

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
 Data File : VN082259.D
 Acq On : 21 May 2024 23:32
 Operator : JC\MD
 Sample : VN0521MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521MBS02

Quant Time: May 22 02:40:47 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	191265	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	330031	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	296480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	132956	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	145262	48.098	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.200%
35) Dibromofluoromethane	8.171	113	99464	48.992	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.980%
50) Toluene-d8	10.571	98	370434	47.591	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.180%
62) 4-Bromofluorobenzene	12.853	95	130306	46.904	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	93.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	50980	18.487	ug/l	100
3) Chloromethane	2.359	50	54391	17.404	ug/l	99
4) Vinyl Chloride	2.512	62	54344	18.497	ug/l	98
5) Bromomethane	2.959	94	29603	17.530	ug/l	90
6) Chloroethane	3.124	64	35995	18.763	ug/l	98
7) Trichlorofluoromethane	3.501	101	74412	19.342	ug/l	98
8) Diethyl Ether	3.965	74	27427	20.012	ug/l	68
9) 1,1,2-Trichlorotrifluo...	4.371	101	41866	18.629	ug/l	99
10) Methyl Iodide	4.589	142	38903	17.219	ug/l	93
11) Tert butyl alcohol	5.530	59	50354	103.866	ug/l	98
12) 1,1-Dichloroethene	4.348	96	39610	18.963	ug/l	93
13) Acrolein	4.177	56	33386	92.932	ug/l	98
14) Allyl chloride	5.024	41	76821	17.177	ug/l #	91
15) Acrylonitrile	5.724	53	127706	101.712	ug/l	99
16) Acetone	4.424	43	117704	95.006	ug/l	90
17) Carbon Disulfide	4.712	76	111920	16.589	ug/l	98
18) Methyl Acetate	5.030	43	64184	20.803	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	149449	19.574	ug/l	92
20) Methylene Chloride	5.277	84	47905	19.165	ug/l #	79
21) trans-1,2-Dichloroethene	5.789	96	42899	18.846	ug/l	82
22) Diisopropyl ether	6.671	45	182658	19.559	ug/l #	90
23) Vinyl Acetate	6.606	43	775453	105.321	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	90365	18.774	ug/l	98
25) 2-Butanone	7.483	43	186499	99.287	ug/l #	84
26) 2,2-Dichloropropane	7.494	77	56857	14.103	ug/l	95
27) cis-1,2-Dichloroethene	7.488	96	51164	19.045	ug/l	84
28) Bromochloromethane	7.818	49	40573	18.793	ug/l #	75
29) Tetrahydrofuran	7.841	42	124594	103.310	ug/l #	81
30) Chloroform	7.965	83	89265	19.420	ug/l	95
31) Cyclohexane	8.259	56	83727	17.358	ug/l #	83
32) 1,1,1-Trichloroethane	8.171	97	80014	19.621	ug/l	96
36) 1,1-Dichloropropene	8.377	75	62266	18.287	ug/l	96
37) Ethyl Acetate	7.565	43	76312	20.026	ug/l	95
38) Carbon Tetrachloride	8.365	117	65290	18.916	ug/l	99
39) Methylcyclohexane	9.600	83	67628	18.120	ug/l #	87
40) Benzene	8.606	78	196200	19.323	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	42916	19.150	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	75061	19.221	ug/l	95
43) Isopropyl Acetate	8.694	43	145003	21.475	ug/l #	87
44) Trichloroethene	9.353	130	44740	19.398	ug/l	88
45) 1,2-Dichloropropane	9.624	63	50351	19.220	ug/l	92
46) Dibromomethane	9.712	93	33805	19.655	ug/l	97
47) Bromodichloromethane	9.894	83	72031	19.838	ug/l #	96
48) Methyl methacrylate	9.682	41	62815	19.524	ug/l #	81
49) 1,4-Dioxane	9.700	88	18874	418.640	ug/l #	76
51) 4-Methyl-2-Pentanone	10.447	43	400272	104.338	ug/l	89
52) Toluene	10.635	92	119374	19.591	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	67259	17.911	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	74058	18.631	ug/l #	77
55) 1,1,2-Trichloroethane	11.024	97	44094	19.913	ug/l	97
56) Ethyl methacrylate	10.877	69	75867	20.180	ug/l #	70
57) 1,3-Dichloropropane	11.165	76	79378	19.173	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	192376	99.207	ug/l	90
59) 2-Hexanone	11.194	43	292580	104.159	ug/l	89
60) Dibromochloromethane	11.359	129	50235	20.557	ug/l	98
61) 1,2-Dibromoethane	11.471	107	44870	19.728	ug/l	96
64) Tetrachloroethene	11.106	164	44837	20.404	ug/l	94
65) Chlorobenzene	11.894	112	125552	19.169	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	43561	20.191	ug/l	100
67) Ethyl Benzene	11.965	91	221957	18.944	ug/l	99
68) m/p-Xylenes	12.071	106	163329	38.035	ug/l	92
69) o-Xylene	12.400	106	78658	18.910	ug/l	89
70) Styrene	12.412	104	133018	19.252	ug/l	96
71) Bromoform	12.582	173	32164	19.183	ug/l #	98
73) Isopropylbenzene	12.700	105	205487	19.454	ug/l	98
74) N-amyl acetate	12.494	43	111975	19.273	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	60253	19.789	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	84052	30.036	ug/l	63
77) Bromobenzene	12.982	156	47556	18.892	ug/l	88
78) n-propylbenzene	13.035	91	240522	19.230	ug/l	96
79) 2-Chlorotoluene	13.129	91	150899	19.213	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	166154	19.454	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	18974	15.859	ug/l #	80
82) 4-Chlorotoluene	13.223	91	146257	19.046	ug/l	95
83) tert-Butylbenzene	13.441	119	144719	19.368	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	167903	19.215	ug/l	98
85) sec-Butylbenzene	13.618	105	200498	19.359	ug/l	98
86) p-Isopropyltoluene	13.729	119	162748	19.336	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	87945	19.284	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	85610	18.393	ug/l	96
89) n-Butylbenzene	14.059	91	136709	18.071	ug/l	98
90) Hexachloroethane	14.335	117	29894	19.169	ug/l	95
91) 1,2-Dichlorobenzene	14.112	146	85160	19.728	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	13457	21.511	ug/l	82
93) 1,2,4-Trichlorobenzene	15.394	180	44071	18.213	ug/l	99
94) Hexachlorobutadiene	15.506	225	18069	17.018	ug/l	93
95) Naphthalene	15.647	128	147064	19.394	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	45406	18.745	ug/l	99

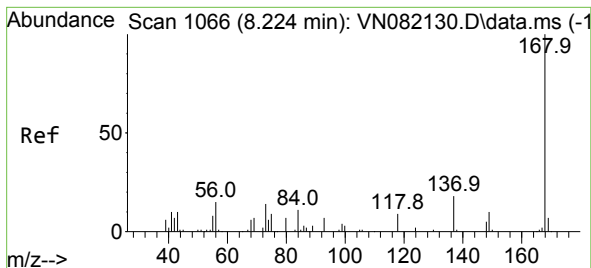
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN082259.D

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Instrument :

MSVOA_N

ClientSampleId :

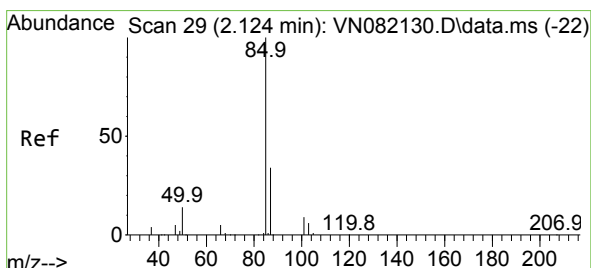
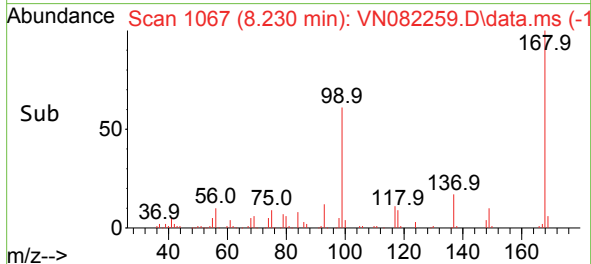
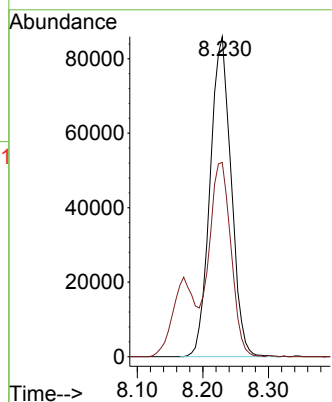
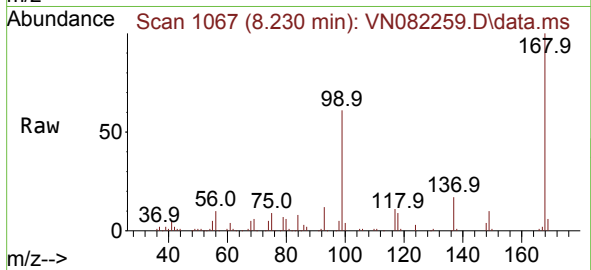
VN0521MBS02

Tgt Ion:168 Resp: 191265

Ion Ratio Lower Upper

168 100

99 60.7 48.2 72.4



#2

Dichlorodifluoromethane

Concen: 18.487 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN082259.D

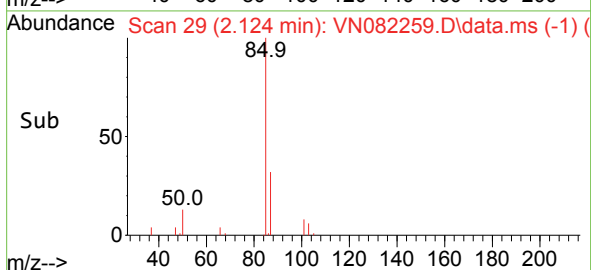
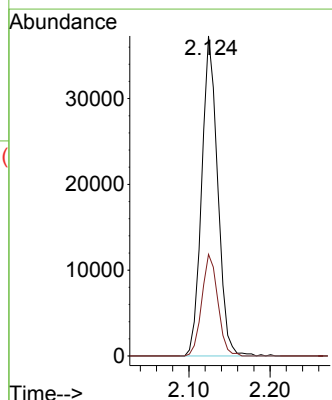
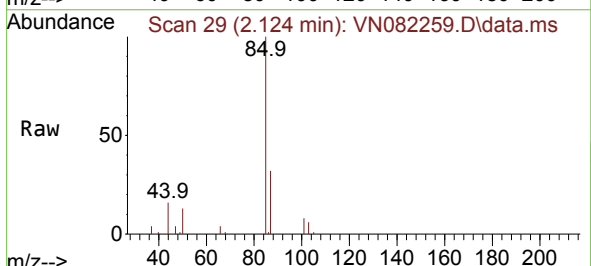
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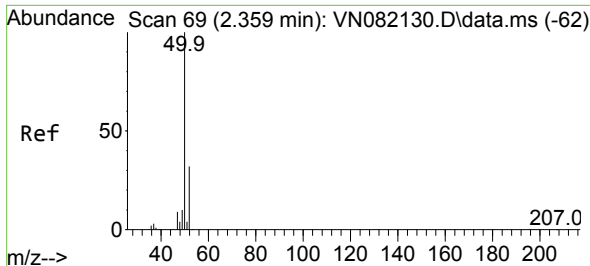
Tgt Ion: 85 Resp: 50980

Ion Ratio Lower Upper

85 100

87 31.7 15.8 47.4

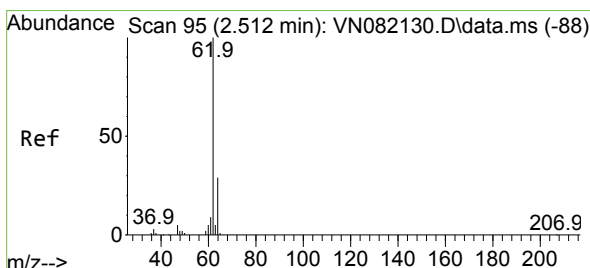
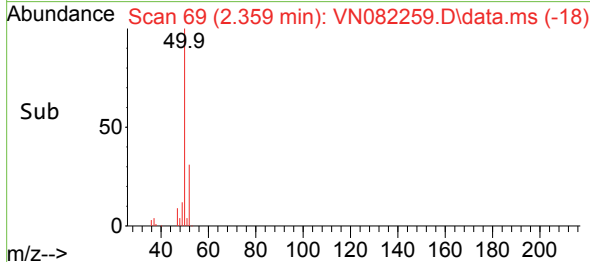
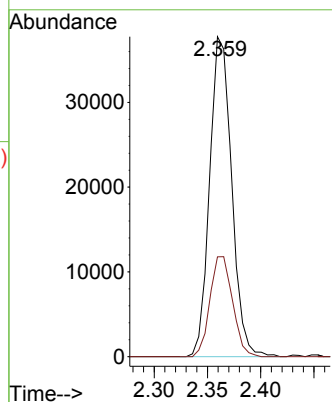
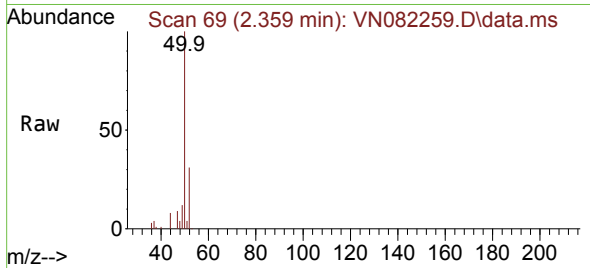




#3
Chloromethane
Concen: 17.404 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082259.D
Acq: 21 May 2024 23:32

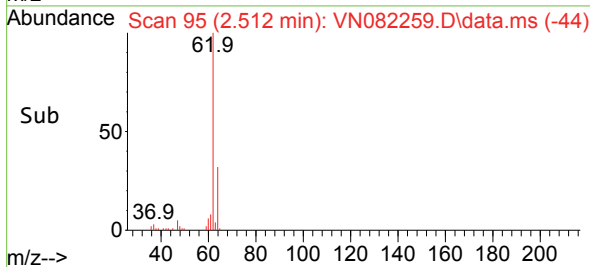
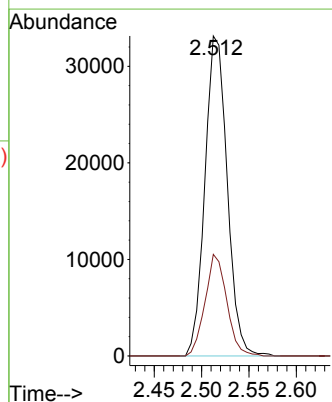
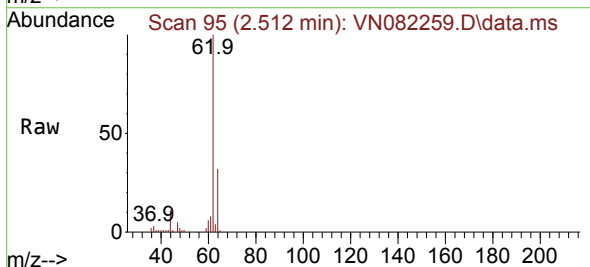
Instrument :
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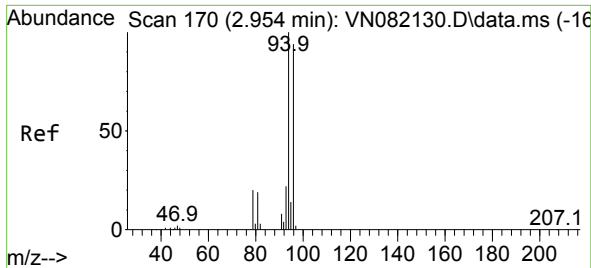
Tgt Ion: 50 Resp: 54391
Ion Ratio Lower Upper
50 100
52 31.2 25.5 38.3



#4
Vinyl Chloride
Concen: 18.497 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN082259.D
Acq: 21 May 2024 23:32

Tgt Ion: 62 Resp: 54344
Ion Ratio Lower Upper
62 100
64 31.8 24.6 37.0

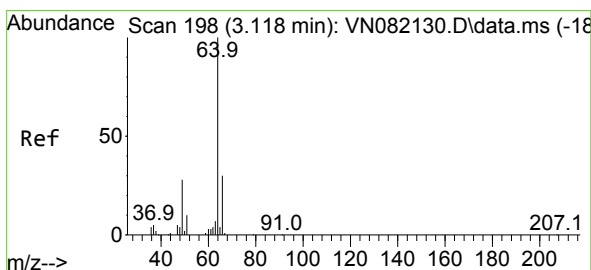
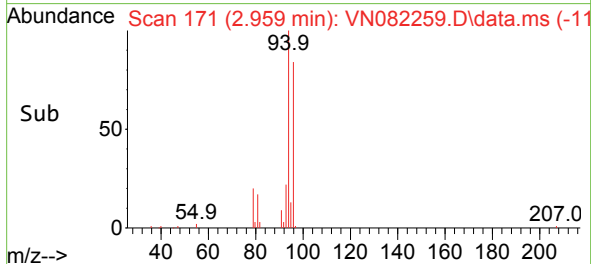
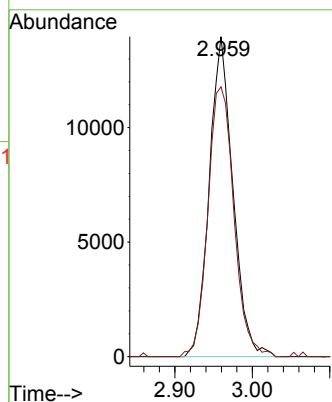
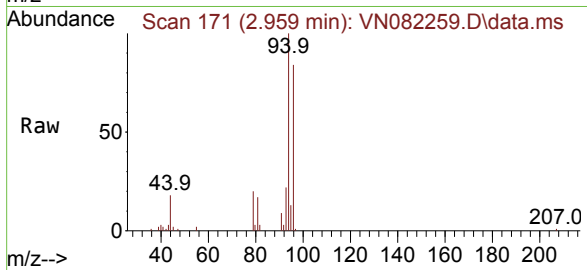




#5
Bromomethane
Concen: 17.530 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082259.D
Acq: 21 May 2024 23:32

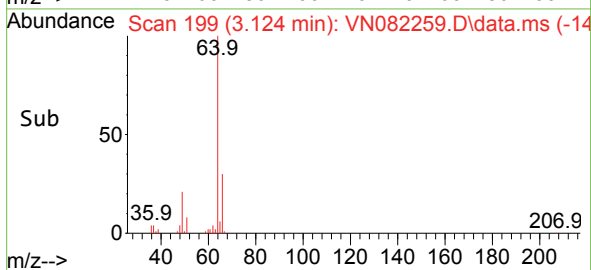
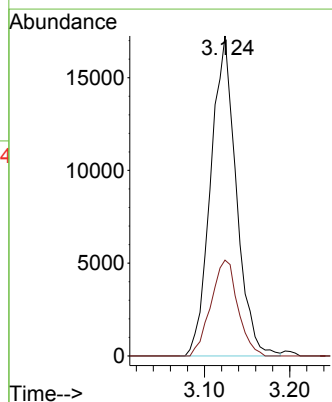
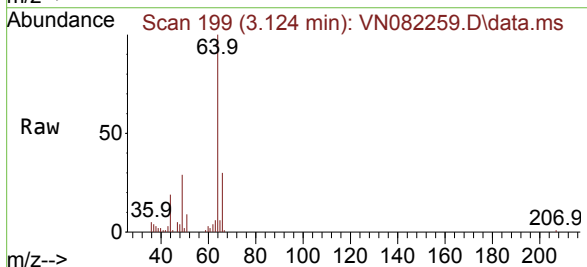
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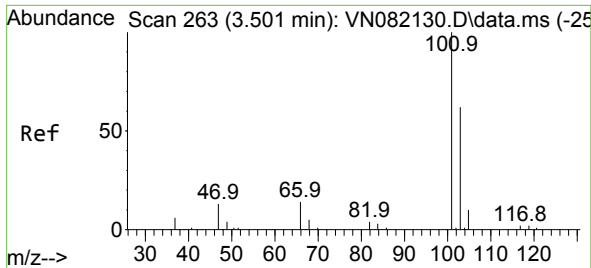
Tgt Ion: 94 Resp: 29603
Ion Ratio Lower Upper
94 100
96 84.3 74.8 112.2



#6
Chloroethane
Concen: 18.763 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN082259.D
Acq: 21 May 2024 23:32

Tgt Ion: 64 Resp: 35995
Ion Ratio Lower Upper
64 100
66 30.0 24.7 37.1

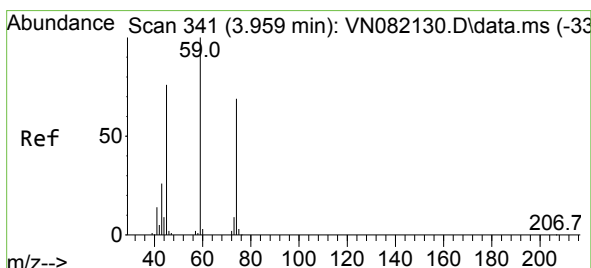
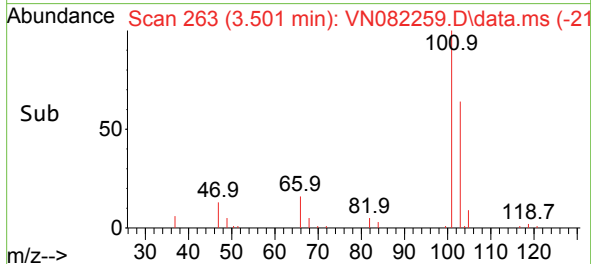
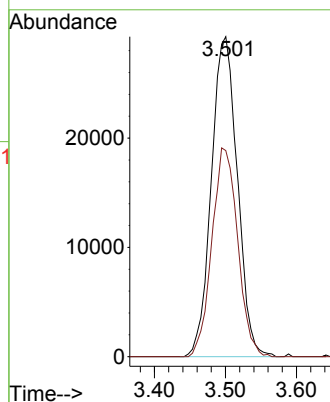
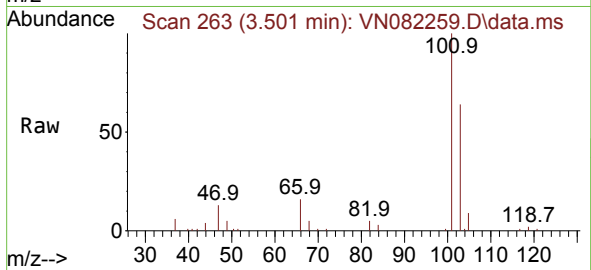




#7
Trichlorofluoromethane
Concen: 19.342 ug/l
RT: 3.501 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN082259.D
Acq: 21 May 2024 23:32

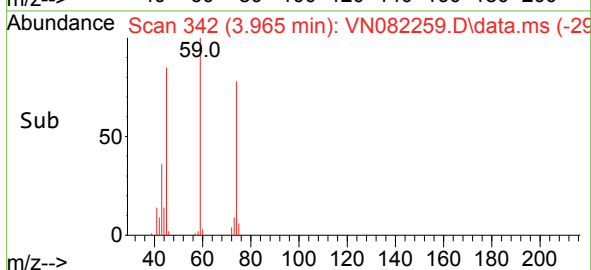
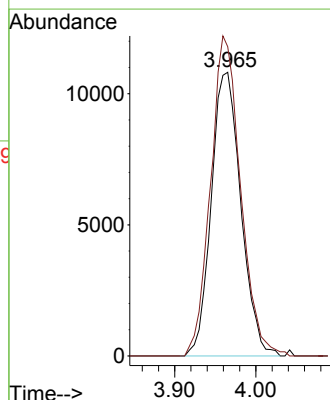
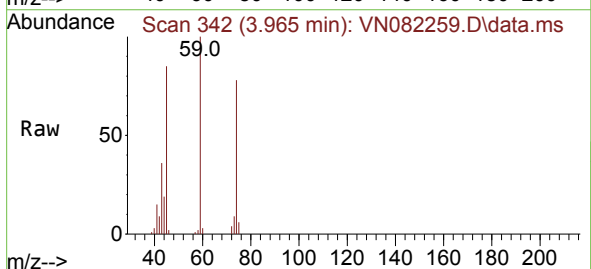
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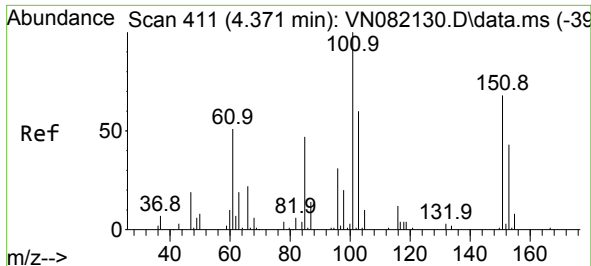
Tgt Ion:101 Resp: 74412
Ion Ratio Lower Upper
101 100
103 64.4 50.6 75.8



#8
Diethyl Ether
Concen: 20.012 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN082259.D
Acq: 21 May 2024 23:32

Tgt Ion: 74 Resp: 27427
Ion Ratio Lower Upper
74 100
45 114.3 42.4 127.3

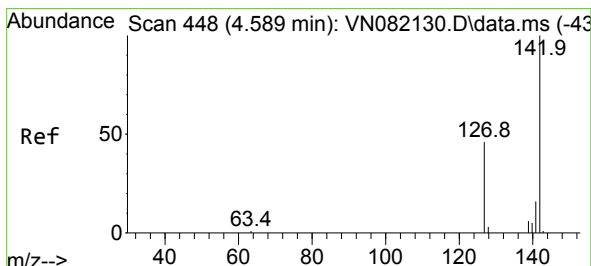
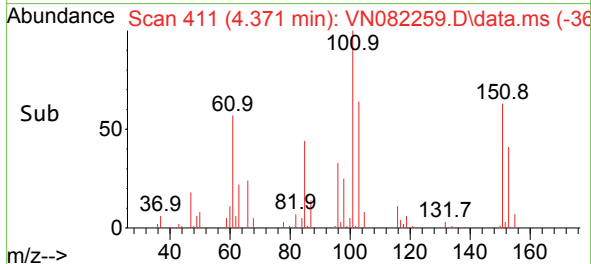
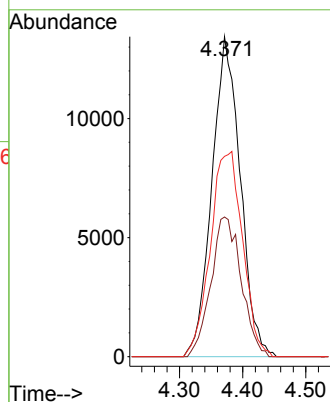
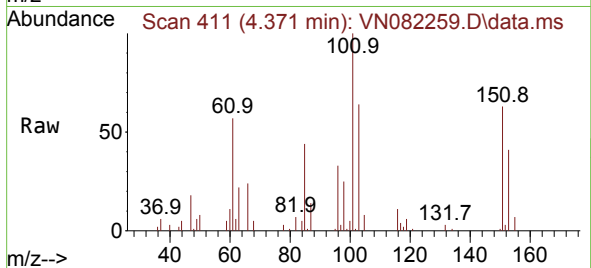




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.629 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN082259.D
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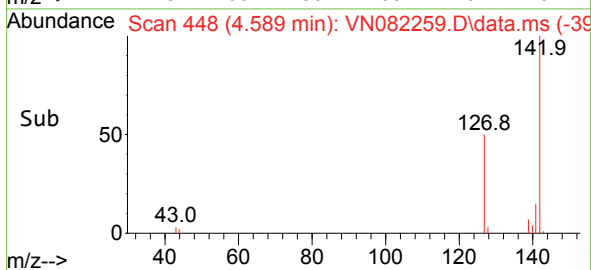
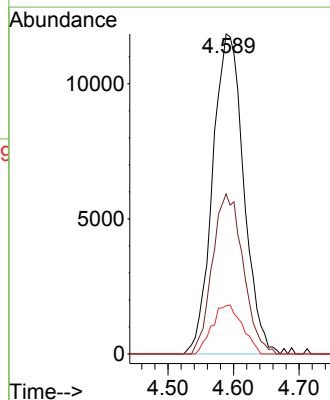
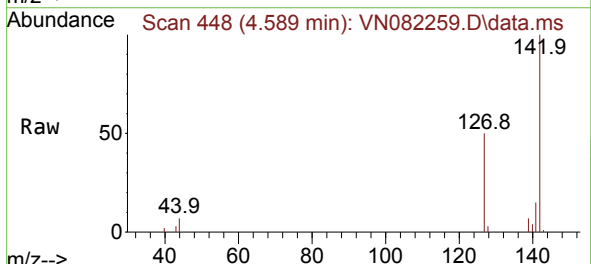
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS02

