

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021624\
 Data File : VN081051.D
 Acq On : 16 Feb 2024 12:54
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Feb 16 23:23:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	407035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	754742	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	653468	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	277056	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	46621	9.345	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	18.680%#
35) Dibromofluoromethane	8.165	113	39958	9.363	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	18.720%#
50) Toluene-d8	10.571	98	140754	9.286	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	18.580%#
62) 4-Bromofluorobenzene	12.853	95	50737	8.908	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	17.820%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	53835	10.227	ug/l	98
3) Chloromethane	2.365	50	56676	8.900	ug/l	98
4) Vinyl Chloride	2.518	62	55478	9.488	ug/l #	67
5) Bromomethane	2.959	94	40416	9.732	ug/l	98
6) Chloroethane	3.118	64	94083	24.050	ug/l #	78
7) Trichlorofluoromethane	3.501	101	79889	9.353	ug/l	90
8) Diethyl Ether	3.954	74	27888	8.930	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.377	101	42225	8.867	ug/l #	88
10) Methyl Iodide	4.583	142	48970	9.213	ug/l	95
11) Tert butyl alcohol	5.512	59	46735	50.936	ug/l	99
12) 1,1-Dichloroethene	4.342	96	42726	9.282	ug/l	80
13) Acrolein	4.183	56	23341	47.463	ug/l	97
14) Allyl chloride	5.024	41	64199	9.400	ug/l #	95
15) Acrylonitrile	5.718	53	112141	46.798	ug/l	96
16) Acetone	4.424	43	94212	47.991	ug/l	98
17) Carbon Disulfide	4.718	76	116226	9.053	ug/l	96
18) Methyl Acetate	5.024	43	49567	10.350	ug/l	92
19) Methyl tert-butyl Ether	5.795	73	146252	9.277	ug/l	98
20) Methylene Chloride	5.277	84	50271	9.139	ug/l	90
21) trans-1,2-Dichloroethene	5.783	96	47387	9.227	ug/l	92
22) Diisopropyl ether	6.671	45	141519	9.134	ug/l #	95
23) Vinyl Acetate	6.600	43	586852	46.686	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	83614	9.334	ug/l #	94
25) 2-Butanone	7.483	43	156570	49.369	ug/l #	90
26) 2,2-Dichloropropane	7.489	77	77400	9.221	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	54072	9.062	ug/l	88
28) Bromochloromethane	7.818	49	35061	9.441	ug/l #	64
29) Tetrahydrofuran	7.841	42	101660	48.019	ug/l #	86
30) Chloroform	7.971	83	88736	9.318	ug/l	99
31) Cyclohexane	8.253	56	84642	9.825	ug/l #	91
32) 1,1,1-Trichloroethane	8.171	97	78151	9.011	ug/l #	90
36) 1,1-Dichloropropene	8.371	75	67314	9.206	ug/l	95
37) Ethyl Acetate	7.559	43	62316	9.443	ug/l	97
38) Carbon Tetrachloride	8.365	117	65426	8.844	ug/l	92
39) Methylcyclohexane	9.600	83	76989	9.033	ug/l #	84
40) Benzene	8.612	78	191477	9.047	ug/l	91

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	38254	10.186	ug/l	91
42) 1,2-Dichloroethane	8.671	62	68687	9.303	ug/l	99
43) Isopropyl Acetate	8.688	43	108325	9.386	ug/l #	95
44) Trichloroethene	9.353	130	52422	9.300	ug/l	93
45) 1,2-Dichloropropane	9.618	63	48882	9.233	ug/l	98
46) Dibromomethane	9.712	93	35541	9.214	ug/l	93
47) Bromodichloromethane	9.894	83	66646	9.123	ug/l #	96
48) Methyl methacrylate	9.683	41	49704	9.256	ug/l	91
49) 1,4-Dioxane	9.700	88	20720	176.803	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	317266	47.788	ug/l	95
52) Toluene	10.630	92	124704	9.308	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	74743	9.207	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	79177	9.027	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	48933	9.496	ug/l	89
56) Ethyl methacrylate	10.877	69	73488	9.331	ug/l	87
57) 1,3-Dichloropropane	11.165	76	82327	9.240	ug/l	95
58) 2-Chloroethyl Vinyl ether	10.159	63	188460	47.692	ug/l #	87
59) 2-Hexanone	11.200	43	249517	47.406	ug/l	96
60) Dibromochloromethane	11.365	129	49065	8.963	ug/l	99
61) 1,2-Dibromoethane	11.471	107	50438	9.308	ug/l	99
64) Tetrachloroethene	11.112	164	44325	9.938	ug/l #	84
65) Chlorobenzene	11.894	112	130257	9.210	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.965	131	46356	9.125	ug/l	96
67) Ethyl Benzene	11.965	91	231624	9.152	ug/l	96
68) m/p-Xylenes	12.071	106	179064	18.459	ug/l	96
69) o-Xylene	12.400	106	87721	9.123	ug/l	97
70) Styrene	12.412	104	140107	9.195	ug/l	96
71) Bromoform	12.576	173	28488	8.839	ug/l #	97
73) Isopropylbenzene	12.700	105	229363	9.462	ug/l	98
74) N-amyl acetate	12.494	43	98643	9.628	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	66099	9.697	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	84539	13.376	ug/l	60
77) Bromobenzene	12.982	156	49935	9.239	ug/l	73
78) n-propylbenzene	13.035	91	255260	9.147	ug/l	96
79) 2-Chlorotoluene	13.123	91	157871	9.223	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	181677	9.244	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	23829	9.743	ug/l	98
82) 4-Chlorotoluene	13.223	91	156253	9.336	ug/l	95
83) tert-Butylbenzene	13.441	119	160124	9.422	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	179447	9.162	ug/l	94
85) sec-Butylbenzene	13.618	105	215677	9.129	ug/l	92
86) p-Isopropyltoluene	13.729	119	175395	8.938	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	93590	9.164	ug/l	93
88) 1,4-Dichlorobenzene	13.812	146	91997	9.168	ug/l	97
89) n-Butylbenzene	14.059	91	152674	8.930	ug/l	97
90) Hexachloroethane	14.335	117	28257	8.711	ug/l	91
91) 1,2-Dichlorobenzene	14.106	146	89703	9.107	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	13663	9.641	ug/l	83
93) 1,2,4-Trichlorobenzene	15.400	180	50063	9.111	ug/l	99
94) Hexachlorobutadiene	15.506	225	18830	9.188	ug/l	95
95) Naphthalene	15.641	128	186356	9.254	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	50069	9.185	ug/l	99

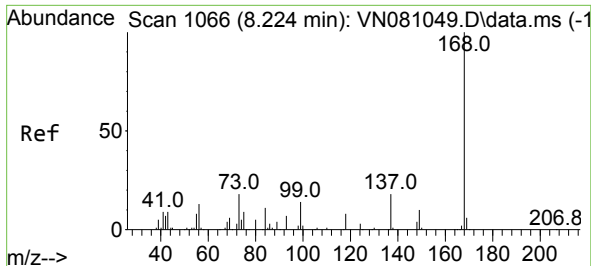
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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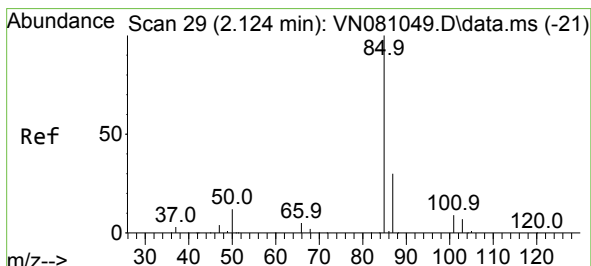
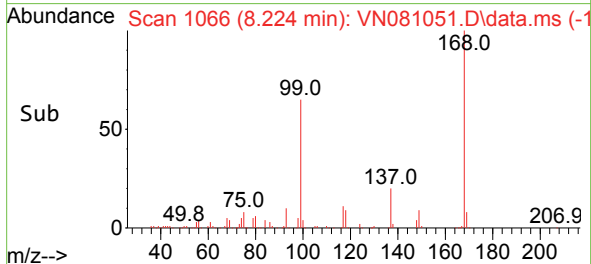
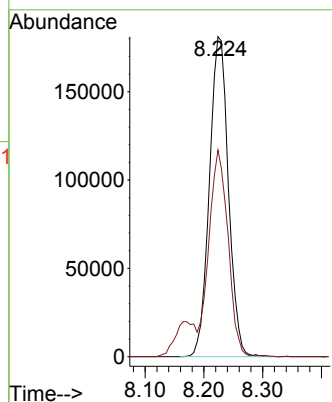
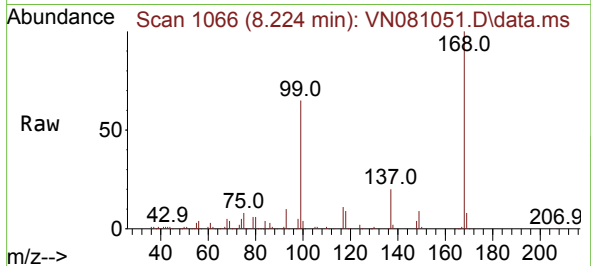
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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Acq: 16 Feb 2024 12:54

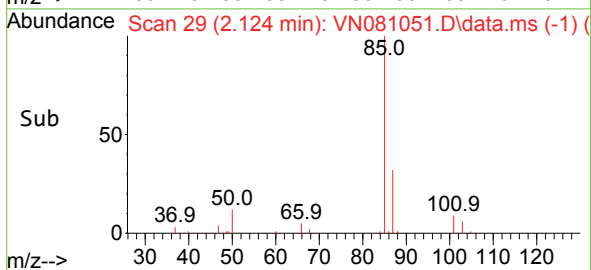
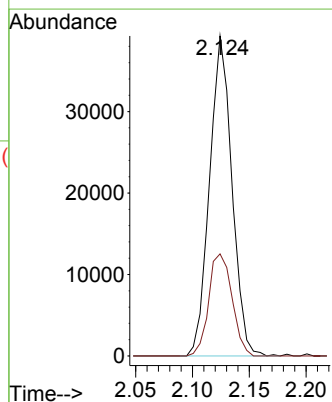
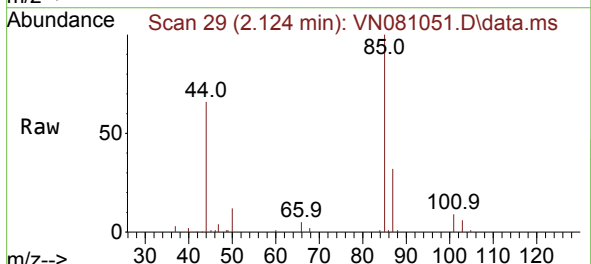
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

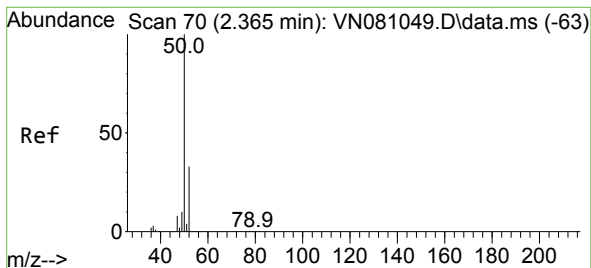
Tgt Ion:168 Resp: 407035
Ion Ratio Lower Upper
168 100
99 64.5 59.9 89.9



#2
Dichlorodifluoromethane
Concen: 10.227 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

Tgt Ion: 85 Resp: 53835
Ion Ratio Lower Upper
85 100
87 31.9 15.3 45.9





#3

Chloromethane

Concen: 8.900 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.000 min

Lab File: VN081051.D

Acq: 16 Feb 2024 12:54

Instrument :

MSVOA_N

ClientSampleId :

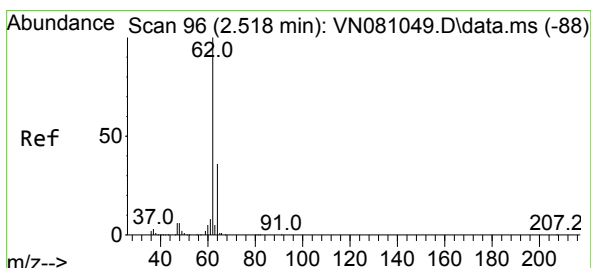
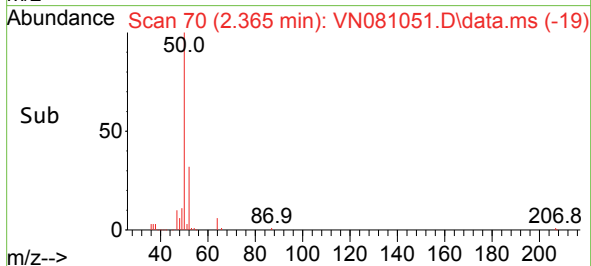
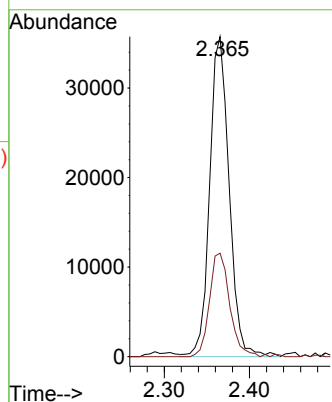
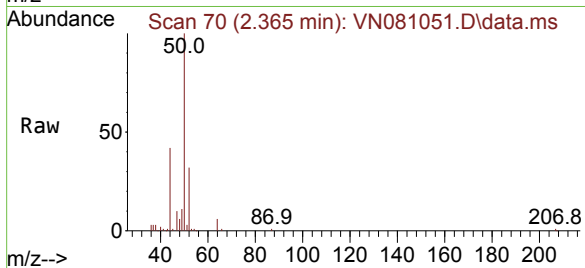
VSTDIC010

Tgt Ion: 50 Resp: 56676

Ion Ratio Lower Upper

50 100

52 32.4 25.0 37.4



#4

Vinyl Chloride

Concen: 9.488 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.000 min

Lab File: VN081051.D

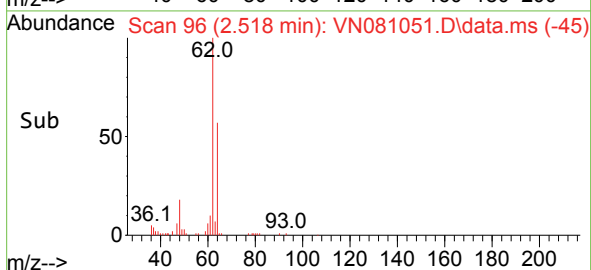
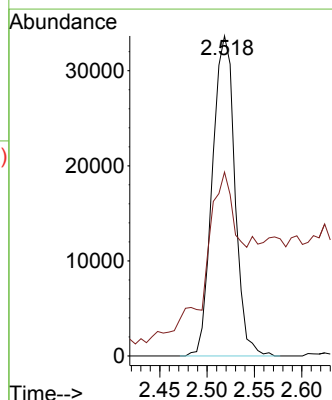
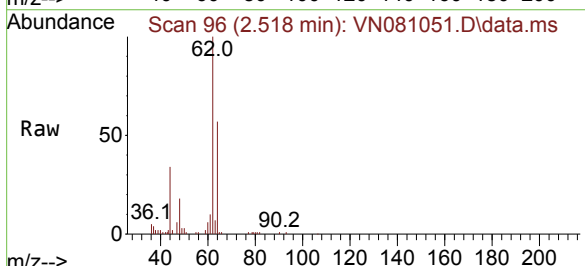
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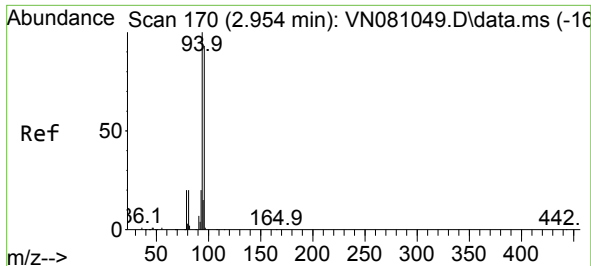
Tgt Ion: 62 Resp: 55478

Ion Ratio Lower Upper

62 100

64 46.0 22.7 34.1#

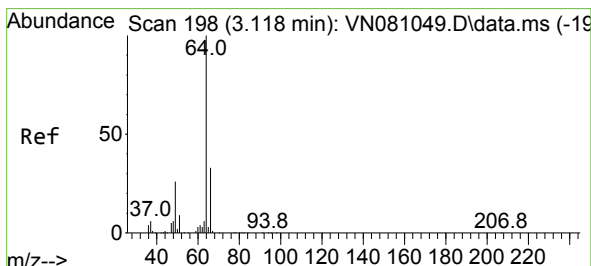
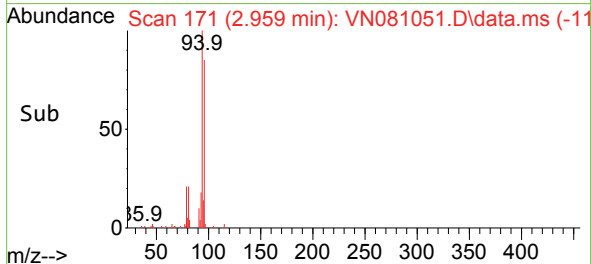
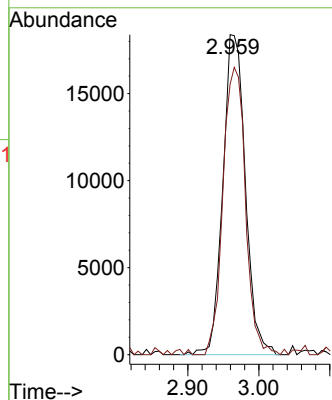
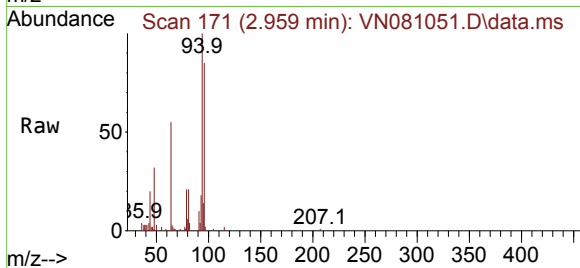




#5
Bromomethane
Concen: 9.732 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.006 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

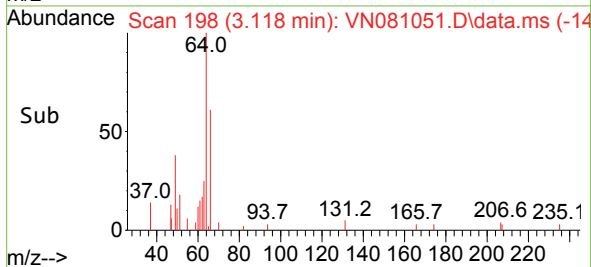
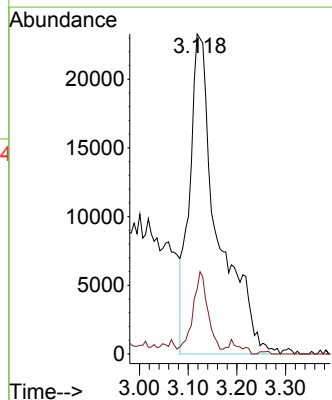
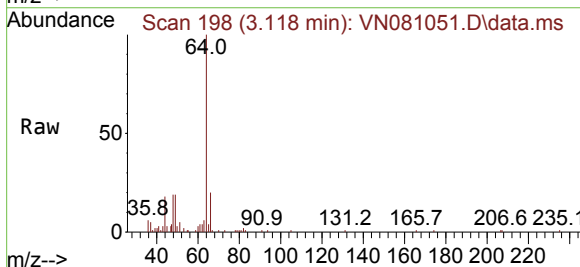
Instrument :
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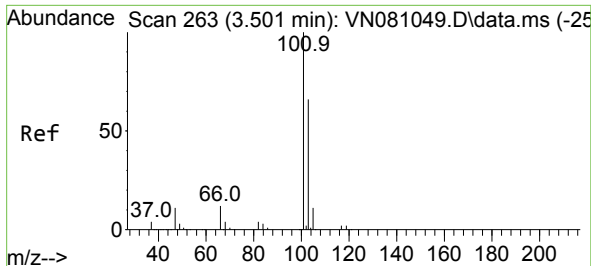
Tgt Ion: 94 Resp: 40416
Ion Ratio Lower Upper
94 100
96 84.6 69.2 103.8



#6
Chloroethane
Concen: 24.050 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

Tgt Ion: 64 Resp: 94083
Ion Ratio Lower Upper
64 100
66 20.3 26.4 39.6#

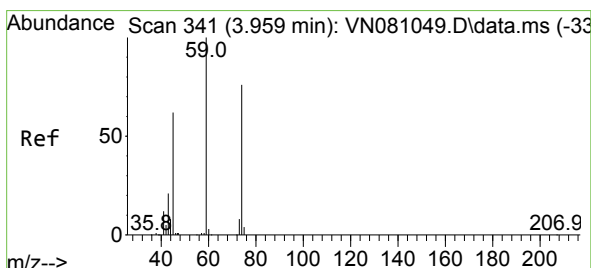
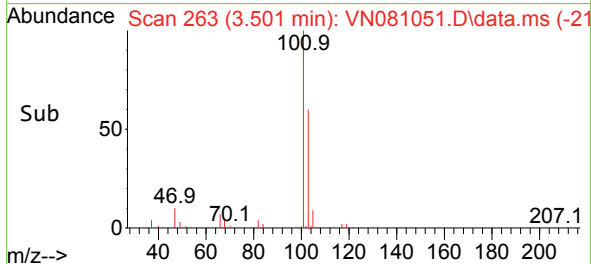
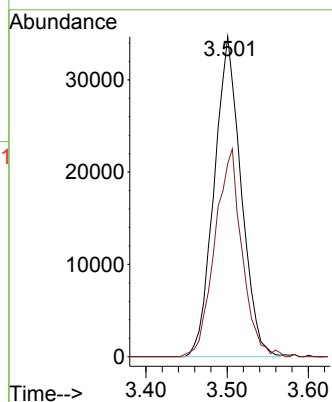
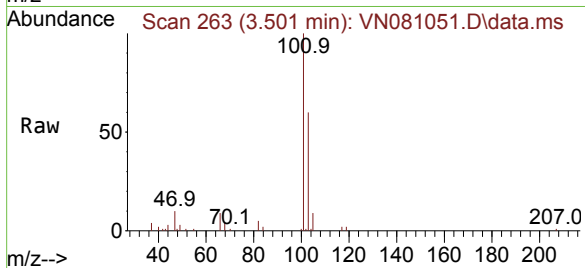




#7
Trichlorofluoromethane
Concen: 9.353 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

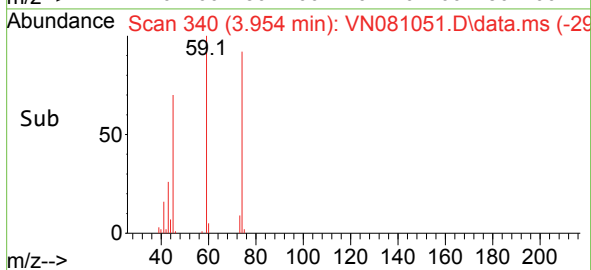
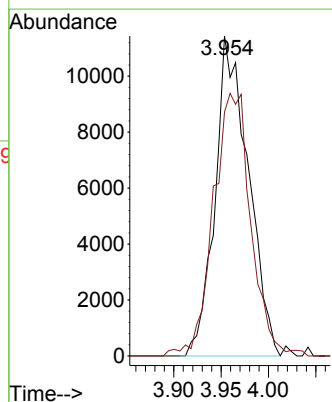
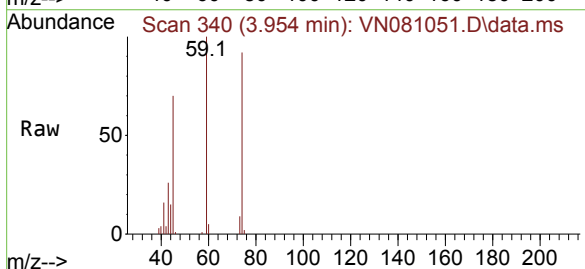
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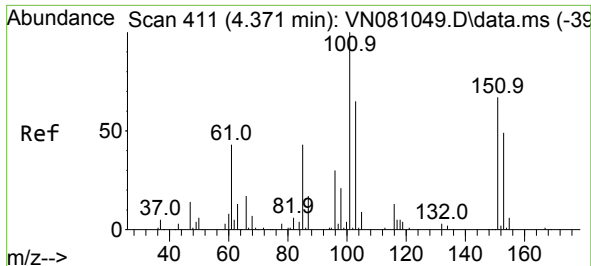
Tgt Ion:101 Resp: 79889
Ion Ratio Lower Upper
101 100
103 60.3 54.4 81.6



#8
Diethyl Ether
Concen: 8.930 ug/l
RT: 3.954 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

Tgt Ion: 74 Resp: 27888
Ion Ratio Lower Upper
74 100
45 92.8 53.3 159.9

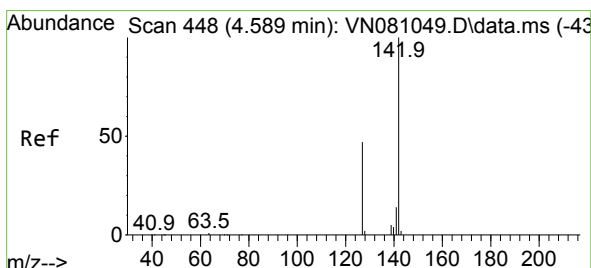
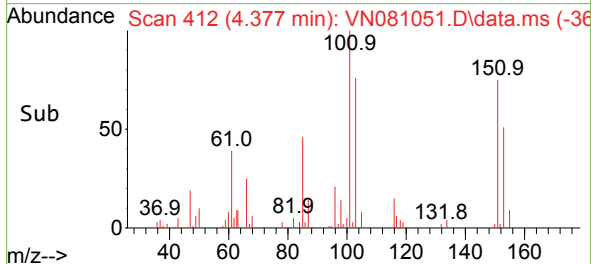
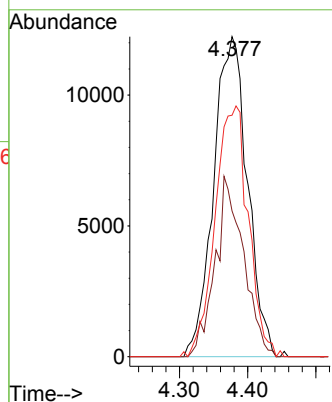
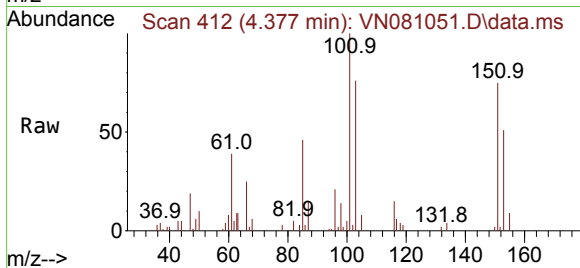




