

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
 Data File : VN082250.D
 Acq On : 21 May 2024 19:07
 Operator : JC\MD
 Sample : VN0521MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521MBS01

Quant Time: May 22 01:31:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	182404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	323088	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	290770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	130666	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	143265	49.741	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.480%
35) Dibromofluoromethane	8.171	113	100331	50.481	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.960%
50) Toluene-d8	10.571	98	371258	48.722	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.440%
62) 4-Bromofluorobenzene	12.853	95	129083	47.462	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	94.920%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	50021	19.021	ug/l	99
3) Chloromethane	2.359	50	56388	18.920	ug/l	97
4) Vinyl Chloride	2.512	62	54612	19.491	ug/l	98
5) Bromomethane	2.953	94	27501	17.076	ug/l	100
6) Chloroethane	3.118	64	37207	20.337	ug/l	98
7) Trichlorofluoromethane	3.500	101	74883	20.410	ug/l	97
8) Diethyl Ether	3.965	74	26767	20.479	ug/l	70
9) 1,1,2-Trichlorotrifluo...	4.371	101	40987	19.124	ug/l	98
10) Methyl Iodide	4.589	142	39264	18.223	ug/l	100
11) Tert butyl alcohol	5.524	59	53216	115.102	ug/l	98
12) 1,1-Dichloroethene	4.342	96	38678	19.416	ug/l #	81
13) Acrolein	4.177	56	35389	103.293	ug/l	99
14) Allyl chloride	5.030	41	76505	17.938	ug/l #	91
15) Acrylonitrile	5.724	53	132165	110.377	ug/l	99
16) Acetone	4.430	43	126596	107.148	ug/l	90
17) Carbon Disulfide	4.718	76	111332	17.304	ug/l	99
18) Methyl Acetate	5.030	43	67940	23.090	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	148668	20.417	ug/l	95
20) Methylene Chloride	5.277	84	46933	19.688	ug/l #	75
21) trans-1,2-Dichloroethene	5.789	96	41134	18.948	ug/l #	83
22) Diisopropyl ether	6.677	45	177985	19.985	ug/l #	90
23) Vinyl Acetate	6.606	43	709196	101.001	ug/l #	88
24) 1,1-Dichloroethane	6.571	63	91180	19.863	ug/l	98
25) 2-Butanone	7.488	43	196354	109.612	ug/l #	86
26) 2,2-Dichloropropane	7.494	77	59852	15.567	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	50315	19.639	ug/l	84
28) Bromochloromethane	7.818	49	37911	18.404	ug/l #	75
29) Tetrahydrofuran	7.841	42	130211	113.212	ug/l #	81
30) Chloroform	7.965	83	89059	20.317	ug/l	97
31) Cyclohexane	8.253	56	82171	17.863	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	77896	20.030	ug/l	94
36) 1,1-Dichloropropene	8.377	75	60839	18.252	ug/l	97
37) Ethyl Acetate	7.565	43	78720	21.102	ug/l #	94
38) Carbon Tetrachloride	8.365	117	66487	19.676	ug/l	94
39) Methylcyclohexane	9.600	83	64488	17.650	ug/l #	80
40) Benzene	8.606	78	193537	19.471	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	43880	20.001	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	75683	19.797	ug/l	95
43) Isopropyl Acetate	8.694	43	174814	26.447	ug/l #	81
44) Trichloroethene	9.353	130	41817	18.520	ug/l	94
45) 1,2-Dichloropropane	9.624	63	50158	19.557	ug/l	96
46) Dibromomethane	9.712	93	33395	19.834	ug/l	97
47) Bromodichloromethane	9.888	83	71233	20.040	ug/l #	94
48) Methyl methacrylate	9.682	41	63977	20.312	ug/l #	81
49) 1,4-Dioxane	9.700	88	21378	484.370	ug/l #	73
51) 4-Methyl-2-Pentanone	10.447	43	413613	110.132	ug/l	89
52) Toluene	10.635	92	117452	19.690	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	68588	18.657	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	74830	19.230	ug/l #	80
55) 1,1,2-Trichloroethane	11.018	97	44784	20.659	ug/l	94
56) Ethyl methacrylate	10.876	69	74316	20.193	ug/l #	72
57) 1,3-Dichloropropane	11.165	76	80931	19.968	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	193620	101.994	ug/l	91
59) 2-Hexanone	11.200	43	307546	111.840	ug/l	89
60) Dibromochloromethane	11.365	129	49295	20.606	ug/l	99
61) 1,2-Dibromoethane	11.470	107	45625	20.491	ug/l	96
64) Tetrachloroethene	11.106	164	36808	17.079	ug/l	95
65) Chlorobenzene	11.894	112	122952	19.141	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	43693	20.650	ug/l	98
67) Ethyl Benzene	11.965	91	218297	18.998	ug/l	95
68) m/p-Xylenes	12.070	106	159851	37.956	ug/l	92
69) o-Xylene	12.400	106	76648	18.789	ug/l	90
70) Styrene	12.412	104	131082	19.345	ug/l	95
71) Bromoform	12.582	173	31750	19.303	ug/l #	100
73) Isopropylbenzene	12.700	105	198155	19.089	ug/l	98
74) N-amyl acetate	12.494	43	118954	20.833	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	65640	21.936	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	85720	31.168	ug/l	64
77) Bromobenzene	12.982	156	48159	19.467	ug/l	85
78) n-propylbenzene	13.035	91	234970	19.115	ug/l	97
79) 2-Chlorotoluene	13.129	91	146822	19.021	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	165604	19.729	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	24369	20.725	ug/l #	77
82) 4-Chlorotoluene	13.223	91	142957	18.942	ug/l	95
83) tert-Butylbenzene	13.441	119	139965	19.060	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	167189	19.469	ug/l	98
85) sec-Butylbenzene	13.617	105	193566	19.017	ug/l	98
86) p-Isopropyltoluene	13.729	119	159984	19.340	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	86354	19.267	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	86159	18.835	ug/l	98
89) n-Butylbenzene	14.059	91	133394	17.941	ug/l	98
90) Hexachloroethane	14.335	117	30687	20.023	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	84065	19.815	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	13749	22.363	ug/l	84
93) 1,2,4-Trichlorobenzene	15.394	180	43180	18.158	ug/l	99
94) Hexachlorobutadiene	15.500	225	18244	17.484	ug/l	98
95) Naphthalene	15.641	128	146188	19.616	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	45319	19.037	ug/l	98

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QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration

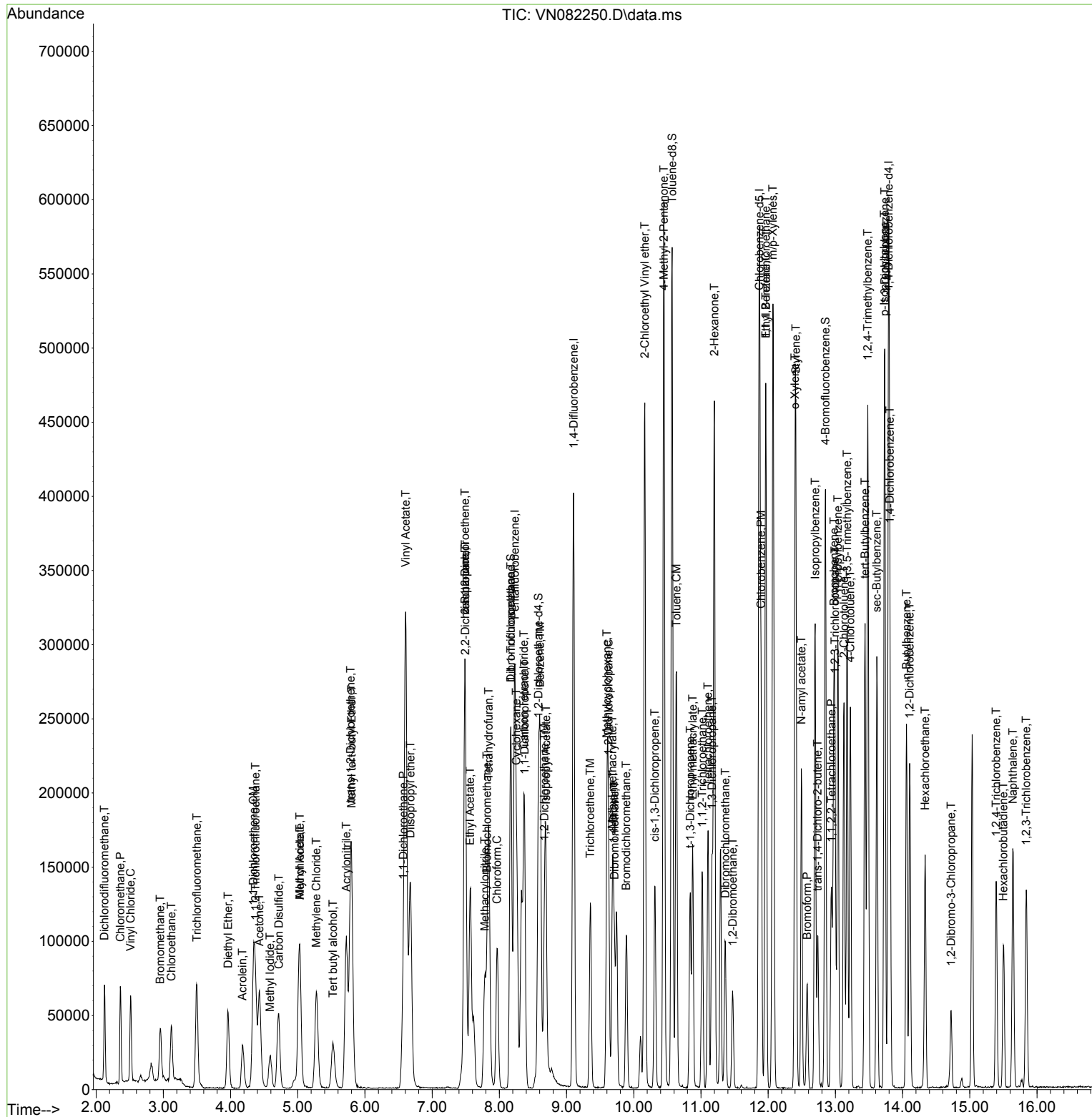
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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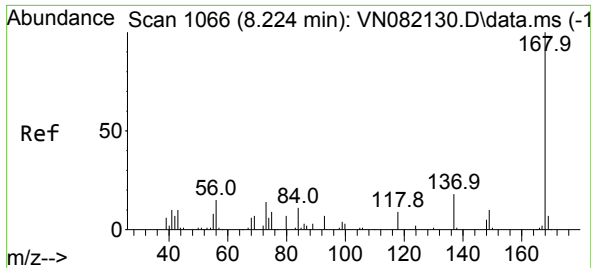
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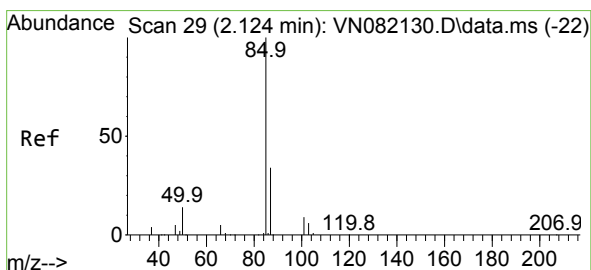
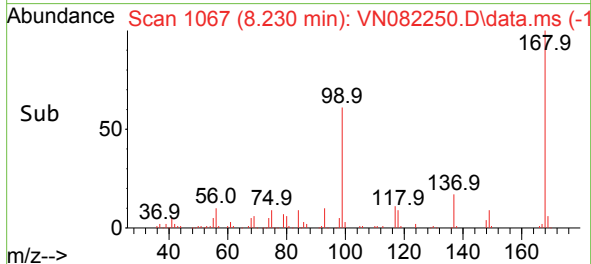
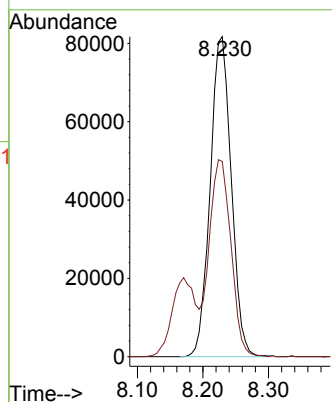
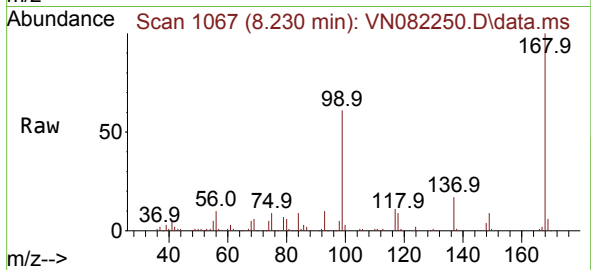




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN082250.D
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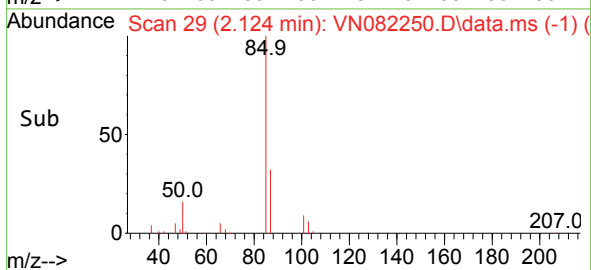
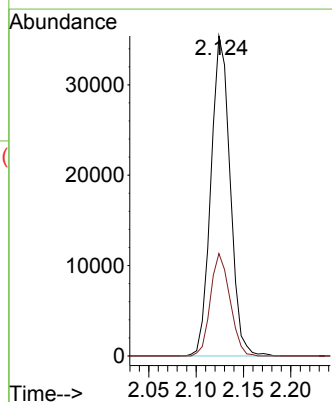
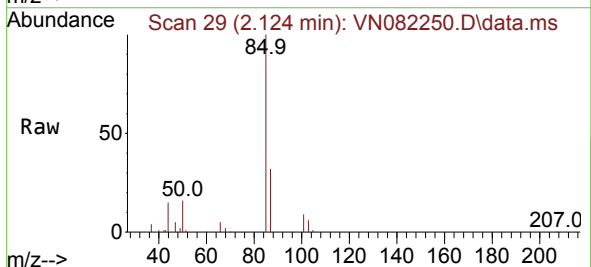
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01

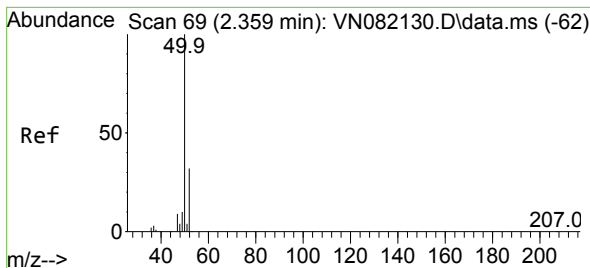
Tgt Ion:168 Resp: 182404
Ion Ratio Lower Upper
168 100
99 61.0 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 19.021 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

Tgt Ion: 85 Resp: 50021
Ion Ratio Lower Upper
85 100
87 32.0 15.8 47.4





#3

Chloromethane

Concen: 18.920 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN082250.D

Acq: 21 May 2024 19:07

Instrument :

MSVOA_N

ClientSampleId :

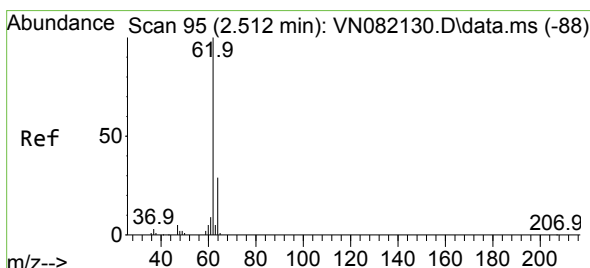
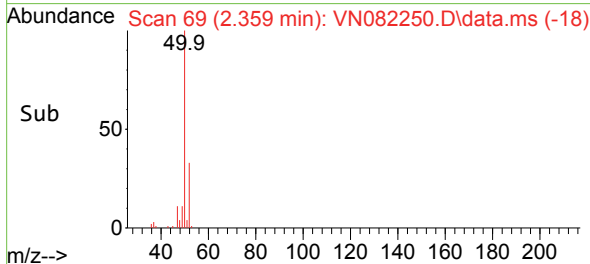
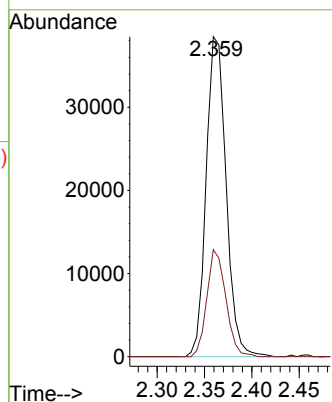
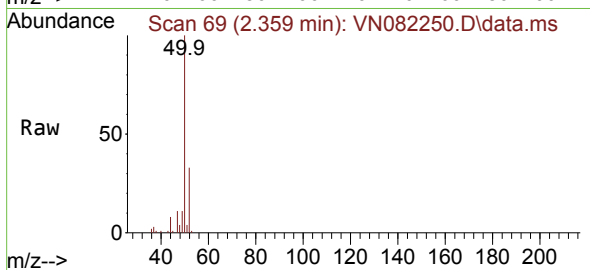
VN0521MBS01

Tgt Ion: 50 Resp: 56388

Ion Ratio Lower Upper

50 100

52 33.4 25.5 38.3



#4

Vinyl Chloride

Concen: 19.491 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.000 min

Lab File: VN082250.D

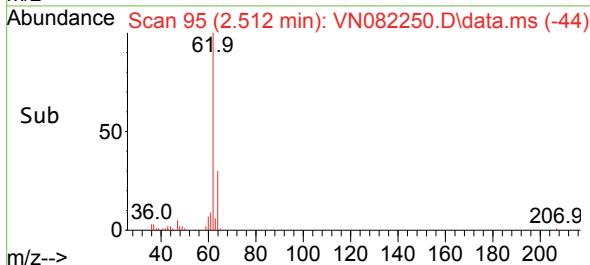
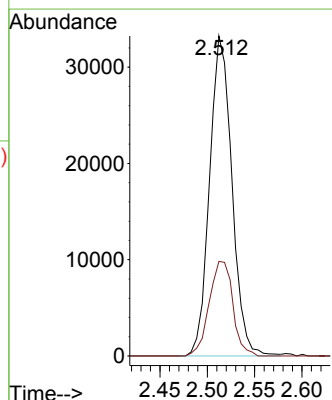
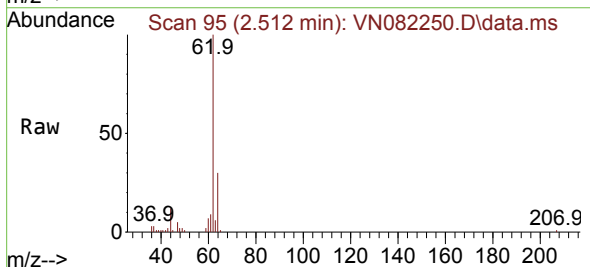
Acq: 21 May 2024 19:07

Tgt Ion: 62 Resp: 54612

Ion Ratio Lower Upper

62 100

64 29.6 24.6 37.0

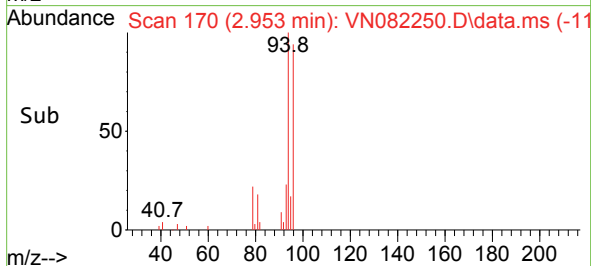
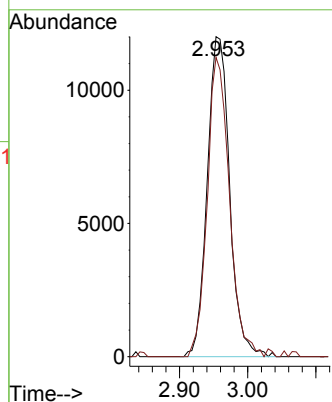
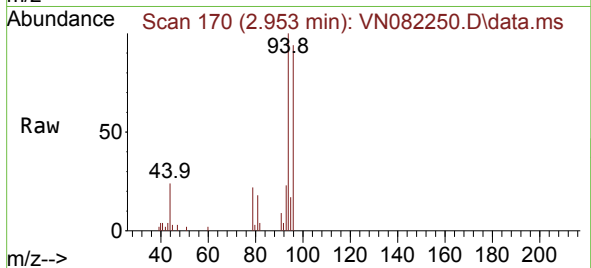




#5
Bromomethane
Concen: 17.076 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

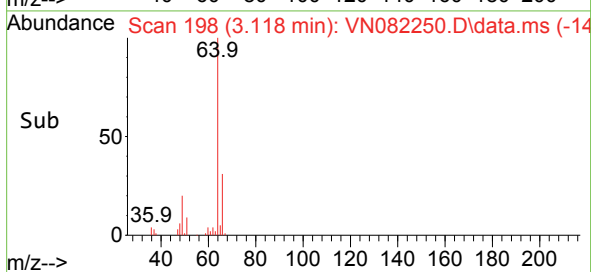
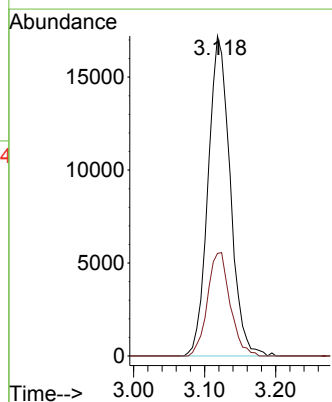
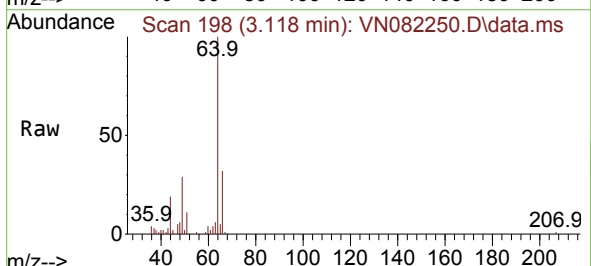
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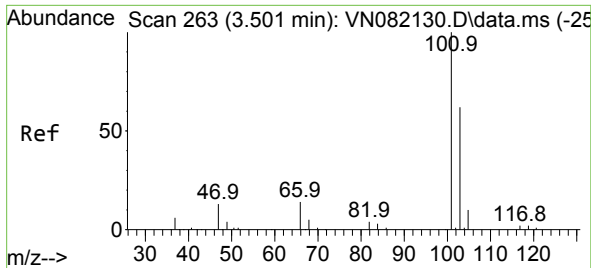
Tgt Ion: 94 Resp: 27501
Ion Ratio Lower Upper
94 100
96 93.5 74.8 112.2



#6
Chloroethane
Concen: 20.337 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

Tgt Ion: 64 Resp: 37207
Ion Ratio Lower Upper
64 100
66 32.1 24.7 37.1

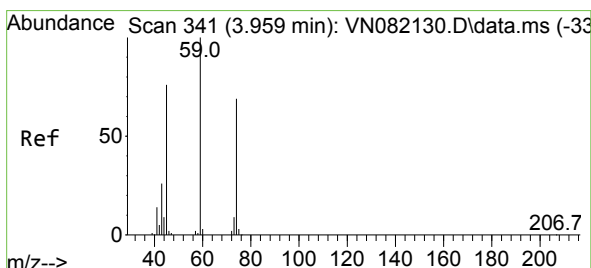
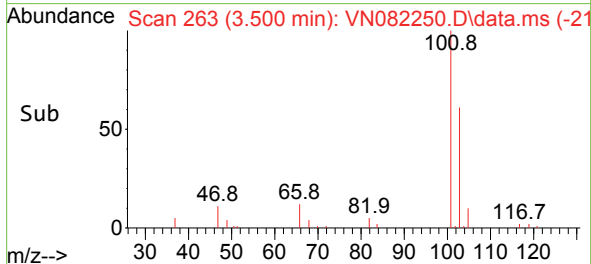
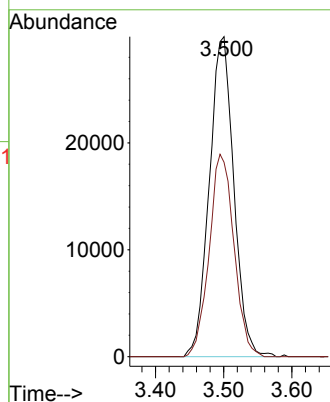
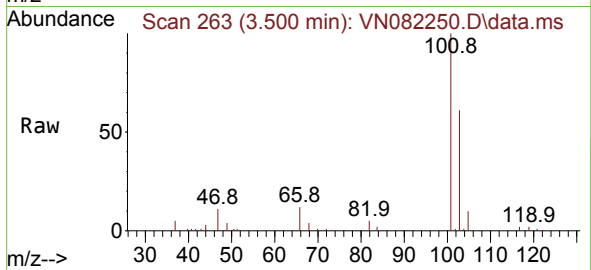




#7
Trichlorofluoromethane
Concen: 20.410 ug/l
RT: 3.500 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

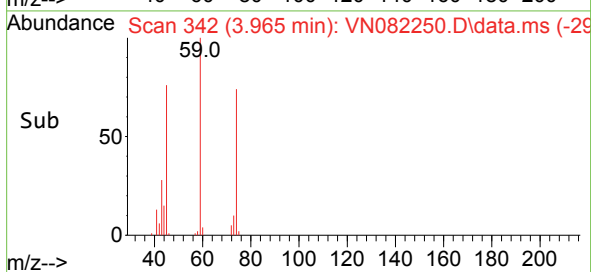
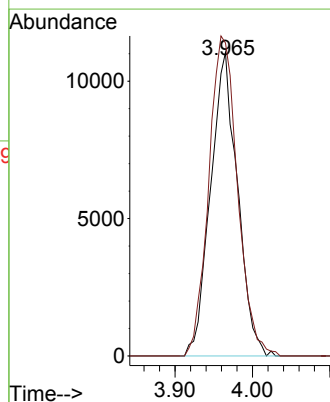
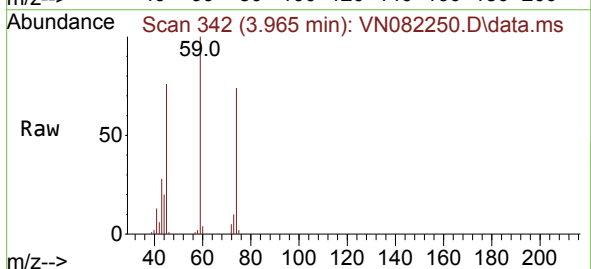
Instrument :
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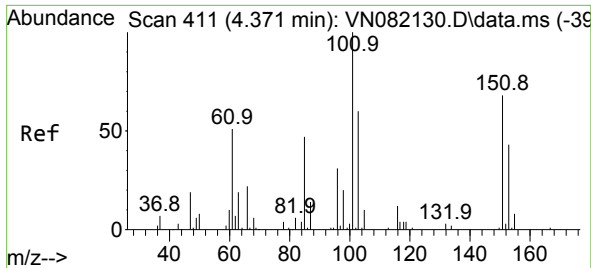
Tgt Ion:101 Resp: 74883
Ion Ratio Lower Upper
101 100
103 60.7 50.6 75.8



#8
Diethyl Ether
Concen: 20.479 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