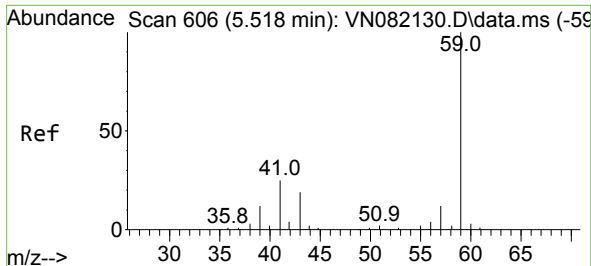
Tgt Ion:101 Resp: 41866
Ion Ratio Lower Upper
101 100
85 46.7 37.3 55.9
151 72.9 59.2 88.8



#10
Methyl Iodide
Concen: 17.219 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN082259.D
Acq: 21 May 2024 23:32

Tgt Ion:142 Resp: 38903
Ion Ratio Lower Upper
142 100
127 50.0 35.8 53.6
141 15.1 11.4 17.2





#11

Tert butyl alcohol

Concen: 103.866 ug/l

RT: 5.530 min Scan# 606

Delta R.T. 0.012 min

Lab File: VN082259.D

Acq: 21 May 2024 23:32

Instrument :

MSVOA_N

ClientSampleId :

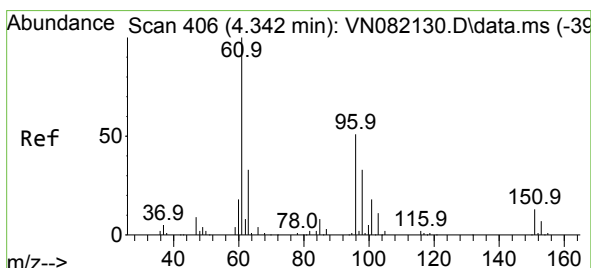
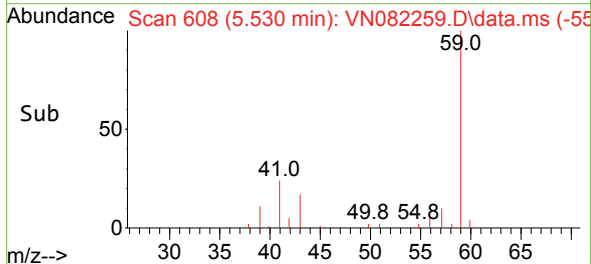
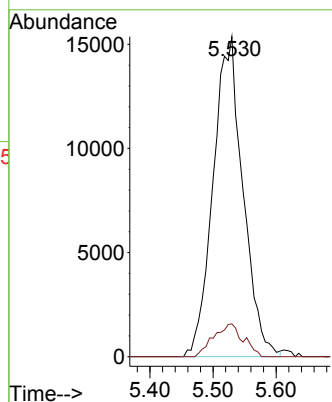
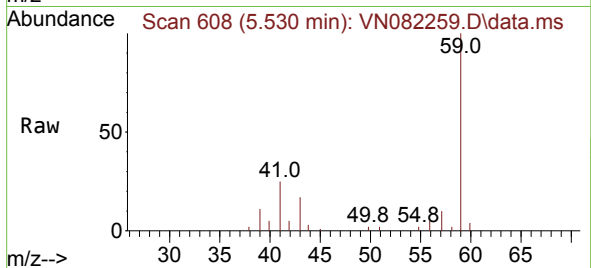
VN0521MBS02

Tgt Ion: 59 Resp: 50354

Ion Ratio Lower Upper

59 100

57 10.2 8.9 13.3



#12

1,1-Dichloroethene

Concen: 18.963 ug/l

RT: 4.348 min Scan# 407

Delta R.T. 0.006 min

Lab File: VN082259.D

Acq: 21 May 2024 23:32

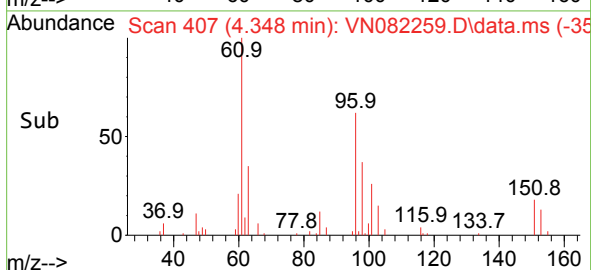
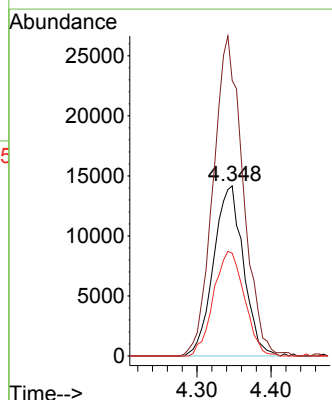
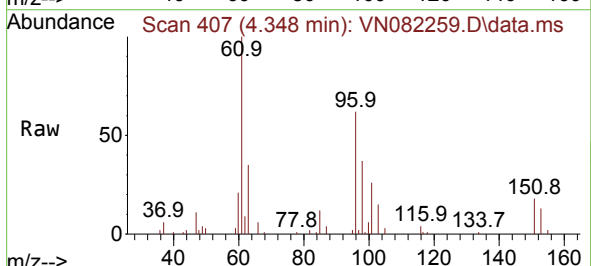
Tgt Ion: 96 Resp: 39610

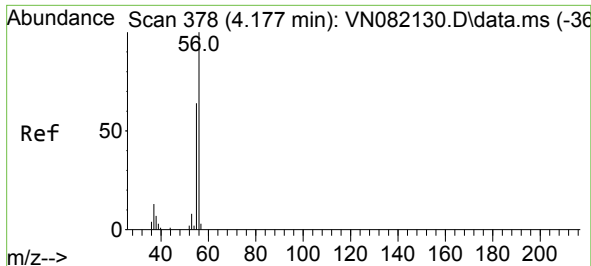
Ion Ratio Lower Upper

96 100

61 161.9 119.7 179.5

98 60.4 49.6 74.4





#13

Acrolein

Concen: 92.932 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN082259.D

Acq: 21 May 2024 23:32

Instrument :

MSVOA_N

ClientSampleId :

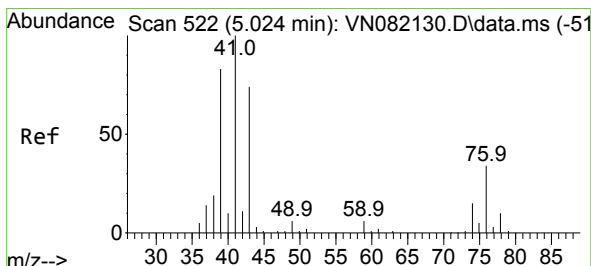
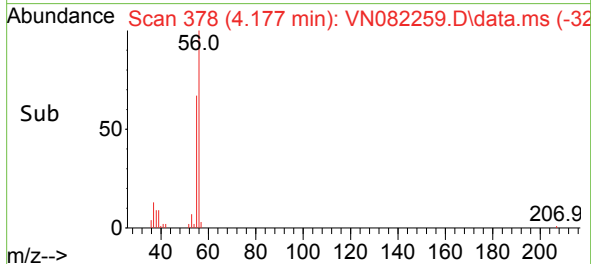
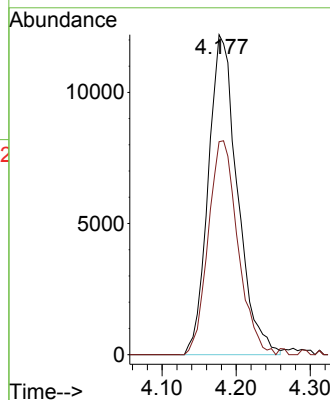
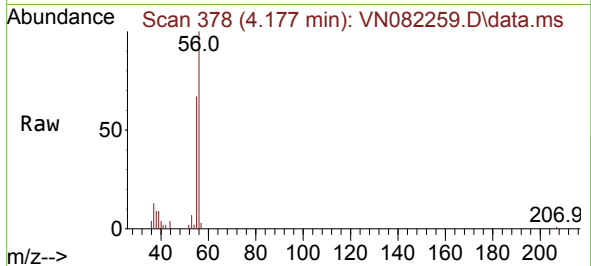
VN0521MBS02

Tgt Ion: 56 Resp: 33386

Ion Ratio Lower Upper

56 100

55 67.9 55.8 83.8



#14

Allyl chloride

Concen: 17.177 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN082259.D

Acq: 21 May 2024 23:32

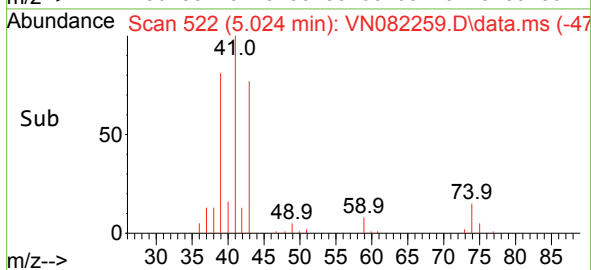
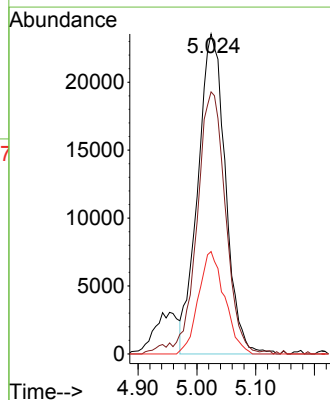
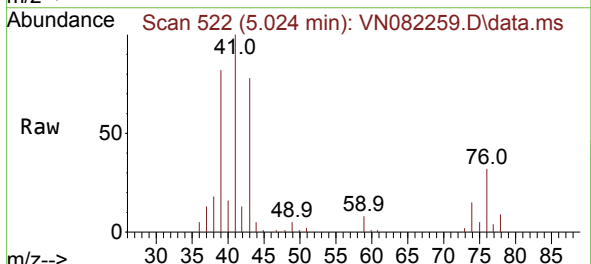
Tgt Ion: 41 Resp: 76821

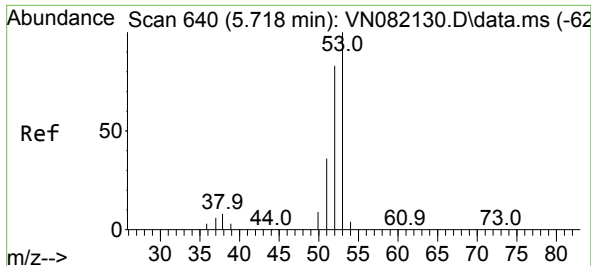
Ion Ratio Lower Upper

41 100

39 82.1 65.4 98.0

76 30.4 37.3 55.9#

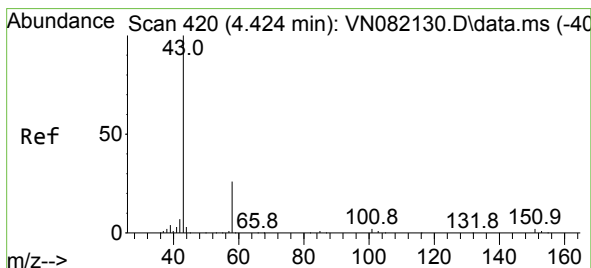
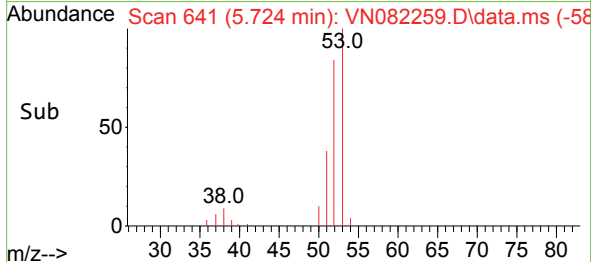
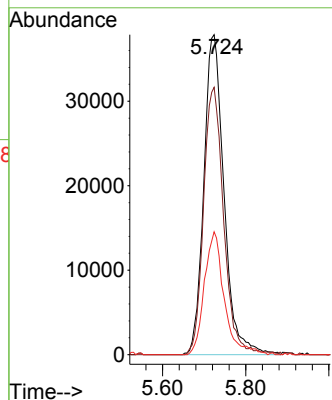
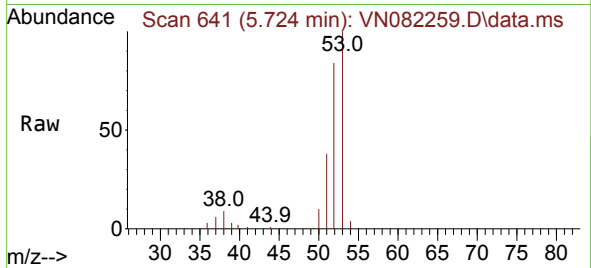




#15
Acrylonitrile
Concen: 101.712 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN082259.D
Acq: 21 May 2024 23:32

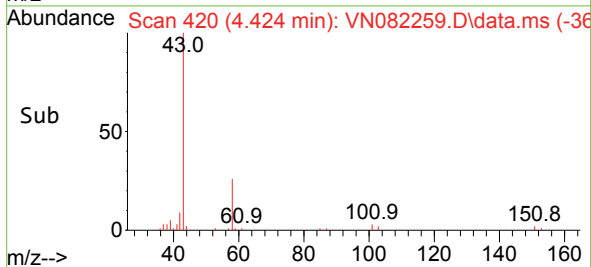
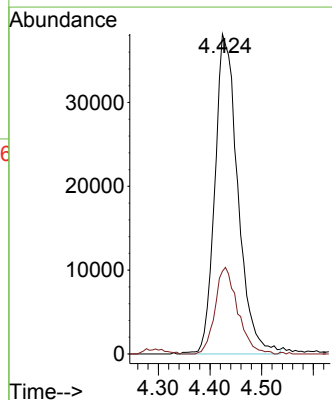
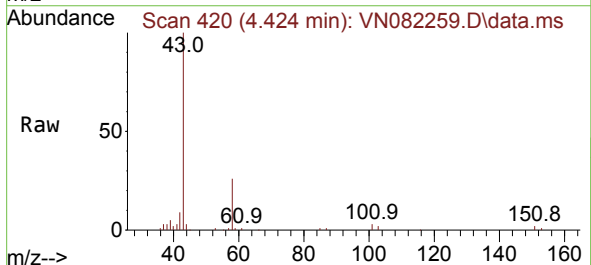
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS02

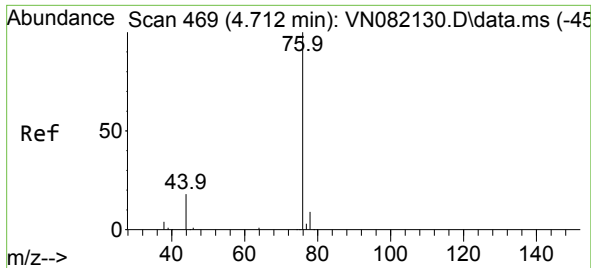
Tgt Ion: 53 Resp: 127706
Ion Ratio Lower Upper
53 100
52 83.4 66.1 99.1
51 37.8 29.4 44.2



#16
Acetone
Concen: 95.006 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN082259.D
Acq: 21 May 2024 23:32

Tgt Ion: 43 Resp: 117704
Ion Ratio Lower Upper
43 100
58 25.9 25.2 37.8





#17

Carbon Disulfide

Concen: 16.589 ug/l

RT: 4.712 min Scan# 4

Delta R.T. 0.000 min

Lab File: VN082259.D

Acq: 21 May 2024 23:32

Instrument :

MSVOA_N

ClientSampleId :

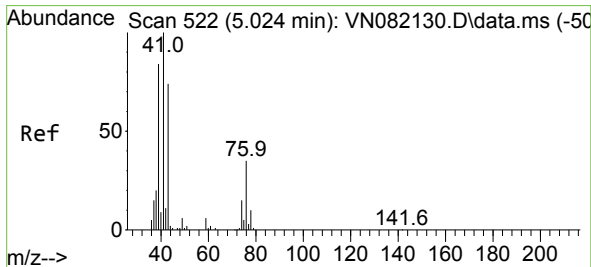
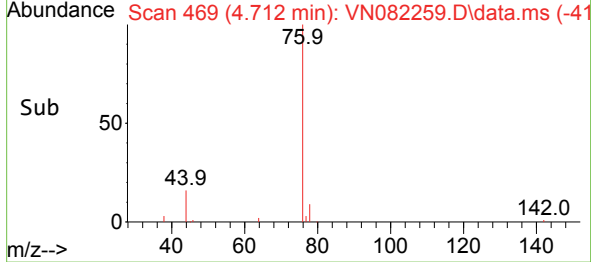
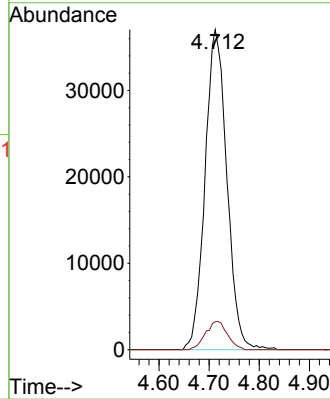
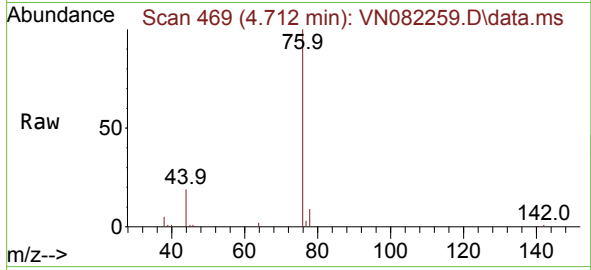
VN0521MBS02

Tgt Ion: 76 Resp: 111920

Ion Ratio Lower Upper

76 100

78 8.7 7.5 11.3



#18

Methyl Acetate

Concen: 20.803 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.006 min

Lab File: VN082259.D

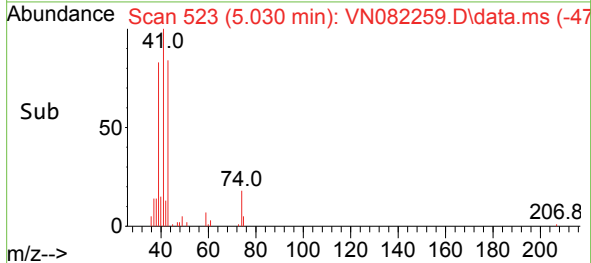
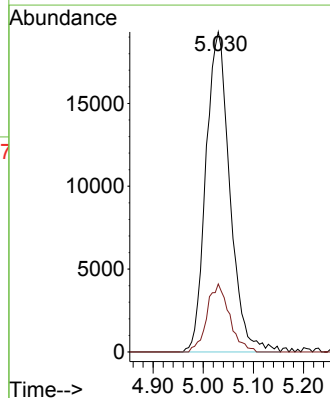
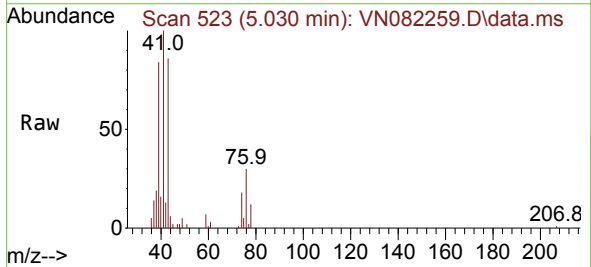
Acq: 21 May 2024 23:32

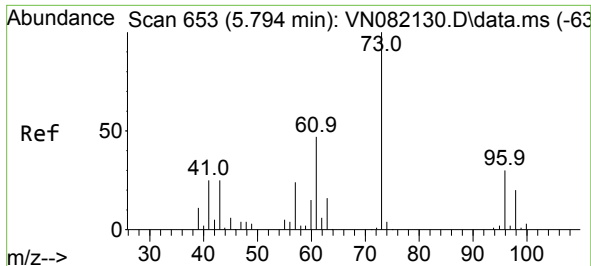
Tgt Ion: 43 Resp: 64184

Ion Ratio Lower Upper

43 100

74 20.0 22.2 33.2#

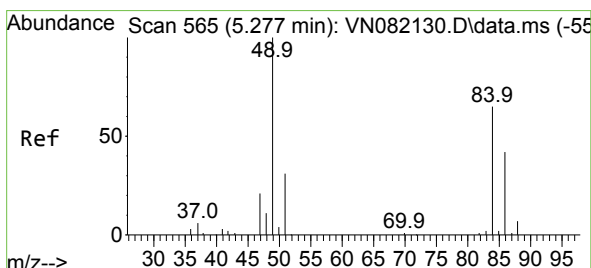
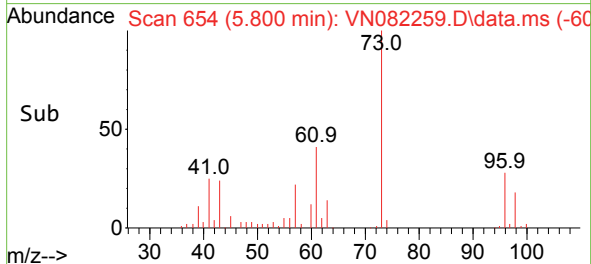
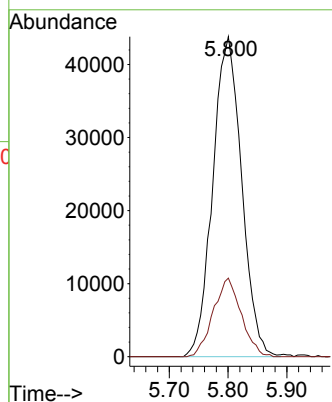
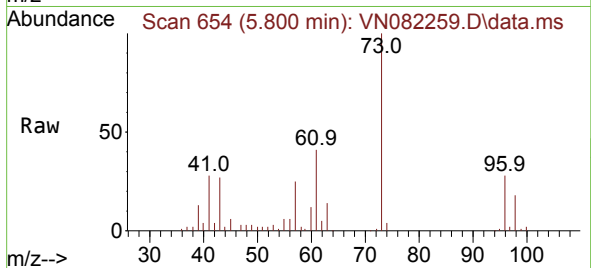




#19
Methyl tert-butyl Ether
Concen: 19.574 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN082259.D
Acq: 21 May 2024 23:32

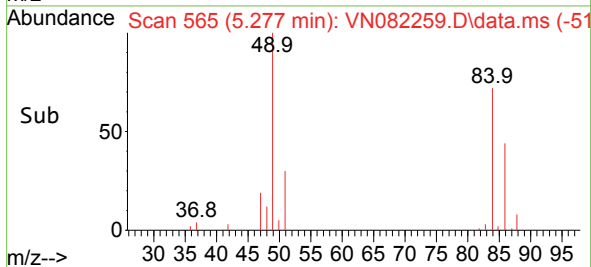
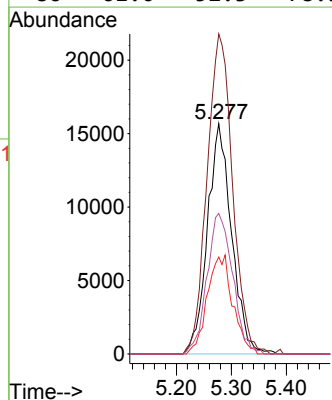
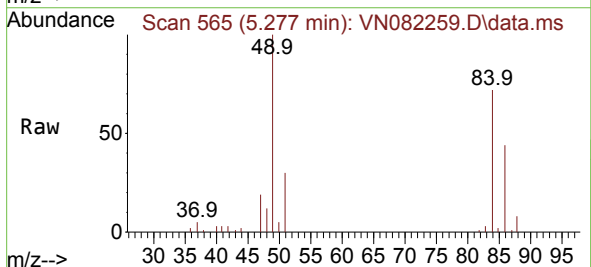
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS02

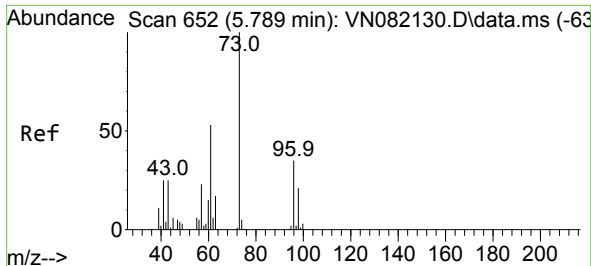
Tgt Ion: 73 Resp: 149449
Ion Ratio Lower Upper
73 100
57 24.5 16.5 24.7



#20
Methylene Chloride
Concen: 19.165 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN082259.D
Acq: 21 May 2024 23:32

Tgt Ion: 84 Resp: 47905
Ion Ratio Lower Upper
84 100
49 139.0 84.9 127.3#
51 42.1 27.0 40.6#
86 61.0 52.3 78.5

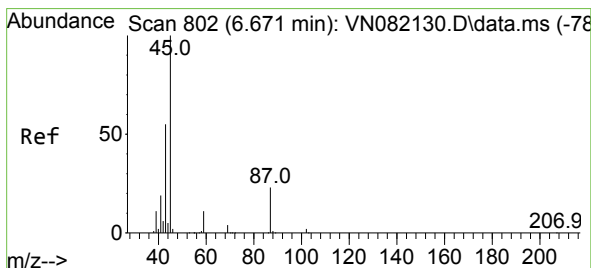
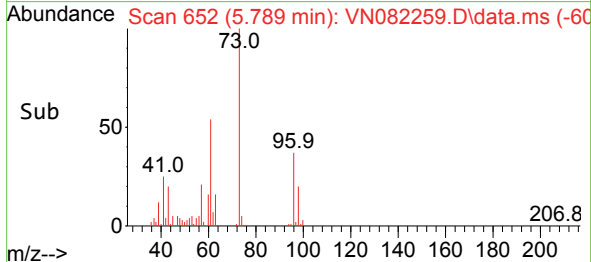
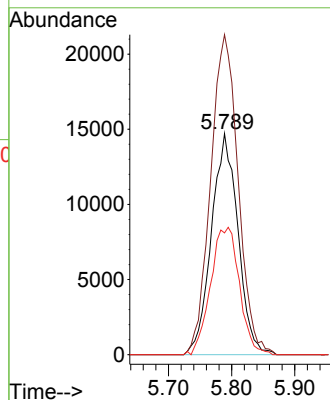
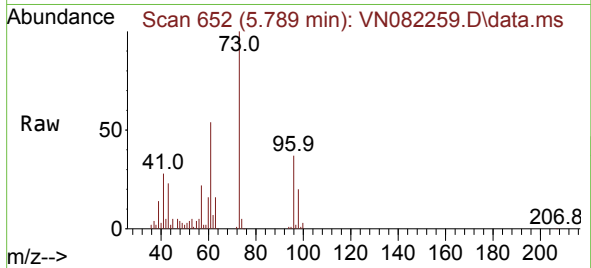




#21
trans-1,2-Dichloroethene
Concen: 18.846 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082259.D
Acq: 21 May 2024 23:32

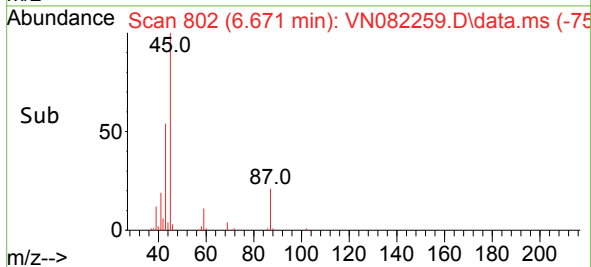
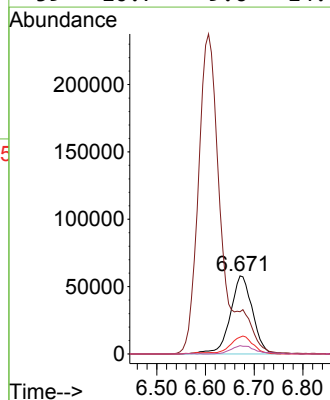
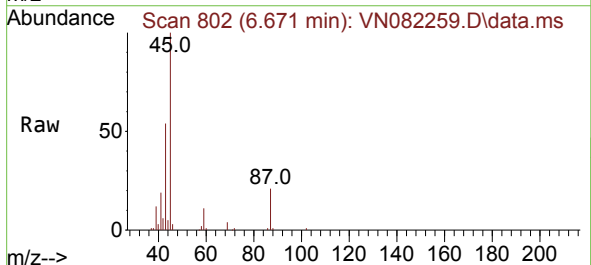
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS02