#9
1,1,2-Trichlorotrifluoroethane
Concen: 8.867 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081051.D
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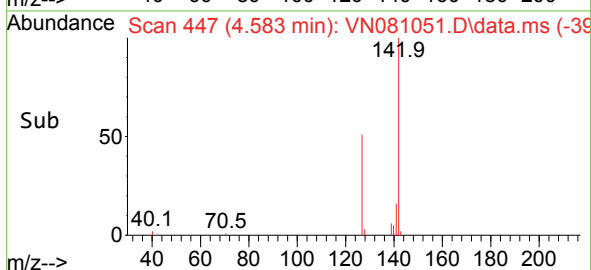
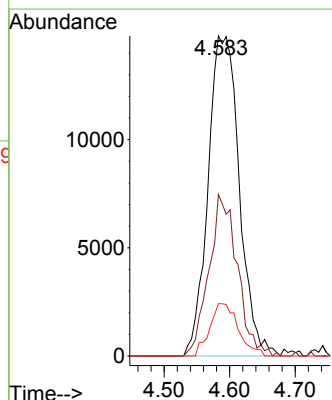
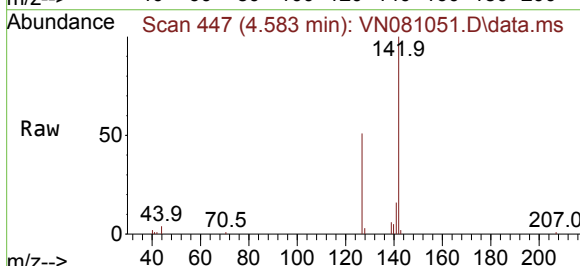
Instrument :
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VSTDIC010

Tgt Ion:101 Resp: 42225
Ion Ratio Lower Upper
101 100
85 47.5 38.1 57.1
151 77.0 49.1 73.7#



#10
Methyl Iodide
Concen: 9.213 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

Tgt Ion:142 Resp: 48970
Ion Ratio Lower Upper
142 100
127 50.5 37.0 55.4
141 16.3 12.5 18.7

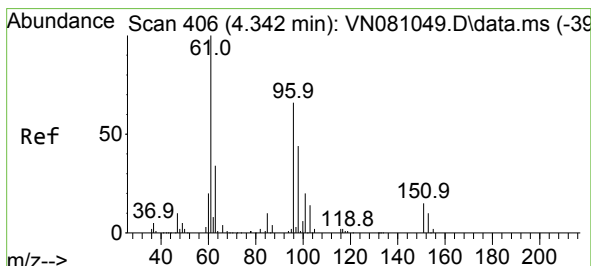
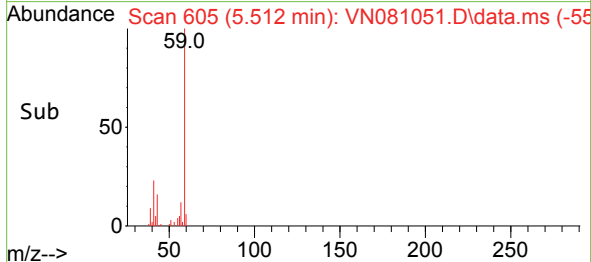
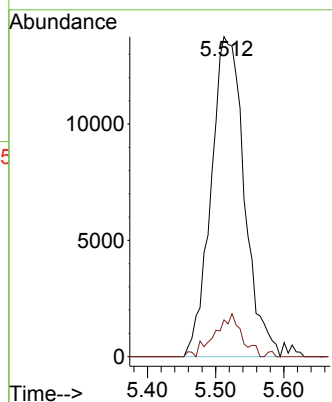
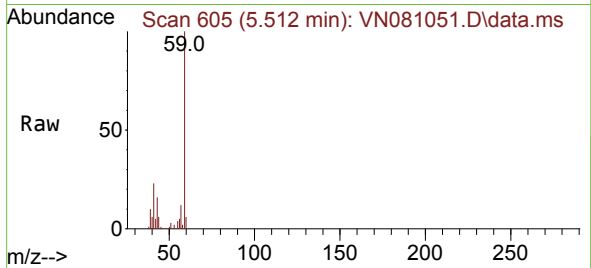




#11
Tert butyl alcohol
Concen: 50.936 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

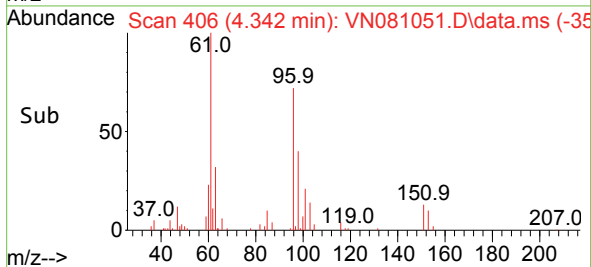
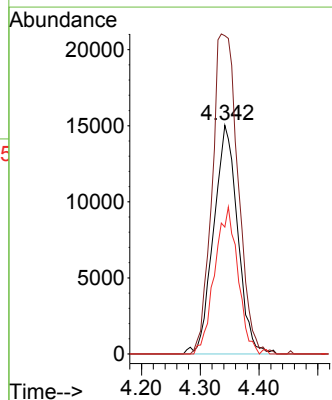
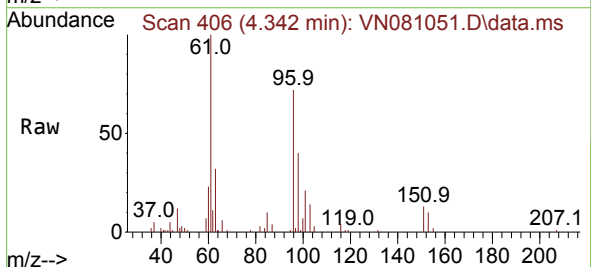
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 59 Resp: 46735
Ion Ratio Lower Upper
59 100
57 11.0 8.6 12.8



#12
1,1-Dichloroethene
Concen: 9.282 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

Tgt Ion: 96 Resp: 42726
Ion Ratio Lower Upper
96 100
61 139.2 138.2 207.4
98 55.5 49.2 73.8

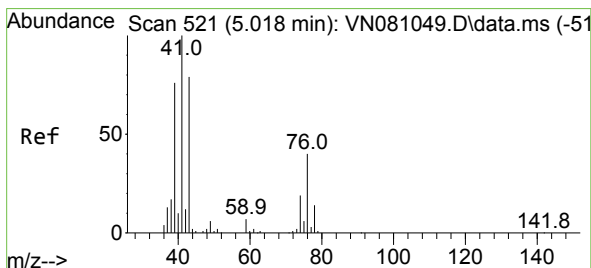
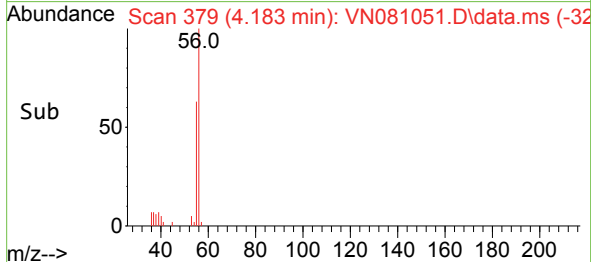
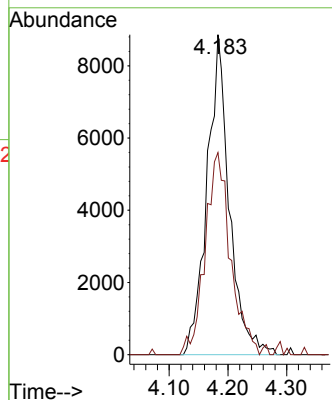
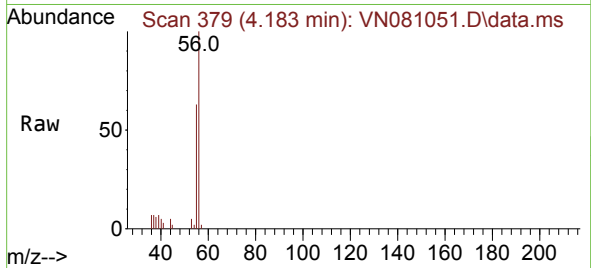




#13
Acrolein
Concen: 47.463 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

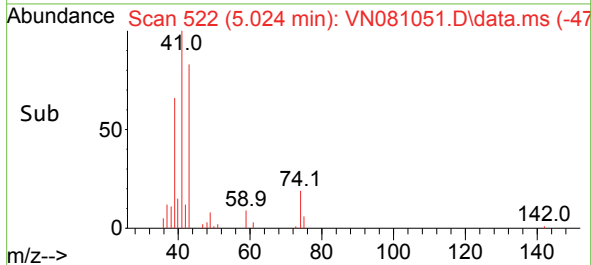
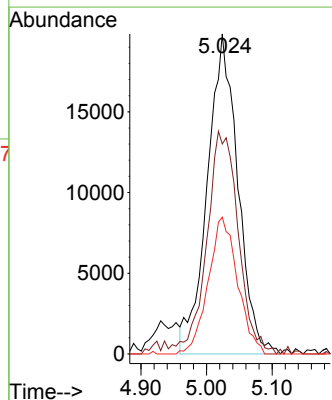
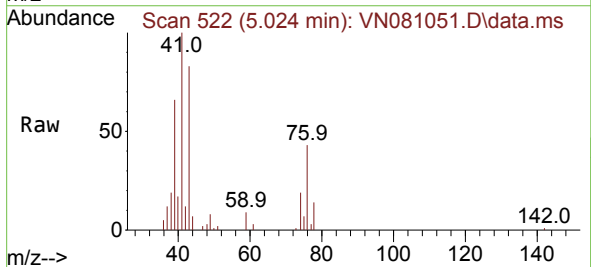
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

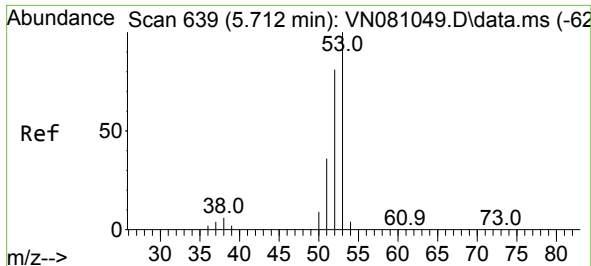
Tgt Ion: 56 Resp: 23341
Ion Ratio Lower Upper
56 100
55 71.7 55.3 82.9



#14
Allyl chloride
Concen: 9.400 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

Tgt Ion: 41 Resp: 64199
Ion Ratio Lower Upper
41 100
39 71.4 57.7 86.5
76 41.0 26.8 40.2#

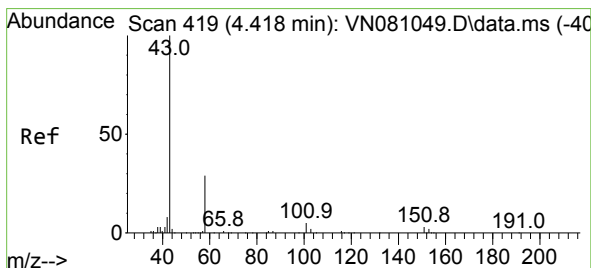
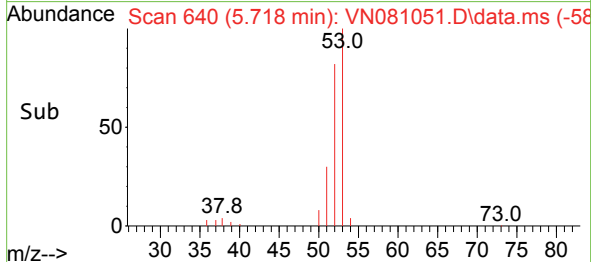
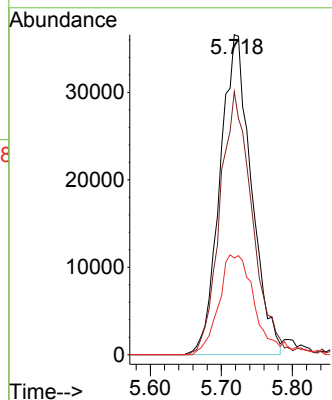
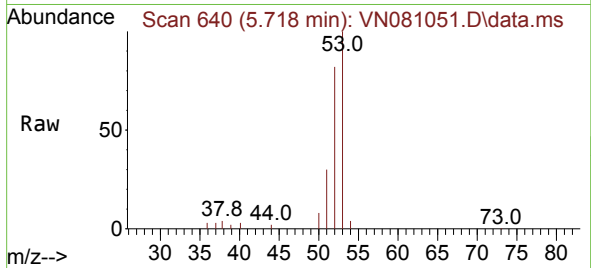




#15
Acrylonitrile
Concen: 46.798 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

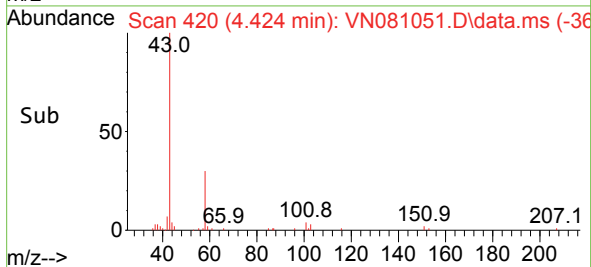
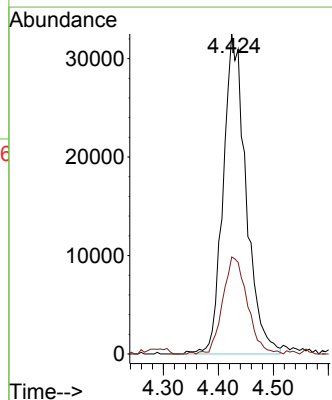
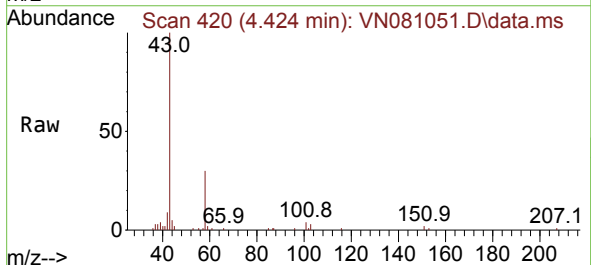
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

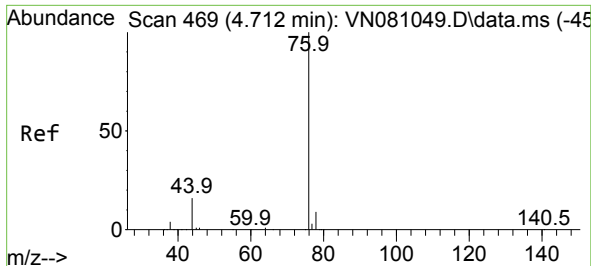
Tgt Ion: 53 Resp: 112141
Ion Ratio Lower Upper
53 100
52 84.7 64.8 97.2
51 35.7 26.9 40.3



#16
Acetone
Concen: 47.991 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

Tgt Ion: 43 Resp: 94212
Ion Ratio Lower Upper
43 100
58 29.8 24.8 37.2

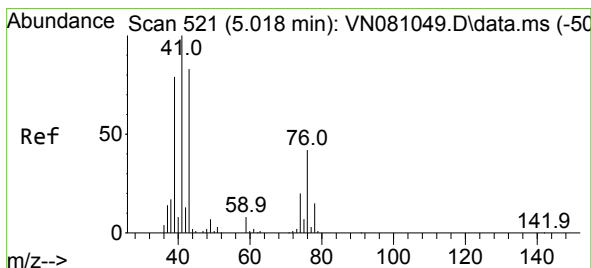
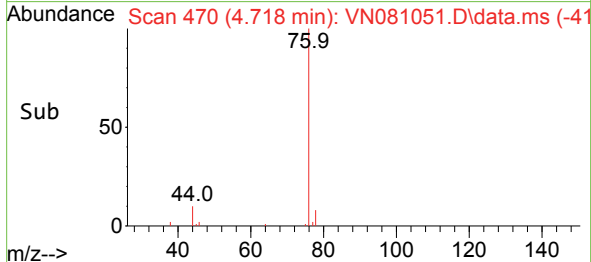
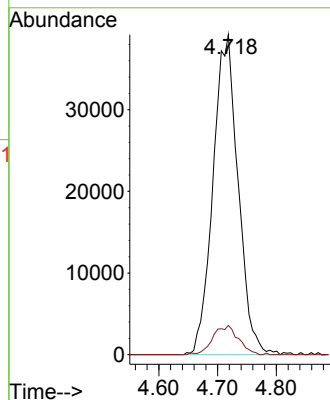
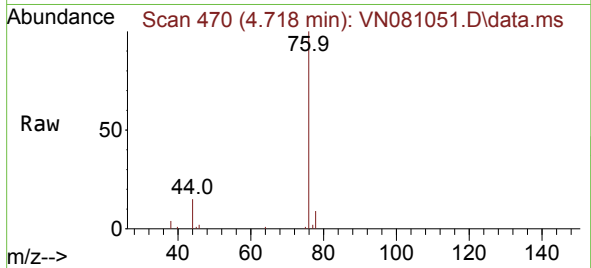




#17
Carbon Disulfide
Concen: 9.053 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

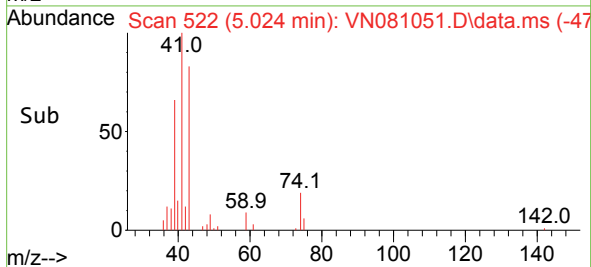
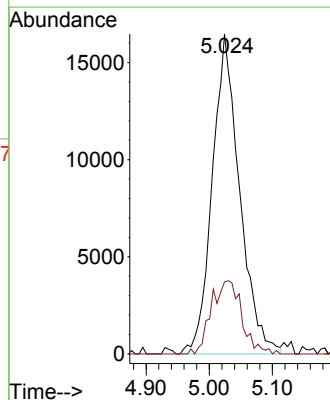
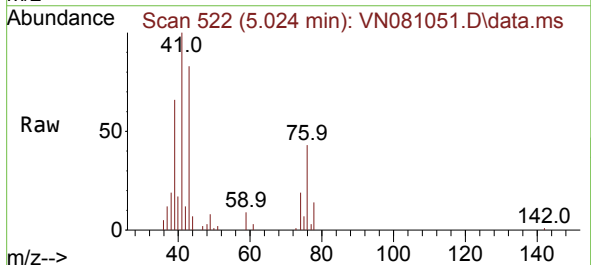
Instrument :
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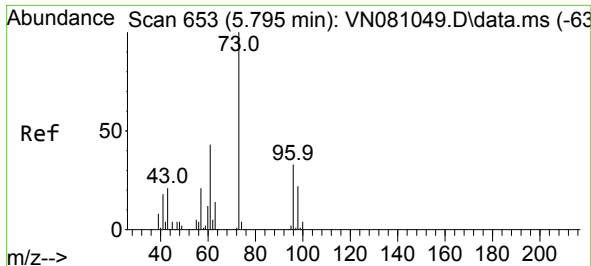
Tgt Ion: 76 Resp: 116226
Ion Ratio Lower Upper
76 100
78 9.2 6.3 9.5



#18
Methyl Acetate
Concen: 10.350 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

Tgt Ion: 43 Resp: 49567
Ion Ratio Lower Upper
43 100
74 25.5 17.3 25.9

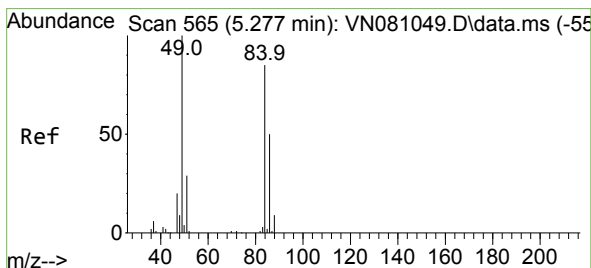
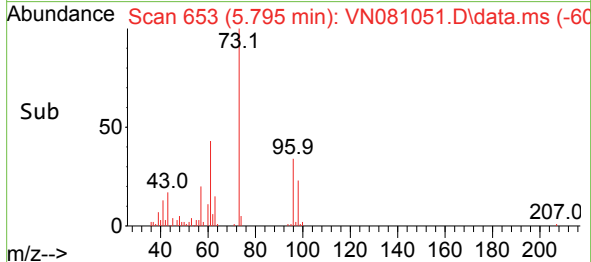
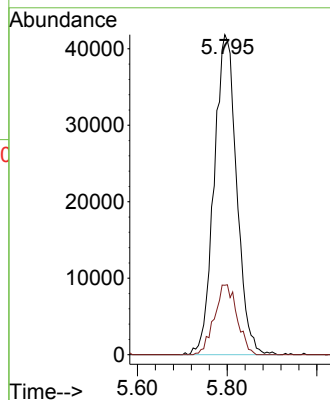
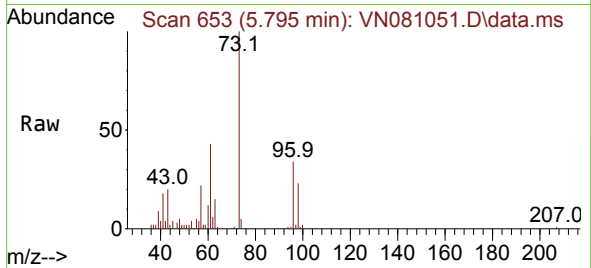




#19
Methyl tert-butyl Ether
Concen: 9.277 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

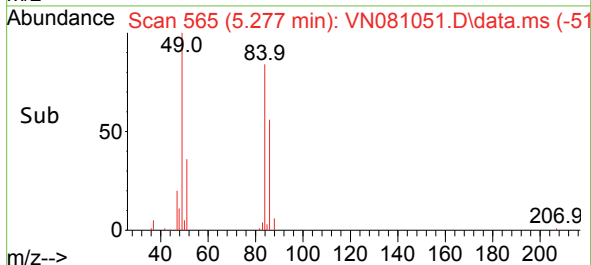
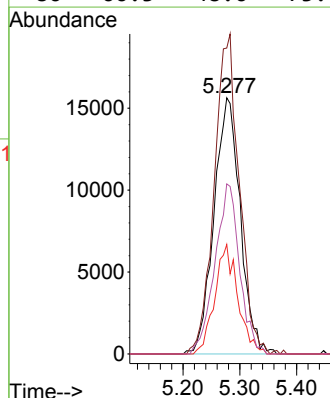
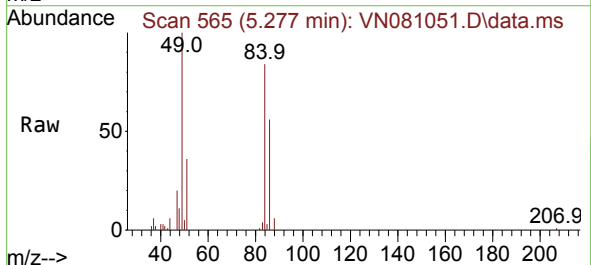
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

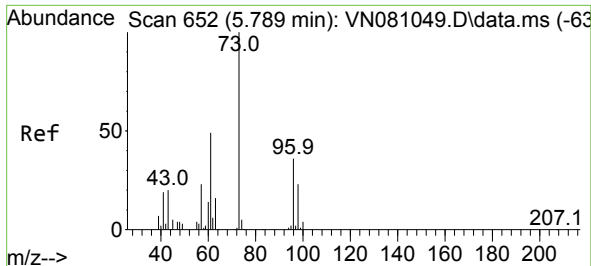
Tgt Ion: 73 Resp: 146252
Ion Ratio Lower Upper
73 100
57 21.7 18.2 27.4



#20
Methylene Chloride
Concen: 9.139 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

Tgt Ion: 84 Resp: 50271
Ion Ratio Lower Upper
84 100
49 119.4 108.1 162.1
51 42.7 32.9 49.3
86 66.3 48.6 73.0

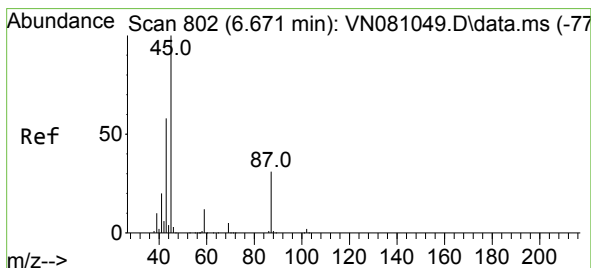
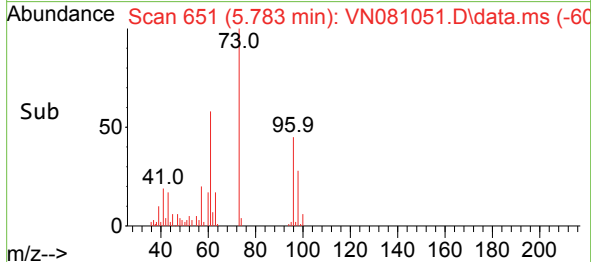
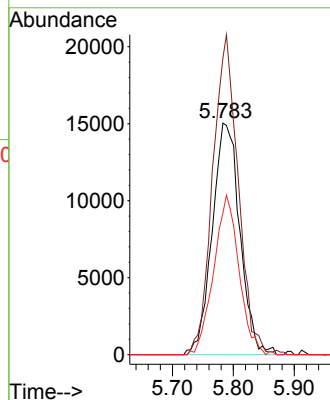
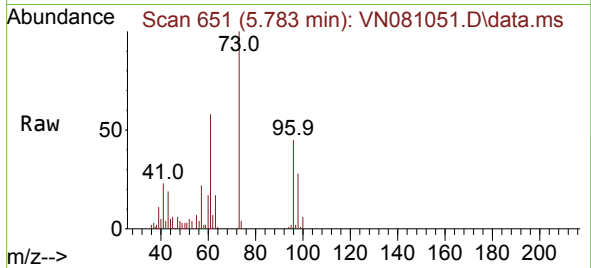




#21
trans-1,2-Dichloroethene
Concen: 9.227 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

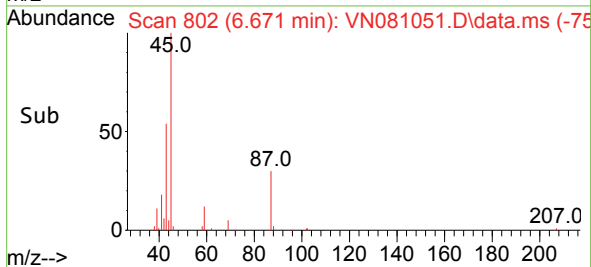
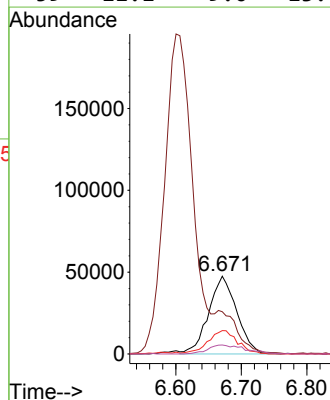
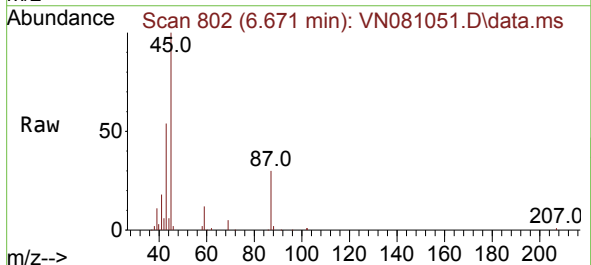
Instrument :
MSVOA_N
ClientSampleId :
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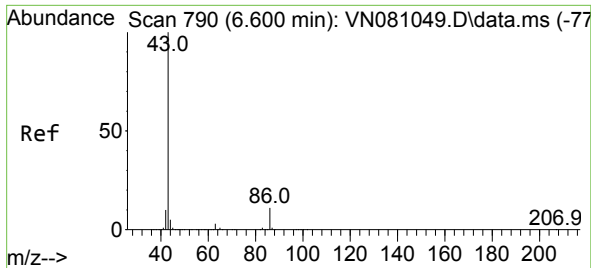
Tgt Ion: 96 Resp: 47387
Ion Ratio Lower Upper
96 100
61 128.1 112.8 169.2
98 61.2 51.0 76.4



