

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022924\
 Data File : VN081270.D
 Acq On : 29 Feb 2024 16:15
 Operator : JC\MD
 Sample : VN0229WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0229WBSD01

Quant Time: Feb 29 23:52:56 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	8.229	168	257872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	484209	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	435005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	199051	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	182763	57.822	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 115.640%	
35) Dibromofluoromethane	8.165	113	155120	56.653	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 113.300%	
50) Toluene-d8	10.570	98	498774	51.289	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.580%	
62) 4-Bromofluorobenzene	12.853	95	193979	53.085	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.160%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	68385	20.506	ug/l	89
3) Chloromethane	2.365	50	67851	17.889	ug/l	97
4) Vinyl Chloride	2.518	62	72998	19.706	ug/l	95
5) Bromomethane	2.965	94	46557	17.695	ug/l	98
6) Chloroethane	3.130	64	51745	21.096	ug/l	97
7) Trichlorofluoromethane	3.500	101	113827	21.034	ug/l	99
8) Diethyl Ether	3.959	74	41747	21.100	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.371	101	64037	21.227	ug/l	94
10) Methyl Iodide	4.594	142	57244	16.999	ug/l #	98
11) Tert butyl alcohol	5.518	59	56987	98.037	ug/l	98
12) 1,1-Dichloroethene	4.341	96	57346	19.665	ug/l	82
13) Acrolein	4.177	56	26005	83.469	ug/l	93
14) Allyl chloride	5.018	41	87513	20.225	ug/l	91
15) Acrylonitrile	5.718	53	165484	109.006	ug/l	97
16) Acetone	4.430	43	133323	107.199	ug/l	100
17) Carbon Disulfide	4.718	76	130125	15.998	ug/l	97
18) Methyl Acetate	5.024	43	77362	25.499	ug/l #	83
19) Methyl tert-butyl Ether	5.794	73	211296	21.155	ug/l	94
20) Methylene Chloride	5.277	84	72612	22.049	ug/l #	84
21) trans-1,2-Dichloroethene	5.788	96	63583	19.542	ug/l	89
22) Diisopropyl ether	6.671	45	216186	22.025	ug/l #	95
23) Vinyl Acetate	6.600	43	817848	102.698	ug/l #	92
24) 1,1-Dichloroethane	6.565	63	129783	22.868	ug/l	98
25) 2-Butanone	7.482	43	221082	110.033	ug/l	95
26) 2,2-Dichloropropane	7.488	77	110641	20.806	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	78321	20.719	ug/l	90
28) Bromochloromethane	7.812	49	57915	24.615	ug/l #	69
29) Tetrahydrofuran	7.835	42	143569	107.040	ug/l	88
30) Chloroform	7.965	83	133328	22.098	ug/l	99
31) Cyclohexane	8.265	56	106143	19.448	ug/l #	82
32) 1,1,1-Trichloroethane	8.165	97	117331	21.353	ug/l	95
36) 1,1-Dichloropropene	8.377	75	93990	20.037	ug/l	96
37) Ethyl Acetate	7.565	43	86897	20.526	ug/l #	79
38) Carbon Tetrachloride	8.359	117	96913	20.420	ug/l	90
39) Methylcyclohexane	9.606	83	104893	19.182	ug/l	92
40) Benzene	8.606	78	291351	21.458	ug/l	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	50878	21.116	ug/l	95
42) 1,2-Dichloroethane	8.671	62	102419	21.621	ug/l	97
43) Isopropyl Acetate	8.688	43	152662	20.618	ug/l #	95
44) Trichloroethene	9.359	130	73615	20.356	ug/l	83
45) 1,2-Dichloropropane	9.623	63	73024	21.500	ug/l	94
46) Dibromomethane	9.712	93	50783	20.521	ug/l	92
47) Bromodichloromethane	9.888	83	101255	21.604	ug/l #	96
48) Methyl methacrylate	9.682	41	72951	21.174	ug/l	94
49) 1,4-Dioxane	9.694	88	28844	432.290	ug/l #	72
51) 4-Methyl-2-Pentanone	10.447	43	471123	110.611	ug/l	97
52) Toluene	10.629	92	181821	21.153	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	110767	21.267	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	114572	20.360	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	71292	21.564	ug/l	94
56) Ethyl methacrylate	10.876	69	106555	21.089	ug/l	88
57) 1,3-Dichloropropane	11.165	76	125508	21.956	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	258321	101.894	ug/l #	89
59) 2-Hexanone	11.200	43	353093	104.565	ug/l	96
60) Dibromochloromethane	11.359	129	75310	21.443	ug/l	98
61) 1,2-Dibromoethane	11.476	107	71654	20.611	ug/l	97
64) Tetrachloroethene	11.106	164	69289	23.338	ug/l	95
65) Chlorobenzene	11.894	112	193314	20.533	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	70182	20.754	ug/l	99
67) Ethyl Benzene	11.965	91	346556	20.571	ug/l	99
68) m/p-Xylenes	12.070	106	262506	40.652	ug/l	96
69) o-Xylene	12.400	106	131078	20.478	ug/l	93
70) Styrene	12.412	104	206950	20.403	ug/l	97
71) Bromoform	12.576	173	43821	20.426	ug/l #	90
73) Isopropylbenzene	12.700	105	331614	19.041	ug/l	98
74) N-amyl acetate	12.494	43	131651	17.886	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	97783	19.968	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	129107	28.547	ug/l	62
77) Bromobenzene	12.982	156	74938	19.298	ug/l	76
78) n-propylbenzene	13.035	91	400441	19.973	ug/l	97
79) 2-Chlorotoluene	13.129	91	240126	19.527	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	282038	19.974	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	29614	16.854	ug/l #	72
82) 4-Chlorotoluene	13.223	91	235701	19.602	ug/l	94
83) tert-Butylbenzene	13.441	119	234148	19.177	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	287048	20.400	ug/l	98
85) sec-Butylbenzene	13.617	105	349526	20.592	ug/l	95
86) p-Isopropyltoluene	13.729	119	284076	20.149	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	143488	19.556	ug/l	94
88) 1,4-Dichlorobenzene	13.811	146	140933	19.548	ug/l	99
89) n-Butylbenzene	14.059	91	255960	20.839	ug/l	97
90) Hexachloroethane	14.335	117	47506	20.385	ug/l	95
91) 1,2-Dichlorobenzene	14.111	146	138002	19.501	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	19164	18.822	ug/l	81
93) 1,2,4-Trichlorobenzene	15.400	180	73584	18.639	ug/l	98
94) Hexachlorobutadiene	15.500	225	28322	19.236	ug/l	98
95) Naphthalene	15.641	128	261640	18.085	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	73943	18.880	ug/l	96

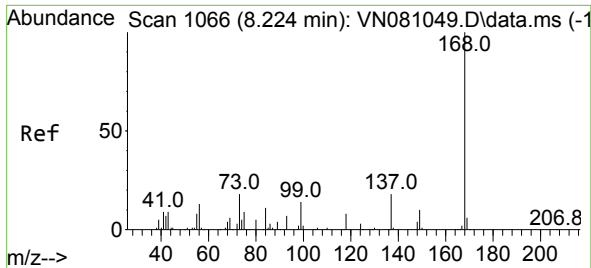
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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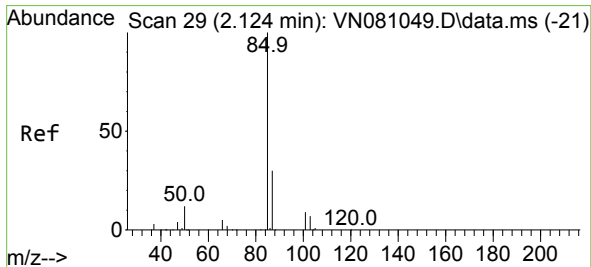
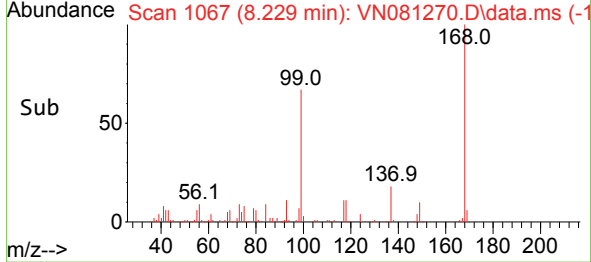
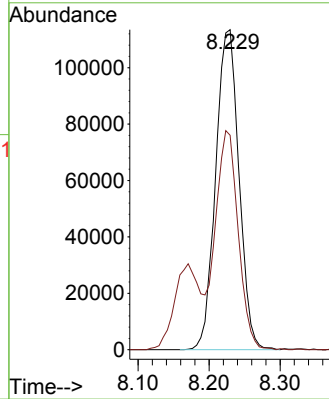
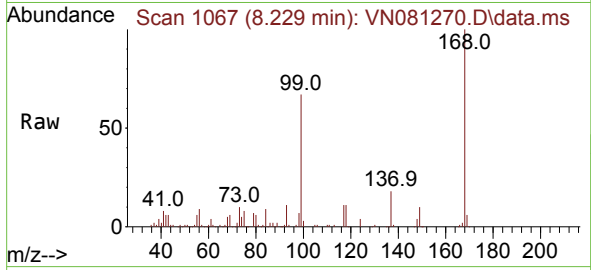
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

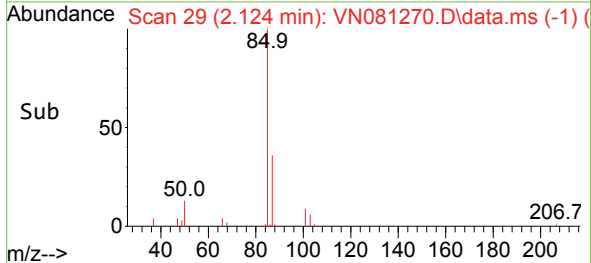
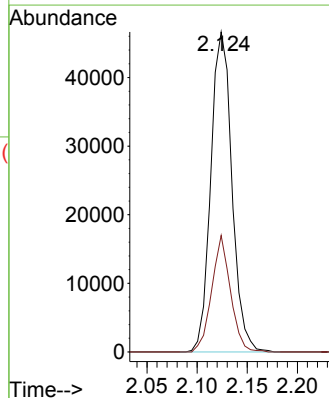
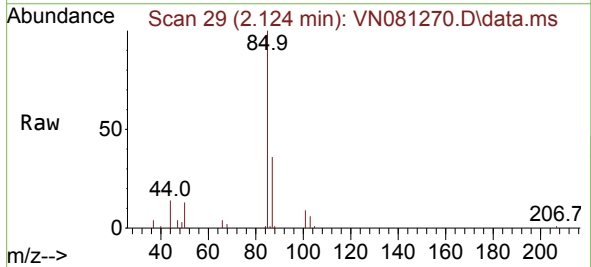
Instrument :
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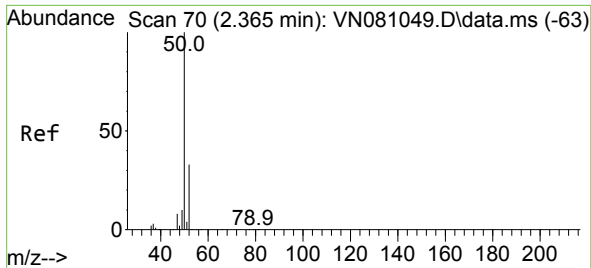
Tgt Ion:168 Resp: 257872
Ion Ratio Lower Upper
168 100
99 66.7 59.9 89.9



#2
Dichlorodifluoromethane
Concen: 20.506 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

Tgt Ion: 85 Resp: 68385
Ion Ratio Lower Upper
85 100
87 36.4 15.3 45.9

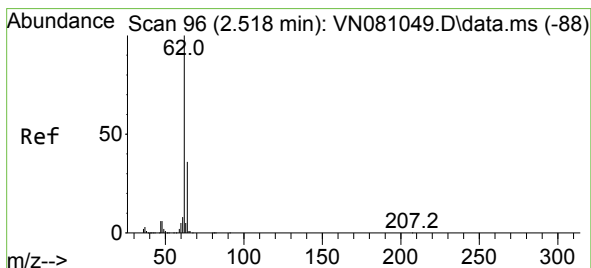
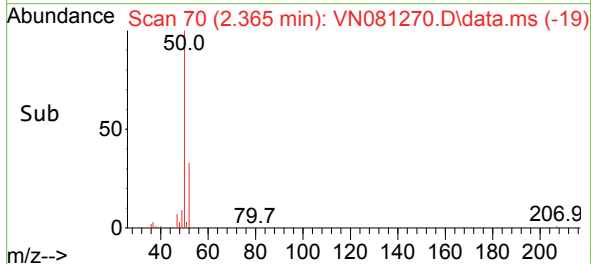
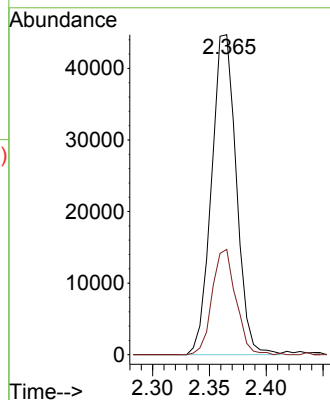
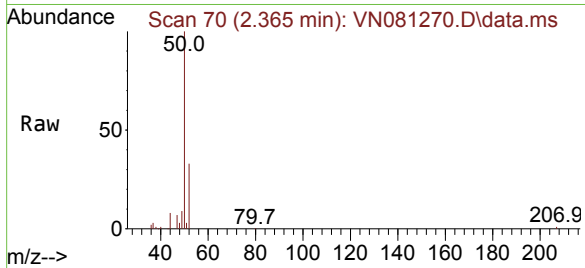




#3
Chloromethane
Concen: 17.889 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

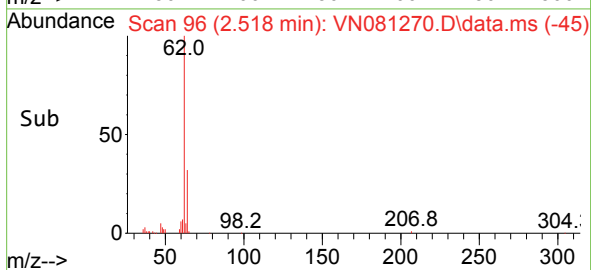
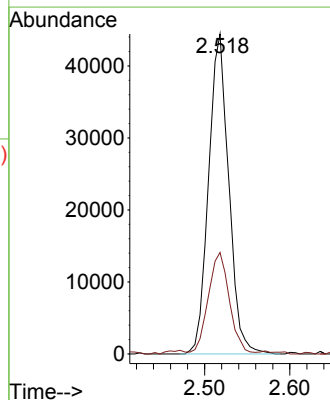
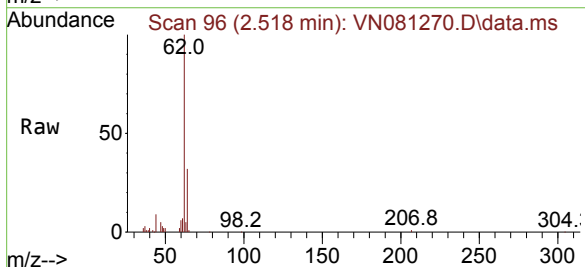
Instrument :
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ClientSampleId :
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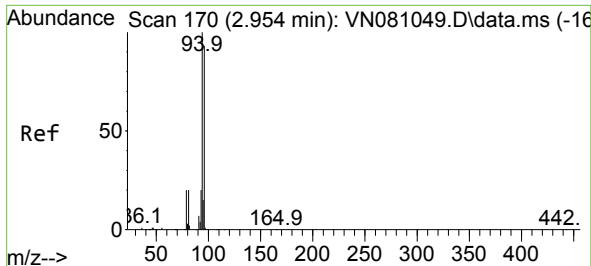
Tgt Ion: 50 Resp: 67851
Ion Ratio Lower Upper
50 100
52 32.9 25.0 37.4



#4
Vinyl Chloride
Concen: 19.706 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

Tgt Ion: 62 Resp: 72998
Ion Ratio Lower Upper
62 100
64 31.1 22.7 34.1

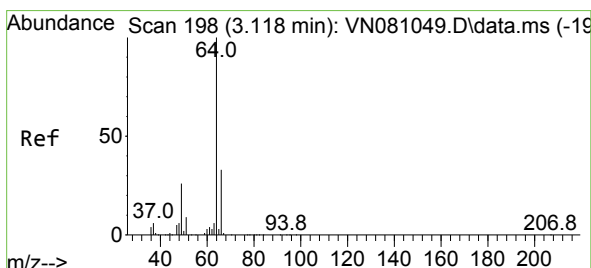
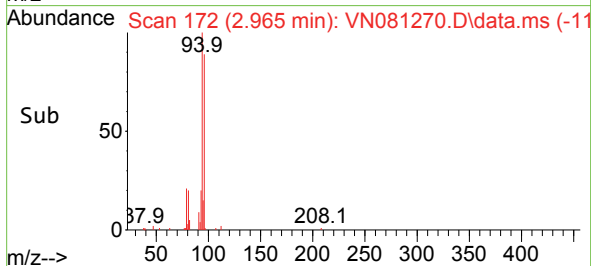
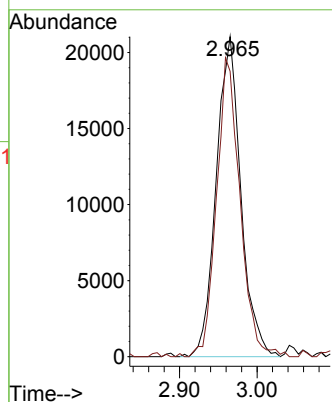
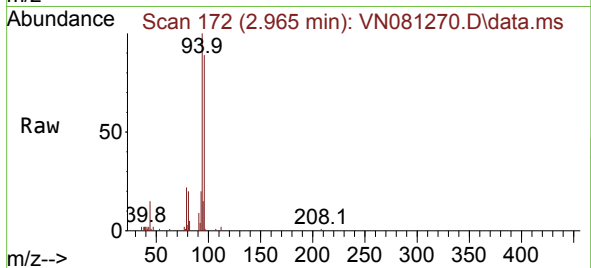




#5
Bromomethane
Concen: 17.695 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

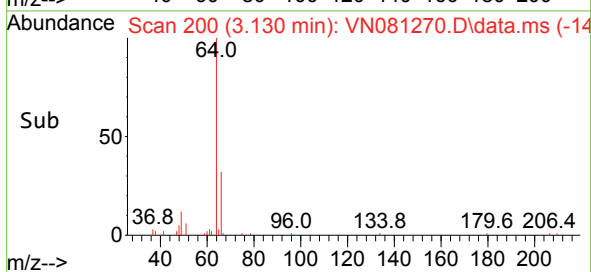
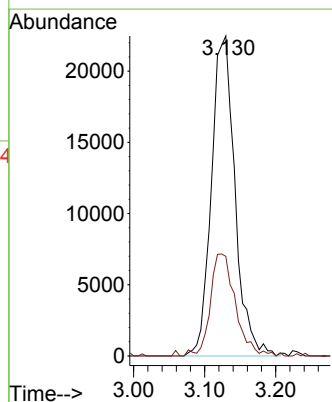
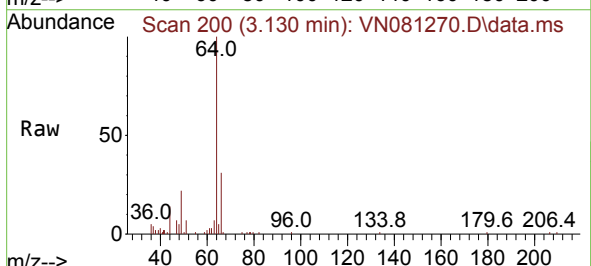
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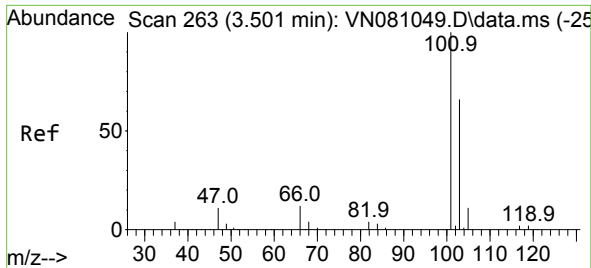
Tgt Ion: 94 Resp: 46557
Ion Ratio Lower Upper
94 100
96 88.4 69.2 103.8



#6
Chloroethane
Concen: 21.096 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.012 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

Tgt Ion: 64 Resp: 51745
Ion Ratio Lower Upper
64 100
66 31.1 26.4 39.6

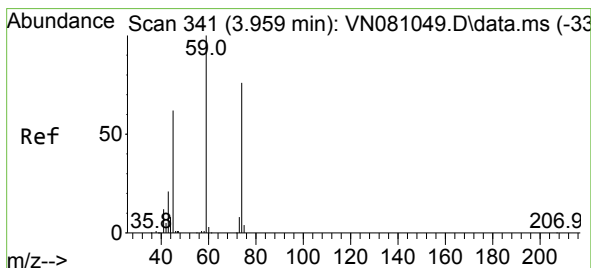
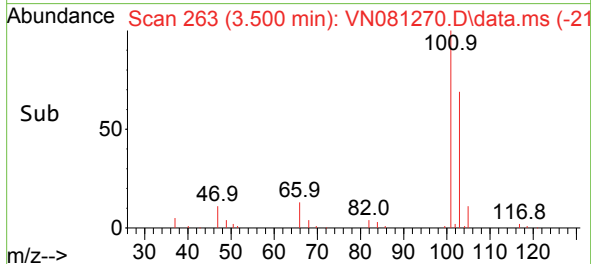
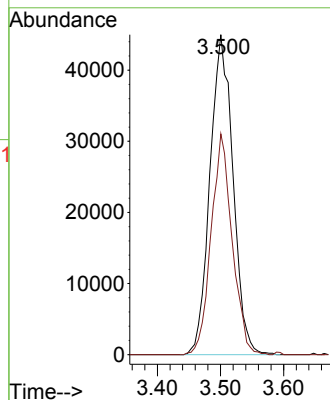
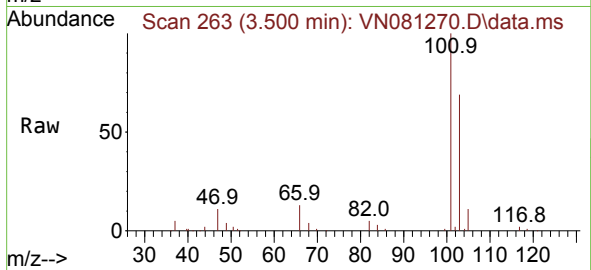




#7
 Trichlorofluoromethane
 Concen: 21.034 ug/l
 RT: 3.500 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VN081270.D
 Acq: 29 Feb 2024 16:15

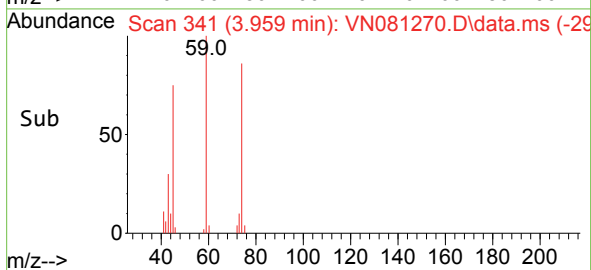
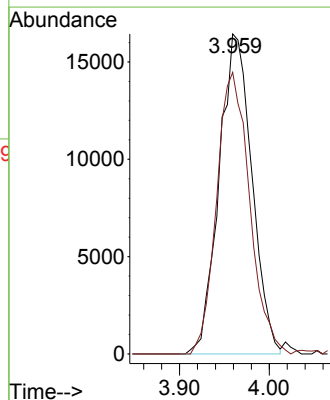
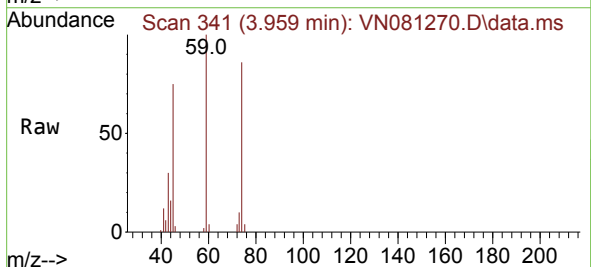
Instrument :
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 ClientSampleId :
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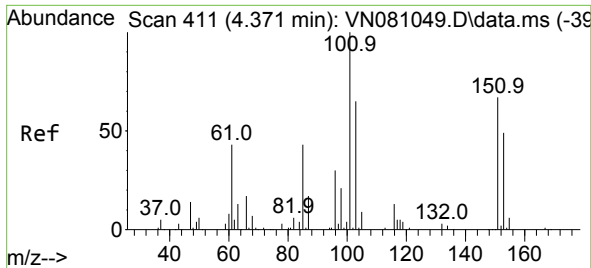
Tgt Ion:101 Resp: 113827
 Ion Ratio Lower Upper
 101 100
 103 69.0 54.4 81.6



#8
 Diethyl Ether
 Concen: 21.100 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN081270.D
 Acq: 29 Feb 2024 16:15

Tgt Ion: 74 Resp: 41747
 Ion Ratio Lower Upper
 74 100
 45 88.4 53.3 159.9

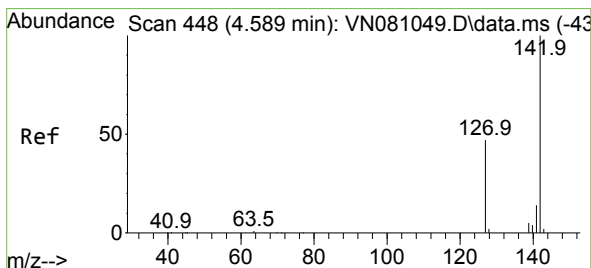
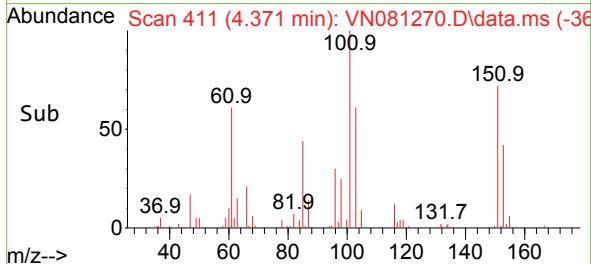
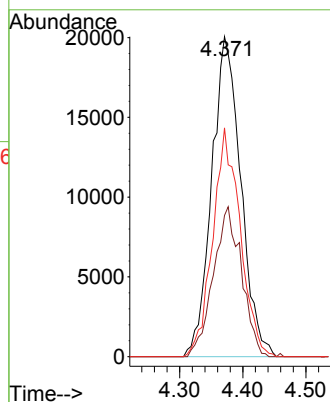
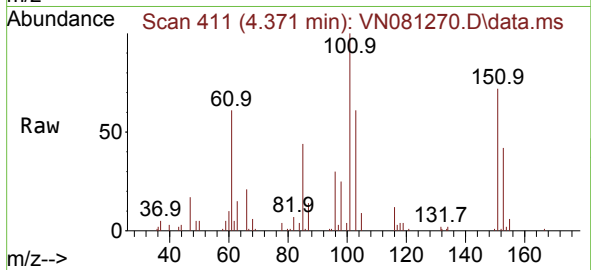




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.227 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