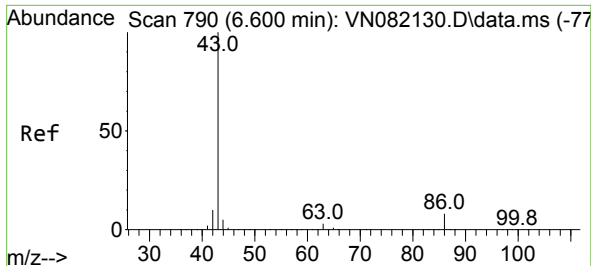
Tgt Ion: 96 Resp: 42899
Ion Ratio Lower Upper
96 100
61 144.7 96.5 144.7
98 55.1 51.3 76.9



#22
Diisopropyl ether
Concen: 19.559 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN082259.D
Acq: 21 May 2024 23:32

Tgt Ion: 45 Resp: 182658
Ion Ratio Lower Upper
45 100
43 52.4 44.1 66.1
87 21.4 27.0 40.6#
59 10.7 9.6 14.4

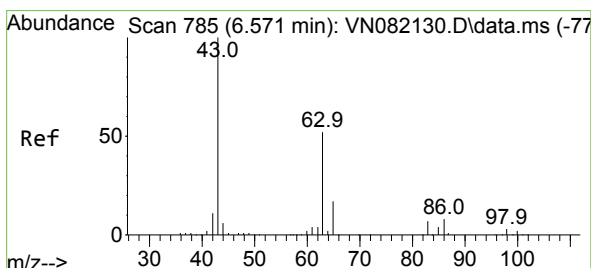
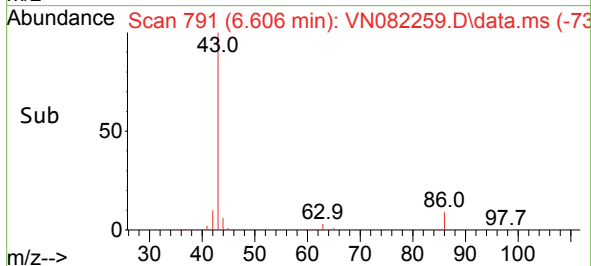
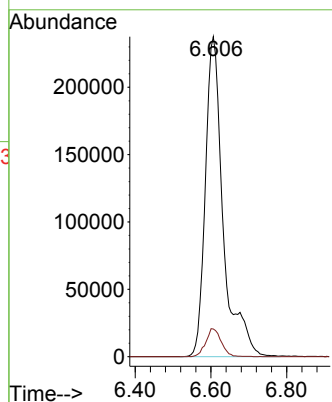
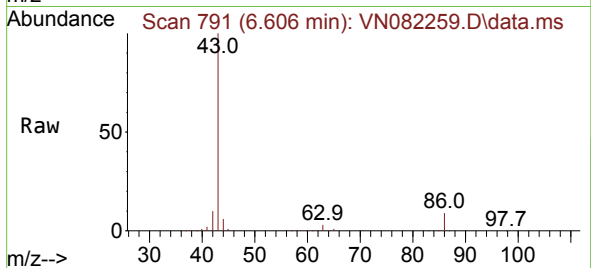




#23
 Vinyl Acetate
 Concen: 105.321 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN082259.D
 Acq: 21 May 2024 23:32

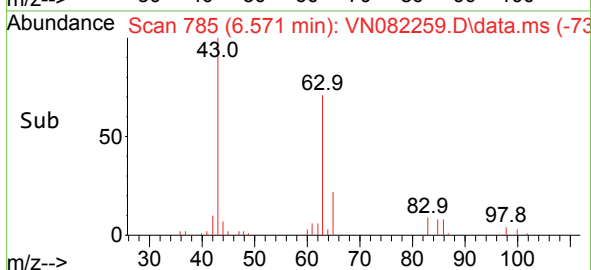
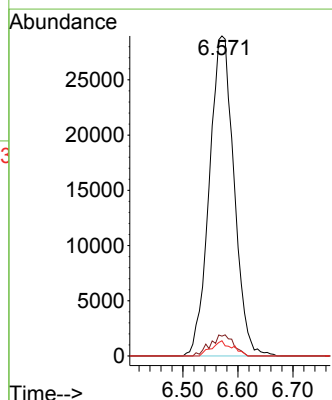
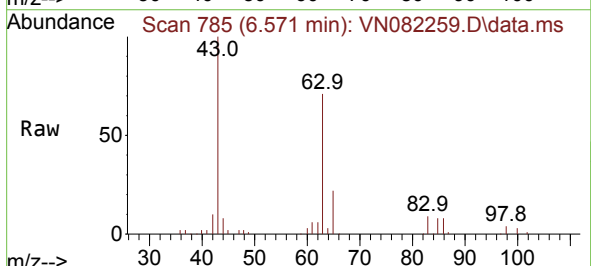
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521MBS02

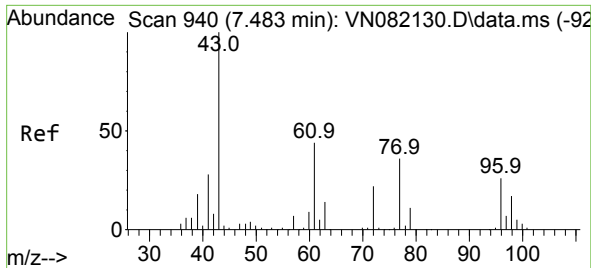
Tgt Ion: 43 Resp: 775453
 Ion Ratio Lower Upper
 43 100
 86 8.7 10.2 15.4#



#24
 1,1-Dichloroethane
 Concen: 18.774 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN082259.D
 Acq: 21 May 2024 23:32

Tgt Ion: 63 Resp: 90365
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.6 10.9
 100 4.7 2.6 7.8

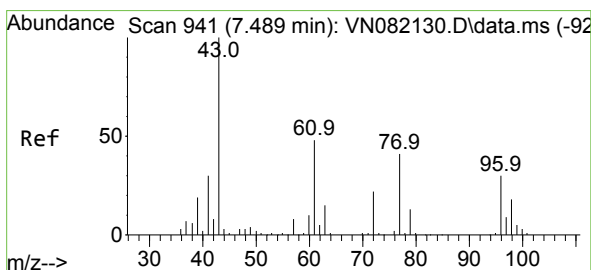
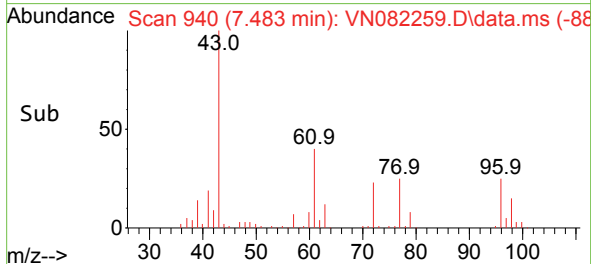
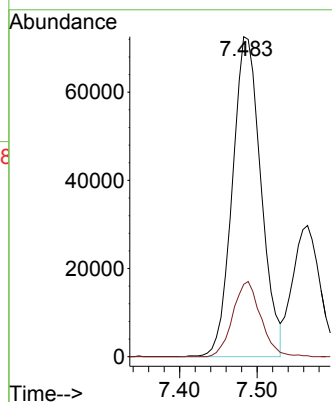
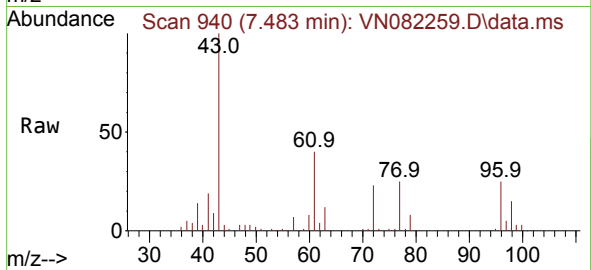




#25
2-Butanone
Concen: 99.287 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN082259.D
Acq: 21 May 2024 23:32

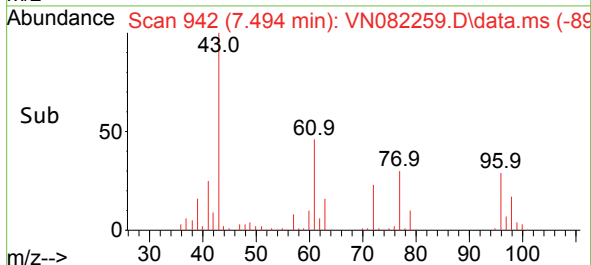
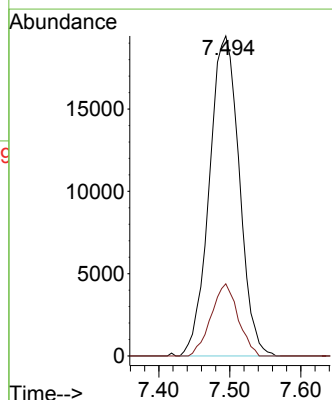
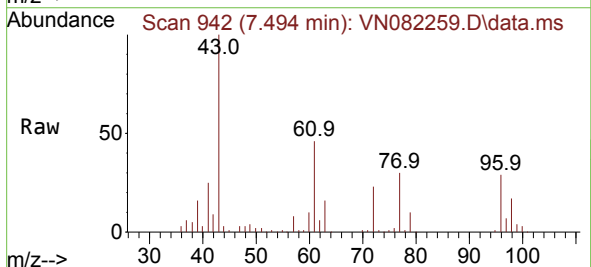
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS02

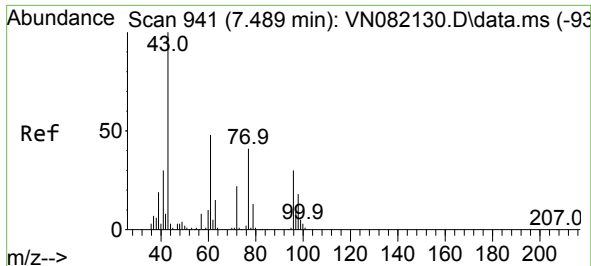
Tgt Ion: 43 Resp: 186499
Ion Ratio Lower Upper
43 100
72 22.6 25.3 37.9#



#26
2,2-Dichloropropane
Concen: 14.103 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN082259.D
Acq: 21 May 2024 23:32

Tgt Ion: 77 Resp: 56857
Ion Ratio Lower Upper
77 100
97 20.4 11.3 33.9

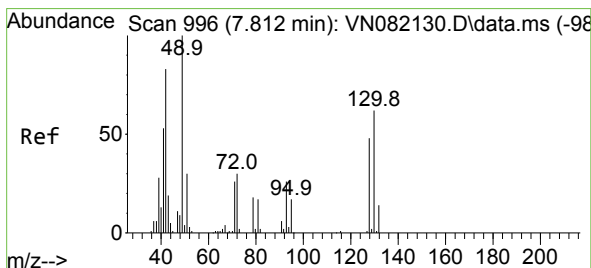
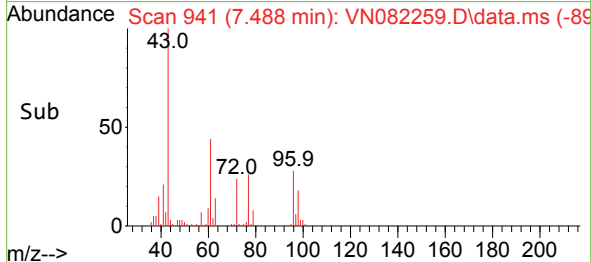
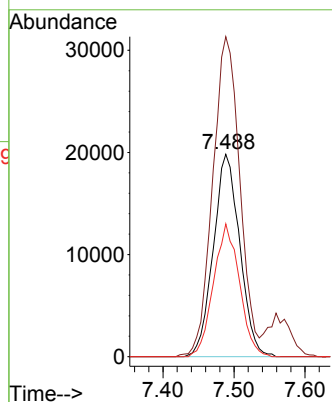
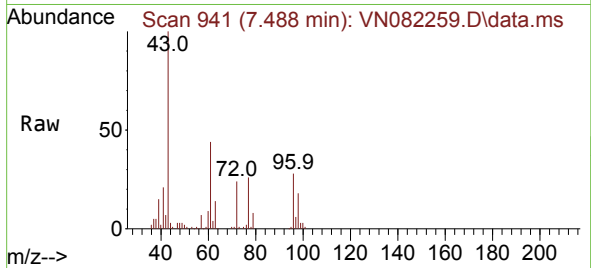




#27
 cis-1,2-Dichloroethene
 Concen: 19.045 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN082259.D
 Acq: 21 May 2024 23:32

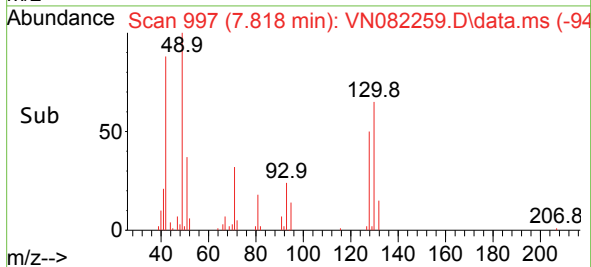
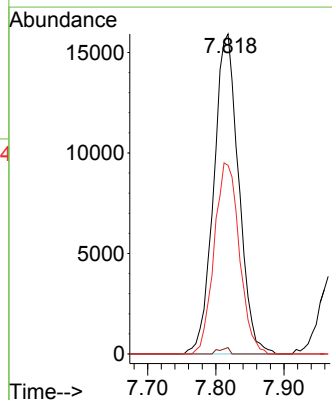
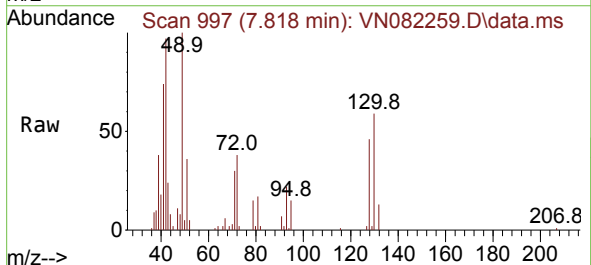
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521MBS02

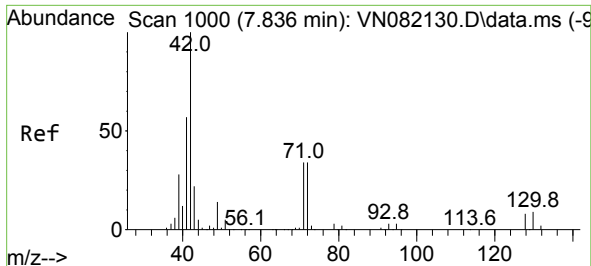
Tgt Ion: 96 Resp: 51164
 Ion Ratio Lower Upper
 96 100
 61 162.0 0.0 268.0
 98 64.3 0.0 126.8



#28
 Bromochloromethane
 Concen: 18.793 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN082259.D
 Acq: 21 May 2024 23:32

Tgt Ion: 49 Resp: 40573
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 4.6
 130 60.2 66.7 100.1#





#29

Tetrahydrofuran

Concen: 103.310 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.005 min

Lab File: VN082259.D

Acq: 21 May 2024 23:32

Instrument :

MSVOA_N

ClientSampleId :

VN0521MBS02

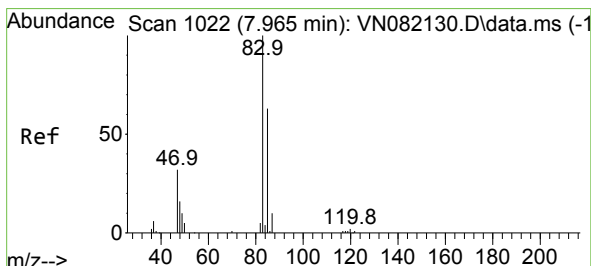
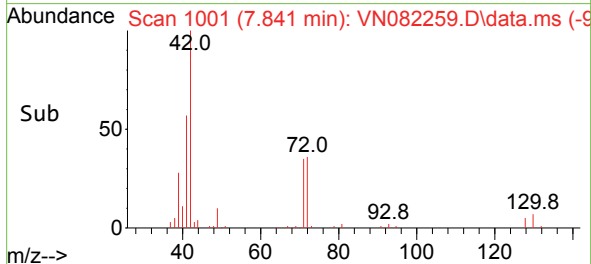
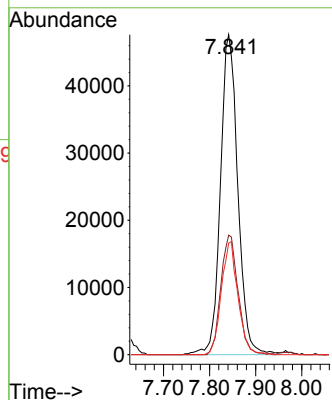
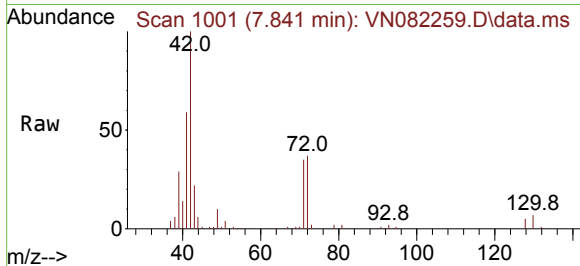
Tgt Ion: 42 Resp: 124594

Ion Ratio Lower Upper

42 100

72 37.0 39.3 58.9#

71 33.8 37.4 56.0#



#30

Chloroform

Concen: 19.420 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN082259.D

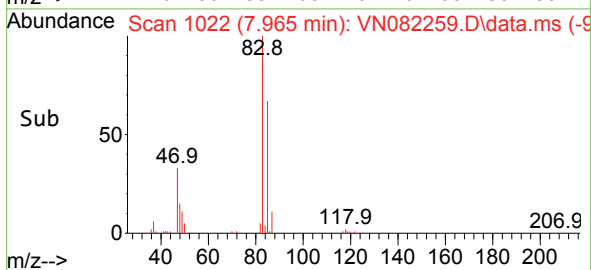
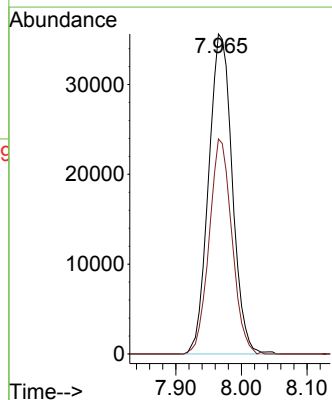
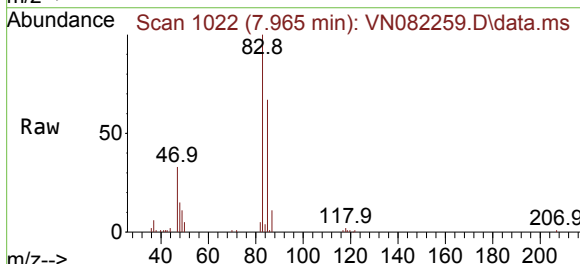
Acq: 21 May 2024 23:32

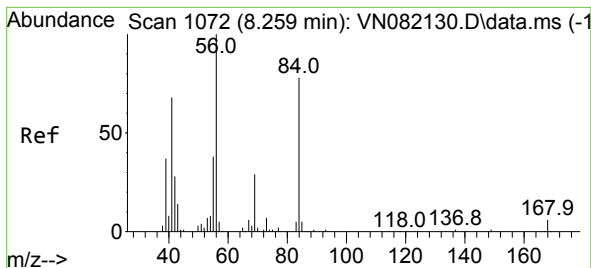
Tgt Ion: 83 Resp: 89265

Ion Ratio Lower Upper

83 100

85 67.2 50.7 76.1





#31

Cyclohexane

Concen: 17.358 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN082259.D

Acq: 21 May 2024 23:32

Instrument :

MSVOA_N

ClientSampleId :

VN0521MBS02

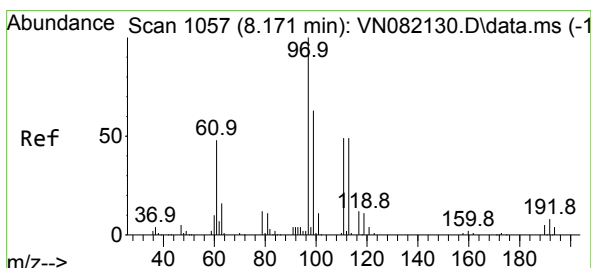
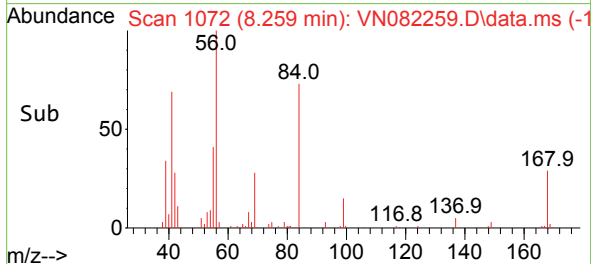
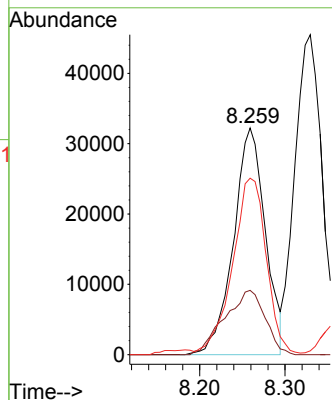
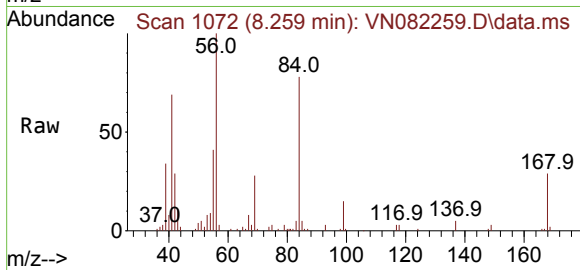
Tgt Ion: 56 Resp: 83727

Ion Ratio Lower Upper

56 100

69 27.8 24.4 36.6

84 75.9 77.0 115.4#



#32

1,1,1-Trichloroethane

Concen: 19.621 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN082259.D

Acq: 21 May 2024 23:32

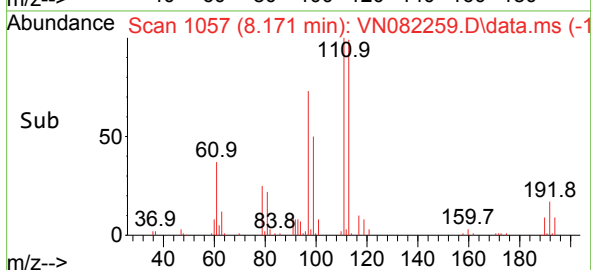
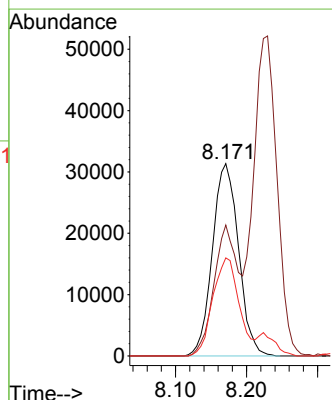
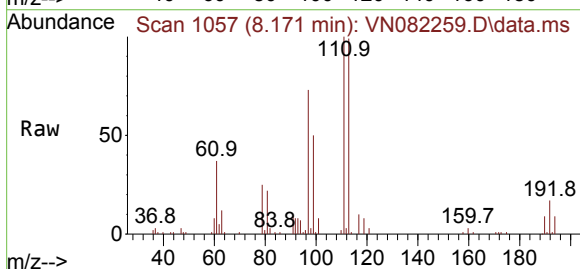
Tgt Ion: 97 Resp: 80014

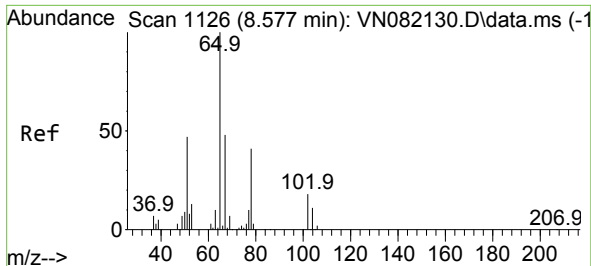
Ion Ratio Lower Upper

97 100

99 63.2 50.3 75.5

61 51.8 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 48.098 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN082259.D

Acq: 21 May 2024 23:32

Instrument :

MSVOA_N

ClientSampleId :

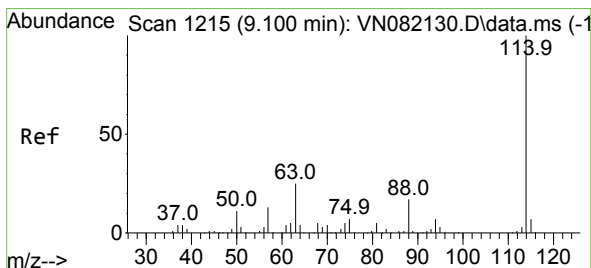
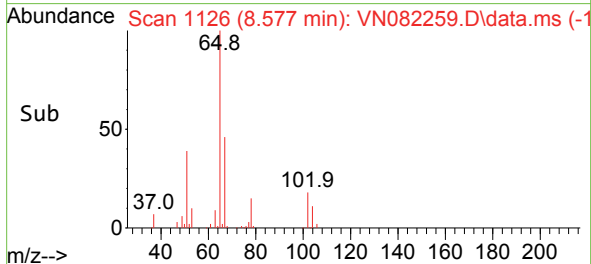
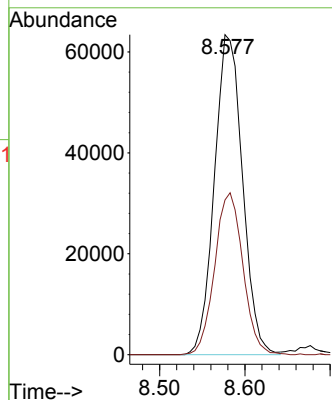
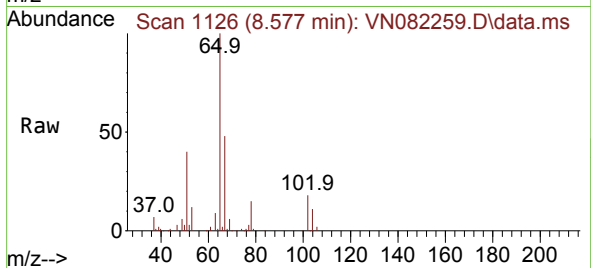
VN0521MBS02

Tgt Ion: 65 Resp: 145262

Ion Ratio Lower Upper

65 100

67 50.8 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: VN082259.D

Acq: 21 May 2024 23:32

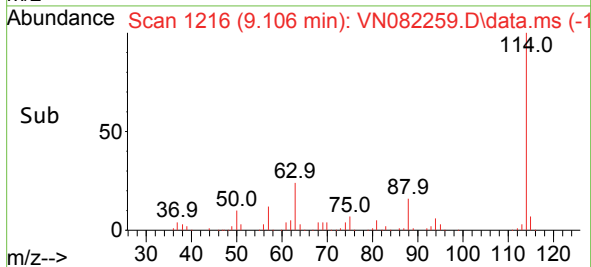
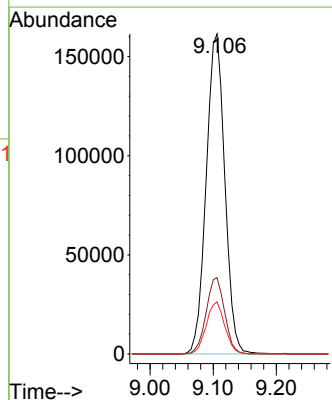
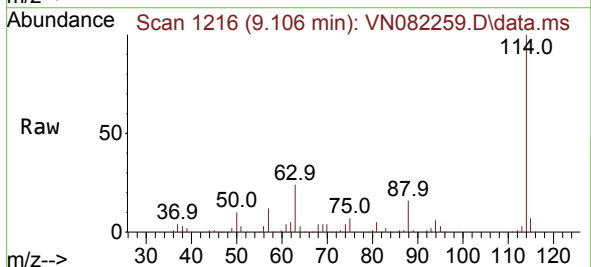
Tgt Ion: 114 Resp: 330031