Tgt Ion: 74 Resp: 26767
Ion Ratio Lower Upper
74 100
45 112.3 42.4 127.3

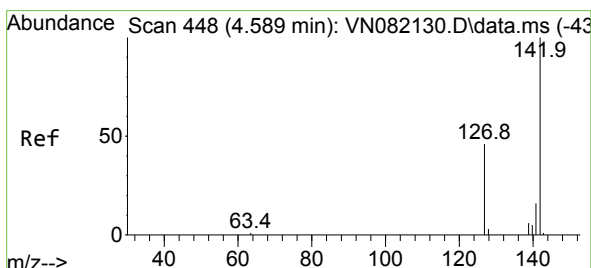
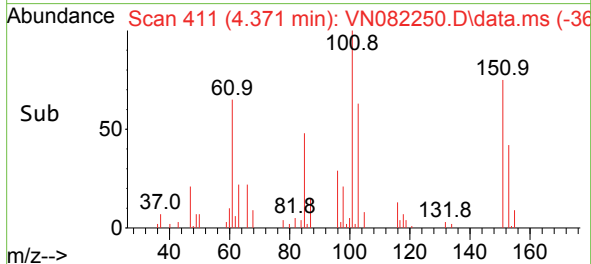
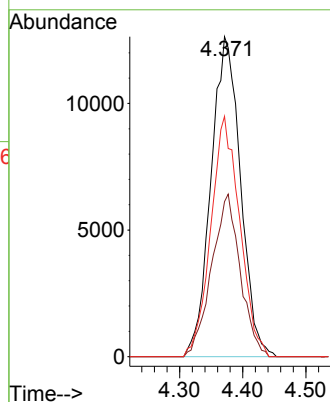
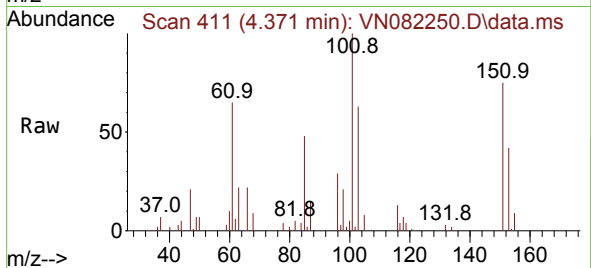




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.124 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

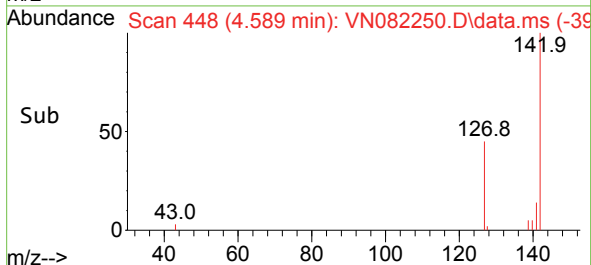
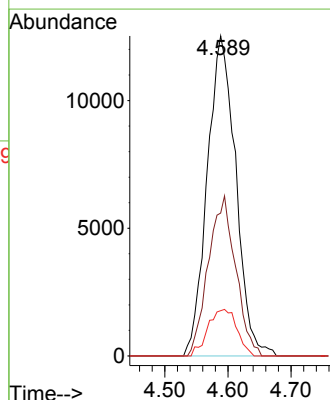
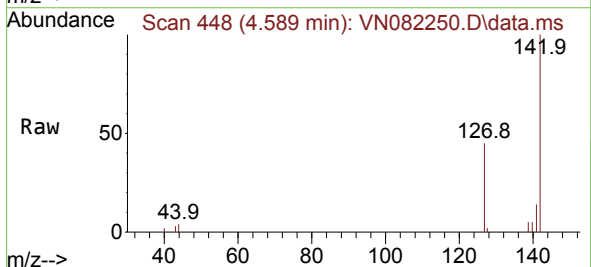
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01

Tgt Ion:101 Resp: 40987
Ion Ratio Lower Upper
101 100
85 49.3 37.3 55.9
151 73.7 59.2 88.8



#10
Methyl Iodide
Concen: 18.223 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

Tgt Ion:142 Resp: 39264
Ion Ratio Lower Upper
142 100
127 44.7 35.8 53.6
141 14.1 11.4 17.2

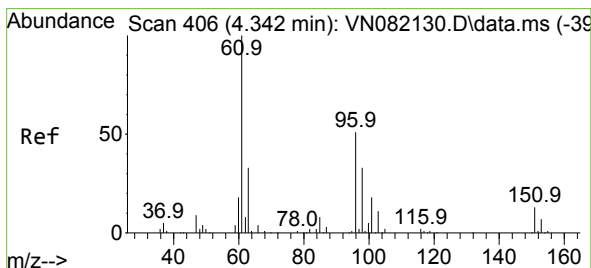
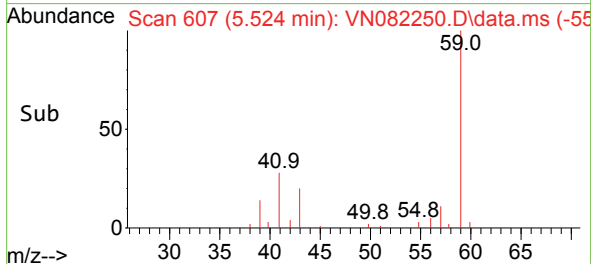
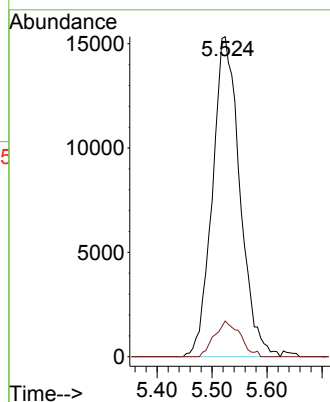
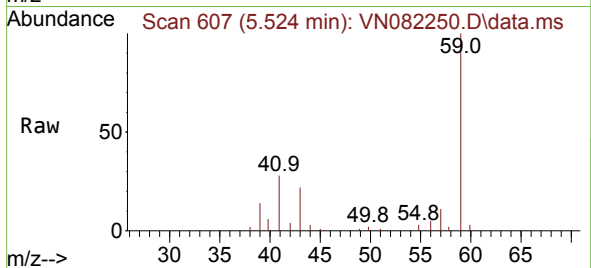




#11
Tert butyl alcohol
Concen: 115.102 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

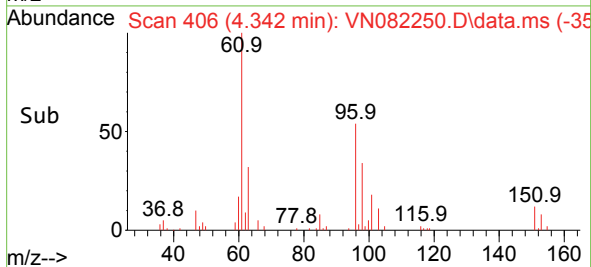
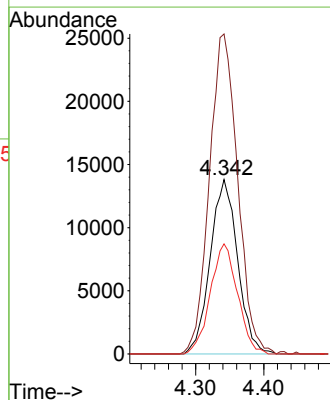
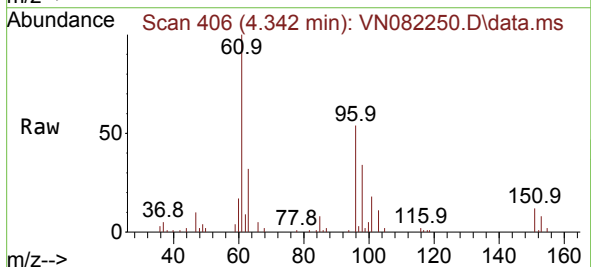
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01

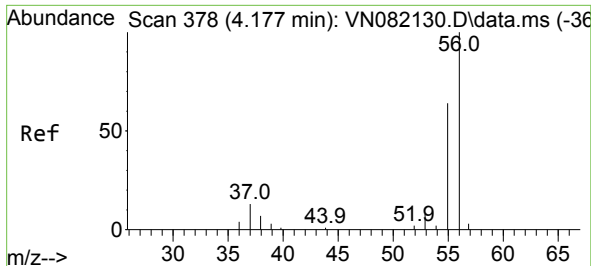
Tgt Ion: 59 Resp: 53216
Ion Ratio Lower Upper
59 100
57 10.4 8.9 13.3



#12
1,1-Dichloroethene
Concen: 19.416 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

Tgt Ion: 96 Resp: 38678
Ion Ratio Lower Upper
96 100
61 183.5 119.7 179.5#
98 63.2 49.6 74.4





#13

Acrolein

Concen: 103.293 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN082250.D

Acq: 21 May 2024 19:07

Instrument :

MSVOA_N

ClientSampleId :

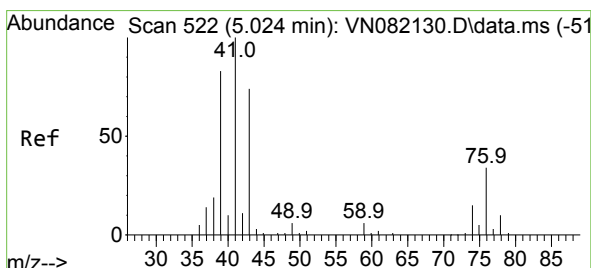
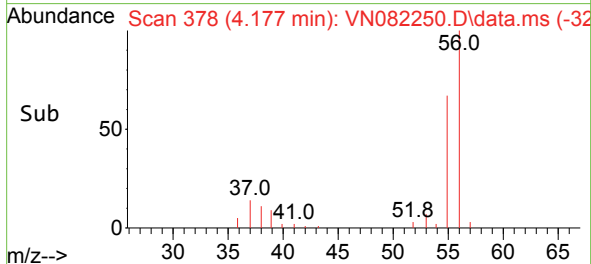
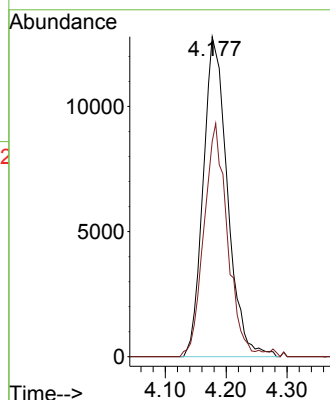
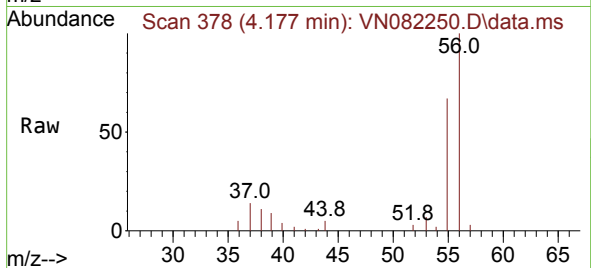
VN0521MBS01

Tgt Ion: 56 Resp: 35389

Ion Ratio Lower Upper

56 100

55 70.3 55.8 83.8



#14

Allyl chloride

Concen: 17.938 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.006 min

Lab File: VN082250.D

Acq: 21 May 2024 19:07

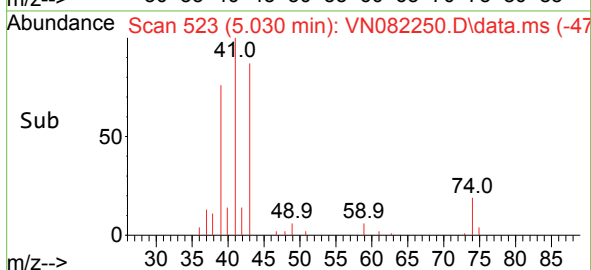
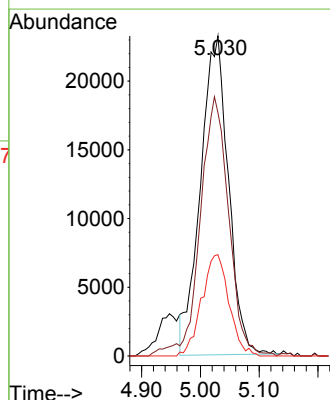
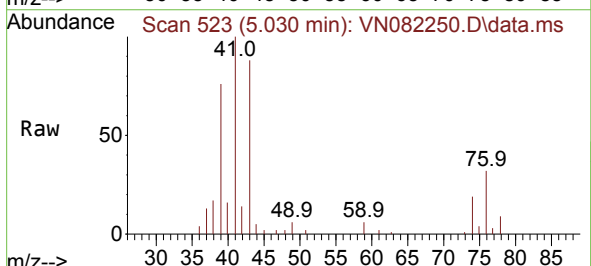
Tgt Ion: 41 Resp: 76505

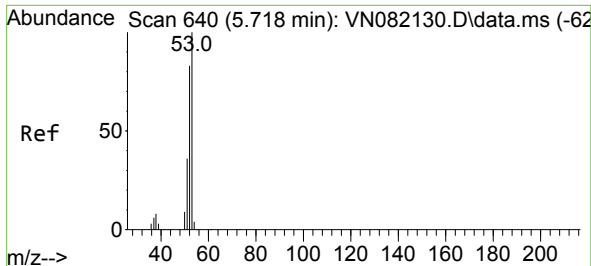
Ion Ratio Lower Upper

41 100

39 83.0 65.4 98.0

76 31.0 37.3 55.9#





#15

Acrylonitrile

Concen: 110.377 ug/l

RT: 5.724 min Scan# 641

Delta R.T. 0.006 min

Lab File: VN082250.D

Acq: 21 May 2024 19:07

Instrument :

MSVOA_N

ClientSampleId :

VN0521MBS01

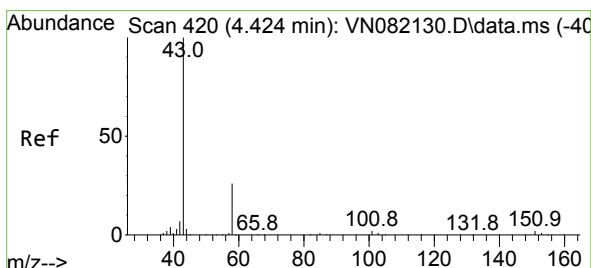
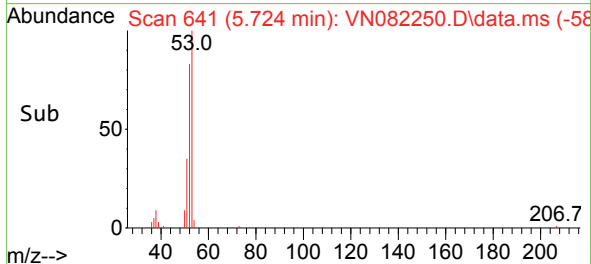
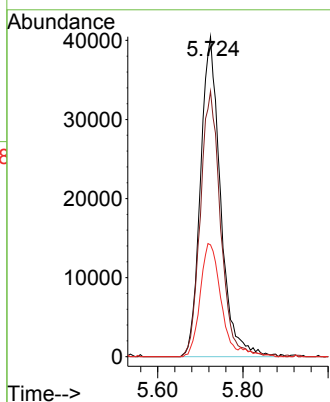
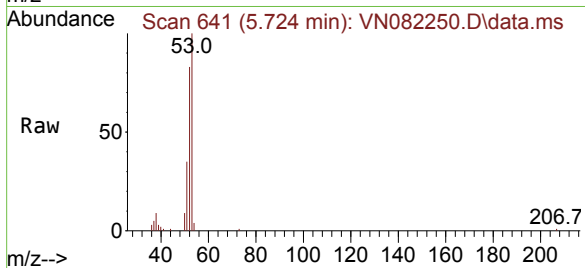
Tgt Ion: 53 Resp: 132165

Ion Ratio Lower Upper

53 100

52 83.3 66.1 99.1

51 35.6 29.4 44.2



#16

Acetone

Concen: 107.148 ug/l

RT: 4.430 min Scan# 421

Delta R.T. 0.006 min

Lab File: VN082250.D

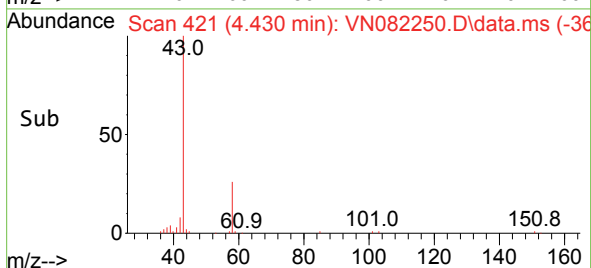
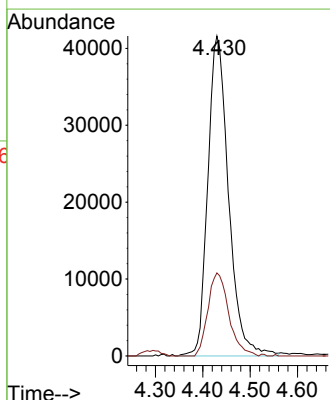
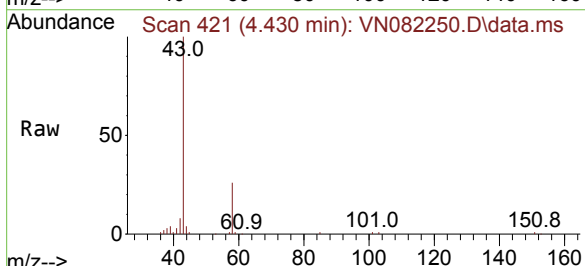
Acq: 21 May 2024 19:07

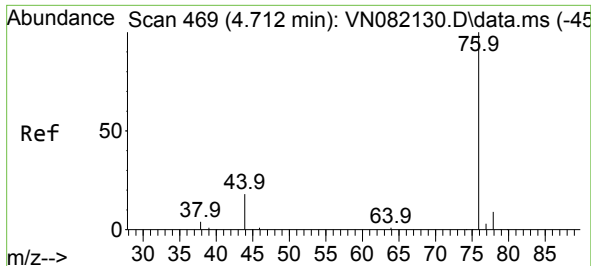
Tgt Ion: 43 Resp: 126596

Ion Ratio Lower Upper

43 100

58 26.0 25.2 37.8

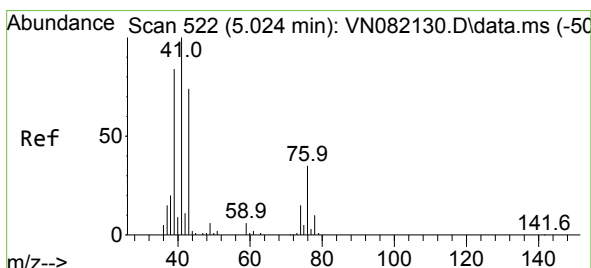
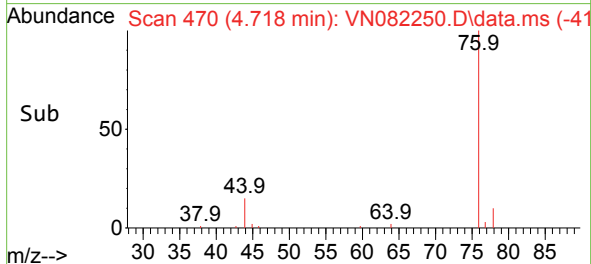
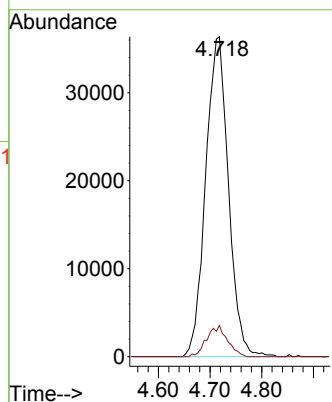
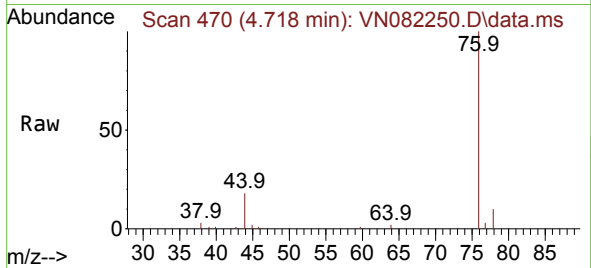




#17
Carbon Disulfide
Concen: 17.304 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

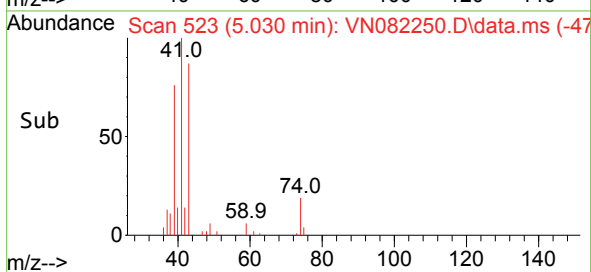
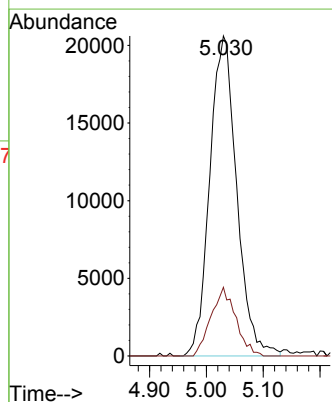
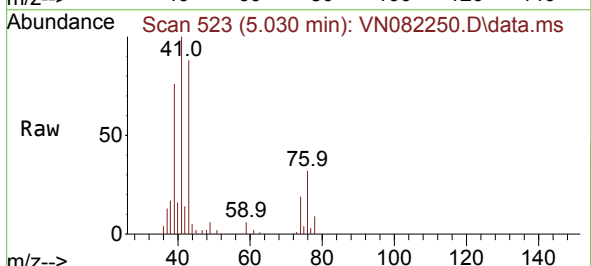
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01

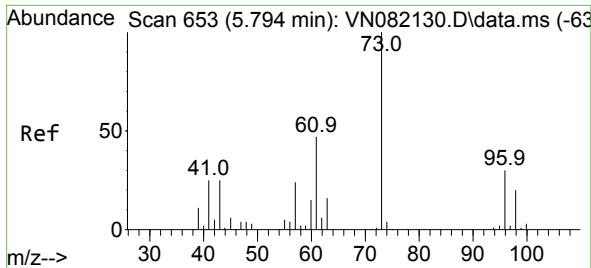
Tgt Ion: 76 Resp: 111332
Ion Ratio Lower Upper
76 100
78 9.8 7.5 11.3



#18
Methyl Acetate
Concen: 23.090 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

Tgt Ion: 43 Resp: 67940
Ion Ratio Lower Upper
43 100
74 19.7 22.2 33.2#

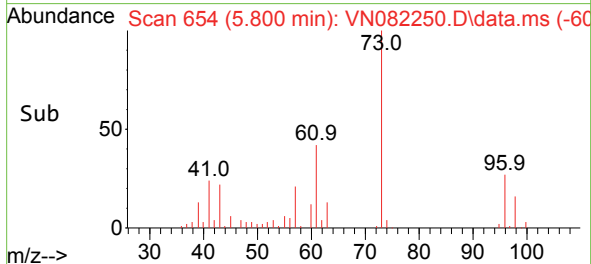
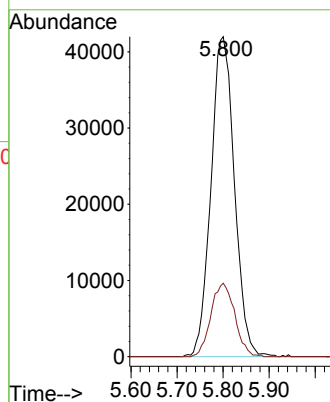
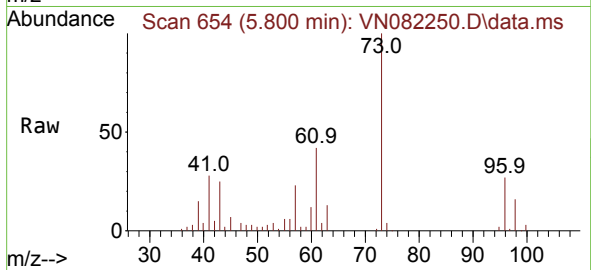




#19
Methyl tert-butyl Ether
Concen: 20.417 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

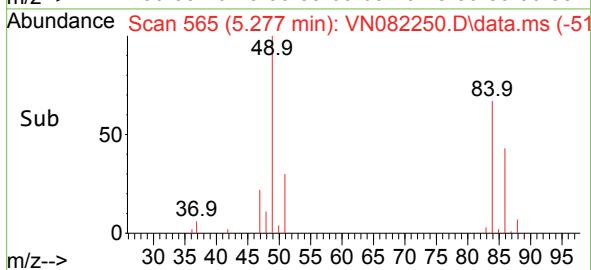
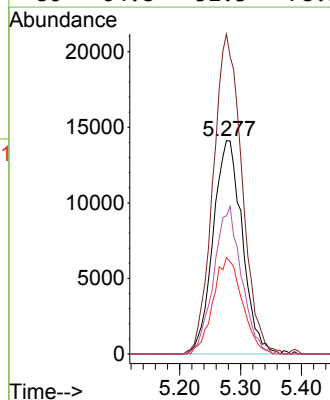
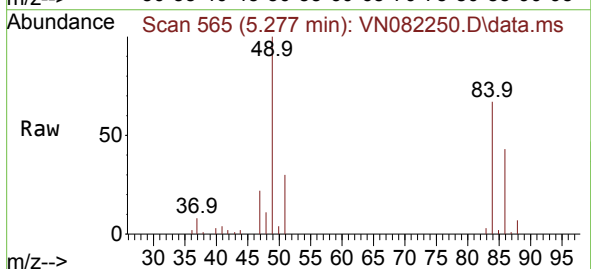
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01

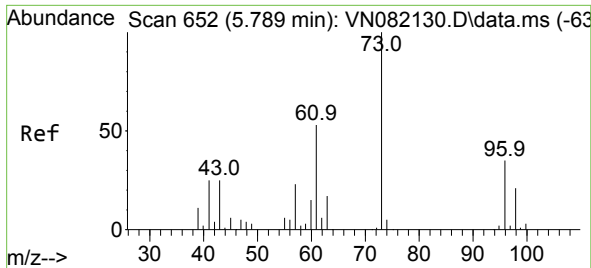
Tgt Ion: 73 Resp: 148668
Ion Ratio Lower Upper
73 100
57 22.9 16.5 24.7



#20
Methylene Chloride
Concen: 19.688 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

Tgt Ion: 84 Resp: 46933
Ion Ratio Lower Upper
84 100
49 150.1 84.9 127.3#
51 45.2 27.0 40.6#
86 64.8 52.3 78.5

