

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031224\
 Data File : VN081372.D
 Acq On : 12 Mar 2024 14:47
 Operator : JC\MD
 Sample : VN0312MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312MBS01

Quant Time: Mar 13 04:51:43 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	8.224	168	352954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	640073	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	557145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	247366	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	226453	44.374	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.740%
35) Dibromofluoromethane	8.165	113	173879	44.340	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.680%
50) Toluene-d8	10.565	98	651436	44.438	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.880%
62) 4-Bromofluorobenzene	12.853	95	217287	41.937	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	83.880%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	93339	19.949	ug/l	93
3) Chloromethane	2.359	50	84912	16.801	ug/l	98
4) Vinyl Chloride	2.512	62	93694	17.771	ug/l	94
5) Bromomethane	2.959	94	59017	16.760	ug/l	97
6) Chloroethane	3.130	64	60697	16.762	ug/l #	86
7) Trichlorofluoromethane	3.500	101	139736	17.916	ug/l	96
8) Diethyl Ether	3.965	74	48394	17.611	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.377	101	81363	18.319	ug/l	93
10) Methyl Iodide	4.595	142	76071	18.716	ug/l	95
11) Tert butyl alcohol	5.518	59	69269	77.625	ug/l	99
12) 1,1-Dichloroethene	4.336	96	72854	17.712	ug/l	93
13) Acrolein	4.183	56	63075	59.693	ug/l	96
14) Allyl chloride	5.018	41	120226	19.695	ug/l	97
15) Acrylonitrile	5.724	53	188814	80.994	ug/l	96
16) Acetone	4.430	43	136818	75.668	ug/l	95
17) Carbon Disulfide	4.712	76	186017	15.845	ug/l	99
18) Methyl Acetate	5.024	43	101631	19.632	ug/l	93
19) Methyl tert-butyl Ether	5.794	73	245318	17.585	ug/l	99
20) Methylene Chloride	5.277	84	81775	17.787	ug/l	95
21) trans-1,2-Dichloroethene	5.789	96	80118	17.276	ug/l	89
22) Diisopropyl ether	6.671	45	253521	18.699	ug/l #	95
23) Vinyl Acetate	6.600	43	972699	88.310	ug/l #	94
24) 1,1-Dichloroethane	6.571	63	149425	18.004	ug/l	98
25) 2-Butanone	7.483	43	248688	82.128	ug/l	91
26) 2,2-Dichloropropane	7.488	77	137424	18.735	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	91464	17.396	ug/l	92
28) Bromochloromethane	7.812	49	64849	18.261	ug/l #	72
29) Tetrahydrofuran	7.841	42	165258	80.035	ug/l #	88
30) Chloroform	7.965	83	161396	18.739	ug/l	95
31) Cyclohexane	8.259	56	133304	17.253	ug/l #	81
32) 1,1,1-Trichloroethane	8.165	97	141773	18.623	ug/l	94
36) 1,1-Dichloropropene	8.371	75	117241	18.531	ug/l	96
37) Ethyl Acetate	7.559	43	104354	16.874	ug/l	100
38) Carbon Tetrachloride	8.365	117	118723	18.646	ug/l	98
39) Methylcyclohexane	9.600	83	128458	17.643	ug/l	91
40) Benzene	8.606	78	344673	18.252	ug/l	96

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	59154	16.937	ug/l	97
42) 1,2-Dichloroethane	8.671	62	121035	18.178	ug/l	99
43) Isopropyl Acetate	8.688	43	178527	16.493	ug/l	96
44) Trichloroethene	9.353	130	87927	18.461	ug/l	89
45) 1,2-Dichloropropane	9.624	63	87408	18.425	ug/l	99
46) Dibromomethane	9.712	93	61014	18.247	ug/l	91
47) Bromodichloromethane	9.888	83	120997	18.640	ug/l #	93
48) Methyl methacrylate	9.682	41	84752	17.713	ug/l	95
49) 1,4-Dioxane	9.694	88	33521	317.854	ug/l #	70
51) 4-Methyl-2-Pentanone	10.447	43	545784	86.835	ug/l	97
52) Toluene	10.629	92	207708	18.208	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	128957	18.361	ug/l	92
54) cis-1,3-Dichloropropene	10.312	75	140840	18.576	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	82873	18.320	ug/l	91
56) Ethyl methacrylate	10.876	69	118254	18.205	ug/l	89
57) 1,3-Dichloropropane	11.165	76	141496	17.922	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	277333	79.371	ug/l #	89
59) 2-Hexanone	11.194	43	402617	85.685	ug/l	100
60) Dibromochloromethane	11.359	129	83556	17.935	ug/l	100
61) 1,2-Dibromoethane	11.471	107	80277	17.103	ug/l	96
64) Tetrachloroethene	11.106	164	83442	19.127	ug/l	92
65) Chlorobenzene	11.894	112	218646	18.623	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	78721	18.324	ug/l	98
67) Ethyl Benzene	11.965	91	391409	18.508	ug/l	96
68) m/p-Xylenes	12.070	106	293136	36.830	ug/l	97
69) o-Xylene	12.400	106	140343	18.194	ug/l	97
70) Styrene	12.412	104	230942	18.893	ug/l	98
71) Bromoform	12.576	173	52360	17.555	ug/l #	96
73) Isopropylbenzene	12.700	105	374792	18.763	ug/l	98
74) N-amyl acetate	12.494	43	147422	17.590	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	102358	16.605	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	143558	24.570	ug/l	64
77) Bromobenzene	12.982	156	81807	17.274	ug/l	80
78) n-propylbenzene	13.035	91	452527	19.154	ug/l	97
79) 2-Chlorotoluene	13.123	91	262764	18.195	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	314896	19.071	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.741	75	42638	20.366	ug/l	98
82) 4-Chlorotoluene	13.223	91	263469	18.471	ug/l	94
83) tert-Butylbenzene	13.441	119	262152	18.519	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	313869	18.762	ug/l	94
85) sec-Butylbenzene	13.617	105	384343	18.768	ug/l	95
86) p-Isopropyltoluene	13.729	119	317764	19.348	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	159052	17.786	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	158831	17.770	ug/l	99
89) n-Butylbenzene	14.059	91	284661	18.900	ug/l	98
90) Hexachloroethane	14.335	117	54198	18.849	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	152523	17.777	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	22616	17.144	ug/l	80
93) 1,2,4-Trichlorobenzene	15.394	180	87984	19.185	ug/l	97
94) Hexachlorobutadiene	15.506	225	31761	16.760	ug/l	95
95) Naphthalene	15.641	128	300923	18.440	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	87547	18.824	ug/l	97

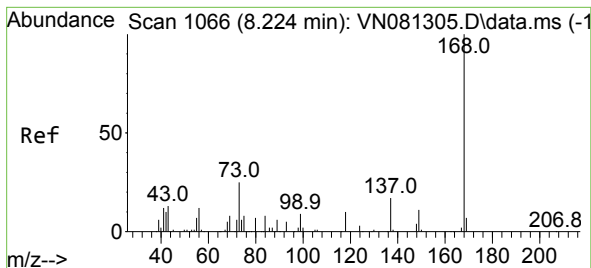
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Quant Title : SW846 8260
QLast Update : Wed Mar 06 03:12:57 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN081372.D

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Instrument :

MSVOA_N

ClientSampleId :

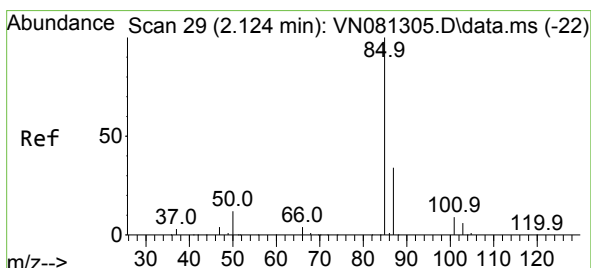
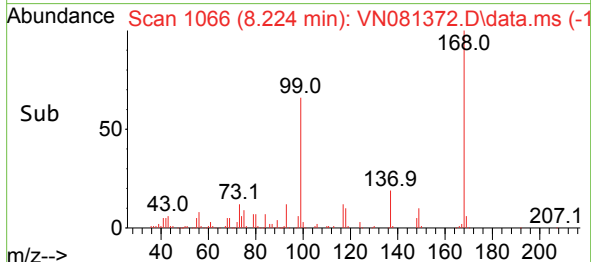
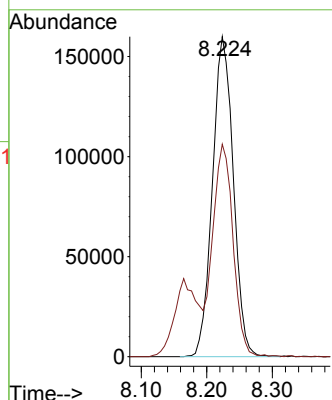
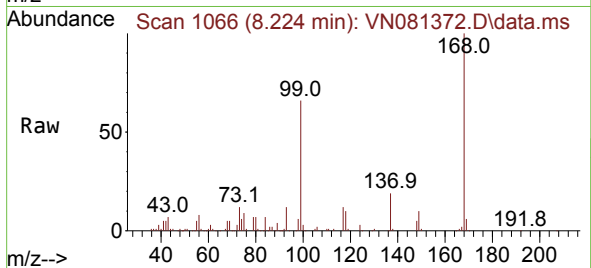
VN0312MBS01

Tgt Ion:168 Resp: 352954

Ion Ratio Lower Upper

168 100

99 66.2 59.9 89.9



#2

Dichlorodifluoromethane

Concen: 19.949 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN081372.D

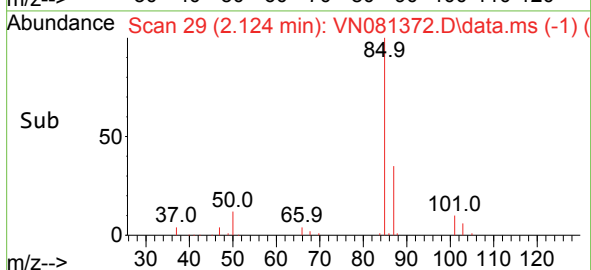
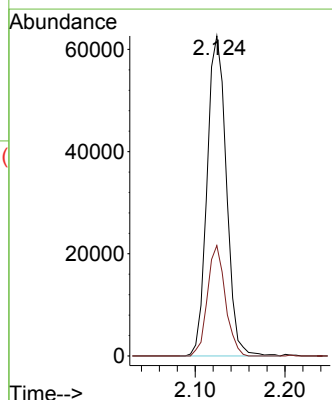
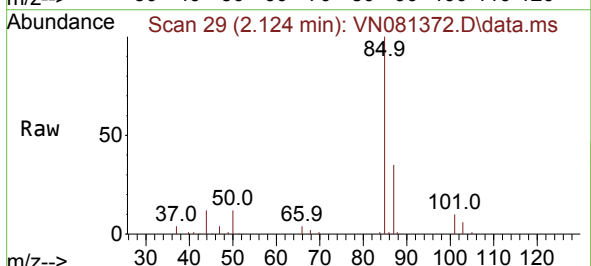
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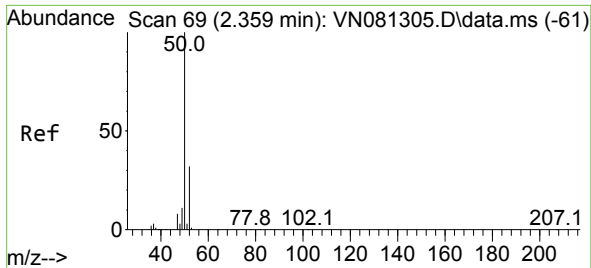
Tgt Ion: 85 Resp: 93339

Ion Ratio Lower Upper

85 100

87 34.5 15.3 45.9

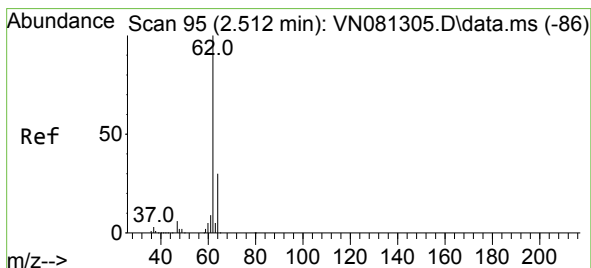
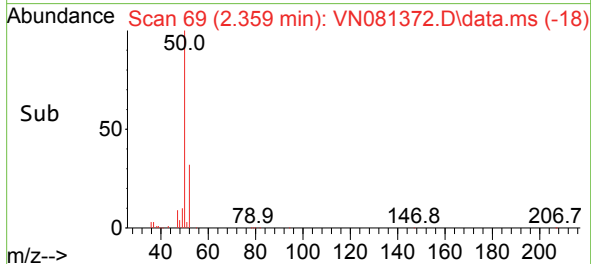
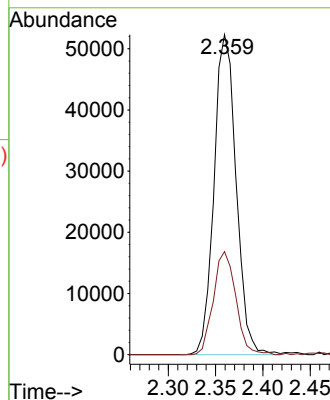
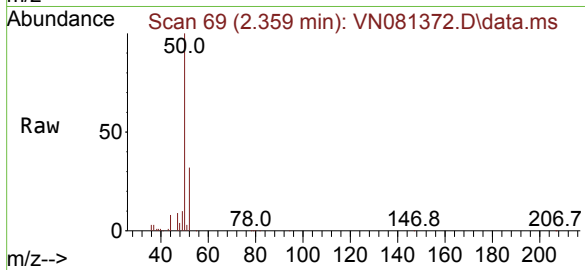




#3
Chloromethane
Concen: 16.801 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081372.D
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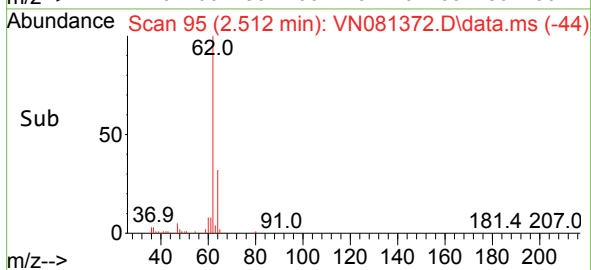
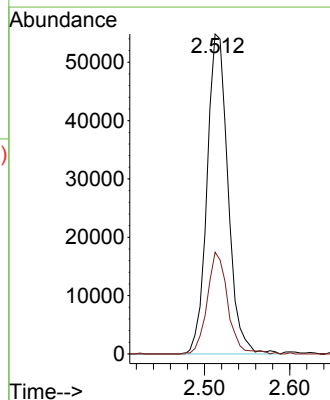
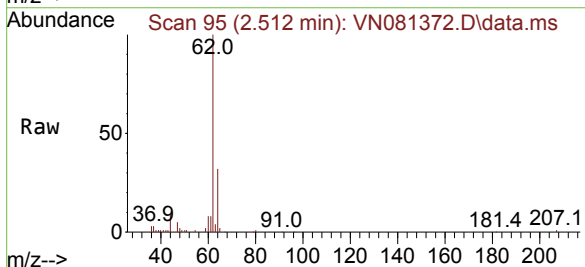
Instrument :
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ClientSampleId :
VN0312MBS01

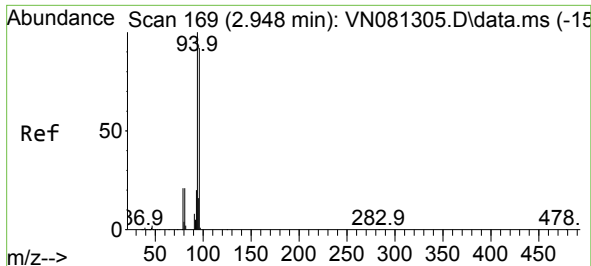
Tgt Ion: 50 Resp: 84912
Ion Ratio Lower Upper
50 100
52 32.2 25.0 37.4



#4
Vinyl Chloride
Concen: 17.771 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN081372.D
Acq: 12 Mar 2024 14:47

Tgt Ion: 62 Resp: 93694
Ion Ratio Lower Upper
62 100
64 31.8 22.7 34.1

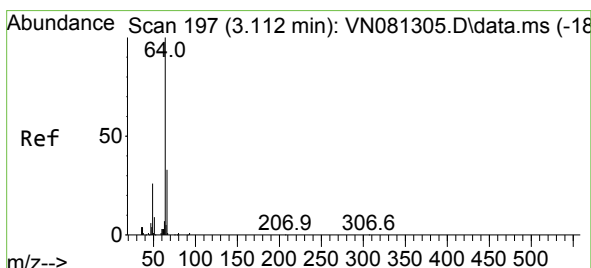
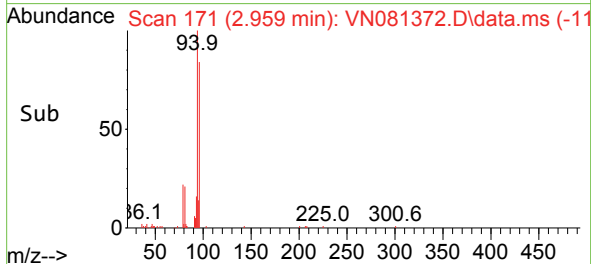
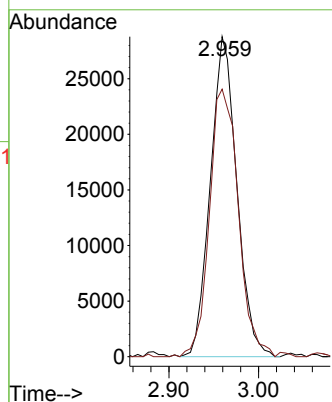
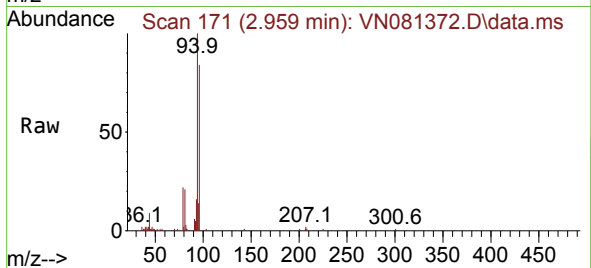




#5
Bromomethane
Concen: 16.760 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN081372.D
Acq: 12 Mar 2024 14:47

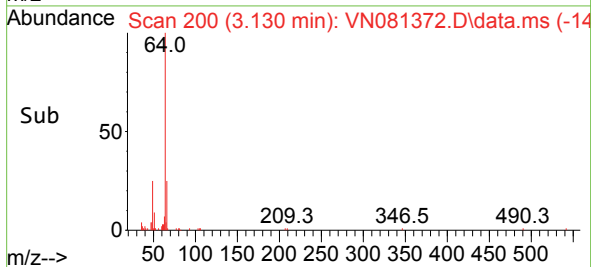
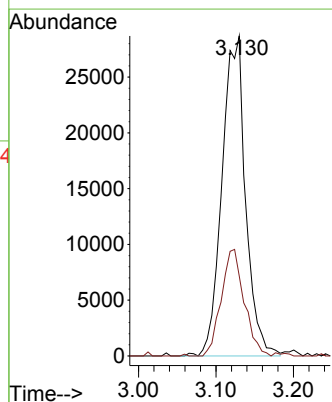
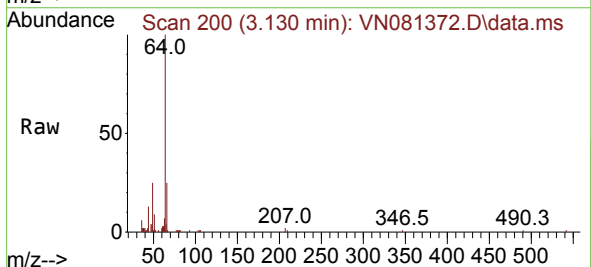
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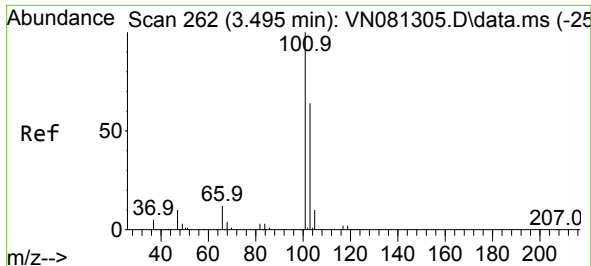
Tgt Ion: 94 Resp: 59017
Ion Ratio Lower Upper
94 100
96 83.6 69.2 103.8



#6
Chloroethane
Concen: 16.762 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.018 min
Lab File: VN081372.D
Acq: 12 Mar 2024 14:47

Tgt Ion: 64 Resp: 60697
Ion Ratio Lower Upper
64 100
66 25.0 26.4 39.6#

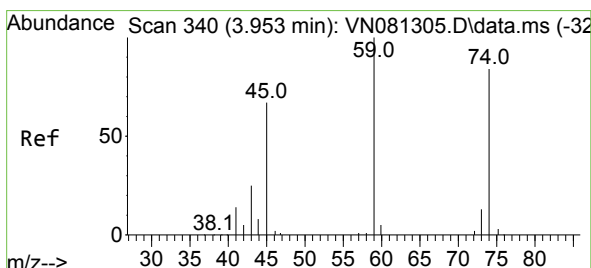
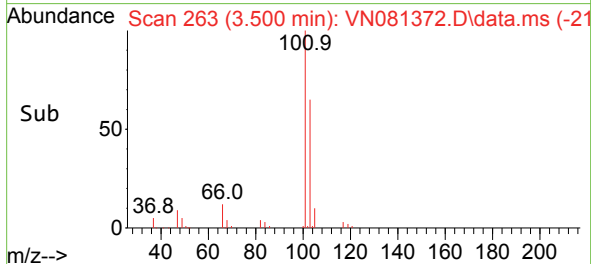
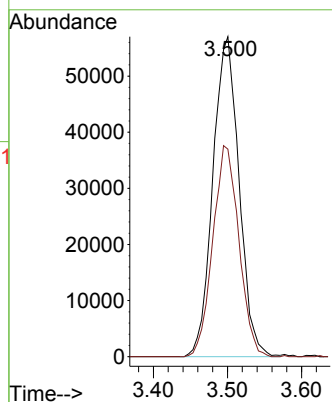
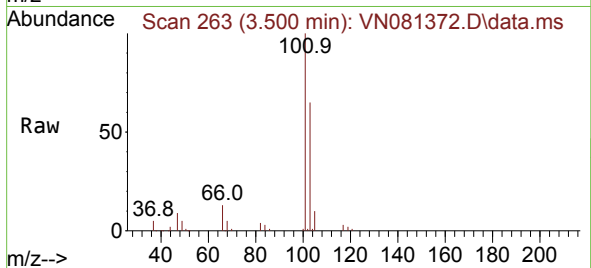




#7
Trichlorofluoromethane
Concen: 17.916 ug/l
RT: 3.500 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN081372.D
Acq: 12 Mar 2024 14:47

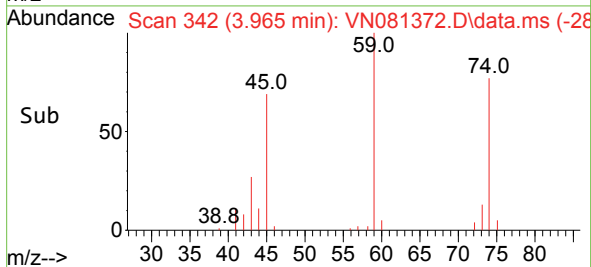
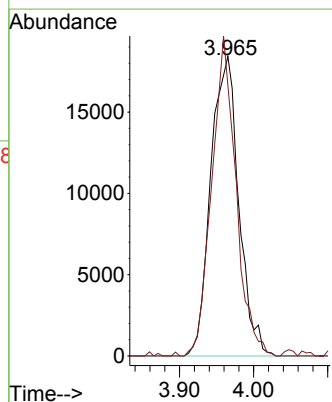
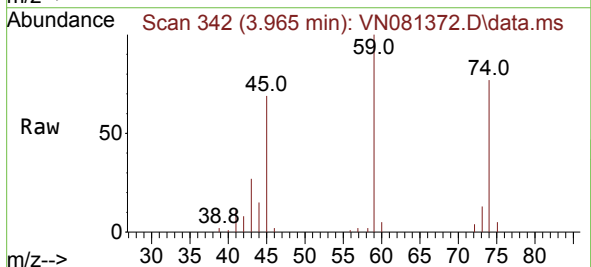
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MSVOA_N
ClientSampleId :
VN0312MBS01

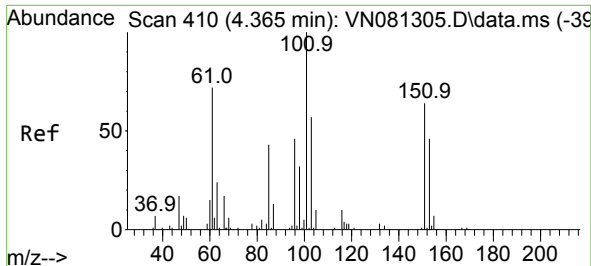
Tgt Ion:101 Resp: 139736
Ion Ratio Lower Upper
101 100
103 64.9 54.4 81.6



#8
Diethyl Ether
Concen: 17.611 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.012 min
Lab File: VN081372.D
Acq: 12 Mar 2024 14:47

Tgt Ion: 74 Resp: 48394
Ion Ratio Lower Upper
74 100
45 92.4 53.3 159.9

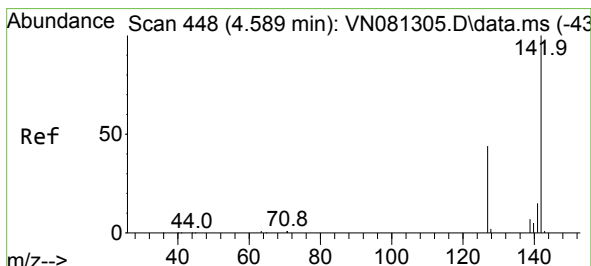
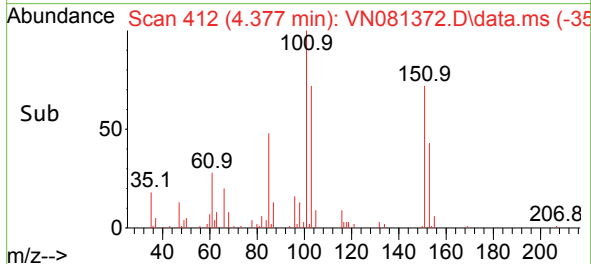
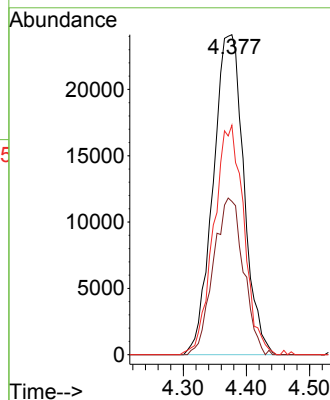
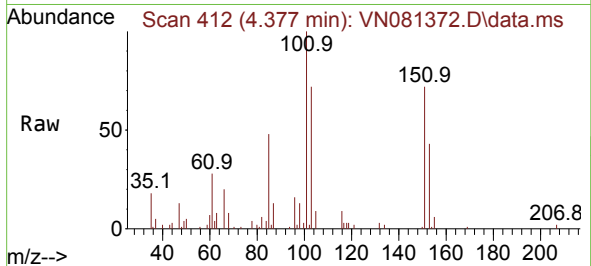




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.319 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN081372.D
Acq: 12 Mar 2024 14:47