#22
Diisopropyl ether
Concen: 9.134 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

Tgt Ion: 45 Resp: 141519
Ion Ratio Lower Upper
45 100
43 53.1 41.8 62.8
87 30.0 18.1 27.1#
59 11.1 9.0 13.6

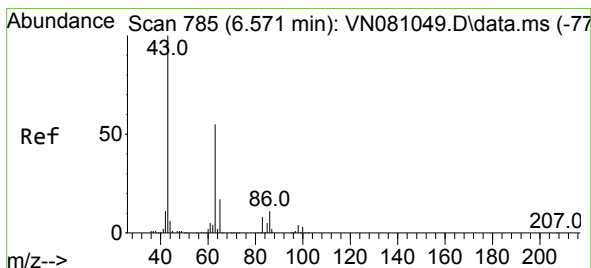
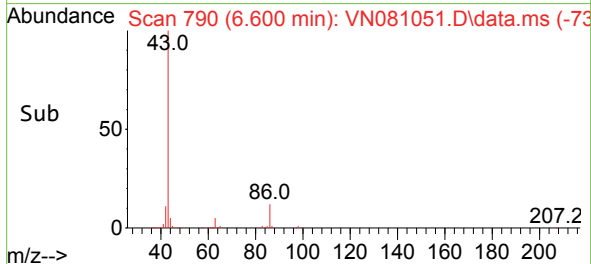
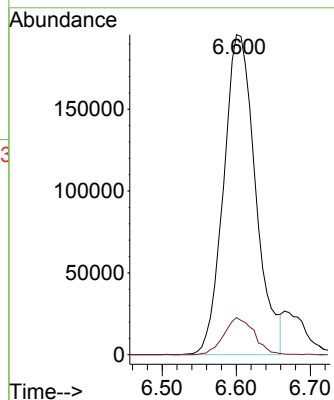
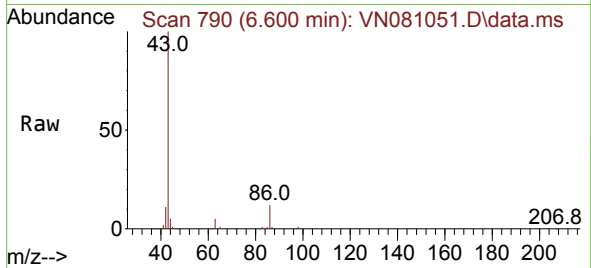




#23
 Vinyl Acetate
 Concen: 46.686 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081051.D
 Acq: 16 Feb 2024 12:54

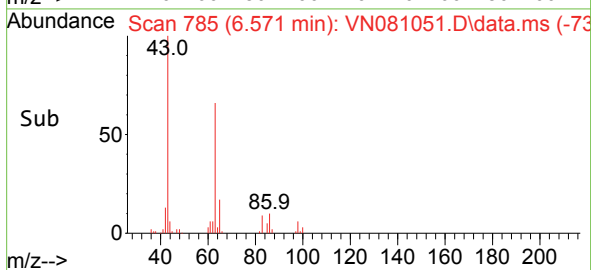
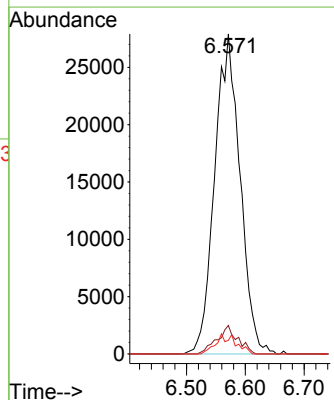
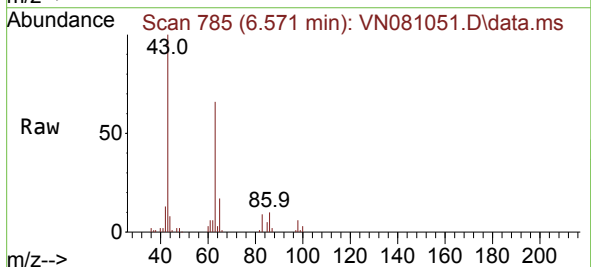
Instrument :
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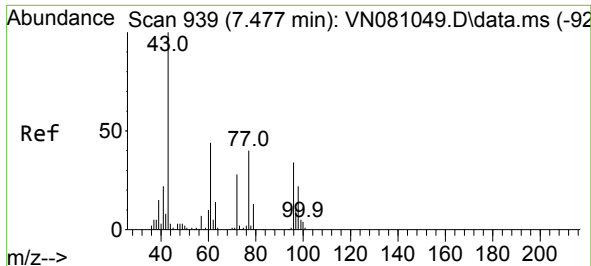
Tgt Ion: 43 Resp: 586852
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 9.334 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN081051.D
 Acq: 16 Feb 2024 12:54

Tgt Ion: 63 Resp: 83614
 Ion Ratio Lower Upper
 63 100
 98 8.9 2.9 8.6#
 100 4.3 1.9 5.7

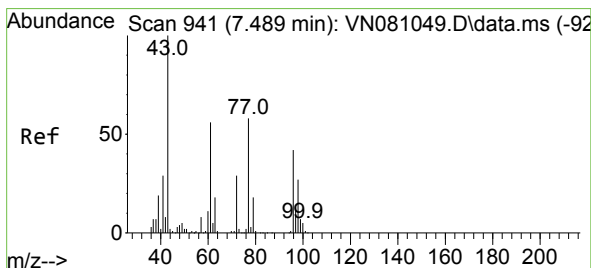
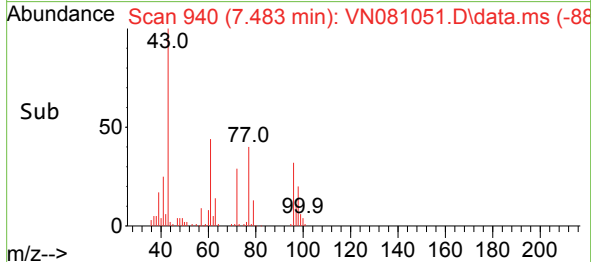
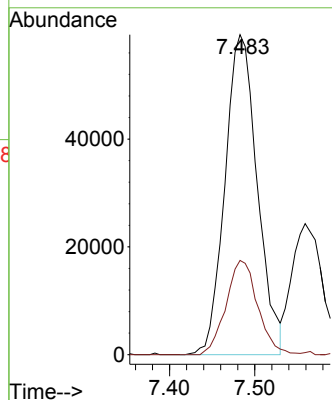
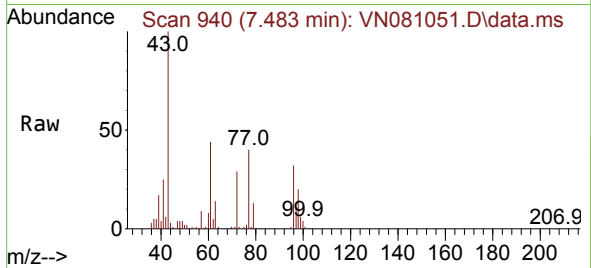




#25
2-Butanone
Concen: 49.369 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

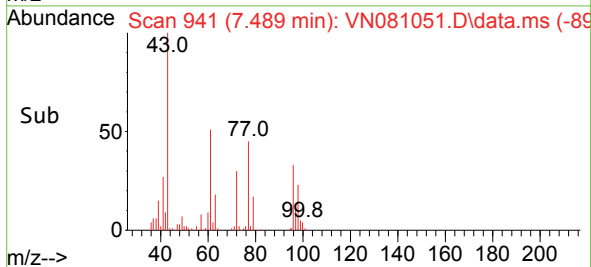
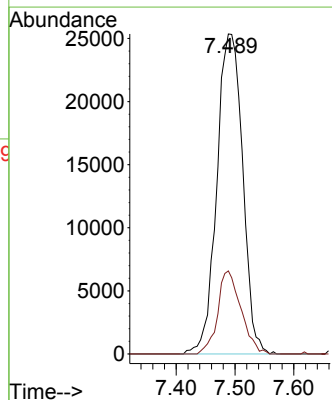
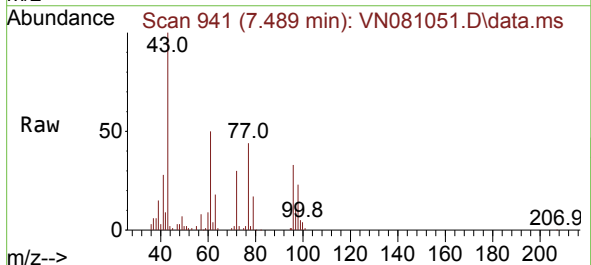
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

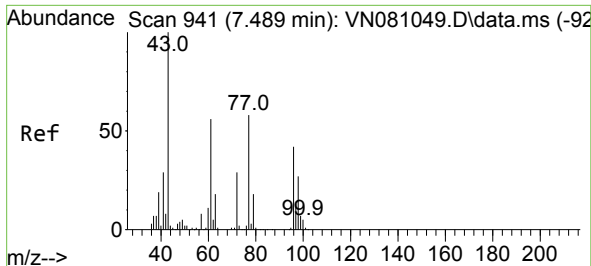
Tgt Ion: 43 Resp: 156570
Ion Ratio Lower Upper
43 100
72 29.5 19.5 29.3#



#26
2,2-Dichloropropane
Concen: 9.221 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

Tgt Ion: 77 Resp: 77400
Ion Ratio Lower Upper
77 100
97 23.4 11.5 34.5

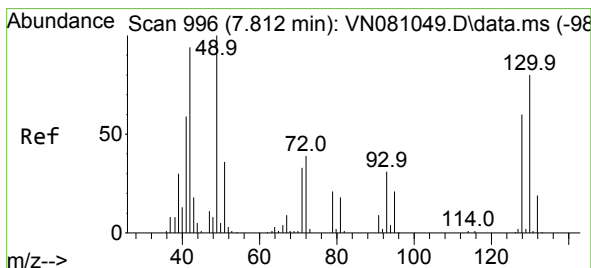
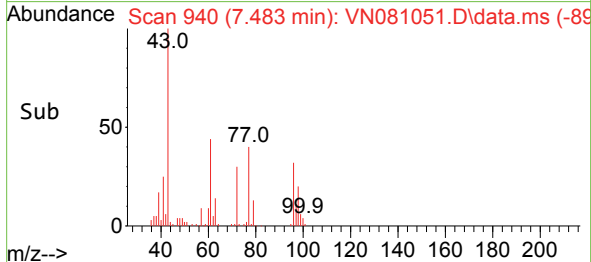
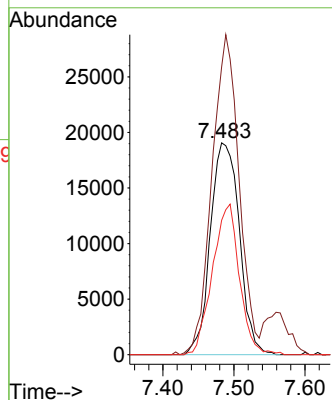
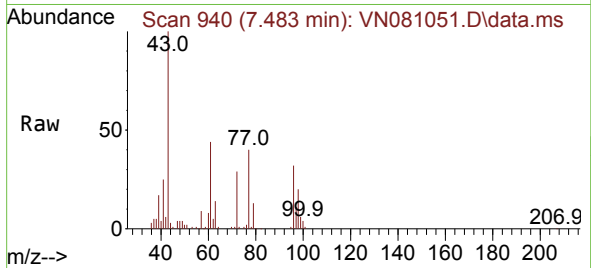




#27
 cis-1,2-Dichloroethene
 Concen: 9.062 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN081051.D
 Acq: 16 Feb 2024 12:54

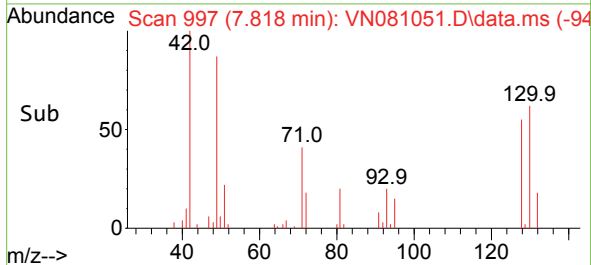
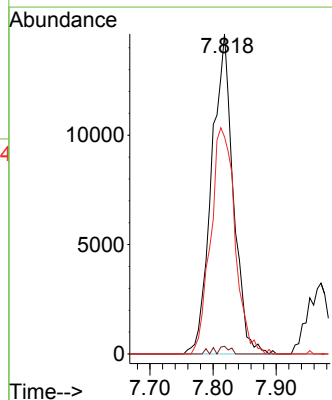
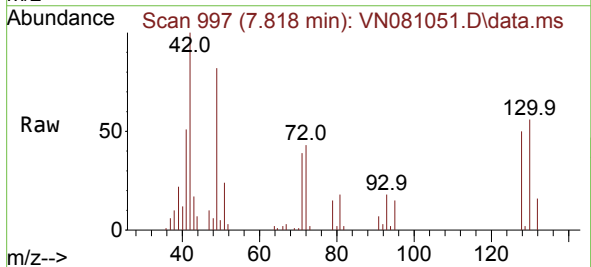
Instrument :
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 ClientSampleId :
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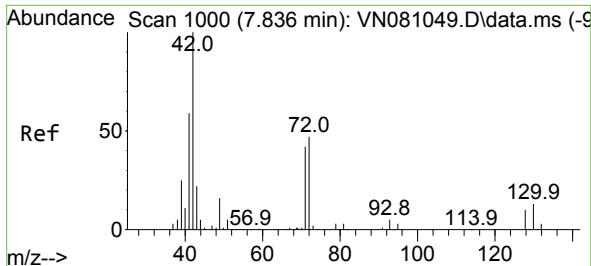
Tgt Ion: 96 Resp: 54072
 Ion Ratio Lower Upper
 96 100
 61 141.3 0.0 325.4
 98 66.1 0.0 130.4



#28
 Bromochloromethane
 Concen: 9.441 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN081051.D
 Acq: 16 Feb 2024 12:54

Tgt Ion: 49 Resp: 35061
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 1.6
 130 78.9 42.3 63.5#





#29

Tetrahydrofuran

Concen: 48.019 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN081051.D

Acq: 16 Feb 2024 12:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

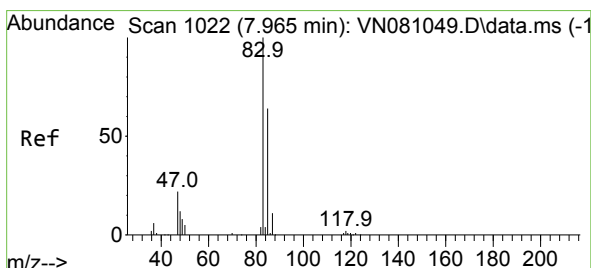
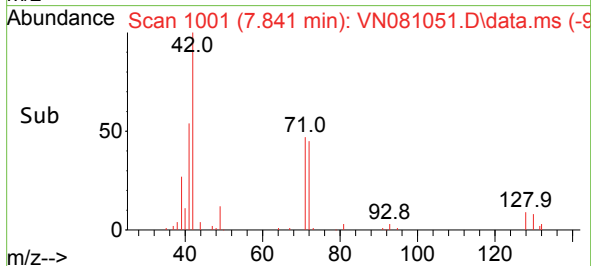
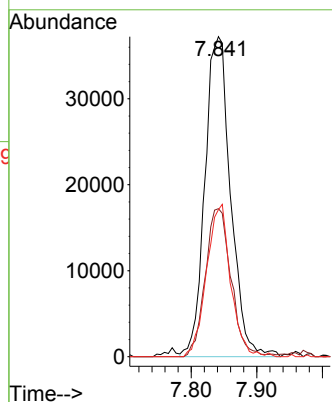
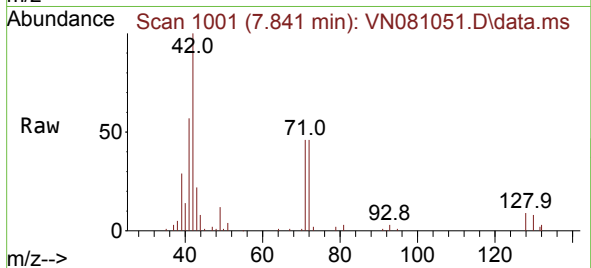
Tgt Ion: 42 Resp: 101660

Ion Ratio Lower Upper

42 100

72 46.4 31.1 46.7

71 44.3 28.3 42.5#



#30

Chloroform

Concen: 9.318 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN081051.D

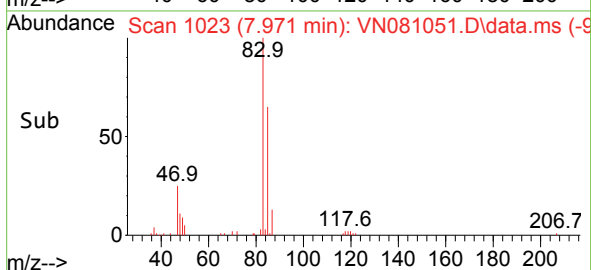
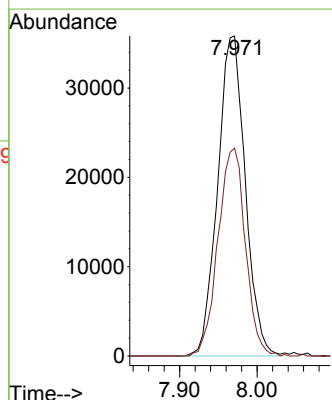
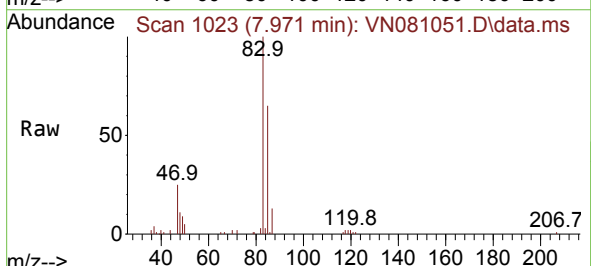
Acq: 16 Feb 2024 12:54

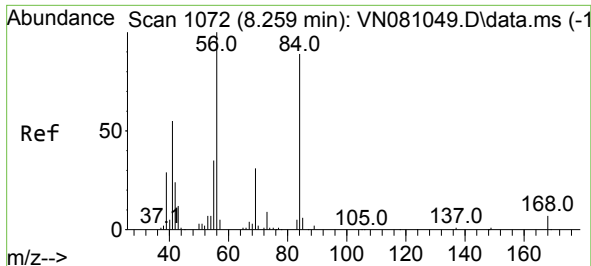
Tgt Ion: 83 Resp: 88736

Ion Ratio Lower Upper

83 100

85 65.0 51.0 76.6

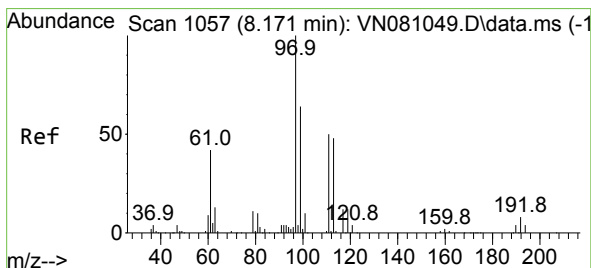
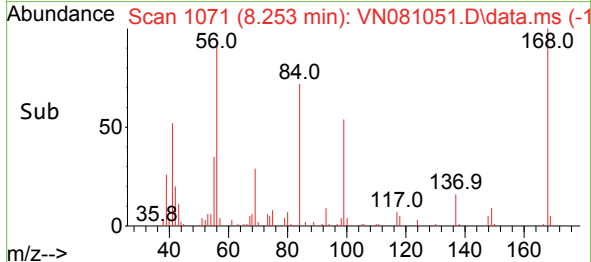
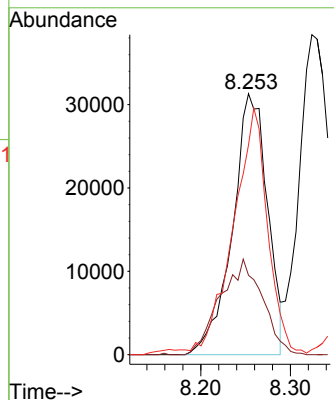
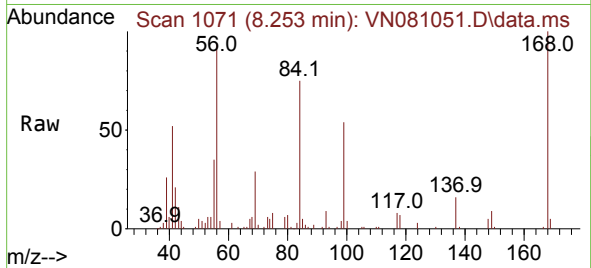




#31
Cyclohexane
Concen: 9.825 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

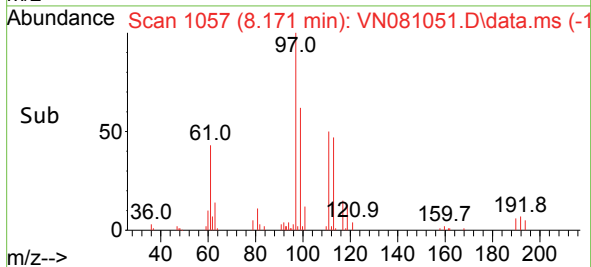
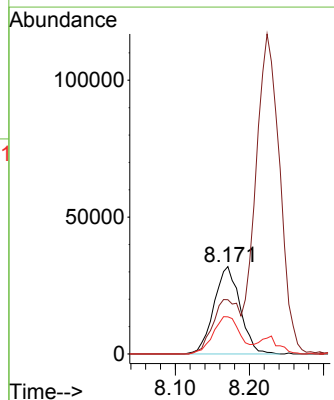
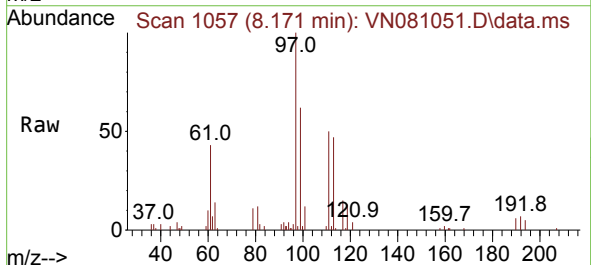
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

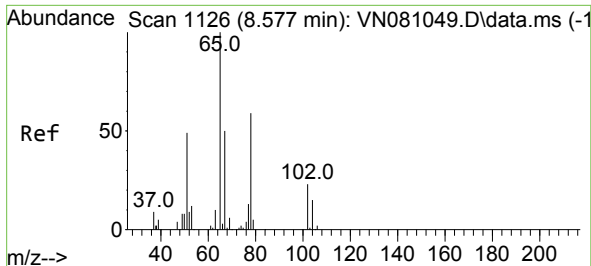
Tgt Ion: 56 Resp: 84642
Ion Ratio Lower Upper
56 100
69 30.4 20.1 30.1#
84 78.5 56.9 85.3



#32
1,1,1-Trichloroethane
Concen: 9.011 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

Tgt Ion: 97 Resp: 78151
Ion Ratio Lower Upper
97 100
99 62.7 53.4 80.0
61 43.4 43.8 65.8#

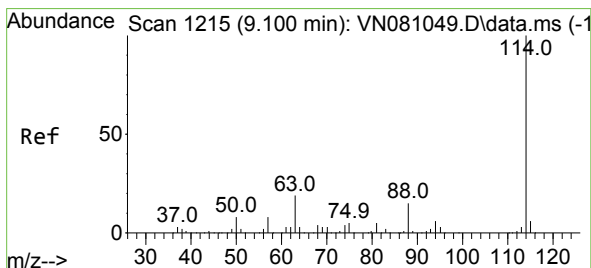
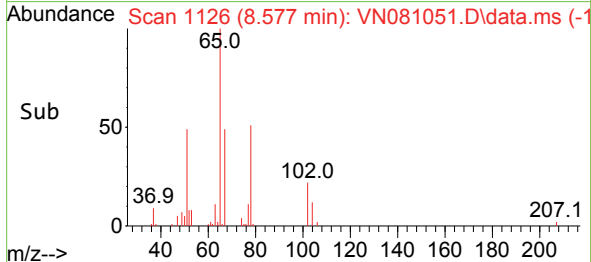
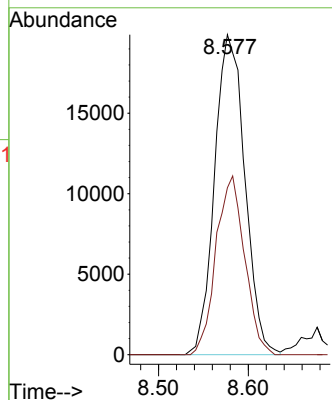
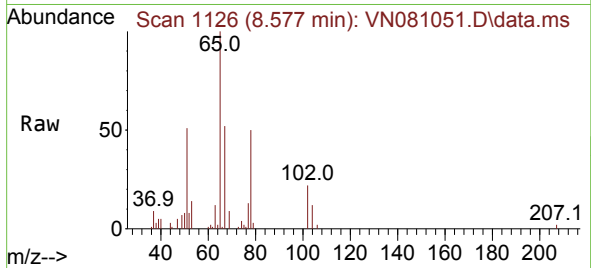




#33
1,2-Dichloroethane-d4
Concen: 9.345 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

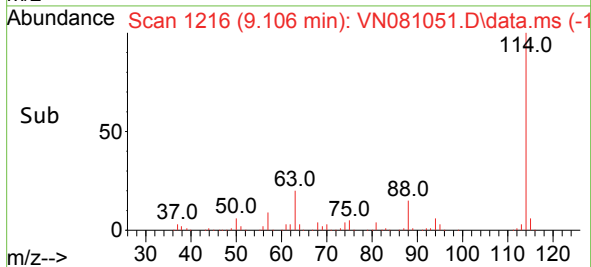
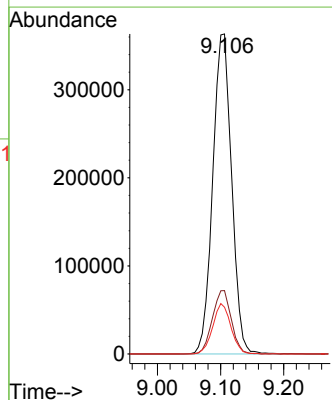
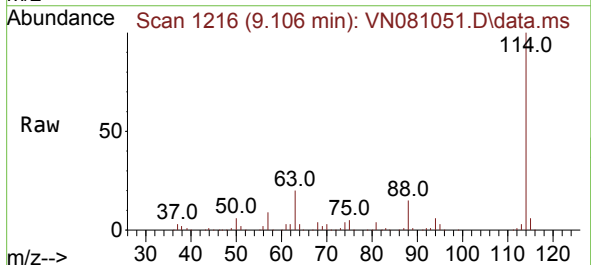
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

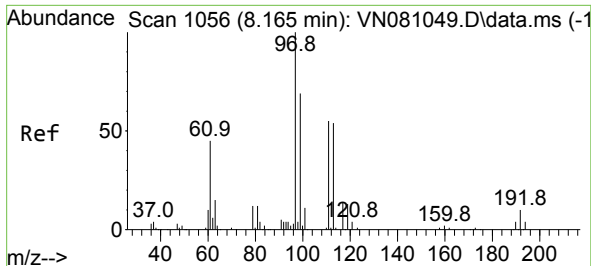
Tgt Ion: 65 Resp: 46621
Ion Ratio Lower Upper
65 100
67 52.8 0.0 102.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

