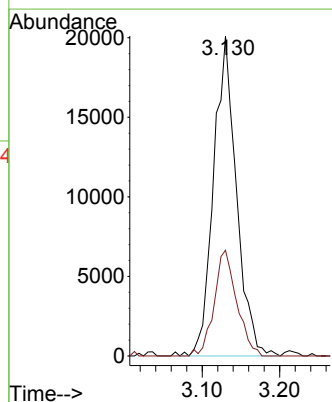
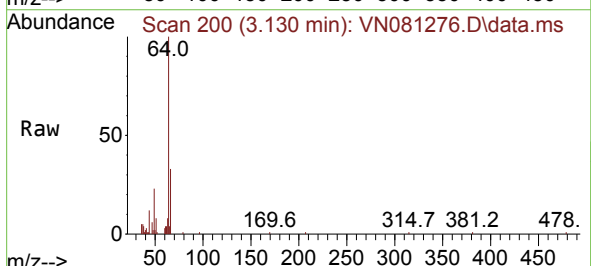
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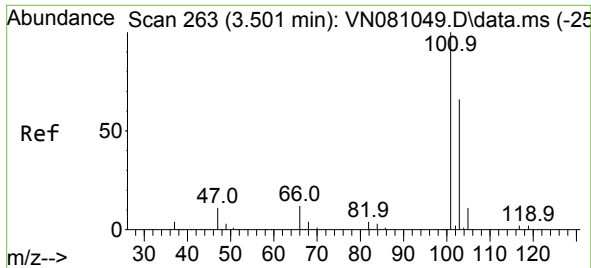
Tgt Ion: 94 Resp: 42443
Ion Ratio Lower Upper
94 100
96 84.8 69.2 103.8



#6
Chloroethane
Concen: 18.067 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.012 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

Tgt Ion: 64 Resp: 41255
Ion Ratio Lower Upper
64 100
66 33.1 26.4 39.6

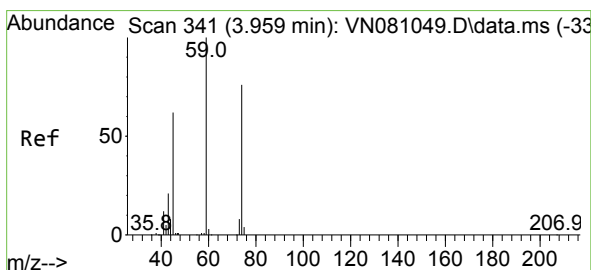
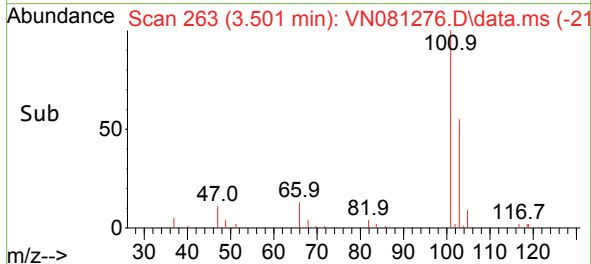
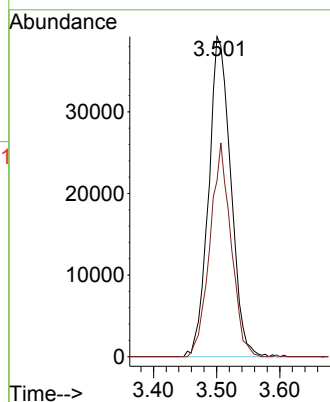
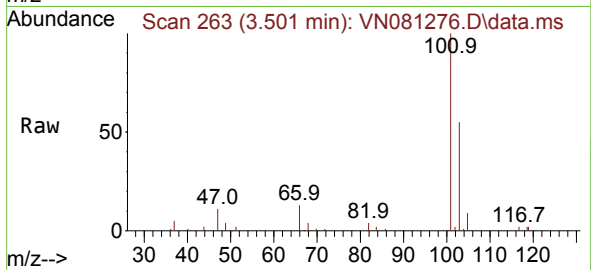




#7
Trichlorofluoromethane
Concen: 19.123 ug/l
RT: 3.501 min Scan# 210
Delta R.T. 0.000 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

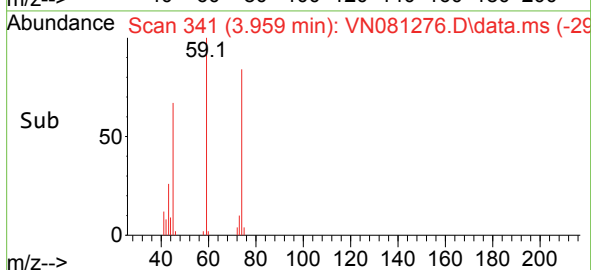
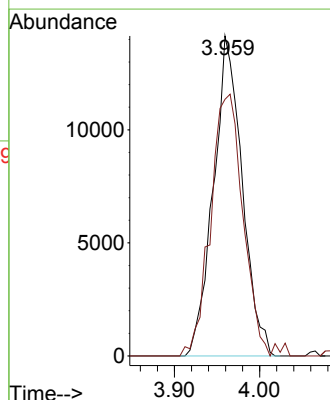
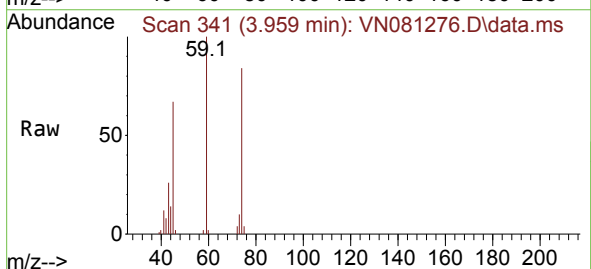
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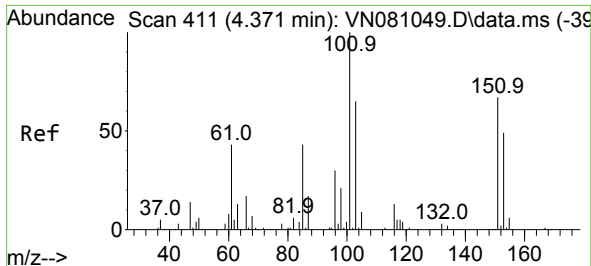
Tgt Ion:101 Resp: 95687
Ion Ratio Lower Upper
101 100
103 54.9 54.4 81.6



#8
Diethyl Ether
Concen: 18.170 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN081276.D
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Tgt Ion: 74 Resp: 33239
Ion Ratio Lower Upper
74 100
45 91.7 53.3 159.9

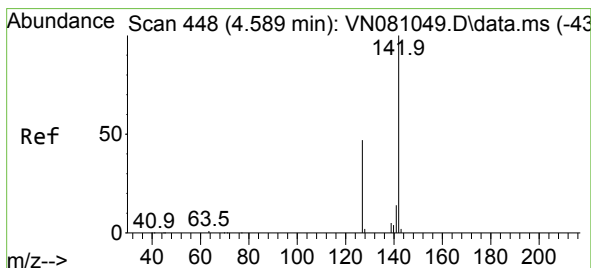
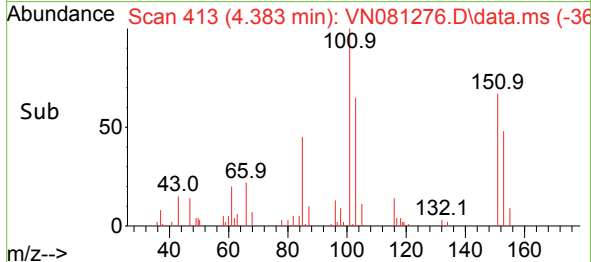
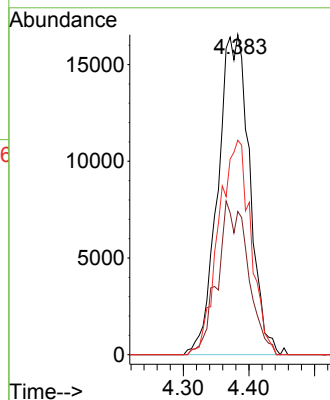
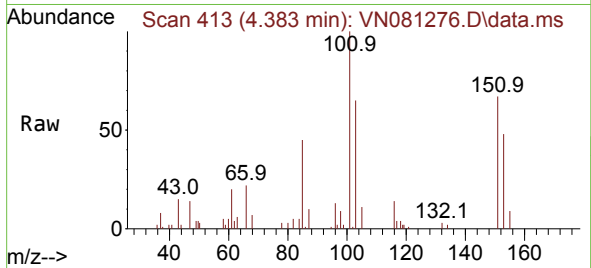




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.916 ug/l
RT: 4.383 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

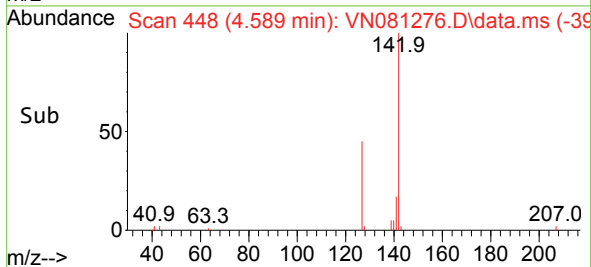
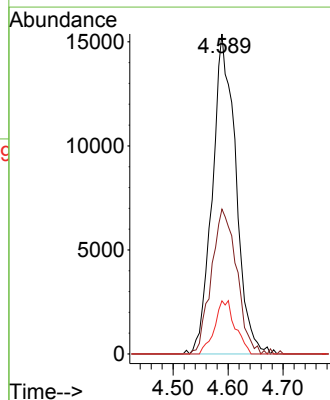
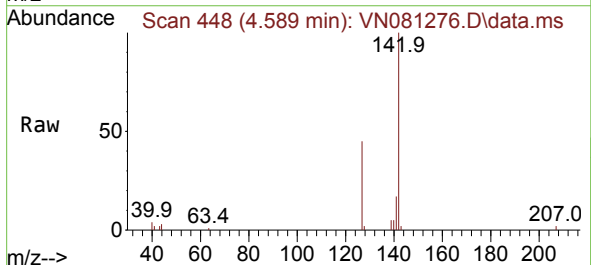
Instrument :
MSVOA_N
ClientSampleId :
VN0301WBS01

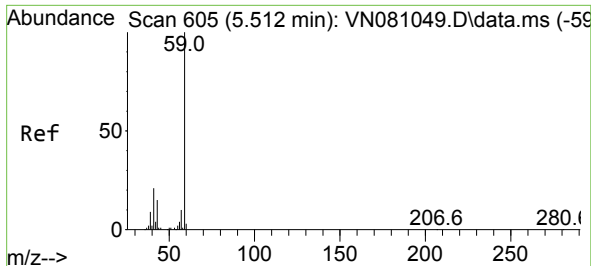
Tgt Ion:101 Resp: 55552
Ion Ratio Lower Upper
101 100
85 26.0 38.1 57.1#
151 68.0 49.1 73.7



#10
Methyl Iodide
Concen: 14.616 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

Tgt Ion:142 Resp: 45509
Ion Ratio Lower Upper
142 100
127 45.3 37.0 55.4
141 16.6 12.5 18.7





#11

Tert butyl alcohol

Concen: 74.456 ug/l

RT: 5.512 min Scan# 605

Delta R.T. 0.000 min

Lab File: VN081276.D

Acq: 01 Mar 2024 11:23

Instrument :

MSVOA_N

ClientSampleId :

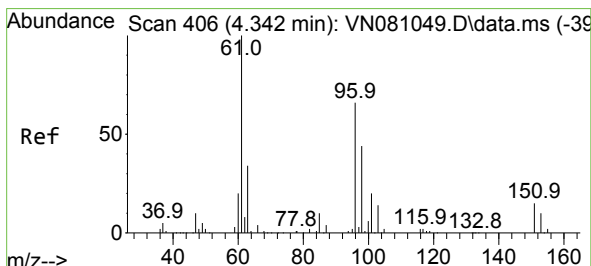
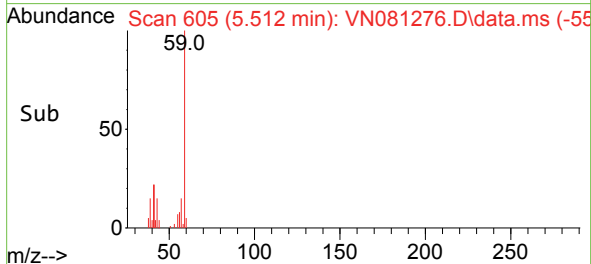
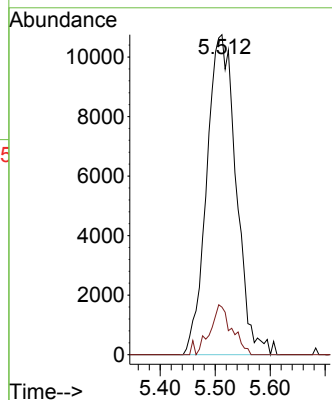
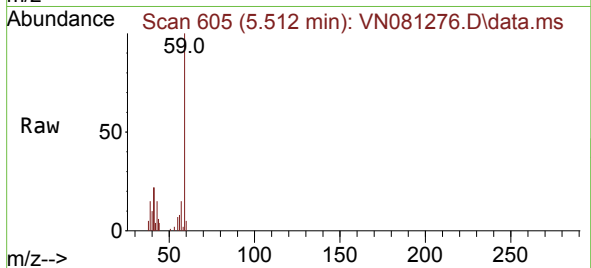
VN0301WBS01

Tgt Ion: 59 Resp: 40017

Ion Ratio Lower Upper

59 100

57 11.3 8.6 12.8



#12

1,1-Dichloroethene

Concen: 17.976 ug/l

RT: 4.342 min Scan# 406

Delta R.T. -0.000 min

Lab File: VN081276.D

Acq: 01 Mar 2024 11:23

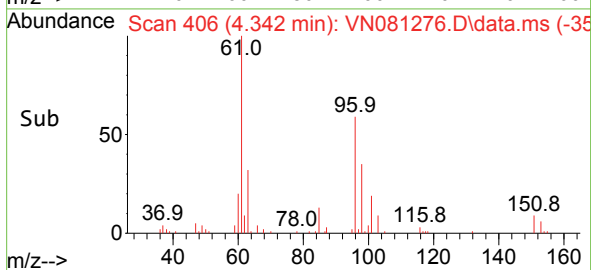
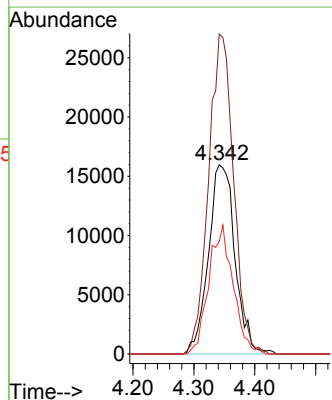
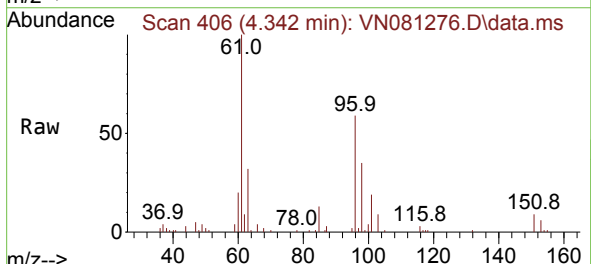
Tgt Ion: 96 Resp: 48471

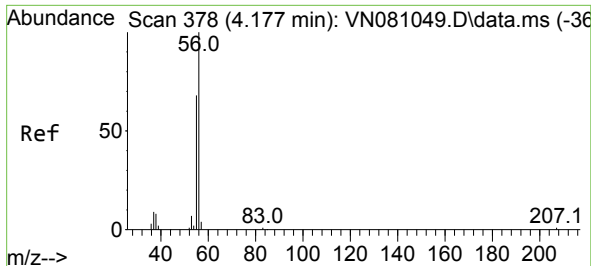
Ion Ratio Lower Upper

96 100

61 169.2 138.2 207.4

98 59.5 49.2 73.8

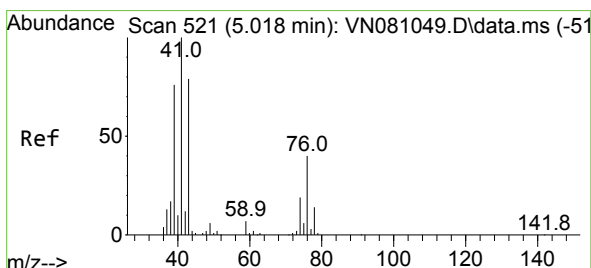
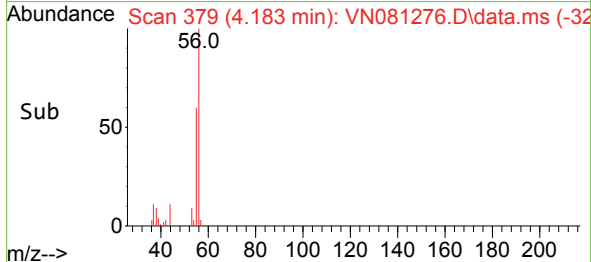
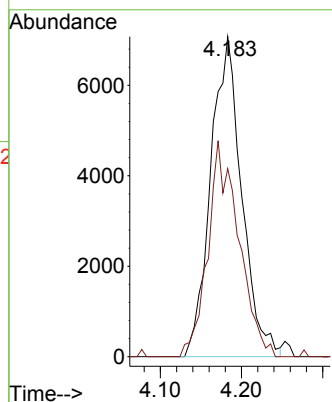
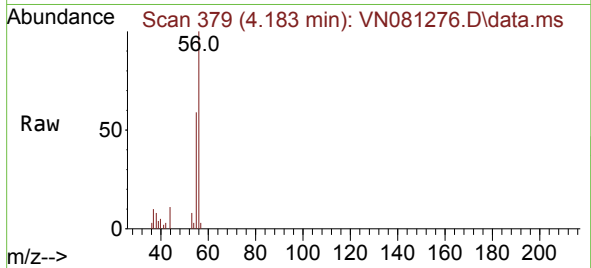




#13
Acrolein
Concen: 65.249 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

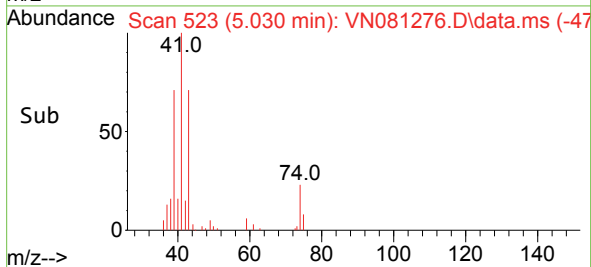
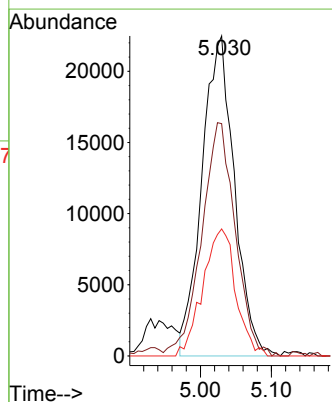
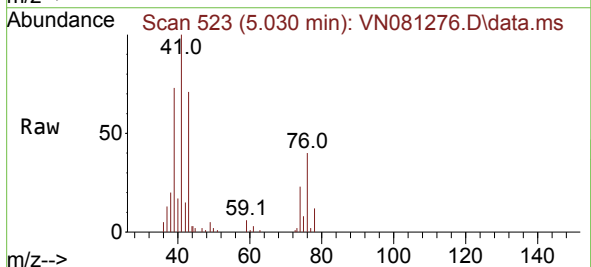
Instrument :
MSVOA_N
ClientSampleId :
VN0301WBS01

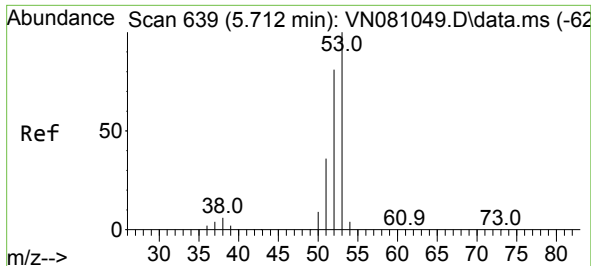
Tgt Ion: 56 Resp: 18796
Ion Ratio Lower Upper
56 100
55 66.9 55.3 82.9



#14
Allyl chloride
Concen: 17.803 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

Tgt Ion: 41 Resp: 71226
Ion Ratio Lower Upper
41 100
39 75.7 57.7 86.5
76 40.3 26.8 40.2#

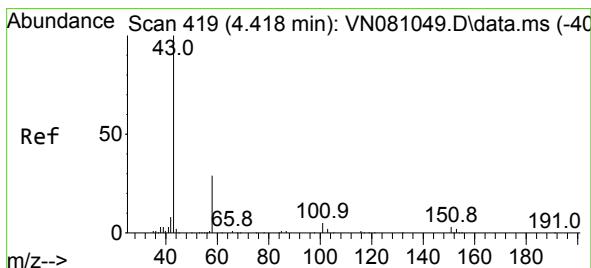
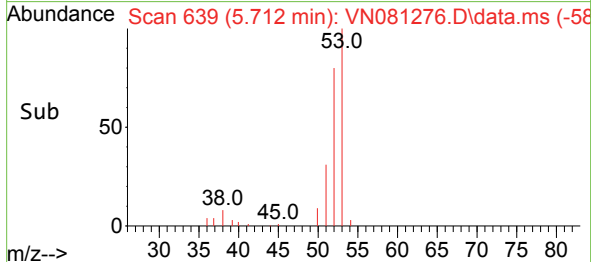
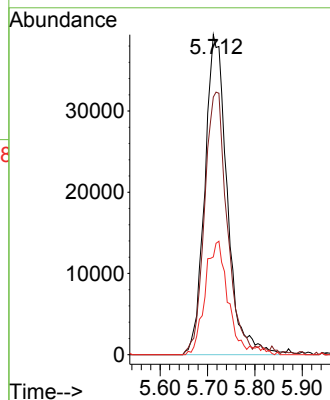
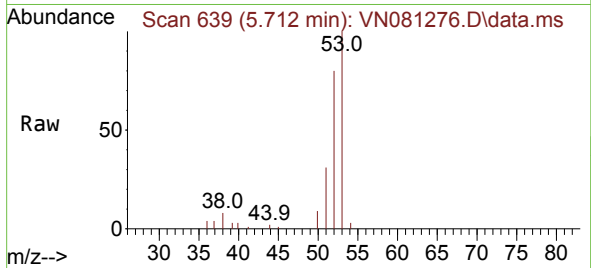




#15
Acrylonitrile
Concen: 92.357 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

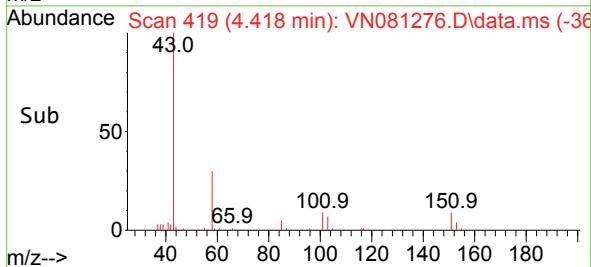
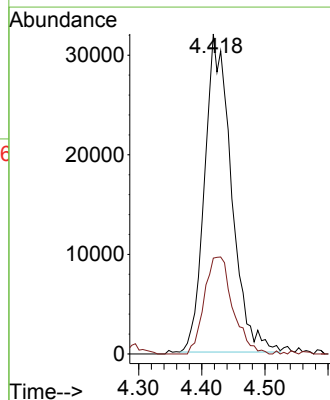
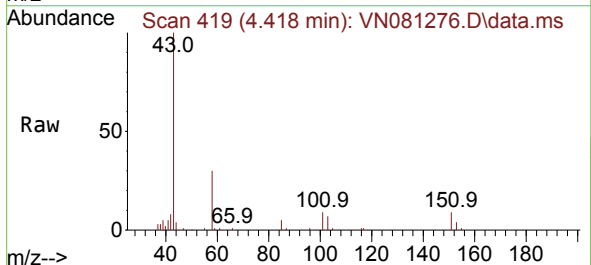
Instrument :
MSVOA_N
ClientSampleId :
VN0301WBS01

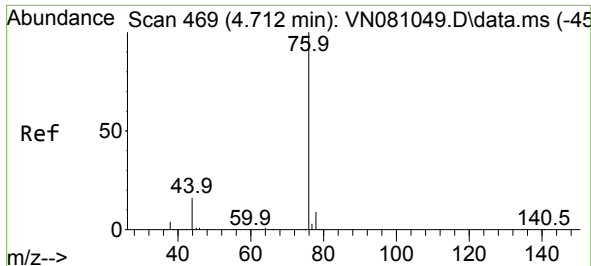
Tgt Ion: 53 Resp: 129639
Ion Ratio Lower Upper
53 100
52 82.3 64.8 97.2
51 35.4 26.9 40.3



