

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031224\
 Data File : VN081373.D
 Acq On : 12 Mar 2024 15:25
 Operator : JC\MD
 Sample : VN0312MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312MBS01

Quant Time: Mar 13 04:52:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	299753	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	554023	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	508376	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	228209	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	221674	51.147	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.300%
35) Dibromofluoromethane	8.165	113	169292	49.875	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.760%
50) Toluene-d8	10.571	98	618996	48.783	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.560%
62) 4-Bromofluorobenzene	12.853	95	221366	49.360	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	98.720%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	83768	21.081	ug/l	94
3) Chloromethane	2.360	50	77659	18.093	ug/l	96
4) Vinyl Chloride	2.518	62	78643	17.564	ug/l	96
5) Bromomethane	2.959	94	53151	17.773	ug/l	92
6) Chloroethane	3.118	64	55622	18.086	ug/l	100
7) Trichlorofluoromethane	3.501	101	126216	19.055	ug/l	93
8) Diethyl Ether	3.959	74	48131	20.624	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.365	101	69395	18.397	ug/l #	90
10) Methyl Iodide	4.589	142	72116	20.892	ug/l #	98
11) Tert butyl alcohol	5.524	59	75193	99.219	ug/l	96
12) 1,1-Dichloroethene	4.342	96	64999	18.607	ug/l	87
13) Acrolein	4.177	56	69559	77.513	ug/l	99
14) Allyl chloride	5.024	41	97428	18.793	ug/l #	84
15) Acrylonitrile	5.718	53	200640	101.342	ug/l	97
16) Acetone	4.430	43	146998	95.727	ug/l	98
17) Carbon Disulfide	4.718	76	169736	17.024	ug/l	97
18) Methyl Acetate	5.018	43	102683	23.356	ug/l #	84
19) Methyl tert-butyl Ether	5.795	73	239317	20.200	ug/l	94
20) Methylene Chloride	5.277	84	79422	20.459	ug/l	92
21) trans-1,2-Dichloroethene	5.783	96	73134	18.569	ug/l	96
22) Diisopropyl ether	6.671	45	242159	21.031	ug/l #	93
23) Vinyl Acetate	6.600	43	973742	104.095	ug/l	96
24) 1,1-Dichloroethane	6.571	63	139670	19.815	ug/l	94
25) 2-Butanone	7.483	43	263184	102.341	ug/l	99
26) 2,2-Dichloropropane	7.489	77	124752	20.025	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	87178	19.524	ug/l	90
28) Bromochloromethane	7.812	49	62001	20.557	ug/l #	68
29) Tetrahydrofuran	7.841	42	169600	96.716	ug/l #	87
30) Chloroform	7.965	83	148951	20.364	ug/l	97
31) Cyclohexane	8.259	56	120757	18.403	ug/l #	82
32) 1,1,1-Trichloroethane	8.165	97	127828	19.771	ug/l	92
36) 1,1-Dichloropropene	8.371	75	105708	19.304	ug/l	97
37) Ethyl Acetate	7.565	43	102515	19.151	ug/l	97
38) Carbon Tetrachloride	8.365	117	109536	19.875	ug/l	95
39) Methylcyclohexane	9.600	83	116264	18.448	ug/l	91
40) Benzene	8.606	78	315675	19.313	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	58689	19.414	ug/l	97
42) 1,2-Dichloroethane	8.671	62	117853	20.449	ug/l	99
43) Isopropyl Acetate	8.688	43	182930	19.524	ug/l	97
44) Trichloroethene	9.353	130	78138	18.954	ug/l	96
45) 1,2-Dichloropropane	9.624	63	81639	19.882	ug/l	93
46) Dibromomethane	9.712	93	58775	20.308	ug/l	89
47) Bromodichloromethane	9.888	83	115617	20.577	ug/l #	92
48) Methyl methacrylate	9.683	41	84062	20.298	ug/l	90
49) 1,4-Dioxane	9.694	88	36088	395.344	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	564355	103.736	ug/l	97
52) Toluene	10.630	92	196353	19.886	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	121510	19.988	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	129487	19.731	ug/l #	95
55) 1,1,2-Trichloroethane	11.018	97	80736	20.619	ug/l #	88
56) Ethyl methacrylate	10.871	69	116653	20.748	ug/l	92
57) 1,3-Dichloropropane	11.165	76	139248	20.377	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	310831	102.775	ug/l #	90
59) 2-Hexanone	11.200	43	422393	103.856	ug/l	98
60) Dibromochloromethane	11.365	129	86726	21.507	ug/l	96
61) 1,2-Dibromoethane	11.471	107	81120	19.967	ug/l	96
64) Tetrachloroethene	11.106	164	76856	19.308	ug/l	93
65) Chlorobenzene	11.894	112	204555	19.094	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	75934	19.370	ug/l	96
67) Ethyl Benzene	11.965	91	371306	19.241	ug/l	97
68) m/p-Xylenes	12.071	106	275385	37.919	ug/l	99
69) o-Xylene	12.400	106	135019	19.183	ug/l	98
70) Styrene	12.412	104	223677	20.054	ug/l	96
71) Bromoform	12.582	173	54108	19.881	ug/l #	100
73) Isopropylbenzene	12.700	105	354508	19.238	ug/l	97
74) N-amyl acetate	12.494	43	154560	19.989	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	109794	19.306	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	151042	28.021	ug/l	61
77) Bromobenzene	12.988	156	79480	18.191	ug/l	84
78) n-propylbenzene	13.035	91	432287	19.833	ug/l	97
79) 2-Chlorotoluene	13.129	91	259181	19.454	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	307959	20.217	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	38467	19.917	ug/l	90
82) 4-Chlorotoluene	13.224	91	257913	19.599	ug/l	98
83) tert-Butylbenzene	13.441	119	248015	18.991	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	305553	19.798	ug/l	96
85) sec-Butylbenzene	13.618	105	366083	19.377	ug/l	95
86) p-Isopropyltoluene	13.729	119	301542	19.902	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	150335	18.222	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	153486	18.613	ug/l	99
89) n-Butylbenzene	14.059	91	266619	19.189	ug/l	97
90) Hexachloroethane	14.335	117	51093	19.261	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	151608	19.153	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	24096	19.800	ug/l	88
93) 1,2,4-Trichlorobenzene	15.394	180	79263	18.734	ug/l	95
94) Hexachlorobutadiene	15.506	225	29829	17.062	ug/l	97
95) Naphthalene	15.641	128	293567	19.499	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	86033	20.051	ug/l	97

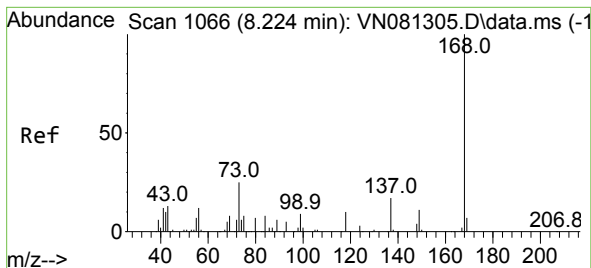
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. 0.006 min

Lab File: VN081373.D

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Instrument :

MSVOA_N

ClientSampleId :

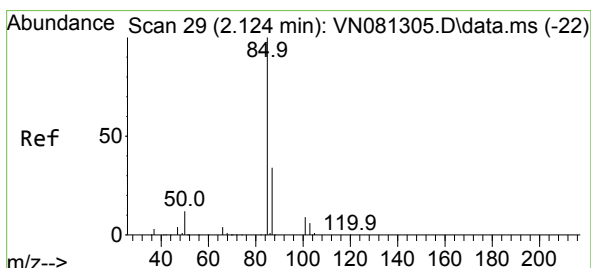
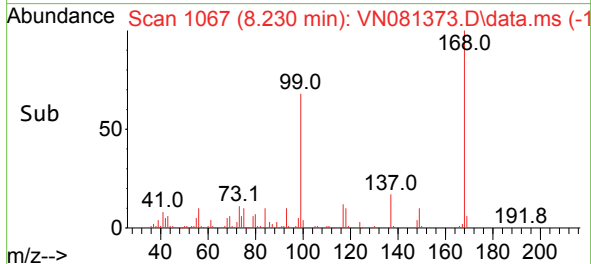
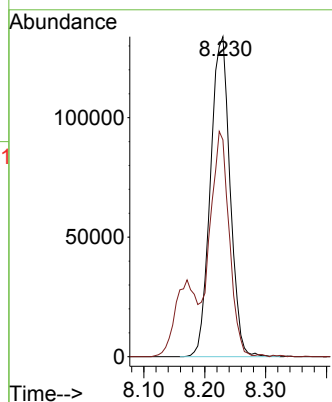
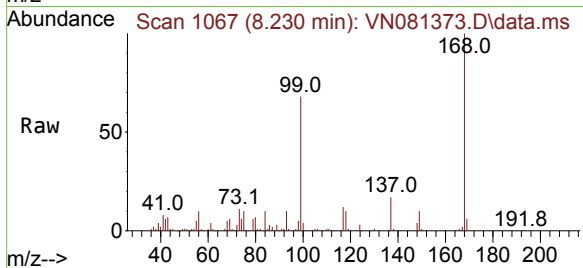
VN0312MBS01

Tgt Ion:168 Resp: 299753

Ion Ratio Lower Upper

168 100

99 67.4 59.9 89.9



#2

Dichlorodifluoromethane

Concen: 21.081 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN081373.D

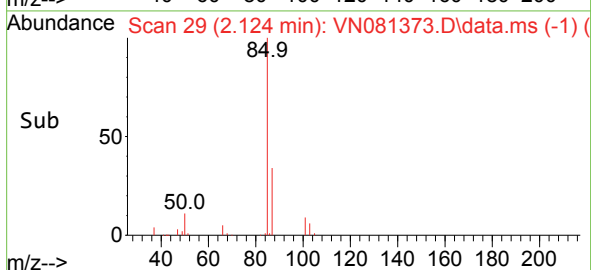
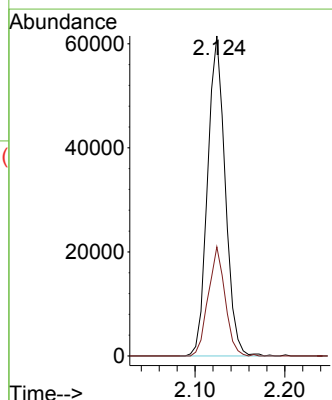
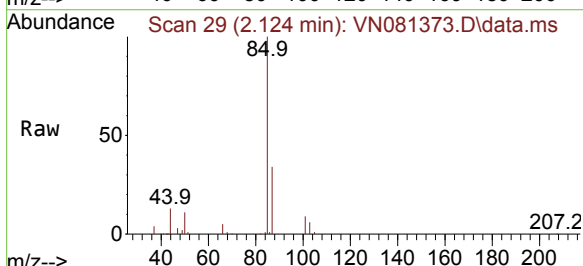
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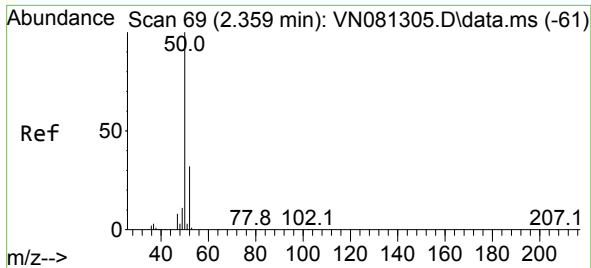
Tgt Ion: 85 Resp: 83768

Ion Ratio Lower Upper

85 100

87 34.1 15.3 45.9

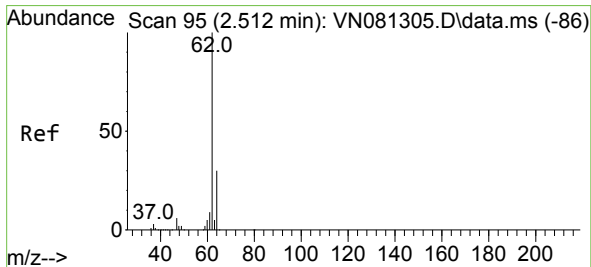
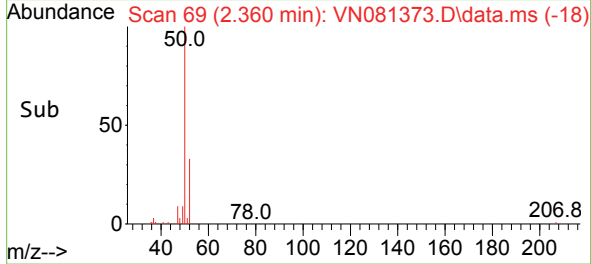
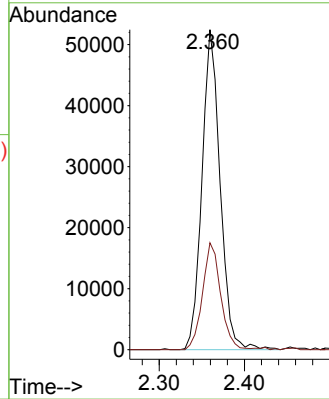
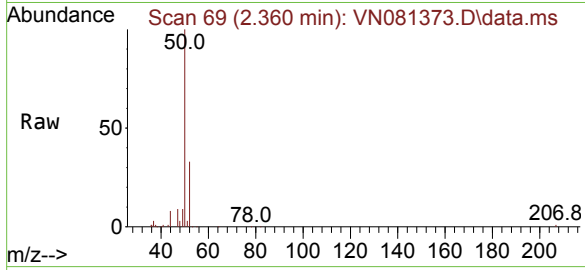




#3
Chloromethane
Concen: 18.093 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

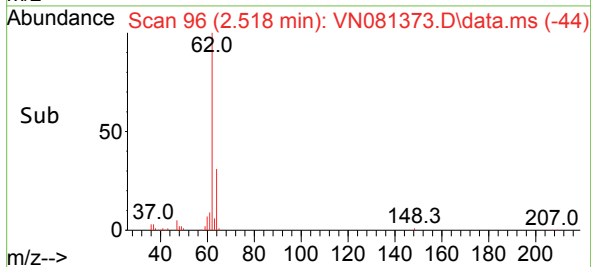
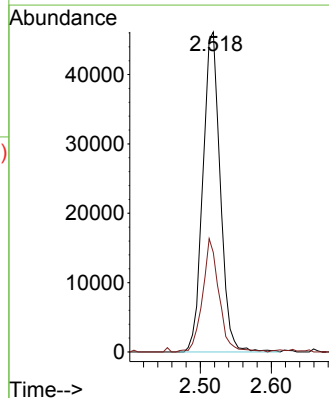
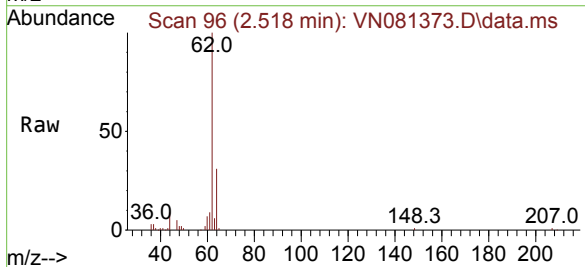
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBSD01

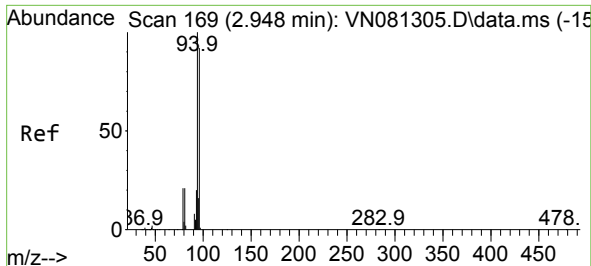
Tgt Ion: 50 Resp: 77659
Ion Ratio Lower Upper
50 100
52 33.4 25.0 37.4



#4
Vinyl Chloride
Concen: 17.564 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

Tgt Ion: 62 Resp: 78643
Ion Ratio Lower Upper
62 100
64 30.6 22.7 34.1

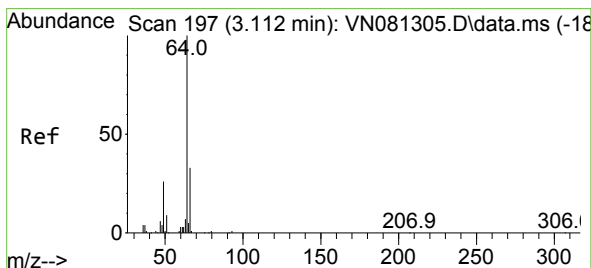
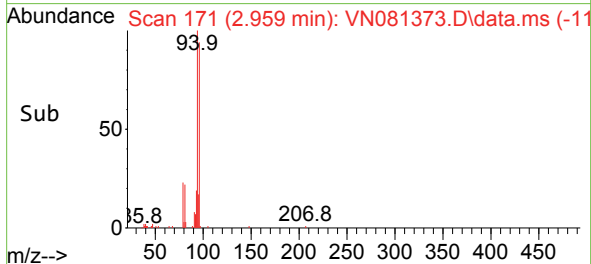
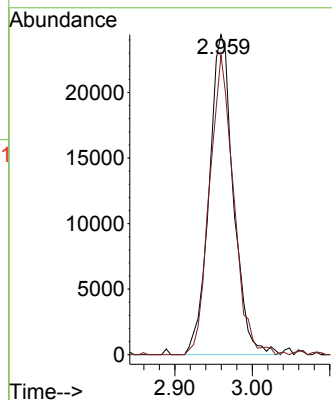
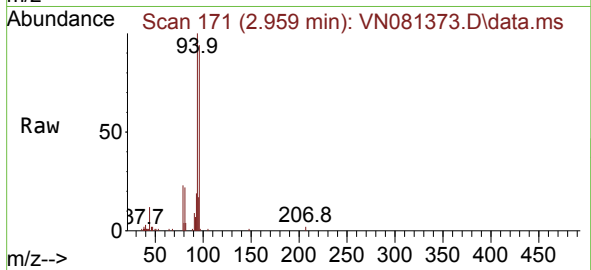




#5
Bromomethane
Concen: 17.773 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

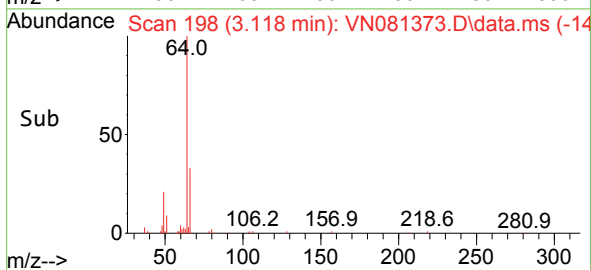
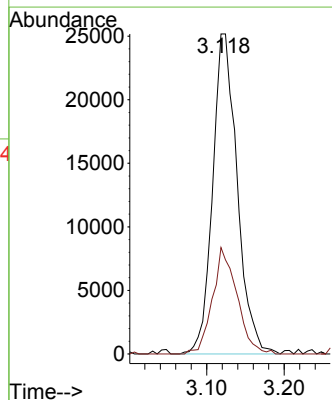
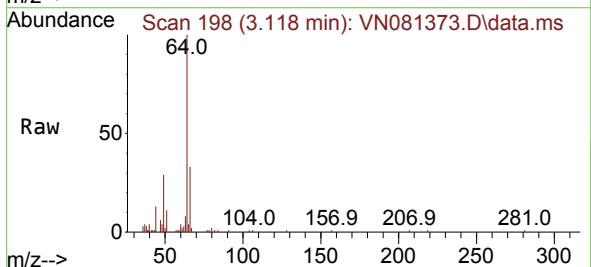
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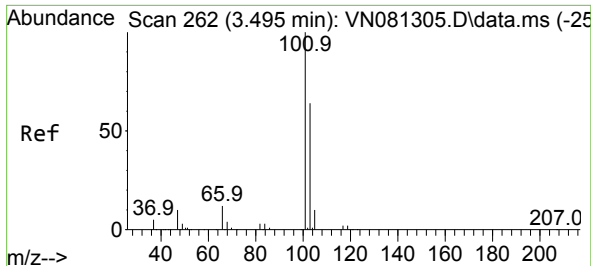
Tgt Ion: 94 Resp: 53151
Ion Ratio Lower Upper
94 100
96 93.6 69.2 103.8



#6
Chloroethane
Concen: 18.086 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

Tgt Ion: 64 Resp: 55622
Ion Ratio Lower Upper
64 100
66 33.3 26.4 39.6

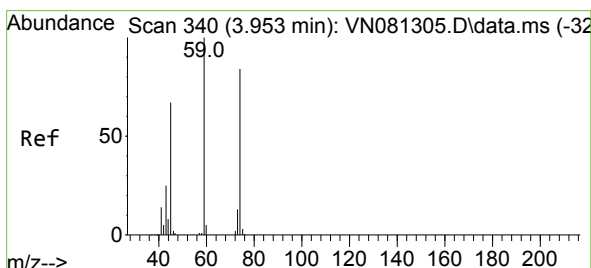
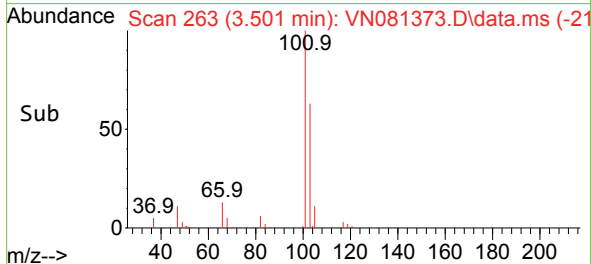
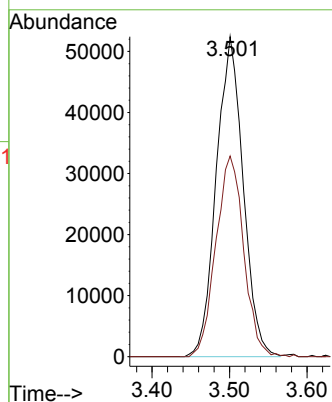
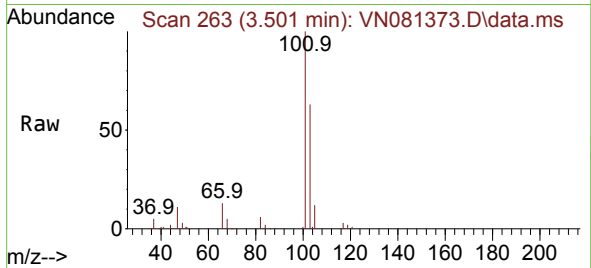




#7
 Trichlorofluoromethane
 Concen: 19.055 ug/l
 RT: 3.501 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN081373.D
 Acq: 12 Mar 2024 15:25

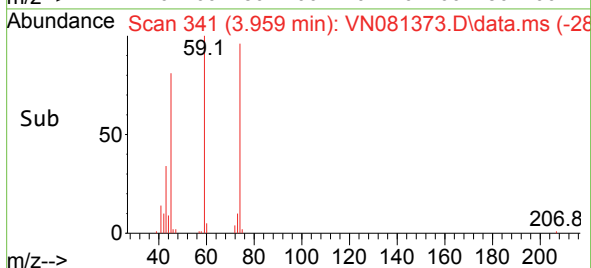
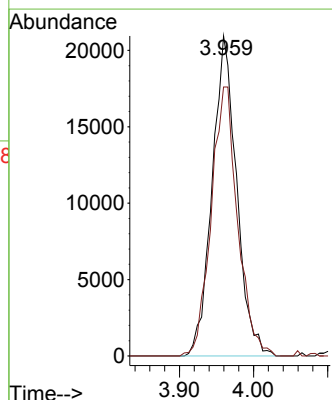
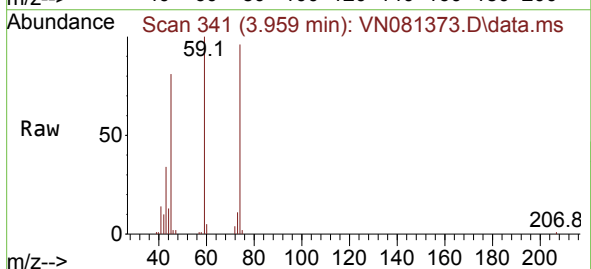
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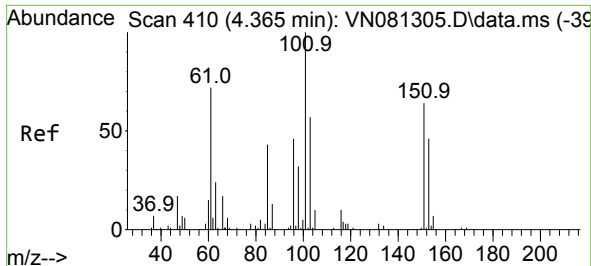
Tgt Ion:101 Resp: 126216
 Ion Ratio Lower Upper
 101 100
 103 62.7 54.4 81.6



#8
 Diethyl Ether
 Concen: 20.624 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN081373.D
 Acq: 12 Mar 2024 15:25

Tgt Ion: 74 Resp: 48131
 Ion Ratio Lower Upper
 74 100
 45 90.8 53.3 159.9

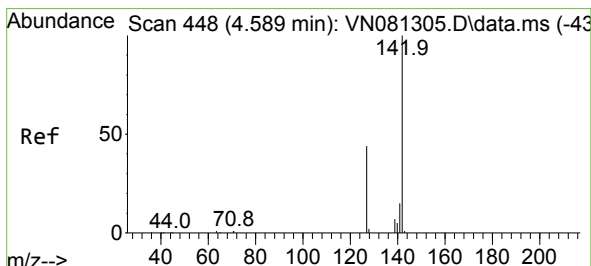
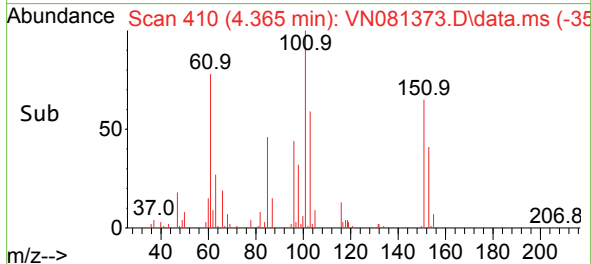
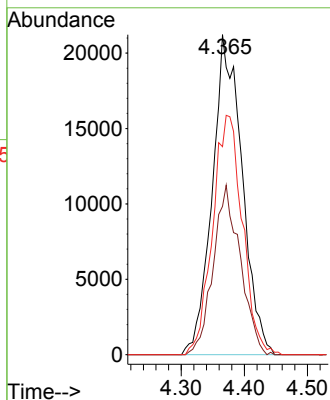
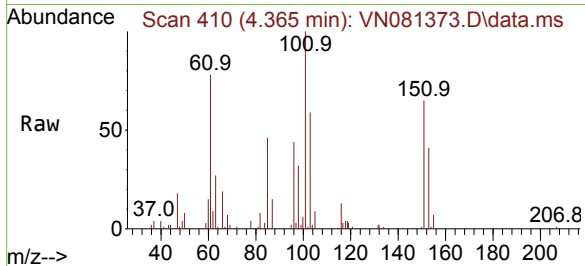




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.397 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN081373.D
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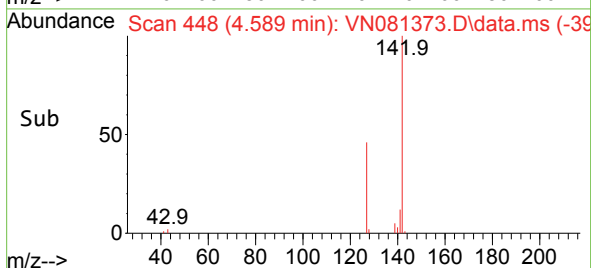
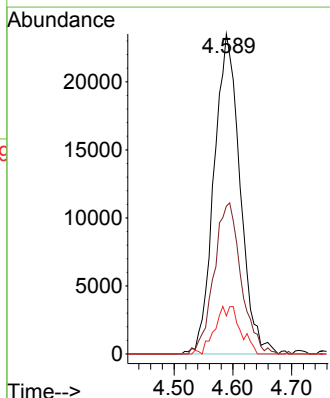
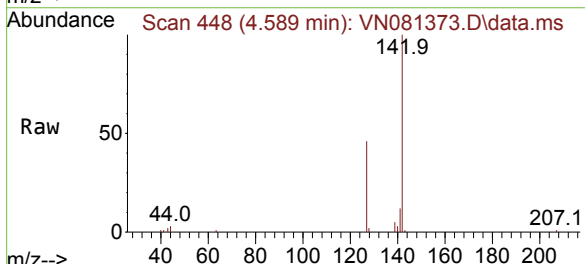
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MSVOA_N
ClientSampleId :
VN0312MBSD01