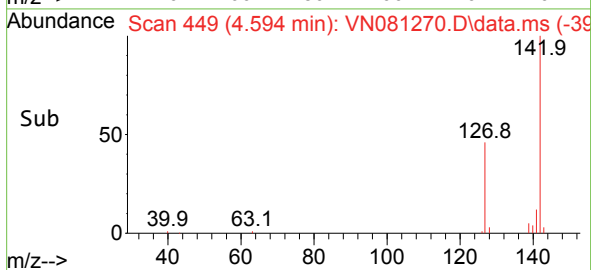
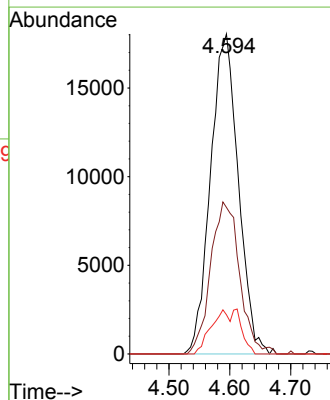
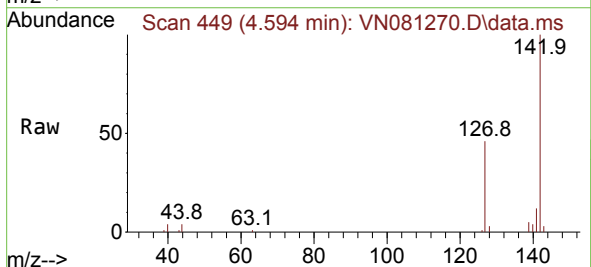
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBSD01

Tgt Ion:101 Resp: 64037
Ion Ratio Lower Upper
101 100
85 45.5 38.1 57.1
151 67.4 49.1 73.7



#10
Methyl Iodide
Concen: 16.999 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

Tgt Ion:142 Resp: 57244
Ion Ratio Lower Upper
142 100
127 45.8 37.0 55.4
141 12.3 12.5 18.7#

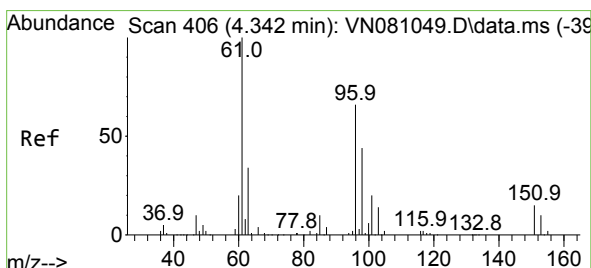
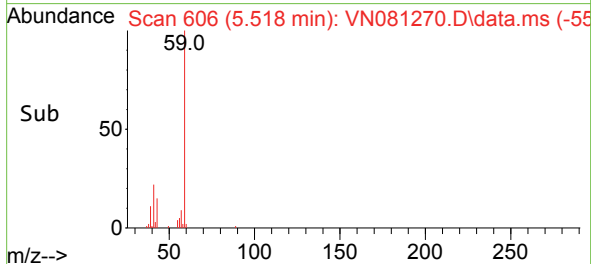
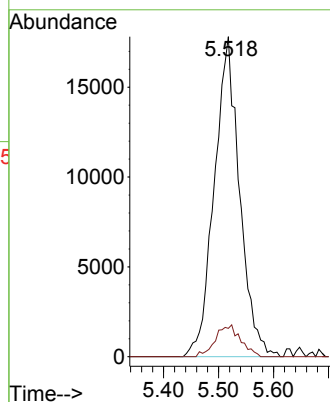
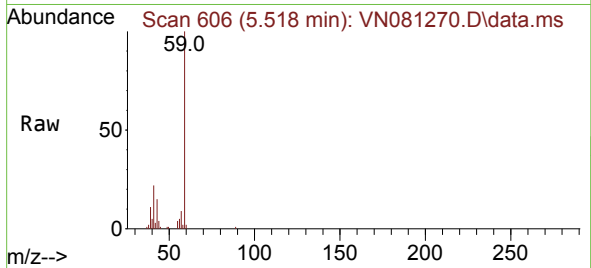




#11
Tert butyl alcohol
Concen: 98.037 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

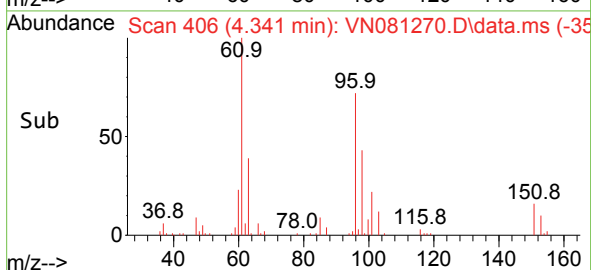
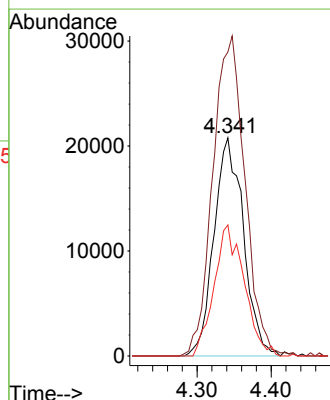
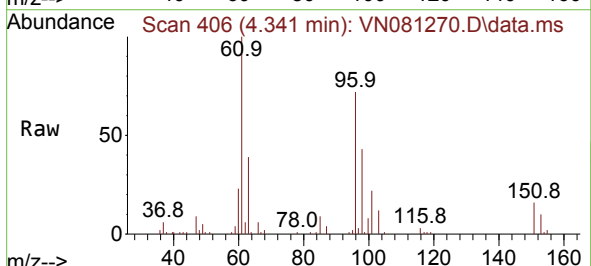
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBSD01

Tgt Ion: 59 Resp: 56987
Ion Ratio Lower Upper
59 100
57 9.9 8.6 12.8



#12
1,1-Dichloroethene
Concen: 19.665 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.001 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

Tgt Ion: 96 Resp: 57346
Ion Ratio Lower Upper
96 100
61 139.4 138.2 207.4
98 60.1 49.2 73.8

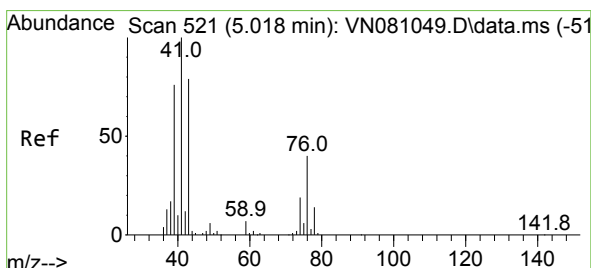
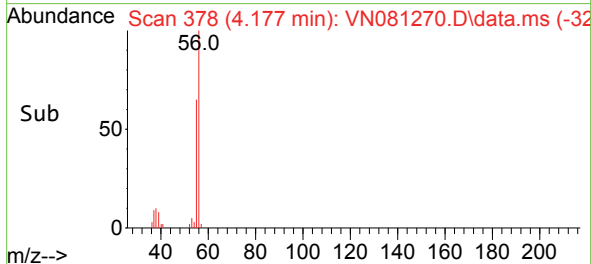
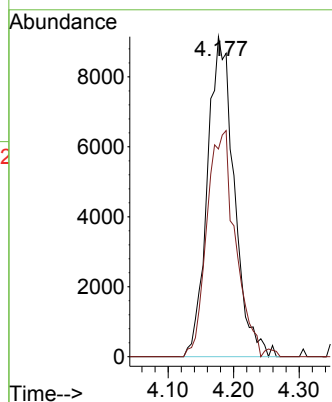
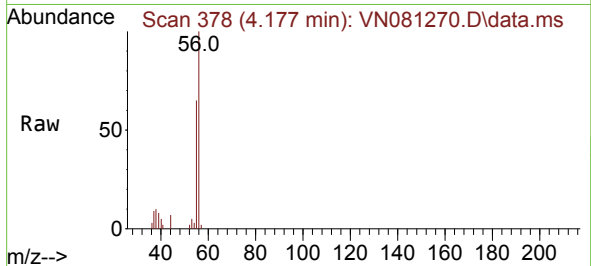




#13
Acrolein
Concen: 83.469 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

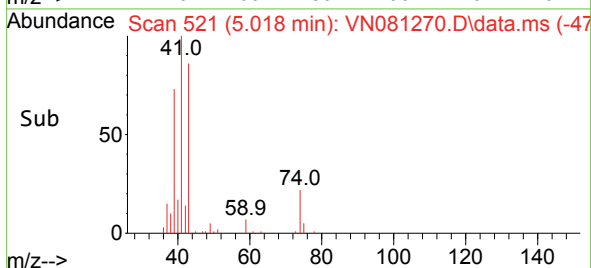
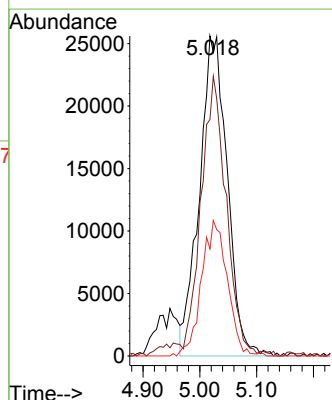
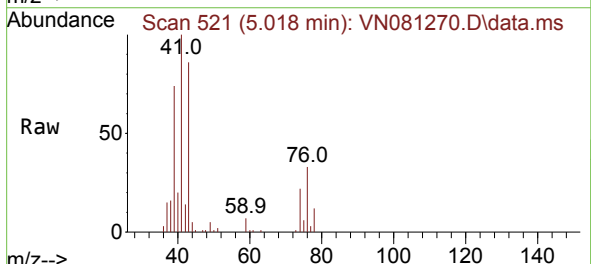
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBSD01

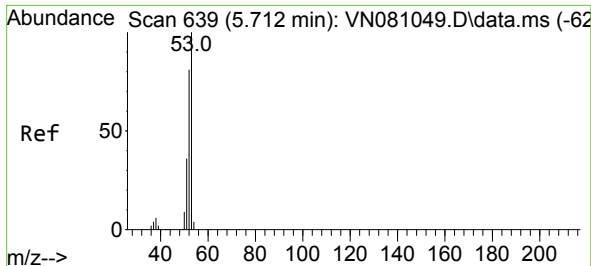
Tgt Ion: 56 Resp: 26005
Ion Ratio Lower Upper
56 100
55 74.9 55.3 82.9



#14
Allyl chloride
Concen: 20.225 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

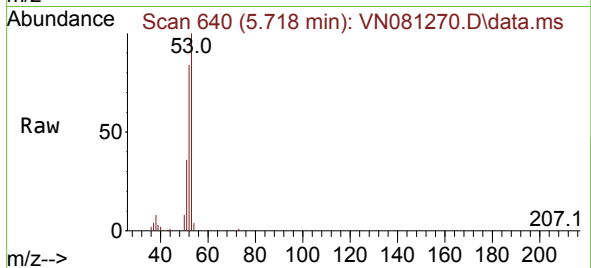
Tgt Ion: 41 Resp: 87513
Ion Ratio Lower Upper
41 100
39 78.8 57.7 86.5
76 39.0 26.8 40.2



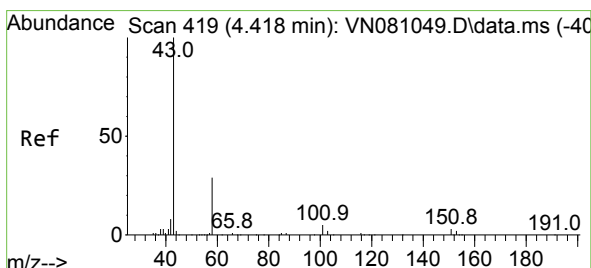
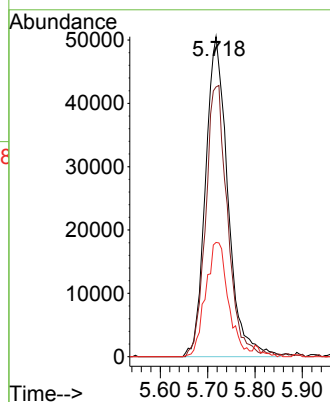
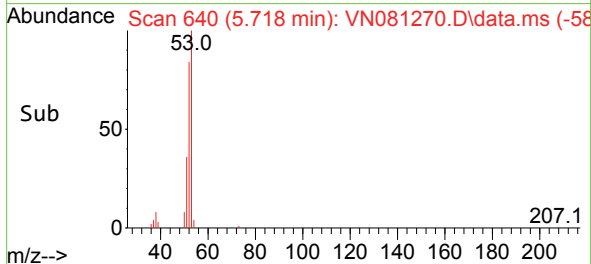


#15
Acrylonitrile
Concen: 109.006 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

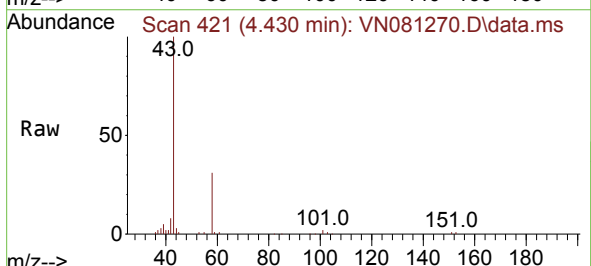
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBSD01



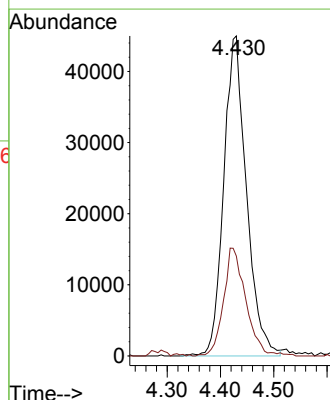
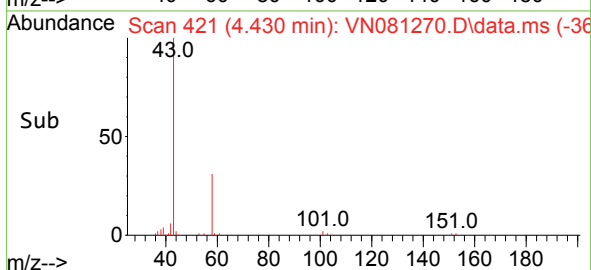
Tgt Ion: 53 Resp: 165484
Ion Ratio Lower Upper
53 100
52 82.8 64.8 97.2
51 36.6 26.9 40.3

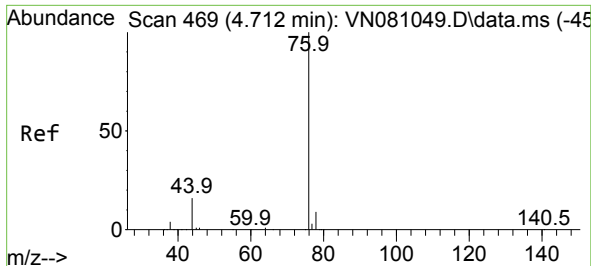


#16
Acetone
Concen: 107.199 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15



Tgt Ion: 43 Resp: 133323
Ion Ratio Lower Upper
43 100
58 30.8 24.8 37.2

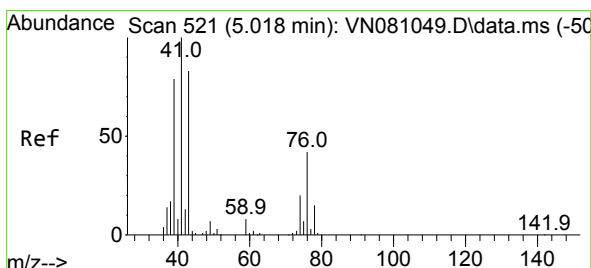
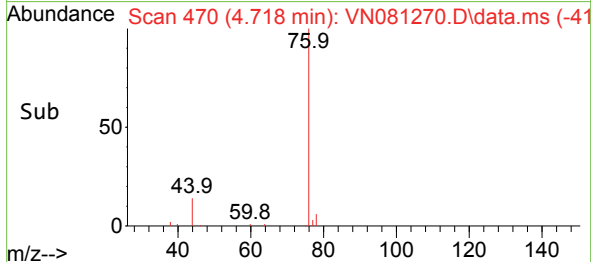
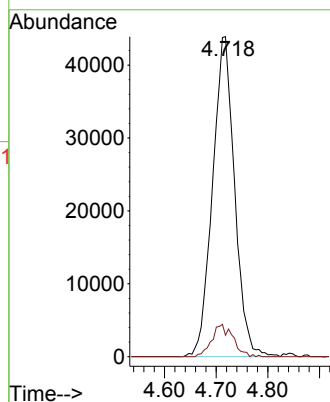
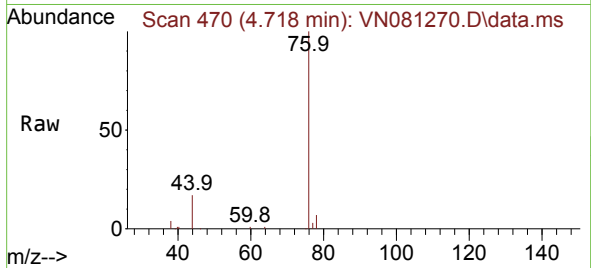




#17
Carbon Disulfide
Concen: 15.998 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

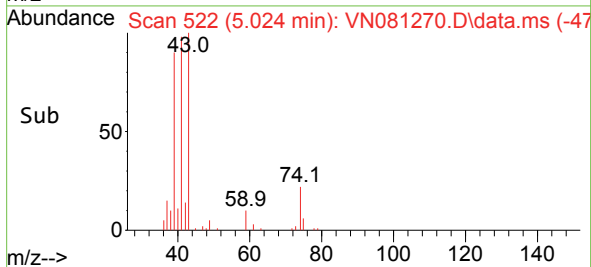
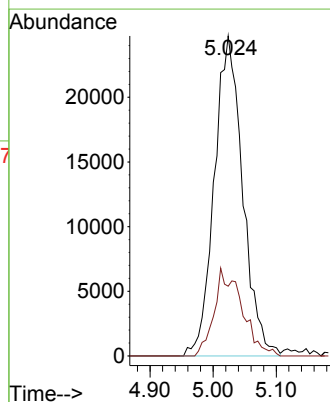
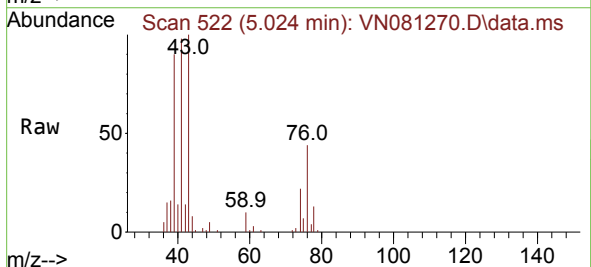
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBSD01

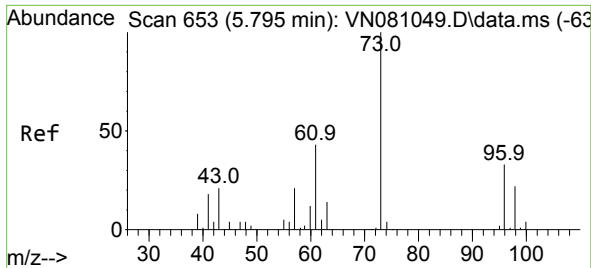
Tgt Ion: 76 Resp: 130125
Ion Ratio Lower Upper
76 100
78 6.7 6.3 9.5



#18
Methyl Acetate
Concen: 25.499 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

Tgt Ion: 43 Resp: 77362
Ion Ratio Lower Upper
43 100
74 13.6 17.3 25.9#

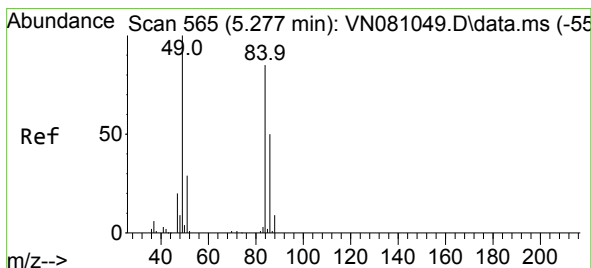
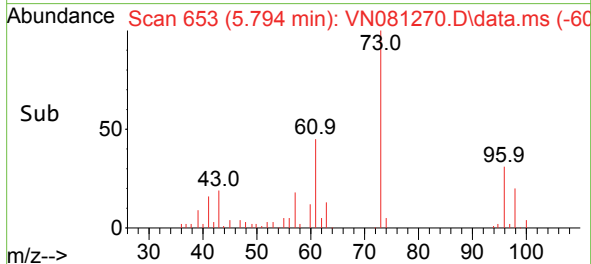
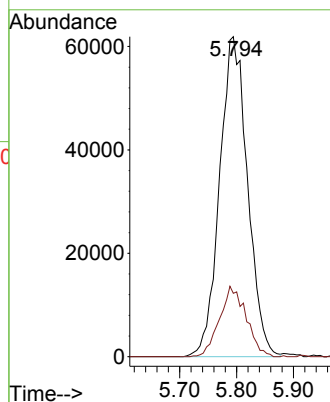
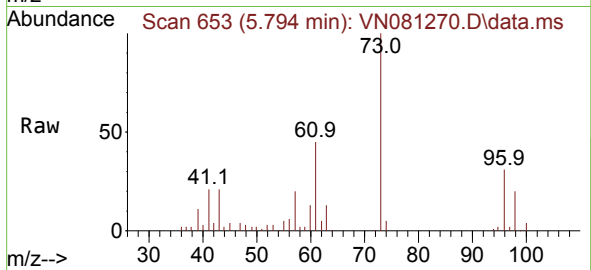




#19
Methyl tert-butyl Ether
Concen: 21.155 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

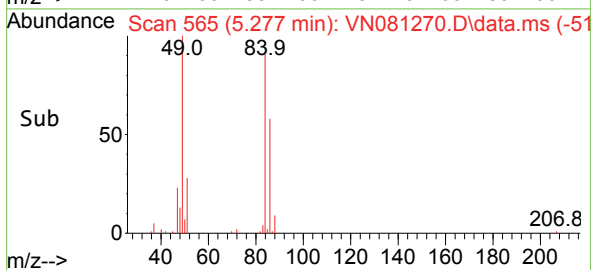
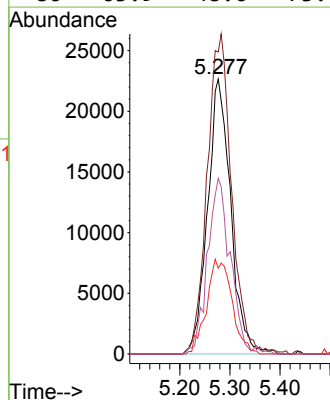
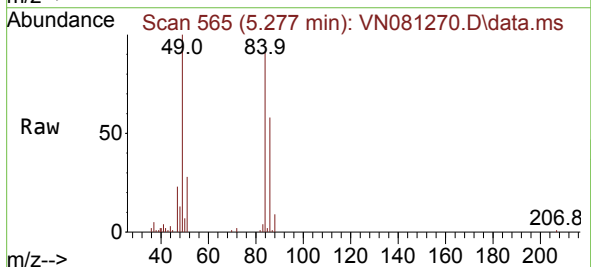
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBSD01

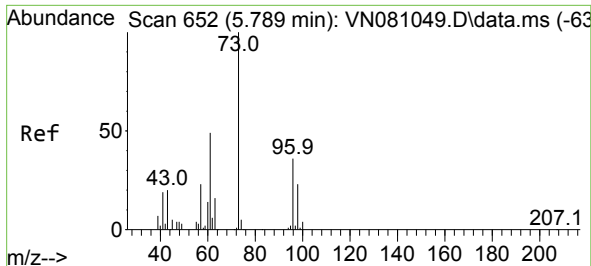
Tgt Ion: 73 Resp: 211296
Ion Ratio Lower Upper
73 100
57 19.8 18.2 27.4



#20
Methylene Chloride
Concen: 22.049 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

Tgt Ion: 84 Resp: 72612
Ion Ratio Lower Upper
84 100
49 109.8 108.1 162.1
51 31.2 32.9 49.3#
86 63.9 48.6 73.0

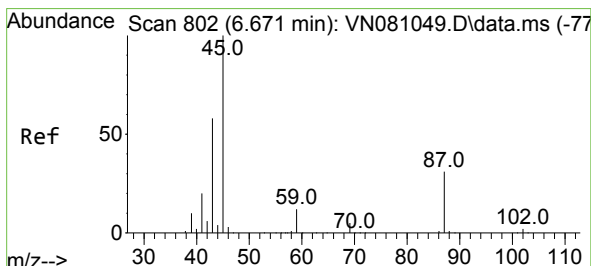
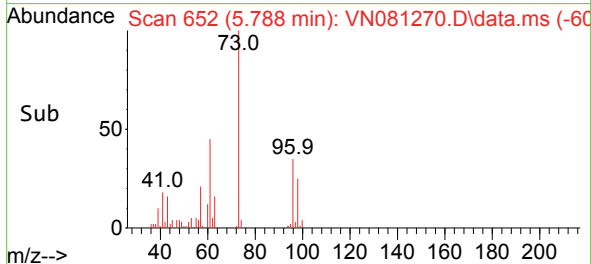
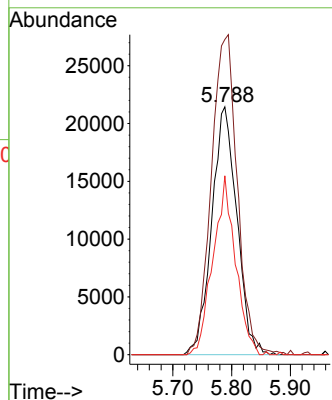
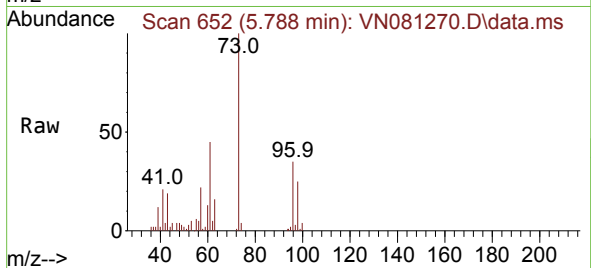




#21
trans-1,2-Dichloroethene
Concen: 19.542 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

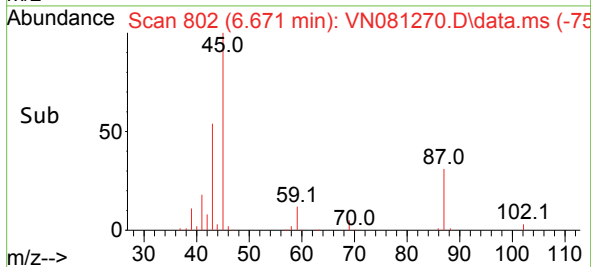
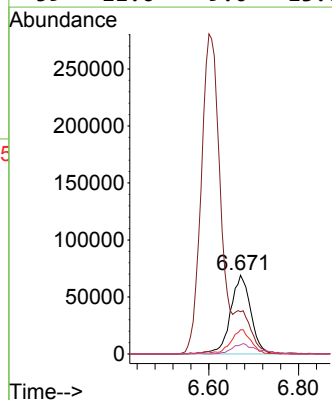
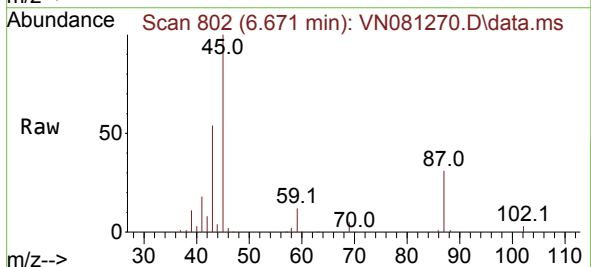
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBSD01

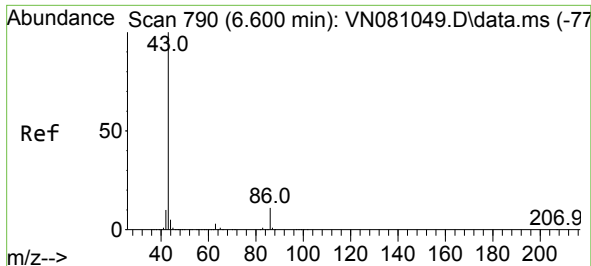
Tgt Ion: 96 Resp: 63583
Ion Ratio Lower Upper
96 100
61 127.2 112.8 169.2
98 72.2 51.0 76.4



#22
Diisopropyl ether
Concen: 22.025 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

Tgt Ion: 45 Resp: 216186
Ion Ratio Lower Upper
45 100
43 53.2 41.8 62.8
87 30.8 18.1 27.1#
59 11.6 9.0 13.6

