

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021624\
 Data File : VN081053.D
 Acq On : 16 Feb 2024 14:06
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Feb 16 23:28:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:28:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	359134	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	667935	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	575124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	222922	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	6079	1.381	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	2.760%#
35) Dibromofluoromethane	8.165	113	4262	1.128	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	2.260%#
50) Toluene-d8	10.565	98	16821	1.254	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	2.500%#
62) 4-Bromofluorobenzene	12.853	95	5715	1.134	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	2.260%#

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	2.124	85	3943	0.849	ug/l #	69
3) Chloromethane	2.365	50	9220	0.658	ug/l	93
4) Vinyl Chloride	2.512	62	5208	1.010	ug/l #	53
5) Bromomethane	2.965	94	4945	1.350	ug/l	86
6) Chloroethane	3.112	64	5707	1.231	ug/l #	57
7) Trichlorofluoromethane	3.495	101	7355	0.976	ug/l	93
8) Diethyl Ether	3.965	74	2855	1.036	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.353	101	1748	0.416	ug/l #	24
10) Methyl Iodide	4.589	142	4921	1.049	ug/l #	86
11) Tert butyl alcohol	5.500	59	4481	5.535	ug/l #	86
12) 1,1-Dichloroethene	4.336	96	4113	1.013	ug/l #	55
13) Acrolein	4.183	56	4810	11.086	ug/l	89
14) Allyl chloride	5.012	41	2656	0.441	ug/l #	1
15) Acrylonitrile	5.724	53	11267	5.329	ug/l	94
16) Acetone	4.430	43	9691	5.595	ug/l	97
17) Carbon Disulfide	4.718	76	12335	1.089	ug/l #	89
18) Methyl Acetate	5.018	43	3337	0.790	ug/l #	90
19) Methyl tert-butyl Ether	5.795	73	13654	0.982	ug/l	95
20) Methylene Chloride	5.283	84	6448	0.519	ug/l #	71
21) trans-1,2-Dichloroethene	5.783	96	4607	1.017	ug/l #	80
22) Diisopropyl ether	6.671	45	12644	0.925	ug/l #	91
23) Vinyl Acetate	6.600	43	51631	4.655	ug/l #	94
24) 1,1-Dichloroethane	6.553	63	7701	0.974	ug/l #	93
25) 2-Butanone	7.489	43	14105	5.041	ug/l #	89
26) 2,2-Dichloropropane	7.500	77	7452	1.006	ug/l #	68
27) cis-1,2-Dichloroethene	7.483	96	5819	1.105	ug/l	87
28) Bromochloromethane	7.806	49	1781	0.544	ug/l #	1
29) Tetrahydrofuran	7.847	42	10195	5.458	ug/l #	87
30) Chloroform	7.959	83	8604	1.024	ug/l	100
31) Cyclohexane	8.230	56	14929	1.964	ug/l #	1
32) 1,1,1-Trichloroethane	8.171	97	7711	1.008	ug/l #	43
36) 1,1-Dichloropropene	8.371	75	6526	1.009	ug/l	89
37) Ethyl Acetate	7.559	43	5949	1.019	ug/l #	75
38) Carbon Tetrachloride	8.353	117	5930	0.906	ug/l #	85
39) Methylcyclohexane	9.600	83	7128	0.945	ug/l	88
40) Benzene	8.606	78	18726	1.000	ug/l #	85

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	3668	1.104	ug/l #	80
42) 1,2-Dichloroethane	8.677	62	6742	1.032	ug/l	80
43) Isopropyl Acetate	8.683	43	10317	1.010	ug/l #	88
44) Trichloroethene	9.359	130	5036	1.010	ug/l	93
45) 1,2-Dichloropropane	9.624	63	4536	0.968	ug/l #	85
46) Dibromomethane	9.712	93	3614	1.059	ug/l	99
47) Bromodichloromethane	9.882	83	5952	0.921	ug/l #	77
48) Methyl methacrylate	9.688	41	5067	1.066	ug/l	98
49) 1,4-Dioxane	9.694	88	2567	25.337	ug/l	90
51) 4-Methyl-2-Pentanone	10.447	43	27652	4.706	ug/l	92
52) Toluene	10.635	92	10778	0.909	ug/l	89
53) t-1,3-Dichloropropene	10.835	75	6014	0.837	ug/l #	84
54) cis-1,3-Dichloropropene	10.318	75	6961	0.897	ug/l #	85
55) 1,1,2-Trichloroethane	11.018	97	4100	0.899	ug/l #	87
56) Ethyl methacrylate	10.871	69	6359	0.912	ug/l	89
57) 1,3-Dichloropropane	11.171	76	7761	0.984	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	18489	5.287	ug/l #	89
59) 2-Hexanone	11.200	43	23250	4.991	ug/l	95
60) Dibromochloromethane	11.359	129	4461	0.921	ug/l	91
61) 1,2-Dibromoethane	11.471	107	4808	1.003	ug/l	95
64) Tetrachloroethene	11.100	164	4272	1.088	ug/l #	78
65) Chlorobenzene	11.894	112	12771	1.026	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.959	131	4408	0.986	ug/l #	61
67) Ethyl Benzene	11.965	91	20482	0.920	ug/l	94
68) m/p-Xylenes	12.071	106	16173	1.894	ug/l	86
69) o-Xylene	12.400	106	8214	0.971	ug/l	81
70) Styrene	12.412	104	11587	0.864	ug/l	97
71) Bromoform	12.582	173	2234	0.788	ug/l #	94
73) Isopropylbenzene	12.694	105	19304	0.990	ug/l	96
74) N-amyl acetate	12.494	43	8112	0.984	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.935	83	5798	1.057	ug/l	96
76) 1,2,3-Trichloropropane	13.000	75	7670	1.508	ug/l #	1
77) Bromobenzene	12.982	156	4567	1.050	ug/l	73
78) n-propylbenzene	13.035	91	21132	0.941	ug/l	95
79) 2-Chlorotoluene	13.123	91	14859	1.079	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	14474	0.915	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.747	75	1470	0.747	ug/l #	61
82) 4-Chlorotoluene	13.223	91	13120	0.974	ug/l	95
83) tert-Butylbenzene	13.435	119	12430	0.909	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	14481	0.919	ug/l	96
85) sec-Butylbenzene	13.618	105	17545	0.923	ug/l	93
86) p-Isopropyltoluene	13.735	119	14438	0.914	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	8948	1.089	ug/l	92
88) 1,4-Dichlorobenzene	13.735	146	8948	1.108	ug/l	94
89) n-Butylbenzene	14.059	91	12543	0.912	ug/l	95
90) Hexachloroethane	14.335	117	2306	0.884	ug/l	74
91) 1,2-Dichlorobenzene	14.112	146	8599	1.085	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.717	75	1166	1.023	ug/l #	35
93) 1,2,4-Trichlorobenzene	15.400	180	4339	0.981	ug/l	84
94) Hexachlorobutadiene	15.512	225	1582	0.959	ug/l	86
95) Naphthalene	15.647	128	16946	1.046	ug/l	98
96) 1,2,3-Trichlorobenzene	15.835	180	4594	1.047	ug/l	91

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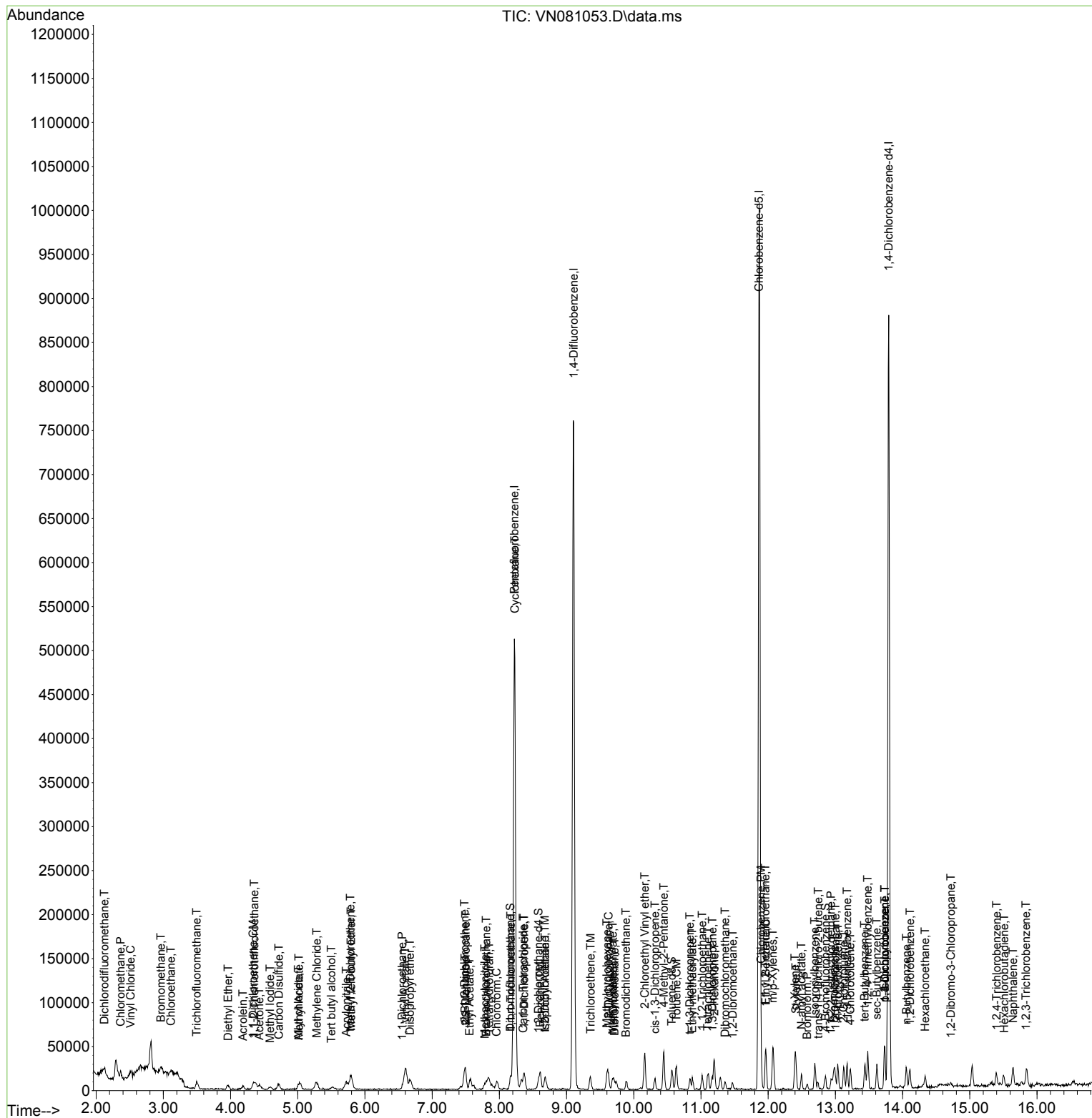
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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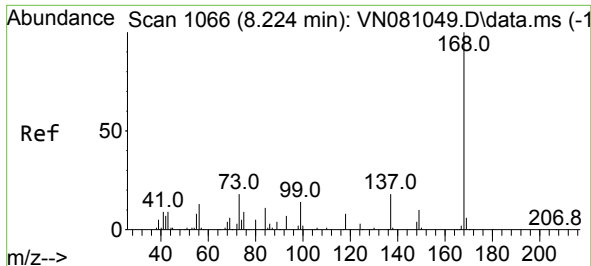
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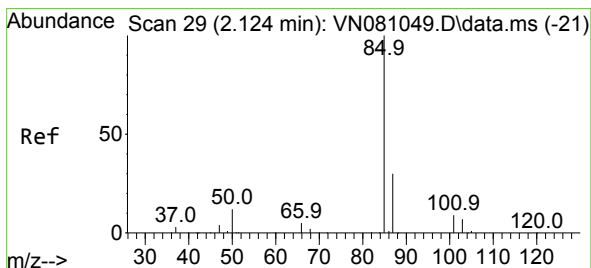
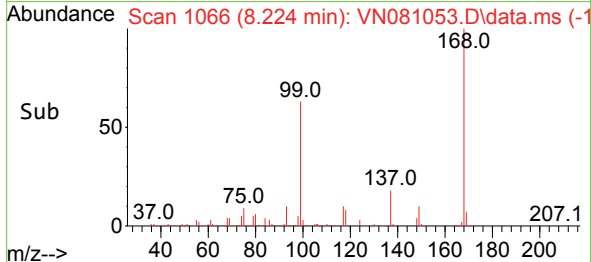
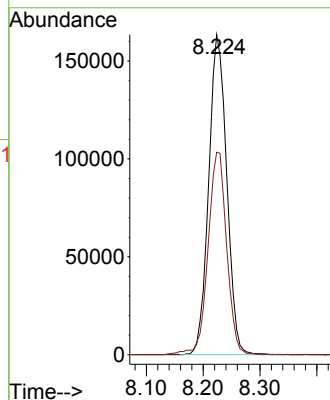
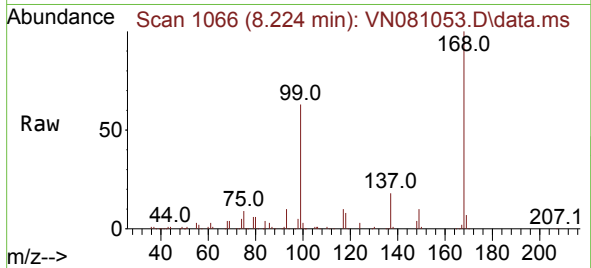




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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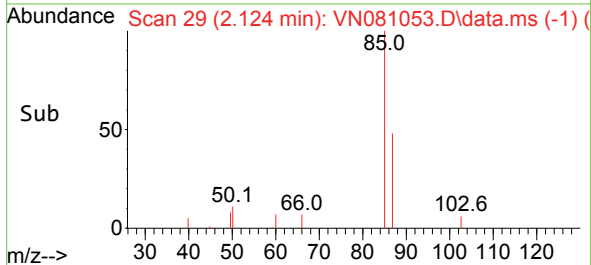
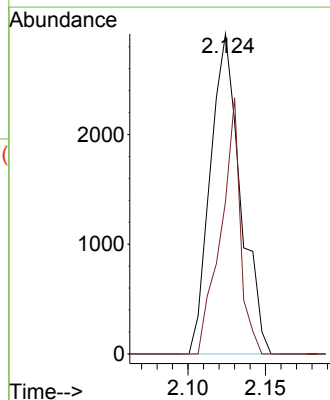
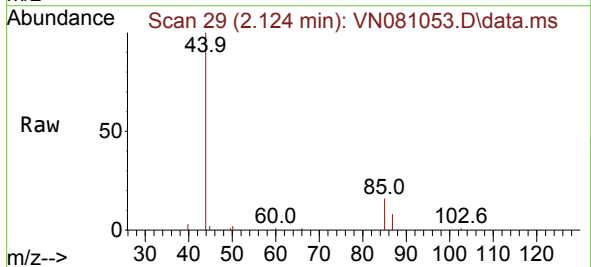
Instrument :
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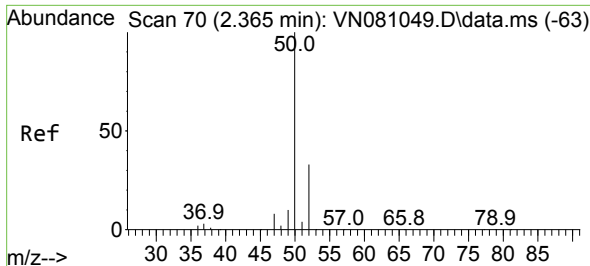
Tgt Ion:168 Resp: 359134
Ion Ratio Lower Upper
168 100
99 63.1 59.9 89.9



#2
Dichlorodifluoromethane
Concen: 0.849 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081053.D
Acq: 16 Feb 2024 14:06

Tgt Ion: 85 Resp: 3943
Ion Ratio Lower Upper
85 100
87 47.5 15.3 45.9#





#3
Chloromethane
Concen: 0.658 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN081053.D
Acq: 16 Feb 2024 14:06

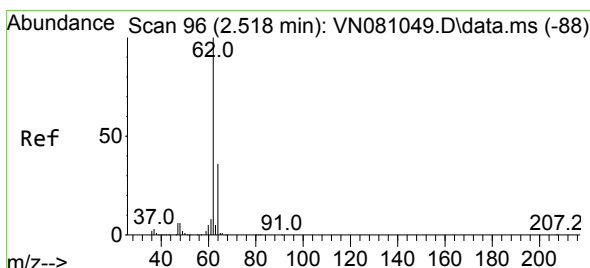
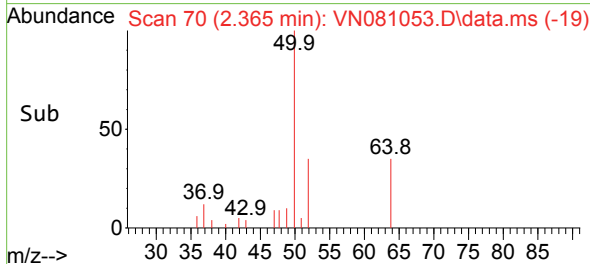
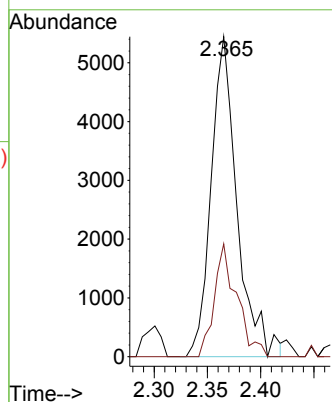
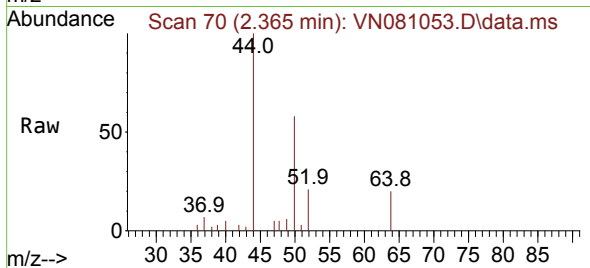
Instrument :

MSVOA_N

ClientSampleId :

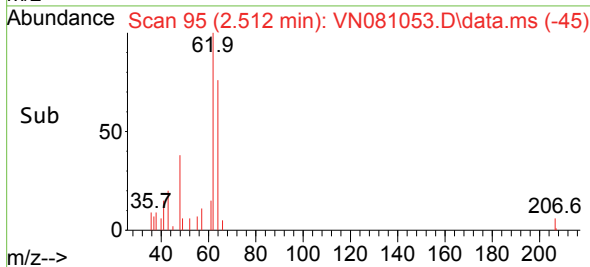
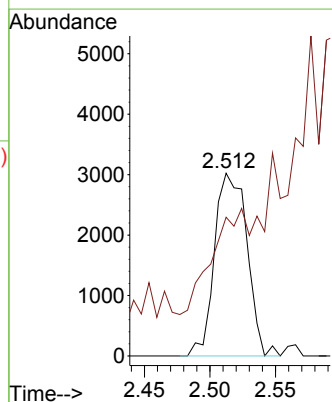
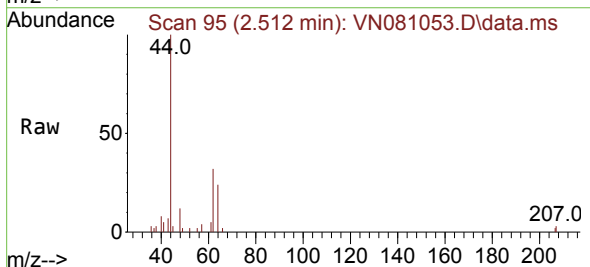
VSTDICC001

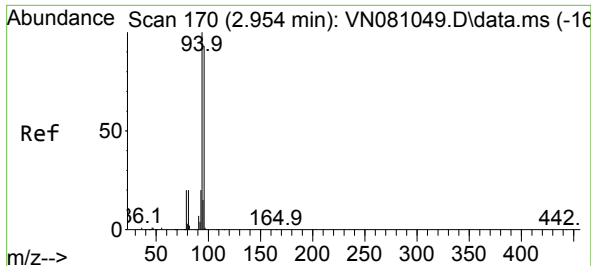
Tgt Ion: 50 Resp: 9220
Ion Ratio Lower Upper
50 100
52 35.2 25.0 37.4



#4
Vinyl Chloride
Concen: 1.010 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN081053.D
Acq: 16 Feb 2024 14:06

Tgt Ion: 62 Resp: 5208
Ion Ratio Lower Upper
62 100
64 53.2 22.7 34.1#

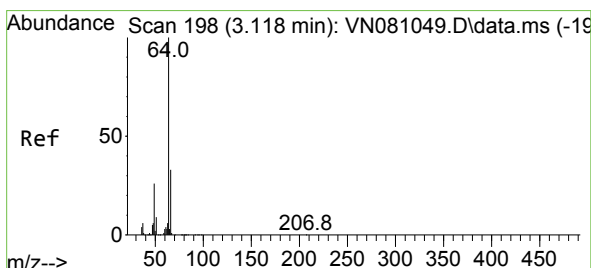
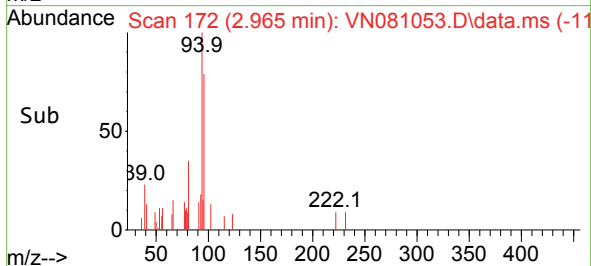
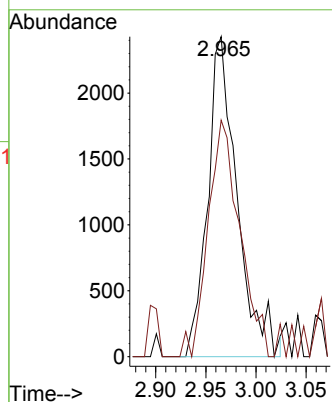
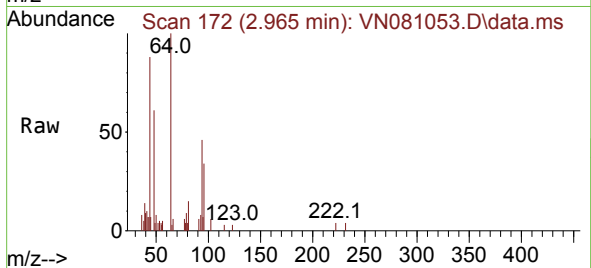




#5
Bromomethane
Concen: 1.350 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN081053.D
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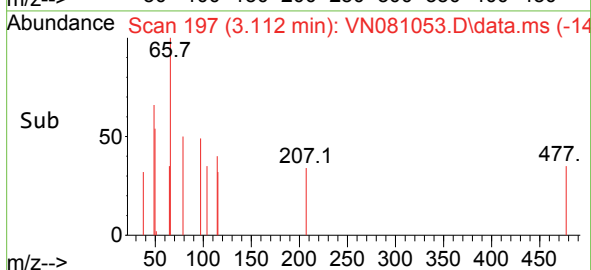
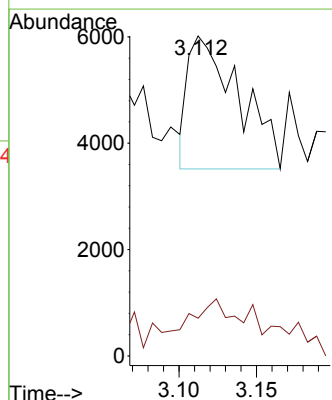
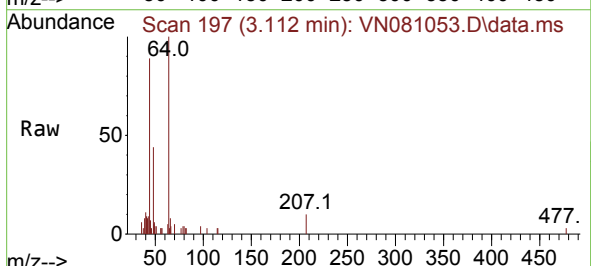
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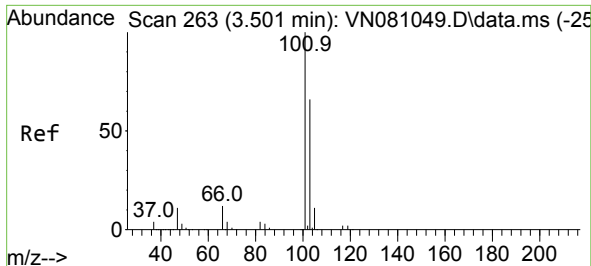
Tgt Ion: 94 Resp: 4945
Ion Ratio Lower Upper
94 100
96 73.9 69.2 103.8



#6
Chloroethane
Concen: 1.231 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN081053.D
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Tgt Ion: 64 Resp: 5707
Ion Ratio Lower Upper
64 100
66 8.7 26.4 39.6#

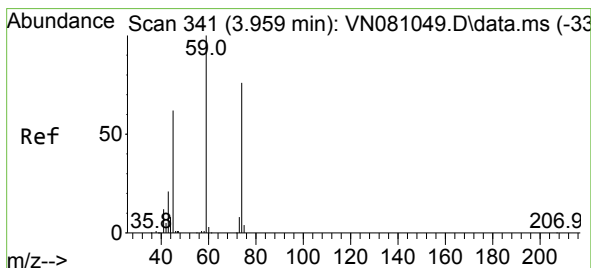
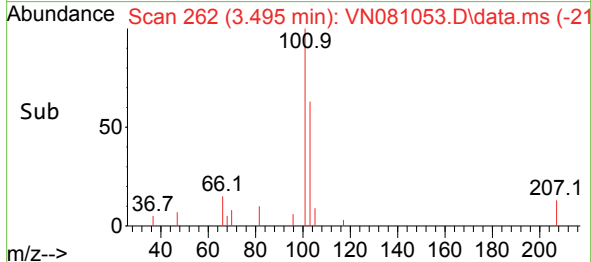
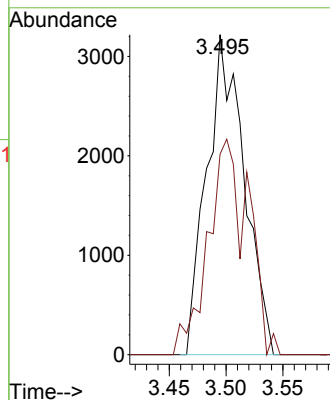
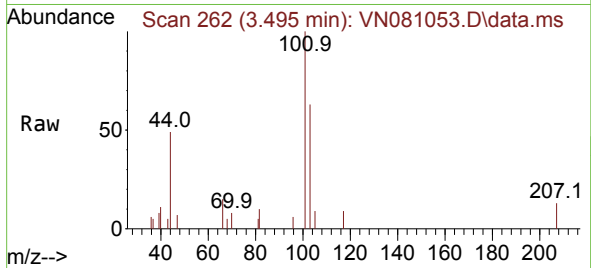




#7
Trichlorofluoromethane
Concen: 0.976 ug/l
RT: 3.495 min Scan# 210
Delta R.T. -0.006 min
Lab File: VN081053.D
Acq: 16 Feb 2024 14:06

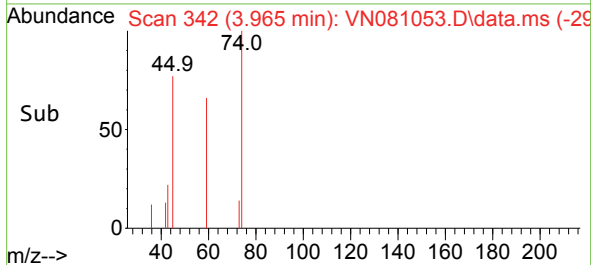
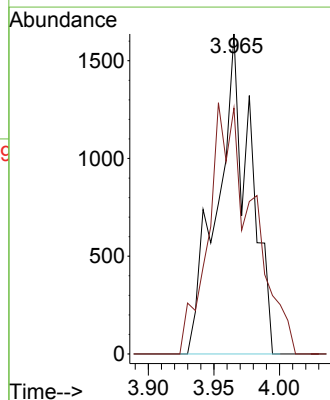
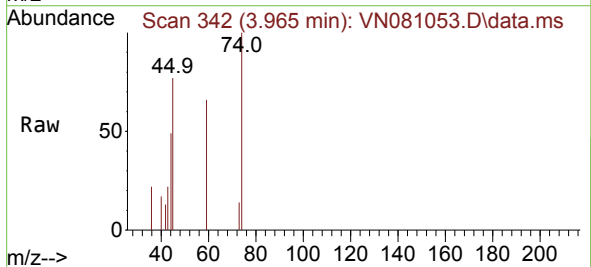
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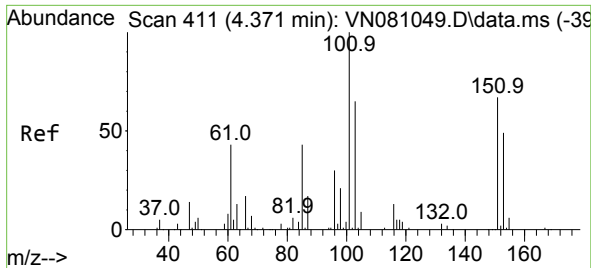
Tgt Ion:101 Resp: 7355
Ion Ratio Lower Upper
101 100
103 62.7 54.4 81.6