Tgt Ion: 114 Resp: 754742
Ion Ratio Lower Upper
114 100
63 19.8 0.0 48.0
88 14.6 0.0 34.8

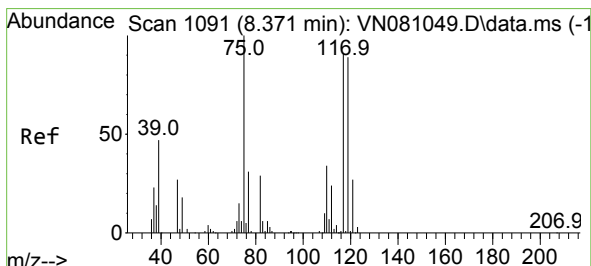
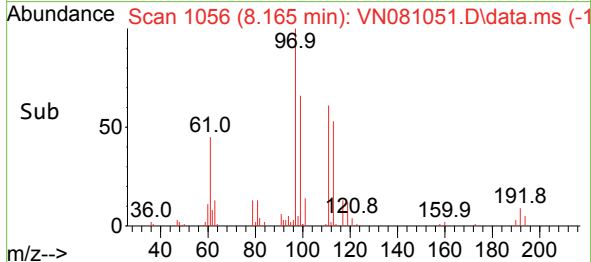
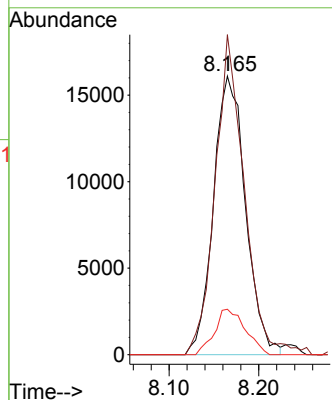
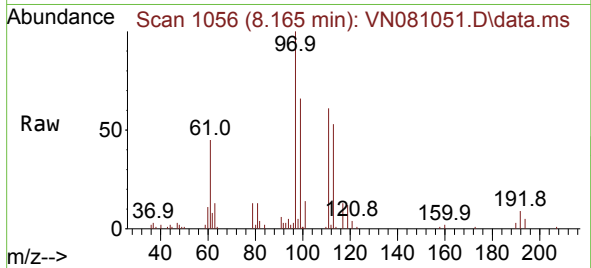




#35
Dibromofluoromethane
Concen: 9.363 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

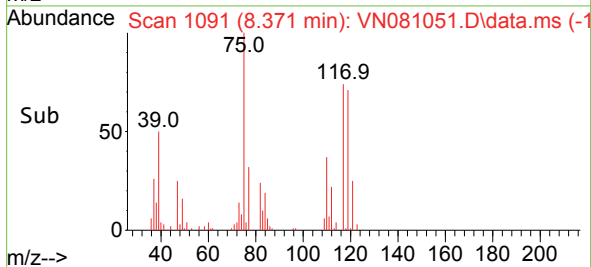
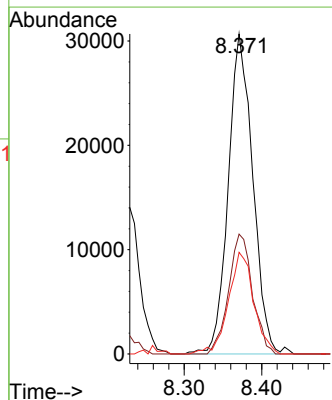
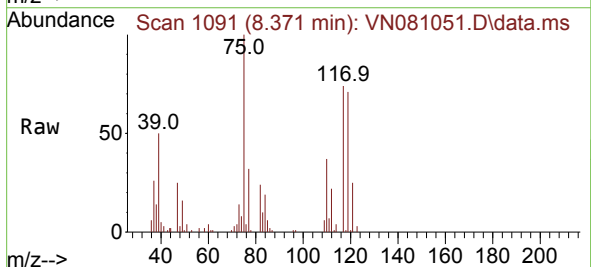
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

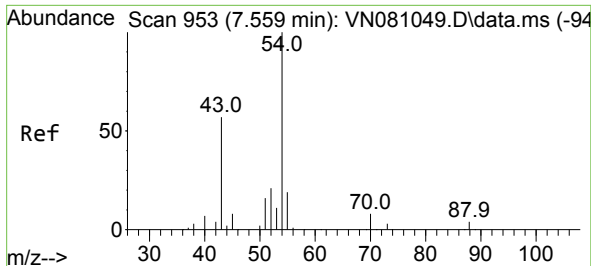
Tgt Ion:113 Resp: 39958
Ion Ratio Lower Upper
113 100
111 104.4 82.2 123.4
192 15.7 12.5 18.7



#36
1,1-Dichloropropene
Concen: 9.206 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

Tgt Ion: 75 Resp: 67314
Ion Ratio Lower Upper
75 100
110 36.5 16.0 48.0
77 32.9 25.8 38.6

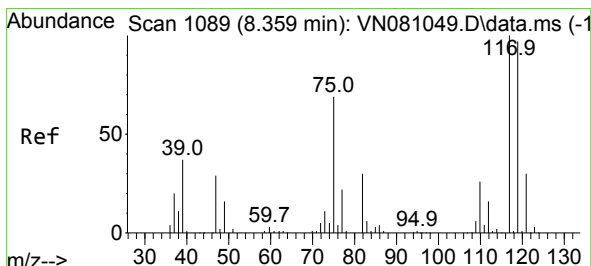
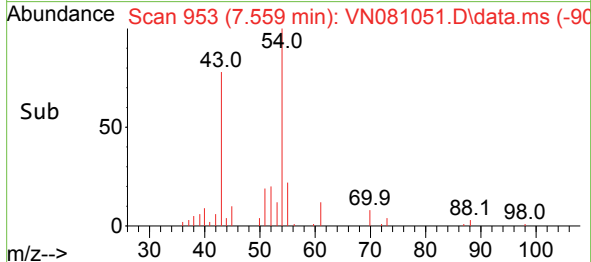
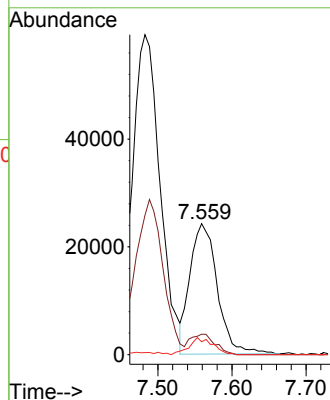
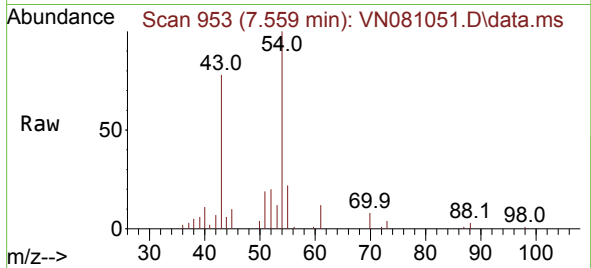




#37
Ethyl Acetate
Concen: 9.443 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

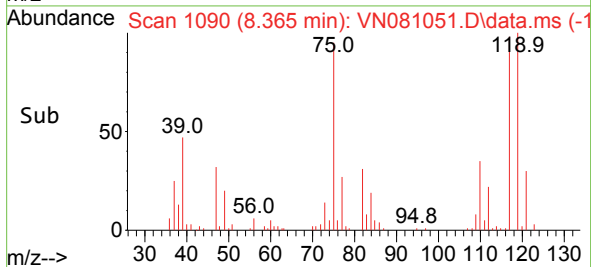
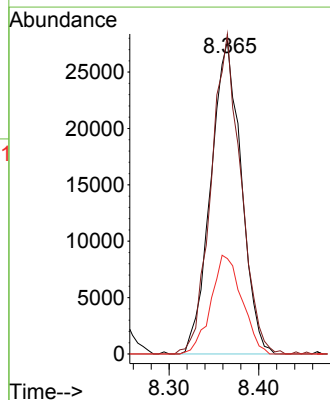
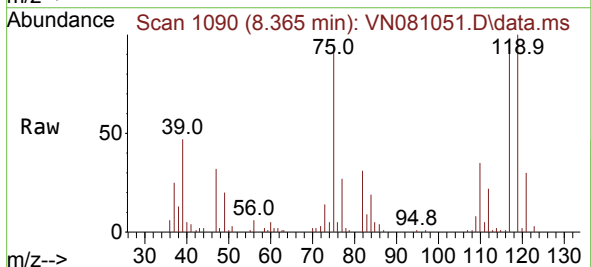
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 62316
Ion Ratio Lower Upper
43 100
61 14.3 10.6 15.8
70 11.2 8.0 12.0



#38
Carbon Tetrachloride
Concen: 8.844 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

Tgt Ion: 117 Resp: 65426
Ion Ratio Lower Upper
117 100
119 101.4 73.4 110.2
121 30.5 24.4 36.6





#39

Methylcyclohexane

Concen: 9.033 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN081051.D

Acq: 16 Feb 2024 12:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

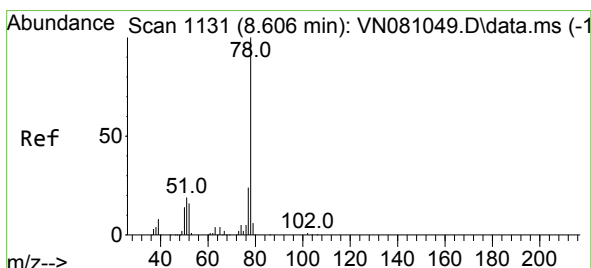
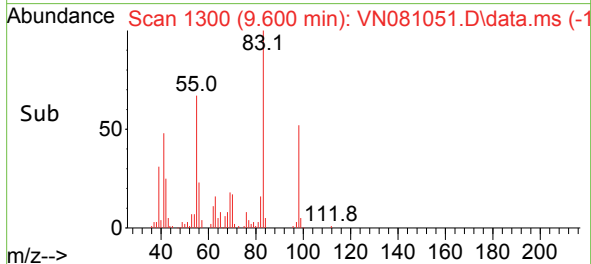
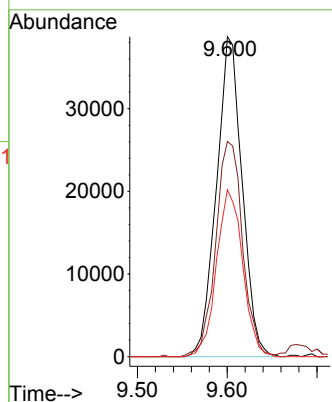
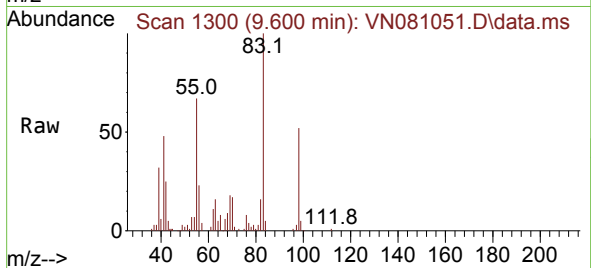
Tgt Ion: 83 Resp: 76989

Ion Ratio Lower Upper

83 100

55 67.3 65.7 98.5

98 52.2 33.8 50.6#



#40

Benzene

Concen: 9.047 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VN081051.D

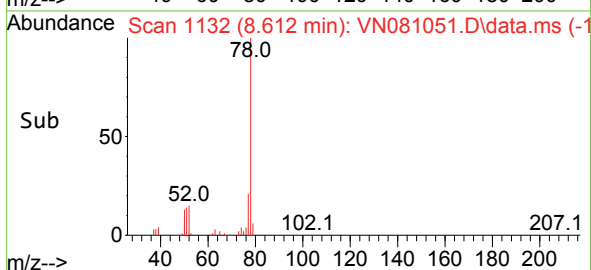
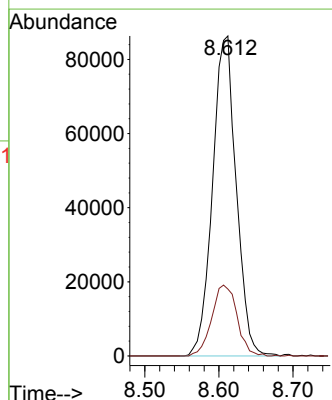
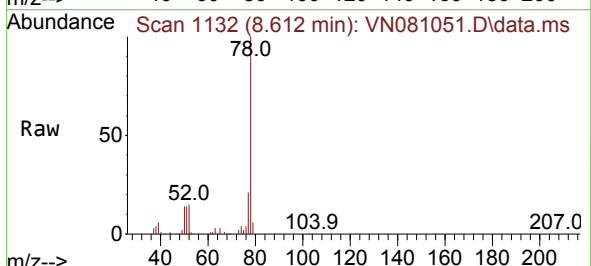
Acq: 16 Feb 2024 12:54

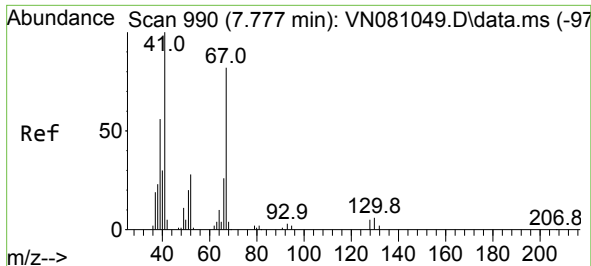
Tgt Ion: 78 Resp: 191477

Ion Ratio Lower Upper

78 100

77 20.9 20.4 30.6

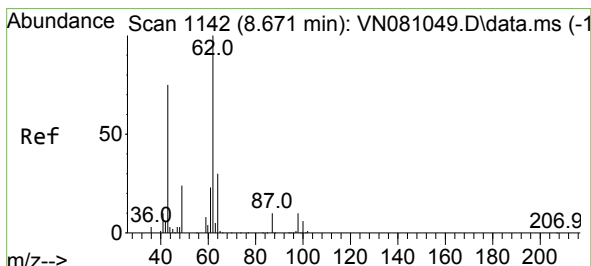
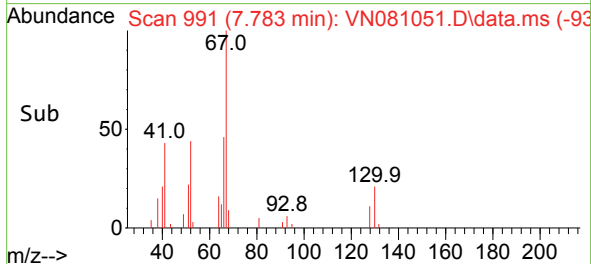
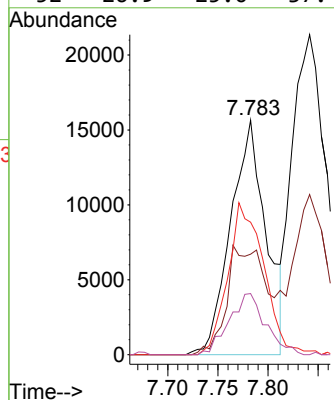
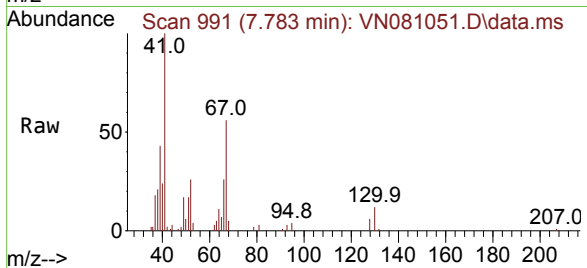




#41
Methacrylonitrile
Concen: 10.186 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

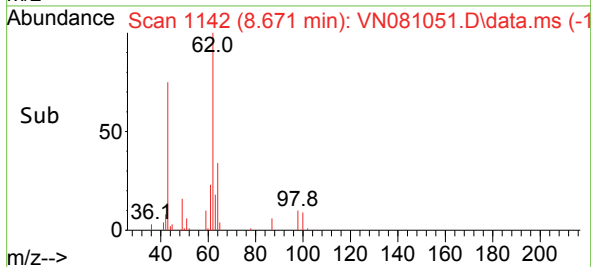
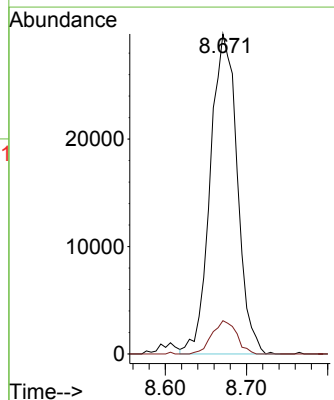
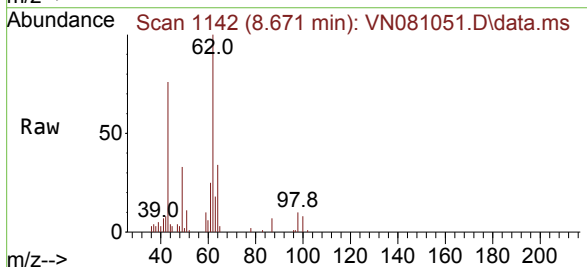
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

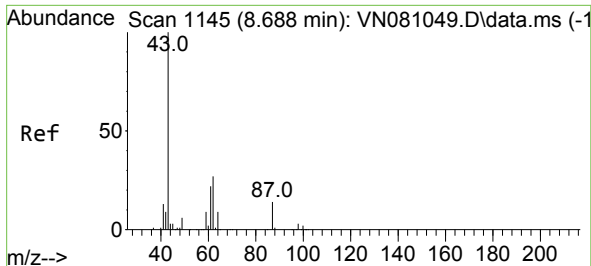
Tgt Ion: 41	Resp: 38254
Ion Ratio	Lower Upper
41 100	
39 50.8	48.4 72.6
67 66.4	56.8 85.2
52 26.9	25.0 37.4



#42
1,2-Dichloroethane
Concen: 9.303 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

Tgt Ion: 62	Resp: 68687
Ion Ratio	Lower Upper
62 100	
98 9.5	0.0 18.0

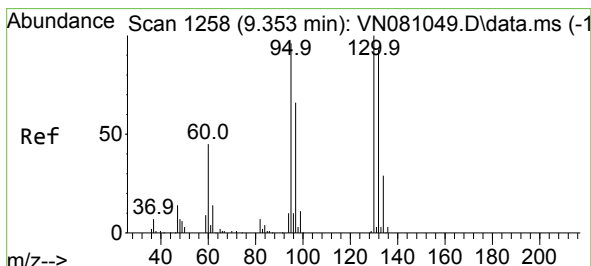
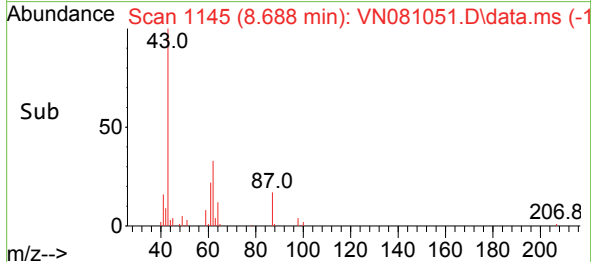
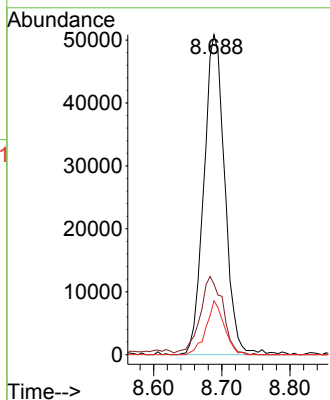
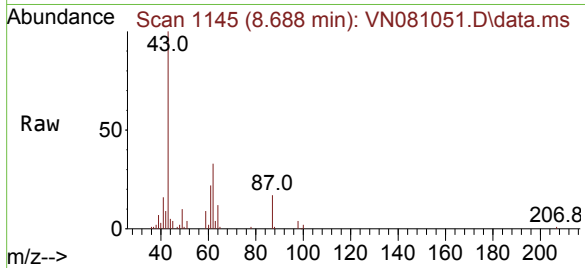




#43
Isopropyl Acetate
Concen: 9.386 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

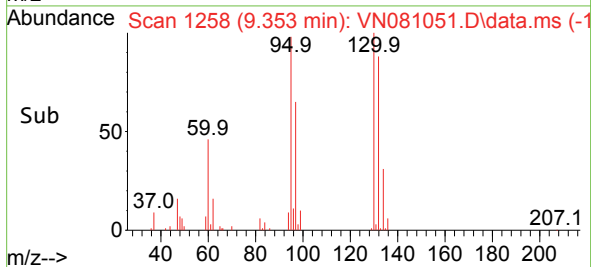
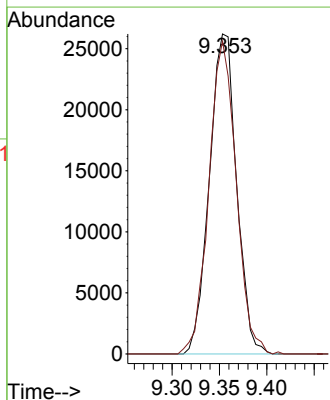
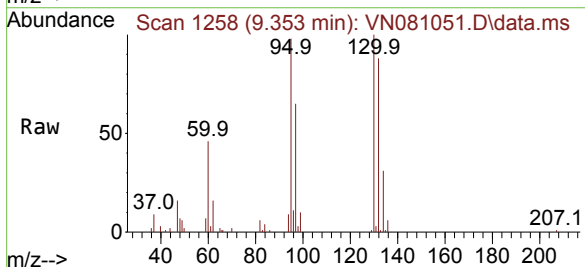
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

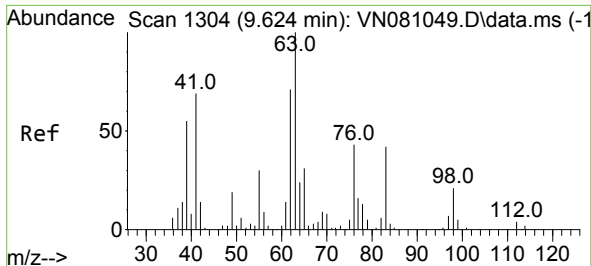
Tgt Ion: 43 Resp: 108325
Ion Ratio Lower Upper
43 100
61 26.9 19.9 29.9
87 14.6 9.0 13.6#



#44
Trichloroethene
Concen: 9.300 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

Tgt Ion:130 Resp: 52422
Ion Ratio Lower Upper
130 100
95 97.7 0.0 210.4





#45

1,2-Dichloropropane

Concen: 9.233 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN081051.D

Acq: 16 Feb 2024 12:54

Instrument :

MSVOA_N

ClientSampleId :

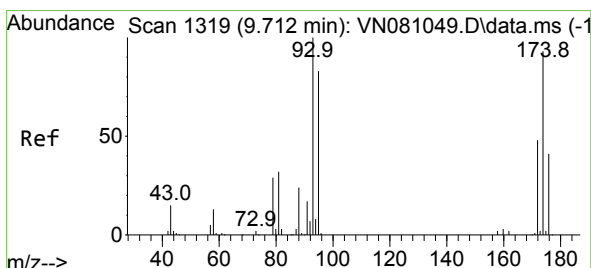
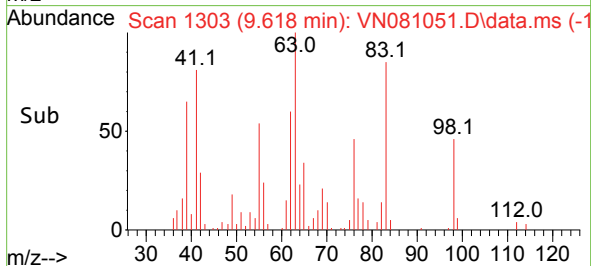
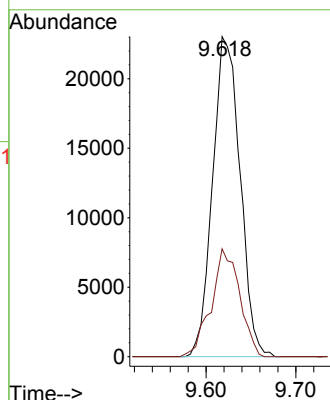
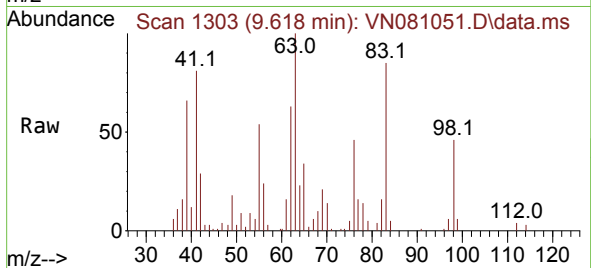
VSTDIC010

Tgt Ion: 63 Resp: 48882

Ion Ratio Lower Upper

63 100

65 33.7 26.1 39.1



#46

Dibromomethane

Concen: 9.214 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN081051.D

Acq: 16 Feb 2024 12:54

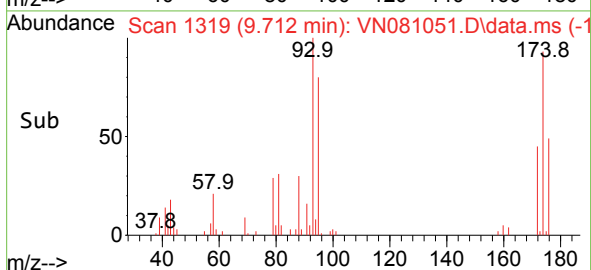
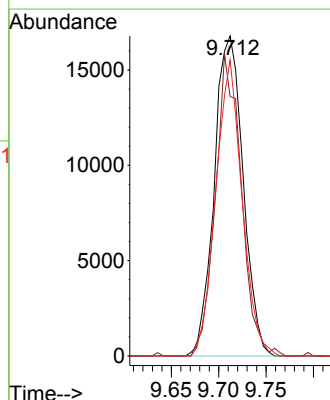
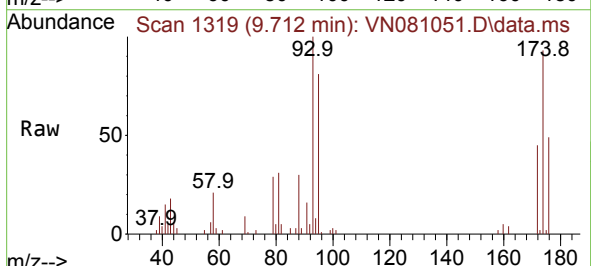
Tgt Ion: 93 Resp: 35541