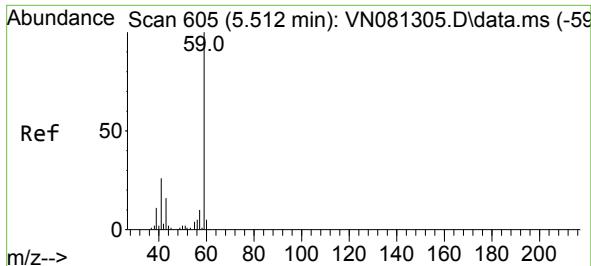
Tgt Ion:101 Resp: 69395
Ion Ratio Lower Upper
101 100
85 48.2 38.1 57.1
151 74.6 49.1 73.7#



#10
Methyl Iodide
Concen: 20.892 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

Tgt Ion:142 Resp: 72116
Ion Ratio Lower Upper
142 100
127 46.2 37.0 55.4
141 11.9 12.5 18.7#

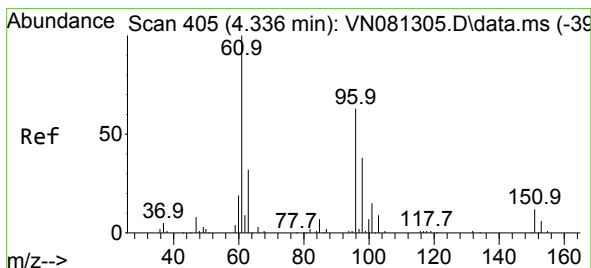
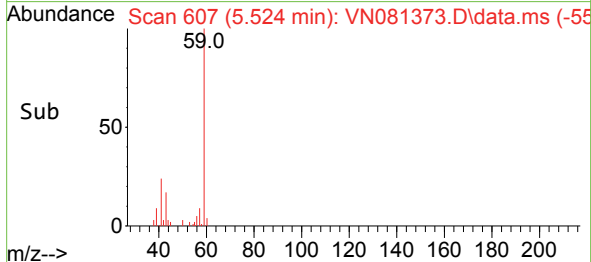
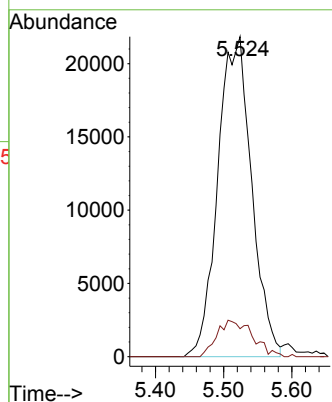
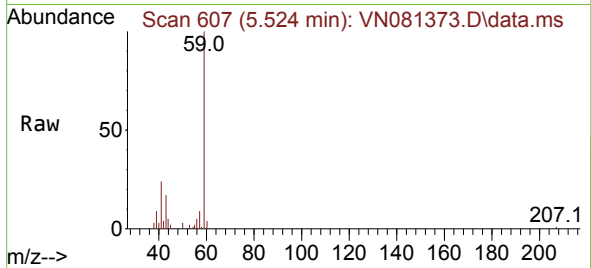




#11
Tert butyl alcohol
Concen: 99.219 ug/l
RT: 5.524 min Scan# 605
Delta R.T. 0.012 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

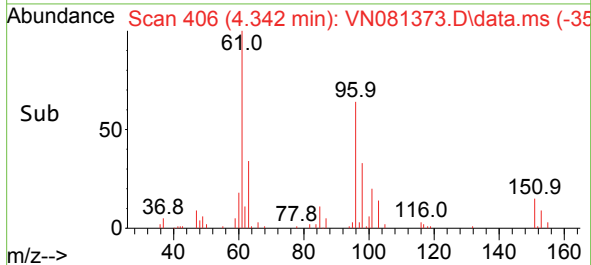
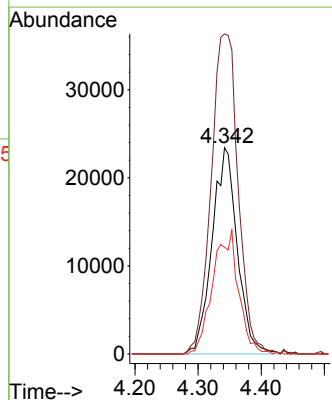
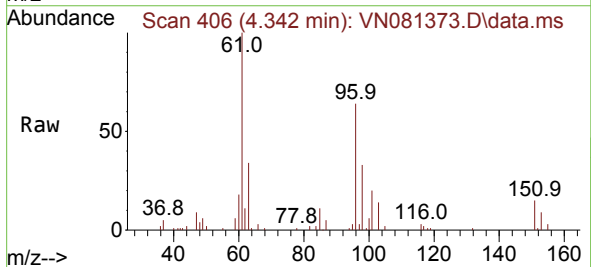
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBSD01

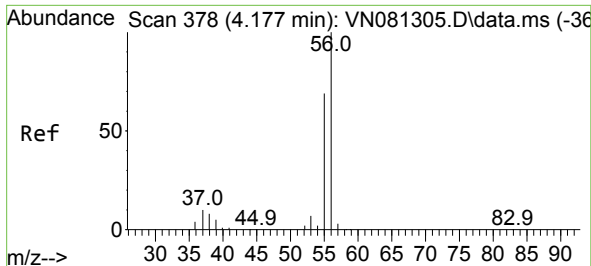
Tgt Ion: 59 Resp: 75193
Ion Ratio Lower Upper
59 100
57 12.0 8.6 12.8



#12
1,1-Dichloroethene
Concen: 18.607 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

Tgt Ion: 96 Resp: 64999
Ion Ratio Lower Upper
96 100
61 155.1 138.2 207.4
98 51.7 49.2 73.8

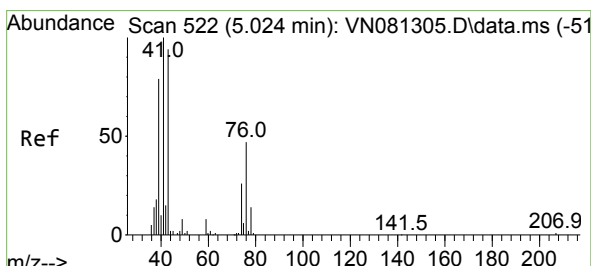
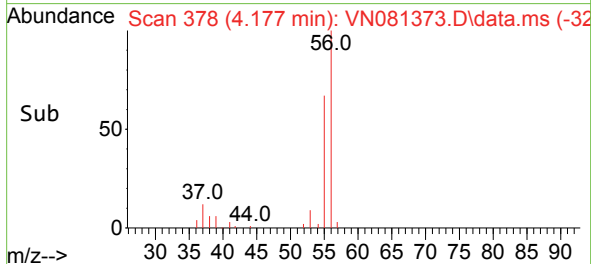
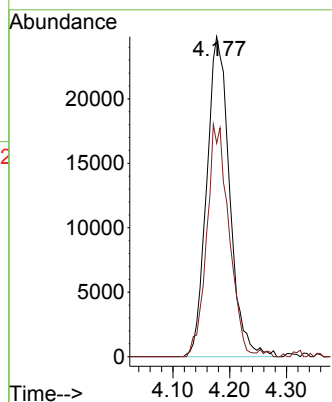
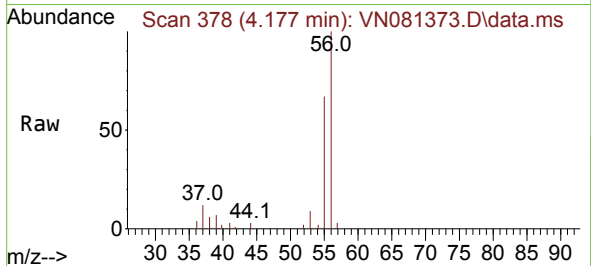




#13
Acrolein
Concen: 77.513 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

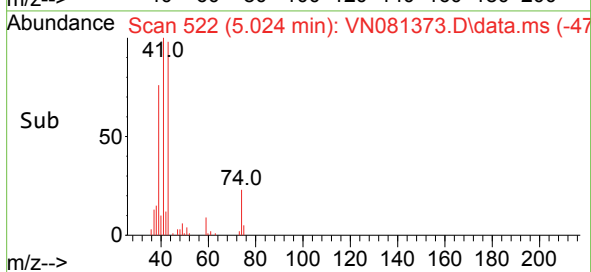
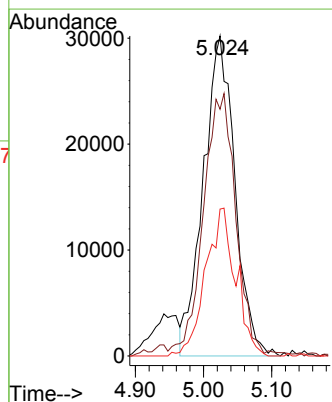
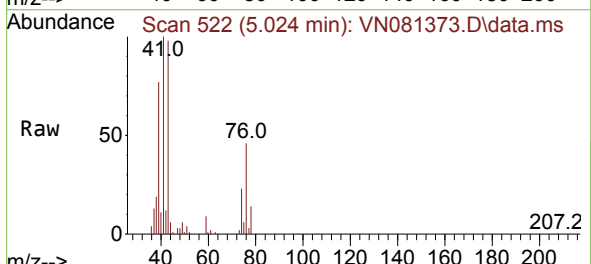
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBS01

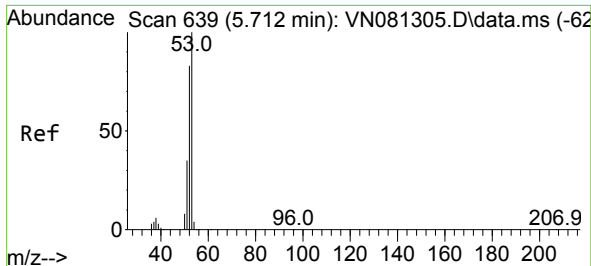
Tgt Ion: 56 Resp: 69559
Ion Ratio Lower Upper
56 100
55 70.2 55.3 82.9



#14
Allyl chloride
Concen: 18.793 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

Tgt Ion: 41 Resp: 97428
Ion Ratio Lower Upper
41 100
39 84.8 57.7 86.5
76 44.1 26.8 40.2#

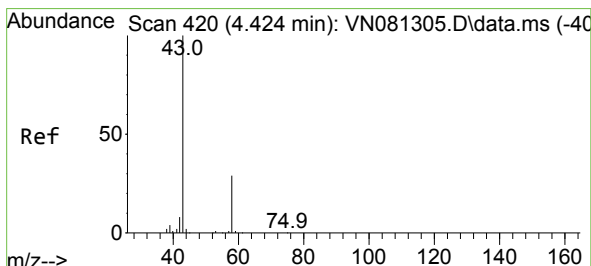
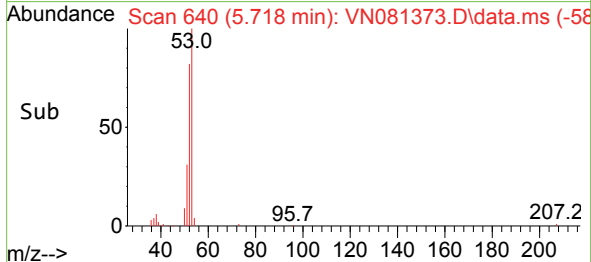
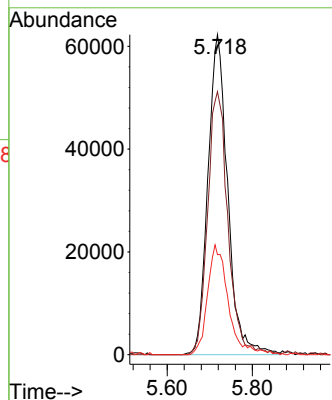
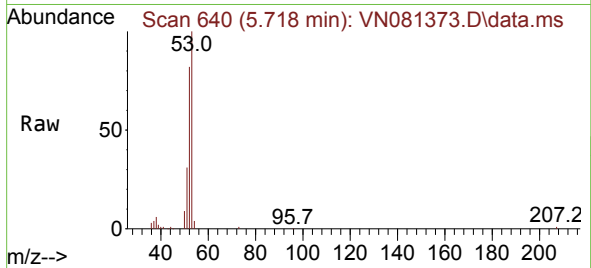




#15
Acrylonitrile
Concen: 101.342 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

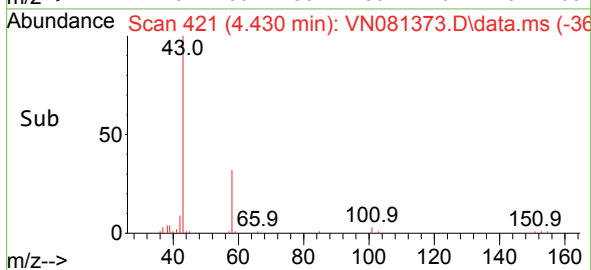
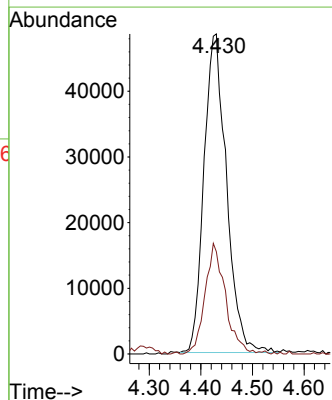
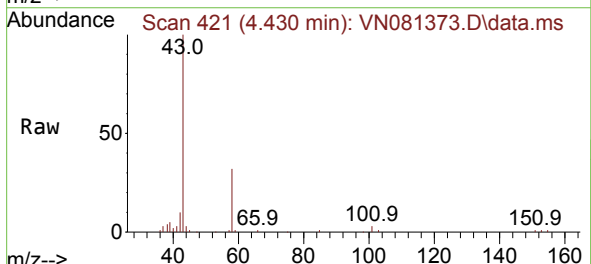
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBSD01

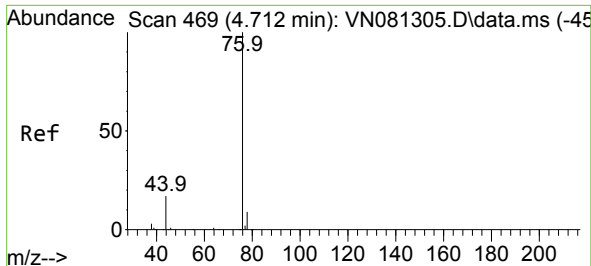
Tgt Ion: 53 Resp: 200640
Ion Ratio Lower Upper
53 100
52 84.4 64.8 97.2
51 35.1 26.9 40.3



#16
Acetone
Concen: 95.727 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

Tgt Ion: 43 Resp: 146998
Ion Ratio Lower Upper
43 100
58 32.1 24.8 37.2

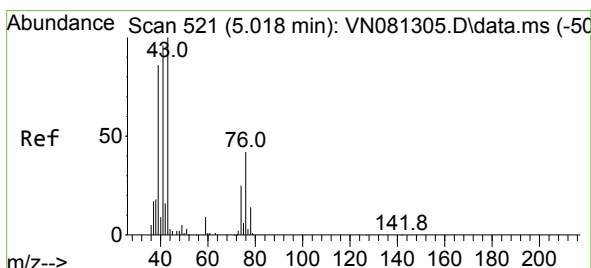
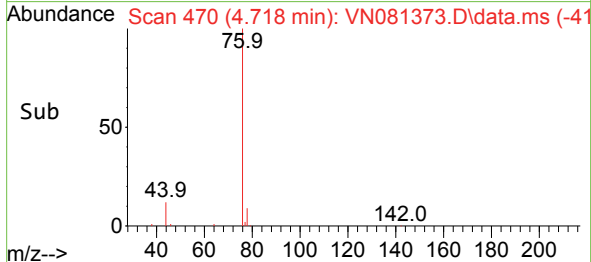
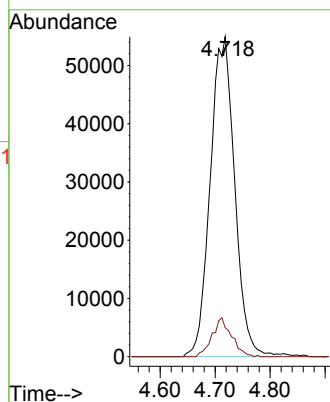
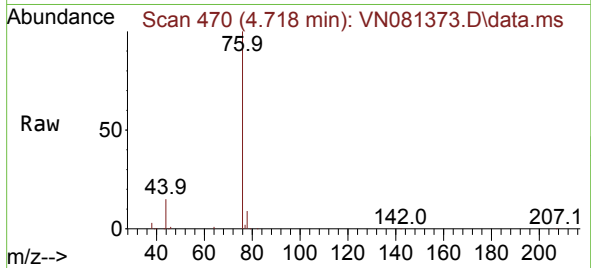




#17
Carbon Disulfide
Concen: 17.024 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

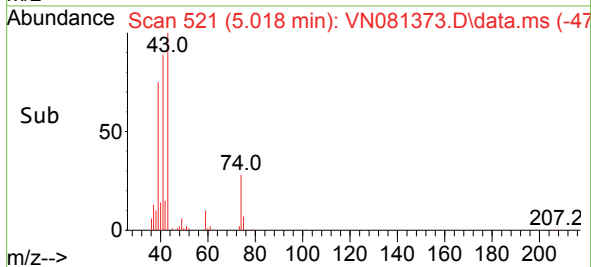
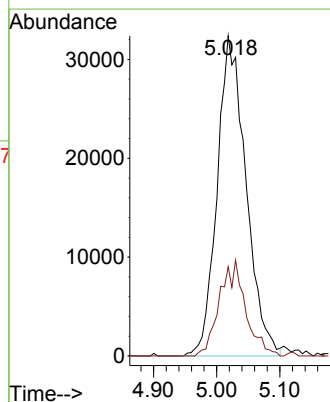
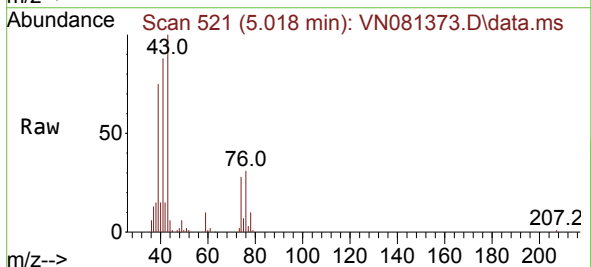
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBSD01

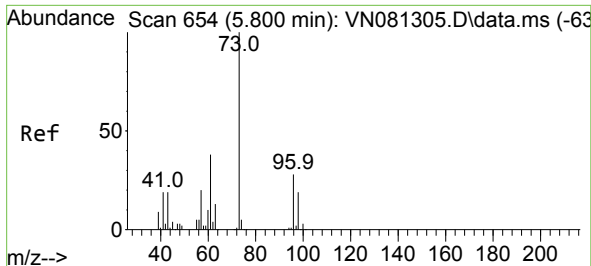
Tgt Ion: 76 Resp: 169736
Ion Ratio Lower Upper
76 100
78 9.1 6.3 9.5



#18
Methyl Acetate
Concen: 23.356 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

Tgt Ion: 43 Resp: 102683
Ion Ratio Lower Upper
43 100
74 14.1 17.3 25.9#

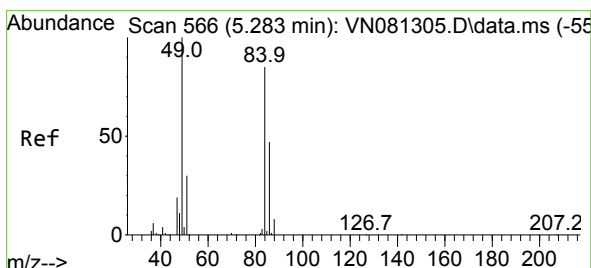
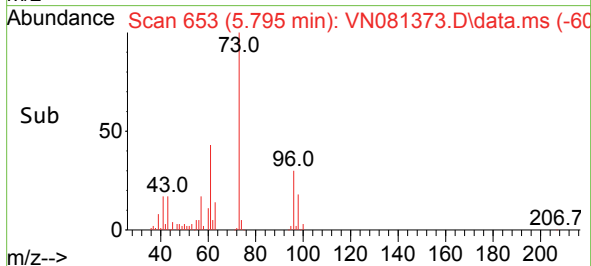
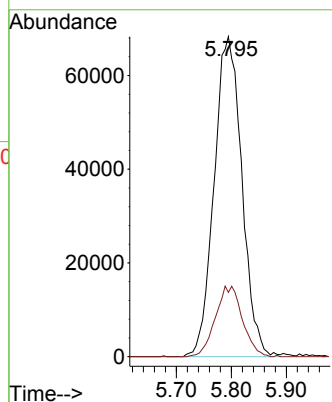
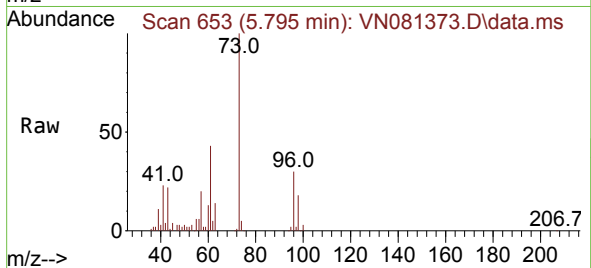




#19
Methyl tert-butyl Ether
Concen: 20.200 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

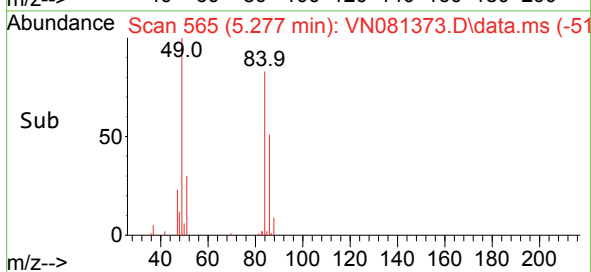
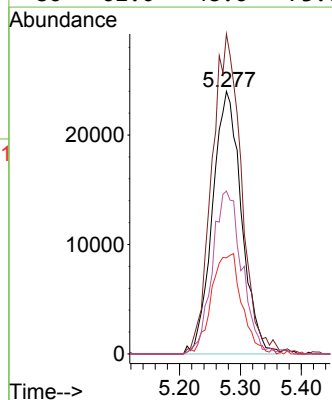
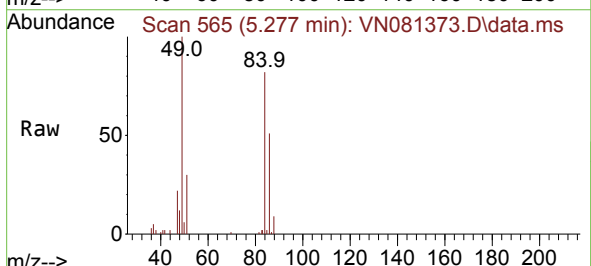
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBSD01

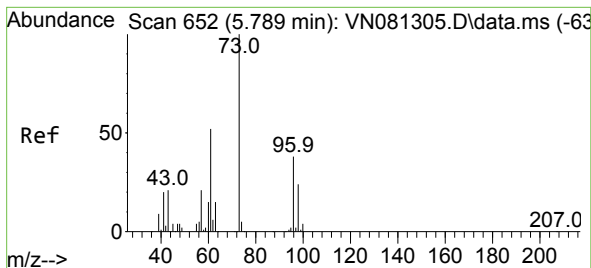
Tgt Ion: 73 Resp: 239317
Ion Ratio Lower Upper
73 100
57 20.1 18.2 27.4



#20
Methylene Chloride
Concen: 20.459 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

Tgt Ion: 84 Resp: 79422
Ion Ratio Lower Upper
84 100
49 121.9 108.1 162.1
51 36.7 32.9 49.3
86 62.0 48.6 73.0

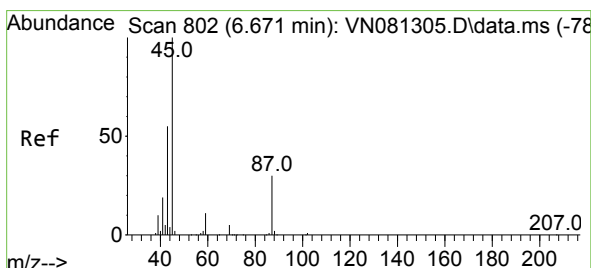
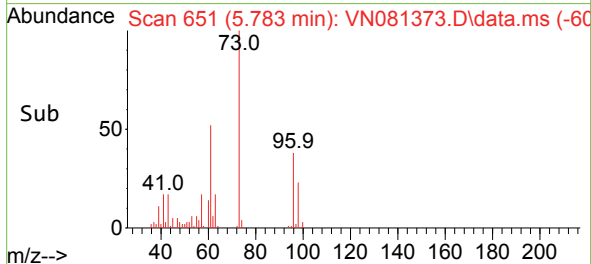
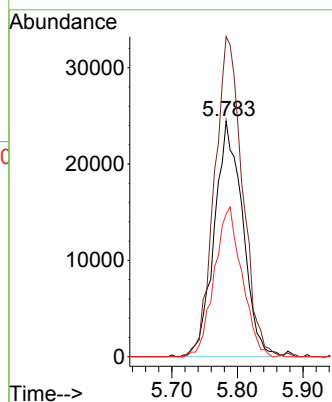
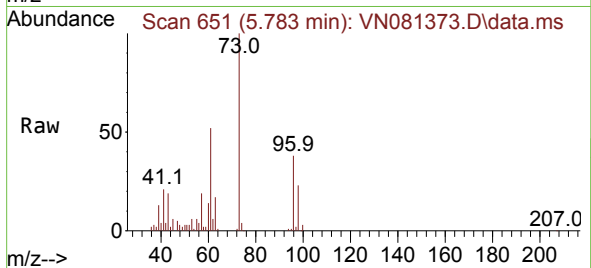




#21
trans-1,2-Dichloroethene
Concen: 18.569 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

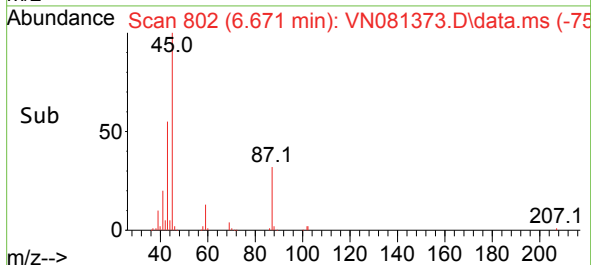
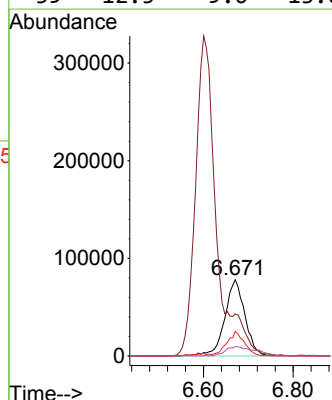
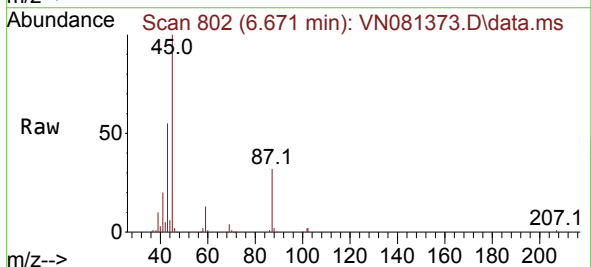
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBSD01