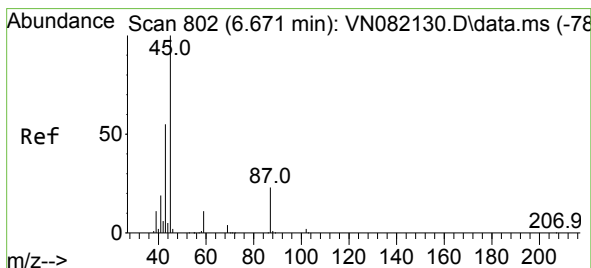
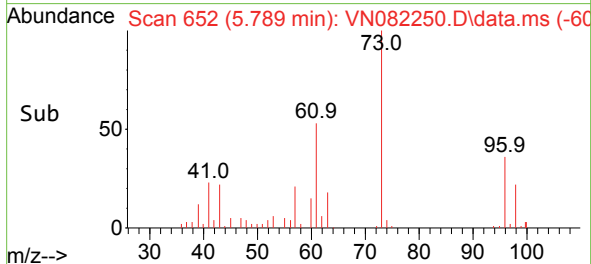
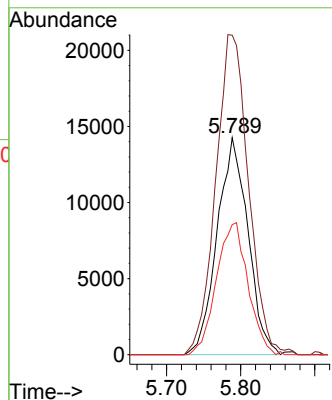
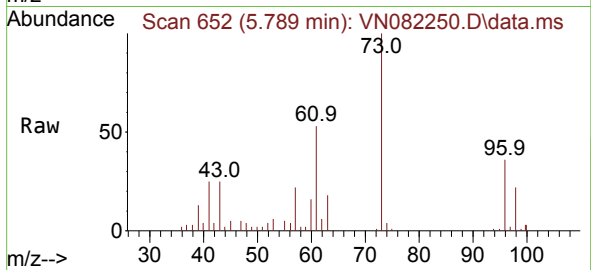




#21
trans-1,2-Dichloroethene
Concen: 18.948 ug/l
RT: 5.789 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

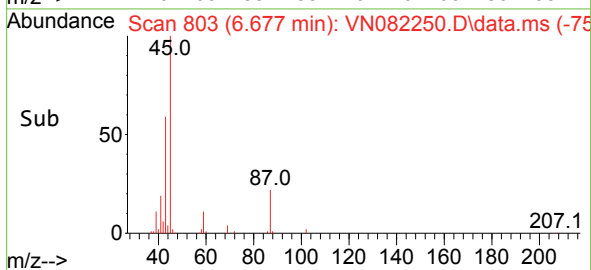
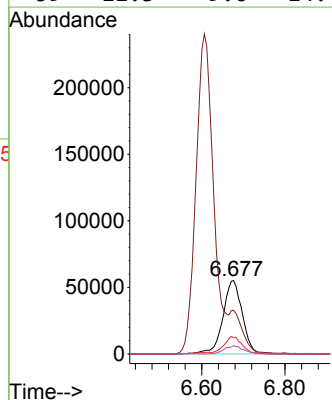
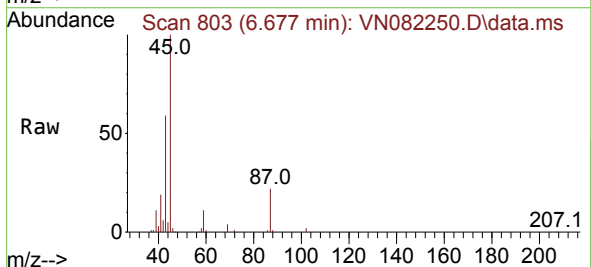
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01

Tgt Ion: 96 Resp: 41134
Ion Ratio Lower Upper
96 100
61 147.3 96.5 144.7#
98 60.0 51.3 76.9



#22
Diisopropyl ether
Concen: 19.985 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

Tgt Ion: 45 Resp: 177985
Ion Ratio Lower Upper
45 100
43 58.5 44.1 66.1
87 22.2 27.0 40.6#
59 11.3 9.6 14.4

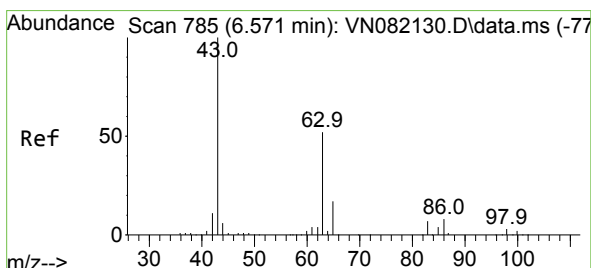
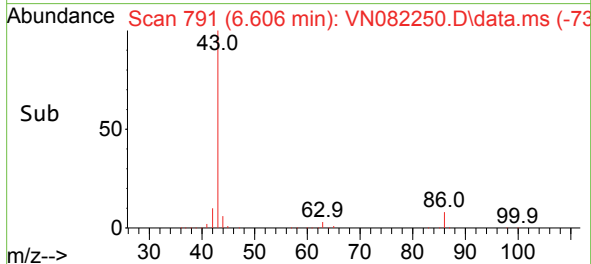
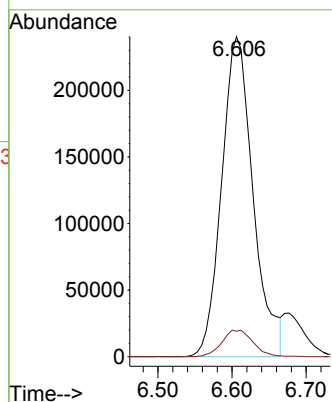
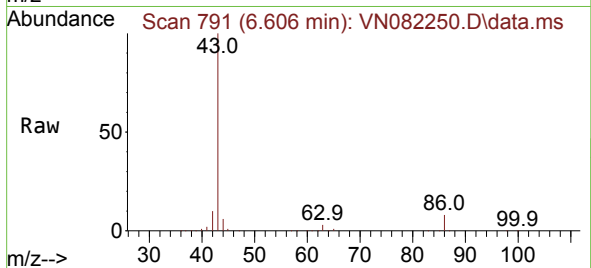




#23
 Vinyl Acetate
 Concen: 101.001 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN082250.D
 Acq: 21 May 2024 19:07

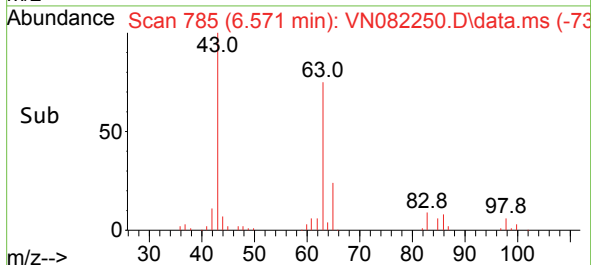
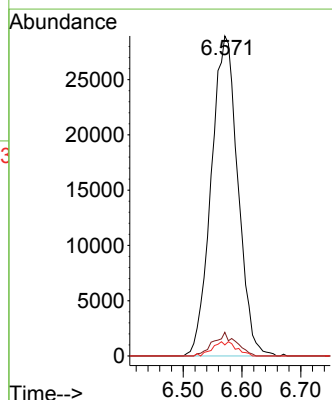
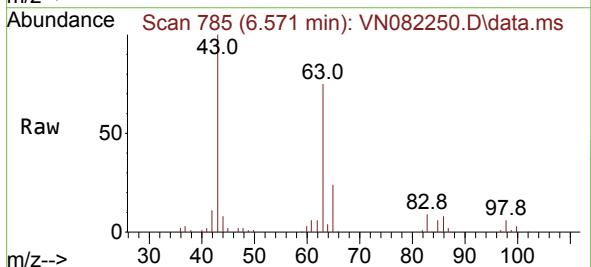
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521MBS01

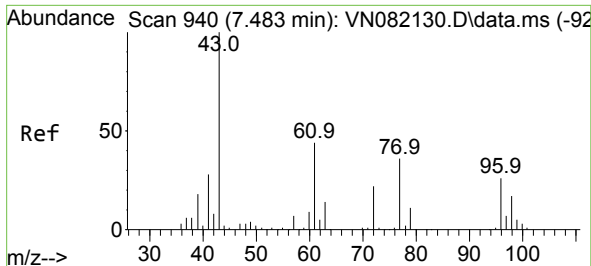
Tgt Ion: 43 Resp: 709196
 Ion Ratio Lower Upper
 43 100
 86 7.9 10.2 15.4#



#24
 1,1-Dichloroethane
 Concen: 19.863 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN082250.D
 Acq: 21 May 2024 19:07

Tgt Ion: 63 Resp: 91180
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.9
 100 3.4 2.6 7.8

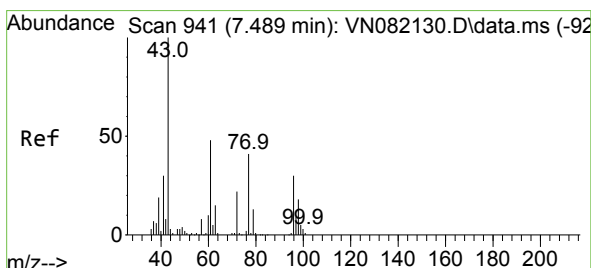
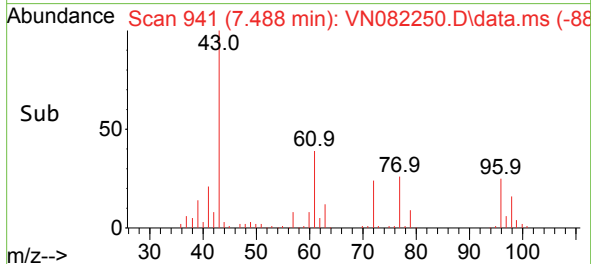
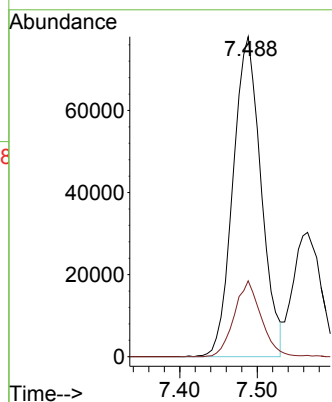
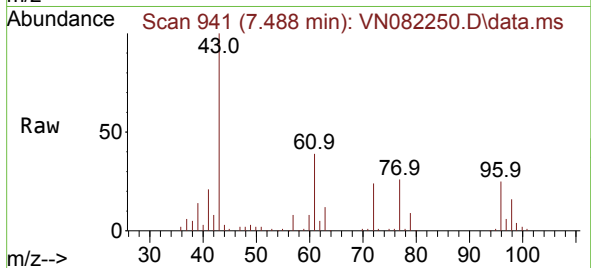




#25
2-Butanone
Concen: 109.612 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

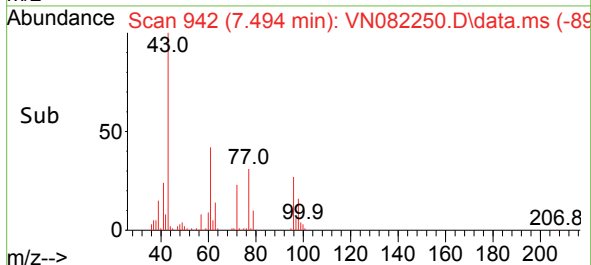
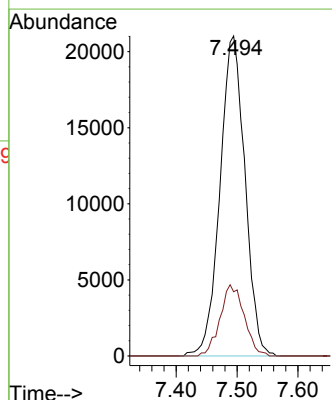
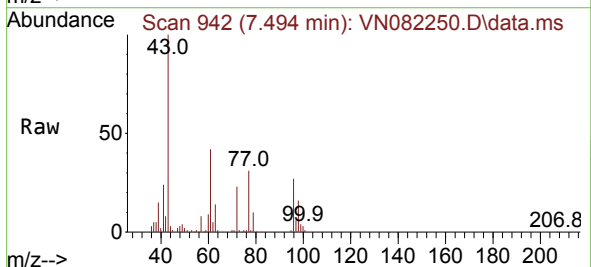
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01

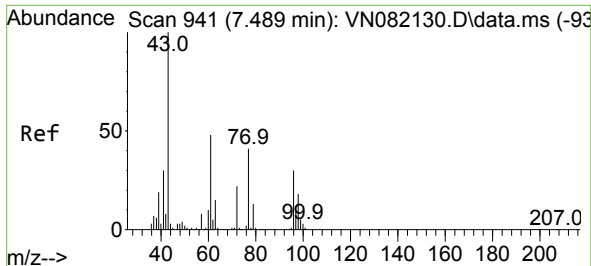
Tgt Ion: 43 Resp: 196354
Ion Ratio Lower Upper
43 100
72 23.7 25.3 37.9#



#26
2,2-Dichloropropane
Concen: 15.567 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

Tgt Ion: 77 Resp: 59852
Ion Ratio Lower Upper
77 100
97 21.5 11.3 33.9

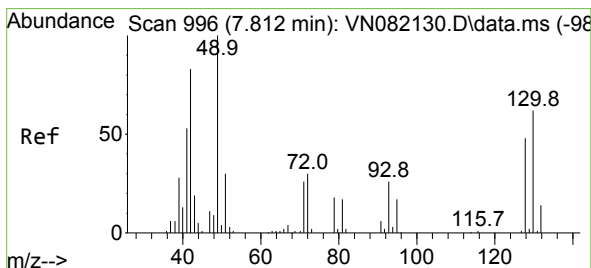
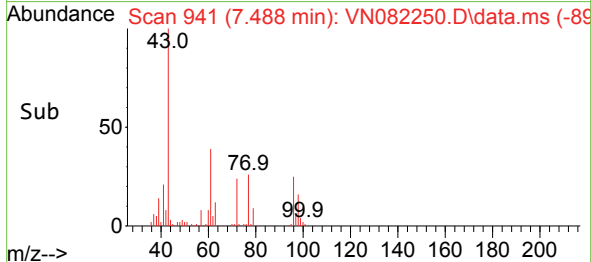
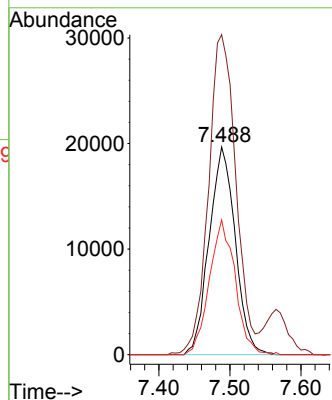
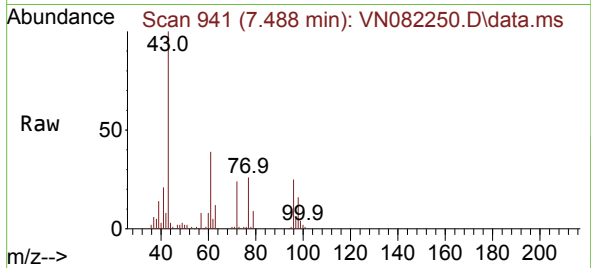




#27
 cis-1,2-Dichloroethene
 Concen: 19.639 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN082250.D
 Acq: 21 May 2024 19:07

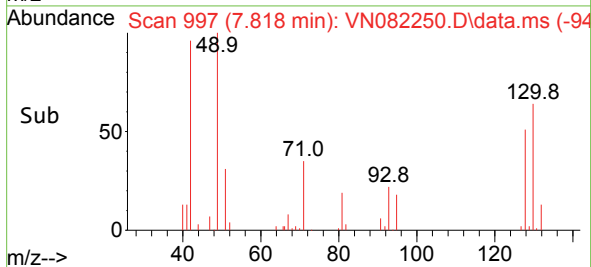
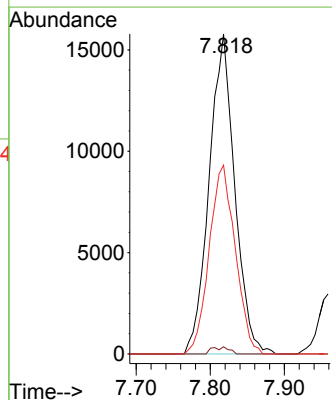
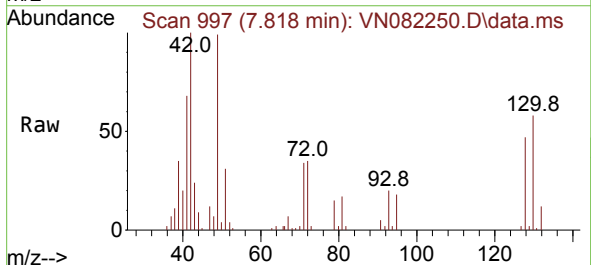
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521MBS01

Tgt Ion: 96 Resp: 50315
 Ion Ratio Lower Upper
 96 100
 61 160.9 0.0 268.0
 98 63.9 0.0 126.8



#28
 Bromochloromethane
 Concen: 18.404 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN082250.D
 Acq: 21 May 2024 19:07

Tgt Ion: 49 Resp: 37911
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 4.6
 130 60.1 66.7 100.1#





#29

Tetrahydrofuran

Concen: 113.212 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.005 min

Lab File: VN082250.D

Acq: 21 May 2024 19:07

Instrument :

MSVOA_N

ClientSampleId :

VN0521MBS01

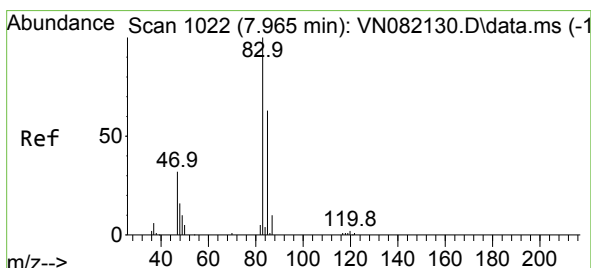
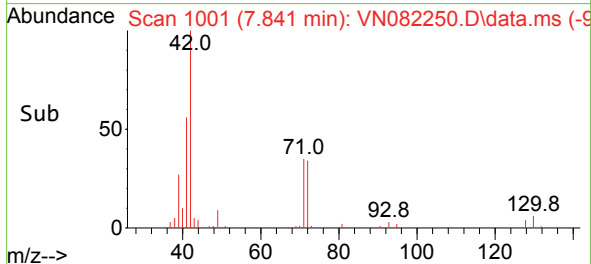
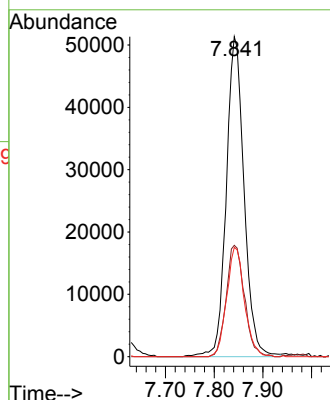
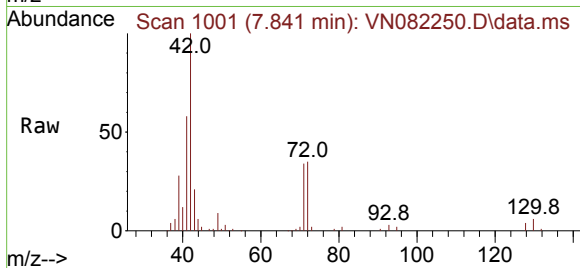
Tgt Ion: 42 Resp: 130211

Ion Ratio Lower Upper

42 100

72 35.7 39.3 58.9#

71 34.2 37.4 56.0#



#30

Chloroform

Concen: 20.317 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN082250.D

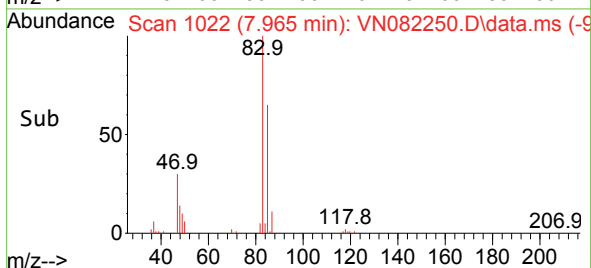
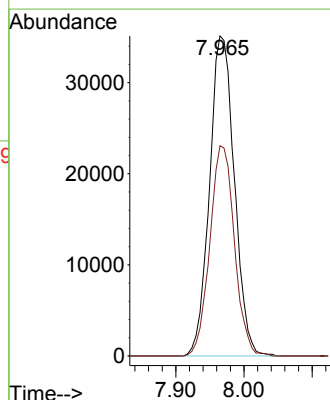
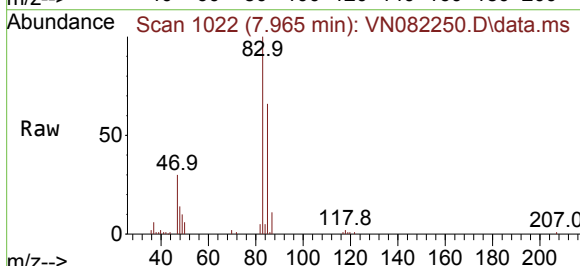
Acq: 21 May 2024 19:07

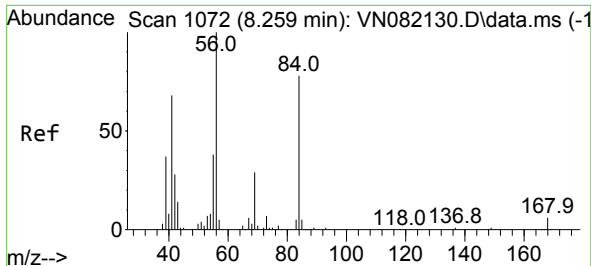
Tgt Ion: 83 Resp: 89059

Ion Ratio Lower Upper

83 100

85 65.7 50.7 76.1

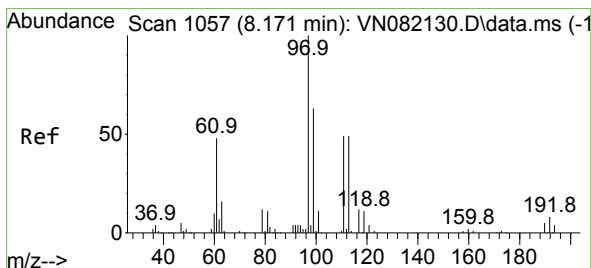
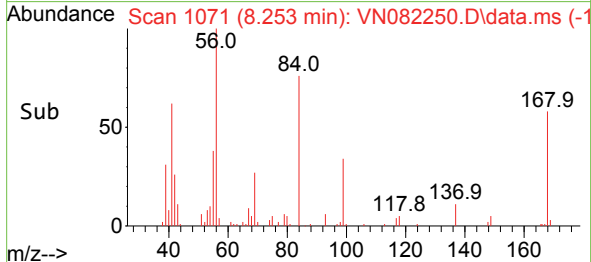
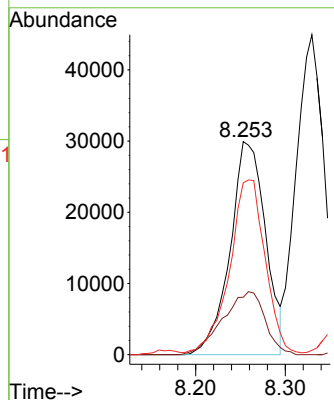
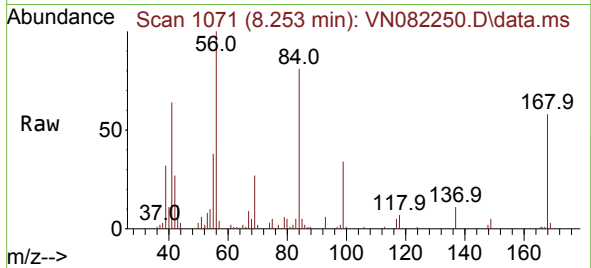




#31
Cyclohexane
Concen: 17.863 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

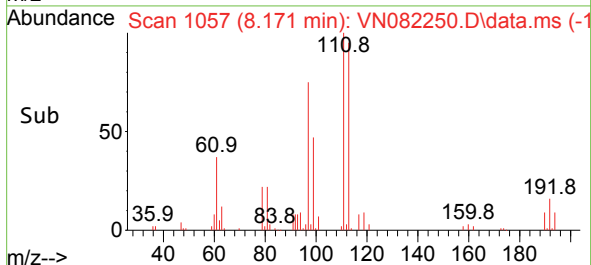
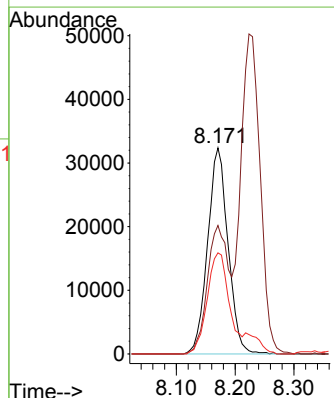
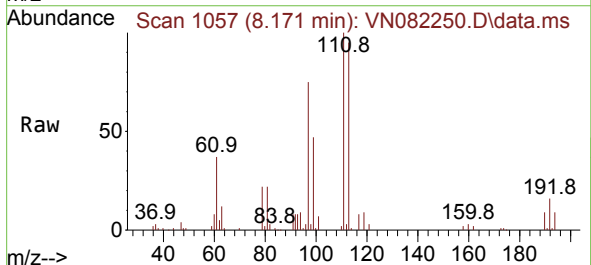
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01

Tgt Ion: 56 Resp: 82171
Ion Ratio Lower Upper
56 100
69 26.9 24.4 36.6
84 79.6 77.0 115.4



#32
1,1,1-Trichloroethane
Concen: 20.030 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

Tgt Ion: 97 Resp: 77896
Ion Ratio Lower Upper
97 100
99 64.6 50.3 75.5
61 52.9 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 49.741 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082250.D

Acq: 21 May 2024 19:07

Instrument :

MSVOA_N

ClientSampleId :

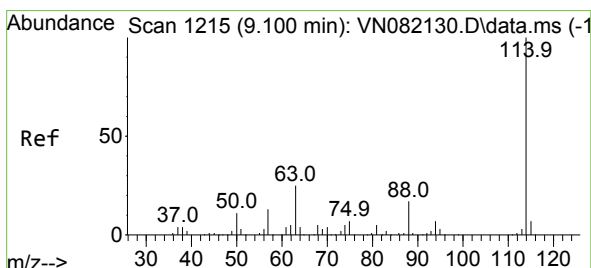
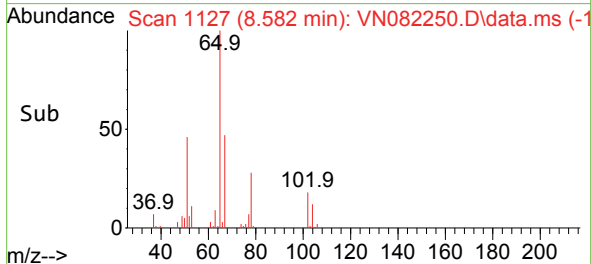
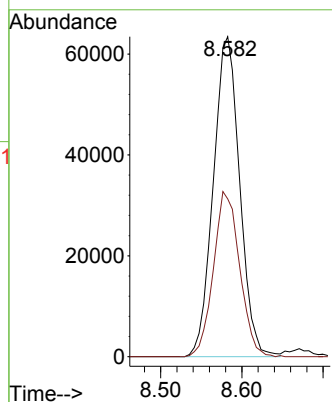
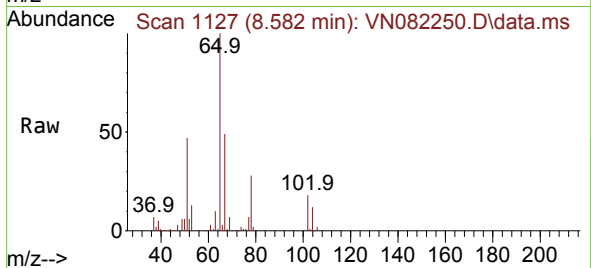
VN0521MBS01