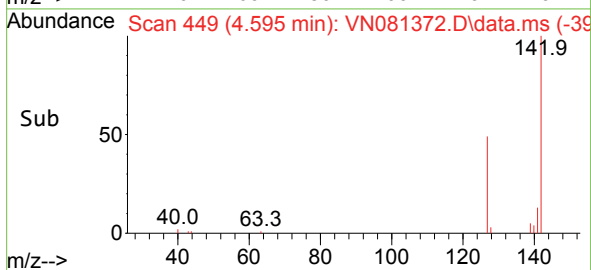
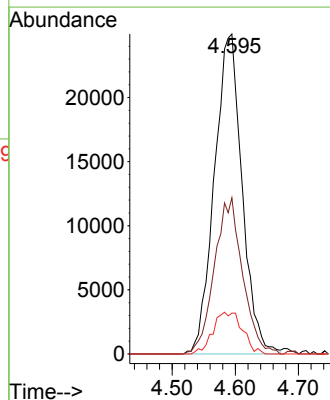
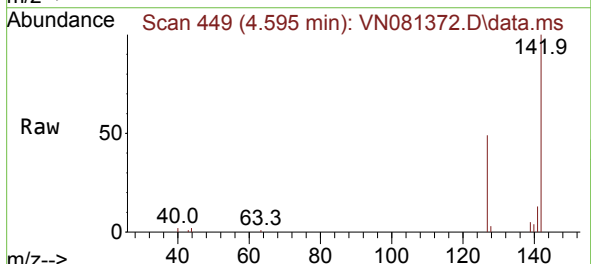
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBS01

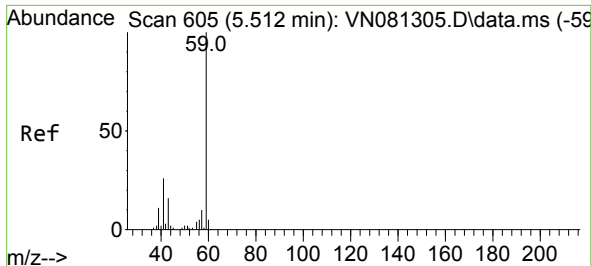
Tgt Ion:101 Resp: 81363
Ion Ratio Lower Upper
101 100
85 48.1 38.1 57.1
151 70.5 49.1 73.7



#10
Methyl Iodide
Concen: 18.716 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN081372.D
Acq: 12 Mar 2024 14:47

Tgt Ion:142 Resp: 76071
Ion Ratio Lower Upper
142 100
127 48.8 37.0 55.4
141 12.8 12.5 18.7





#11

Tert butyl alcohol

Concen: 77.625 ug/l

RT: 5.518 min Scan# 605

Delta R.T. 0.006 min

Lab File: VN081372.D

Acq: 12 Mar 2024 14:47

Instrument :

MSVOA_N

ClientSampleId :

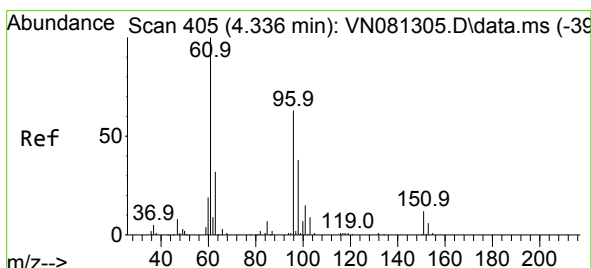
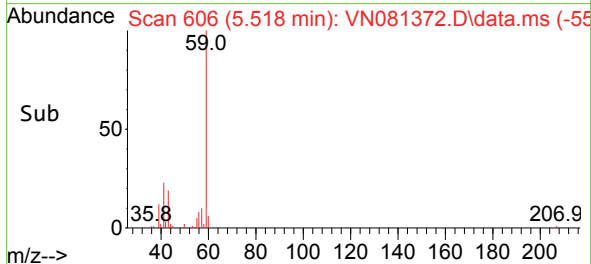
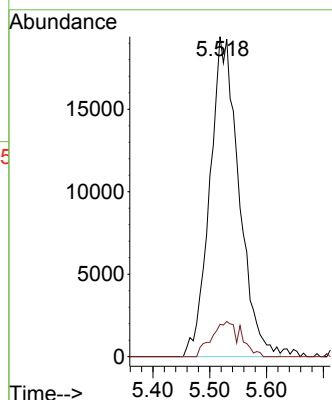
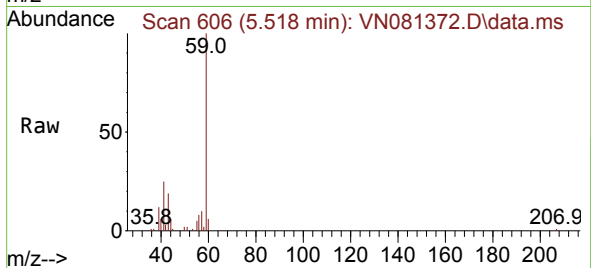
VN0312MBS01

Tgt Ion: 59 Resp: 69269

Ion Ratio Lower Upper

59 100

57 11.0 8.6 12.8



#12

1,1-Dichloroethene

Concen: 17.712 ug/l

RT: 4.336 min Scan# 405

Delta R.T. -0.000 min

Lab File: VN081372.D

Acq: 12 Mar 2024 14:47

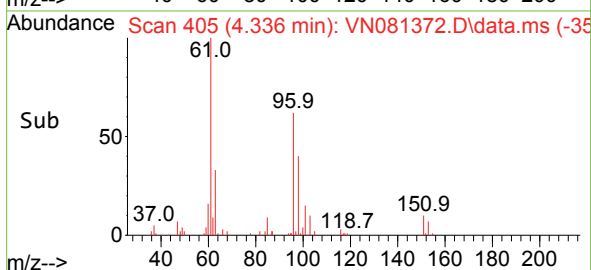
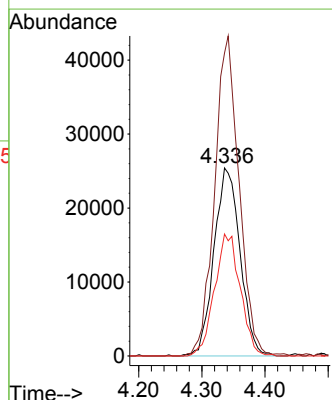
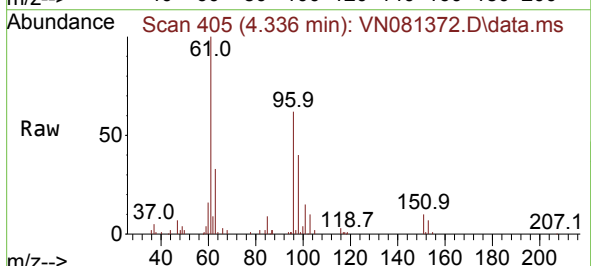
Tgt Ion: 96 Resp: 72854

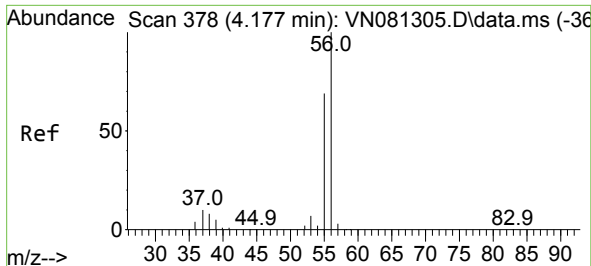
Ion Ratio Lower Upper

96 100

61 161.1 138.2 207.4

98 64.8 49.2 73.8





#13

Acrolein

Concen: 59.693 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN081372.D

Acq: 12 Mar 2024 14:47

Instrument :

MSVOA_N

ClientSampleId :

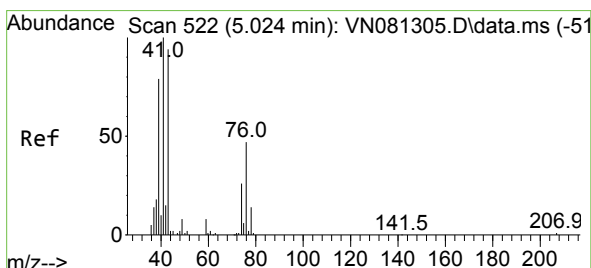
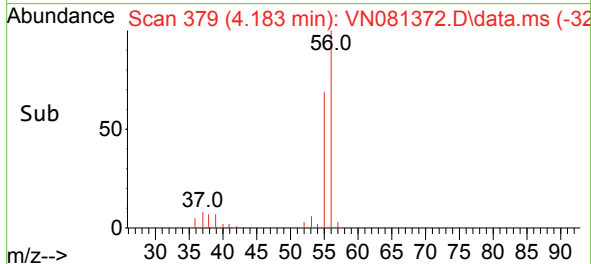
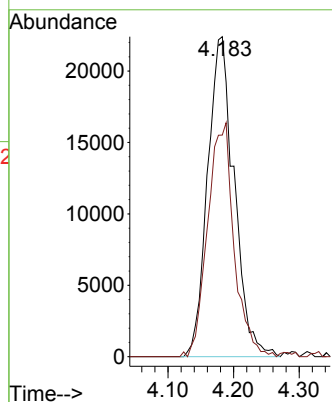
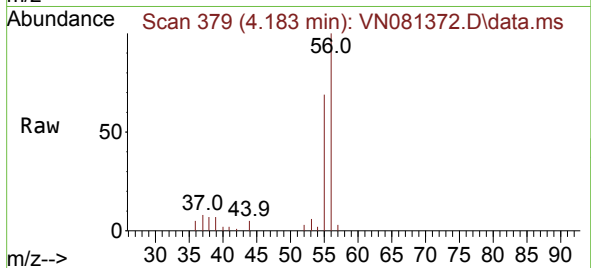
VN0312MBS01

Tgt Ion: 56 Resp: 63075

Ion Ratio Lower Upper

56 100

55 72.4 55.3 82.9



#14

Allyl chloride

Concen: 19.695 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.006 min

Lab File: VN081372.D

Acq: 12 Mar 2024 14:47

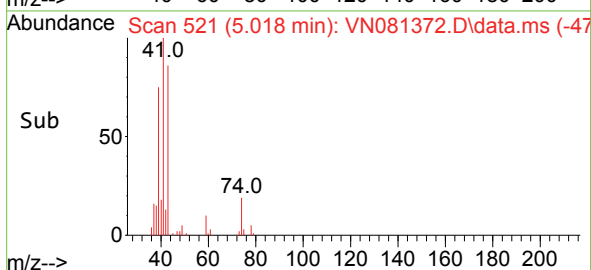
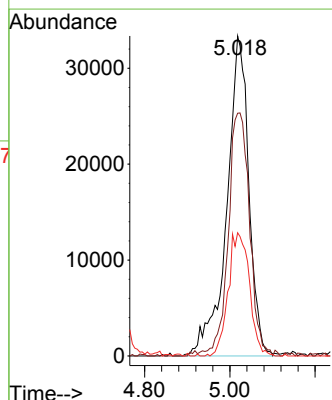
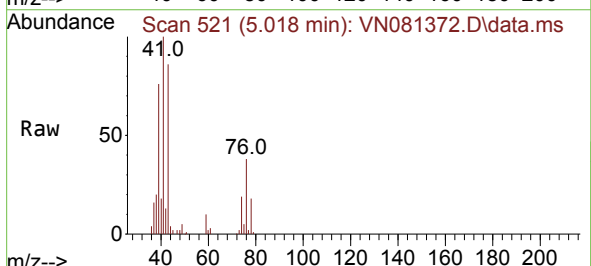
Tgt Ion: 41 Resp: 120226

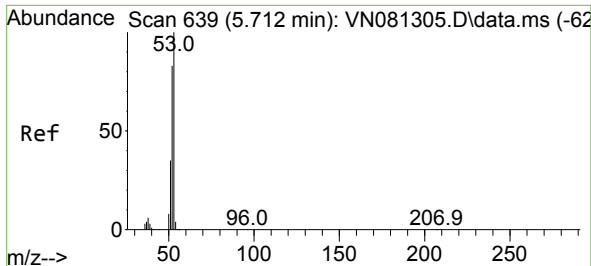
Ion Ratio Lower Upper

41 100

39 73.1 57.7 86.5

76 37.0 26.8 40.2

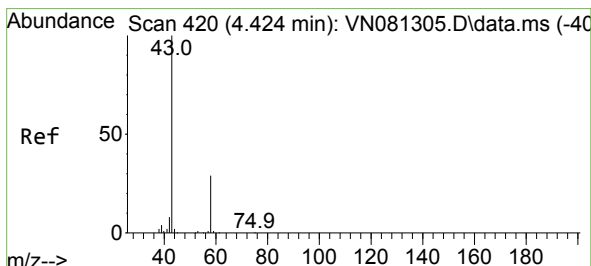
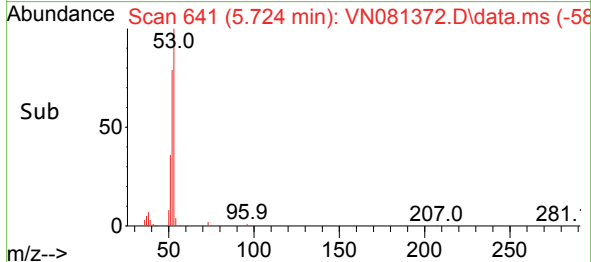
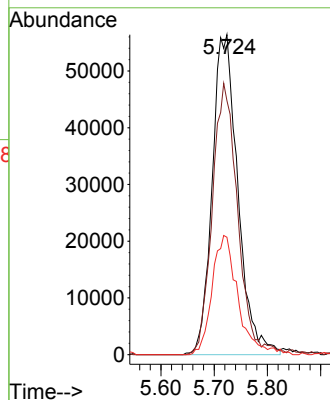
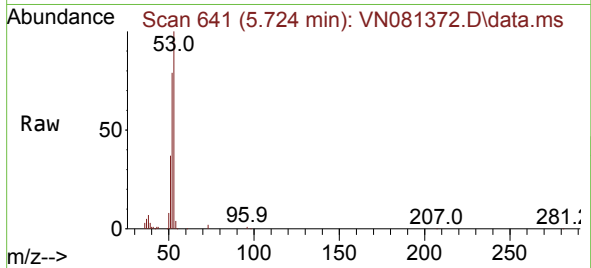




#15
Acrylonitrile
Concen: 80.994 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.012 min
Lab File: VN081372.D
Acq: 12 Mar 2024 14:47

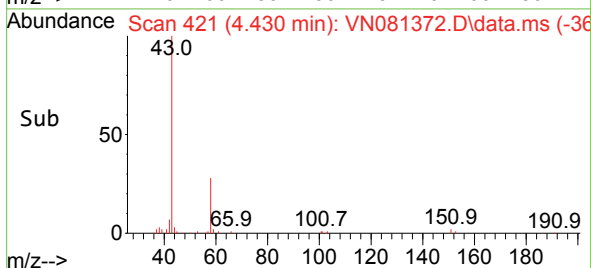
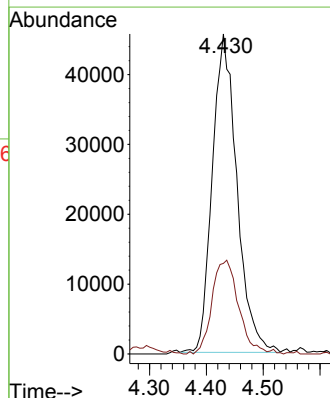
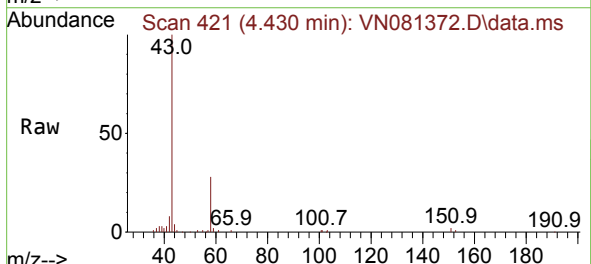
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBS01

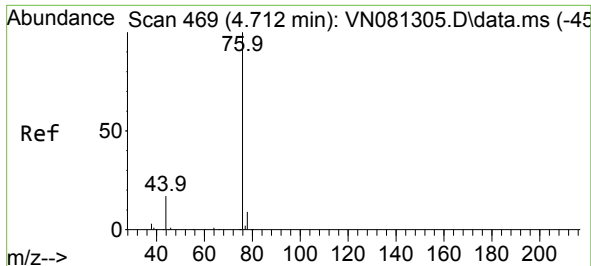
Tgt Ion: 53 Resp: 188814
Ion Ratio Lower Upper
53 100
52 83.9 64.8 97.2
51 37.7 26.9 40.3



#16
Acetone
Concen: 75.668 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081372.D
Acq: 12 Mar 2024 14:47

Tgt Ion: 43 Resp: 136818
Ion Ratio Lower Upper
43 100
58 28.1 24.8 37.2

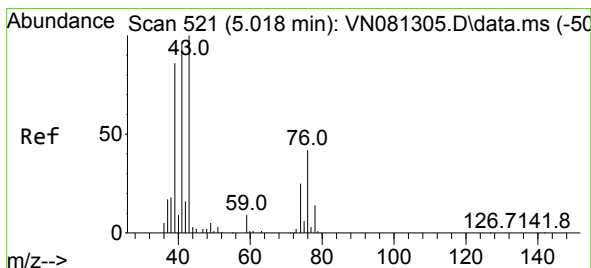
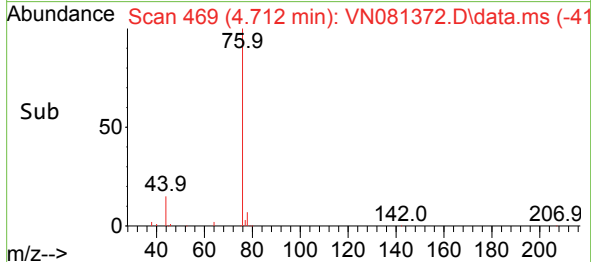
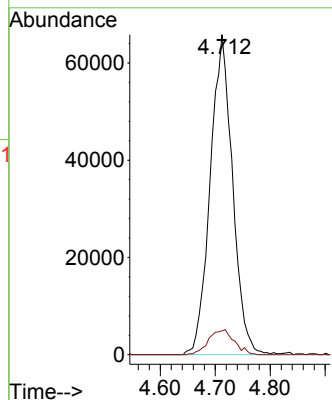
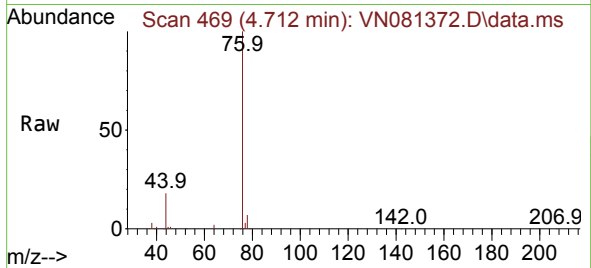




#17
Carbon Disulfide
Concen: 15.845 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN081372.D
Acq: 12 Mar 2024 14:47

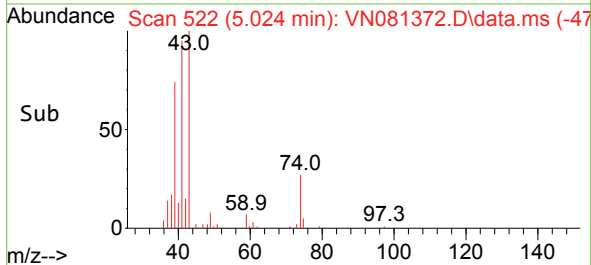
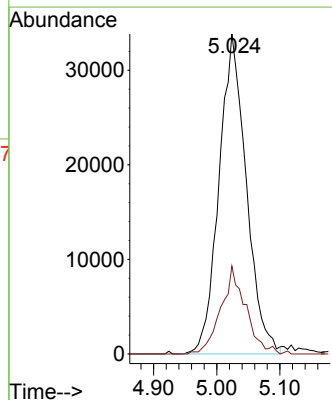
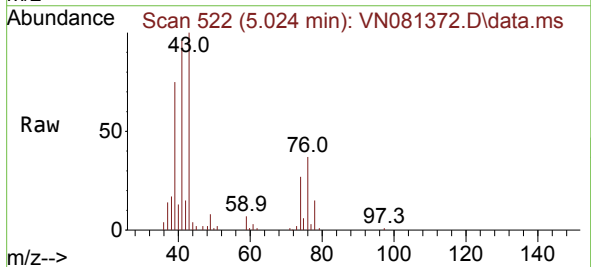
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBS01

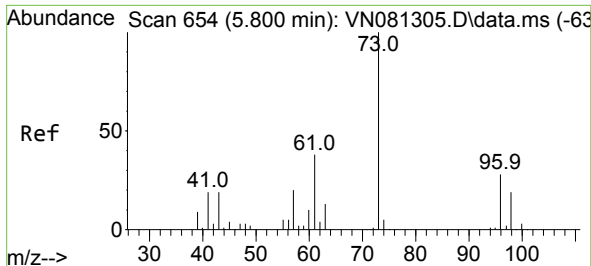
Tgt Ion: 76 Resp: 186017
Ion Ratio Lower Upper
76 100
78 7.4 6.3 9.5



#18
Methyl Acetate
Concen: 19.632 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081372.D
Acq: 12 Mar 2024 14:47

Tgt Ion: 43 Resp: 101631
Ion Ratio Lower Upper
43 100
74 24.8 17.3 25.9

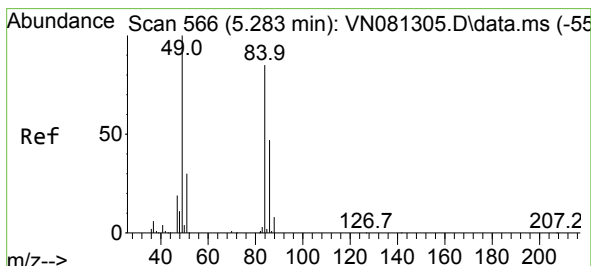
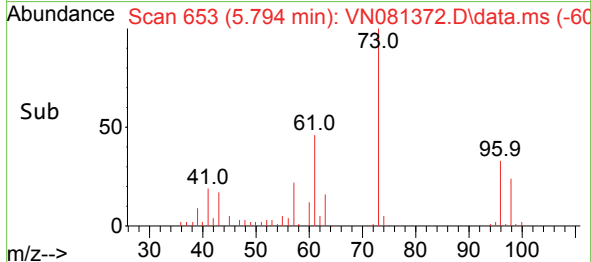
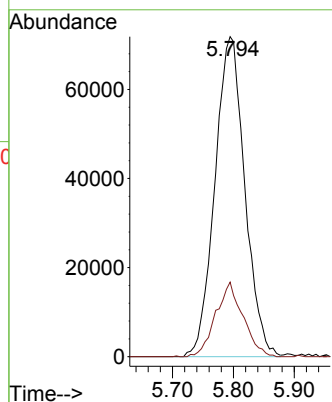
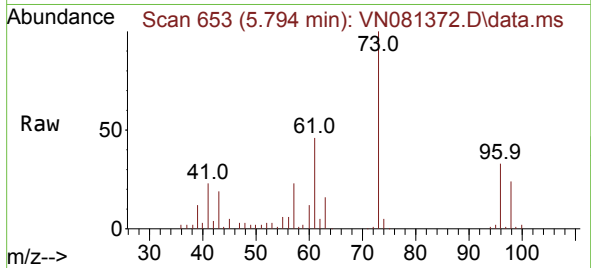




#19
Methyl tert-butyl Ether
Concen: 17.585 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081372.D
Acq: 12 Mar 2024 14:47

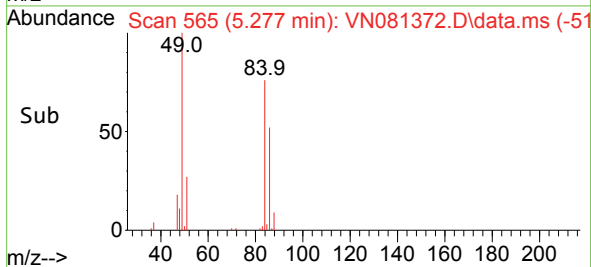
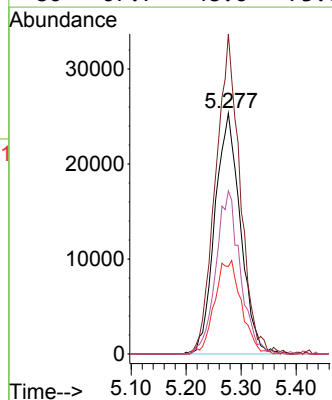
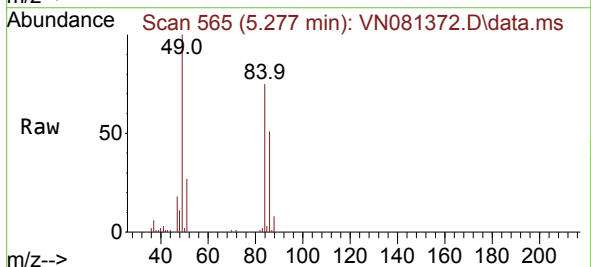
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBS01

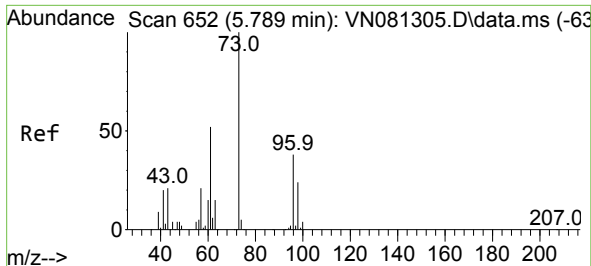
Tgt Ion: 73 Resp: 245318
Ion Ratio Lower Upper
73 100
57 23.3 18.2 27.4



#20
Methylene Chloride
Concen: 17.787 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN081372.D
Acq: 12 Mar 2024 14:47

Tgt Ion: 84 Resp: 81775
Ion Ratio Lower Upper
84 100
49 132.9 108.1 162.1
51 36.4 32.9 49.3
86 67.7 48.6 73.0

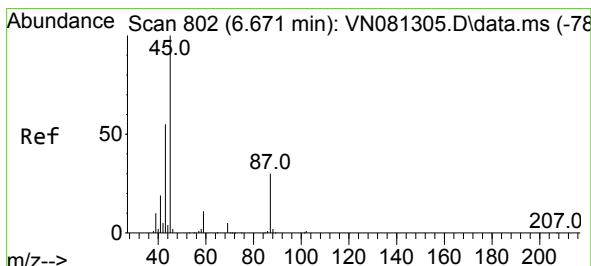
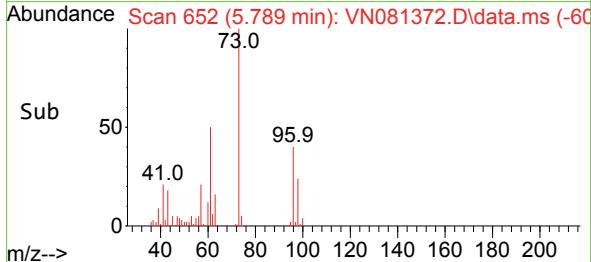
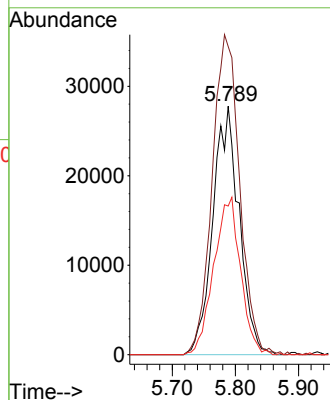
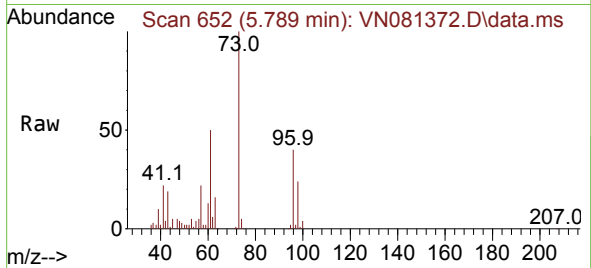




#21
trans-1,2-Dichloroethene
Concen: 17.276 ug/l
RT: 5.789 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN081372.D
Acq: 12 Mar 2024 14:47

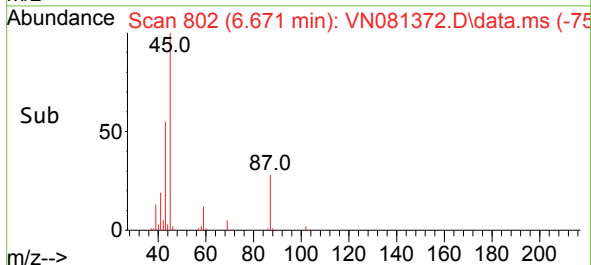
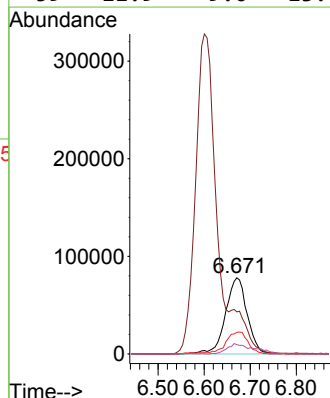
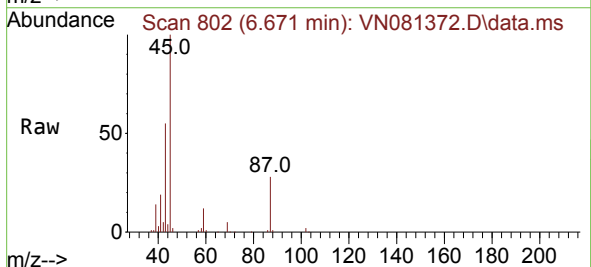
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBS01