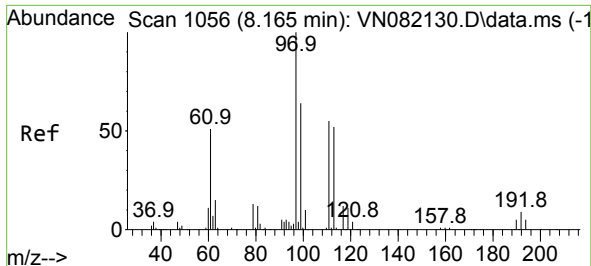
Ion Ratio Lower Upper

114 100

63 23.9 0.0 41.0

88 16.3 0.0 31.4

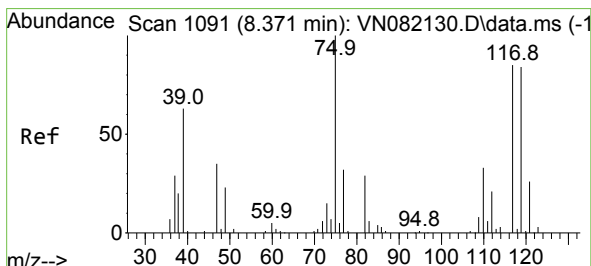
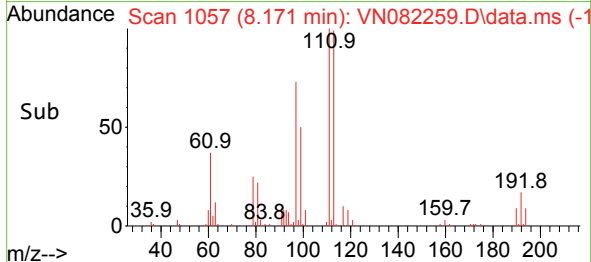
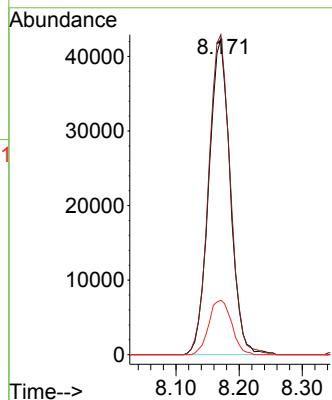
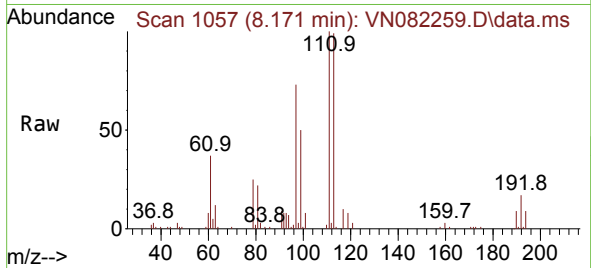




#35
Dibromofluoromethane
Concen: 48.992 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082259.D
Acq: 21 May 2024 23:32

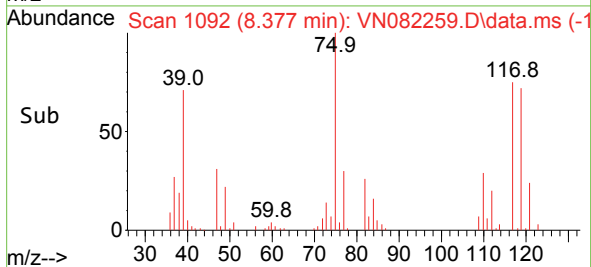
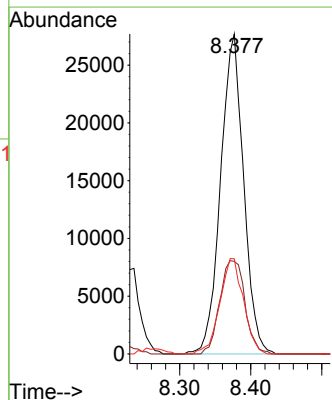
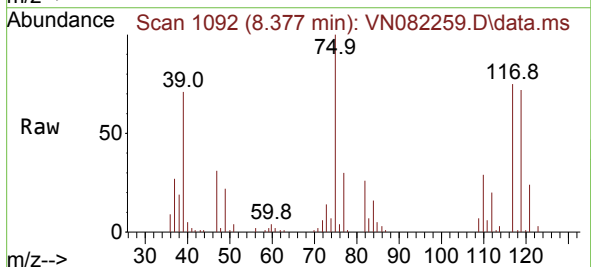
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS02

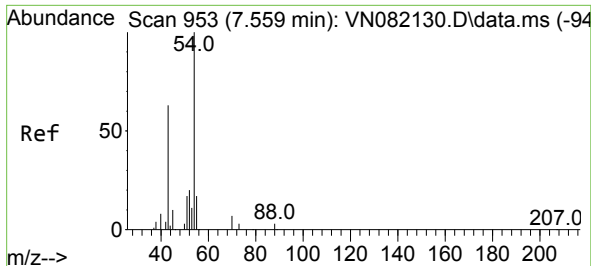
Tgt Ion:113 Resp: 99464
Ion Ratio Lower Upper
113 100
111 102.7 83.4 125.2
192 18.4 14.0 21.0



#36
1,1-Dichloropropene
Concen: 18.287 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VN082259.D
Acq: 21 May 2024 23:32

Tgt Ion: 75 Resp: 62266
Ion Ratio Lower Upper
75 100
110 31.8 17.8 53.5
77 30.6 25.0 37.4

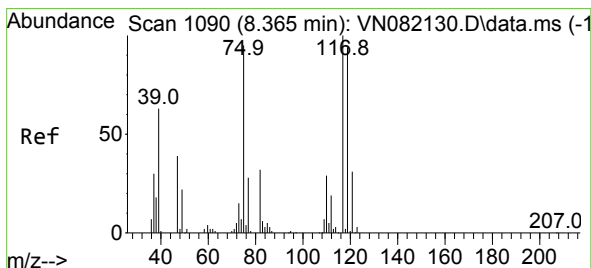
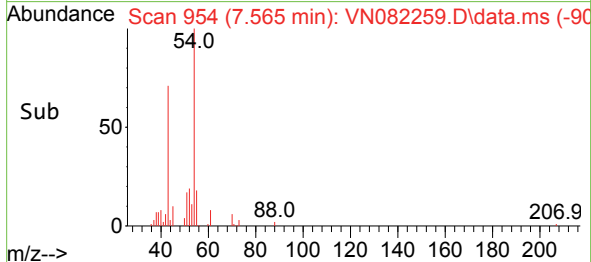
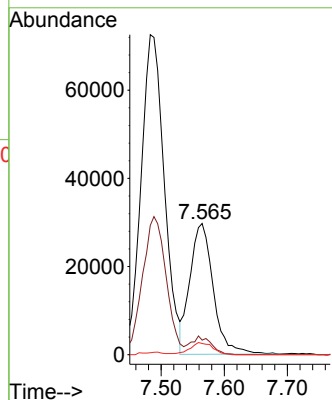
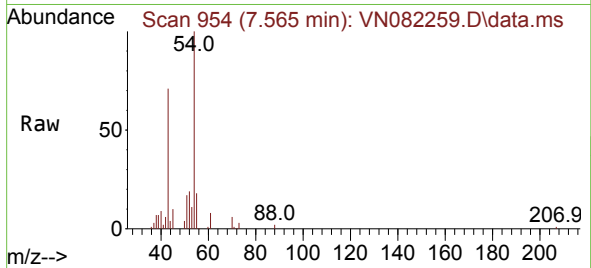




#37
Ethyl Acetate
Concen: 20.026 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN082259.D
Acq: 21 May 2024 23:32

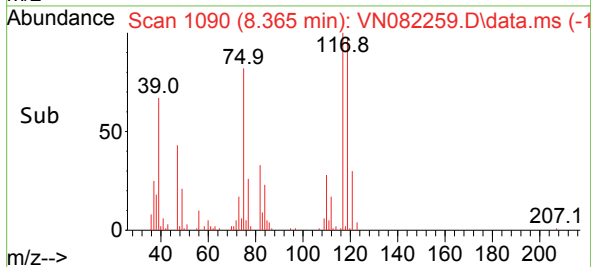
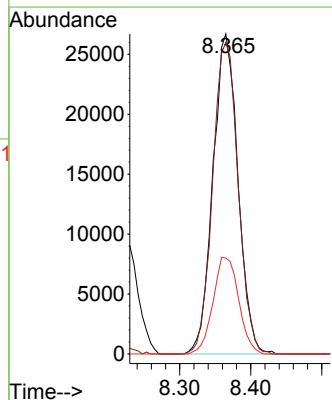
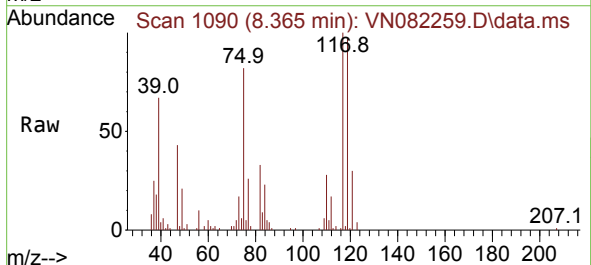
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS02

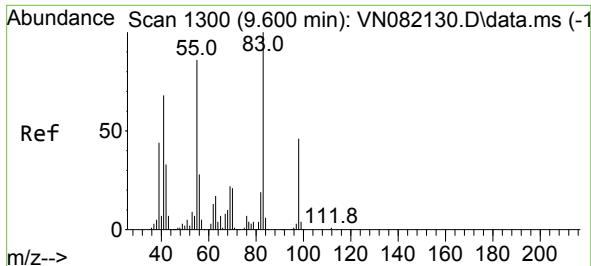
Tgt Ion: 43 Resp: 76312
Ion Ratio Lower Upper
43 100
61 12.3 11.3 16.9
70 9.0 8.7 13.1



#38
Carbon Tetrachloride
Concen: 18.916 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN082259.D
Acq: 21 May 2024 23:32

Tgt Ion: 117 Resp: 65290
Ion Ratio Lower Upper
117 100
119 97.4 76.5 114.7
121 30.0 23.9 35.9





#39

Methylcyclohexane

Concen: 18.120 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN082259.D

Acq: 21 May 2024 23:32

Instrument :

MSVOA_N

ClientSampleId :

VN0521MBS02

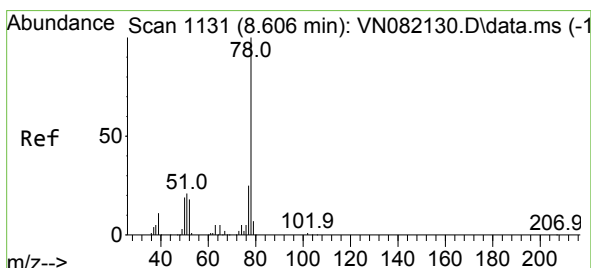
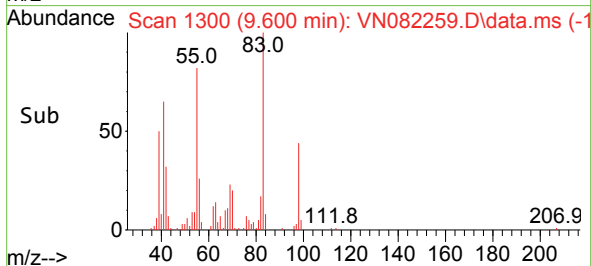
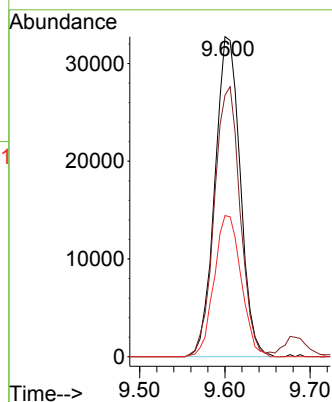
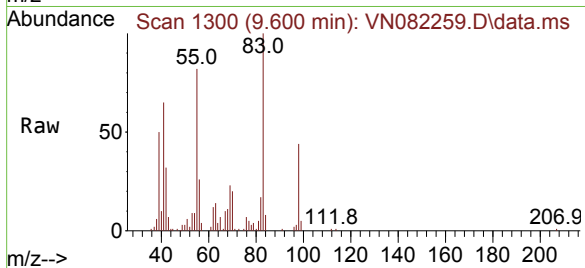
Tgt Ion: 83 Resp: 67628

Ion Ratio Lower Upper

83 100

55 81.7 53.0 79.6#

98 44.1 37.1 55.7



#40

Benzene

Concen: 19.323 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN082259.D

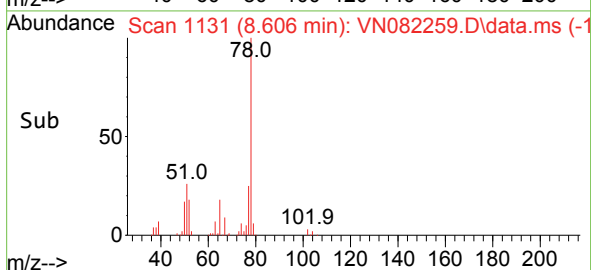
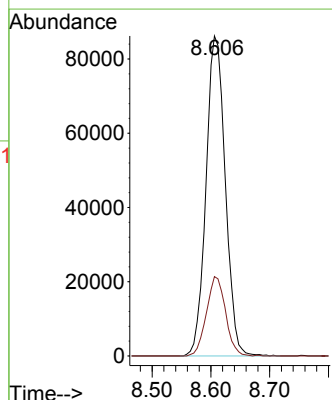
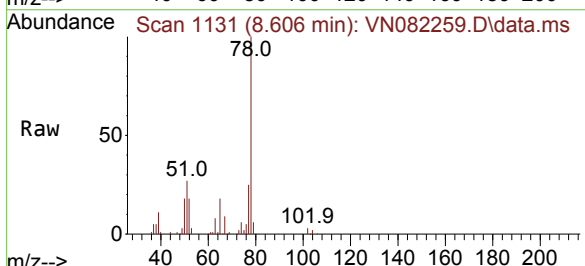
Acq: 21 May 2024 23:32

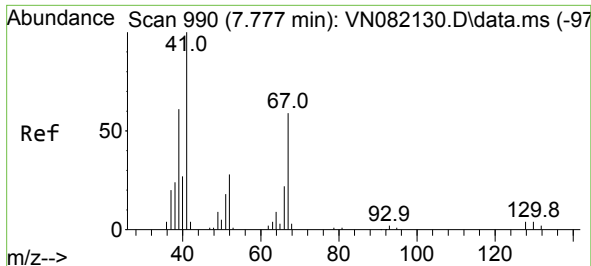
Tgt Ion: 78 Resp: 196200

Ion Ratio Lower Upper

78 100

77 24.8 20.0 30.0

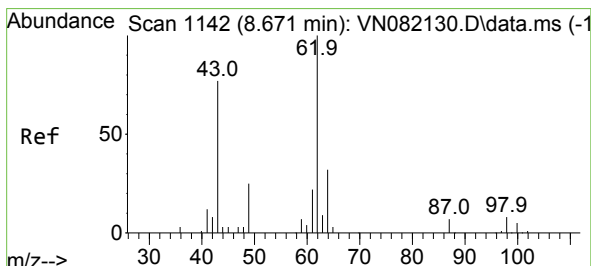
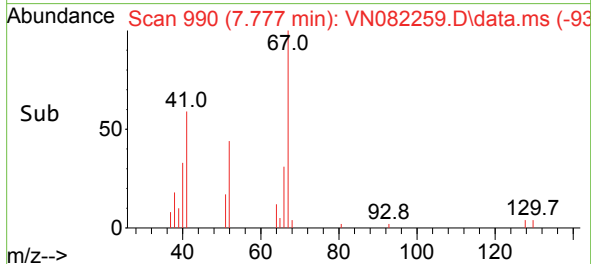
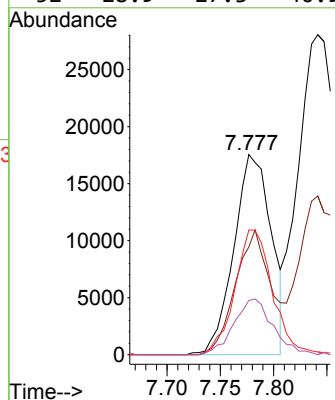
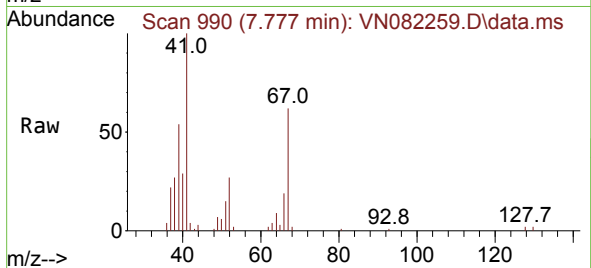




#41
Methacrylonitrile
Concen: 19.150 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN082259.D
Acq: 21 May 2024 23:32

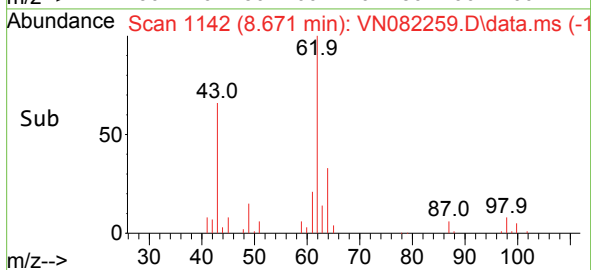
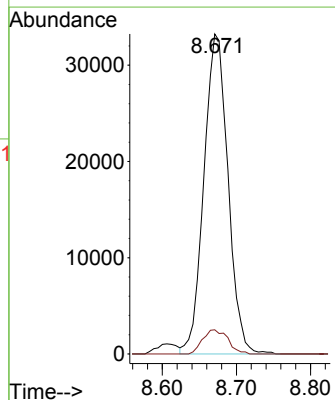
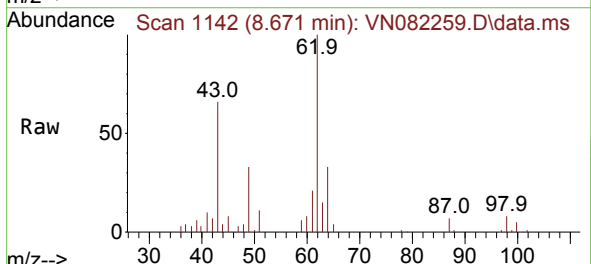
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS02

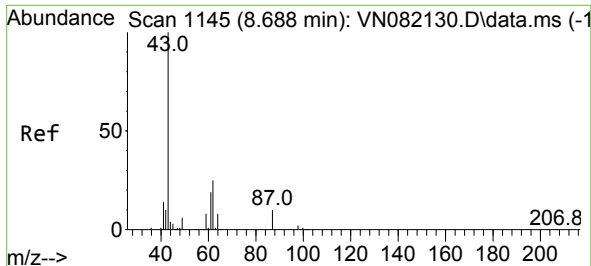
Tgt Ion:	41	Resp:	42916
Ion	Ratio	Lower	Upper
41	100		
39	61.3	46.6	69.8
67	62.6	67.3	100.9
52	28.9	27.3	40.9



#42
1,2-Dichloroethane
Concen: 19.221 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN082259.D
Acq: 21 May 2024 23:32

Tgt Ion:	62	Resp:	75061
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	19.6

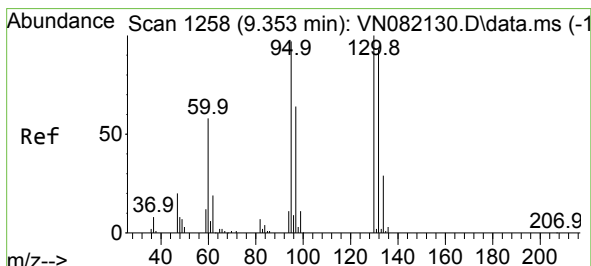
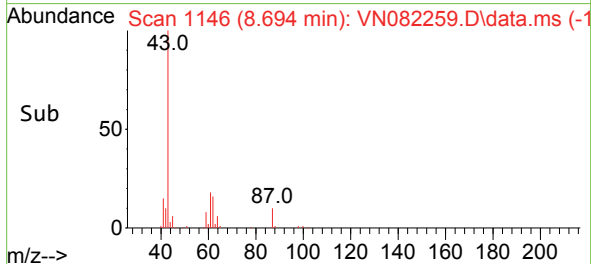
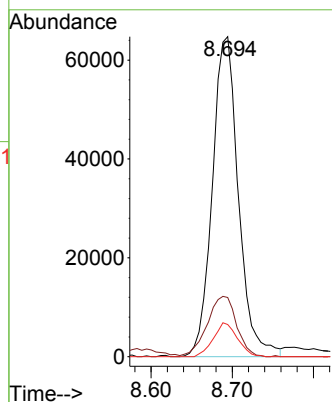
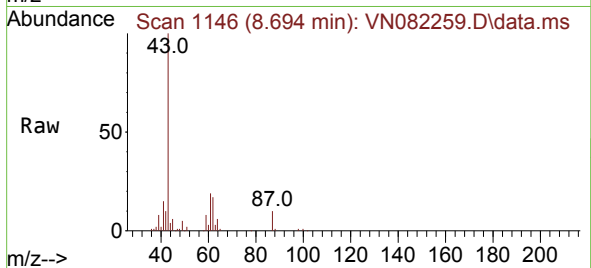




#43
Isopropyl Acetate
Concen: 21.475 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN082259.D
Acq: 21 May 2024 23:32

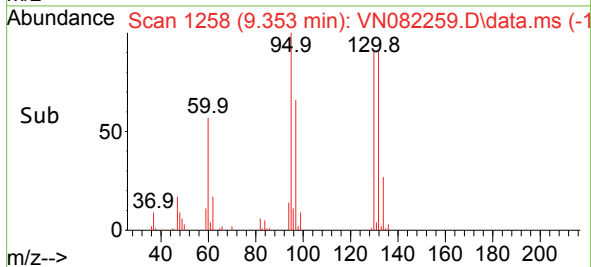
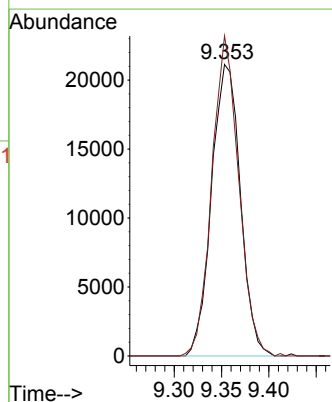
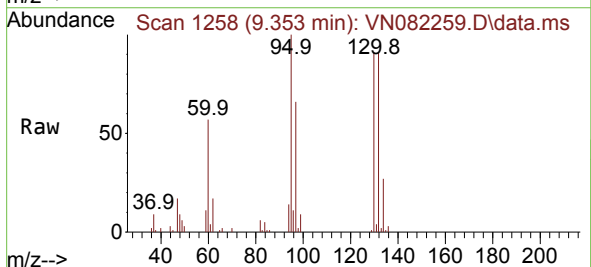
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS02

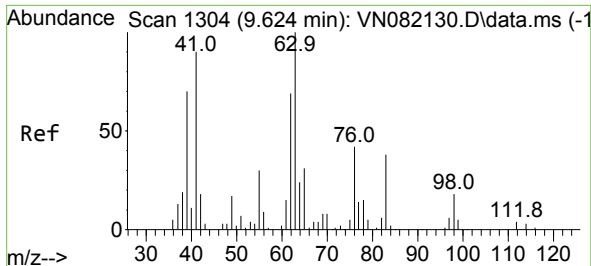
Tgt Ion: 43 Resp: 145003
Ion Ratio Lower Upper
43 100
61 21.2 22.8 34.2#
87 9.8 12.0 18.0#



#44
Trichloroethene
Concen: 19.398 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN082259.D
Acq: 21 May 2024 23:32

Tgt Ion:130 Resp: 44740
Ion Ratio Lower Upper
130 100
95 109.8 0.0 195.4





#45

1,2-Dichloropropane

Concen: 19.220 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN082259.D

Acq: 21 May 2024 23:32

Instrument :

MSVOA_N

ClientSampleId :

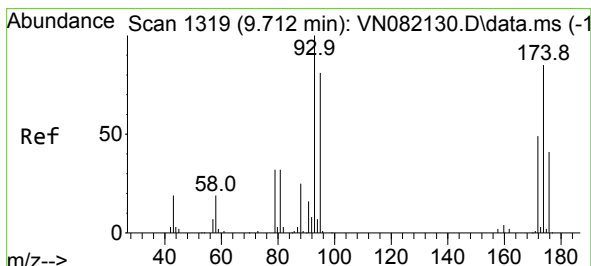
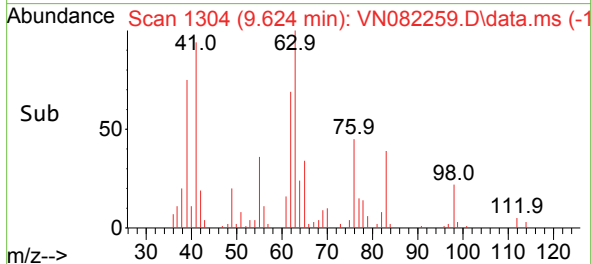
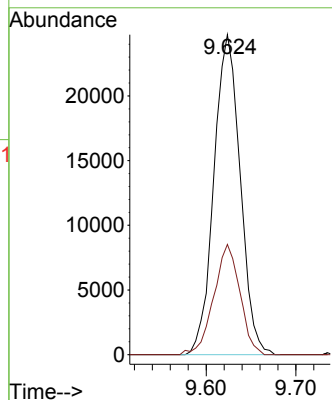
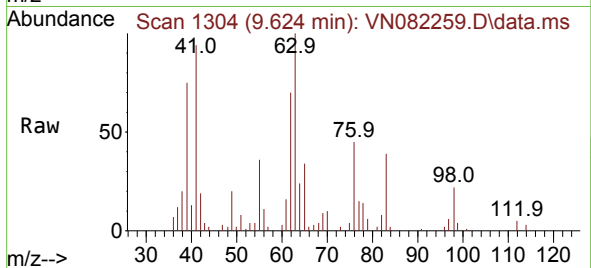
VN0521MBS02

Tgt Ion: 63 Resp: 50351

Ion Ratio Lower Upper

63 100

65 34.5 24.1 36.1



#46

Dibromomethane

Concen: 19.655 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN082259.D

Acq: 21 May 2024 23:32

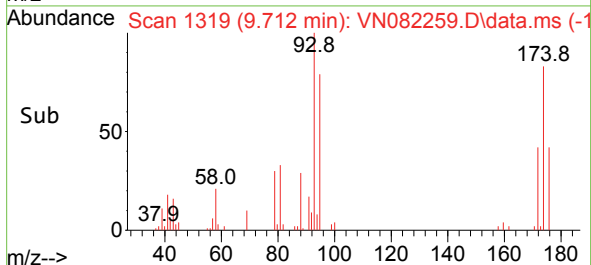
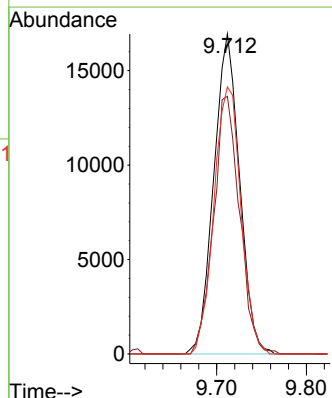
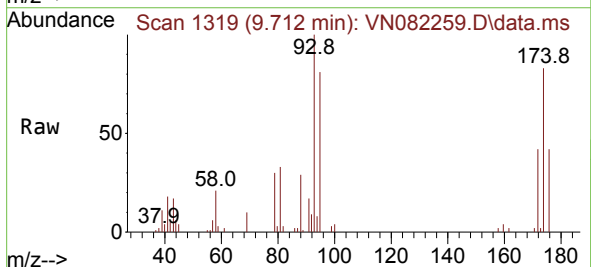
Tgt Ion: 93 Resp: 33805