Tgt Ion: 65 Resp: 143265

Ion Ratio Lower Upper

65 100

67 51.2 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082250.D

Acq: 21 May 2024 19:07

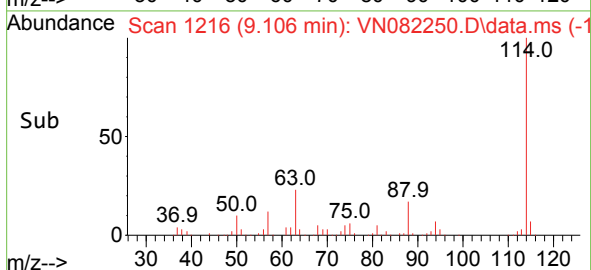
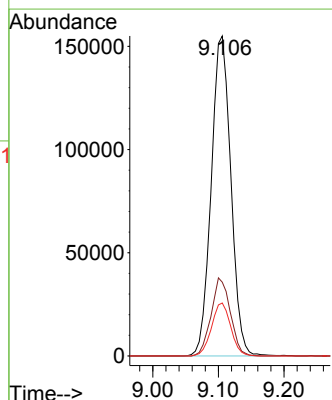
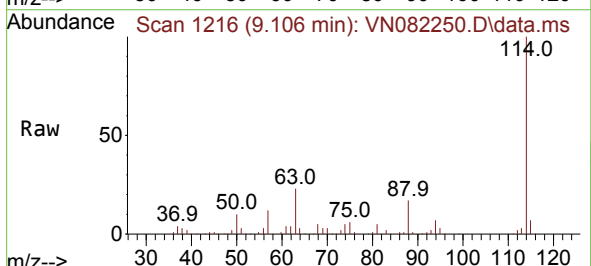
Tgt Ion: 114 Resp: 323088

Ion Ratio Lower Upper

114 100

63 23.1 0.0 41.0

88 16.5 0.0 31.4

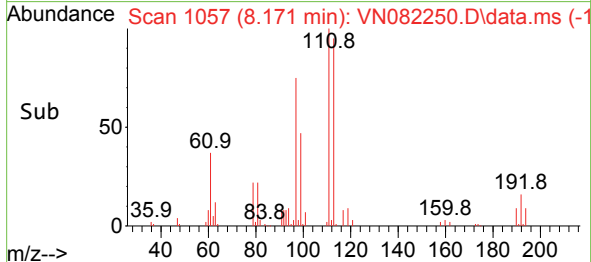
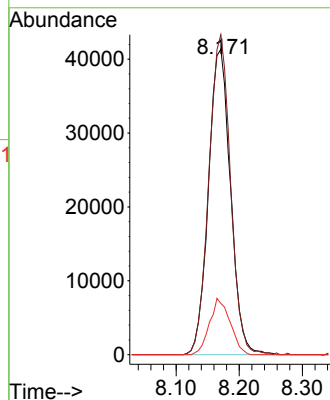
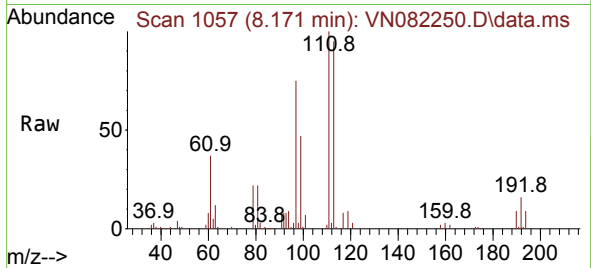




#35
Dibromofluoromethane
Concen: 50.481 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

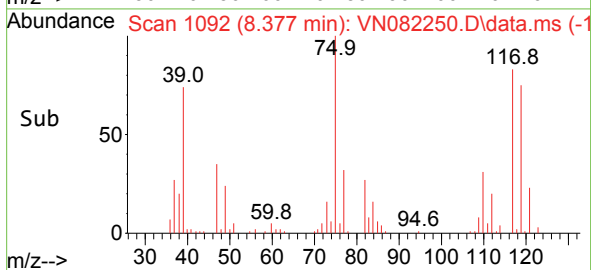
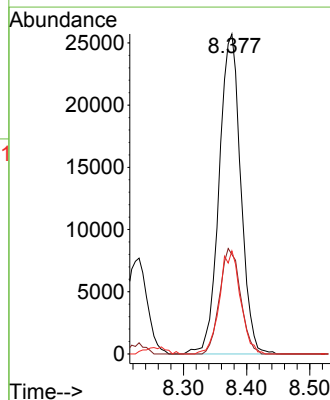
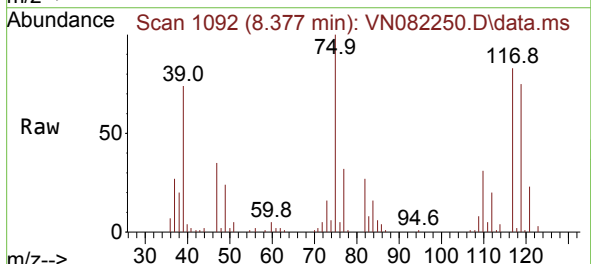
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01

Tgt Ion:113 Resp: 100331
Ion Ratio Lower Upper
113 100
111 102.6 83.4 125.2
192 17.2 14.0 21.0



#36
1,1-Dichloropropene
Concen: 18.252 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

Tgt Ion: 75 Resp: 60839
Ion Ratio Lower Upper
75 100
110 32.0 17.8 53.5
77 31.2 25.0 37.4

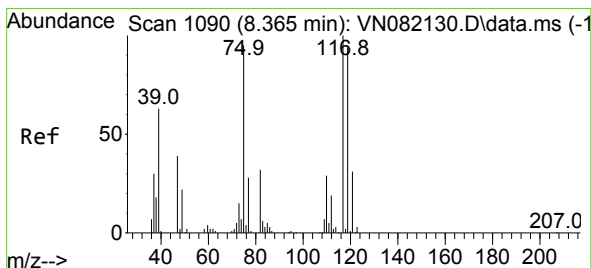
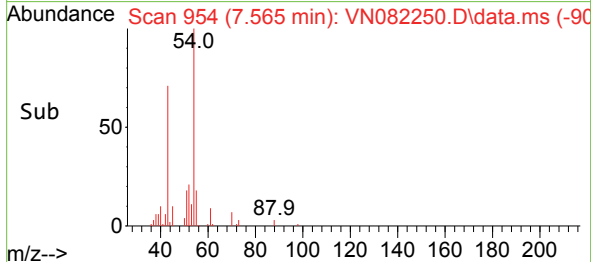
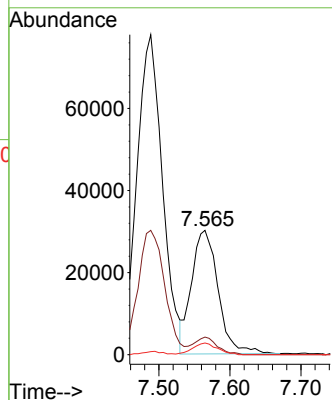
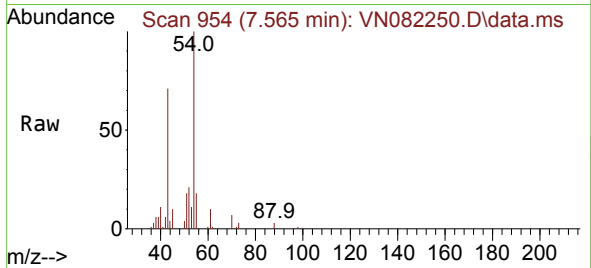




#37
Ethyl Acetate
Concen: 21.102 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

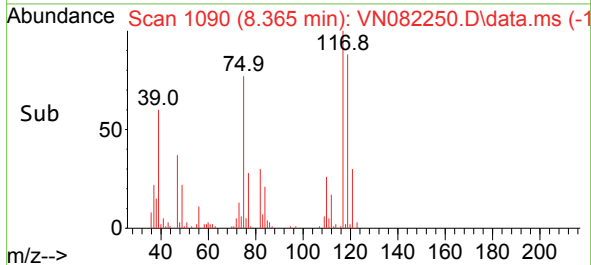
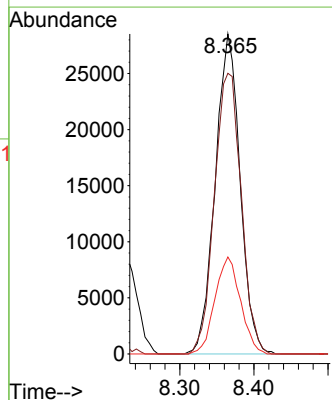
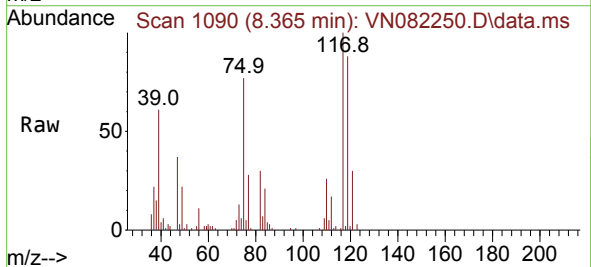
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01

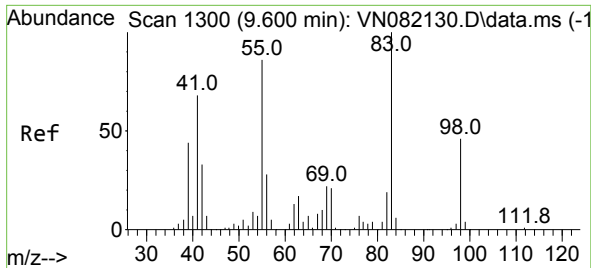
Tgt Ion: 43 Resp: 78720
Ion Ratio Lower Upper
43 100
61 11.8 11.3 16.9
70 8.7 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 19.676 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

Tgt Ion: 117 Resp: 66487
Ion Ratio Lower Upper
117 100
119 87.7 76.5 114.7
121 30.3 23.9 35.9

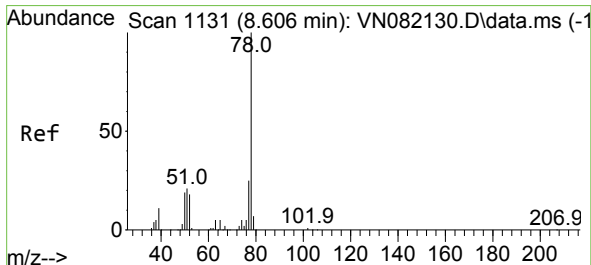
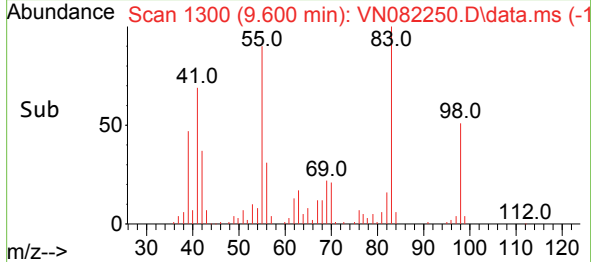
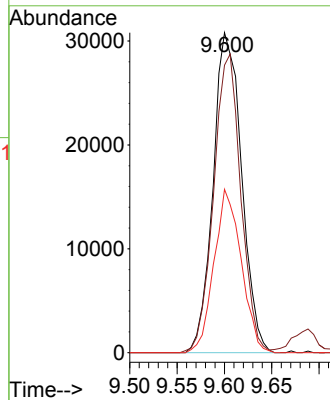
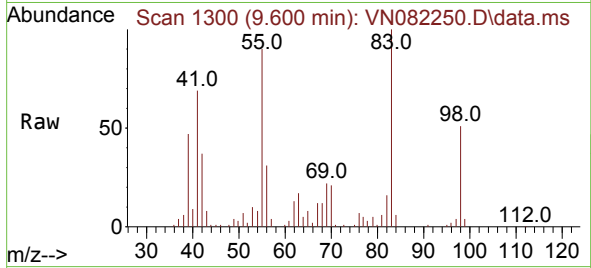




#39
Methylcyclohexane
Concen: 17.650 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. -0.000 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

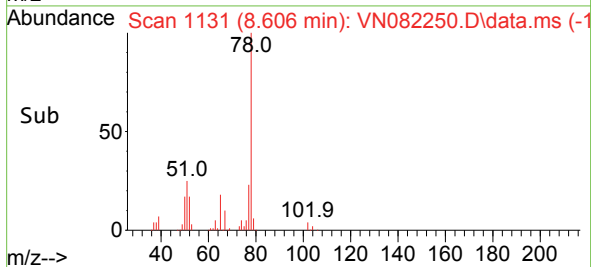
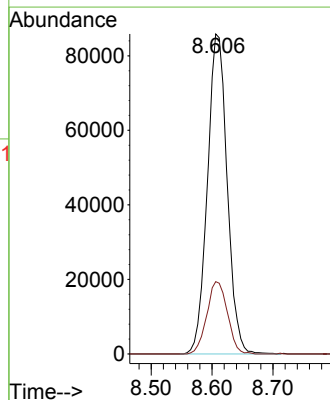
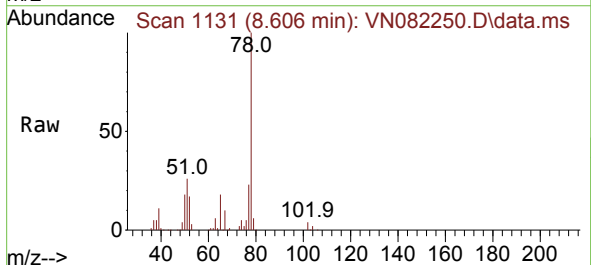
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01

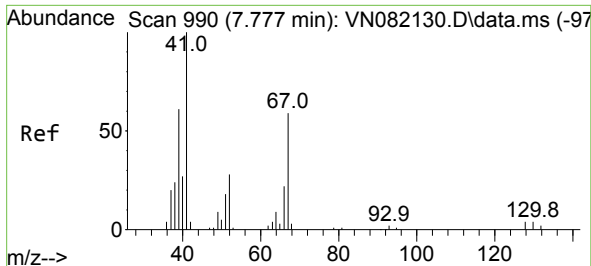
Tgt Ion: 83 Resp: 64488
Ion Ratio Lower Upper
83 100
55 89.8 53.0 79.6#
98 51.0 37.1 55.7



#40
Benzene
Concen: 19.471 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

Tgt Ion: 78 Resp: 193537
Ion Ratio Lower Upper
78 100
77 22.6 20.0 30.0

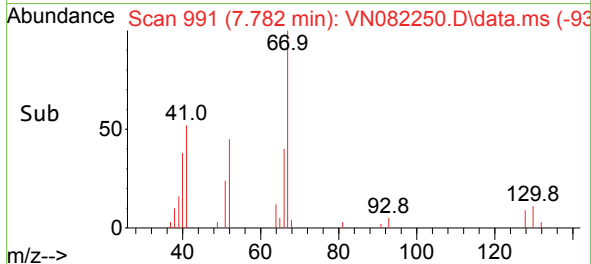
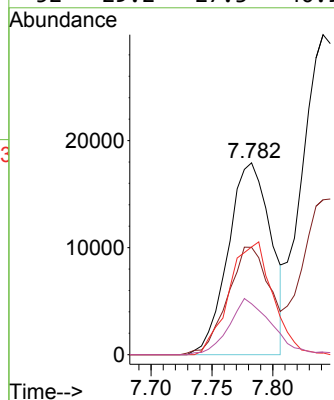
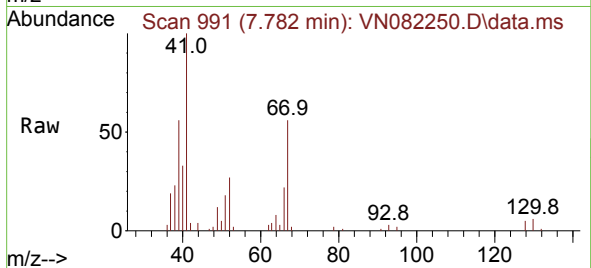




#41
Methacrylonitrile
Concen: 20.001 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

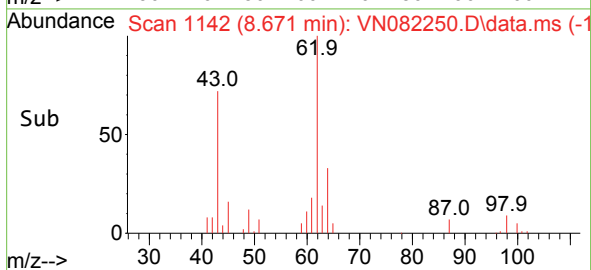
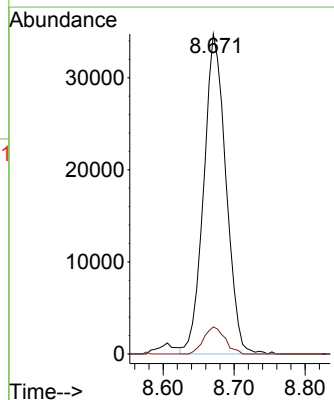
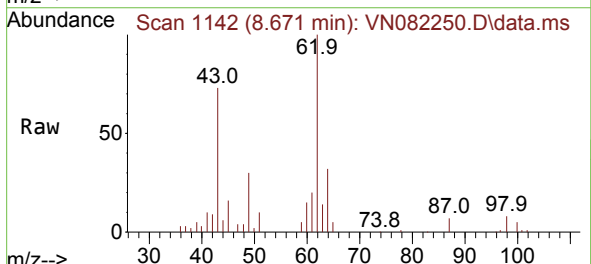
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01

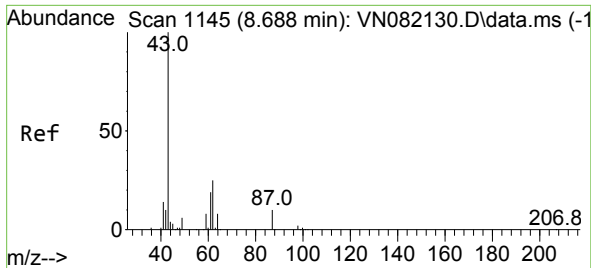
Tgt Ion:	41	Resp:	43880
Ion	Ratio	Lower	Upper
41	100		
39	55.4	46.6	69.8
67	59.7	67.3	100.9
52	29.2	27.3	40.9



#42
1,2-Dichloroethane
Concen: 19.797 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

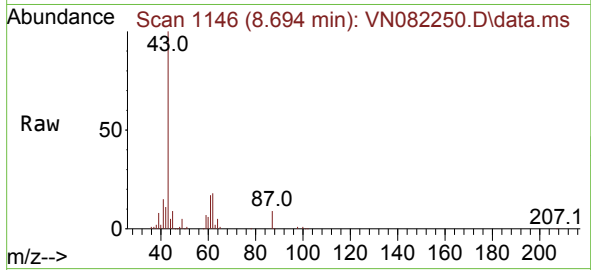
Tgt Ion:	62	Resp:	75683
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	19.6



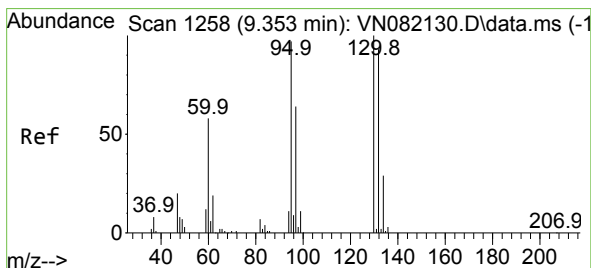
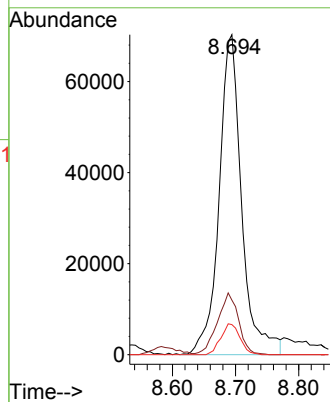
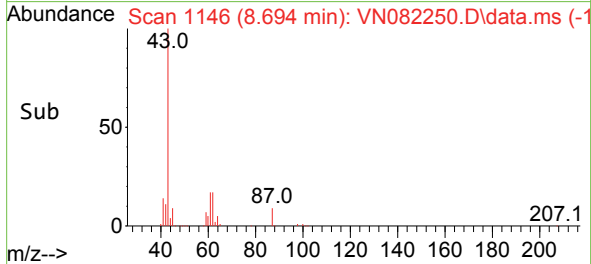


#43
Isopropyl Acetate
Concen: 26.447 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01

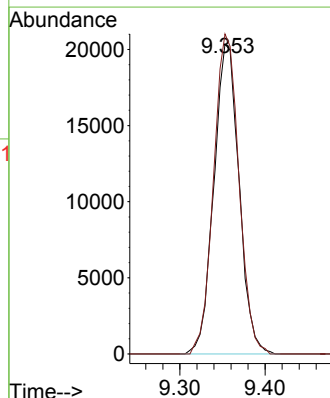
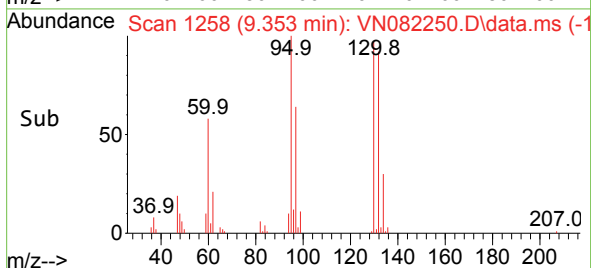
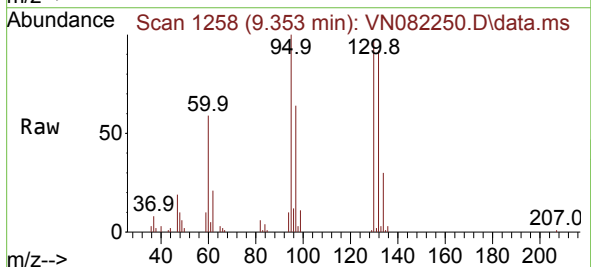


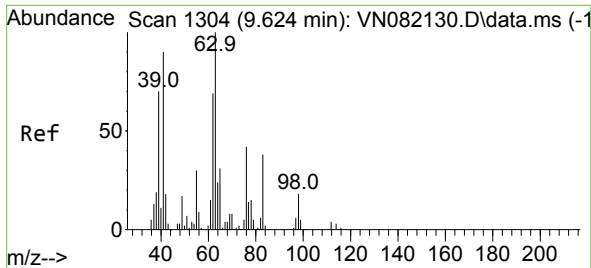
Tgt Ion: 43 Resp: 174814
Ion Ratio Lower Upper
43 100
61 18.1 22.8 34.2#
87 8.2 12.0 18.0#



#44
Trichloroethene
Concen: 18.520 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

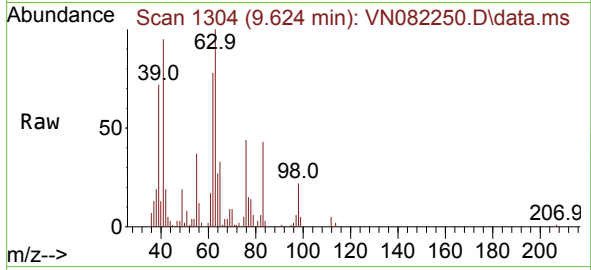
Tgt Ion:130 Resp: 41817
Ion Ratio Lower Upper
130 100
95 103.3 0.0 195.4



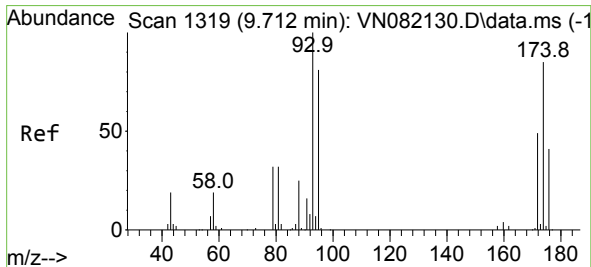
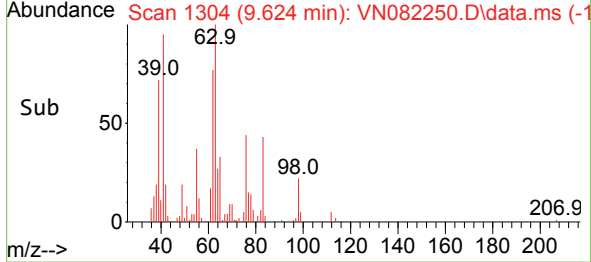
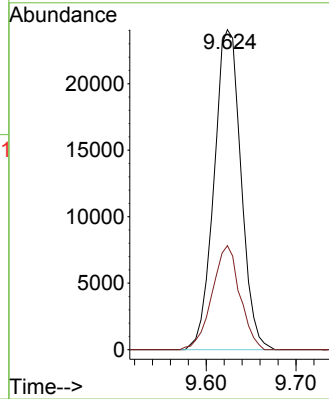


#45
1,2-Dichloropropane
Concen: 19.557 ug/l
RT: 9.624 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01

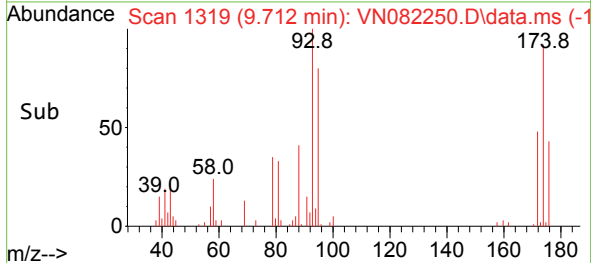
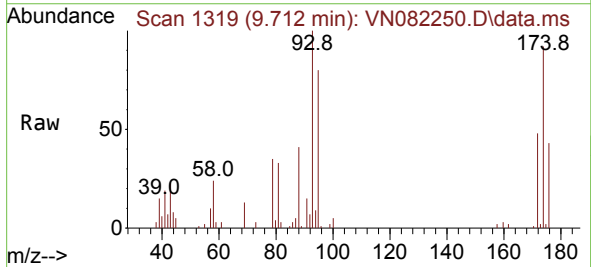
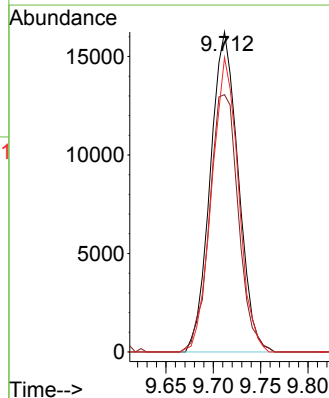


Tgt Ion: 63 Resp: 50158
Ion Ratio Lower Upper
63 100
65 32.5 24.1 36.1



#46
Dibromomethane
Concen: 19.834 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

Tgt Ion: 93 Resp: 33395
Ion Ratio Lower Upper
93 100
95 83.0 64.8 97.2
174 87.7 73.4 110.0