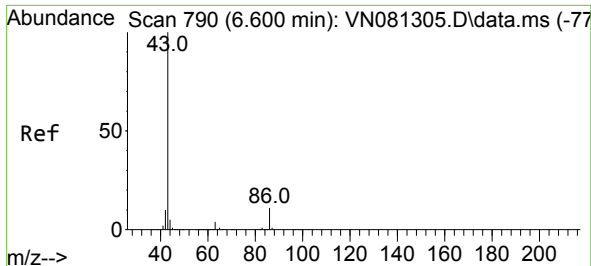
Tgt Ion: 96 Resp: 80118
Ion Ratio Lower Upper
96 100
61 124.1 112.8 169.2
98 59.8 51.0 76.4



#22
Diisopropyl ether
Concen: 18.699 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081372.D
Acq: 12 Mar 2024 14:47

Tgt Ion: 45 Resp: 253521
Ion Ratio Lower Upper
45 100
43 54.2 41.8 62.8
87 28.3 18.1 27.1#
59 11.9 9.0 13.6

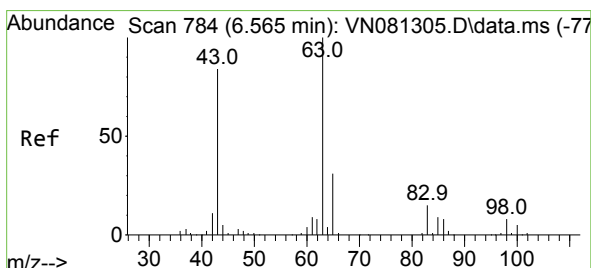
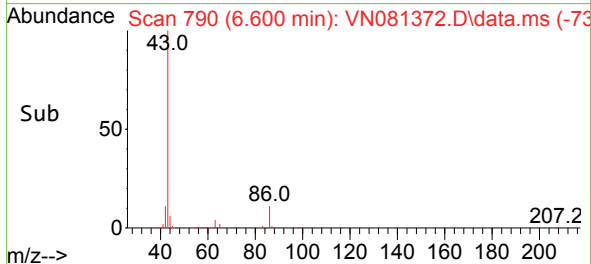
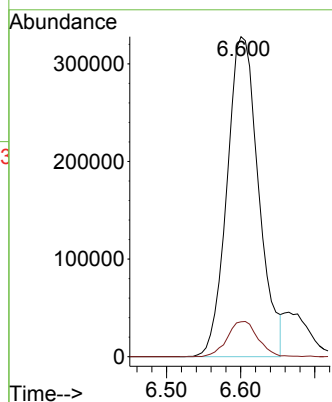
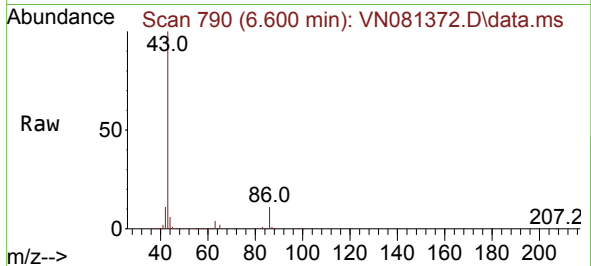




#23
 Vinyl Acetate
 Concen: 88.310 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081372.D
 Acq: 12 Mar 2024 14:47

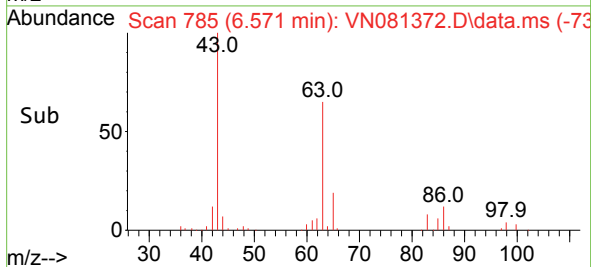
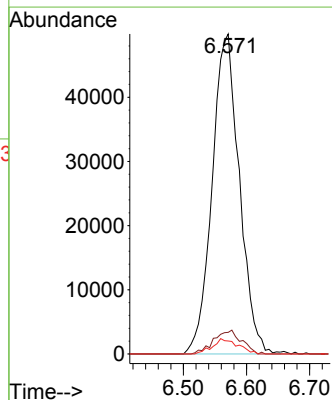
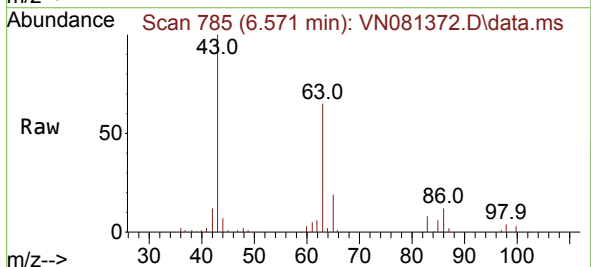
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312MBS01

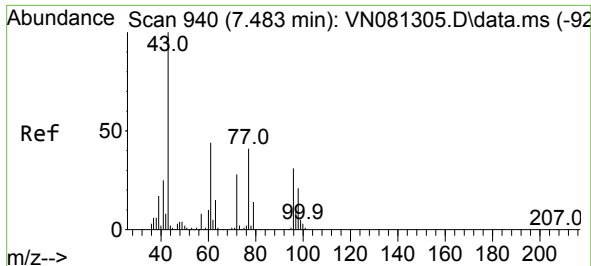
Tgt Ion: 43 Resp: 972699
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 18.004 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN081372.D
 Acq: 12 Mar 2024 14:47

Tgt Ion: 63 Resp: 149425
 Ion Ratio Lower Upper
 63 100
 98 6.7 2.9 8.6
 100 4.1 1.9 5.7

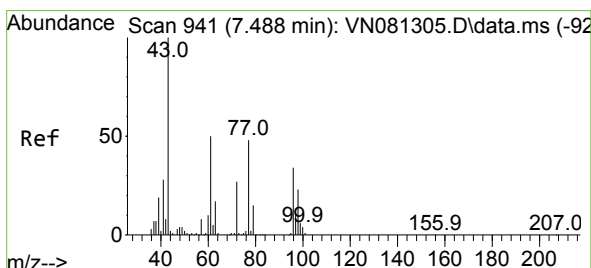
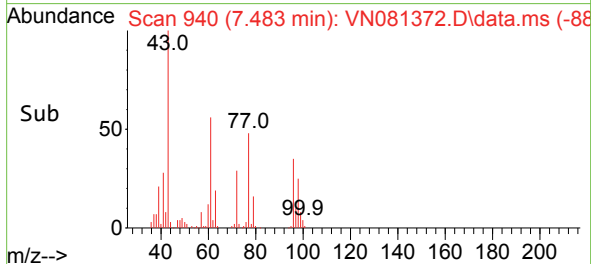
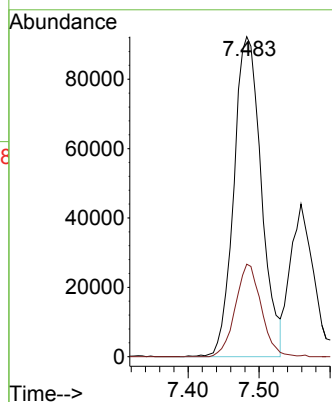
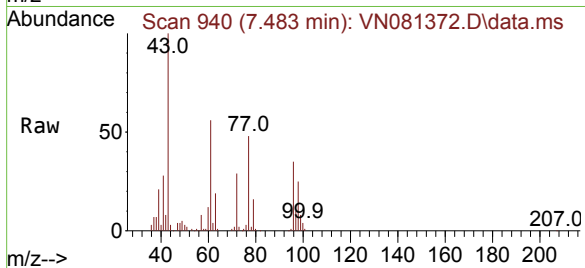




#25
2-Butanone
Concen: 82.128 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081372.D
Acq: 12 Mar 2024 14:47

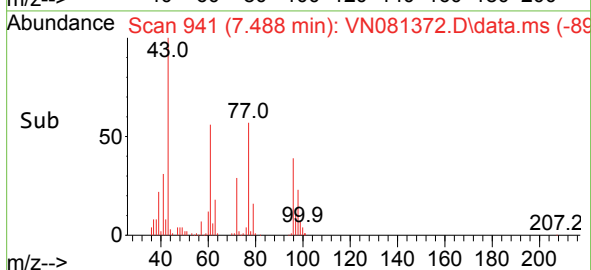
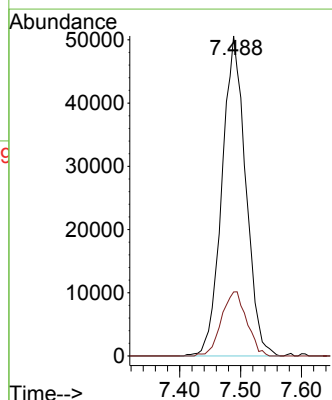
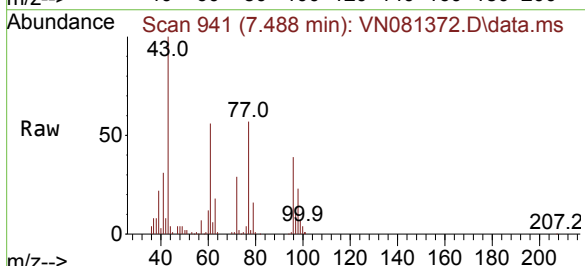
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBS01

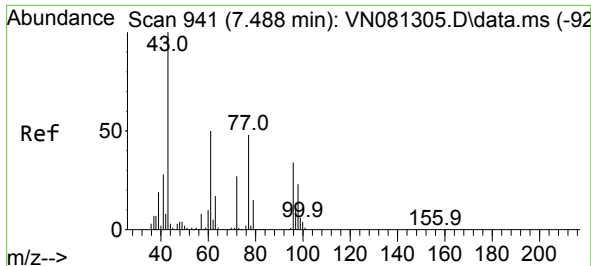
Tgt Ion: 43 Resp: 248688
Ion Ratio Lower Upper
43 100
72 28.9 19.5 29.3



#26
2,2-Dichloropropane
Concen: 18.735 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081372.D
Acq: 12 Mar 2024 14:47

Tgt Ion: 77 Resp: 137424
Ion Ratio Lower Upper
77 100
97 21.4 11.5 34.5

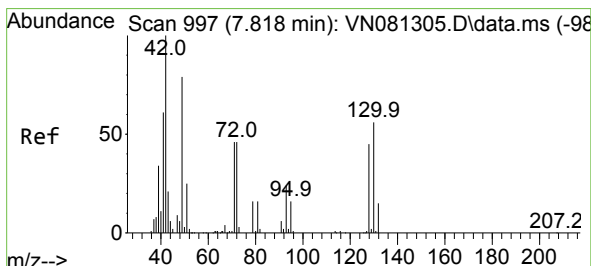
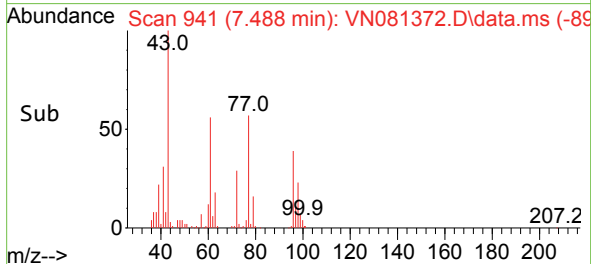
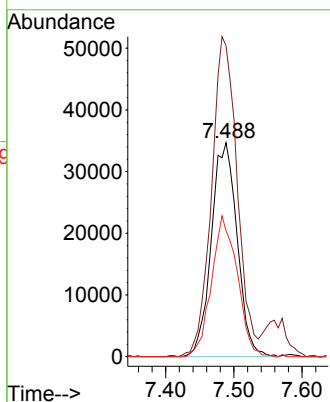
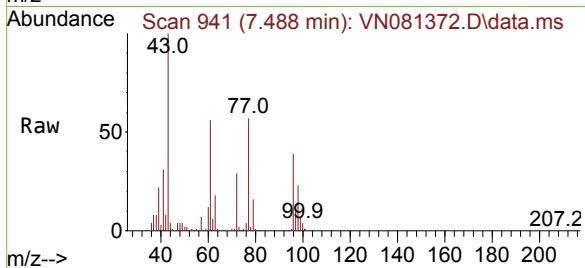




#27
 cis-1,2-Dichloroethene
 Concen: 17.396 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN081372.D
 Acq: 12 Mar 2024 14:47

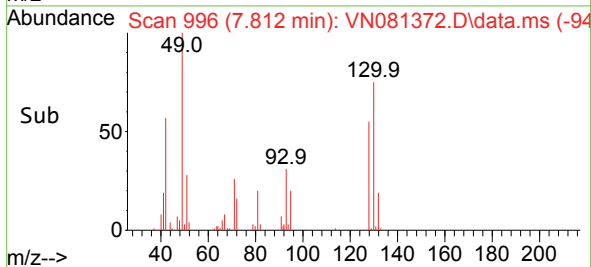
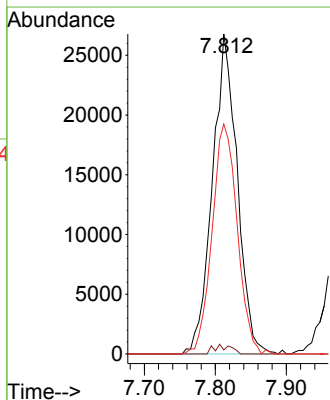
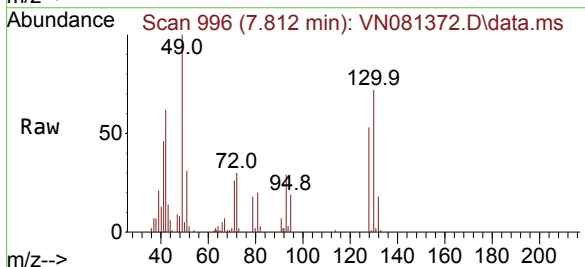
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312MBS01

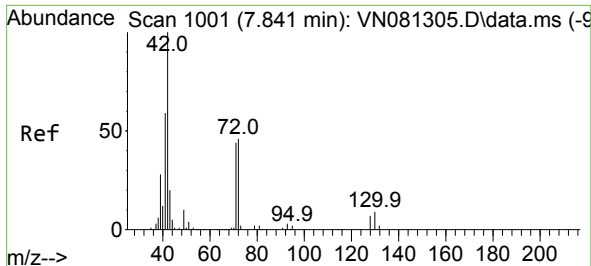
Tgt Ion: 96 Resp: 91464
 Ion Ratio Lower Upper
 96 100
 61 148.7 0.0 325.4
 98 65.6 0.0 130.4



#28
 Bromochloromethane
 Concen: 18.261 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN081372.D
 Acq: 12 Mar 2024 14:47

Tgt Ion: 49 Resp: 64849
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 1.6#
 130 72.8 42.3 63.5#





#29

Tetrahydrofuran

Concen: 80.035 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN081372.D

Acq: 12 Mar 2024 14:47

Instrument :

MSVOA_N

ClientSampleId :

VN0312MBS01

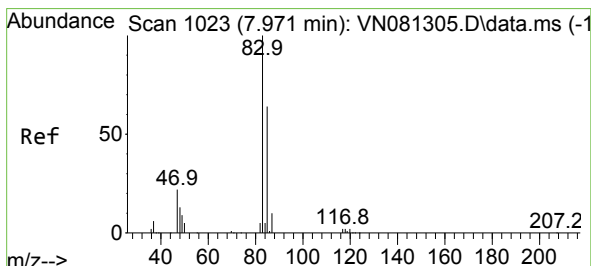
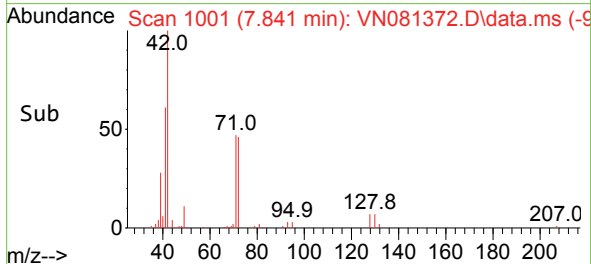
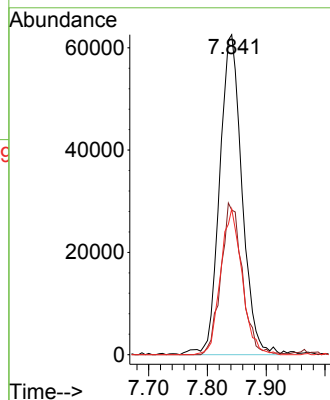
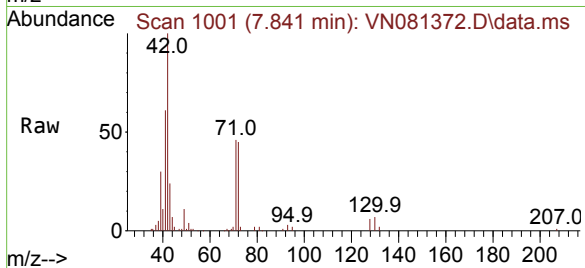
Tgt Ion: 42 Resp: 165258

Ion Ratio Lower Upper

42 100

72 45.3 31.1 46.7

71 43.8 28.3 42.5#



#30

Chloroform

Concen: 18.739 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN081372.D

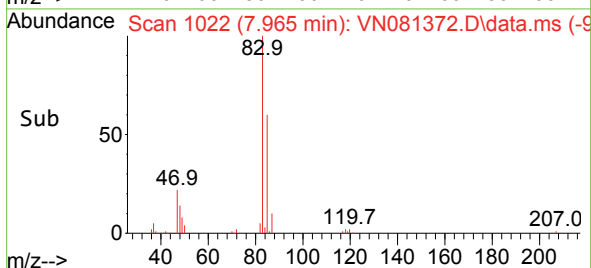
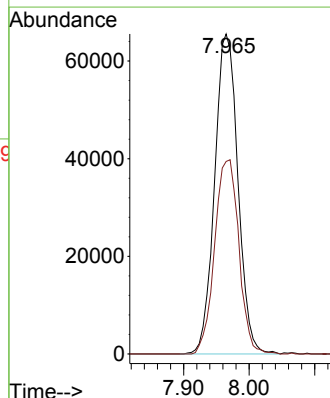
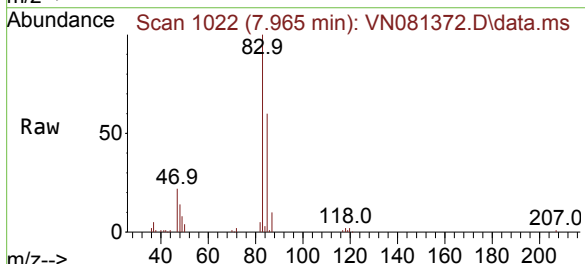
Acq: 12 Mar 2024 14:47

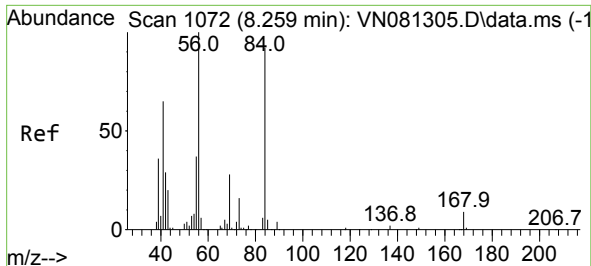
Tgt Ion: 83 Resp: 161396

Ion Ratio Lower Upper

83 100

85 60.2 51.0 76.6

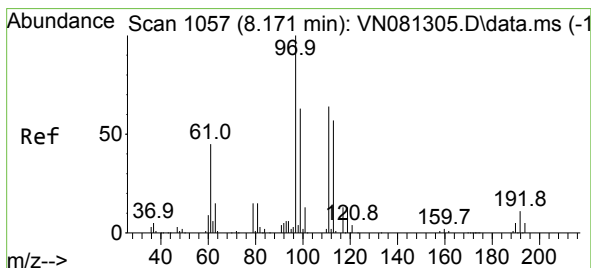
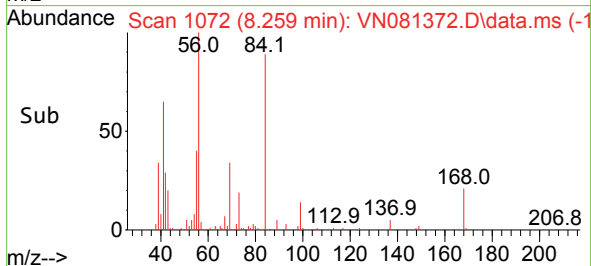
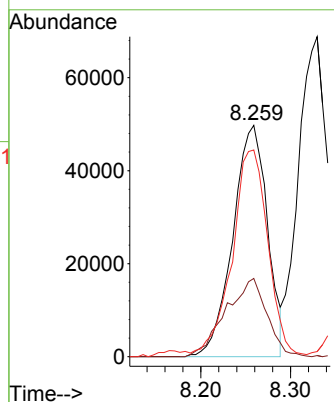
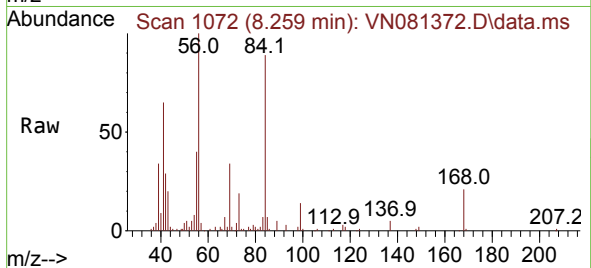




#31
Cyclohexane
Concen: 17.253 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081372.D
Acq: 12 Mar 2024 14:47

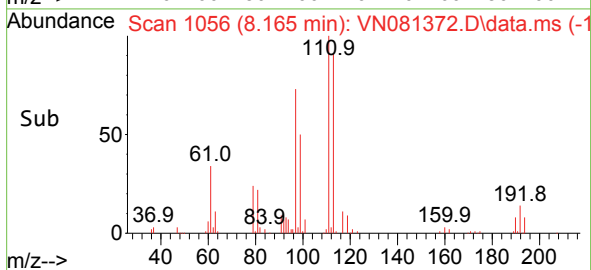
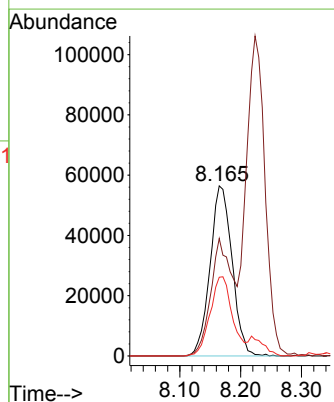
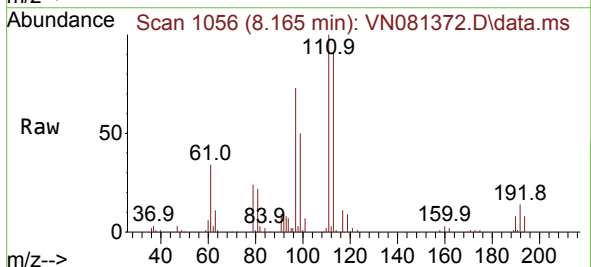
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBS01

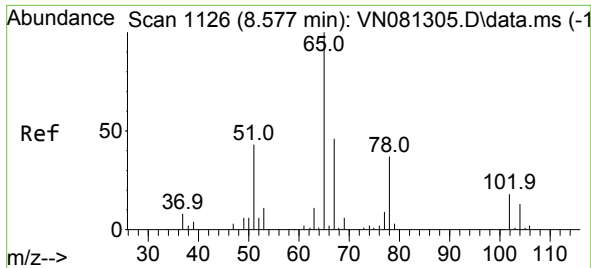
Tgt Ion: 56 Resp: 133304
Ion Ratio Lower Upper
56 100
69 33.8 20.1 30.1#
84 87.4 56.9 85.3#



#32
1,1,1-Trichloroethane
Concen: 18.623 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081372.D
Acq: 12 Mar 2024 14:47

Tgt Ion: 97 Resp: 141773
Ion Ratio Lower Upper
97 100
99 68.2 53.4 80.0
61 46.8 43.8 65.8

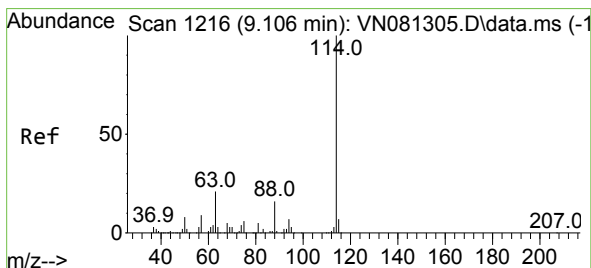
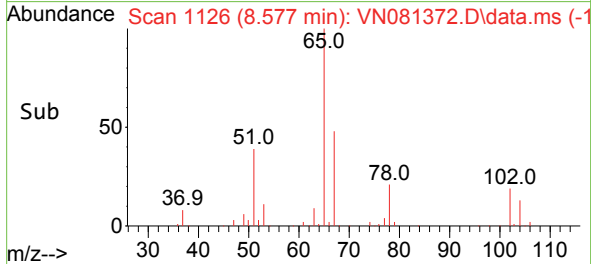
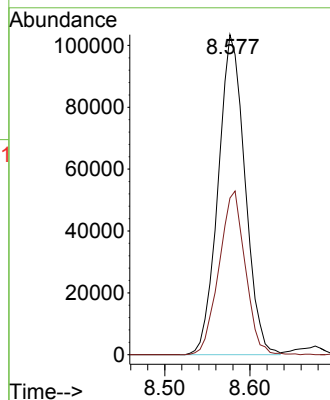
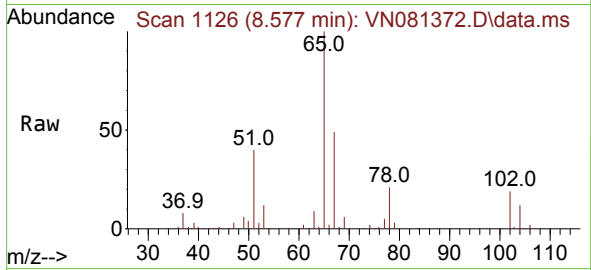




#33
 1,2-Dichloroethane-d4
 Concen: 44.374 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN081372.D
 Acq: 12 Mar 2024 14:47

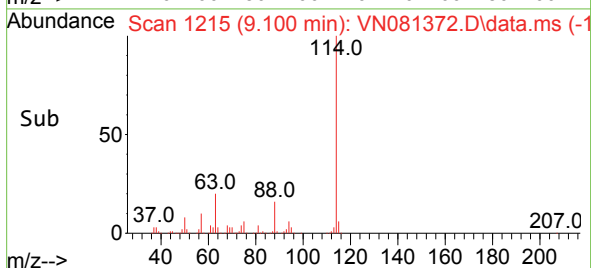
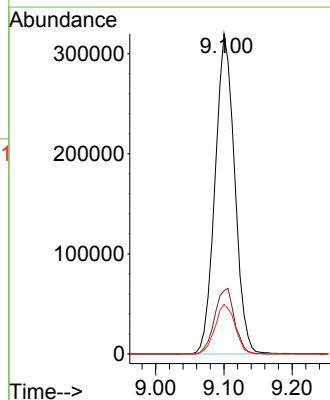
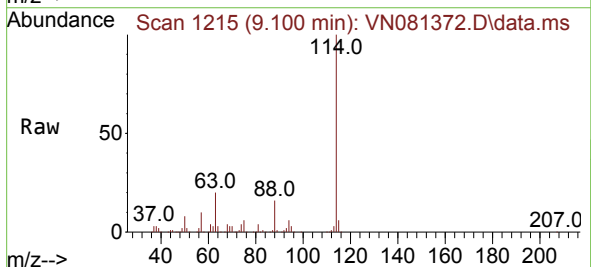
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312MBS01