#16
Acetone
Concen: 81.711 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

Tgt Ion: 43 Resp: 93963
Ion Ratio Lower Upper
43 100
58 30.1 24.8 37.2

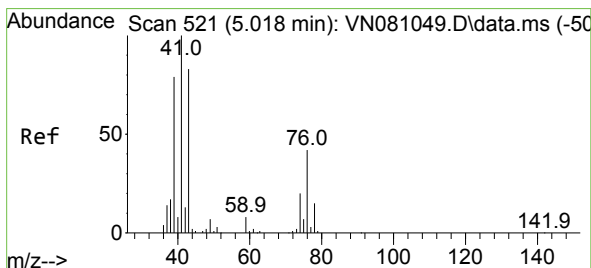
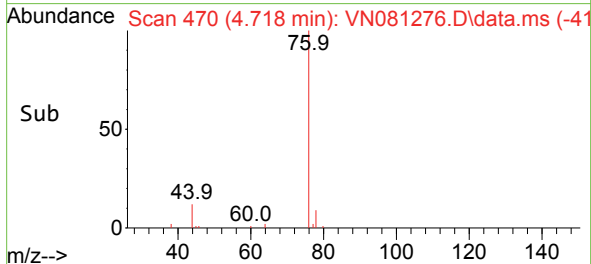
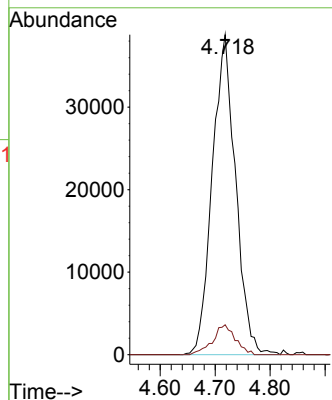
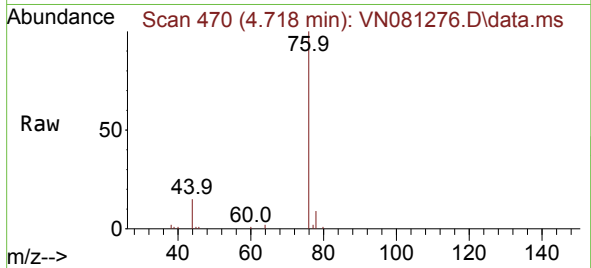




#17
Carbon Disulfide
Concen: 15.189 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

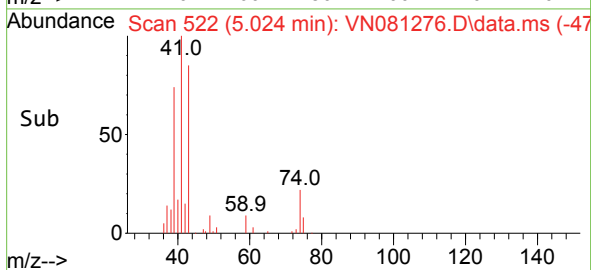
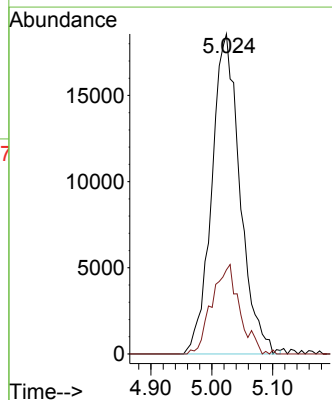
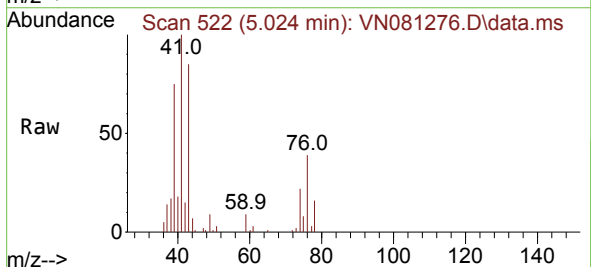
Instrument :
MSVOA_N
ClientSampleId :
VN0301WBS01

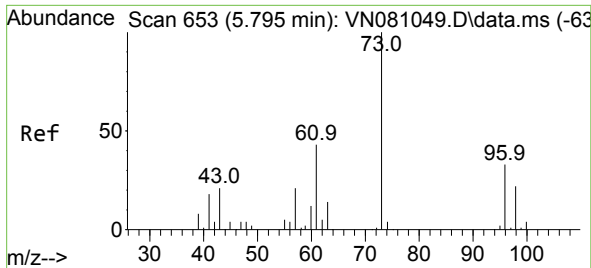
Tgt Ion: 76 Resp: 114229
Ion Ratio Lower Upper
76 100
78 9.3 6.3 9.5



#18
Methyl Acetate
Concen: 21.351 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

Tgt Ion: 43 Resp: 59893
Ion Ratio Lower Upper
43 100
74 27.3 17.3 25.9#

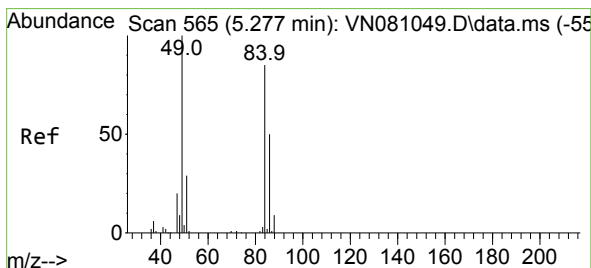
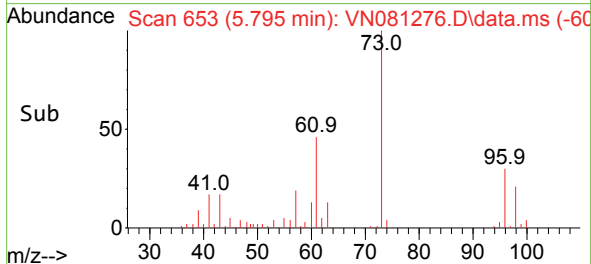
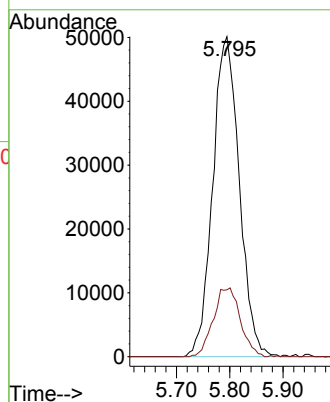
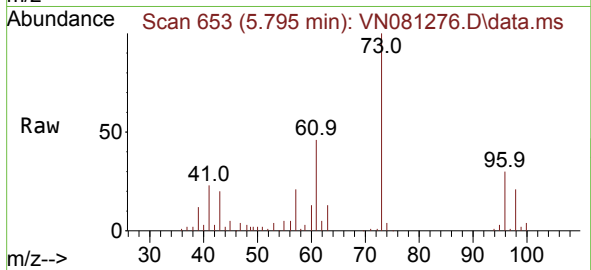




#19
Methyl tert-butyl Ether
Concen: 18.799 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

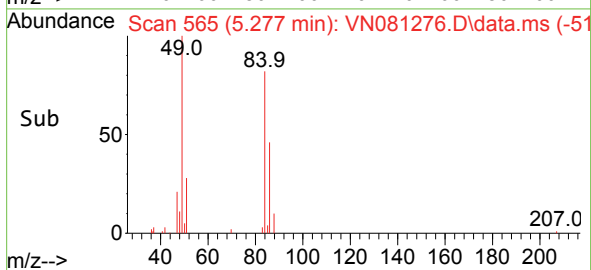
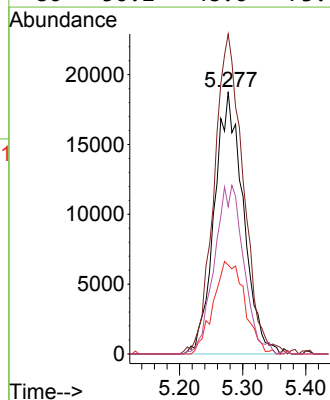
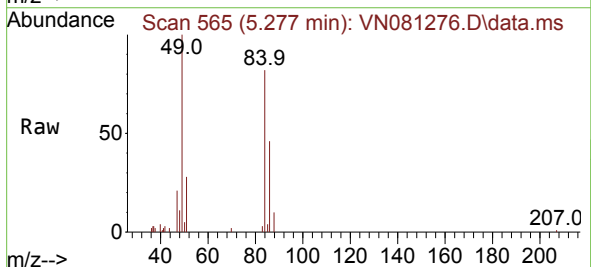
Instrument :
MSVOA_N
ClientSampleId :
VN0301WBS01

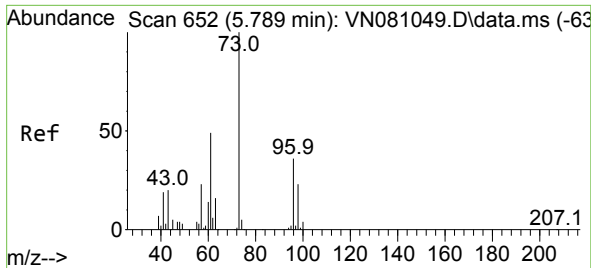
Tgt Ion: 73 Resp: 173605
Ion Ratio Lower Upper
73 100
57 20.9 18.2 27.4



#20
Methylene Chloride
Concen: 19.455 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

Tgt Ion: 84 Resp: 59566
Ion Ratio Lower Upper
84 100
49 122.0 108.1 162.1
51 33.9 32.9 49.3
86 56.2 48.6 73.0

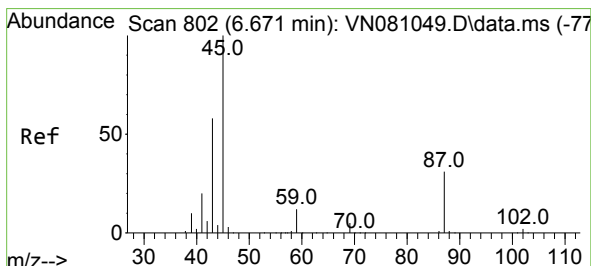
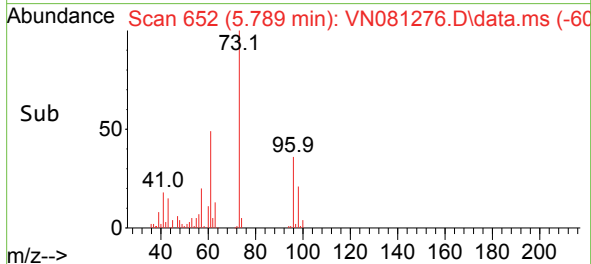
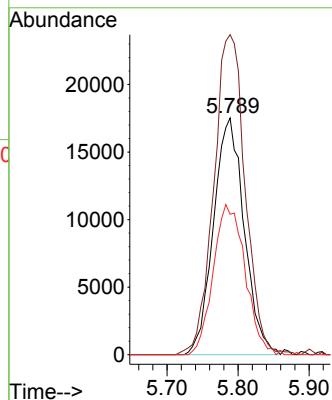
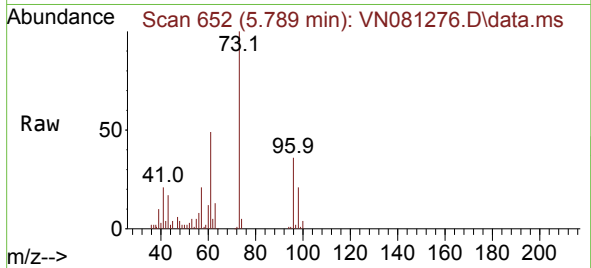




#21
trans-1,2-Dichloroethene
Concen: 17.447 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

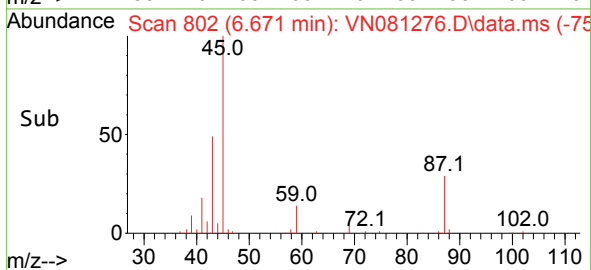
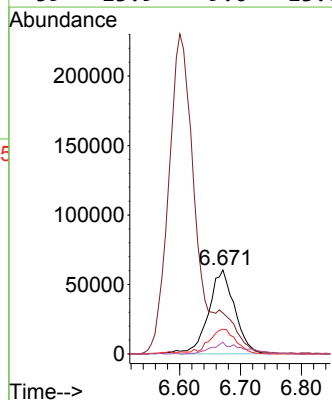
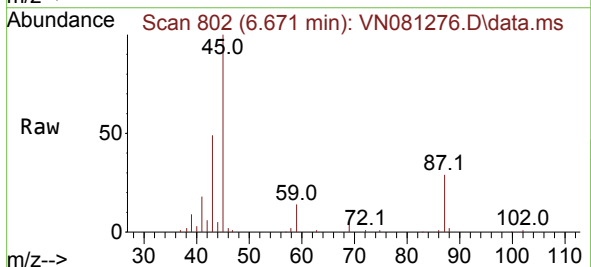
Instrument :
MSVOA_N
ClientSampleId :
VN0301WBS01

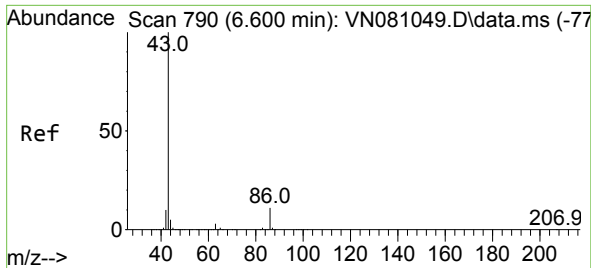
Tgt Ion: 96 Resp: 52486
Ion Ratio Lower Upper
96 100
61 134.2 112.8 169.2
98 59.3 51.0 76.4



#22
Diisopropyl ether
Concen: 19.529 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

Tgt Ion: 45 Resp: 177236
Ion Ratio Lower Upper
45 100
43 47.9 41.8 62.8
87 29.4 18.1 27.1#
59 13.9 9.0 13.6#

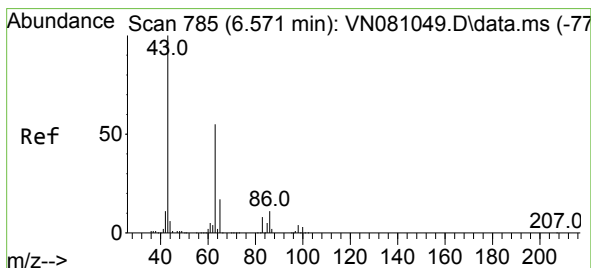
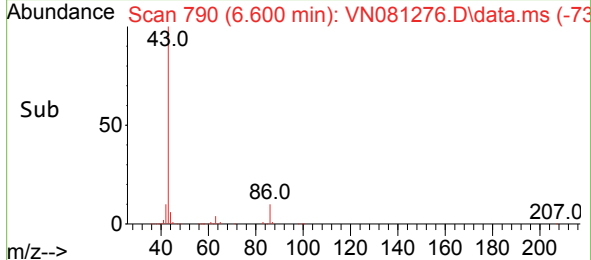
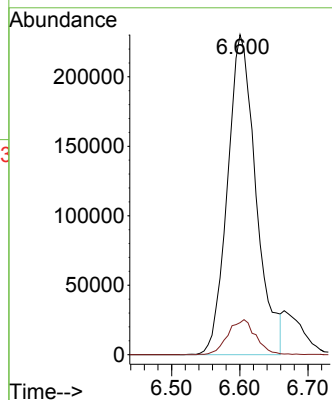
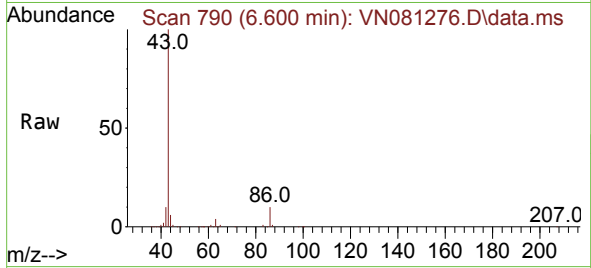




#23
 Vinyl Acetate
 Concen: 90.810 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081276.D
 Acq: 01 Mar 2024 11:23

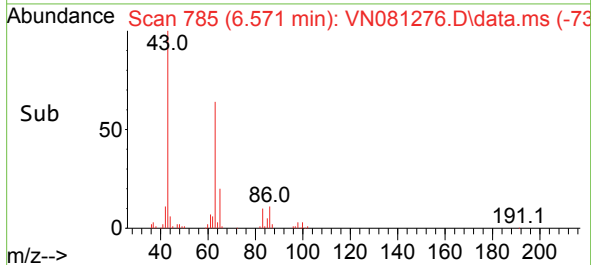
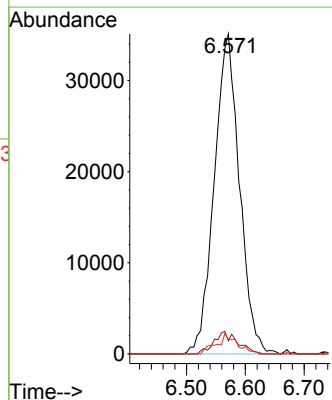
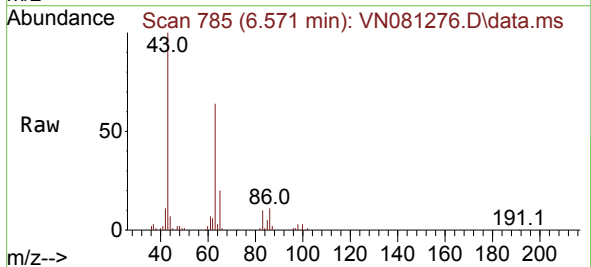
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0301WBS01

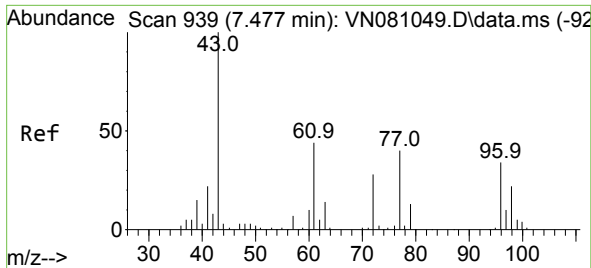
Tgt Ion: 43 Resp: 668653
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 19.942 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN081276.D
 Acq: 01 Mar 2024 11:23

Tgt Ion: 63 Resp: 104646
 Ion Ratio Lower Upper
 63 100
 98 4.1 2.9 8.6
 100 4.7 1.9 5.7

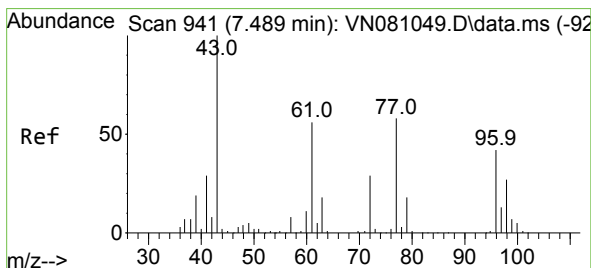
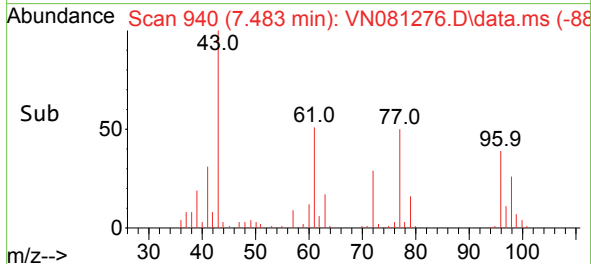
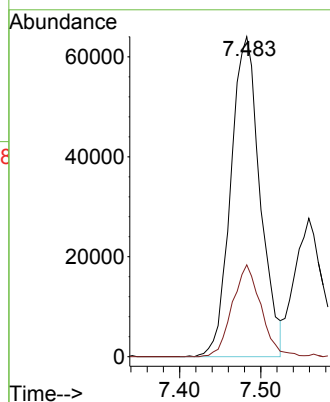
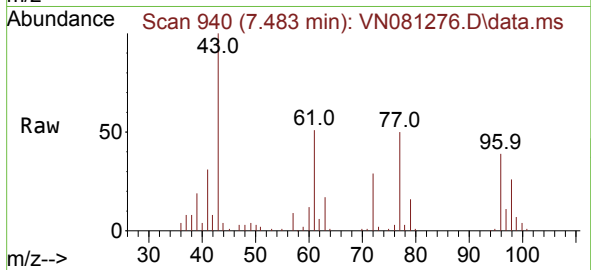




#25
2-Butanone
Concen: 86.428 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

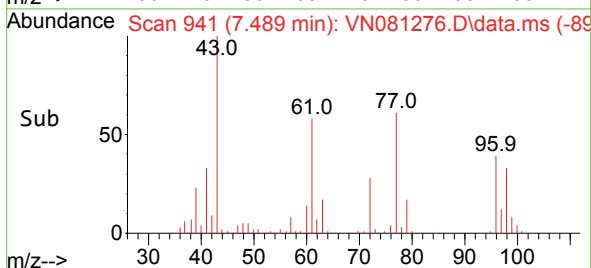
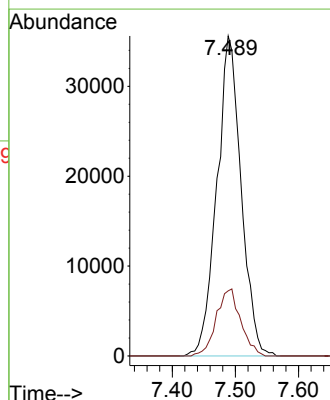
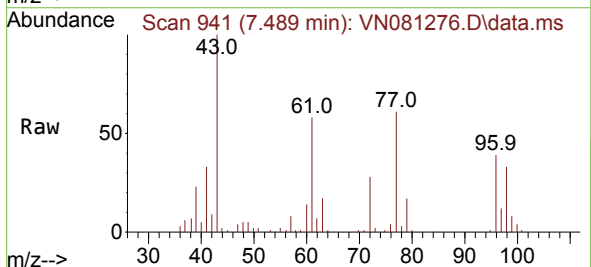
Instrument :
MSVOA_N
ClientSampleId :
VN0301WBS01

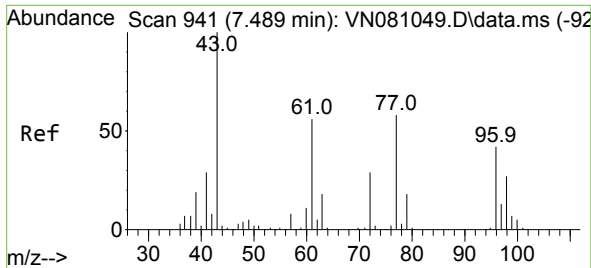
Tgt Ion: 43 Resp: 160562
Ion Ratio Lower Upper
43 100
72 28.7 19.5 29.3



#26
2,2-Dichloropropane
Concen: 19.321 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

Tgt Ion: 77 Resp: 94997
Ion Ratio Lower Upper
77 100
97 21.1 11.5 34.5

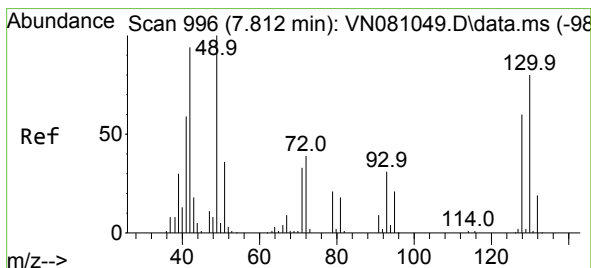
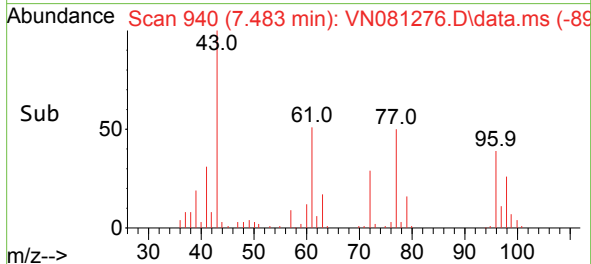
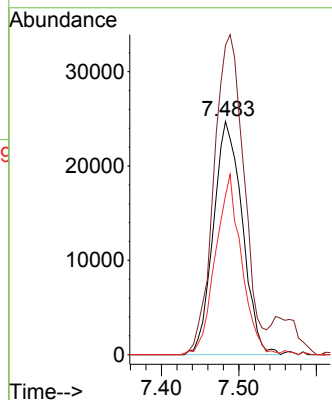
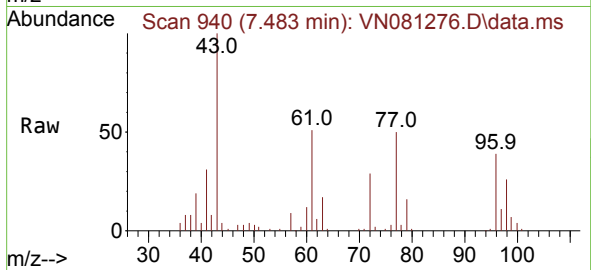




#27
 cis-1,2-Dichloroethene
 Concen: 18.336 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN081276.D
 Acq: 01 Mar 2024 11:23

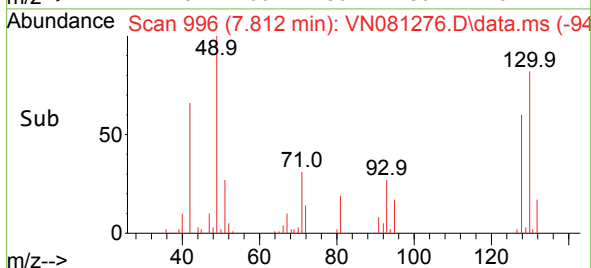
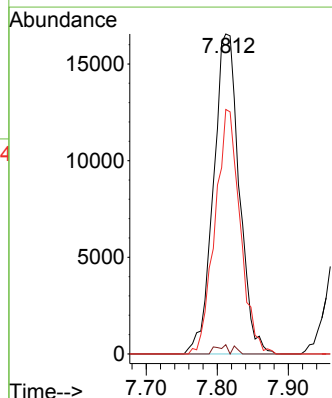
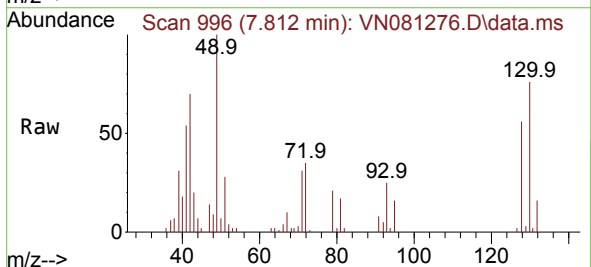
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0301WBS01