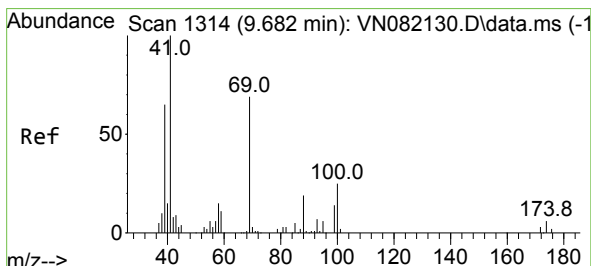
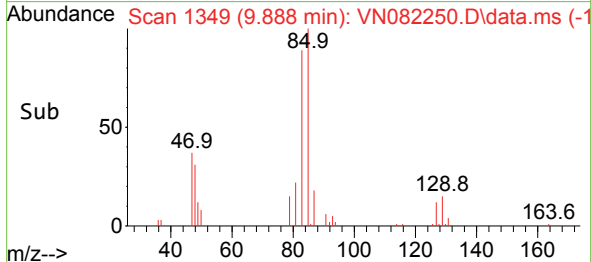
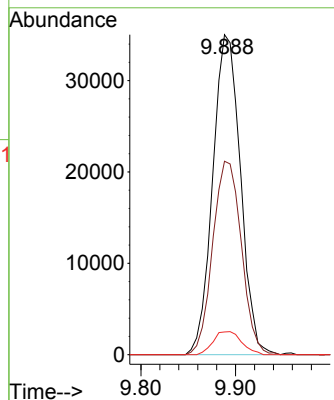
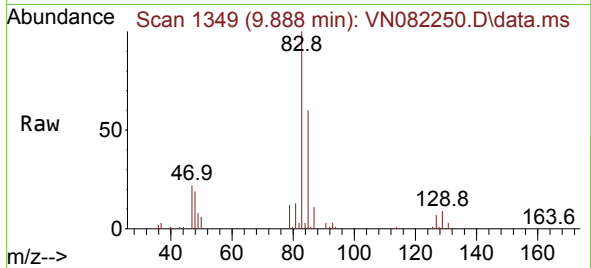




#47
Bromodichloromethane
Concen: 20.040 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

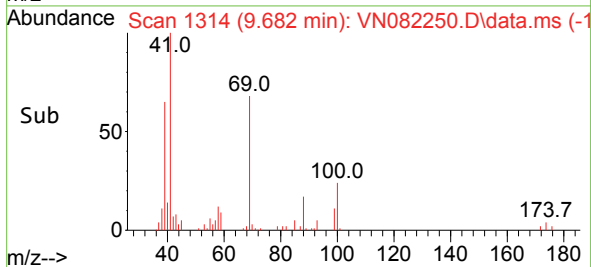
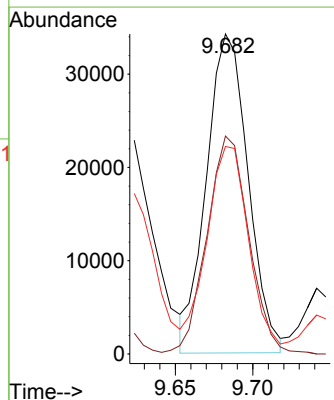
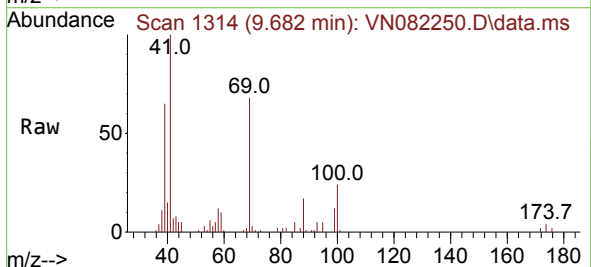
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01

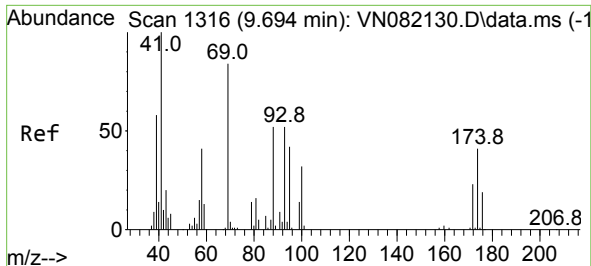
Tgt Ion: 83 Resp: 71233
Ion Ratio Lower Upper
83 100
85 60.5 51.9 77.9
127 7.1 7.5 11.3#



#48
Methyl methacrylate
Concen: 20.312 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

Tgt Ion: 41 Resp: 63977
Ion Ratio Lower Upper
41 100
69 68.9 77.9 116.9#
39 66.2 50.9 76.3





#49

1,4-Dioxane

Concen: 484.370 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082250.D

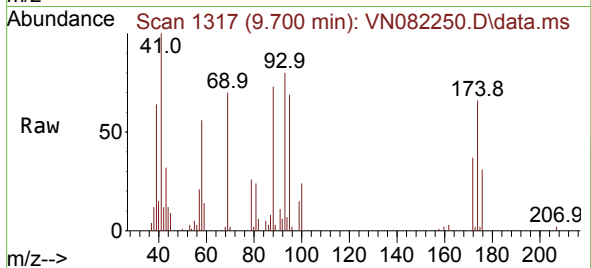
Acq: 21 May 2024 19:07

Instrument :

MSVOA_N

ClientSampleId :

VN0521MBS01



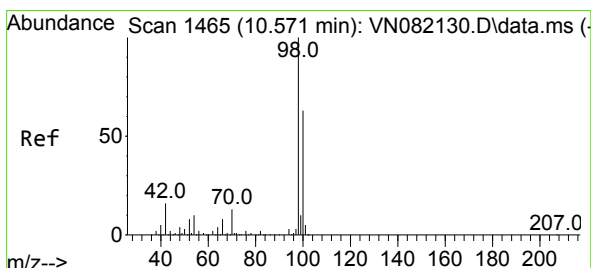
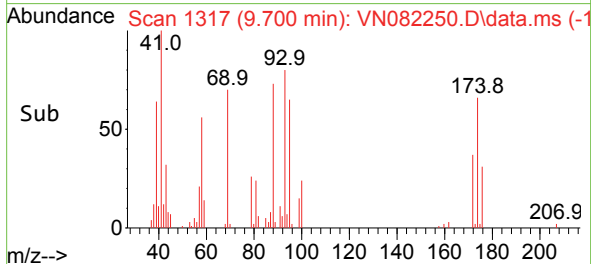
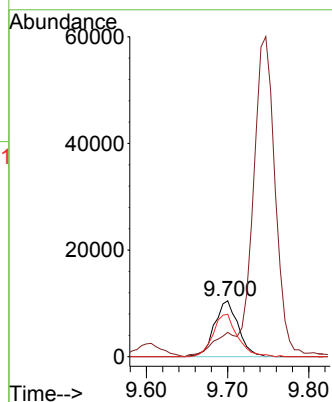
Tgt Ion: 88 Resp: 21378

Ion Ratio Lower Upper

88 100

43 0.0 19.0 28.6#

58 78.0 50.6 76.0#



#50

Toluene-d8

Concen: 48.722 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN082250.D

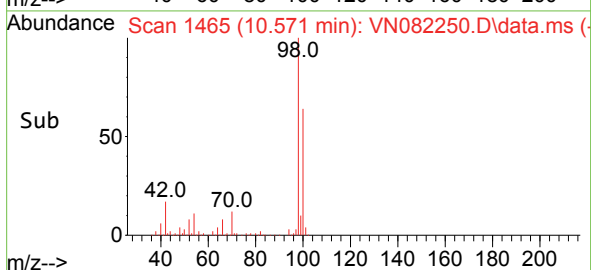
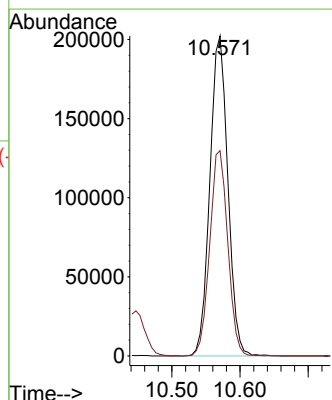
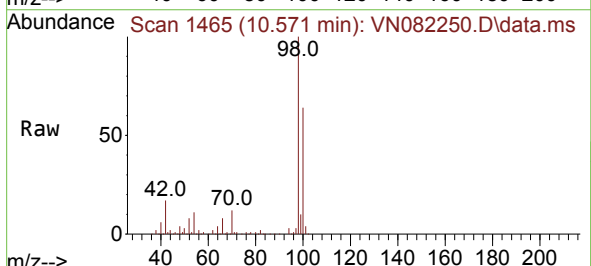
Acq: 21 May 2024 19:07

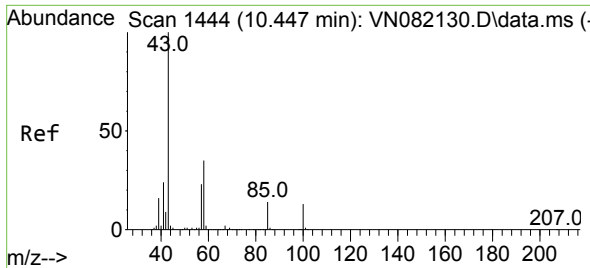
Tgt Ion: 98 Resp: 371258

Ion Ratio Lower Upper

98 100

100 64.5 51.8 77.6

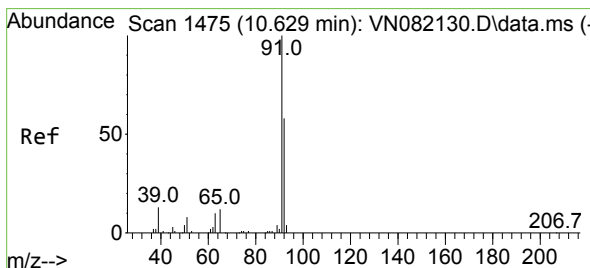
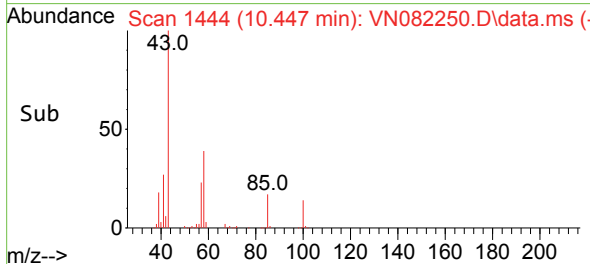
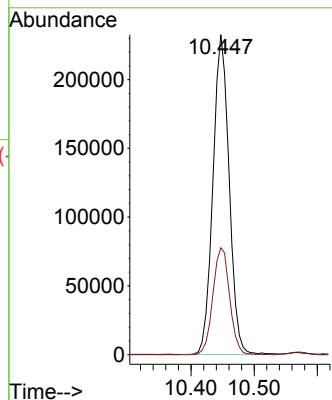
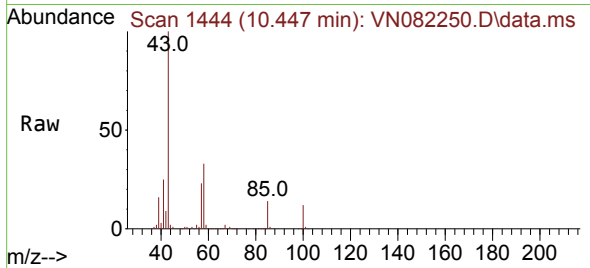




#51
4-Methyl-2-Pentanone
Concen: 110.132 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

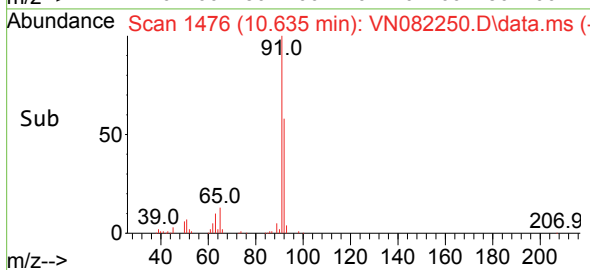
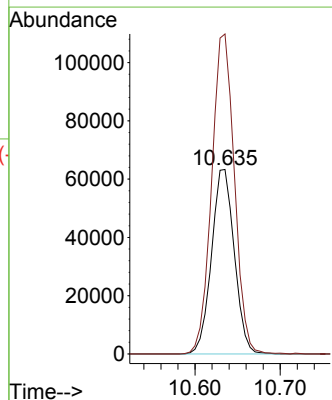
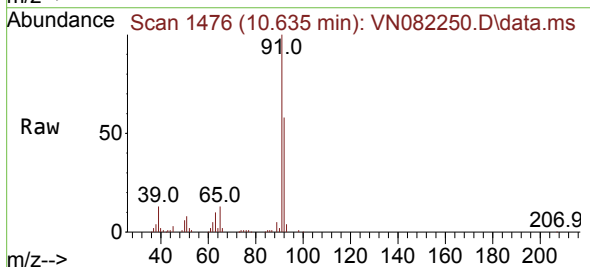
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01

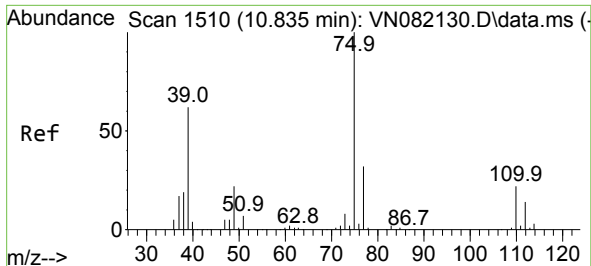
Tgt Ion: 43 Resp: 413613
Ion Ratio Lower Upper
43 100
58 34.6 33.2 49.8



#52
Toluene
Concen: 19.690 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

Tgt Ion: 92 Resp: 117452
Ion Ratio Lower Upper
92 100
91 173.3 136.7 205.1

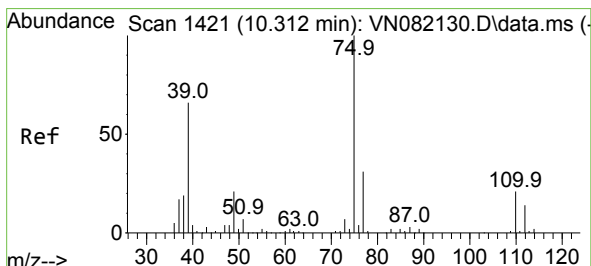
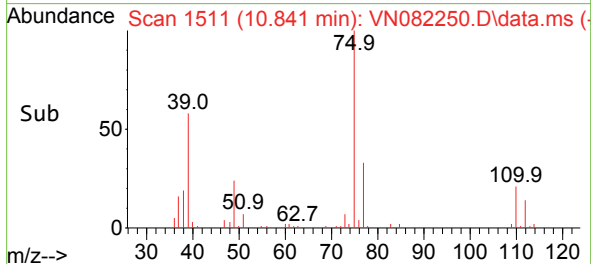
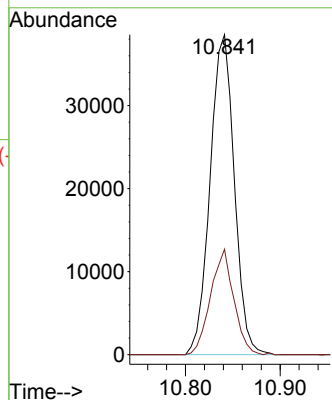
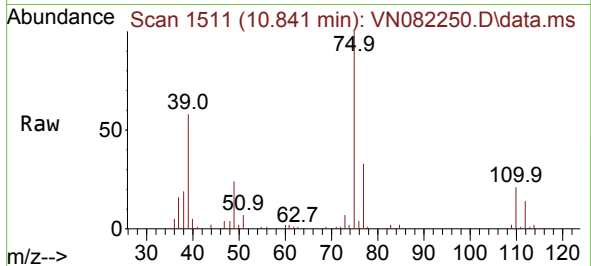




#53
 t-1,3-Dichloropropene
 Concen: 18.657 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.006 min
 Lab File: VN082250.D
 Acq: 21 May 2024 19:07

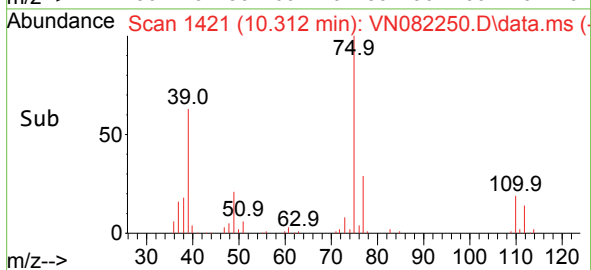
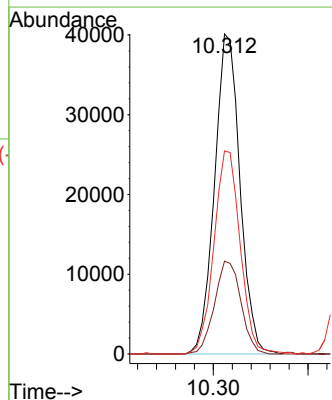
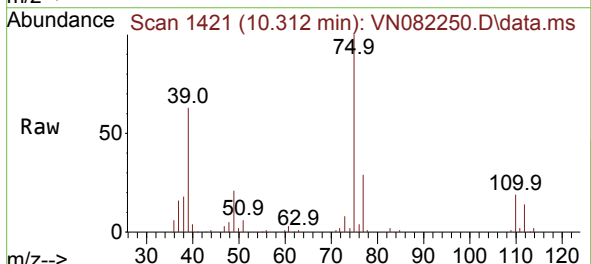
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521MBS01

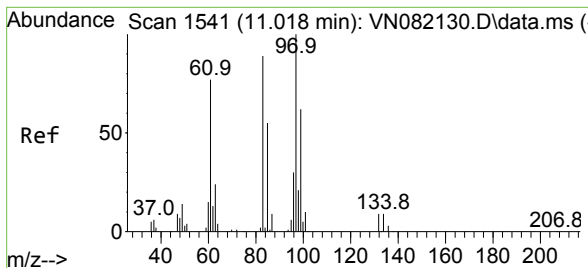
Tgt Ion: 75 Resp: 68588
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 19.230 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN082250.D
 Acq: 21 May 2024 19:07

Tgt Ion: 75 Resp: 74830
 Ion Ratio Lower Upper
 75 100
 77 29.0 25.0 37.4
 39 63.4 34.8 52.2#

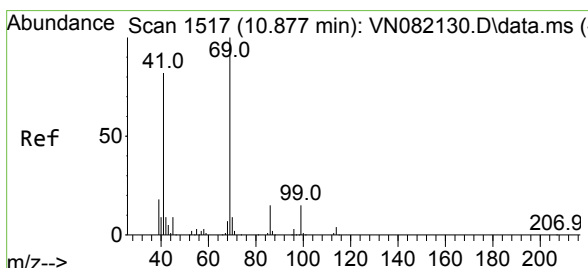
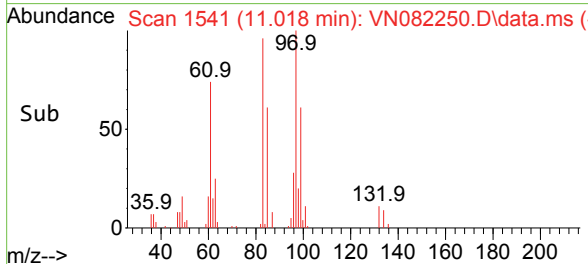
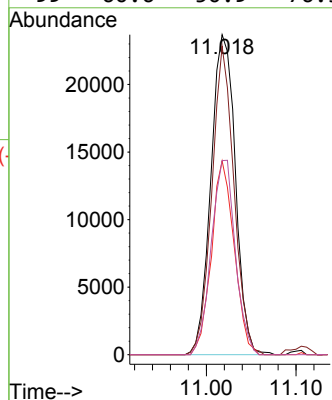
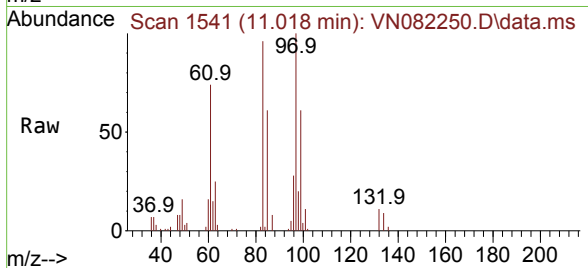




#55
1,1,2-Trichloroethane
Concen: 20.659 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

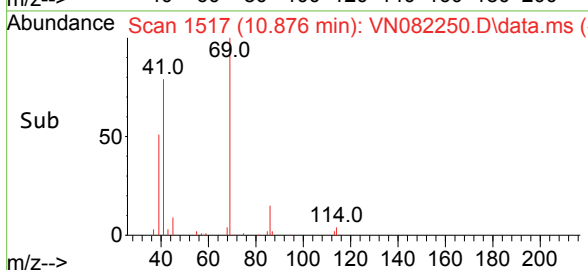
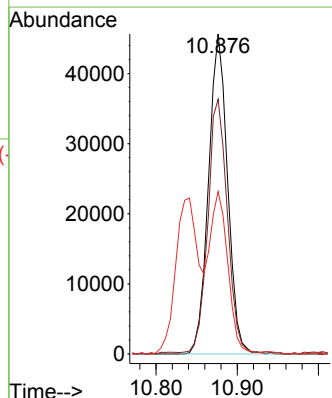
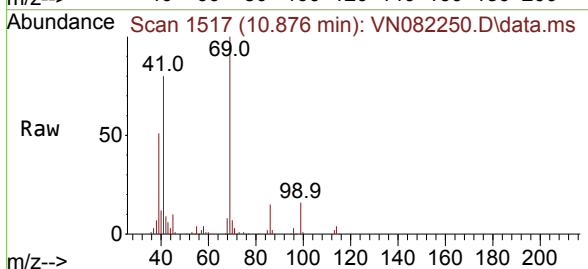
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01

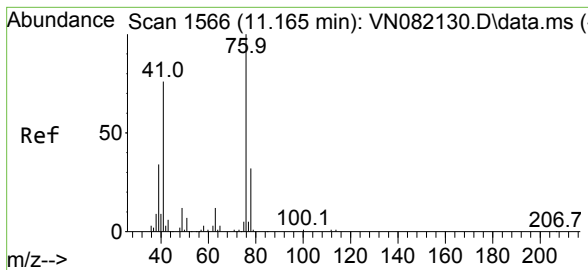
Tgt Ion:	97	Resp:	44784
Ion	Ratio	Lower	Upper
97	100		
83	96.4	70.4	105.6
85	60.6	45.6	68.4
99	60.6	50.9	76.3



#56
Ethyl methacrylate
Concen: 20.193 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

Tgt Ion:	69	Resp:	74316
Ion	Ratio	Lower	Upper
69	100		
41	80.3	46.6	70.0#
39	47.6	26.5	39.7#

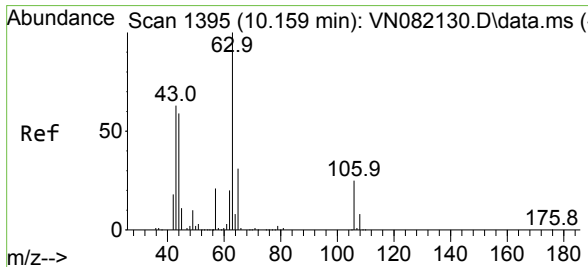
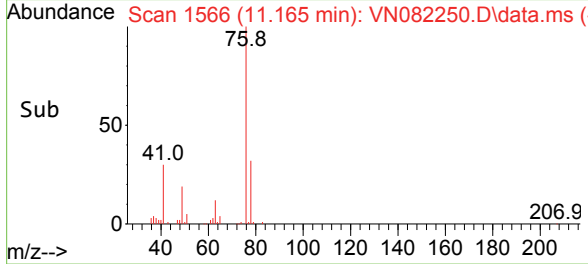
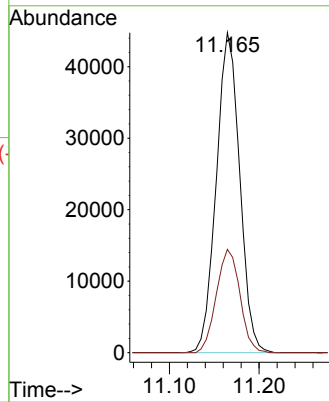
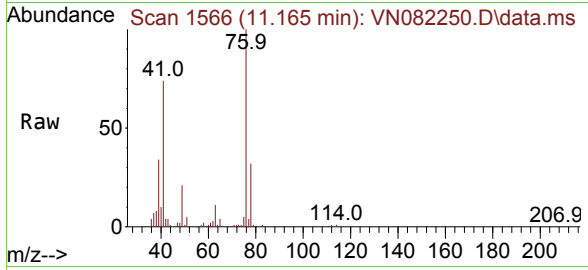




#57
1,3-Dichloropropane
Concen: 19.968 ug/l
RT: 11.165 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

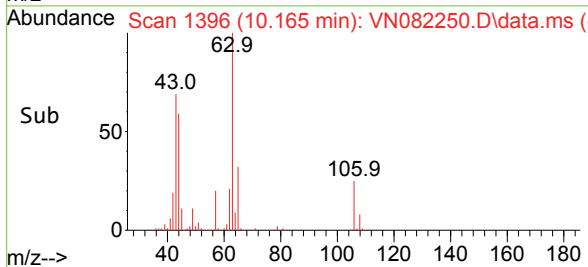
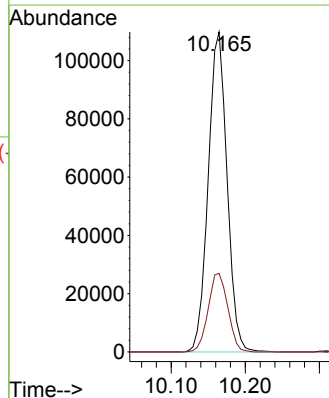
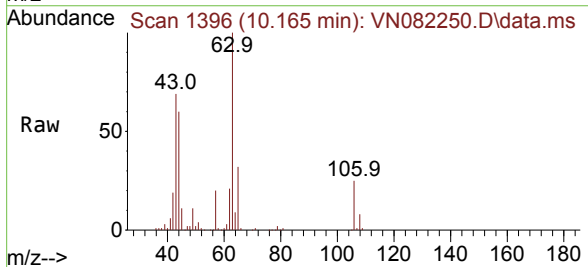
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01

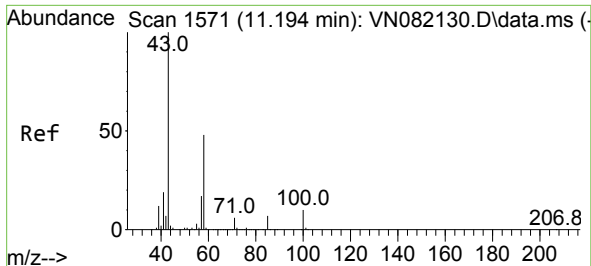
Tgt Ion: 76 Resp: 80931
Ion Ratio Lower Upper
76 100
78 32.5 25.8 38.6



#58
2-Chloroethyl Vinyl ether
Concen: 101.994 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

Tgt Ion: 63 Resp: 193620
Ion Ratio Lower Upper
63 100
106 25.7 24.6 36.8

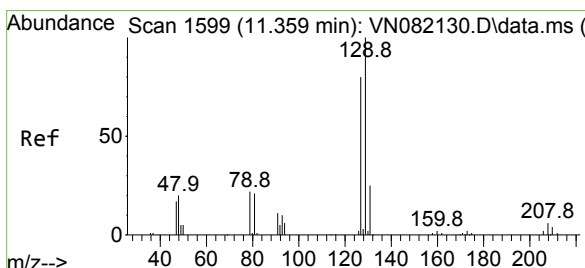
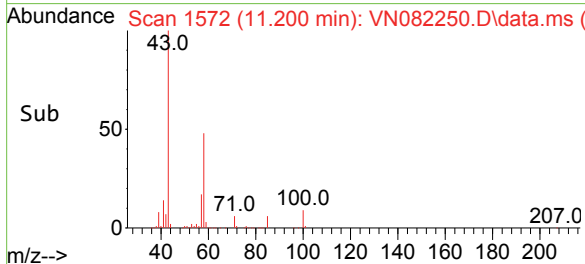
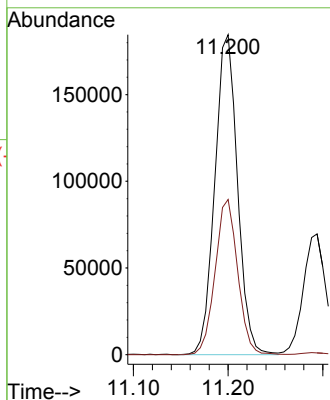
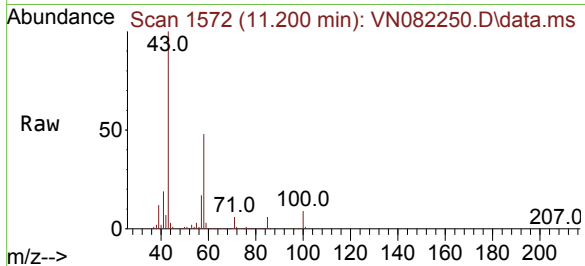