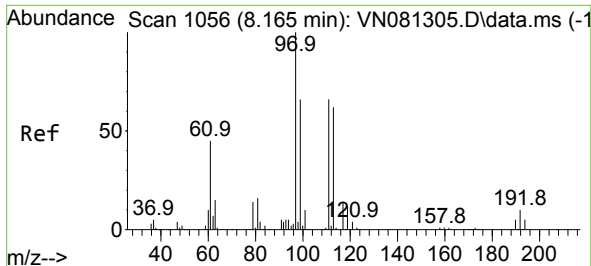
Tgt Ion: 65 Resp: 226453
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.006 min
 Lab File: VN081372.D
 Acq: 12 Mar 2024 14:47

Tgt Ion: 114 Resp: 640073
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 48.0
 88 15.5 0.0 34.8

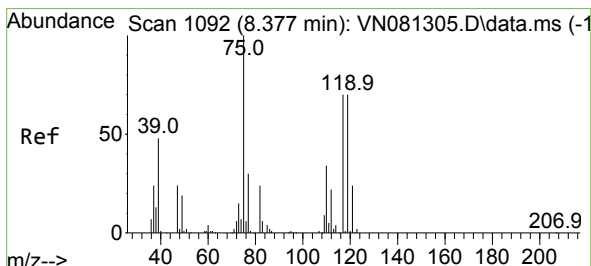
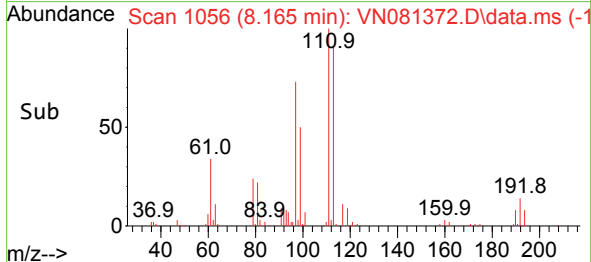
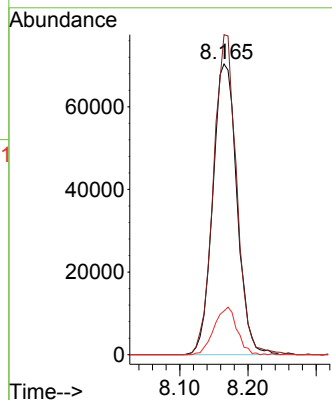
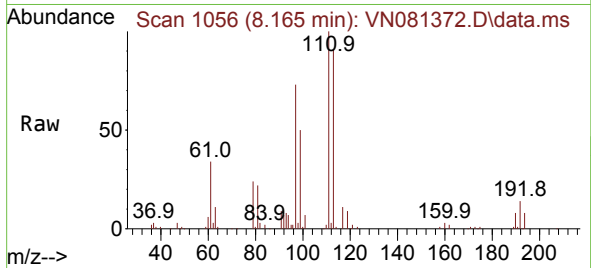




#35
Dibromofluoromethane
Concen: 44.340 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081372.D
Acq: 12 Mar 2024 14:47

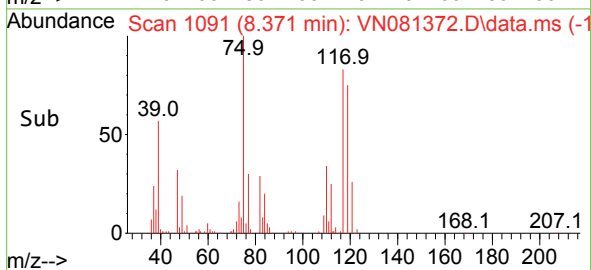
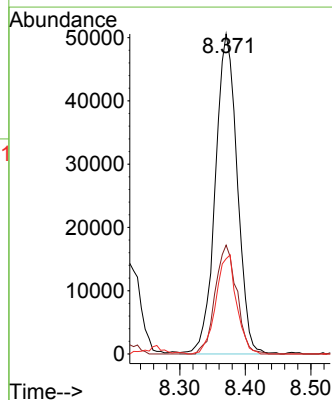
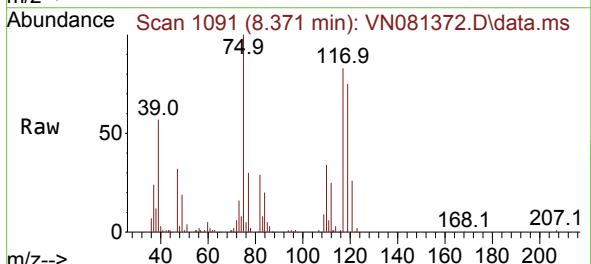
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBS01

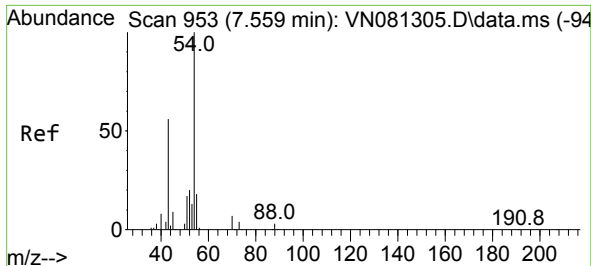
Tgt Ion:113 Resp: 173879
Ion Ratio Lower Upper
113 100
111 105.3 82.2 123.4
192 15.5 12.5 18.7



#36
1,1-Dichloropropene
Concen: 18.531 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN081372.D
Acq: 12 Mar 2024 14:47

Tgt Ion: 75 Resp: 117241
Ion Ratio Lower Upper
75 100
110 33.4 16.0 48.0
77 29.2 25.8 38.6

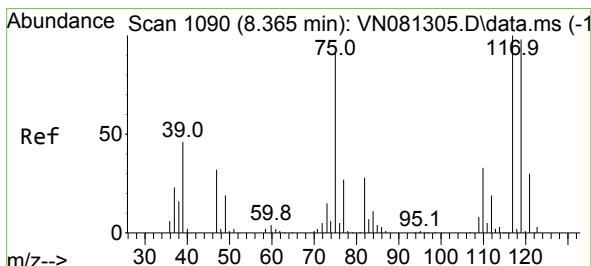
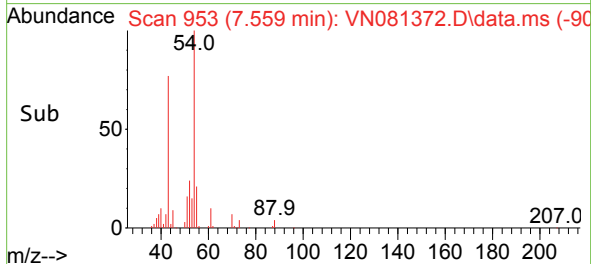
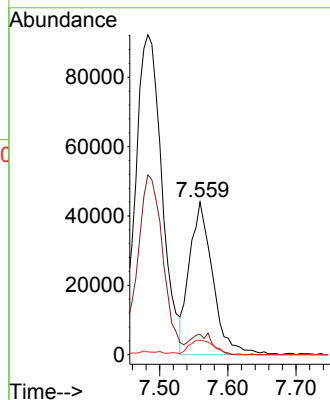
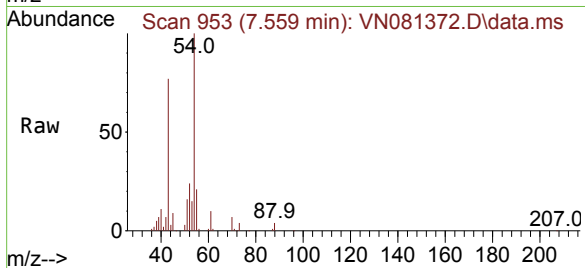




#37
Ethyl Acetate
Concen: 16.874 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081372.D
Acq: 12 Mar 2024 14:47

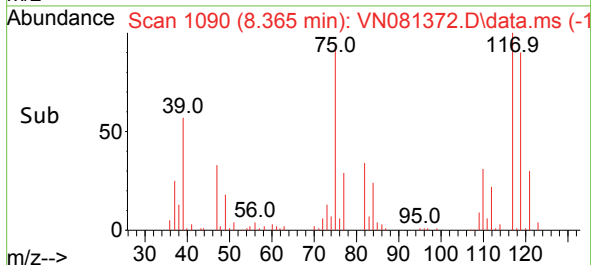
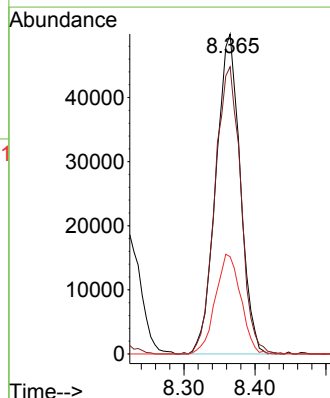
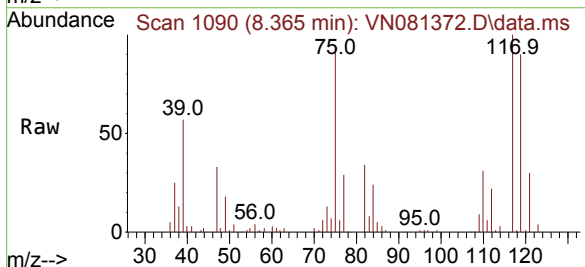
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBS01

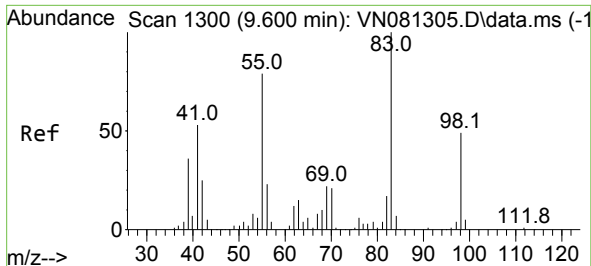
Tgt Ion: 43 Resp: 104354
Ion Ratio Lower Upper
43 100
61 13.2 10.6 15.8
70 10.2 8.0 12.0



#38
Carbon Tetrachloride
Concen: 18.646 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN081372.D
Acq: 12 Mar 2024 14:47

Tgt Ion: 117 Resp: 118723
Ion Ratio Lower Upper
117 100
119 89.8 73.4 110.2
121 30.4 24.4 36.6





#39

Methylcyclohexane

Concen: 17.643 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN081372.D

Acq: 12 Mar 2024 14:47

Instrument :

MSVOA_N

ClientSampleId :

VN0312MBS01

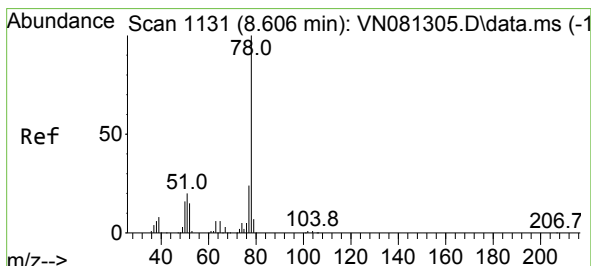
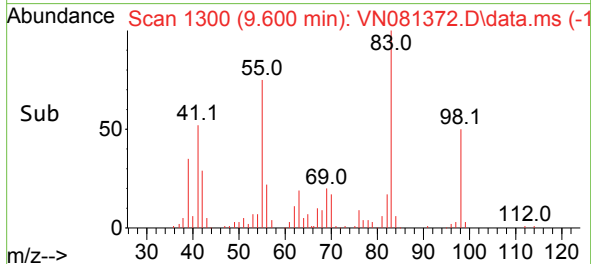
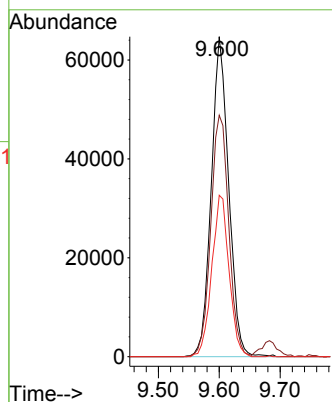
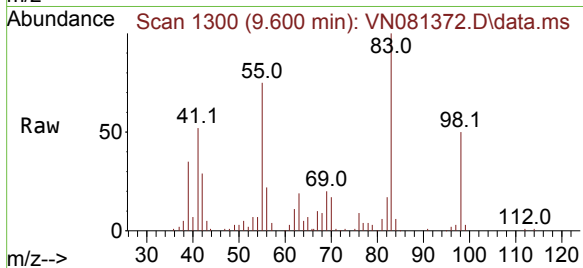
Tgt Ion: 83 Resp: 128458

Ion Ratio Lower Upper

83 100

55 75.4 65.7 98.5

98 50.5 33.8 50.6



#40

Benzene

Concen: 18.252 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN081372.D

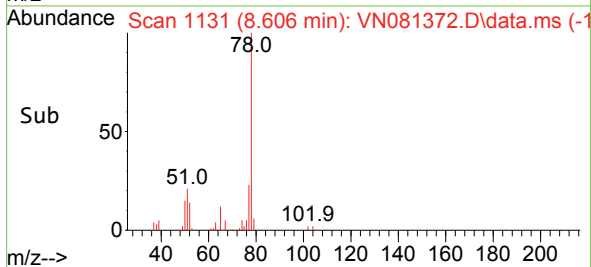
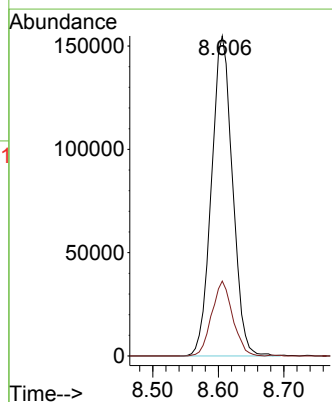
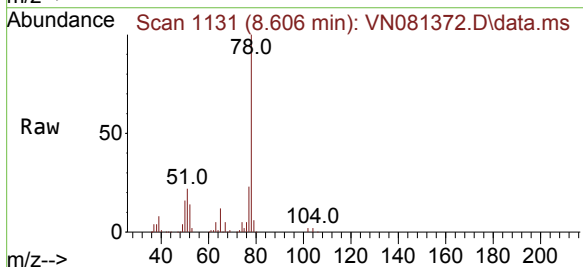
Acq: 12 Mar 2024 14:47

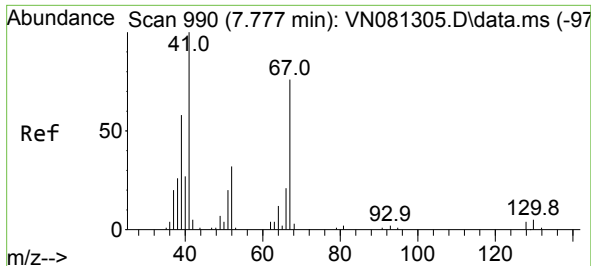
Tgt Ion: 78 Resp: 344673

Ion Ratio Lower Upper

78 100

77 23.4 20.4 30.6

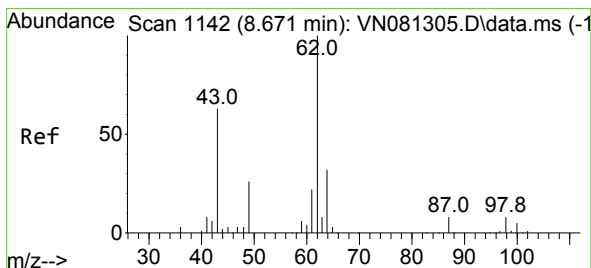
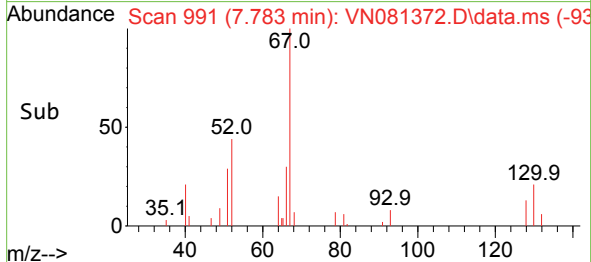
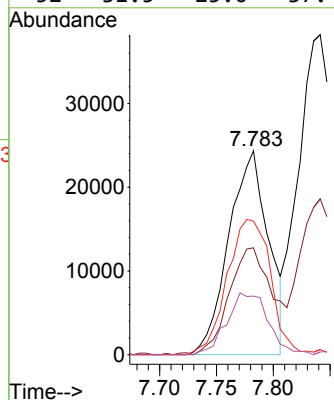
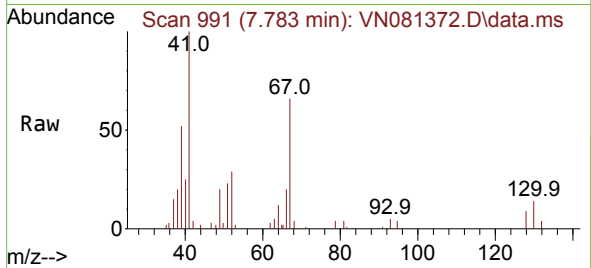




#41
Methacrylonitrile
Concen: 16.937 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081372.D
Acq: 12 Mar 2024 14:47

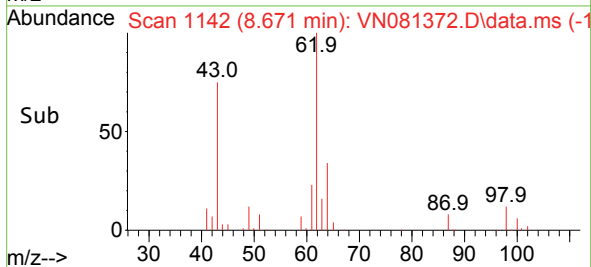
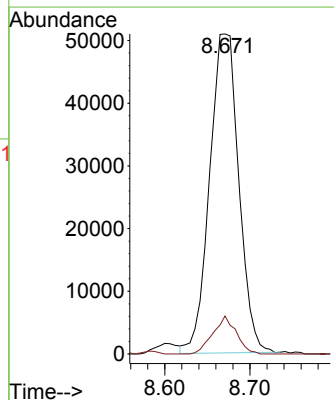
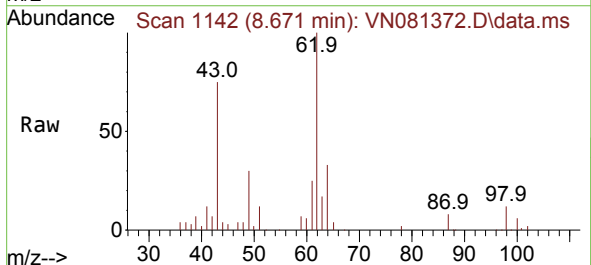
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBS01

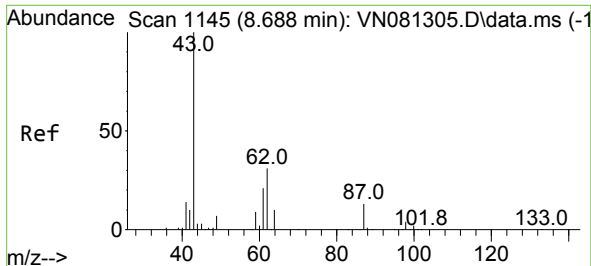
Tgt Ion: 41	Resp: 59154
Ion Ratio	Lower Upper
41 100	
39 58.1	48.4 72.6
67 73.5	56.8 85.2
52 31.5	25.0 37.4



#42
1,2-Dichloroethane
Concen: 18.178 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081372.D
Acq: 12 Mar 2024 14:47

Tgt Ion: 62	Resp: 121035
Ion Ratio	Lower Upper
62 100	
98 9.5	0.0 18.0

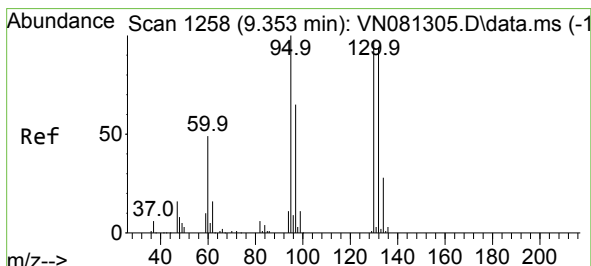
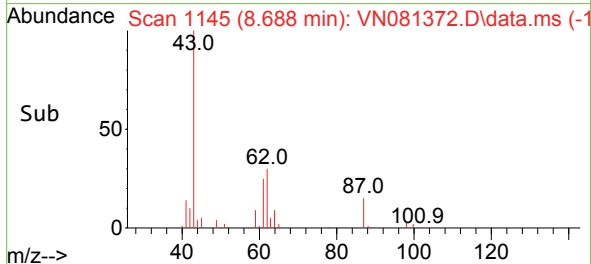
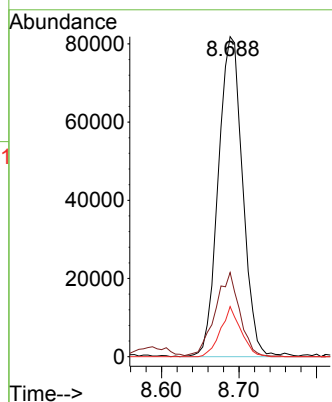
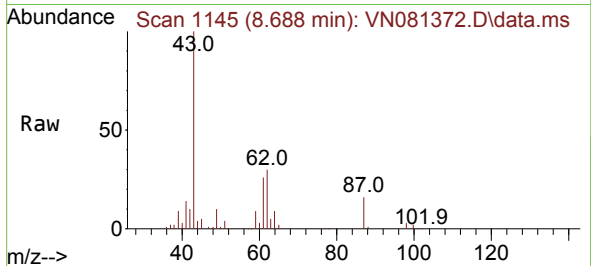




#43
Isopropyl Acetate
Concen: 16.493 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081372.D
Acq: 12 Mar 2024 14:47

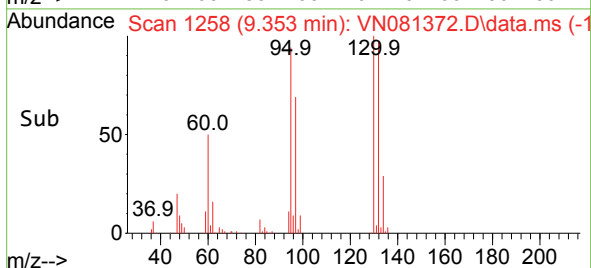
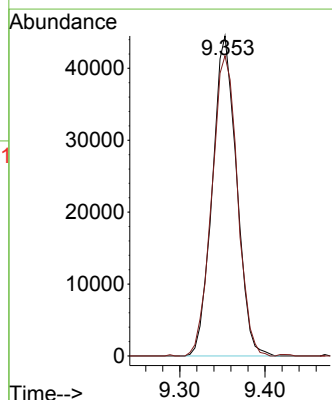
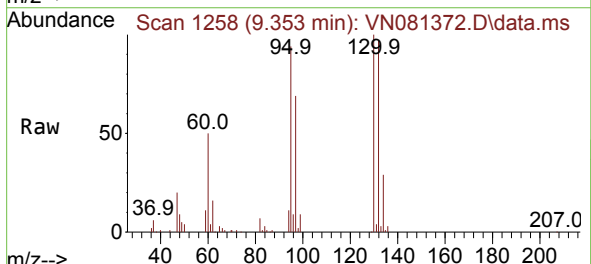
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBS01

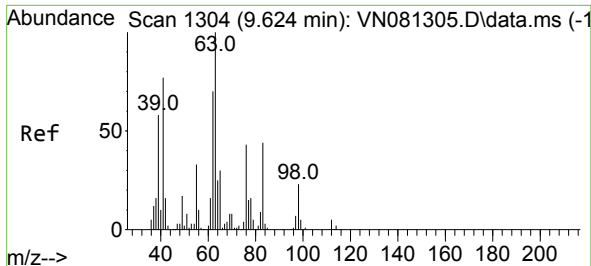
Tgt Ion: 43 Resp: 178527
Ion Ratio Lower Upper
43 100
61 26.8 19.9 29.9
87 13.1 9.0 13.6



#44
Trichloroethene
Concen: 18.461 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081372.D
Acq: 12 Mar 2024 14:47

Tgt Ion: 130 Resp: 87927
Ion Ratio Lower Upper
130 100
95 93.8 0.0 210.4

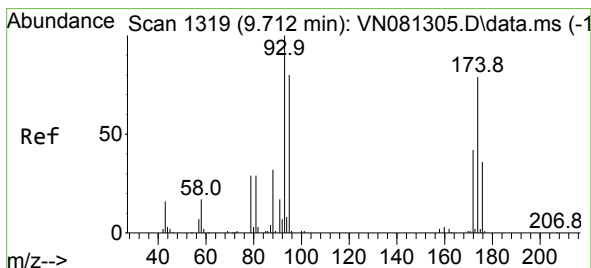
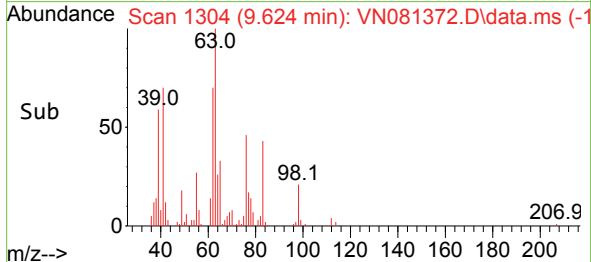
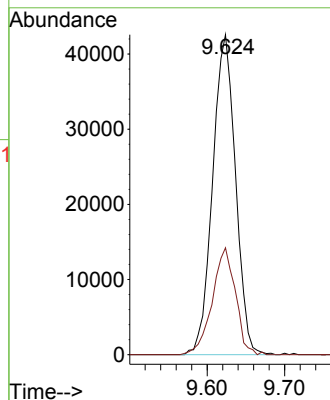
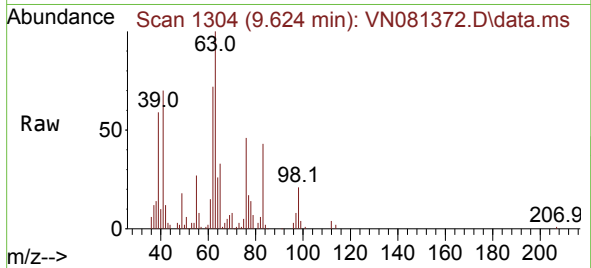




#45
1,2-Dichloropropane
Concen: 18.425 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN081372.D
Acq: 12 Mar 2024 14:47

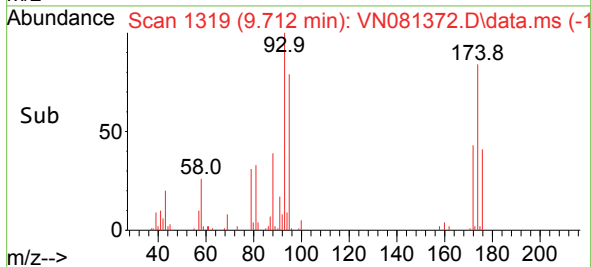
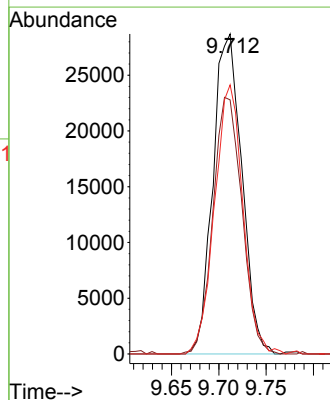
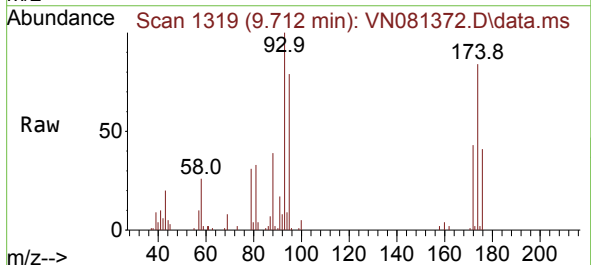
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBS01

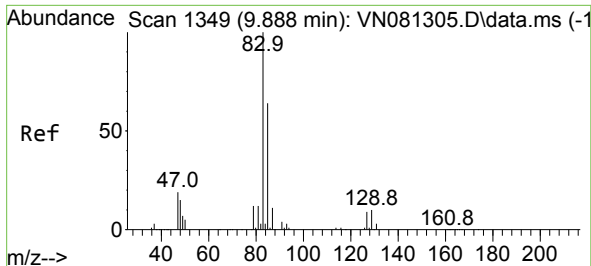
Tgt Ion: 63 Resp: 87408
Ion Ratio Lower Upper
63 100
65 33.4 26.1 39.1