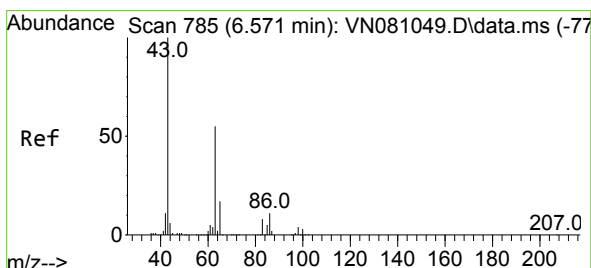
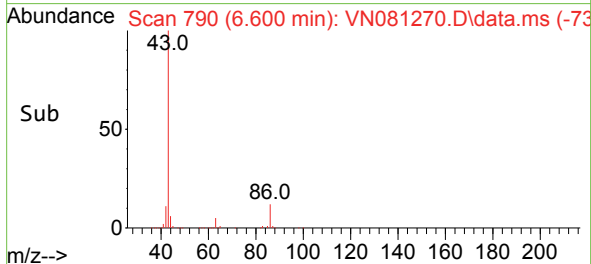
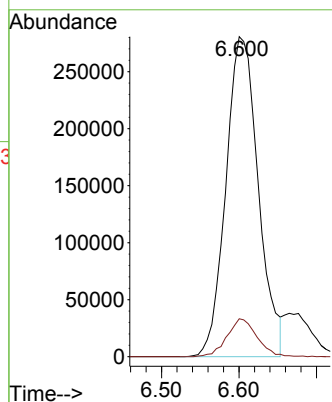
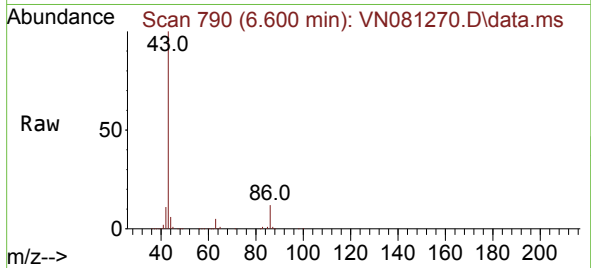




#23
 Vinyl Acetate
 Concen: 102.698 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN081270.D
 Acq: 29 Feb 2024 16:15

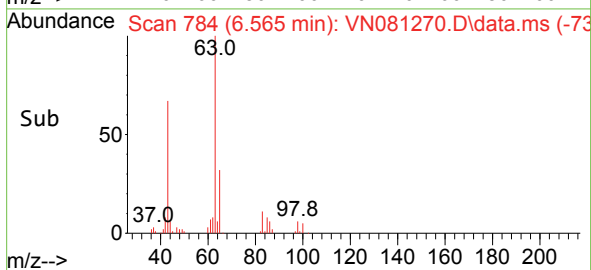
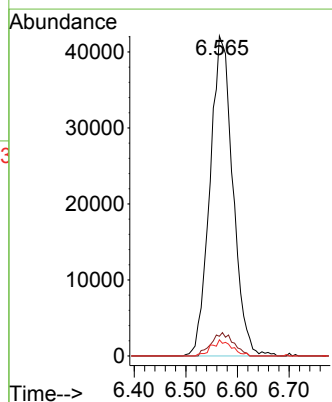
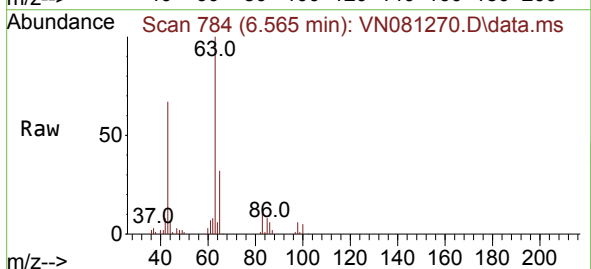
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0229WBSD01

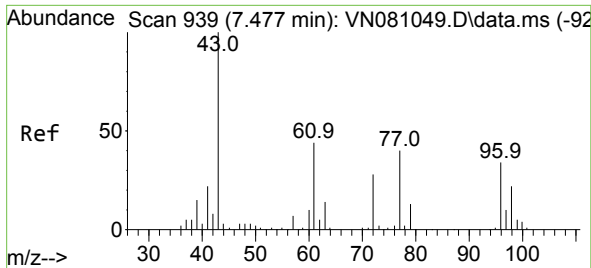
Tgt Ion: 43 Resp: 817848
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 22.868 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN081270.D
 Acq: 29 Feb 2024 16:15

Tgt Ion: 63 Resp: 129783
 Ion Ratio Lower Upper
 63 100
 98 6.1 2.9 8.6
 100 5.1 1.9 5.7

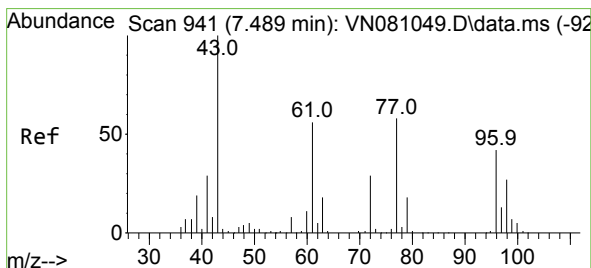
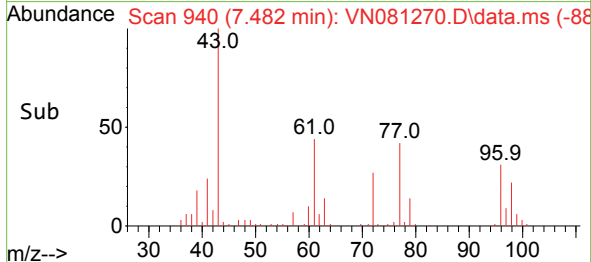
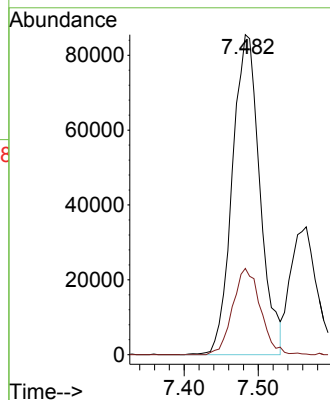
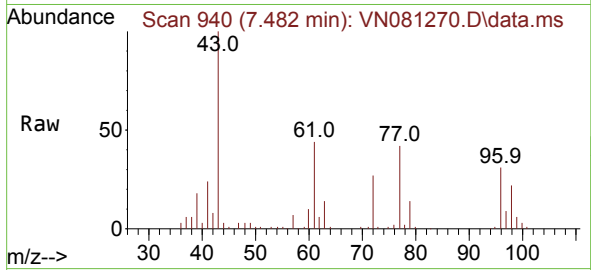




#25
2-Butanone
Concen: 110.033 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

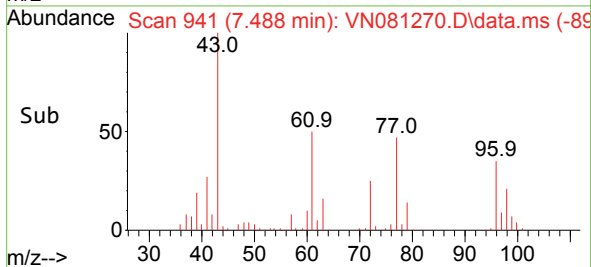
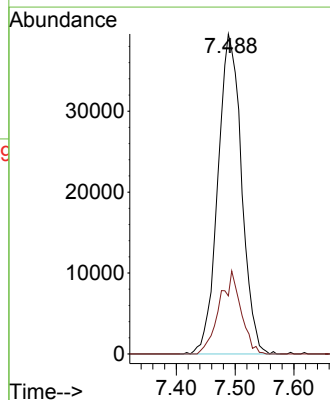
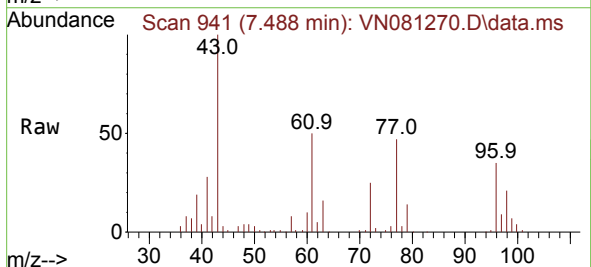
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBSD01

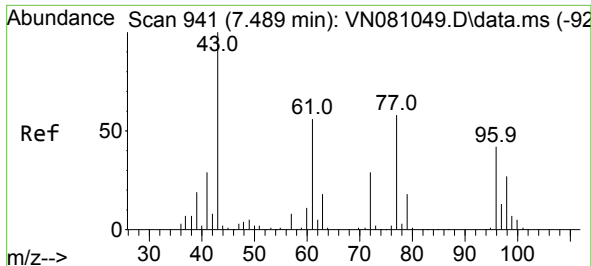
Tgt Ion: 43 Resp: 221082
Ion Ratio Lower Upper
43 100
72 27.0 19.5 29.3



#26
2,2-Dichloropropane
Concen: 20.806 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

Tgt Ion: 77 Resp: 110641
Ion Ratio Lower Upper
77 100
97 23.8 11.5 34.5

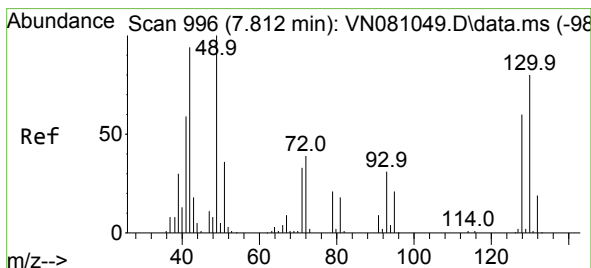
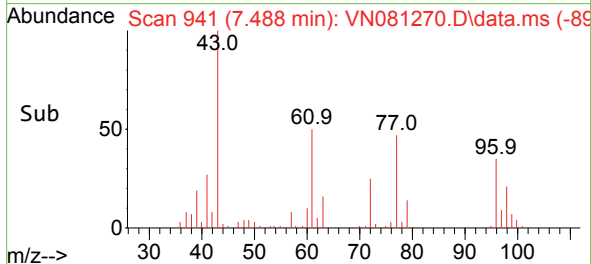
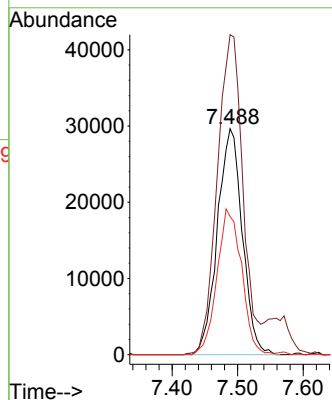
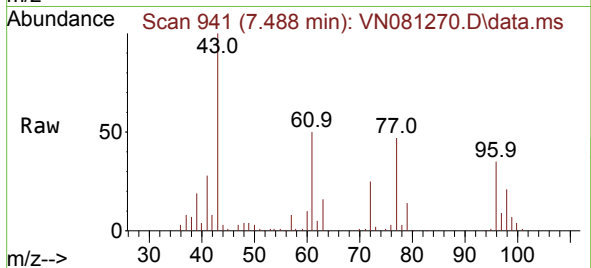




#27
 cis-1,2-Dichloroethene
 Concen: 20.719 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN081270.D
 Acq: 29 Feb 2024 16:15

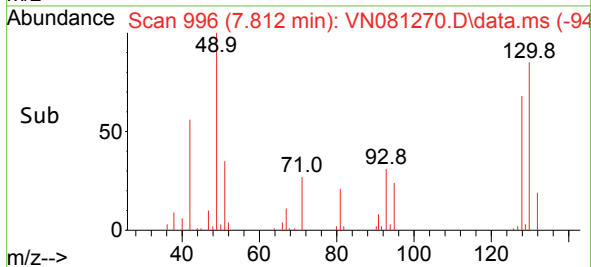
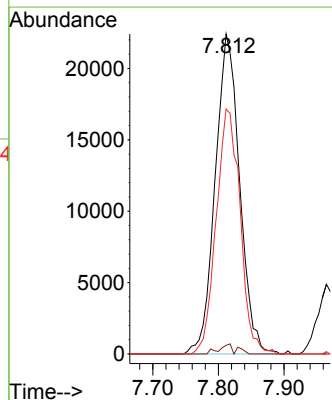
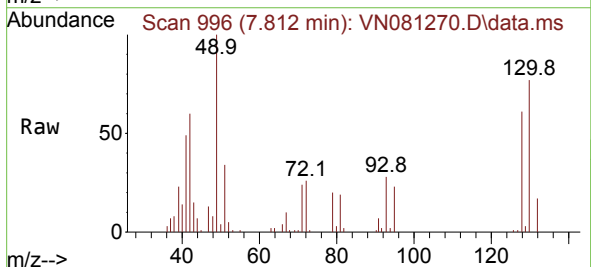
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0229WBSD01

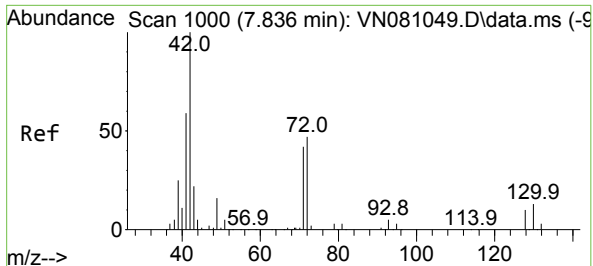
Tgt Ion: 96 Resp: 78321
 Ion Ratio Lower Upper
 96 100
 61 145.4 0.0 325.4
 98 63.6 0.0 130.4



#28
 Bromochloromethane
 Concen: 24.615 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN081270.D
 Acq: 29 Feb 2024 16:15

Tgt Ion: 49 Resp: 57915
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 1.6
 130 75.1 42.3 63.5#





#29

Tetrahydrofuran

Concen: 107.040 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN081270.D

Acq: 29 Feb 2024 16:15

Instrument :

MSVOA_N

ClientSampleId :

VN0229WBSD01

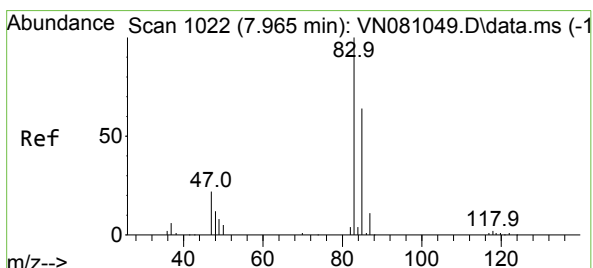
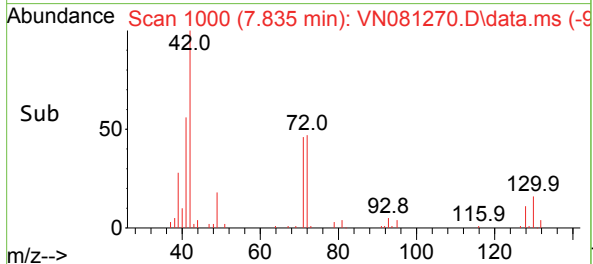
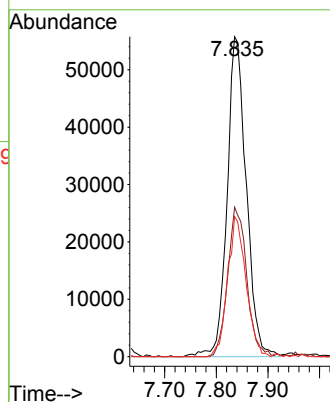
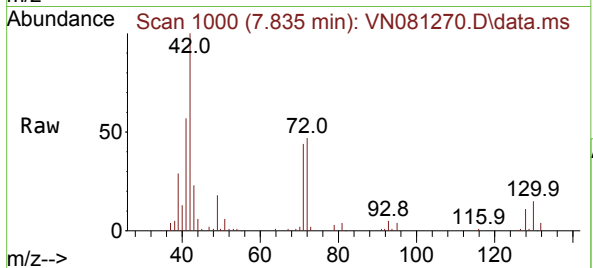
Tgt Ion: 42 Resp: 143569

Ion Ratio Lower Upper

42 100

72 46.4 31.1 46.7

71 42.4 28.3 42.5



#30

Chloroform

Concen: 22.098 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN081270.D

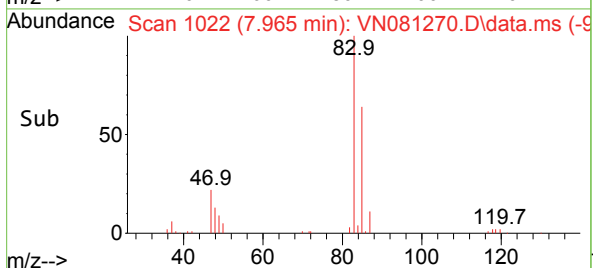
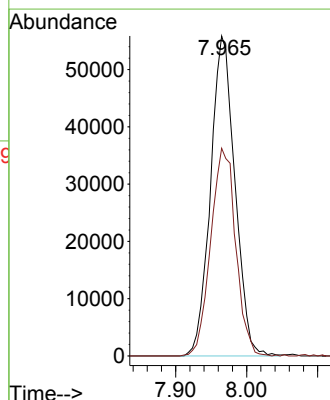
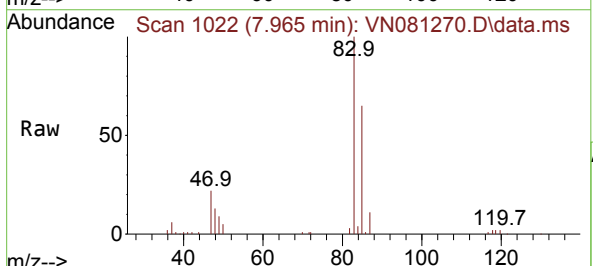
Acq: 29 Feb 2024 16:15

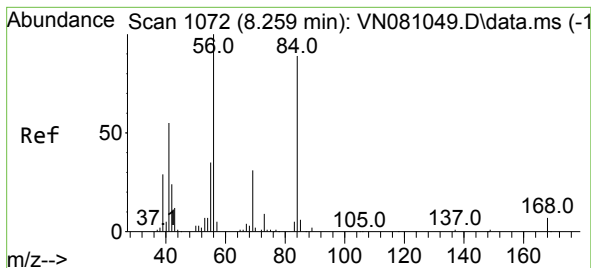
Tgt Ion: 83 Resp: 133328

Ion Ratio Lower Upper

83 100

85 64.9 51.0 76.6





#31

Cyclohexane

Concen: 19.448 ug/l

RT: 8.265 min Scan# 1072

Delta R.T. 0.006 min

Lab File: VN081270.D

Acq: 29 Feb 2024 16:15

Instrument :

MSVOA_N

ClientSampleId :

VN0229WBSD01

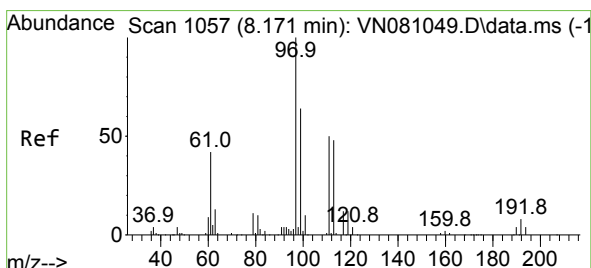
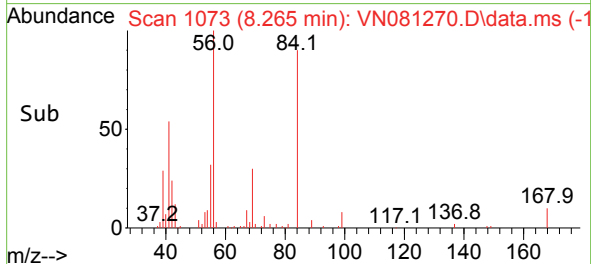
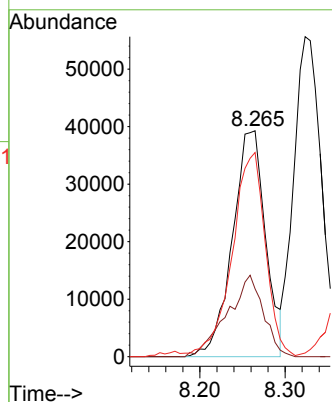
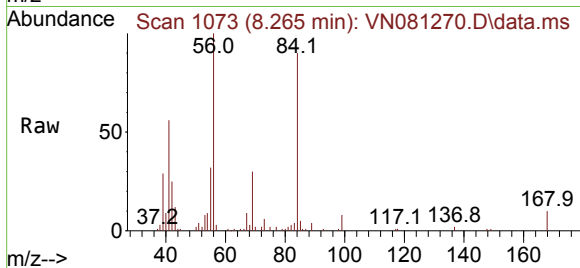
Tgt Ion: 56 Resp: 106143

Ion Ratio Lower Upper

56 100

69 30.0 20.1 30.1

84 88.9 56.9 85.3#



#32

1,1,1-Trichloroethane

Concen: 21.353 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081270.D

Acq: 29 Feb 2024 16:15

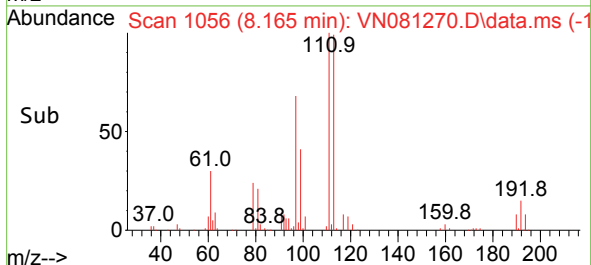
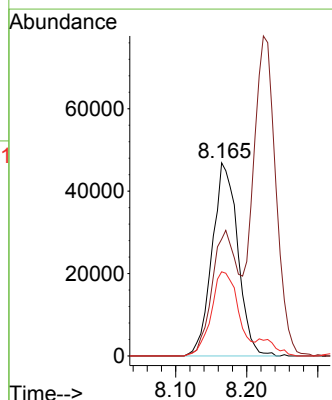
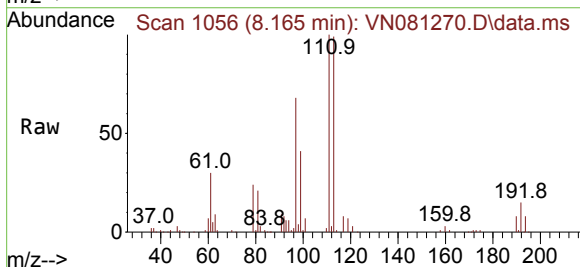
Tgt Ion: 97 Resp: 117331

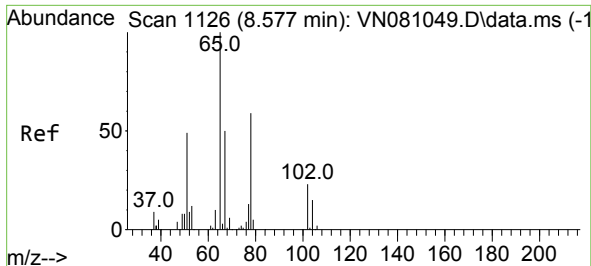
Ion Ratio Lower Upper

97 100

99 66.4 53.4 80.0

61 46.5 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 57.822 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081270.D

Acq: 29 Feb 2024 16:15

Instrument :

MSVOA_N

ClientSampleId :

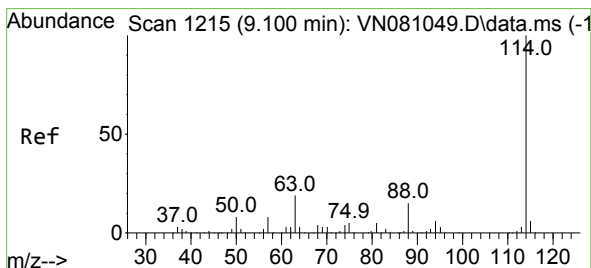
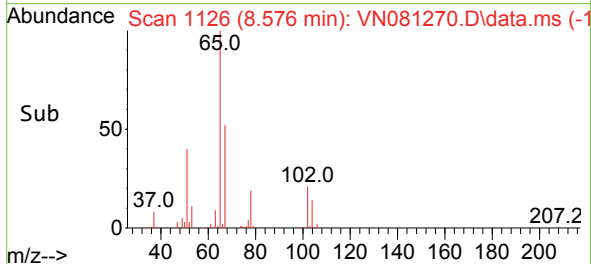
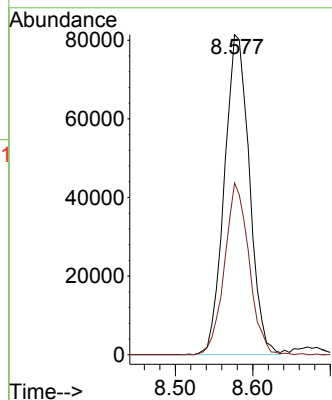
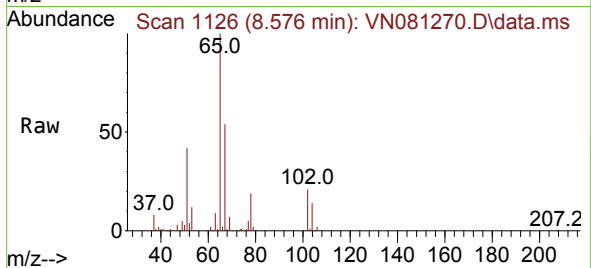
VN0229WBSD01

Tgt Ion: 65 Resp: 182763

Ion Ratio Lower Upper

65 100

67 52.5 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: VN081270.D

Acq: 29 Feb 2024 16:15

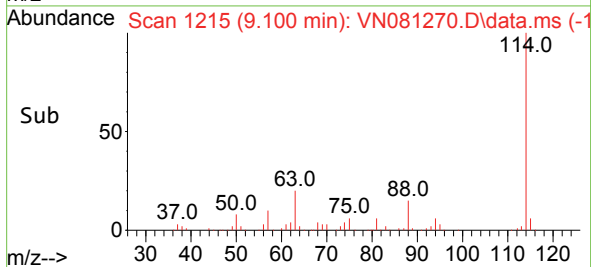
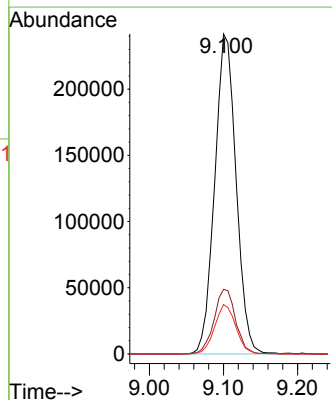
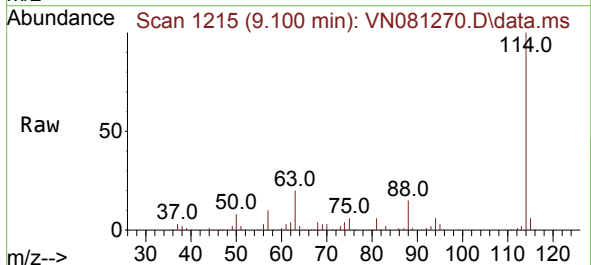
Tgt Ion: 114 Resp: 484209