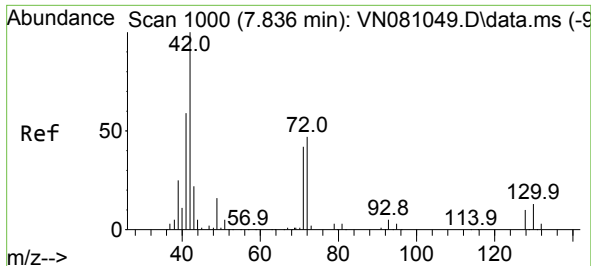
Tgt Ion: 96 Resp: 64087
 Ion Ratio Lower Upper
 96 100
 61 143.3 0.0 325.4
 98 69.8 0.0 130.4



#28
 Bromochloromethane
 Concen: 19.169 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN081276.D
 Acq: 01 Mar 2024 11:23

Tgt Ion: 49 Resp: 41701
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 1.6
 130 74.4 42.3 63.5#

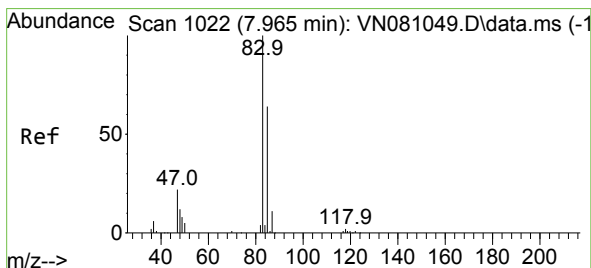
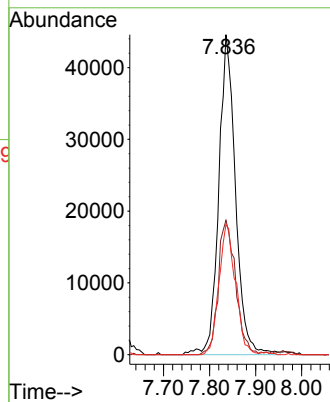
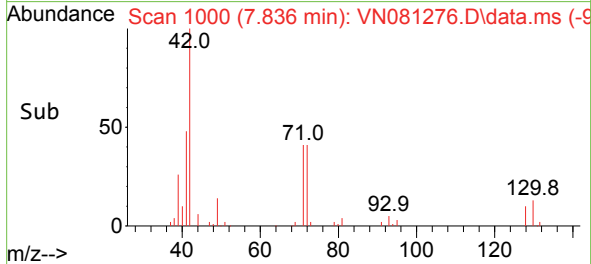
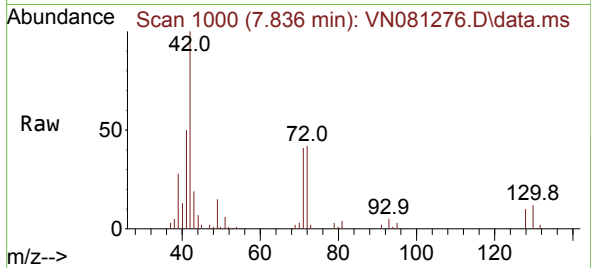




#29
Tetrahydrofuran
Concen: 90.475 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

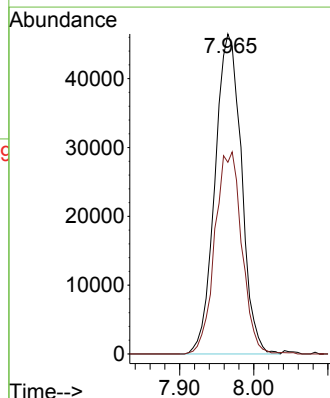
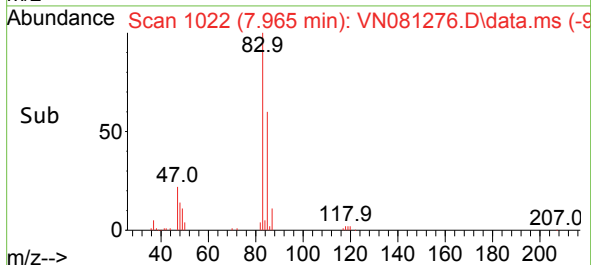
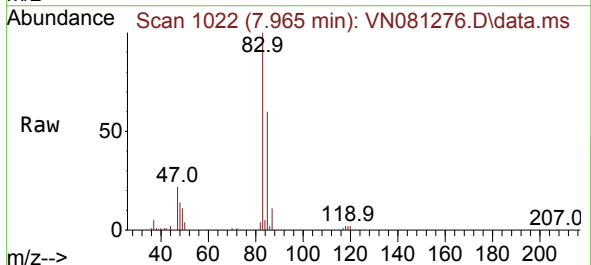
Instrument :
MSVOA_N
ClientSampleId :
VN0301WBS01

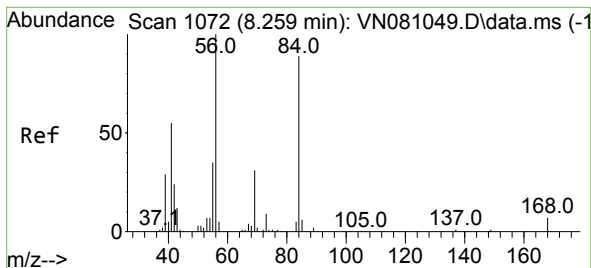
Tgt Ion: 42 Resp: 112202
Ion Ratio Lower Upper
42 100
72 43.6 31.1 46.7
71 40.6 28.3 42.5



#30
Chloroform
Concen: 20.669 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

Tgt Ion: 83 Resp: 115301
Ion Ratio Lower Upper
83 100
85 59.9 51.0 76.6





#31

Cyclohexane

Concen: 16.770 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN081276.D

Acq: 01 Mar 2024 11:23

Instrument :

MSVOA_N

ClientSampleId :

VN0301WBS01

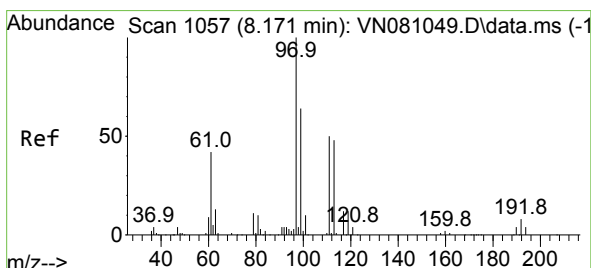
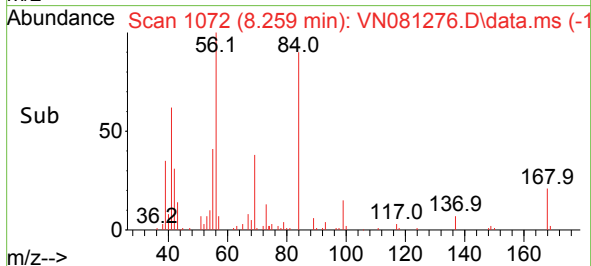
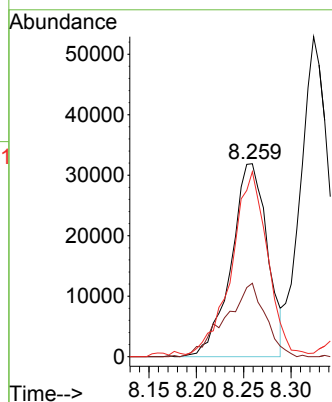
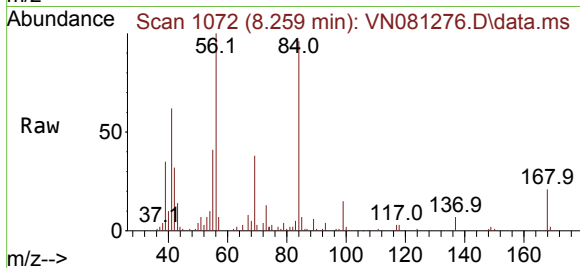
Tgt Ion: 56 Resp: 84624

Ion Ratio Lower Upper

56 100

69 38.0 20.1 30.1#

84 94.1 56.9 85.3#



#32

1,1,1-Trichloroethane

Concen: 19.387 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN081276.D

Acq: 01 Mar 2024 11:23

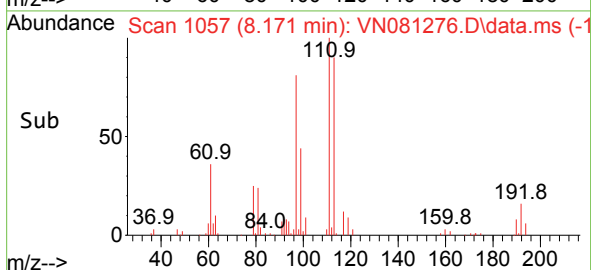
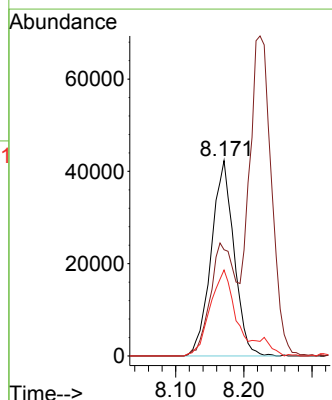
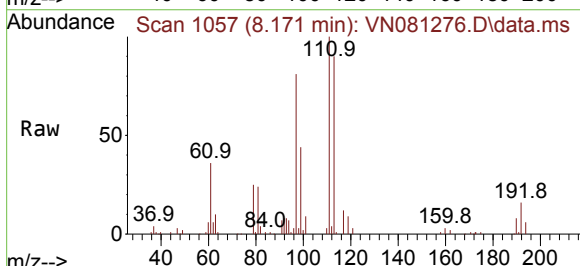
Tgt Ion: 97 Resp: 98495

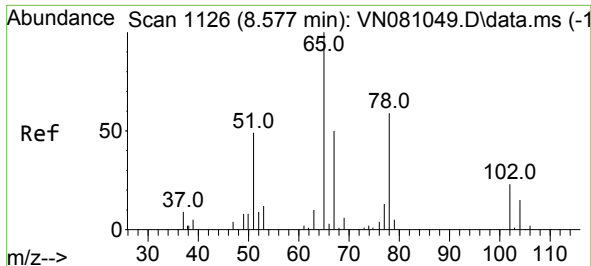
Ion Ratio Lower Upper

97 100

99 64.7 53.4 80.0

61 49.9 43.8 65.8

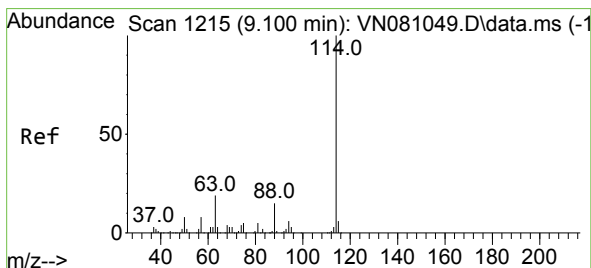
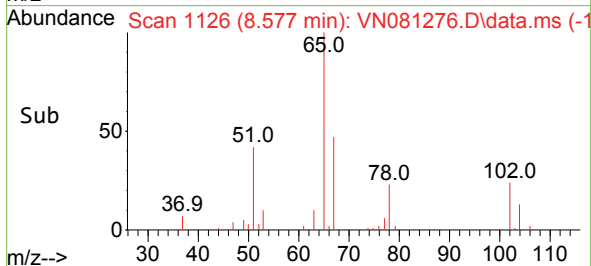
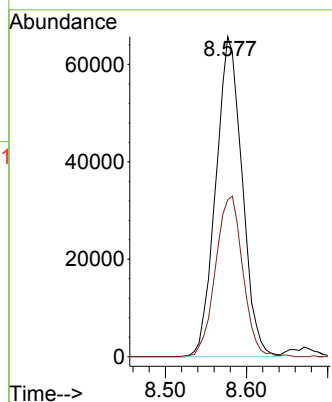
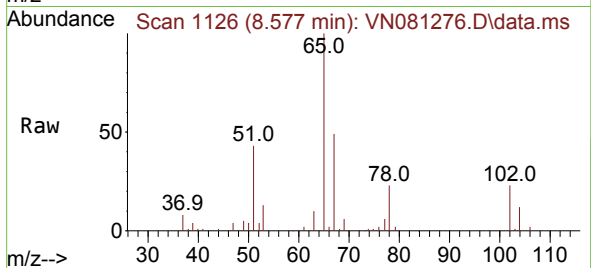




#33
 1,2-Dichloroethane-d4
 Concen: 50.739 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN081276.D
 Acq: 01 Mar 2024 11:23

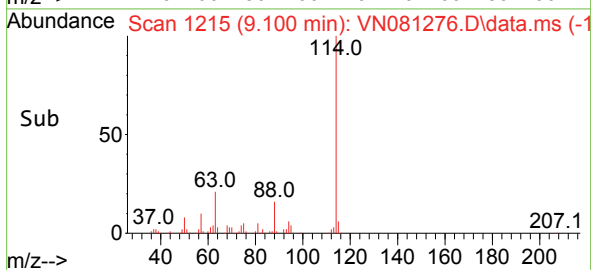
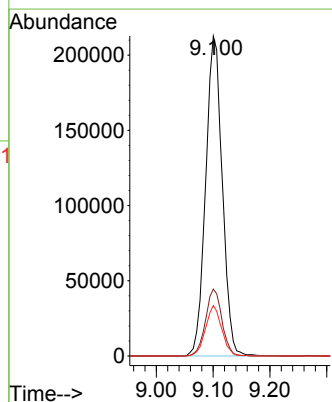
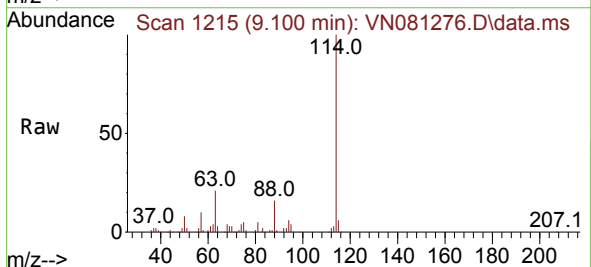
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0301WBS01

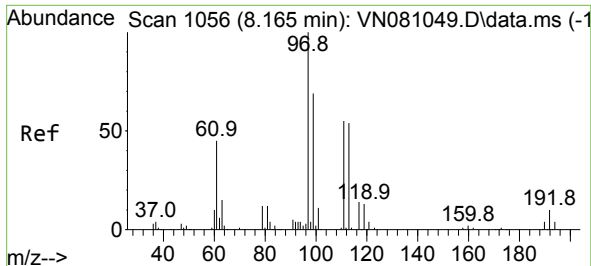
Tgt Ion: 65 Resp: 148284
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN081276.D
 Acq: 01 Mar 2024 11:23

Tgt Ion: 114 Resp: 431280
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 48.0
 88 15.7 0.0 34.8

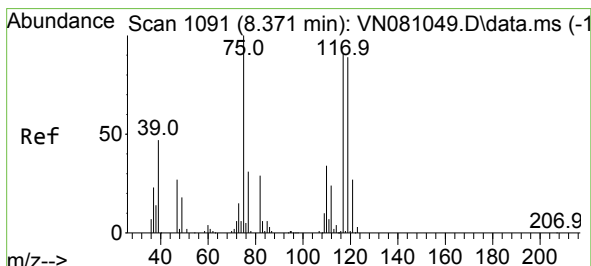
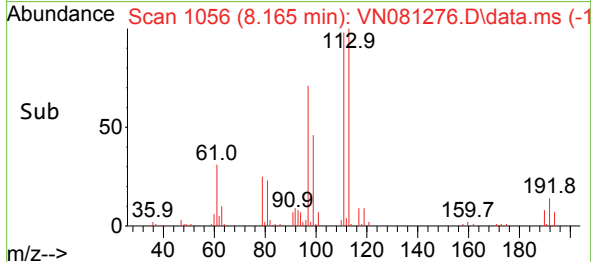
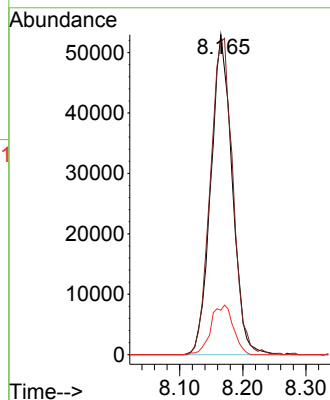
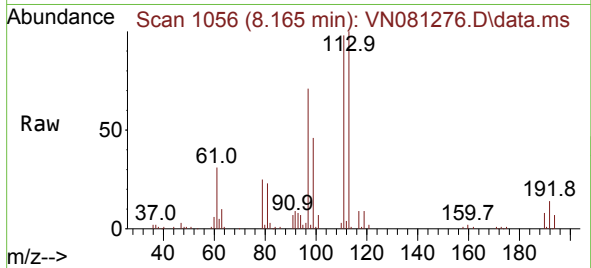




#35
Dibromofluoromethane
Concen: 51.083 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

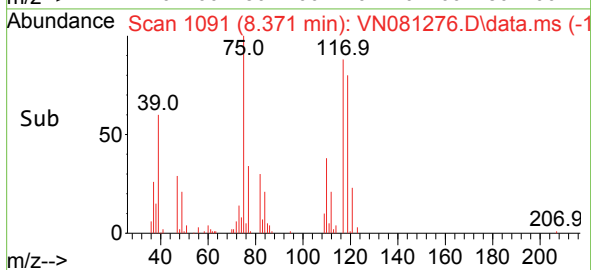
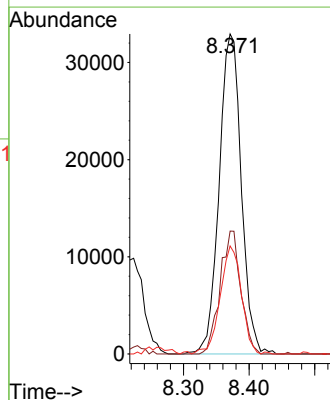
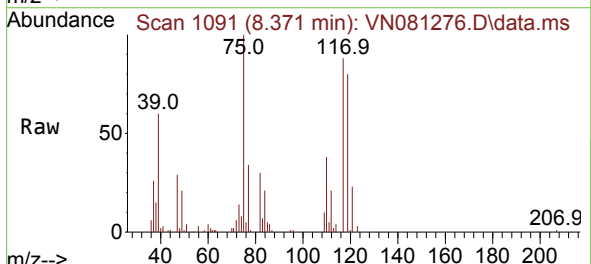
Instrument :
MSVOA_N
ClientSampleId :
VN0301WBS01

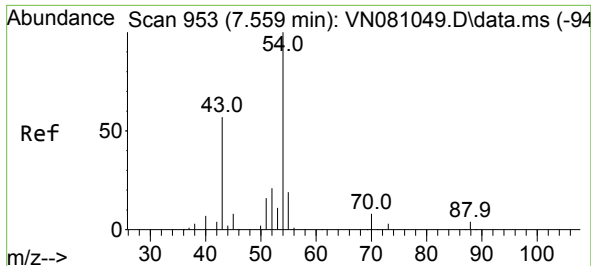
Tgt Ion:113 Resp: 124580
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.4
192 16.2 12.5 18.7



#36
1,1-Dichloropropene
Concen: 18.426 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

Tgt Ion: 75 Resp: 76984
Ion Ratio Lower Upper
75 100
110 36.1 16.0 48.0
77 32.3 25.8 38.6





#37

Ethyl Acetate

Concen: 17.585 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN081276.D

Acq: 01 Mar 2024 11:23

Instrument :

MSVOA_N

ClientSampleId :

VN0301WBS01

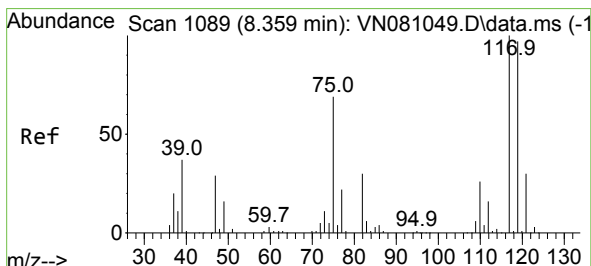
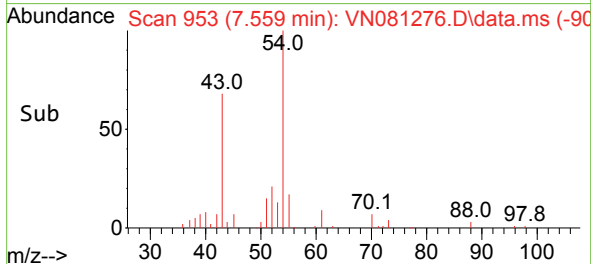
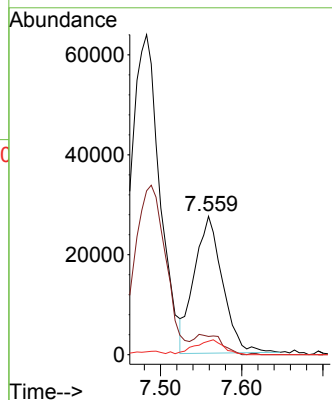
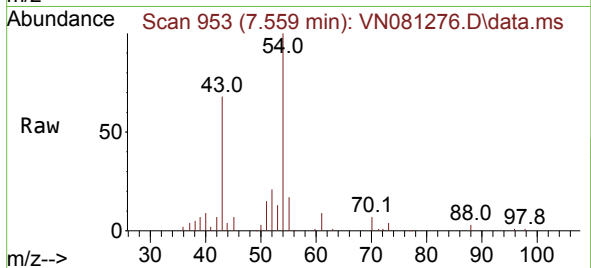
Tgt Ion: 43 Resp: 66311

Ion Ratio Lower Upper

43 100

61 14.1 10.6 15.8

70 11.0 8.0 12.0



#38

Carbon Tetrachloride

Concen: 19.531 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VN081276.D

Acq: 01 Mar 2024 11:23

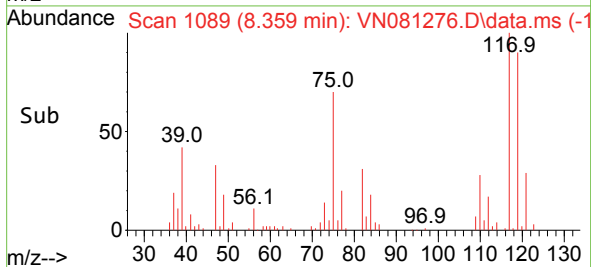
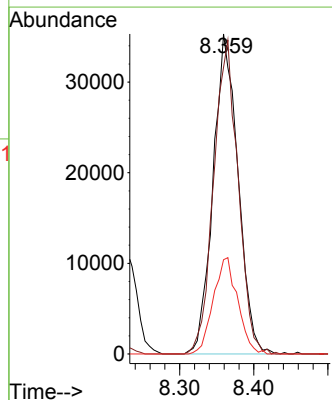
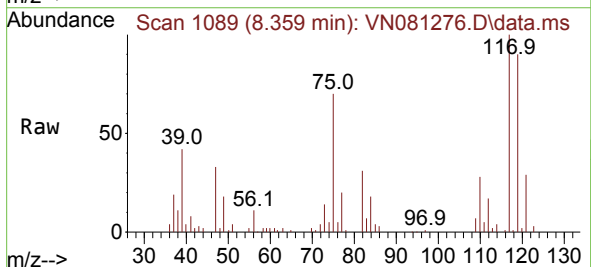
Tgt Ion: 117 Resp: 82559

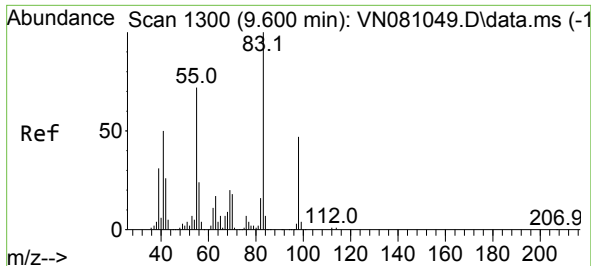
Ion Ratio Lower Upper

117 100

119 89.6 73.4 110.2

121 29.4 24.4 36.6





#39

Methylcyclohexane

Concen: 17.585 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN081276.D

Acq: 01 Mar 2024 11:23

Instrument :

MSVOA_N

ClientSampleId :

VN0301WBS01

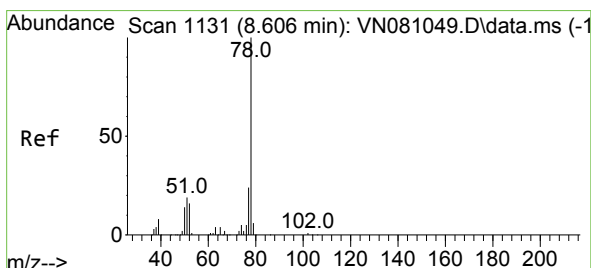
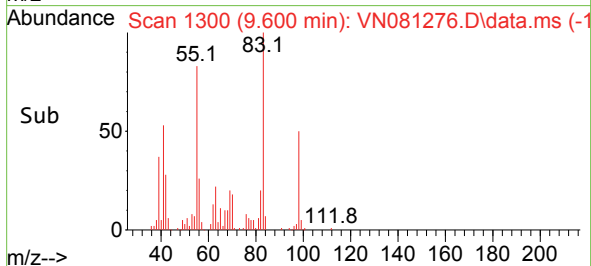
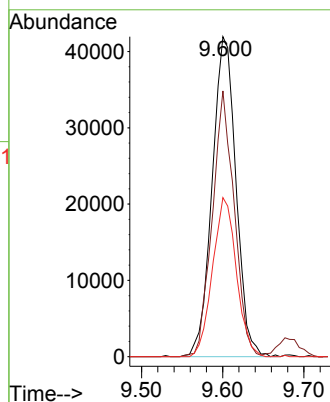
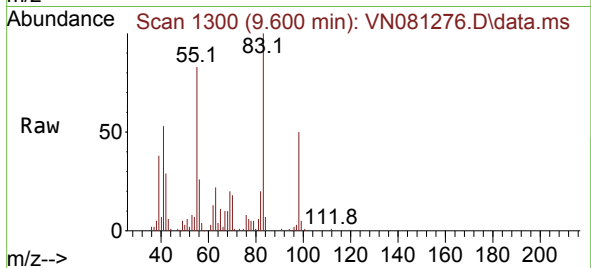
Tgt Ion: 83 Resp: 85646

