

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052024\
 Data File : VN082204.D
 Acq On : 20 May 2024 12:58
 Operator : JC\MD
 Sample : VN0520WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0520WBSD01

Quant Time: May 21 03:45:38 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	8.224	168	180829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	306443	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	281315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	129689	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	134772	47.200	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.400%
35) Dibromofluoromethane	8.165	113	92646	49.147	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.300%
50) Toluene-d8	10.565	98	343779	47.567	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.140%
62) 4-Bromofluorobenzene	12.847	95	122406	47.452	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	94.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	48169	18.476	ug/l	98
3) Chloromethane	2.359	50	54614	18.484	ug/l	98
4) Vinyl Chloride	2.518	62	50907	18.327	ug/l	98
5) Bromomethane	2.959	94	29880	18.715	ug/l	95
6) Chloroethane	3.124	64	34355	18.942	ug/l	99
7) Trichlorofluoromethane	3.500	101	68165	18.741	ug/l	97
8) Diethyl Ether	3.959	74	25995	20.062	ug/l	69
9) 1,1,2-Trichlorotrifluo...	4.377	101	39677	18.674	ug/l	98
10) Methyl Iodide	4.589	142	37297	17.461	ug/l	94
11) Tert butyl alcohol	5.518	59	46173	100.739	ug/l #	89
12) 1,1-Dichloroethene	4.347	96	36485	18.475	ug/l #	78
13) Acrolein	4.177	56	26222	77.203	ug/l	96
14) Allyl chloride	5.024	41	84812	20.059	ug/l #	85
15) Acrylonitrile	5.712	53	121613	102.449	ug/l	100
16) Acetone	4.424	43	110146	94.037	ug/l	96
17) Carbon Disulfide	4.712	76	109723	17.202	ug/l	97
18) Methyl Acetate	5.018	43	59481	20.391	ug/l #	86
19) Methyl tert-butyl Ether	5.800	73	143766	19.916	ug/l	98
20) Methylene Chloride	5.271	84	46923	19.855	ug/l #	83
21) trans-1,2-Dichloroethene	5.783	96	40313	18.732	ug/l #	83
22) Diisopropyl ether	6.677	45	172158	19.499	ug/l #	90
23) Vinyl Acetate	6.606	43	700251	100.596	ug/l #	88
24) 1,1-Dichloroethane	6.565	63	85370	18.760	ug/l	98
25) 2-Butanone	7.483	43	175884	99.040	ug/l #	83
26) 2,2-Dichloropropane	7.488	77	73871	19.380	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	49250	19.391	ug/l	80
28) Bromochloromethane	7.818	49	37577	18.401	ug/l #	74
29) Tetrahydrofuran	7.835	42	116189	101.901	ug/l #	82
30) Chloroform	7.965	83	86525	19.910	ug/l	96
31) Cyclohexane	8.253	56	80433	17.637	ug/l #	83
32) 1,1,1-Trichloroethane	8.171	97	75006	19.455	ug/l	94
36) 1,1-Dichloropropene	8.371	75	59587	18.847	ug/l	95
37) Ethyl Acetate	7.559	43	71787	20.289	ug/l #	94
38) Carbon Tetrachloride	8.359	117	62816	19.600	ug/l	92
39) Methylcyclohexane	9.600	83	63089	18.205	ug/l #	84
40) Benzene	8.606	78	186952	19.830	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	41981	20.175	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	74262	20.480	ug/l	95
43) Isopropyl Acetate	8.688	43	140538	22.416	ug/l #	86
44) Trichloroethene	9.359	130	41099	19.191	ug/l	98
45) 1,2-Dichloropropane	9.624	63	48961	20.128	ug/l	97
46) Dibromomethane	9.712	93	32442	20.314	ug/l	98
47) Bromodichloromethane	9.888	83	69452	20.600	ug/l	98
48) Methyl methacrylate	9.682	41	60019	20.091	ug/l #	82
49) 1,4-Dioxane	9.700	88	18613	444.629	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	375092	105.300	ug/l	89
52) Toluene	10.629	92	113557	20.071	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	71219	20.425	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	76751	20.795	ug/l #	77
55) 1,1,2-Trichloroethane	11.018	97	41881	20.370	ug/l	93
56) Ethyl methacrylate	10.876	69	72114	20.658	ug/l #	71
57) 1,3-Dichloropropane	11.165	76	79081	20.571	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	161588	89.744	ug/l	89
59) 2-Hexanone	11.200	43	273414	104.828	ug/l	89
60) Dibromochloromethane	11.359	129	49653	21.883	ug/l	100
61) 1,2-Dibromoethane	11.471	107	42330	20.044	ug/l	100
64) Tetrachloroethene	11.106	164	41412	19.861	ug/l	94
65) Chlorobenzene	11.894	112	121541	19.557	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	42459	20.741	ug/l	99
67) Ethyl Benzene	11.965	91	213675	19.220	ug/l	95
68) m/p-Xylenes	12.070	106	156775	38.477	ug/l	91
69) o-Xylene	12.400	106	75373	19.097	ug/l	92
70) Styrene	12.412	104	130756	19.945	ug/l	96
71) Bromoform	12.582	173	31542	19.803	ug/l #	97
73) Isopropylbenzene	12.694	105	195291	18.955	ug/l	96
74) N-amyl acetate	12.494	43	106535	18.798	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	59252	19.950	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	83753	30.683	ug/l	62
77) Bromobenzene	12.982	156	47863	19.493	ug/l	90
78) n-propylbenzene	13.035	91	234317	19.205	ug/l	96
79) 2-Chlorotoluene	13.123	91	142618	18.616	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	163215	19.591	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	22392	19.187	ug/l #	80
82) 4-Chlorotoluene	13.223	91	143804	19.198	ug/l	94
83) tert-Butylbenzene	13.441	119	135629	18.609	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	164700	19.323	ug/l	99
85) sec-Butylbenzene	13.617	105	194057	19.209	ug/l	98
86) p-Isopropyltoluene	13.729	119	161245	19.640	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	86236	19.386	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	86241	18.995	ug/l	96
89) n-Butylbenzene	14.059	91	141483	19.173	ug/l	98
90) Hexachloroethane	14.335	117	30062	19.763	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	84066	19.965	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12446	20.396	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	44771	18.969	ug/l	98
94) Hexachlorobutadiene	15.506	225	19376	18.709	ug/l	98
95) Naphthalene	15.641	128	144690	19.562	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	44652	18.898	ug/l	97