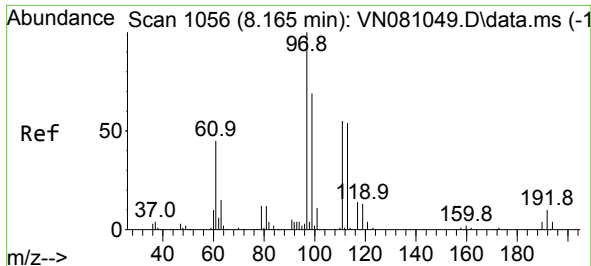
Ion Ratio Lower Upper

114 100

63 20.2 0.0 48.0

88 15.4 0.0 34.8

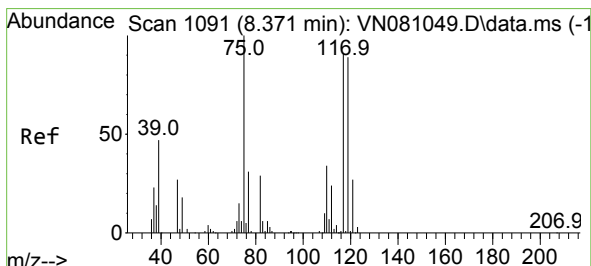
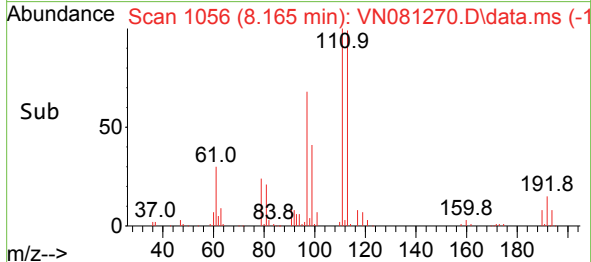
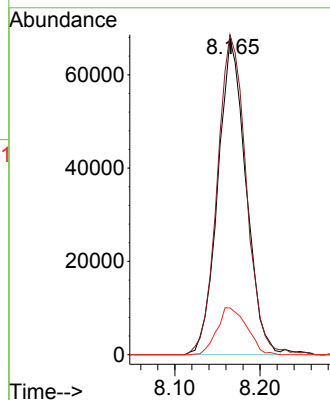
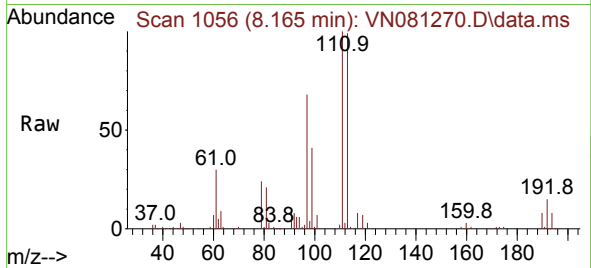




#35
Dibromofluoromethane
Concen: 56.653 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

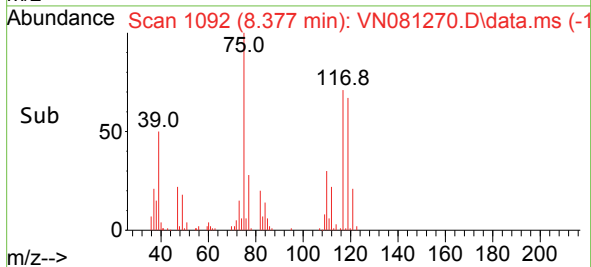
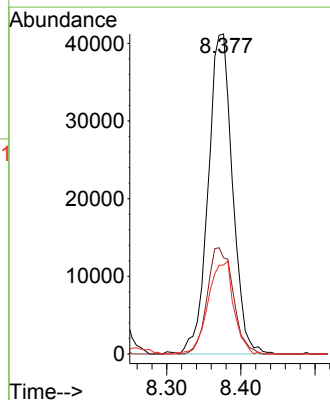
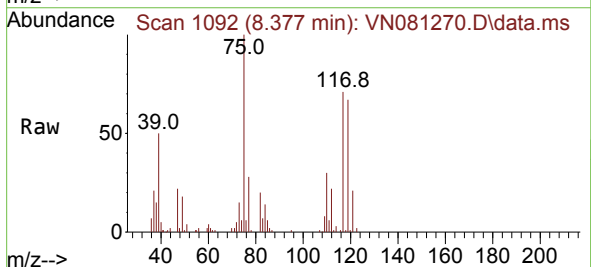
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBSD01

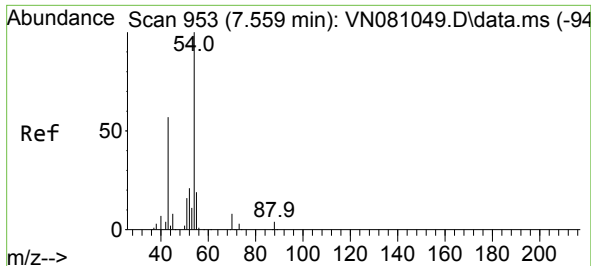
Tgt Ion:113 Resp: 155120
Ion Ratio Lower Upper
113 100
111 104.9 82.2 123.4
192 15.8 12.5 18.7



#36
1,1-Dichloropropene
Concen: 20.037 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

Tgt Ion: 75 Resp: 93990
Ion Ratio Lower Upper
75 100
110 35.3 16.0 48.0
77 30.5 25.8 38.6

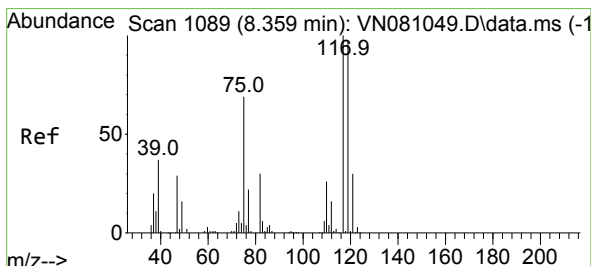
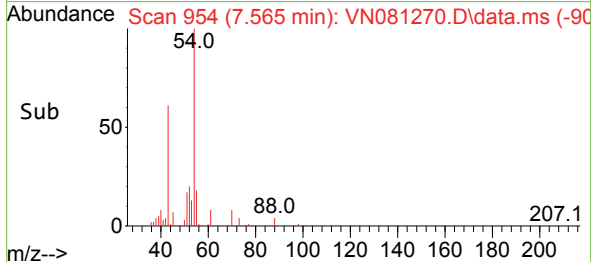
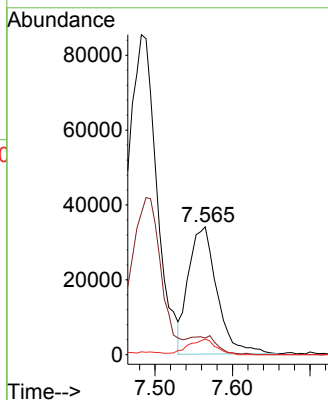
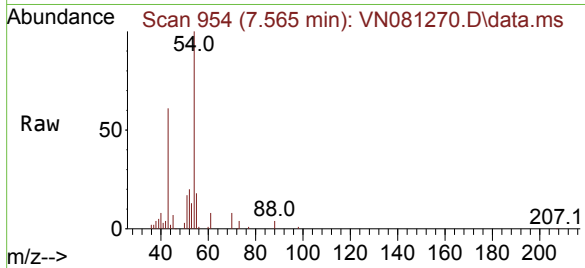




#37
Ethyl Acetate
Concen: 20.526 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

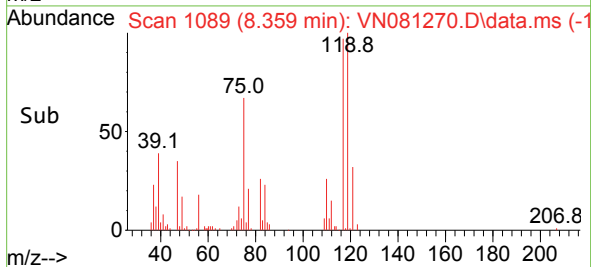
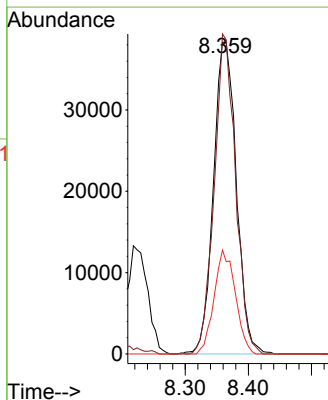
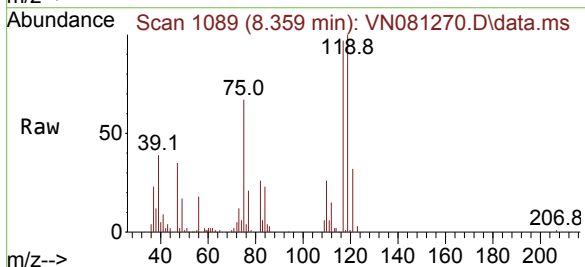
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBSD01

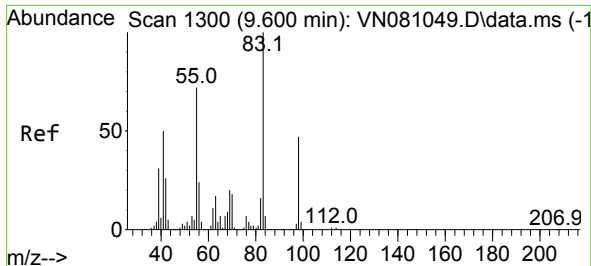
Tgt Ion: 43 Resp: 86897
Ion Ratio Lower Upper
43 100
61 0.0 10.6 15.8#
70 11.8 8.0 12.0



#38
Carbon Tetrachloride
Concen: 20.420 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

Tgt Ion: 117 Resp: 96913
Ion Ratio Lower Upper
117 100
119 102.7 73.4 110.2
121 33.3 24.4 36.6





#39

Methylcyclohexane

Concen: 19.182 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. 0.006 min

Lab File: VN081270.D

Acq: 29 Feb 2024 16:15

Instrument :

MSVOA_N

ClientSampleId :

VN0229WBSD01

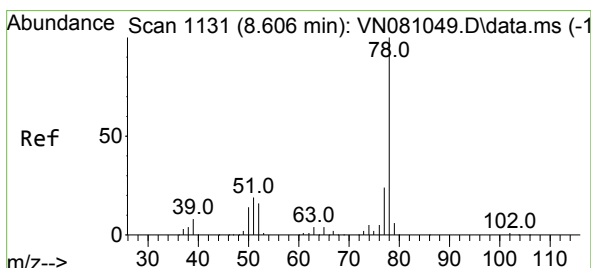
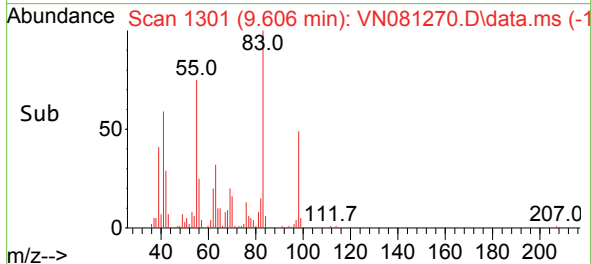
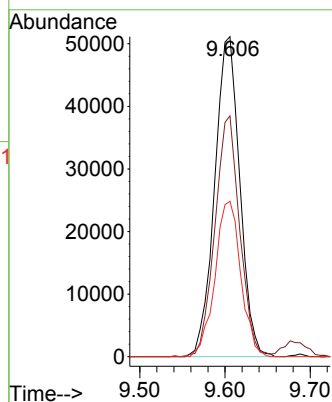
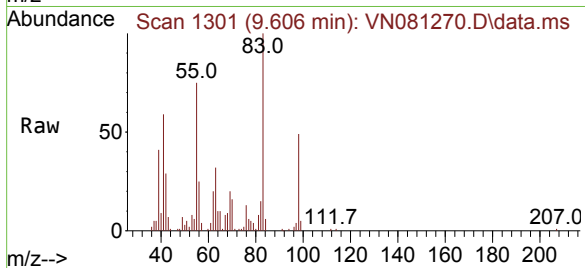
Tgt Ion: 83 Resp: 104893

Ion Ratio Lower Upper

83 100

55 75.3 65.7 98.5

98 48.5 33.8 50.6



#40

Benzene

Concen: 21.458 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN081270.D

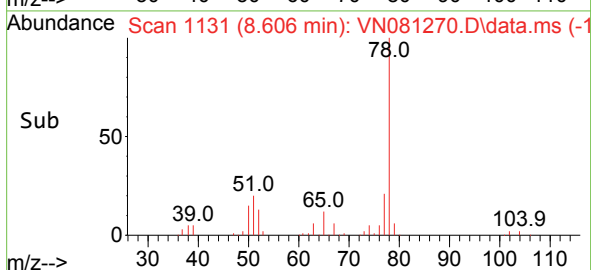
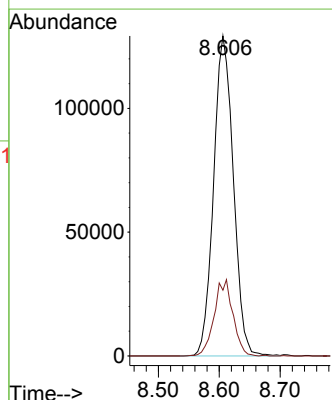
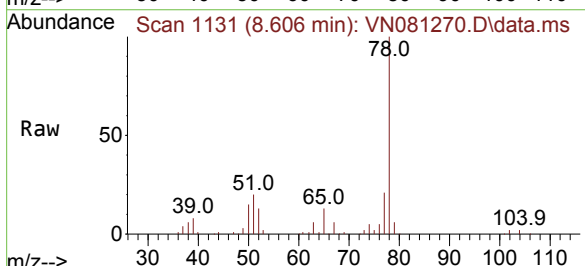
Acq: 29 Feb 2024 16:15

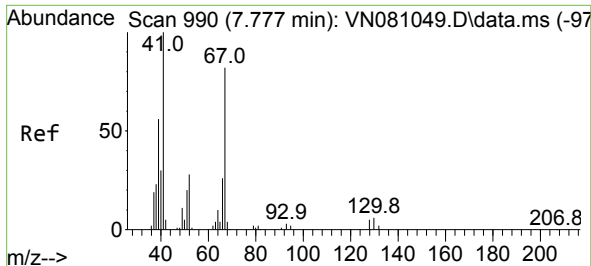
Tgt Ion: 78 Resp: 291351

Ion Ratio Lower Upper

78 100

77 20.6 20.4 30.6

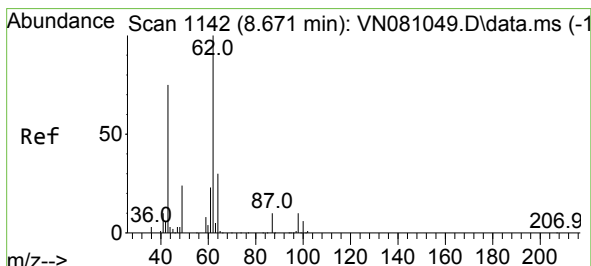
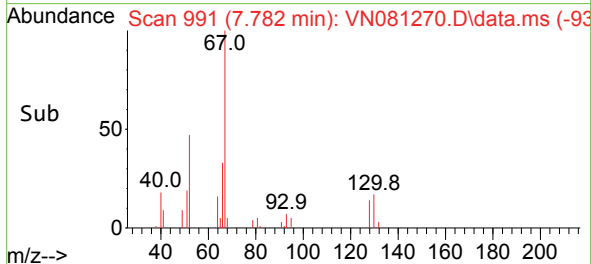
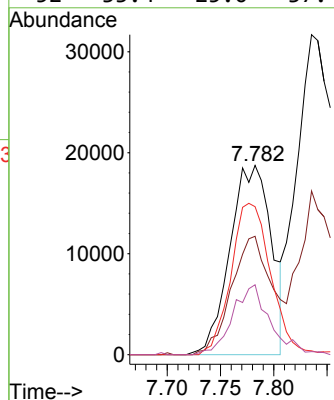
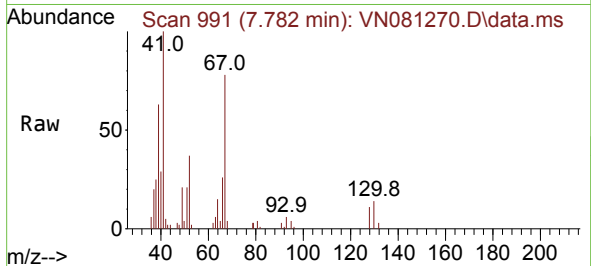




#41
Methacrylonitrile
Concen: 21.116 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

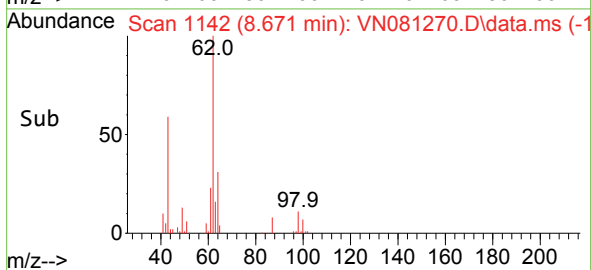
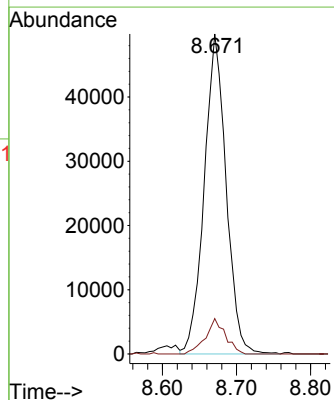
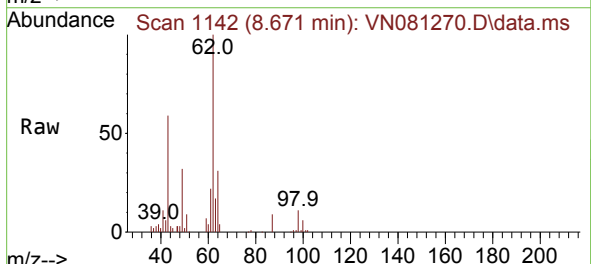
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBSD01

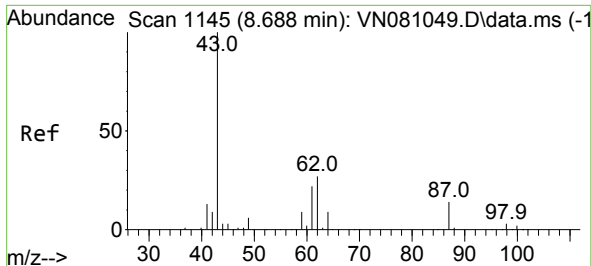
Tgt Ion: 41 Resp: 50878
Ion Ratio Lower Upper
41 100
39 62.3 48.4 72.6
67 76.9 56.8 85.2
52 33.4 25.0 37.4



#42
1,2-Dichloroethane
Concen: 21.621 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

Tgt Ion: 62 Resp: 102419
Ion Ratio Lower Upper
62 100
98 10.0 0.0 18.0

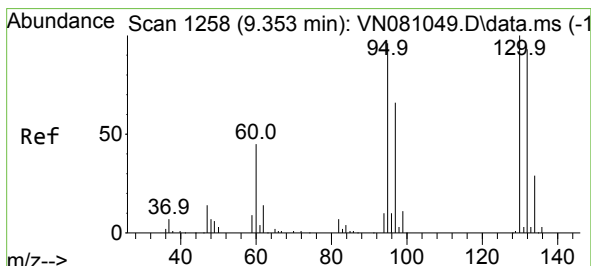
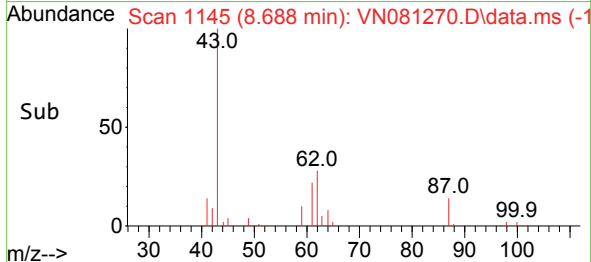
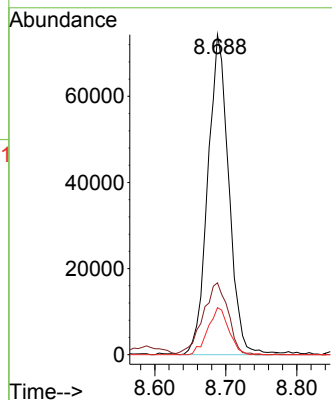
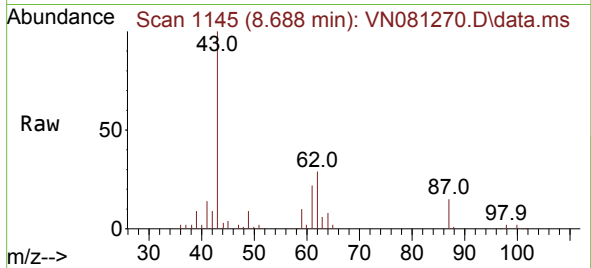




#43
Isopropyl Acetate
Concen: 20.618 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

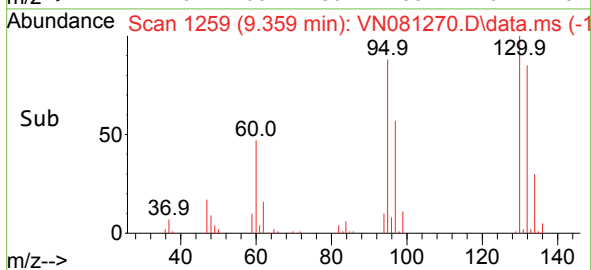
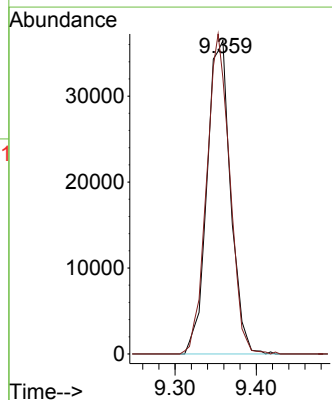
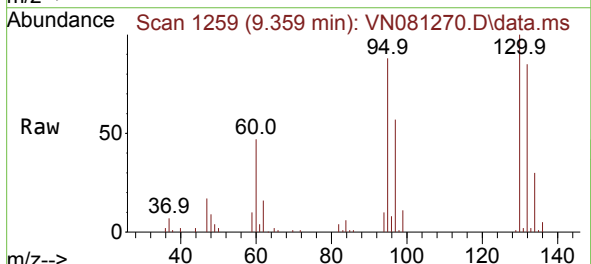
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBSD01

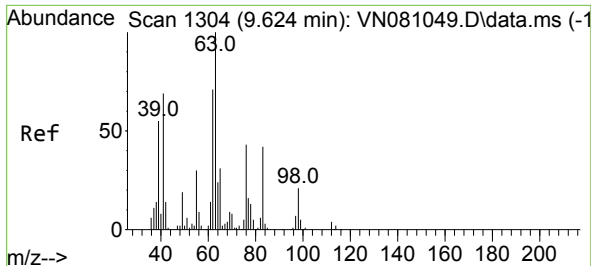
Tgt Ion: 43 Resp: 152662
Ion Ratio Lower Upper
43 100
61 26.9 19.9 29.9
87 14.6 9.0 13.6#



#44
Trichloroethene
Concen: 20.356 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

Tgt Ion:130 Resp: 73615
Ion Ratio Lower Upper
130 100
95 88.0 0.0 210.4





#45

1,2-Dichloropropane

Concen: 21.500 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN081270.D

Acq: 29 Feb 2024 16:15

Instrument :

MSVOA_N

ClientSampleId :

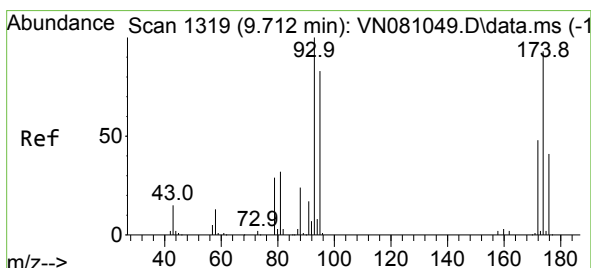
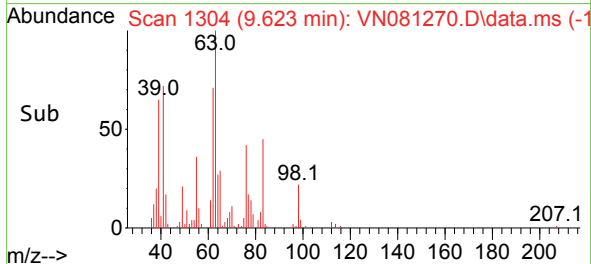
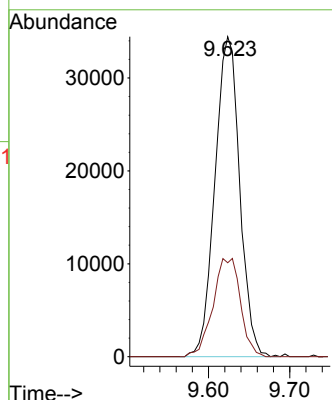
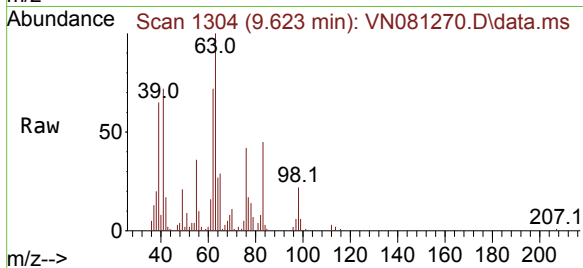
VN0229WBSD01

Tgt Ion: 63 Resp: 73024

Ion Ratio Lower Upper

63 100

65 29.4 26.1 39.1



#46

Dibromomethane

Concen: 20.521 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN081270.D

Acq: 29 Feb 2024 16:15

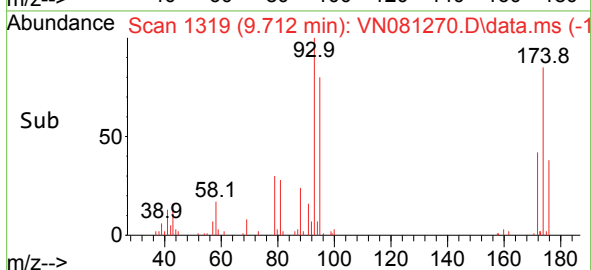
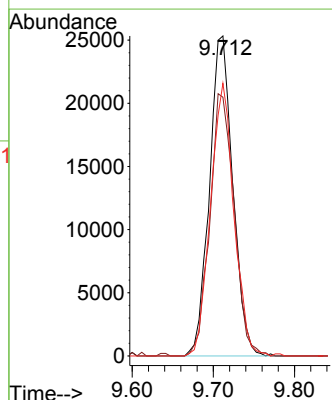
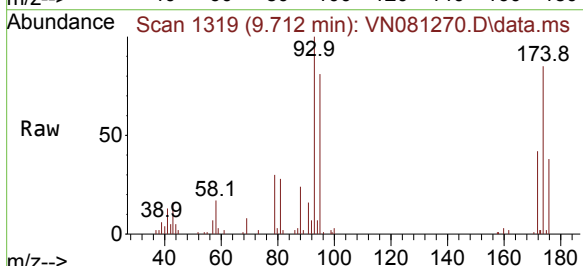
Tgt Ion: 93 Resp: 50783

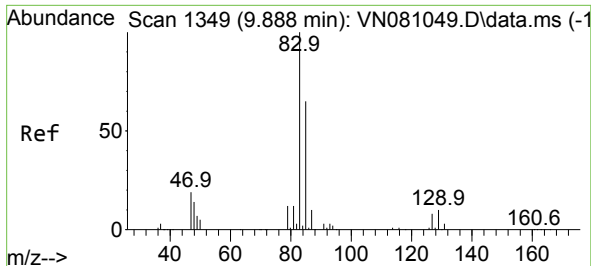
Ion Ratio Lower Upper

93 100

95 84.8 68.1 102.1

174 85.1 57.2 85.8





#47

Bromodichloromethane

Concen: 21.604 ug/l

RT: 9.888 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081270.D

Acq: 29 Feb 2024 16:15

Instrument :

MSVOA_N

ClientSampleId :