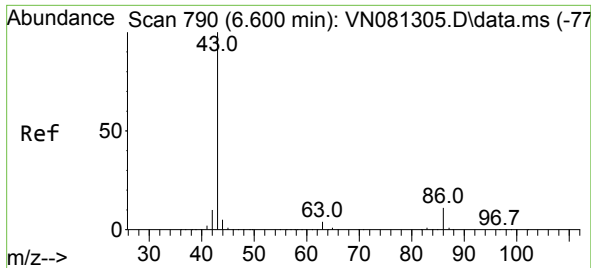
Tgt Ion: 96 Resp: 73134
Ion Ratio Lower Upper
96 100
61 135.8 112.8 169.2
98 60.4 51.0 76.4



#22
Diisopropyl ether
Concen: 21.031 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

Tgt Ion: 45 Resp: 242159
Ion Ratio Lower Upper
45 100
43 53.6 41.8 62.8
87 32.4 18.1 27.1#
59 12.5 9.0 13.6

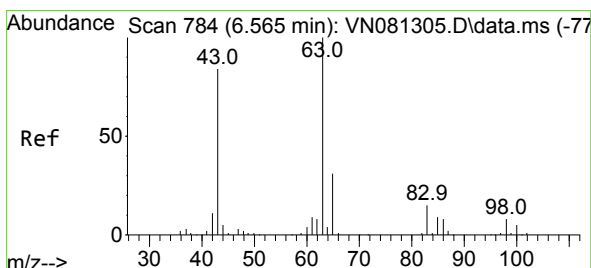
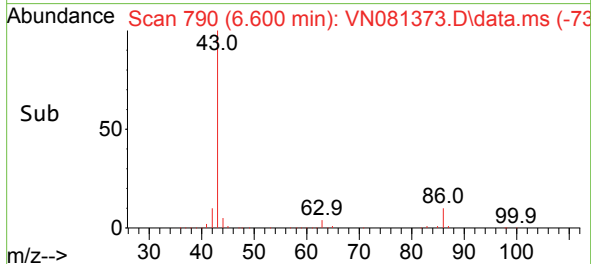
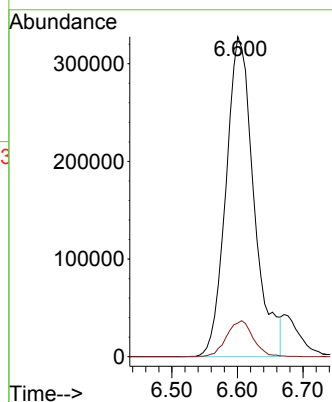
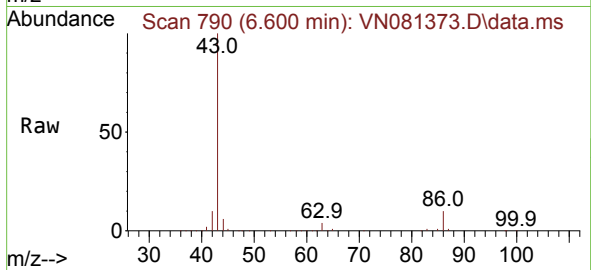




#23
 Vinyl Acetate
 Concen: 104.095 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081373.D
 Acq: 12 Mar 2024 15:25

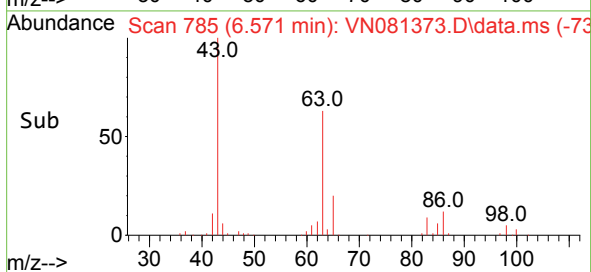
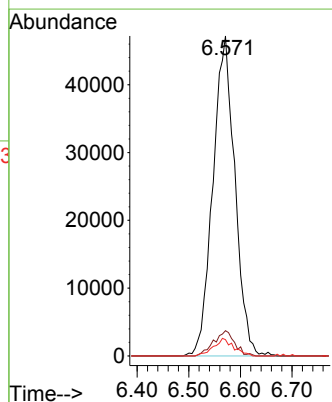
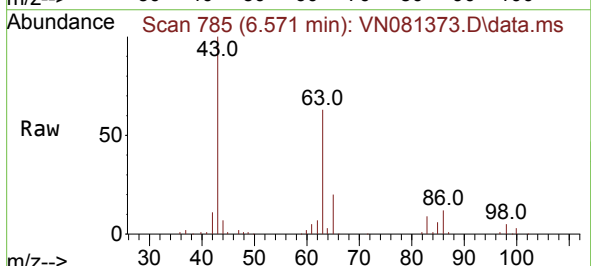
Instrument :
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 ClientSampleId :
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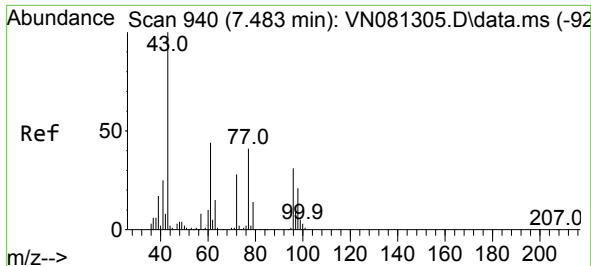
Tgt Ion: 43 Resp: 973742
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 19.815 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN081373.D
 Acq: 12 Mar 2024 15:25

Tgt Ion: 63 Resp: 139670
 Ion Ratio Lower Upper
 63 100
 98 7.9 2.9 8.6
 100 5.1 1.9 5.7

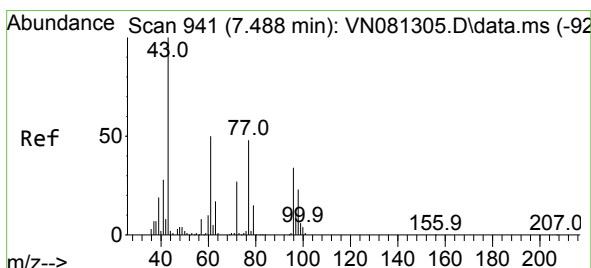
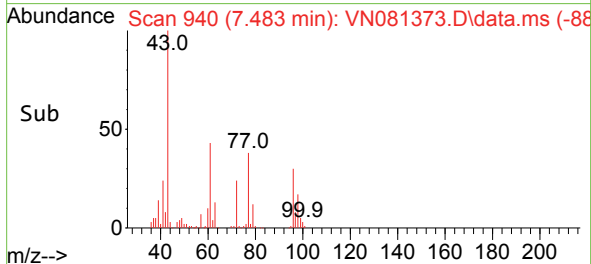
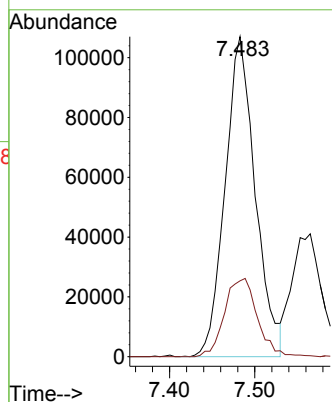
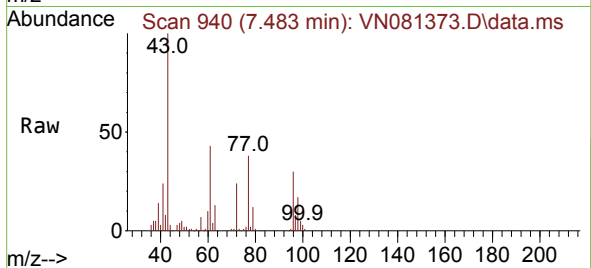




#25
2-Butanone
Concen: 102.341 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

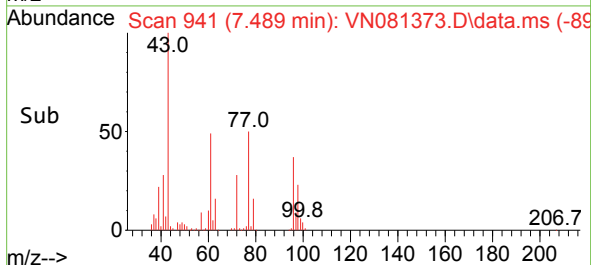
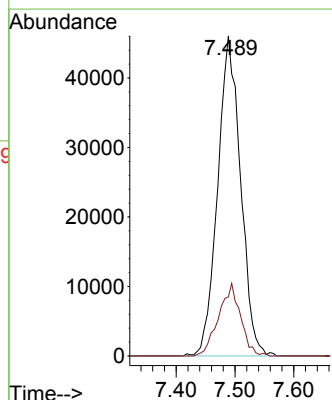
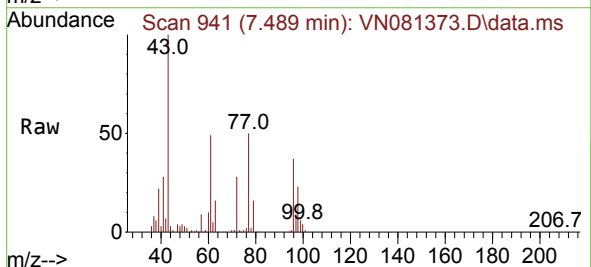
Instrument :
MSVOA_N
ClientSampleId :
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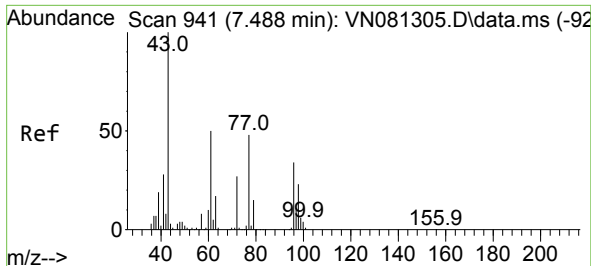
Tgt Ion: 43 Resp: 263184
Ion Ratio Lower Upper
43 100
72 23.7 19.5 29.3



#26
2,2-Dichloropropane
Concen: 20.025 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

Tgt Ion: 77 Resp: 124752
Ion Ratio Lower Upper
77 100
97 21.6 11.5 34.5

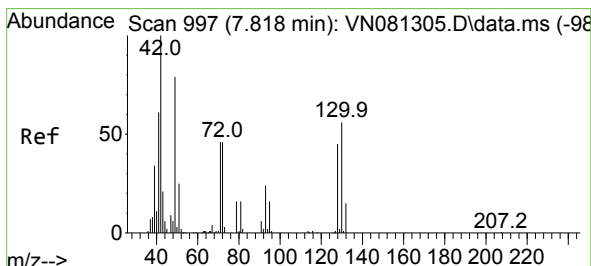
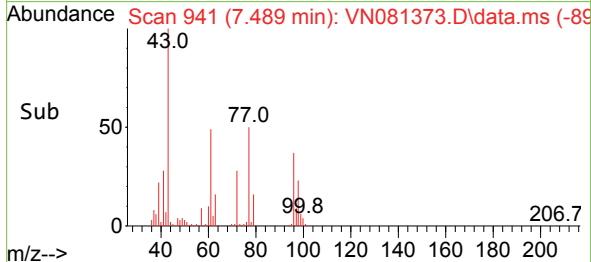
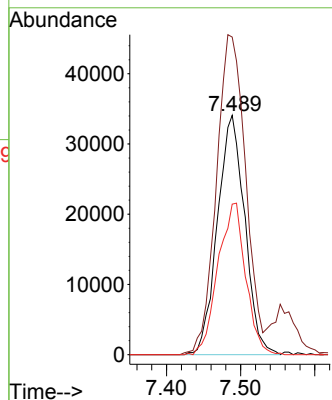
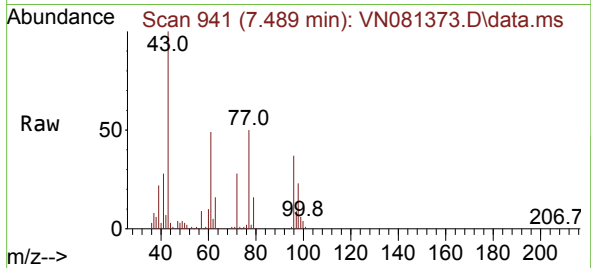




#27
 cis-1,2-Dichloroethene
 Concen: 19.524 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN081373.D
 Acq: 12 Mar 2024 15:25

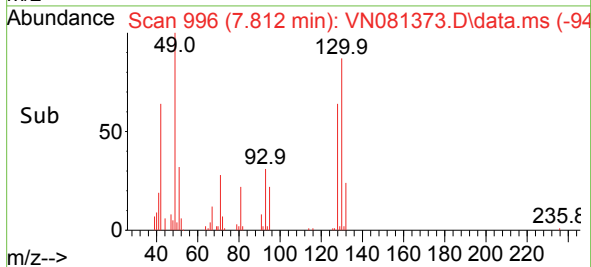
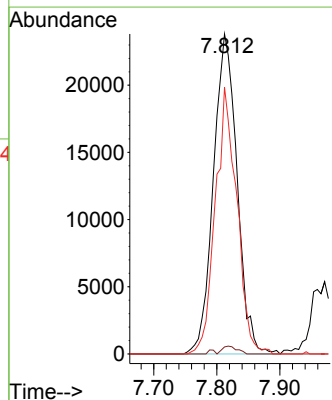
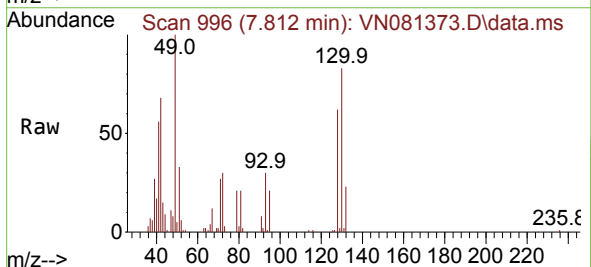
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312MBSD01

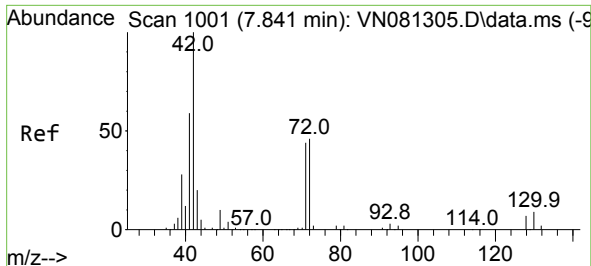
Tgt Ion: 96 Resp: 87178
 Ion Ratio Lower Upper
 96 100
 61 144.2 0.0 325.4
 98 64.2 0.0 130.4



#28
 Bromochloromethane
 Concen: 20.557 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN081373.D
 Acq: 12 Mar 2024 15:25

Tgt Ion: 49 Resp: 62001
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 1.6
 130 75.8 42.3 63.5#





#29

Tetrahydrofuran

Concen: 96.716 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN081373.D

Acq: 12 Mar 2024 15:25

Instrument :

MSVOA_N

ClientSampleId :

VN0312MBSD01

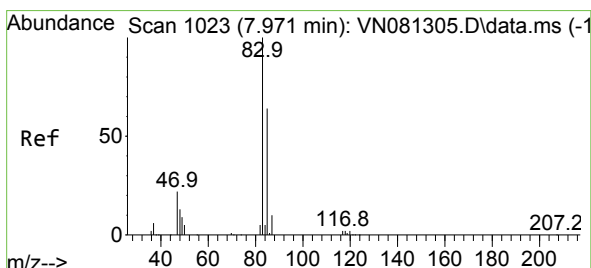
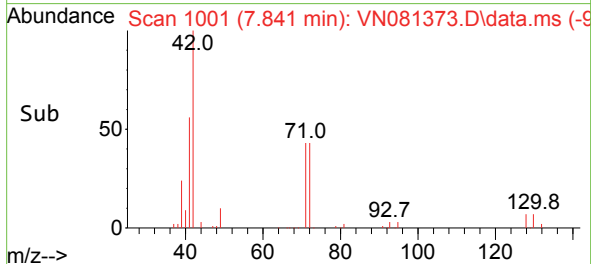
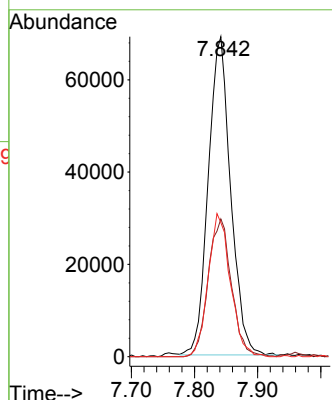
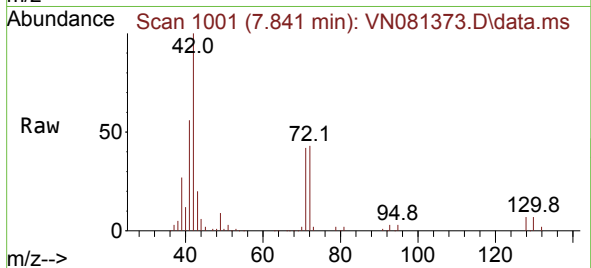
Tgt Ion: 42 Resp: 169600

Ion Ratio Lower Upper

42 100

72 45.0 31.1 46.7

71 44.6 28.3 42.5#



#30

Chloroform

Concen: 20.364 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN081373.D

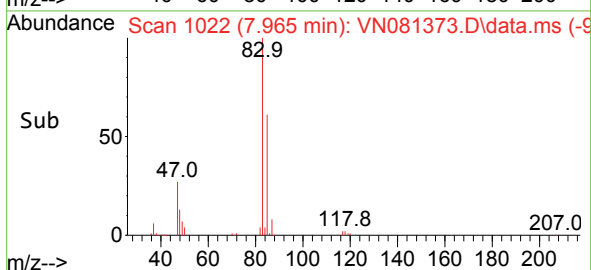
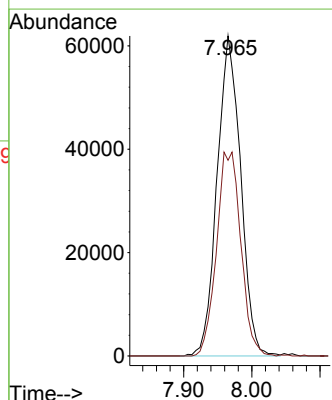
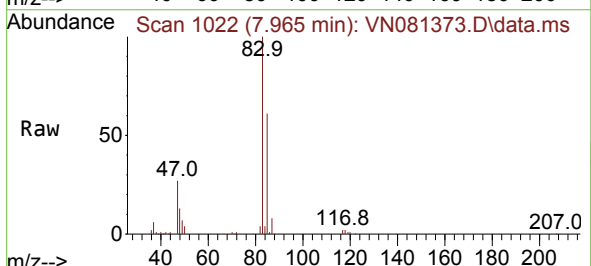
Acq: 12 Mar 2024 15:25

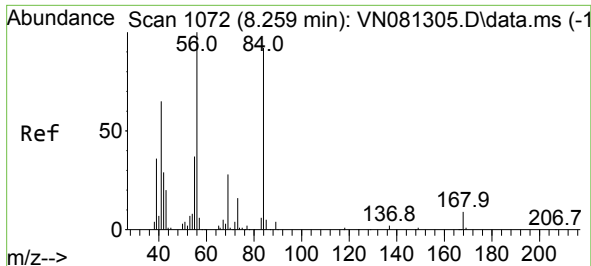
Tgt Ion: 83 Resp: 148951

Ion Ratio Lower Upper

83 100

85 61.2 51.0 76.6

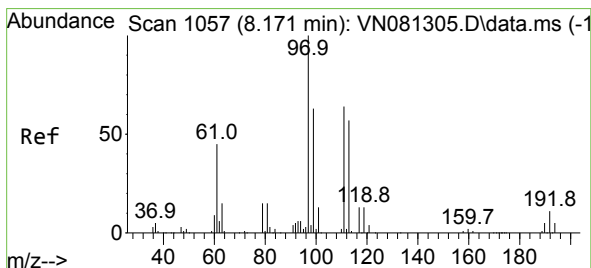
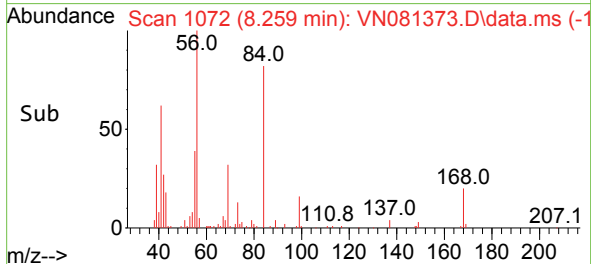
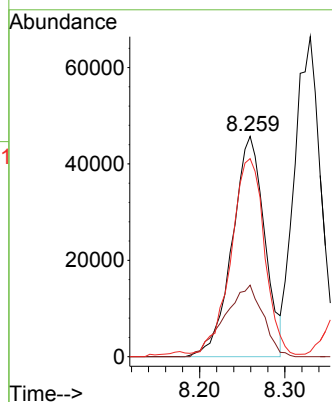
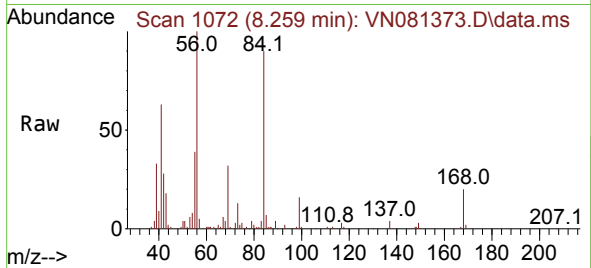




#31
Cyclohexane
Concen: 18.403 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

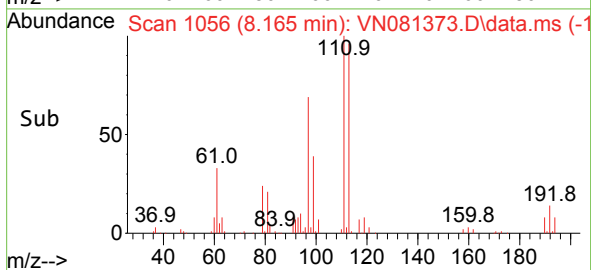
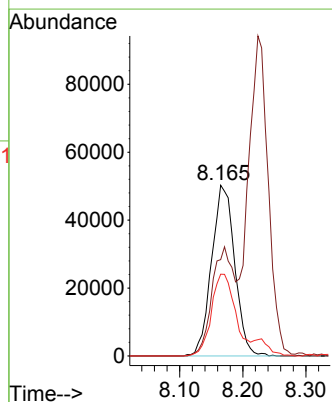
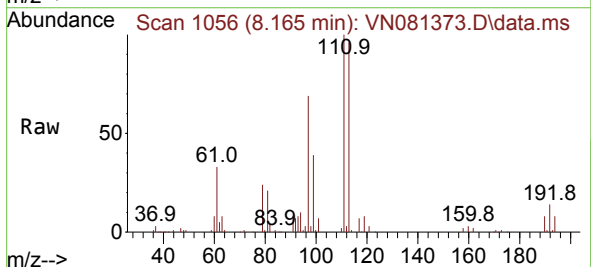
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBSD01

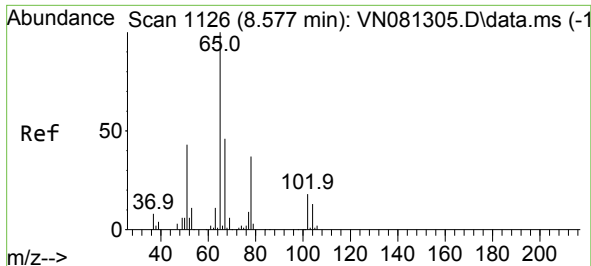
Tgt Ion: 56 Resp: 120757
Ion Ratio Lower Upper
56 100
69 32.4 20.1 30.1#
84 87.5 56.9 85.3#



#32
1,1,1-Trichloroethane
Concen: 19.771 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

Tgt Ion: 97 Resp: 127828
Ion Ratio Lower Upper
97 100
99 59.3 53.4 80.0
61 49.9 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 51.147 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081373.D

Acq: 12 Mar 2024 15:25

Instrument :

MSVOA_N

ClientSampleId :

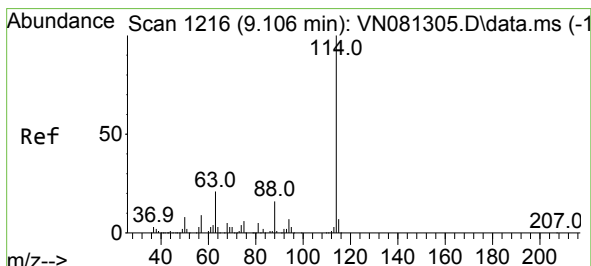
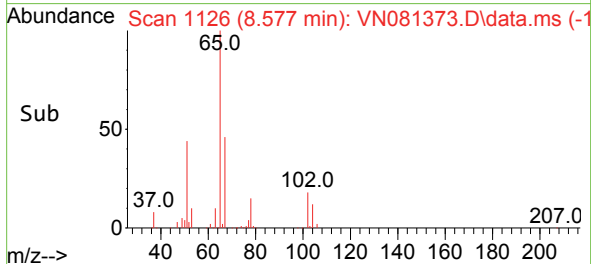
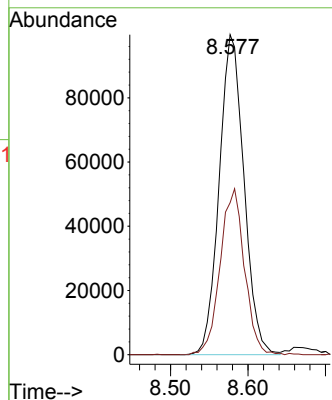
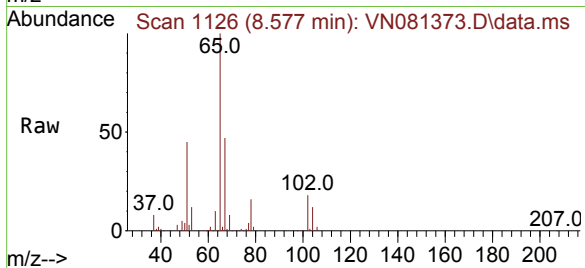
VN0312MBSD01

Tgt Ion: 65 Resp: 221674

Ion Ratio Lower Upper

65 100

67 50.7 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN081373.D

Acq: 12 Mar 2024 15:25

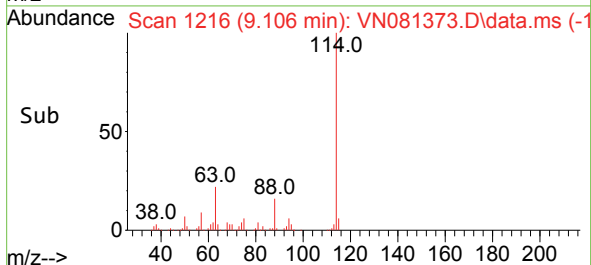
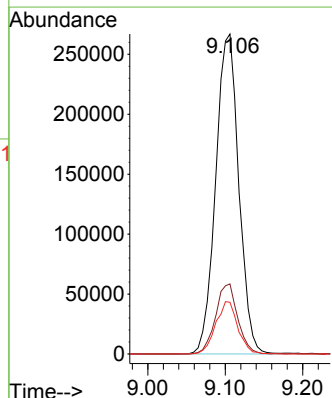
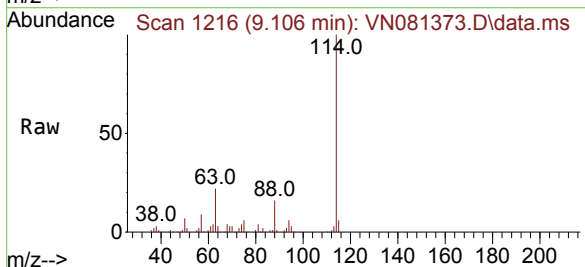
Tgt Ion: 114 Resp: 554023