#46
Dibromomethane
Concen: 18.247 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN081372.D
Acq: 12 Mar 2024 14:47

Tgt Ion: 93 Resp: 61014
Ion Ratio Lower Upper
93 100
95 80.2 68.1 102.1
174 82.3 57.2 85.8

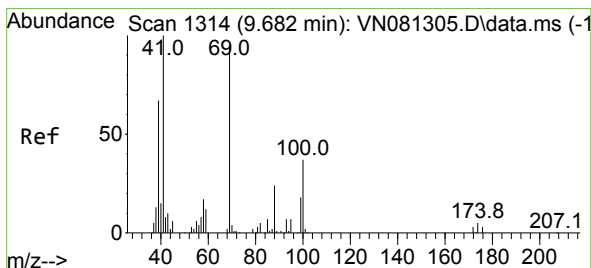
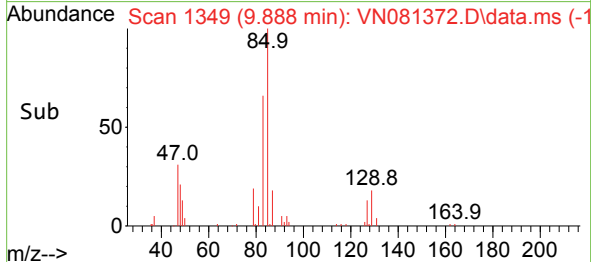
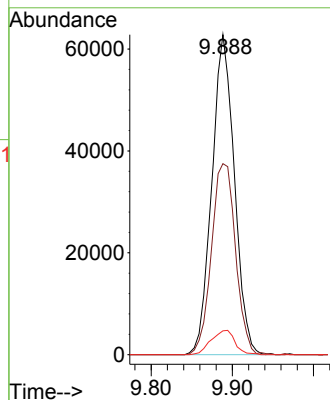
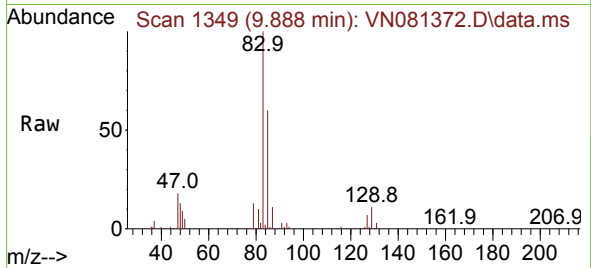




#47
Bromodichloromethane
Concen: 18.640 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081372.D
Acq: 12 Mar 2024 14:47

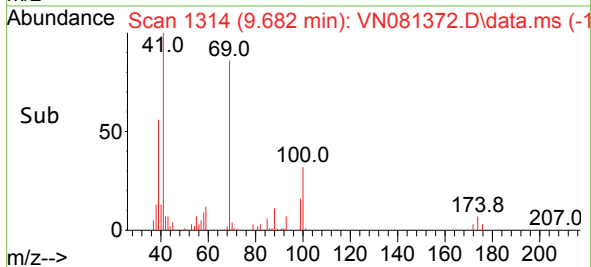
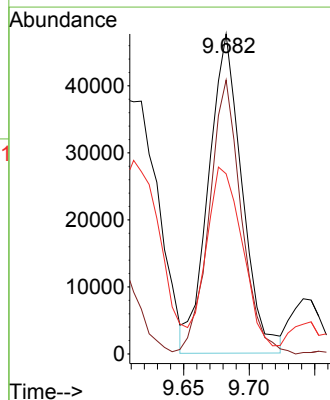
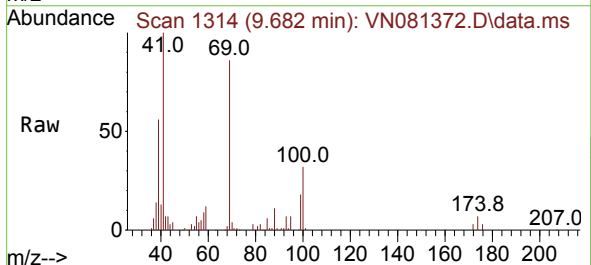
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBS01

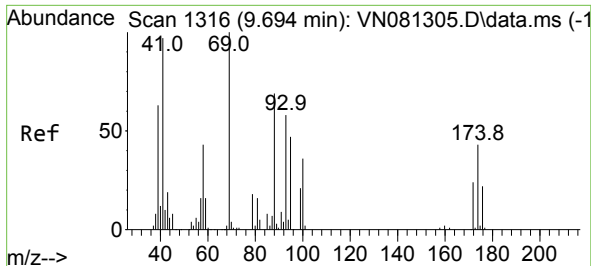
Tgt Ion: 83 Resp: 120997
Ion Ratio Lower Upper
83 100
85 59.7 52.3 78.5
127 7.5 4.6 7.0#



#48
Methyl methacrylate
Concen: 17.713 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081372.D
Acq: 12 Mar 2024 14:47

Tgt Ion: 41 Resp: 84752
Ion Ratio Lower Upper
41 100
69 81.9 62.2 93.2
39 64.0 47.6 71.4





#49

1,4-Dioxane

Concen: 317.854 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081372.D

Acq: 12 Mar 2024 14:47

Instrument :

MSVOA_N

ClientSampleId :

VN0312MBS01

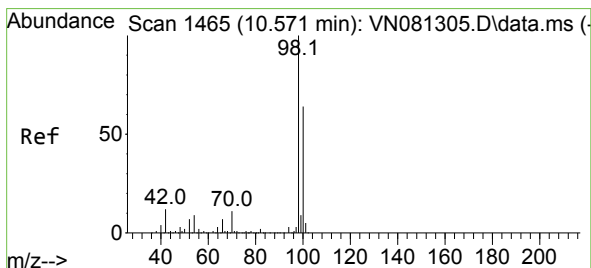
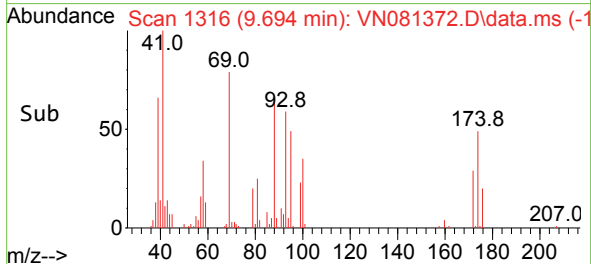
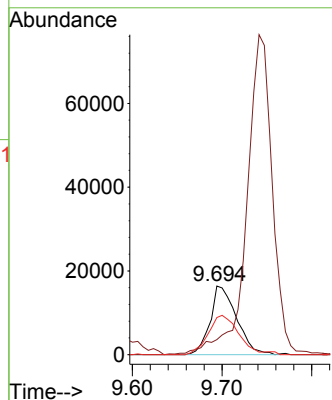
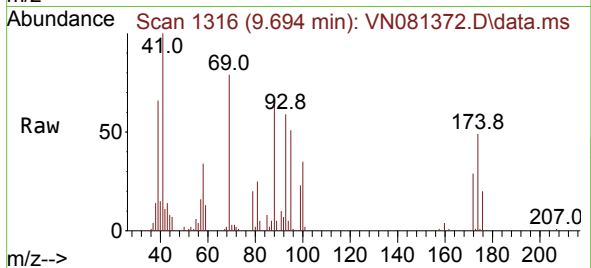
Tgt Ion: 88 Resp: 33521

Ion Ratio Lower Upper

88 100

43 0.0 30.1 45.1#

58 67.1 63.9 95.9



#50

Toluene-d8

Concen: 44.438 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN081372.D

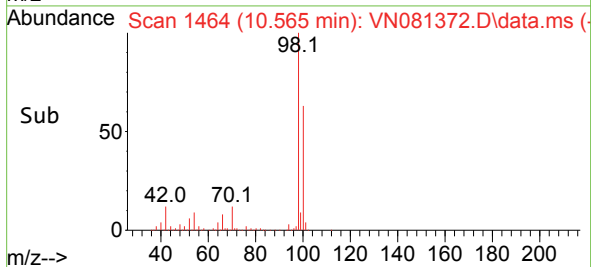
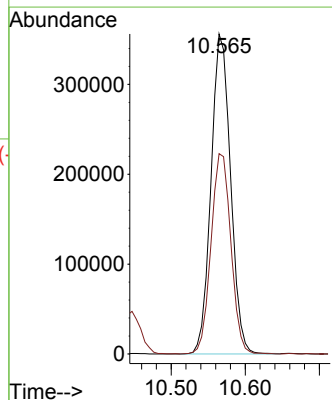
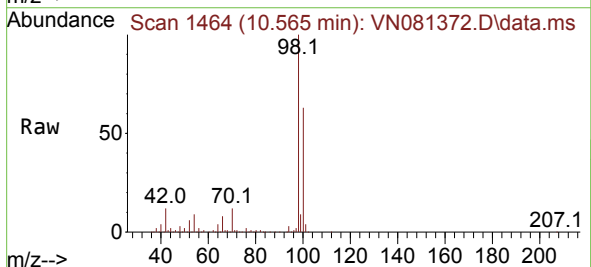
Acq: 12 Mar 2024 14:47

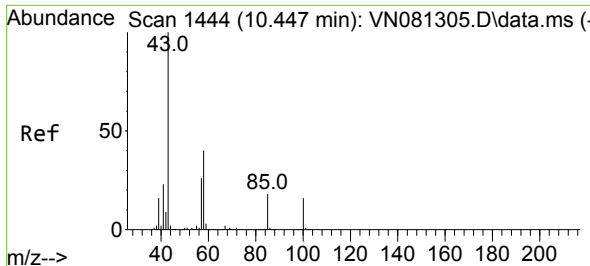
Tgt Ion: 98 Resp: 651436

Ion Ratio Lower Upper

98 100

100 63.8 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 86.835 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. -0.000 min

Lab File: VN081372.D

Acq: 12 Mar 2024 14:47

Instrument :

MSVOA_N

ClientSampleId :

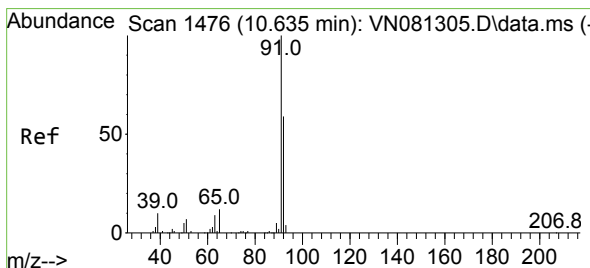
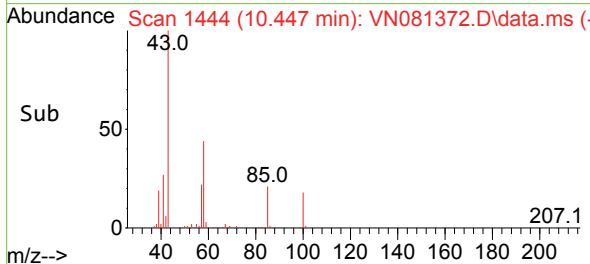
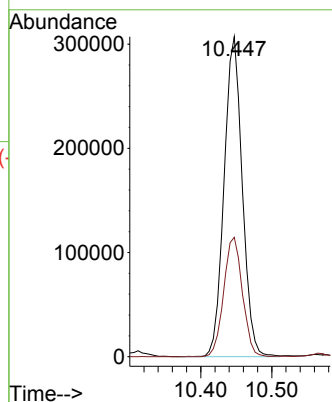
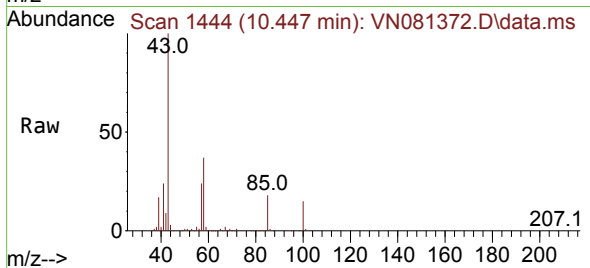
VN0312MBS01

Tgt Ion: 43 Resp: 545784

Ion Ratio Lower Upper

43 100

58 38.3 29.4 44.0



#52

Toluene

Concen: 18.208 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VN081372.D

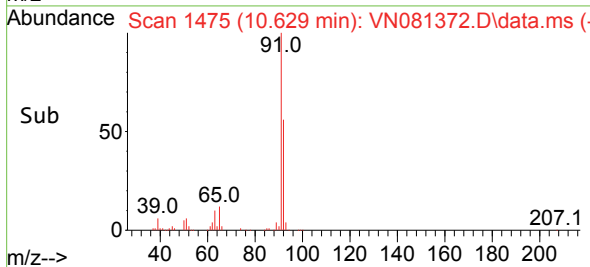
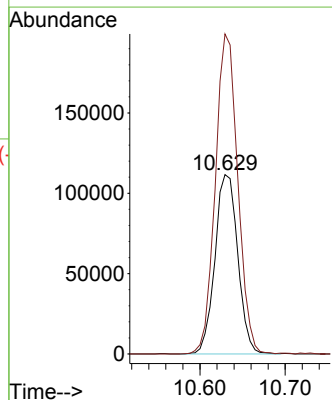
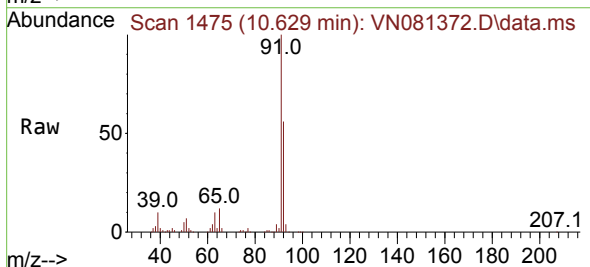
Acq: 12 Mar 2024 14:47

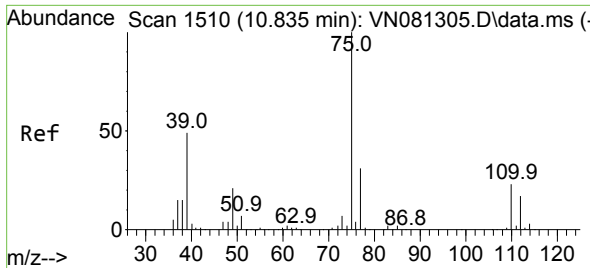
Tgt Ion: 92 Resp: 207708

Ion Ratio Lower Upper

92 100

91 175.7 139.4 209.0

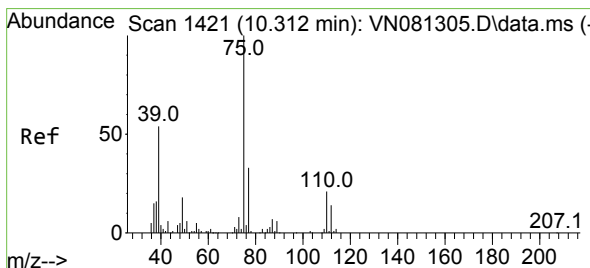
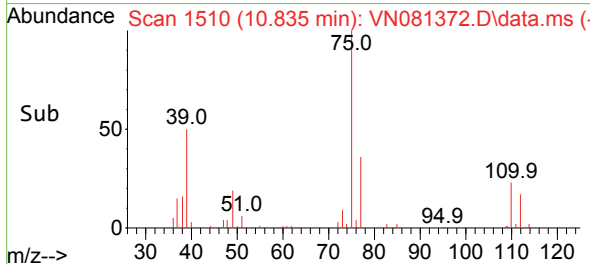
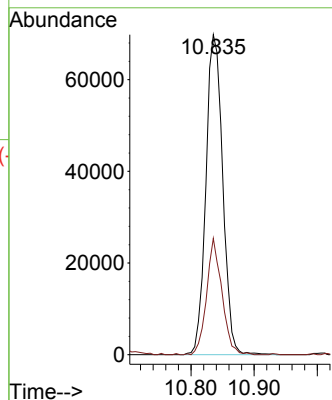
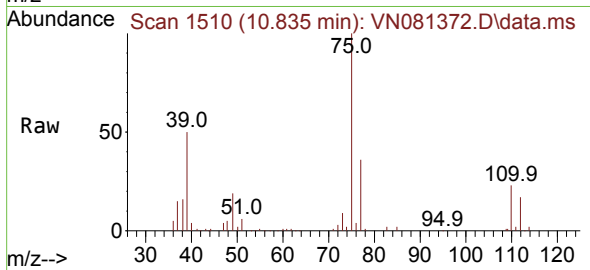




#53
 t-1,3-Dichloropropene
 Concen: 18.361 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN081372.D
 Acq: 12 Mar 2024 14:47

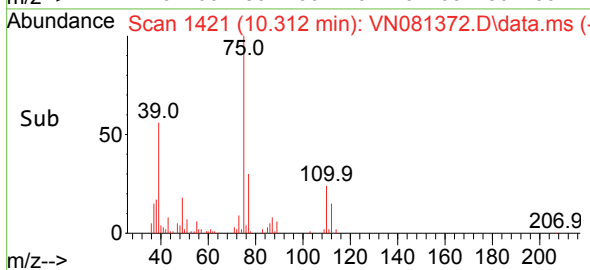
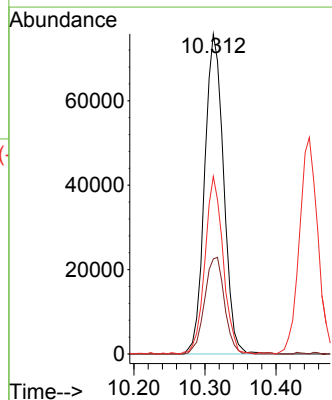
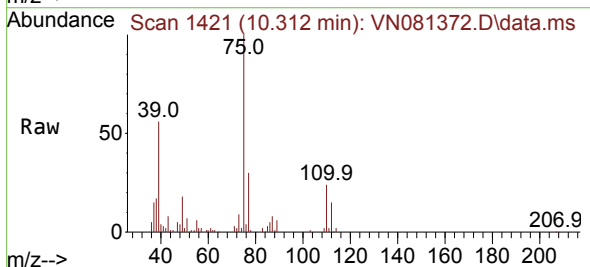
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312MBS01

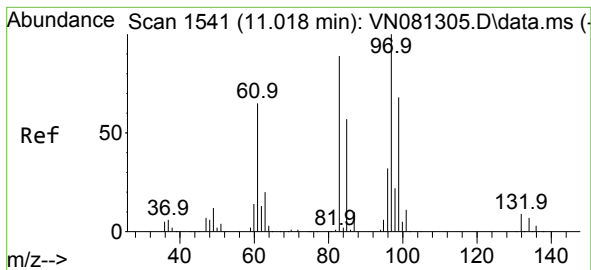
Tgt Ion: 75 Resp: 128957
 Ion Ratio Lower Upper
 75 100
 77 36.3 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 18.576 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN081372.D
 Acq: 12 Mar 2024 14:47

Tgt Ion: 75 Resp: 140840
 Ion Ratio Lower Upper
 75 100
 77 29.7 23.3 34.9
 39 55.5 44.6 66.8





#55

1,1,2-Trichloroethane

Concen: 18.320 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN081372.D

Acq: 12 Mar 2024 14:47

Instrument :

MSVOA_N

ClientSampleId :

VN0312MBS01

Tgt Ion: 97 Resp: 82873

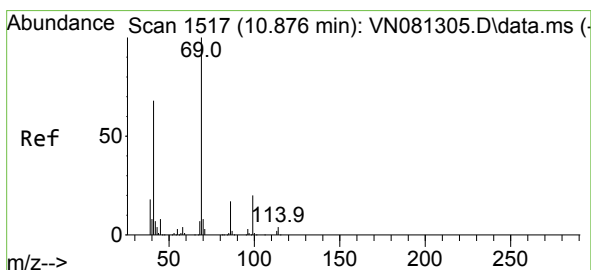
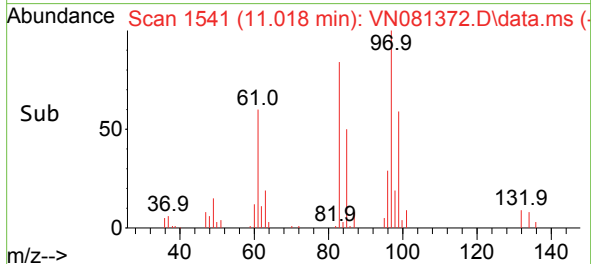
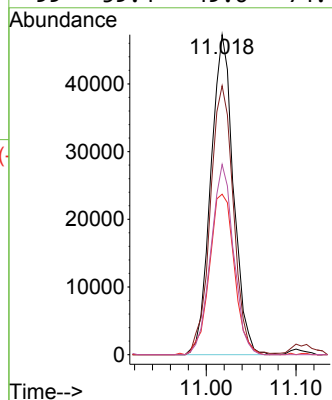
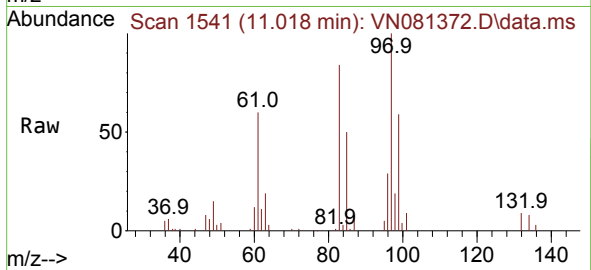
Ion Ratio Lower Upper

97 100

83 84.0 72.9 109.3

85 50.2 50.2 75.2

99 59.4 49.6 74.4



#56

Ethyl methacrylate

Concen: 18.205 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VN081372.D

Acq: 12 Mar 2024 14:47

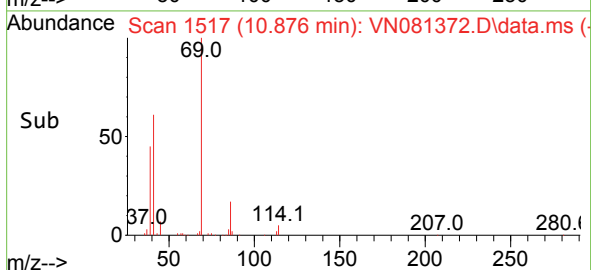
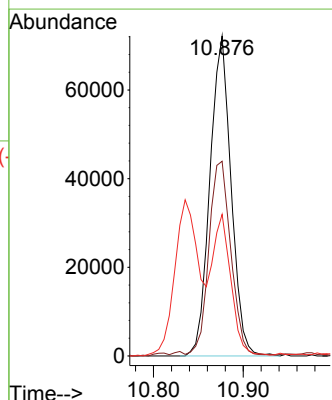
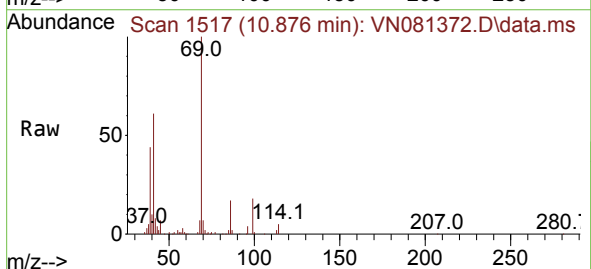
Tgt Ion: 69 Resp: 118254

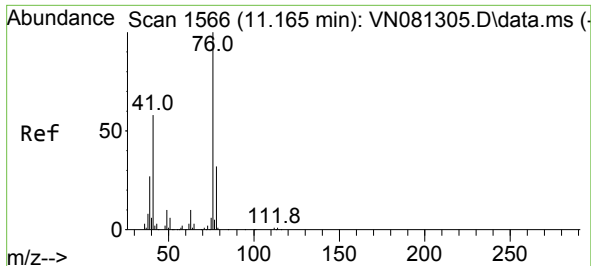
Ion Ratio Lower Upper

69 100

41 63.1 61.0 91.6

39 38.0 31.8 47.6





#57

1,3-Dichloropropane

Concen: 17.922 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN081372.D

Acq: 12 Mar 2024 14:47

Instrument :

MSVOA_N

ClientSampleId :

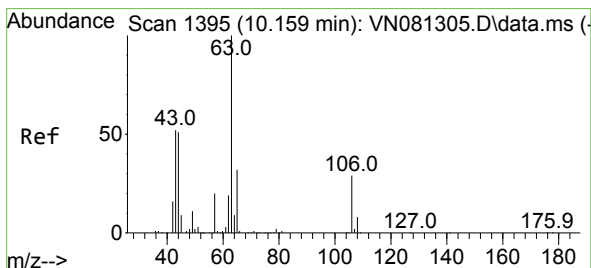
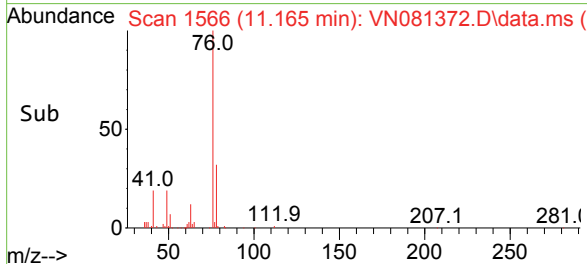
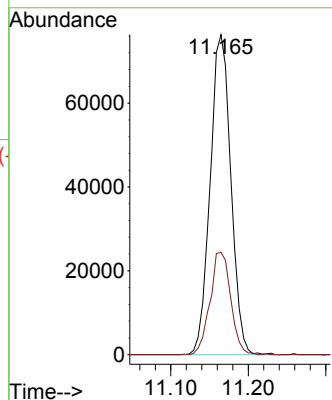
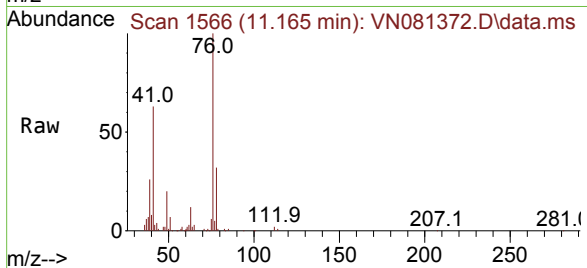
VN0312MBS01

Tgt Ion: 76 Resp: 141496

Ion Ratio Lower Upper

76 100

78 32.0 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 79.371 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN081372.D

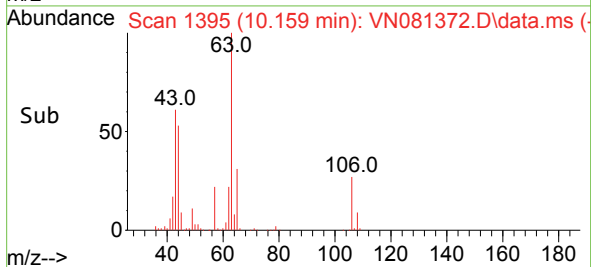
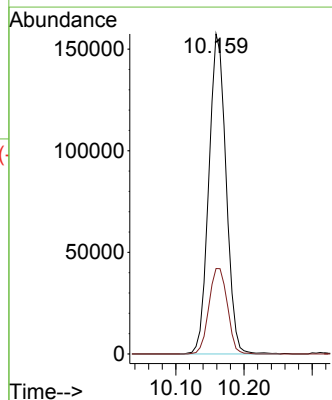
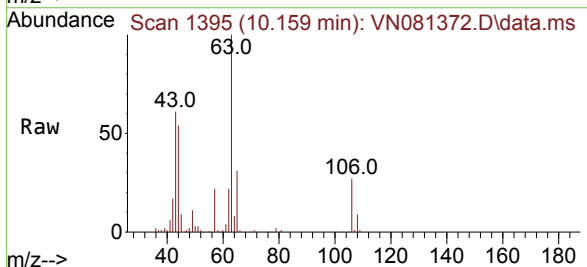
Acq: 12 Mar 2024 14:47