Ion Ratio Lower Upper

83 100

55 83.0 65.7 98.5

98 49.7 33.8 50.6



#40

Benzene

Concen: 20.185 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN081276.D

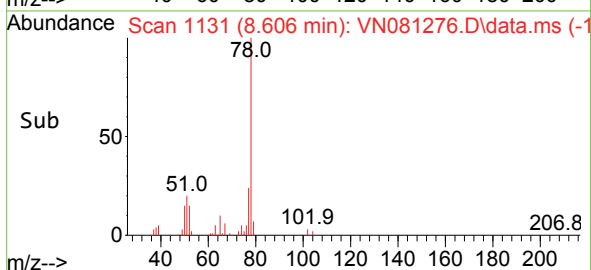
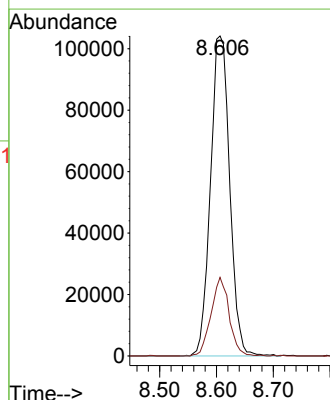
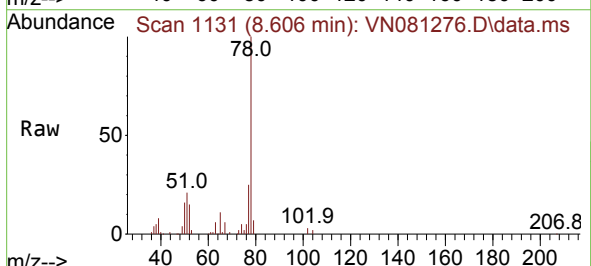
Acq: 01 Mar 2024 11:23

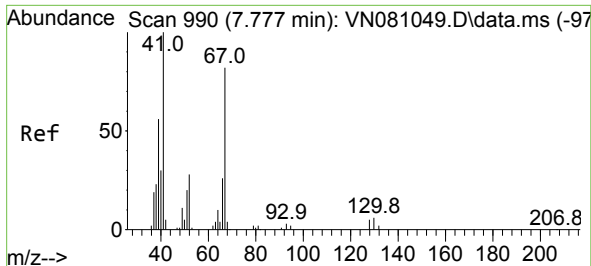
Tgt Ion: 78 Resp: 244111

Ion Ratio Lower Upper

78 100

77 24.5 20.4 30.6

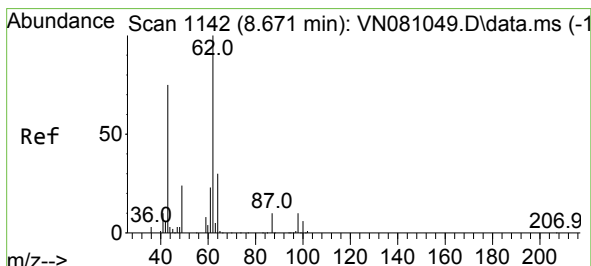
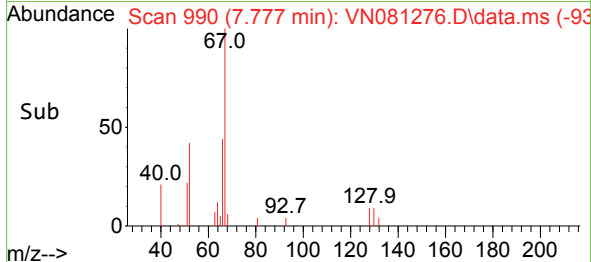
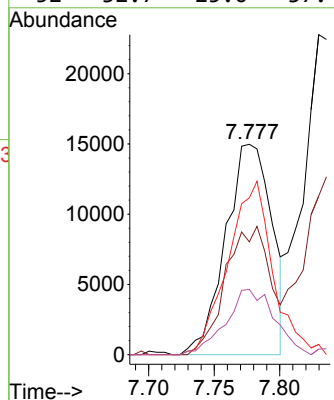
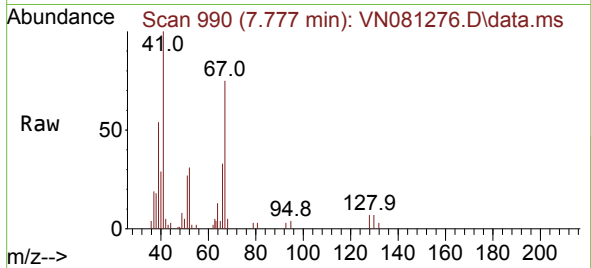




#41
Methacrylonitrile
Concen: 17.099 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

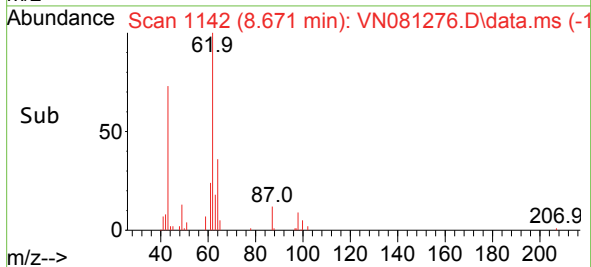
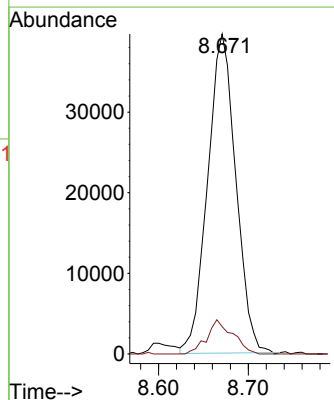
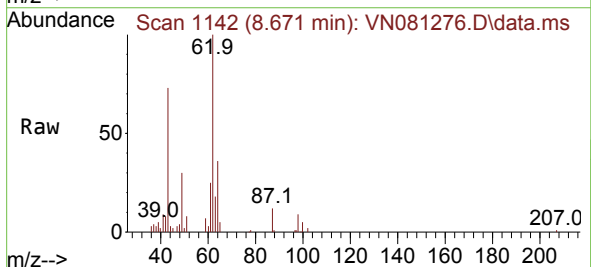
Instrument :
MSVOA_N
ClientSampleId :
VN0301WBS01

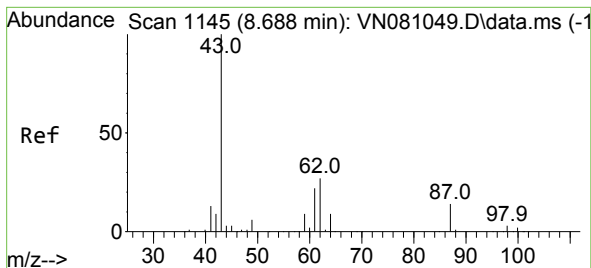
Tgt Ion:	41	Resp:	36695
Ion	Ratio	Lower	Upper
41	100		
39	59.2	48.4	72.6
67	80.2	56.8	85.2
52	32.7	25.0	37.4



#42
1,2-Dichloroethane
Concen: 20.451 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

Tgt Ion:	62	Resp:	86289
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	18.0





#43

Isopropyl Acetate

Concen: 18.403 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN081276.D

Acq: 01 Mar 2024 11:23

Instrument :

MSVOA_N

ClientSampleId :

VN0301WBS01

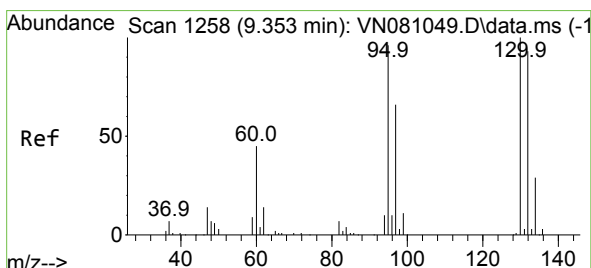
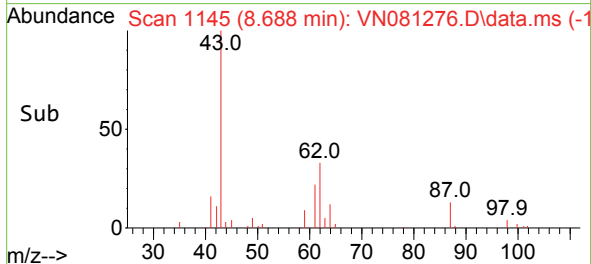
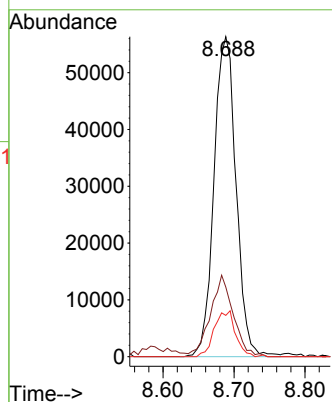
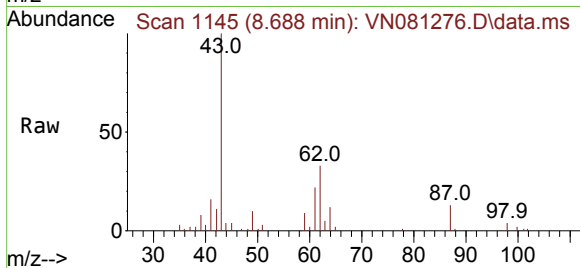
Tgt Ion: 43 Resp: 121362

Ion Ratio Lower Upper

43 100

61 26.5 19.9 29.9

87 13.8 9.0 13.6#



#44

Trichloroethene

Concen: 18.824 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VN081276.D

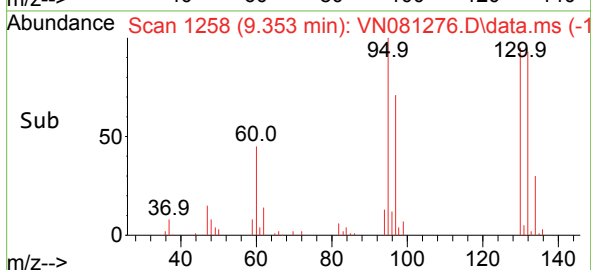
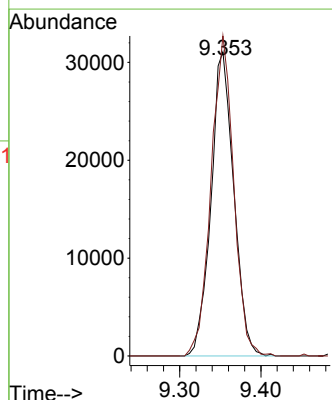
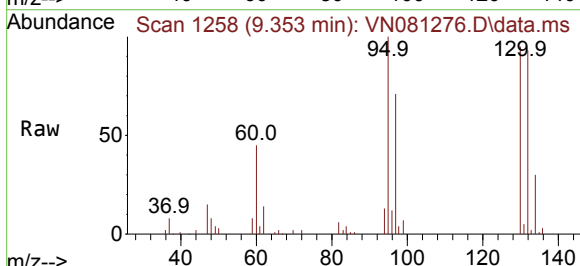
Acq: 01 Mar 2024 11:23

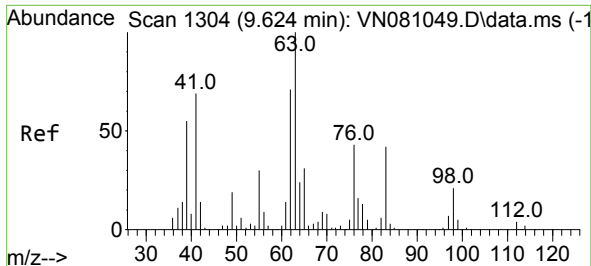
Tgt Ion:130 Resp: 60634

Ion Ratio Lower Upper

130 100

95 105.2 0.0 210.4

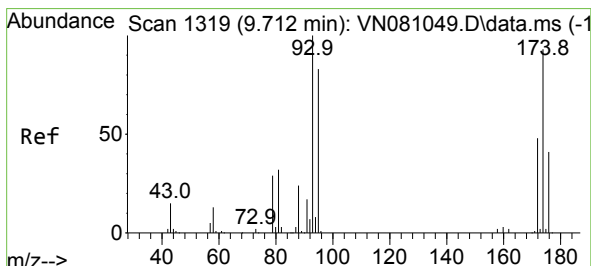
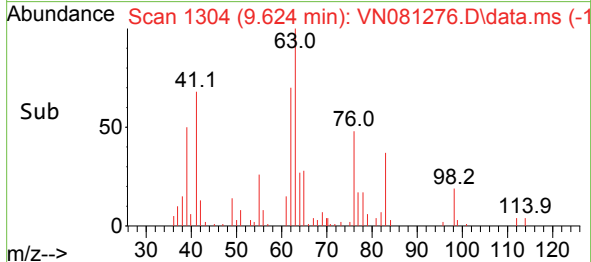
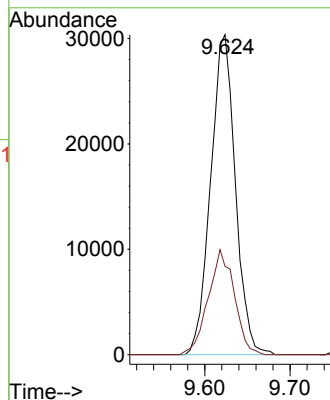
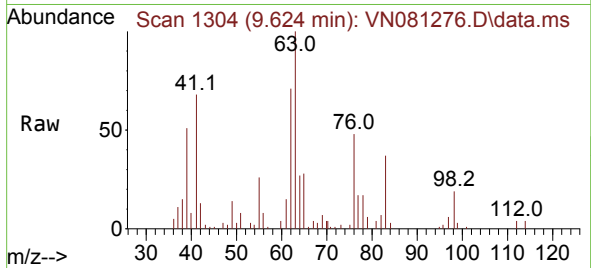




#45
1,2-Dichloropropane
Concen: 20.217 ug/l
RT: 9.624 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

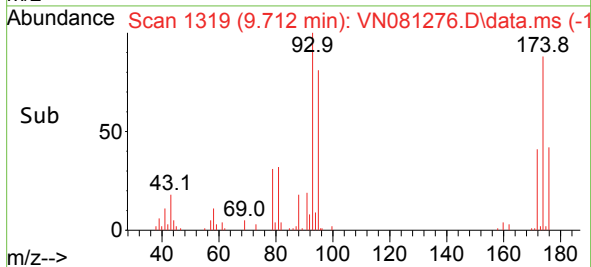
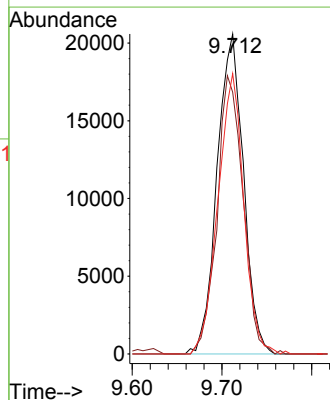
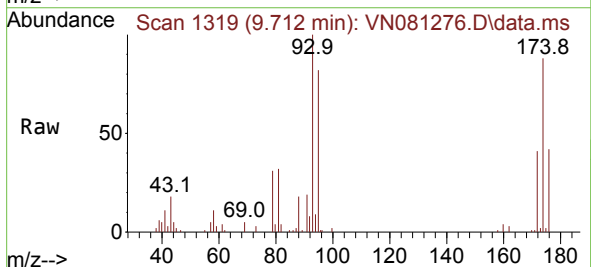
Instrument :
MSVOA_N
ClientSampleId :
VN0301WBS01

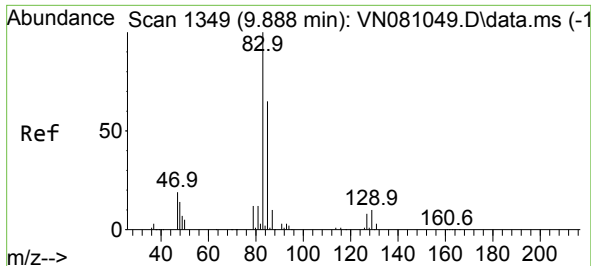
Tgt Ion: 63 Resp: 61158
Ion Ratio Lower Upper
63 100
65 27.6 26.1 39.1



#46
Dibromomethane
Concen: 19.039 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

Tgt Ion: 93 Resp: 41964
Ion Ratio Lower Upper
93 100
95 85.9 68.1 102.1
174 86.2 57.2 85.8#

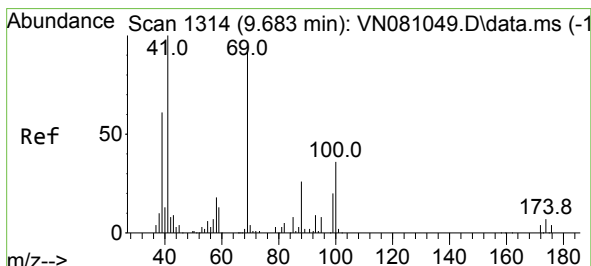
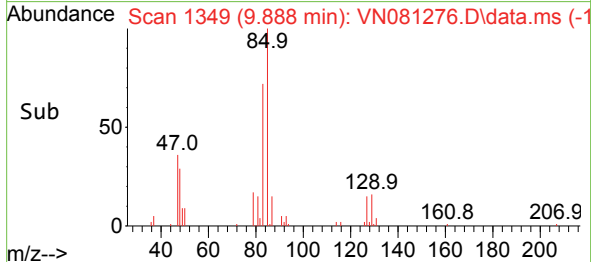
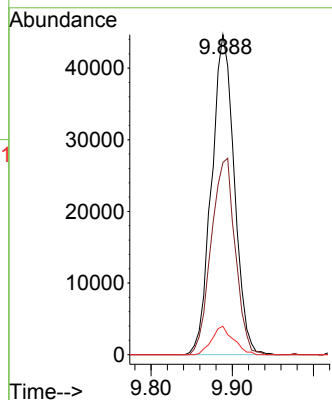
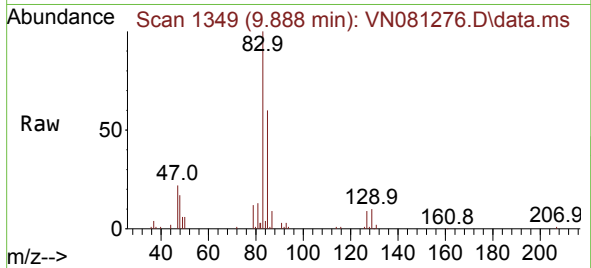




#47
Bromodichloromethane
Concen: 20.819 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

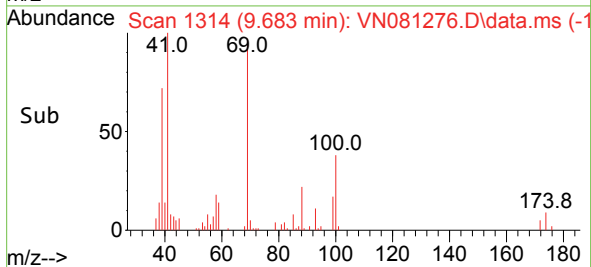
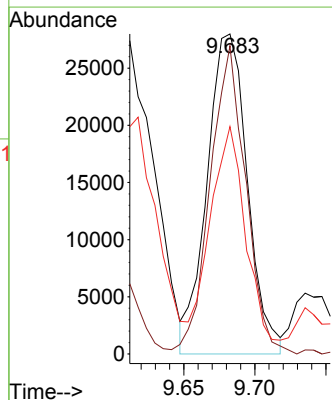
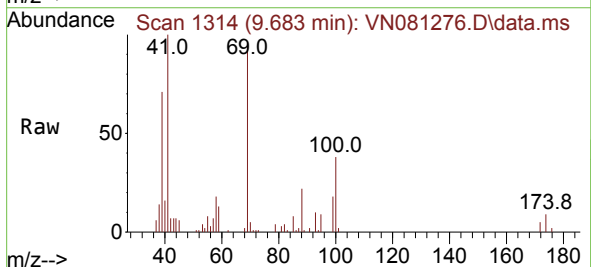
Instrument :
MSVOA_N
ClientSampleId :
VN0301WBS01

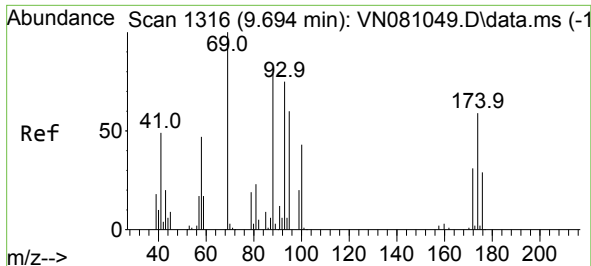
Tgt Ion: 83 Resp: 86908
Ion Ratio Lower Upper
83 100
85 60.0 52.3 78.5
127 8.9 4.6 7.0#



#48
Methyl methacrylate
Concen: 18.050 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

Tgt Ion: 41 Resp: 55389
Ion Ratio Lower Upper
41 100
69 84.8 62.2 93.2
39 64.2 47.6 71.4





#49

1,4-Dioxane

Concen: 342.627 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN081276.D

Acq: 01 Mar 2024 11:23

Instrument :

MSVOA_N

ClientSampleId :

VN0301WBS01

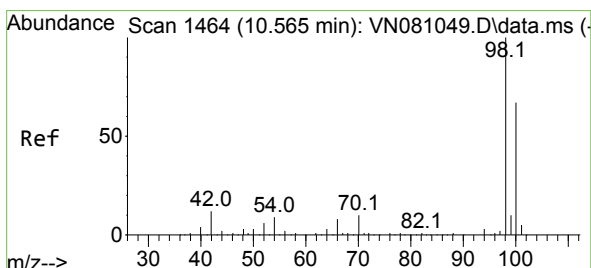
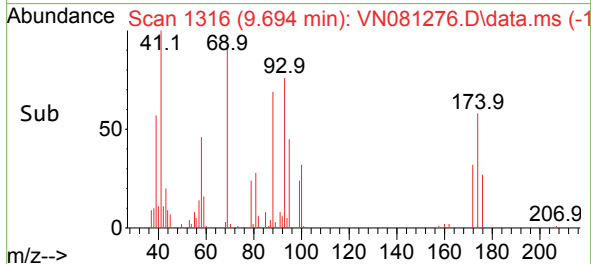
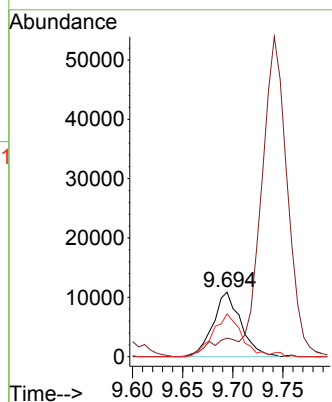
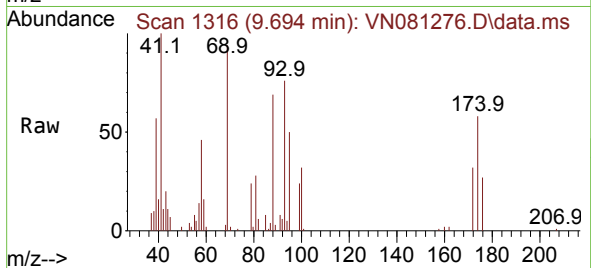
Tgt Ion: 88 Resp: 20830

Ion Ratio Lower Upper

88 100

43 31.4 30.1 45.1

58 71.2 63.9 95.9



#50

Toluene-d8

Concen: 45.769 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN081276.D

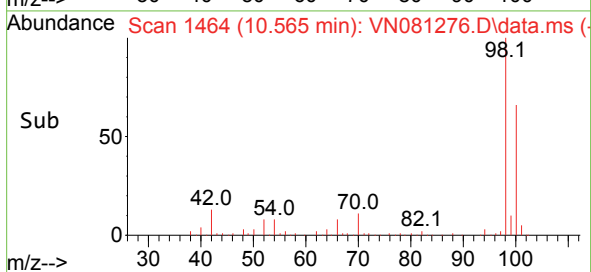
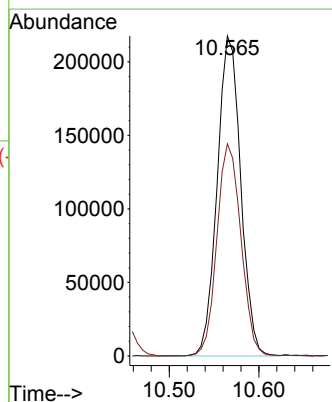
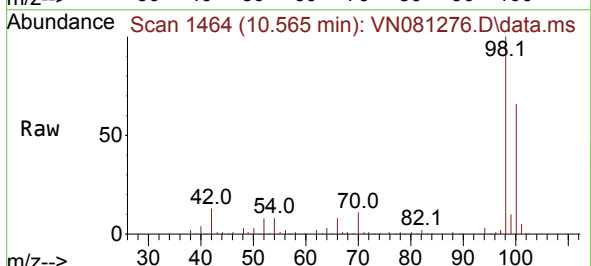
Acq: 01 Mar 2024 11:23