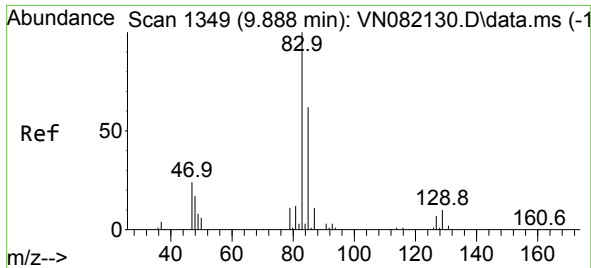
Ion Ratio Lower Upper

93 100

95 81.5 64.8 97.2

174 87.4 73.4 110.0

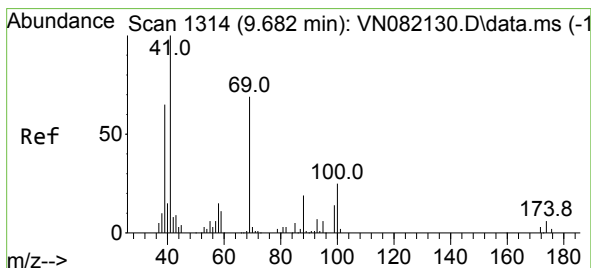
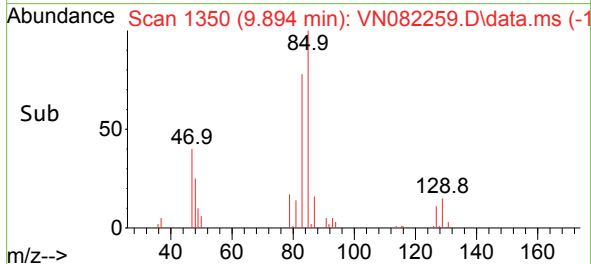
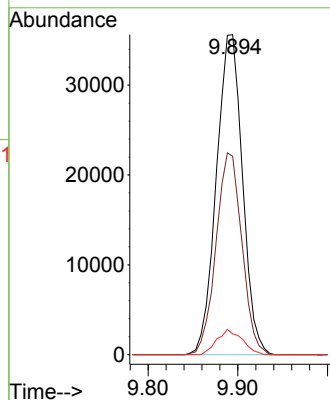
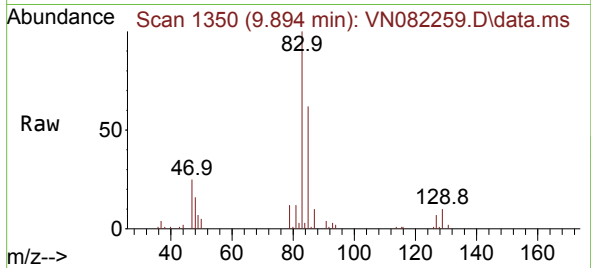




#47
Bromodichloromethane
Concen: 19.838 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN082259.D
Acq: 21 May 2024 23:32

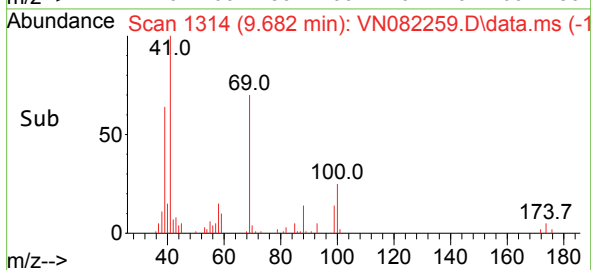
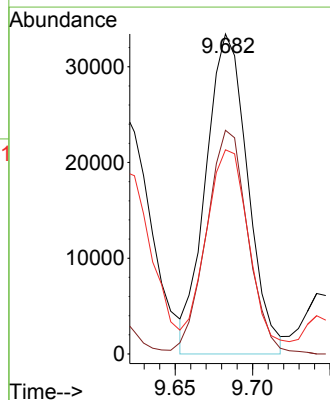
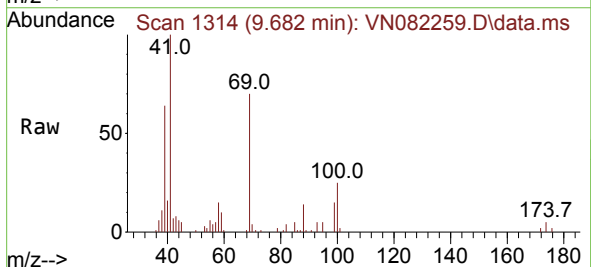
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS02

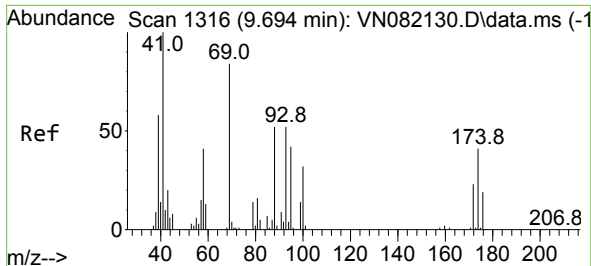
Tgt Ion: 83 Resp: 72031
Ion Ratio Lower Upper
83 100
85 62.0 51.9 77.9
127 6.5 7.5 11.3#



#48
Methyl methacrylate
Concen: 19.524 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN082259.D
Acq: 21 May 2024 23:32

Tgt Ion: 41 Resp: 62815
Ion Ratio Lower Upper
41 100
69 69.3 77.9 116.9#
39 67.0 50.9 76.3





#49

1,4-Dioxane

Concen: 418.640 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082259.D

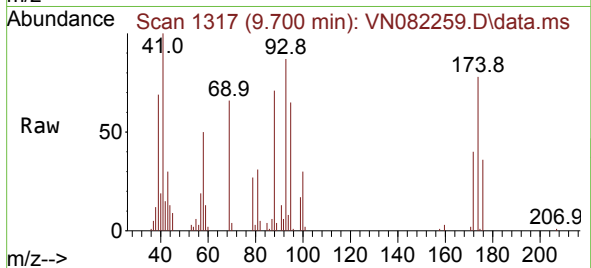
Acq: 21 May 2024 23:32

Instrument :

MSVOA_N

ClientSampleId :

VN0521MBS02



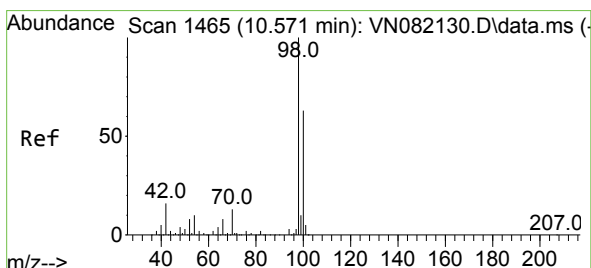
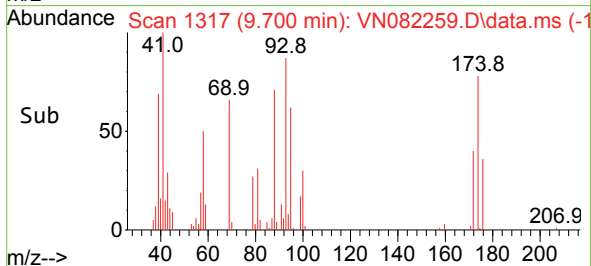
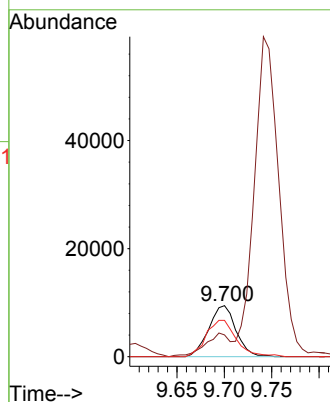
Tgt Ion: 88 Resp: 18874

Ion Ratio Lower Upper

88 100

43 40.4 19.0 28.6#

58 78.9 50.6 76.0#



#50

Toluene-d8

Concen: 47.591 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN082259.D

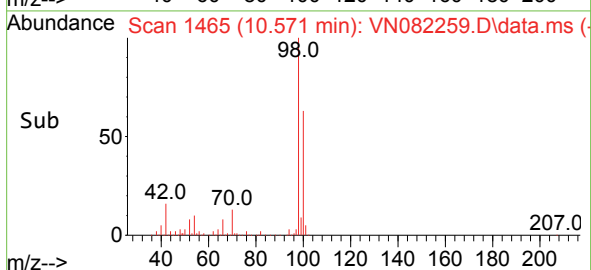
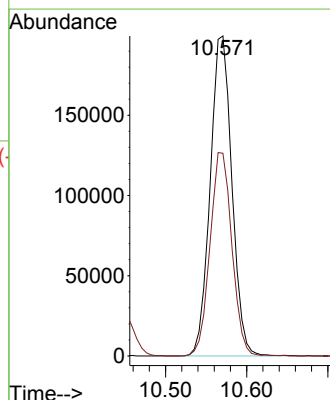
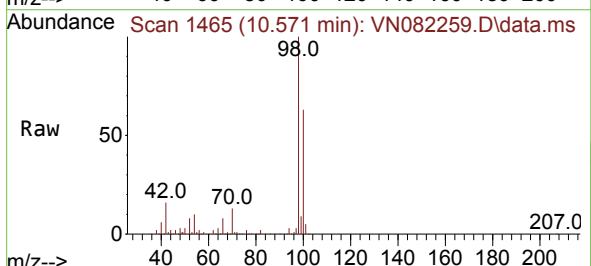
Acq: 21 May 2024 23:32

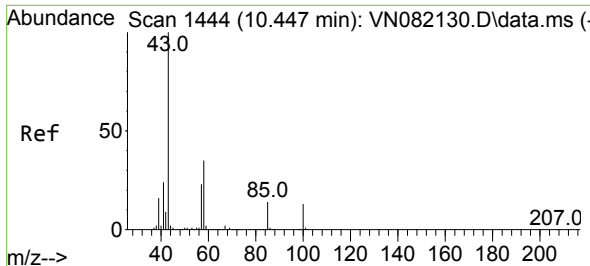
Tgt Ion: 98 Resp: 370434

Ion Ratio Lower Upper

98 100

100 64.1 51.8 77.6

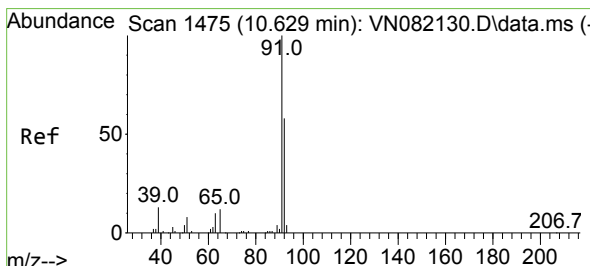
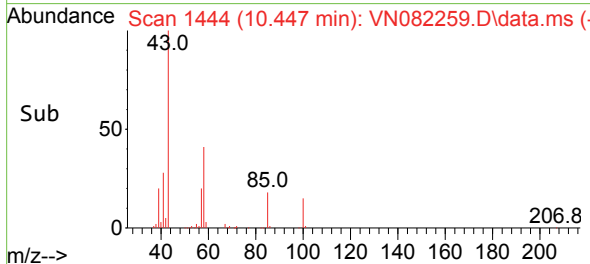
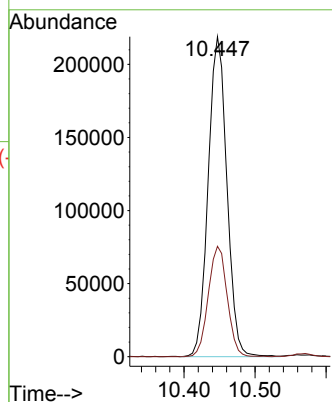
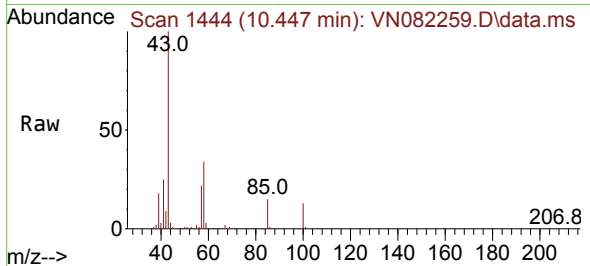




#51
4-Methyl-2-Pentanone
Concen: 104.338 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082259.D
Acq: 21 May 2024 23:32

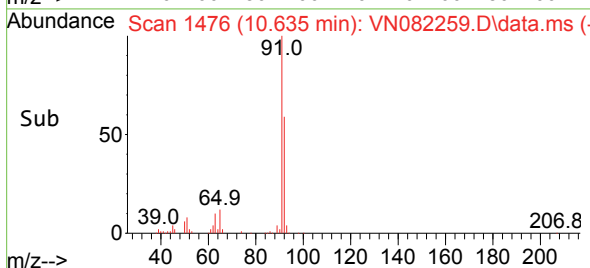
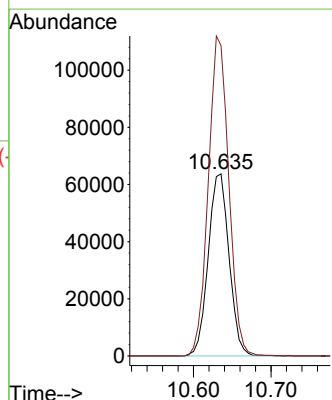
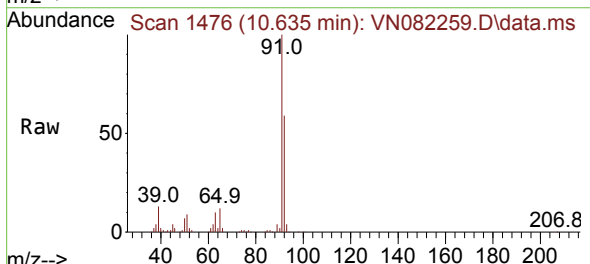
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS02

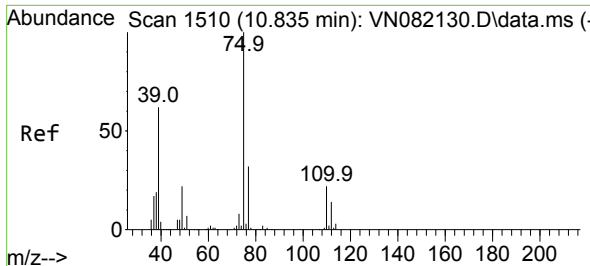
Tgt Ion: 43 Resp: 400272
Ion Ratio Lower Upper
43 100
58 34.8 33.2 49.8



#52
Toluene
Concen: 19.591 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN082259.D
Acq: 21 May 2024 23:32

Tgt Ion: 92 Resp: 119374
Ion Ratio Lower Upper
92 100
91 172.4 136.7 205.1

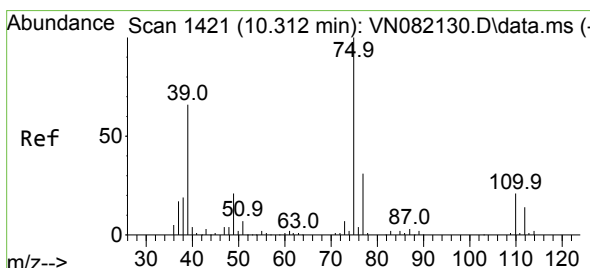
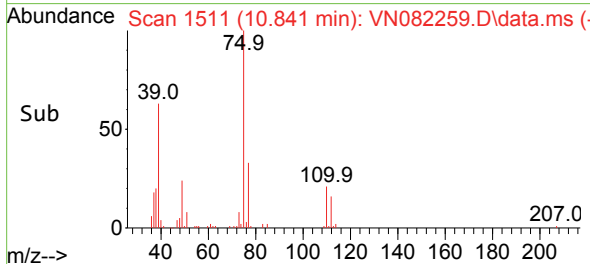
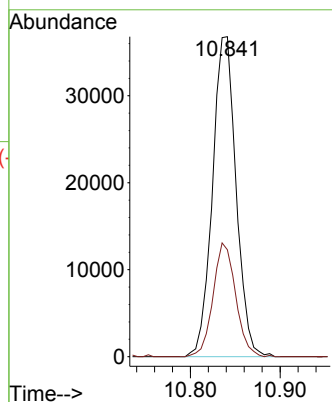
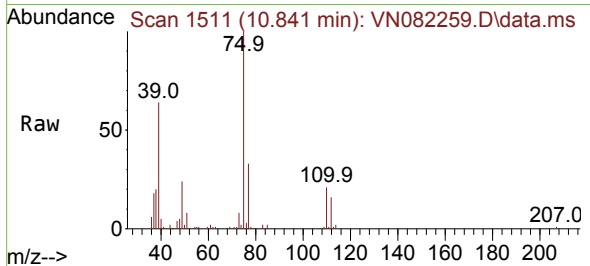




#53
 t-1,3-Dichloropropene
 Concen: 17.911 ug/l
 RT: 10.841 min Scan# 1510
 Delta R.T. 0.006 min
 Lab File: VN082259.D
 Acq: 21 May 2024 23:32

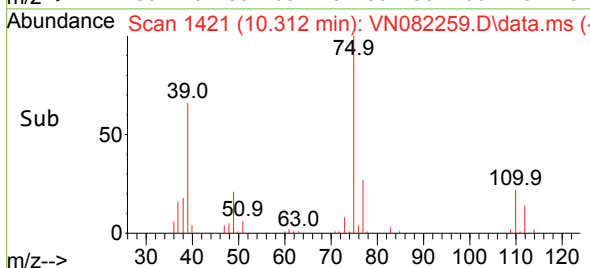
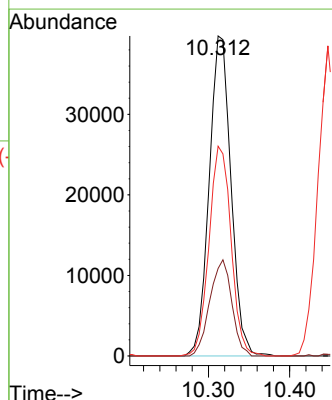
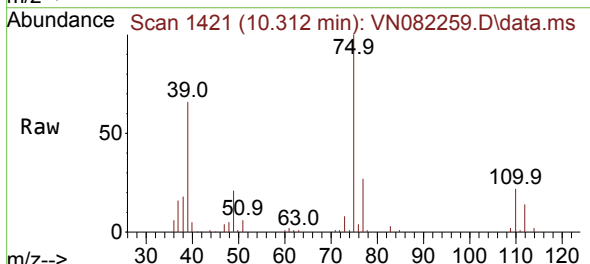
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521MBS02

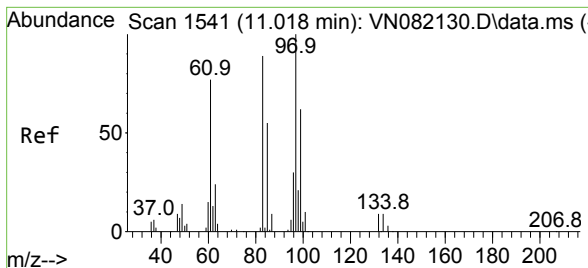
Tgt Ion: 75 Resp: 67259
 Ion Ratio Lower Upper
 75 100
 77 33.4 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 18.631 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN082259.D
 Acq: 21 May 2024 23:32

Tgt Ion: 75 Resp: 74058
 Ion Ratio Lower Upper
 75 100
 77 27.4 25.0 37.4
 39 65.5 34.8 52.2#





#55

1,1,2-Trichloroethane

Concen: 19.913 ug/l

RT: 11.024 min Scan# 1542

Delta R.T. 0.006 min

Lab File: VN082259.D

Acq: 21 May 2024 23:32

Instrument :

MSVOA_N

ClientSampleId :

VN0521MBS02

Tgt Ion: 97 Resp: 44094

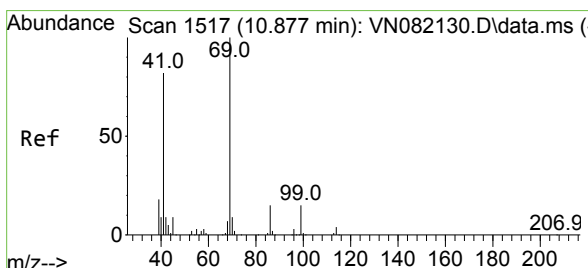
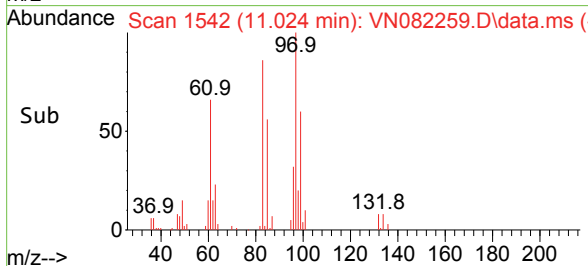
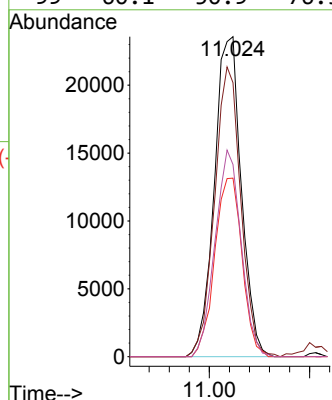
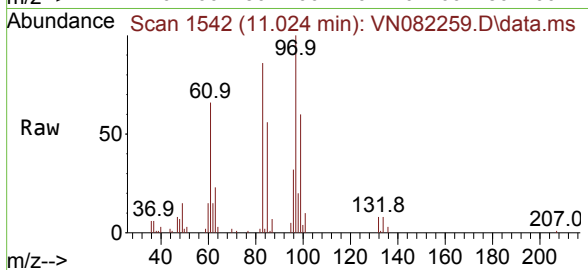
Ion Ratio Lower Upper

97 100

83 85.6 70.4 105.6

85 55.8 45.6 68.4

99 60.1 50.9 76.3



#56

Ethyl methacrylate

Concen: 20.180 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VN082259.D

Acq: 21 May 2024 23:32

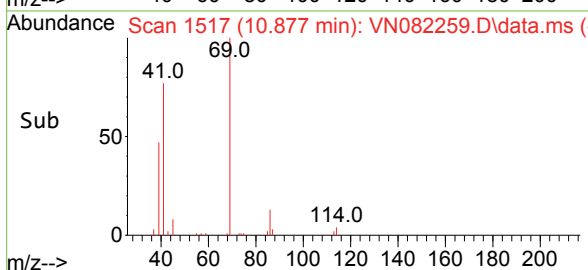
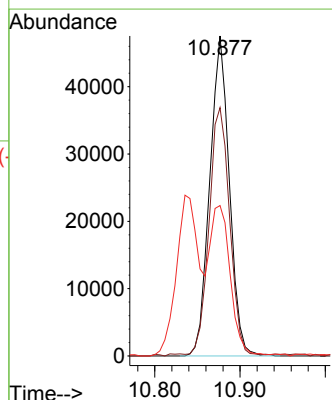
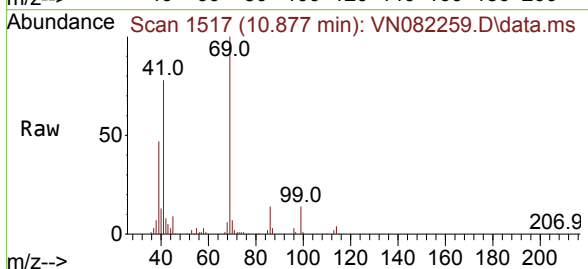
Tgt Ion: 69 Resp: 75867

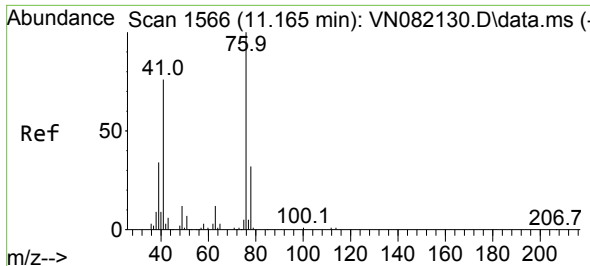
Ion Ratio Lower Upper

69 100

41 82.2 46.6 70.0#

39 47.5 26.5 39.7#

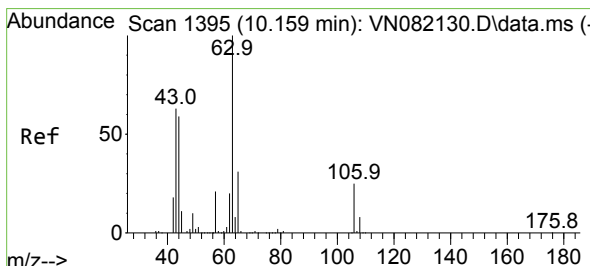
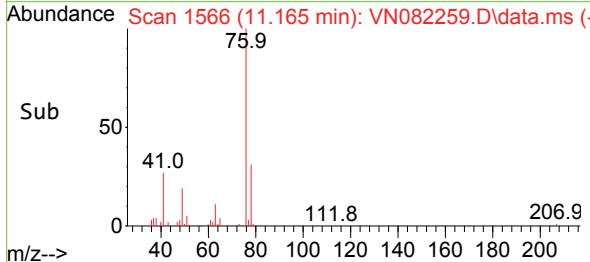
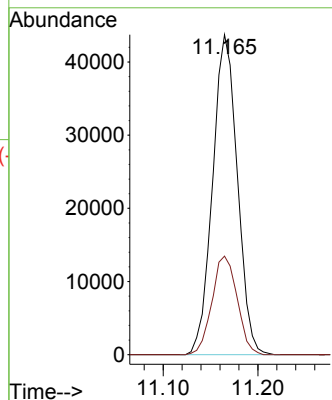
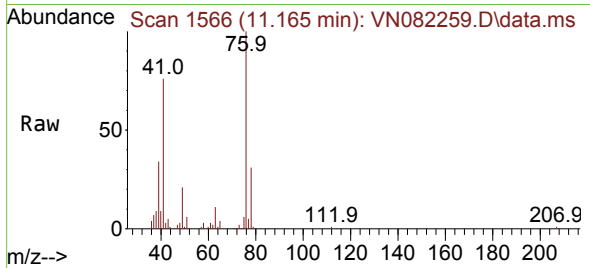




#57
1,3-Dichloropropane
Concen: 19.173 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN082259.D
Acq: 21 May 2024 23:32

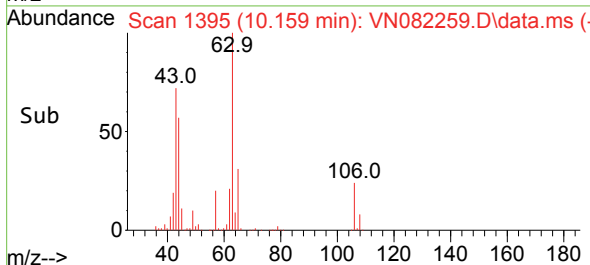
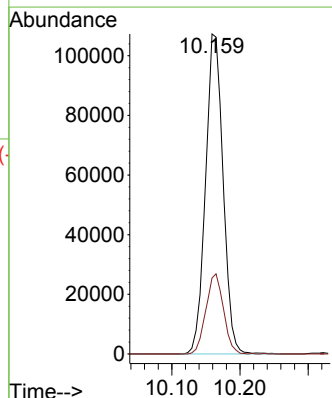
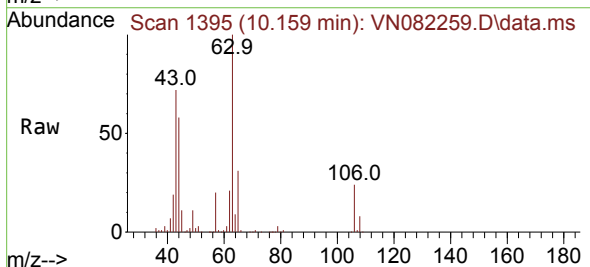
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS02

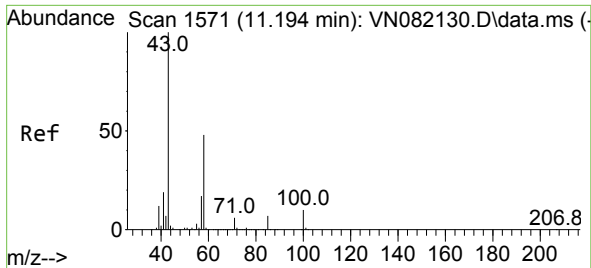
Tgt Ion: 76 Resp: 79378
Ion Ratio Lower Upper
76 100
78 31.3 25.8 38.6



#58
2-Chloroethyl Vinyl ether
Concen: 99.207 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN082259.D
Acq: 21 May 2024 23:32