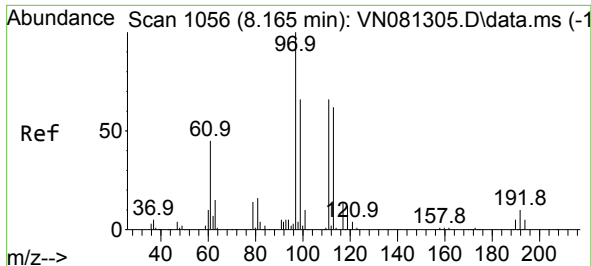
Ion Ratio Lower Upper

114 100

63 21.9 0.0 48.0

88 16.2 0.0 34.8

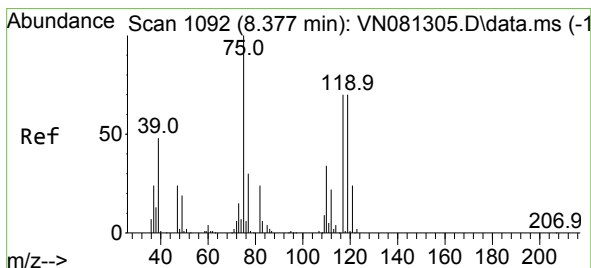
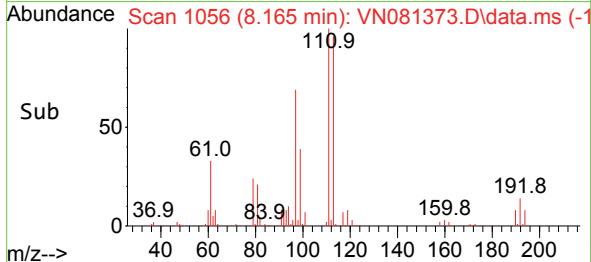
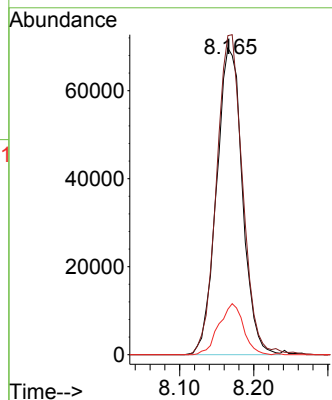
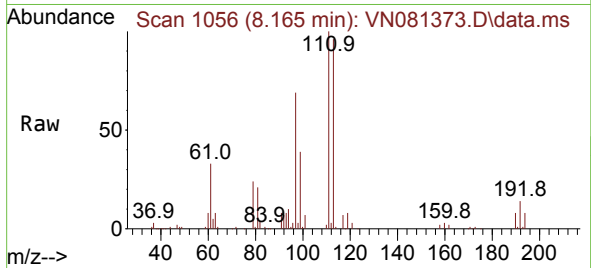




#35
Dibromofluoromethane
Concen: 49.875 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

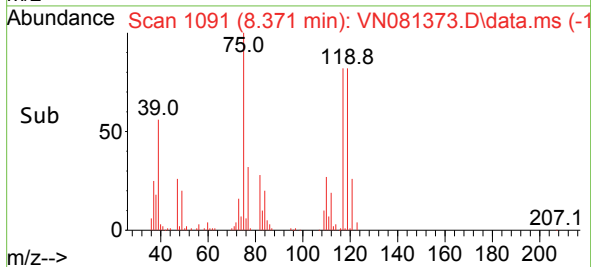
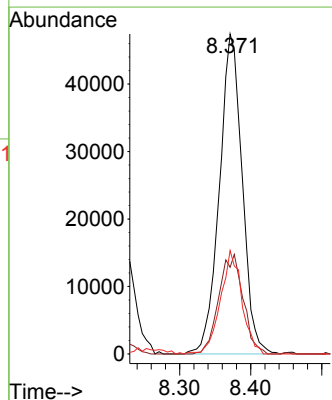
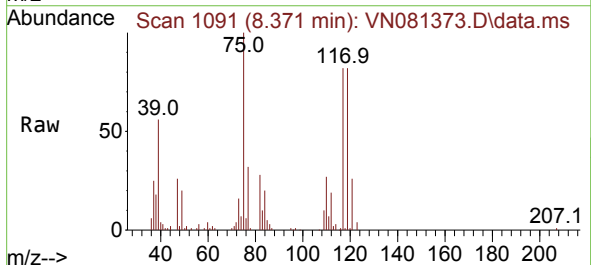
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBSD01

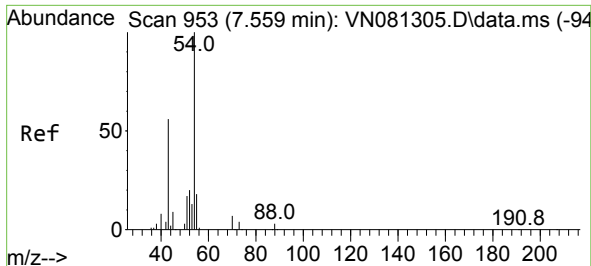
Tgt Ion:113 Resp: 169292
Ion Ratio Lower Upper
113 100
111 105.2 82.2 123.4
192 15.8 12.5 18.7



#36
1,1-Dichloropropene
Concen: 19.304 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

Tgt Ion: 75 Resp: 105708
Ion Ratio Lower Upper
75 100
110 33.2 16.0 48.0
77 30.3 25.8 38.6

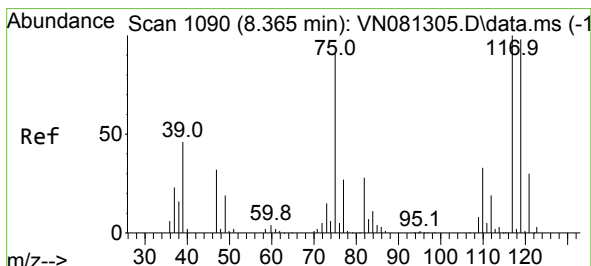
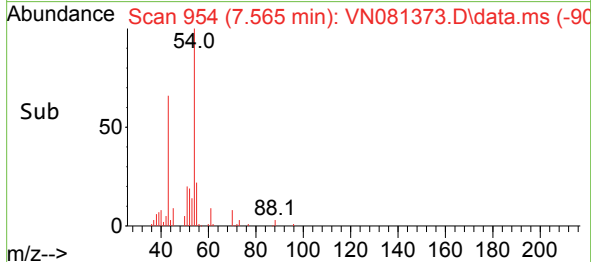
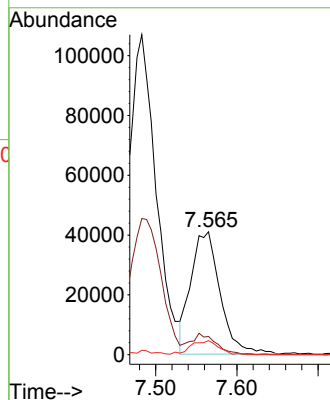
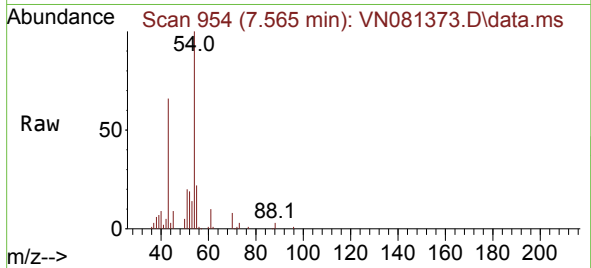




#37
Ethyl Acetate
Concen: 19.151 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

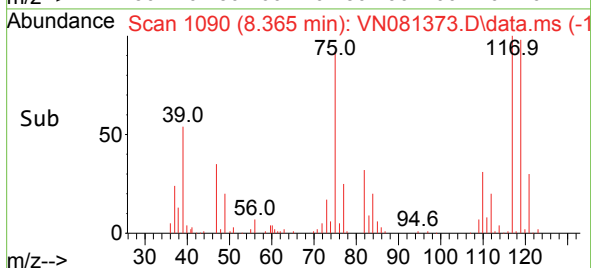
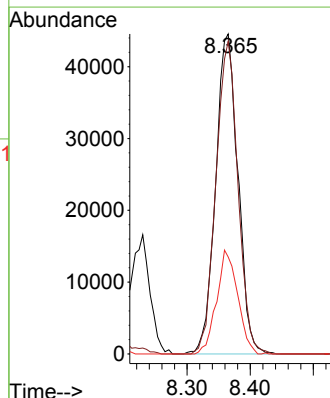
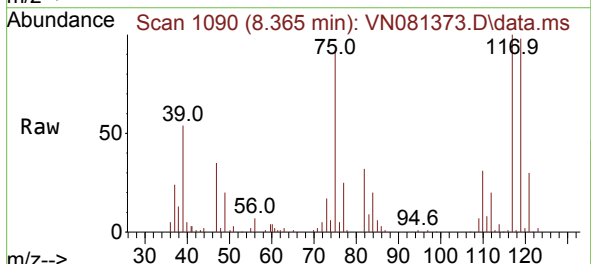
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBSD01

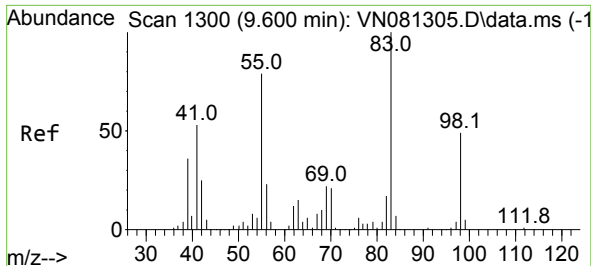
Tgt Ion: 43 Resp: 102515
Ion Ratio Lower Upper
43 100
61 14.3 10.6 15.8
70 10.9 8.0 12.0



#38
Carbon Tetrachloride
Concen: 19.875 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

Tgt Ion: 117 Resp: 109536
Ion Ratio Lower Upper
117 100
119 97.7 73.4 110.2
121 30.3 24.4 36.6

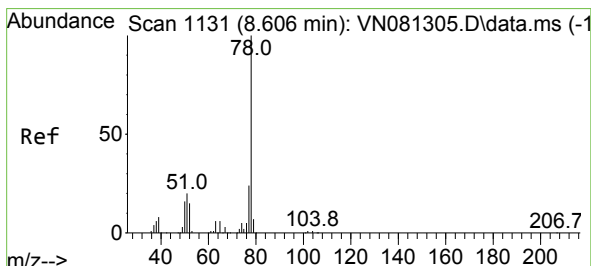
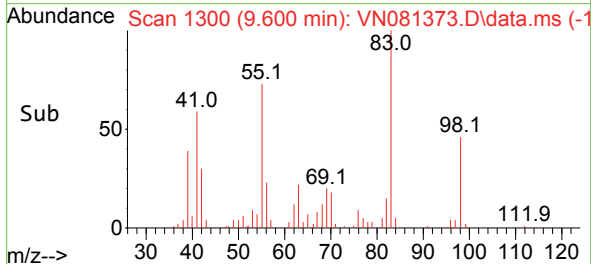
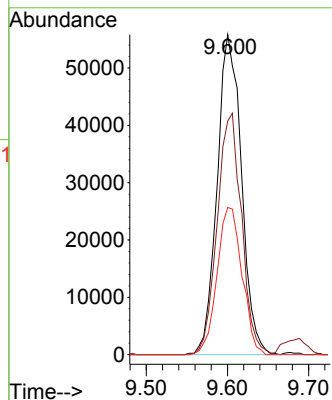
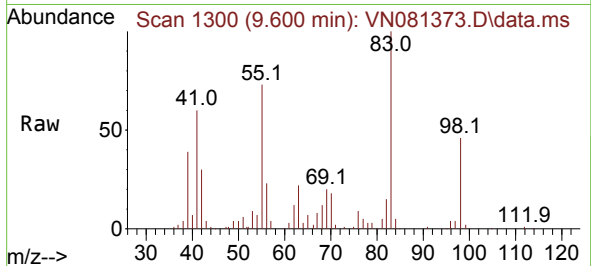




#39
Methylcyclohexane
Concen: 18.448 ug/l
RT: 9.600 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

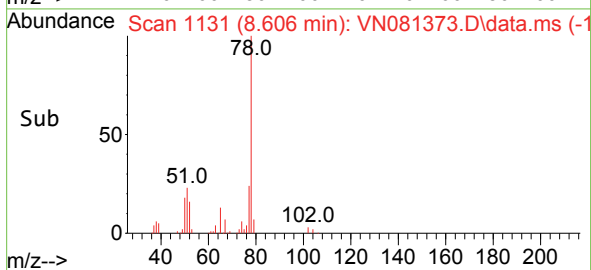
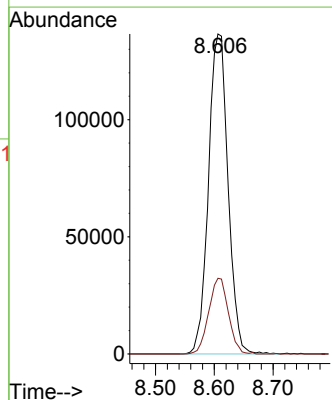
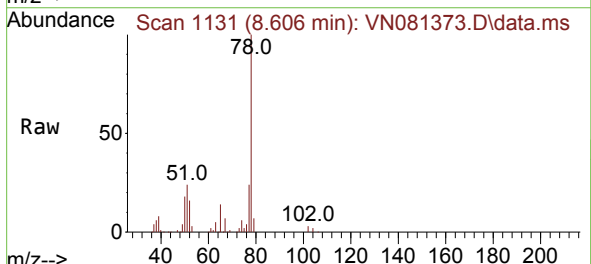
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBSD01

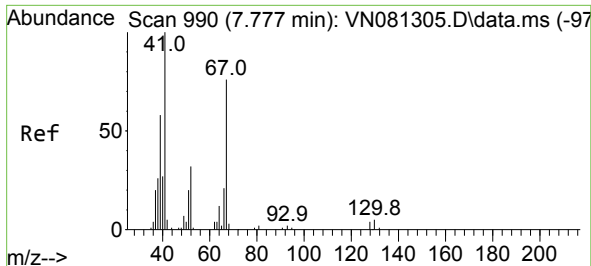
Tgt Ion: 83 Resp: 116264
Ion Ratio Lower Upper
83 100
55 73.0 65.7 98.5
98 46.0 33.8 50.6



#40
Benzene
Concen: 19.313 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

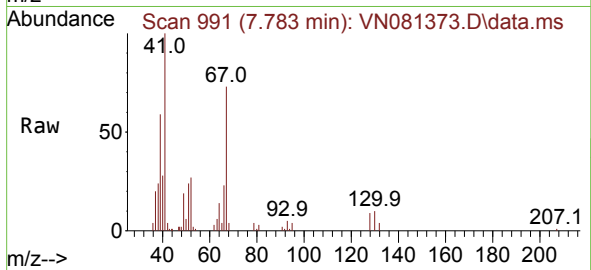
Tgt Ion: 78 Resp: 315675
Ion Ratio Lower Upper
78 100
77 23.7 20.4 30.6



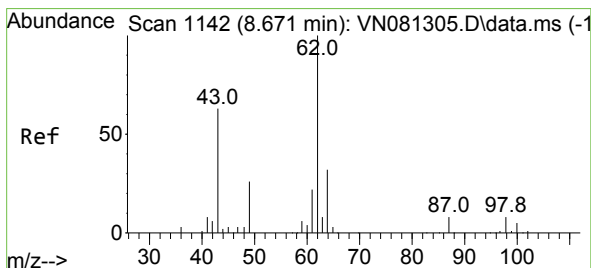
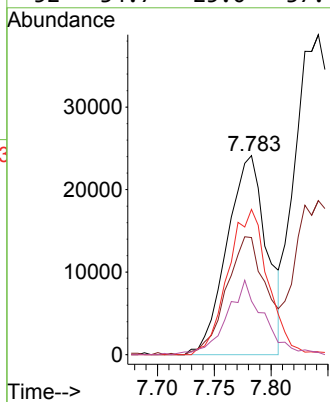
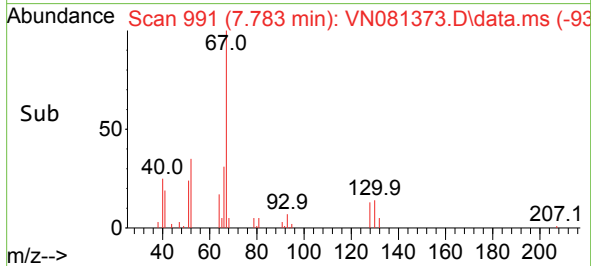


#41
Methacrylonitrile
Concen: 19.414 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

Instrument :
MSVOA_N
ClientSampleId :
VN0312MBSD01

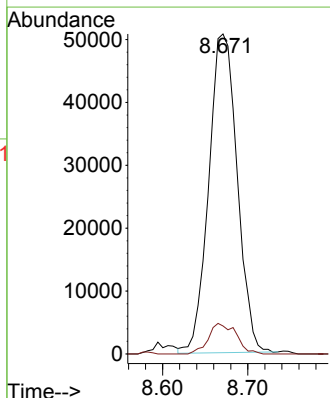
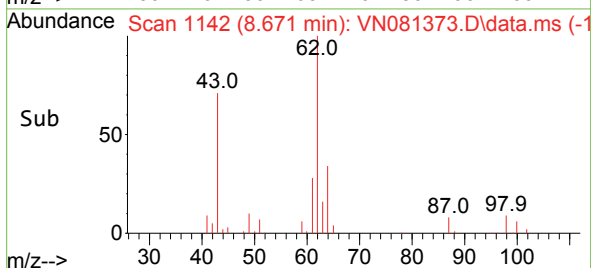
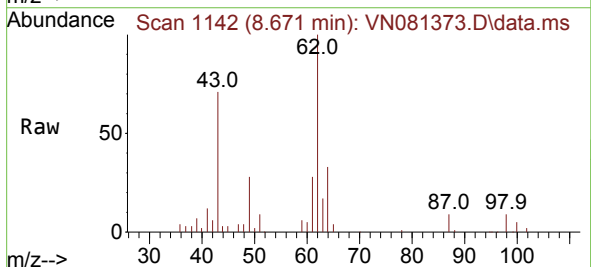


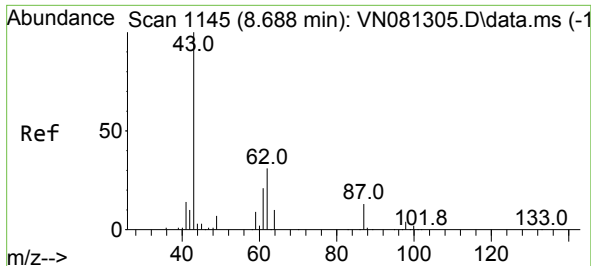
Tgt Ion:	41	Resp:	58689
Ion	Ratio	Lower	Upper
41	100		
39	59.1	48.4	72.6
67	73.7	56.8	85.2
52	34.7	25.0	37.4



#42
1,2-Dichloroethane
Concen: 20.449 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

Tgt Ion:	62	Resp:	117853
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.0

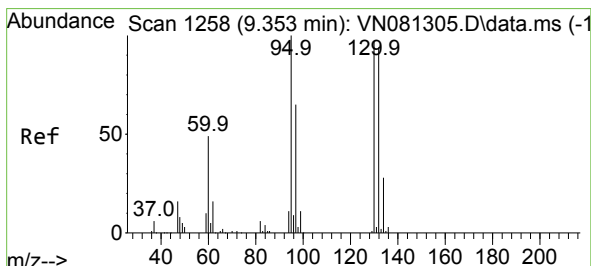
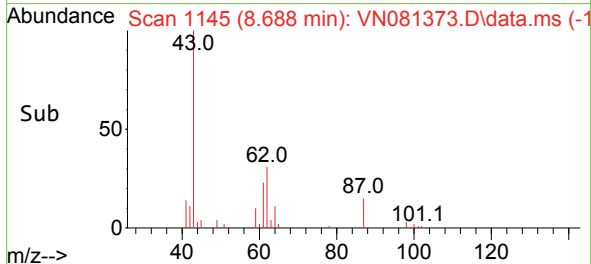
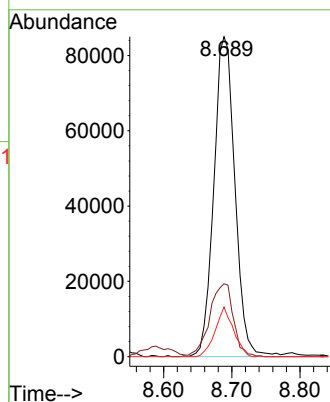
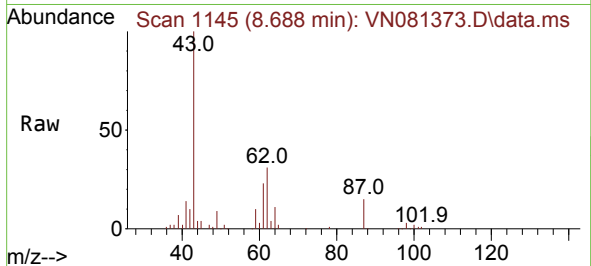




#43
Isopropyl Acetate
Concen: 19.524 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

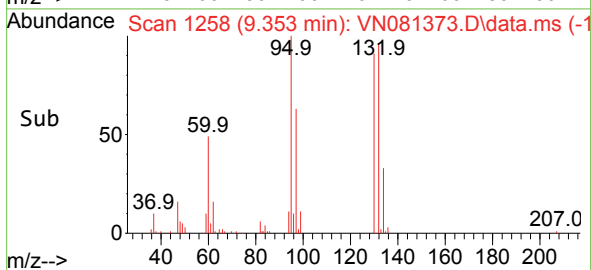
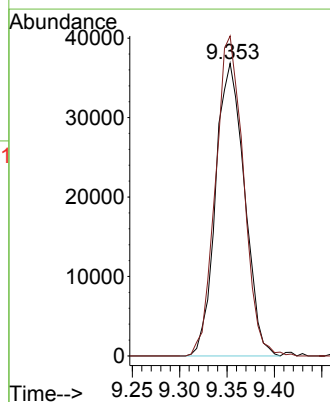
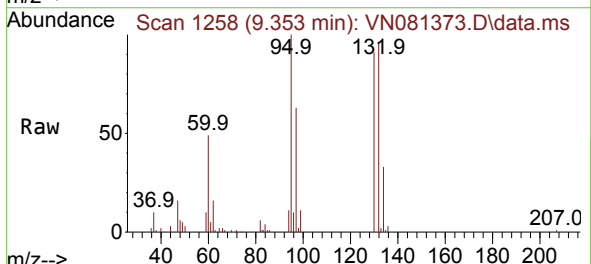
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBSD01

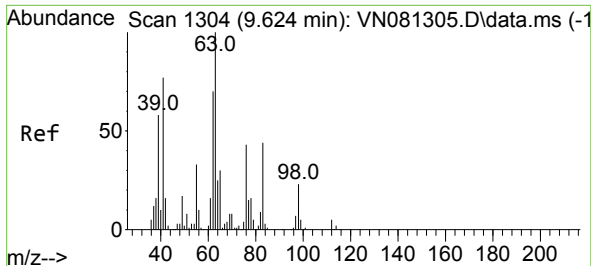
Tgt Ion: 43 Resp: 182930
Ion Ratio Lower Upper
43 100
61 25.5 19.9 29.9
87 13.5 9.0 13.6



#44
Trichloroethene
Concen: 18.954 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

Tgt Ion:130 Resp: 78138
Ion Ratio Lower Upper
130 100
95 109.4 0.0 210.4





#45

1,2-Dichloropropane

Concen: 19.882 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081373.D

Acq: 12 Mar 2024 15:25

Instrument :

MSVOA_N

ClientSampleId :

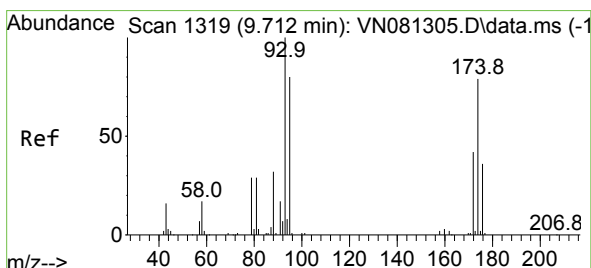
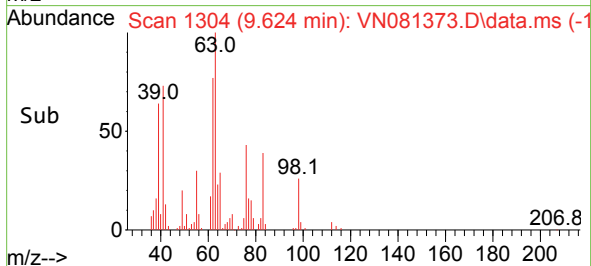
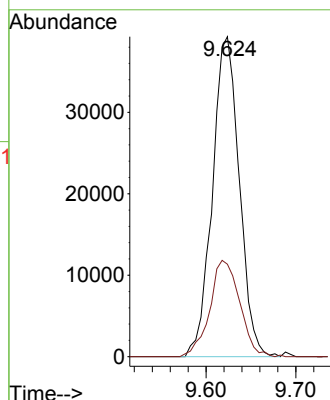
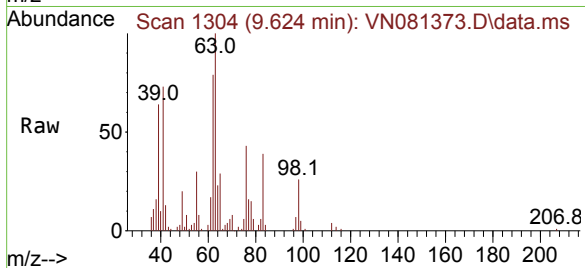
VN0312MBSD01

Tgt Ion: 63 Resp: 81639

Ion Ratio Lower Upper

63 100

65 28.9 26.1 39.1



#46

Dibromomethane

Concen: 20.308 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN081373.D

Acq: 12 Mar 2024 15:25

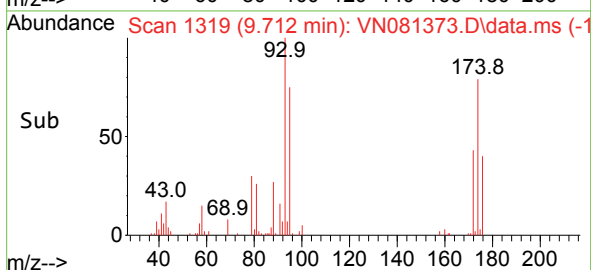
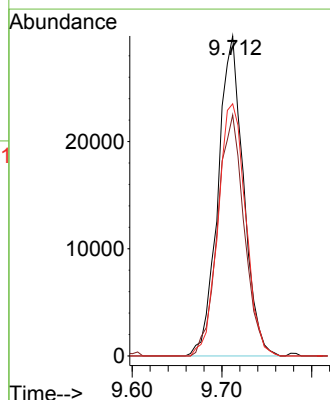
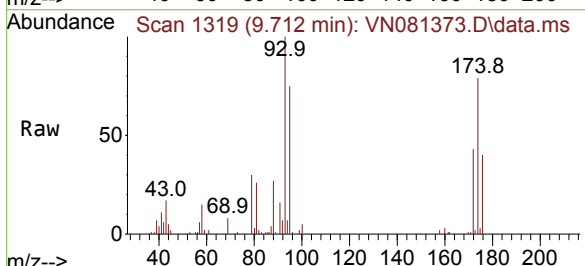
Tgt Ion: 93 Resp: 58775

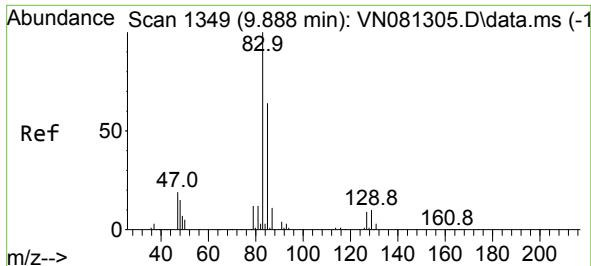
Ion Ratio Lower Upper

93 100

95 78.6 68.1 102.1

174 85.2 57.2 85.8





#47

Bromodichloromethane

Concen: 20.577 ug/l

RT: 9.888 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081373.D

Acq: 12 Mar 2024 15:25

Instrument :