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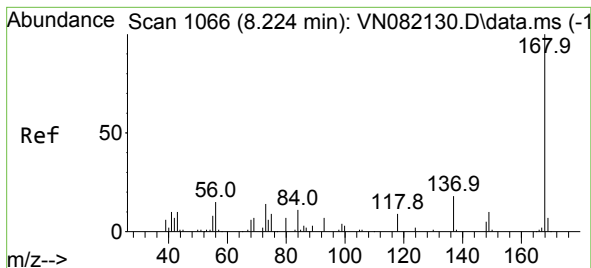
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

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ClientSampleId :

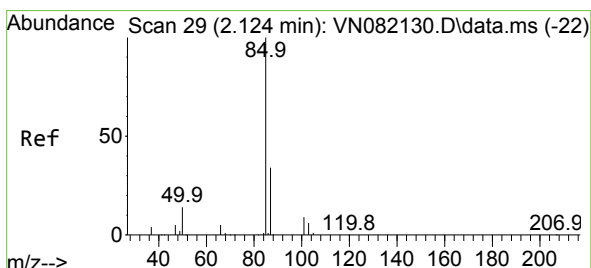
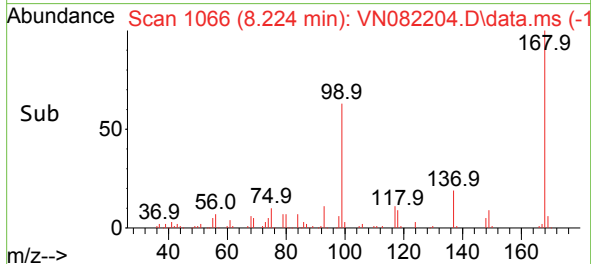
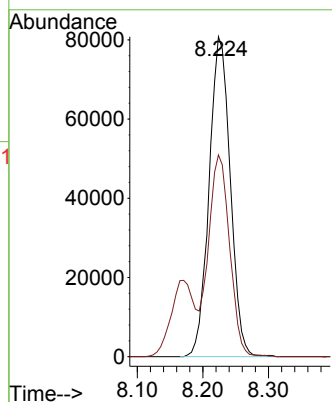
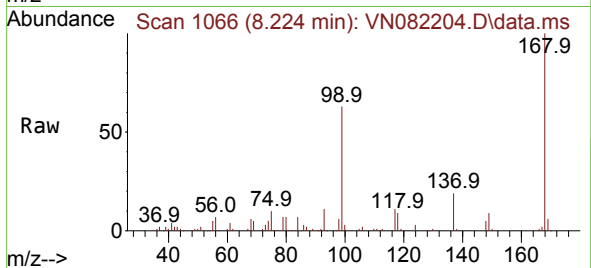
VN0520WBSD01