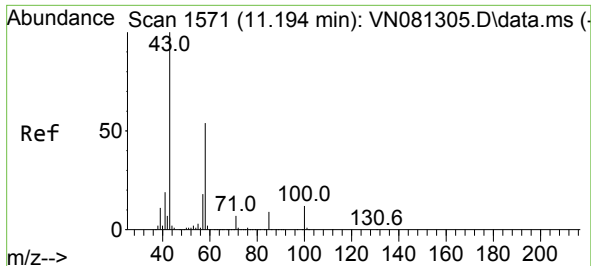
Tgt Ion: 63 Resp: 277333

Ion Ratio Lower Upper

63 100

106 28.4 18.6 28.0#

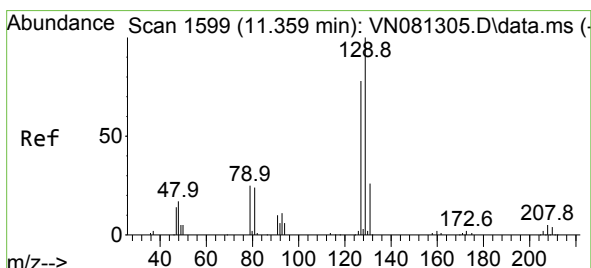
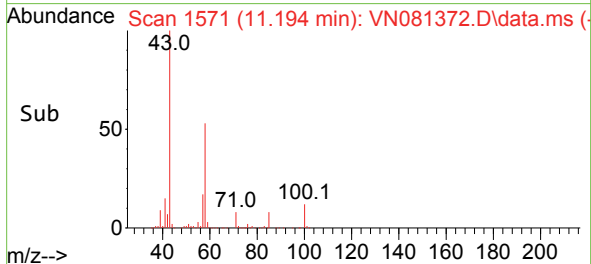
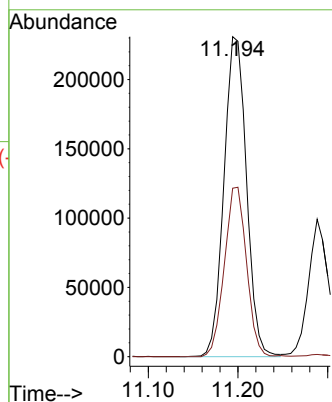
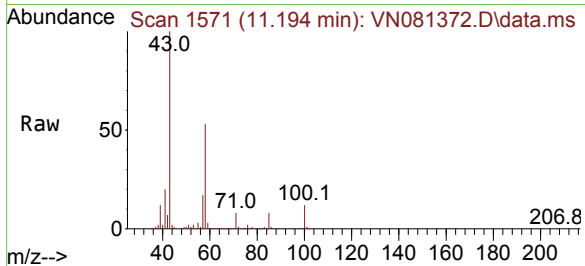




#59
2-Hexanone
Concen: 85.685 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081372.D
Acq: 12 Mar 2024 14:47

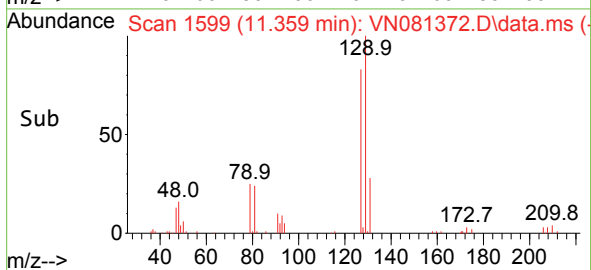
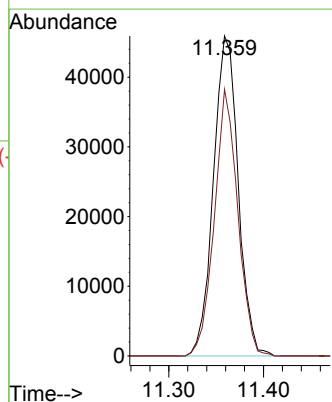
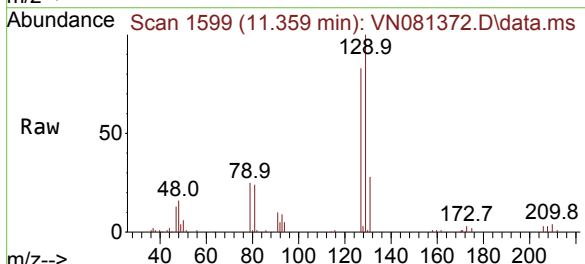
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBS01

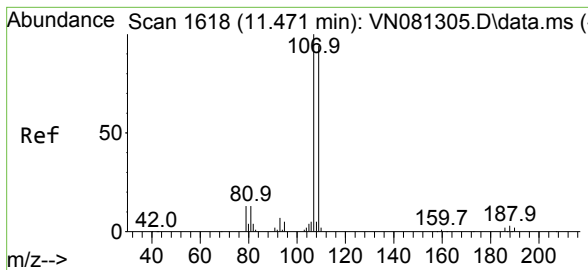
Tgt Ion: 43 Resp: 402617
Ion Ratio Lower Upper
43 100
58 52.3 25.9 77.8



#60
Dibromochloromethane
Concen: 17.935 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081372.D
Acq: 12 Mar 2024 14:47

Tgt Ion: 129 Resp: 83556
Ion Ratio Lower Upper
129 100
127 78.7 39.4 118.2

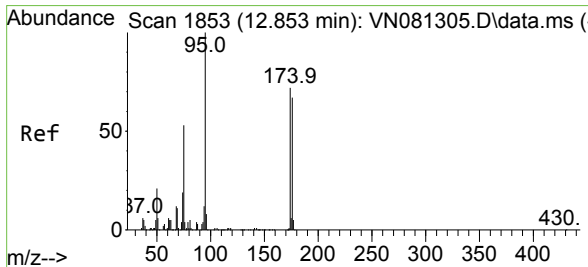
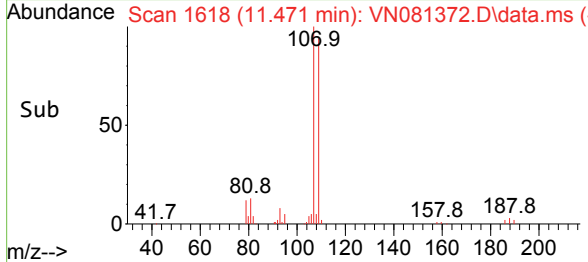
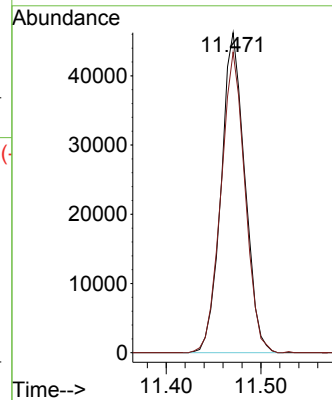
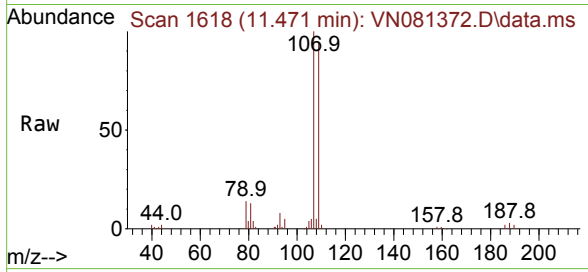




#61
1,2-Dibromoethane
Concen: 17.103 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081372.D
Acq: 12 Mar 2024 14:47

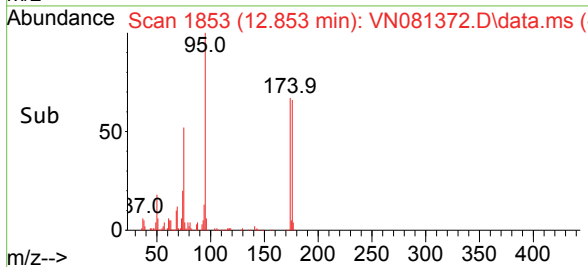
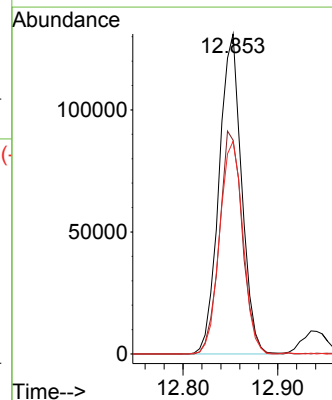
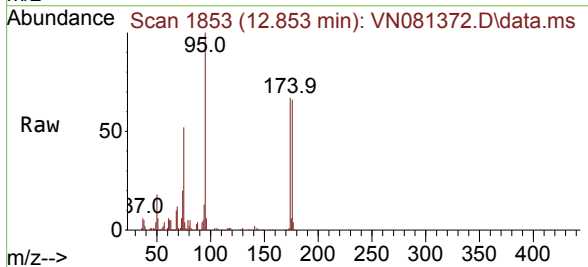
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBS01

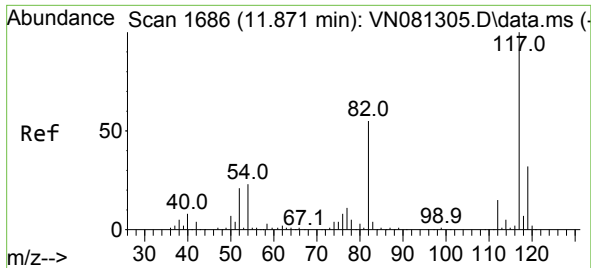
Tgt Ion:107 Resp: 80277
Ion Ratio Lower Upper
107 100
109 95.5 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 41.937 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081372.D
Acq: 12 Mar 2024 14:47

Tgt Ion: 95 Resp: 217287
Ion Ratio Lower Upper
95 100
174 70.5 0.0 120.4
176 68.6 0.0 121.0

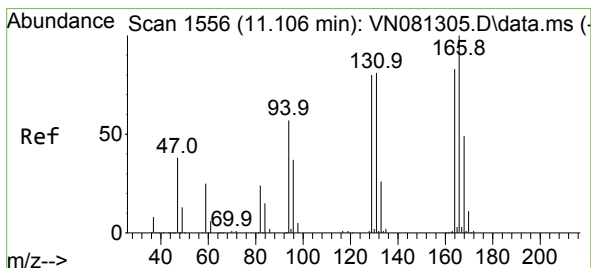
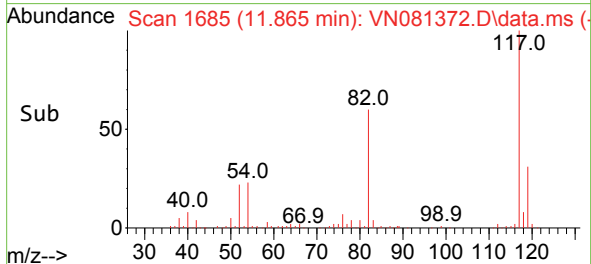
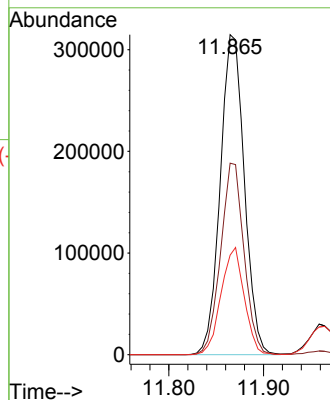
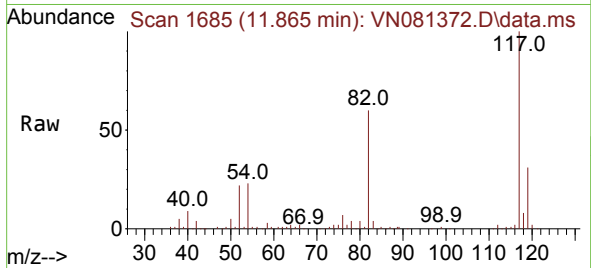




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN081372.D
Acq: 12 Mar 2024 14:47

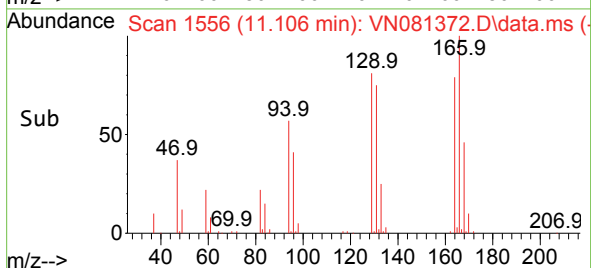
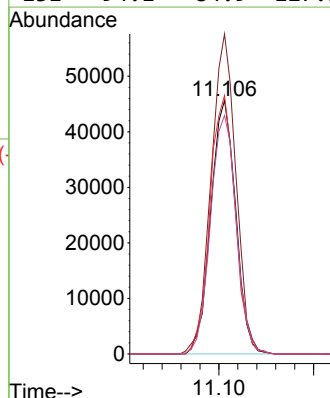
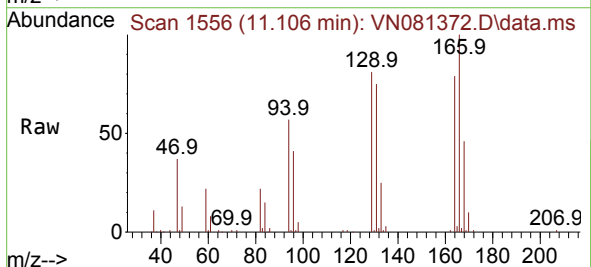
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBS01

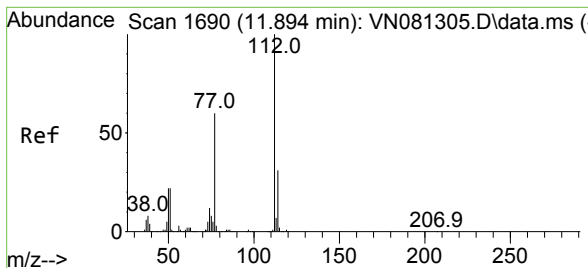
Tgt Ion:117 Resp: 557145
Ion Ratio Lower Upper
117 100
82 59.9 52.7 79.1
119 31.1 25.3 37.9



#64
Tetrachloroethene
Concen: 19.127 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081372.D
Acq: 12 Mar 2024 14:47

Tgt Ion:164 Resp: 83442
Ion Ratio Lower Upper
164 100
166 126.2 105.8 158.6
129 101.9 89.6 134.4
131 94.1 84.9 127.3

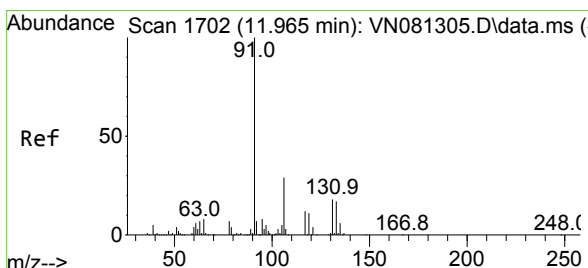
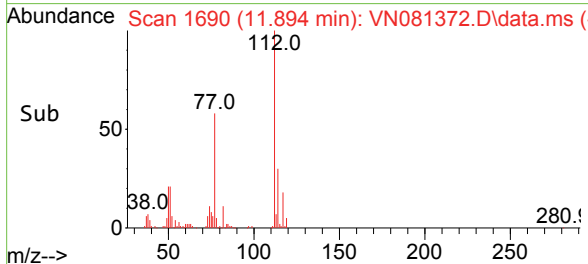
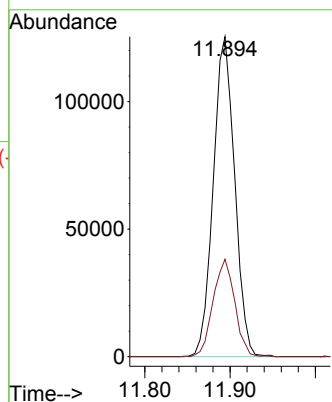
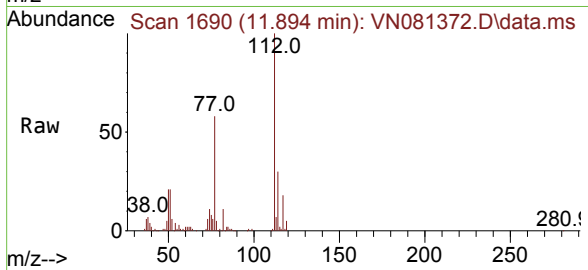




#65
Chlorobenzene
Concen: 18.623 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081372.D
Acq: 12 Mar 2024 14:47

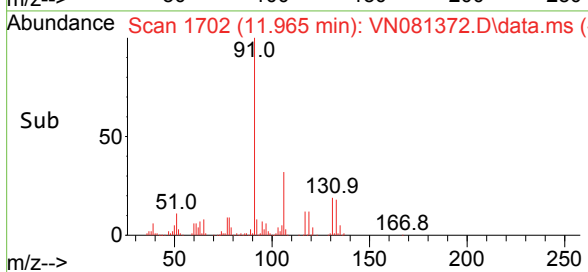
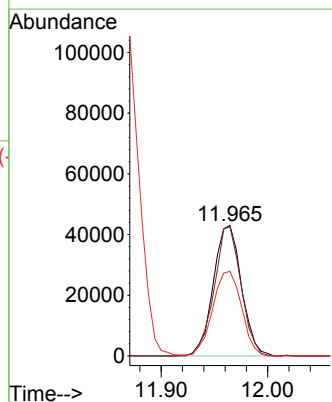
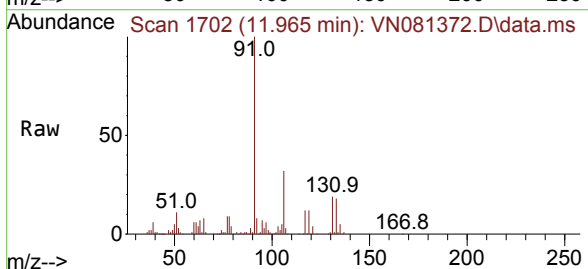
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBS01

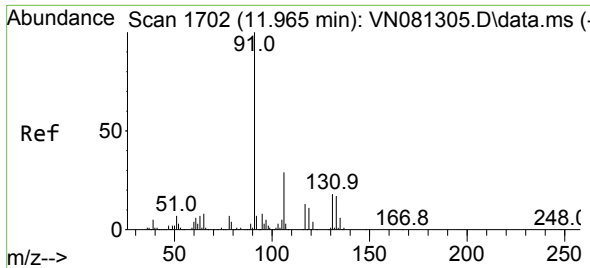
Tgt Ion:112 Resp: 218646
Ion Ratio Lower Upper
112 100
114 30.5 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 18.324 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081372.D
Acq: 12 Mar 2024 14:47

Tgt Ion:131 Resp: 78721
Ion Ratio Lower Upper
131 100
133 94.7 46.8 140.3
119 66.6 34.6 103.9

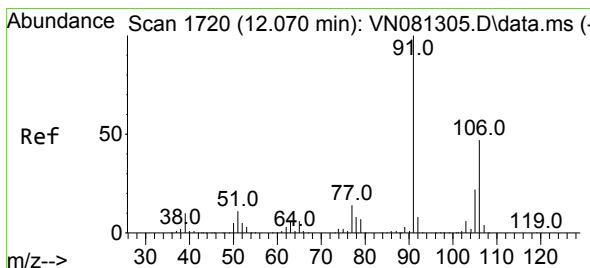
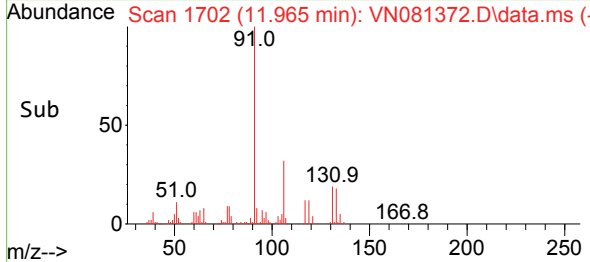
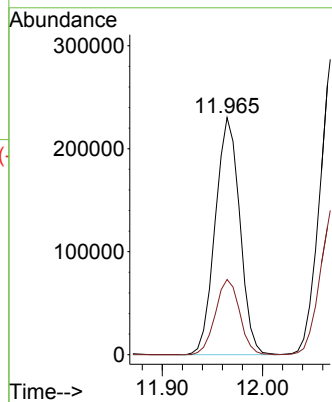
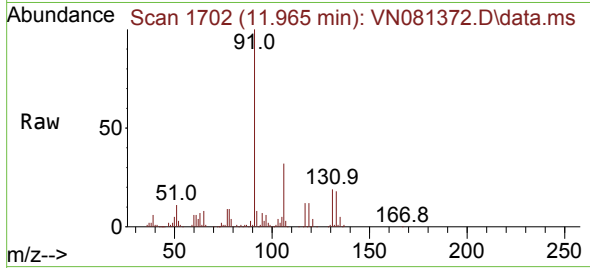




#67
Ethyl Benzene
Concen: 18.508 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081372.D
Acq: 12 Mar 2024 14:47

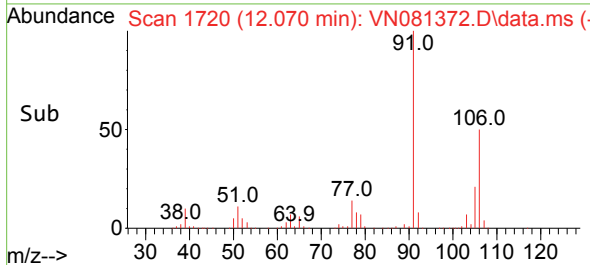
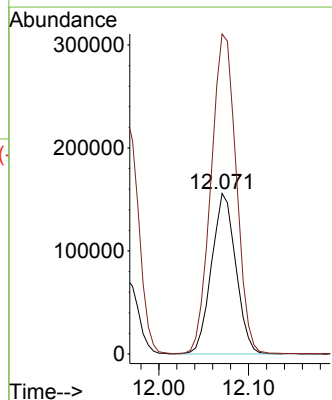
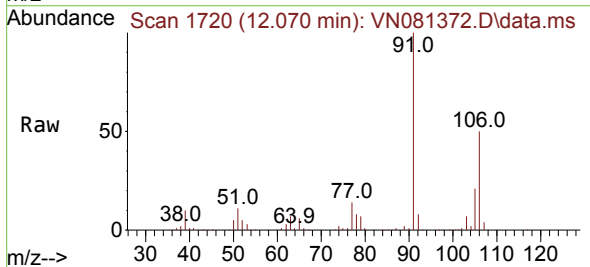
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBS01

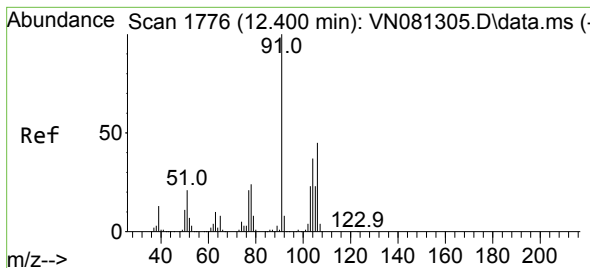
Tgt Ion: 91 Resp: 391409
Ion Ratio Lower Upper
91 100
106 31.7 23.8 35.6



#68
m/p-Xylenes
Concen: 36.830 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081372.D
Acq: 12 Mar 2024 14:47

Tgt Ion: 106 Resp: 293136
Ion Ratio Lower Upper
106 100
91 206.9 169.0 253.6





#69

o-Xylene

Concen: 18.194 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN081372.D

Acq: 12 Mar 2024 14:47

Instrument :

MSVOA_N

ClientSampleId :

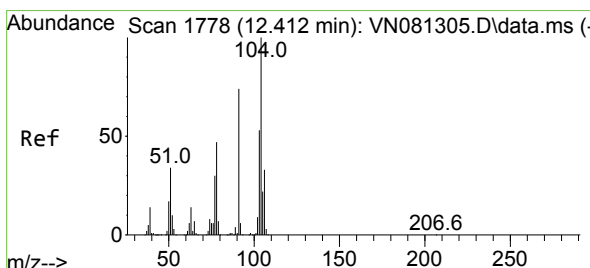
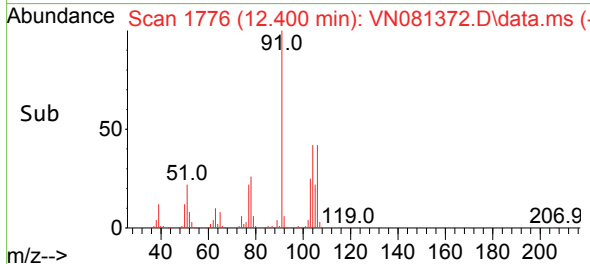
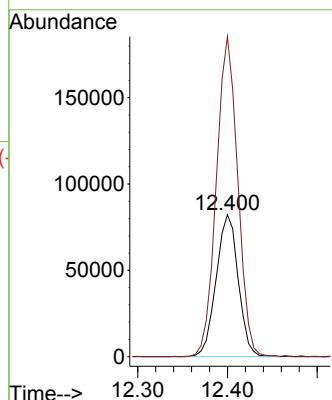
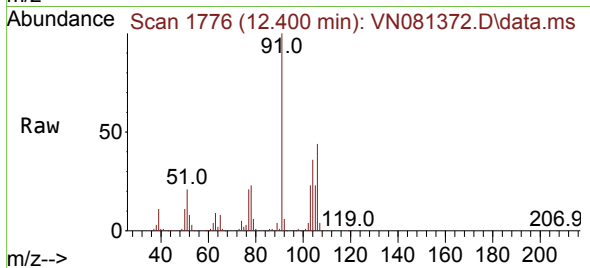
VN0312MBS01

Tgt Ion:106 Resp: 140343

Ion Ratio Lower Upper

106 100

91 219.2 112.1 336.3



#70

Styrene

Concen: 18.893 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN081372.D

Acq: 12 Mar 2024 14:47

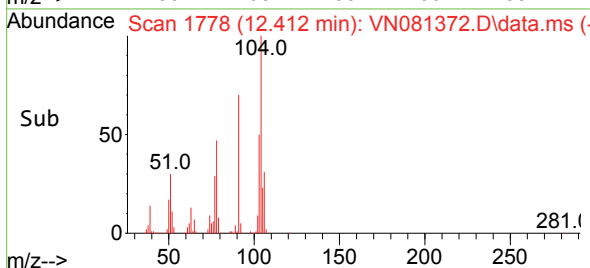
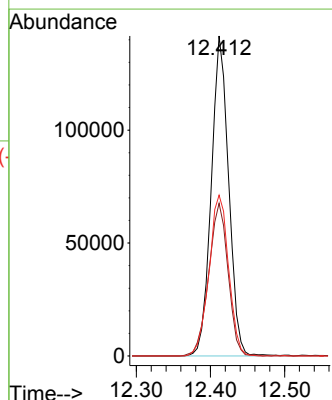
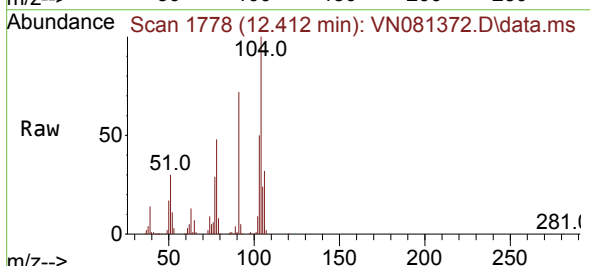
Tgt Ion:104 Resp: 230942

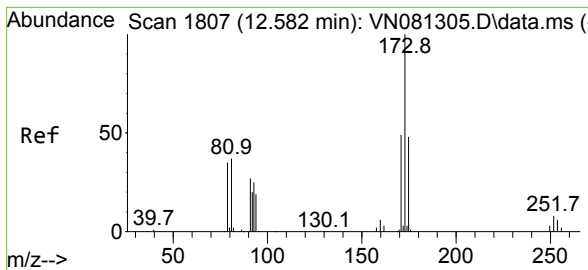
Ion Ratio Lower Upper

104 100

78 53.0 43.8 65.8

103 56.5 44.2 66.2





#71

Bromoform

Concen: 17.555 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VN081372.D

Acq: 12 Mar 2024 14:47

Instrument :

MSVOA_N

ClientSampleId :