MSVOA_N

ClientSampleId :

VN0312MBSD01

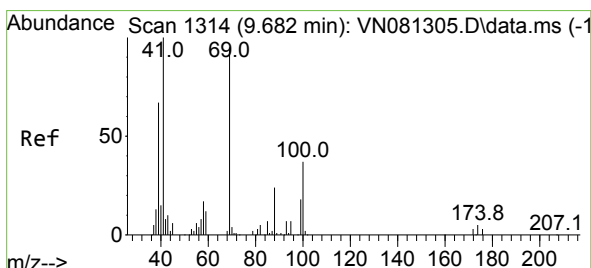
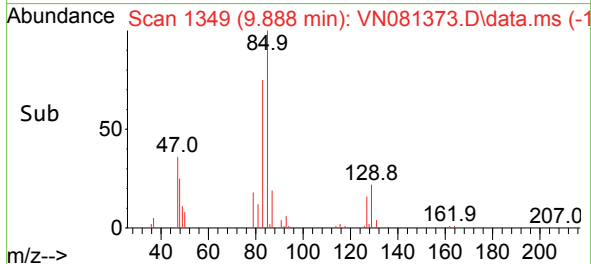
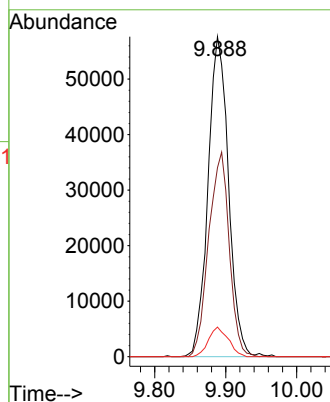
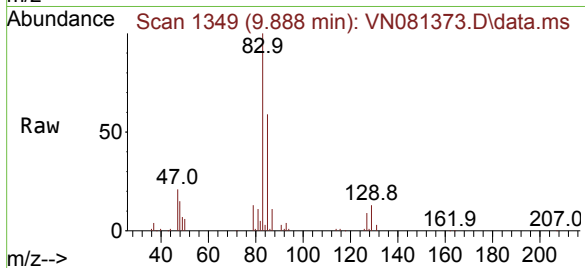
Tgt Ion: 83 Resp: 115617

Ion Ratio Lower Upper

83 100

85 59.0 52.3 78.5

127 9.2 4.6 7.0#



#48

Methyl methacrylate

Concen: 20.298 ug/l

RT: 9.683 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN081373.D

Acq: 12 Mar 2024 15:25

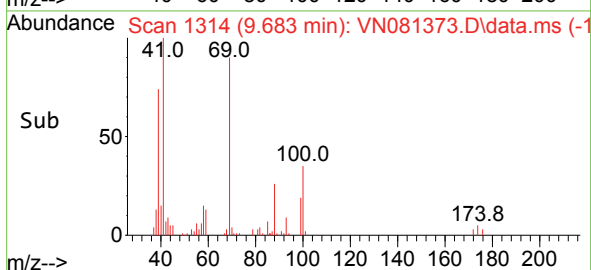
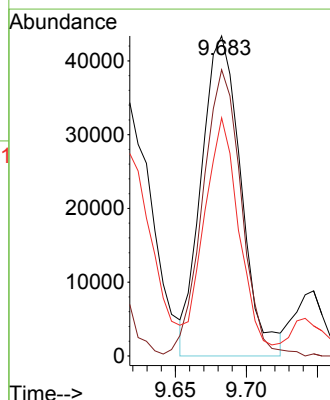
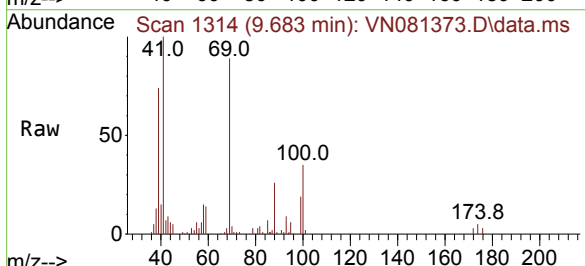
Tgt Ion: 41 Resp: 84062

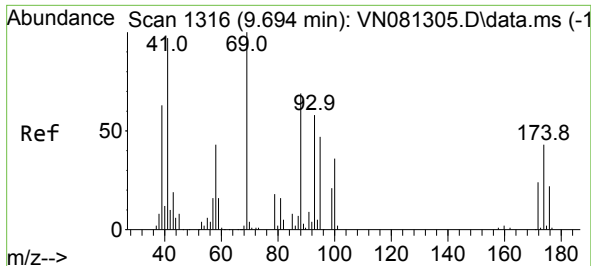
Ion Ratio Lower Upper

41 100

69 87.7 62.2 93.2

39 66.2 47.6 71.4





#49

1,4-Dioxane

Concen: 395.344 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN081373.D

Acq: 12 Mar 2024 15:25

Instrument :

MSVOA_N

ClientSampleId :

VN0312MBSD01

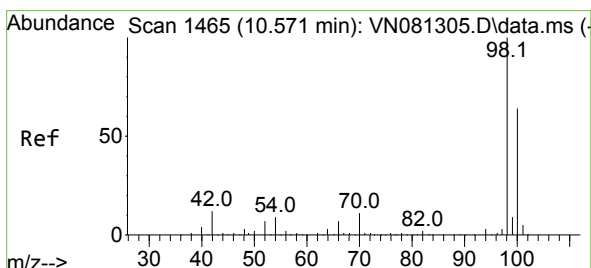
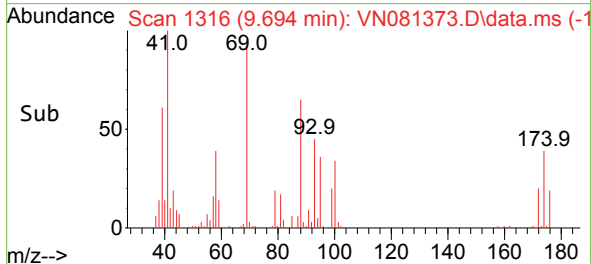
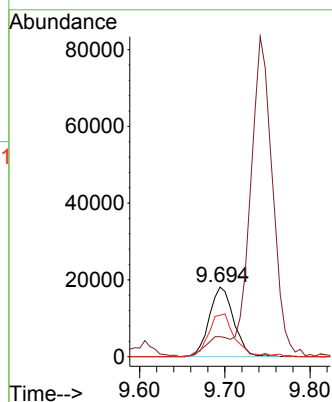
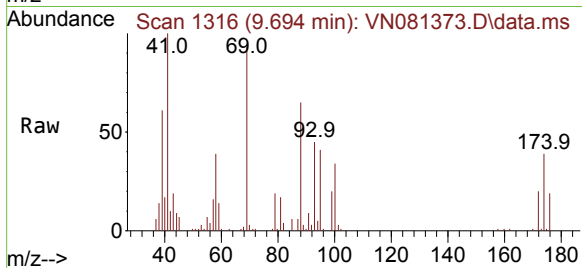
Tgt Ion: 88 Resp: 36088

Ion Ratio Lower Upper

88 100

43 28.7 30.1 45.1#

58 64.0 63.9 95.9



#50

Toluene-d8

Concen: 48.783 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN081373.D

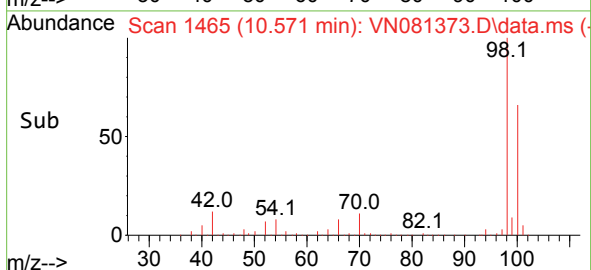
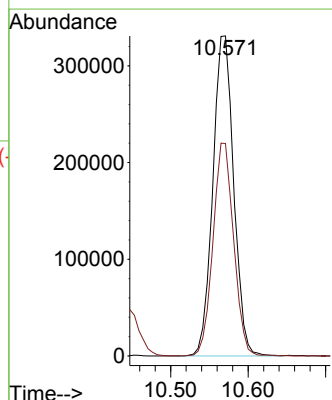
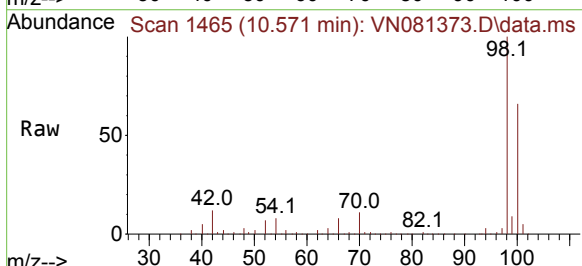
Acq: 12 Mar 2024 15:25

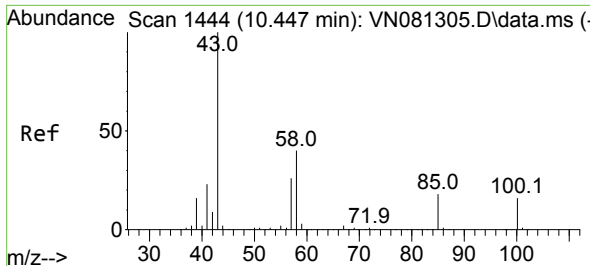
Tgt Ion: 98 Resp: 618996

Ion Ratio Lower Upper

98 100

100 65.9 51.4 77.0

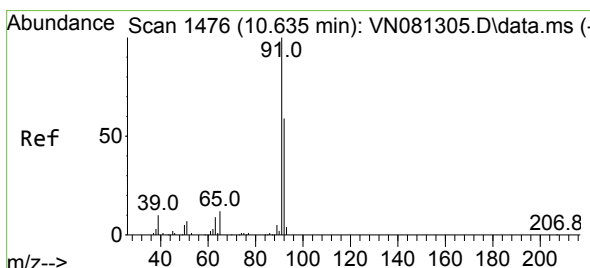
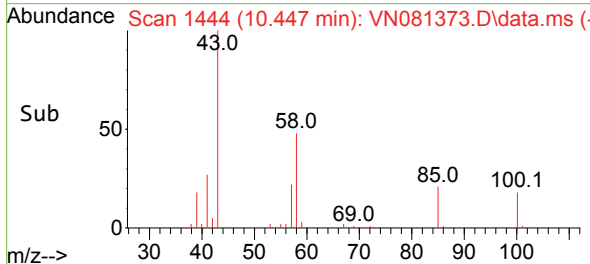
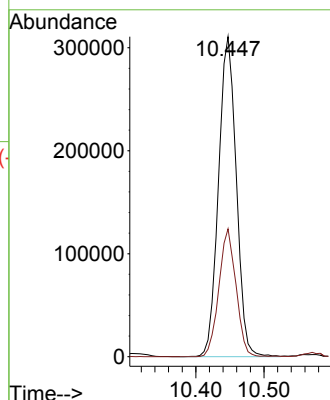
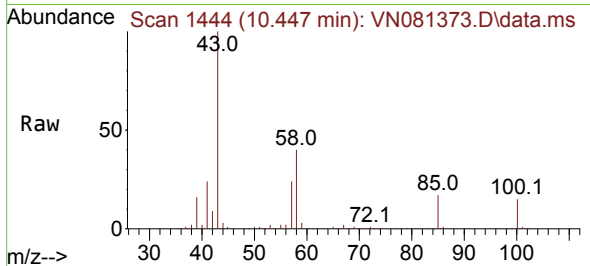




#51
4-Methyl-2-Pentanone
Concen: 103.736 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

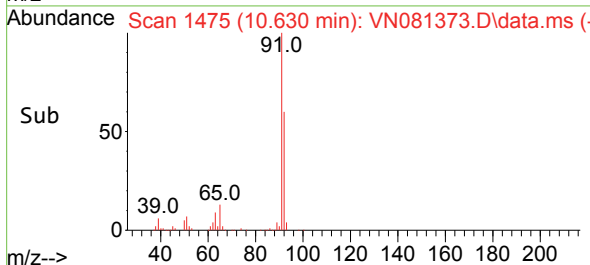
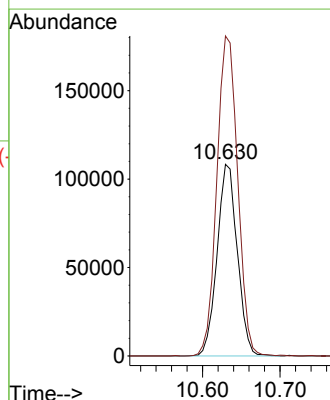
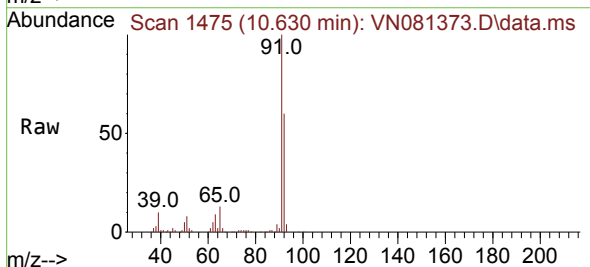
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBSD01

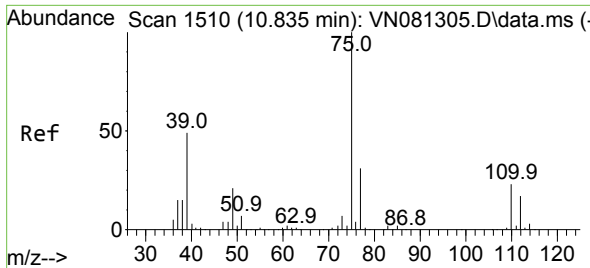
Tgt Ion: 43 Resp: 564355
Ion Ratio Lower Upper
43 100
58 38.6 29.4 44.0



#52
Toluene
Concen: 19.886 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

Tgt Ion: 92 Resp: 196353
Ion Ratio Lower Upper
92 100
91 172.5 139.4 209.0

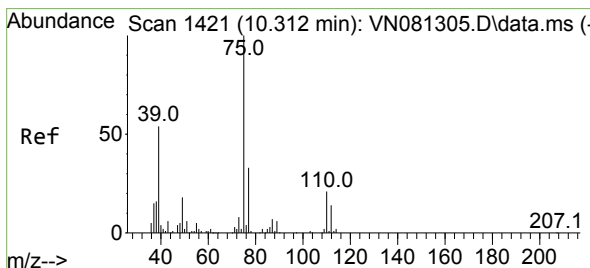
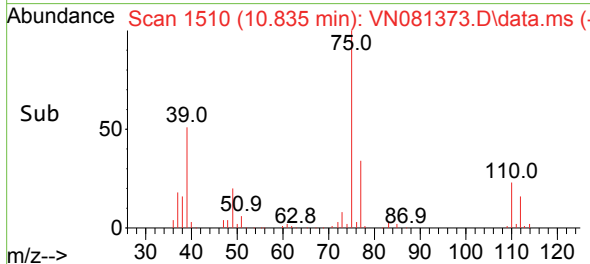
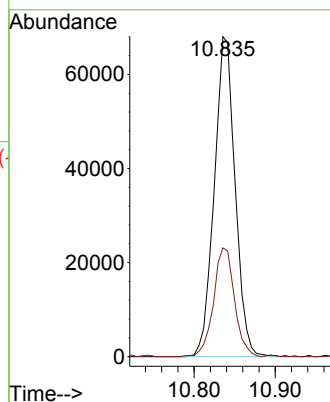
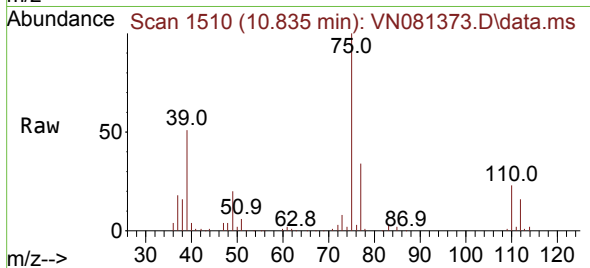




#53
 t-1,3-Dichloropropene
 Concen: 19.988 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN081373.D
 Acq: 12 Mar 2024 15:25

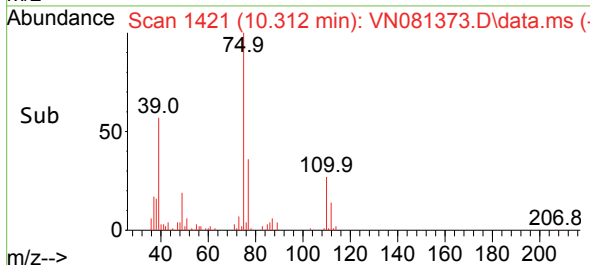
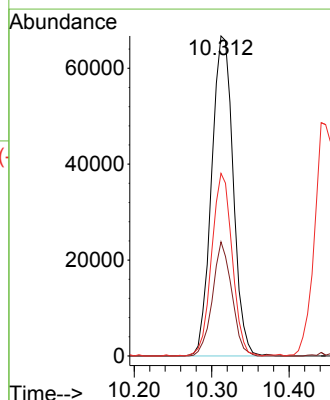
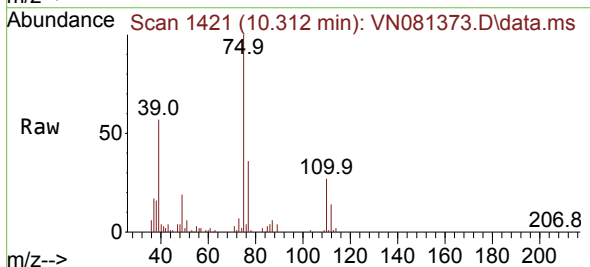
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312MBSD01

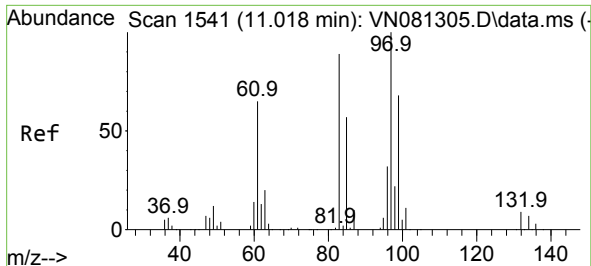
Tgt Ion: 75 Resp: 121510
 Ion Ratio Lower Upper
 75 100
 77 34.0 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 19.731 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN081373.D
 Acq: 12 Mar 2024 15:25

Tgt Ion: 75 Resp: 129487
 Ion Ratio Lower Upper
 75 100
 77 35.7 23.3 34.9#
 39 56.8 44.6 66.8

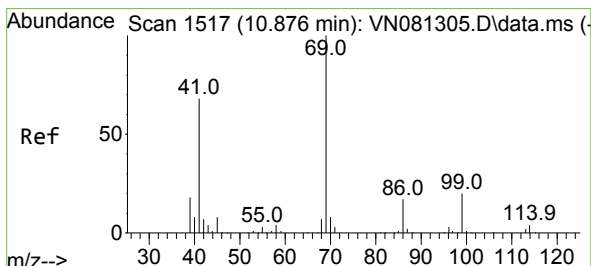
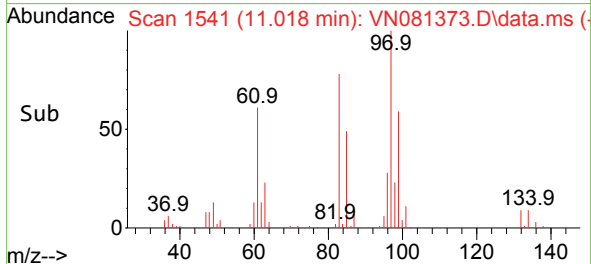
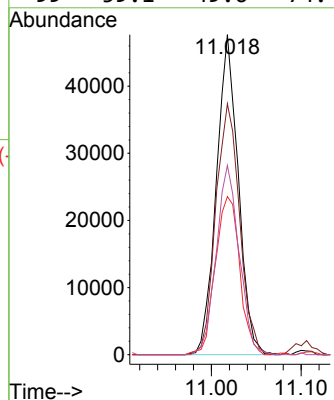
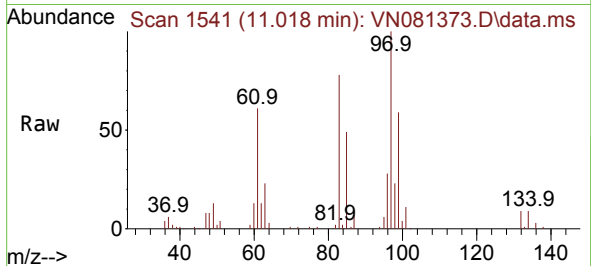




#55
1,1,2-Trichloroethane
Concen: 20.619 ug/l
RT: 11.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

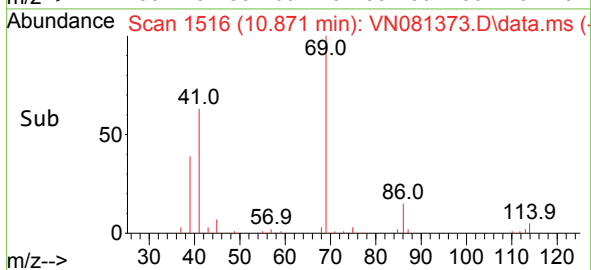
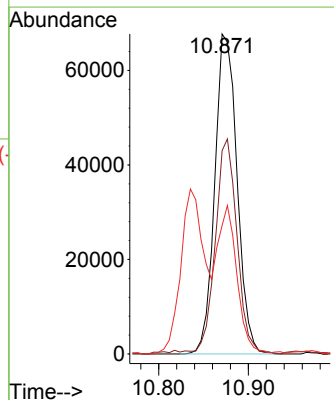
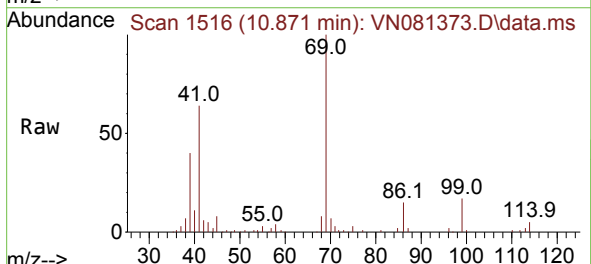
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBSD01

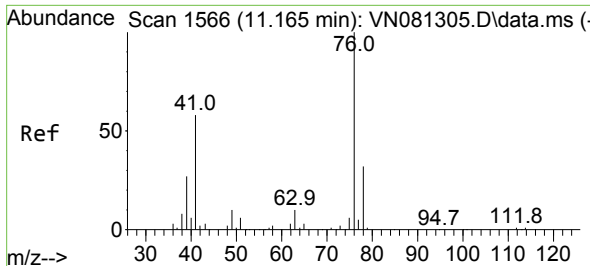
Tgt Ion:	97	Resp:	80736
Ion	Ratio	Lower	Upper
97	100		
83	78.4	72.9	109.3
85	49.4	50.2	75.2#
99	59.1	49.6	74.4



#56
Ethyl methacrylate
Concen: 20.748 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

Tgt Ion:	69	Resp:	116653
Ion	Ratio	Lower	Upper
69	100		
41	65.3	61.0	91.6
39	39.6	31.8	47.6

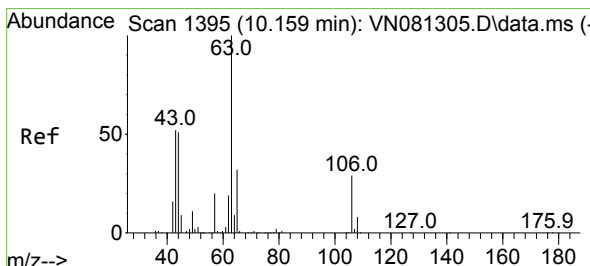
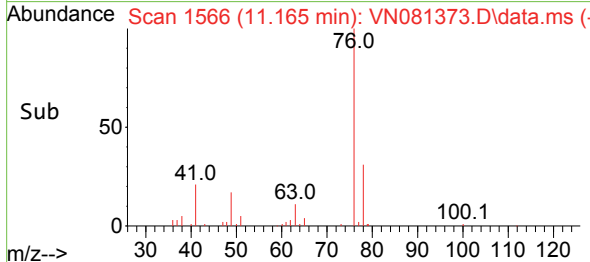
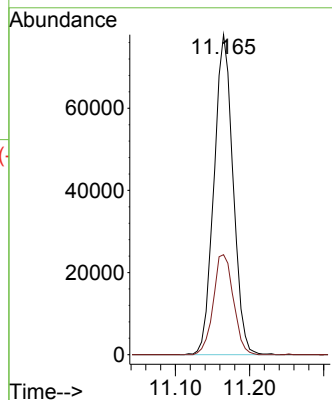
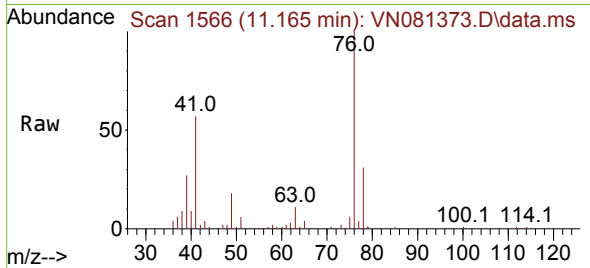




#57
1,3-Dichloropropane
Concen: 20.377 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

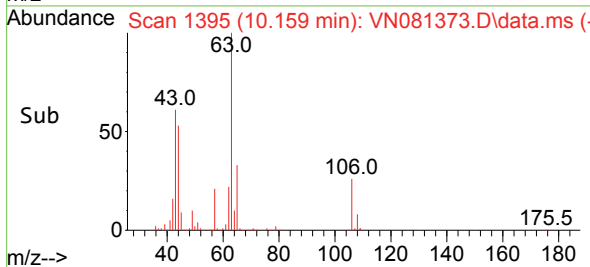
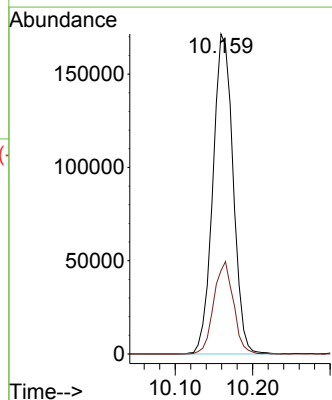
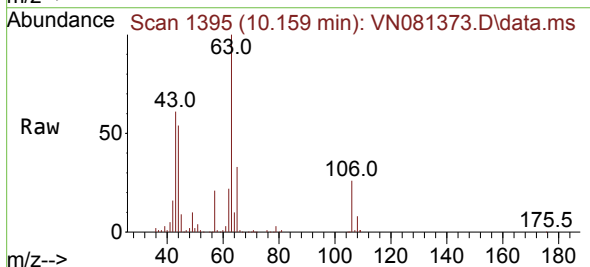
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBSD01

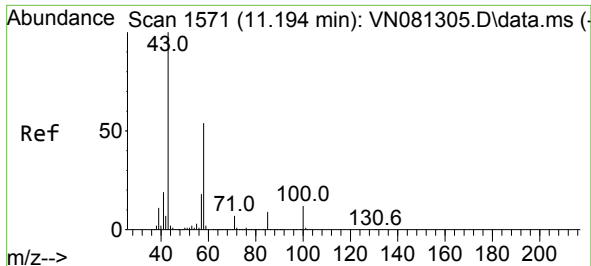
Tgt Ion: 76 Resp: 139248
Ion Ratio Lower Upper
76 100
78 32.9 25.5 38.3



#58
2-Chloroethyl Vinyl ether
Concen: 102.775 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