#8
Diethyl Ether
Concen: 1.036 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN081053.D
Acq: 16 Feb 2024 14:06

Tgt Ion: 74 Resp: 2855
Ion Ratio Lower Upper
74 100
45 104.6 53.3 159.9

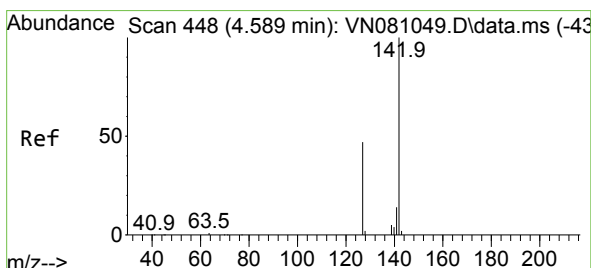
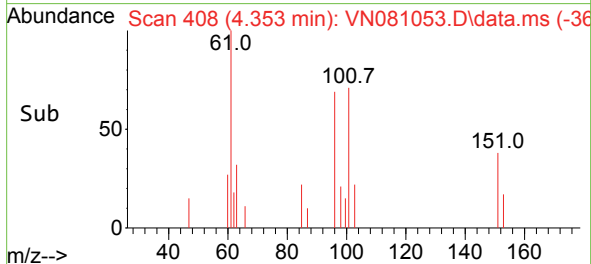
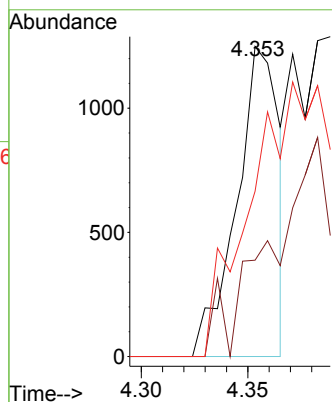
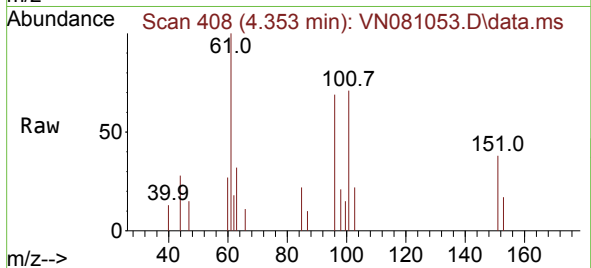




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.416 ug/l
RT: 4.353 min Scan# 408
Delta R.T. -0.018 min
Lab File: VN081053.D
Acq: 16 Feb 2024 14:06

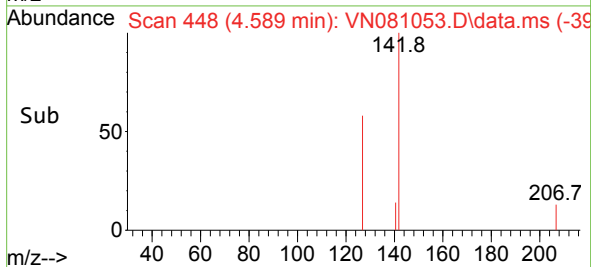
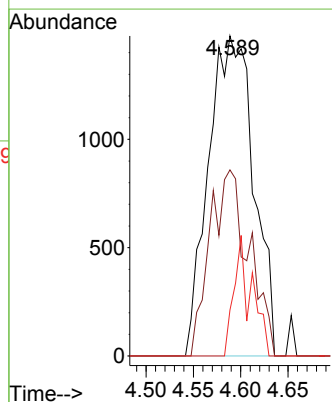
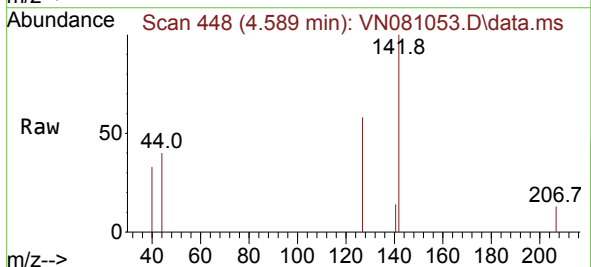
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:101 Resp: 1748
Ion Ratio Lower Upper
101 100
85 0.0 38.1 57.1#
151 0.0 49.1 73.7#



#10
Methyl Iodide
Concen: 1.049 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081053.D
Acq: 16 Feb 2024 14:06

Tgt Ion:142 Resp: 4921
Ion Ratio Lower Upper
142 100
127 58.2 37.0 55.4#
141 14.4 12.5 18.7

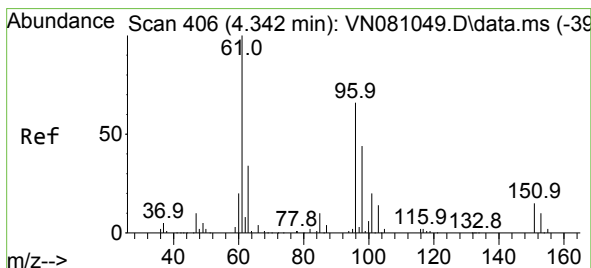
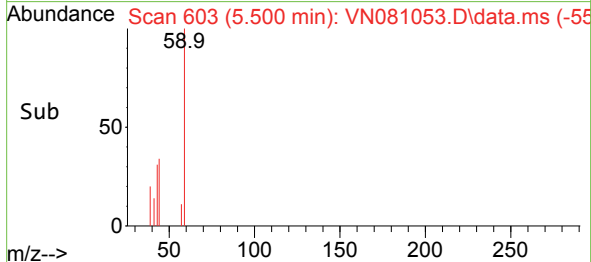
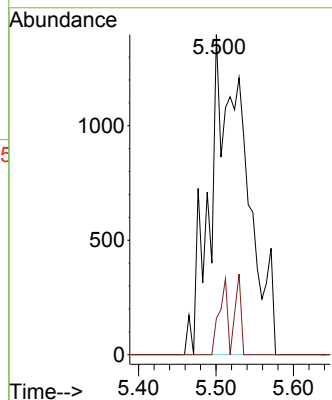
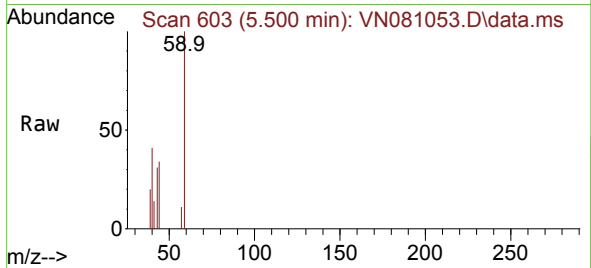




#11
Tert butyl alcohol
Concen: 5.535 ug/l
RT: 5.500 min Scan# 605
Delta R.T. -0.012 min
Lab File: VN081053.D
Acq: 16 Feb 2024 14:06

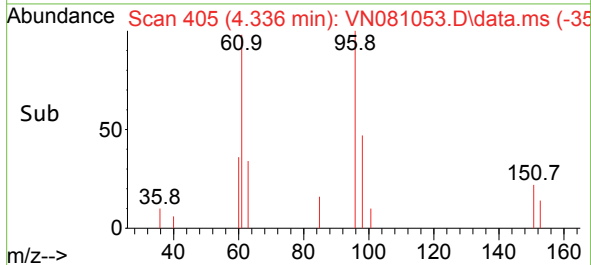
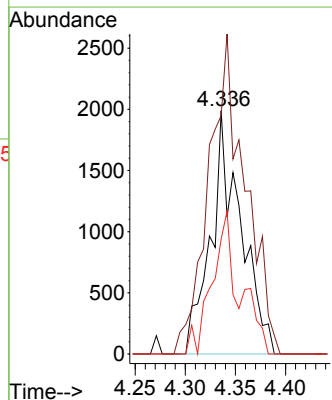
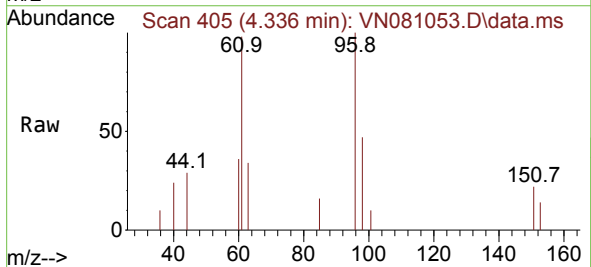
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 59 Resp: 4481
Ion Ratio Lower Upper
59 100
57 5.4 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 1.013 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN081053.D
Acq: 16 Feb 2024 14:06

Tgt Ion: 96 Resp: 4113
Ion Ratio Lower Upper
96 100
61 97.9 138.2 207.4#
98 47.2 49.2 73.8#





#13

Acrolein

Concen: 11.086 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN081053.D

Acq: 16 Feb 2024 14:06

Instrument :

MSVOA_N

ClientSampleId :

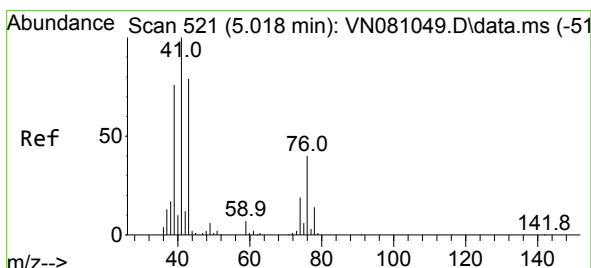
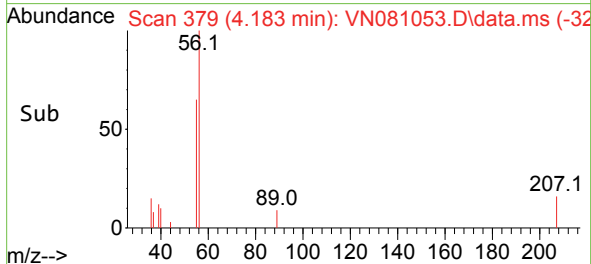
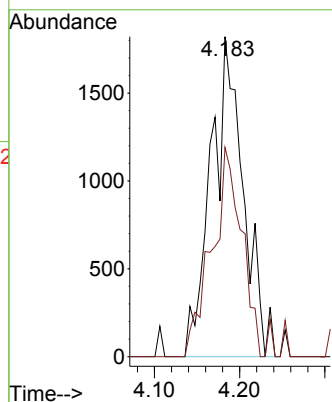
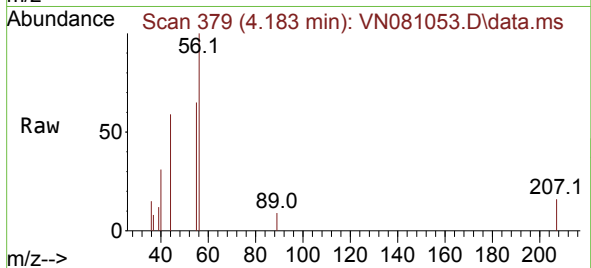
VSTDIC001

Tgt Ion: 56 Resp: 4810

Ion Ratio Lower Upper

56 100

55 60.2 55.3 82.9



#14

Allyl chloride

Concen: 0.441 ug/l

RT: 5.012 min Scan# 520

Delta R.T. -0.006 min

Lab File: VN081053.D

Acq: 16 Feb 2024 14:06

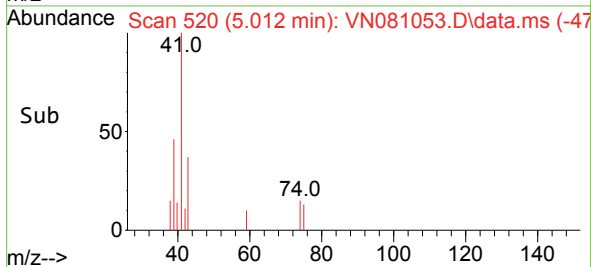
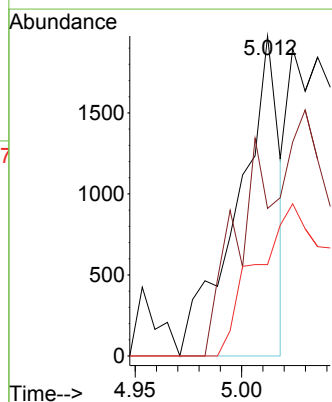
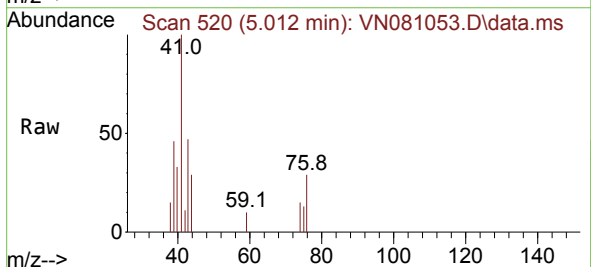
Tgt Ion: 41 Resp: 2656

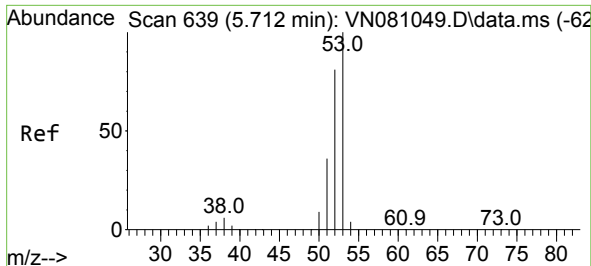
Ion Ratio Lower Upper

41 100

39 174.8 57.7 86.5#

76 97.2 26.8 40.2#

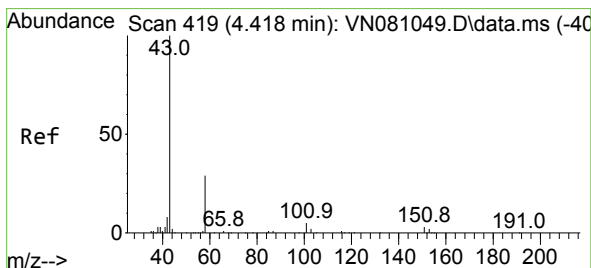
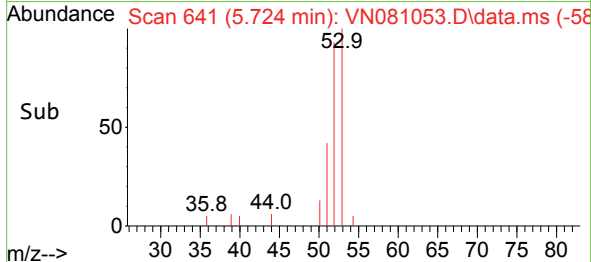
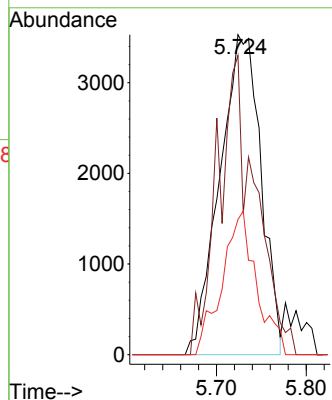
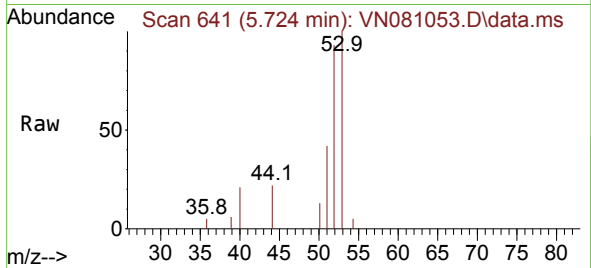




#15
Acrylonitrile
Concen: 5.329 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.012 min
Lab File: VN081053.D
Acq: 16 Feb 2024 14:06

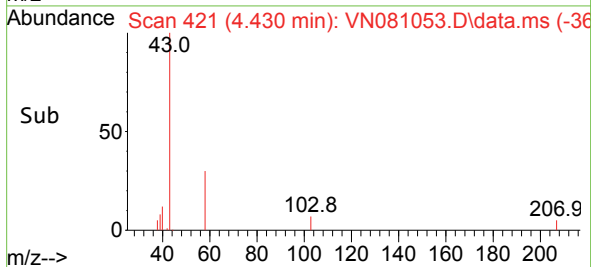
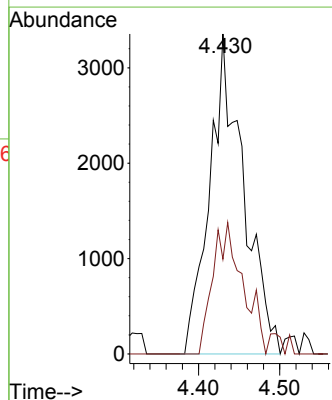
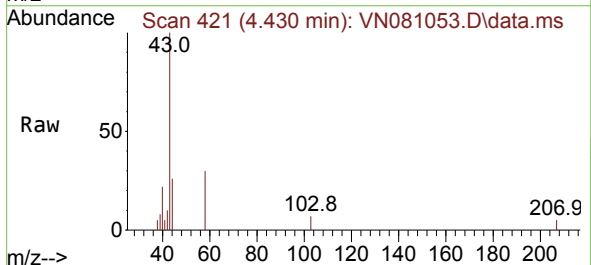
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

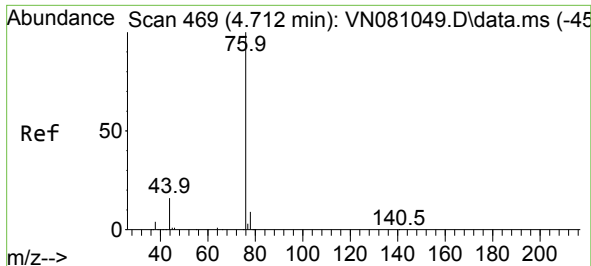
Tgt Ion: 53 Resp: 11267
Ion Ratio Lower Upper
53 100
52 85.7 64.8 97.2
51 37.5 26.9 40.3



#16
Acetone
Concen: 5.595 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN081053.D
Acq: 16 Feb 2024 14:06

Tgt Ion: 43 Resp: 9691
Ion Ratio Lower Upper
43 100
58 29.6 24.8 37.2





#17

Carbon Disulfide

Concen: 1.089 ug/l

RT: 4.718 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN081053.D

Acq: 16 Feb 2024 14:06

Instrument :

MSVOA_N

ClientSampleId :

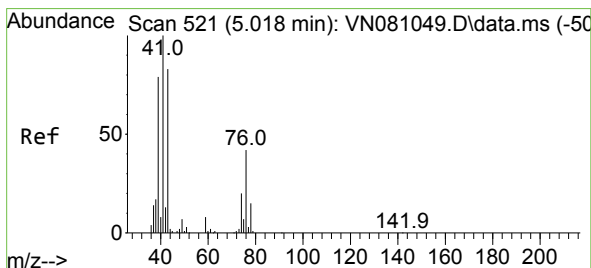
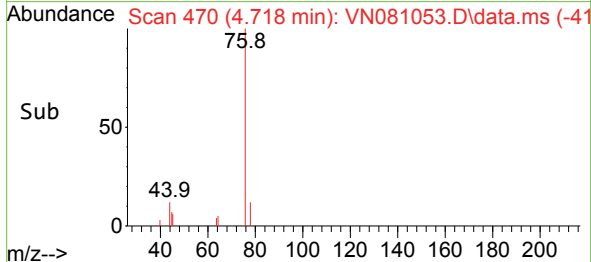
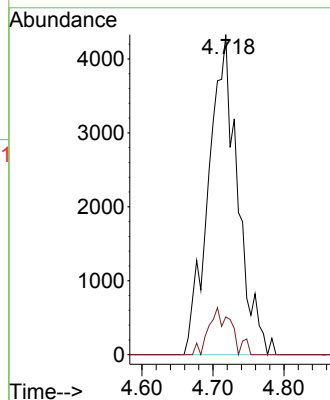
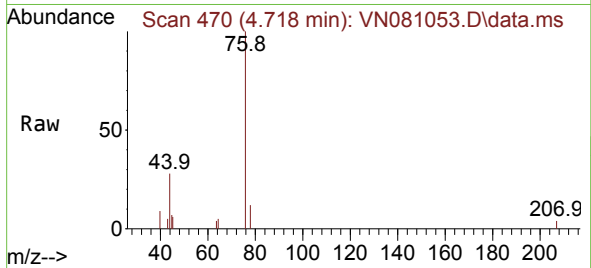
VSTDIC001

Tgt Ion: 76 Resp: 12335

Ion Ratio Lower Upper

76 100

78 11.8 6.3 9.5#



#18

Methyl Acetate

Concen: 0.790 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.000 min

Lab File: VN081053.D

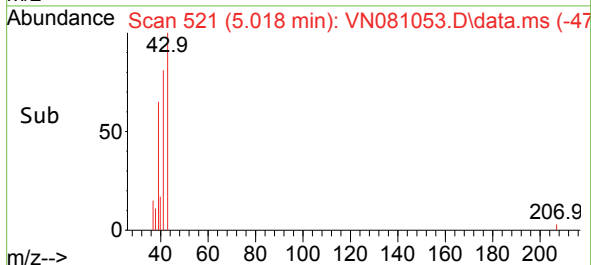
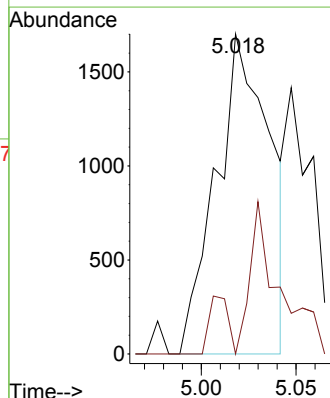
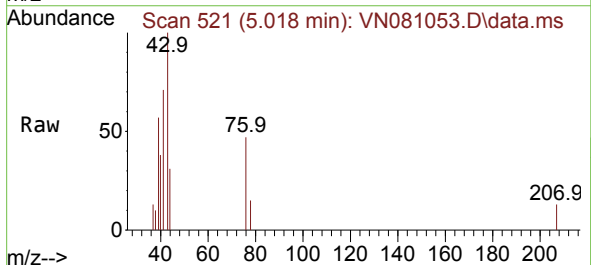
Acq: 16 Feb 2024 14:06

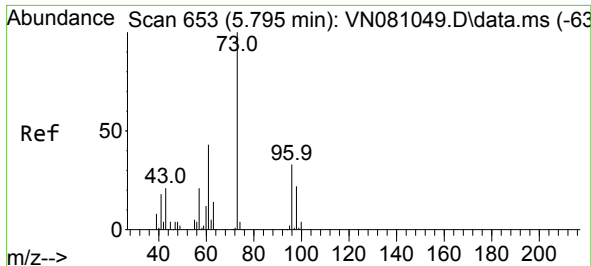
Tgt Ion: 43 Resp: 3337

Ion Ratio Lower Upper

43 100

74 26.1 17.3 25.9#

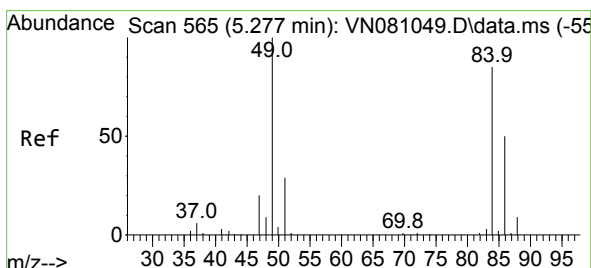
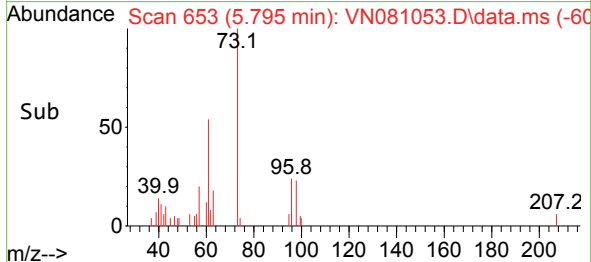
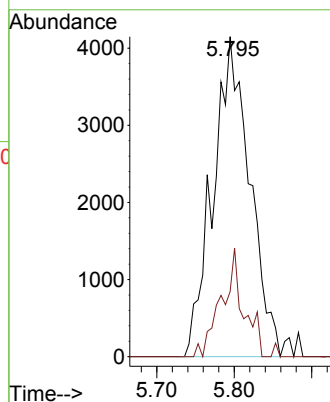
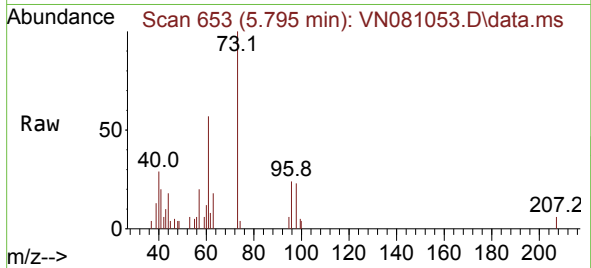




#19
Methyl tert-butyl Ether
Concen: 0.982 ug/l
RT: 5.795 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN081053.D
Acq: 16 Feb 2024 14:06

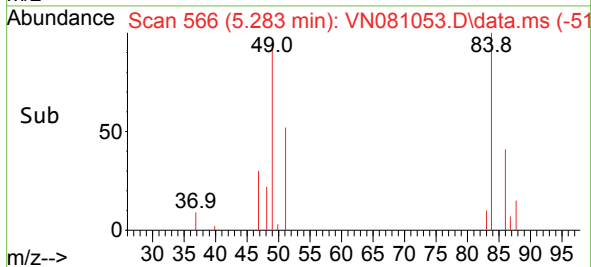
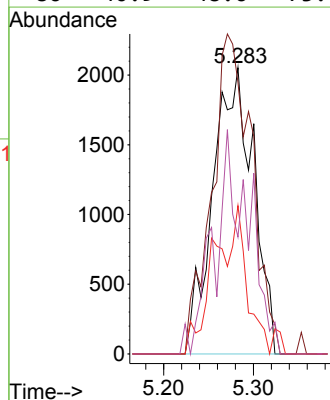
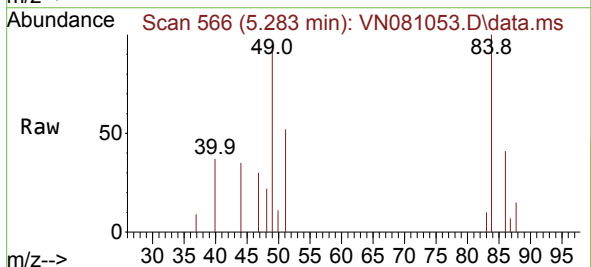
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

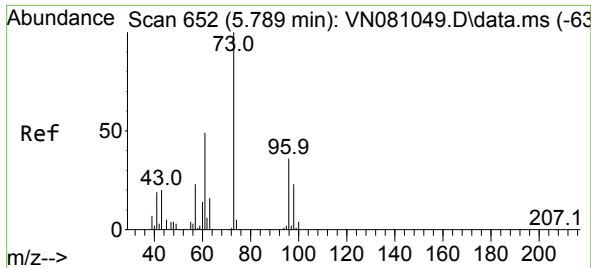
Tgt Ion: 73 Resp: 13654
Ion Ratio Lower Upper
73 100
57 20.3 18.2 27.4



#20
Methylene Chloride
Concen: 0.519 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN081053.D
Acq: 16 Feb 2024 14:06

Tgt Ion: 84 Resp: 6448
Ion Ratio Lower Upper
84 100
49 94.9 108.1 162.1#
51 51.8 32.9 49.3#
86 40.9 48.6 73.0#