#59
2-Hexanone
Concen: 111.840 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

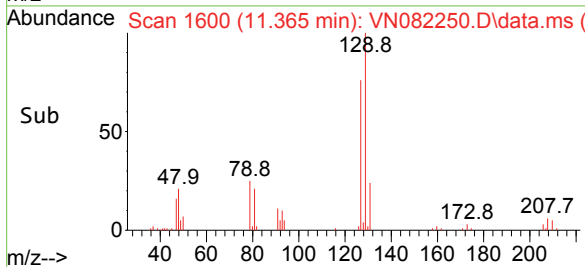
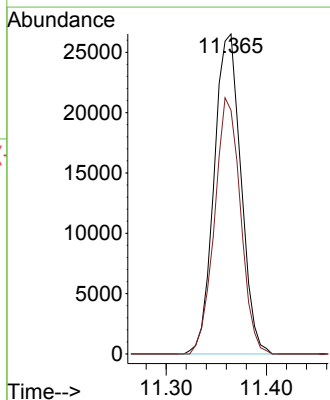
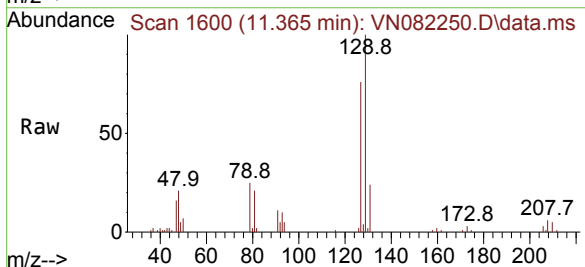
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01

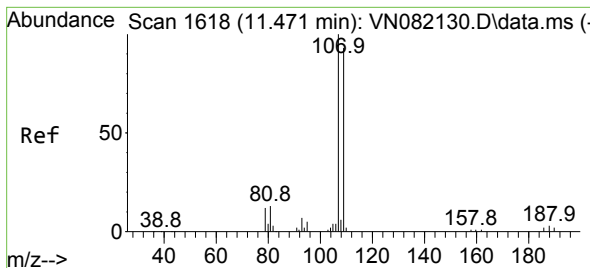
Tgt Ion: 43 Resp: 307546
Ion Ratio Lower Upper
43 100
58 48.2 28.3 84.9



#60
Dibromochloromethane
Concen: 20.606 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

Tgt Ion: 129 Resp: 49295
Ion Ratio Lower Upper
129 100
127 77.3 38.3 114.8

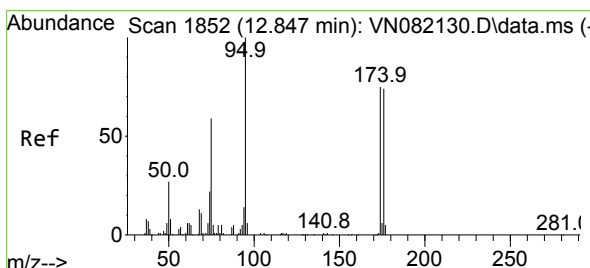
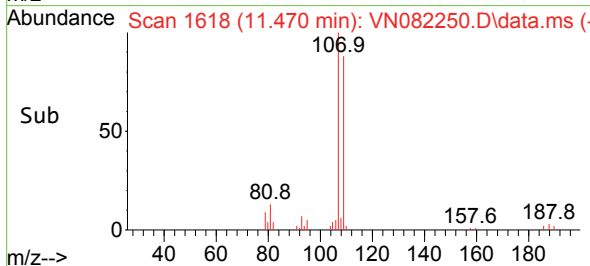
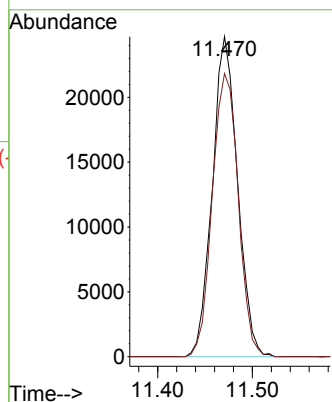
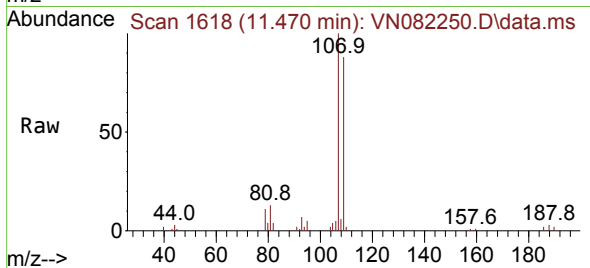




#61
1,2-Dibromoethane
Concen: 20.491 ug/l
RT: 11.470 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

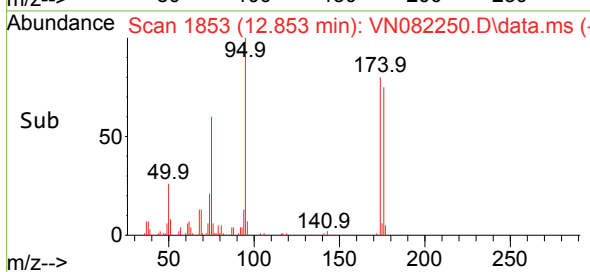
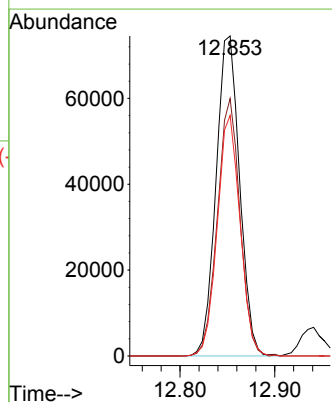
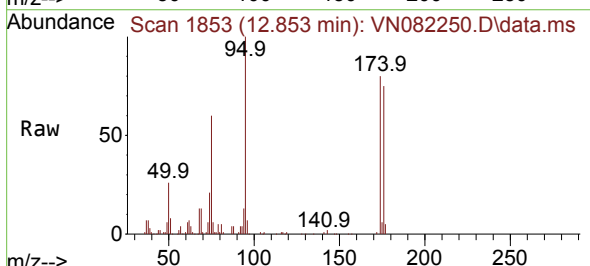
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01

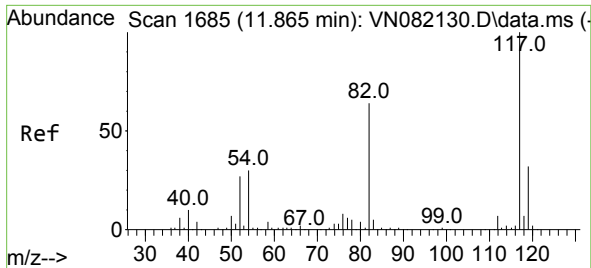
Tgt Ion:107 Resp: 45625
Ion Ratio Lower Upper
107 100
109 91.0 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 47.462 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

Tgt Ion: 95 Resp: 129083
Ion Ratio Lower Upper
95 100
174 76.9 0.0 160.6
176 72.6 0.0 152.8

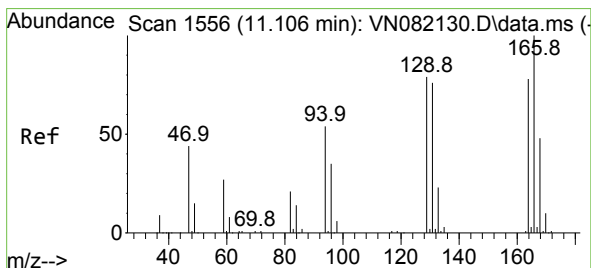
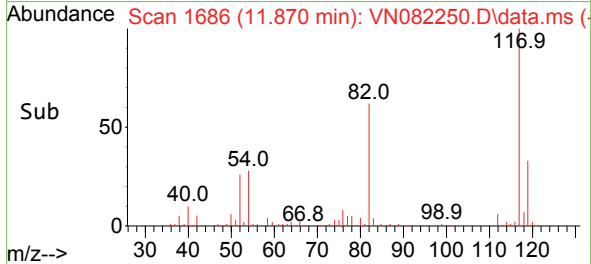
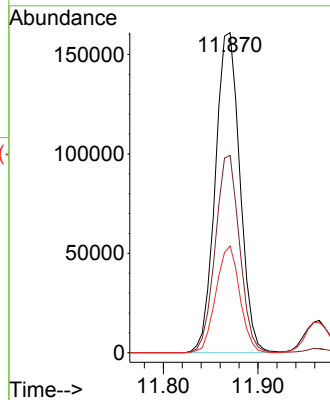
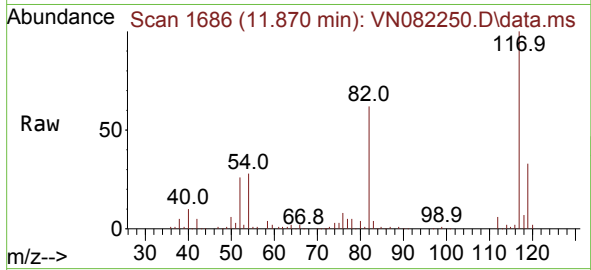




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

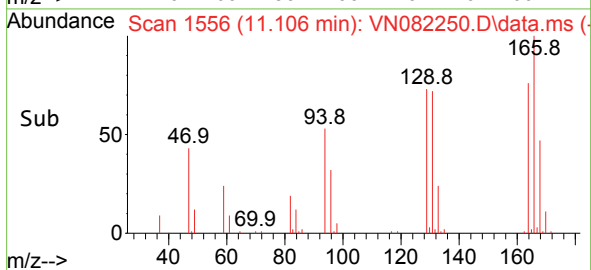
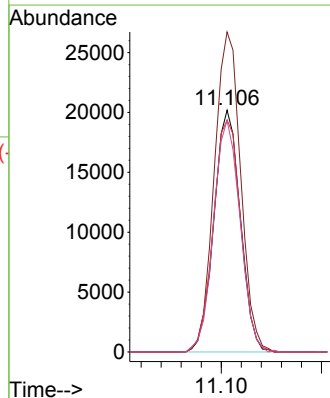
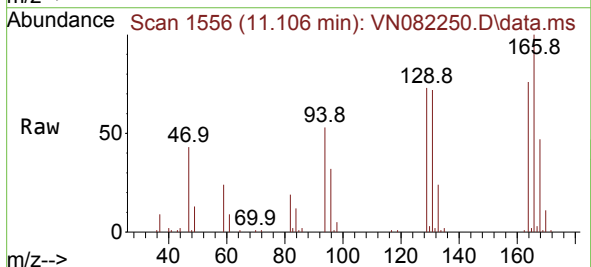
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01

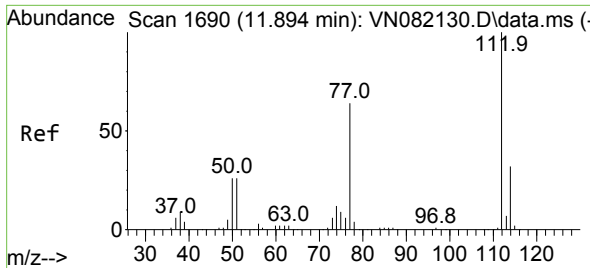
Tgt Ion:117 Resp: 290770
Ion Ratio Lower Upper
117 100
82 61.6 44.6 66.8
119 33.3 25.9 38.9



#64
Tetrachloroethene
Concen: 17.079 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

Tgt Ion:164 Resp: 36808
Ion Ratio Lower Upper
164 100
166 132.3 97.6 146.4
129 96.0 73.7 110.5
131 95.8 75.8 113.6

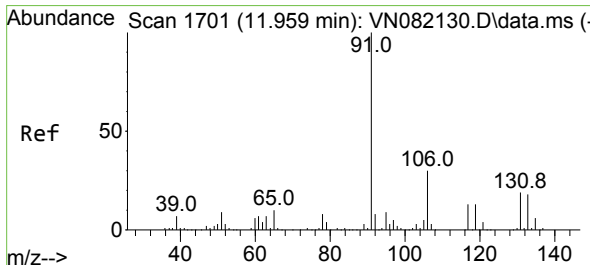
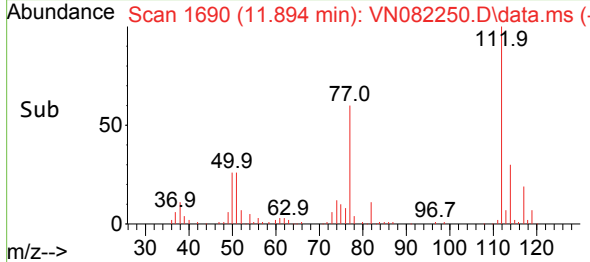
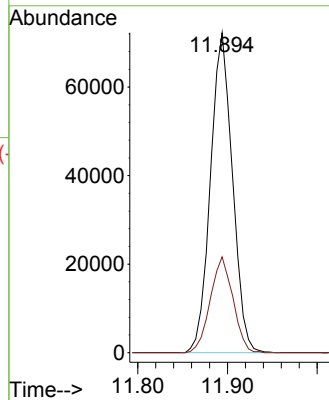
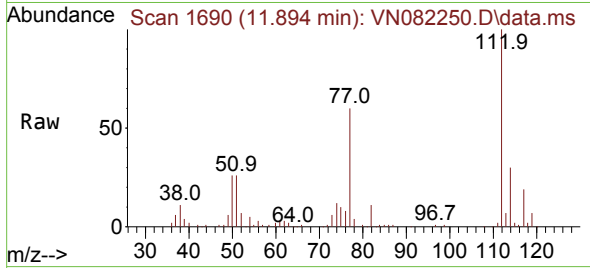




#65
Chlorobenzene
Concen: 19.141 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. -0.000 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

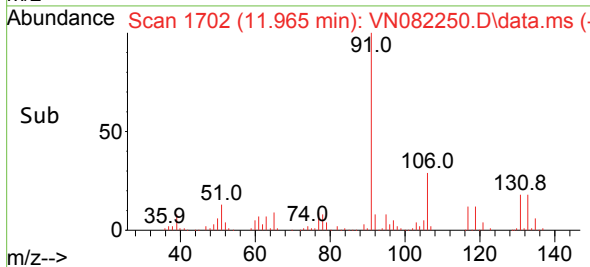
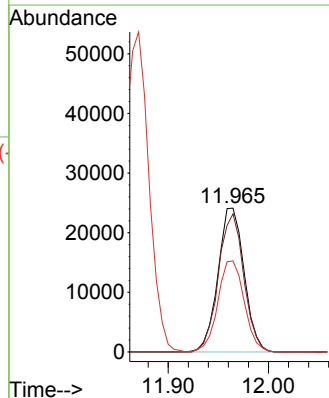
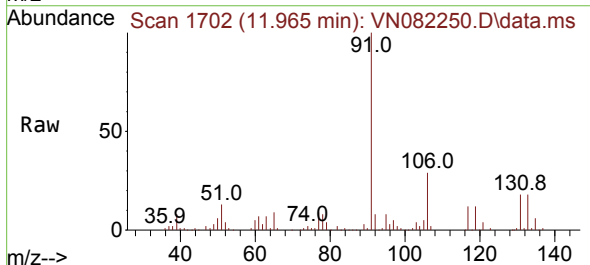
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01

Tgt Ion:112 Resp: 122952
Ion Ratio Lower Upper
112 100
114 29.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.650 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

Tgt Ion:131 Resp: 43693
Ion Ratio Lower Upper
131 100
133 93.2 47.5 142.6
119 63.8 32.9 98.7

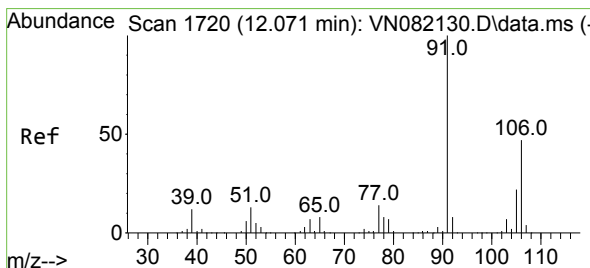
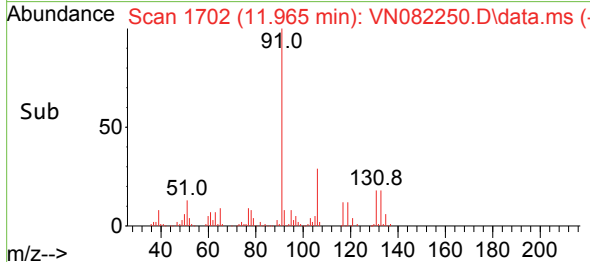
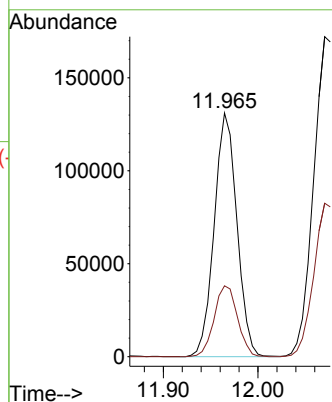
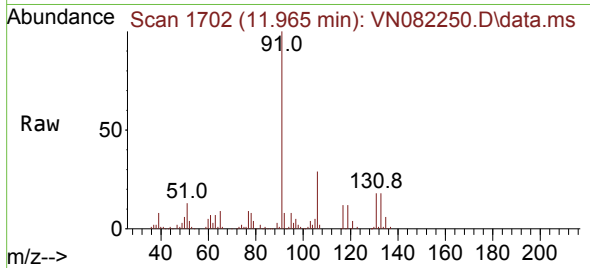




#67
Ethyl Benzene
Concen: 18.998 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

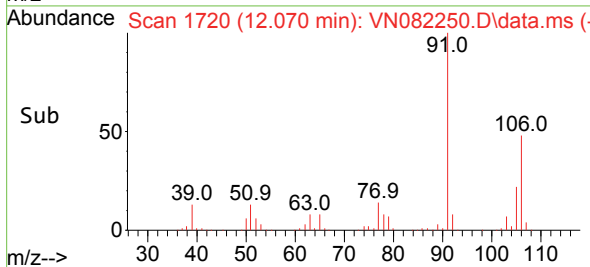
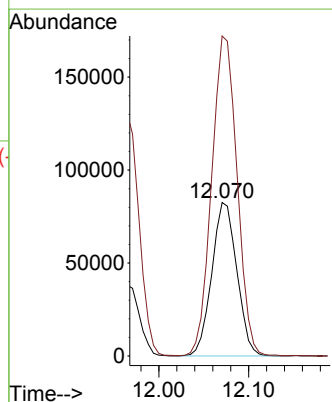
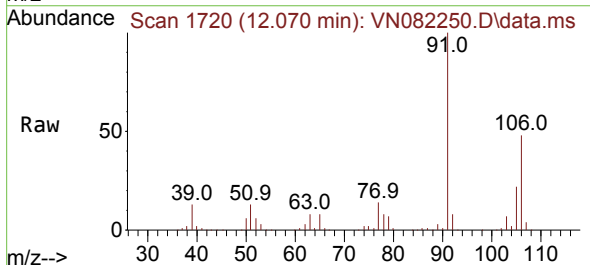
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01

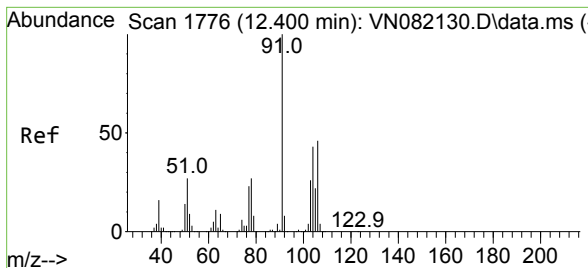
Tgt Ion: 91 Resp: 218297
Ion Ratio Lower Upper
91 100
106 29.1 25.3 37.9



#68
m/p-Xylenes
Concen: 37.956 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

Tgt Ion:106 Resp: 159851
Ion Ratio Lower Upper
106 100
91 211.3 159.4 239.0

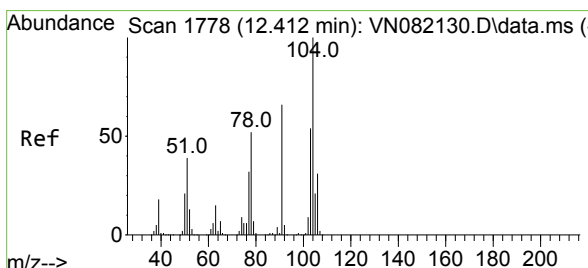
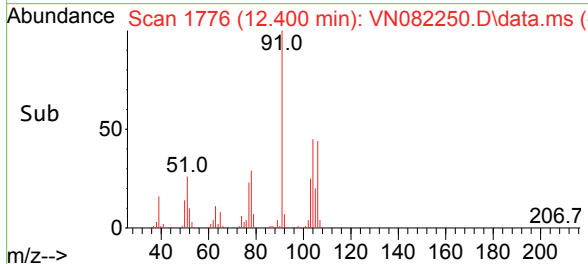
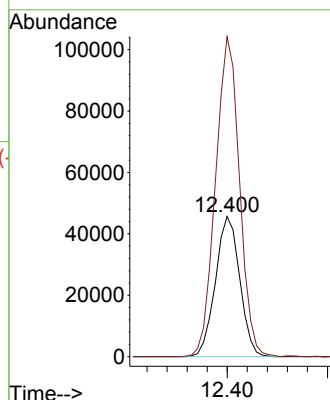
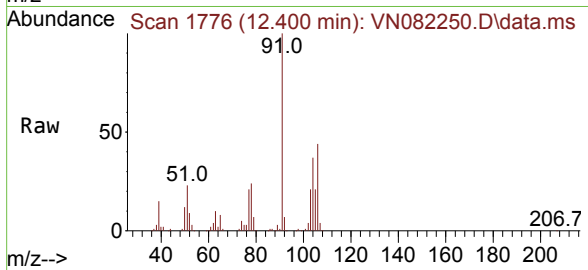




#69
o-Xylene
Concen: 18.789 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

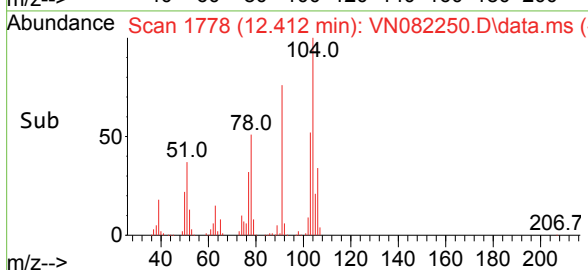
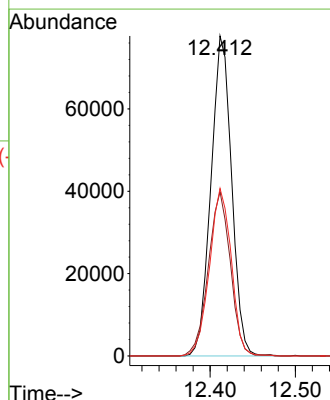
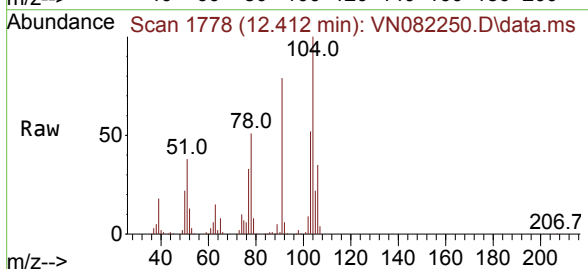
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01

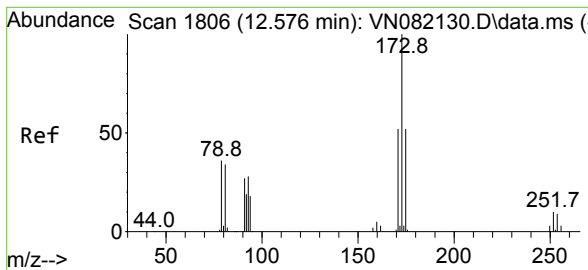
Tgt Ion:106 Resp: 76648
Ion Ratio Lower Upper
106 100
91 225.4 104.7 314.1



#70
Styrene
Concen: 19.345 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

Tgt Ion:104 Resp: 131082
Ion Ratio Lower Upper
104 100
78 54.8 38.6 58.0
103 55.3 43.8 65.6

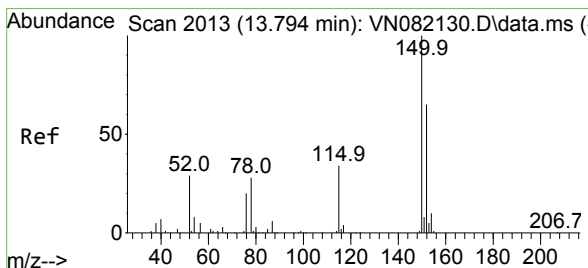
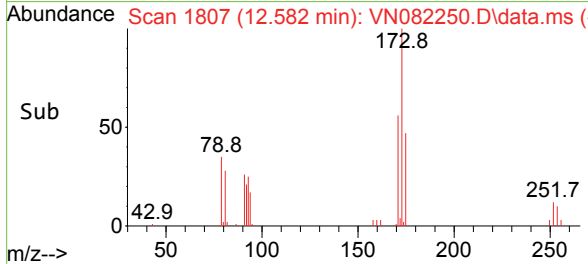
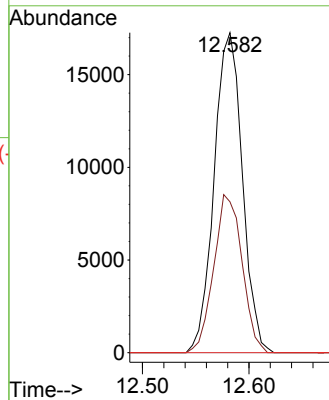
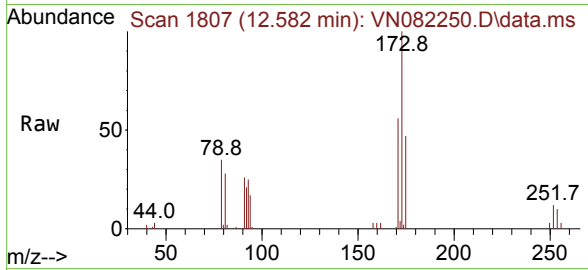




#71
Bromoform
Concen: 19.303 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