VN0229WBSD01

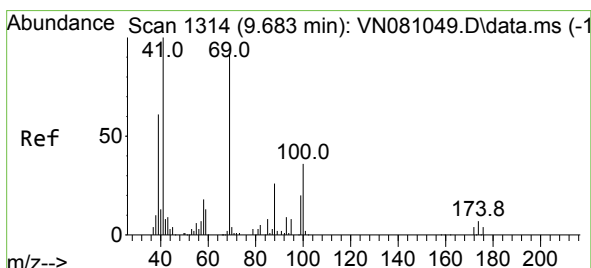
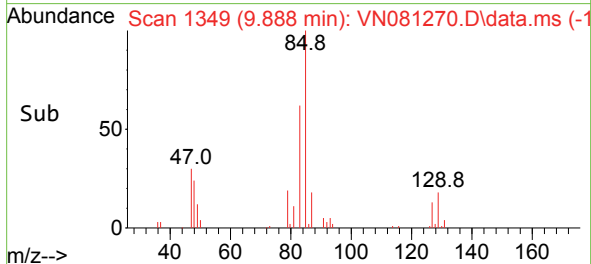
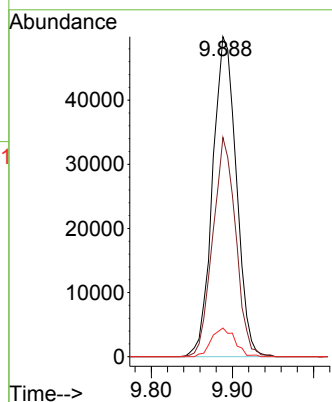
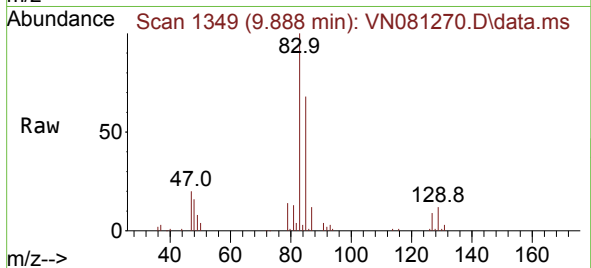
Tgt Ion: 83 Resp: 101255

Ion Ratio Lower Upper

83 100

85 68.5 52.3 78.5

127 9.0 4.6 7.0#



#48

Methyl methacrylate

Concen: 21.174 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VN081270.D

Acq: 29 Feb 2024 16:15

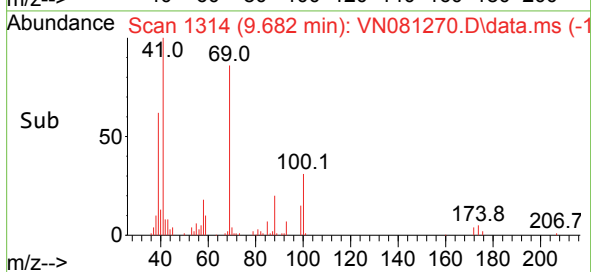
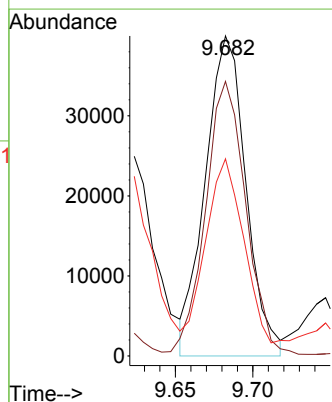
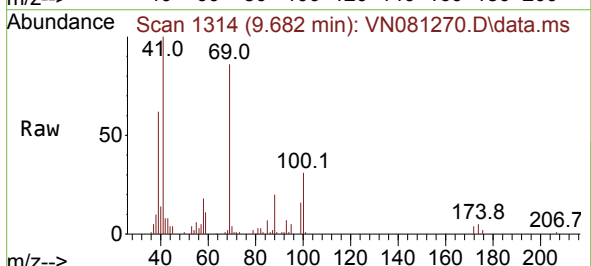
Tgt Ion: 41 Resp: 72951

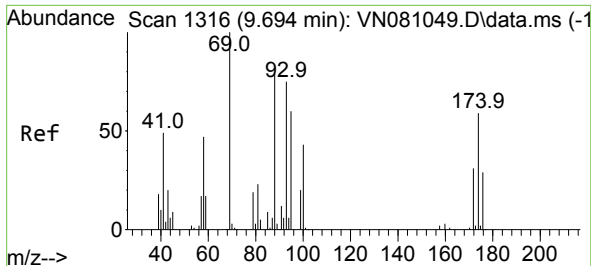
Ion Ratio Lower Upper

41 100

69 85.0 62.2 93.2

39 61.7 47.6 71.4





#49

1,4-Dioxane

Concen: 432.290 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081270.D

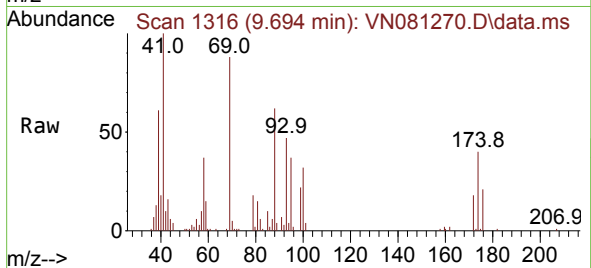
Acq: 29 Feb 2024 16:15

Instrument :

MSVOA_N

ClientSampleId :

VN0229WBSD01



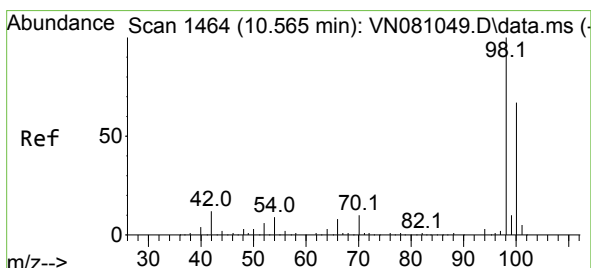
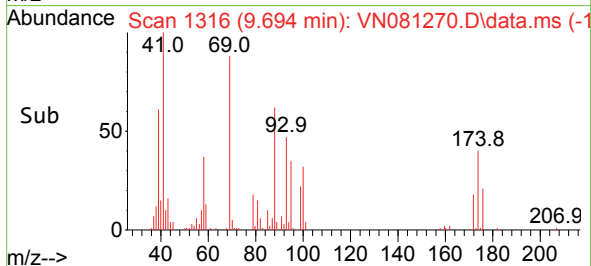
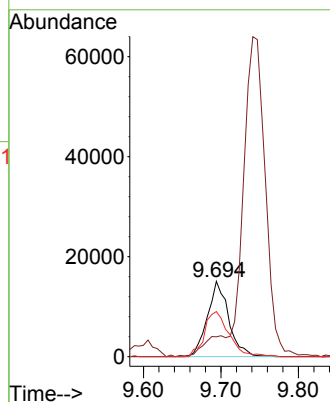
Tgt Ion: 88 Resp: 28844

Ion Ratio Lower Upper

88 100

43 0.0 30.1 45.1#

58 69.1 63.9 95.9



#50

Toluene-d8

Concen: 51.289 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081270.D

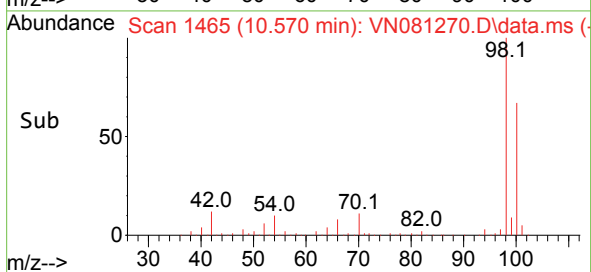
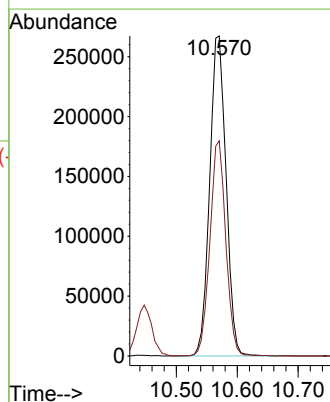
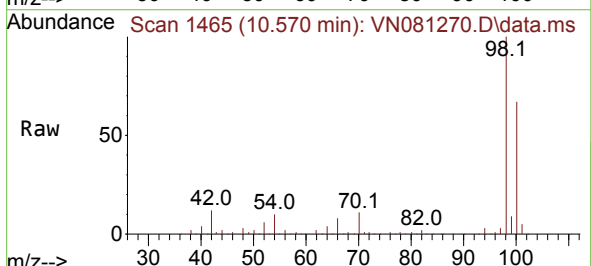
Acq: 29 Feb 2024 16:15

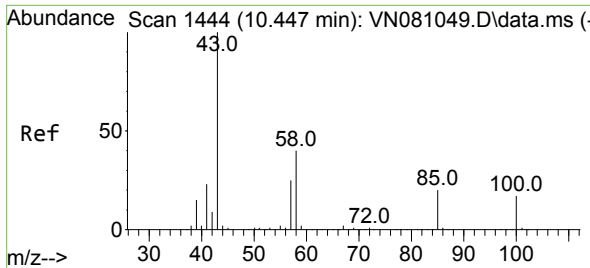
Tgt Ion: 98 Resp: 498774

Ion Ratio Lower Upper

98 100

100 65.4 51.4 77.0

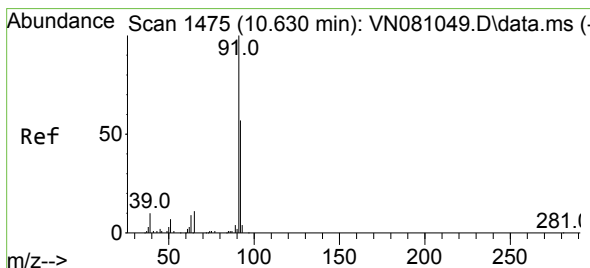
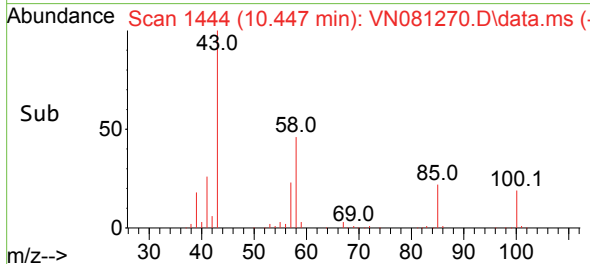
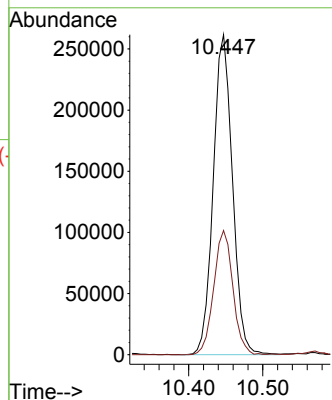
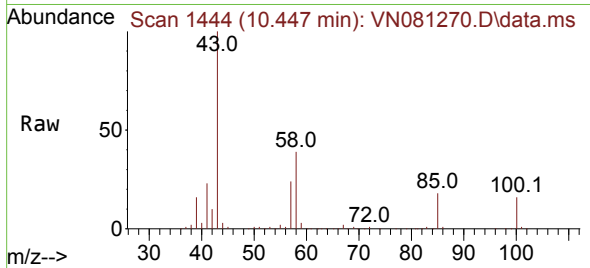




#51
4-Methyl-2-Pentanone
Concen: 110.611 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

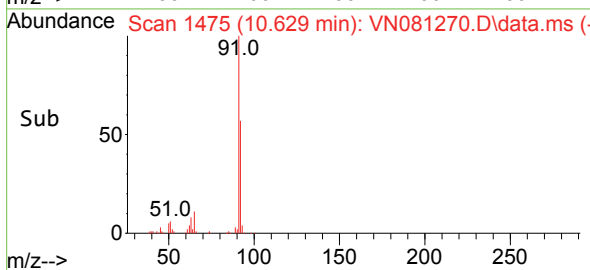
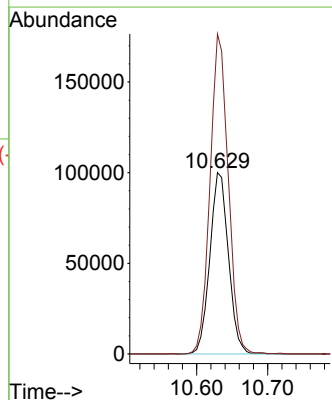
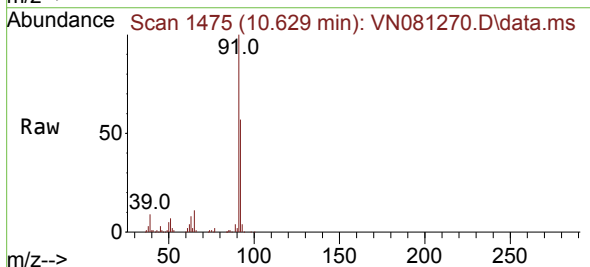
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBSD01

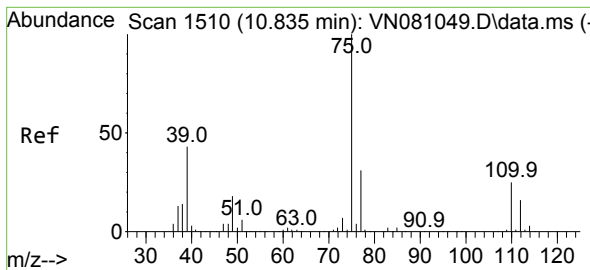
Tgt Ion: 43 Resp: 471123
Ion Ratio Lower Upper
43 100
58 38.7 29.4 44.0



#52
Toluene
Concen: 21.153 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

Tgt Ion: 92 Resp: 181821
Ion Ratio Lower Upper
92 100
91 172.8 139.4 209.0

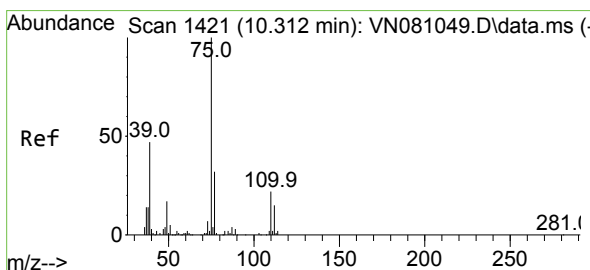
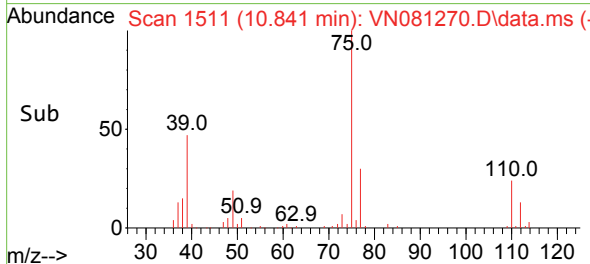
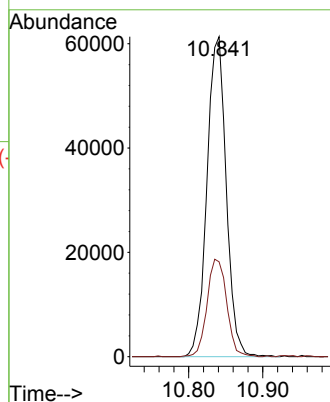
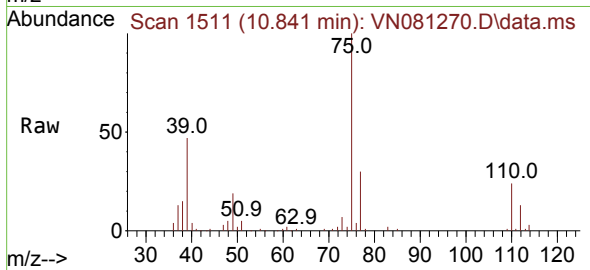




#53
 t-1,3-Dichloropropene
 Concen: 21.267 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.006 min
 Lab File: VN081270.D
 Acq: 29 Feb 2024 16:15

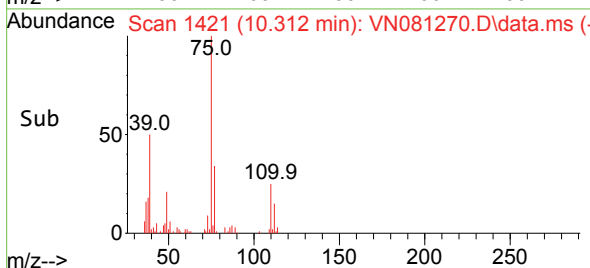
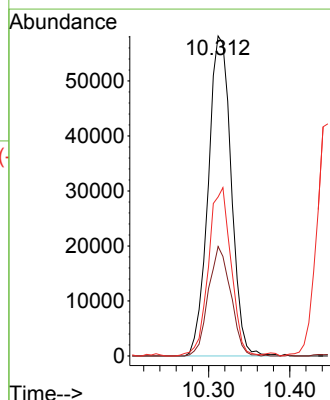
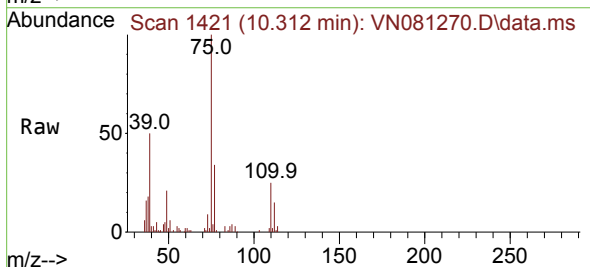
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0229WBSD01

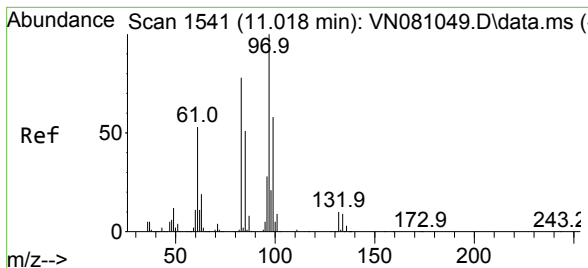
Tgt Ion: 75 Resp: 110767
 Ion Ratio Lower Upper
 75 100
 77 29.7 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 20.360 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN081270.D
 Acq: 29 Feb 2024 16:15

Tgt Ion: 75 Resp: 114572
 Ion Ratio Lower Upper
 75 100
 77 34.2 23.3 34.9
 39 49.7 44.6 66.8

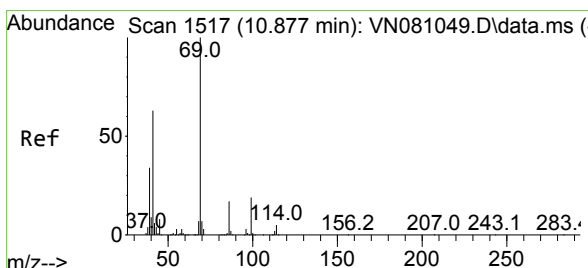
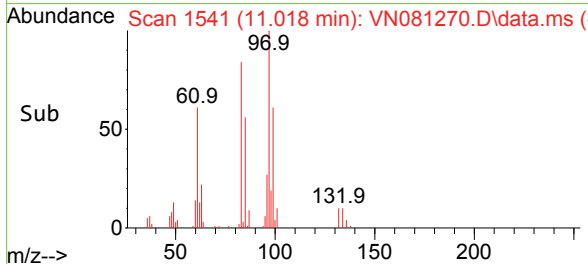
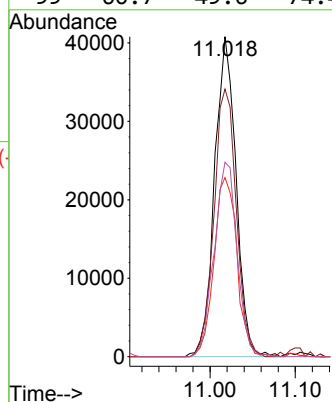
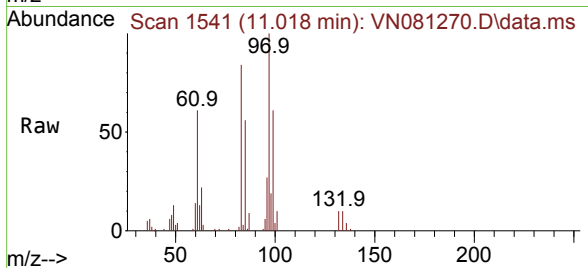




#55
 1,1,2-Trichloroethane
 Concen: 21.564 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN081270.D
 Acq: 29 Feb 2024 16:15

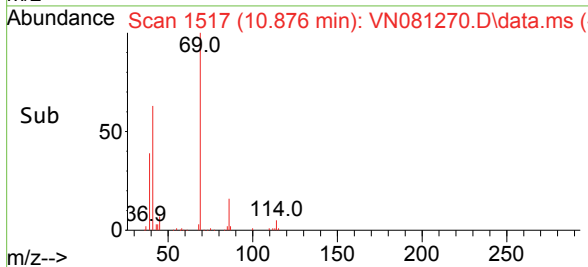
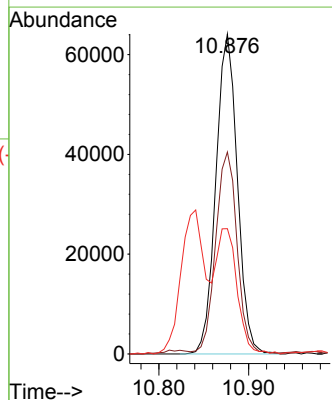
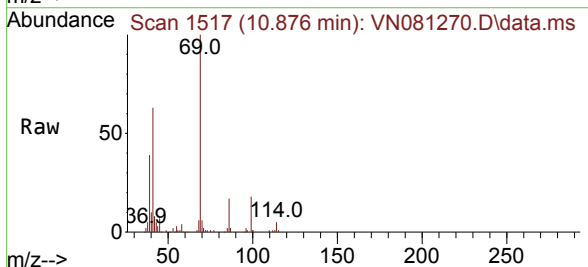
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0229WBSD01

Tgt Ion:	97	Resp:	71292
Ion	Ratio	Lower	Upper
97	100		
83	83.6	72.9	109.3
85	56.0	50.2	75.2
99	60.7	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 21.089 ug/l
 RT: 10.876 min Scan# 1517
 Delta R.T. -0.000 min
 Lab File: VN081270.D
 Acq: 29 Feb 2024 16:15

Tgt Ion:	69	Resp:	106555
Ion	Ratio	Lower	Upper
69	100		
41	62.8	61.0	91.6
39	37.4	31.8	47.6

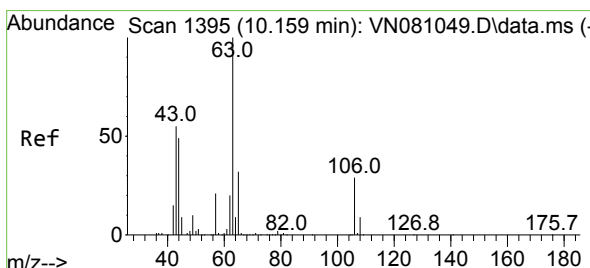
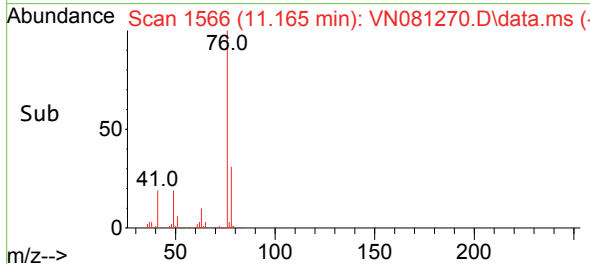
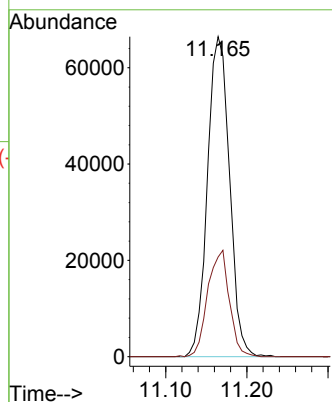
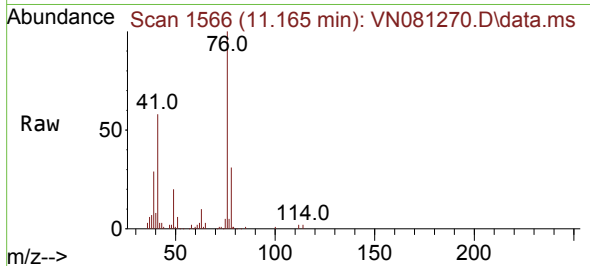




#57
1,3-Dichloropropane
Concen: 21.956 ug/l
RT: 11.165 min Scan# 1119
Delta R.T. -0.000 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

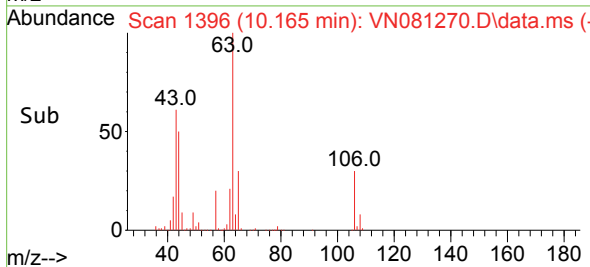
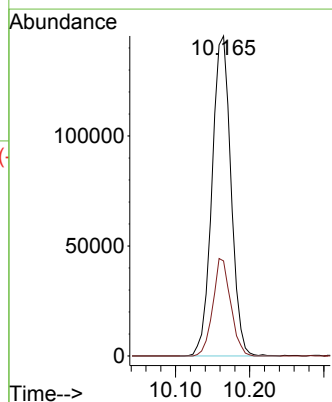
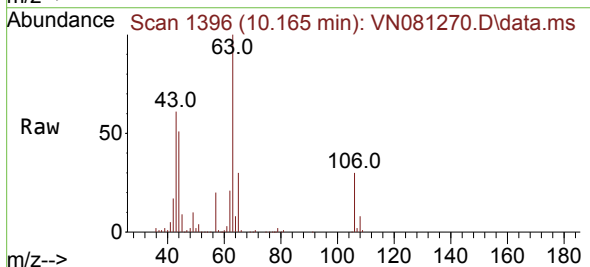
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBSD01

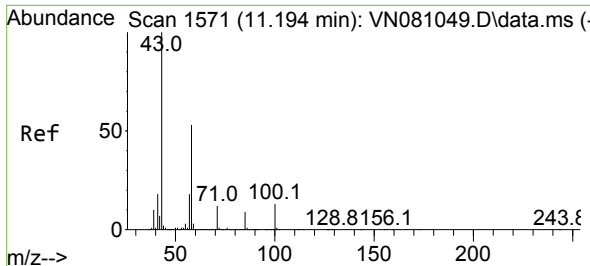
Tgt Ion: 76 Resp: 125508
Ion Ratio Lower Upper
76 100
78 32.6 25.5 38.3



#58
2-Chloroethyl Vinyl ether
Concen: 101.894 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