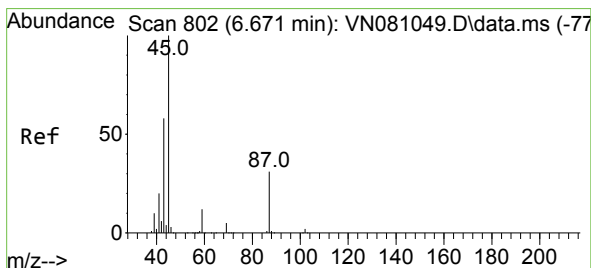
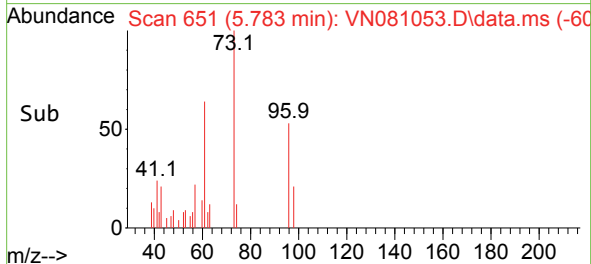
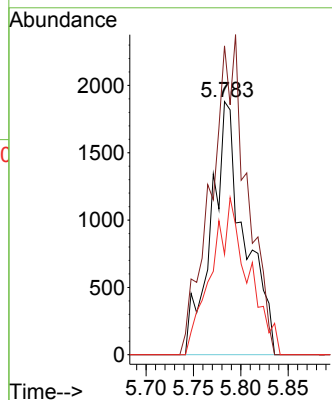
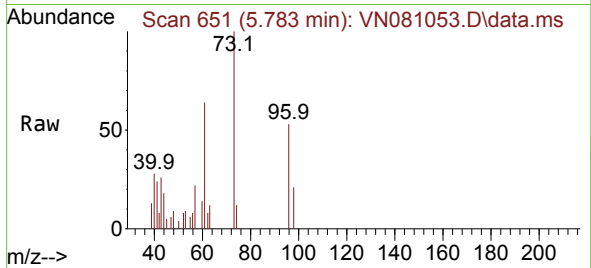




#21
trans-1,2-Dichloroethene
Concen: 1.017 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081053.D
Acq: 16 Feb 2024 14:06

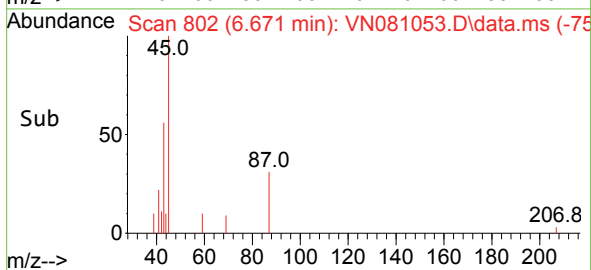
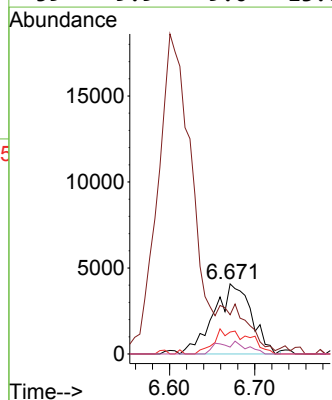
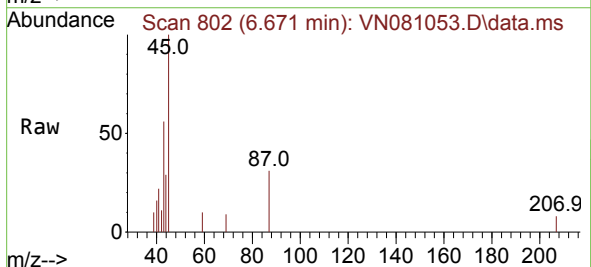
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

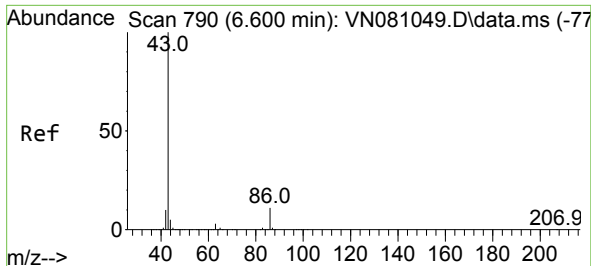
Tgt Ion: 96 Resp: 4607
Ion Ratio Lower Upper
96 100
61 122.0 112.8 169.2
98 39.7 51.0 76.4#



#22
Diisopropyl ether
Concen: 0.925 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN081053.D
Acq: 16 Feb 2024 14:06

Tgt Ion: 45 Resp: 12644
Ion Ratio Lower Upper
45 100
43 47.9 41.8 62.8
87 31.3 18.1 27.1#
59 9.9 9.0 13.6

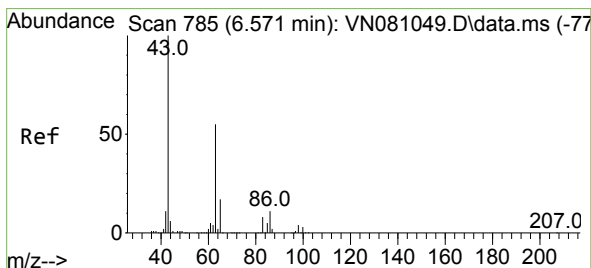
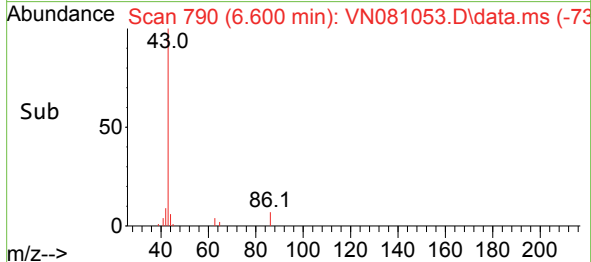
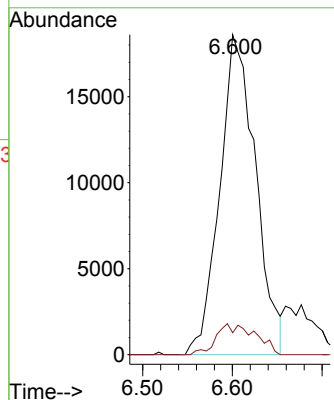
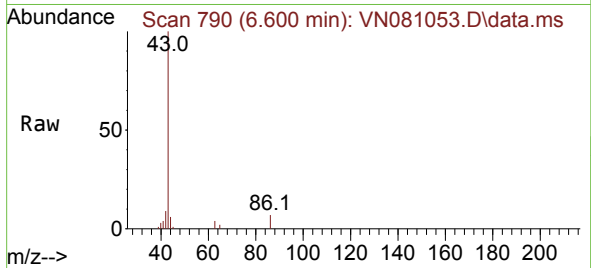




#23
 Vinyl Acetate
 Concen: 4.655 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN081053.D
 Acq: 16 Feb 2024 14:06

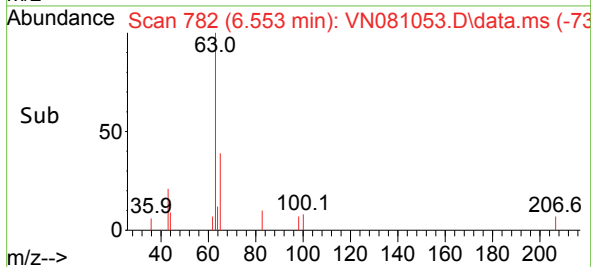
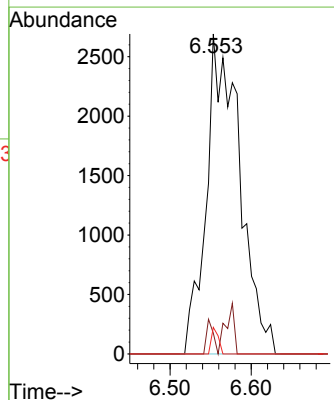
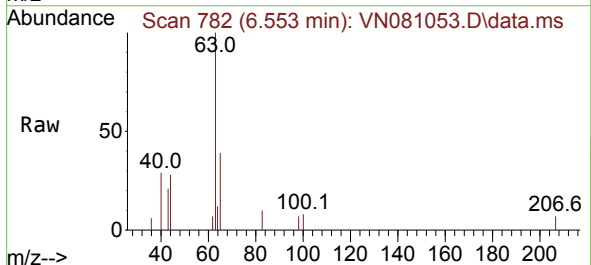
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

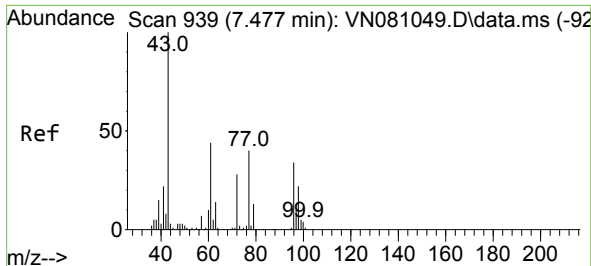
Tgt Ion: 43 Resp: 51631
 Ion Ratio Lower Upper
 43 100
 86 6.9 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 0.974 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. -0.018 min
 Lab File: VN081053.D
 Acq: 16 Feb 2024 14:06

Tgt Ion: 63 Resp: 7701
 Ion Ratio Lower Upper
 63 100
 98 6.5 2.9 8.6
 100 8.3 1.9 5.7#

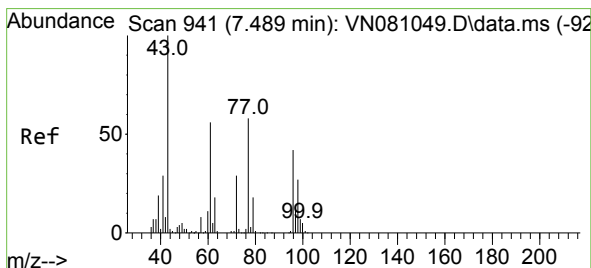
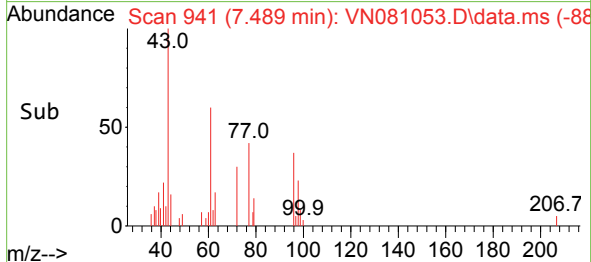
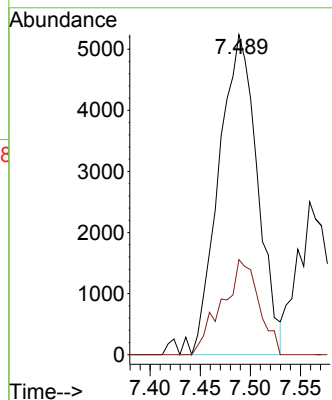
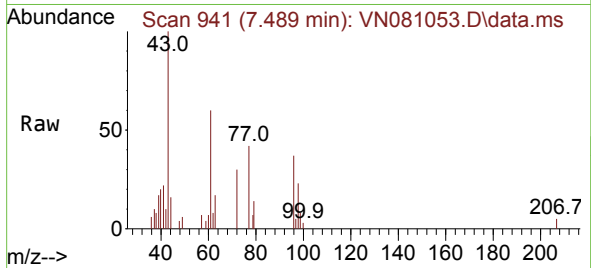




#25
2-Butanone
Concen: 5.041 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN081053.D
Acq: 16 Feb 2024 14:06

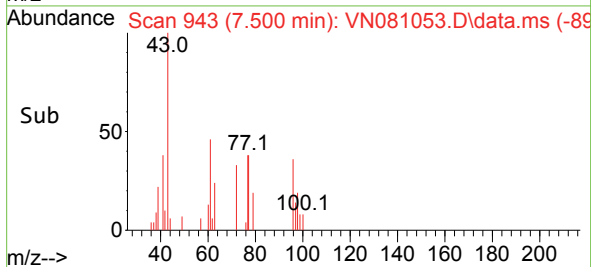
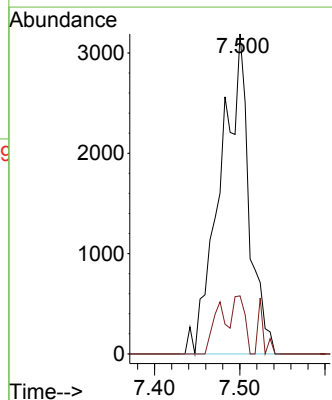
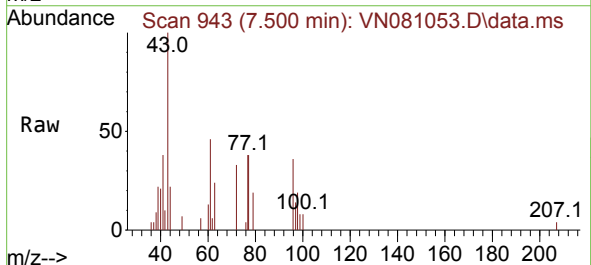
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

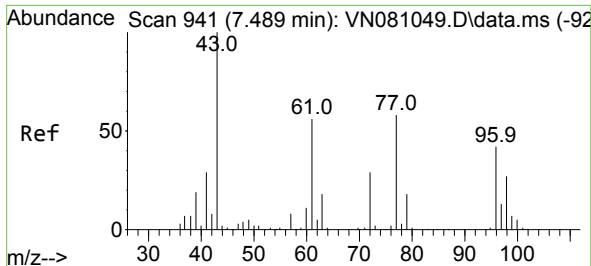
Tgt Ion: 43 Resp: 14105
Ion Ratio Lower Upper
43 100
72 29.7 19.5 29.3#



#26
2,2-Dichloropropane
Concen: 1.006 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.012 min
Lab File: VN081053.D
Acq: 16 Feb 2024 14:06

Tgt Ion: 77 Resp: 7452
Ion Ratio Lower Upper
77 100
97 7.3 11.5 34.5#

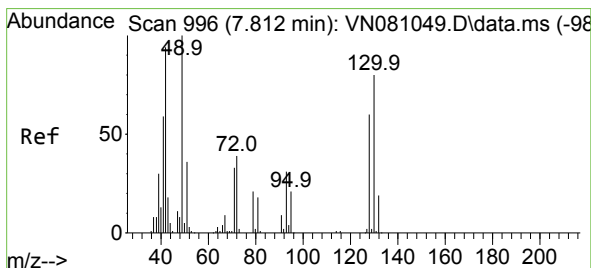
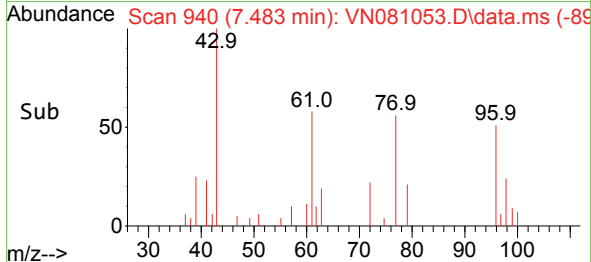
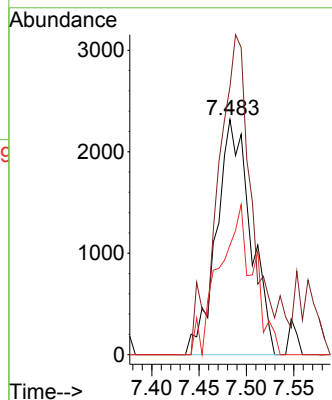
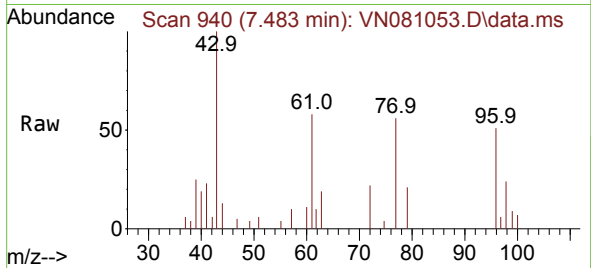




#27
 cis-1,2-Dichloroethene
 Concen: 1.105 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN081053.D
 Acq: 16 Feb 2024 14:06

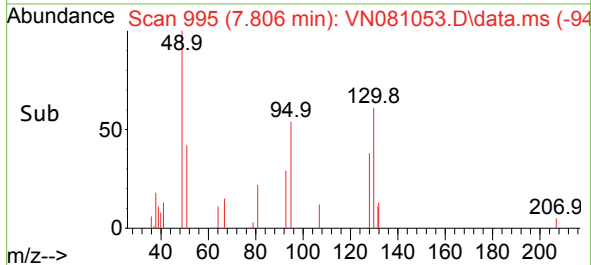
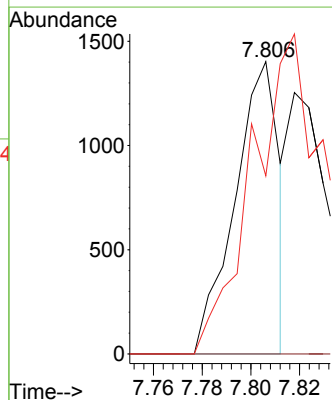
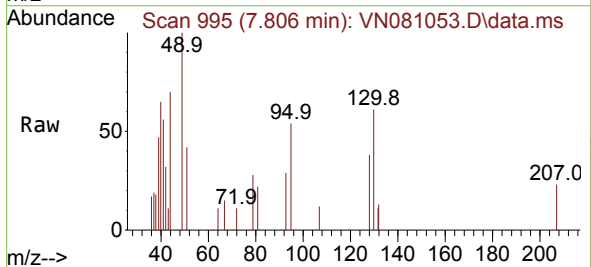
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

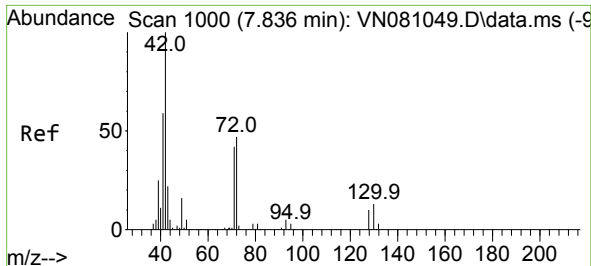
Tgt Ion:	96	Resp:	5819
Ion	Ratio	Lower	Upper
96	100		
61	138.5	0.0	325.4
98	64.6	0.0	130.4



#28
 Bromochloromethane
 Concen: 0.544 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VN081053.D
 Acq: 16 Feb 2024 14:06

Tgt Ion:	49	Resp:	1781
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	1.6
130	180.2	42.3	63.5#





#29

Tetrahydrofuran

Concen: 5.458 ug/l

RT: 7.847 min Scan# 10

Delta R.T. 0.012 min

Lab File: VN081053.D

Acq: 16 Feb 2024 14:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

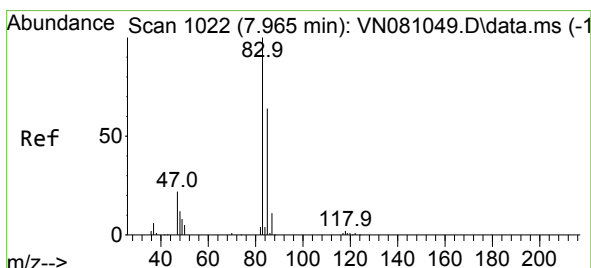
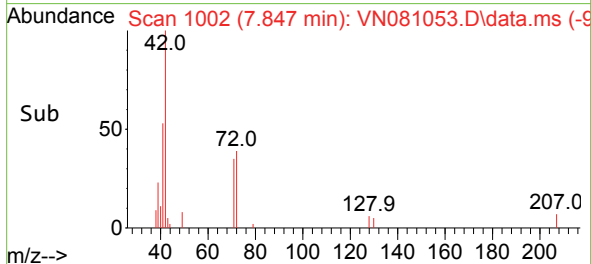
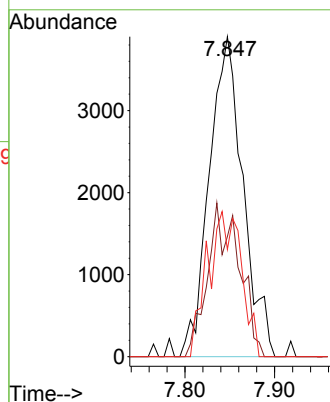
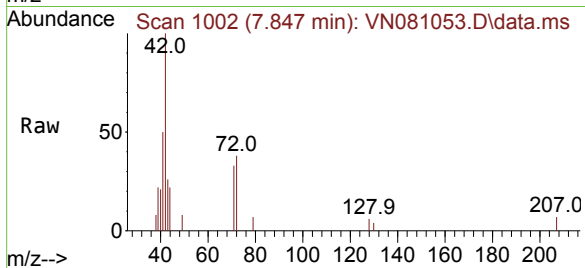
Tgt Ion: 42 Resp: 10195

Ion Ratio Lower Upper

42 100

72 45.1 31.1 46.7

71 45.3 28.3 42.5#



#30

Chloroform

Concen: 1.024 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VN081053.D

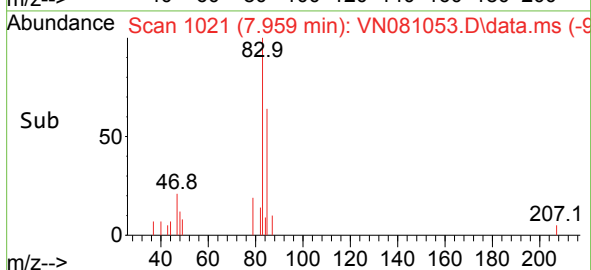
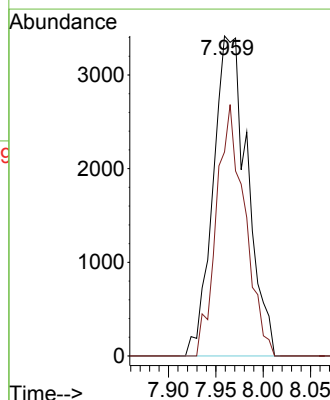
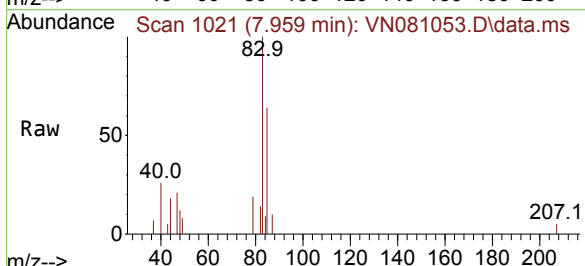
Acq: 16 Feb 2024 14:06

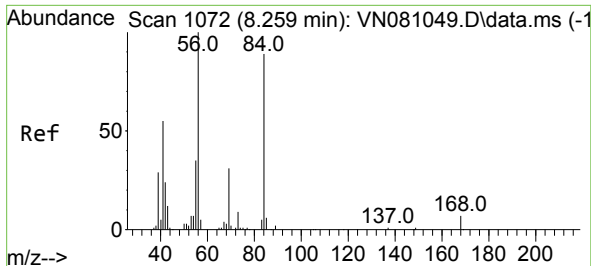
Tgt Ion: 83 Resp: 8604

Ion Ratio Lower Upper

83 100

85 63.8 51.0 76.6

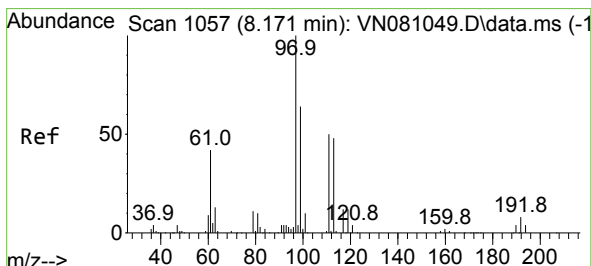
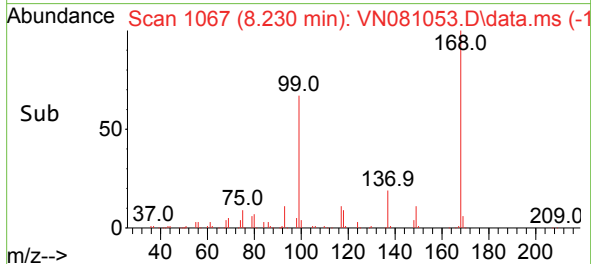
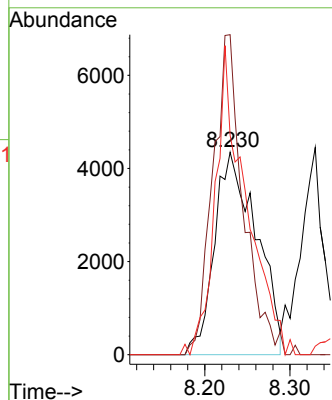
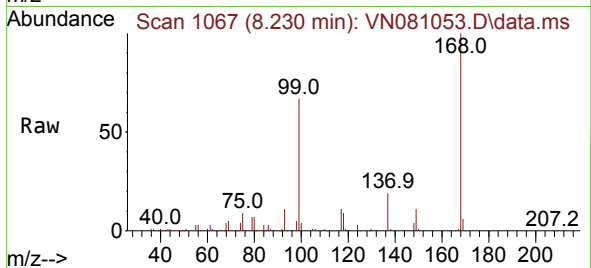




#31
Cyclohexane
Concen: 1.964 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN081053.D
Acq: 16 Feb 2024 14:06

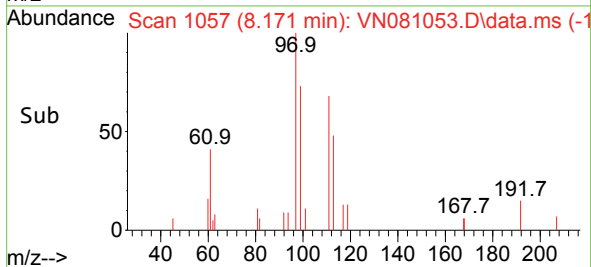
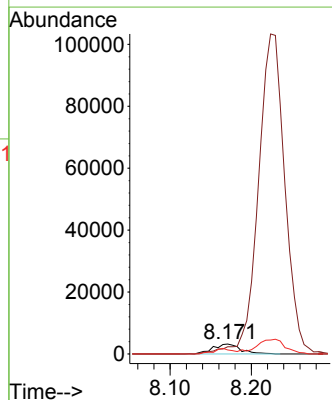
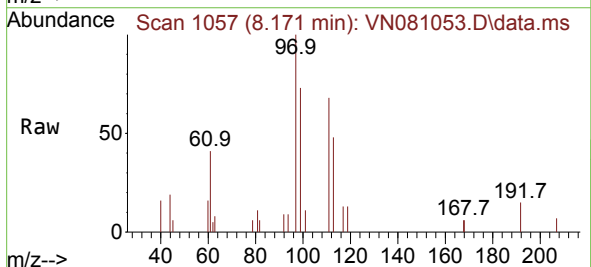
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

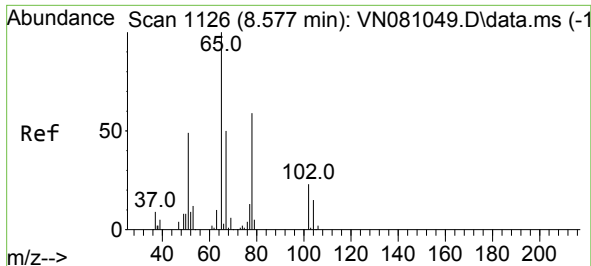
Tgt Ion: 56 Resp: 14929
Ion Ratio Lower Upper
56 100
69 158.1 20.1 30.1#
84 116.1 56.9 85.3#



#32
1,1,1-Trichloroethane
Concen: 1.008 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081053.D
Acq: 16 Feb 2024 14:06

Tgt Ion: 97 Resp: 7711
Ion Ratio Lower Upper
97 100
99 0.0 53.4 80.0#
61 36.5 43.8 65.8#





#33

1,2-Dichloroethane-d4

Concen: 1.381 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081053.D

Acq: 16 Feb 2024 14:06

Instrument :

MSVOA_N

ClientSampleId :

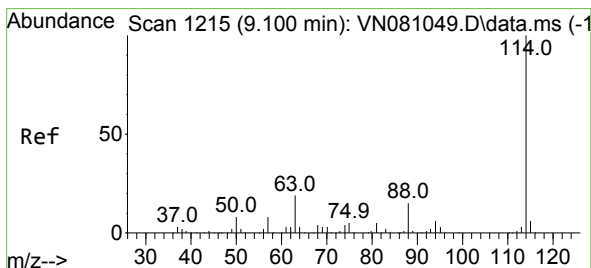
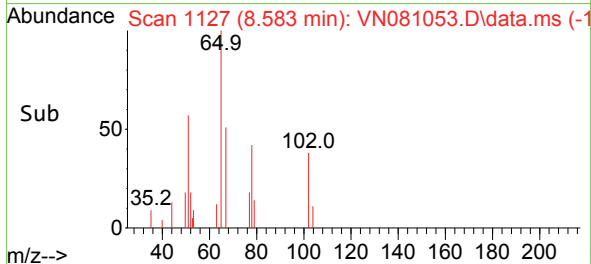
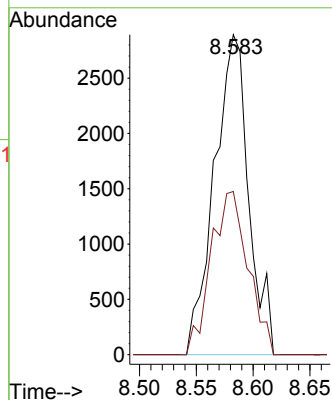
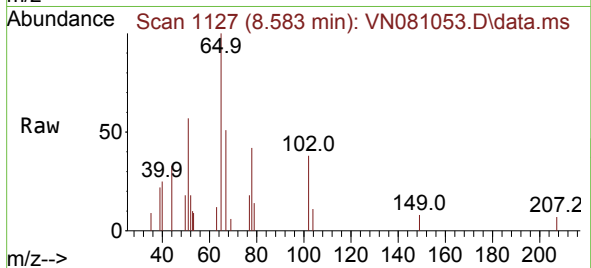
VSTDICC001