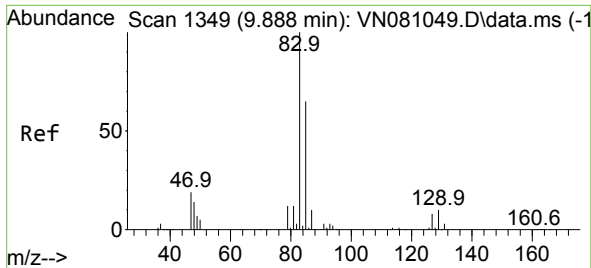
Ion Ratio Lower Upper

93 100

95 84.8 68.1 102.1

174 84.5 57.2 85.8

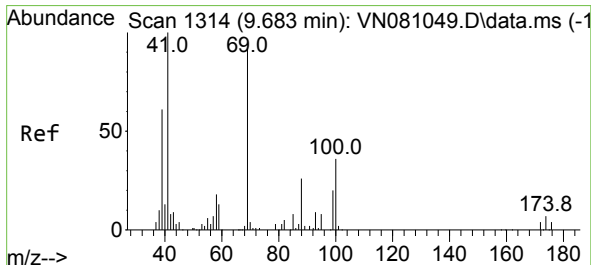
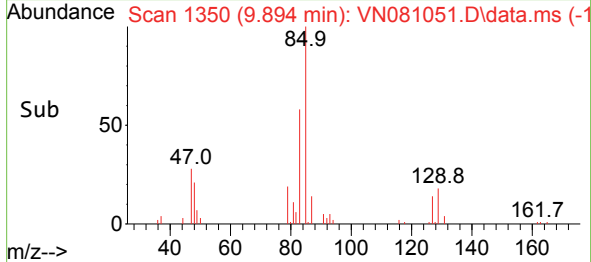
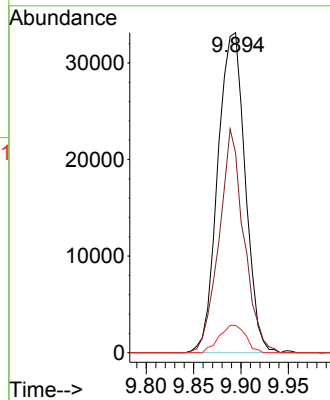
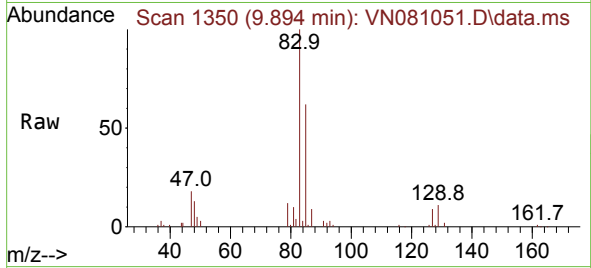




#47
Bromodichloromethane
Concen: 9.123 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

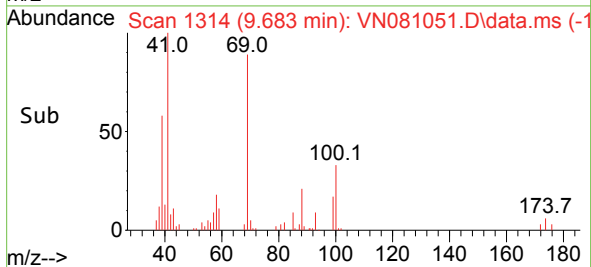
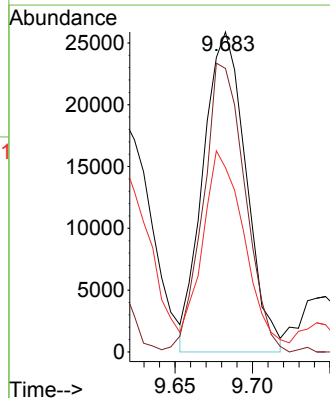
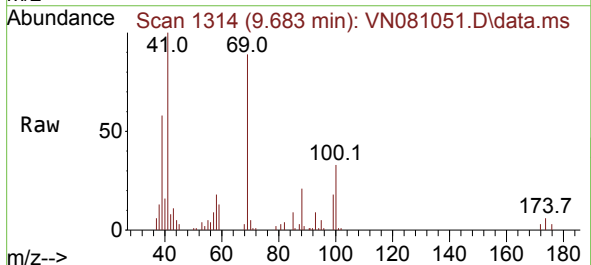
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

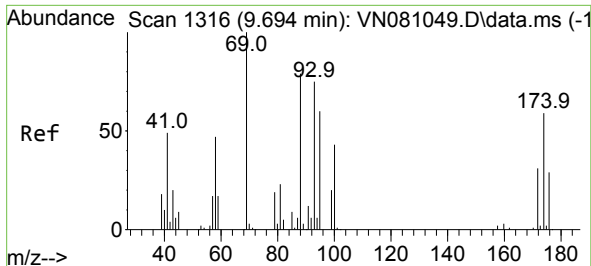
Tgt Ion: 83 Resp: 66646
Ion Ratio Lower Upper
83 100
85 62.5 52.3 78.5
127 8.6 4.6 7.0#



#48
Methyl methacrylate
Concen: 9.256 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

Tgt Ion: 41 Resp: 49704
Ion Ratio Lower Upper
41 100
69 88.3 62.2 93.2
39 62.3 47.6 71.4





#49

1,4-Dioxane

Concen: 176.803 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081051.D

Acq: 16 Feb 2024 12:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

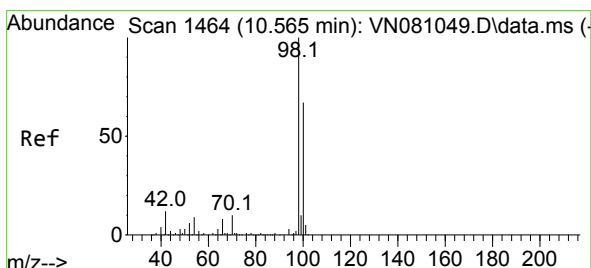
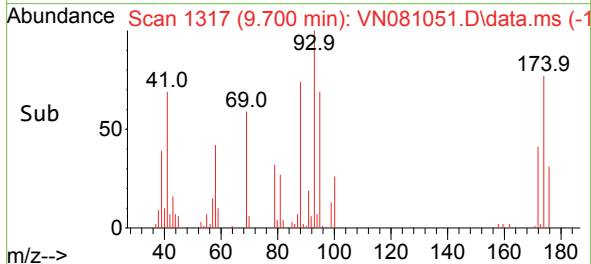
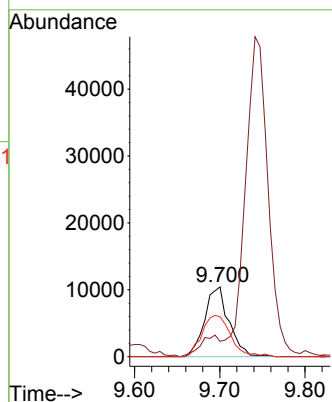
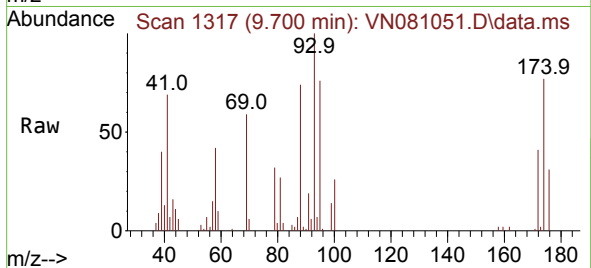
Tgt Ion: 88 Resp: 20720

Ion Ratio Lower Upper

88 100

43 24.5 30.1 45.1#

58 69.4 63.9 95.9



#50

Toluene-d8

Concen: 9.286 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081051.D

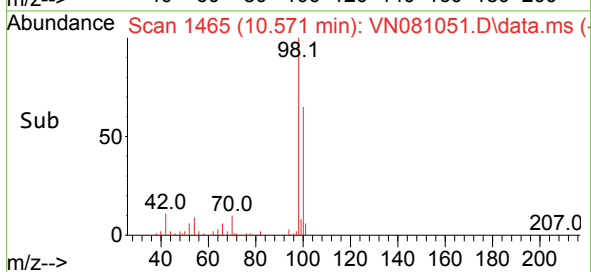
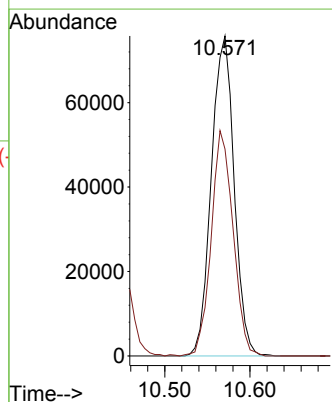
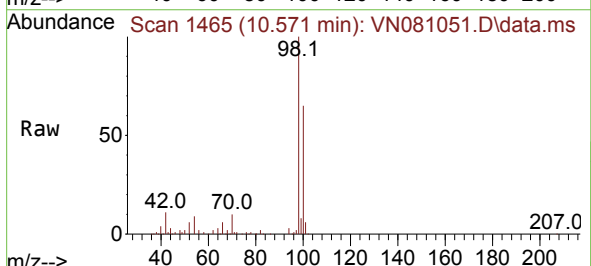
Acq: 16 Feb 2024 12:54

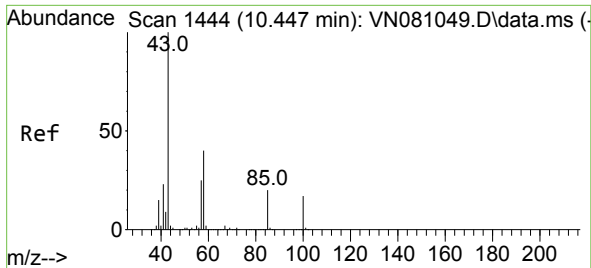
Tgt Ion: 98 Resp: 140754

Ion Ratio Lower Upper

98 100

100 67.7 51.4 77.0

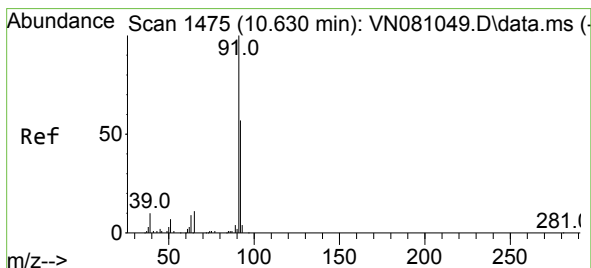
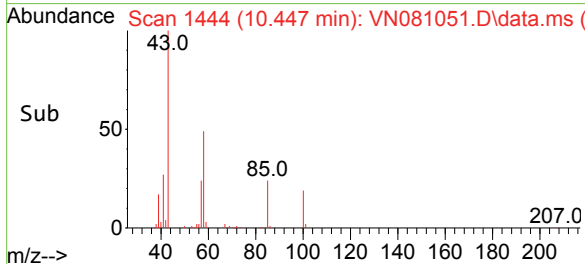
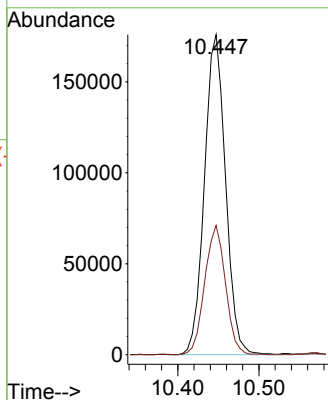
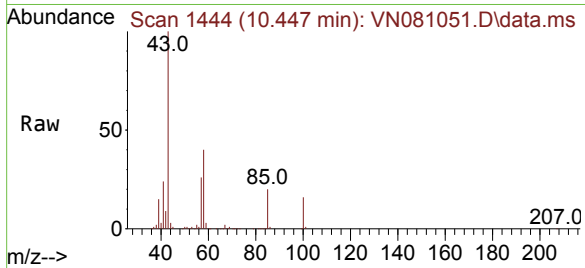




#51
4-Methyl-2-Pentanone
Concen: 47.788 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

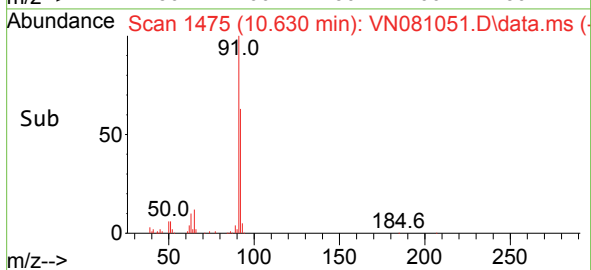
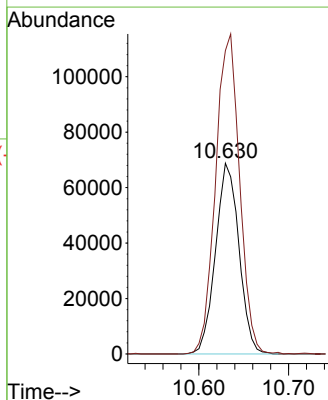
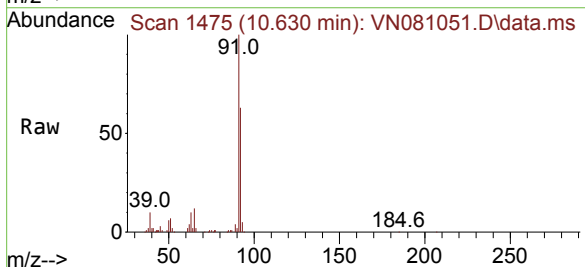
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

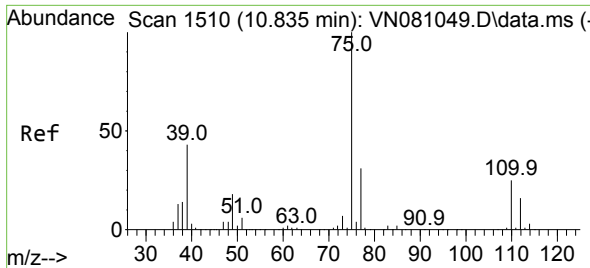
Tgt Ion: 43 Resp: 317266
Ion Ratio Lower Upper
43 100
58 39.7 29.4 44.0



#52
Toluene
Concen: 9.308 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

Tgt Ion: 92 Resp: 124704
Ion Ratio Lower Upper
92 100
91 171.8 139.4 209.0

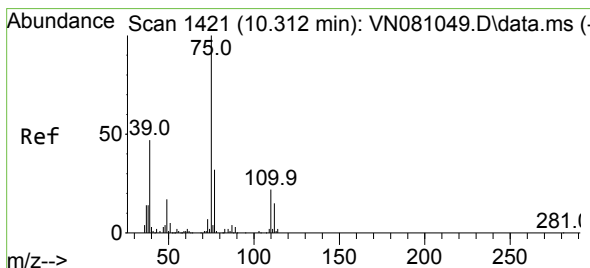
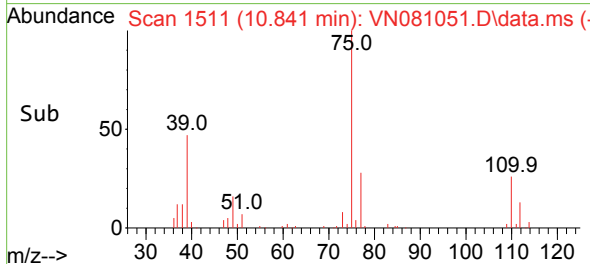
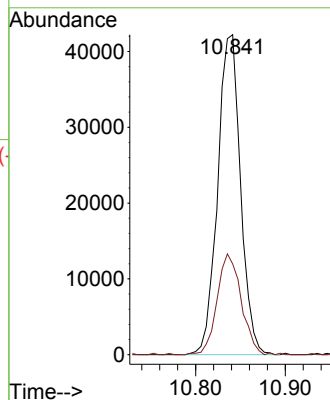
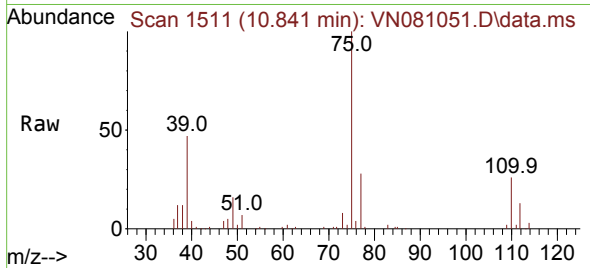




#53
t-1,3-Dichloropropene
Concen: 9.207 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

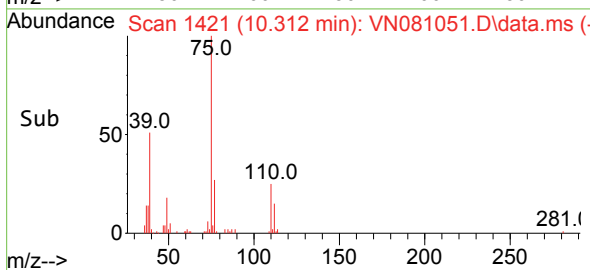
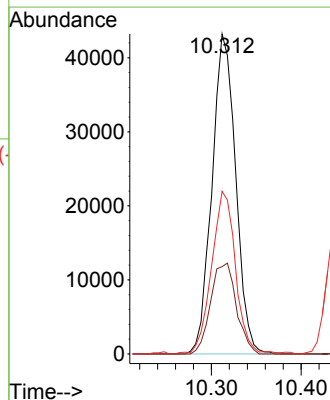
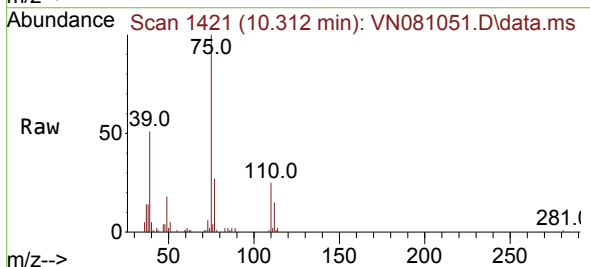
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

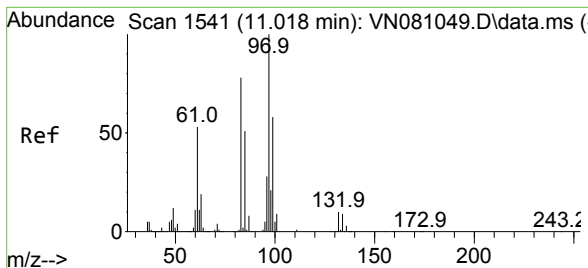
Tgt Ion: 75 Resp: 74743
Ion Ratio Lower Upper
75 100
77 28.4 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 9.027 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

Tgt Ion: 75 Resp: 79177
Ion Ratio Lower Upper
75 100
77 27.3 23.3 34.9
39 50.4 44.6 66.8

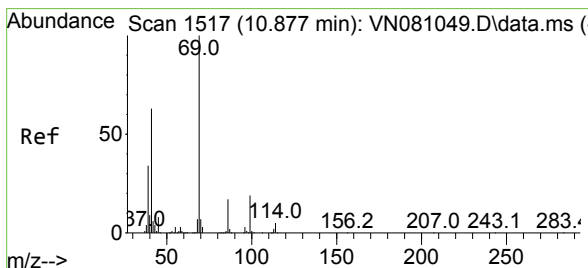
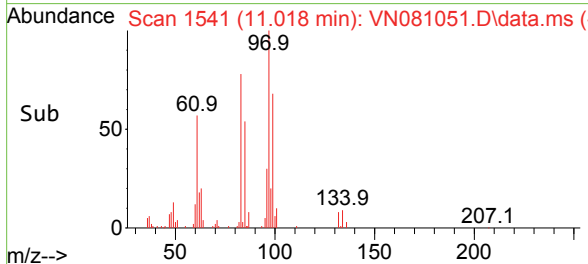
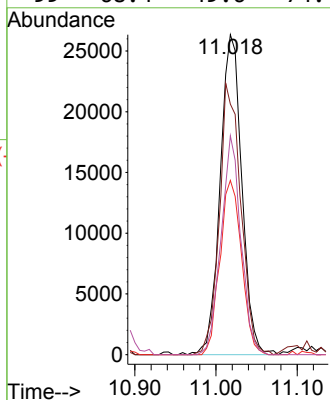
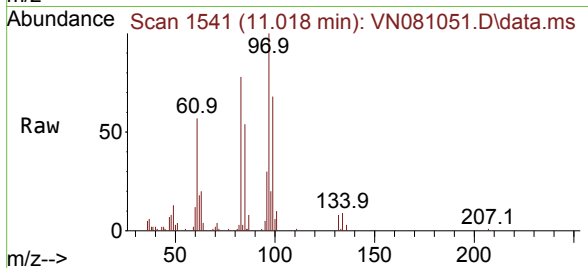




#55
 1,1,2-Trichloroethane
 Concen: 9.496 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN081051.D
 Acq: 16 Feb 2024 12:54

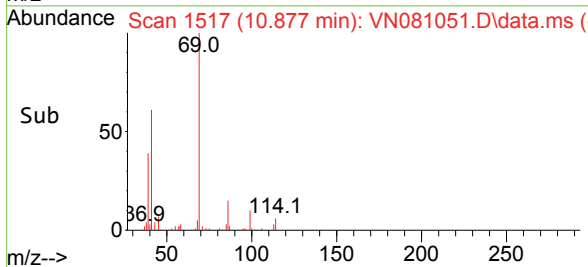
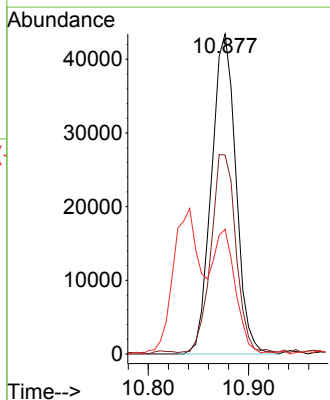
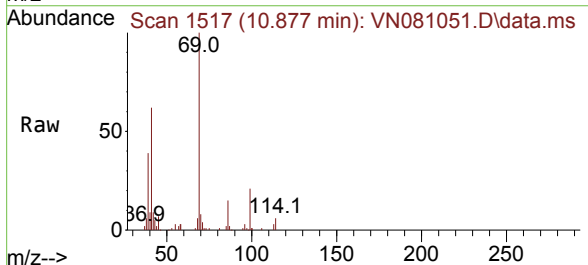
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion:	97	Resp:	48933
Ion	Ratio	Lower	Upper
97	100		
83	78.3	72.9	109.3
85	54.4	50.2	75.2
99	68.4	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 9.331 ug/l
 RT: 10.877 min Scan# 1517
 Delta R.T. 0.000 min
 Lab File: VN081051.D
 Acq: 16 Feb 2024 12:54

Tgt Ion:	69	Resp:	73488
Ion	Ratio	Lower	Upper
69	100		
41	63.0	61.0	91.6
39	35.2	31.8	47.6





#57

1,3-Dichloropropane

Concen: 9.240 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN081051.D

Acq: 16 Feb 2024 12:54

Instrument :

MSVOA_N

ClientSampleId :

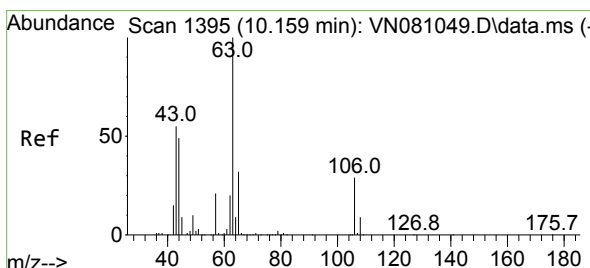
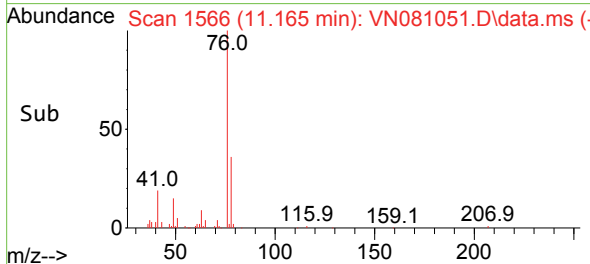
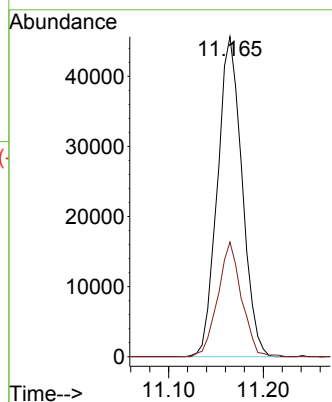
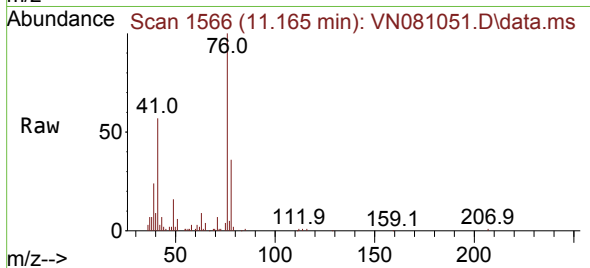
VSTDIC010

Tgt Ion: 76 Resp: 82327

Ion Ratio Lower Upper

76 100

78 34.6 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 47.692 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN081051.D

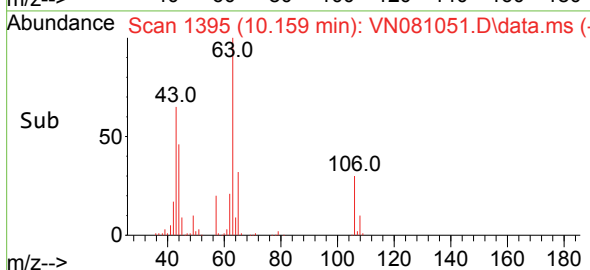
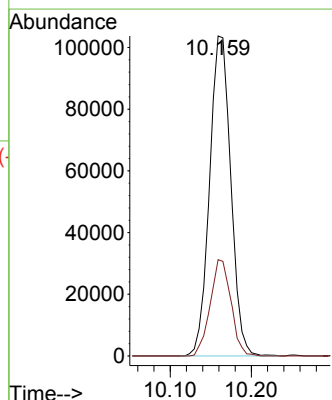
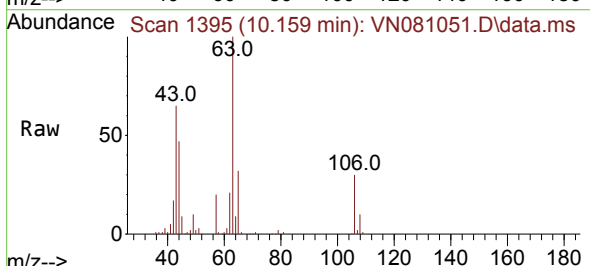
Acq: 16 Feb 2024 12:54

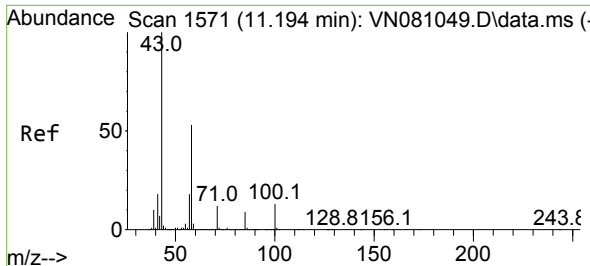
Tgt Ion: 63 Resp: 188460

Ion Ratio Lower Upper

63 100

106 29.4 18.6 28.0#

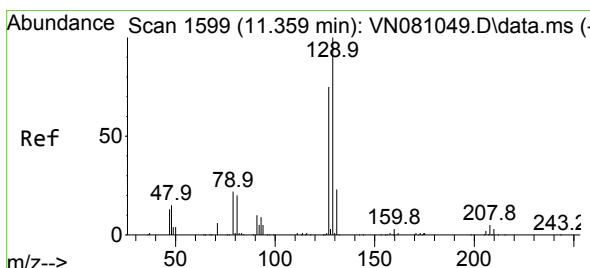
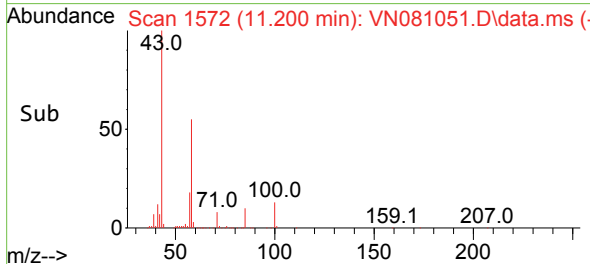
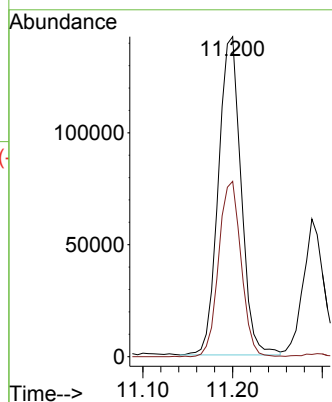
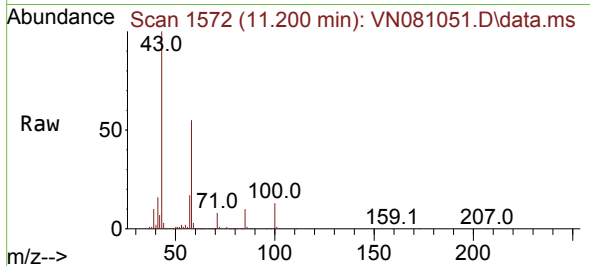