Tgt Ion: 63 Resp: 310831
Ion Ratio Lower Upper
63 100
106 28.1 18.6 28.0#

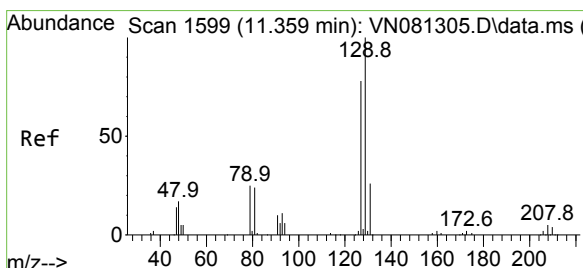
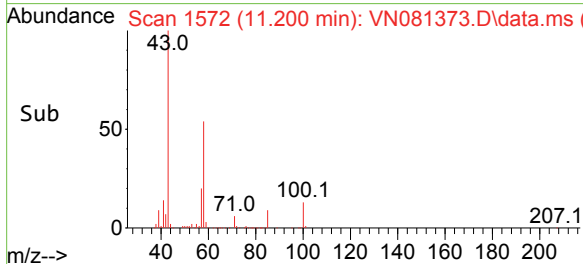
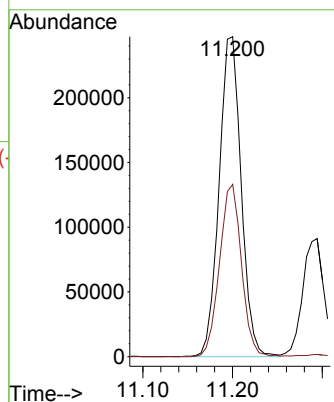
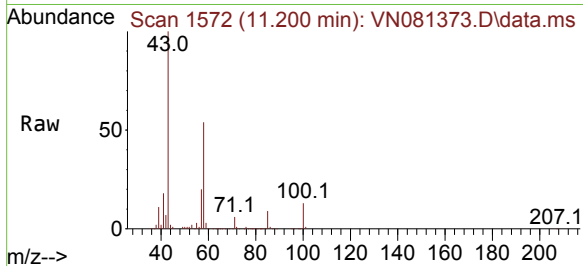




#59
2-Hexanone
Concen: 103.856 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

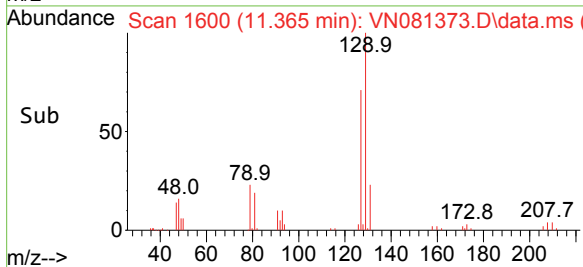
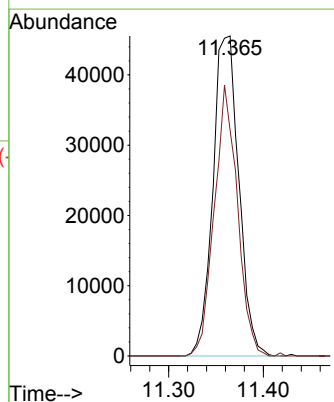
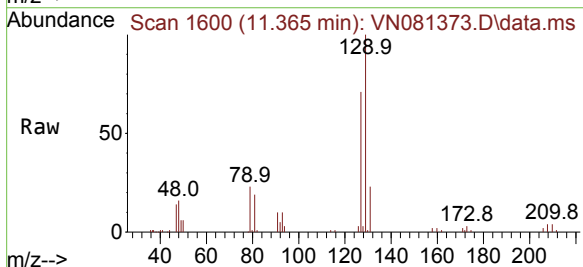
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBSD01

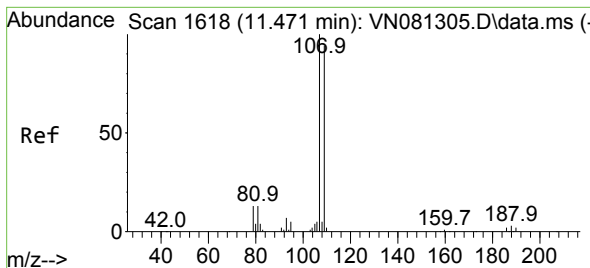
Tgt Ion: 43 Resp: 422393
Ion Ratio Lower Upper
43 100
58 53.6 25.9 77.8



#60
Dibromochloromethane
Concen: 21.507 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

Tgt Ion:129 Resp: 86726
Ion Ratio Lower Upper
129 100
127 75.4 39.4 118.2





#61

1,2-Dibromoethane

Concen: 19.967 ug/l

RT: 11.471 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VN081373.D

Acq: 12 Mar 2024 15:25

Instrument :

MSVOA_N

ClientSampleId :

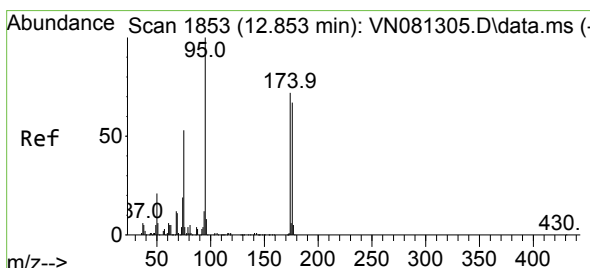
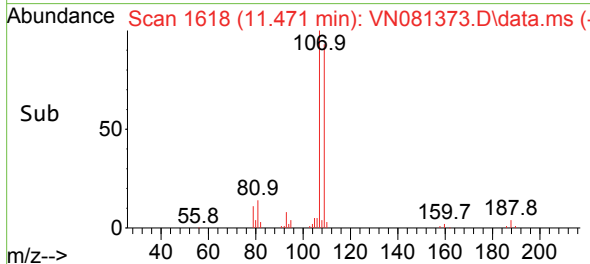
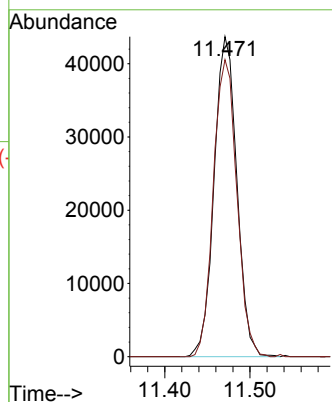
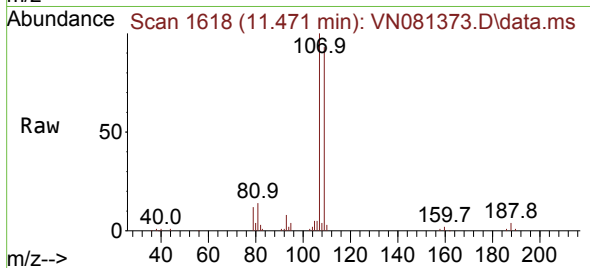
VN0312MBSD01

Tgt Ion:107 Resp: 81120

Ion Ratio Lower Upper

107 100

109 95.8 73.4 110.2



#62

4-Bromofluorobenzene

Concen: 49.360 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN081373.D

Acq: 12 Mar 2024 15:25

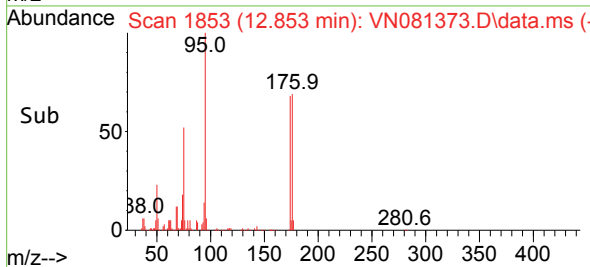
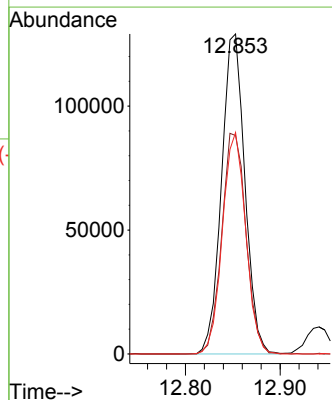
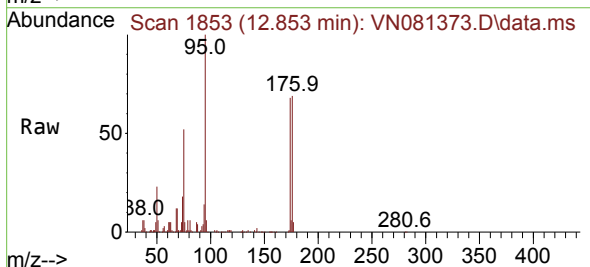
Tgt Ion: 95 Resp: 221366

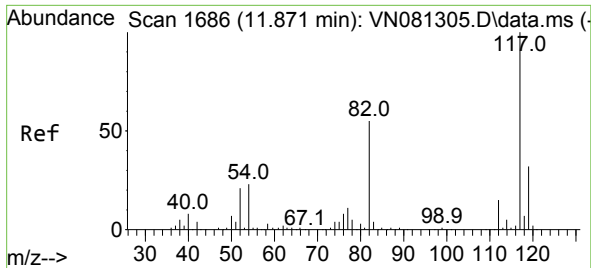
Ion Ratio Lower Upper

95 100

174 71.5 0.0 120.4

176 68.9 0.0 121.0

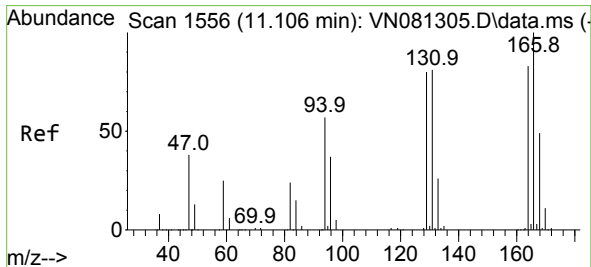
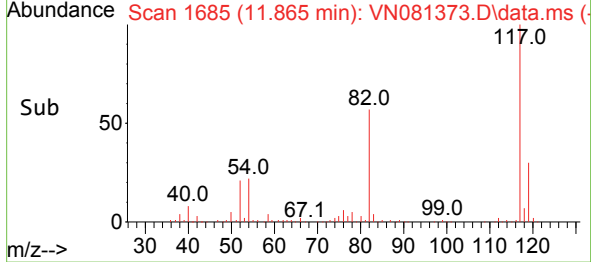
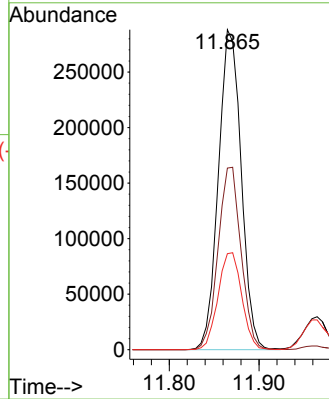
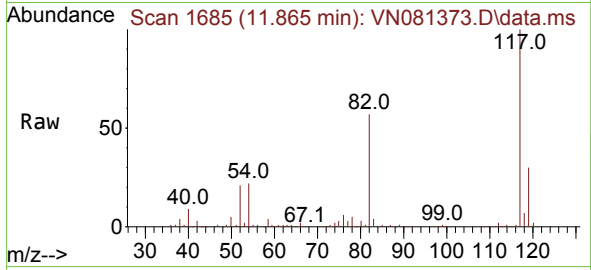




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

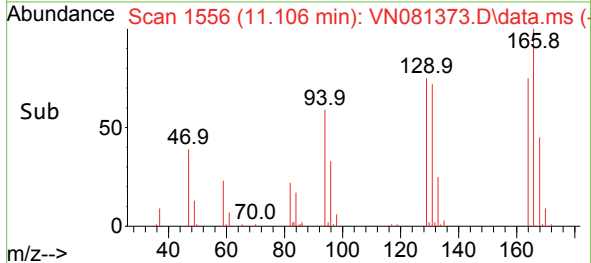
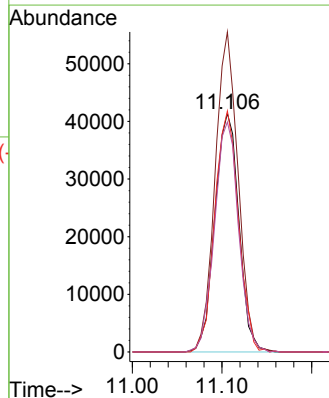
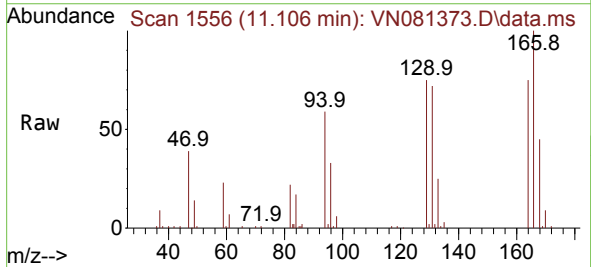
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBSD01

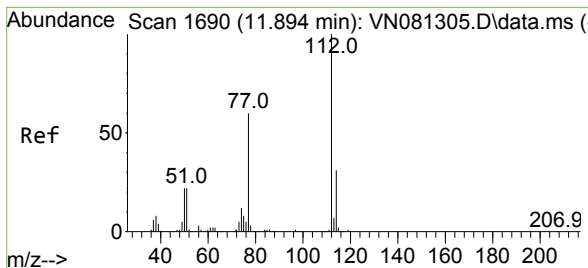
Tgt Ion:117 Resp: 508376
Ion Ratio Lower Upper
117 100
82 56.8 52.7 79.1
119 30.0 25.3 37.9



#64
Tetrachloroethene
Concen: 19.308 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

Tgt Ion:164 Resp: 76856
Ion Ratio Lower Upper
164 100
166 134.2 105.8 158.6
129 101.0 89.6 134.4
131 96.4 84.9 127.3

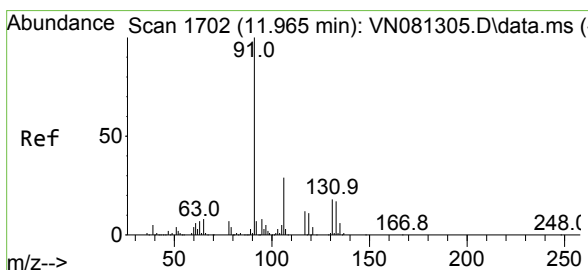
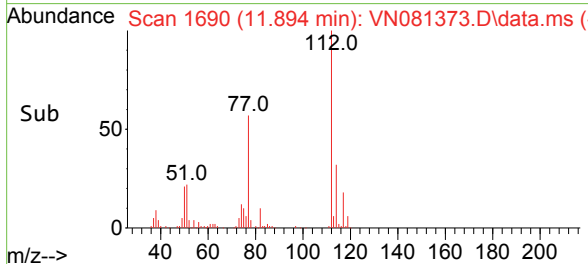
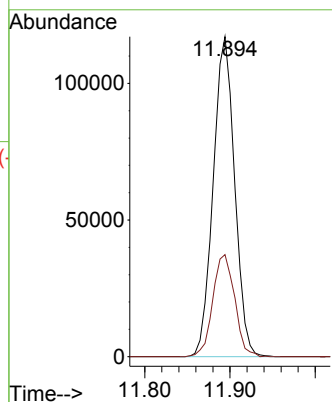
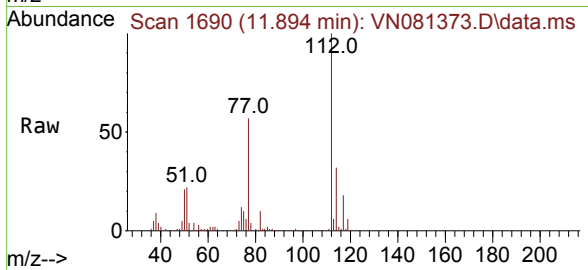




#65
Chlorobenzene
Concen: 19.094 ug/l
RT: 11.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

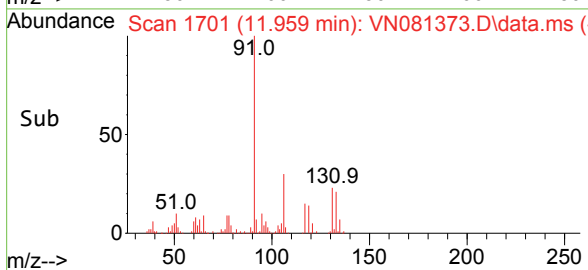
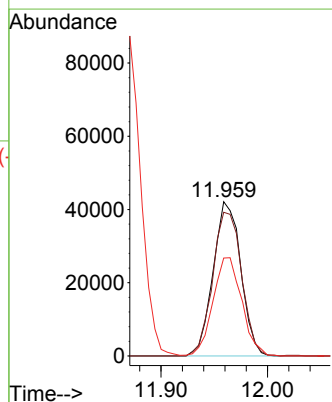
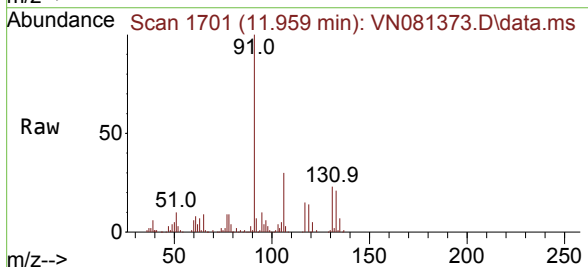
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBSD01

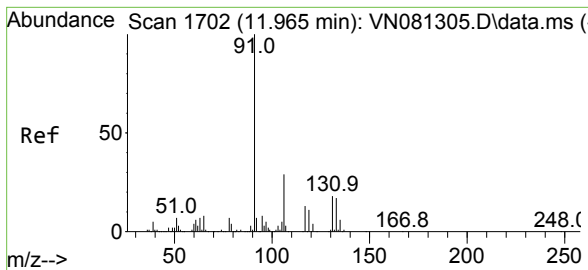
Tgt Ion:112 Resp: 204555
Ion Ratio Lower Upper
112 100
114 31.9 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.370 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

Tgt Ion:131 Resp: 75934
Ion Ratio Lower Upper
131 100
133 98.0 46.8 140.3
119 66.6 34.6 103.9

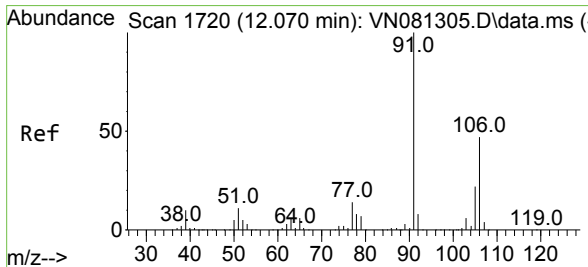
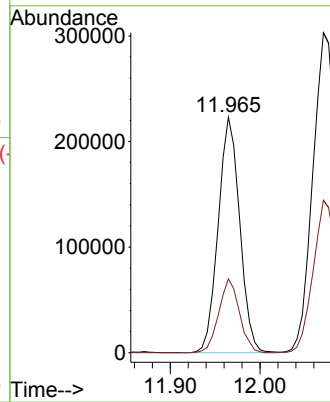
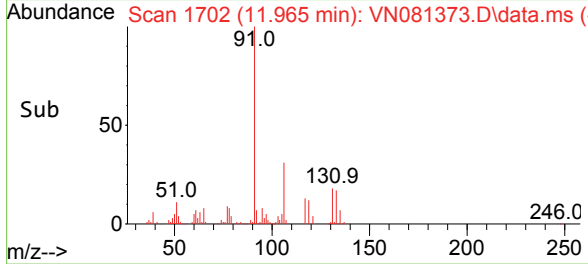
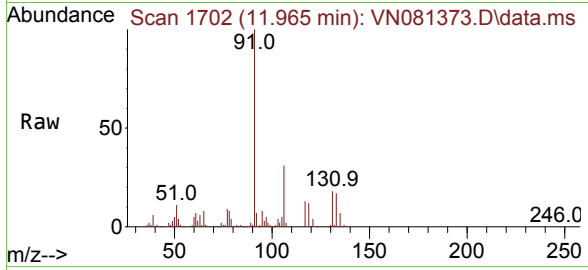




#67
Ethyl Benzene
Concen: 19.241 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

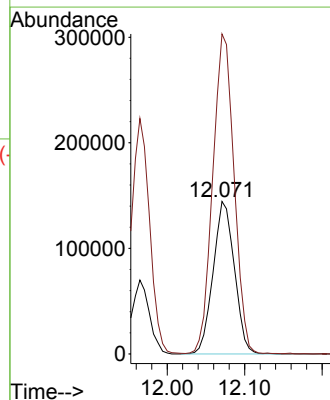
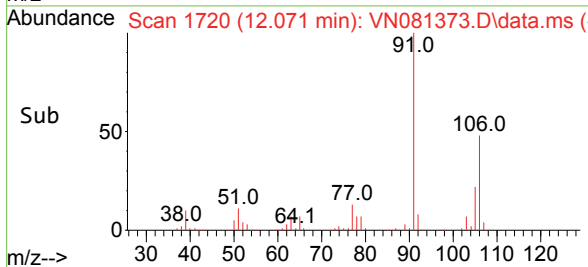
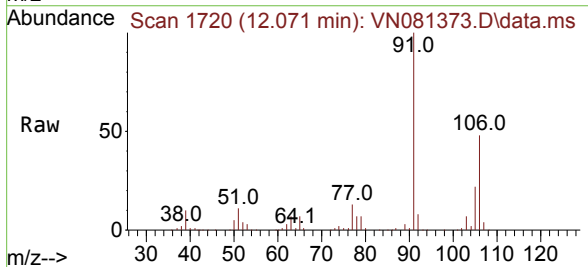
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBSD01

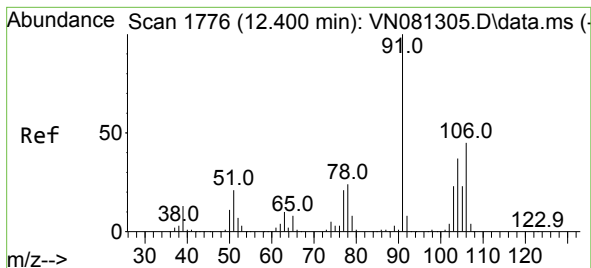
Tgt Ion: 91 Resp: 371306
Ion Ratio Lower Upper
91 100
106 31.4 23.8 35.6



#68
m/p-Xylenes
Concen: 37.919 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

Tgt Ion: 106 Resp: 275385
Ion Ratio Lower Upper
106 100
91 210.1 169.0 253.6





#69

o-Xylene

Concen: 19.183 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN081373.D

Acq: 12 Mar 2024 15:25

Instrument :

MSVOA_N

ClientSampleId :

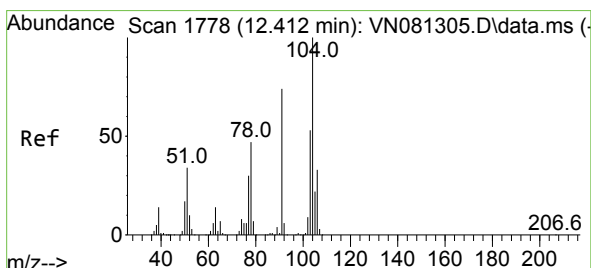
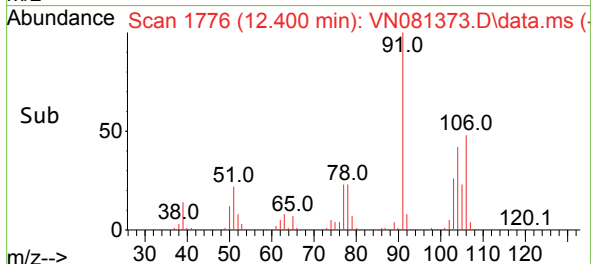
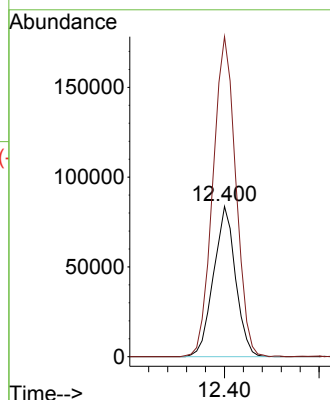
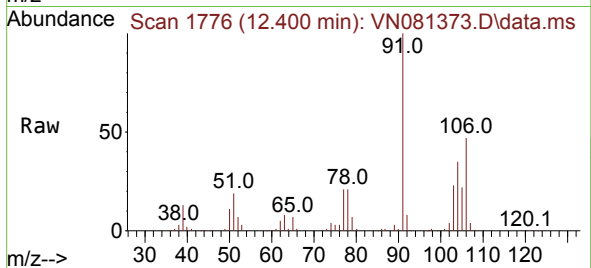
VN0312MBSD01

Tgt Ion:106 Resp: 135019

Ion Ratio Lower Upper

106 100

91 221.7 112.1 336.3



#70

Styrene

Concen: 20.054 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN081373.D

Acq: 12 Mar 2024 15:25

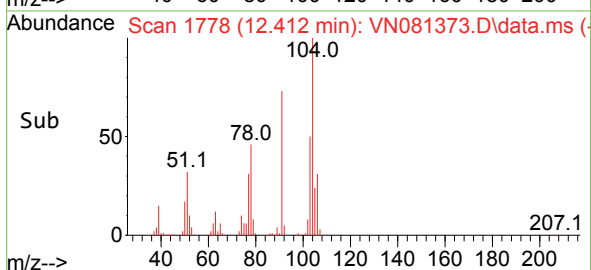
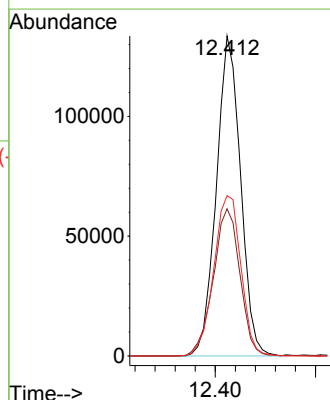
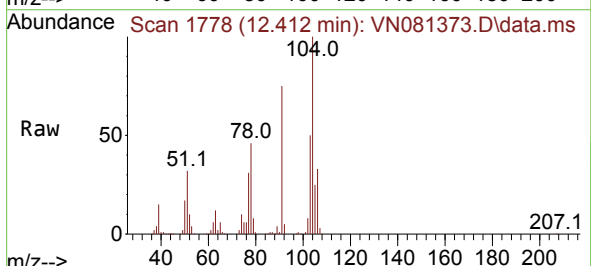
Tgt Ion:104 Resp: 223677

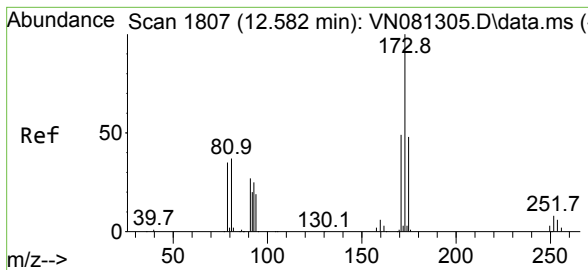
Ion Ratio Lower Upper

104 100

78 50.7 43.8 65.8

103 56.3 44.2 66.2

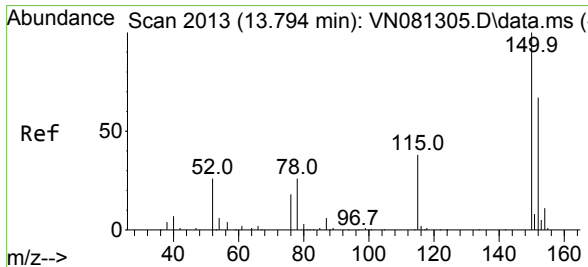
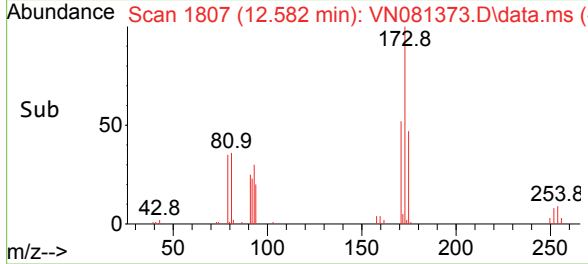
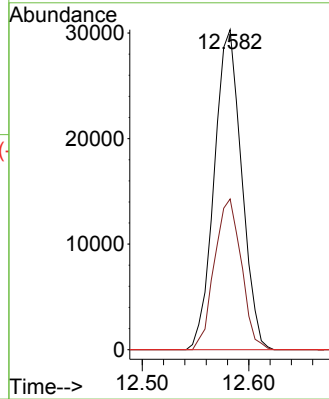
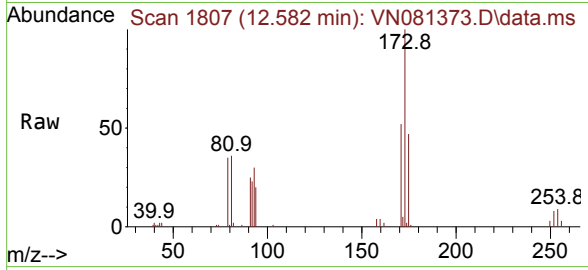