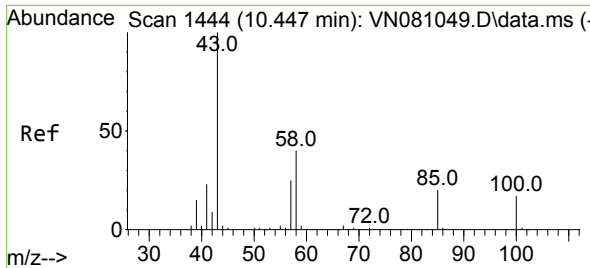
Tgt Ion: 98 Resp: 396443

Ion Ratio Lower Upper

98 100

100 67.8 51.4 77.0

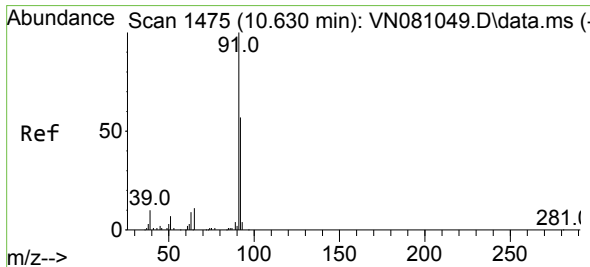
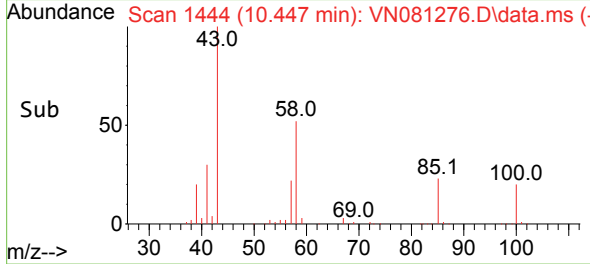
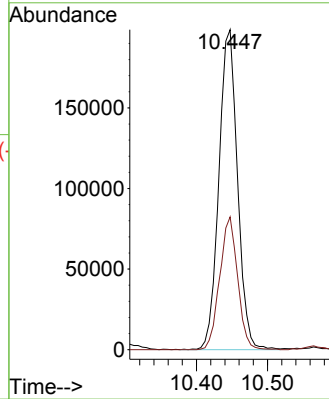
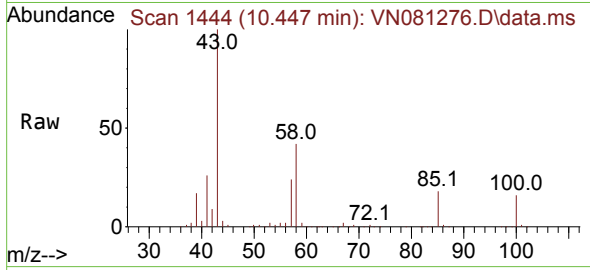




#51
4-Methyl-2-Pentanone
Concen: 94.978 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

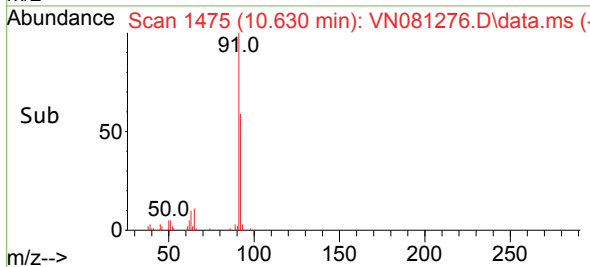
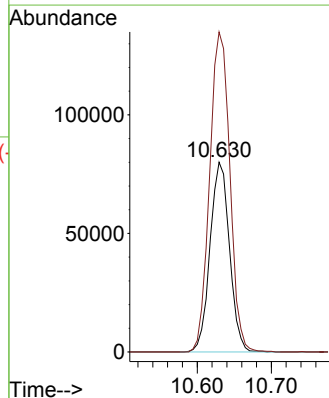
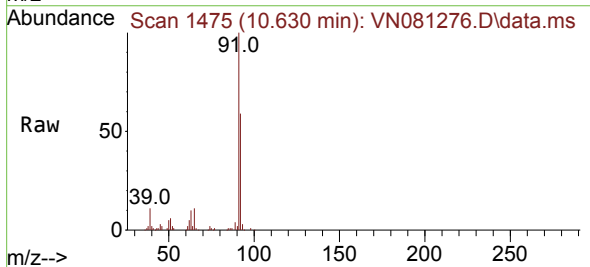
Instrument :
MSVOA_N
ClientSampleId :
VN0301WBS01

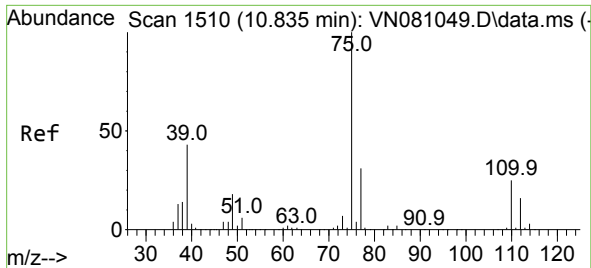
Tgt Ion: 43 Resp: 360319
Ion Ratio Lower Upper
43 100
58 39.9 29.4 44.0



#52
Toluene
Concen: 19.051 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

Tgt Ion: 92 Resp: 145858
Ion Ratio Lower Upper
92 100
91 175.2 139.4 209.0

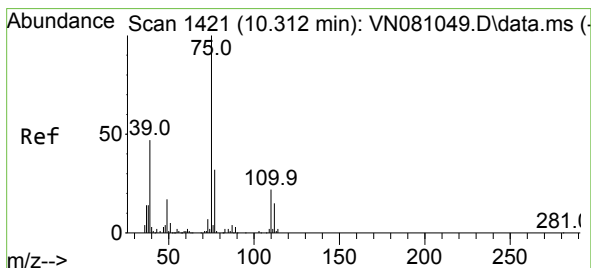
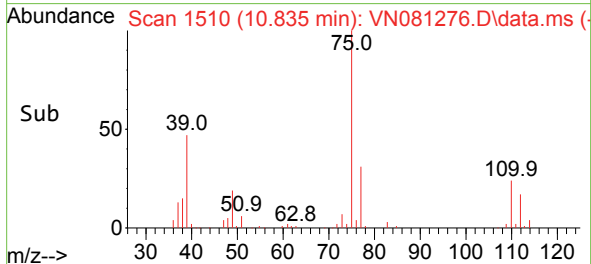
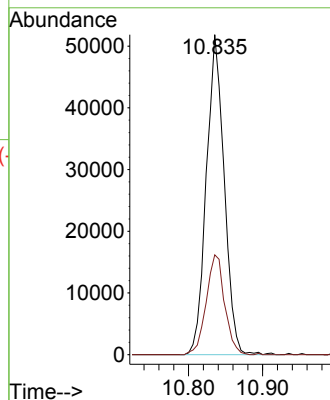
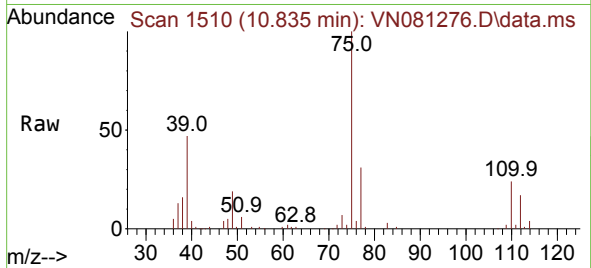




#53
 t-1,3-Dichloropropene
 Concen: 18.705 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN081276.D
 Acq: 01 Mar 2024 11:23

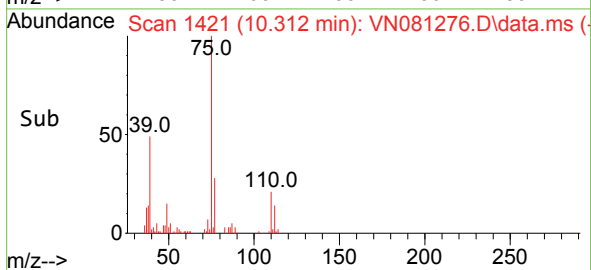
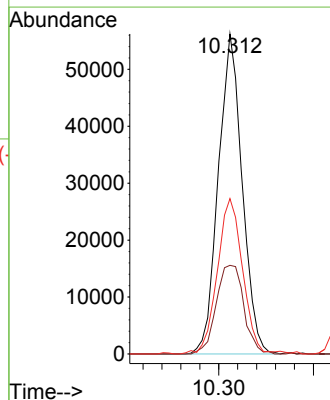
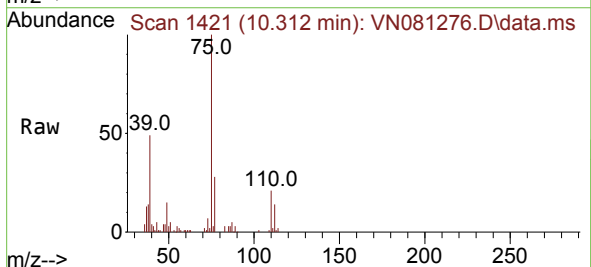
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0301WBS01

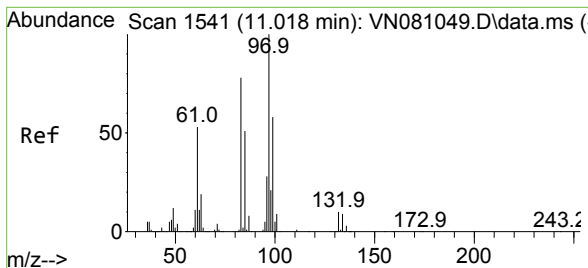
Tgt Ion: 75 Resp: 86774
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 19.616 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN081276.D
 Acq: 01 Mar 2024 11:23

Tgt Ion: 75 Resp: 98317
 Ion Ratio Lower Upper
 75 100
 77 27.7 23.3 34.9
 39 48.5 44.6 66.8

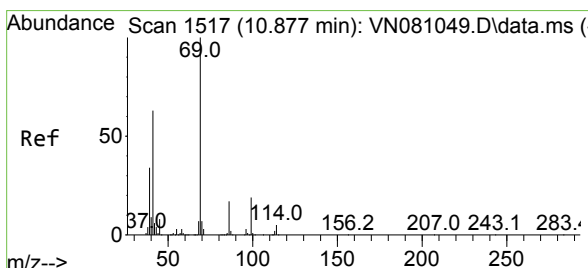
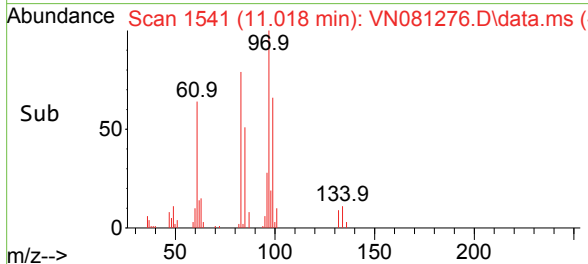
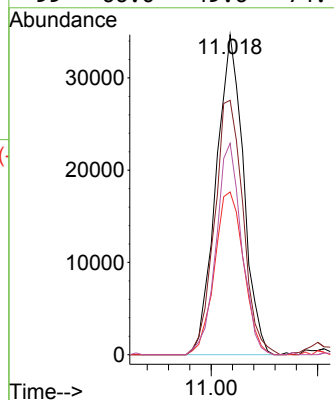
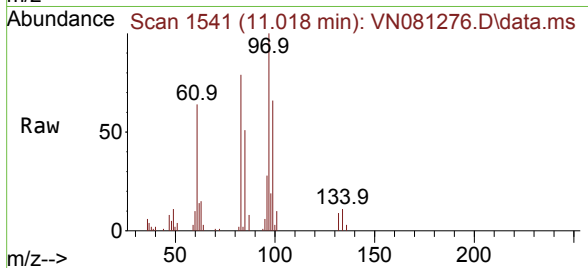




#55
 1,1,2-Trichloroethane
 Concen: 20.981 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN081276.D
 Acq: 01 Mar 2024 11:23

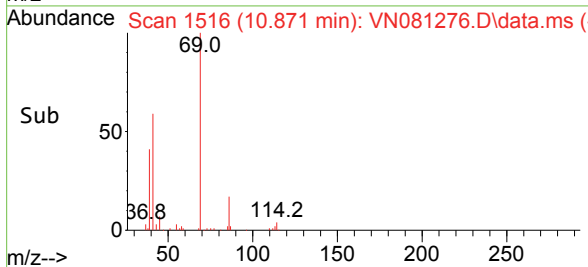
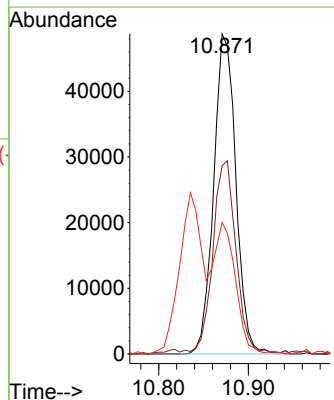
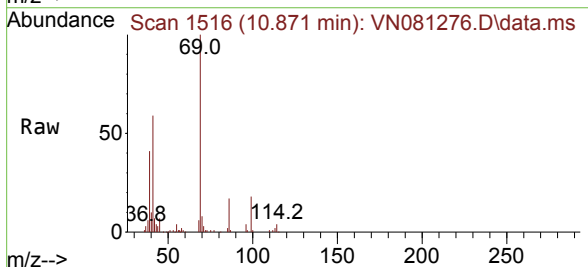
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0301WBS01

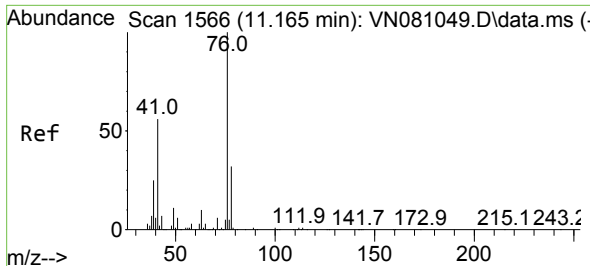
Tgt Ion: 97	Resp: 61782
Ion Ratio	Lower Upper
97 100	
83 79.5	72.9 109.3
85 50.9	50.2 75.2
99 66.0	49.6 74.4



#56
 Ethyl methacrylate
 Concen: 18.618 ug/l
 RT: 10.871 min Scan# 1516
 Delta R.T. -0.006 min
 Lab File: VN081276.D
 Acq: 01 Mar 2024 11:23

Tgt Ion: 69	Resp: 83790
Ion Ratio	Lower Upper
69 100	
41 63.4	61.0 91.6
39 41.6	31.8 47.6





#57

1,3-Dichloropropane

Concen: 20.505 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN081276.D

Acq: 01 Mar 2024 11:23

Instrument :

MSVOA_N

ClientSampleId :

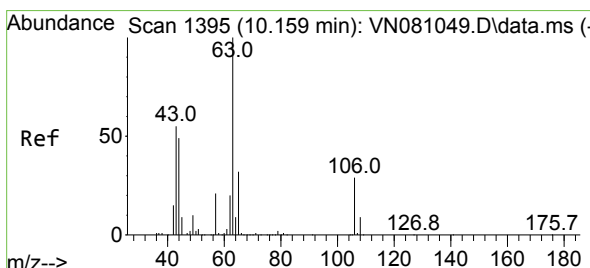
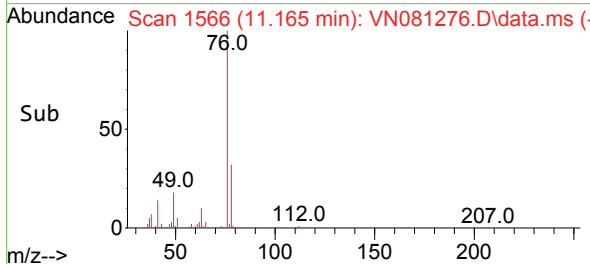
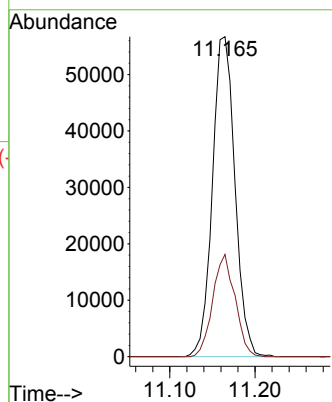
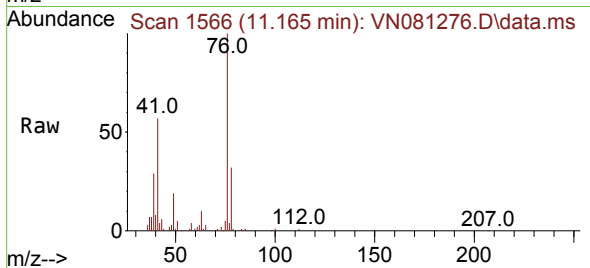
VN0301WBS01

Tgt Ion: 76 Resp: 104400

Ion Ratio Lower Upper

76 100

78 31.7 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 97.611 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN081276.D

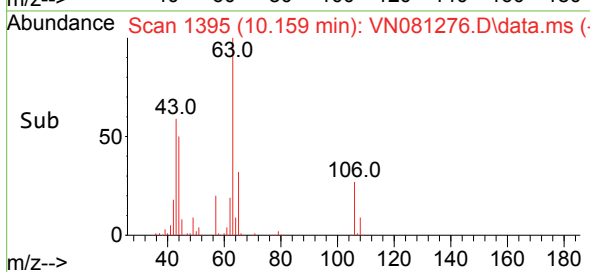
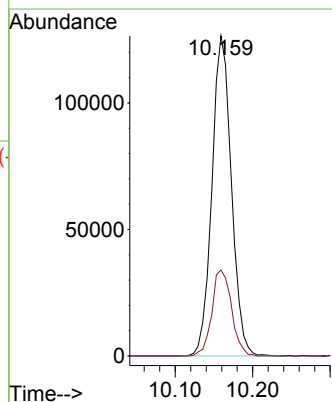
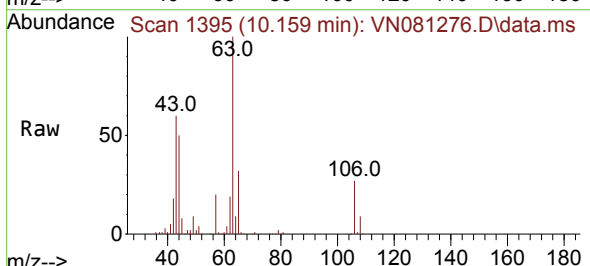
Acq: 01 Mar 2024 11:23

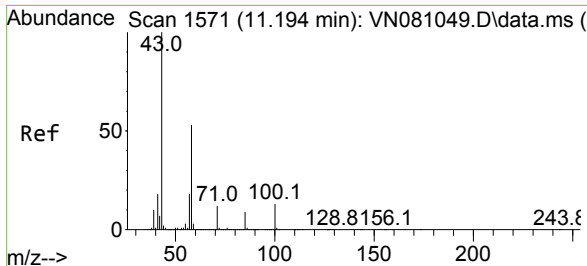
Tgt Ion: 63 Resp: 220411

Ion Ratio Lower Upper

63 100

106 27.2 18.6 28.0

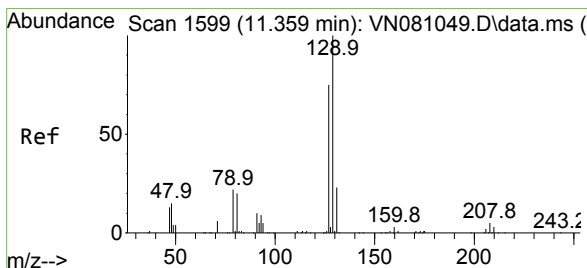
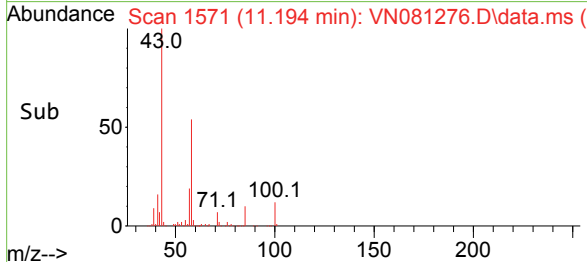
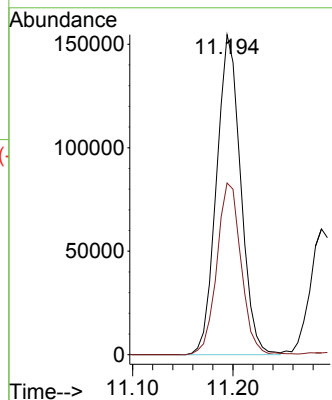
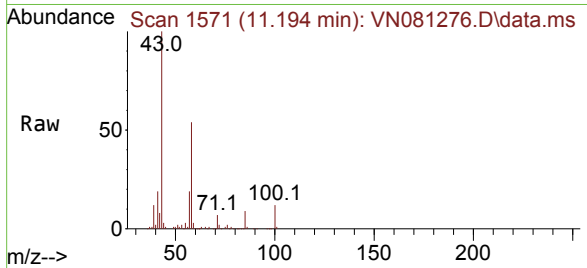




#59
2-Hexanone
Concen: 85.960 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

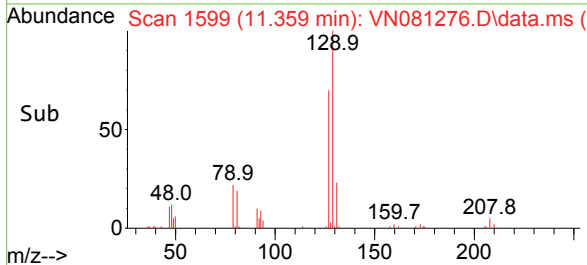
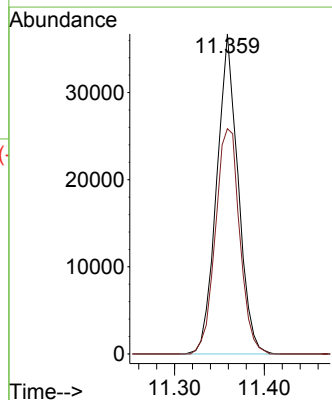
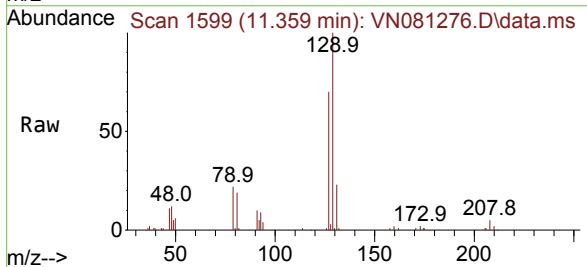
Instrument :
MSVOA_N
ClientSampleId :
VN0301WBS01

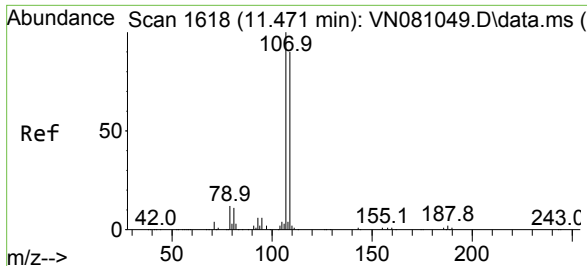
Tgt Ion: 43 Resp: 258538
Ion Ratio Lower Upper
43 100
58 53.9 25.9 77.8



#60
Dibromochloromethane
Concen: 19.457 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

Tgt Ion: 129 Resp: 60866
Ion Ratio Lower Upper
129 100
127 79.6 39.4 118.2

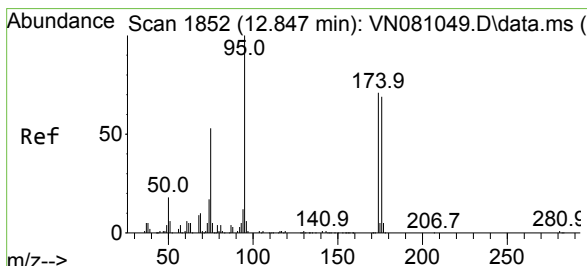
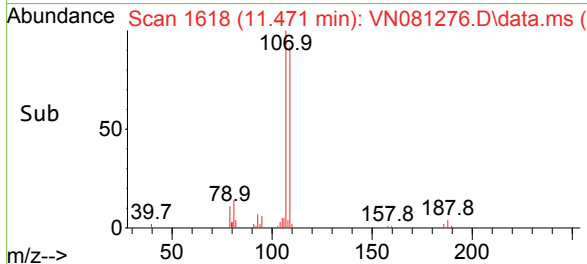
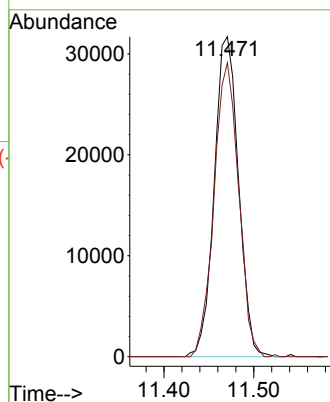
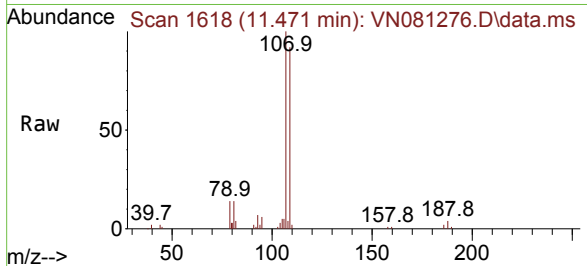




#61
1,2-Dibromoethane
Concen: 19.173 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

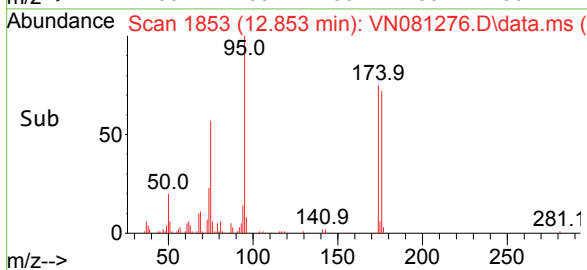
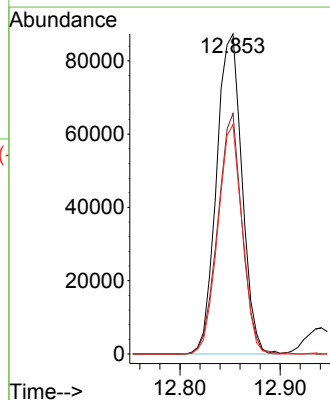
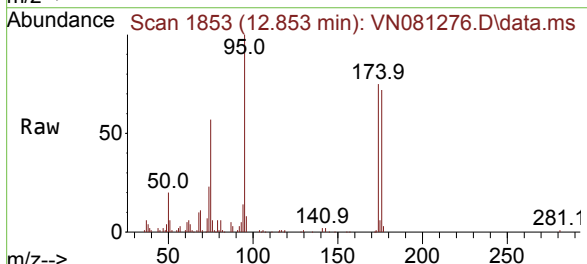
Instrument :
MSVOA_N
ClientSampleId :
VN0301WBS01