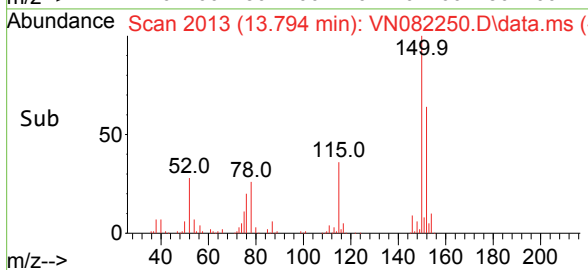
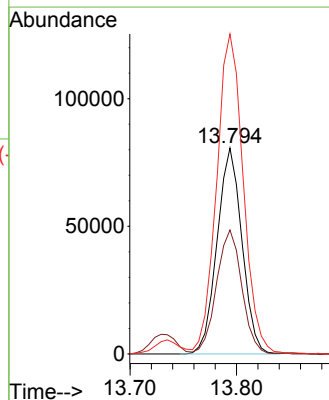
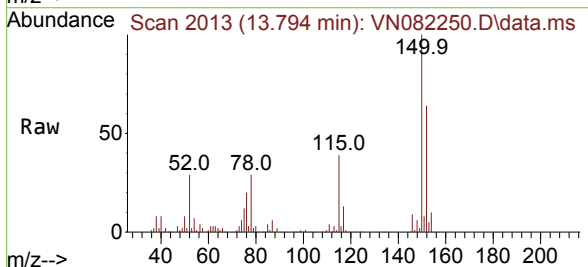
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01

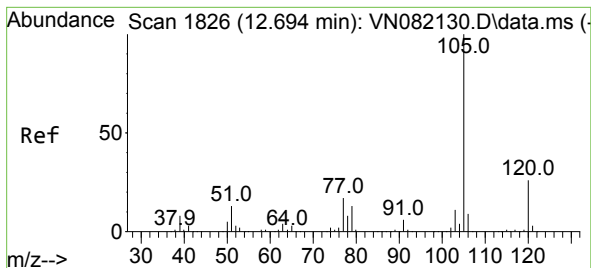
Tgt Ion:173 Resp: 31750
Ion Ratio Lower Upper
173 100
175 49.5 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

Tgt Ion:152 Resp: 130666
Ion Ratio Lower Upper
152 100
115 61.4 30.4 91.3
150 166.6 0.0 353.2





#73

Isopropylbenzene

Concen: 19.089 ug/l

RT: 12.700 min Scan# 1826

Delta R.T. 0.006 min

Lab File: VN082250.D

Acq: 21 May 2024 19:07

Instrument :

MSVOA_N

ClientSampleId :

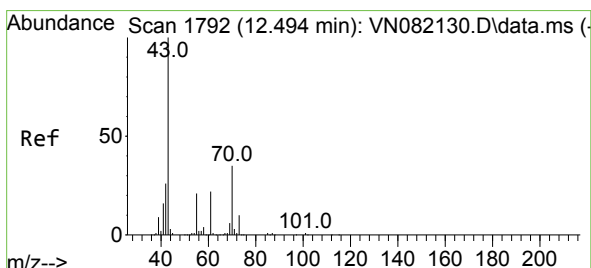
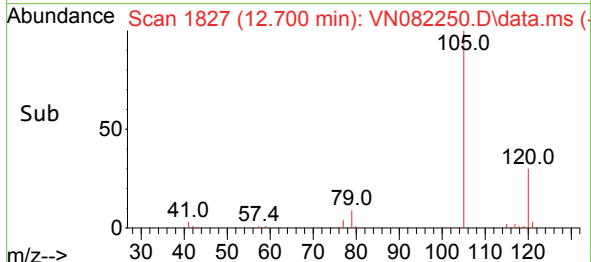
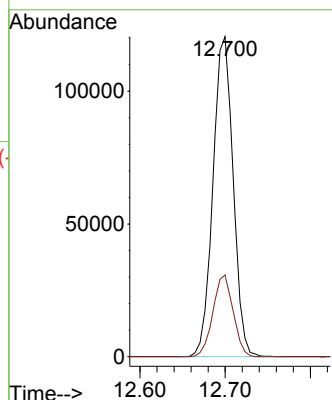
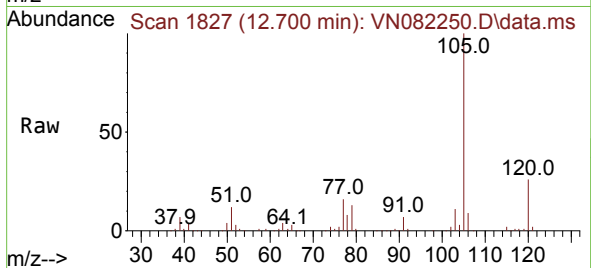
VN0521MBS01

Tgt Ion:105 Resp: 198155

Ion Ratio Lower Upper

105 100

120 25.5 13.4 40.1



#74

N-ethyl acetate

Concen: 20.833 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN082250.D

Acq: 21 May 2024 19:07

Tgt Ion: 43 Resp: 118954

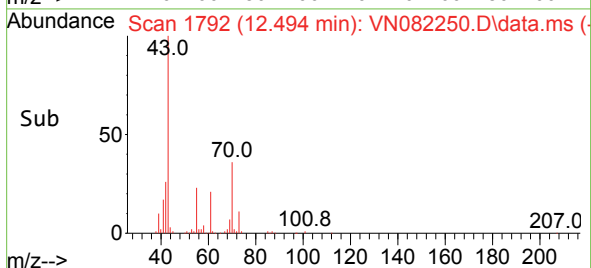
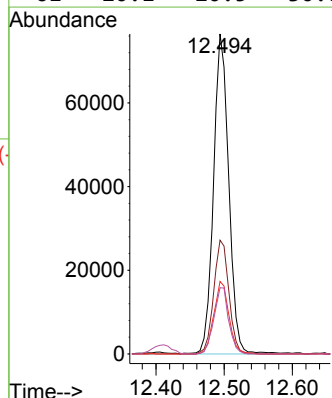
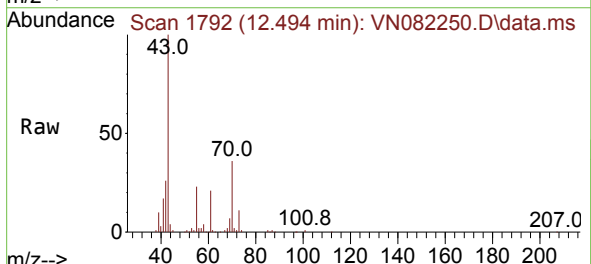
Ion Ratio Lower Upper

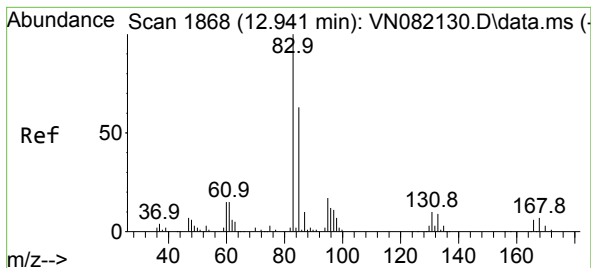
43 100

70 35.5 39.0 58.4#

55 22.5 21.3 31.9

61 20.1 20.5 30.7#





#75

1,1,2,2-Tetrachloroethane

Concen: 21.936 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN082250.D

Acq: 21 May 2024 19:07

Instrument :

MSVOA_N

ClientSampleId :

VN0521MBS01

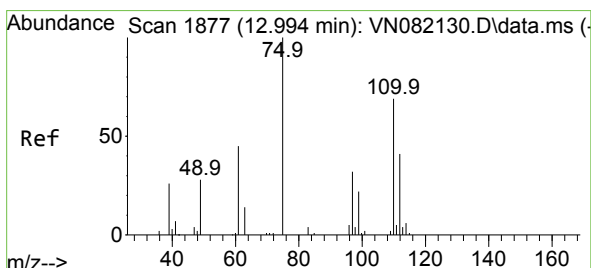
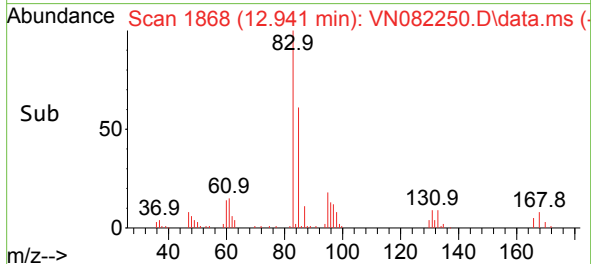
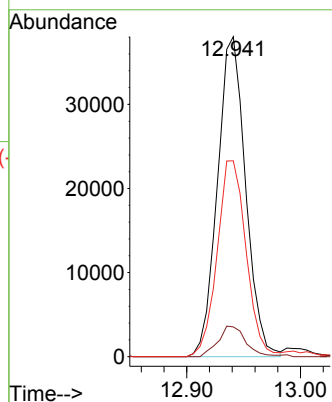
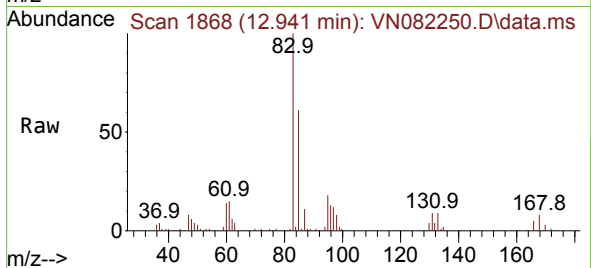
Tgt Ion: 83 Resp: 65640

Ion Ratio Lower Upper

83 100

131 9.5 5.5 16.4

85 62.8 32.9 98.6



#76

1,2,3-Trichloropropane

Concen: 31.168 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN082250.D

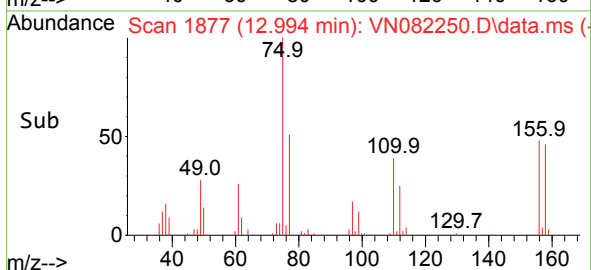
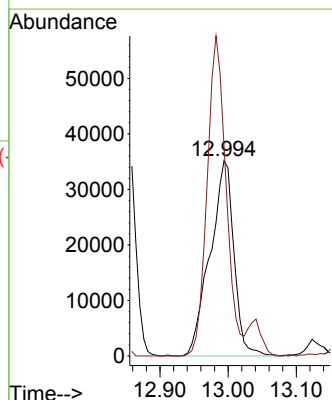
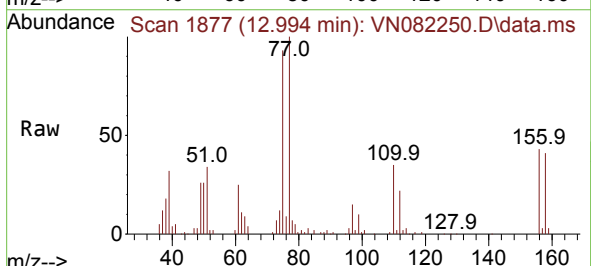
Acq: 21 May 2024 19:07

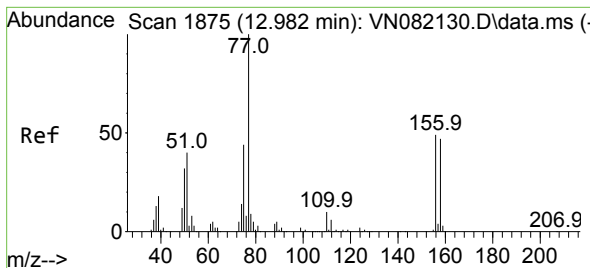
Tgt Ion: 75 Resp: 85720

Ion Ratio Lower Upper

75 100

77 130.3 90.5 271.3





#77

Bromobenzene

Concen: 19.467 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN082250.D

Acq: 21 May 2024 19:07

Instrument :

MSVOA_N

ClientSampleId :

VN0521MBS01

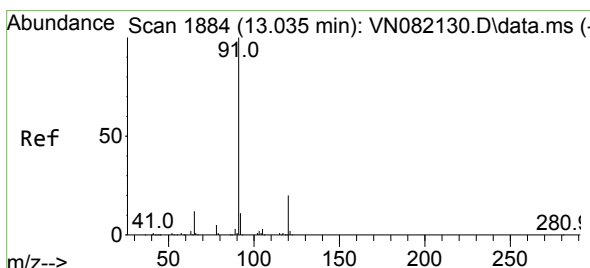
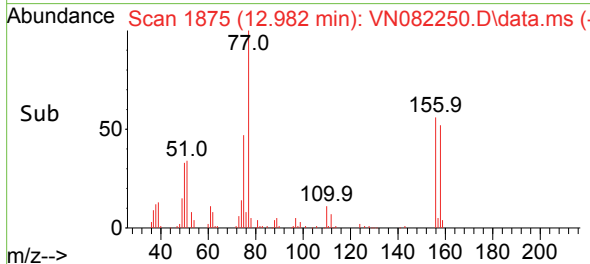
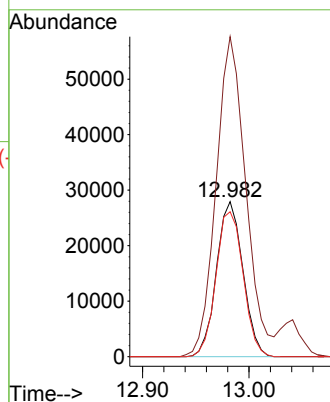
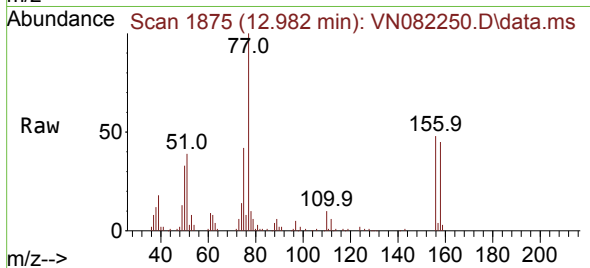
Tgt Ion:156 Resp: 48159

Ion Ratio Lower Upper

156 100

77 231.9 100.2 300.6

158 96.2 49.1 147.3



#78

n-propylbenzene

Concen: 19.115 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN082250.D

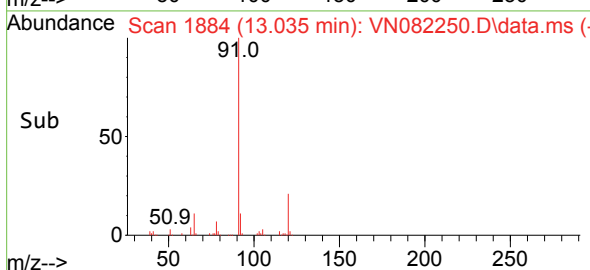
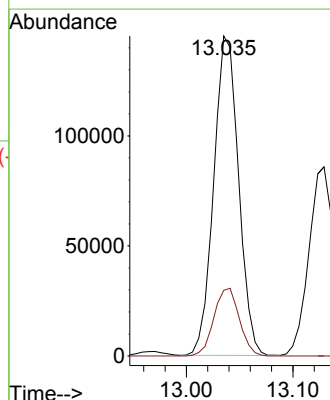
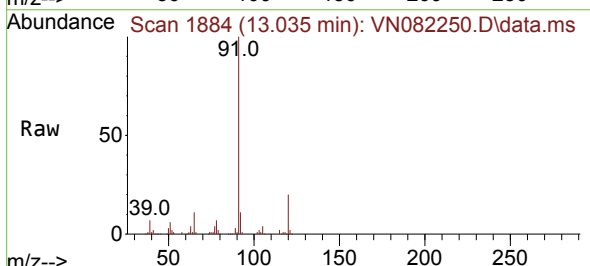
Acq: 21 May 2024 19:07

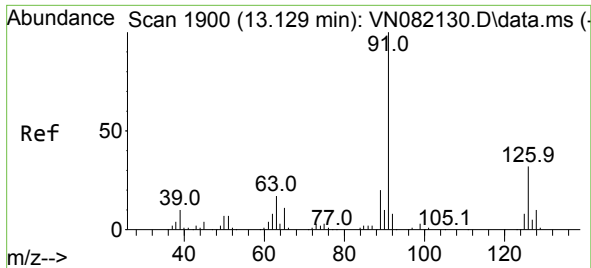
Tgt Ion: 91 Resp: 234970

Ion Ratio Lower Upper

91 100

120 21.6 11.7 35.0

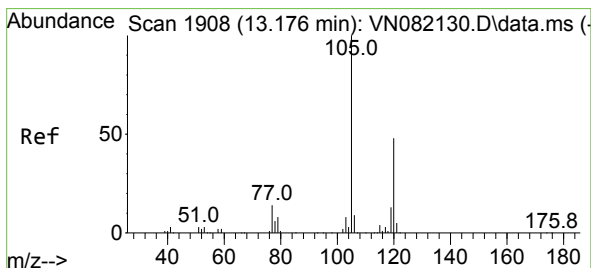
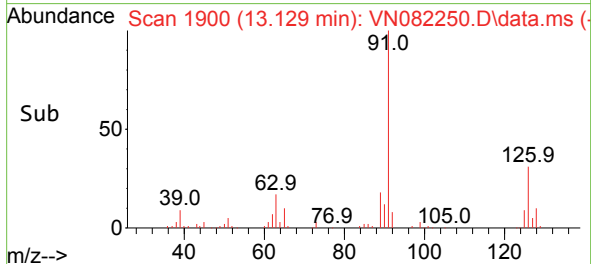
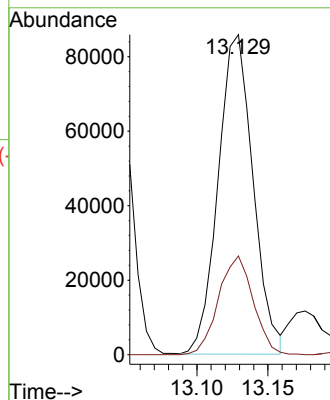
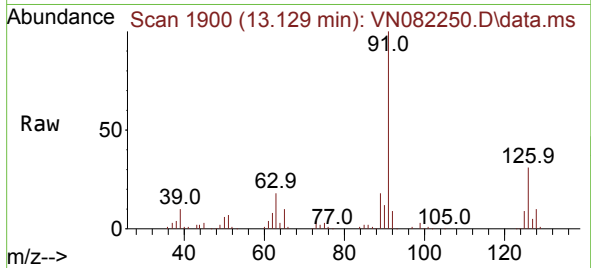




#79
2-Chlorotoluene
Concen: 19.021 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

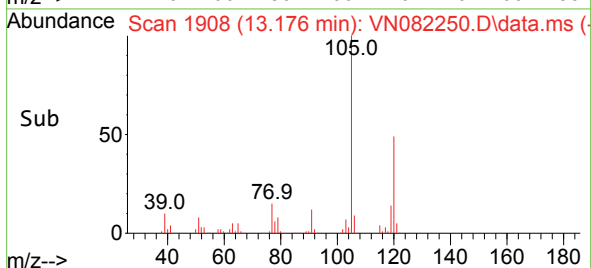
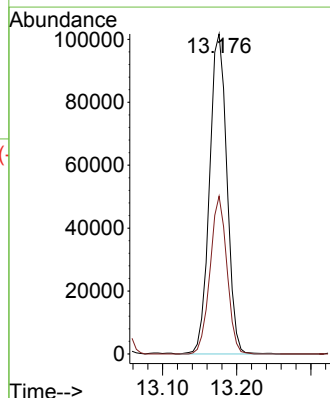
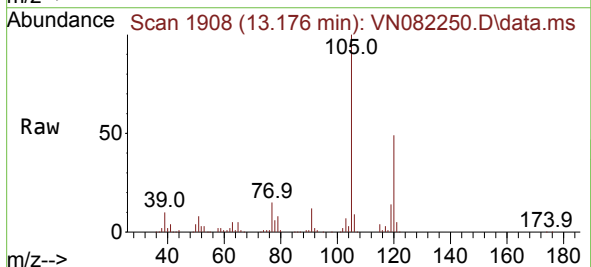
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01

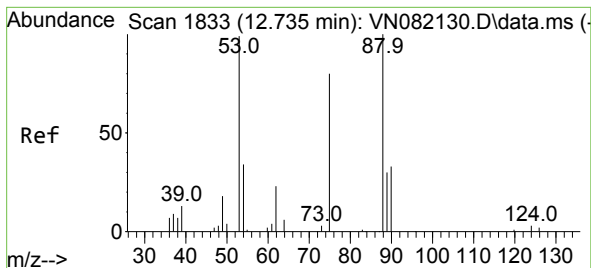
Tgt Ion: 91 Resp: 146822
Ion Ratio Lower Upper
91 100
126 30.6 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 19.729 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

Tgt Ion: 105 Resp: 165604
Ion Ratio Lower Upper
105 100
120 47.7 24.8 74.3

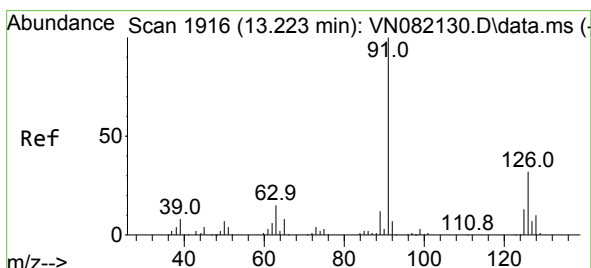
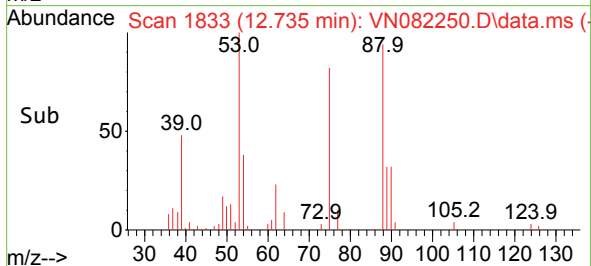
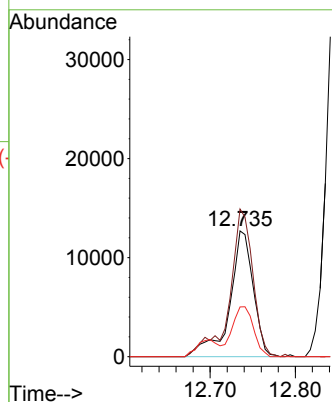
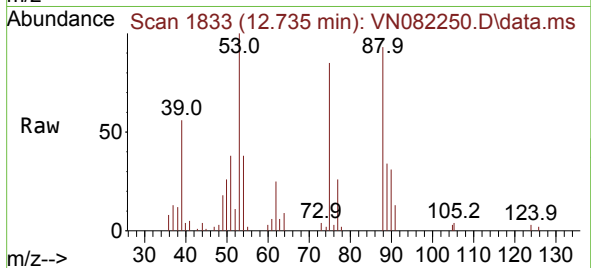




#81
trans-1,4-Dichloro-2-butene
Concen: 20.725 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

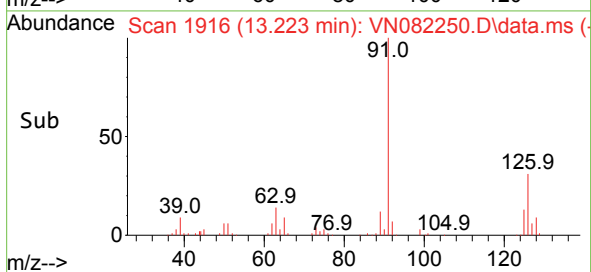
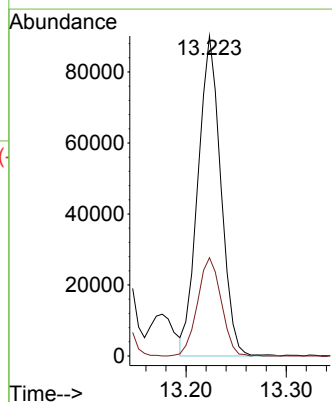
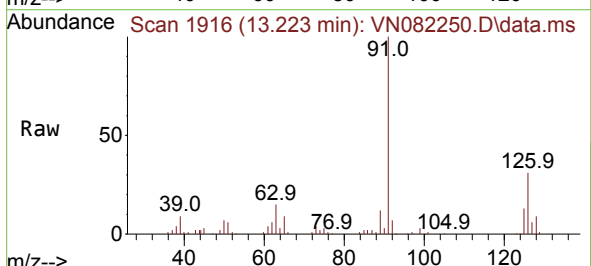
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01

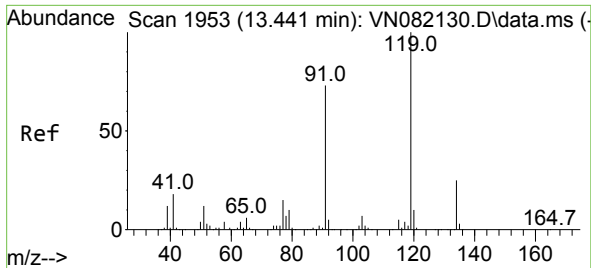
Tgt Ion: 75 Resp: 24369
Ion Ratio Lower Upper
75 100
53 115.4 72.9 109.3#
89 36.4 39.1 58.7#



#82
4-Chlorotoluene
Concen: 18.942 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

Tgt Ion: 91 Resp: 142957
Ion Ratio Lower Upper
91 100
126 31.8 17.4 52.3

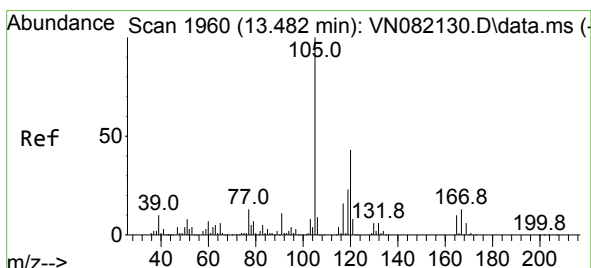
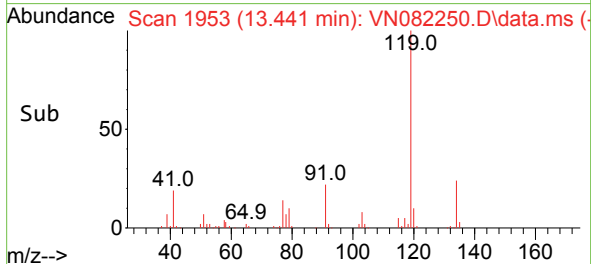
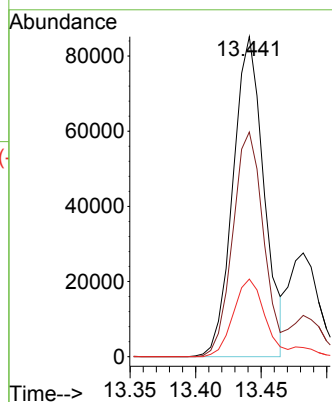
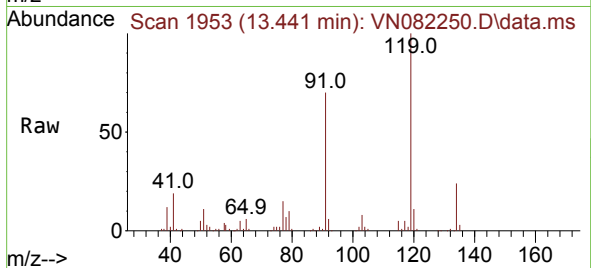




#83
tert-Butylbenzene
Concen: 19.060 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