Tgt Ion: 65 Resp: 6079

Ion Ratio Lower Upper

65 100

67 55.1 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081053.D

Acq: 16 Feb 2024 14:06

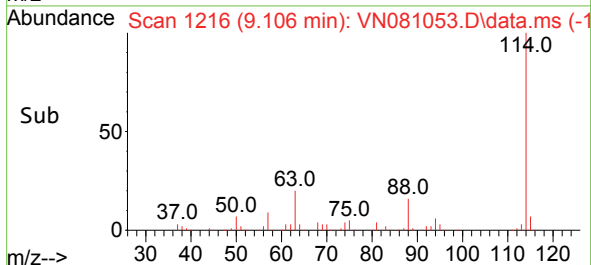
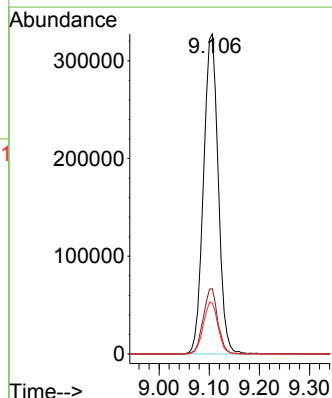
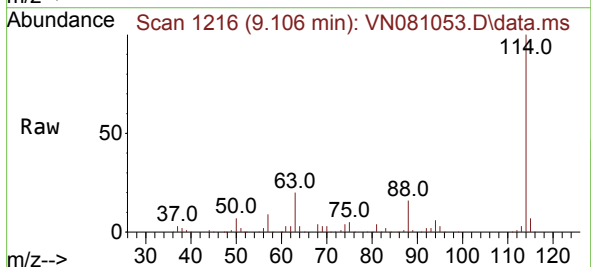
Tgt Ion: 114 Resp: 667935

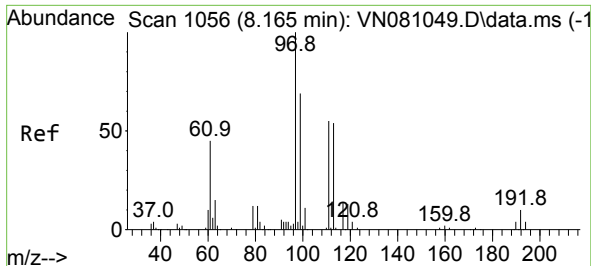
Ion Ratio Lower Upper

114 100

63 20.4 0.0 48.0

88 15.8 0.0 34.8





#35

Dibromofluoromethane

Concen: 1.128 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081053.D

Acq: 16 Feb 2024 14:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

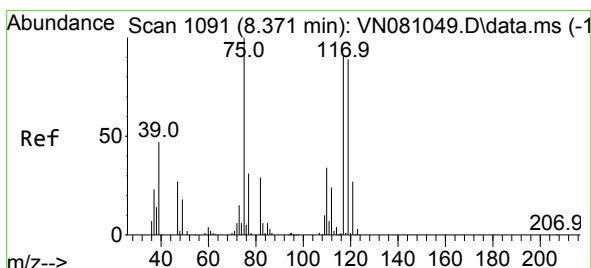
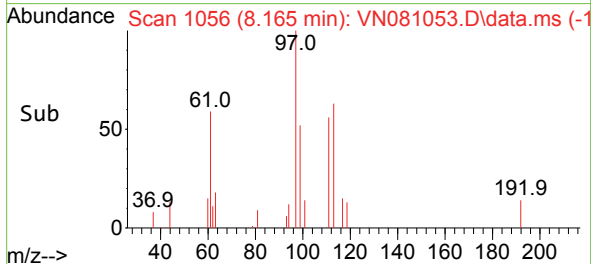
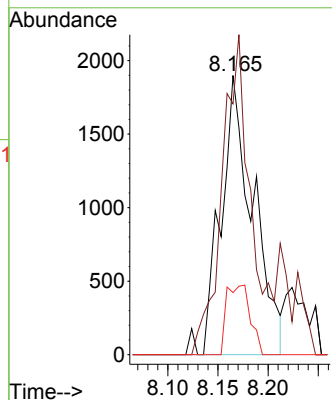
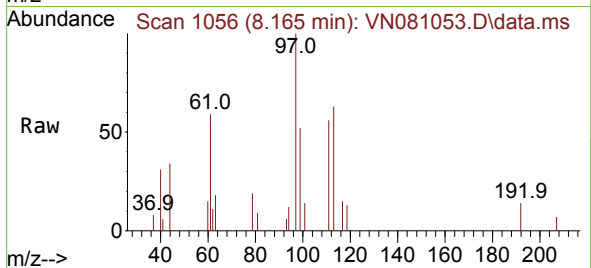
Tgt Ion:113 Resp: 4262

Ion Ratio Lower Upper

113 100

111 94.5 82.2 123.4

192 18.2 12.5 18.7



#36

1,1-Dichloropropene

Concen: 1.009 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN081053.D

Acq: 16 Feb 2024 14:06

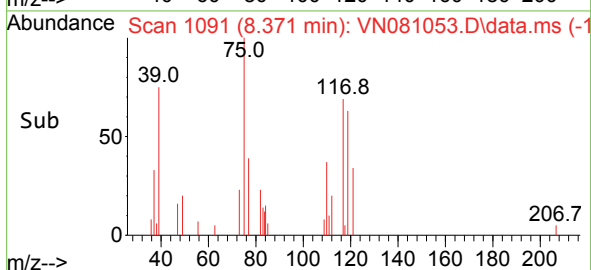
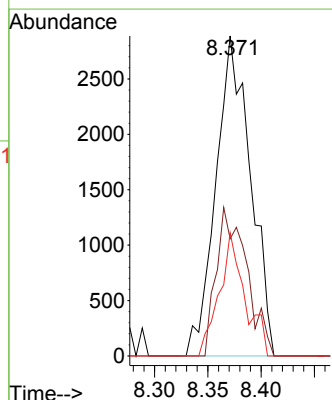
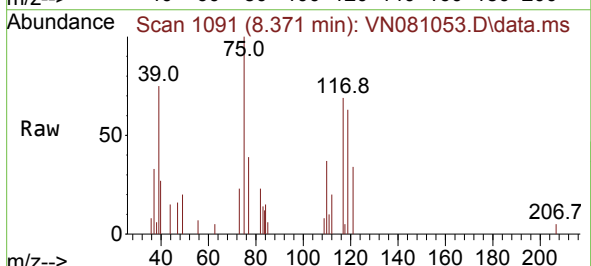
Tgt Ion: 75 Resp: 6526

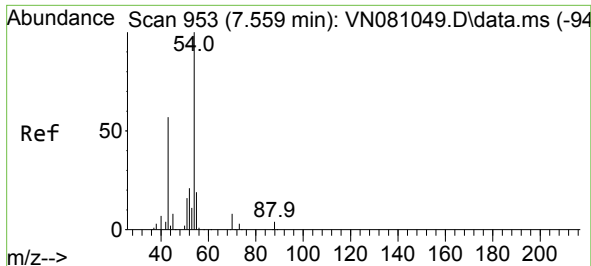
Ion Ratio Lower Upper

75 100

110 40.6 16.0 48.0

77 28.7 25.8 38.6





#37

Ethyl Acetate

Concen: 1.019 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN081053.D

Acq: 16 Feb 2024 14:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

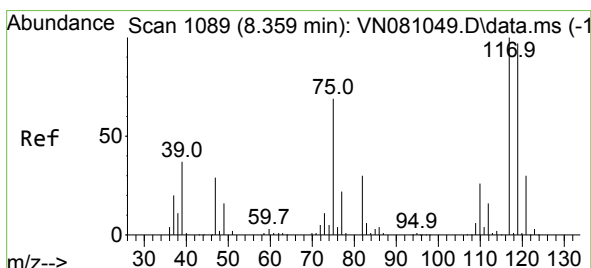
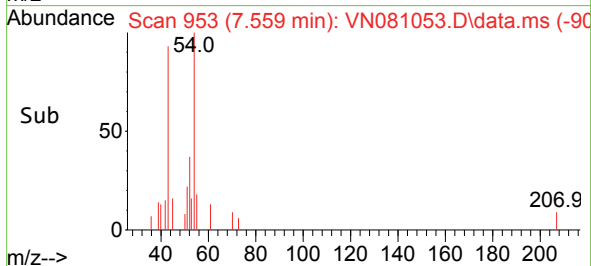
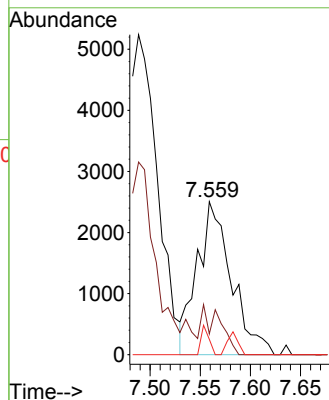
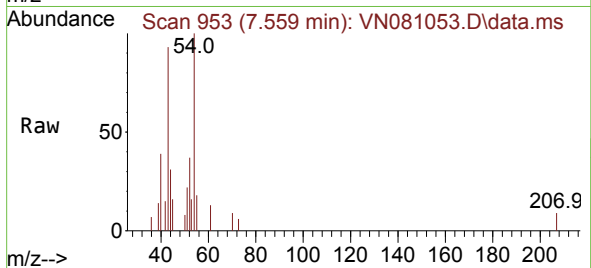
Tgt Ion: 43 Resp: 5949

Ion Ratio Lower Upper

43 100

61 0.0 10.6 15.8#

70 4.4 8.0 12.0#



#38

Carbon Tetrachloride

Concen: 0.906 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VN081053.D

Acq: 16 Feb 2024 14:06

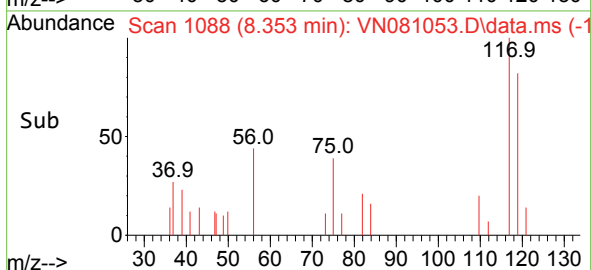
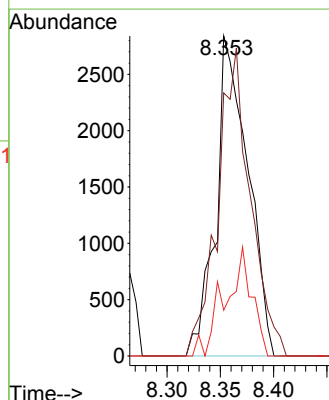
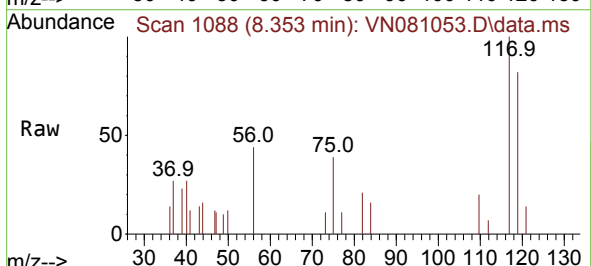
Tgt Ion: 117 Resp: 5930

Ion Ratio Lower Upper

117 100

119 82.2 73.4 110.2

121 14.3 24.4 36.6#





#39

Methylcyclohexane

Concen: 0.945 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN081053.D

Acq: 16 Feb 2024 14:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

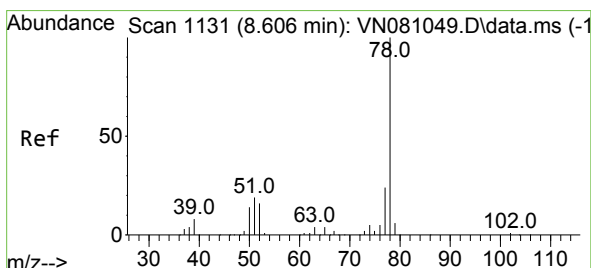
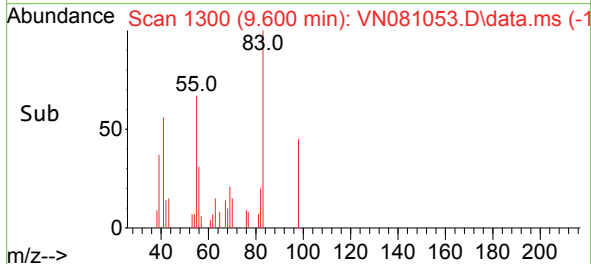
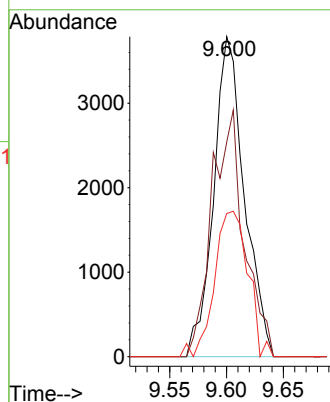
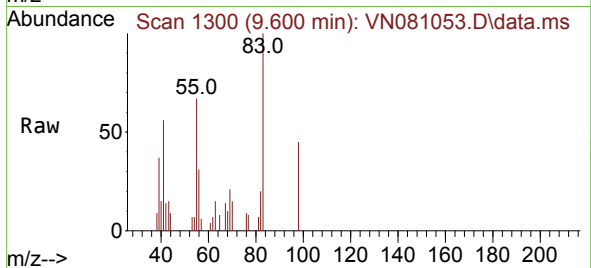
Tgt Ion: 83 Resp: 7128

Ion Ratio Lower Upper

83 100

55 67.1 65.7 98.5

98 44.8 33.8 50.6



#40

Benzene

Concen: 1.000 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN081053.D

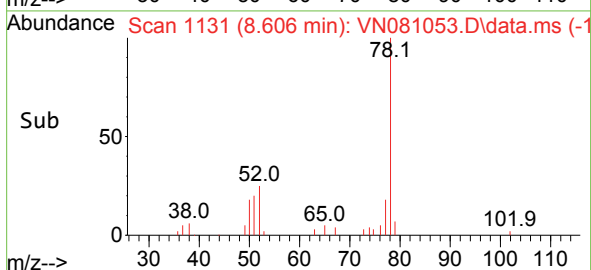
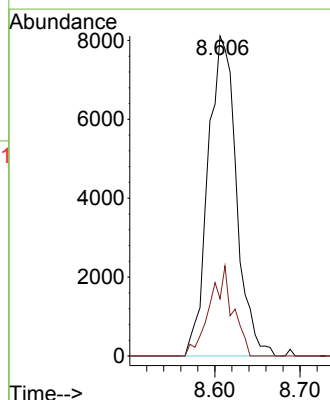
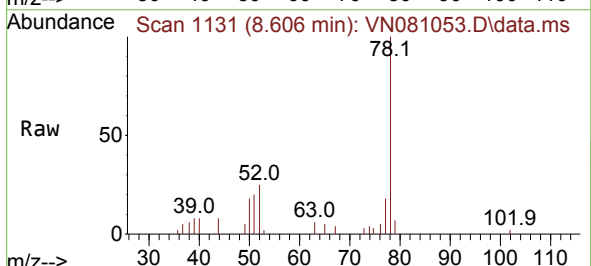
Acq: 16 Feb 2024 14:06

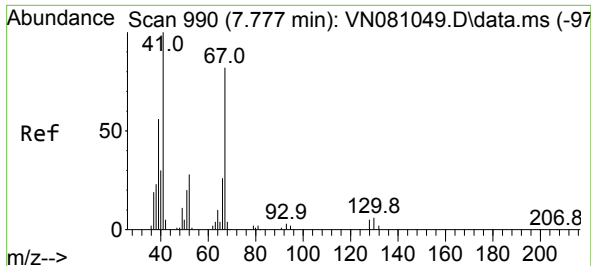
Tgt Ion: 78 Resp: 18726

Ion Ratio Lower Upper

78 100

77 17.8 20.4 30.6#

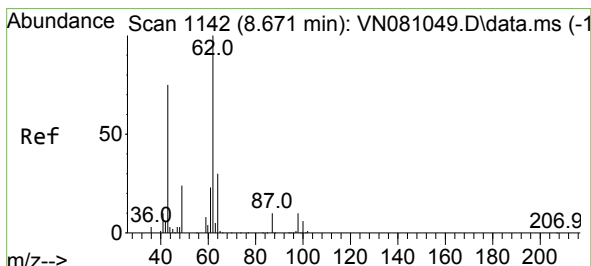
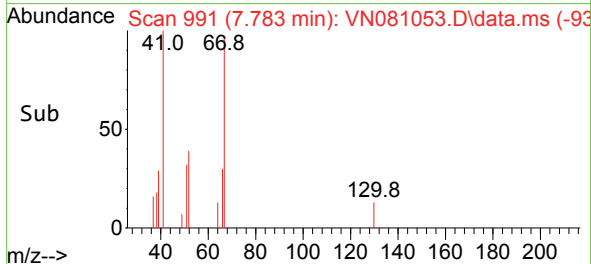
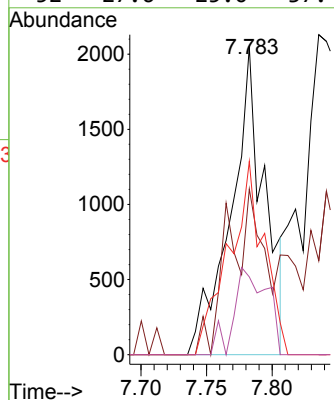
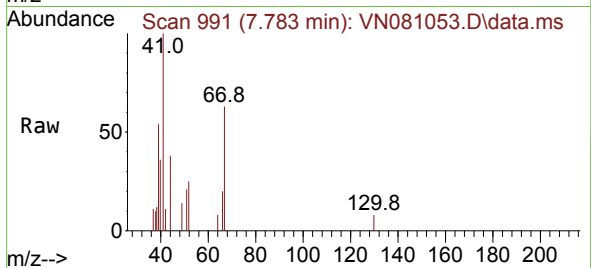




#41
Methacrylonitrile
Concen: 1.104 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081053.D
Acq: 16 Feb 2024 14:06

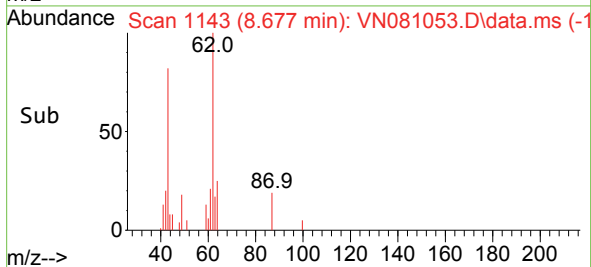
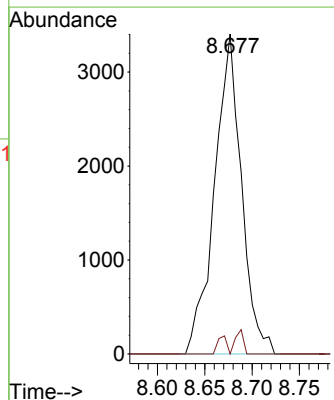
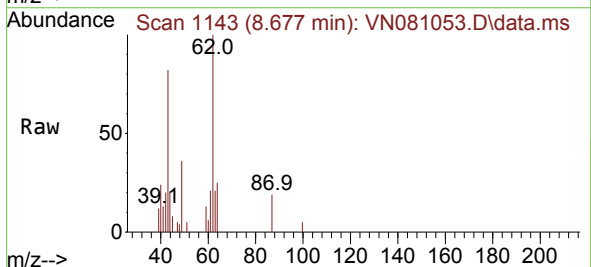
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

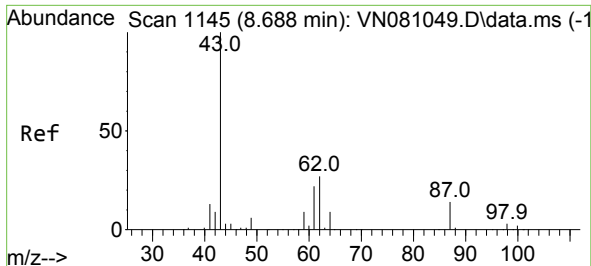
Tgt Ion: 41 Resp: 3668
Ion Ratio Lower Upper
41 100
39 29.0 48.4 72.6#
67 65.2 56.8 85.2
52 27.6 25.0 37.4



#42
1,2-Dichloroethane
Concen: 1.032 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN081053.D
Acq: 16 Feb 2024 14:06

Tgt Ion: 62 Resp: 6742
Ion Ratio Lower Upper
62 100
98 1.9 0.0 18.0

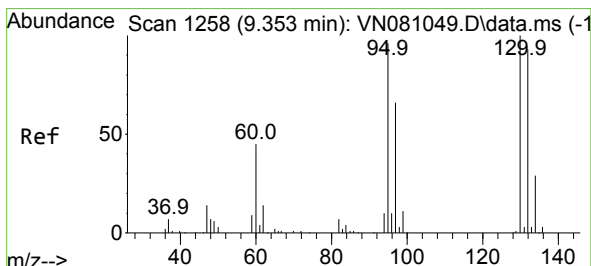
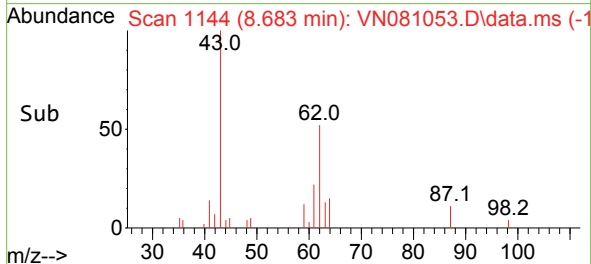
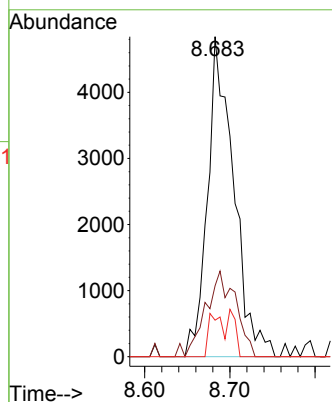
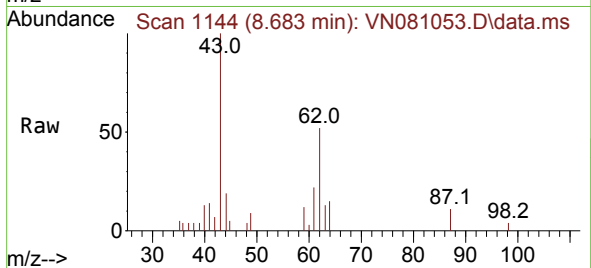




#43
Isopropyl Acetate
Concen: 1.010 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN081053.D
Acq: 16 Feb 2024 14:06

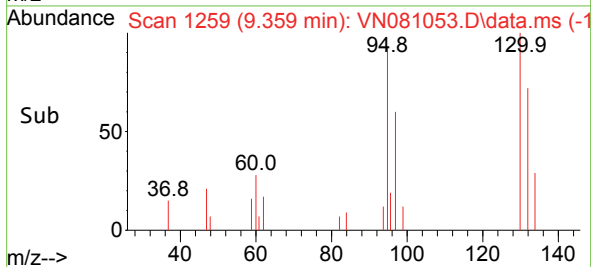
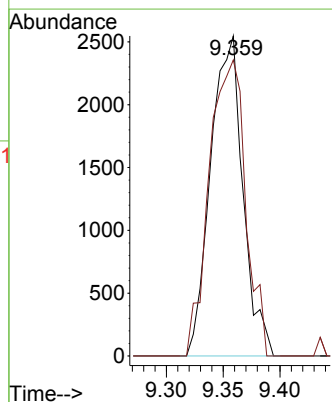
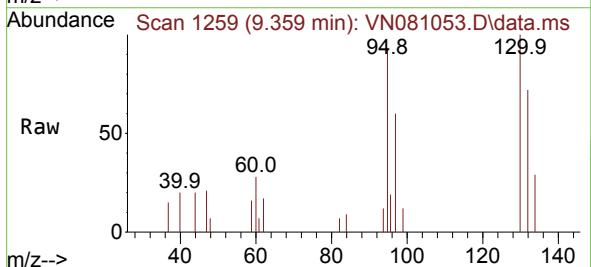
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

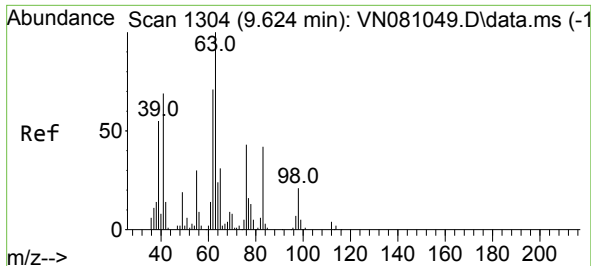
Tgt Ion: 43 Resp: 10317
Ion Ratio Lower Upper
43 100
61 31.0 19.9 29.9#
87 7.1 9.0 13.6#



#44
Trichloroethene
Concen: 1.010 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN081053.D
Acq: 16 Feb 2024 14:06

Tgt Ion: 130 Resp: 5036
Ion Ratio Lower Upper
130 100
95 111.9 0.0 210.4





#45

1,2-Dichloropropane

Concen: 0.968 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN081053.D

Acq: 16 Feb 2024 14:06

Instrument :

MSVOA_N

ClientSampleId :

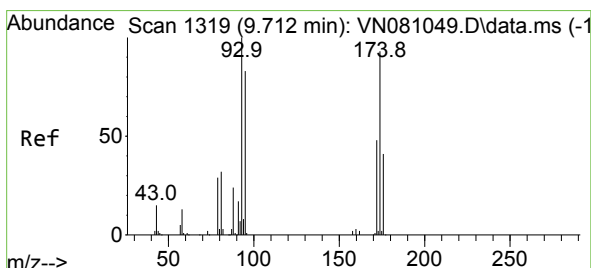
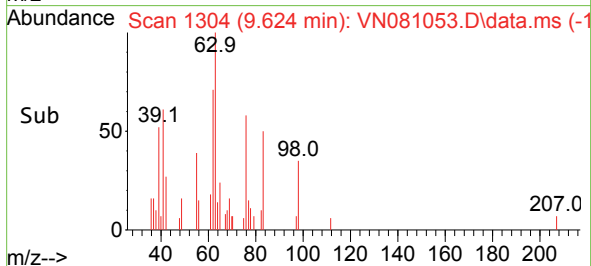
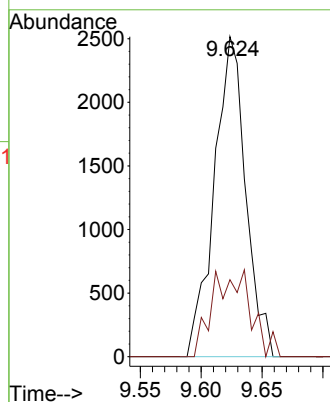
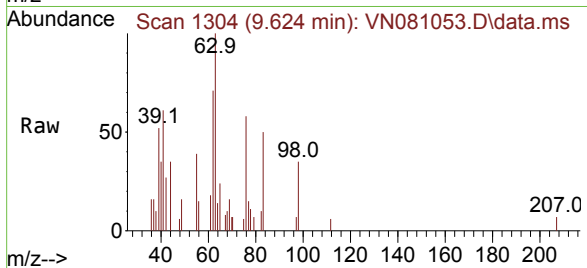
VSTDICC001

Tgt Ion: 63 Resp: 4536

Ion Ratio Lower Upper

63 100

65 24.0 26.1 39.1#



#46

Dibromomethane

Concen: 1.059 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN081053.D

Acq: 16 Feb 2024 14:06

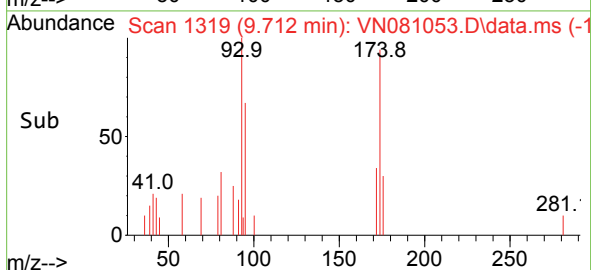
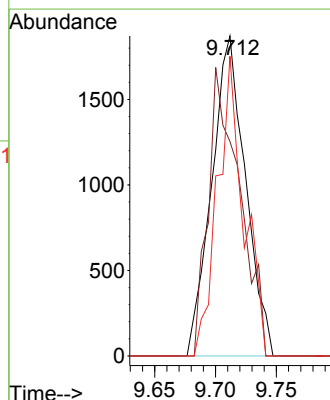
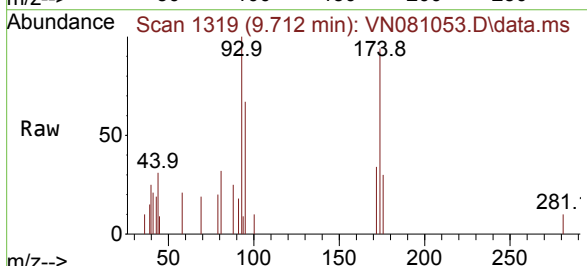
Tgt Ion: 93 Resp: 3614