Tgt Ion: 63 Resp: 258321
Ion Ratio Lower Upper
63 100
106 28.6 18.6 28.0#

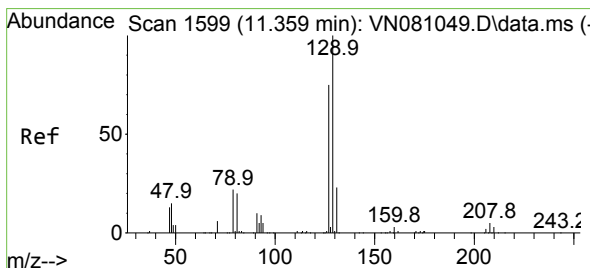
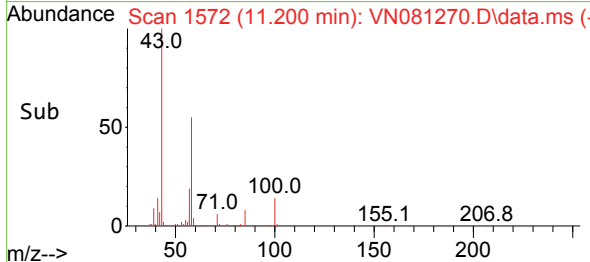
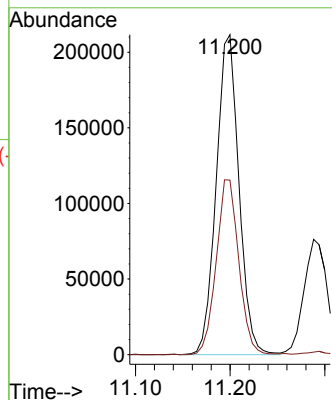
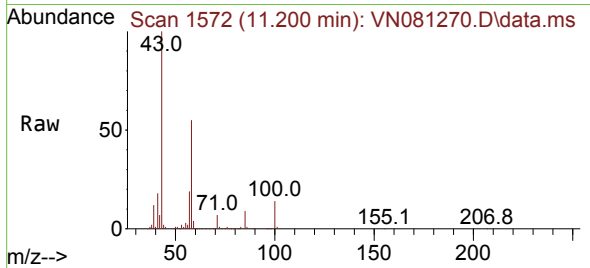




#59
2-Hexanone
Concen: 104.565 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

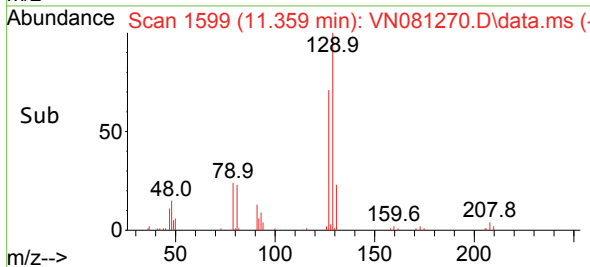
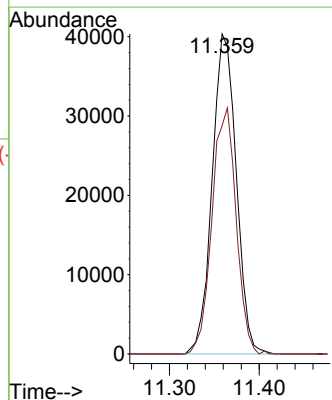
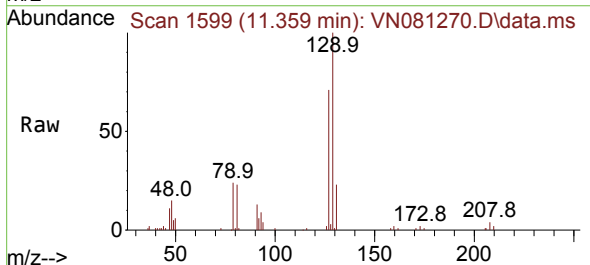
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBSD01

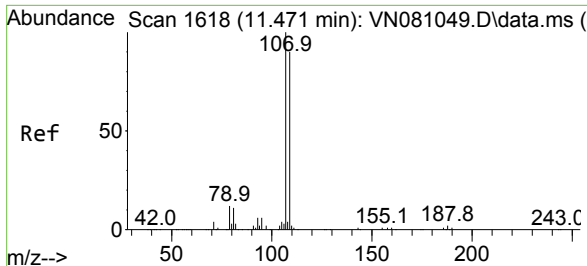
Tgt Ion: 43 Resp: 353093
Ion Ratio Lower Upper
43 100
58 54.5 25.9 77.8



#60
Dibromochloromethane
Concen: 21.443 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

Tgt Ion:129 Resp: 75310
Ion Ratio Lower Upper
129 100
127 76.9 39.4 118.2

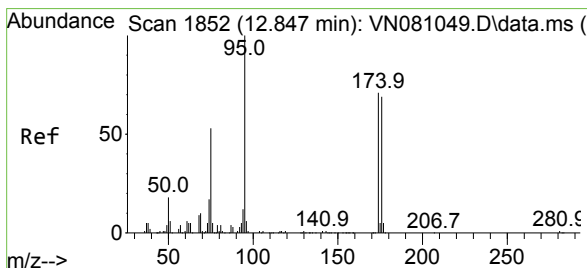
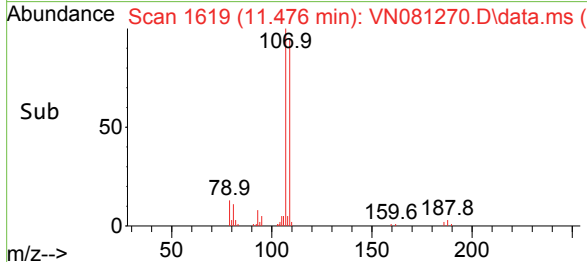
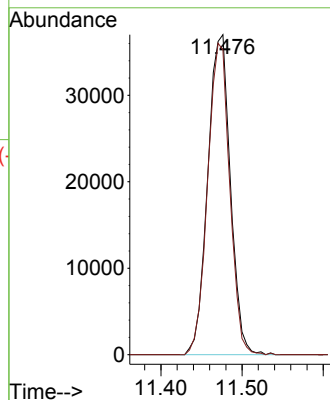
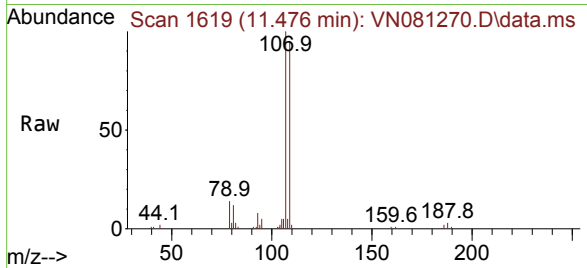




#61
1,2-Dibromoethane
Concen: 20.611 ug/l
RT: 11.476 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

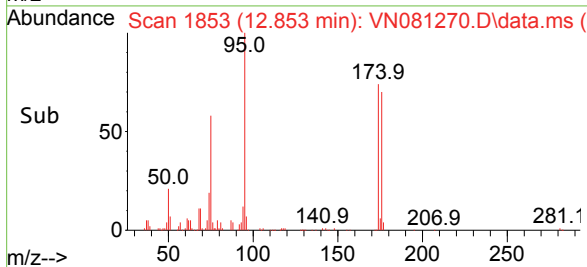
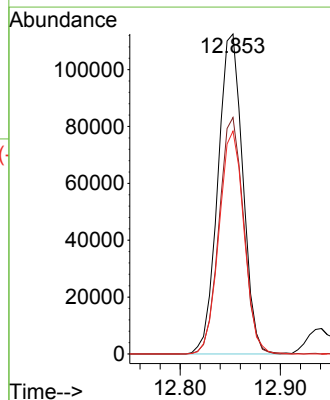
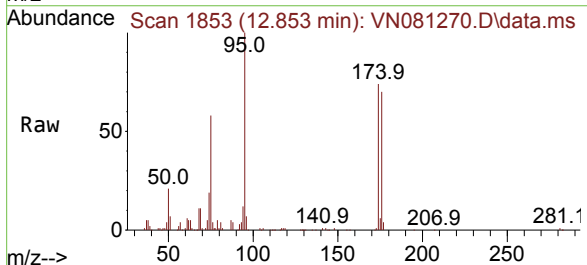
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBSD01

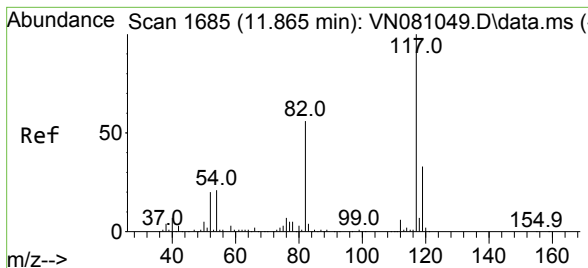
Tgt Ion:107 Resp: 71654
Ion Ratio Lower Upper
107 100
109 94.8 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 53.085 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

Tgt Ion: 95 Resp: 193979
Ion Ratio Lower Upper
95 100
174 72.8 0.0 120.4
176 69.8 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081270.D

Acq: 29 Feb 2024 16:15

Instrument :

MSVOA_N

ClientSampleId :

VN0229WBSD01

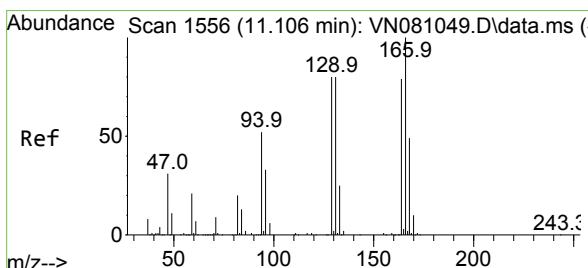
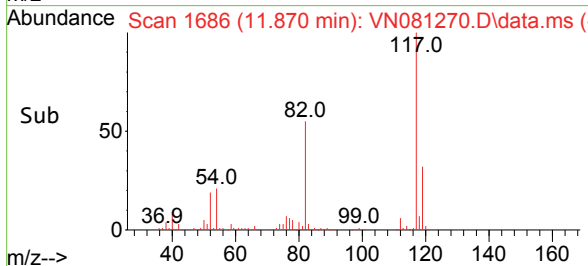
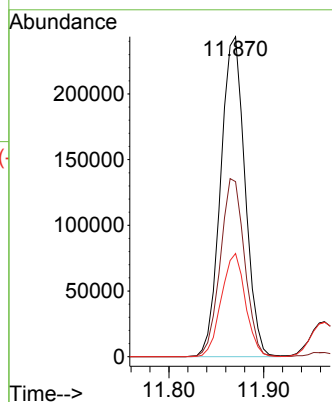
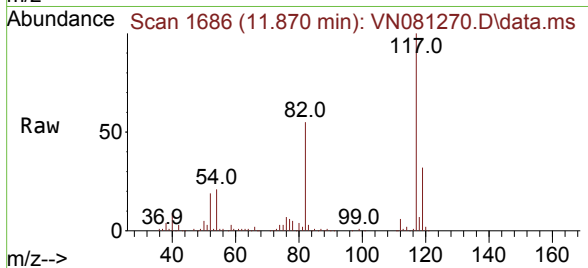
Tgt Ion:117 Resp: 435005

Ion Ratio Lower Upper

117 100

82 54.7 52.7 79.1

119 32.3 25.3 37.9



#64

Tetrachloroethene

Concen: 23.338 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN081270.D

Acq: 29 Feb 2024 16:15

Tgt Ion:164 Resp: 69289

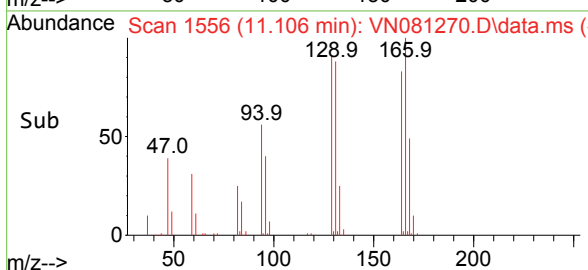
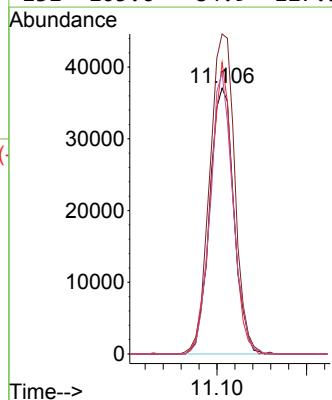
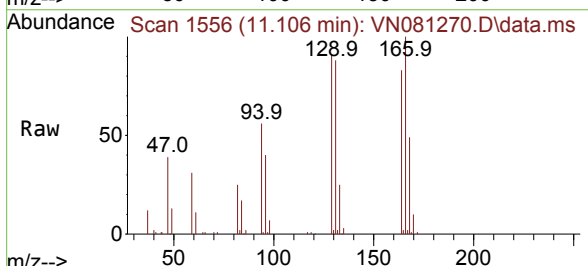
Ion Ratio Lower Upper

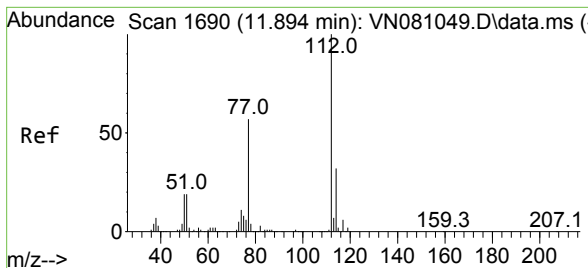
164 100

166 120.3 105.8 158.6

129 109.6 89.6 134.4

131 105.6 84.9 127.3

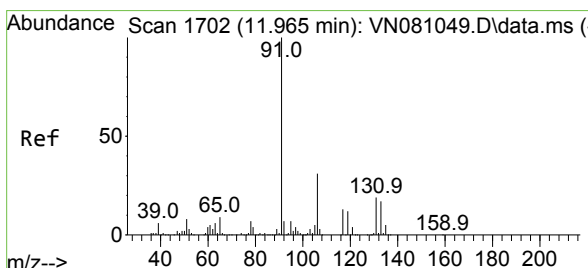
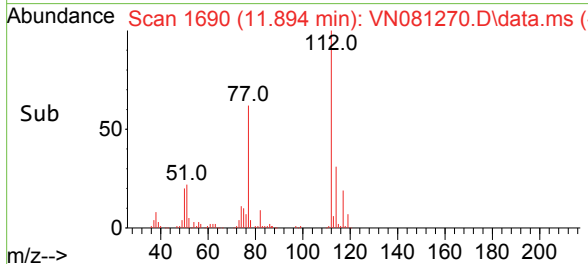
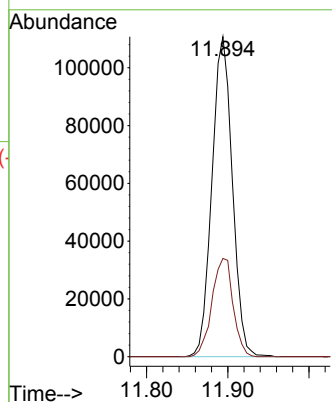
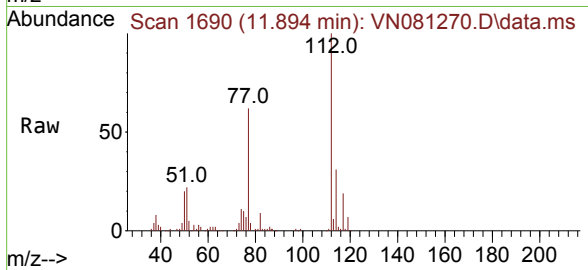




#65
Chlorobenzene
Concen: 20.533 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

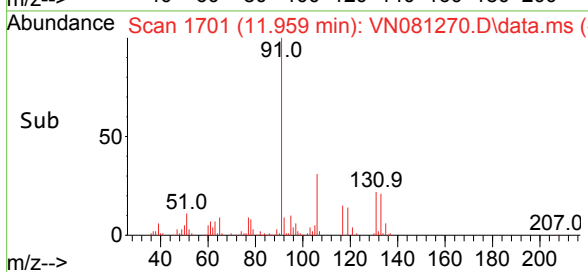
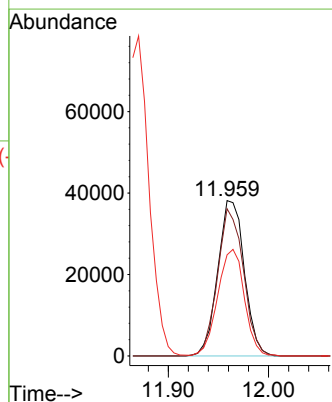
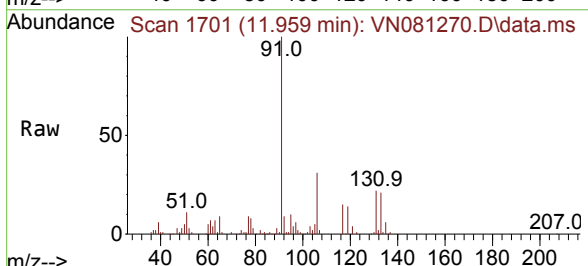
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBSD01

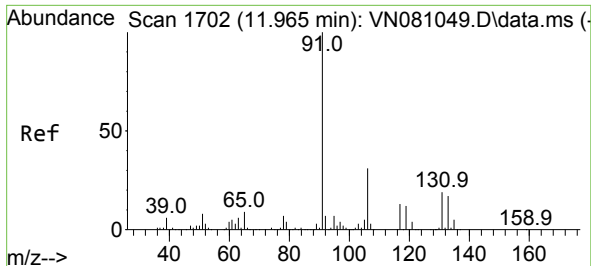
Tgt Ion:112 Resp: 193314
Ion Ratio Lower Upper
112 100
114 30.7 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.754 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

Tgt Ion:131 Resp: 70182
Ion Ratio Lower Upper
131 100
133 92.8 46.8 140.3
119 68.9 34.6 103.9

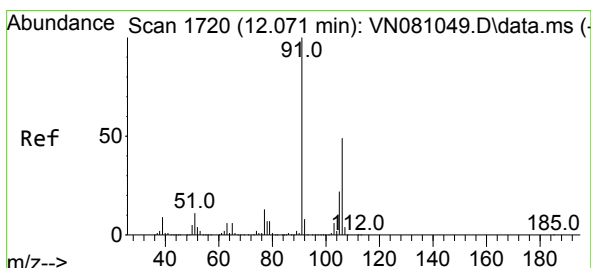
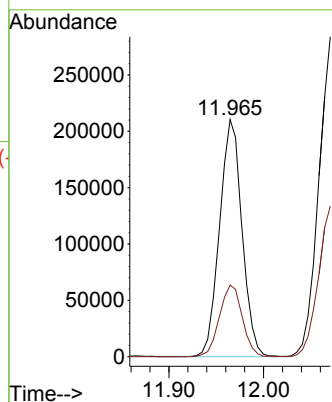
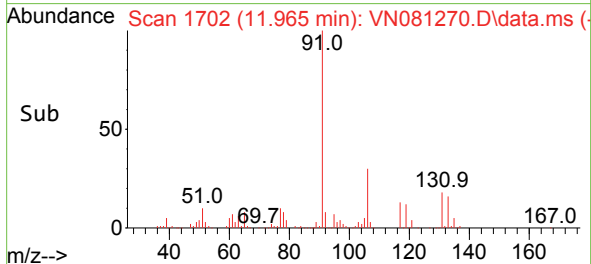
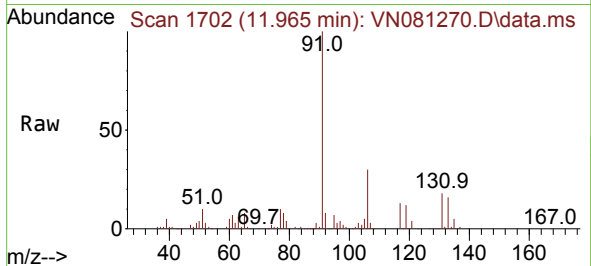




#67
Ethyl Benzene
Concen: 20.571 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

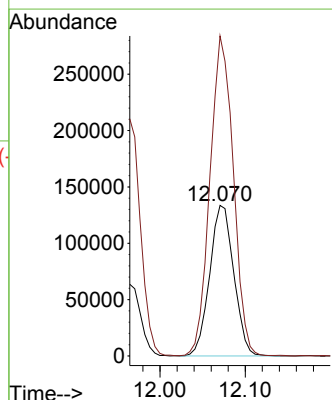
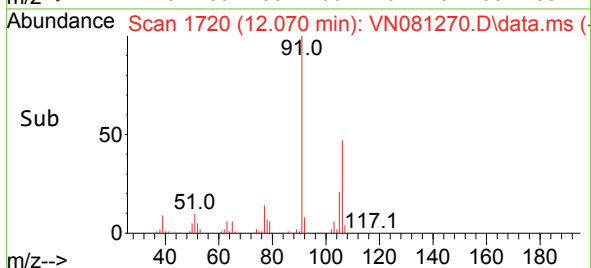
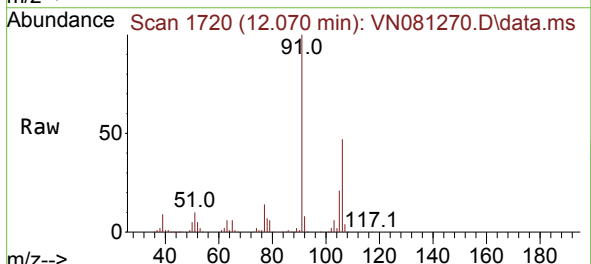
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBSD01

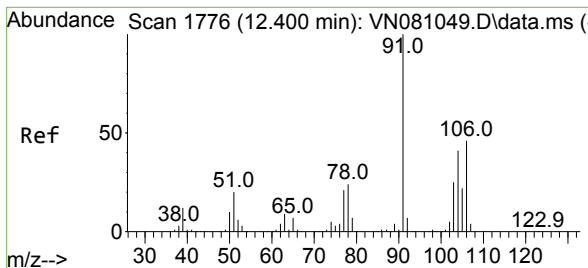
Tgt Ion: 91 Resp: 346556
Ion Ratio Lower Upper
91 100
106 30.2 23.8 35.6



#68
m/p-Xylenes
Concen: 40.652 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

Tgt Ion: 106 Resp: 262506
Ion Ratio Lower Upper
106 100
91 205.7 169.0 253.6

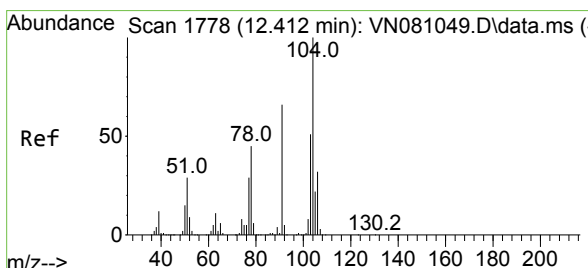
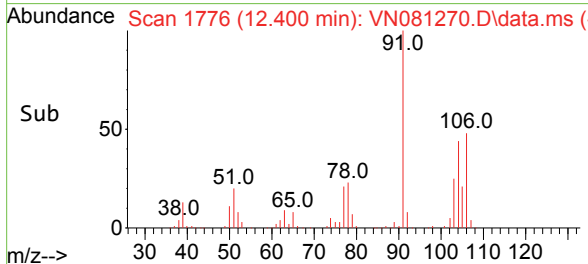
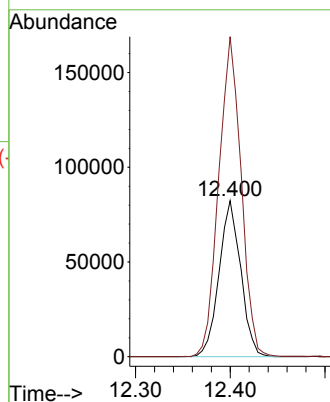
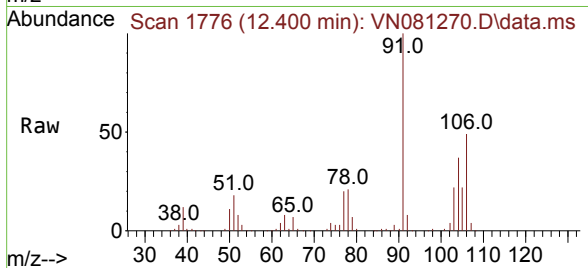




#69
o-Xylene
Concen: 20.478 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

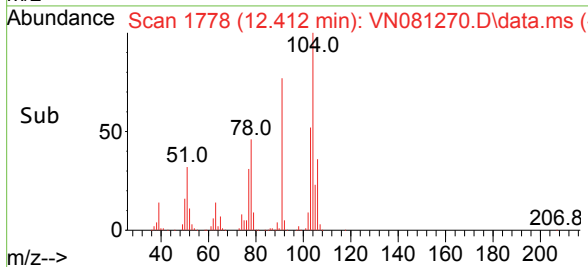
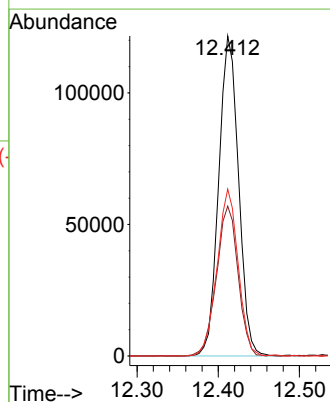
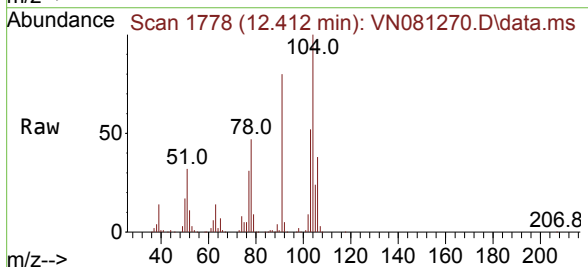
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBSD01

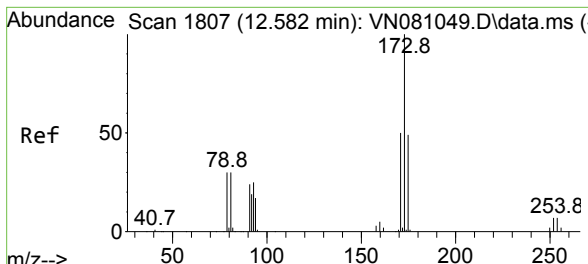
Tgt Ion:106 Resp: 131078
Ion Ratio Lower Upper
106 100
91 212.6 112.1 336.3



#70
Styrene
Concen: 20.403 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

Tgt Ion:104 Resp: 206950
Ion Ratio Lower Upper
104 100
78 51.0 43.8 65.8
103 55.3 44.2 66.2

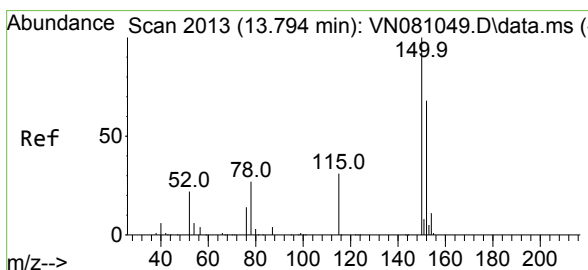
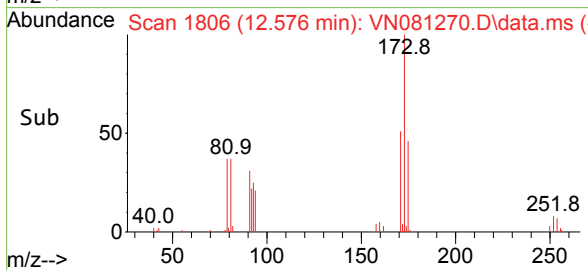
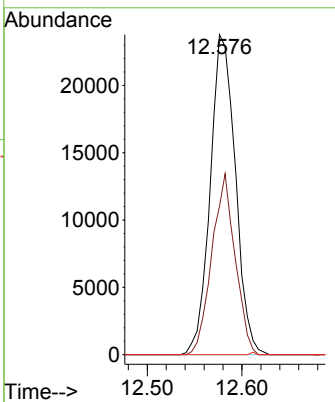
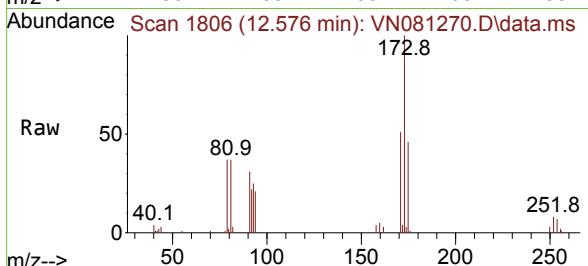




#71
 Bromoform
 Concen: 20.426 ug/l
 RT: 12.576 min Scan# 1806
 Delta R.T. -0.006 min
 Lab File: VN081270.D
 Acq: 29 Feb 2024 16:15