VN0312MBS01

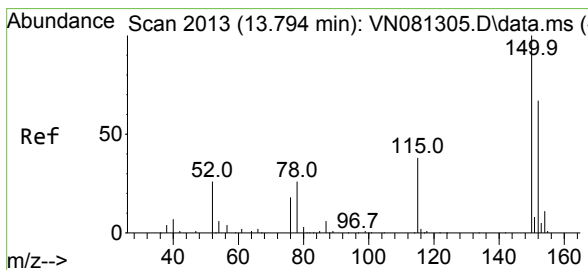
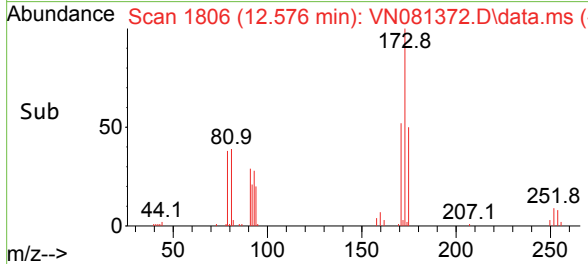
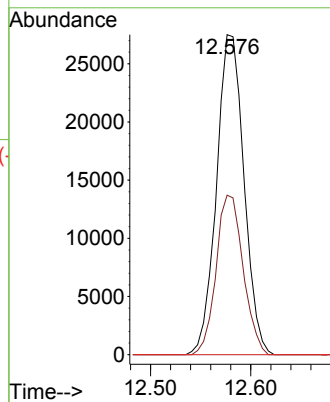
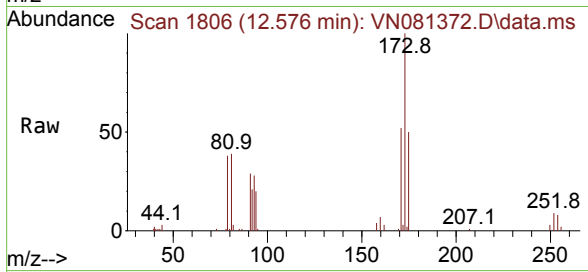
Tgt Ion:173 Resp: 52360

Ion Ratio Lower Upper

173 100

175 49.0 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: VN081372.D

Acq: 12 Mar 2024 14:47

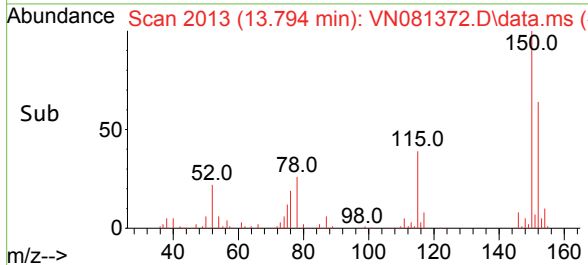
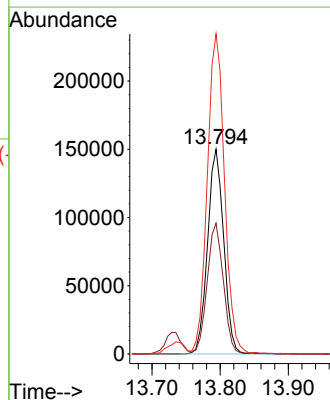
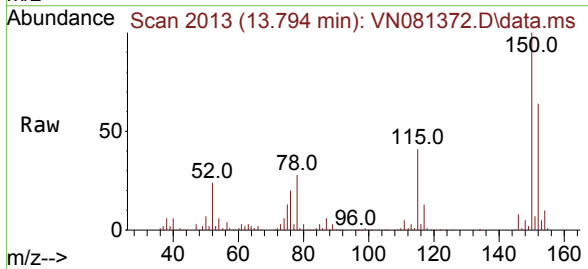
Tgt Ion:152 Resp: 247366

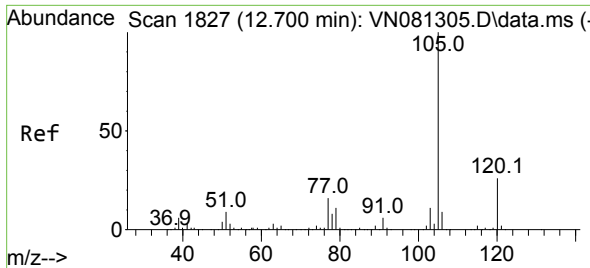
Ion Ratio Lower Upper

152 100

115 63.2 32.3 96.8

150 167.0 0.0 339.8

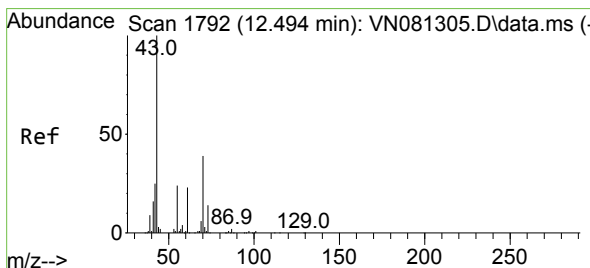
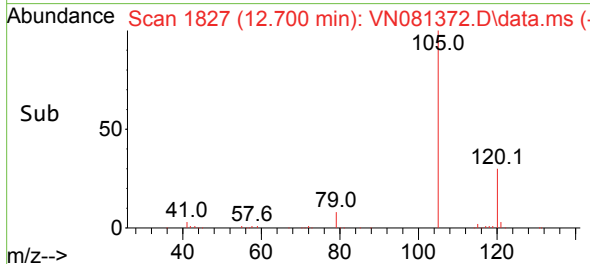
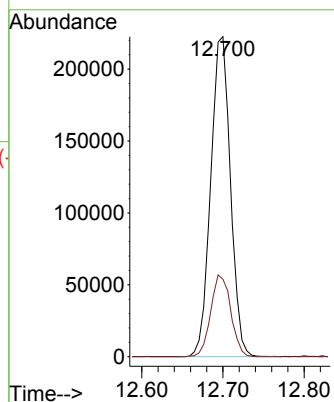
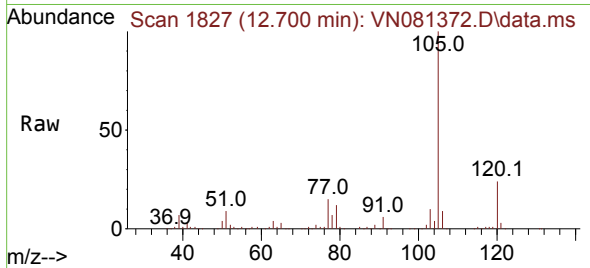




#73
Isopropylbenzene
Concen: 18.763 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN081372.D
Acq: 12 Mar 2024 14:47

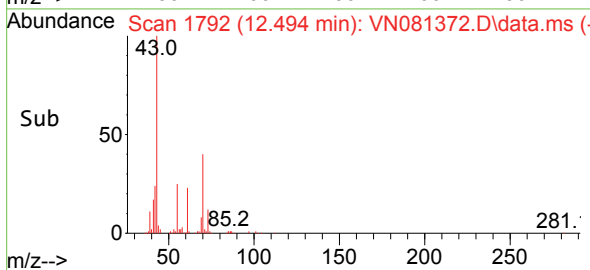
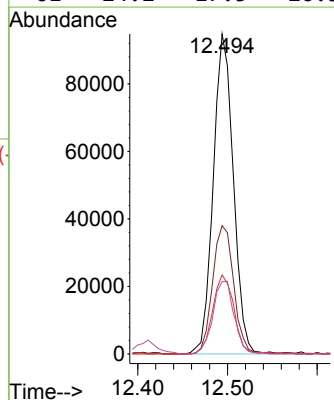
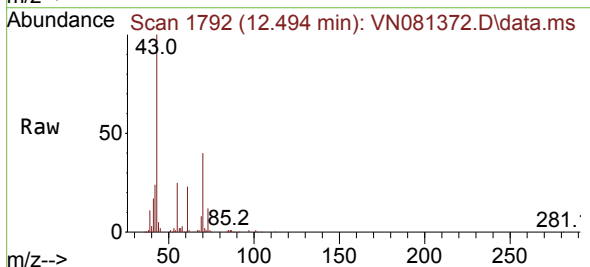
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBS01

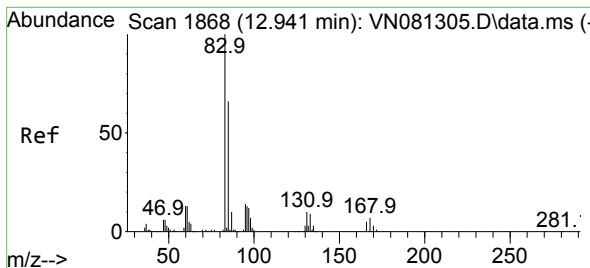
Tgt Ion:105 Resp: 374792
Ion Ratio Lower Upper
105 100
120 26.0 12.6 37.6



#74
N-ethyl acetate
Concen: 17.590 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081372.D
Acq: 12 Mar 2024 14:47

Tgt Ion: 43 Resp: 147422
Ion Ratio Lower Upper
43 100
70 42.2 30.1 45.1
55 25.8 17.0 25.4#
61 24.2 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 16.605 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN081372.D

Acq: 12 Mar 2024 14:47

Instrument :

MSVOA_N

ClientSampleId :

VN0312MBS01

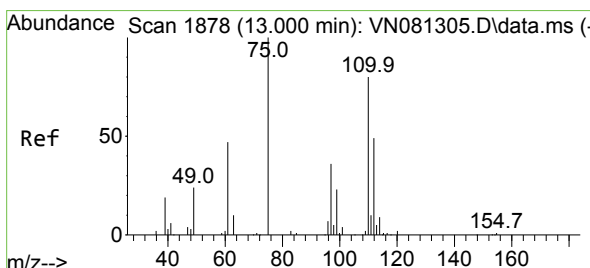
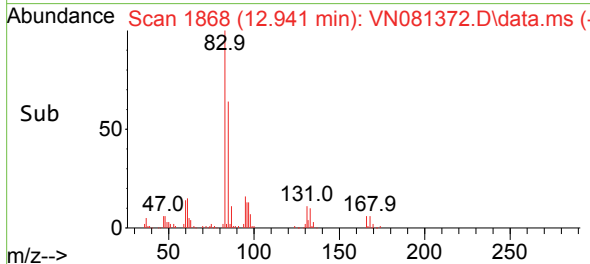
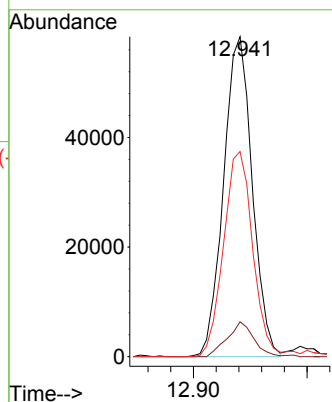
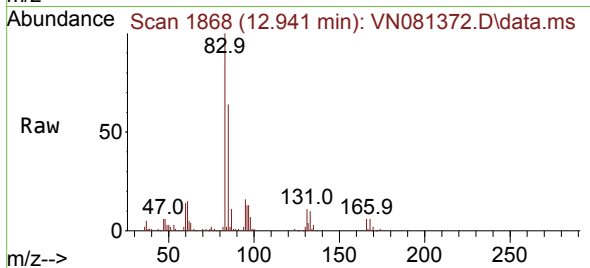
Tgt Ion: 83 Resp: 102358

Ion Ratio Lower Upper

83 100

131 10.2 4.1 12.3

85 65.7 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 24.570 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.006 min

Lab File: VN081372.D

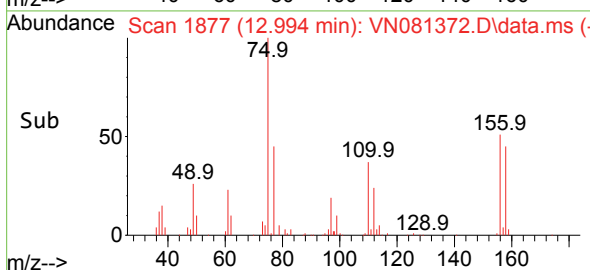
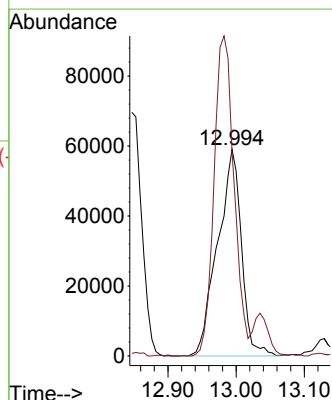
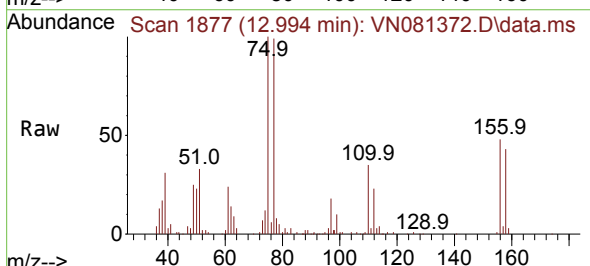
Acq: 12 Mar 2024 14:47

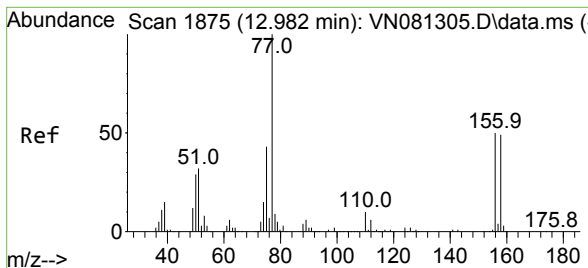
Tgt Ion: 75 Resp: 143558

Ion Ratio Lower Upper

75 100

77 130.0 91.0 272.8





#77

Bromobenzene

Concen: 17.274 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN081372.D

Acq: 12 Mar 2024 14:47

Instrument :

MSVOA_N

ClientSampleId :

VN0312MBS01

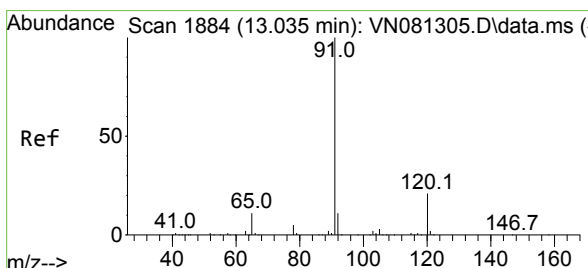
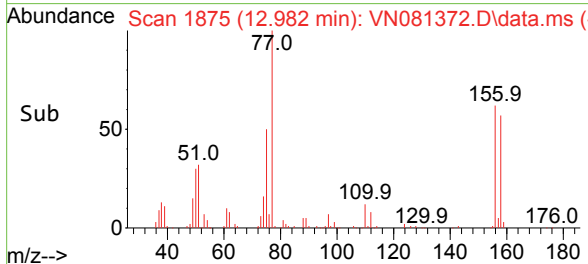
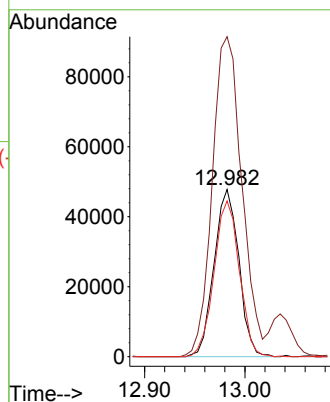
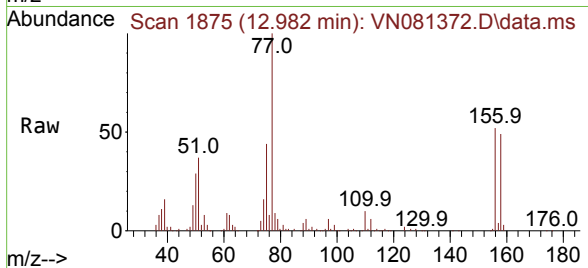
Tgt Ion:156 Resp: 81807

Ion Ratio Lower Upper

156 100

77 228.1 138.1 414.3

158 95.3 46.5 139.5



#78

n-propylbenzene

Concen: 19.154 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN081372.D

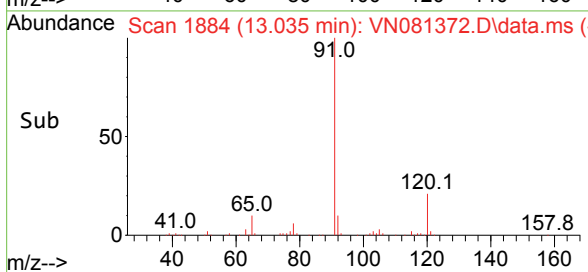
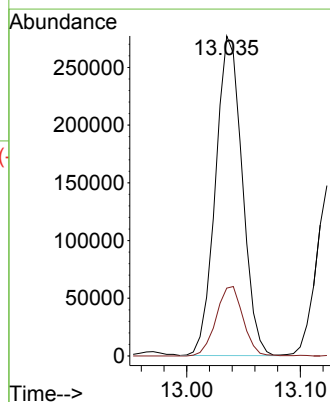
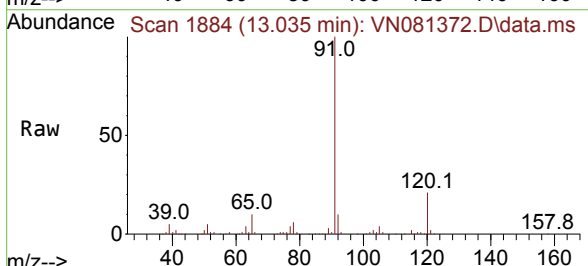
Acq: 12 Mar 2024 14:47

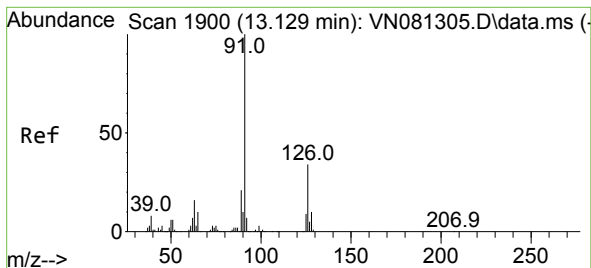
Tgt Ion: 91 Resp: 452527

Ion Ratio Lower Upper

91 100

120 21.9 10.3 30.9





#79

2-Chlorotoluene

Concen: 18.195 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. -0.006 min

Lab File: VN081372.D

Acq: 12 Mar 2024 14:47

Instrument :

MSVOA_N

ClientSampleId :

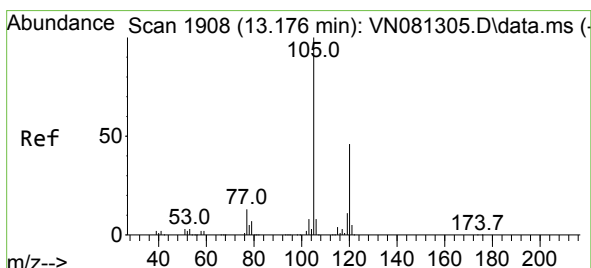
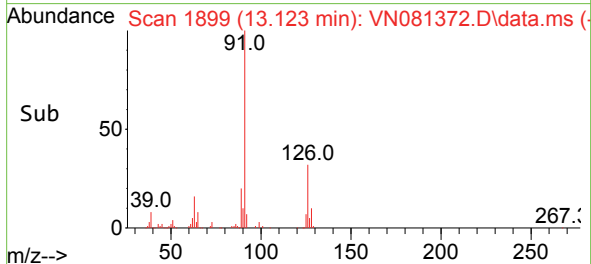
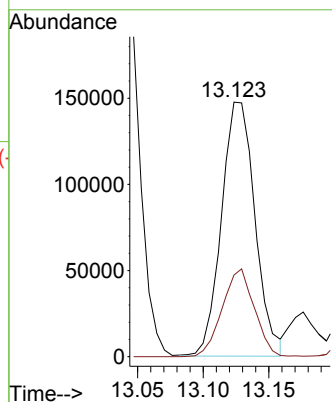
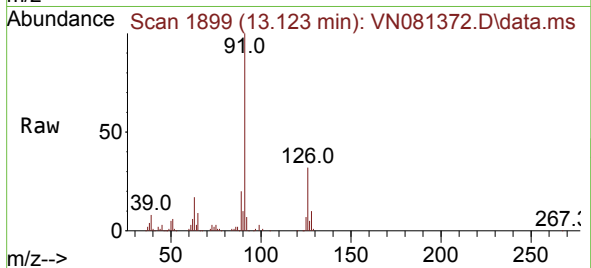
VN0312MBS01

Tgt Ion: 91 Resp: 262764

Ion Ratio Lower Upper

91 100

126 33.1 14.8 44.4



#80

1,3,5-Trimethylbenzene

Concen: 19.071 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN081372.D

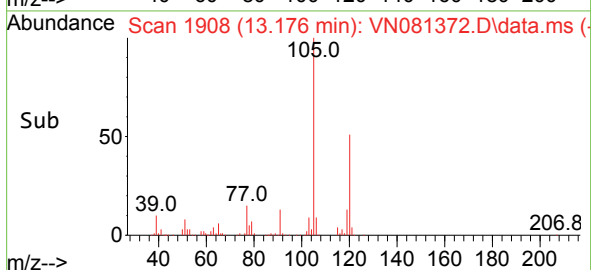
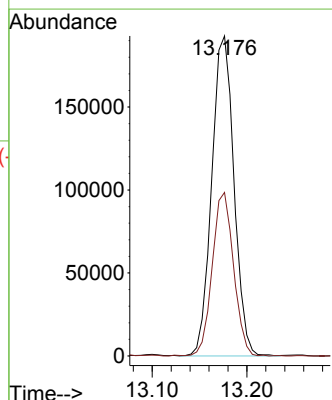
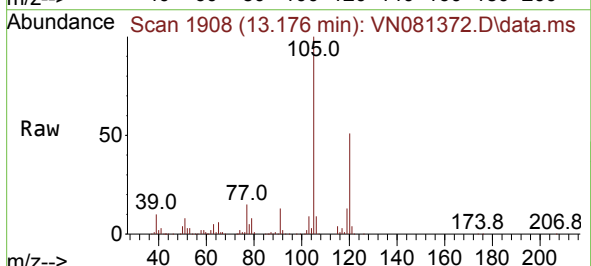
Acq: 12 Mar 2024 14:47

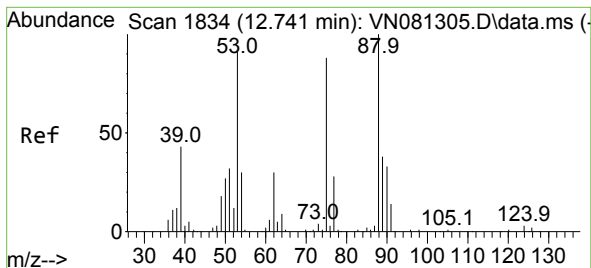
Tgt Ion: 105 Resp: 314896

Ion Ratio Lower Upper

105 100

120 49.0 23.0 69.0

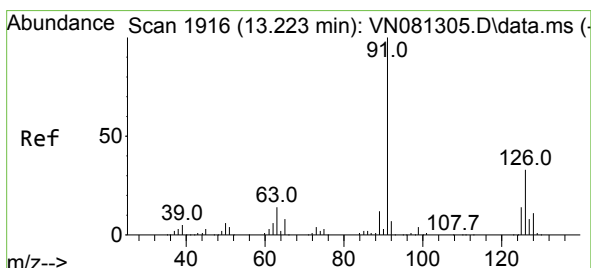
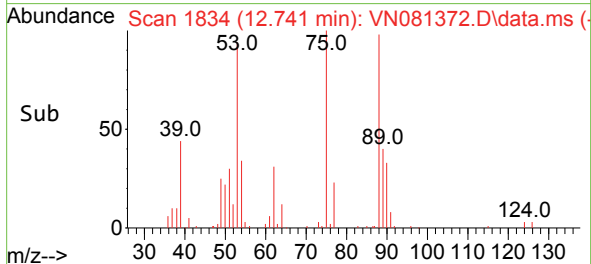
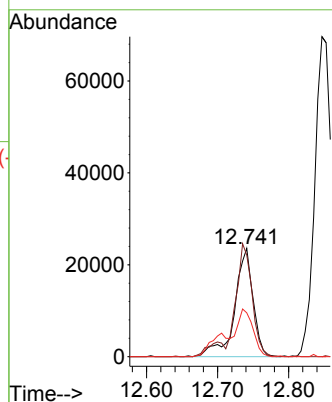
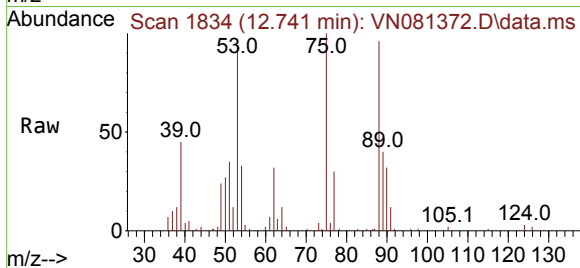




#81
trans-1,4-Dichloro-2-butene
Concen: 20.366 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN081372.D
Acq: 12 Mar 2024 14:47

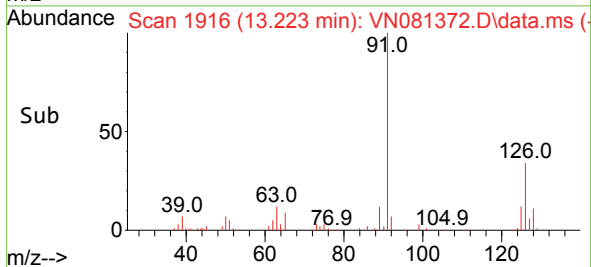
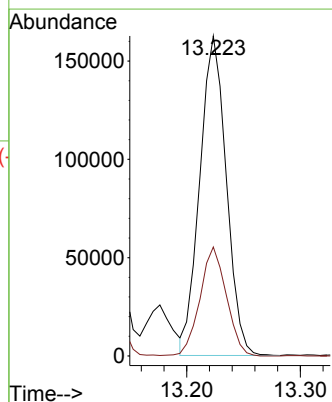
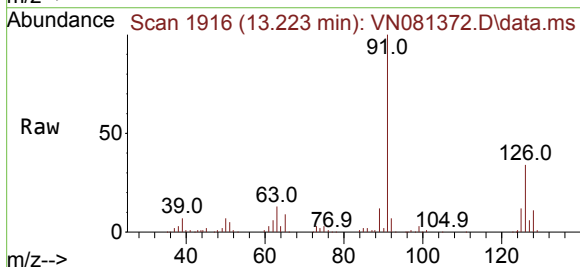
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBS01

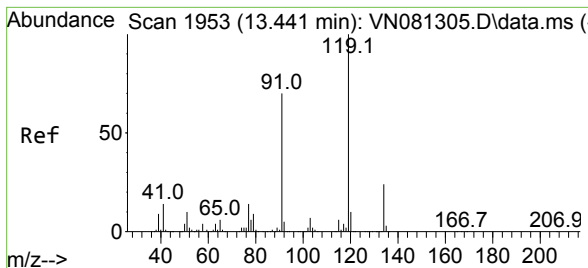
Tgt Ion: 75 Resp: 42638
Ion Ratio Lower Upper
75 100
53 88.7 71.4 107.2
89 38.5 33.4 50.0



#82
4-Chlorotoluene
Concen: 18.471 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081372.D
Acq: 12 Mar 2024 14:47

Tgt Ion: 91 Resp: 263469
Ion Ratio Lower Upper
91 100
126 34.1 15.3 45.9

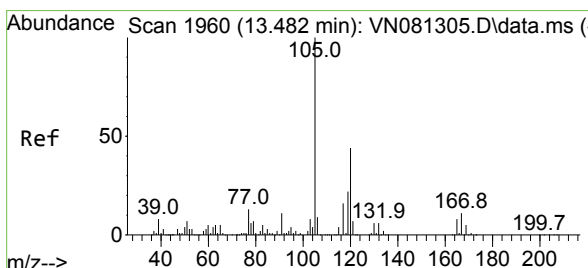
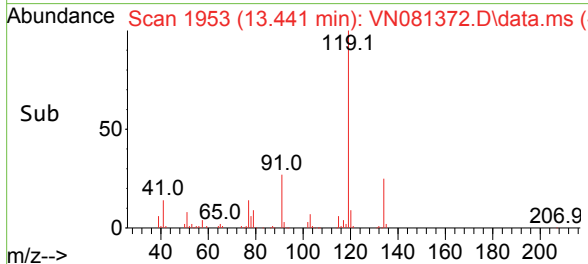
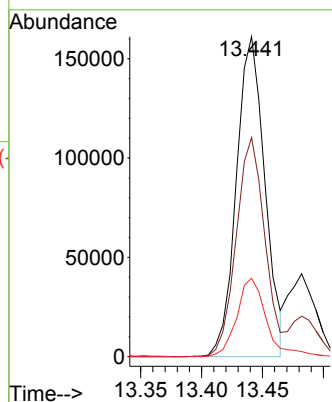
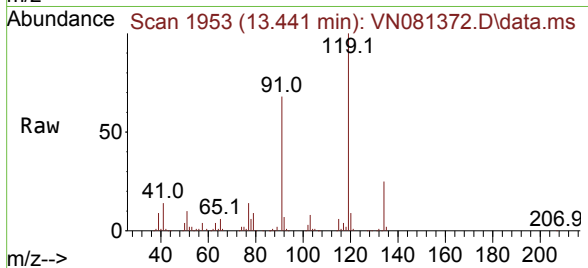