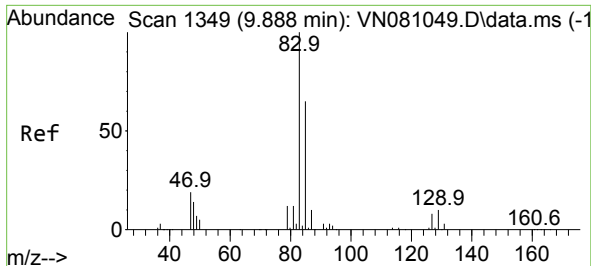
Ion Ratio Lower Upper

93 100

95 83.6 68.1 102.1

174 72.5 57.2 85.8

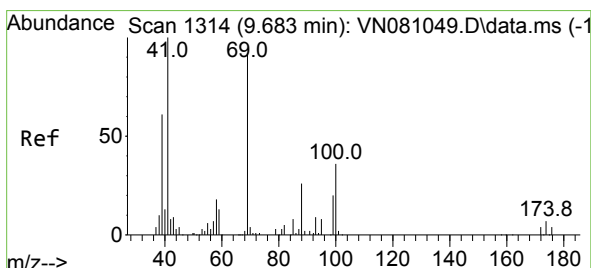
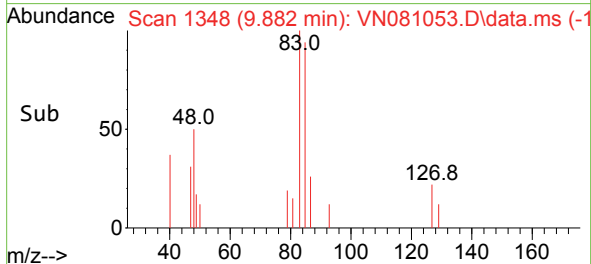
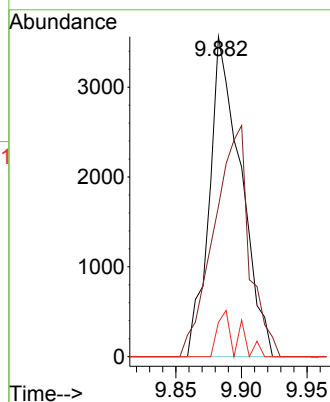
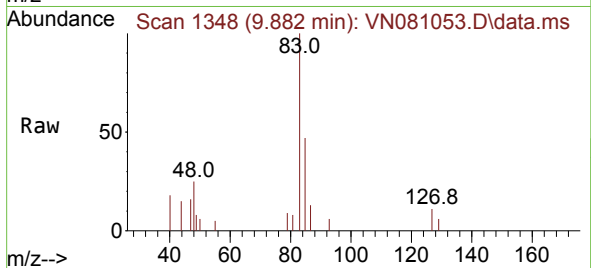




#47
Bromodichloromethane
Concen: 0.921 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VN081053.D
Acq: 16 Feb 2024 14:06

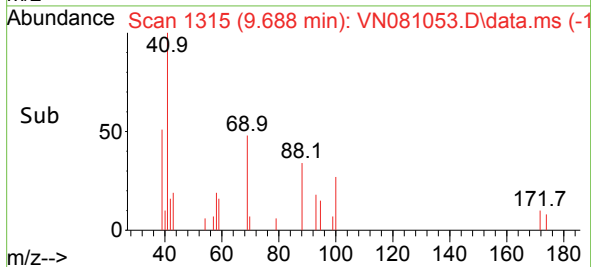
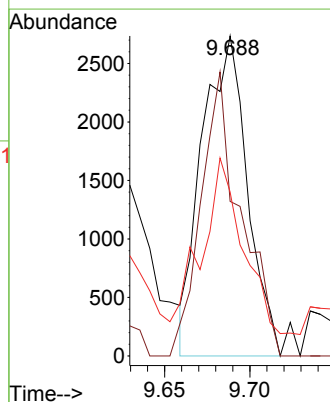
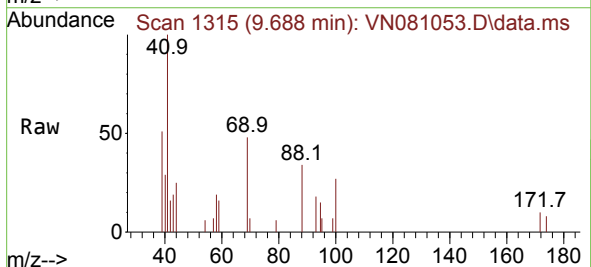
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

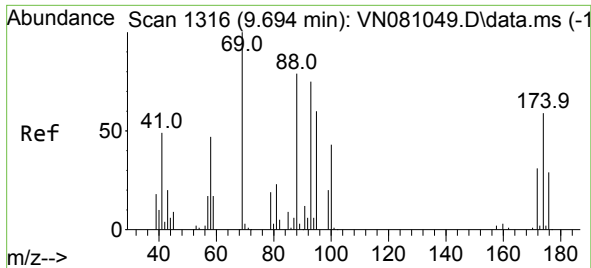
Tgt Ion: 83 Resp: 5952
Ion Ratio Lower Upper
83 100
85 46.9 52.3 78.5#
127 10.7 4.6 7.0#



#48
Methyl methacrylate
Concen: 1.066 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN081053.D
Acq: 16 Feb 2024 14:06

Tgt Ion: 41 Resp: 5067
Ion Ratio Lower Upper
41 100
69 77.7 62.2 93.2
39 63.7 47.6 71.4





#49

1,4-Dioxane

Concen: 25.337 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN081053.D

Acq: 16 Feb 2024 14:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

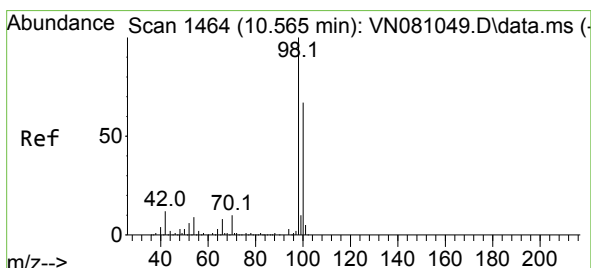
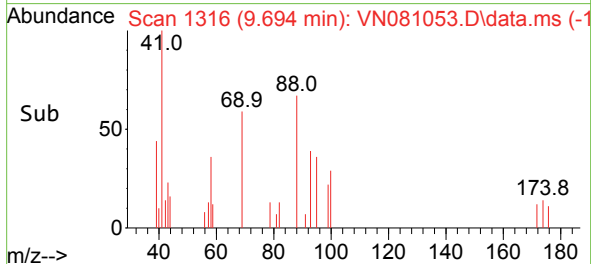
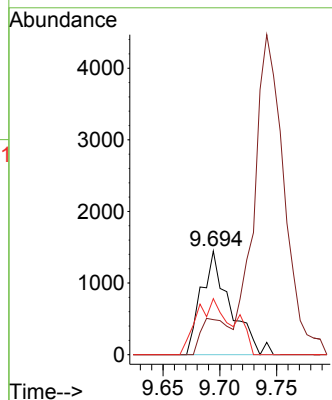
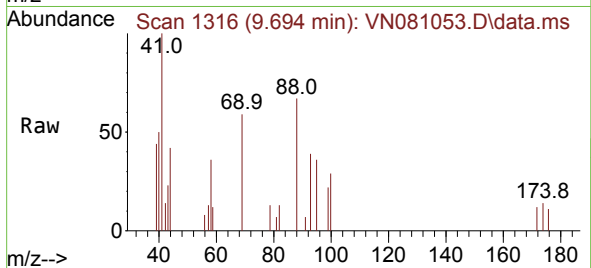
Tgt Ion: 88 Resp: 2567

Ion Ratio Lower Upper

88 100

43 34.7 30.1 45.1

58 68.3 63.9 95.9



#50

Toluene-d8

Concen: 1.254 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN081053.D

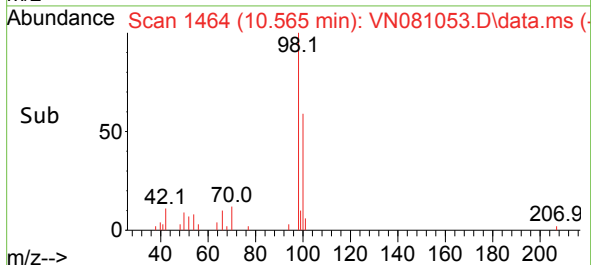
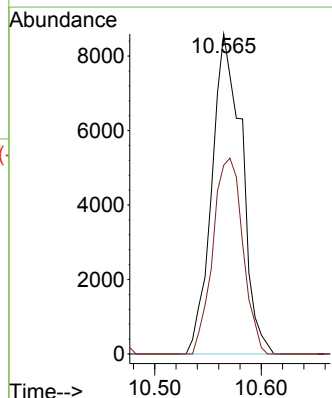
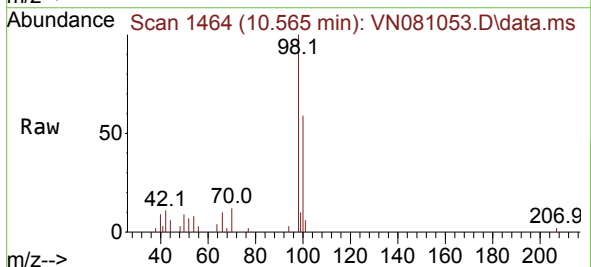
Acq: 16 Feb 2024 14:06

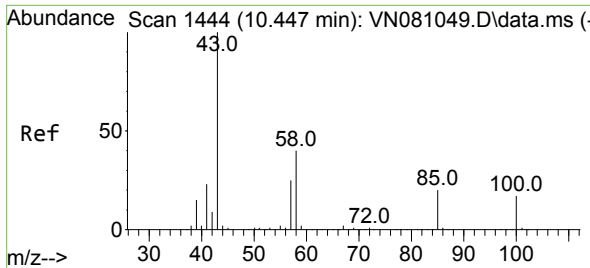
Tgt Ion: 98 Resp: 16821

Ion Ratio Lower Upper

98 100

100 61.0 51.4 77.0

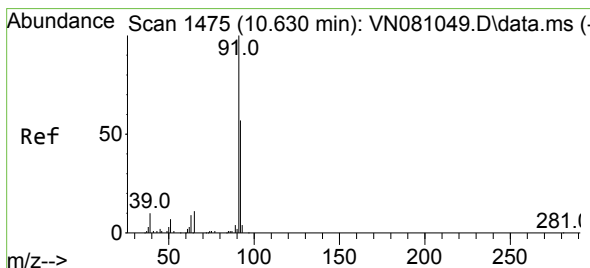
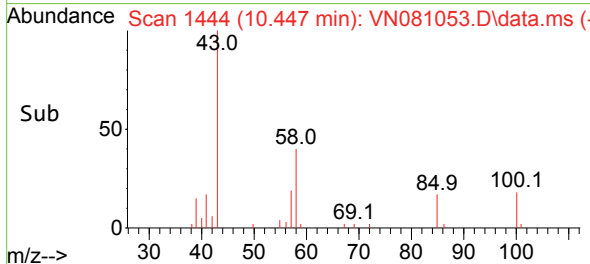
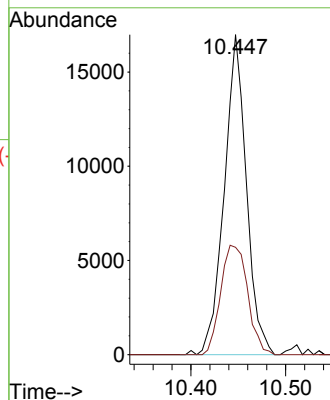
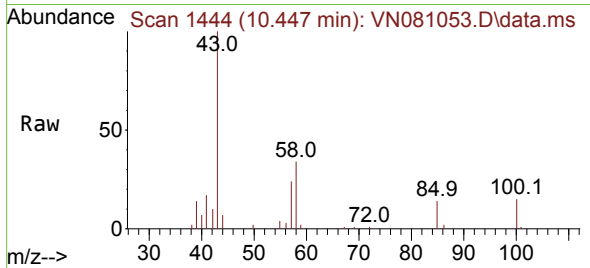




#51
4-Methyl-2-Pentanone
Concen: 4.706 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081053.D
Acq: 16 Feb 2024 14:06

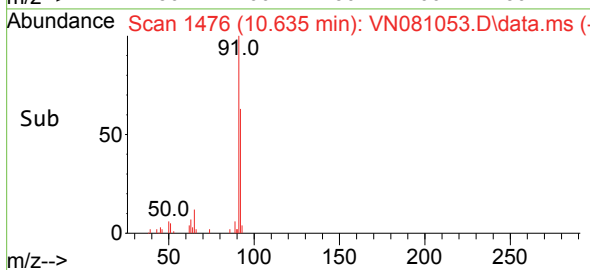
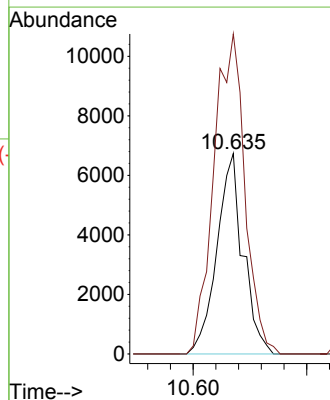
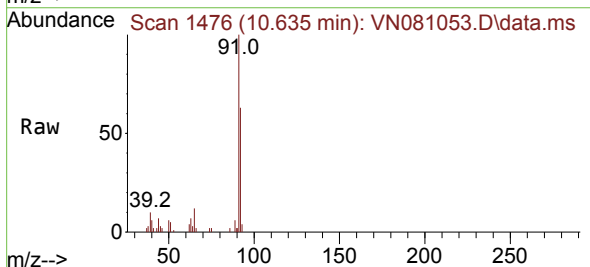
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

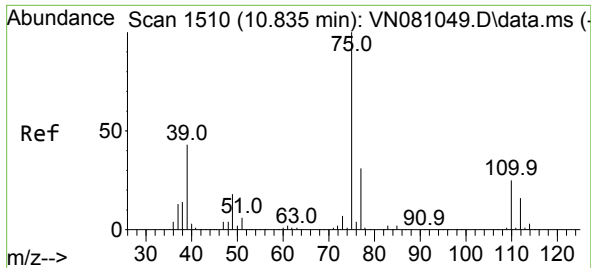
Tgt Ion: 43 Resp: 27652
Ion Ratio Lower Upper
43 100
58 41.5 29.4 44.0



#52
Toluene
Concen: 0.909 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081053.D
Acq: 16 Feb 2024 14:06

Tgt Ion: 92 Resp: 10778
Ion Ratio Lower Upper
92 100
91 189.2 139.4 209.0

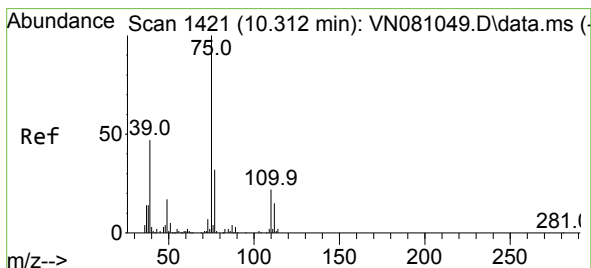
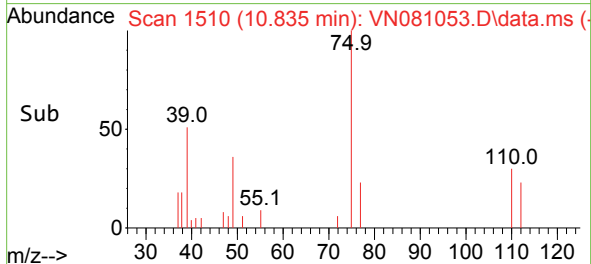
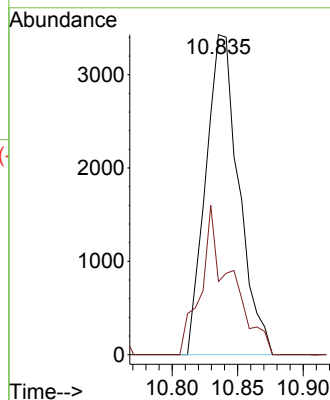
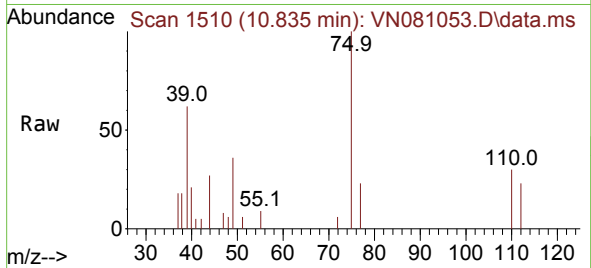




#53
 t-1,3-Dichloropropene
 Concen: 0.837 ug/l
 RT: 10.835 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN081053.D
 Acq: 16 Feb 2024 14:06

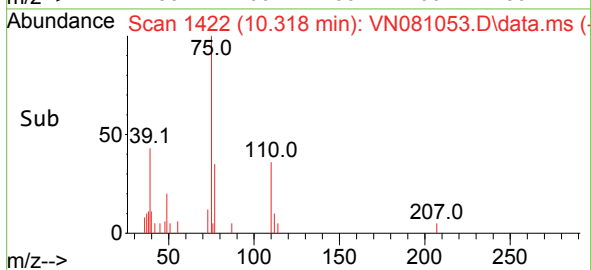
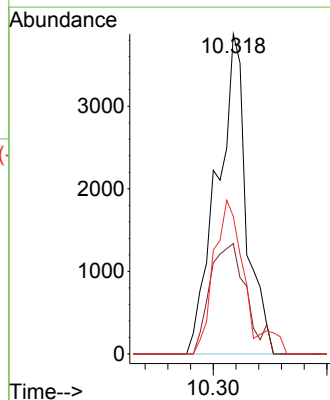
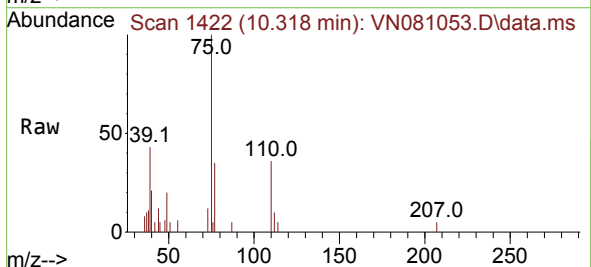
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

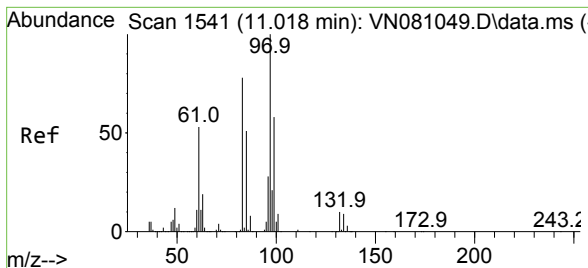
Tgt Ion: 75 Resp: 6014
 Ion Ratio Lower Upper
 75 100
 77 22.9 25.5 38.3#



#54
 cis-1,3-Dichloropropene
 Concen: 0.897 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VN081053.D
 Acq: 16 Feb 2024 14:06

Tgt Ion: 75 Resp: 6961
 Ion Ratio Lower Upper
 75 100
 77 34.5 23.3 34.9
 39 42.9 44.6 66.8#

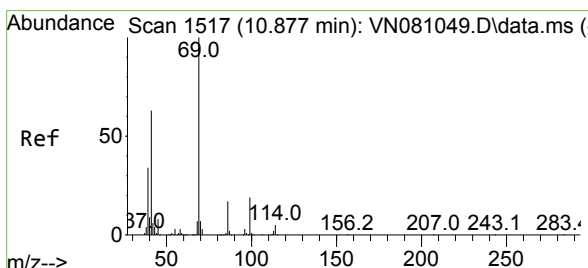
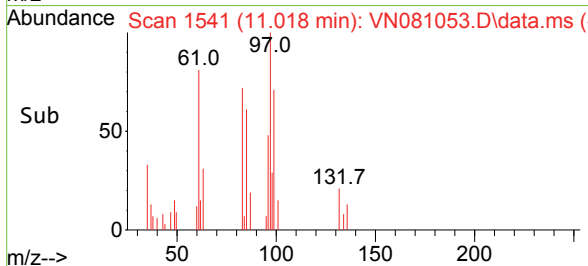
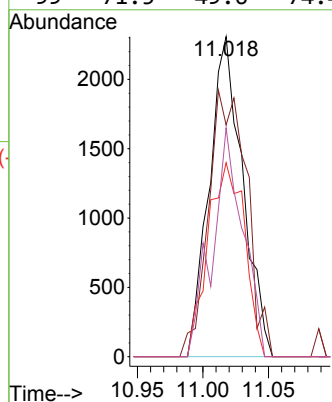
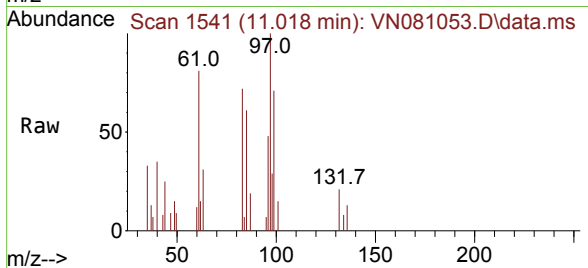




#55
1,1,2-Trichloroethane
Concen: 0.899 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081053.D
Acq: 16 Feb 2024 14:06

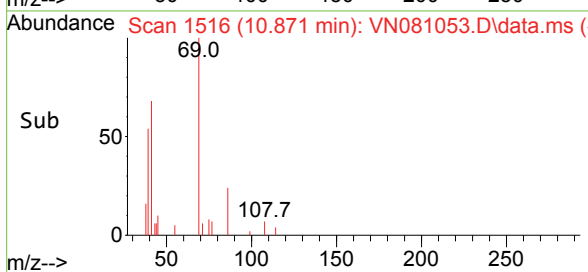
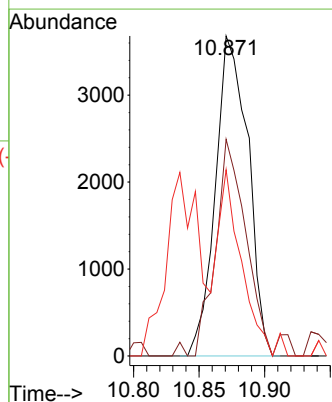
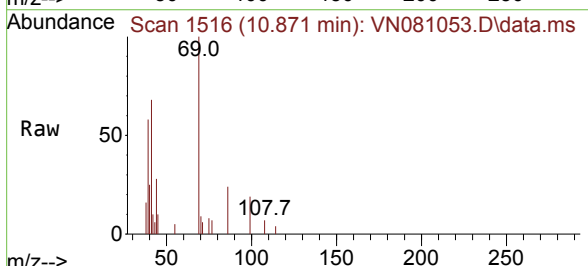
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

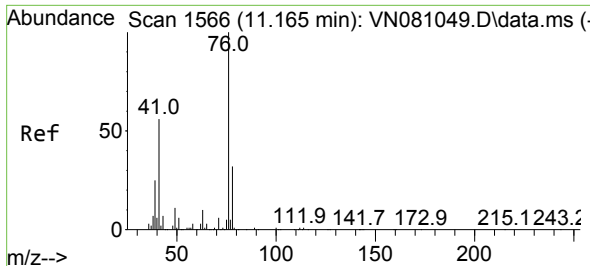
Tgt Ion:	97	Resp:	4100
Ion	Ratio	Lower	Upper
97	100		
83	72.4	72.9	109.3#
85	60.6	50.2	75.2
99	71.5	49.6	74.4



#56
Ethyl methacrylate
Concen: 0.912 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VN081053.D
Acq: 16 Feb 2024 14:06

Tgt Ion:	69	Resp:	6359
Ion	Ratio	Lower	Upper
69	100		
41	63.5	61.0	91.6
39	42.3	31.8	47.6

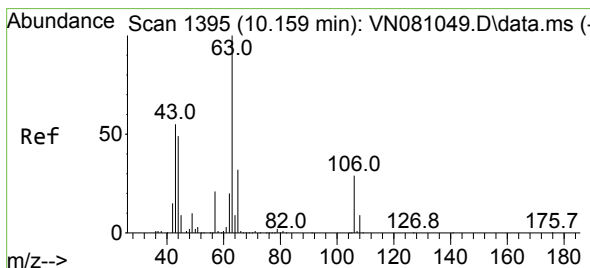
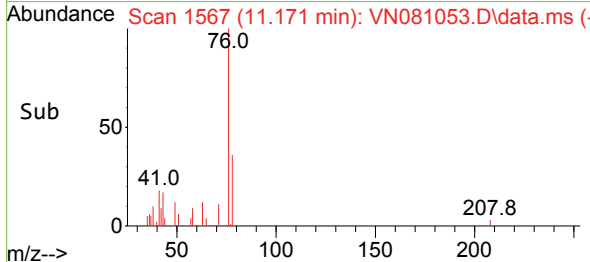
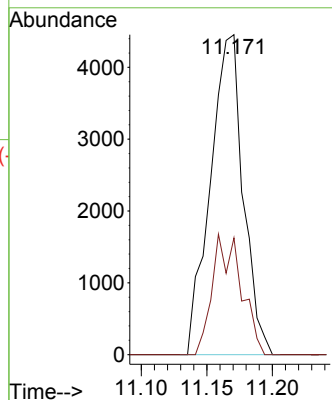
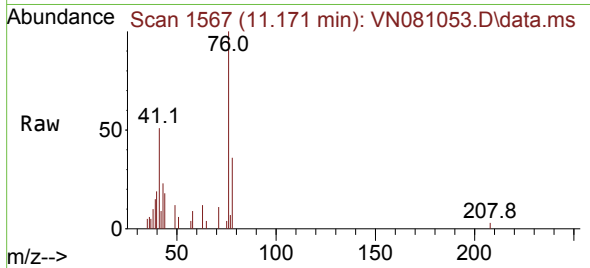




#57
1,3-Dichloropropane
Concen: 0.984 ug/l
RT: 11.171 min Scan# 11171
Delta R.T. 0.006 min
Lab File: VN081053.D
Acq: 16 Feb 2024 14:06

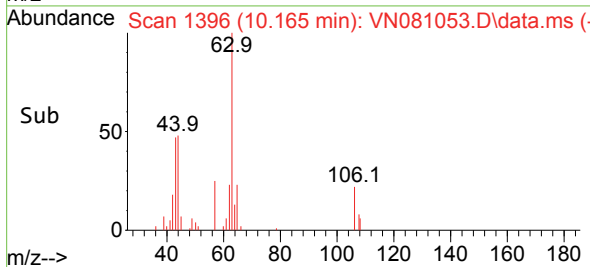
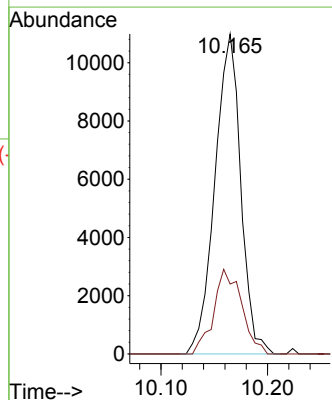
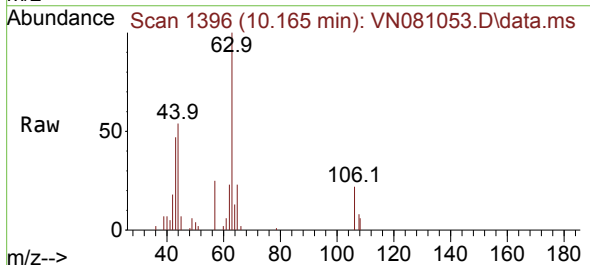
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