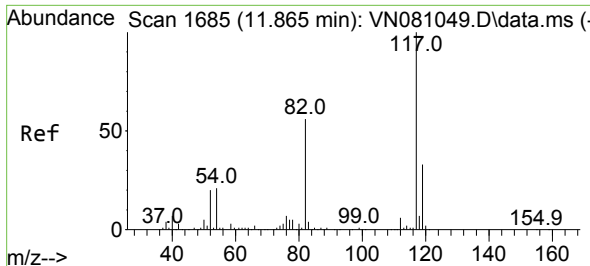
Tgt Ion:107 Resp: 59371
Ion Ratio Lower Upper
107 100
109 93.4 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 47.284 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

Tgt Ion: 95 Resp: 153896
Ion Ratio Lower Upper
95 100
174 71.9 0.0 120.4
176 68.6 0.0 121.0

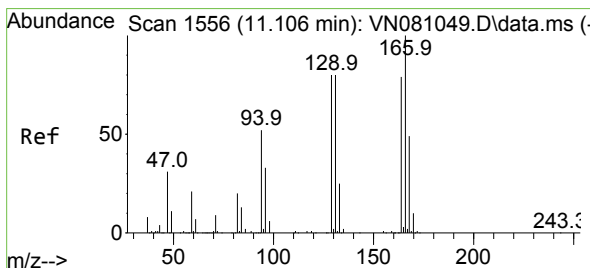
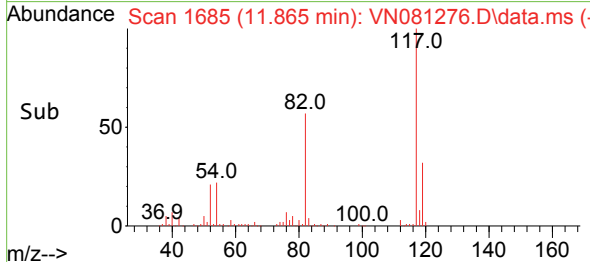
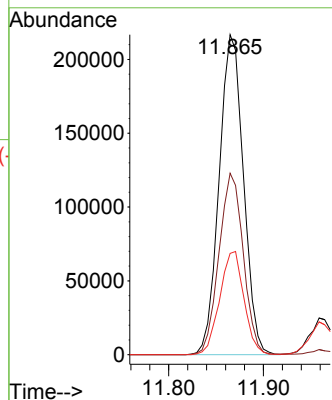
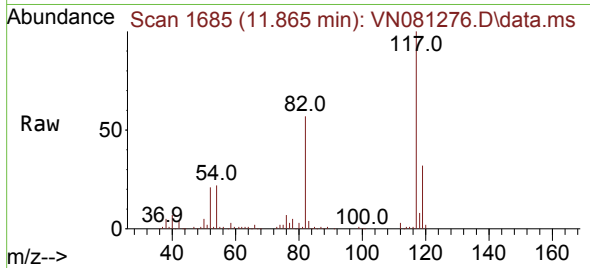




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

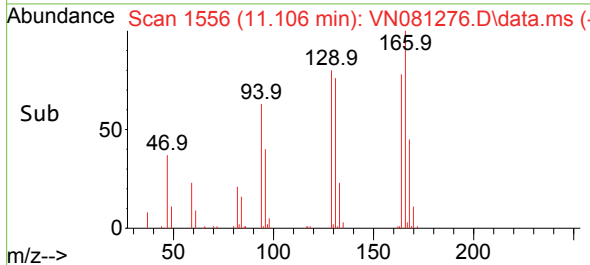
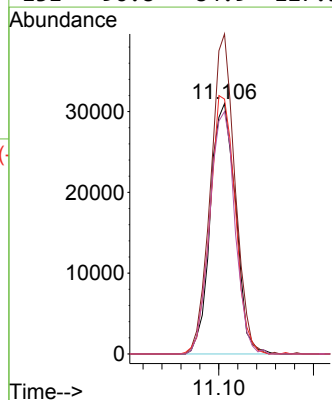
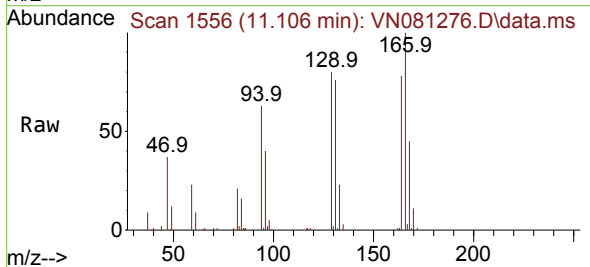
Instrument :
MSVOA_N
ClientSampleId :
VN0301WBS01

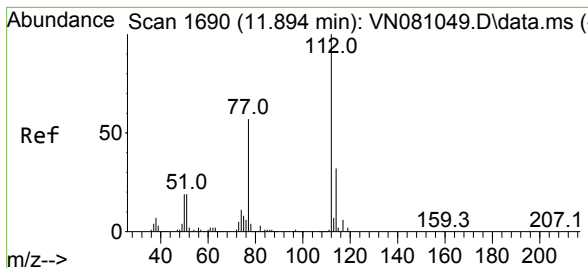
Tgt Ion:117 Resp: 387034
Ion Ratio Lower Upper
117 100
82 56.7 52.7 79.1
119 31.6 25.3 37.9



#64
Tetrachloroethene
Concen: 21.773 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

Tgt Ion:164 Resp: 57515
Ion Ratio Lower Upper
164 100
166 127.8 105.8 158.6
129 101.8 89.6 134.4
131 96.8 84.9 127.3

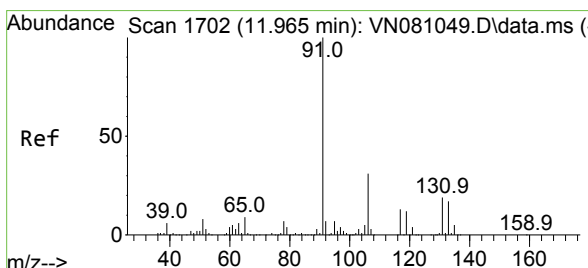
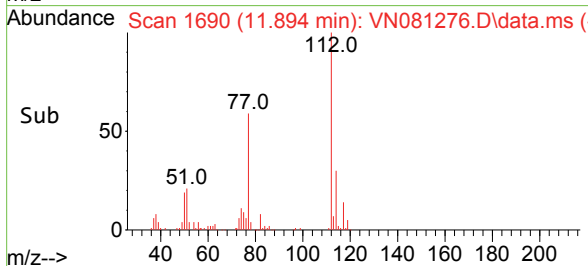
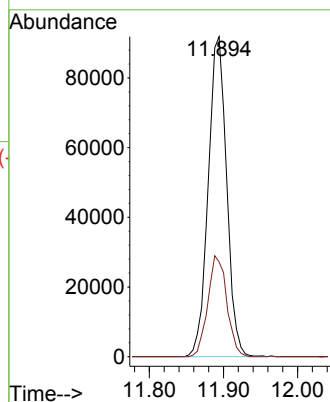
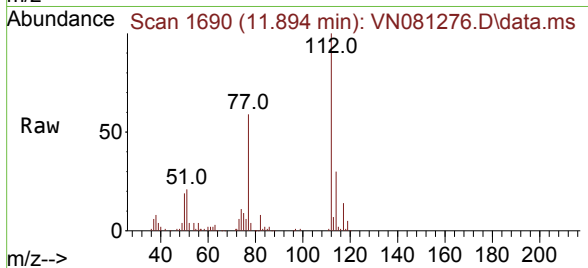




#65
Chlorobenzene
Concen: 18.908 ug/l
RT: 11.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

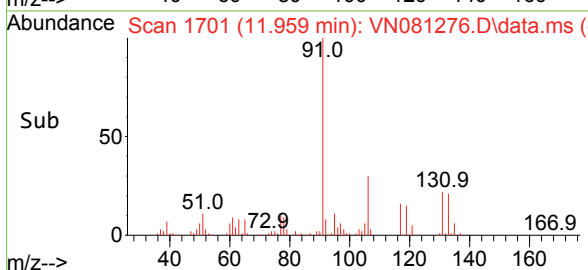
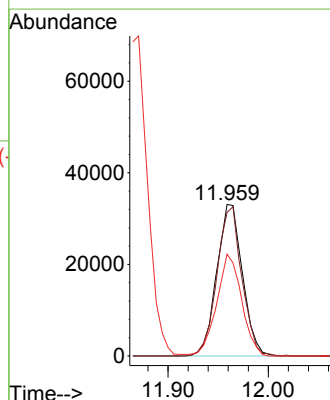
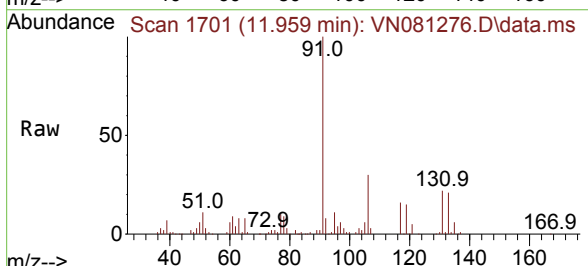
Instrument :
MSVOA_N
ClientSampleId :
VN0301WBS01

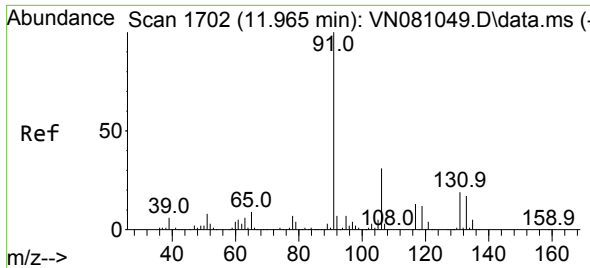
Tgt Ion:112 Resp: 158383
Ion Ratio Lower Upper
112 100
114 29.6 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.532 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

Tgt Ion:131 Resp: 58764
Ion Ratio Lower Upper
131 100
133 95.6 46.8 140.3
119 65.3 34.6 103.9

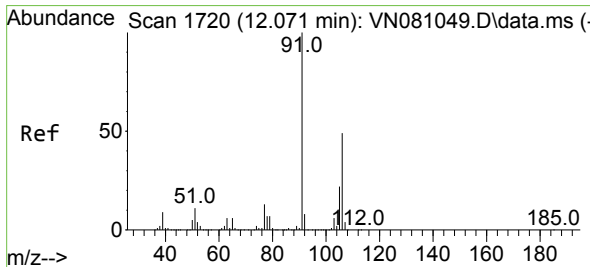
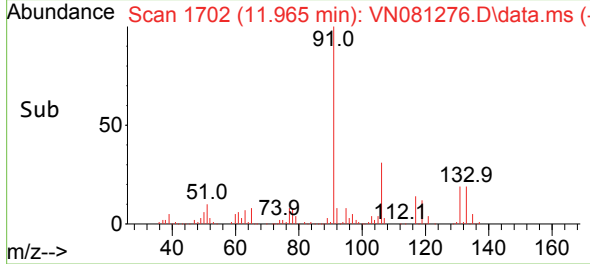
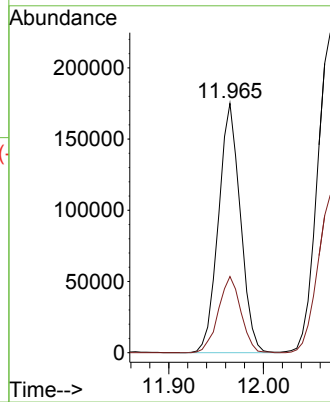
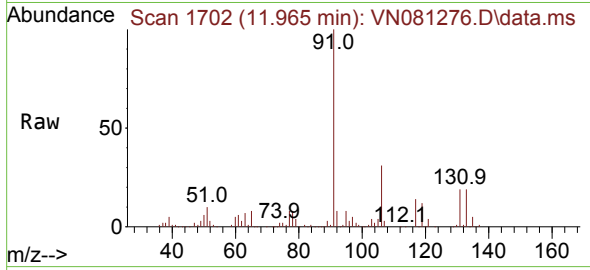




#67
Ethyl Benzene
Concen: 18.802 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

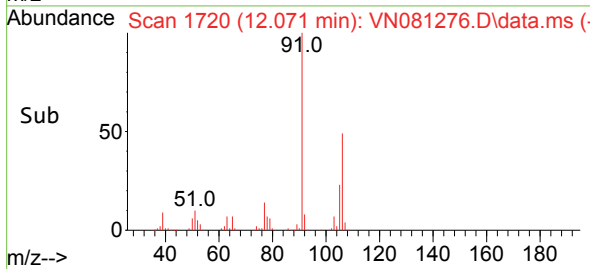
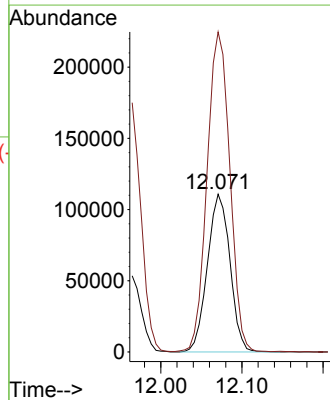
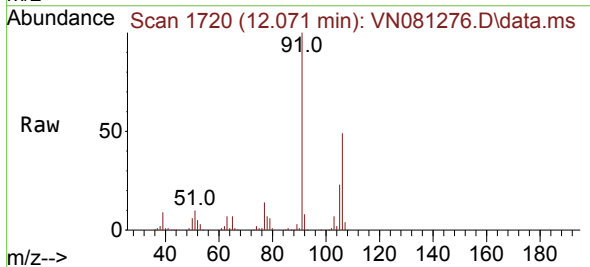
Instrument :
MSVOA_N
ClientSampleId :
VN0301WBS01

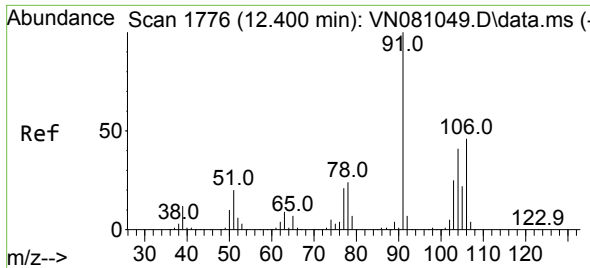
Tgt Ion: 91 Resp: 281825
Ion Ratio Lower Upper
91 100
106 30.6 23.8 35.6



#68
m/p-Xylenes
Concen: 37.297 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

Tgt Ion:106 Resp: 214284
Ion Ratio Lower Upper
106 100
91 204.1 169.0 253.6

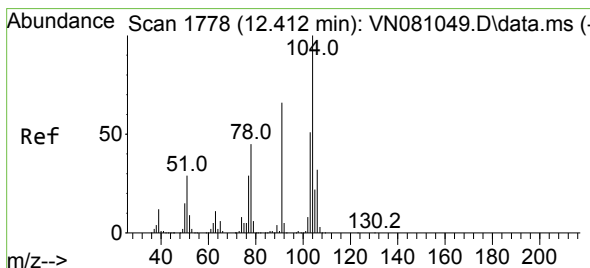
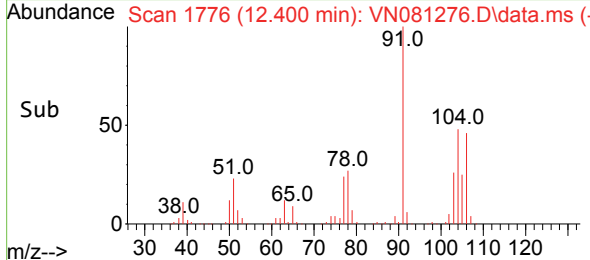
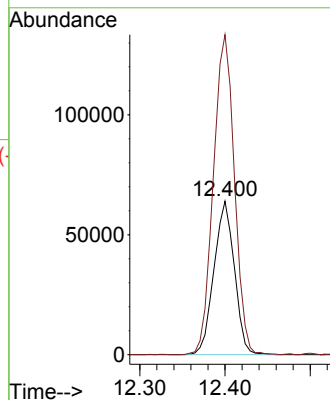
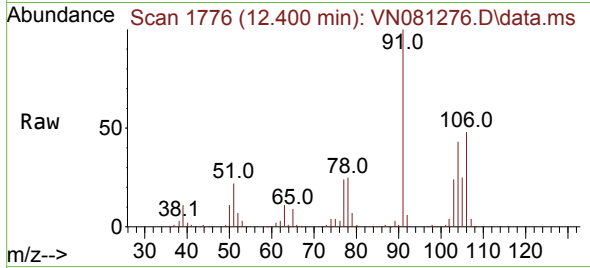




#69
o-Xylene
Concen: 18.717 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

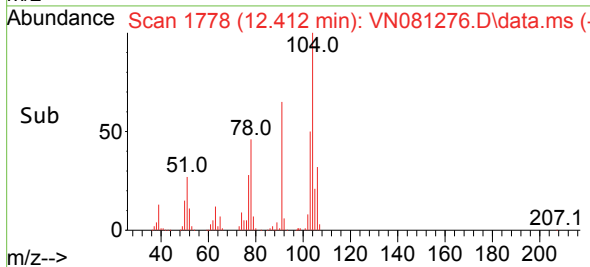
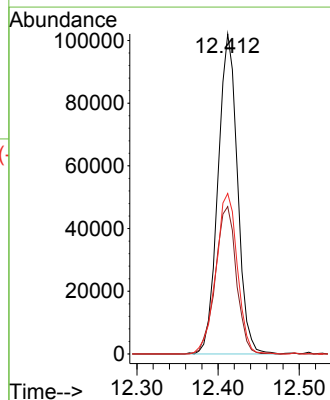
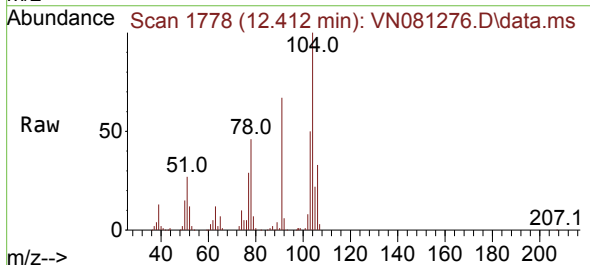
Instrument :
MSVOA_N
ClientSampleId :
VN0301WBS01

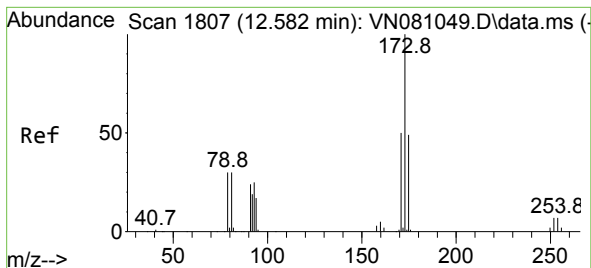
Tgt Ion:106 Resp: 106597
Ion Ratio Lower Upper
106 100
91 214.9 112.1 336.3



#70
Styrene
Concen: 18.914 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

Tgt Ion:104 Resp: 170693
Ion Ratio Lower Upper
104 100
78 49.6 43.8 65.8
103 55.0 44.2 66.2





#71

Bromoform

Concen: 18.602 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VN081276.D

Acq: 01 Mar 2024 11:23

Instrument :

MSVOA_N

ClientSampleId :

VN0301WBS01

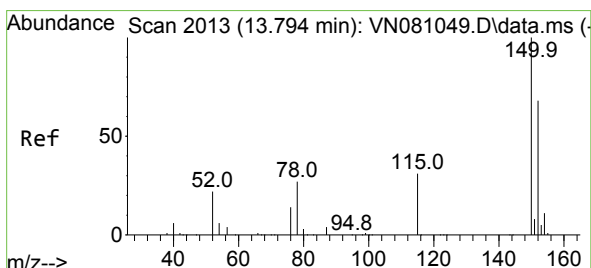
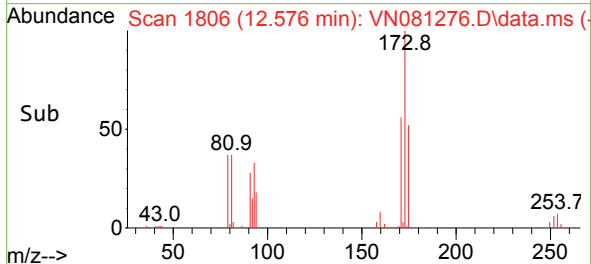
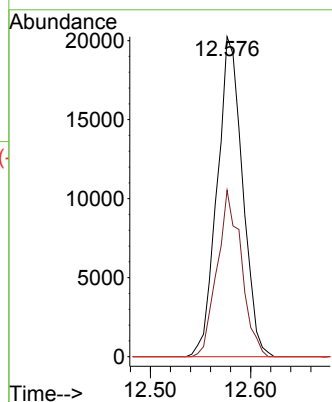
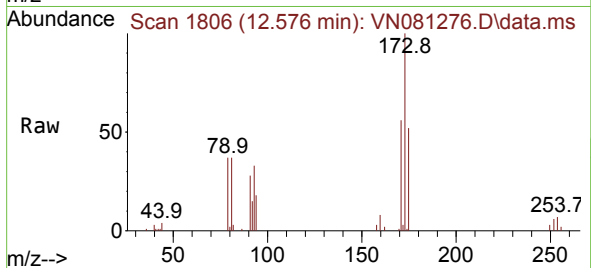
Tgt Ion:173 Resp: 35507

Ion Ratio Lower Upper

173 100

175 49.7 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: VN081276.D

Acq: 01 Mar 2024 11:23

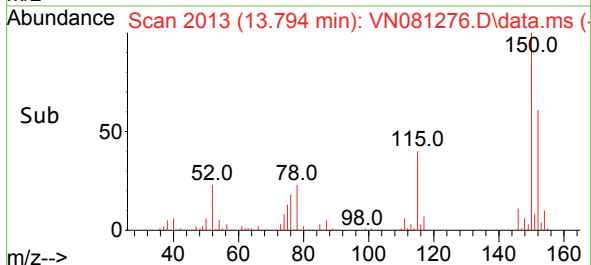
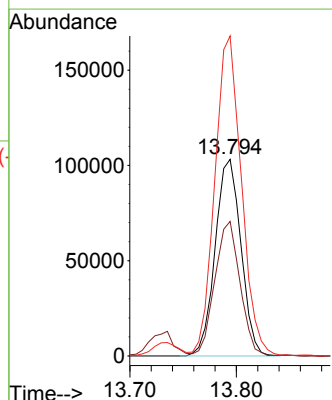
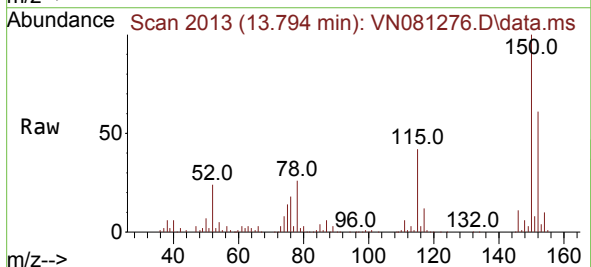
Tgt Ion:152 Resp: 173630

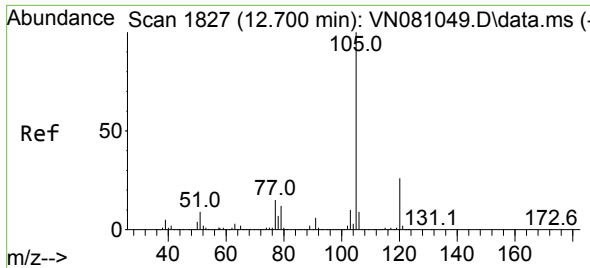
Ion Ratio Lower Upper

152 100

115 67.0 32.3 96.8

150 167.3 0.0 339.8

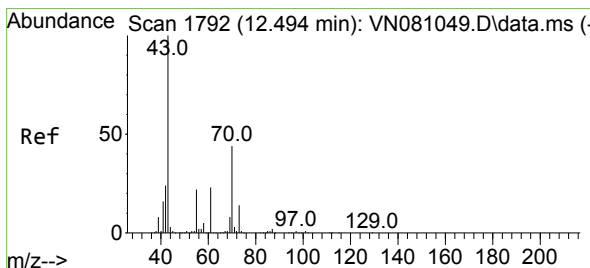
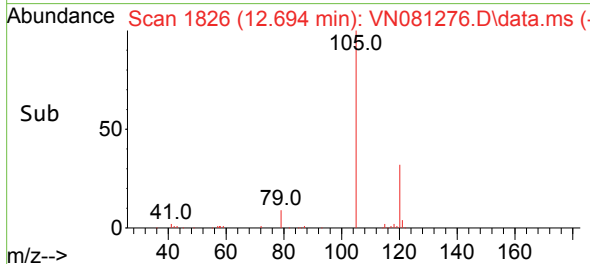
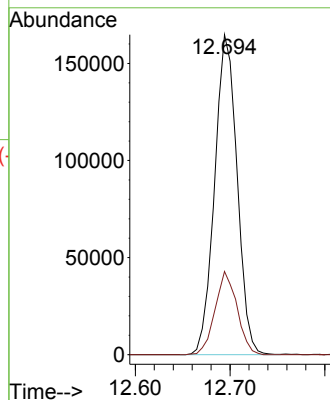
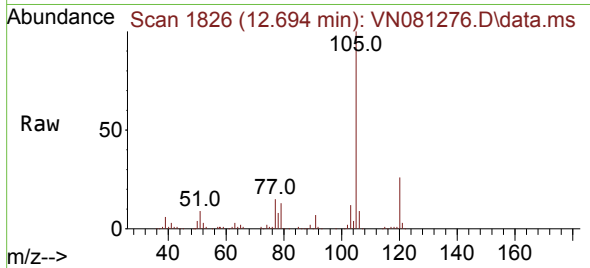