Tgt Ion: 63 Resp: 192376
Ion Ratio Lower Upper
63 100
106 25.0 24.6 36.8

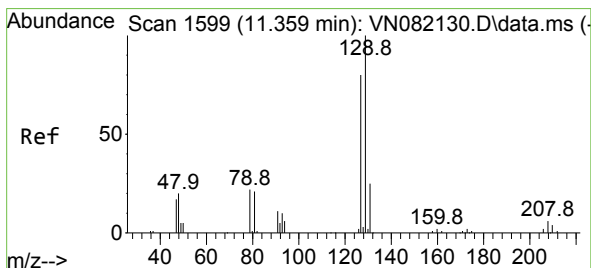
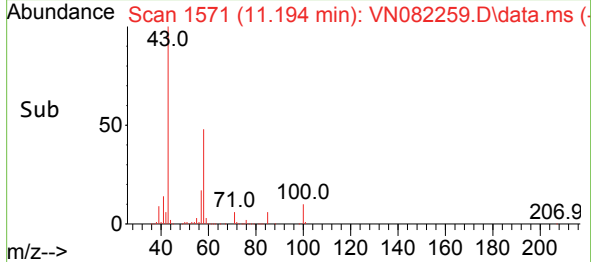
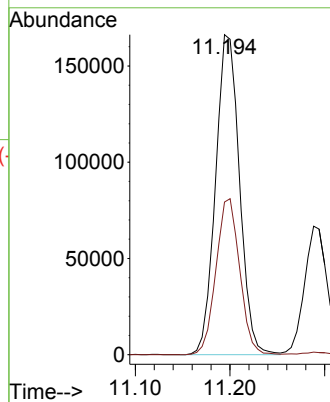
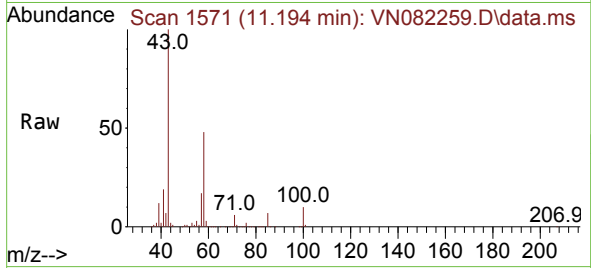




#59
2-Hexanone
Concen: 104.159 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN082259.D
Acq: 21 May 2024 23:32

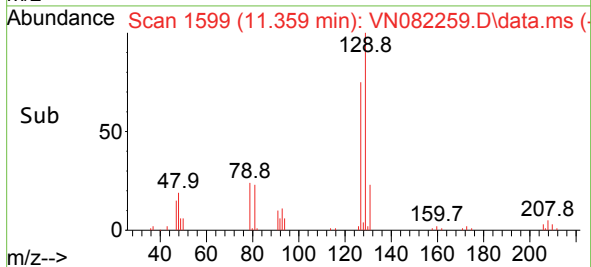
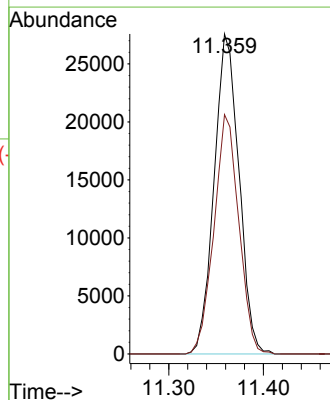
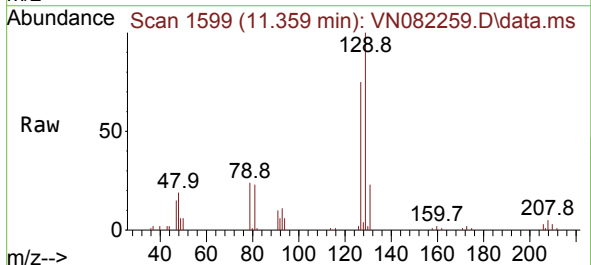
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS02

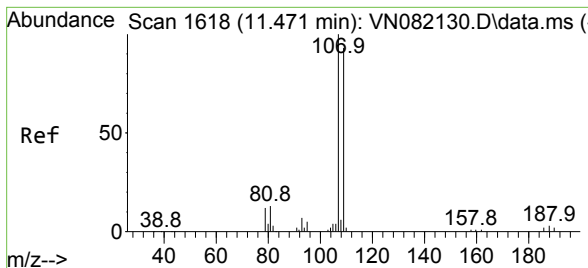
Tgt Ion: 43 Resp: 292580
Ion Ratio Lower Upper
43 100
58 48.2 28.3 84.9



#60
Dibromochloromethane
Concen: 20.557 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN082259.D
Acq: 21 May 2024 23:32

Tgt Ion: 129 Resp: 50235
Ion Ratio Lower Upper
129 100
127 74.9 38.3 114.8

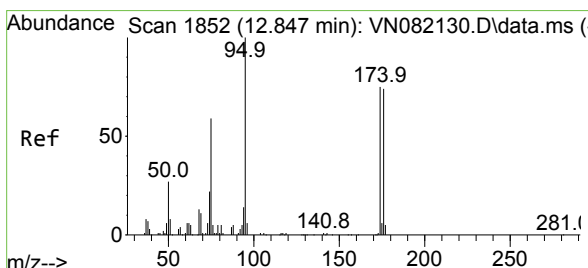
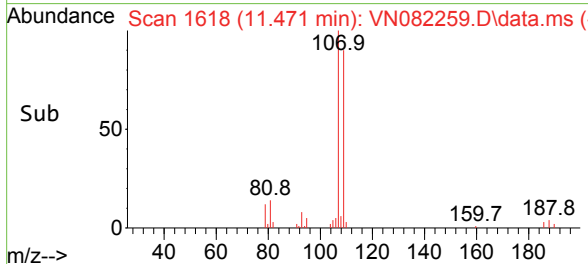
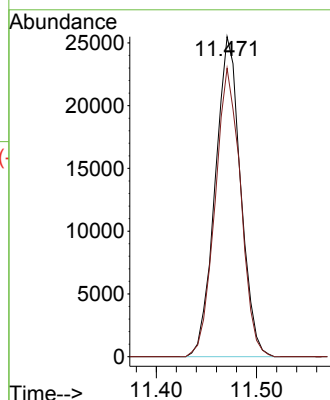
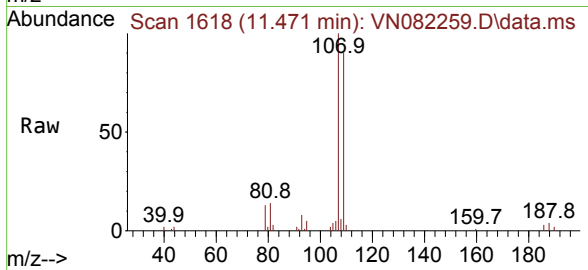




#61
1,2-Dibromoethane
Concen: 19.728 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN082259.D
Acq: 21 May 2024 23:32

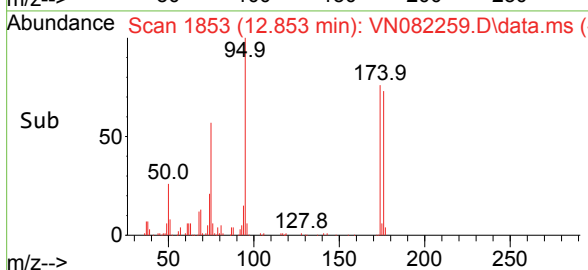
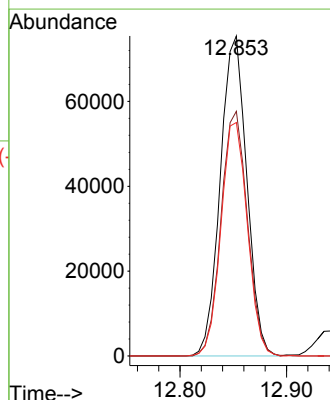
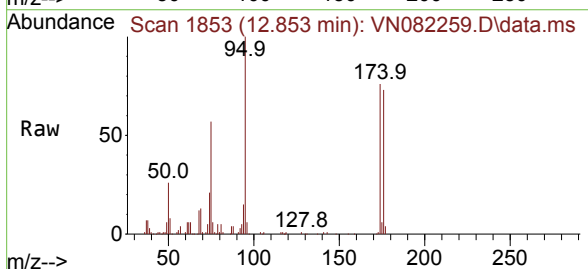
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS02

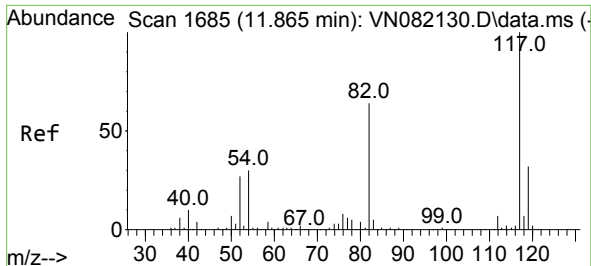
Tgt Ion:107 Resp: 44870
Ion Ratio Lower Upper
107 100
109 90.7 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 46.904 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082259.D
Acq: 21 May 2024 23:32

Tgt Ion: 95 Resp: 130306
Ion Ratio Lower Upper
95 100
174 76.3 0.0 160.6
176 72.7 0.0 152.8

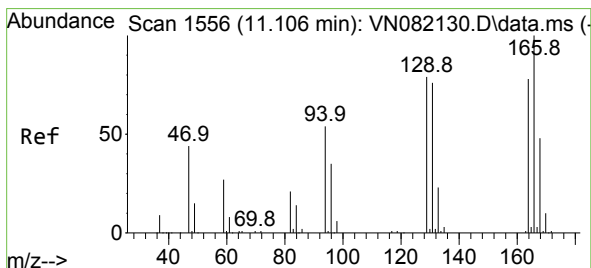
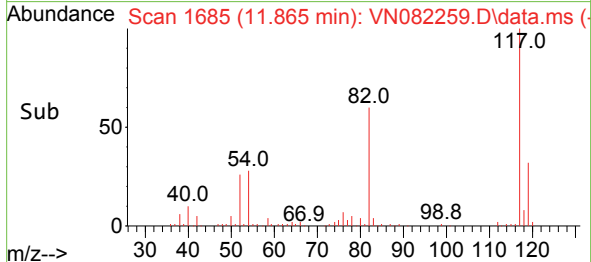
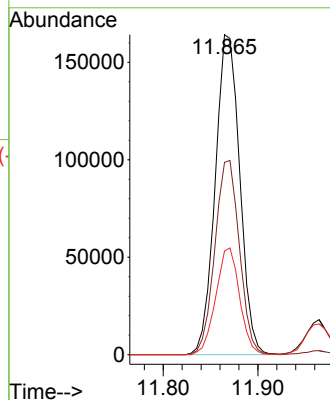
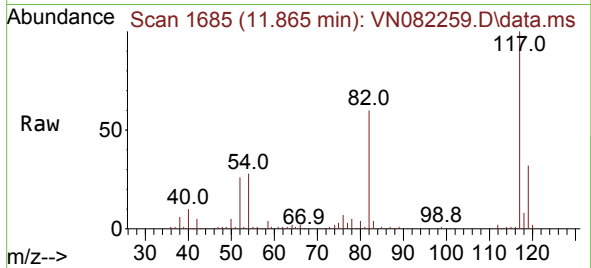




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN082259.D
Acq: 21 May 2024 23:32

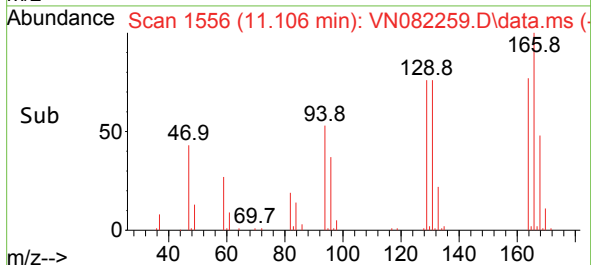
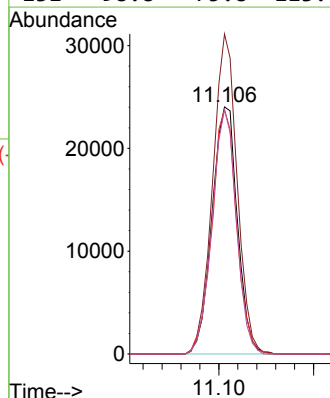
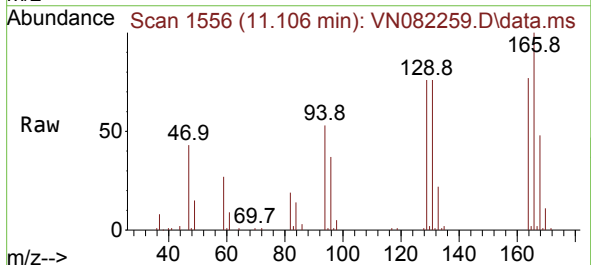
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS02

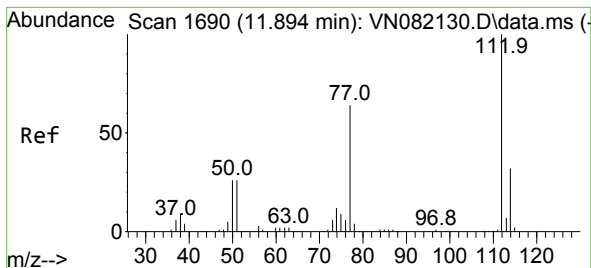
Tgt Ion:117 Resp: 296480
Ion Ratio Lower Upper
117 100
82 60.1 44.6 66.8
119 32.4 25.9 38.9



#64
Tetrachloroethene
Concen: 20.404 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN082259.D
Acq: 21 May 2024 23:32

Tgt Ion:164 Resp: 44837
Ion Ratio Lower Upper
164 100
166 129.5 97.6 146.4
129 99.0 73.7 110.5
131 98.8 75.8 113.6





#65

Chlorobenzene

Concen: 19.169 ug/l

RT: 11.894 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082259.D

Acq: 21 May 2024 23:32

Instrument :

MSVOA_N

ClientSampleId :

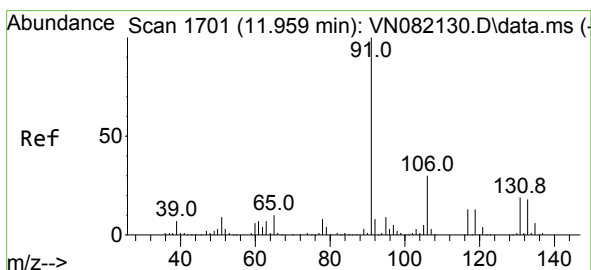
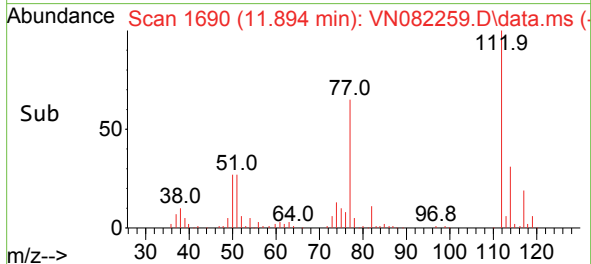
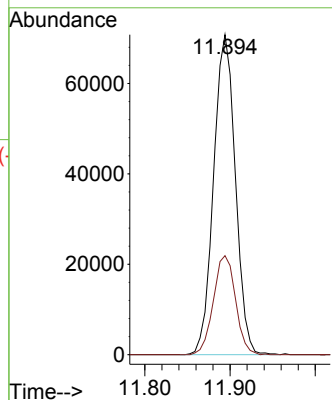
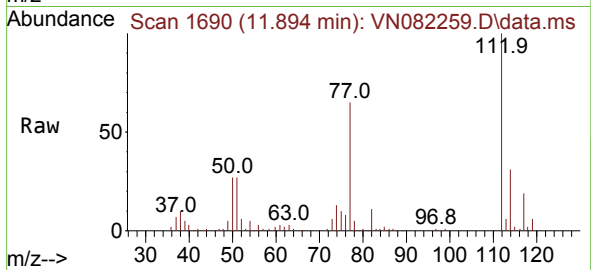
VN0521MBS02

Tgt Ion:112 Resp: 125552

Ion Ratio Lower Upper

112 100

114 31.0 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 20.191 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN082259.D

Acq: 21 May 2024 23:32

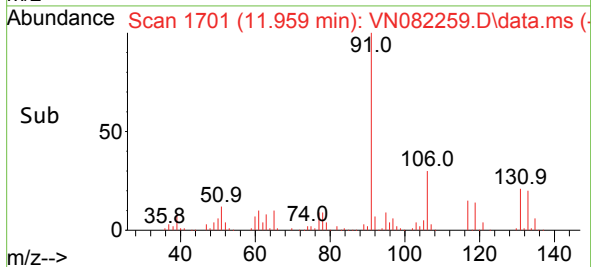
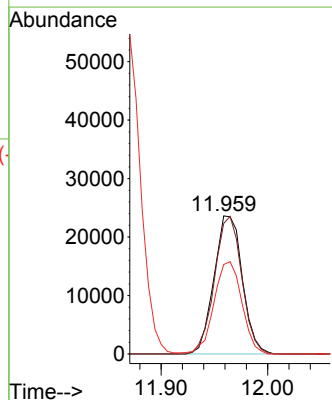
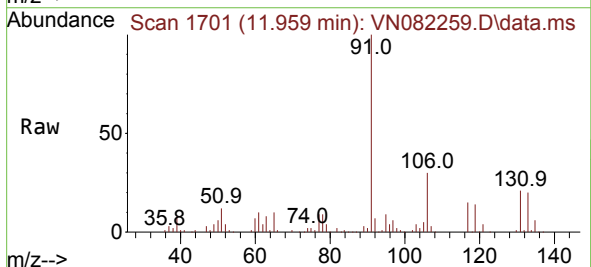
Tgt Ion:131 Resp: 43561

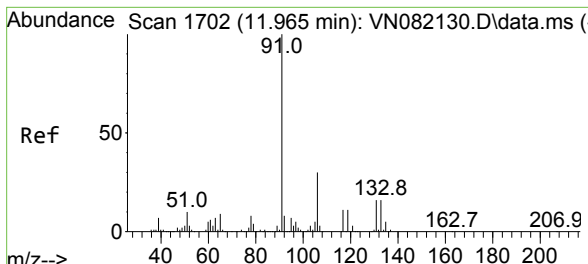
Ion Ratio Lower Upper

131 100

133 95.8 47.5 142.6

119 65.7 32.9 98.7

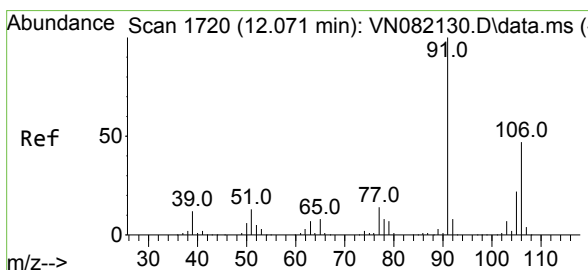
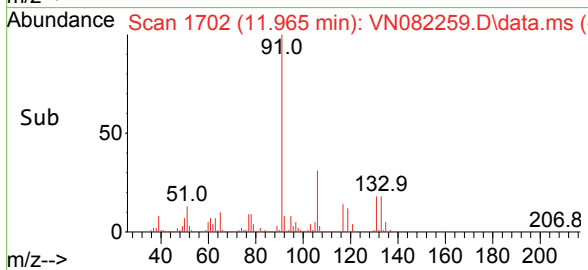
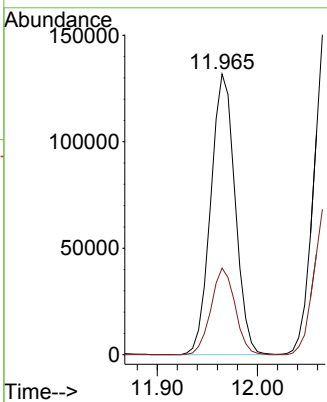
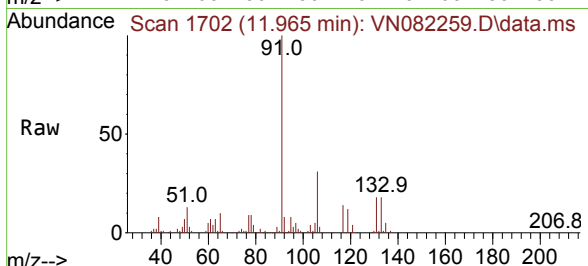




#67
Ethyl Benzene
Concen: 18.944 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082259.D
Acq: 21 May 2024 23:32

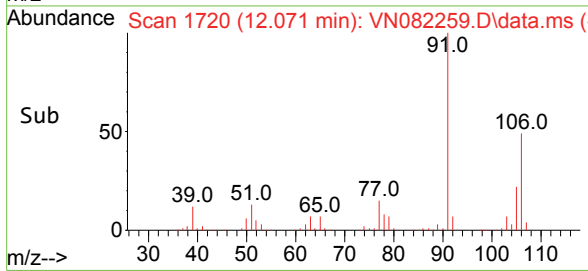
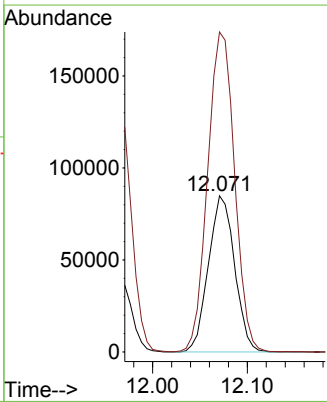
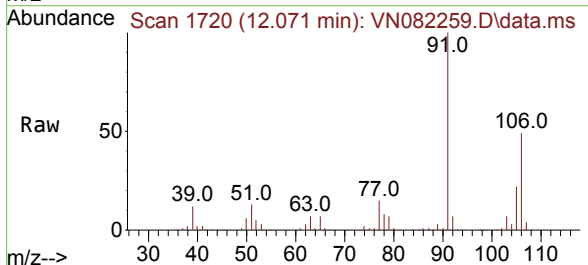
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS02

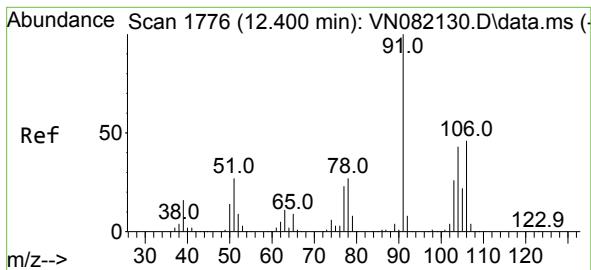
Tgt Ion: 91 Resp: 221957
Ion Ratio Lower Upper
91 100
106 30.8 25.3 37.9



#68
m/p-Xylenes
Concen: 38.035 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN082259.D
Acq: 21 May 2024 23:32

Tgt Ion:106 Resp: 163329
Ion Ratio Lower Upper
106 100
91 211.0 159.4 239.0

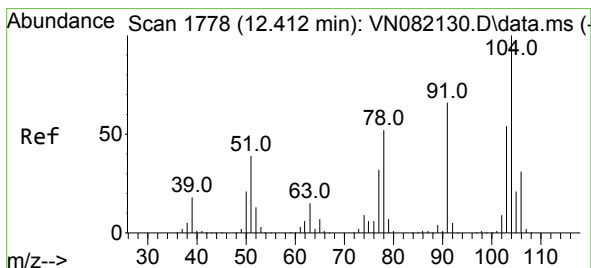
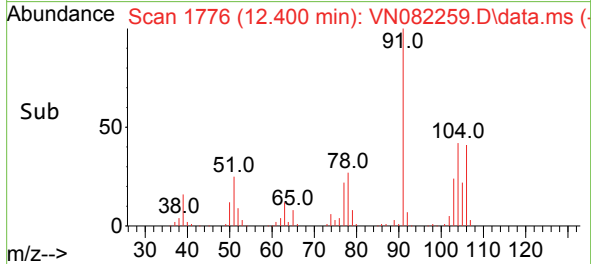
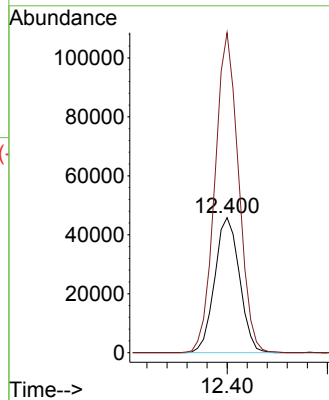
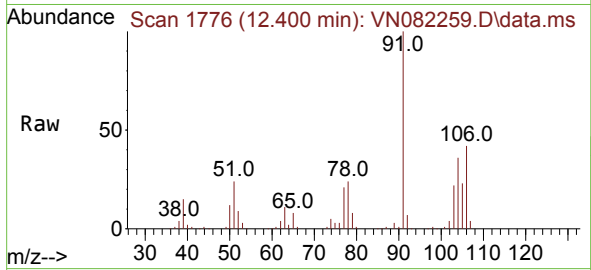




#69
o-Xylene
Concen: 18.910 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082259.D
Acq: 21 May 2024 23:32

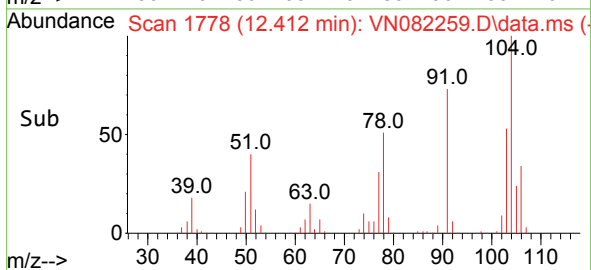
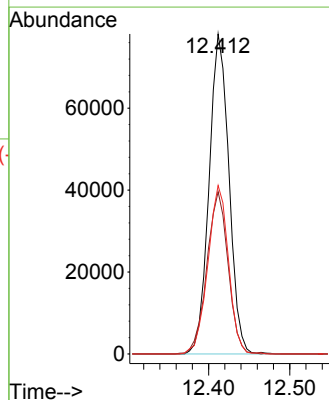
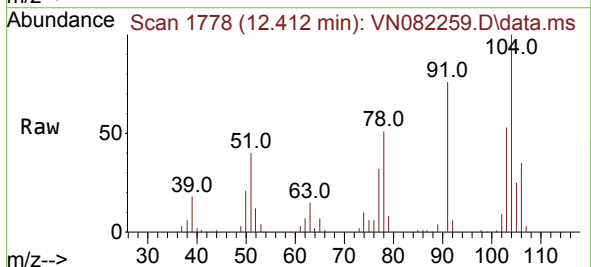
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS02

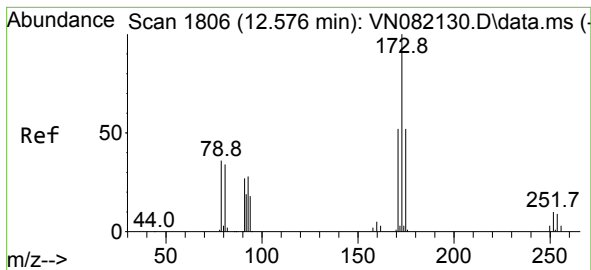
Tgt Ion:106 Resp: 78658
Ion Ratio Lower Upper
106 100
91 226.3 104.7 314.1



#70
Styrene
Concen: 19.252 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN082259.D
Acq: 21 May 2024 23:32

Tgt Ion:104 Resp: 133018
Ion Ratio Lower Upper
104 100
78 53.9 38.6 58.0
103 54.5 43.8 65.6





#71

Bromoform

Concen: 19.183 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN082259.D

Acq: 21 May 2024 23:32

Instrument :

MSVOA_N

ClientSampleId :

VN0521MBS02

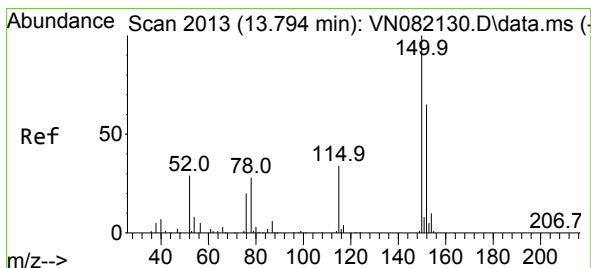
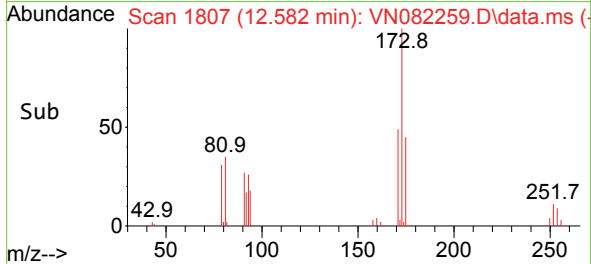
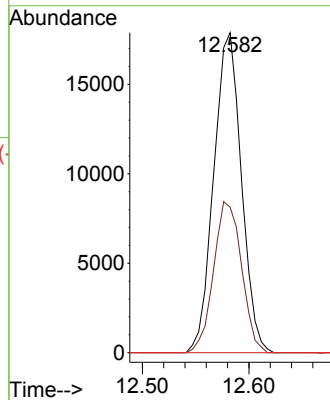
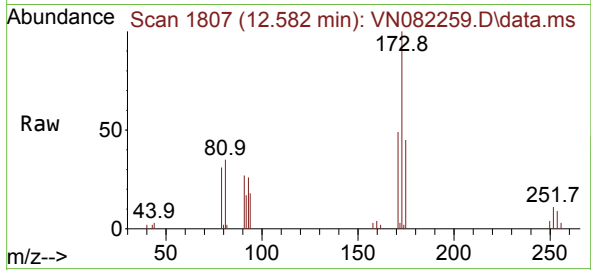
Tgt Ion:173 Resp: 32164