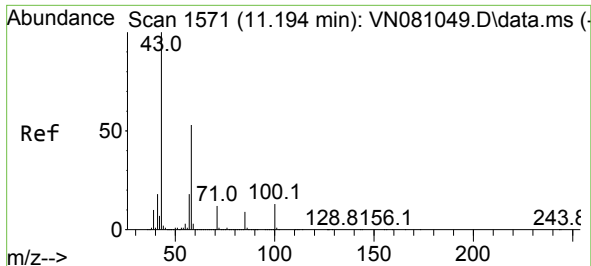
Tgt Ion: 76 Resp: 7761
Ion Ratio Lower Upper
76 100
78 33.0 25.5 38.3



#58
2-Chloroethyl Vinyl ether
Concen: 5.287 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN081053.D
Acq: 16 Feb 2024 14:06

Tgt Ion: 63 Resp: 18489
Ion Ratio Lower Upper
63 100
106 28.6 18.6 28.0#

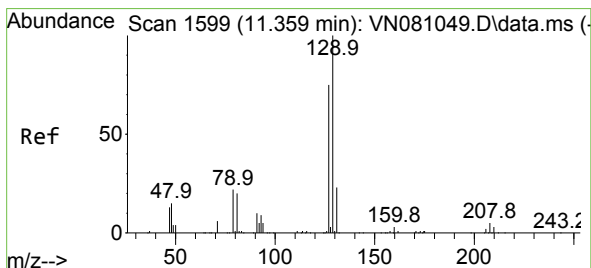
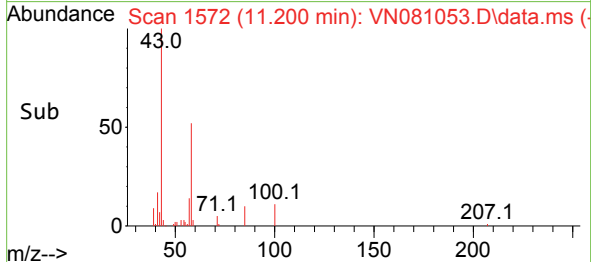
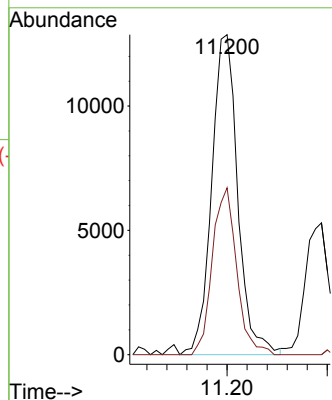
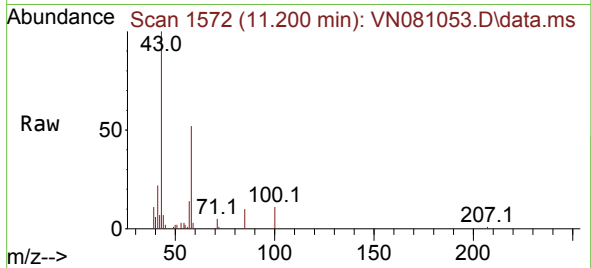




#59
2-Hexanone
Concen: 4.991 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN081053.D
Acq: 16 Feb 2024 14:06

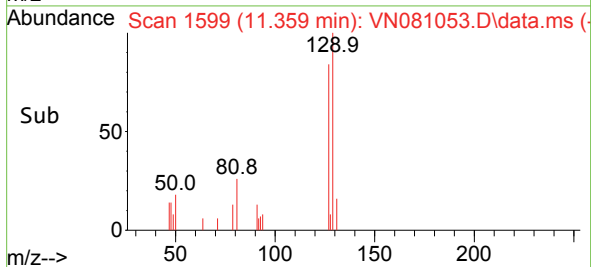
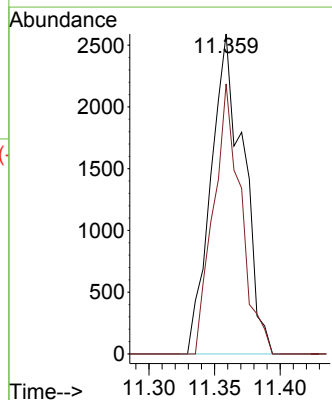
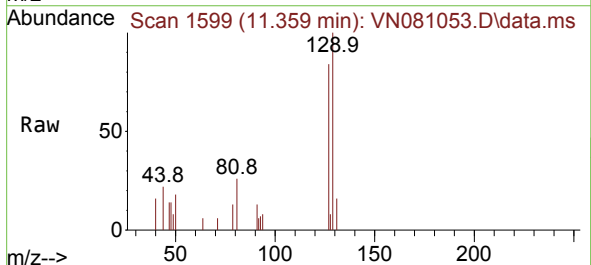
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

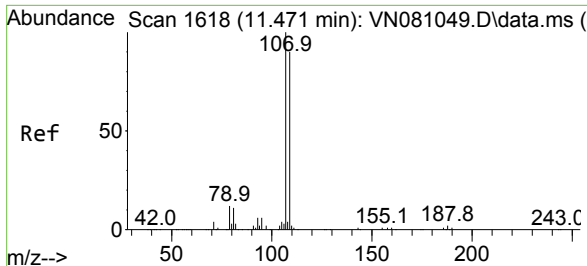
Tgt Ion: 43 Resp: 23250
Ion Ratio Lower Upper
43 100
58 48.6 25.9 77.8



#60
Dibromochloromethane
Concen: 0.921 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081053.D
Acq: 16 Feb 2024 14:06

Tgt Ion: 129 Resp: 4461
Ion Ratio Lower Upper
129 100
127 71.1 39.4 118.2

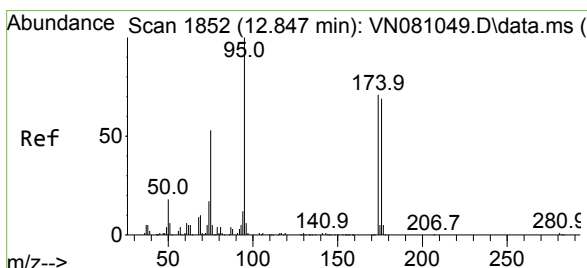
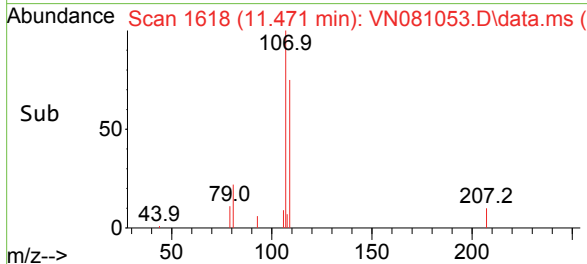
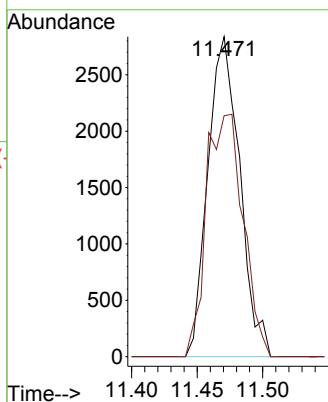
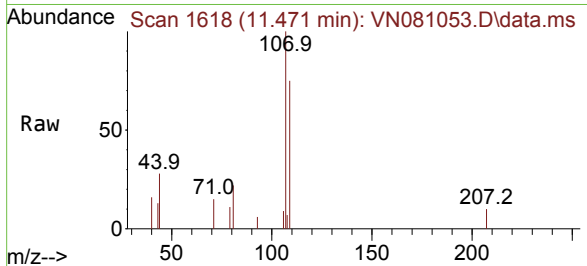




#61
1,2-Dibromoethane
Concen: 1.003 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081053.D
Acq: 16 Feb 2024 14:06

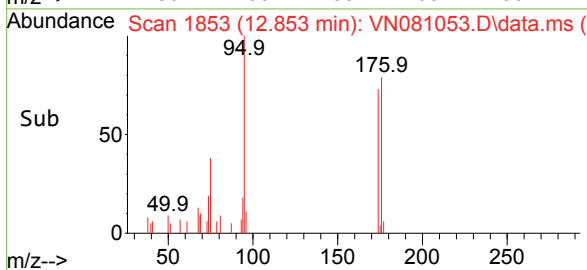
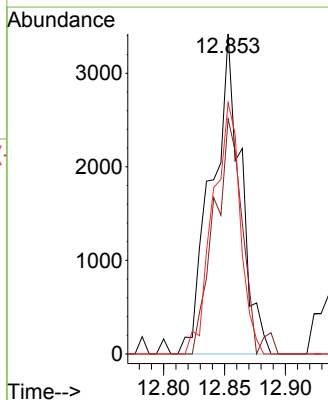
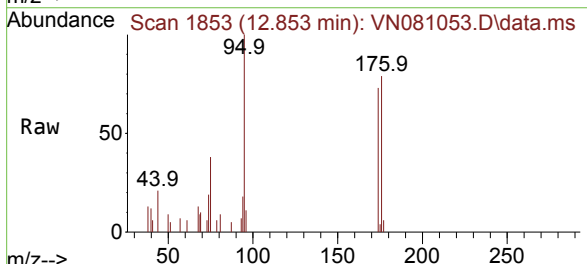
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

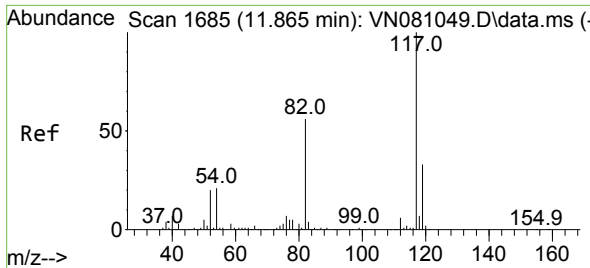
Tgt Ion:107 Resp: 4808
Ion Ratio Lower Upper
107 100
109 87.4 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 1.134 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081053.D
Acq: 16 Feb 2024 14:06

Tgt Ion: 95 Resp: 5715
Ion Ratio Lower Upper
95 100
174 71.4 0.0 120.4
176 73.2 0.0 121.0

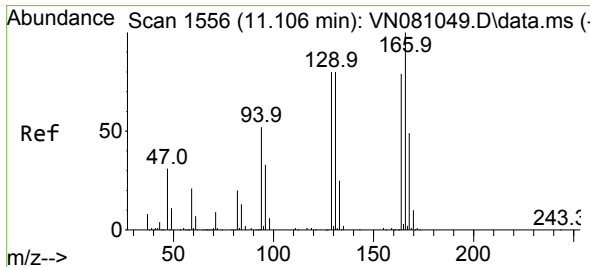
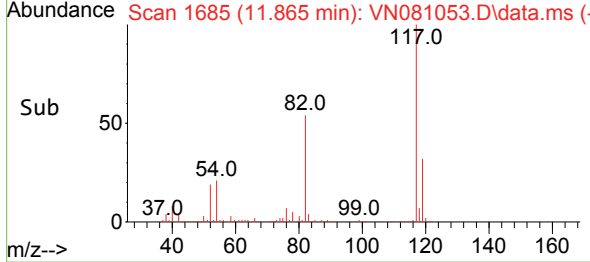
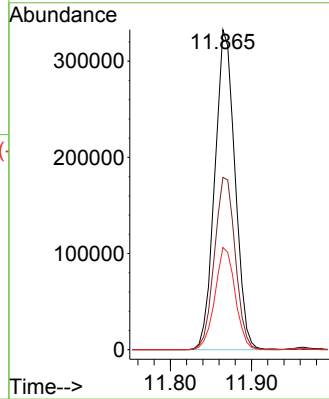
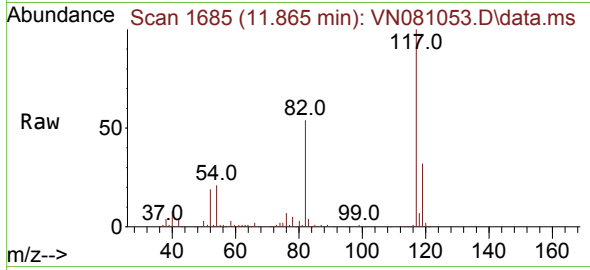




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN081053.D
Acq: 16 Feb 2024 14:06

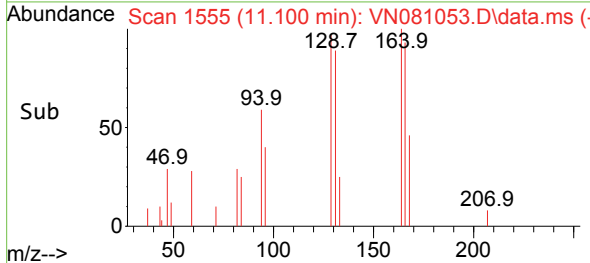
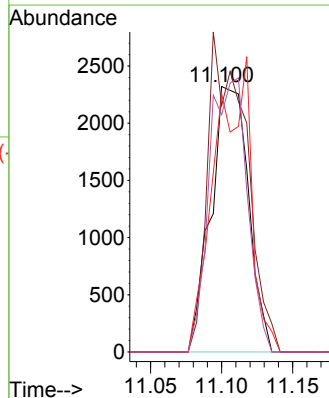
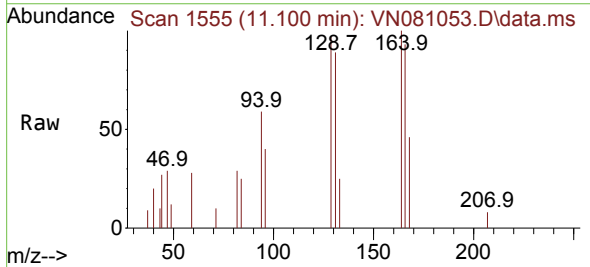
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

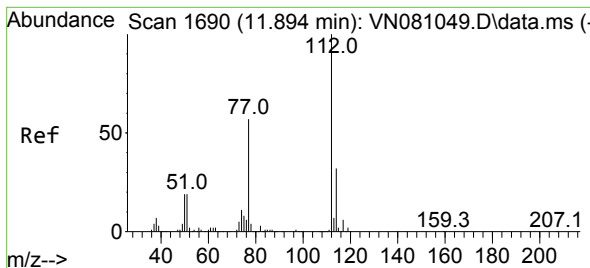
Tgt Ion:117 Resp: 575124
Ion Ratio Lower Upper
117 100
82 53.9 52.7 79.1
119 32.0 25.3 37.9



#64
Tetrachloroethene
Concen: 1.088 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN081053.D
Acq: 16 Feb 2024 14:06

Tgt Ion:164 Resp: 4272
Ion Ratio Lower Upper
164 100
166 92.8 105.8 158.6#
129 97.2 89.6 134.4
131 89.4 84.9 127.3





#65

Chlorobenzene

Concen: 1.026 ug/l

RT: 11.894 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081053.D

Acq: 16 Feb 2024 14:06

Instrument :

MSVOA_N

ClientSampleId :

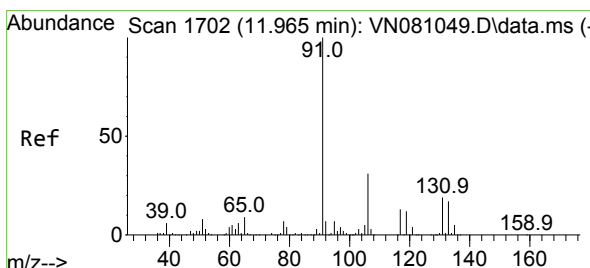
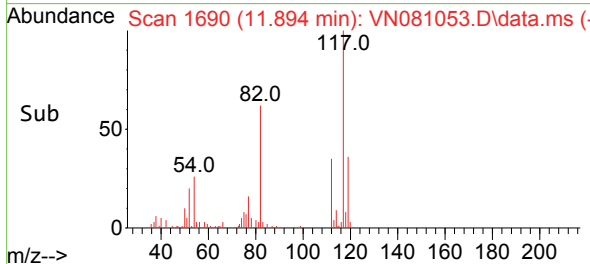
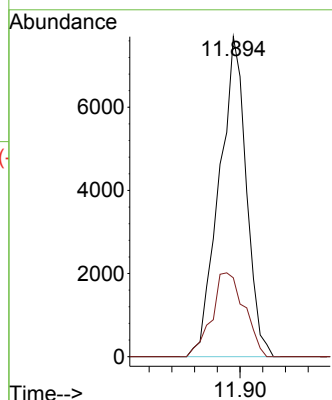
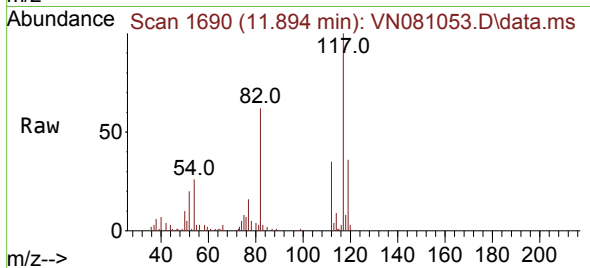
VSTDIC001

Tgt Ion:112 Resp: 12771

Ion Ratio Lower Upper

112 100

114 24.6 23.7 35.5



#66

1,1,1,2-Tetrachloroethane

Concen: 0.986 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.006 min

Lab File: VN081053.D

Acq: 16 Feb 2024 14:06

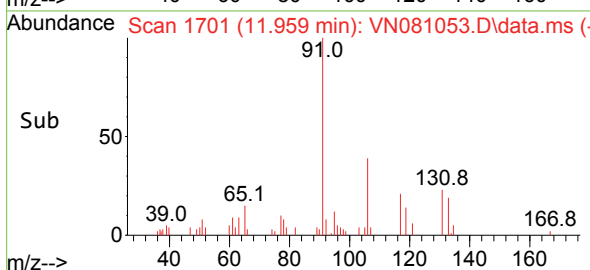
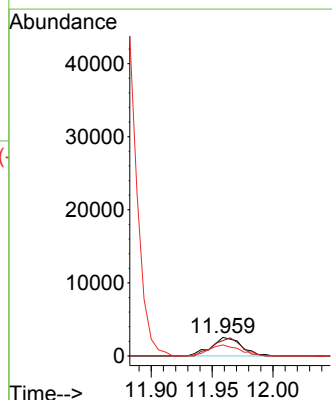
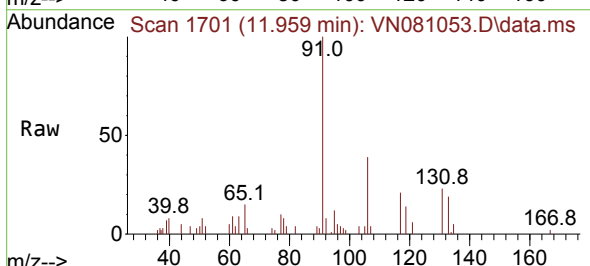
Tgt Ion:131 Resp: 4408

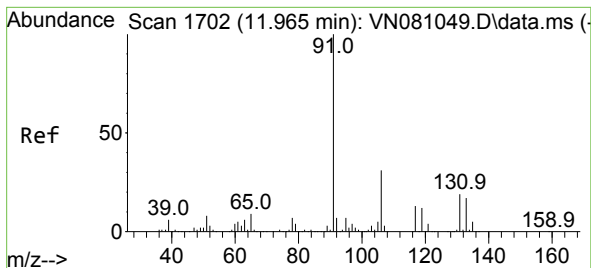
Ion Ratio Lower Upper

131 100

133 89.0 46.8 140.3

119 0.0 34.6 103.9#





#67

Ethyl Benzene

Concen: 0.920 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN081053.D

Acq: 16 Feb 2024 14:06

Instrument :

MSVOA_N

ClientSampleId :

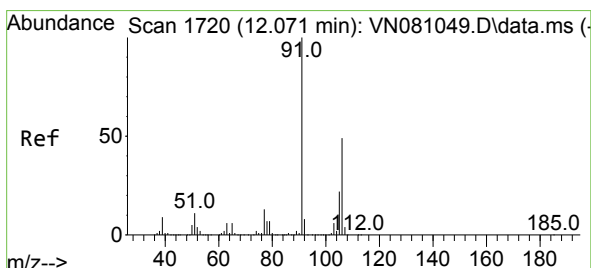
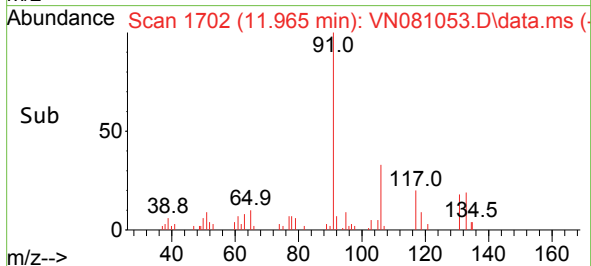
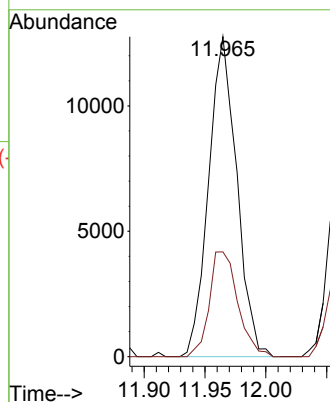
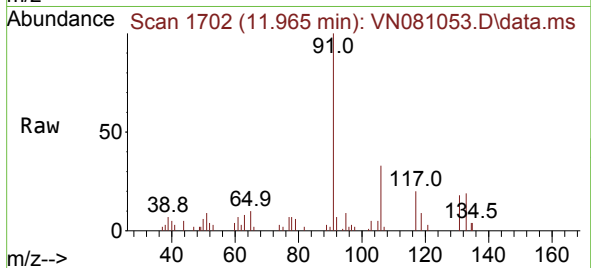
VSTDIC001

Tgt Ion: 91 Resp: 20482

Ion Ratio Lower Upper

91 100

106 32.7 23.8 35.6



#68

m/p-Xylenes

Concen: 1.894 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN081053.D

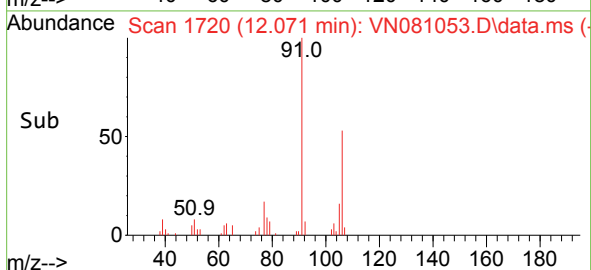
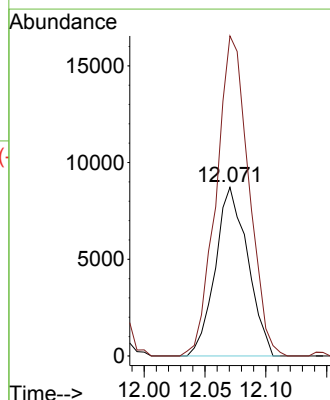
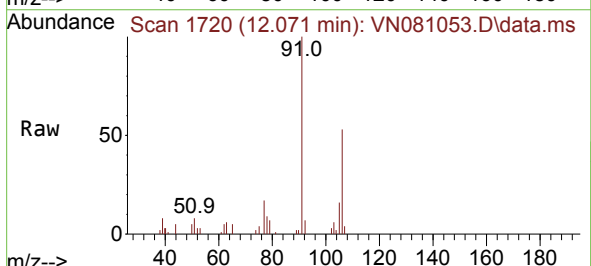
Acq: 16 Feb 2024 14:06

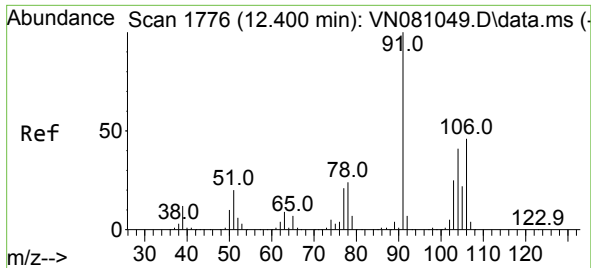
Tgt Ion: 106 Resp: 16173

Ion Ratio Lower Upper

106 100

91 190.1 169.0 253.6

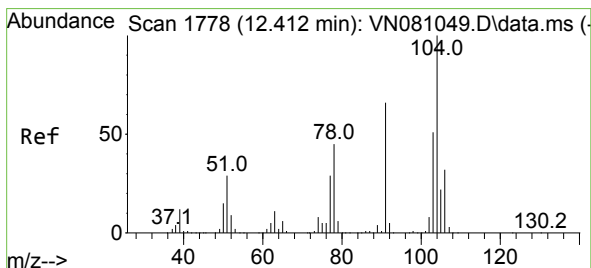
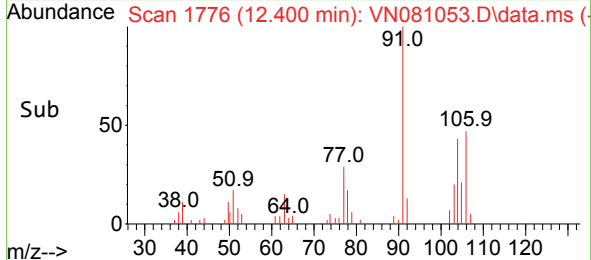
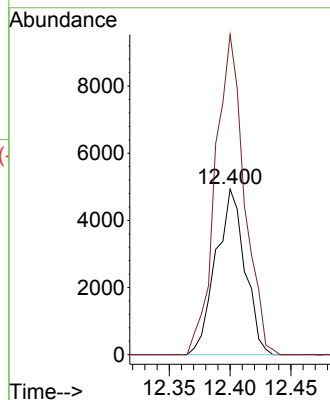
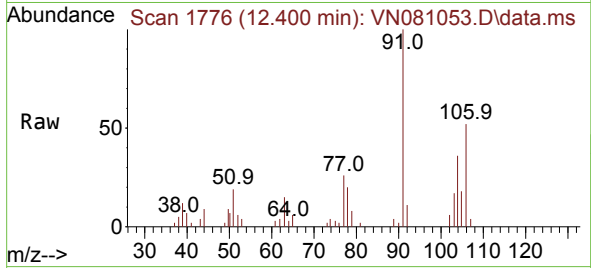




#69
o-Xylene
Concen: 0.971 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081053.D
Acq: 16 Feb 2024 14:06

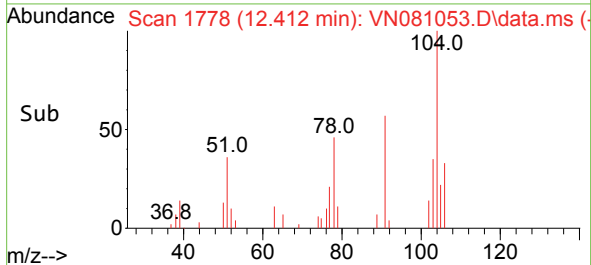
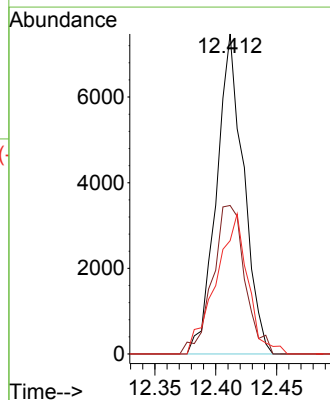
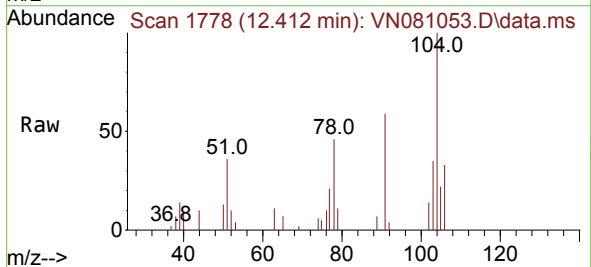
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

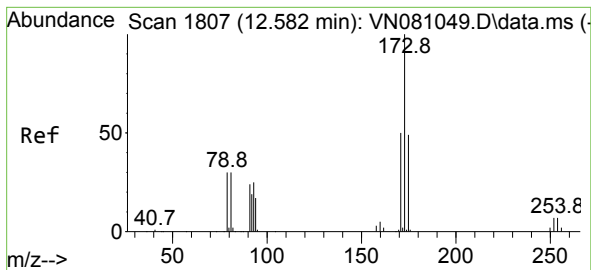
Tgt Ion:106 Resp: 8214
Ion Ratio Lower Upper
106 100
91 193.2 112.1 336.3



#70
Styrene
Concen: 0.864 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081053.D
Acq: 16 Feb 2024 14:06

Tgt Ion:104 Resp: 11587
Ion Ratio Lower Upper
104 100
78 55.3 43.8 65.8
103 51.4 44.2 66.2