#73
Isopropylbenzene
Concen: 17.880 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

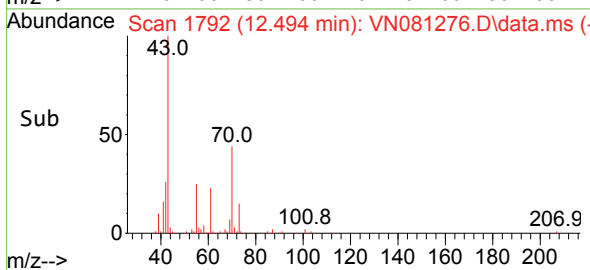
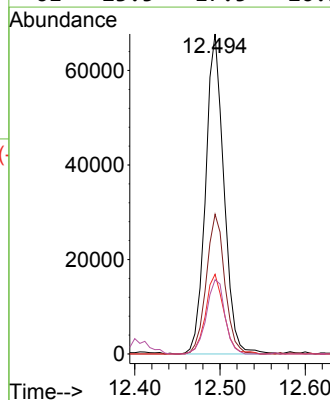
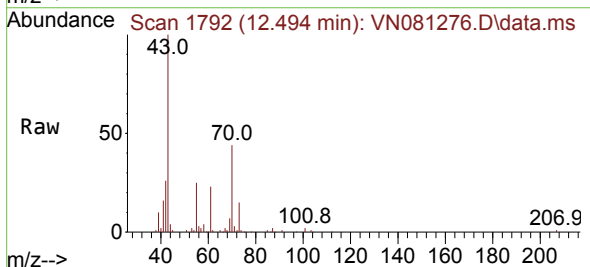
Instrument :
MSVOA_N
ClientSampleId :
VN0301WBS01

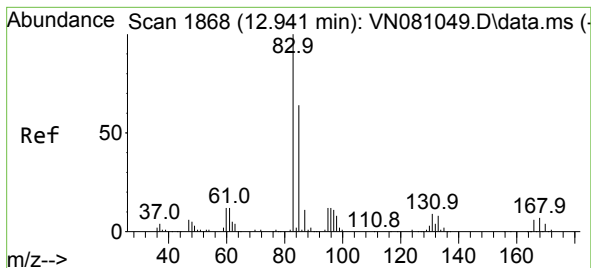
Tgt Ion:105 Resp: 271618
Ion Ratio Lower Upper
105 100
120 25.4 12.6 37.6



#74
N-ethyl acetate
Concen: 15.733 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

Tgt Ion: 43 Resp: 101015
Ion Ratio Lower Upper
43 100
70 44.2 30.1 45.1
55 25.0 17.0 25.4
61 23.5 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 18.438 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN081276.D

Acq: 01 Mar 2024 11:23

Instrument :

MSVOA_N

ClientSampleId :

VN0301WBS01

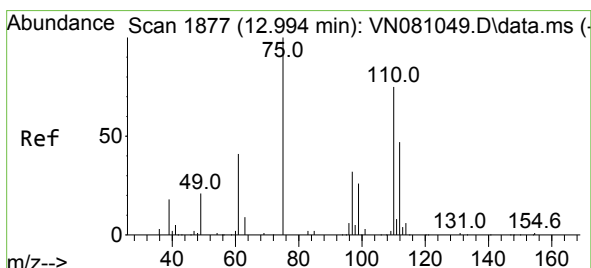
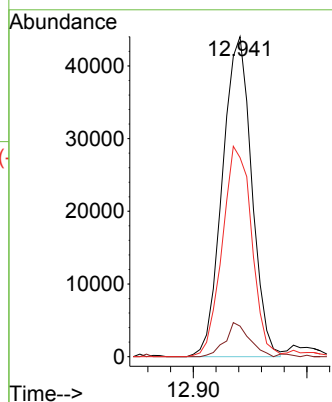
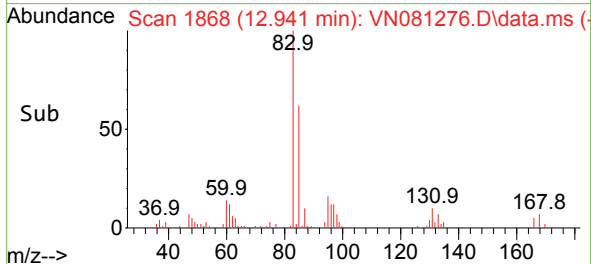
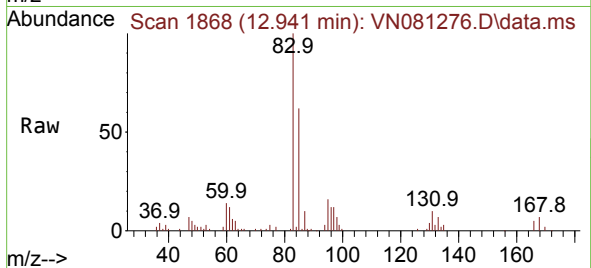
Tgt Ion: 83 Resp: 78761

Ion Ratio Lower Upper

83 100

131 8.8 4.1 12.3

85 66.3 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 27.018 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN081276.D

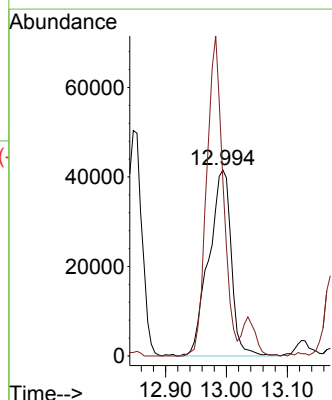
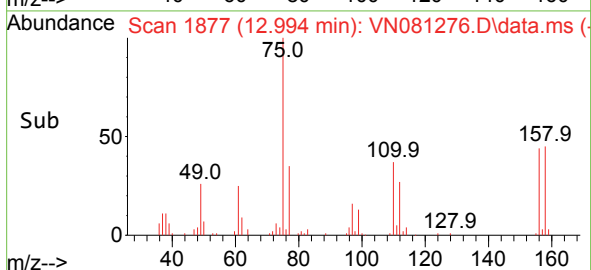
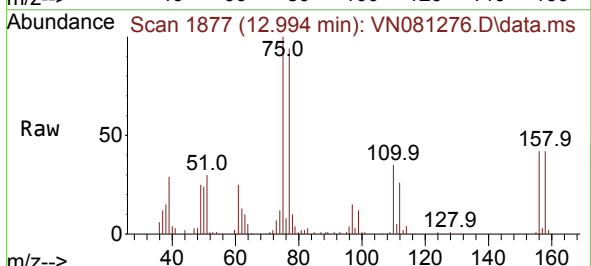
Acq: 01 Mar 2024 11:23

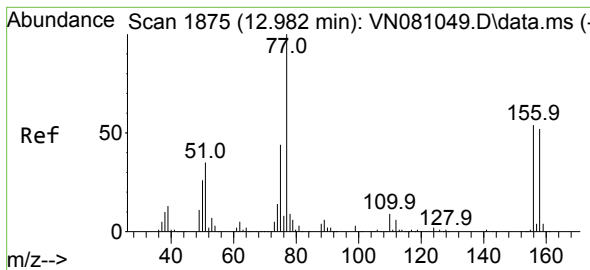
Tgt Ion: 75 Resp: 106585

Ion Ratio Lower Upper

75 100

77 126.7 91.0 272.8





#77

Bromobenzene

Concen: 18.519 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN081276.D

Acq: 01 Mar 2024 11:23

Instrument :

MSVOA_N

ClientSampleId :

VN0301WBS01

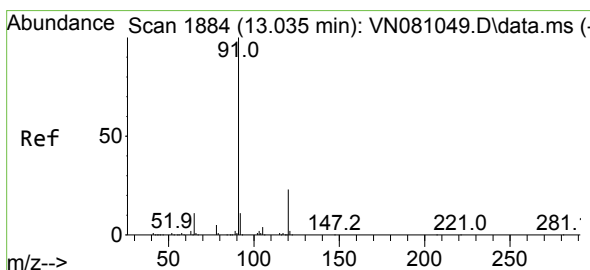
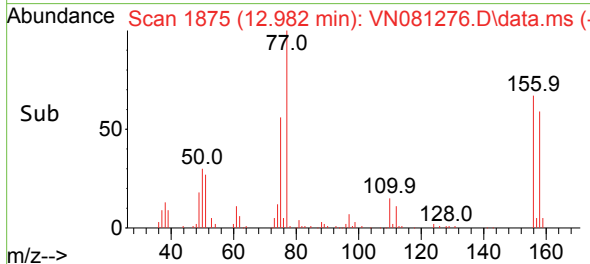
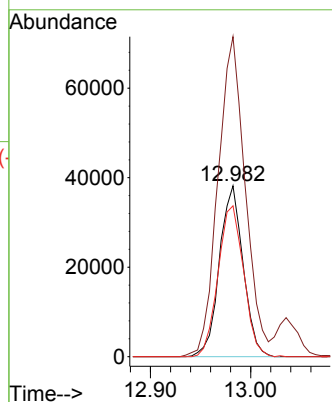
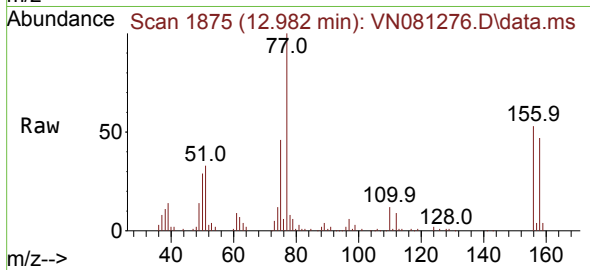
Tgt Ion:156 Resp: 62728

Ion Ratio Lower Upper

156 100

77 215.3 138.1 414.3

158 94.9 46.5 139.5



#78

n-propylbenzene

Concen: 18.765 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN081276.D

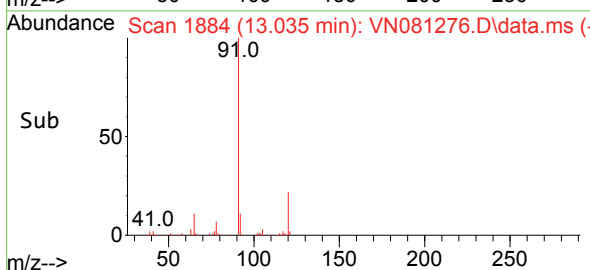
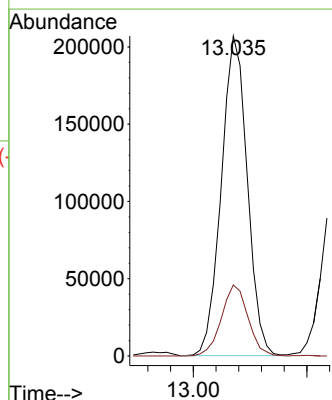
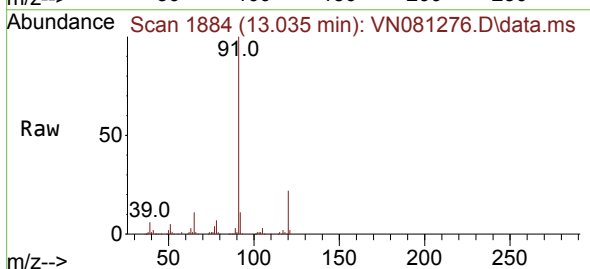
Acq: 01 Mar 2024 11:23

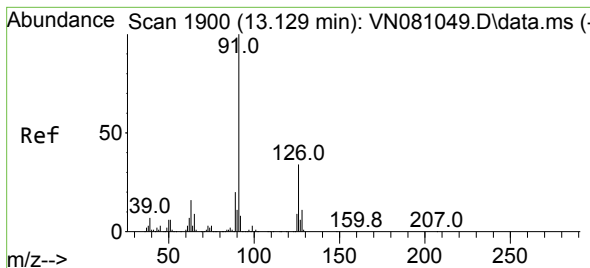
Tgt Ion: 91 Resp: 328168

Ion Ratio Lower Upper

91 100

120 22.8 10.3 30.9

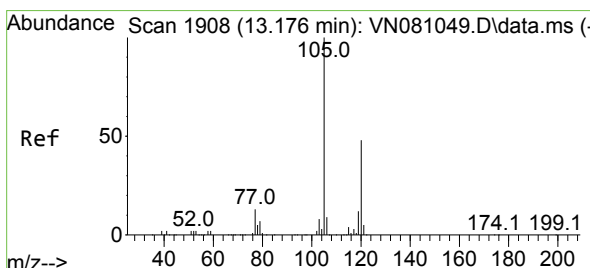
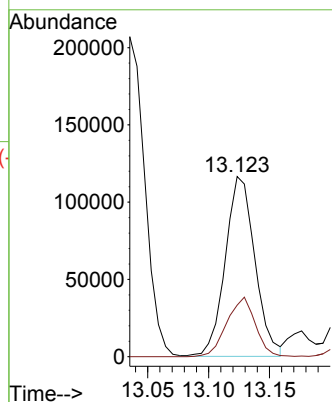
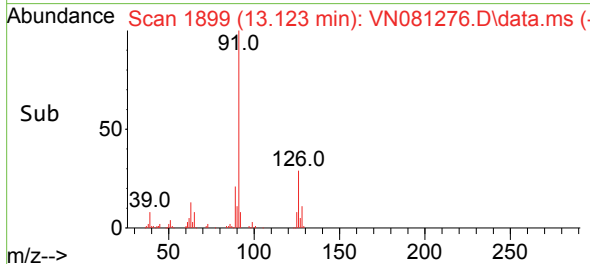
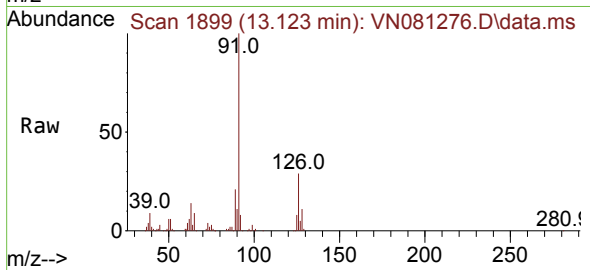




#79
2-Chlorotoluene
Concen: 18.424 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

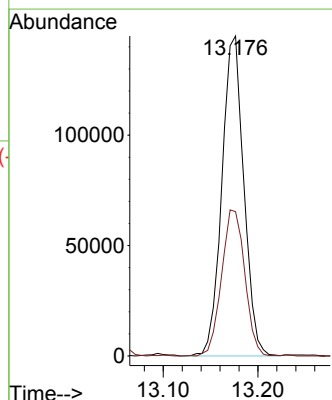
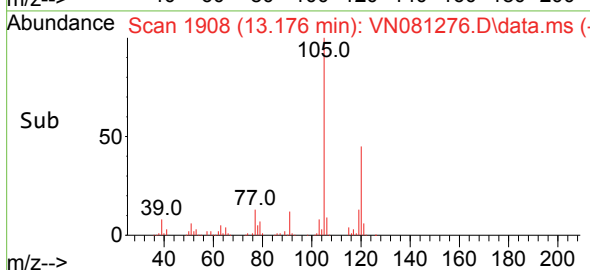
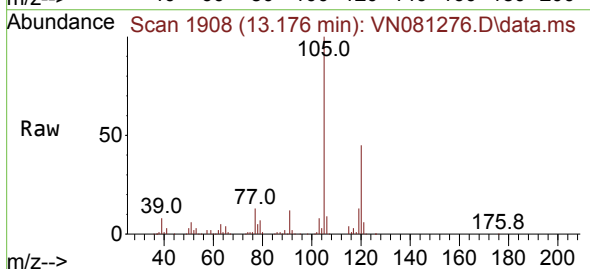
Instrument :
MSVOA_N
ClientSampleId :
VN0301WBS01

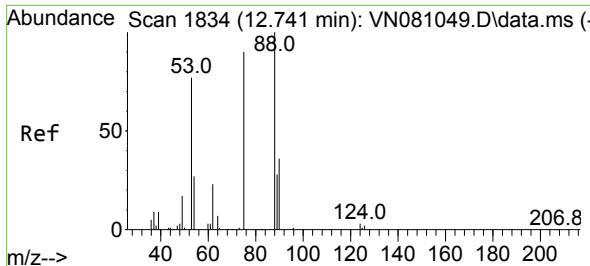
Tgt Ion: 91 Resp: 197629
Ion Ratio Lower Upper
91 100
126 31.8 14.8 44.4



#80
1,3,5-Trimethylbenzene
Concen: 18.959 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

Tgt Ion: 105 Resp: 233517
Ion Ratio Lower Upper
105 100
120 48.3 23.0 69.0

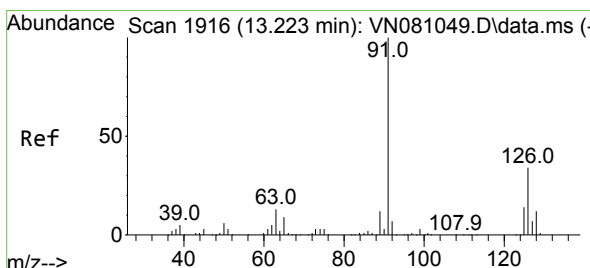
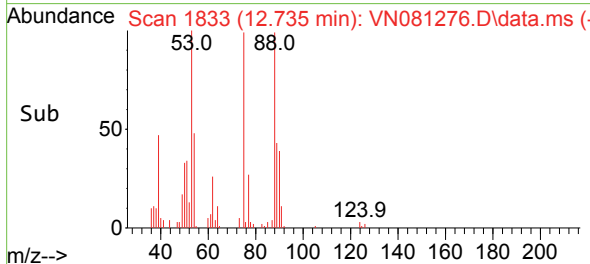
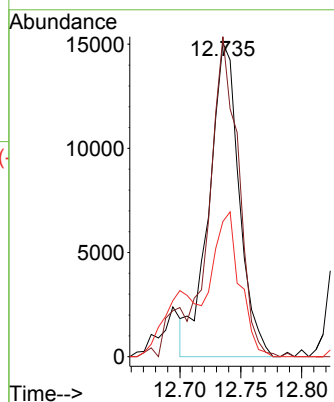
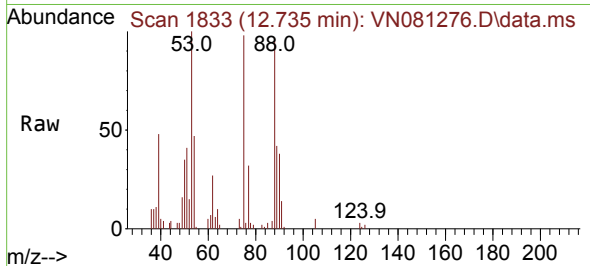




#81
trans-1,4-Dichloro-2-butene
Concen: 16.922 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

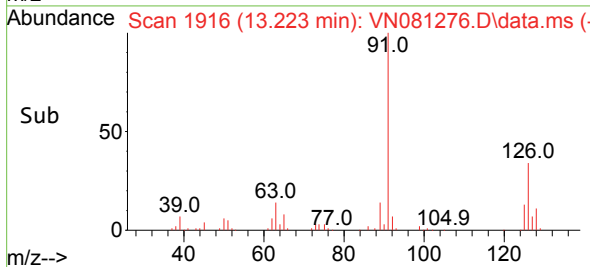
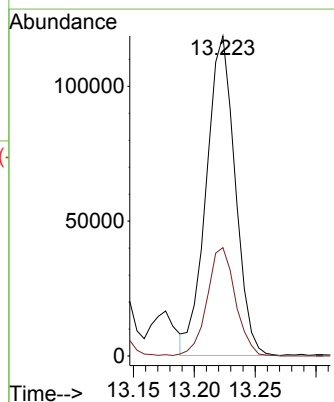
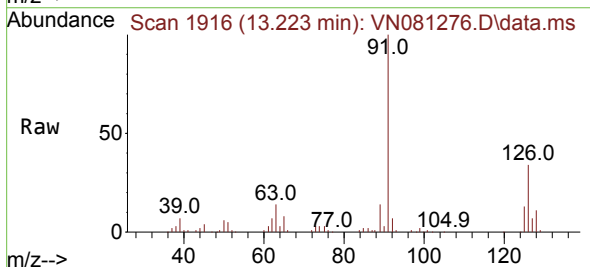
Instrument :
MSVOA_N
ClientSampleId :
VN0301WBS01

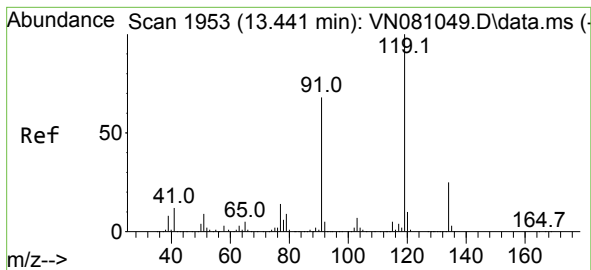
Tgt Ion: 75 Resp: 25936
Ion Ratio Lower Upper
75 100
53 107.6 71.4 107.2#
89 41.2 33.4 50.0



#82
4-Chlorotoluene
Concen: 18.606 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

Tgt Ion: 91 Resp: 195146
Ion Ratio Lower Upper
91 100
126 33.2 15.3 45.9

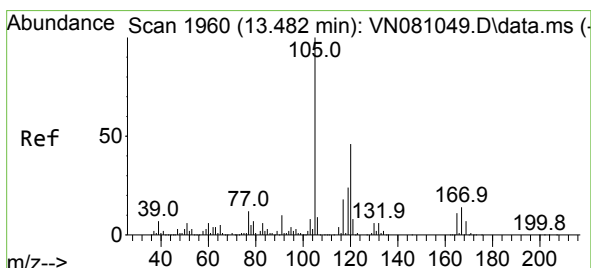
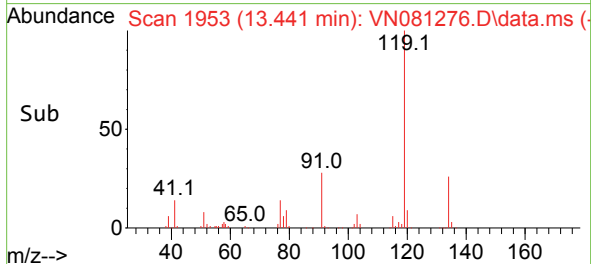
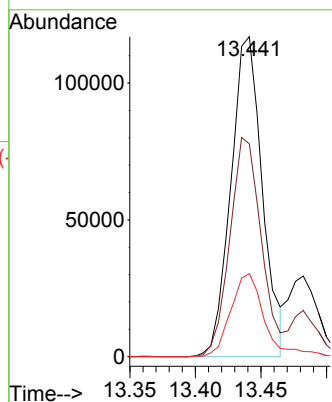
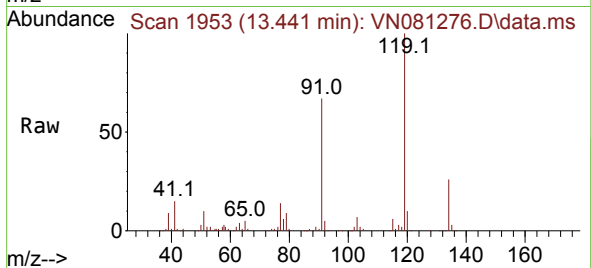




#83
tert-Butylbenzene
Concen: 18.365 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

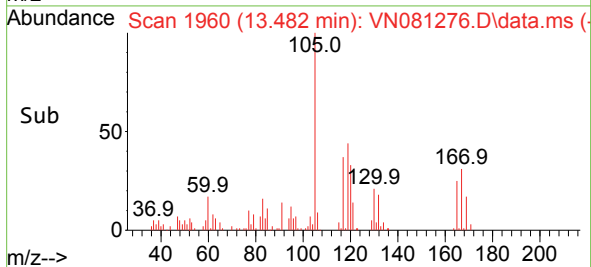
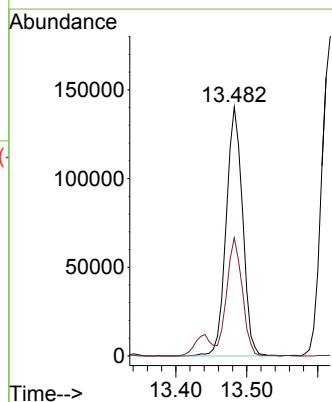
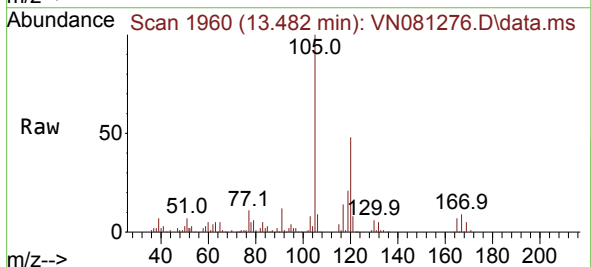
Instrument :
MSVOA_N
ClientSampleId :
VN0301WBS01

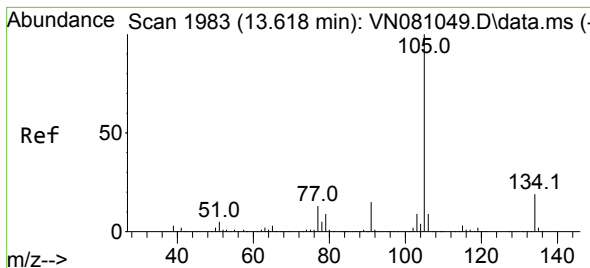
Tgt Ion:119 Resp: 195594
Ion Ratio Lower Upper
119 100
91 68.1 36.8 110.4
134 27.8 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 18.338 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

Tgt Ion:105 Resp: 225077
Ion Ratio Lower Upper
105 100
120 44.5 20.9 62.7





#85

sec-Butylbenzene

Concen: 19.253 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN081276.D

Acq: 01 Mar 2024 11:23

Instrument :