#71
Bromoform
Concen: 19.881 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

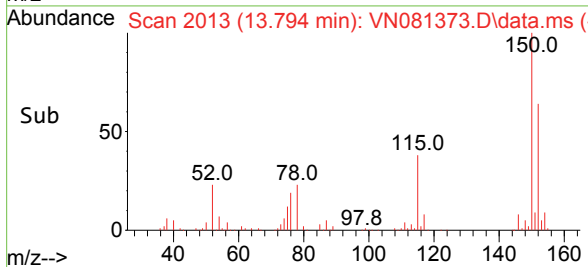
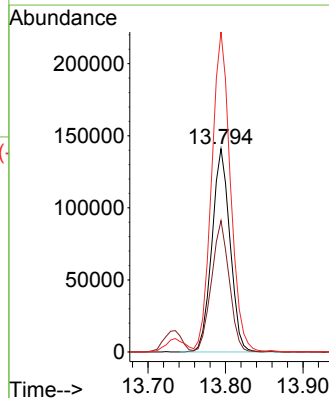
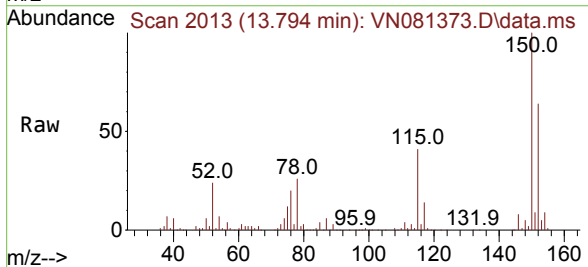
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBSD01

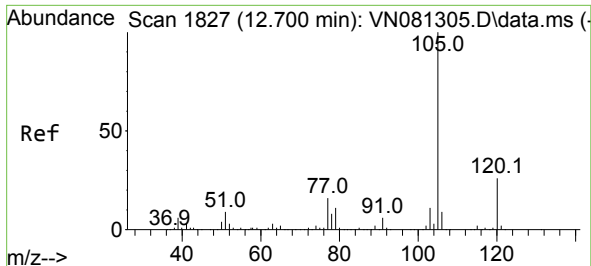
Tgt Ion:173 Resp: 54108
Ion Ratio Lower Upper
173 100
175 46.3 23.1 69.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

Tgt Ion:152 Resp: 228209
Ion Ratio Lower Upper
152 100
115 63.4 32.3 96.8
150 164.3 0.0 339.8

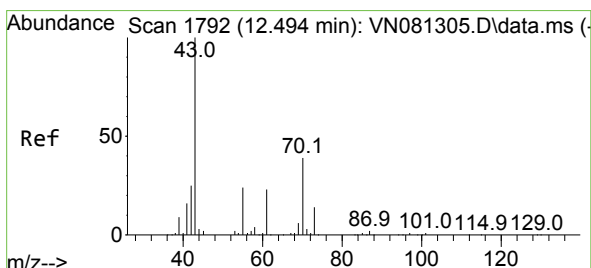
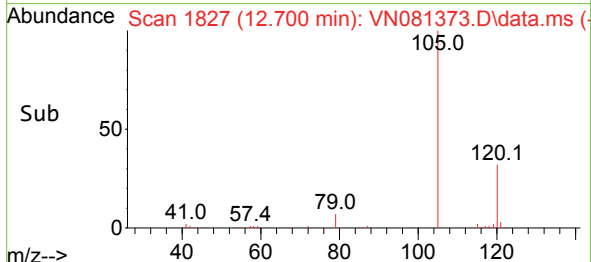
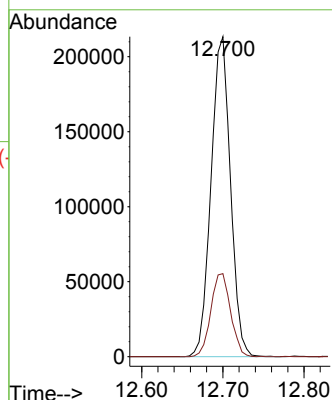
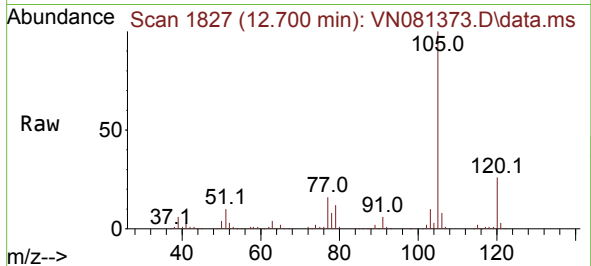




#73
Isopropylbenzene
Concen: 19.238 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

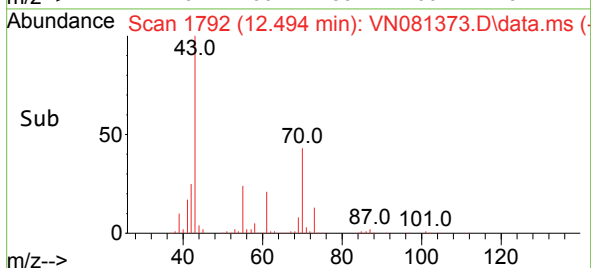
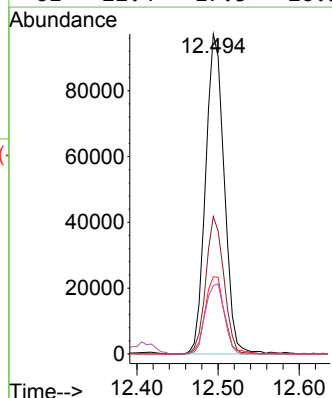
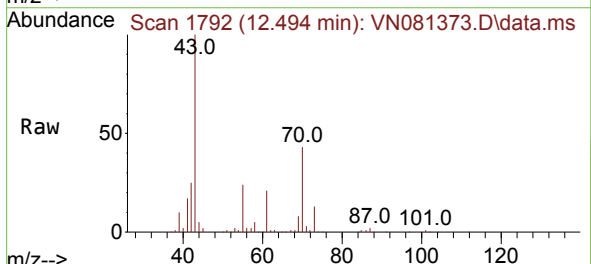
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBSD01

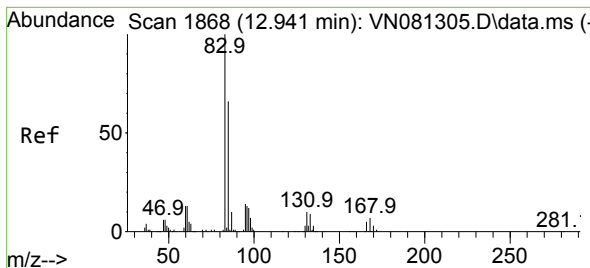
Tgt Ion:105 Resp: 354508
Ion Ratio Lower Upper
105 100
120 26.4 12.6 37.6



#74
N-ethyl acetate
Concen: 19.989 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

Tgt Ion: 43 Resp: 154560
Ion Ratio Lower Upper
43 100
70 41.8 30.1 45.1
55 25.2 17.0 25.4
61 22.4 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.306 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN081373.D

Acq: 12 Mar 2024 15:25

Instrument :

MSVOA_N

ClientSampleId :

VN0312MBSD01

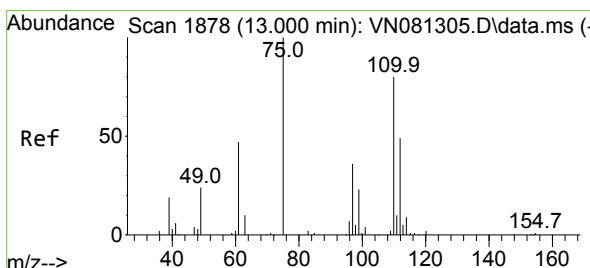
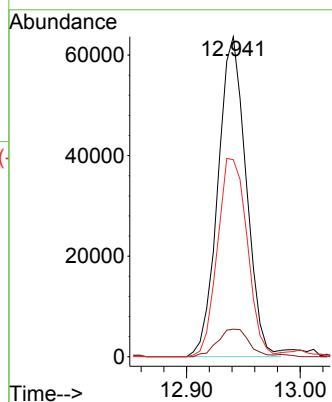
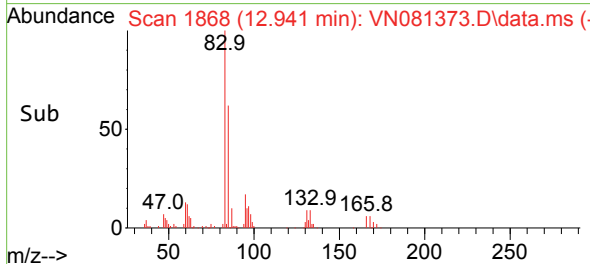
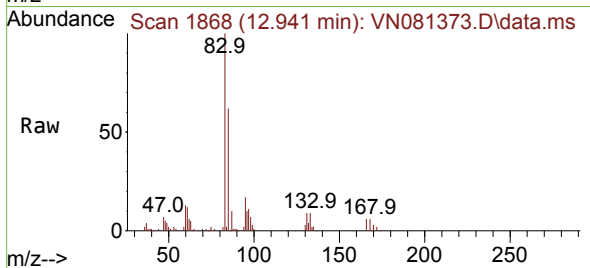
Tgt Ion: 83 Resp: 109794

Ion Ratio Lower Upper

83 100

131 9.6 4.1 12.3

85 65.6 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 28.021 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.006 min

Lab File: VN081373.D

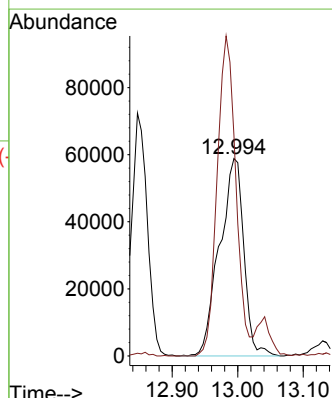
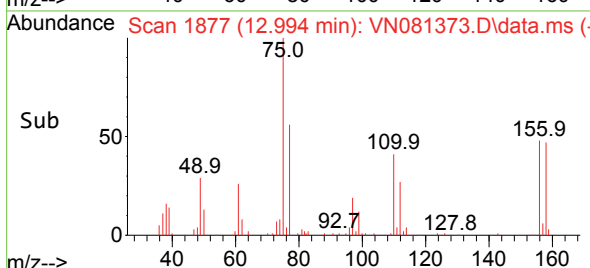
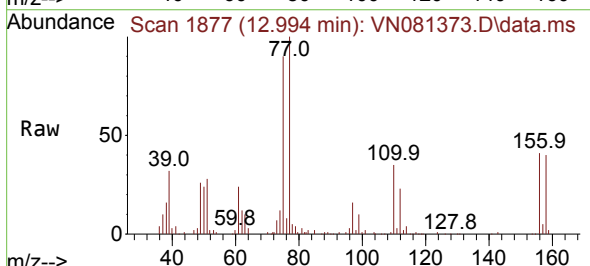
Acq: 12 Mar 2024 15:25

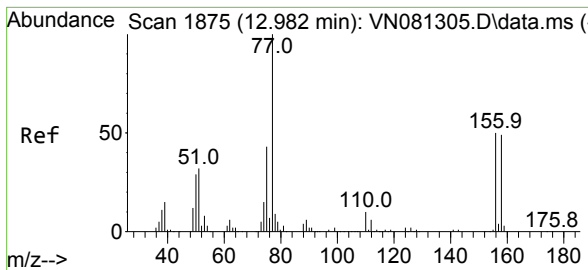
Tgt Ion: 75 Resp: 151042

Ion Ratio Lower Upper

75 100

77 125.8 91.0 272.8





#77

Bromobenzene

Concen: 18.191 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.006 min

Lab File: VN081373.D

Acq: 12 Mar 2024 15:25

Instrument :

MSVOA_N

ClientSampleId :

VN0312MBSD01

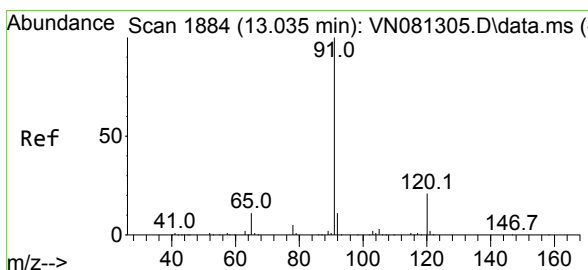
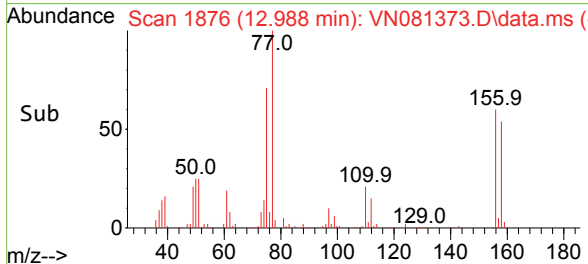
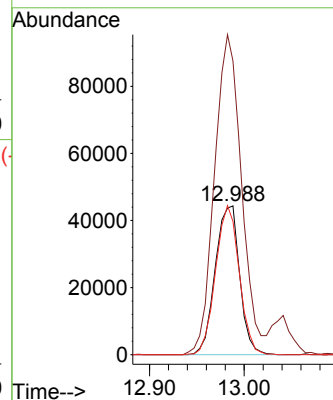
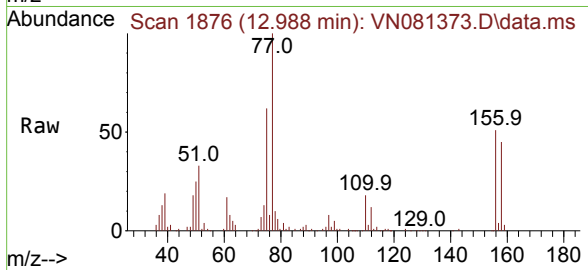
Tgt Ion:156 Resp: 79480

Ion Ratio Lower Upper

156 100

77 239.0 138.1 414.3

158 97.0 46.5 139.5



#78

n-propylbenzene

Concen: 19.833 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN081373.D

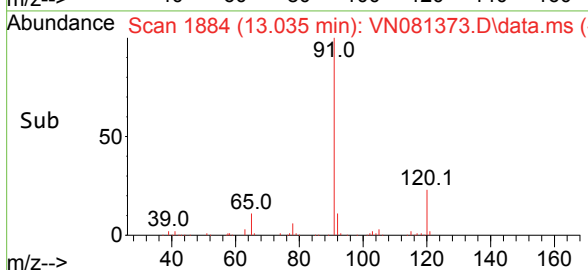
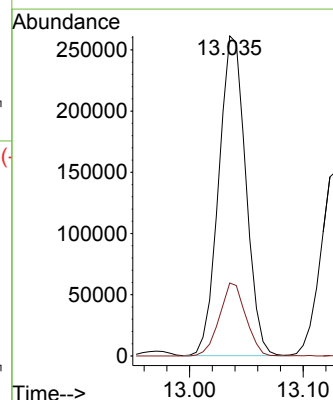
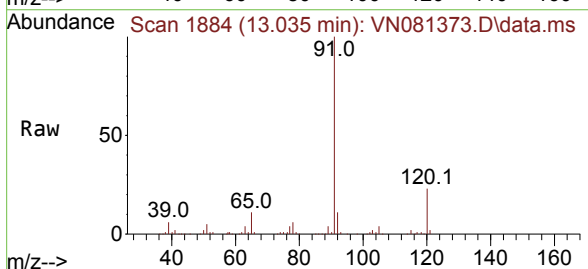
Acq: 12 Mar 2024 15:25

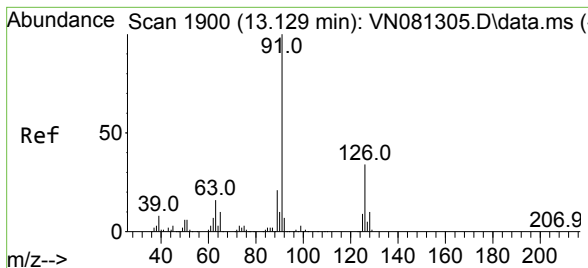
Tgt Ion: 91 Resp: 432287

Ion Ratio Lower Upper

91 100

120 22.2 10.3 30.9





#79

2-Chlorotoluene

Concen: 19.454 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN081373.D

Acq: 12 Mar 2024 15:25

Instrument :

MSVOA_N

ClientSampleId :

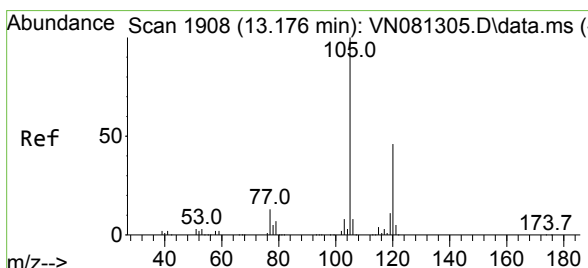
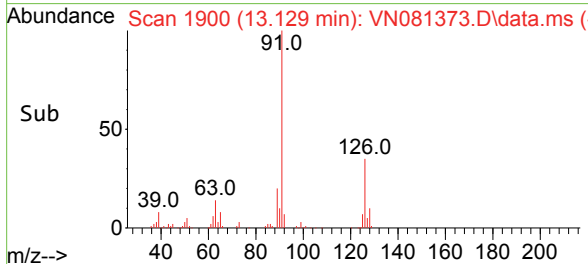
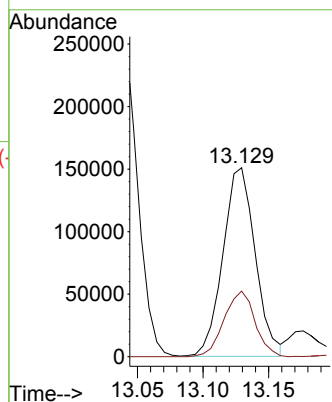
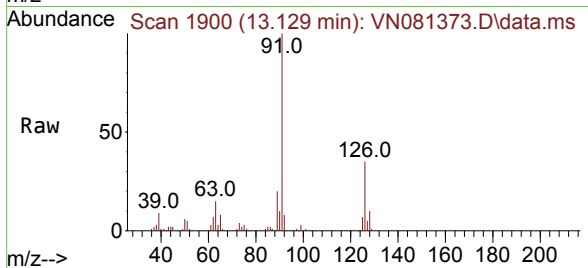
VN0312MBSD01

Tgt Ion: 91 Resp: 259181

Ion Ratio Lower Upper

91 100

126 33.2 14.8 44.4



#80

1,3,5-Trimethylbenzene

Concen: 20.217 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN081373.D

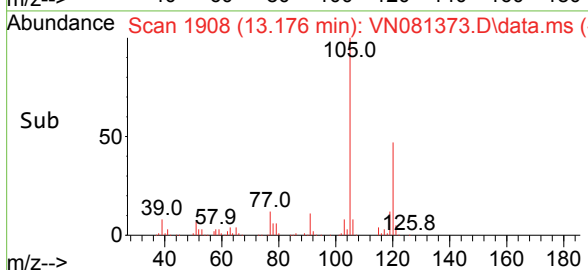
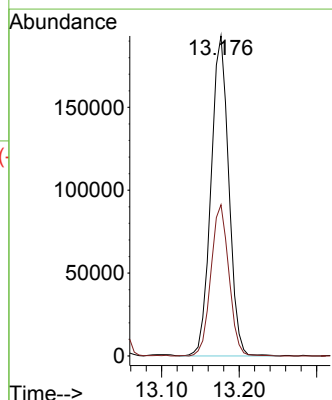
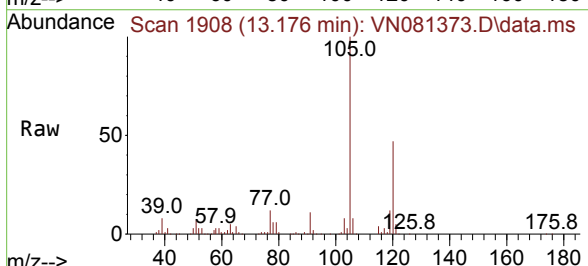
Acq: 12 Mar 2024 15:25

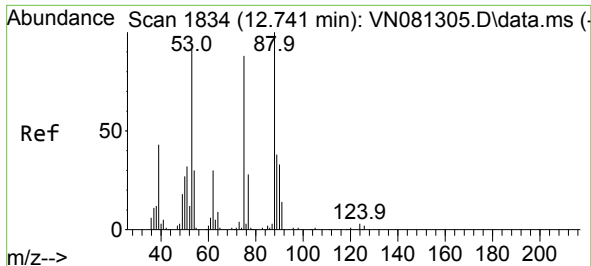
Tgt Ion: 105 Resp: 307959

Ion Ratio Lower Upper

105 100

120 47.7 23.0 69.0

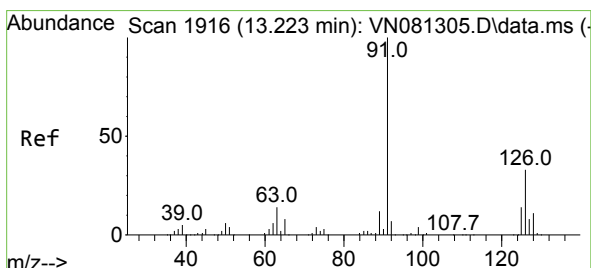
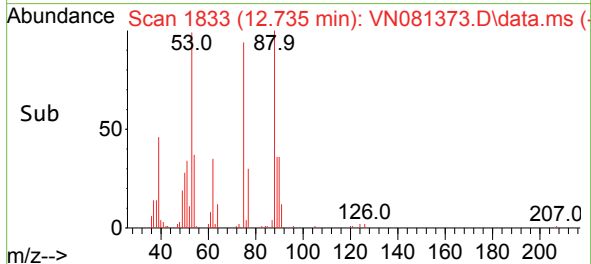
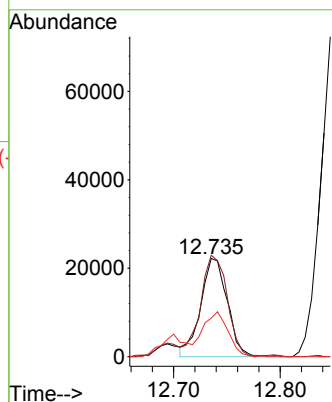
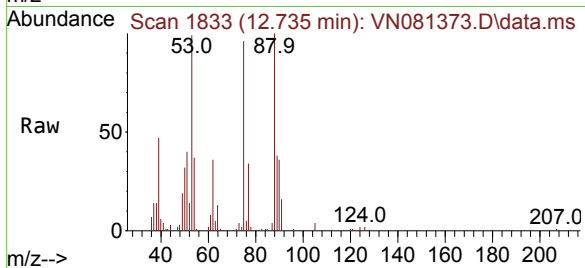




#81
trans-1,4-Dichloro-2-butene
Concen: 19.917 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

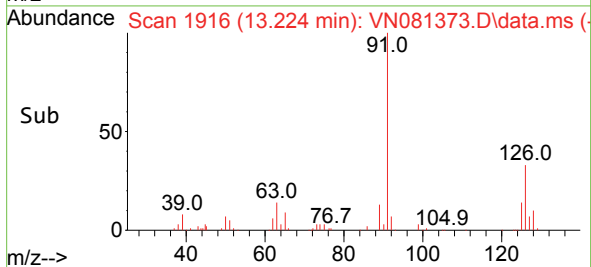
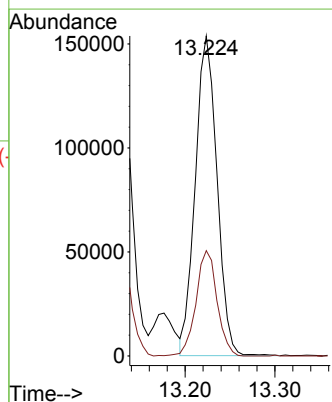
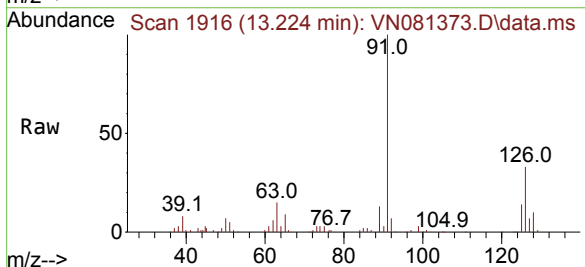
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBSD01

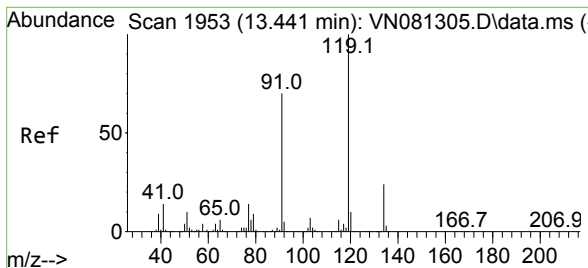
Tgt Ion: 75 Resp: 38467
Ion Ratio Lower Upper
75 100
53 102.6 71.4 107.2
89 42.8 33.4 50.0



#82
4-Chlorotoluene
Concen: 19.599 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

Tgt Ion: 91 Resp: 257913
Ion Ratio Lower Upper
91 100
126 32.0 15.3 45.9

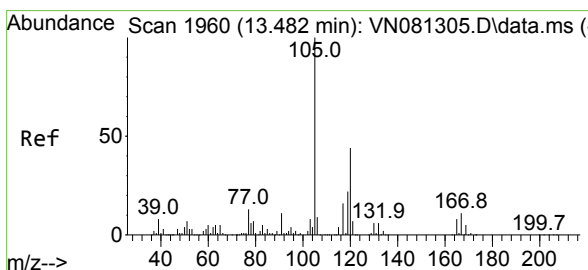
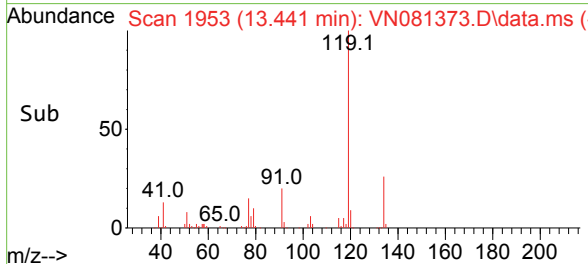
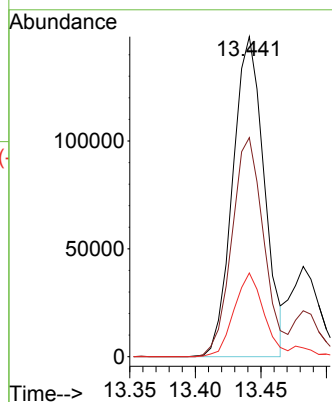
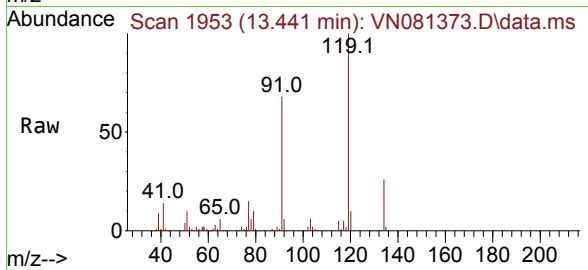




#83
 tert-Butylbenzene
 Concen: 18.991 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN081373.D
 Acq: 12 Mar 2024 15:25