#71

Bromoform

Concen: 0.788 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN081053.D

Acq: 16 Feb 2024 14:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

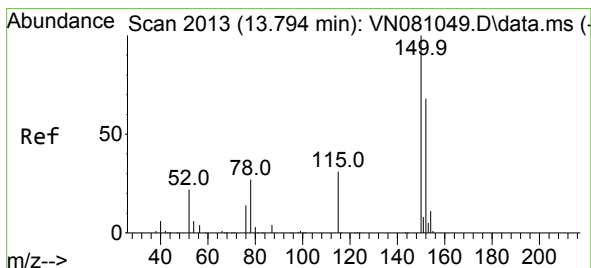
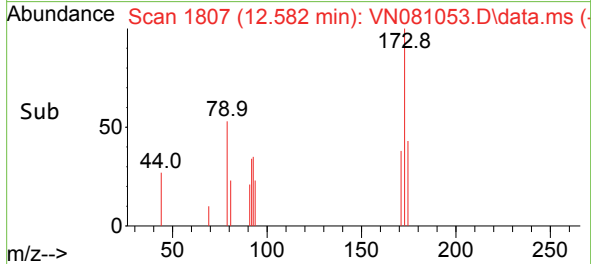
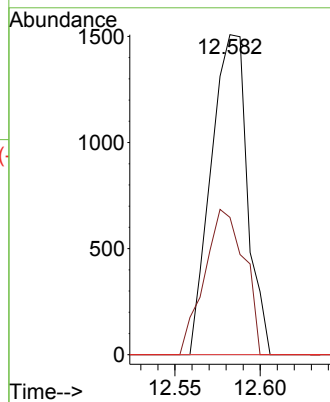
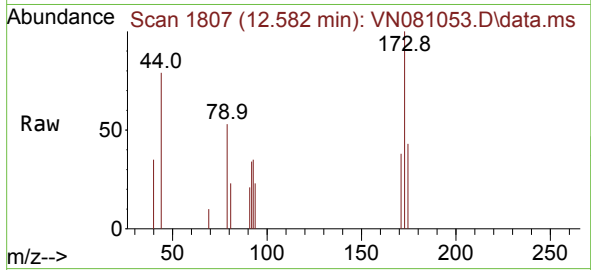
Tgt Ion:173 Resp: 2234

Ion Ratio Lower Upper

173 100

175 50.1 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: VN081053.D

Acq: 16 Feb 2024 14:06

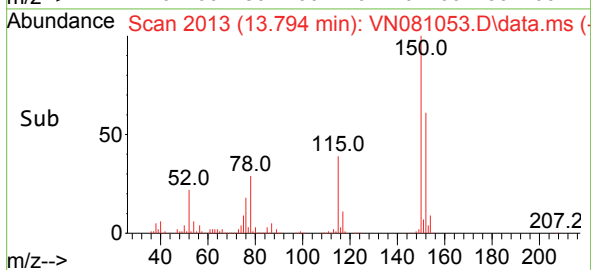
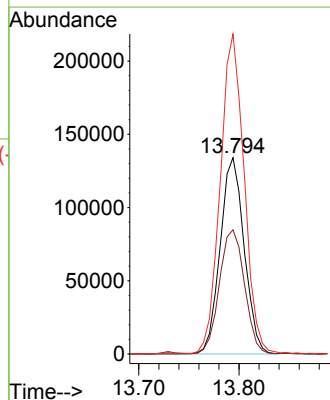
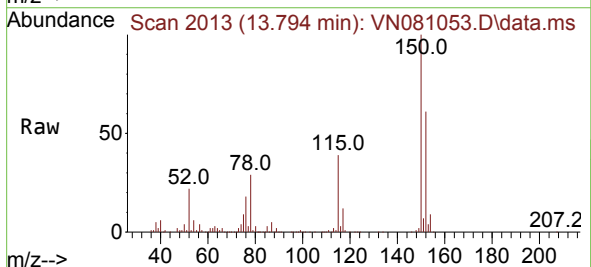
Tgt Ion:152 Resp: 222922

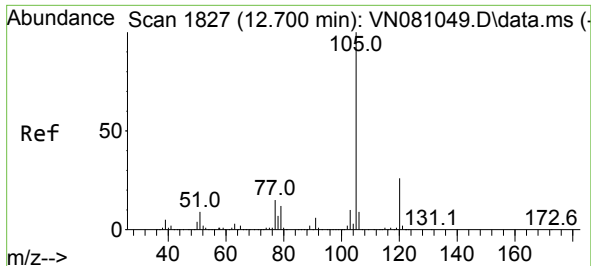
Ion Ratio Lower Upper

152 100

115 66.2 32.3 96.8

150 162.5 0.0 339.8

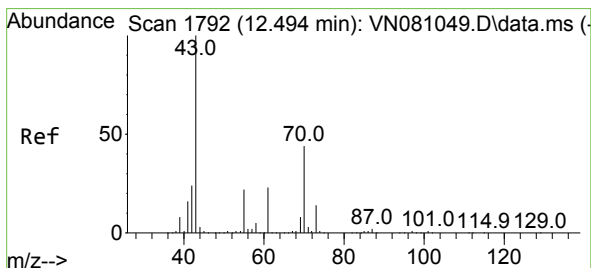
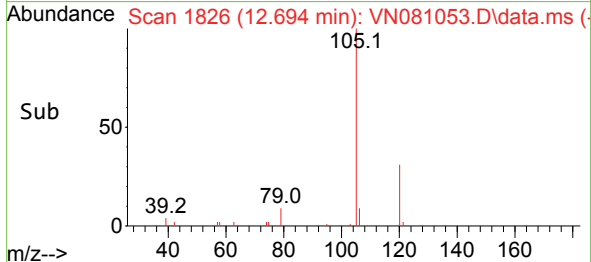
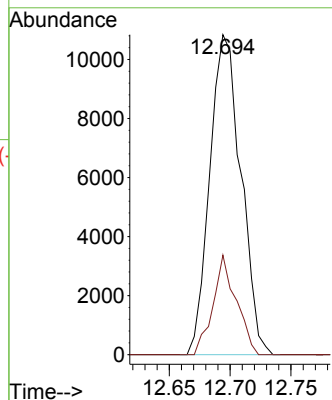
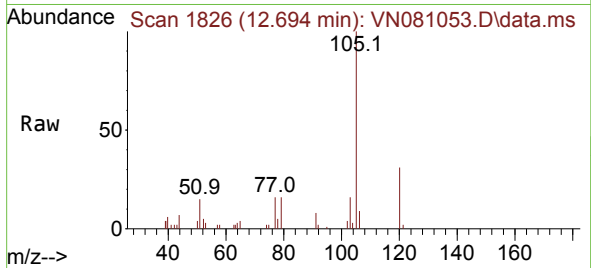




#73
Isopropylbenzene
Concen: 0.990 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN081053.D
Acq: 16 Feb 2024 14:06

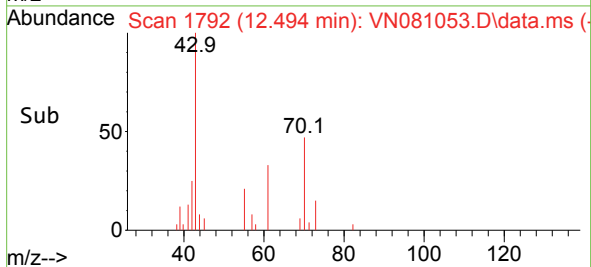
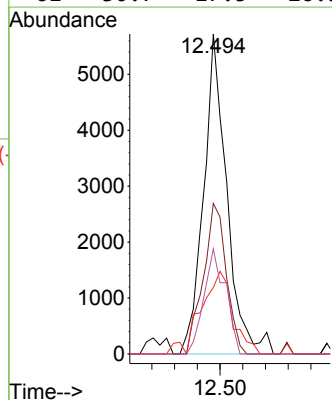
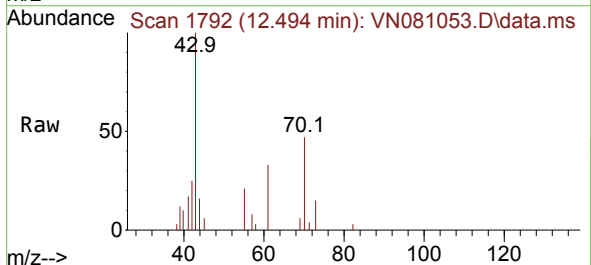
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

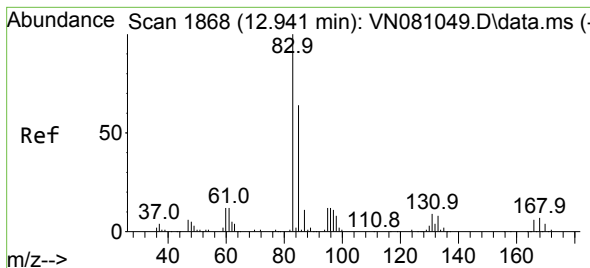
Tgt Ion:105 Resp: 19304
Ion Ratio Lower Upper
105 100
120 23.1 12.6 37.6



#74
N-ethyl acetate
Concen: 0.984 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN081053.D
Acq: 16 Feb 2024 14:06

Tgt Ion: 43 Resp: 8112
Ion Ratio Lower Upper
43 100
70 46.3 30.1 45.1#
55 35.0 17.0 25.4#
61 30.7 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.057 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VN081053.D

Acq: 16 Feb 2024 14:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

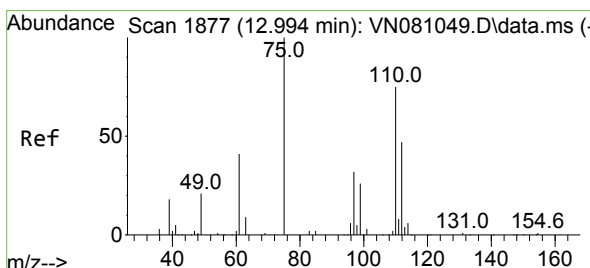
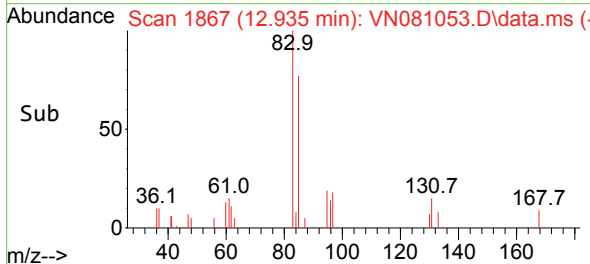
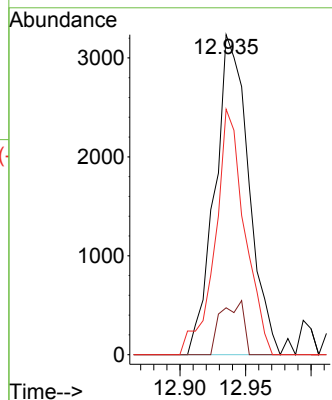
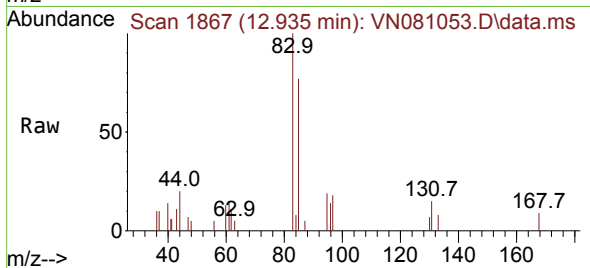
Tgt Ion: 83 Resp: 5798

Ion Ratio Lower Upper

83 100

131 11.3 4.1 12.3

85 67.2 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 1.508 ug/l

RT: 13.000 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VN081053.D

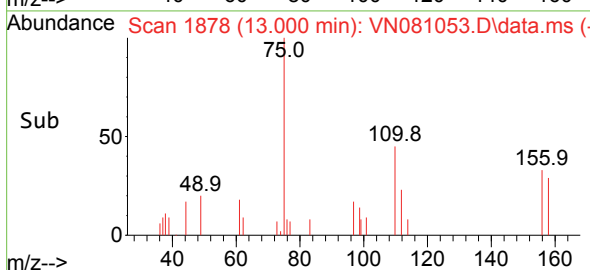
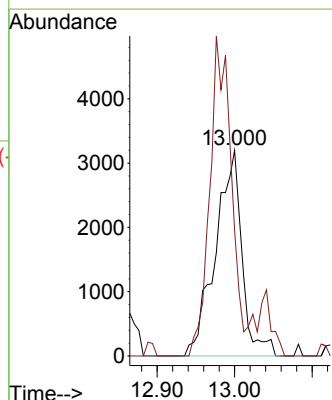
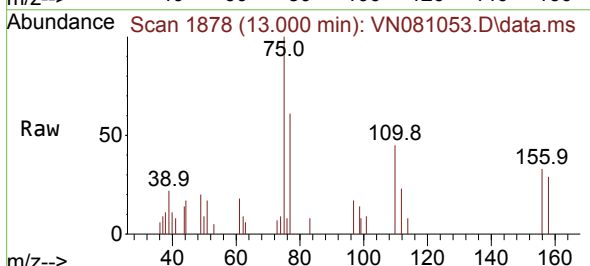
Acq: 16 Feb 2024 14:06

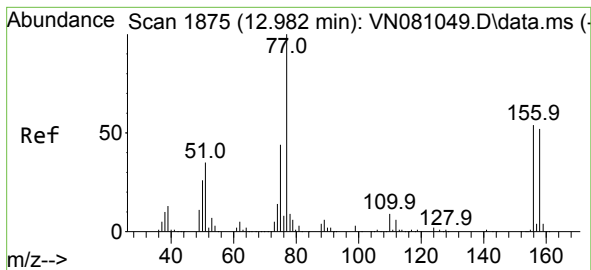
Tgt Ion: 75 Resp: 7670

Ion Ratio Lower Upper

75 100

77 0.0 91.0 272.8#





#77

Bromobenzene

Concen: 1.050 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN081053.D

Acq: 16 Feb 2024 14:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

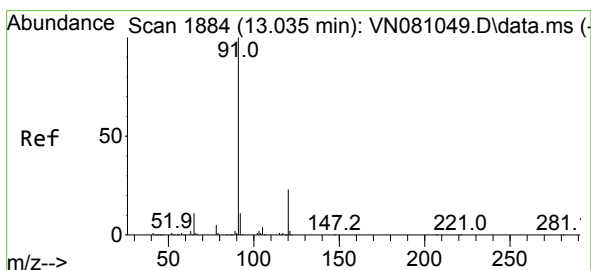
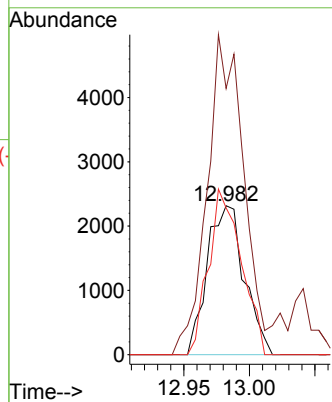
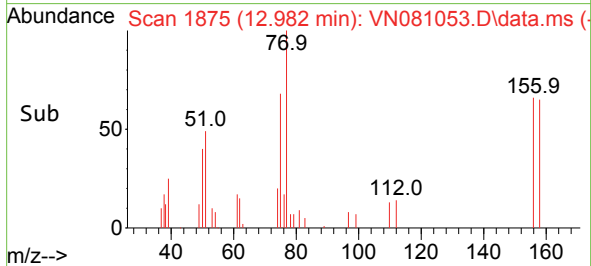
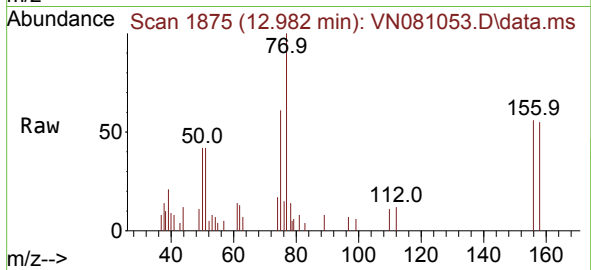
Tgt Ion:156 Resp: 4567

Ion Ratio Lower Upper

156 100

77 212.2 138.1 414.3

158 98.2 46.5 139.5



#78

n-propylbenzene

Concen: 0.941 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN081053.D

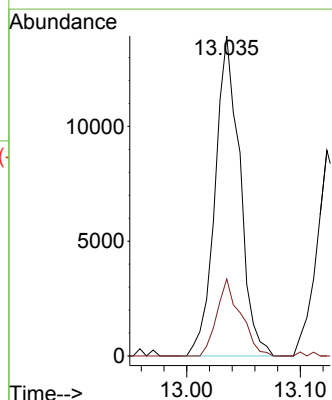
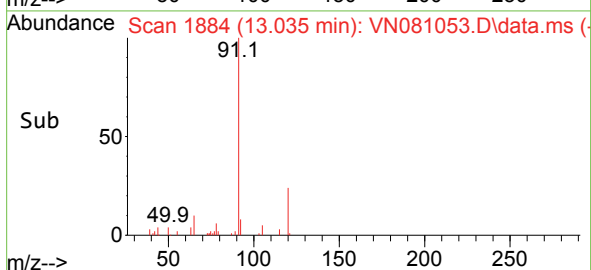
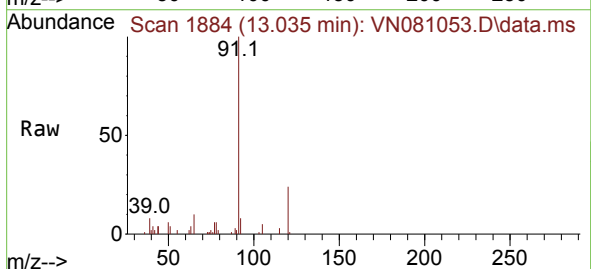
Acq: 16 Feb 2024 14:06

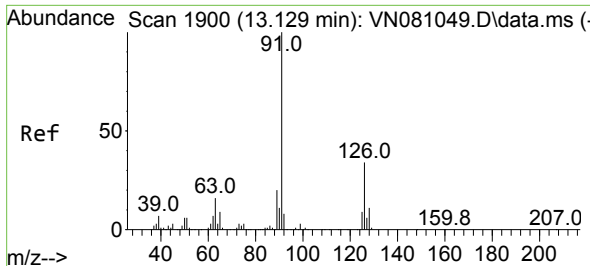
Tgt Ion: 91 Resp: 21132

Ion Ratio Lower Upper

91 100

120 23.1 10.3 30.9

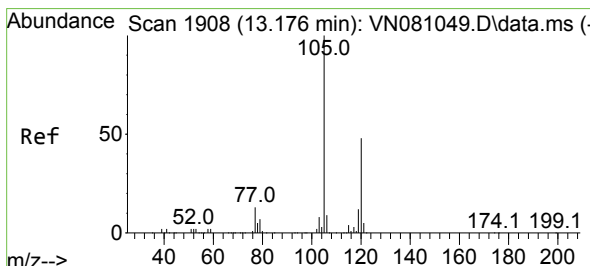
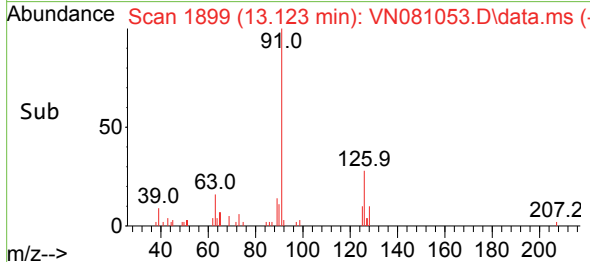
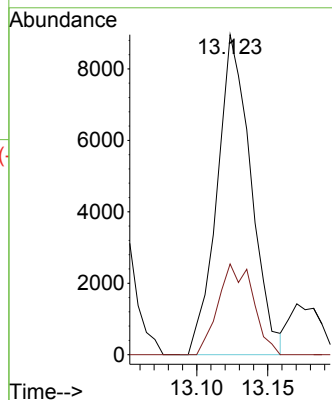
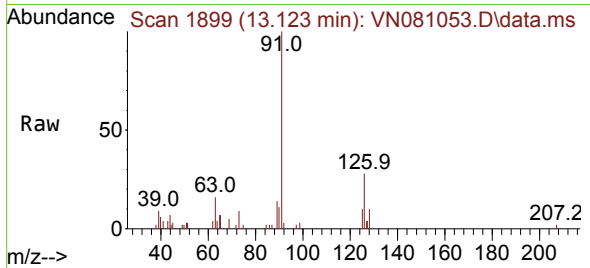




#79
2-Chlorotoluene
Concen: 1.079 ug/l
RT: 13.123 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081053.D
Acq: 16 Feb 2024 14:06

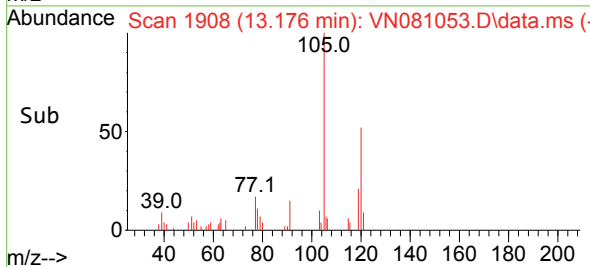
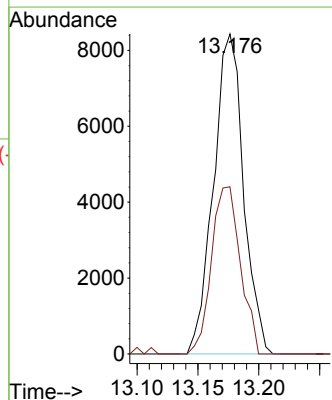
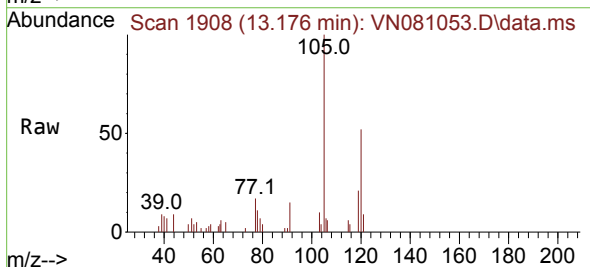
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

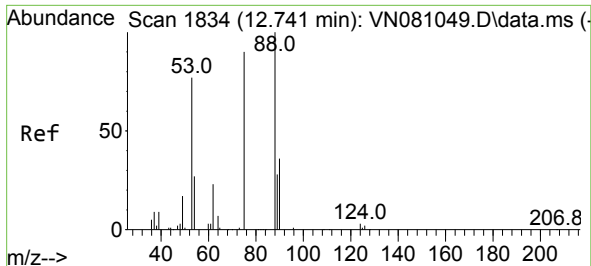
Tgt Ion: 91 Resp: 14859
Ion Ratio Lower Upper
91 100
126 29.3 14.8 44.4



#80
1,3,5-Trimethylbenzene
Concen: 0.915 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081053.D
Acq: 16 Feb 2024 14:06

Tgt Ion: 105 Resp: 14474
Ion Ratio Lower Upper
105 100
120 50.3 23.0 69.0

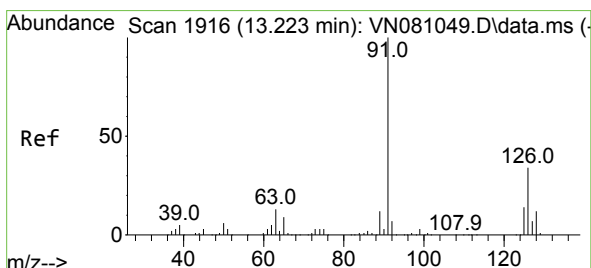
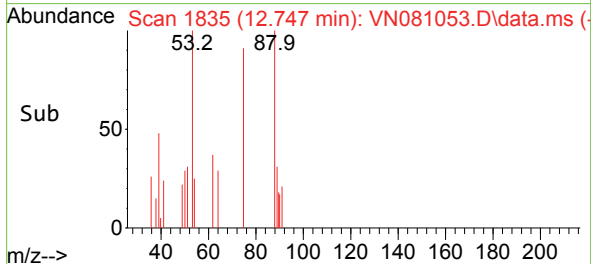
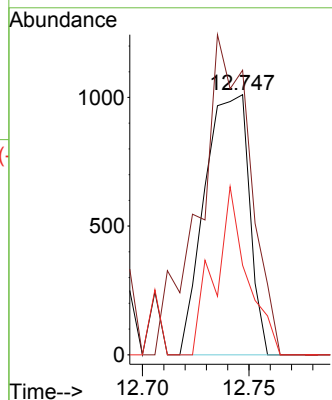
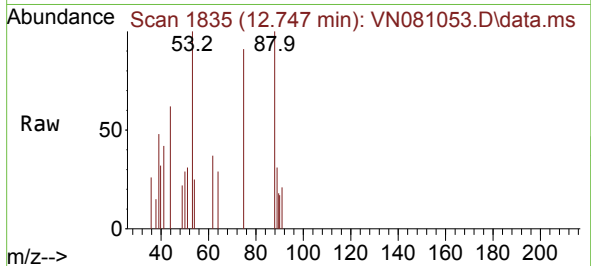




#81
trans-1,4-Dichloro-2-butene
Concen: 0.747 ug/l
RT: 12.747 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN081053.D
Acq: 16 Feb 2024 14:06

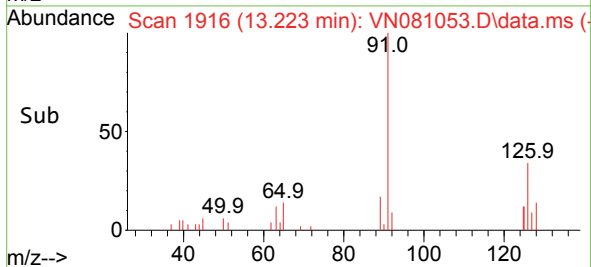
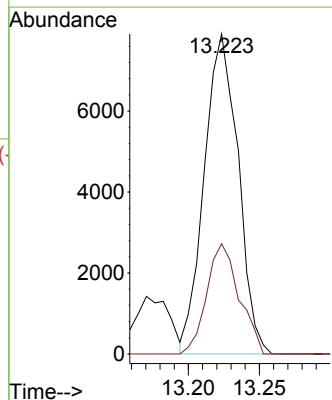
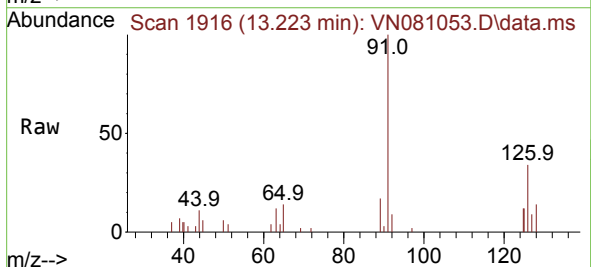
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

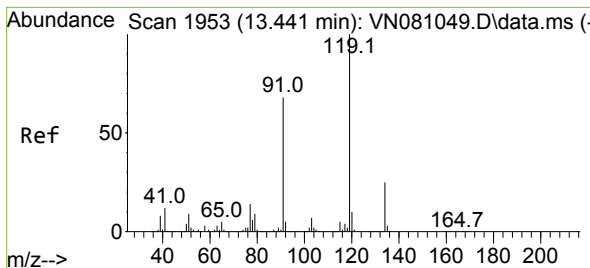
Tgt Ion: 75 Resp: 1470
Ion Ratio Lower Upper
75 100
53 139.4 71.4 107.2#
89 47.0 33.4 50.0



#82
4-Chlorotoluene
Concen: 0.974 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081053.D
Acq: 16 Feb 2024 14:06

Tgt Ion: 91 Resp: 13120
Ion Ratio Lower Upper
91 100
126 33.1 15.3 45.9





#83

tert-Butylbenzene

Concen: 0.909 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.006 min

Lab File: VN081053.D

Acq: 16 Feb 2024 14:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

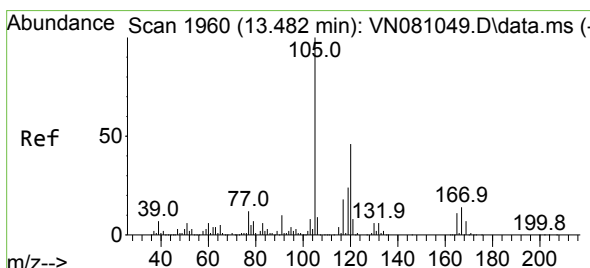
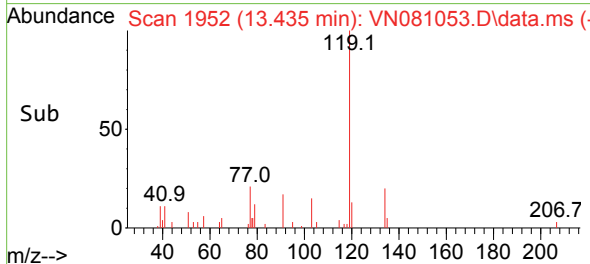
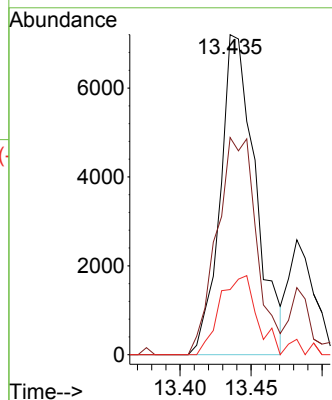
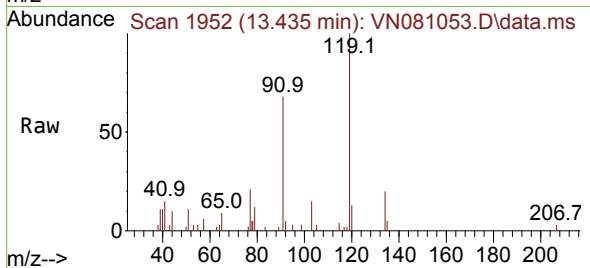
Tgt Ion:119 Resp: 12430