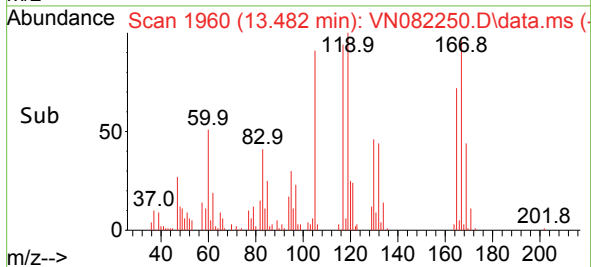
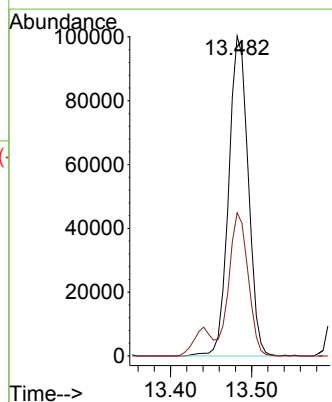
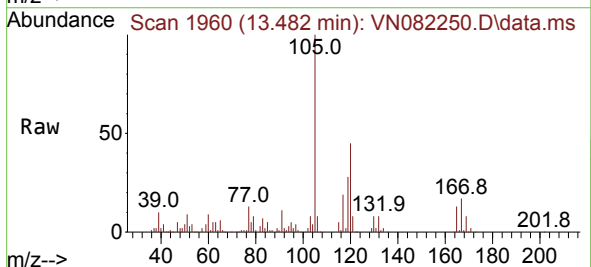
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01

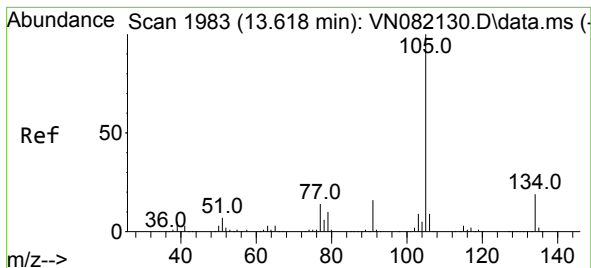
Tgt Ion:119 Resp: 139965
Ion Ratio Lower Upper
119 100
91 71.5 32.6 97.8
134 24.7 12.4 37.0



#84
1,2,4-Trimethylbenzene
Concen: 19.469 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

Tgt Ion:105 Resp: 167189
Ion Ratio Lower Upper
105 100
120 44.4 22.9 68.7





#85

sec-Butylbenzene

Concen: 19.017 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN082250.D

Acq: 21 May 2024 19:07

Instrument :

MSVOA_N

ClientSampleId :

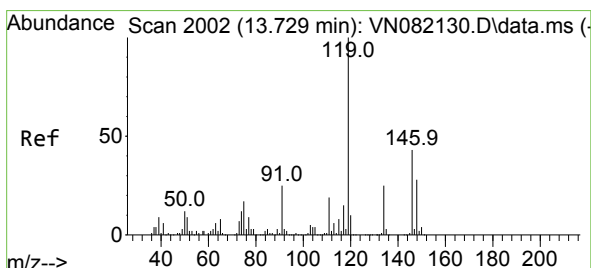
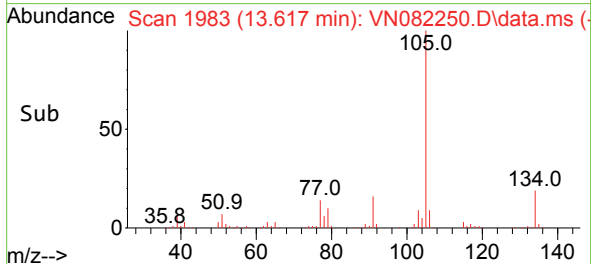
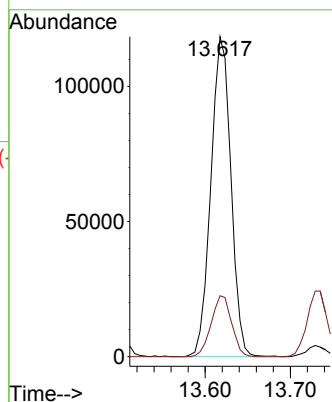
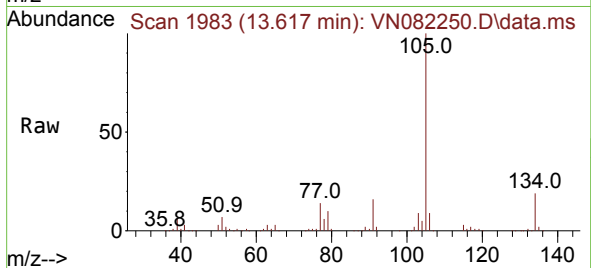
VN0521MBS01

Tgt Ion:105 Resp: 193566

Ion Ratio Lower Upper

105 100

134 19.4 10.2 30.4



#86

p-Isopropyltoluene

Concen: 19.340 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN082250.D

Acq: 21 May 2024 19:07

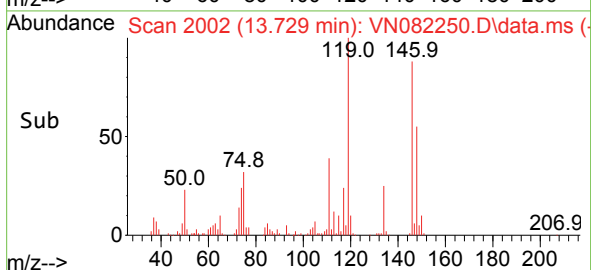
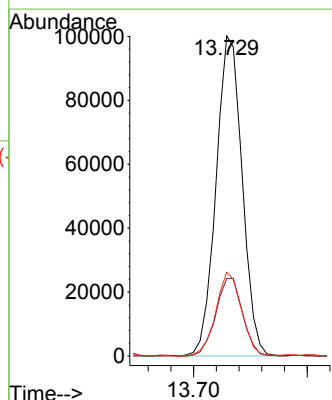
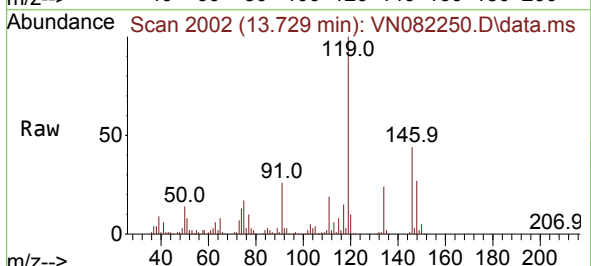
Tgt Ion:119 Resp: 159984

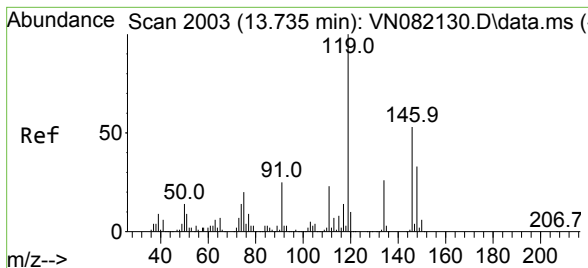
Ion Ratio Lower Upper

119 100

134 24.9 13.2 39.5

91 25.8 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 19.267 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN082250.D

Acq: 21 May 2024 19:07

Instrument :

MSVOA_N

ClientSampleId :

VN0521MBS01

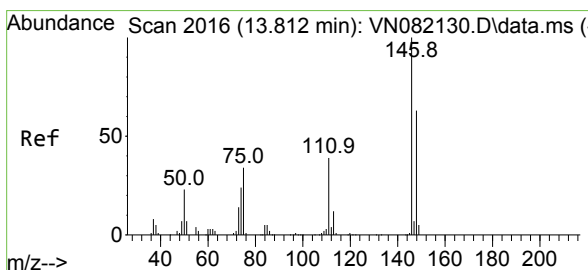
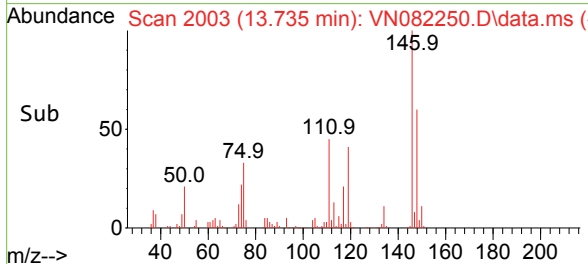
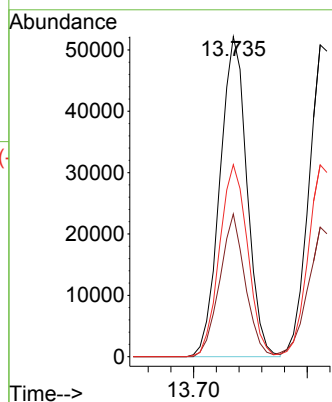
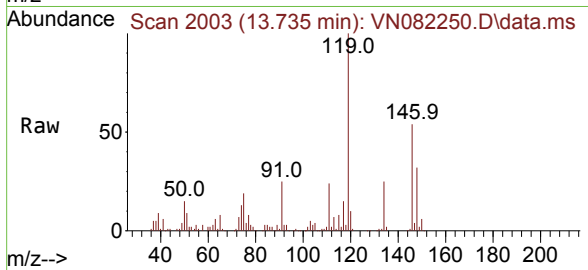
Tgt Ion:146 Resp: 86354

Ion Ratio Lower Upper

146 100

111 41.9 20.8 62.5

148 62.2 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 18.835 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN082250.D

Acq: 21 May 2024 19:07

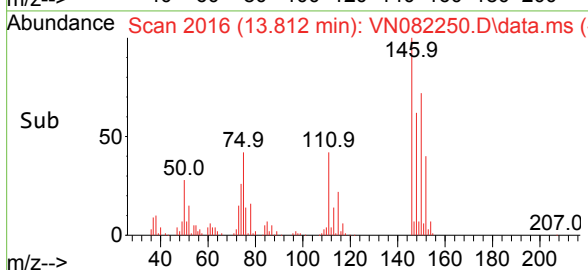
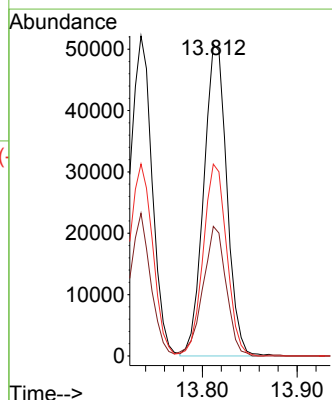
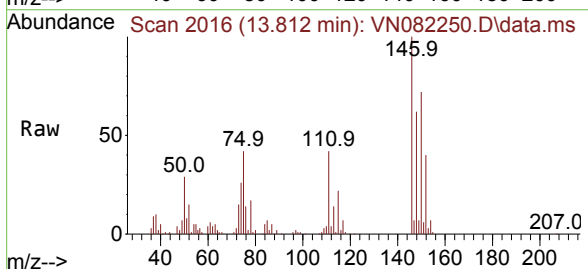
Tgt Ion:146 Resp: 86159

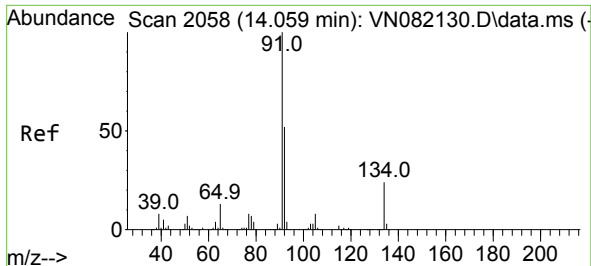
Ion Ratio Lower Upper

146 100

111 41.7 19.3 57.9

148 62.5 31.3 93.9

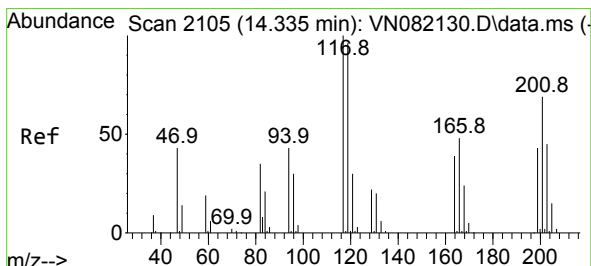
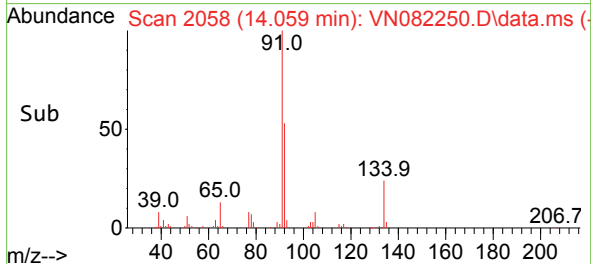
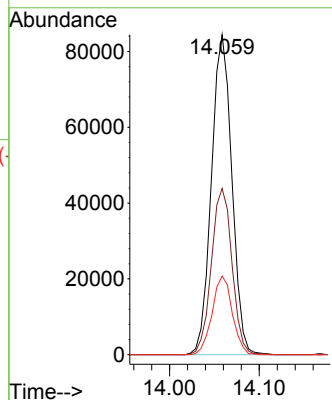
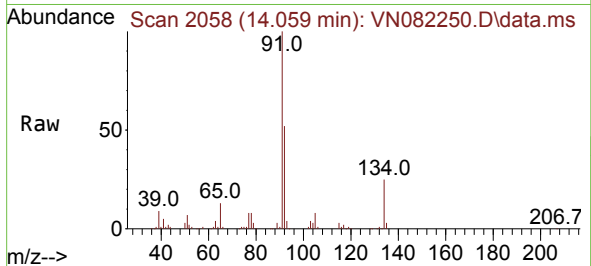




#89
n-Butylbenzene
Concen: 17.941 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

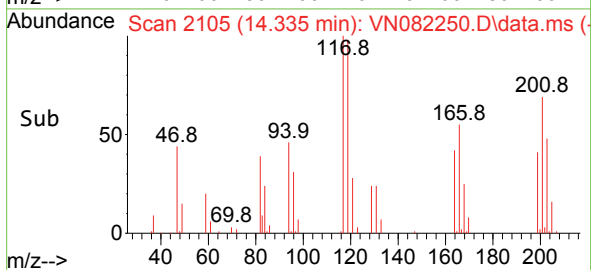
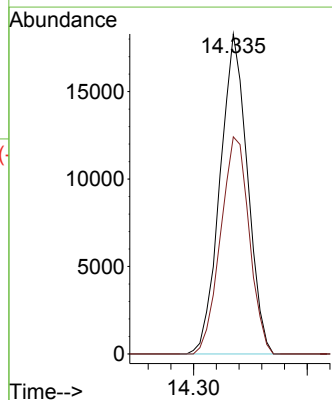
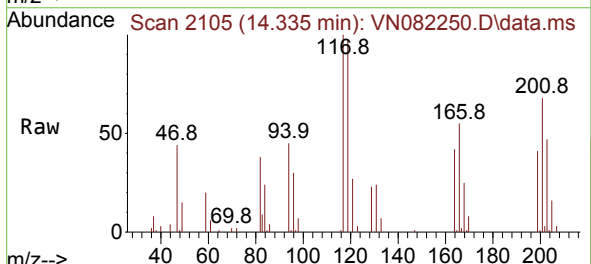
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01

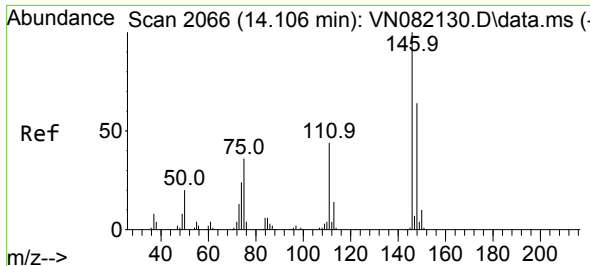
Tgt Ion: 91 Resp: 133394
Ion Ratio Lower Upper
91 100
92 52.5 26.2 78.5
134 24.3 13.2 39.5



#90
Hexachloroethane
Concen: 20.023 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

Tgt Ion: 117 Resp: 30687
Ion Ratio Lower Upper
117 100
201 70.8 33.3 99.8





#91

1,2-Dichlorobenzene

Concen: 19.815 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN082250.D

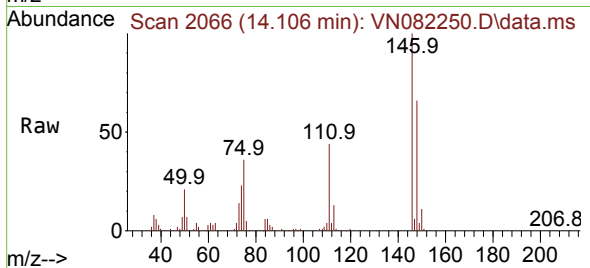
Acq: 21 May 2024 19:07

Instrument :

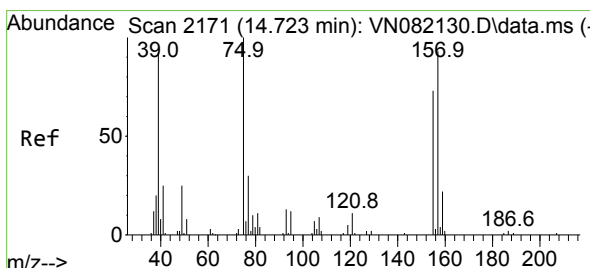
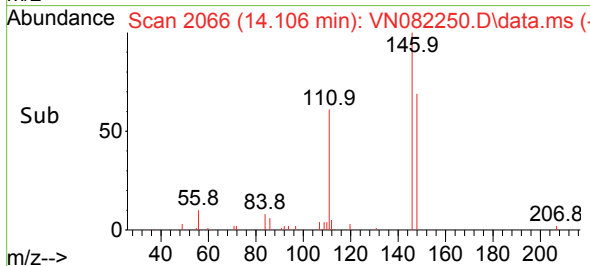
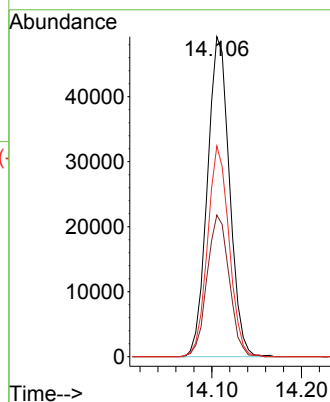
MSVOA_N

ClientSampleId :

VN0521MBS01



Tgt Ion:	146	Resp:	84065
Ion	Ratio	Lower	Upper
146	100		
111	44.5	21.3	64.0
148	64.2	31.8	95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.363 ug/l

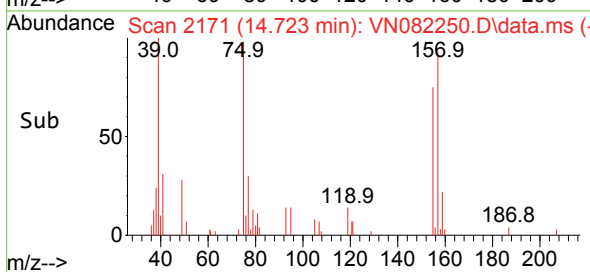
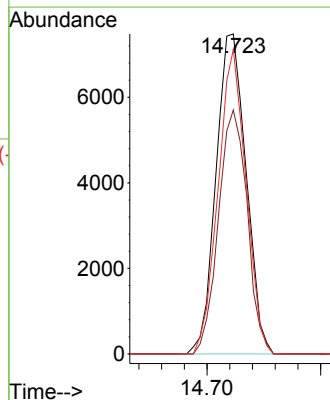
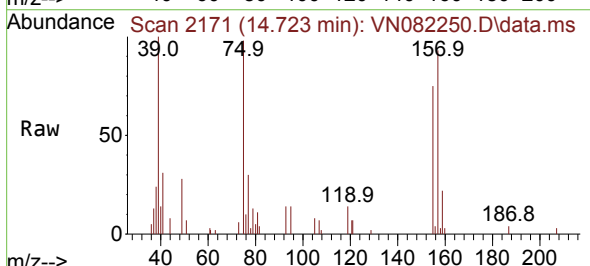
RT: 14.723 min Scan# 2171

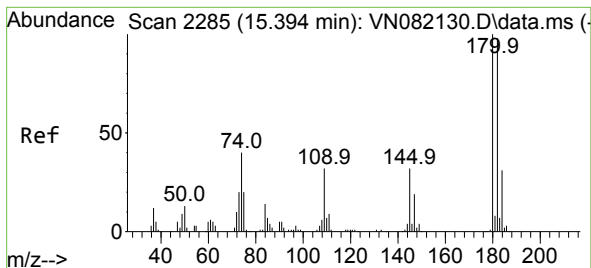
Delta R.T. -0.000 min

Lab File: VN082250.D

Acq: 21 May 2024 19:07

Tgt Ion:	75	Resp:	13749
Ion	Ratio	Lower	Upper
75	100		
155	72.9	42.6	128.0
157	88.1	53.0	159.0





#93

1,2,4-Trichlorobenzene

Concen: 18.158 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN082250.D

Acq: 21 May 2024 19:07

Instrument :

MSVOA_N

ClientSampleId :

VN0521MBS01

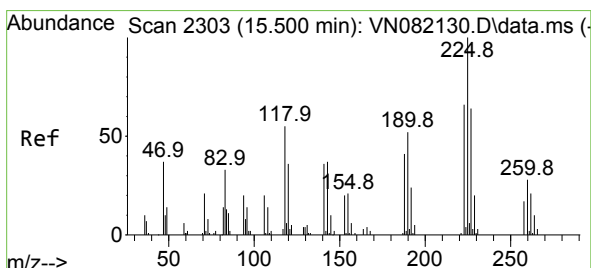
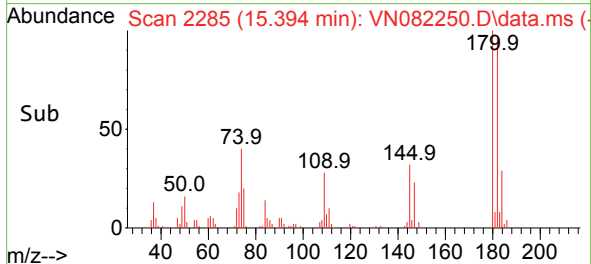
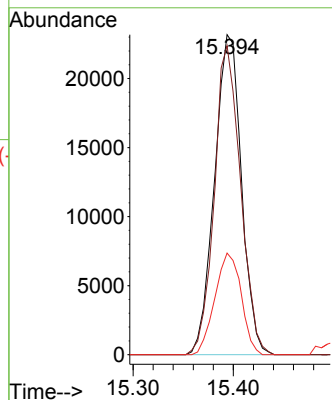
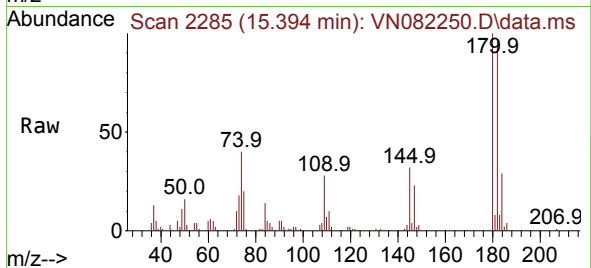
Tgt Ion:180 Resp: 43180

Ion Ratio Lower Upper

180 100

182 93.9 46.7 140.0

145 31.0 16.2 48.6



#94

Hexachlorobutadiene

Concen: 17.484 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN082250.D

Acq: 21 May 2024 19:07

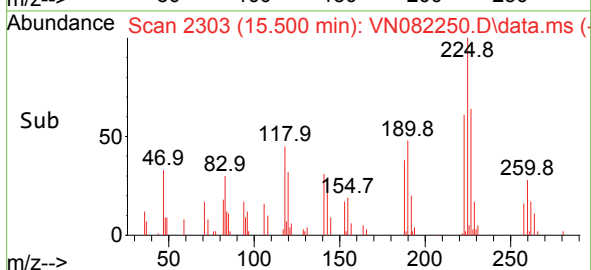
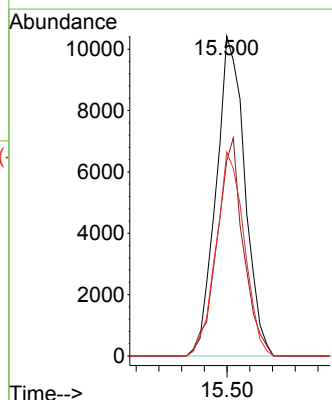
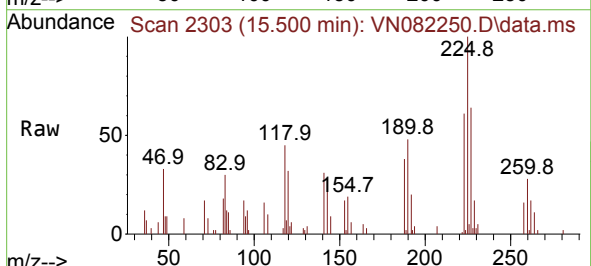
Tgt Ion:225 Resp: 18244

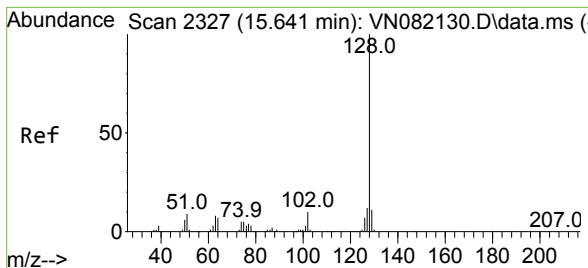
Ion Ratio Lower Upper

225 100

223 62.7 31.1 93.2

227 63.1 30.6 91.6

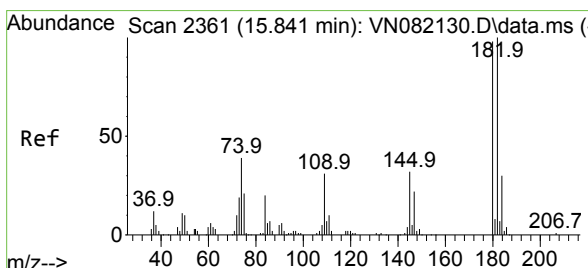
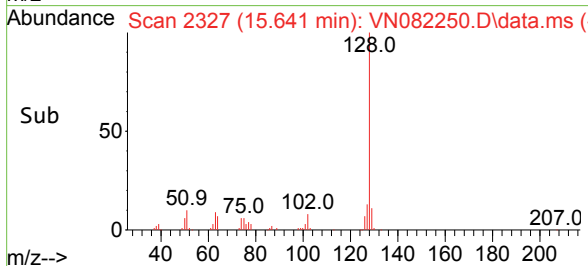
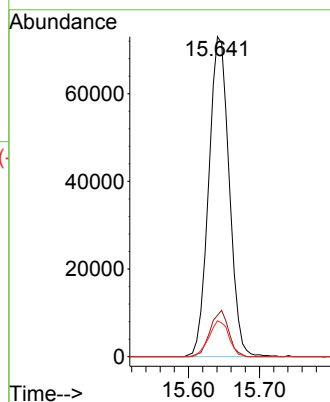
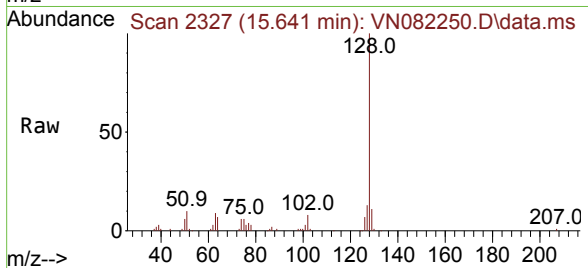




#95
Naphthalene
Concen: 19.616 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01

Tgt Ion:	128	Resp:	146188
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.1	15.1
129	10.9	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 19.037 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN082250.D
Acq: 21 May 2024 19:07

Tgt Ion:	180	Resp:	45319
Ion	Ratio	Lower	Upper
180	100		
182	91.1	46.0	137.8
145	32.3	17.1	51.3