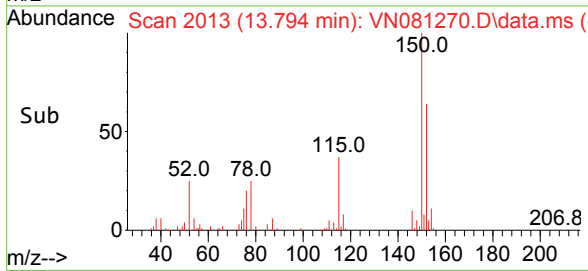
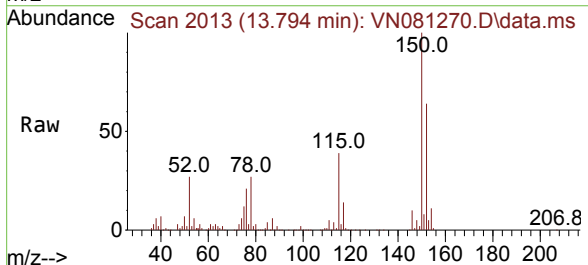
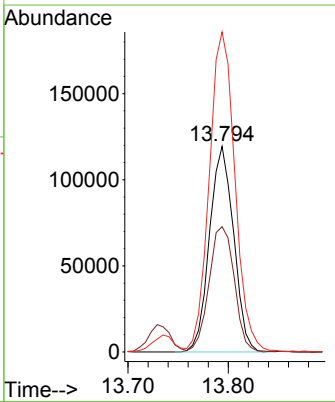
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0229WBSD01

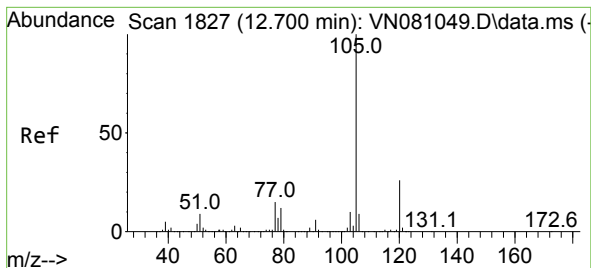
Tgt Ion:	173	Resp:	43821
Ion Ratio	Lower	Upper	
173	100		
175	52.4	23.1	69.2
254	0.0	0.0	0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN081270.D
 Acq: 29 Feb 2024 16:15

Tgt Ion:	152	Resp:	199051
Ion Ratio	Lower	Upper	
152	100		
115	64.1	32.3	96.8
150	165.2	0.0	339.8





#73

Isopropylbenzene

Concen: 19.041 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081270.D

Acq: 29 Feb 2024 16:15

Instrument :

MSVOA_N

ClientSampleId :

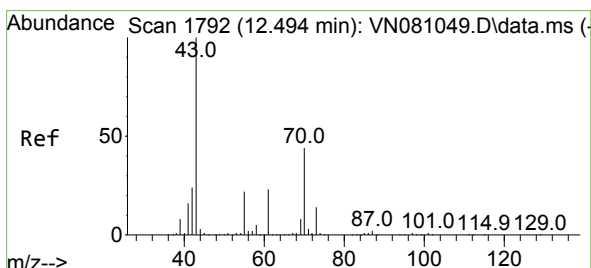
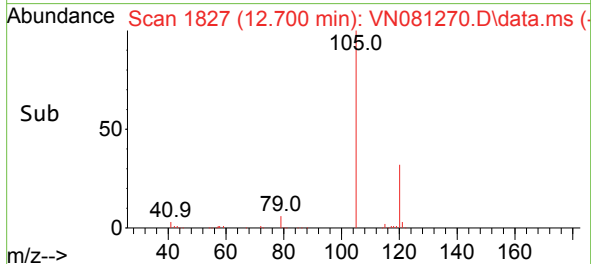
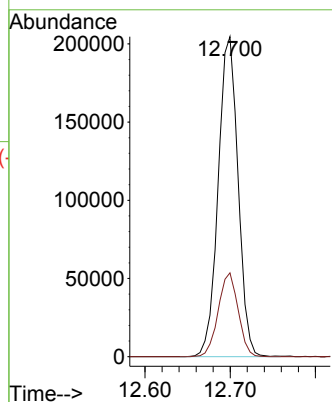
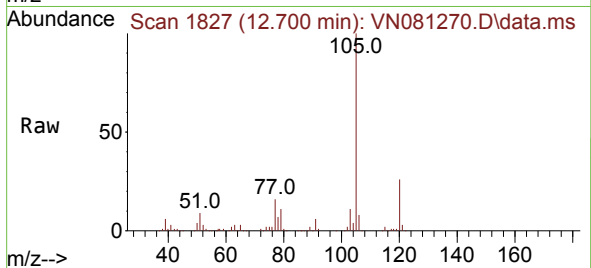
VN0229WBSD01

Tgt Ion:105 Resp: 331614

Ion Ratio Lower Upper

105 100

120 26.3 12.6 37.6



#74

N-ethyl acetate

Concen: 17.886 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN081270.D

Acq: 29 Feb 2024 16:15

Tgt Ion: 43 Resp: 131651

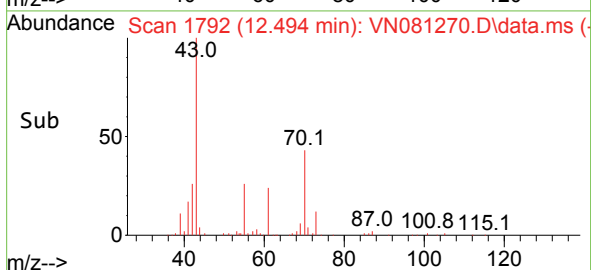
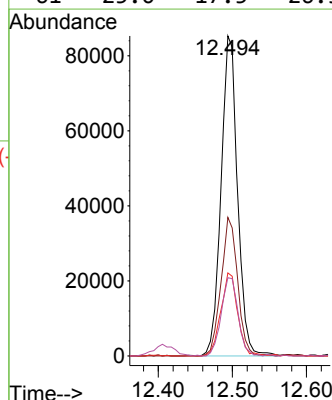
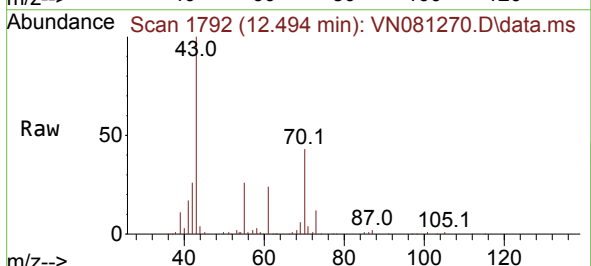
Ion Ratio Lower Upper

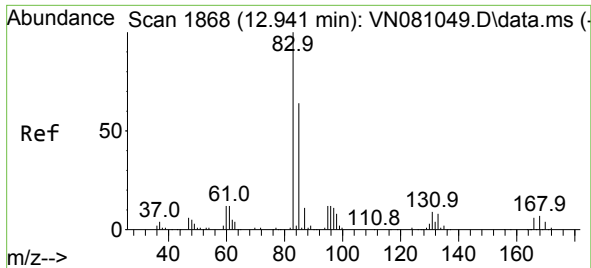
43 100

70 43.6 30.1 45.1

55 26.5 17.0 25.4#

61 25.0 17.5 26.3

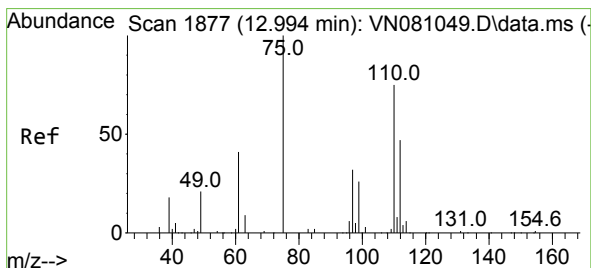
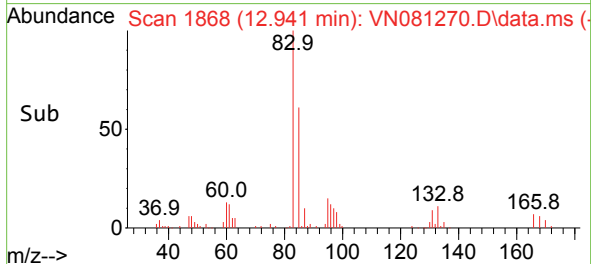
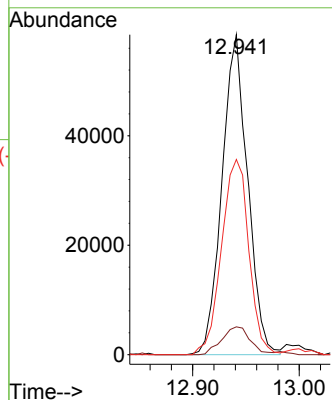
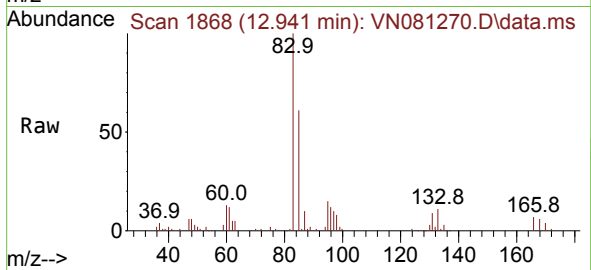




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.968 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: VN081270.D
 Acq: 29 Feb 2024 16:15

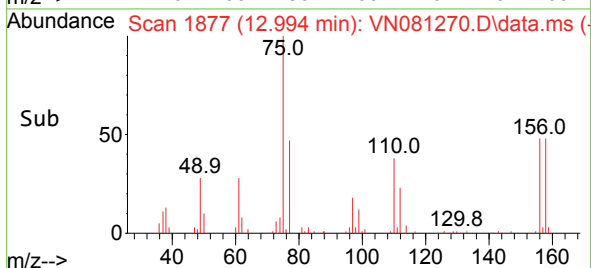
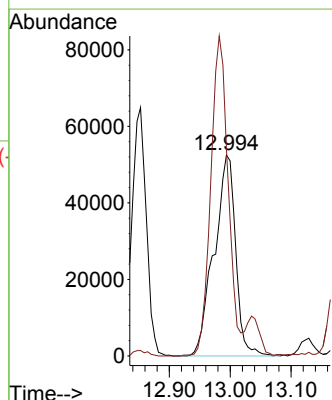
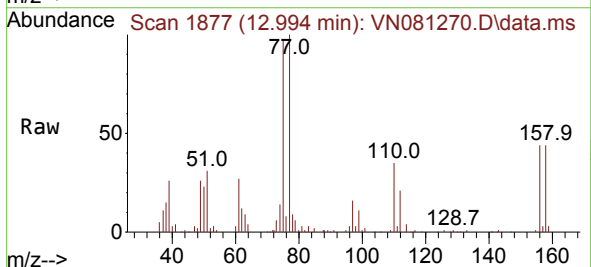
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0229WBSD01

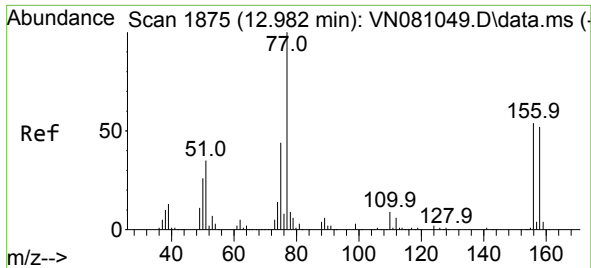
Tgt Ion: 83 Resp: 97783
 Ion Ratio Lower Upper
 83 100
 131 9.7 4.1 12.3
 85 64.9 32.1 96.3



#76
 1,2,3-Trichloropropane
 Concen: 28.547 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VN081270.D
 Acq: 29 Feb 2024 16:15

Tgt Ion: 75 Resp: 129107
 Ion Ratio Lower Upper
 75 100
 77 128.0 91.0 272.8

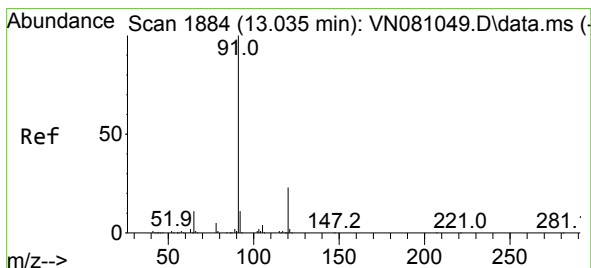
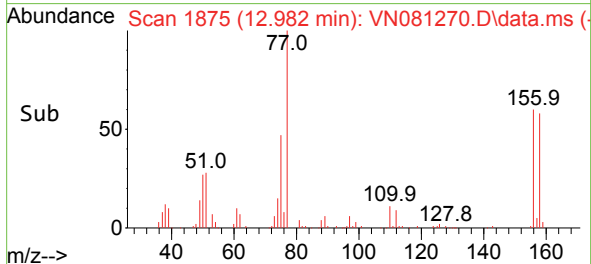
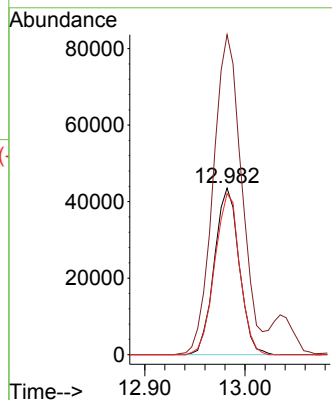
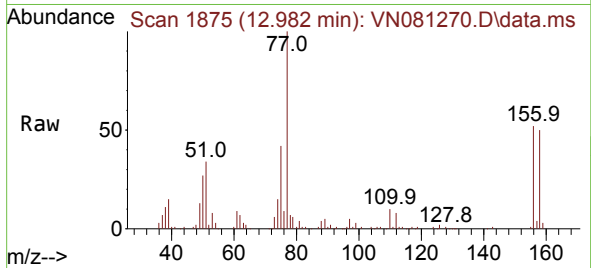




#77
Bromobenzene
Concen: 19.298 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

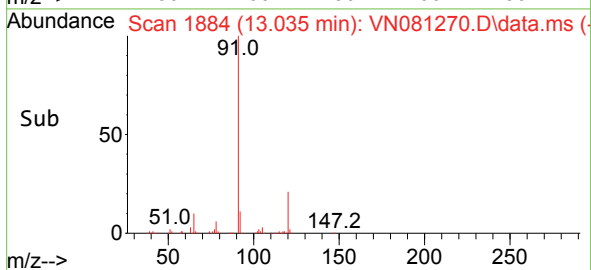
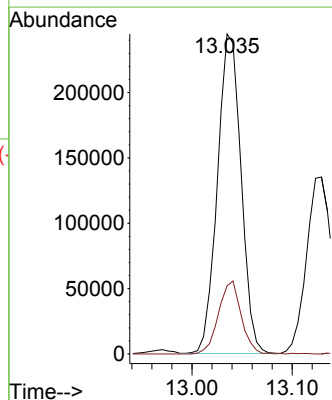
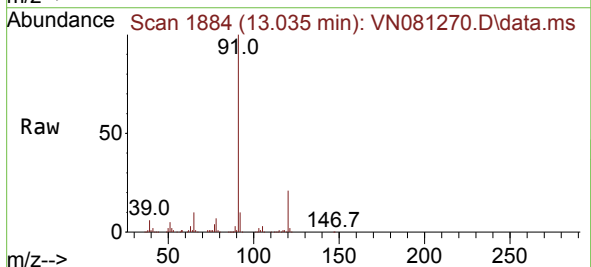
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBSD01

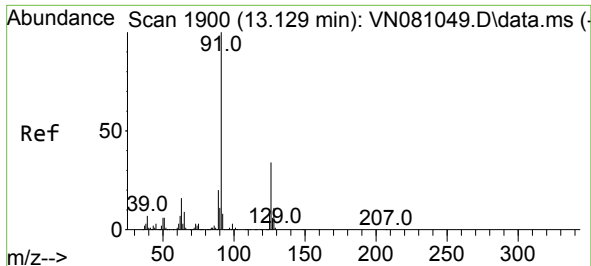
Tgt Ion:156 Resp: 74938
Ion Ratio Lower Upper
156 100
77 220.5 138.1 414.3
158 97.5 46.5 139.5



#78
n-propylbenzene
Concen: 19.973 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

Tgt Ion: 91 Resp: 400441
Ion Ratio Lower Upper
91 100
120 21.9 10.3 30.9

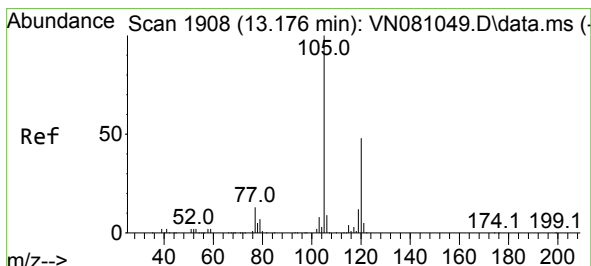
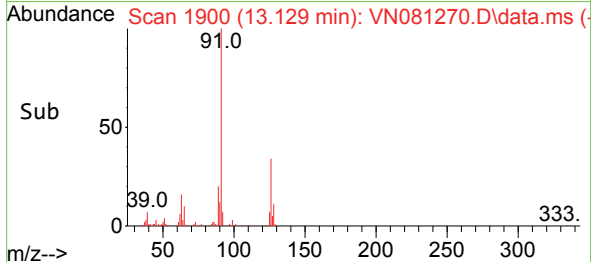
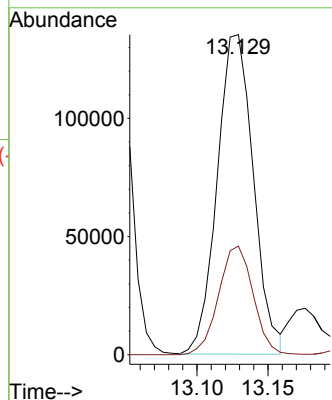
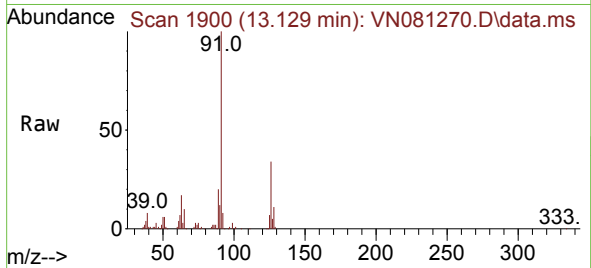




#79
2-Chlorotoluene
Concen: 19.527 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

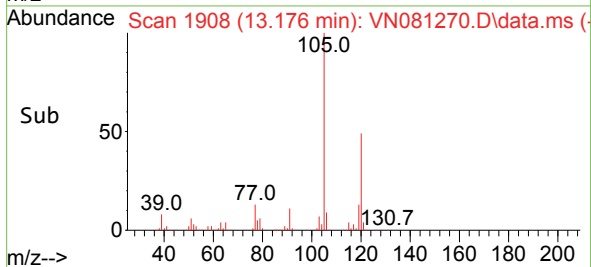
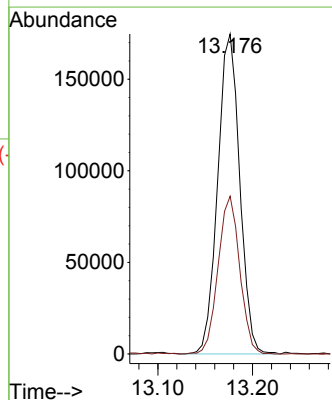
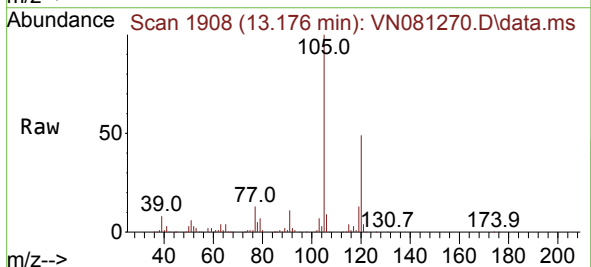
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBSD01

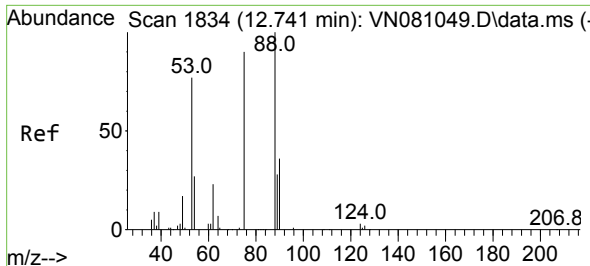
Tgt Ion: 91 Resp: 240126
Ion Ratio Lower Upper
91 100
126 32.4 14.8 44.4



#80
1,3,5-Trimethylbenzene
Concen: 19.974 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

Tgt Ion: 105 Resp: 282038
Ion Ratio Lower Upper
105 100
120 48.4 23.0 69.0

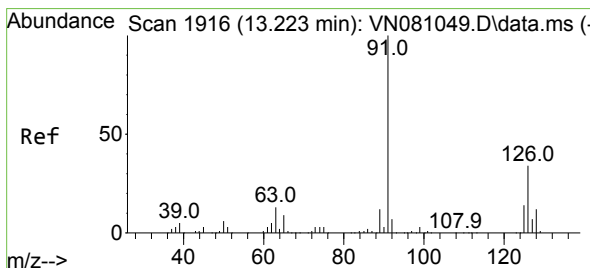
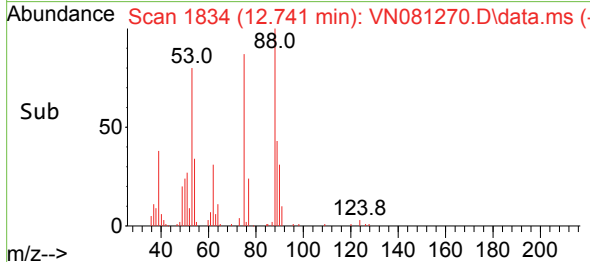
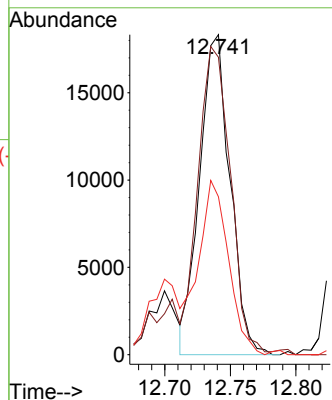
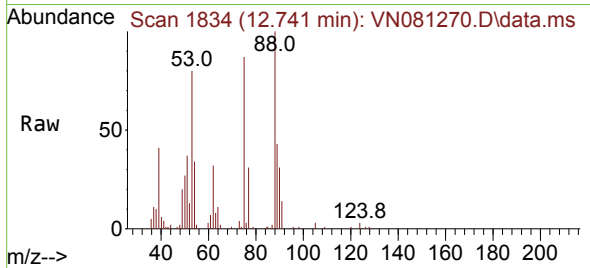




#81
trans-1,4-Dichloro-2-butene
Concen: 16.854 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

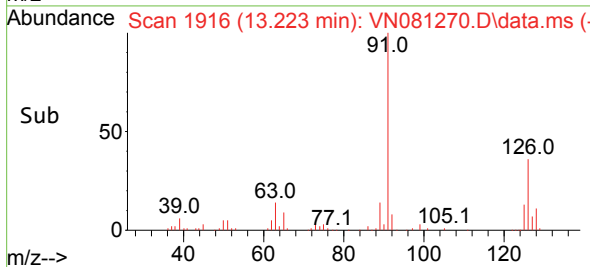
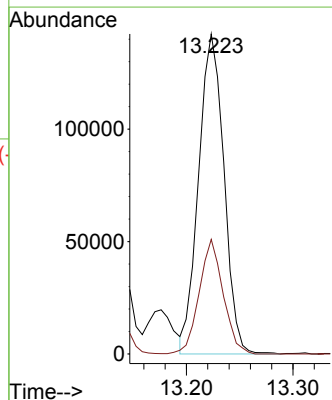
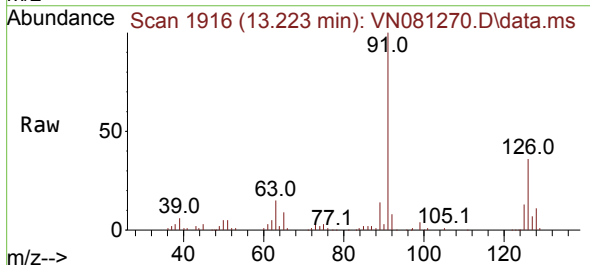
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBSD01

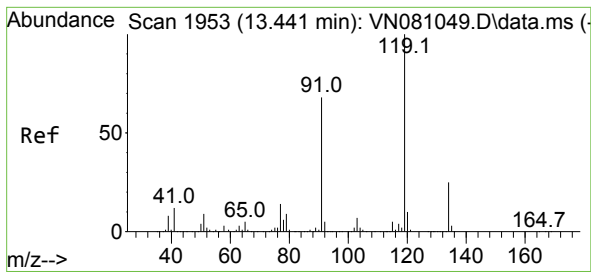
Tgt Ion: 75 Resp: 29614
Ion Ratio Lower Upper
75 100
53 118.3 71.4 107.2#
89 54.5 33.4 50.0#



#82
4-Chlorotoluene
Concen: 19.602 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

Tgt Ion: 91 Resp: 235701
Ion Ratio Lower Upper
91 100
126 33.8 15.3 45.9





#83

tert-Butylbenzene

Concen: 19.177 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN081270.D

Acq: 29 Feb 2024 16:15

Instrument :

MSVOA_N

ClientSampleId :

VN0229WBSD01

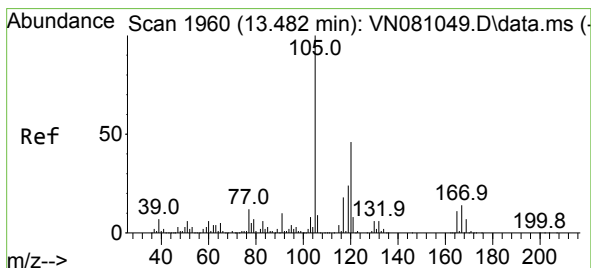
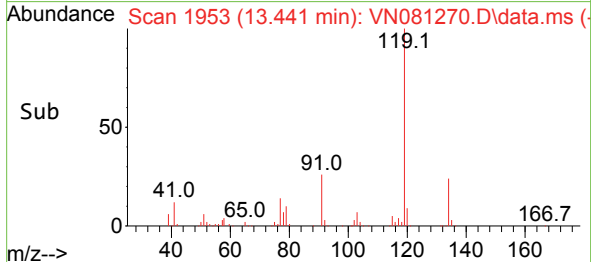
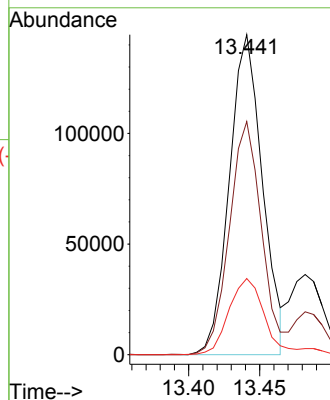
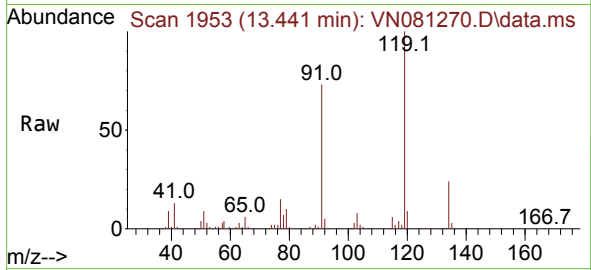
Tgt Ion:119 Resp: 234148