#59
2-Hexanone
Concen: 47.406 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

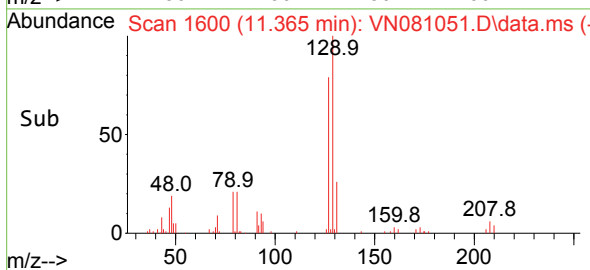
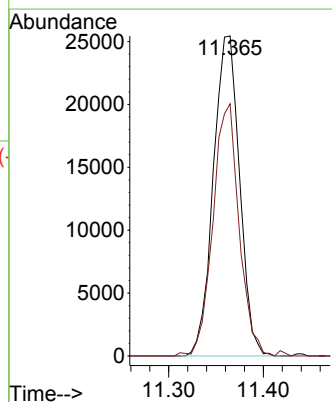
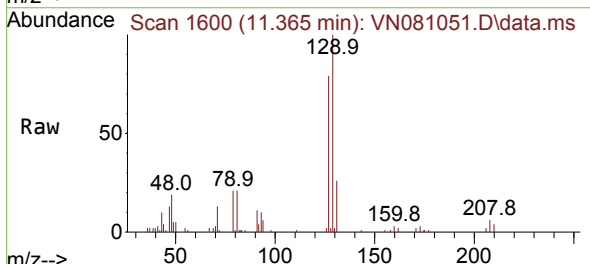
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

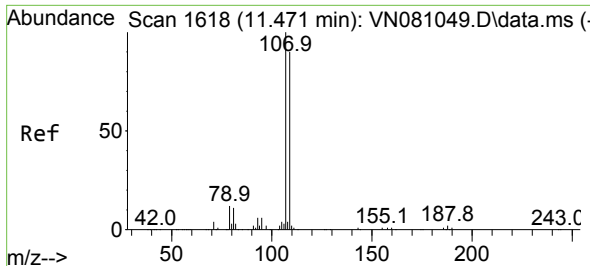
Tgt Ion: 43 Resp: 249517
Ion Ratio Lower Upper
43 100
58 54.5 25.9 77.8



#60
Dibromochloromethane
Concen: 8.963 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

Tgt Ion: 129 Resp: 49065
Ion Ratio Lower Upper
129 100
127 78.3 39.4 118.2

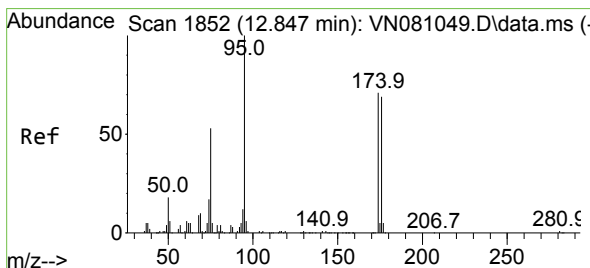
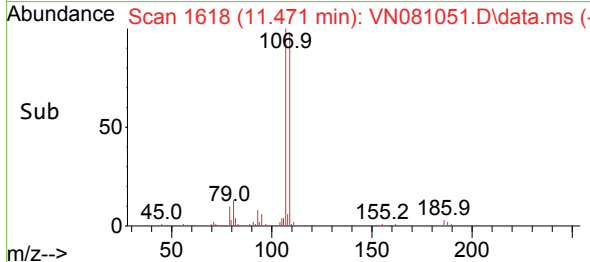
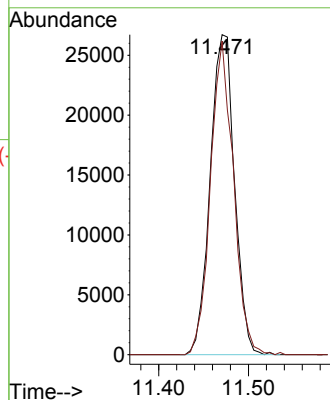
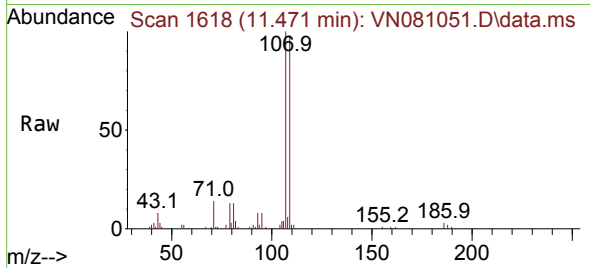




#61
1,2-Dibromoethane
Concen: 9.308 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

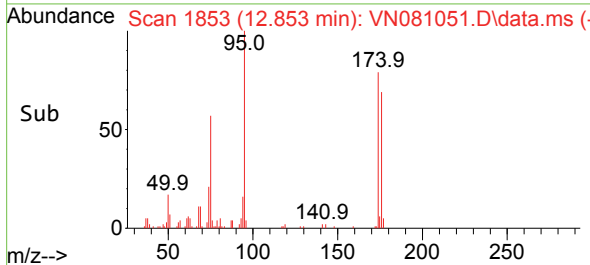
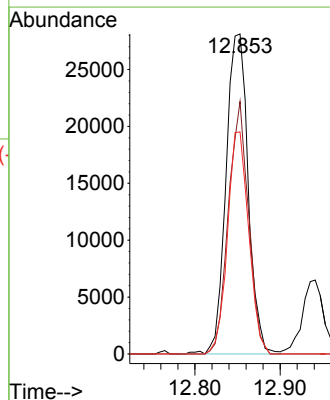
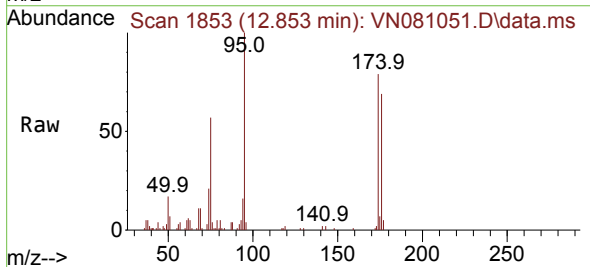
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

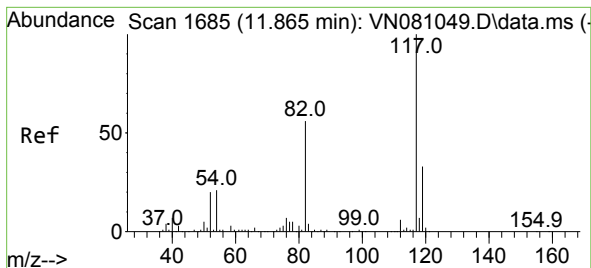
Tgt Ion:107 Resp: 50438
Ion Ratio Lower Upper
107 100
109 92.3 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 8.908 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

Tgt Ion: 95 Resp: 50737
Ion Ratio Lower Upper
95 100
174 71.8 0.0 120.4
176 66.4 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081051.D

Acq: 16 Feb 2024 12:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

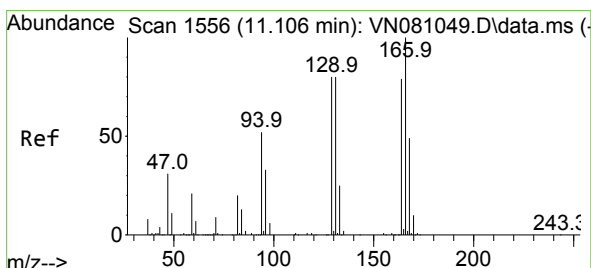
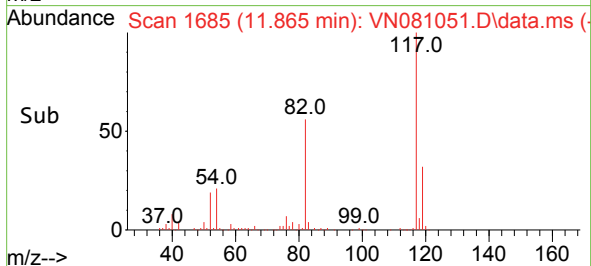
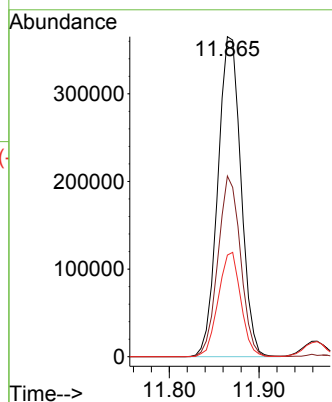
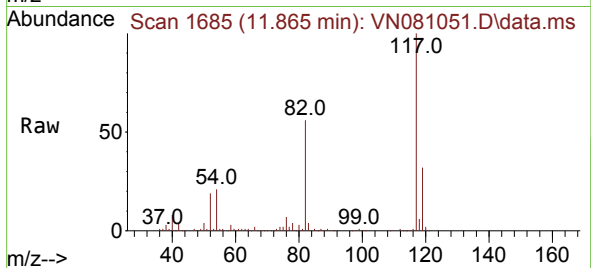
Tgt Ion:117 Resp: 653468

Ion Ratio Lower Upper

117 100

82 56.4 52.7 79.1

119 31.8 25.3 37.9



#64

Tetrachloroethene

Concen: 9.938 ug/l

RT: 11.112 min Scan# 1557

Delta R.T. 0.006 min

Lab File: VN081051.D

Acq: 16 Feb 2024 12:54

Tgt Ion:164 Resp: 44325

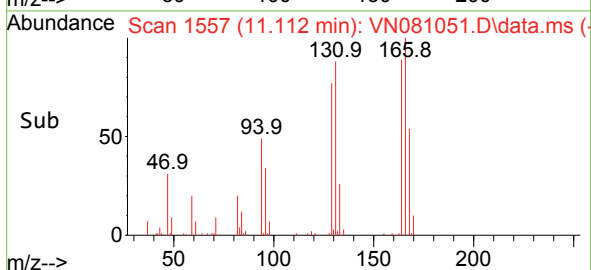
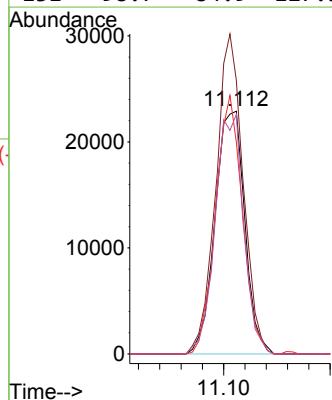
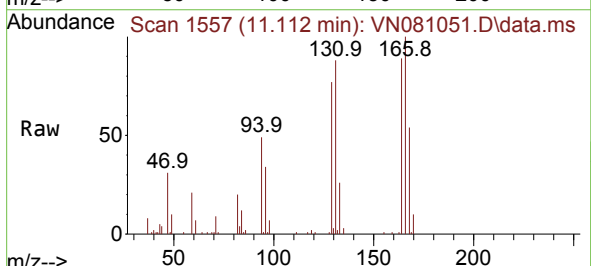
Ion Ratio Lower Upper

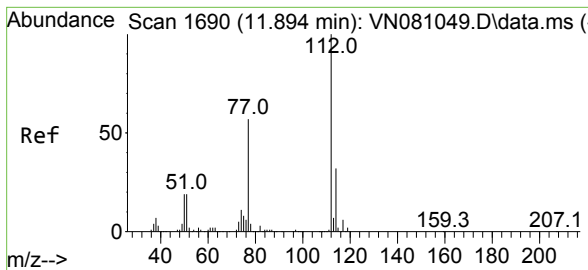
164 100

166 112.7 105.8 158.6

129 87.2 89.6 134.4#

131 98.7 84.9 127.3

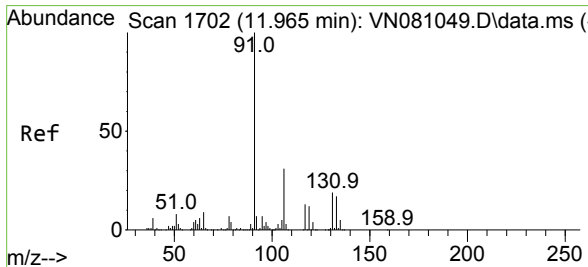
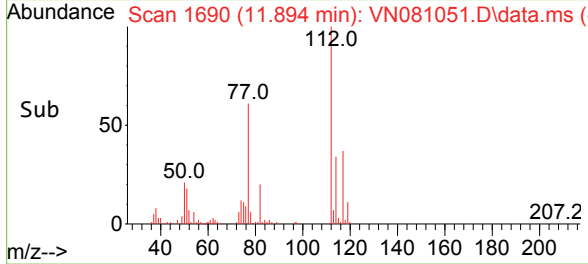
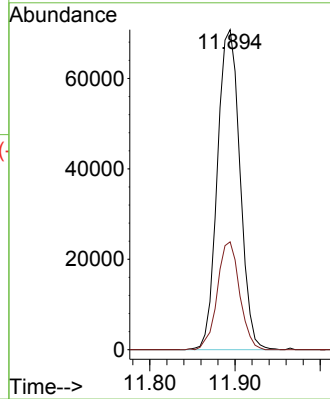
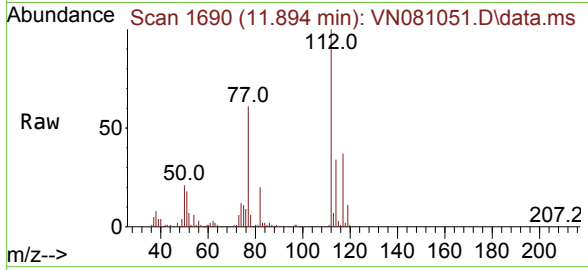




#65
Chlorobenzene
Concen: 9.210 ug/l
RT: 11.894 min Scan# 1189
Delta R.T. 0.000 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

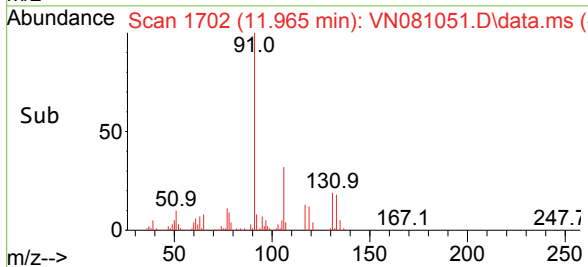
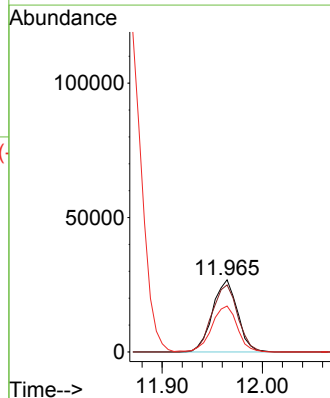
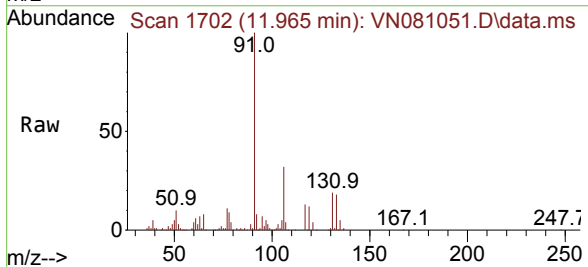
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

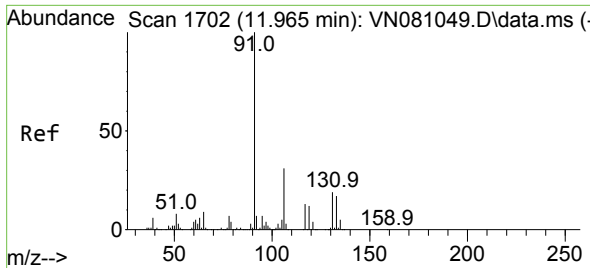
Tgt Ion:112 Resp: 130257
Ion Ratio Lower Upper
112 100
114 33.7 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 9.125 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

Tgt Ion:131 Resp: 46356
Ion Ratio Lower Upper
131 100
133 96.7 46.8 140.3
119 65.1 34.6 103.9

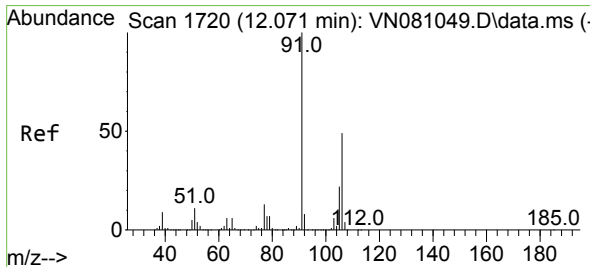
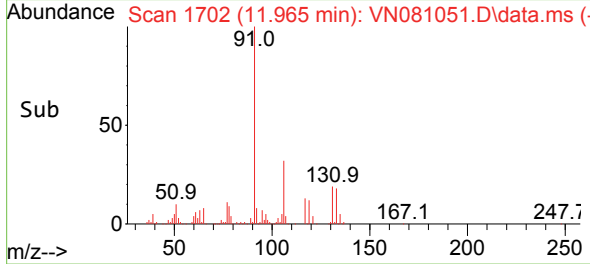
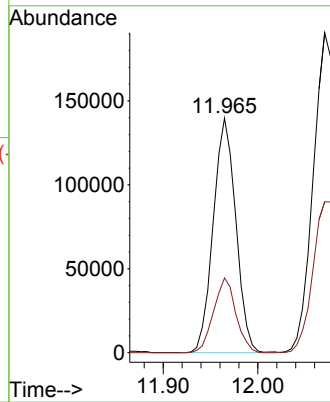
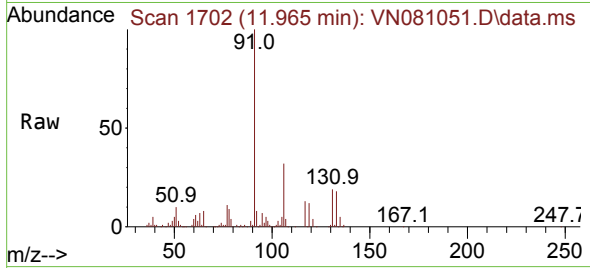




#67
Ethyl Benzene
Concen: 9.152 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

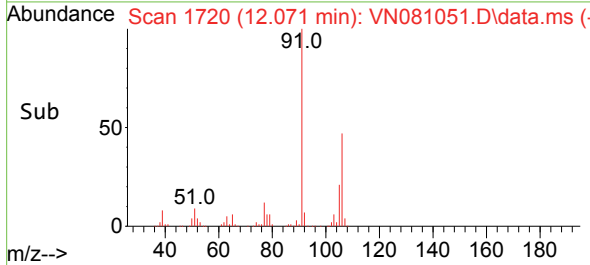
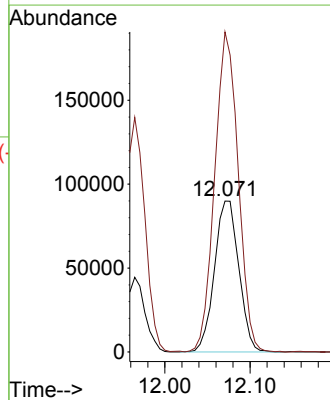
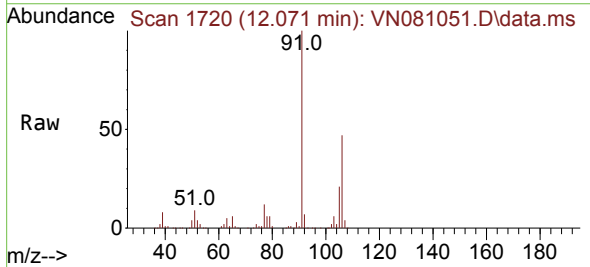
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

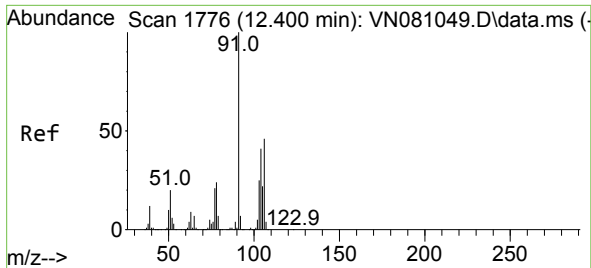
Tgt Ion: 91 Resp: 231624
Ion Ratio Lower Upper
91 100
106 31.8 23.8 35.6



#68
m/p-Xylenes
Concen: 18.459 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

Tgt Ion:106 Resp: 179064
Ion Ratio Lower Upper
106 100
91 204.3 169.0 253.6

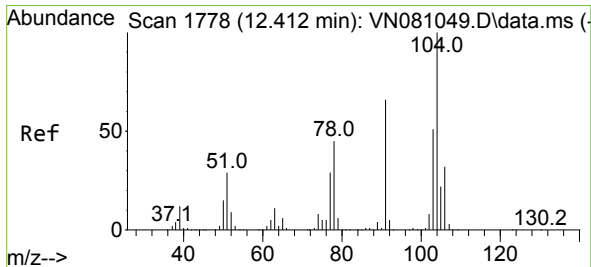
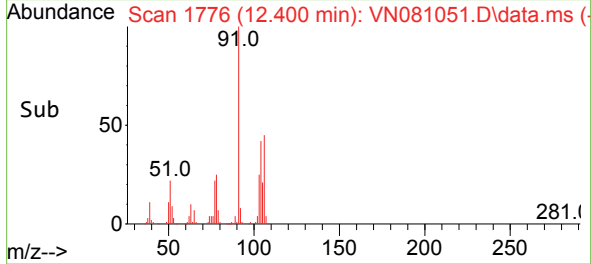
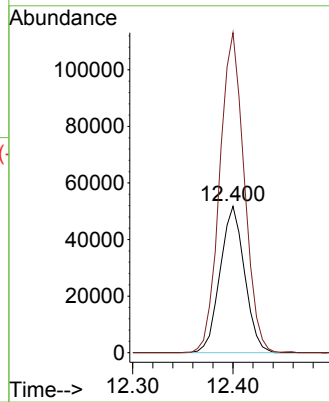
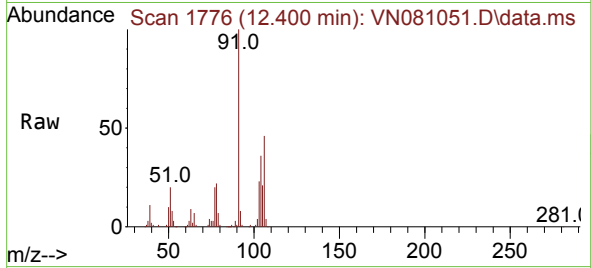




#69
o-Xylene
Concen: 9.123 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

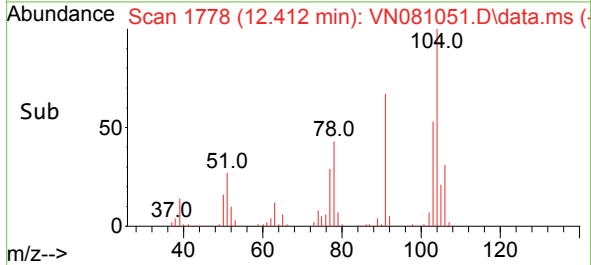
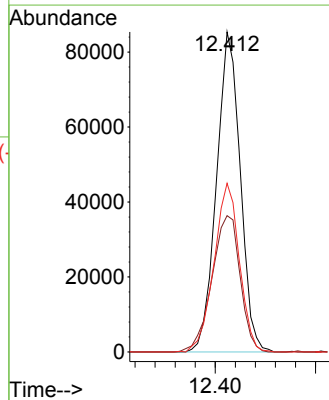
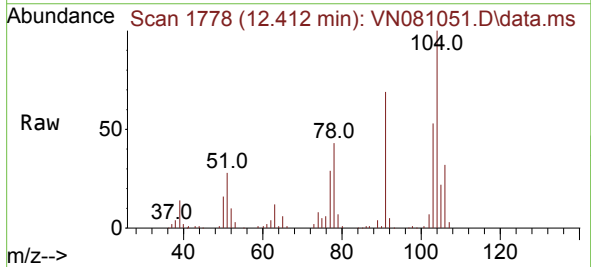
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

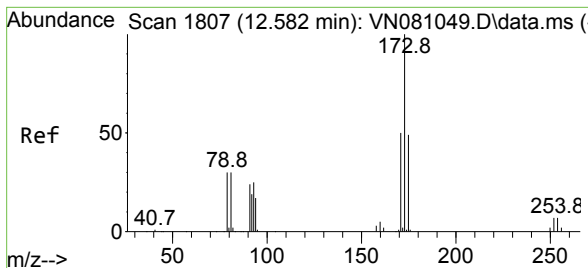
Tgt Ion:106 Resp: 87721
Ion Ratio Lower Upper
106 100
91 219.7 112.1 336.3



#70
Styrene
Concen: 9.195 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

Tgt Ion:104 Resp: 140107
Ion Ratio Lower Upper
104 100
78 50.6 43.8 65.8
103 56.3 44.2 66.2





#71

Bromoform

Concen: 8.839 ug/l

RT: 12.576 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN081051.D

Acq: 16 Feb 2024 12:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

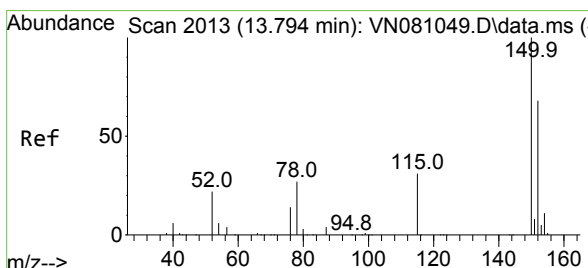
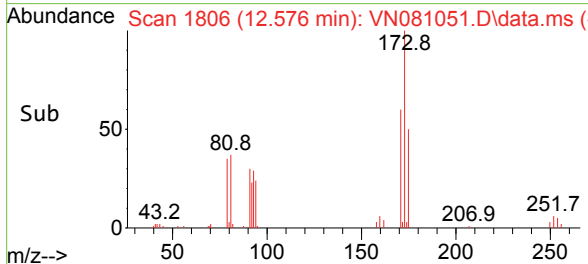
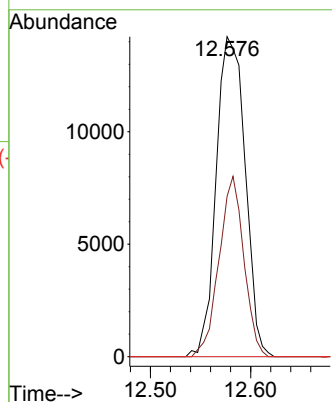
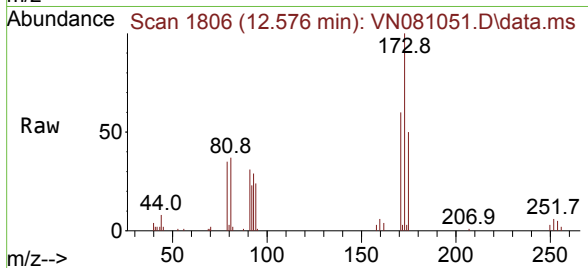
Tgt Ion:173 Resp: 28488