Ion Ratio Lower Upper

173 100

175 47.8 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: VN082259.D

Acq: 21 May 2024 23:32

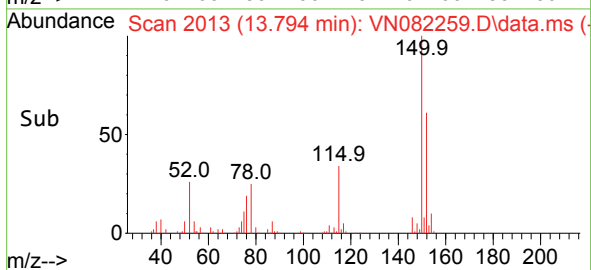
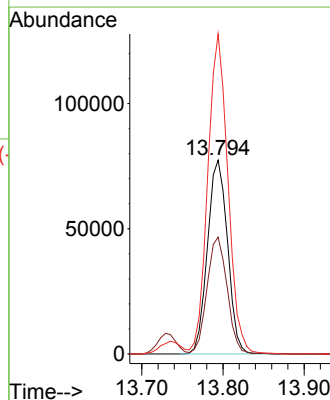
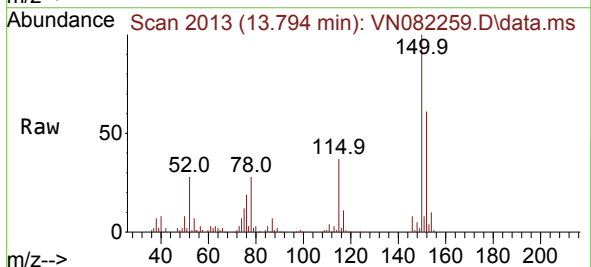
Tgt Ion:152 Resp: 132956

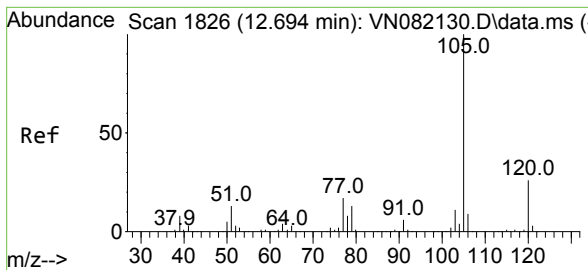
Ion Ratio Lower Upper

152 100

115 60.0 30.4 91.3

150 165.3 0.0 353.2





#73

Isopropylbenzene

Concen: 19.454 ug/l

RT: 12.700 min Scan# 1826

Delta R.T. 0.006 min

Lab File: VN082259.D

Acq: 21 May 2024 23:32

Instrument :

MSVOA_N

ClientSampleId :

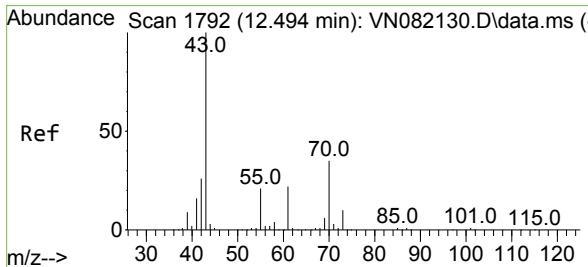
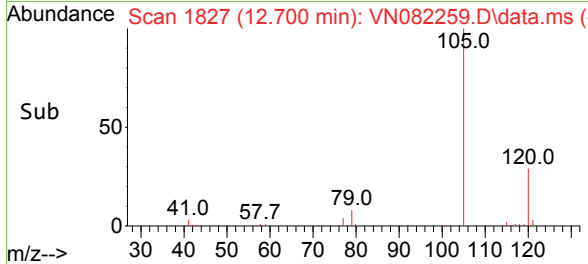
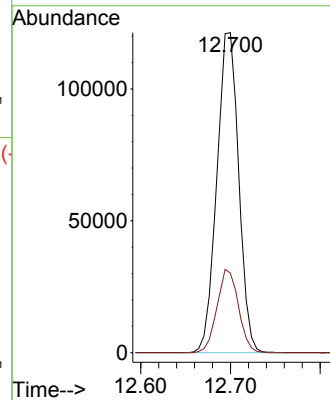
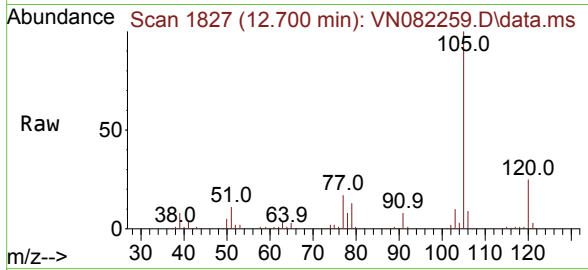
VN0521MBS02

Tgt Ion:105 Resp: 205487

Ion Ratio Lower Upper

105 100

120 25.5 13.4 40.1



#74

N-ethyl acetate

Concen: 19.273 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN082259.D

Acq: 21 May 2024 23:32

Tgt Ion: 43 Resp: 111975

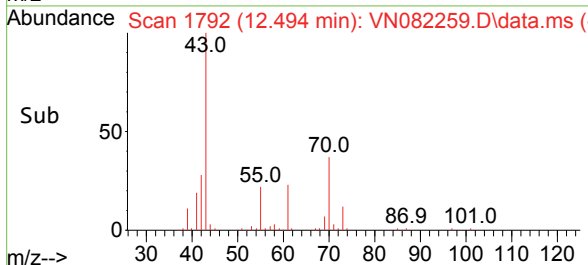
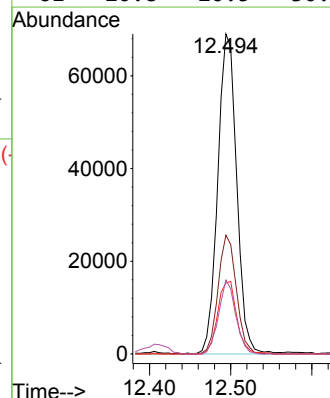
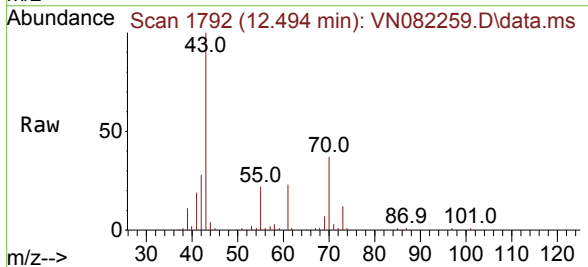
Ion Ratio Lower Upper

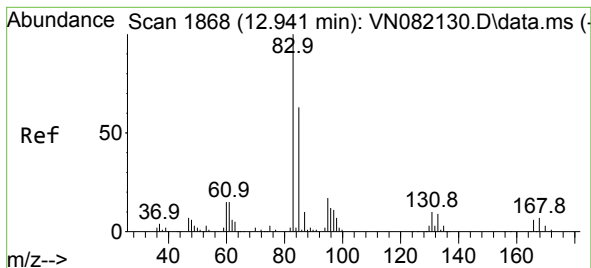
43 100

70 35.9 39.0 58.4#

55 22.8 21.3 31.9

61 20.8 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 19.789 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN082259.D

Acq: 21 May 2024 23:32

Instrument :

MSVOA_N

ClientSampleId :

VN0521MBS02

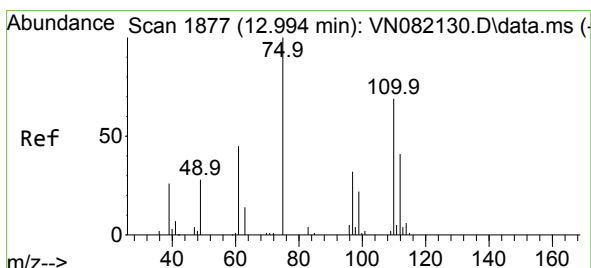
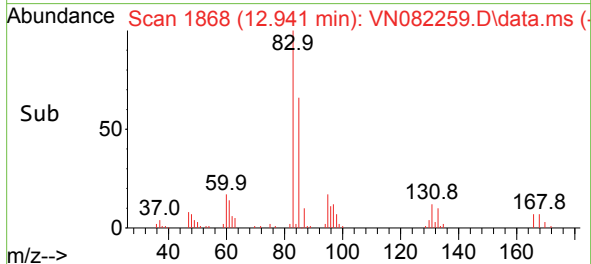
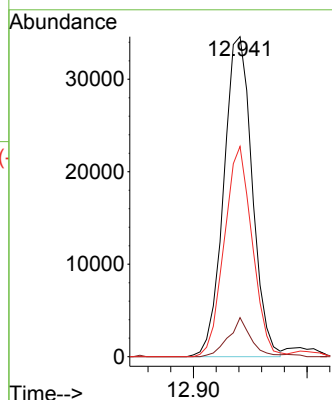
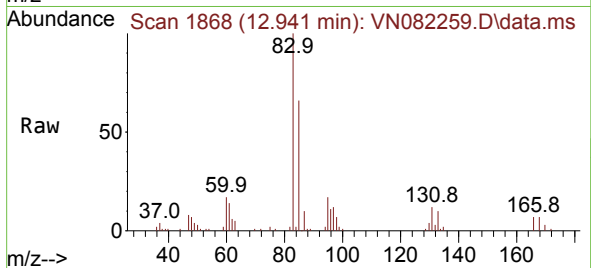
Tgt Ion: 83 Resp: 60253

Ion Ratio Lower Upper

83 100

131 9.9 5.5 16.4

85 64.5 32.9 98.6



#76

1,2,3-Trichloropropane

Concen: 30.036 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN082259.D

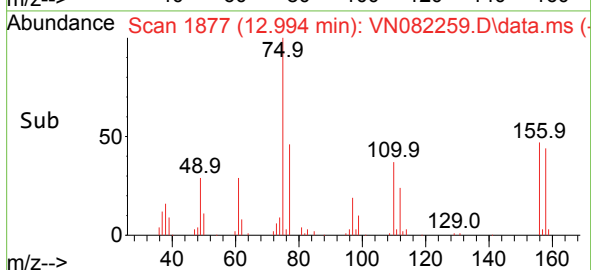
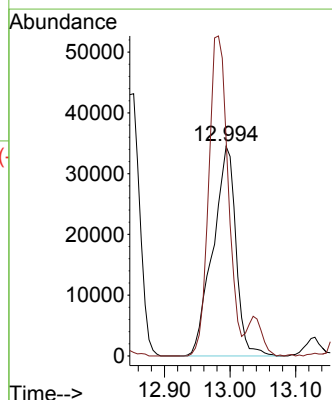
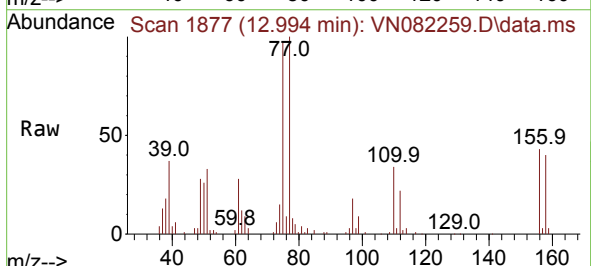
Acq: 21 May 2024 23:32

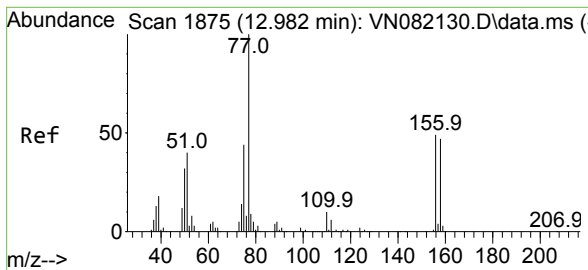
Tgt Ion: 75 Resp: 84052

Ion Ratio Lower Upper

75 100

77 128.3 90.5 271.3

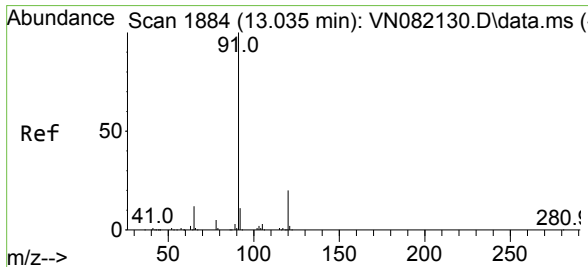
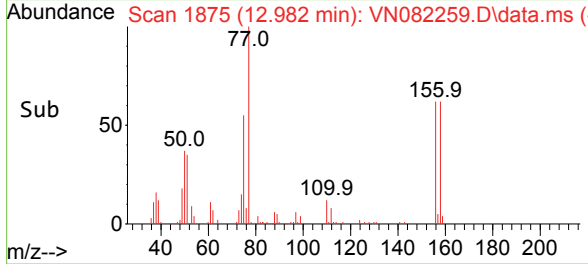
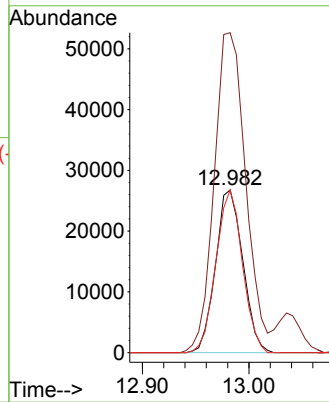
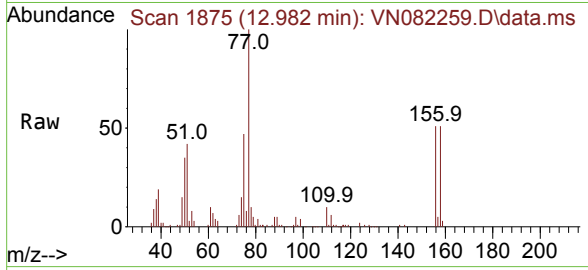




#77
Bromobenzene
Concen: 18.892 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN082259.D
Acq: 21 May 2024 23:32

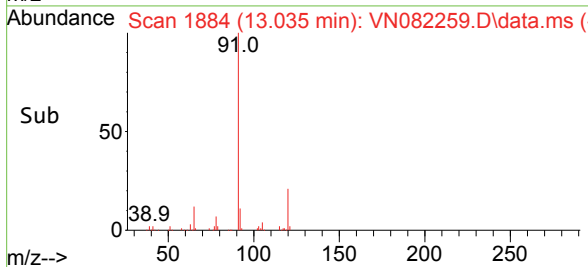
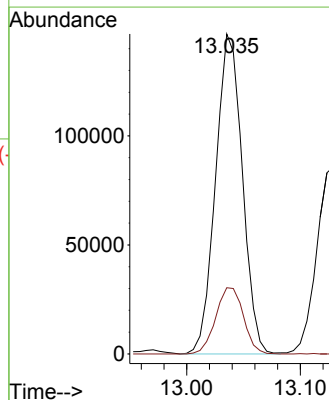
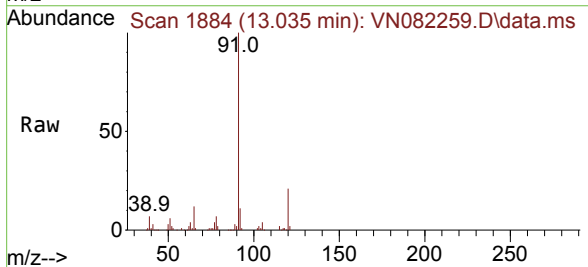
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS02

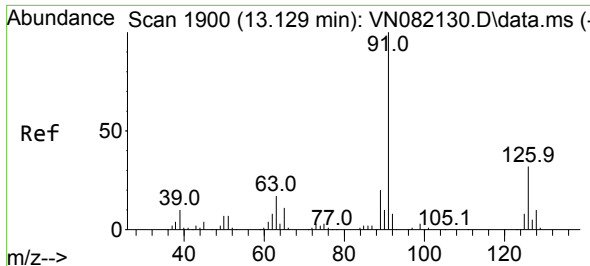
Tgt Ion:156 Resp: 47556
Ion Ratio Lower Upper
156 100
77 226.8 100.2 300.6
158 97.2 49.1 147.3



#78
n-propylbenzene
Concen: 19.230 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN082259.D
Acq: 21 May 2024 23:32

Tgt Ion: 91 Resp: 240522
Ion Ratio Lower Upper
91 100
120 21.4 11.7 35.0

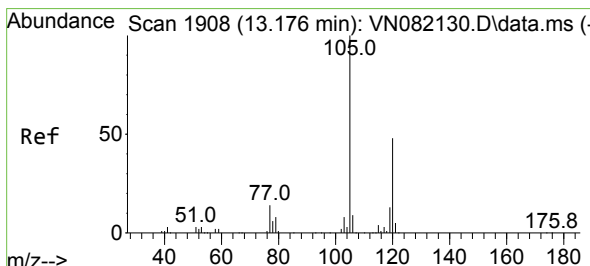
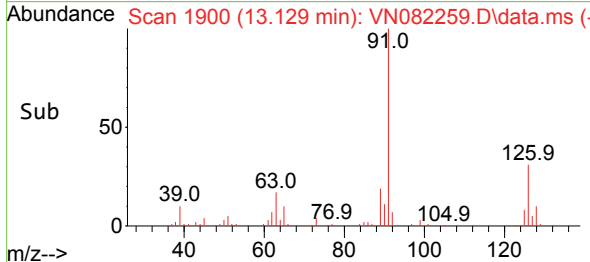
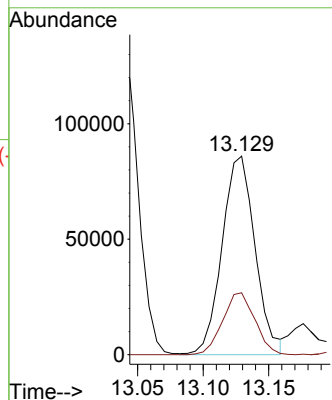
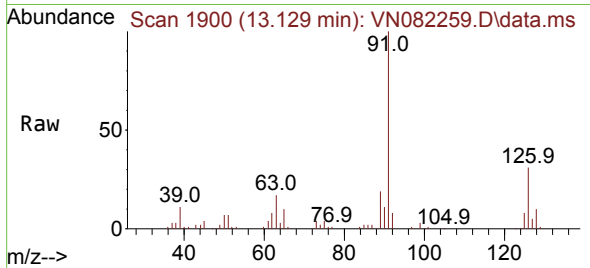




#79
 2-Chlorotoluene
 Concen: 19.213 ug/l
 RT: 13.129 min Scan# 1900
 Delta R.T. 0.000 min
 Lab File: VN082259.D
 Acq: 21 May 2024 23:32

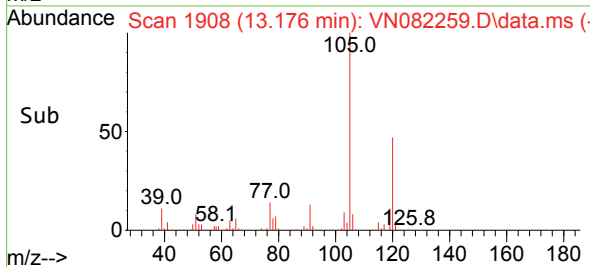
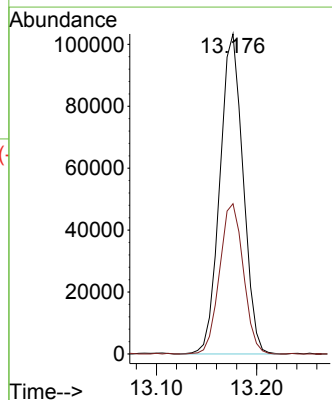
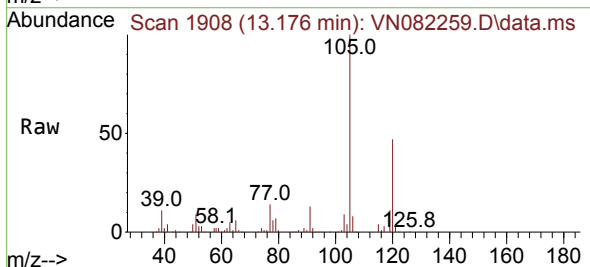
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521MBS02

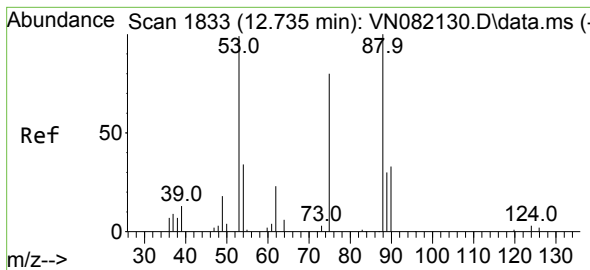
Tgt Ion: 91 Resp: 150899
 Ion Ratio Lower Upper
 91 100
 126 30.3 17.5 52.5



#80
 1,3,5-Trimethylbenzene
 Concen: 19.454 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: VN082259.D
 Acq: 21 May 2024 23:32

Tgt Ion: 105 Resp: 166154
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.8 74.3

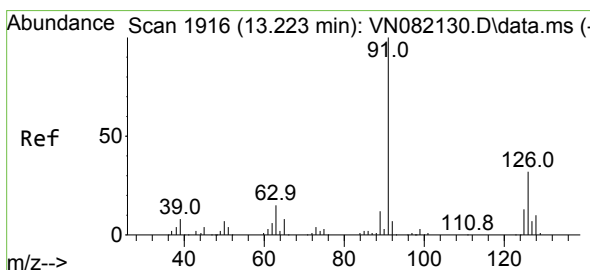
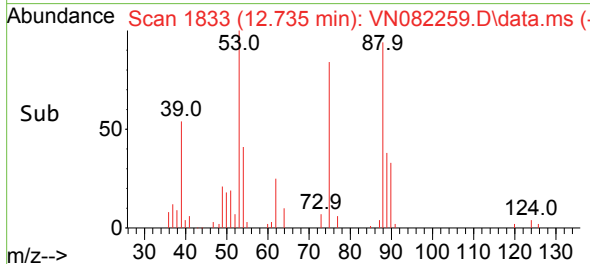
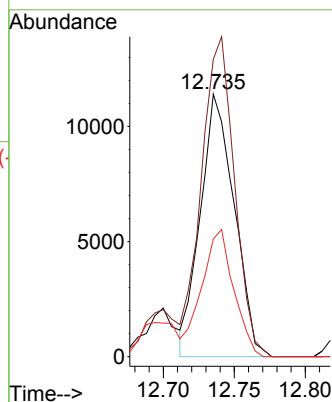
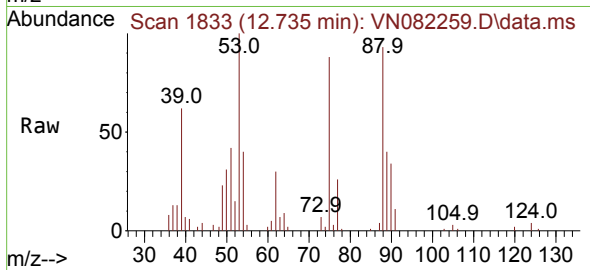




#81
trans-1,4-Dichloro-2-butene
Concen: 15.859 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN082259.D
Acq: 21 May 2024 23:32

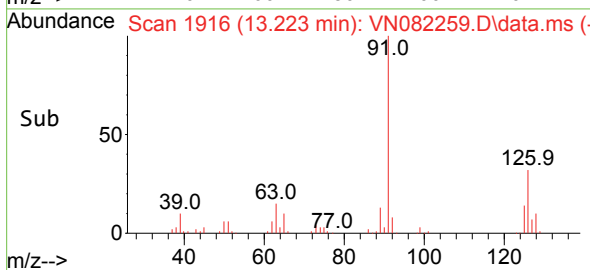
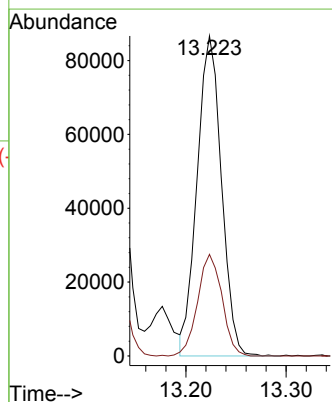
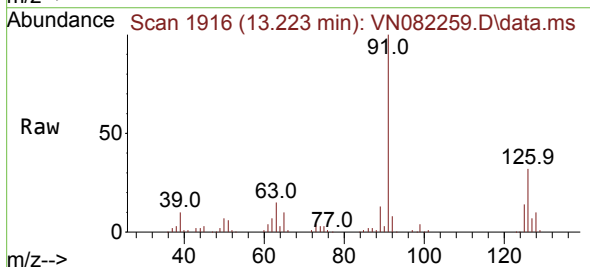
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS02

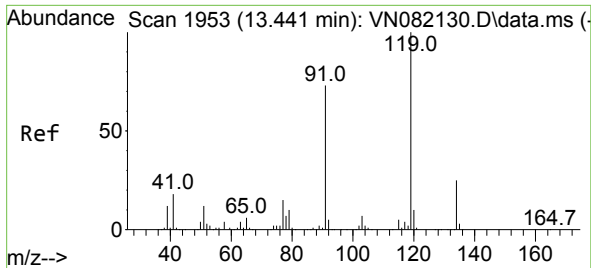
Tgt Ion: 75 Resp: 18974
Ion Ratio Lower Upper
75 100
53 118.7 72.9 109.3#
89 46.0 39.1 58.7



#82
4-Chlorotoluene
Concen: 19.046 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082259.D
Acq: 21 May 2024 23:32

Tgt Ion: 91 Resp: 146257
Ion Ratio Lower Upper
91 100
126 31.9 17.4 52.3

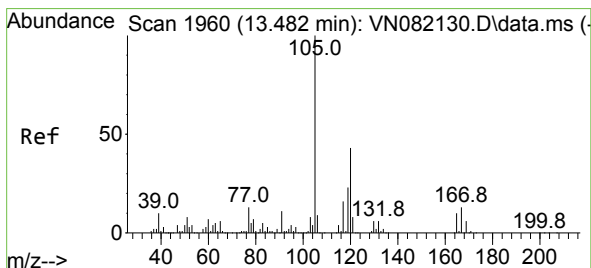
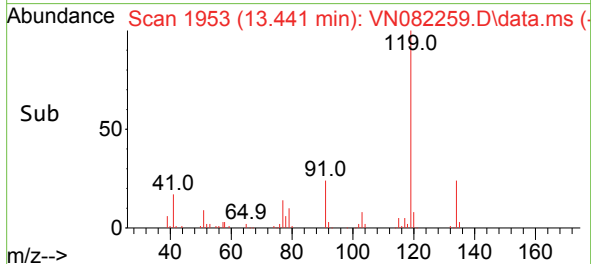
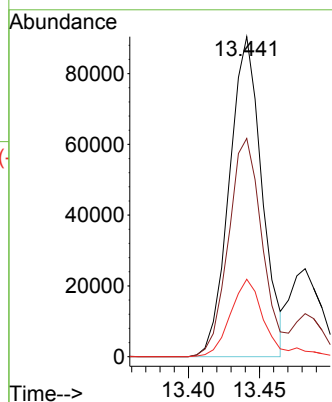
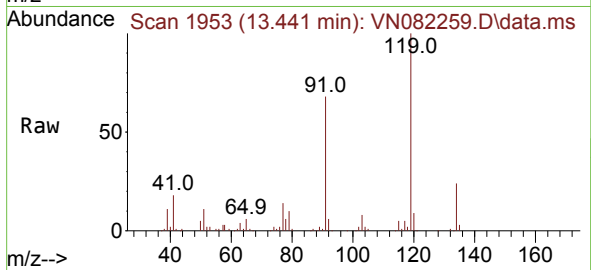