Ion Ratio Lower Upper

119 100

91 71.9 36.8 110.4

134 26.6 12.4 37.4



#84

1,2,4-Trimethylbenzene

Concen: 20.400 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN081270.D

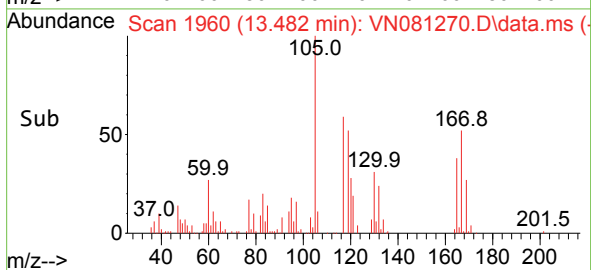
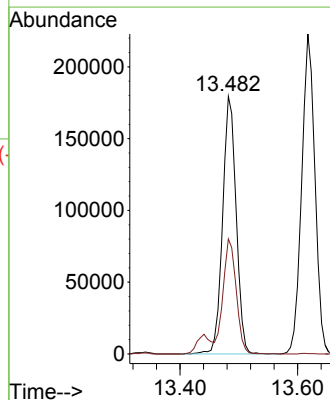
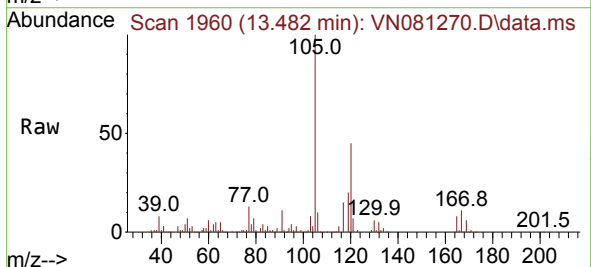
Acq: 29 Feb 2024 16:15

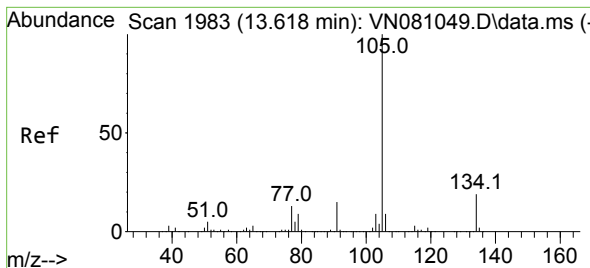
Tgt Ion:105 Resp: 287048

Ion Ratio Lower Upper

105 100

120 43.1 20.9 62.7





#85

sec-Butylbenzene

Concen: 20.592 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN081270.D

Acq: 29 Feb 2024 16:15

Instrument :

MSVOA_N

ClientSampleId :

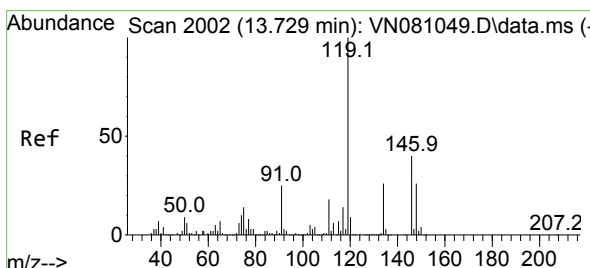
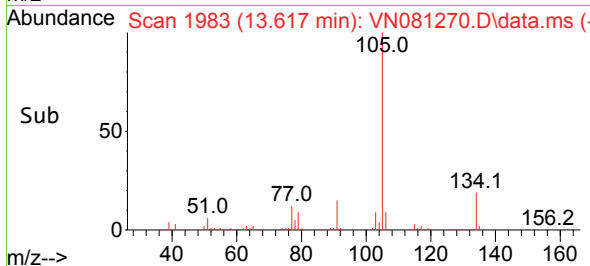
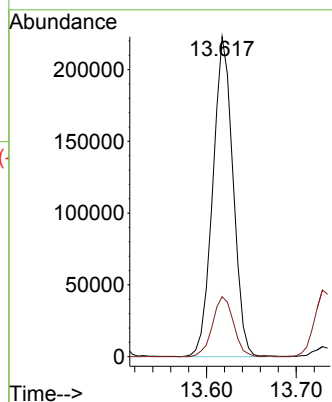
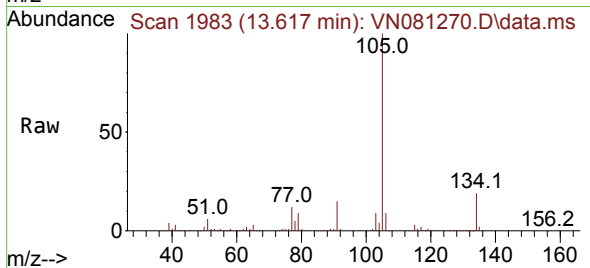
VN0229WBSD01

Tgt Ion:105 Resp: 349526

Ion Ratio Lower Upper

105 100

134 19.4 8.6 25.8



#86

p-Isopropyltoluene

Concen: 20.149 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN081270.D

Acq: 29 Feb 2024 16:15

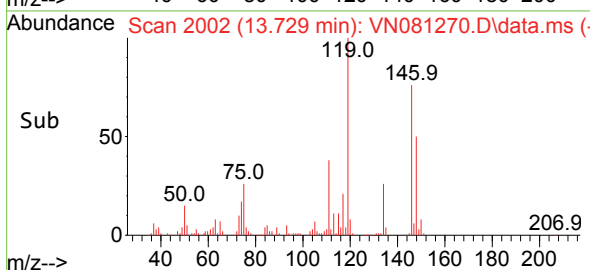
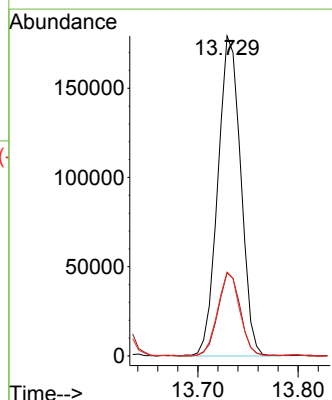
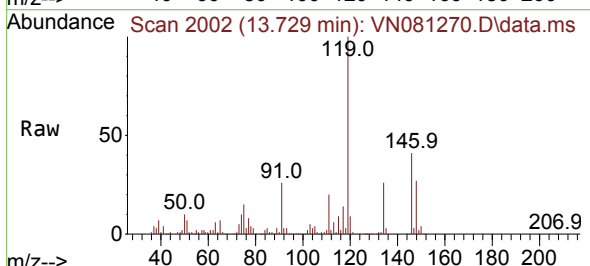
Tgt Ion:119 Resp: 284076

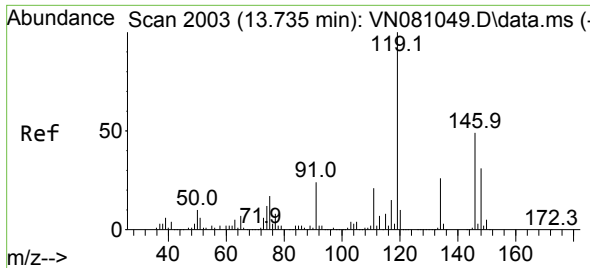
Ion Ratio Lower Upper

119 100

134 25.3 12.4 37.2

91 25.4 13.5 40.4

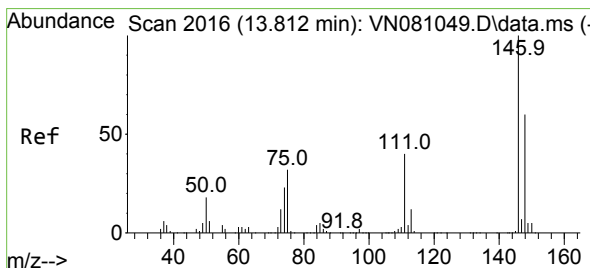
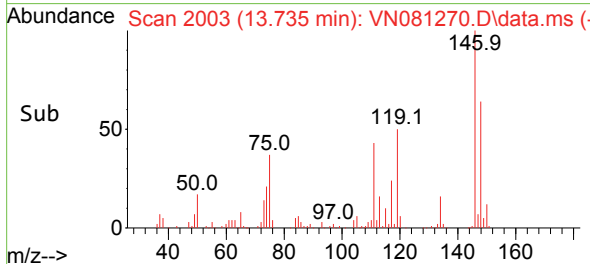
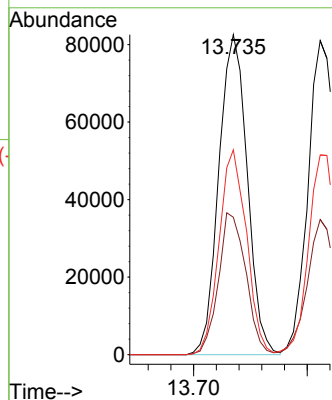
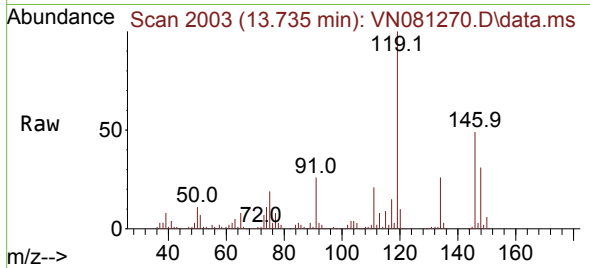




#87
1,3-Dichlorobenzene
Concen: 19.556 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

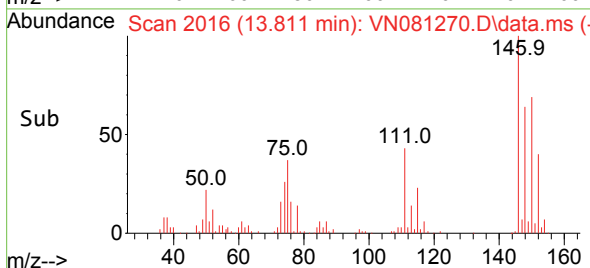
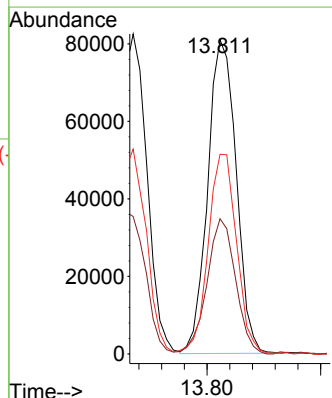
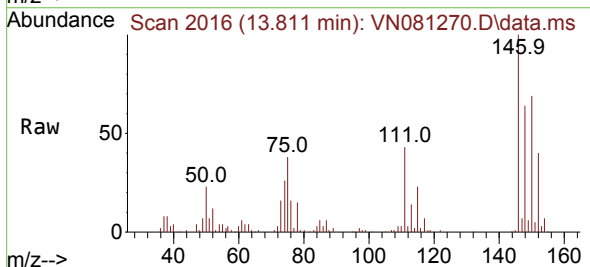
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBSD01

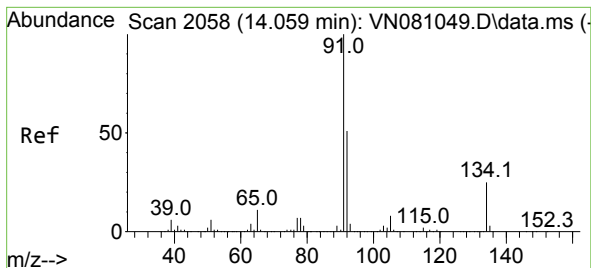
Tgt Ion:146 Resp: 143488
Ion Ratio Lower Upper
146 100
111 42.8 23.9 71.7
148 61.6 32.6 97.7



#88
1,4-Dichlorobenzene
Concen: 19.548 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

Tgt Ion:146 Resp: 140933
Ion Ratio Lower Upper
146 100
111 43.3 22.6 67.7
148 63.8 31.9 95.5





#89

n-Butylbenzene

Concen: 20.839 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN081270.D

Acq: 29 Feb 2024 16:15

Instrument :

MSVOA_N

ClientSampleId :

VN0229WBSD01

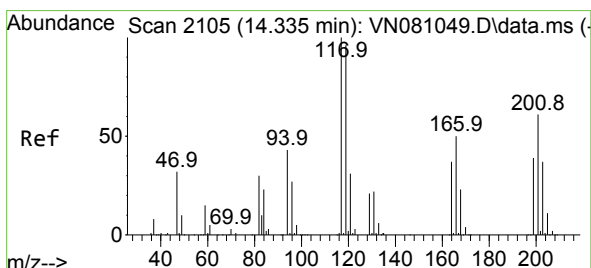
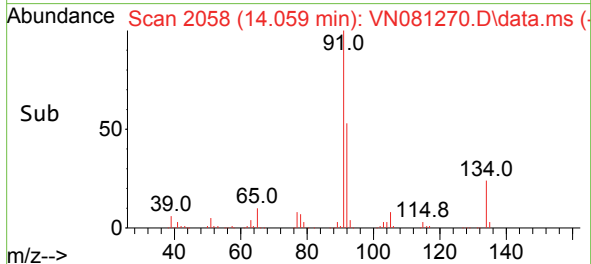
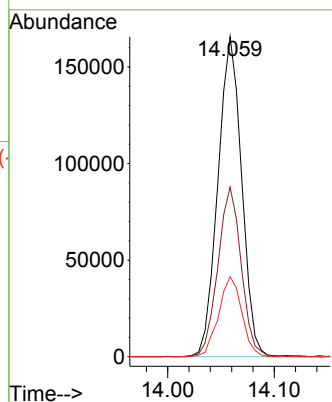
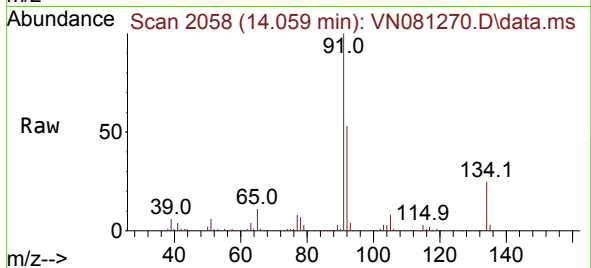
Tgt Ion: 91 Resp: 255960

Ion Ratio Lower Upper

91 100

92 52.0 26.7 80.1

134 24.5 10.8 32.4



#90

Hexachloroethane

Concen: 20.385 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN081270.D

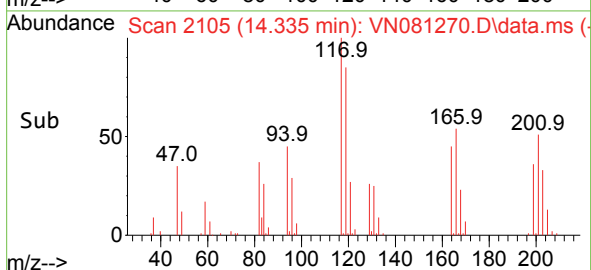
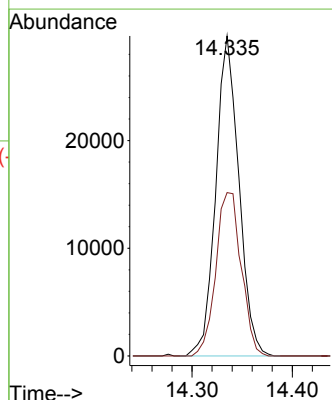
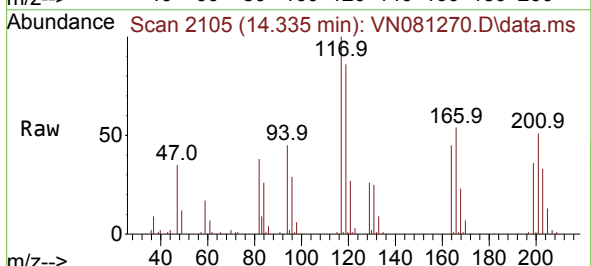
Acq: 29 Feb 2024 16:15

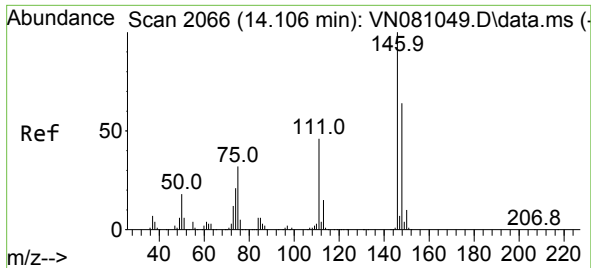
Tgt Ion: 117 Resp: 47506

Ion Ratio Lower Upper

117 100

201 56.1 30.0 90.0

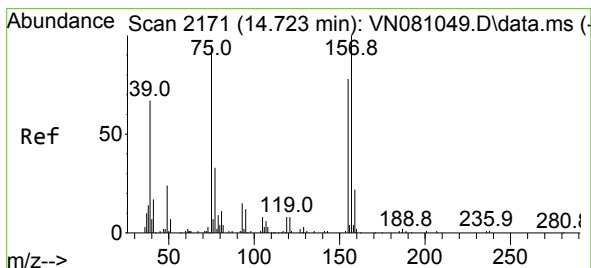
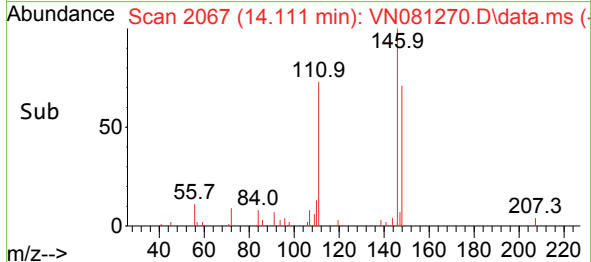
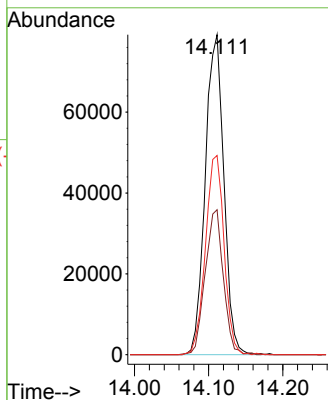
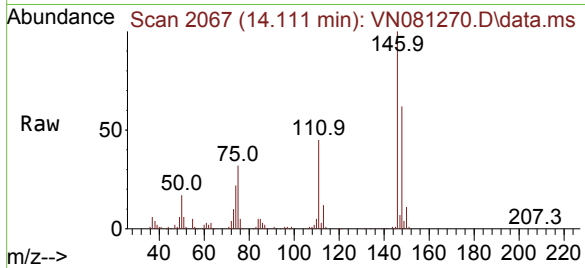




#91
1,2-Dichlorobenzene
Concen: 19.501 ug/l
RT: 14.111 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

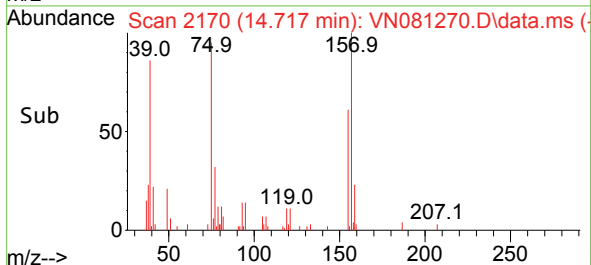
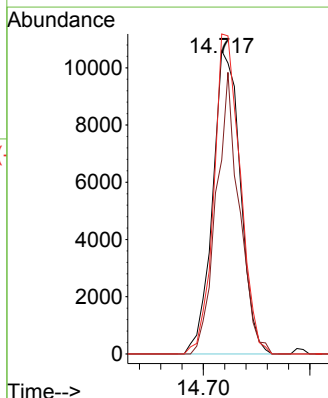
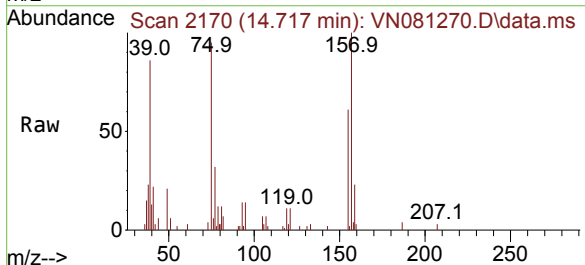
Instrument :
MSVOA_N
ClientSampleId :
VN0229WBSD01

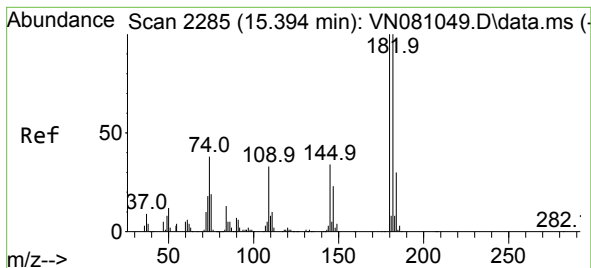
Tgt Ion:146 Resp: 138002
Ion Ratio Lower Upper
146 100
111 44.3 23.9 71.8
148 62.2 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.822 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN081270.D
Acq: 29 Feb 2024 16:15

Tgt Ion: 75 Resp: 19164
Ion Ratio Lower Upper
75 100
155 77.3 31.8 95.4
157 99.9 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 18.639 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN081270.D

Acq: 29 Feb 2024 16:15

Instrument :

MSVOA_N

ClientSampleId :

VN0229WBSD01

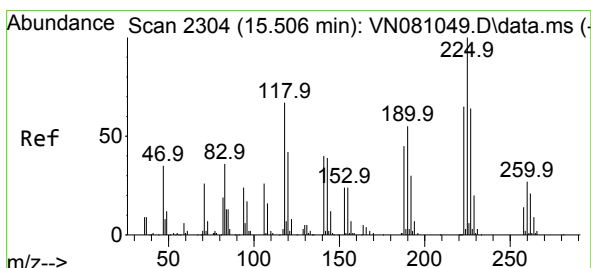
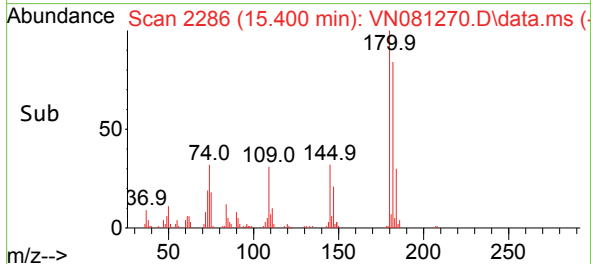
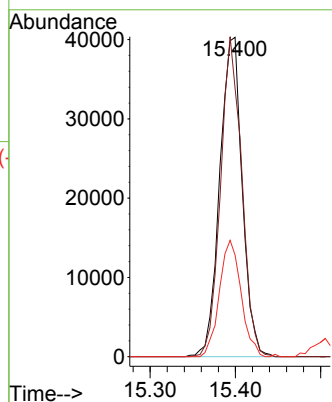
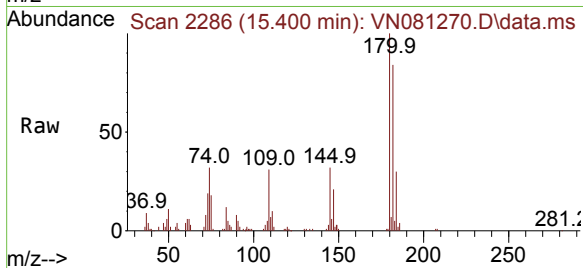
Tgt Ion:180 Resp: 73584

Ion Ratio Lower Upper

180 100

182 94.3 46.6 139.7

145 35.3 16.8 50.3



#94

Hexachlorobutadiene

Concen: 19.236 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.006 min

Lab File: VN081270.D

Acq: 29 Feb 2024 16:15

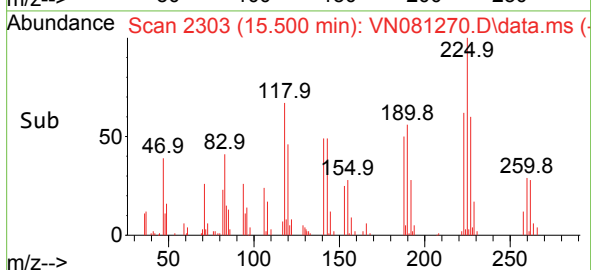
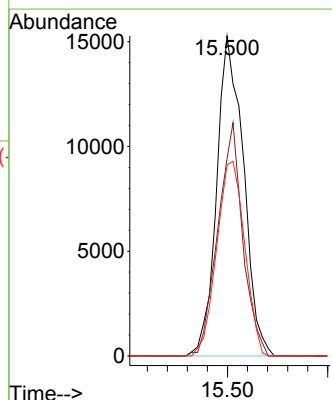
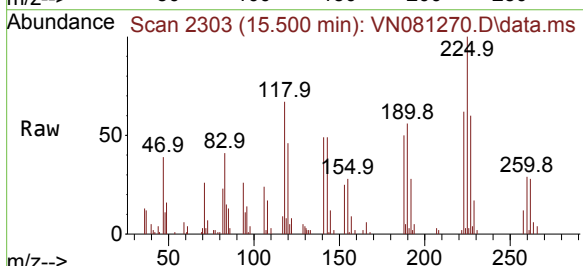
Tgt Ion:225 Resp: 28322

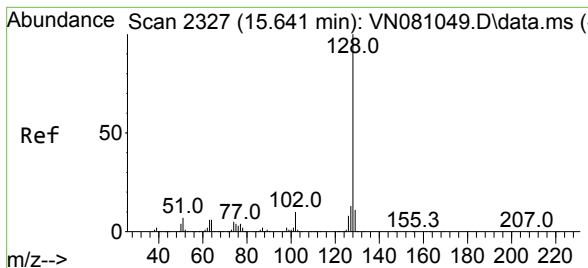
Ion Ratio Lower Upper

225 100

223 67.5 33.3 99.8

227 63.8 33.1 99.2





#95

Naphthalene

Concen: 18.085 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN081270.D

Acq: 29 Feb 2024 16:15

Instrument :

MSVOA_N

ClientSampleId :

VN0229WBSD01

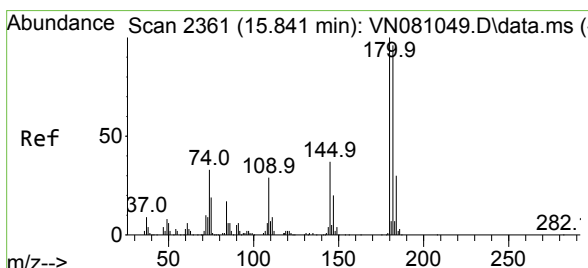
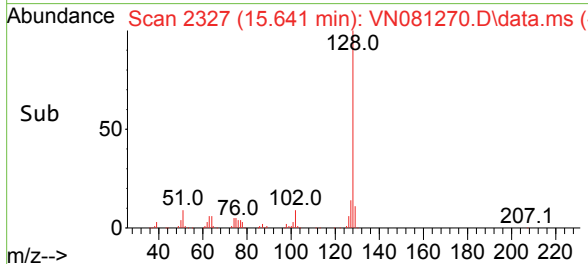
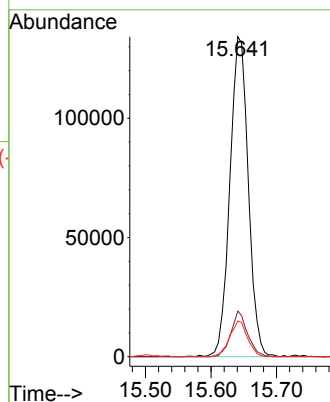
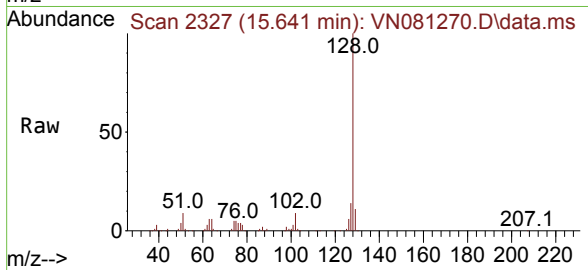
Tgt Ion:128 Resp: 261640

Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 18.880 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN081270.D

Acq: 29 Feb 2024 16:15

Tgt Ion:180 Resp: 73943

Ion Ratio Lower Upper

180 100

182 97.5 46.5 139.3

145 37.5 17.8 53.4