Ion Ratio Lower Upper

173 100

175 48.4 23.1 69.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN081051.D

Acq: 16 Feb 2024 12:54

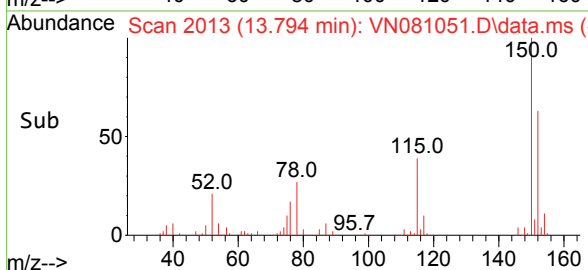
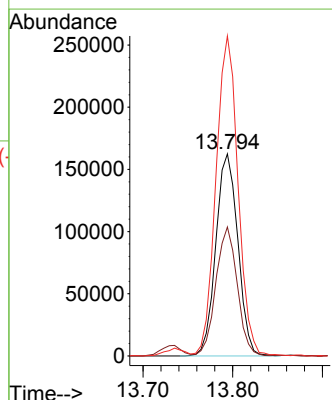
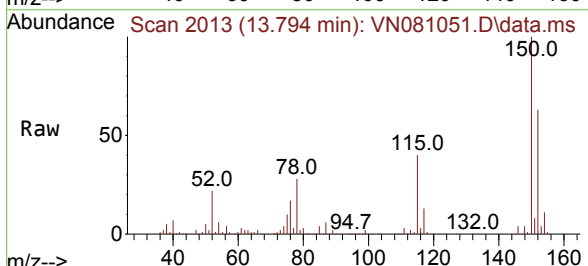
Tgt Ion:152 Resp: 277056

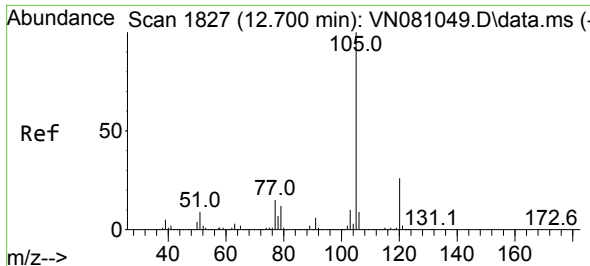
Ion Ratio Lower Upper

152 100

115 61.4 32.3 96.8

150 158.0 0.0 339.8

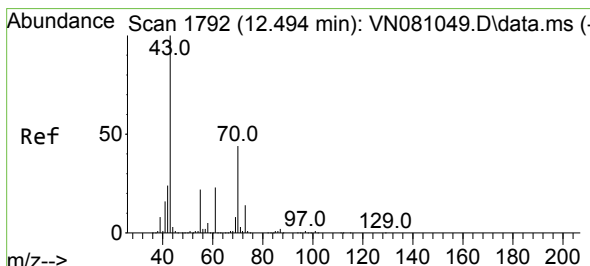
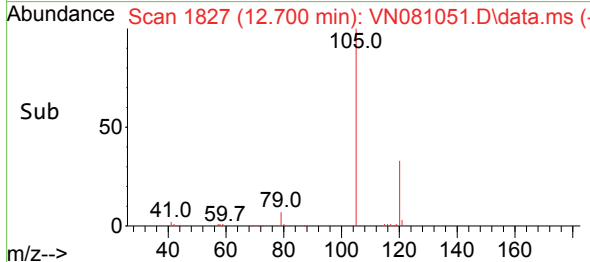
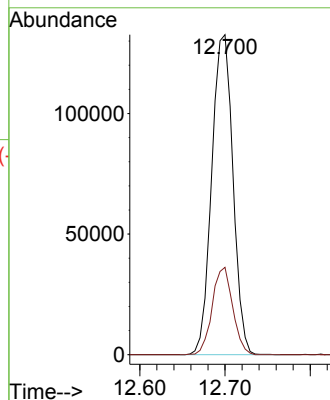
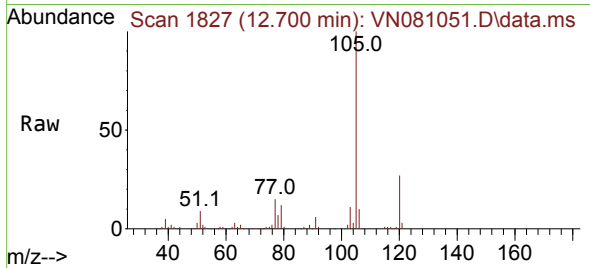




#73
Isopropylbenzene
Concen: 9.462 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

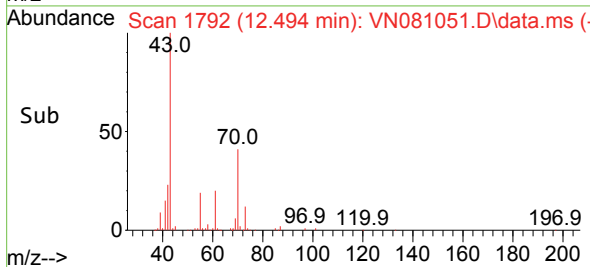
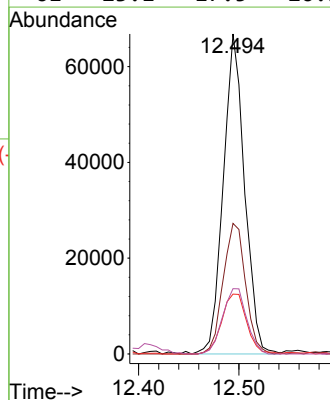
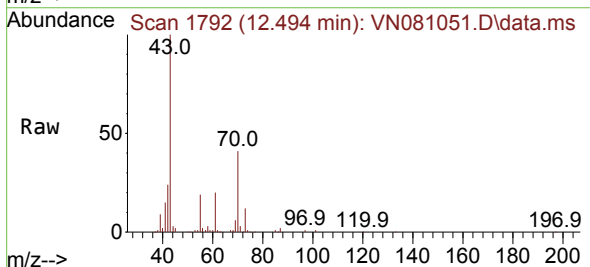
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

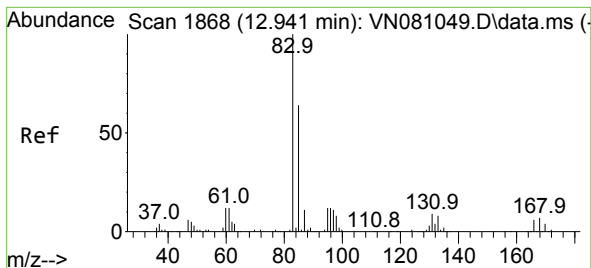
Tgt Ion:105 Resp: 229363
Ion Ratio Lower Upper
105 100
120 26.3 12.6 37.6



#74
N-ethyl acetate
Concen: 9.628 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

Tgt Ion: 43 Resp: 98643
Ion Ratio Lower Upper
43 100
70 42.9 30.1 45.1
55 21.9 17.0 25.4
61 23.1 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 9.697 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN081051.D

Acq: 16 Feb 2024 12:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

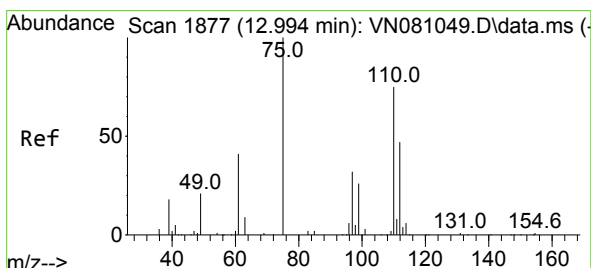
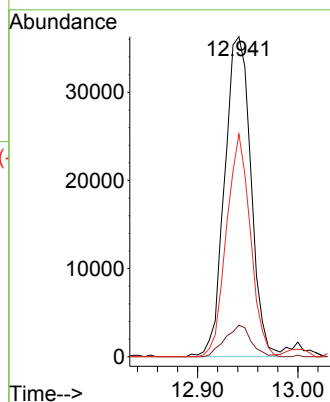
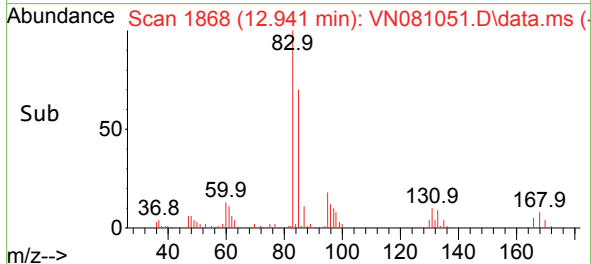
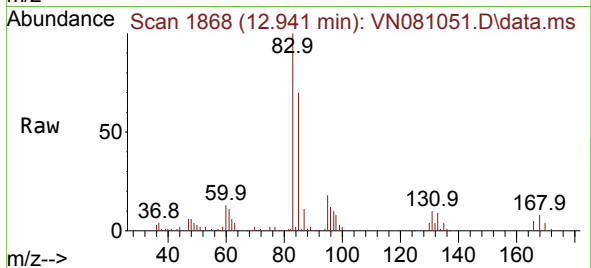
Tgt Ion: 83 Resp: 66099

Ion Ratio Lower Upper

83 100

131 9.8 4.1 12.3

85 63.3 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 13.376 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN081051.D

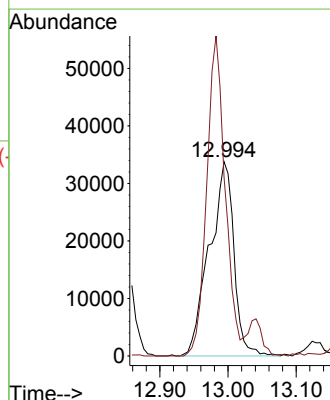
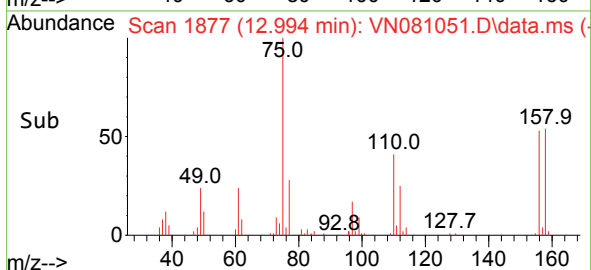
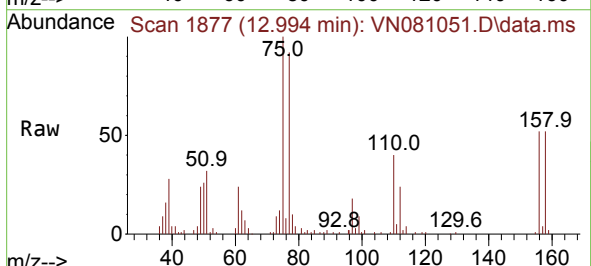
Acq: 16 Feb 2024 12:54

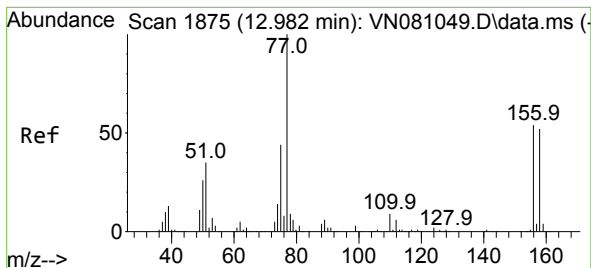
Tgt Ion: 75 Resp: 84539

Ion Ratio Lower Upper

75 100

77 124.8 91.0 272.8





#77

Bromobenzene

Concen: 9.239 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN081051.D

Acq: 16 Feb 2024 12:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

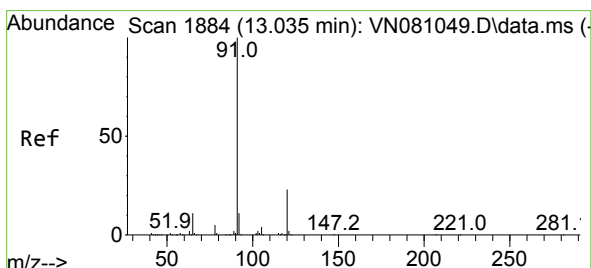
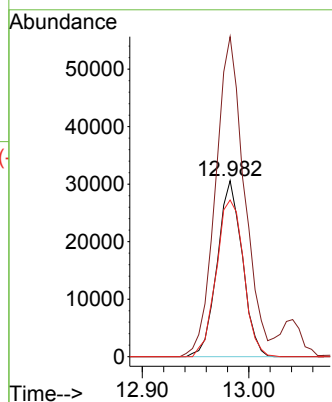
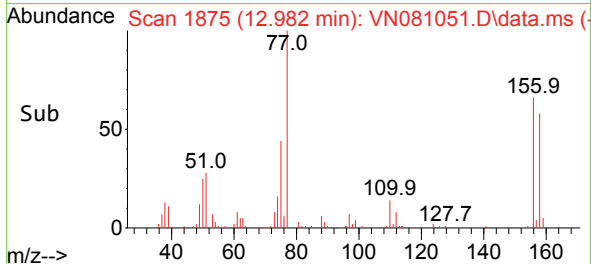
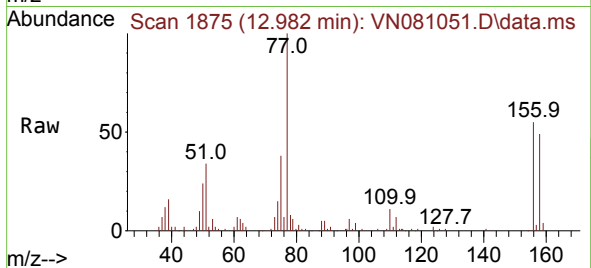
Tgt Ion:156 Resp: 49935

Ion Ratio Lower Upper

156 100

77 211.3 138.1 414.3

158 97.4 46.5 139.5



#78

n-propylbenzene

Concen: 9.147 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN081051.D

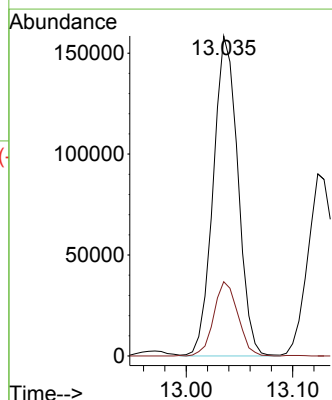
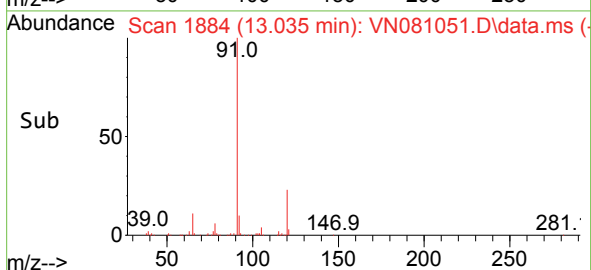
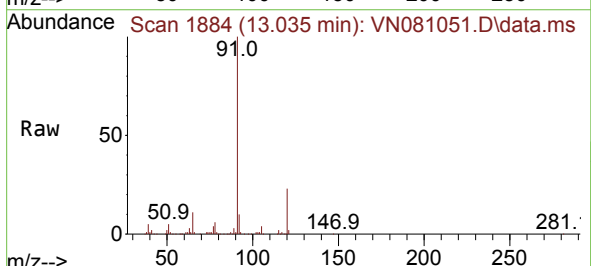
Acq: 16 Feb 2024 12:54

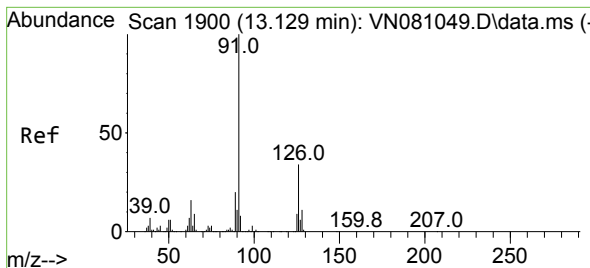
Tgt Ion: 91 Resp: 255260

Ion Ratio Lower Upper

91 100

120 22.6 10.3 30.9





#79

2-Chlorotoluene

Concen: 9.223 ug/l

RT: 13.123 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN081051.D

Acq: 16 Feb 2024 12:54

Instrument :

MSVOA_N

ClientSampleId :

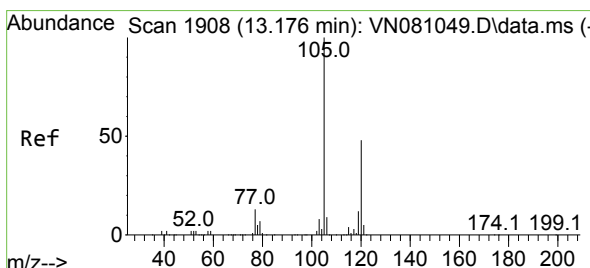
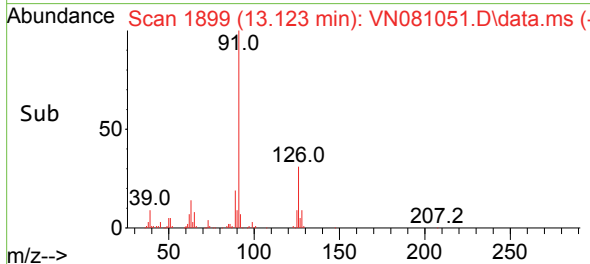
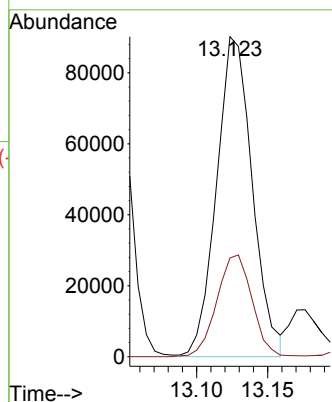
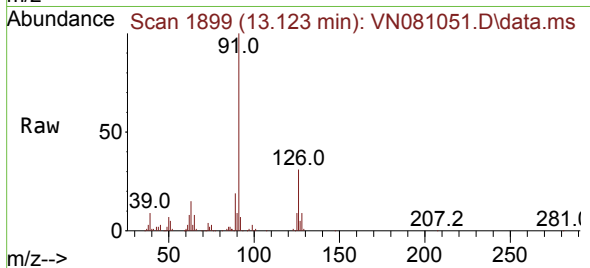
VSTDICC010

Tgt Ion: 91 Resp: 157871

Ion Ratio Lower Upper

91 100

126 31.3 14.8 44.4



#80

1,3,5-Trimethylbenzene

Concen: 9.244 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN081051.D

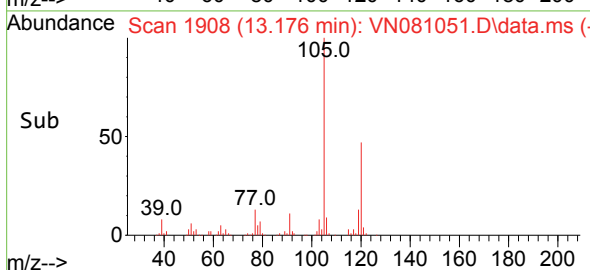
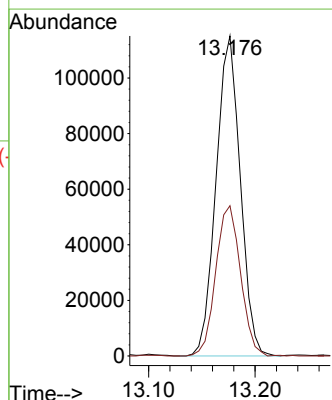
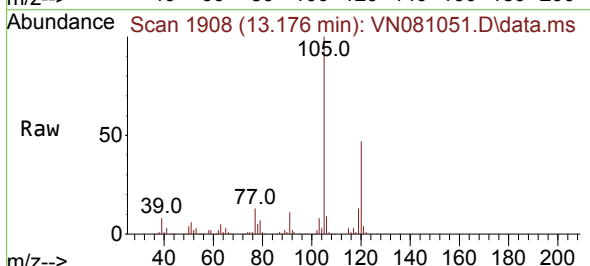
Acq: 16 Feb 2024 12:54

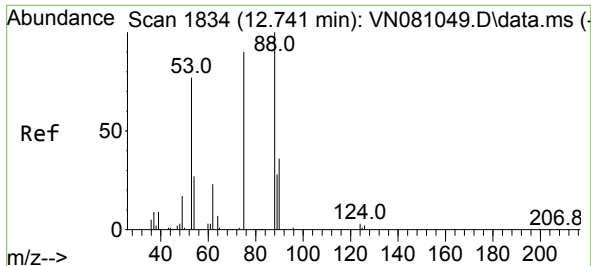
Tgt Ion: 105 Resp: 181677

Ion Ratio Lower Upper

105 100

120 48.0 23.0 69.0

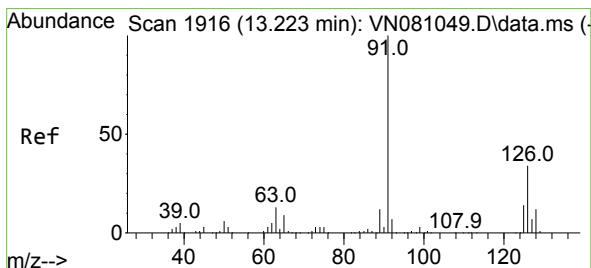
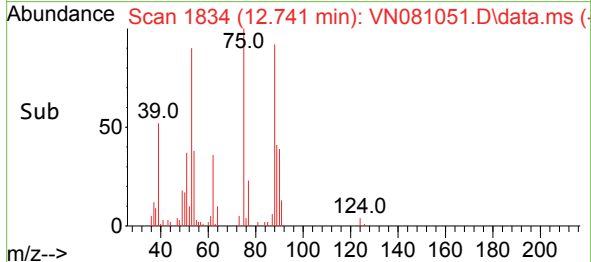
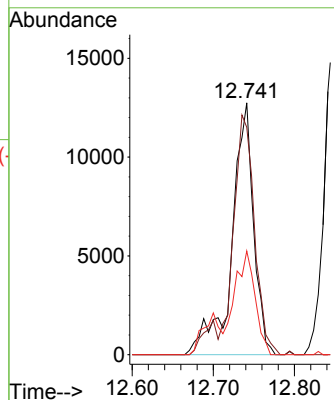
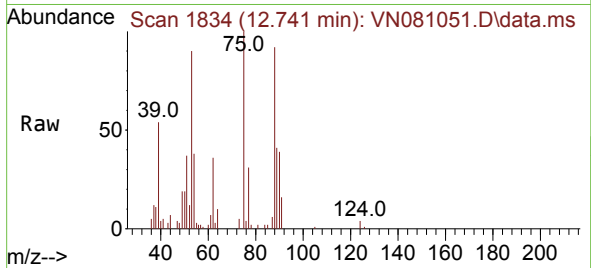




#81
trans-1,4-Dichloro-2-butene
Concen: 9.743 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

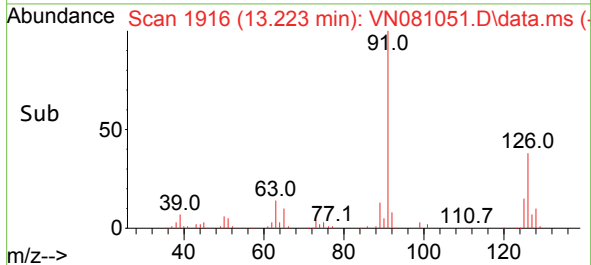
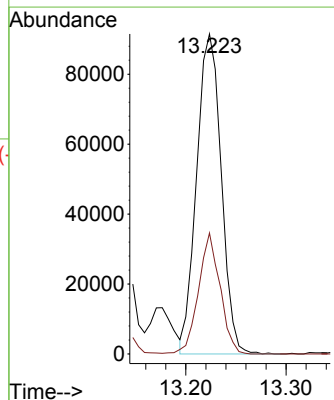
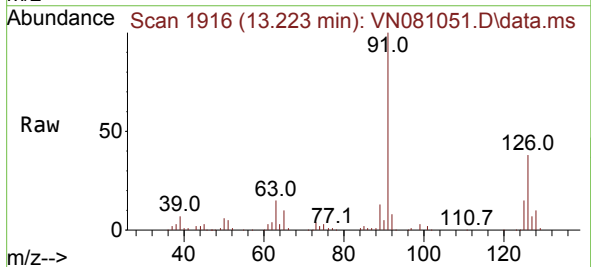
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

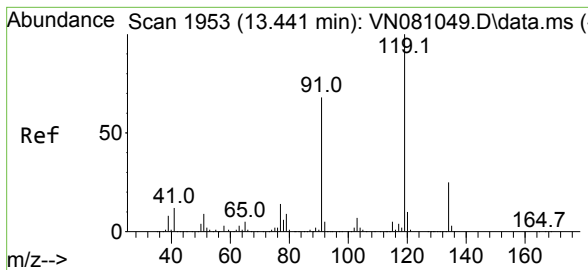
Tgt Ion: 75 Resp: 23829
Ion Ratio Lower Upper
75 100
53 89.8 71.4 107.2
89 38.4 33.4 50.0



#82
4-Chlorotoluene
Concen: 9.336 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

Tgt Ion: 91 Resp: 156253
Ion Ratio Lower Upper
91 100
126 33.2 15.3 45.9

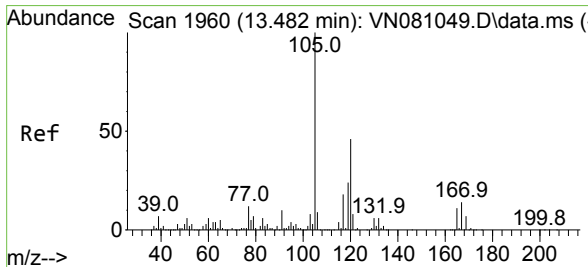
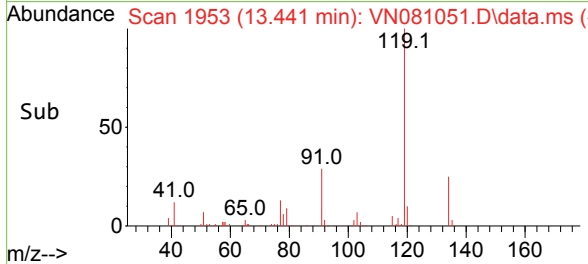
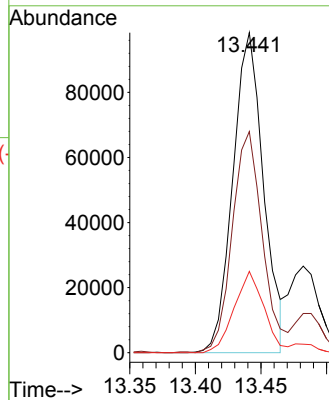
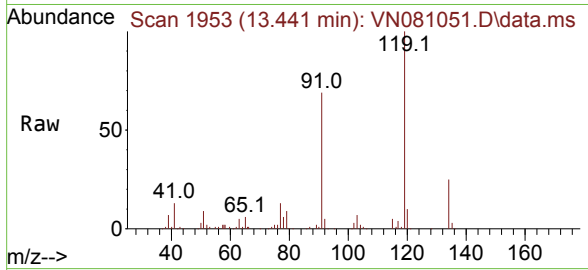




#83
 tert-Butylbenzene
 Concen: 9.422 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN081051.D
 Acq: 16 Feb 2024 12:54