#83
tert-Butylbenzene
Concen: 19.368 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN082259.D
Acq: 21 May 2024 23:32

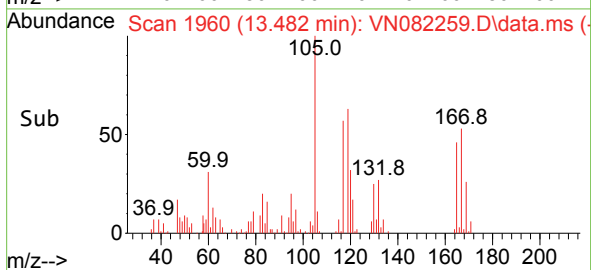
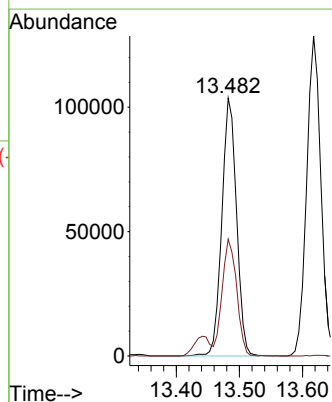
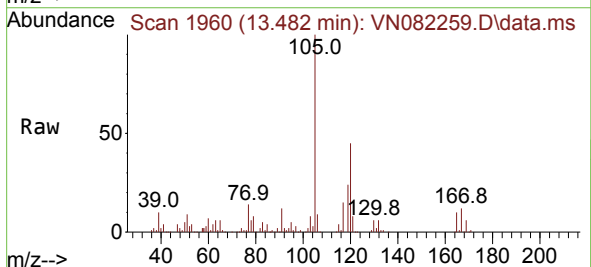
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS02

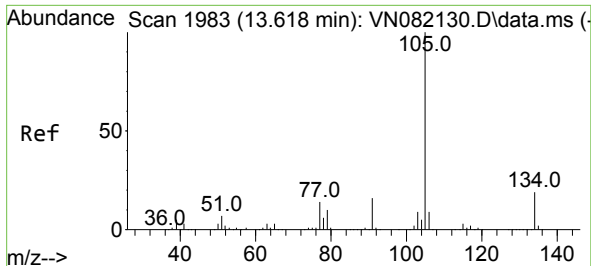
Tgt Ion:119 Resp: 144719
Ion Ratio Lower Upper
119 100
91 71.3 32.6 97.8
134 25.6 12.4 37.0



#84
1,2,4-Trimethylbenzene
Concen: 19.215 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082259.D
Acq: 21 May 2024 23:32

Tgt Ion:105 Resp: 167903
Ion Ratio Lower Upper
105 100
120 44.6 22.9 68.7

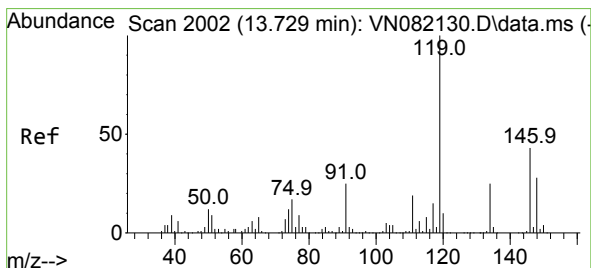
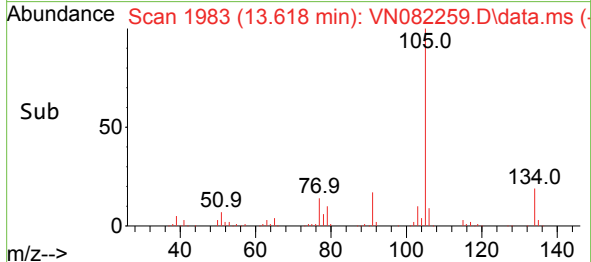
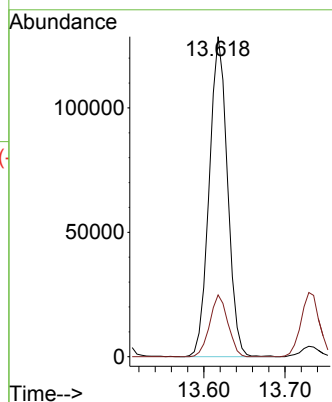
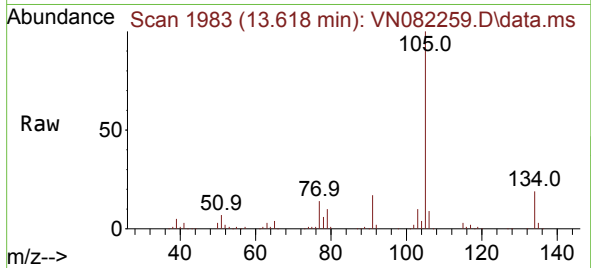




#85
 sec-Butylbenzene
 Concen: 19.359 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN082259.D
 Acq: 21 May 2024 23:32

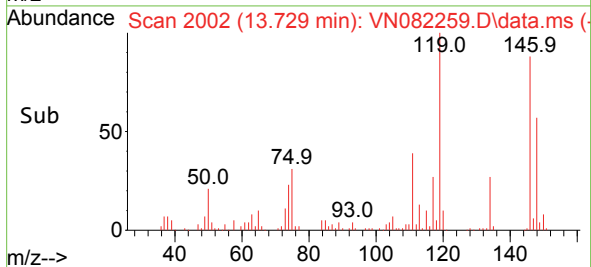
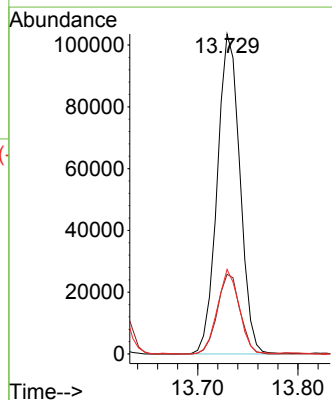
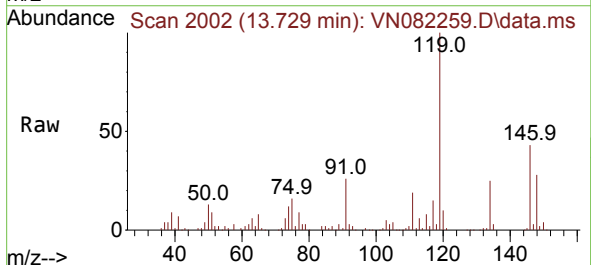
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521MBS02

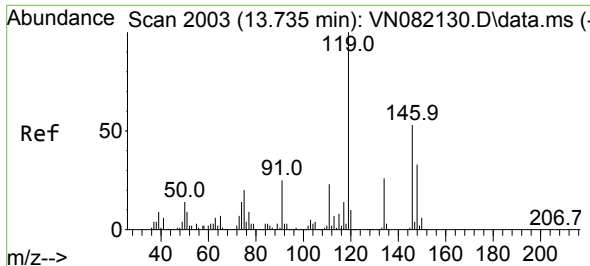
Tgt Ion:105 Resp: 200498
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 19.336 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN082259.D
 Acq: 21 May 2024 23:32

Tgt Ion:119 Resp: 162748
 Ion Ratio Lower Upper
 119 100
 134 24.9 13.2 39.5
 91 25.3 11.8 35.3

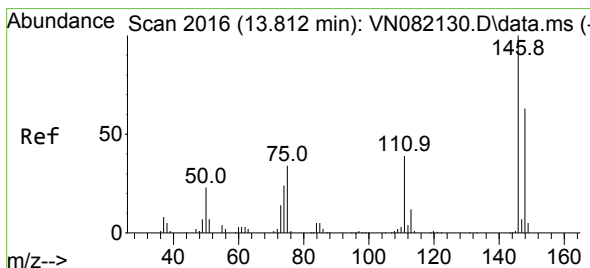
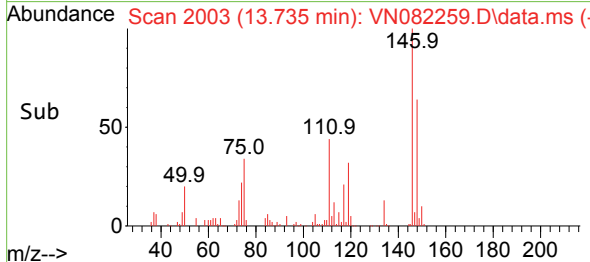
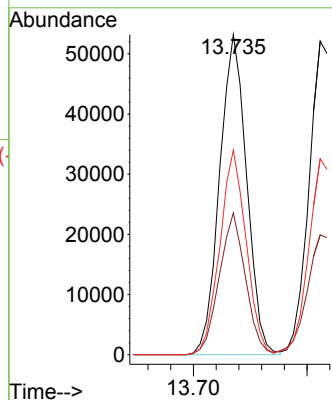
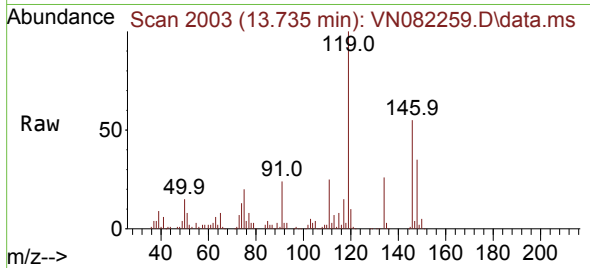




#87
1,3-Dichlorobenzene
Concen: 19.284 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN082259.D
Acq: 21 May 2024 23:32

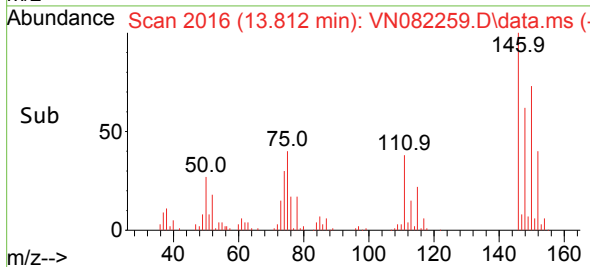
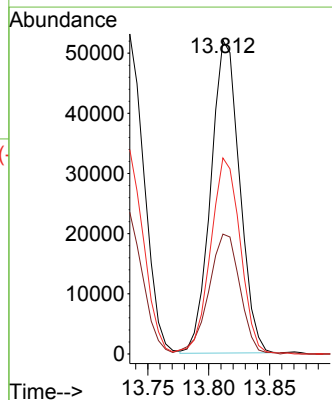
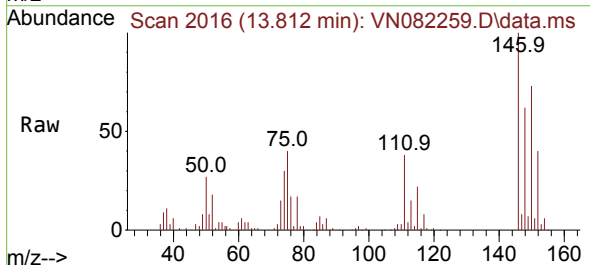
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS02

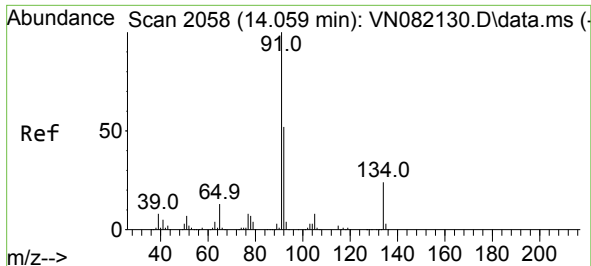
Tgt Ion:146 Resp: 87945
Ion Ratio Lower Upper
146 100
111 42.9 20.8 62.5
148 62.3 32.1 96.3



#88
1,4-Dichlorobenzene
Concen: 18.393 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN082259.D
Acq: 21 May 2024 23:32

Tgt Ion:146 Resp: 85610
Ion Ratio Lower Upper
146 100
111 41.5 19.3 57.9
148 64.7 31.3 93.9

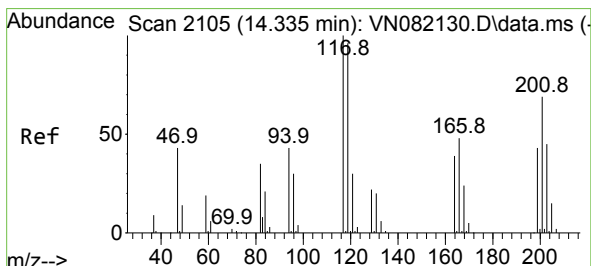
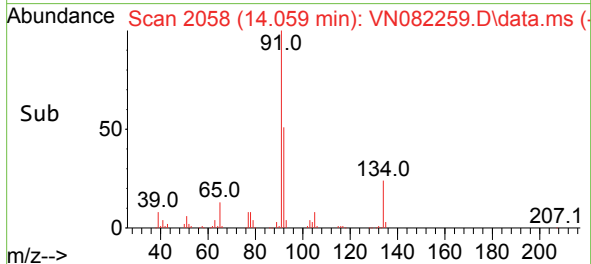
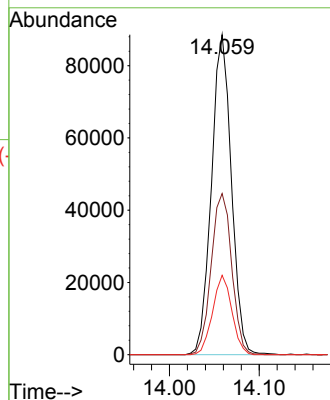
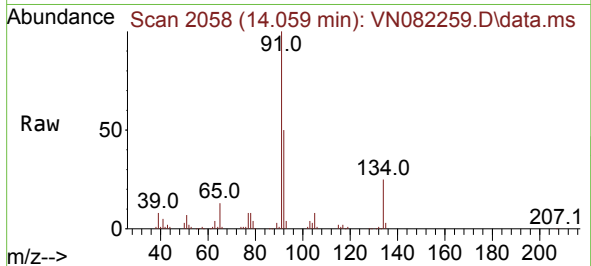




#89
n-Butylbenzene
Concen: 18.071 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN082259.D
Acq: 21 May 2024 23:32

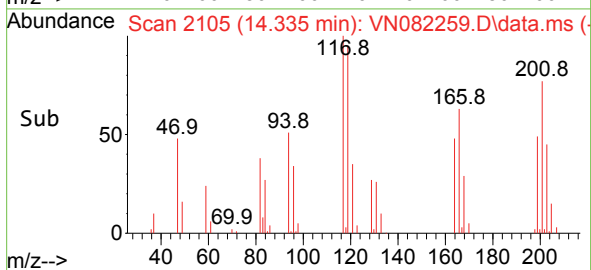
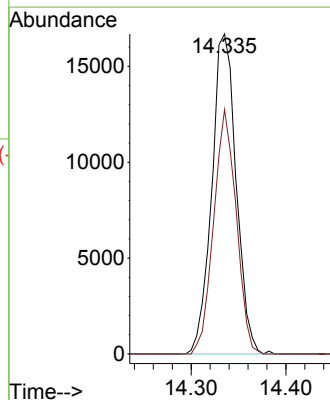
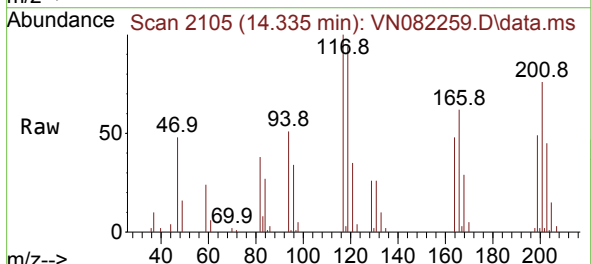
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS02

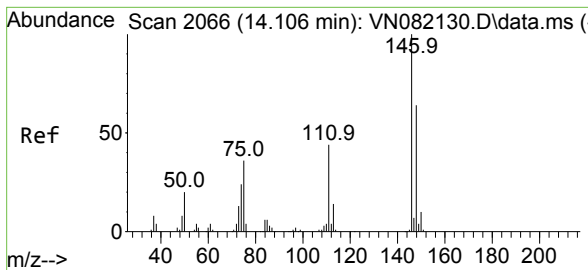
Tgt Ion: 91 Resp: 136709
Ion Ratio Lower Upper
91 100
92 51.9 26.2 78.5
134 24.0 13.2 39.5



#90
Hexachloroethane
Concen: 19.169 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN082259.D
Acq: 21 May 2024 23:32

Tgt Ion: 117 Resp: 29894
Ion Ratio Lower Upper
117 100
201 70.6 33.3 99.8

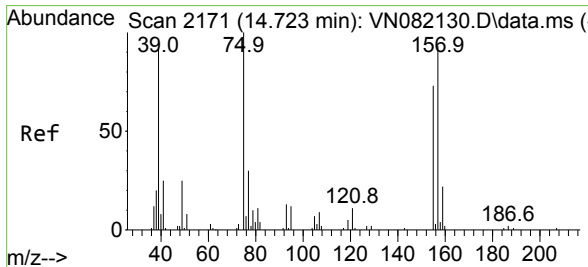
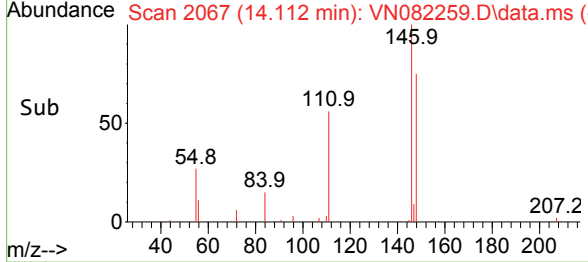
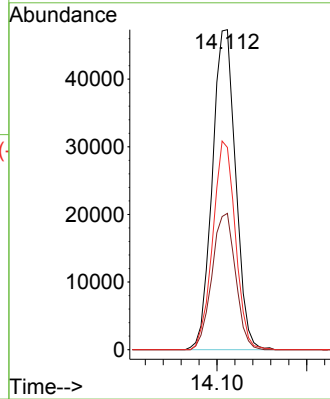
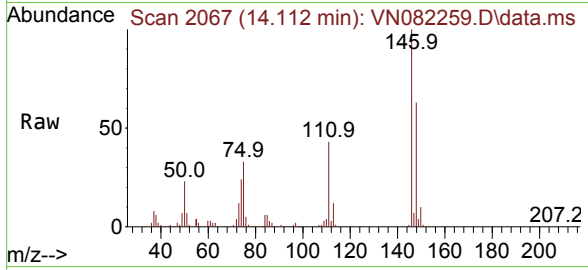




#91
 1,2-Dichlorobenzene
 Concen: 19.728 ug/l
 RT: 14.112 min Scan# 2066
 Delta R.T. 0.006 min
 Lab File: VN082259.D
 Acq: 21 May 2024 23:32

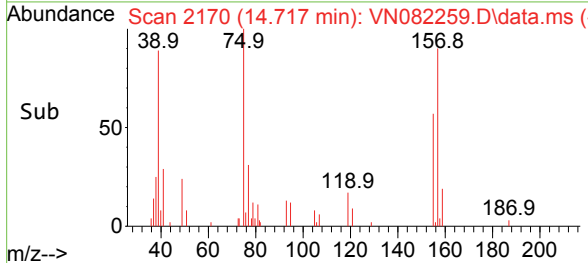
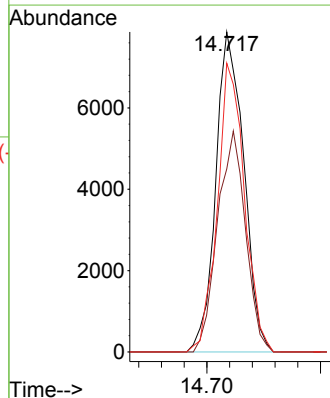
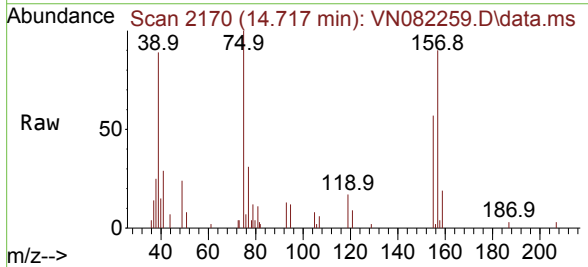
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521MBS02

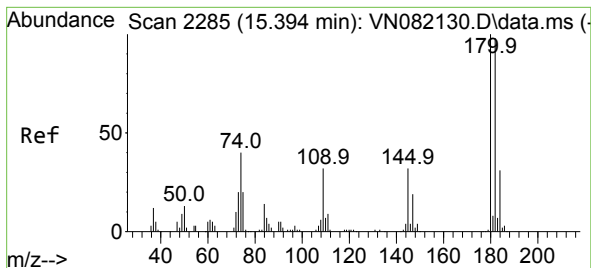
Tgt Ion:	146	Resp:	85160
Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.3	64.0
148	63.4	31.8	95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.511 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. -0.006 min
 Lab File: VN082259.D
 Acq: 21 May 2024 23:32

Tgt Ion:	75	Resp:	13457
Ion	Ratio	Lower	Upper
75	100		
155	69.0	42.6	128.0
157	87.3	53.0	159.0





#93

1,2,4-Trichlorobenzene

Concen: 18.213 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN082259.D

Acq: 21 May 2024 23:32

Instrument :

MSVOA_N

ClientSampleId :

VN0521MBS02

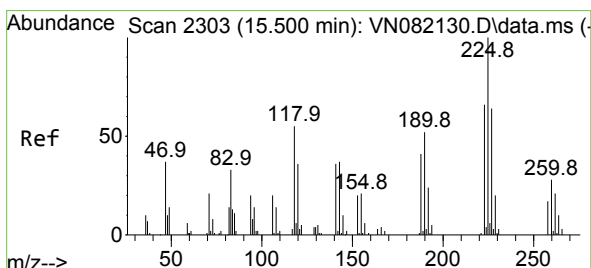
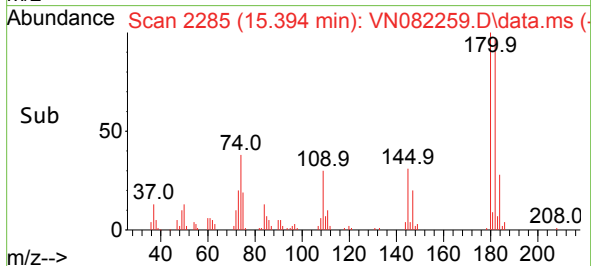
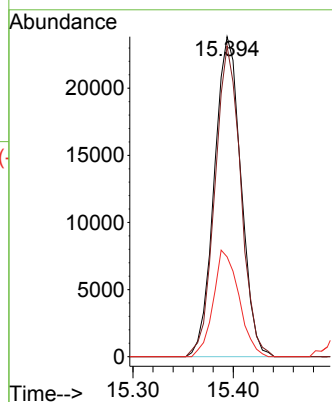
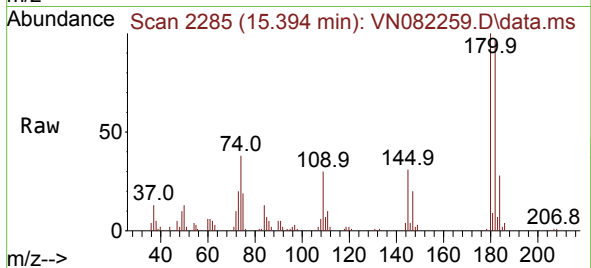
Tgt Ion:180 Resp: 44071

Ion Ratio Lower Upper

180 100

182 94.0 46.7 140.0

145 31.9 16.2 48.6



#94

Hexachlorobutadiene

Concen: 17.018 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN082259.D

Acq: 21 May 2024 23:32

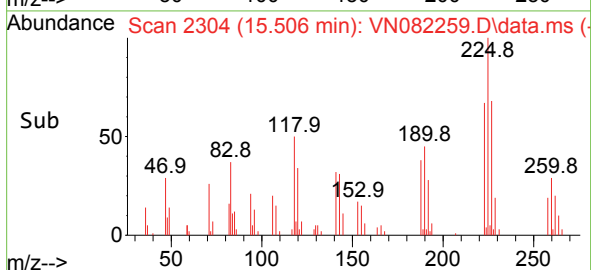
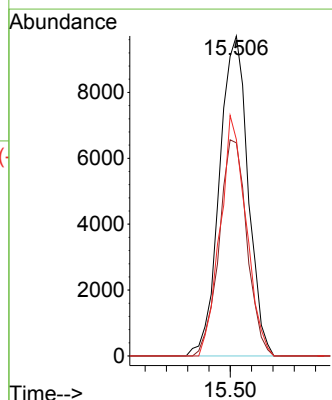
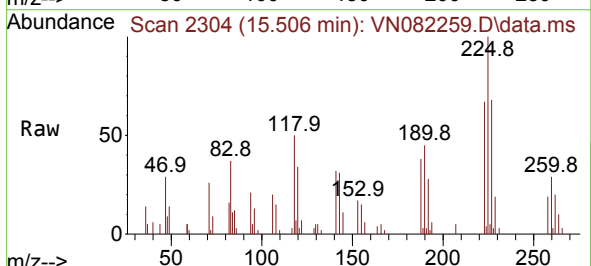
Tgt Ion:225 Resp: 18069

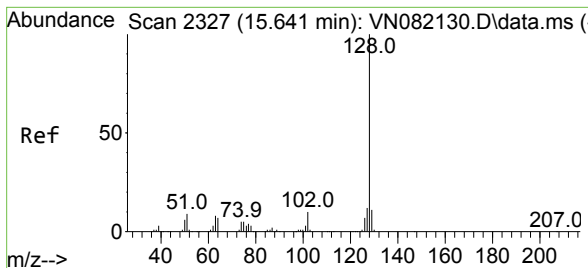
Ion Ratio Lower Upper

225 100

223 65.6 31.1 93.2

227 68.2 30.6 91.6





#95

Naphthalene

Concen: 19.394 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN082259.D

Acq: 21 May 2024 23:32

Instrument :

MSVOA_N

ClientSampleId :

VN0521MBS02

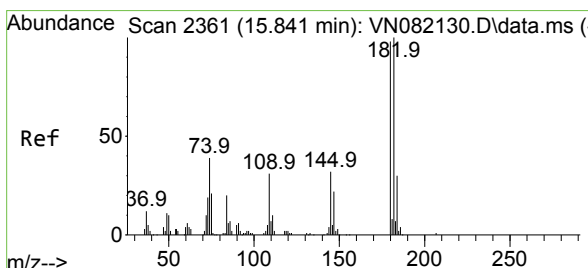
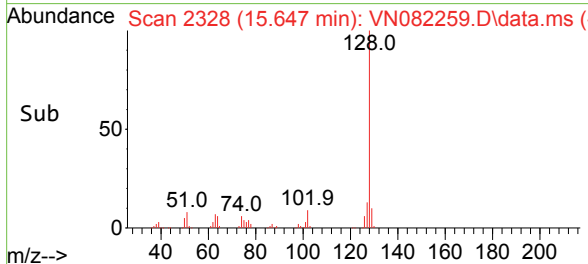
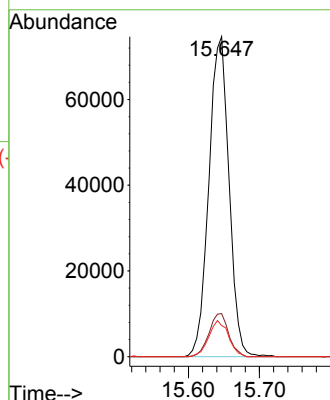
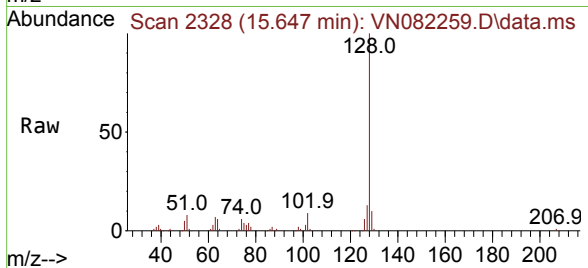
Tgt Ion:128 Resp: 147064

Ion Ratio Lower Upper

128 100

127 13.2 10.1 15.1

129 11.1 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 18.745 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN082259.D

Acq: 21 May 2024 23:32

Tgt Ion:180 Resp: 45406

Ion Ratio Lower Upper

180 100

182 92.2 46.0 137.8

145 32.5 17.1 51.3