#83
 tert-Butylbenzene
 Concen: 18.519 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN081372.D
 Acq: 12 Mar 2024 14:47

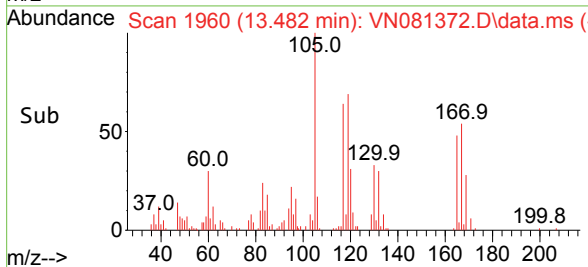
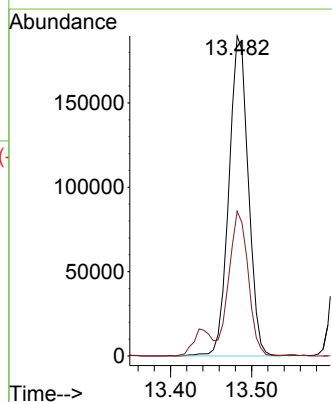
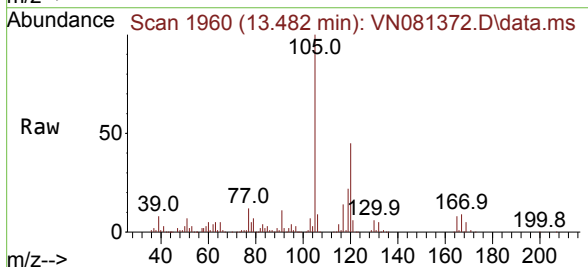
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312MBS01

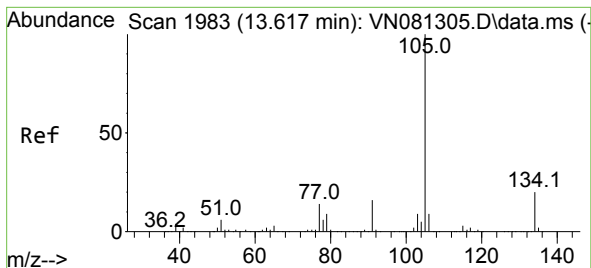
Tgt Ion:119 Resp: 262152
 Ion Ratio Lower Upper
 119 100
 91 70.1 36.8 110.4
 134 25.5 12.4 37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 18.762 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN081372.D
 Acq: 12 Mar 2024 14:47

Tgt Ion:105 Resp: 313869
 Ion Ratio Lower Upper
 105 100
 120 45.3 20.9 62.7





#85

sec-Butylbenzene

Concen: 18.768 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN081372.D

Acq: 12 Mar 2024 14:47

Instrument :

MSVOA_N

ClientSampleId :

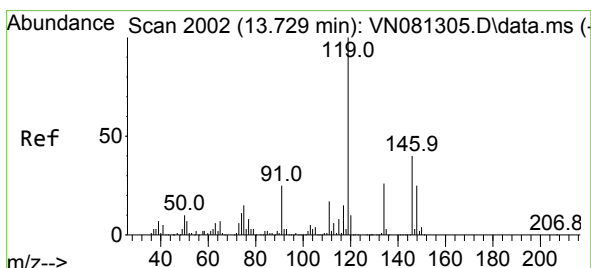
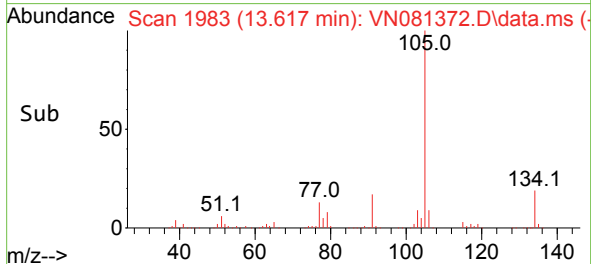
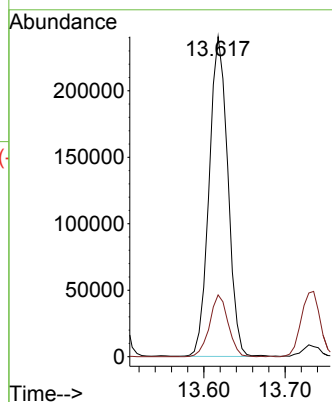
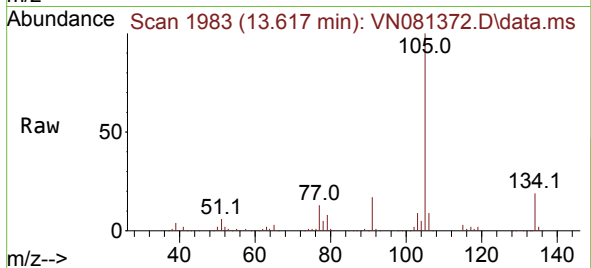
VN0312MBS01

Tgt Ion:105 Resp: 384343

Ion Ratio Lower Upper

105 100

134 19.2 8.6 25.8



#86

p-Isopropyltoluene

Concen: 19.348 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN081372.D

Acq: 12 Mar 2024 14:47

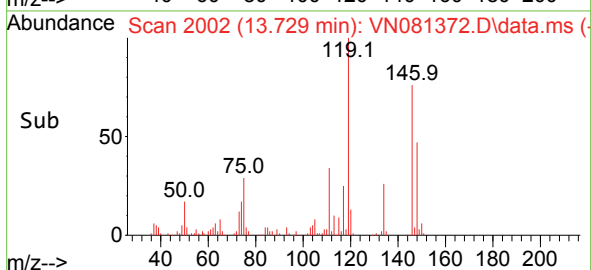
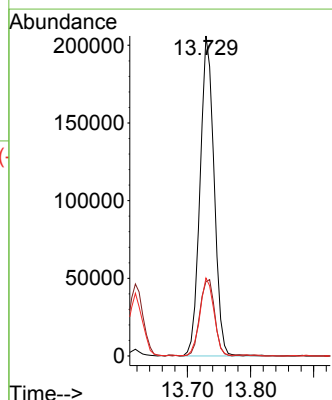
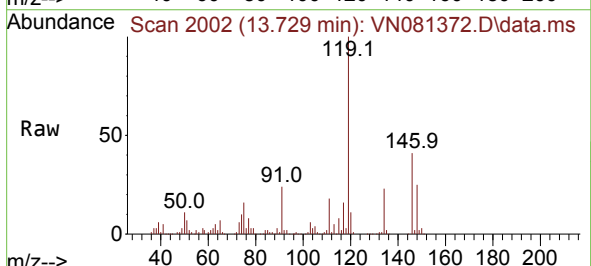
Tgt Ion:119 Resp: 317764

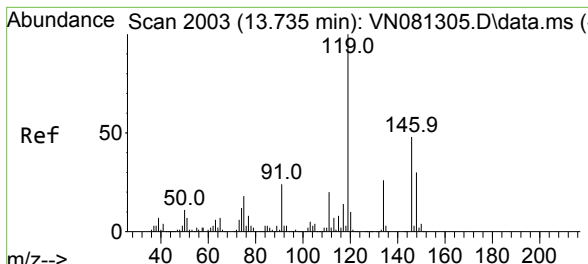
Ion Ratio Lower Upper

119 100

134 25.1 12.4 37.2

91 24.2 13.5 40.4



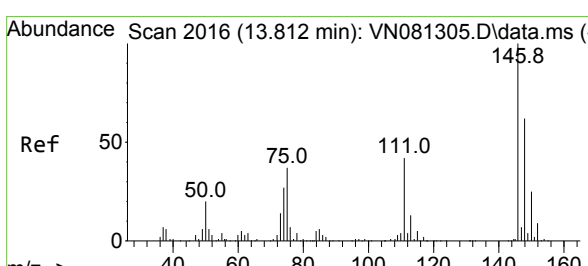
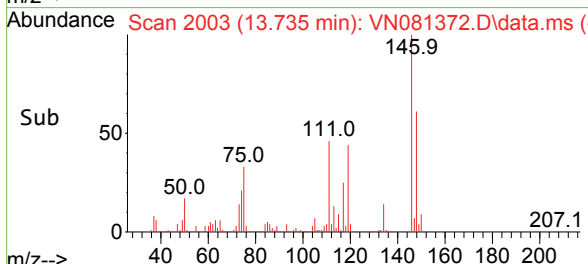
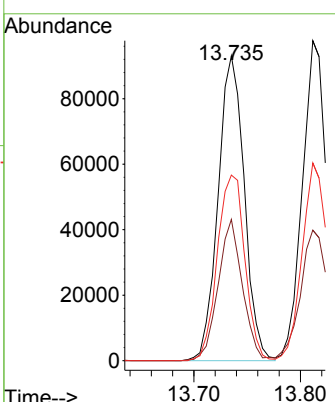
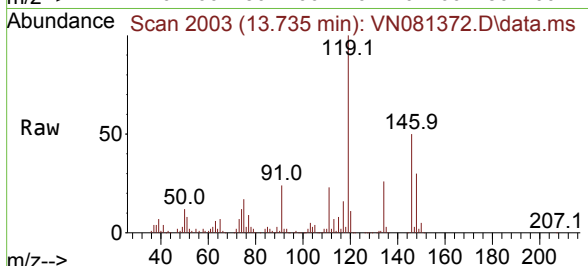


#87
 1,3-Dichlorobenzene
 Concen: 17.786 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN081372.D
 Acq: 12 Mar 2024 14:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312MBS01

Tgt Ion:146 Resp: 159052

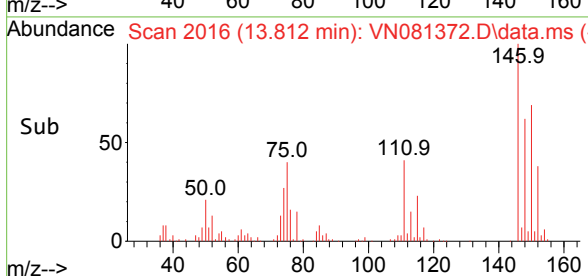
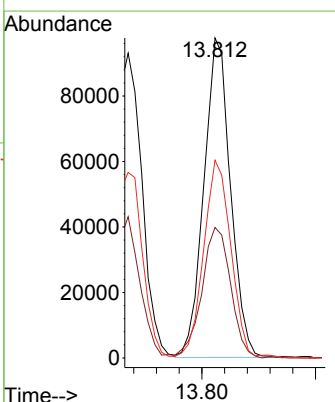
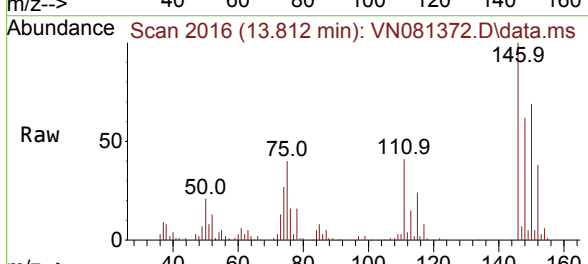
Ion	Ratio	Lower	Upper
146	100		
111	43.2	23.9	71.7
148	63.9	32.6	97.7

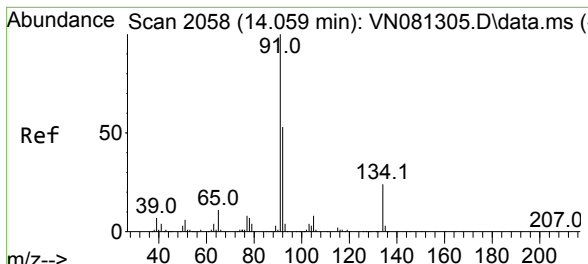


#88
 1,4-Dichlorobenzene
 Concen: 17.770 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN081372.D
 Acq: 12 Mar 2024 14:47

Tgt Ion:146 Resp: 158831

Ion	Ratio	Lower	Upper
146	100		
111	44.2	22.6	67.7
148	63.7	31.9	95.5



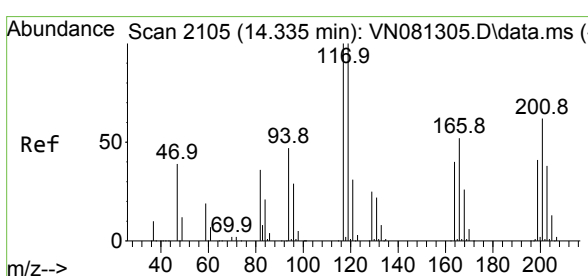
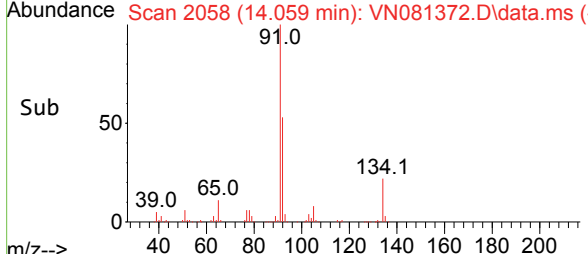
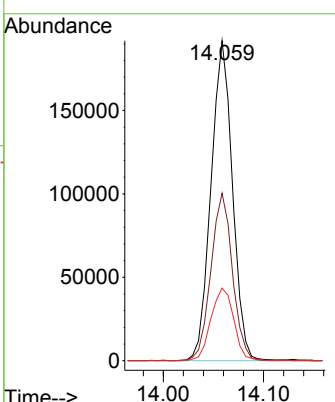
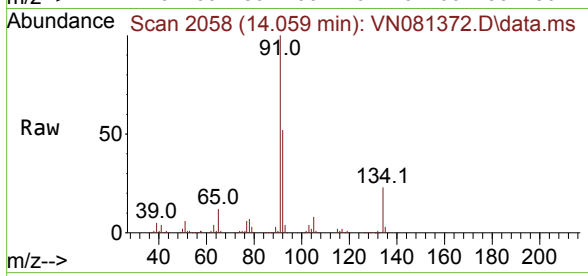


#89
 n-Butylbenzene
 Concen: 18.900 ug/l
 RT: 14.059 min Scan# 2058
 Delta R.T. 0.000 min
 Lab File: VN081372.D
 Acq: 12 Mar 2024 14:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312MBS01

Tgt Ion: 91 Resp: 284661

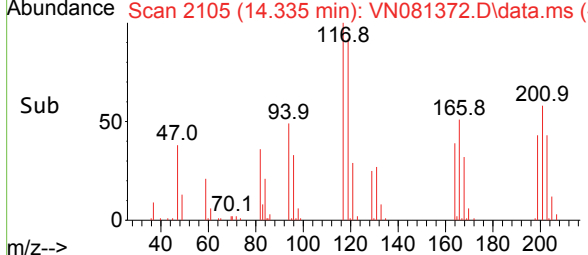
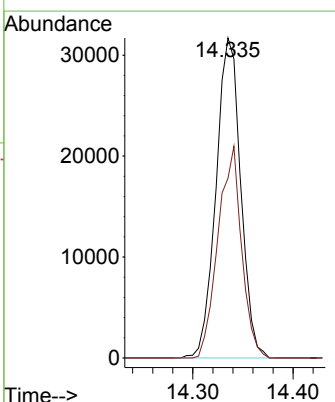
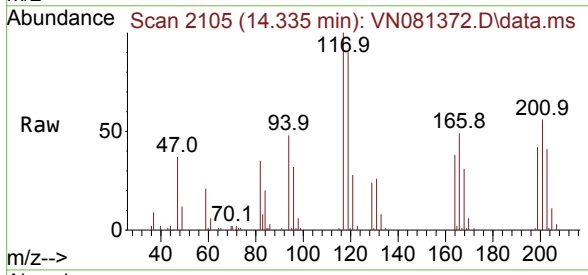
Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.7	80.1
134	24.1	10.8	32.4

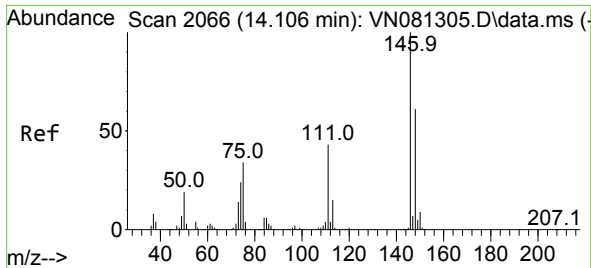


#90
 Hexachloroethane
 Concen: 18.849 ug/l
 RT: 14.335 min Scan# 2105
 Delta R.T. -0.000 min
 Lab File: VN081372.D
 Acq: 12 Mar 2024 14:47

Tgt Ion: 117 Resp: 54198

Ion	Ratio	Lower	Upper
117	100		
201	63.0	30.0	90.0

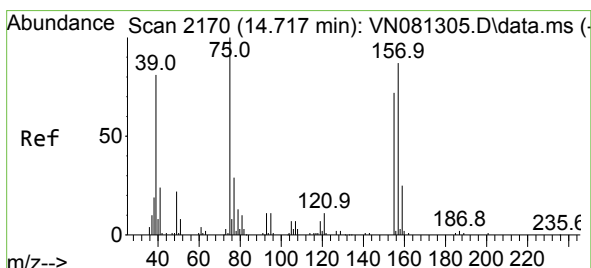
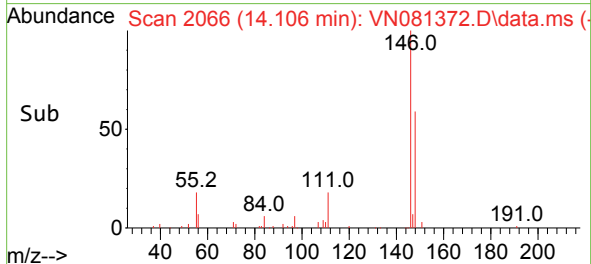
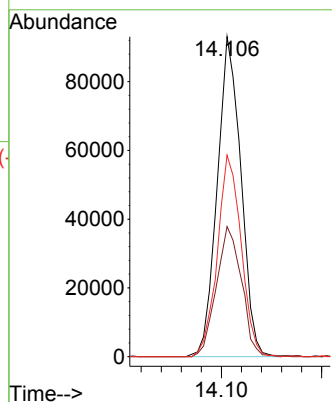
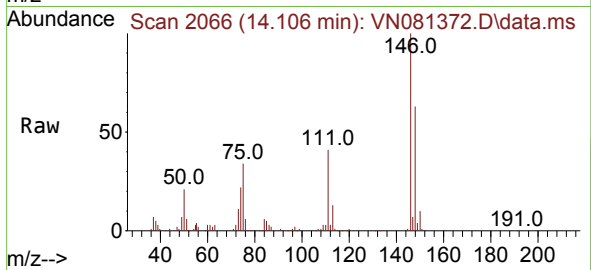




#91
1,2-Dichlorobenzene
Concen: 17.777 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081372.D
Acq: 12 Mar 2024 14:47

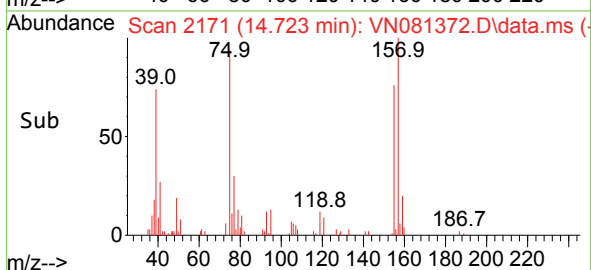
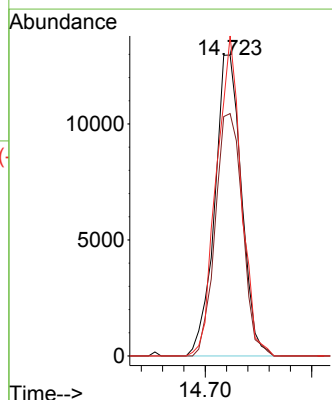
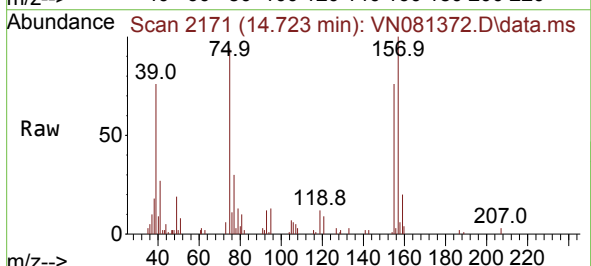
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBS01

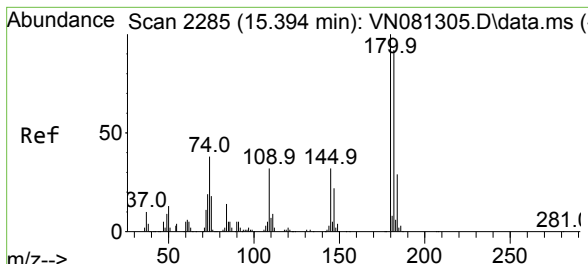
Tgt Ion:146 Resp: 152523
Ion Ratio Lower Upper
146 100
111 43.1 23.9 71.8
148 63.3 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.144 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN081372.D
Acq: 12 Mar 2024 14:47

Tgt Ion: 75 Resp: 22616
Ion Ratio Lower Upper
75 100
155 81.8 31.8 95.4
157 98.3 41.1 123.4

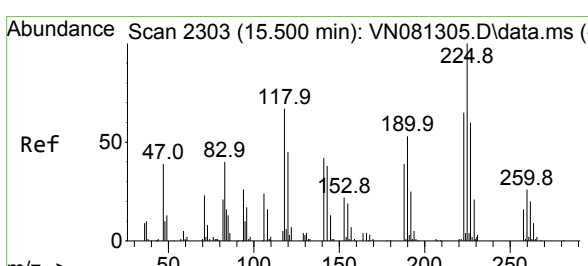
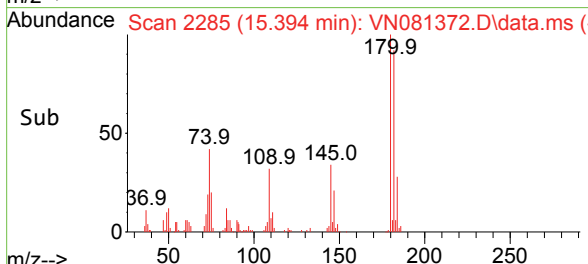
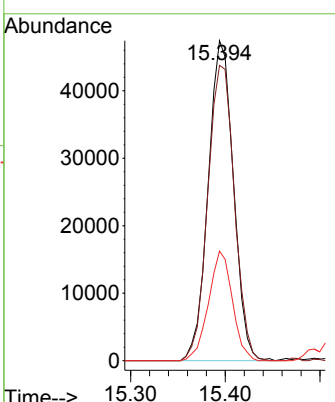
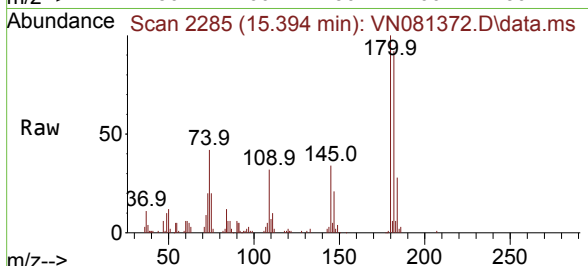




#93
 1,2,4-Trichlorobenzene
 Concen: 19.185 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN081372.D
 Acq: 12 Mar 2024 14:47

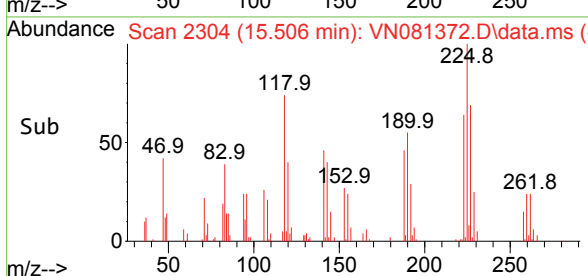
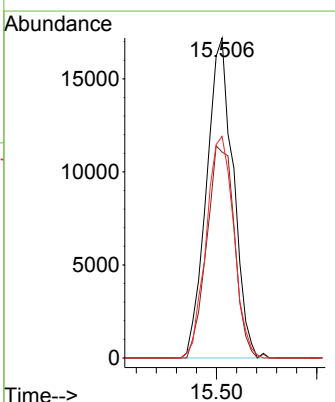
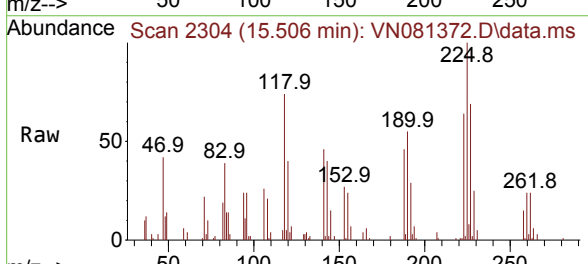
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312MBS01

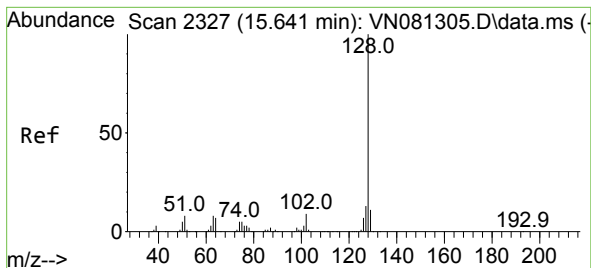
Tgt Ion:	180	Resp:	87984
Ion Ratio	Lower	Upper	
180	100		
182	96.9	46.6	139.7
145	32.4	16.8	50.3



#94
 Hexachlorobutadiene
 Concen: 16.760 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. 0.006 min
 Lab File: VN081372.D
 Acq: 12 Mar 2024 14:47

Tgt Ion:	225	Resp:	31761
Ion Ratio	Lower	Upper	
225	100		
223	68.7	33.3	99.8
227	71.4	33.1	99.2





#95

Naphthalene

Concen: 18.440 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081372.D

Acq: 12 Mar 2024 14:47

Instrument :

MSVOA_N

ClientSampleId :

VN0312MBS01

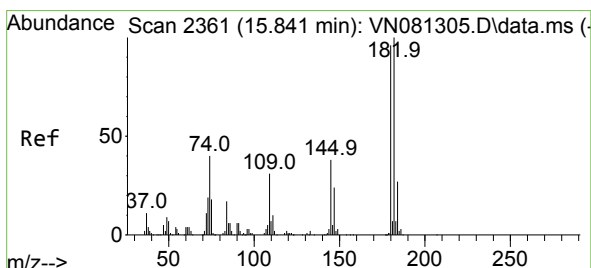
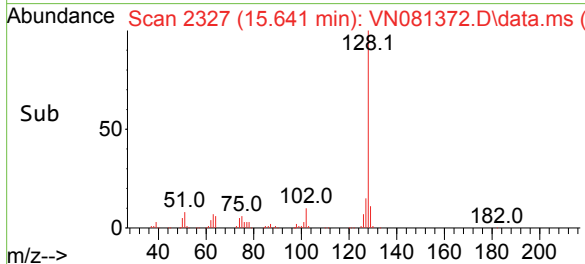
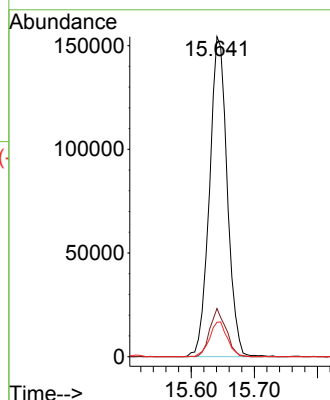
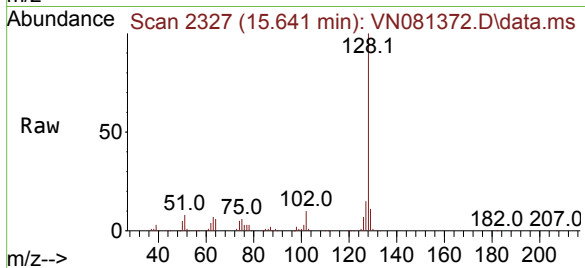
Tgt Ion:128 Resp: 300923

Ion Ratio Lower Upper

128 100

127 13.8 10.0 15.0

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 18.824 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN081372.D

Acq: 12 Mar 2024 14:47

Tgt Ion:180 Resp: 87547

Ion Ratio Lower Upper

180 100

182 96.7 46.5 139.3

145 36.4 17.8 53.4