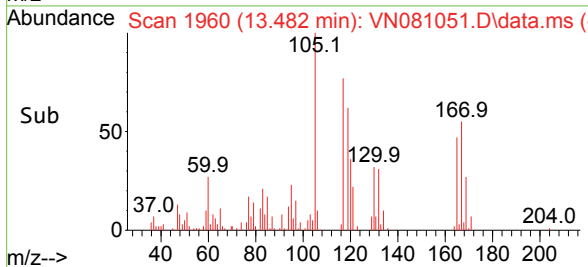
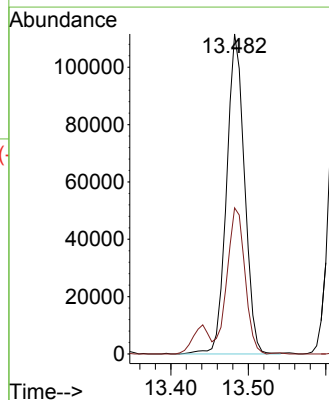
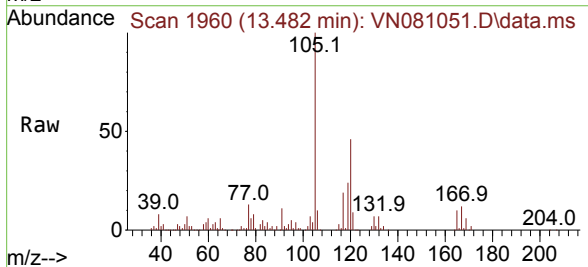
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

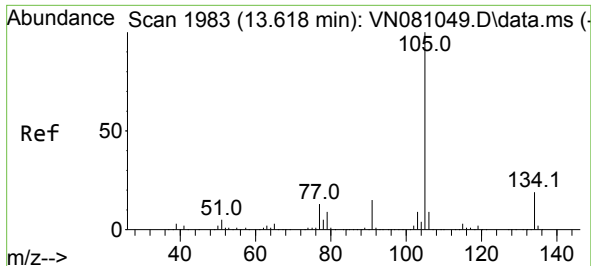
Tgt Ion:	119	Resp:	160124
Ion	Ratio	Lower	Upper
119	100		
91	68.6	36.8	110.4
134	24.8	12.4	37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 9.162 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN081051.D
 Acq: 16 Feb 2024 12:54

Tgt Ion:	105	Resp:	179447
Ion	Ratio	Lower	Upper
105	100		
120	45.8	20.9	62.7

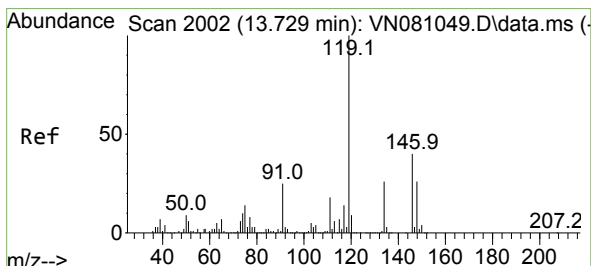
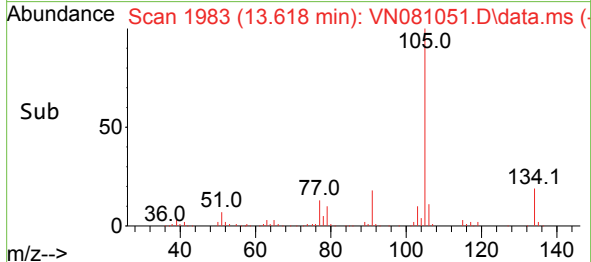
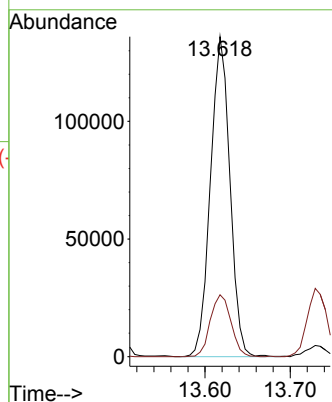
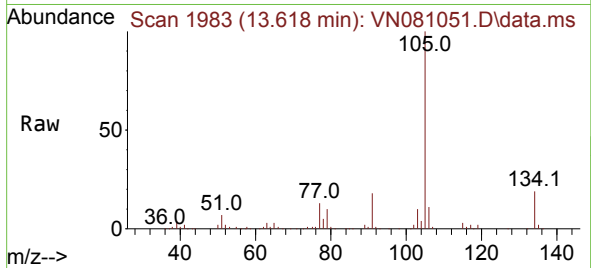




#85
 sec-Butylbenzene
 Concen: 9.129 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081051.D
 Acq: 16 Feb 2024 12:54

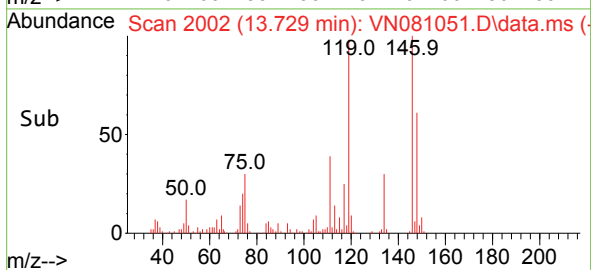
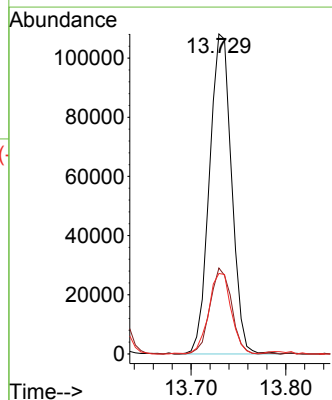
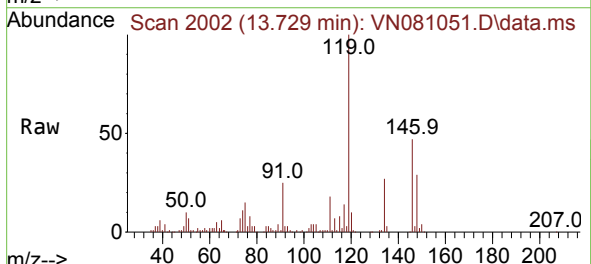
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

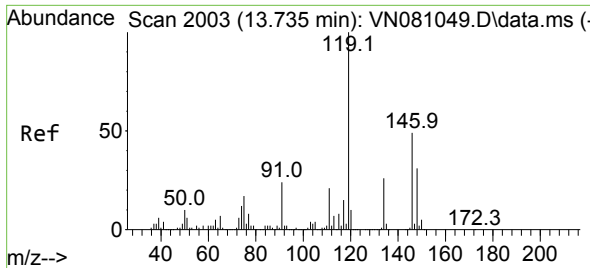
Tgt Ion:105 Resp: 215677
 Ion Ratio Lower Upper
 105 100
 134 20.5 8.6 25.8



#86
 p-Isopropyltoluene
 Concen: 8.938 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081051.D
 Acq: 16 Feb 2024 12:54

Tgt Ion:119 Resp: 175395
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.4 37.2
 91 25.9 13.5 40.4

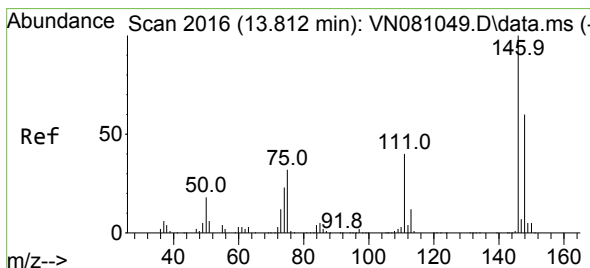
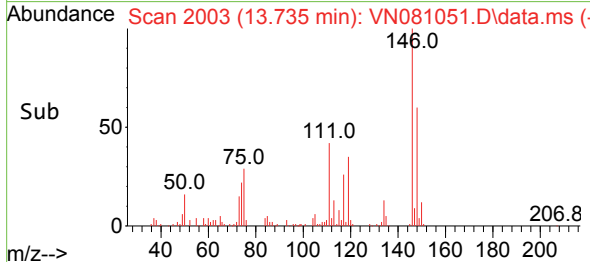
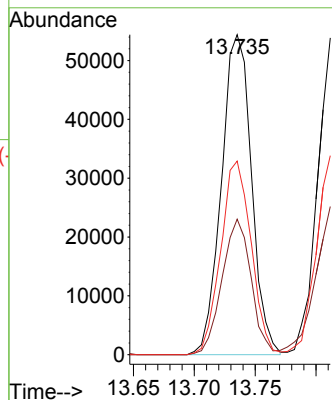
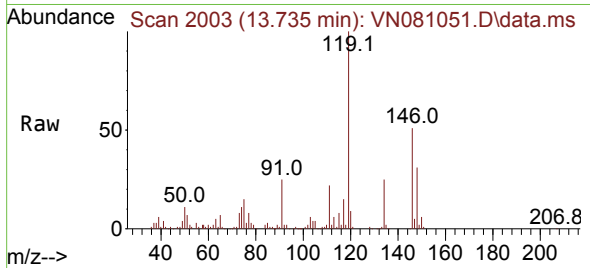




#87
1,3-Dichlorobenzene
Concen: 9.164 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

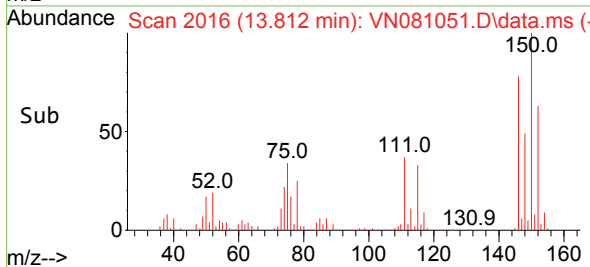
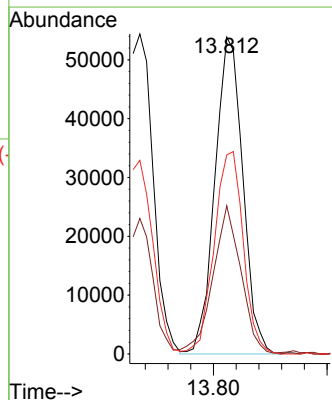
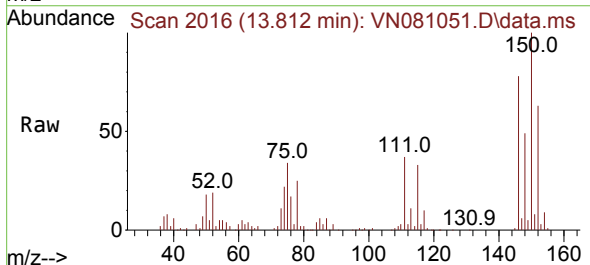
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

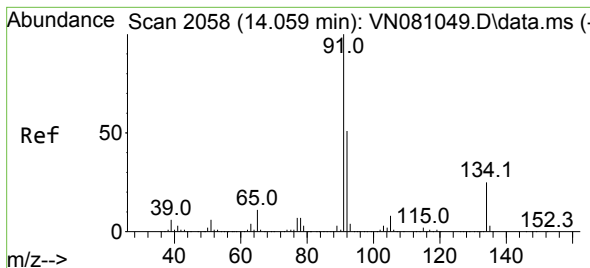
Tgt Ion:146 Resp: 93590
Ion Ratio Lower Upper
146 100
111 41.1 23.9 71.7
148 61.2 32.6 97.7



#88
1,4-Dichlorobenzene
Concen: 9.168 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

Tgt Ion:146 Resp: 91997
Ion Ratio Lower Upper
146 100
111 46.3 22.6 67.7
148 66.6 31.9 95.5





#89

n-Butylbenzene

Concen: 8.930 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081051.D

Acq: 16 Feb 2024 12:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

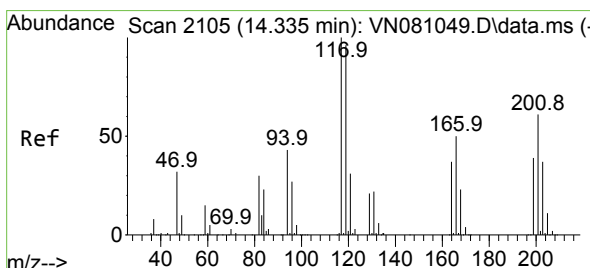
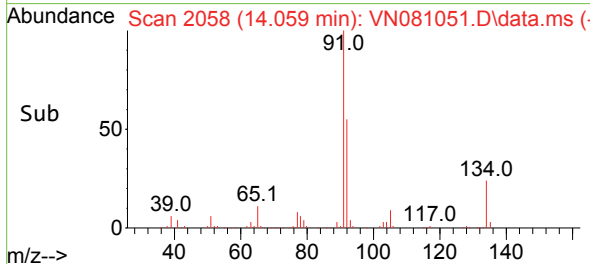
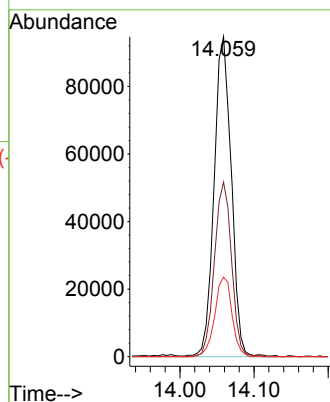
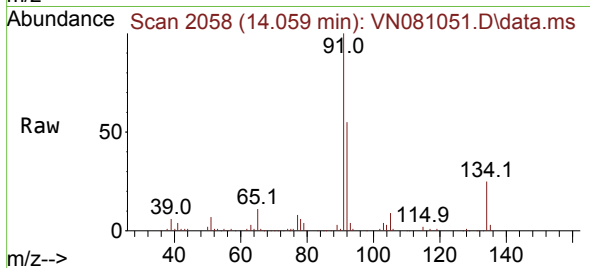
Tgt Ion: 91 Resp: 152674

Ion Ratio Lower Upper

91 100

92 54.2 26.7 80.1

134 24.9 10.8 32.4



#90

Hexachloroethane

Concen: 8.711 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN081051.D

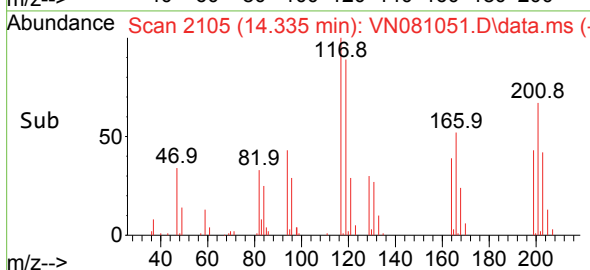
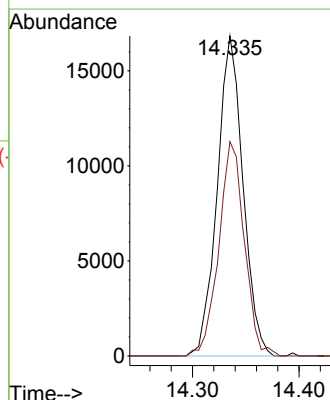
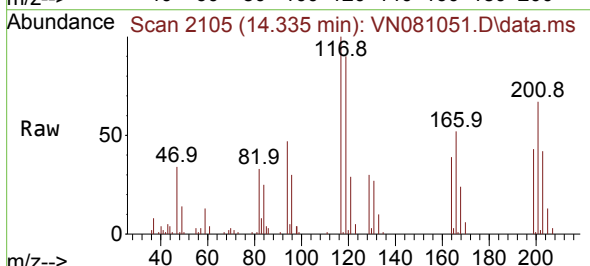
Acq: 16 Feb 2024 12:54

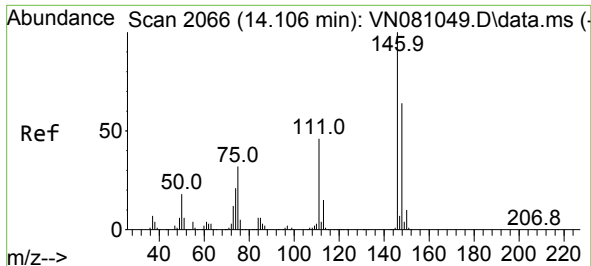
Tgt Ion: 117 Resp: 28257

Ion Ratio Lower Upper

117 100

201 66.5 30.0 90.0

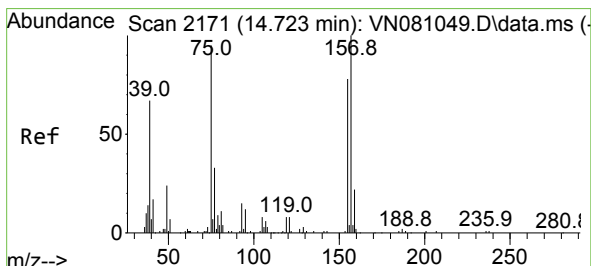
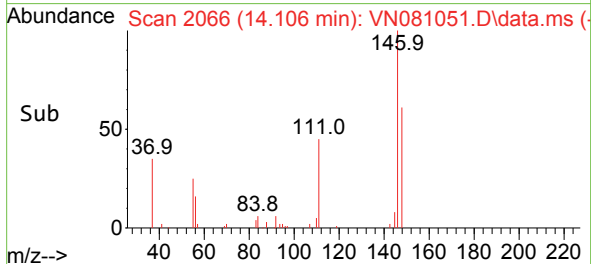
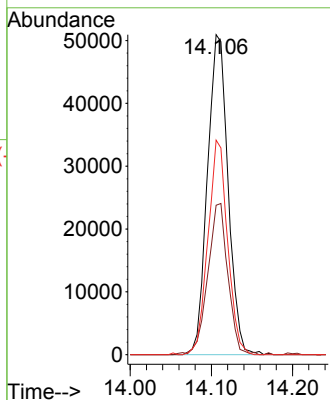
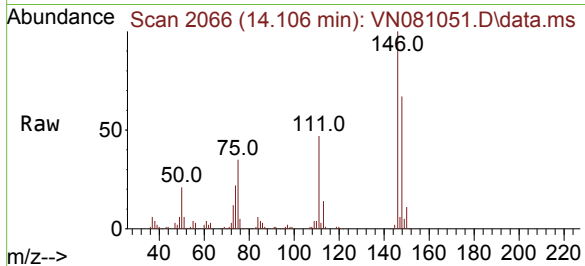




#91
1,2-Dichlorobenzene
Concen: 9.107 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

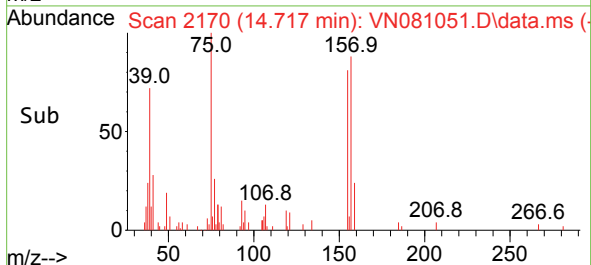
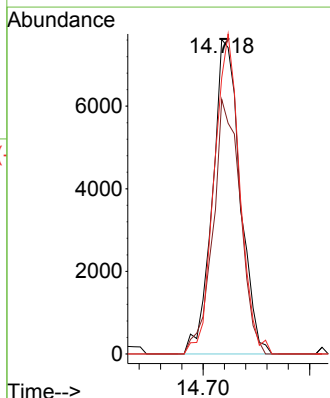
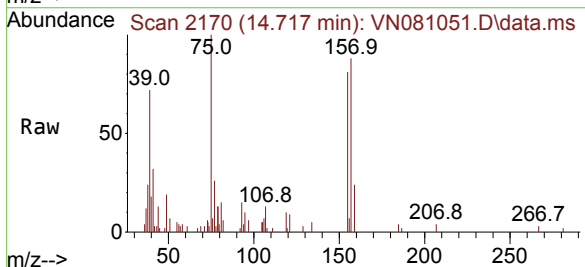
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

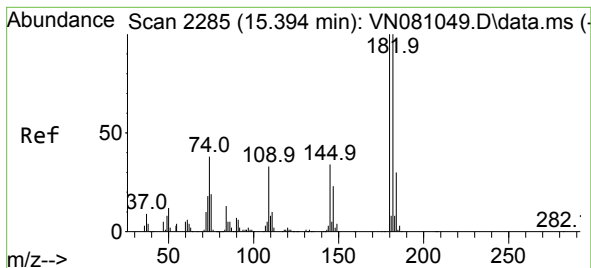
Tgt Ion:146 Resp: 89703
Ion Ratio Lower Upper
146 100
111 46.0 23.9 71.8
148 63.7 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 9.641 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN081051.D
Acq: 16 Feb 2024 12:54

Tgt Ion: 75 Resp: 13663
Ion Ratio Lower Upper
75 100
155 80.0 31.8 95.4
157 94.8 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 9.111 ug/l

RT: 15.400 min Scan# 2285

Delta R.T. 0.006 min

Lab File: VN081051.D

Acq: 16 Feb 2024 12:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

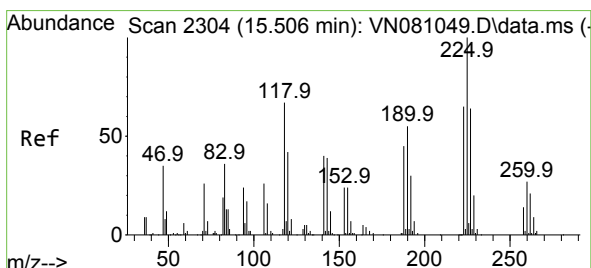
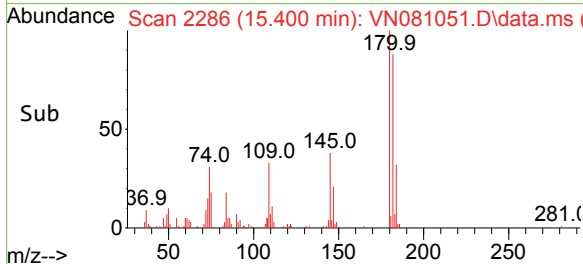
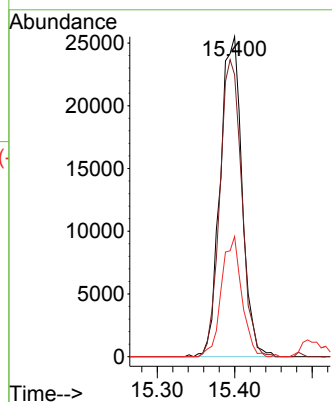
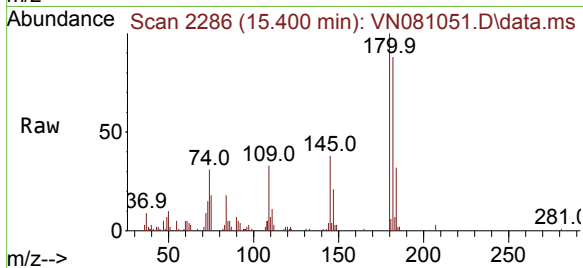
Tgt Ion:180 Resp: 50063

Ion Ratio Lower Upper

180 100

182 92.7 46.6 139.7

145 34.9 16.8 50.3



#94

Hexachlorobutadiene

Concen: 9.188 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN081051.D

Acq: 16 Feb 2024 12:54

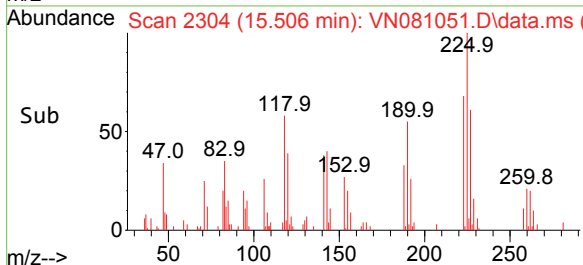
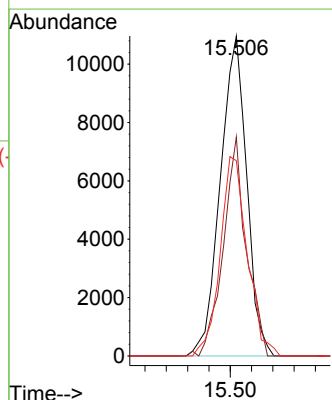
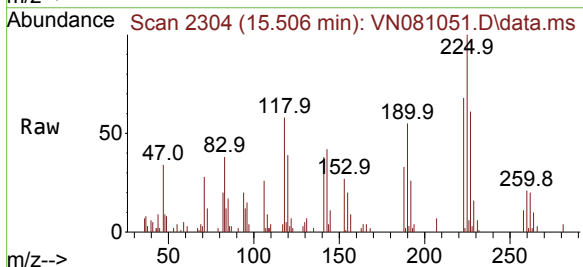
Tgt Ion:225 Resp: 18830

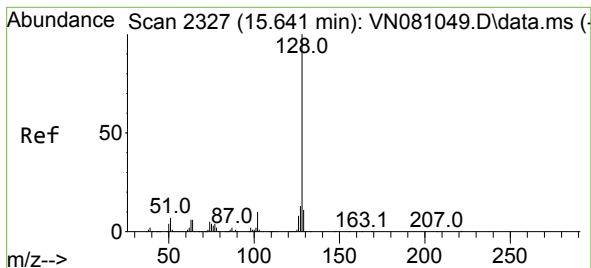
Ion Ratio Lower Upper

225 100

223 60.0 33.3 99.8

227 64.0 33.1 99.2





#95

Naphthalene

Concen: 9.254 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081051.D

Acq: 16 Feb 2024 12:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

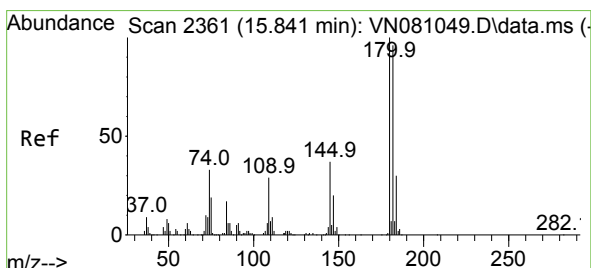
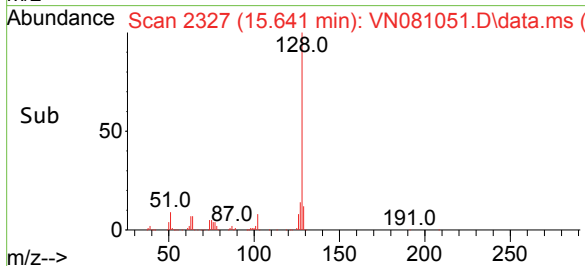
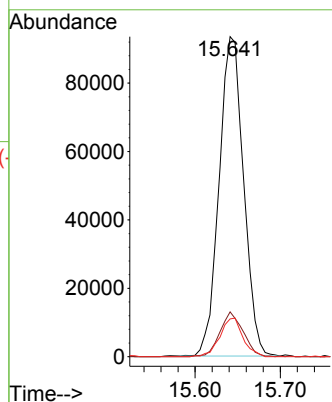
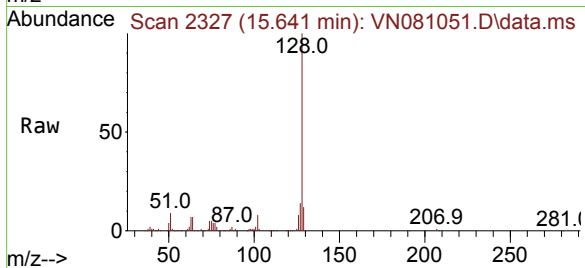
Tgt Ion:128 Resp: 186356

Ion Ratio Lower Upper

128 100

127 13.3 10.0 15.0

129 11.4 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 9.185 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN081051.D

Acq: 16 Feb 2024 12:54

Tgt Ion:180 Resp: 50069

Ion Ratio Lower Upper

180 100

182 91.7 46.5 139.3

145 36.7 17.8 53.4