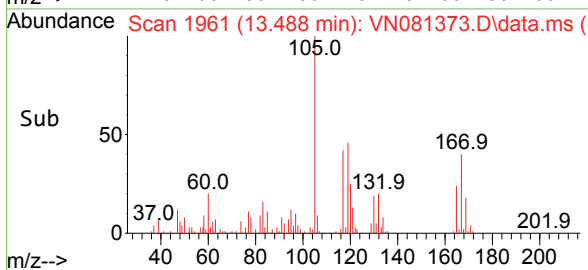
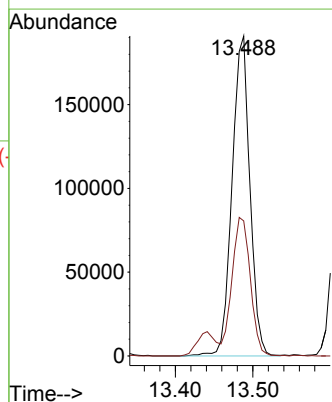
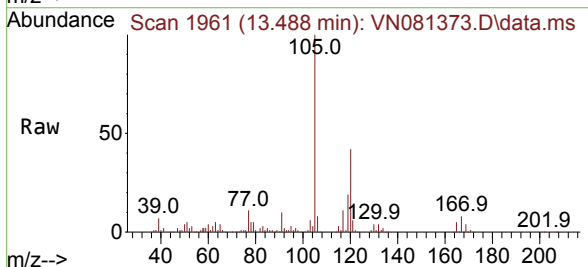
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312MBSD01

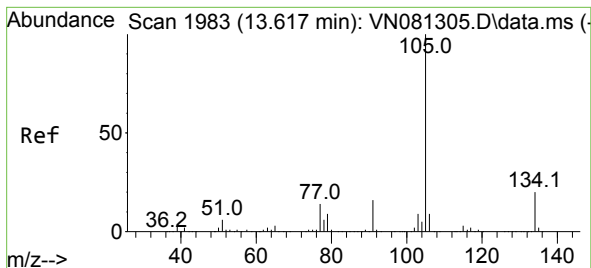
Tgt Ion:119 Resp: 248015
 Ion Ratio Lower Upper
 119 100
 91 69.9 36.8 110.4
 134 24.7 12.4 37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 19.798 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.006 min
 Lab File: VN081373.D
 Acq: 12 Mar 2024 15:25

Tgt Ion:105 Resp: 305553
 Ion Ratio Lower Upper
 105 100
 120 44.6 20.9 62.7





#85

sec-Butylbenzene

Concen: 19.377 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN081373.D

Acq: 12 Mar 2024 15:25

Instrument :

MSVOA_N

ClientSampleId :

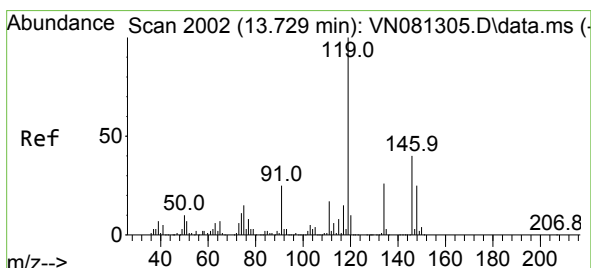
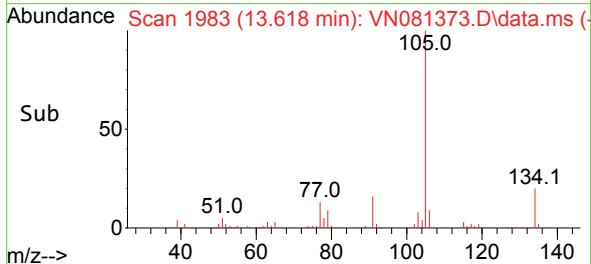
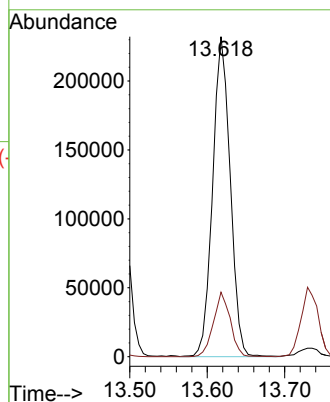
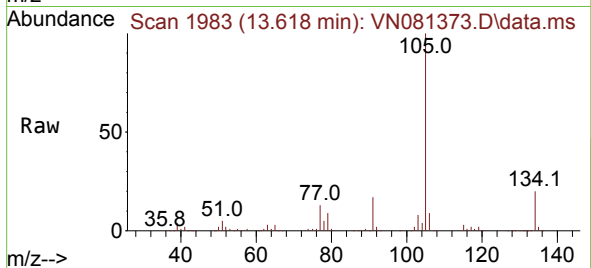
VN0312MBSD01

Tgt Ion:105 Resp: 366083

Ion Ratio Lower Upper

105 100

134 19.4 8.6 25.8



#86

p-Isopropyltoluene

Concen: 19.902 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN081373.D

Acq: 12 Mar 2024 15:25

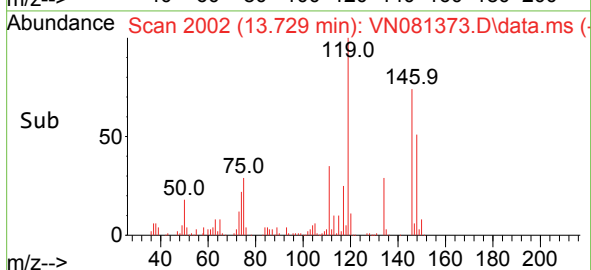
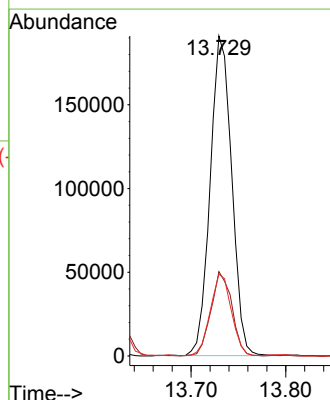
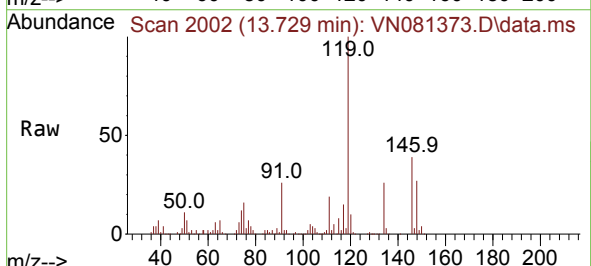
Tgt Ion:119 Resp: 301542

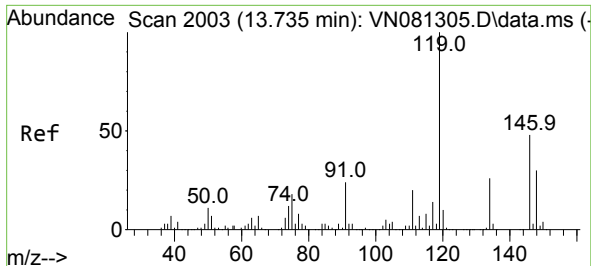
Ion Ratio Lower Upper

119 100

134 25.6 12.4 37.2

91 24.9 13.5 40.4

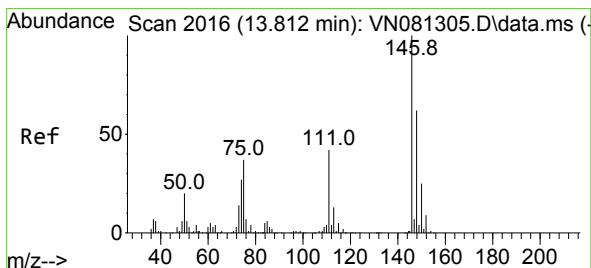
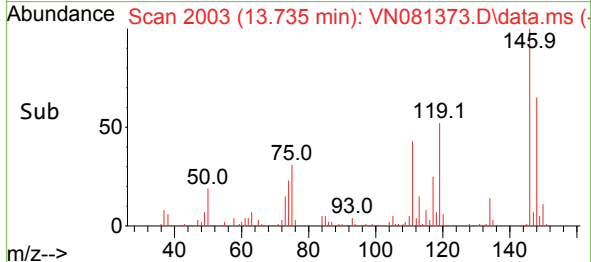
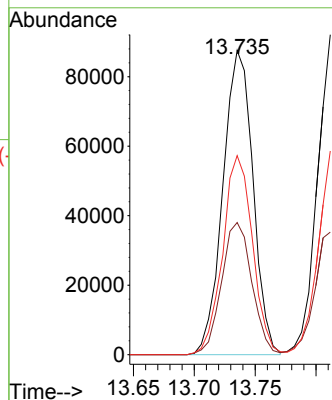
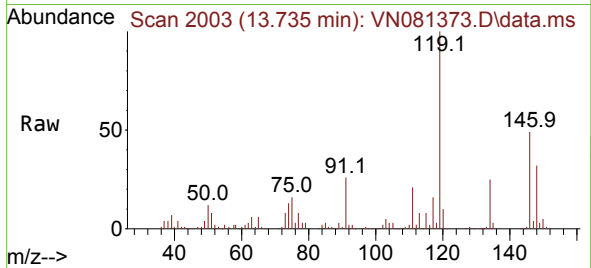




#87
 1,3-Dichlorobenzene
 Concen: 18.222 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN081373.D
 Acq: 12 Mar 2024 15:25

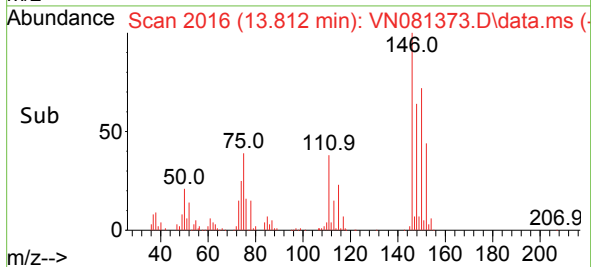
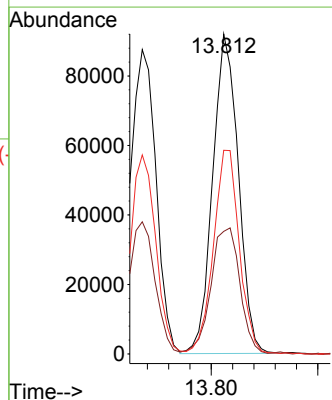
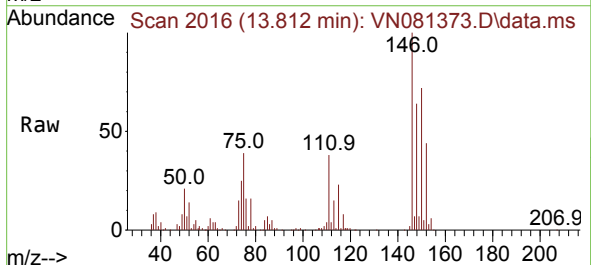
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312MBSD01

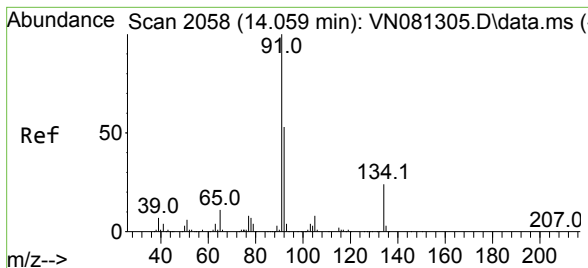
Tgt Ion:146 Resp: 150335
 Ion Ratio Lower Upper
 146 100
 111 43.9 23.9 71.7
 148 65.1 32.6 97.7



#88
 1,4-Dichlorobenzene
 Concen: 18.613 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN081373.D
 Acq: 12 Mar 2024 15:25

Tgt Ion:146 Resp: 153486
 Ion Ratio Lower Upper
 146 100
 111 44.3 22.6 67.7
 148 64.1 31.9 95.5





#89

n-Butylbenzene

Concen: 19.189 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081373.D

Acq: 12 Mar 2024 15:25

Instrument :

MSVOA_N

ClientSampleId :

VN0312MBSD01

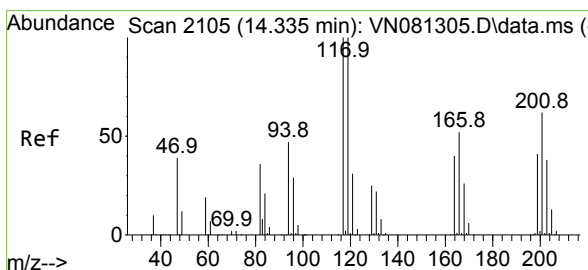
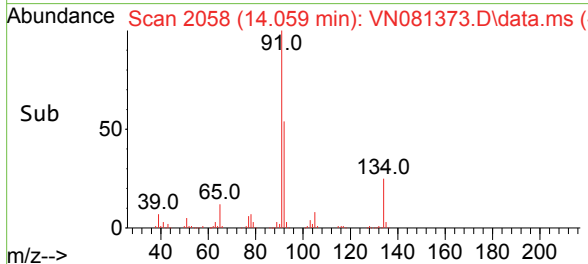
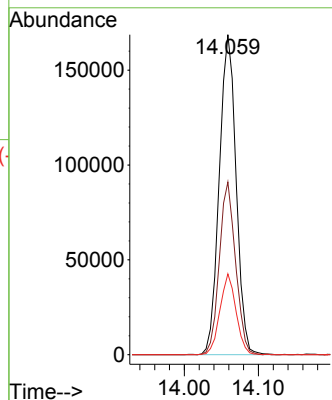
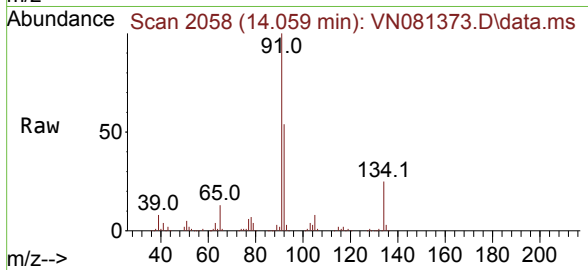
Tgt Ion: 91 Resp: 266619

Ion Ratio Lower Upper

91 100

92 51.9 26.7 80.1

134 24.1 10.8 32.4



#90

Hexachloroethane

Concen: 19.261 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN081373.D

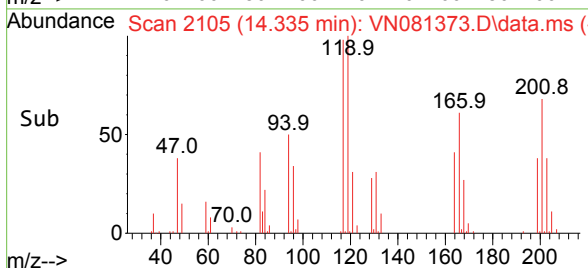
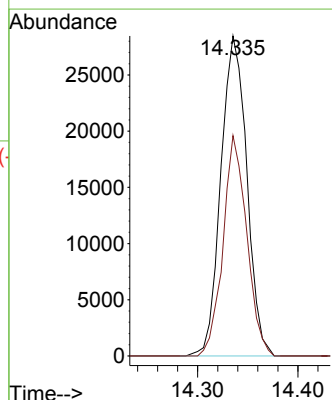
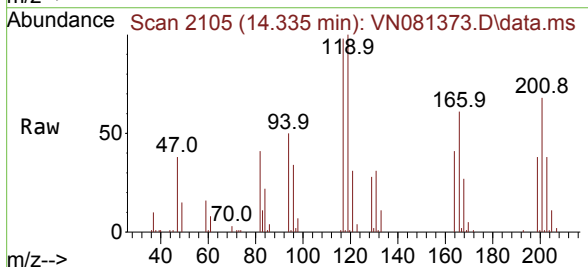
Acq: 12 Mar 2024 15:25

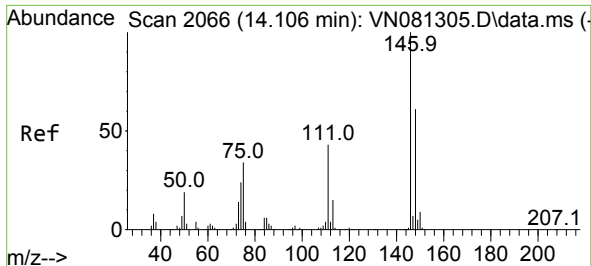
Tgt Ion: 117 Resp: 51093

Ion Ratio Lower Upper

117 100

201 63.0 30.0 90.0

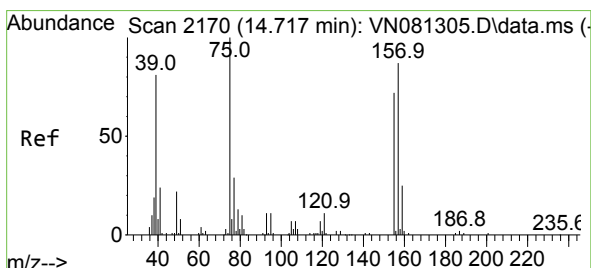
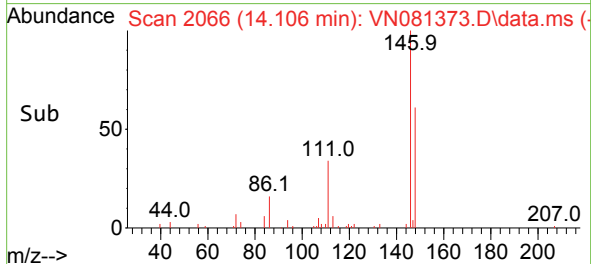
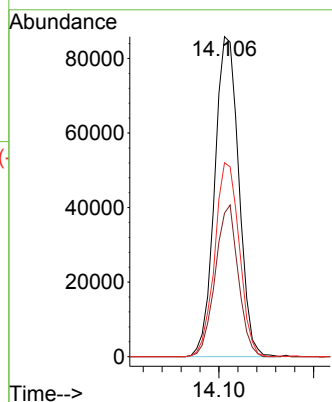
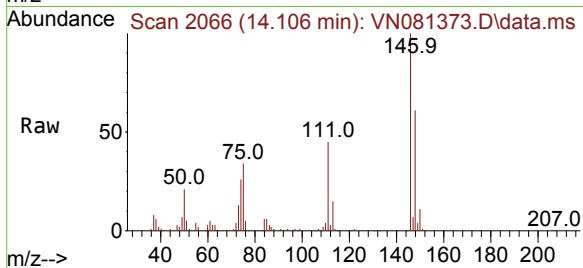




#91
1,2-Dichlorobenzene
Concen: 19.153 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

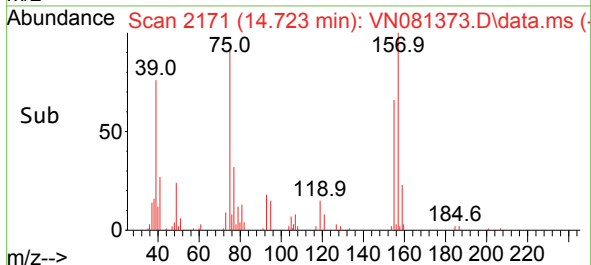
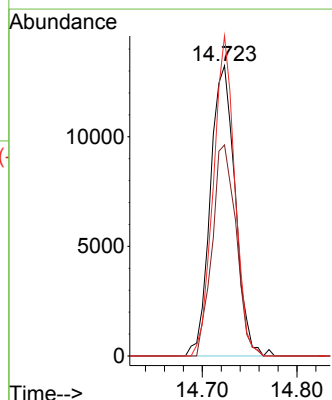
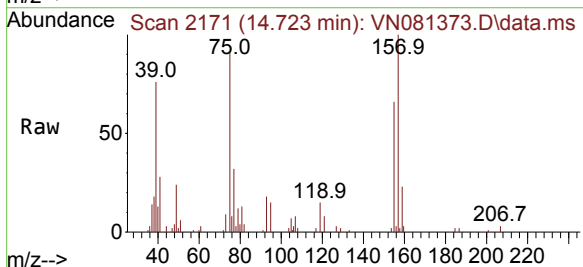
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBSD01

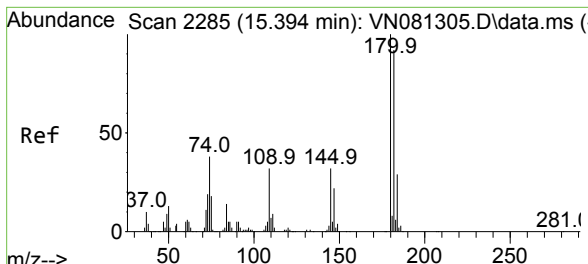
Tgt Ion:146 Resp: 151608
Ion Ratio Lower Upper
146 100
111 45.3 23.9 71.8
148 61.9 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.800 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN081373.D
Acq: 12 Mar 2024 15:25

Tgt Ion: 75 Resp: 24096
Ion Ratio Lower Upper
75 100
155 70.1 31.8 95.4
157 96.0 41.1 123.4

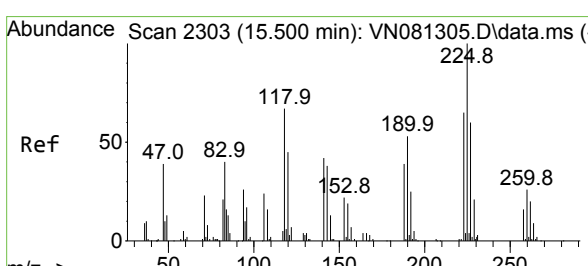
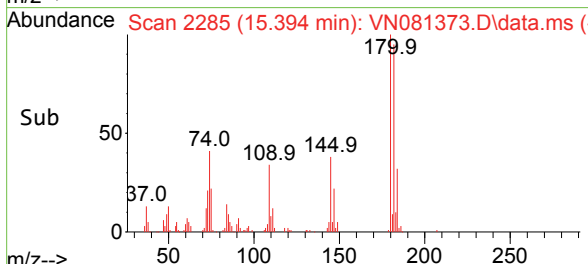
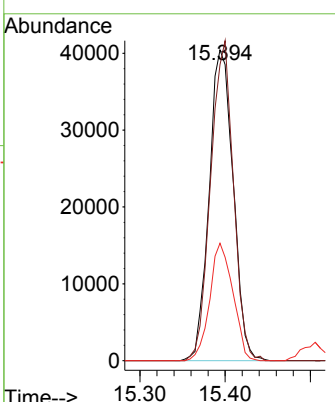
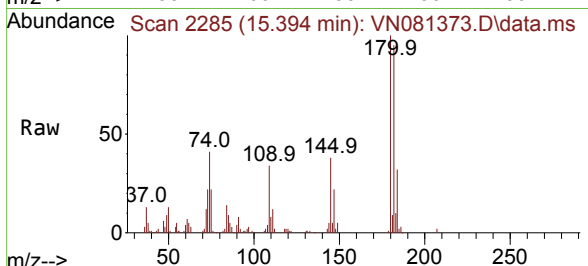




#93
 1,2,4-Trichlorobenzene
 Concen: 18.734 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN081373.D
 Acq: 12 Mar 2024 15:25

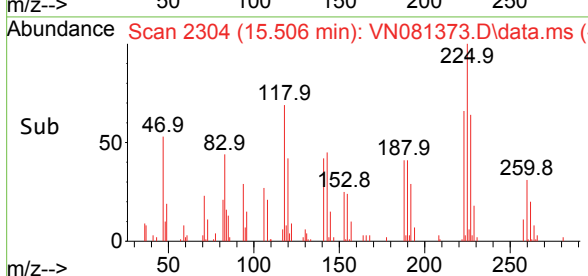
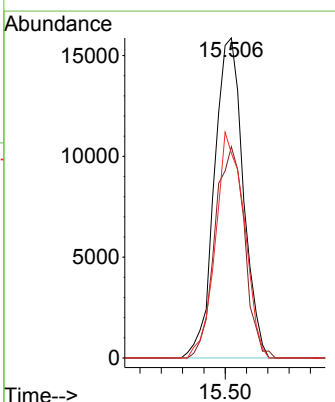
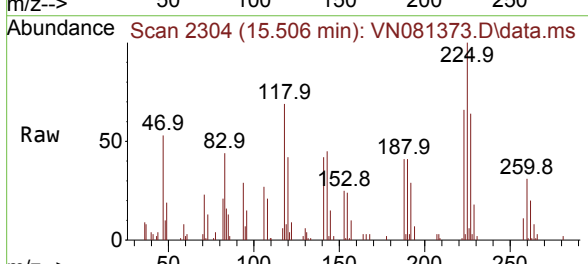
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312MBSD01

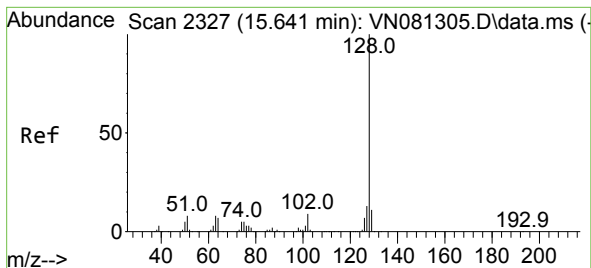
Tgt Ion:	180	Resp:	79263
Ion Ratio	Lower	Upper	
180	100		
182	97.4	46.6	139.7
145	36.5	16.8	50.3



#94
 Hexachlorobutadiene
 Concen: 17.062 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. 0.006 min
 Lab File: VN081373.D
 Acq: 12 Mar 2024 15:25

Tgt Ion:	225	Resp:	29829
Ion Ratio	Lower	Upper	
225	100		
223	67.6	33.3	99.8
227	70.2	33.1	99.2





#95

Naphthalene

Concen: 19.499 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081373.D

Acq: 12 Mar 2024 15:25

Instrument :

MSVOA_N

ClientSampleId :

VN0312MBSD01

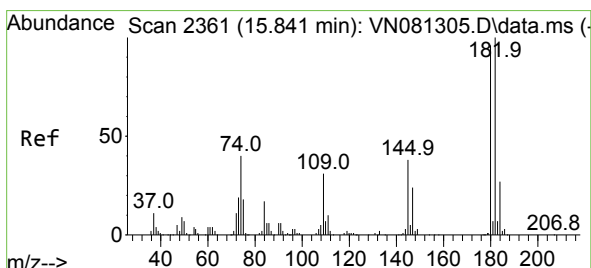
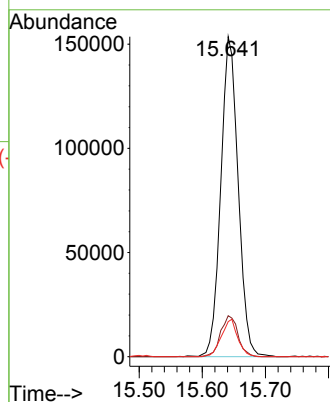
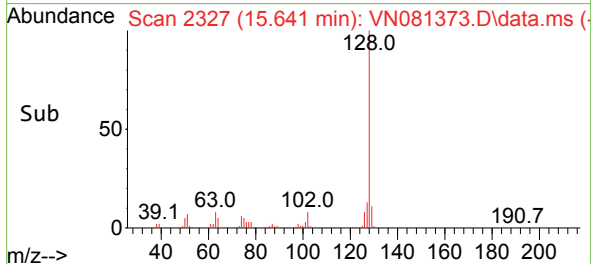
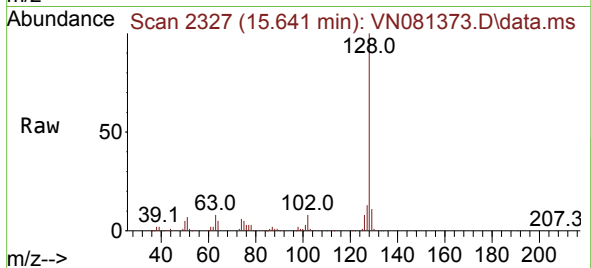
Tgt Ion:128 Resp: 293567

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

129 11.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 20.051 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN081373.D

Acq: 12 Mar 2024 15:25

Tgt Ion:180 Resp: 86033

Ion Ratio Lower Upper

180 100

182 90.5 46.5 139.3

145 32.2 17.8 53.4