Ion Ratio Lower Upper

119 100

91 76.1 36.8 110.4

134 26.5 12.4 37.4



#84

1,2,4-Trimethylbenzene

Concen: 0.919 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN081053.D

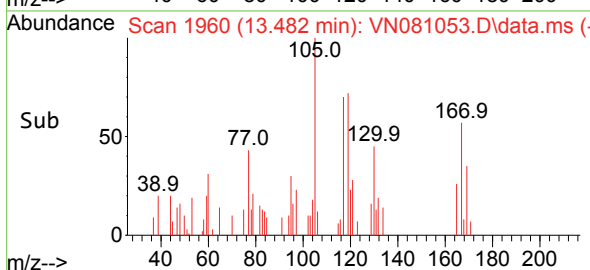
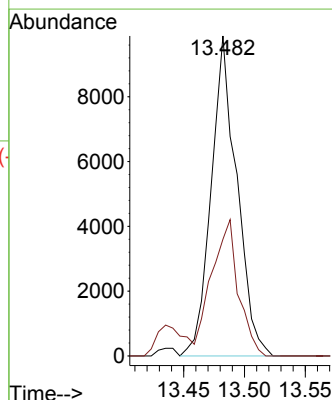
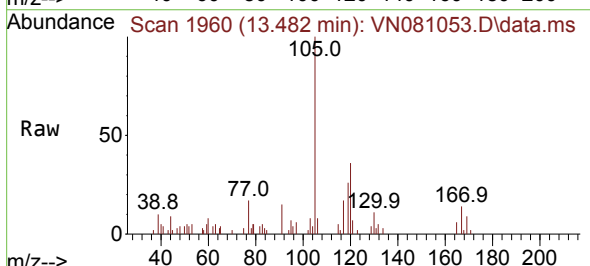
Acq: 16 Feb 2024 14:06

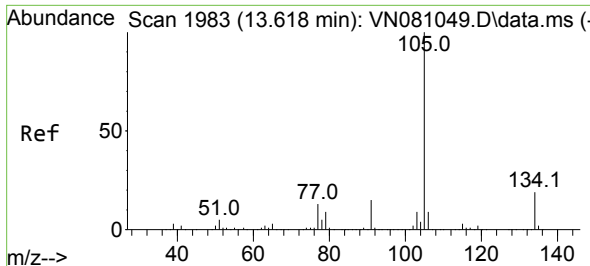
Tgt Ion:105 Resp: 14481

Ion Ratio Lower Upper

105 100

120 44.6 20.9 62.7

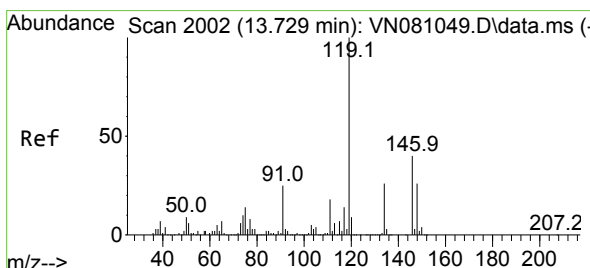
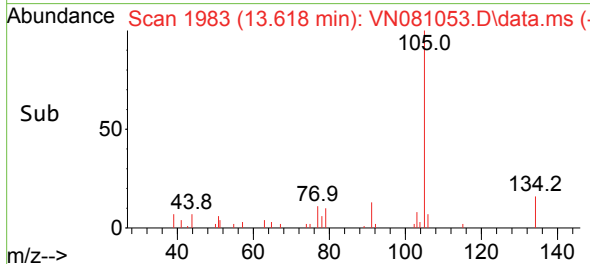
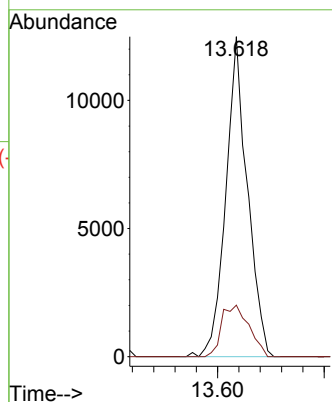
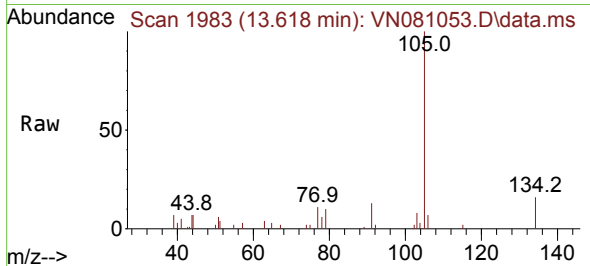




#85
 sec-Butylbenzene
 Concen: 0.923 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081053.D
 Acq: 16 Feb 2024 14:06

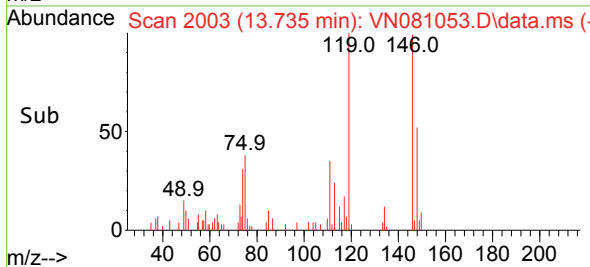
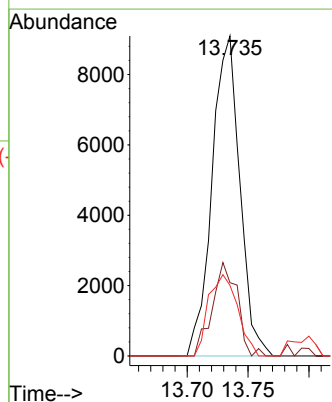
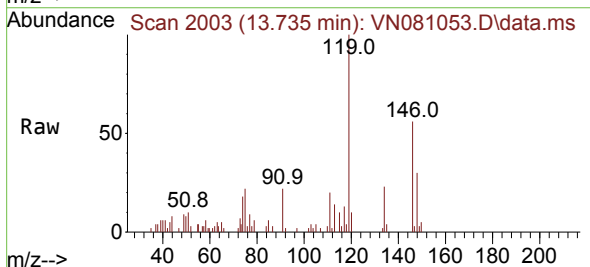
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

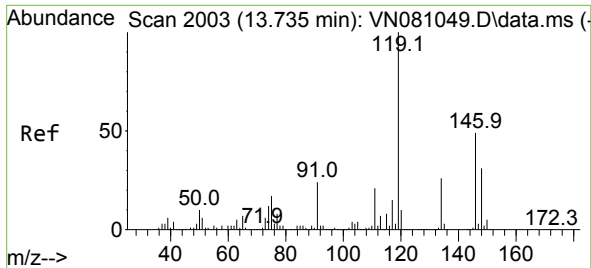
Tgt Ion:105 Resp: 17545
 Ion Ratio Lower Upper
 105 100
 134 20.4 8.6 25.8



#86
 p-Isopropyltoluene
 Concen: 0.914 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN081053.D
 Acq: 16 Feb 2024 14:06

Tgt Ion:119 Resp: 14438
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.4 37.2
 91 26.7 13.5 40.4

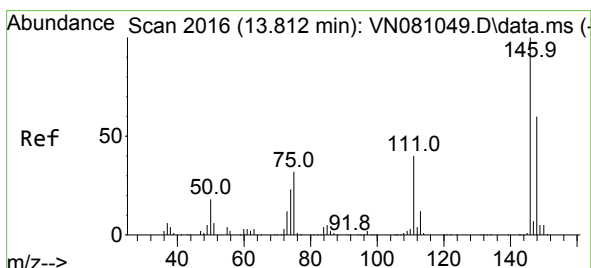
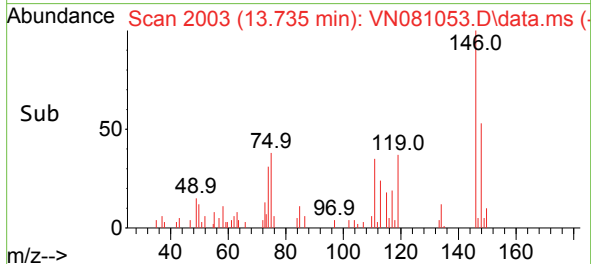
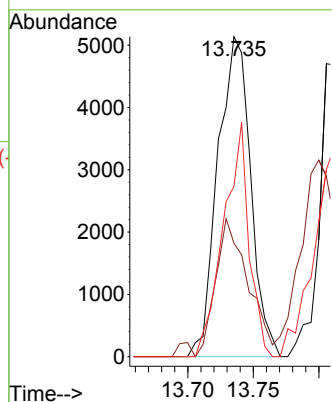
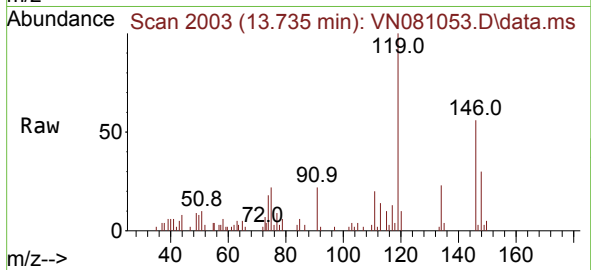




#87
1,3-Dichlorobenzene
Concen: 1.089 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN081053.D
Acq: 16 Feb 2024 14:06

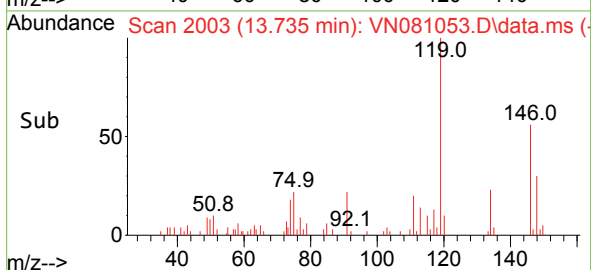
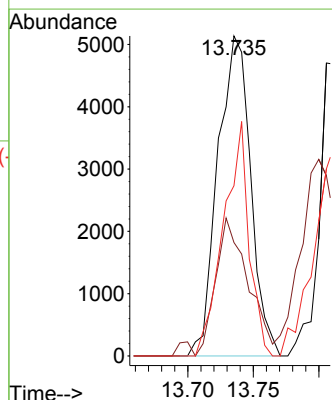
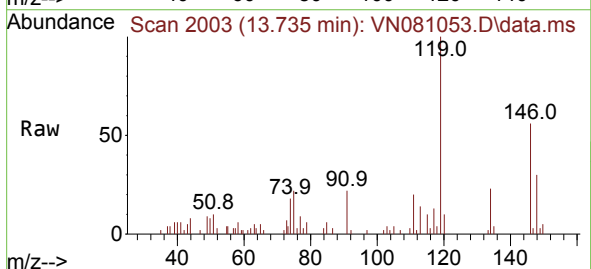
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

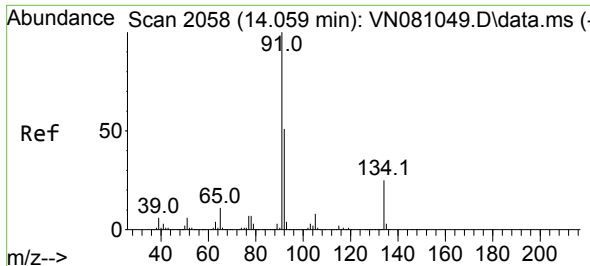
Tgt Ion:146 Resp: 8948
Ion Ratio Lower Upper
146 100
111 44.4 23.9 71.7
148 56.8 32.6 97.7



#88
1,4-Dichlorobenzene
Concen: 1.108 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.076 min
Lab File: VN081053.D
Acq: 16 Feb 2024 14:06

Tgt Ion:146 Resp: 8948
Ion Ratio Lower Upper
146 100
111 44.4 22.6 67.7
148 56.8 31.9 95.5

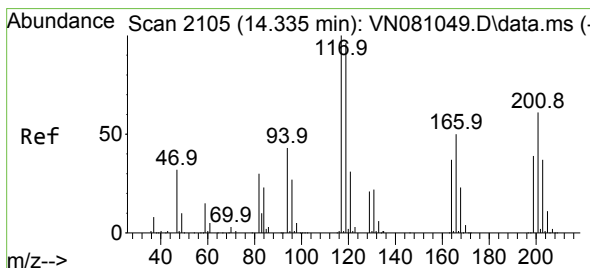
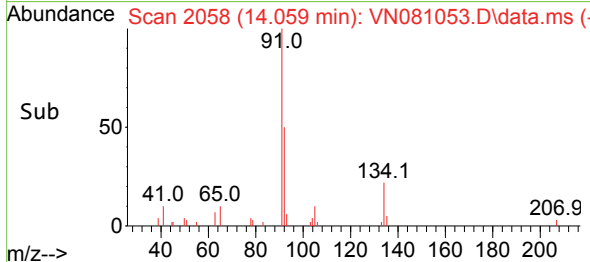
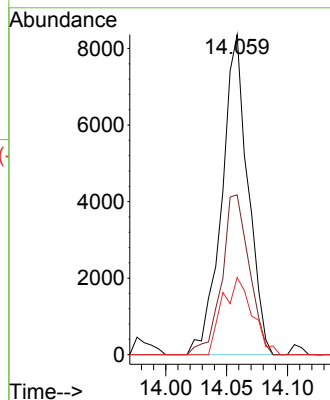
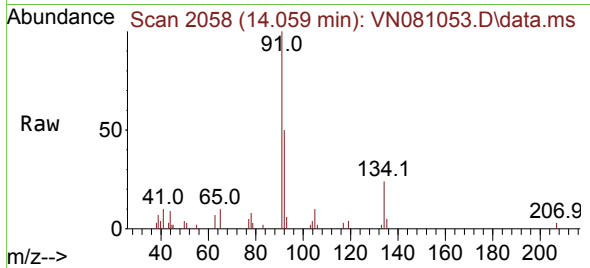




#89
n-Butylbenzene
Concen: 0.912 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN081053.D
Acq: 16 Feb 2024 14:06

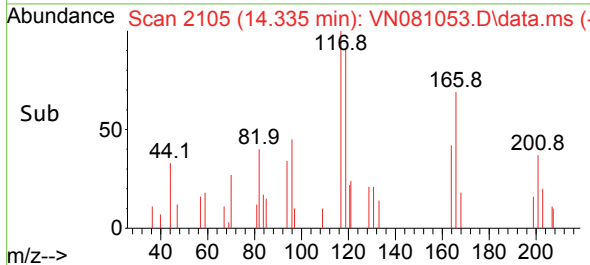
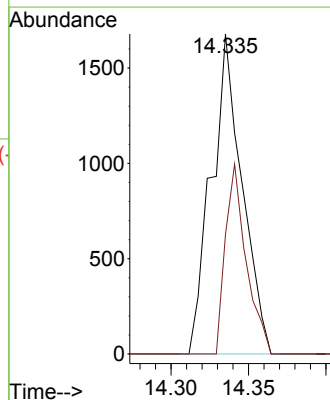
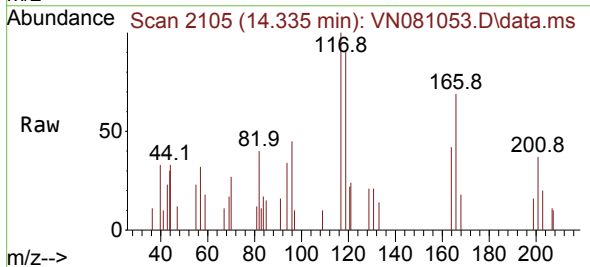
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

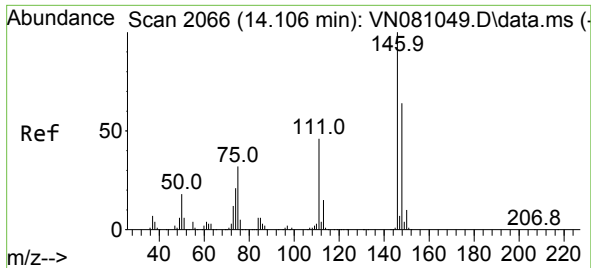
Tgt Ion:	91	Resp:	12543
Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.7	80.1
134	27.5	10.8	32.4



#90
Hexachloroethane
Concen: 0.884 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN081053.D
Acq: 16 Feb 2024 14:06

Tgt Ion:	117	Resp:	2306
Ion	Ratio	Lower	Upper
117	100		
201	40.2	30.0	90.0

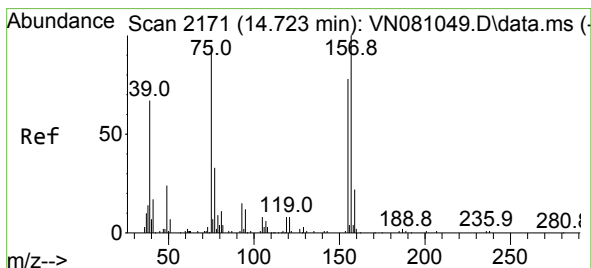
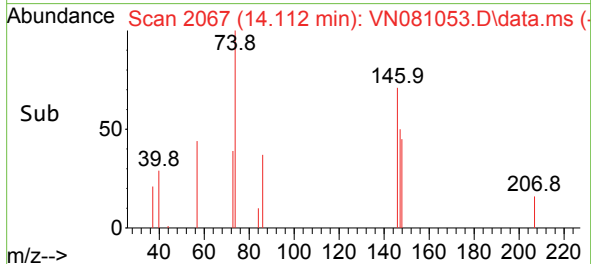
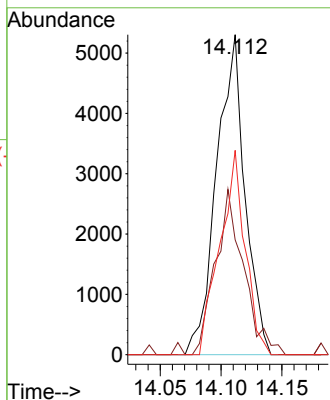
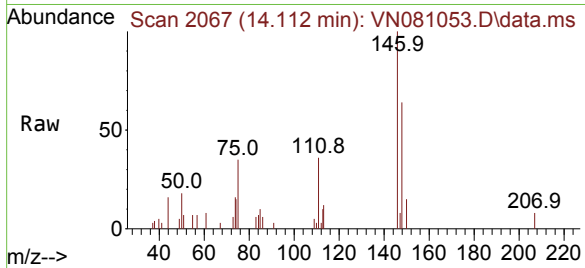




#91
1,2-Dichlorobenzene
Concen: 1.085 ug/l
RT: 14.112 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN081053.D
Acq: 16 Feb 2024 14:06

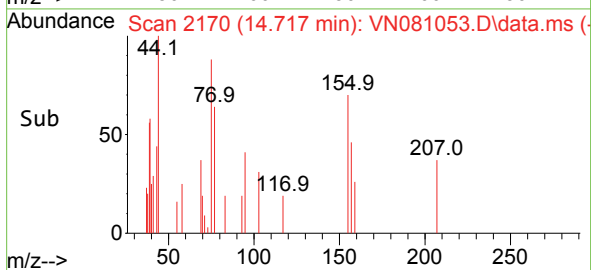
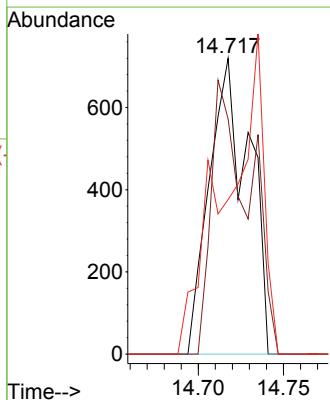
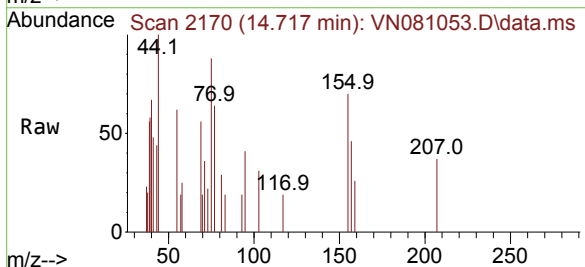
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

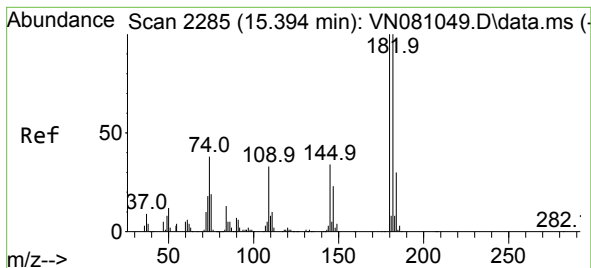
Tgt Ion:146 Resp: 8599
Ion Ratio Lower Upper
146 100
111 51.7 23.9 71.8
148 56.9 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.023 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN081053.D
Acq: 16 Feb 2024 14:06

Tgt Ion: 75 Resp: 1166
Ion Ratio Lower Upper
75 100
155 87.7 31.8 95.4
157 0.0 41.1 123.4#





#93

1,2,4-Trichlorobenzene

Concen: 0.981 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN081053.D

Acq: 16 Feb 2024 14:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

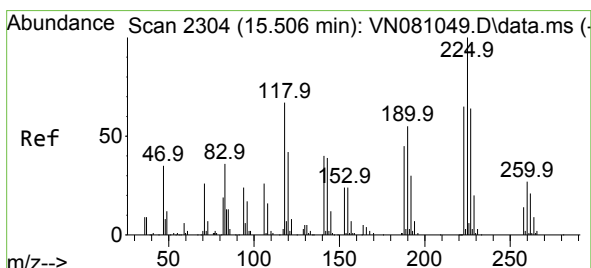
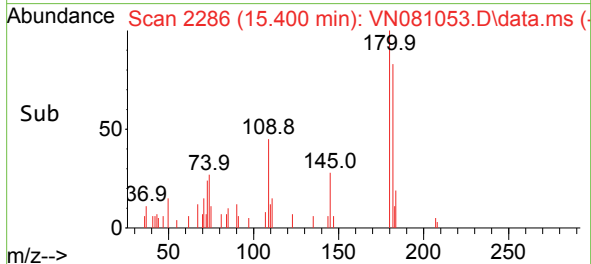
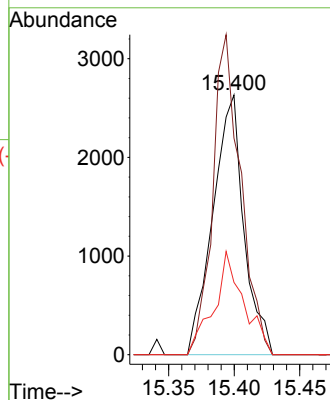
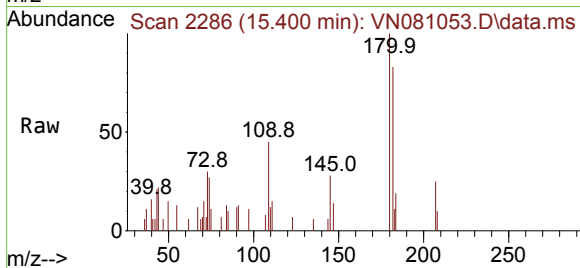
Tgt Ion:180 Resp: 4339

Ion Ratio Lower Upper

180 100

182 110.4 46.6 139.7

145 38.4 16.8 50.3



#94

Hexachlorobutadiene

Concen: 0.959 ug/l

RT: 15.512 min Scan# 2305

Delta R.T. 0.006 min

Lab File: VN081053.D

Acq: 16 Feb 2024 14:06

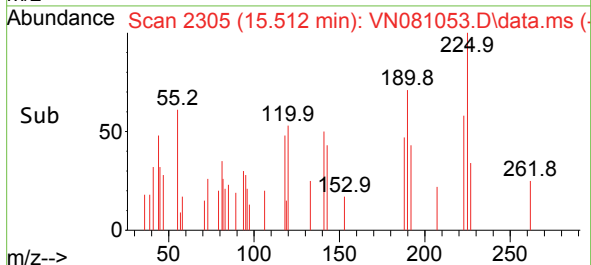
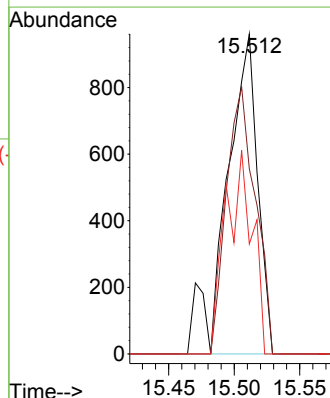
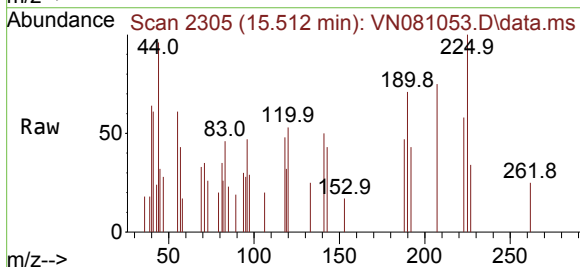
Tgt Ion:225 Resp: 1582

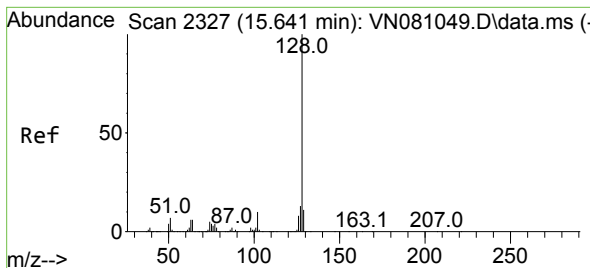
Ion Ratio Lower Upper

225 100

223 77.9 33.3 99.8

227 55.0 33.1 99.2





#95

Naphthalene

Concen: 1.046 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN081053.D

Acq: 16 Feb 2024 14:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

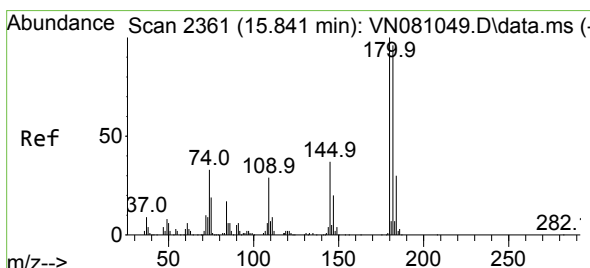
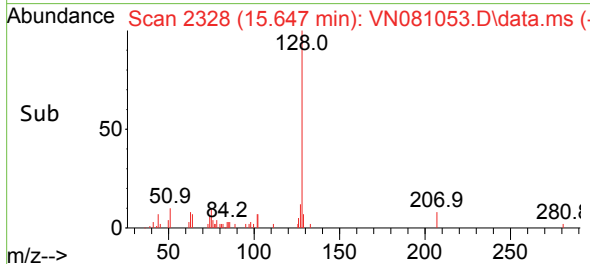
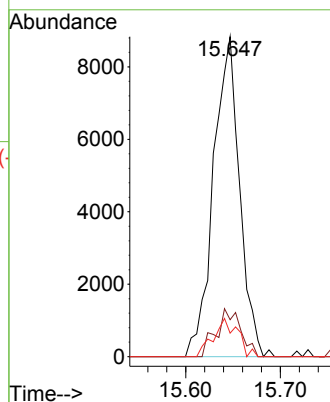
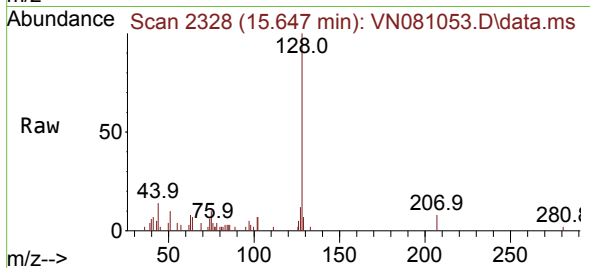
Tgt Ion:128 Resp: 16946

Ion Ratio Lower Upper

128 100

127 14.0 10.0 15.0

129 11.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 1.047 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.006 min

Lab File: VN081053.D

Acq: 16 Feb 2024 14:06

Tgt Ion:180 Resp: 4594

Ion Ratio Lower Upper

180 100

182 97.2 46.5 139.3

145 47.0 17.8 53.4