MSVOA_N

ClientSampleId :

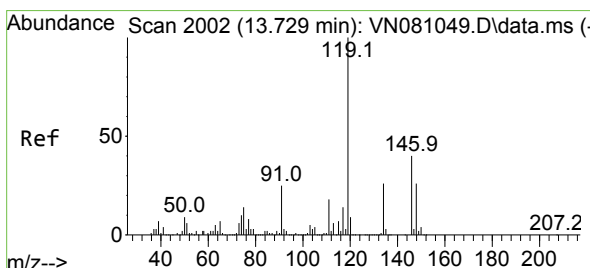
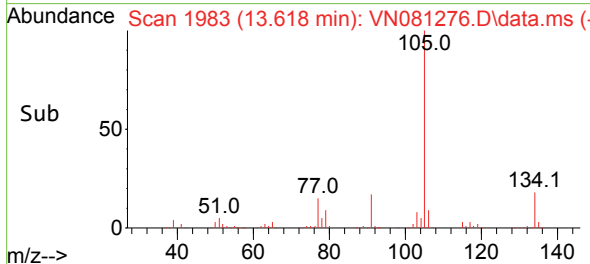
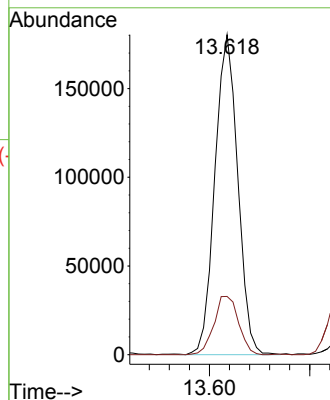
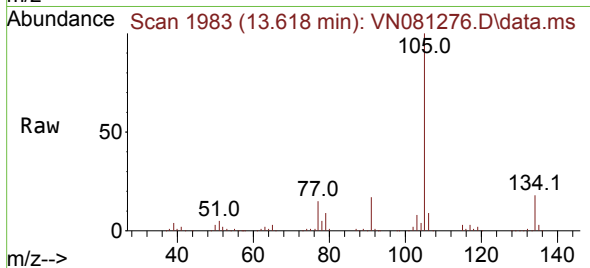
VN0301WBS01

Tgt Ion:105 Resp: 285062

Ion Ratio Lower Upper

105 100

134 19.6 8.6 25.8



#86

p-Isopropyltoluene

Concen: 18.738 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN081276.D

Acq: 01 Mar 2024 11:23

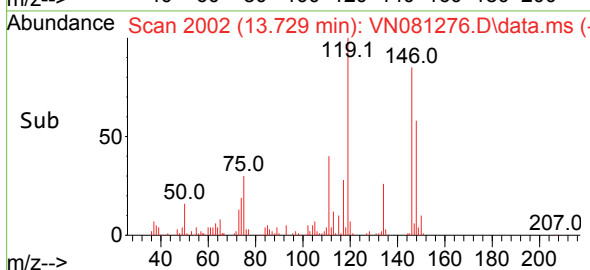
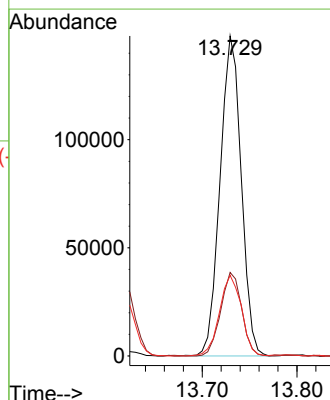
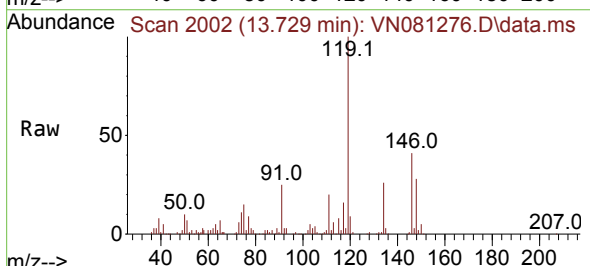
Tgt Ion:119 Resp: 230446

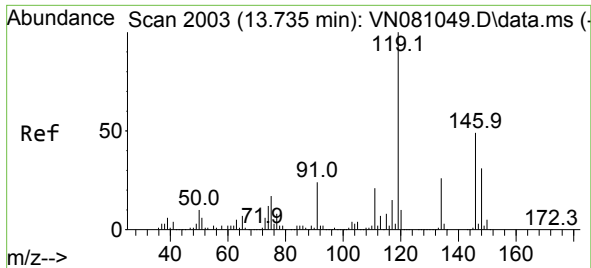
Ion Ratio Lower Upper

119 100

134 25.8 12.4 37.2

91 26.1 13.5 40.4

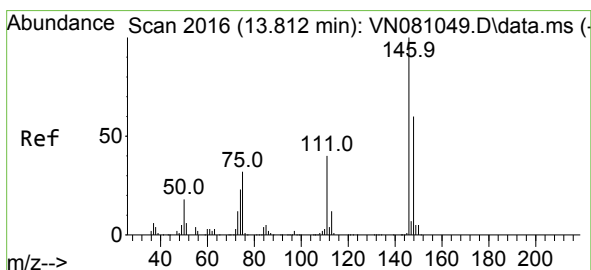
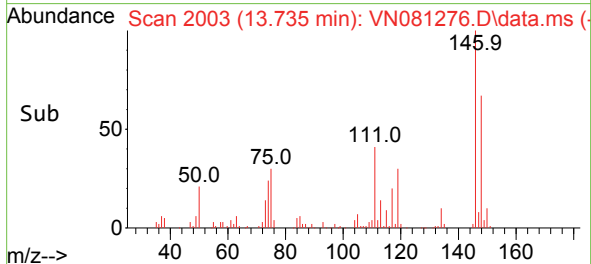
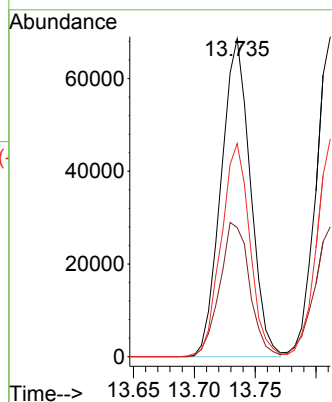
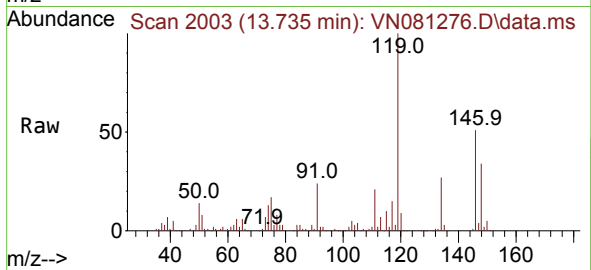




#87
1,3-Dichlorobenzene
Concen: 17.899 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

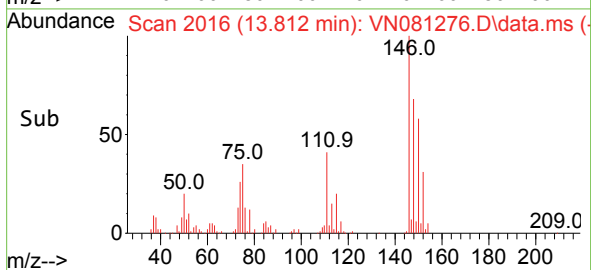
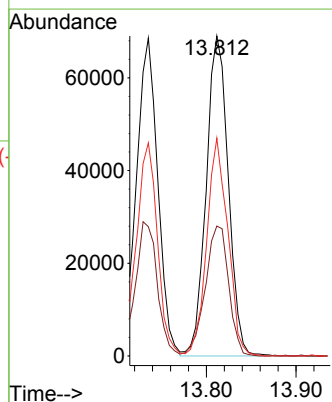
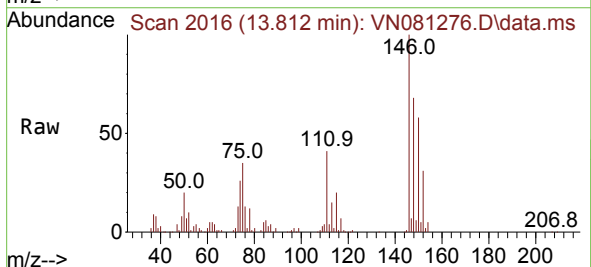
Instrument :
MSVOA_N
ClientSampleId :
VN0301WBS01

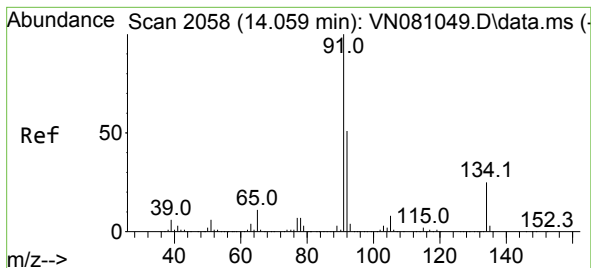
Tgt Ion:146 Resp: 114557
Ion Ratio Lower Upper
146 100
111 43.1 23.9 71.7
148 65.9 32.6 97.7



#88
1,4-Dichlorobenzene
Concen: 18.747 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN081276.D
Acq: 01 Mar 2024 11:23

Tgt Ion:146 Resp: 117897
Ion Ratio Lower Upper
146 100
111 43.2 22.6 67.7
148 65.0 31.9 95.5





#89

n-Butylbenzene

Concen: 19.292 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081276.D

Acq: 01 Mar 2024 11:23

Instrument :

MSVOA_N

ClientSampleId :

VN0301WBS01

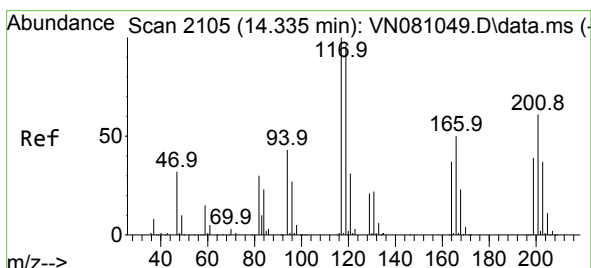
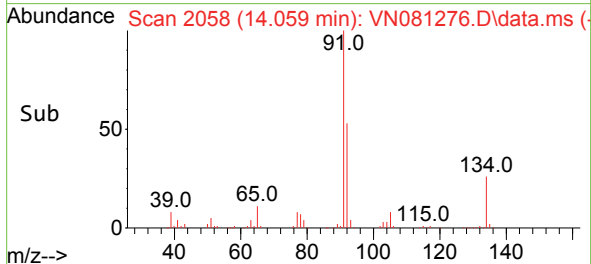
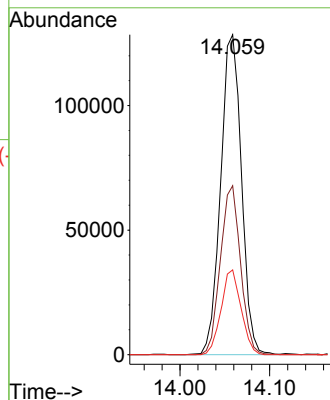
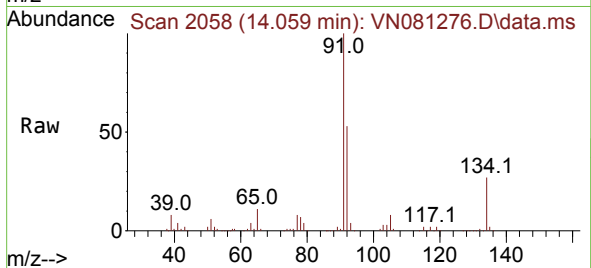
Tgt Ion: 91 Resp: 206697

Ion Ratio Lower Upper

91 100

92 51.2 26.7 80.1

134 25.5 10.8 32.4



#90

Hexachloroethane

Concen: 19.114 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN081276.D

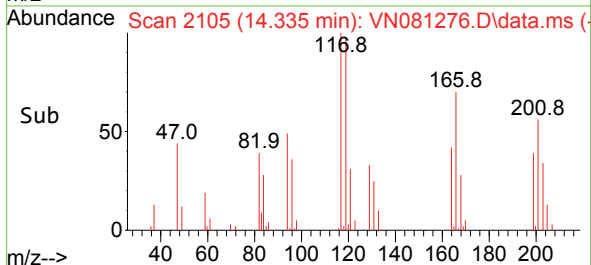
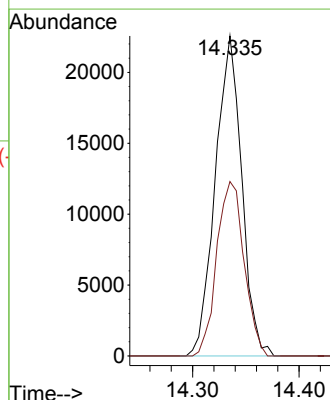
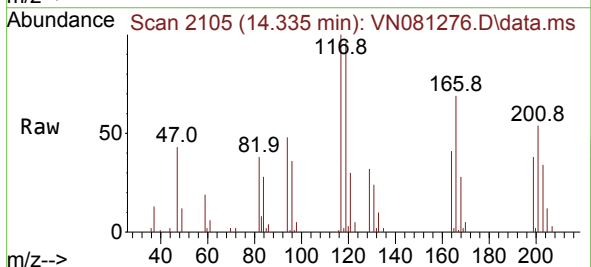
Acq: 01 Mar 2024 11:23

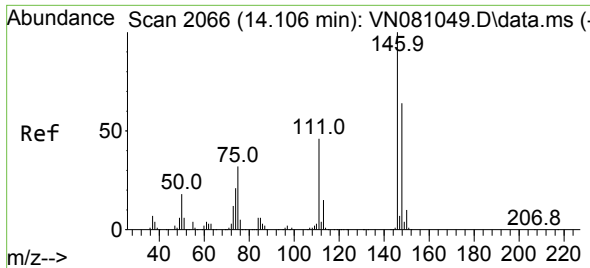
Tgt Ion: 117 Resp: 38856

Ion Ratio Lower Upper

117 100

201 56.4 30.0 90.0

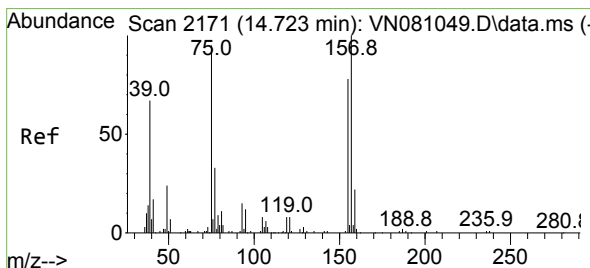
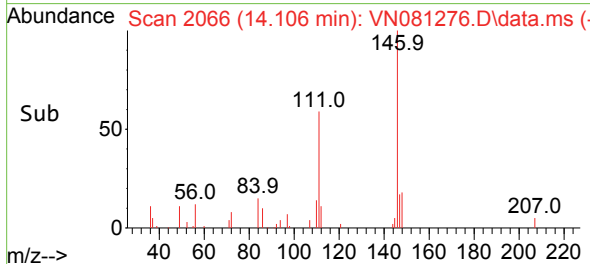
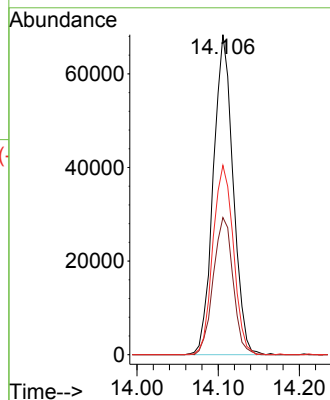
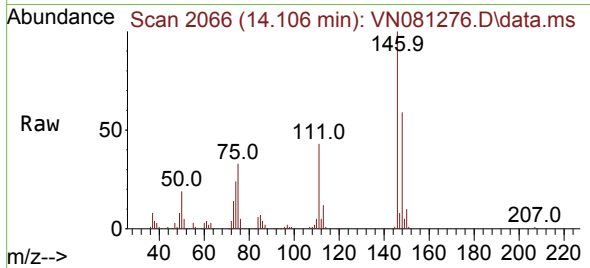




#91
 1,2-Dichlorobenzene
 Concen: 18.785 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: VN081276.D
 Acq: 01 Mar 2024 11:23

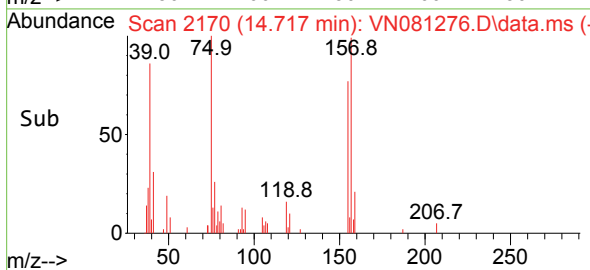
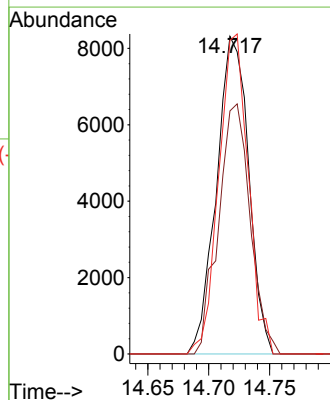
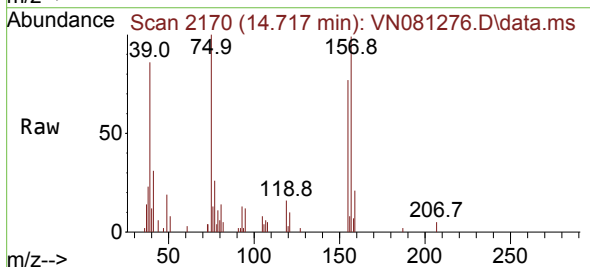
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0301WBS01

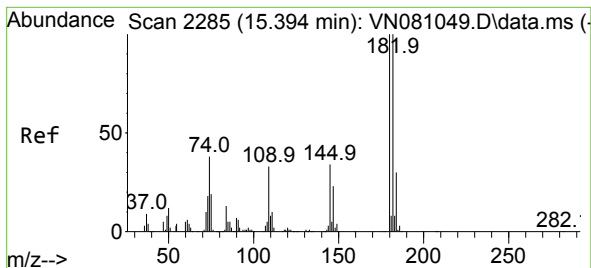
Tgt Ion:146 Resp: 115956
 Ion Ratio Lower Upper
 146 100
 111 42.7 23.9 71.8
 148 61.2 31.4 94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.183 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. -0.006 min
 Lab File: VN081276.D
 Acq: 01 Mar 2024 11:23

Tgt Ion: 75 Resp: 15261
 Ion Ratio Lower Upper
 75 100
 155 77.8 31.8 95.4
 157 92.2 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 16.968 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN081276.D

Acq: 01 Mar 2024 11:23

Instrument :

MSVOA_N

ClientSampleId :

VN0301WBS01

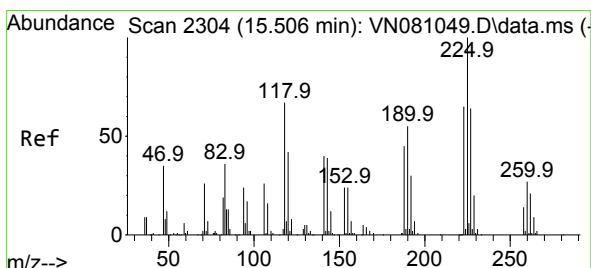
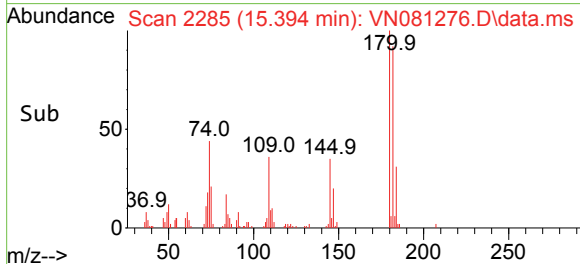
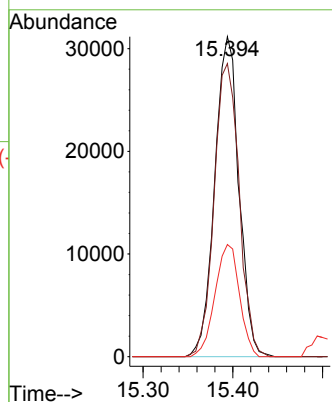
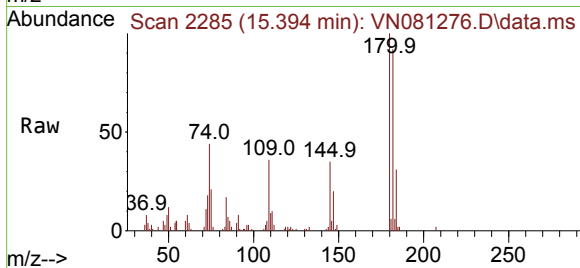
Tgt Ion:180 Resp: 58433

Ion Ratio Lower Upper

180 100

182 94.5 46.6 139.7

145 35.4 16.8 50.3



#94

Hexachlorobutadiene

Concen: 20.150 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.006 min

Lab File: VN081276.D

Acq: 01 Mar 2024 11:23

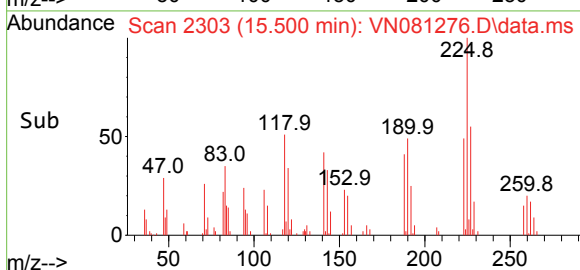
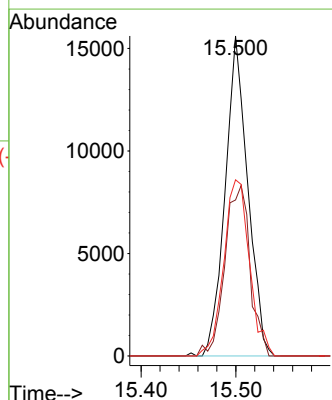
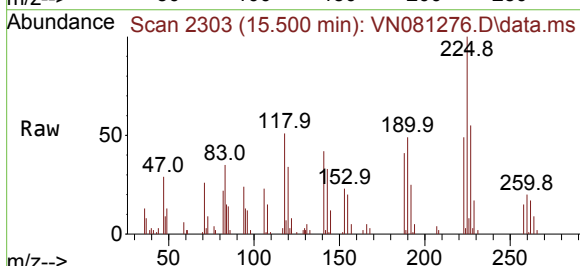
Tgt Ion:225 Resp: 25879

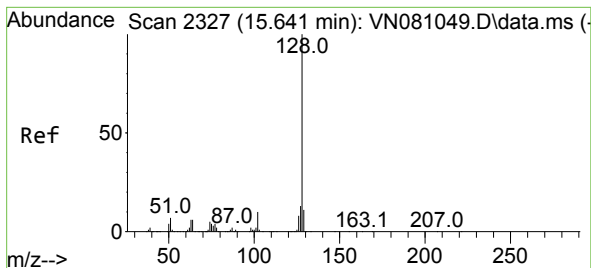
Ion Ratio Lower Upper

225 100

223 59.4 33.3 99.8

227 62.5 33.1 99.2





#95

Naphthalene

Concen: 15.668 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN081276.D

Acq: 01 Mar 2024 11:23

Instrument :

MSVOA_N

ClientSampleId :

VN0301WBS01

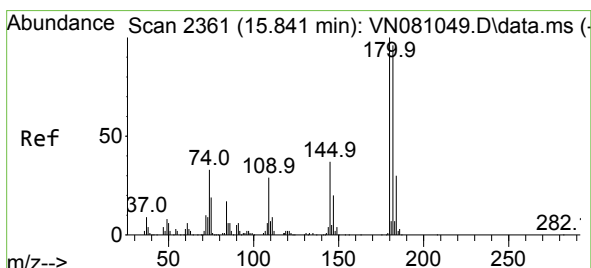
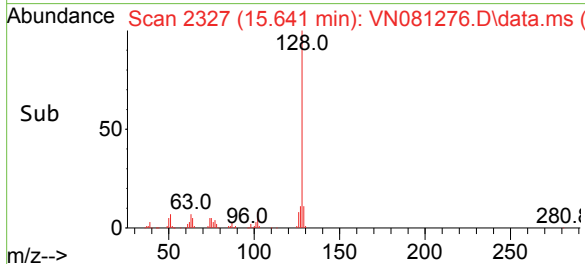
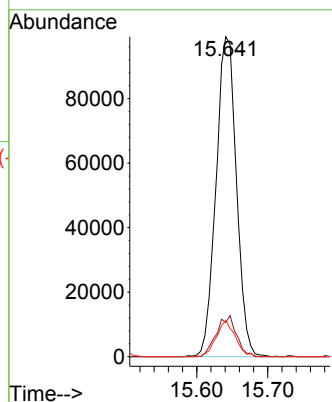
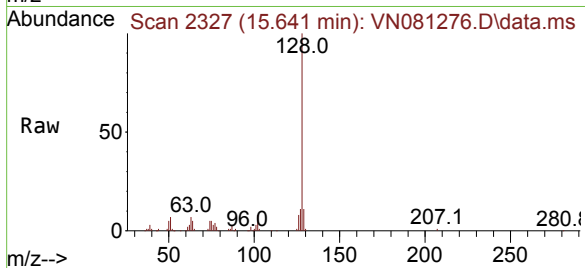
Tgt Ion:128 Resp: 197719

Ion Ratio Lower Upper

128 100

127 12.6 10.0 15.0

129 10.5 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 17.426 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.006 min

Lab File: VN081276.D

Acq: 01 Mar 2024 11:23

Tgt Ion:180 Resp: 59531

Ion Ratio Lower Upper

180 100

182 95.6 46.5 139.3

145 36.0 17.8 53.4