Tgt Ion:168 Resp: 180829

Ion Ratio Lower Upper

168 100

99 63.0 48.2 72.4



#2

Dichlorodifluoromethane

Concen: 18.476 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN082204.D

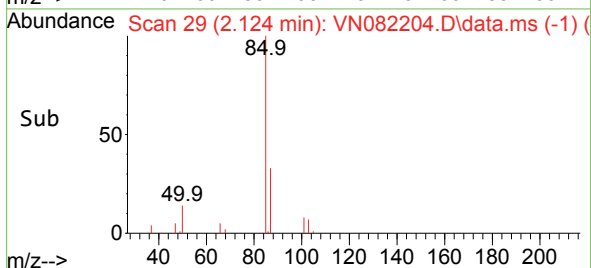
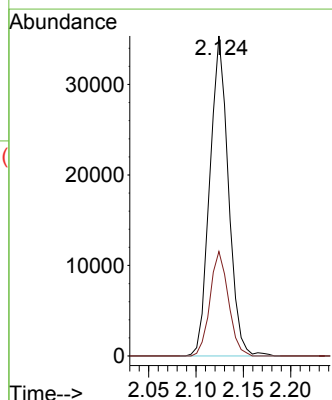
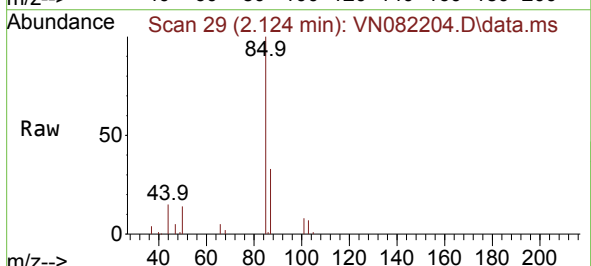
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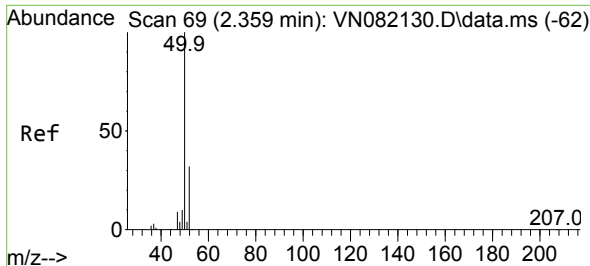
Tgt Ion: 85 Resp: 48169

Ion Ratio Lower Upper

85 100

87 32.6 15.8 47.4

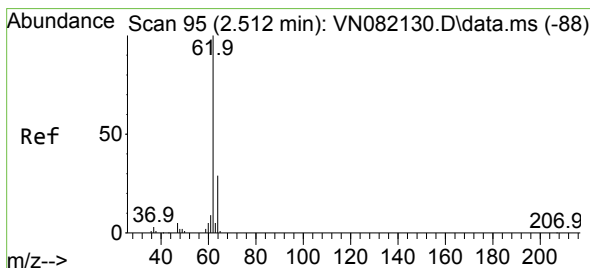
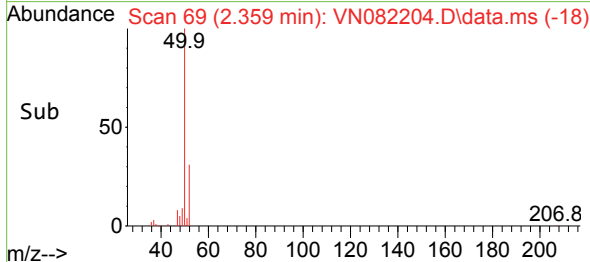
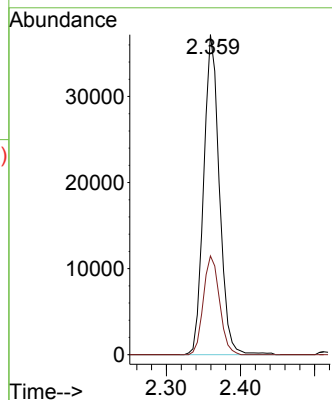
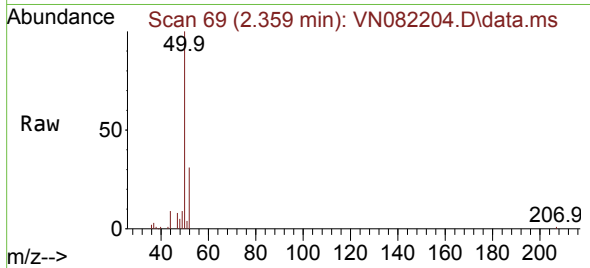




#3
Chloromethane
Concen: 18.484 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
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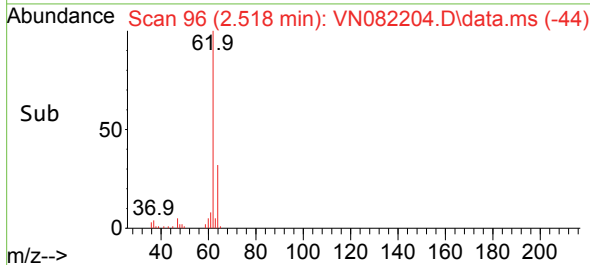
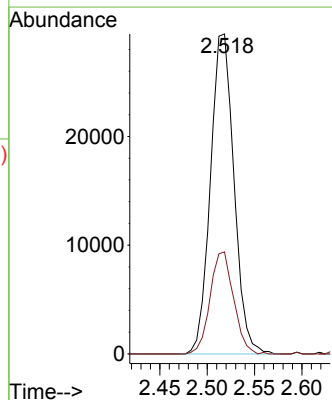
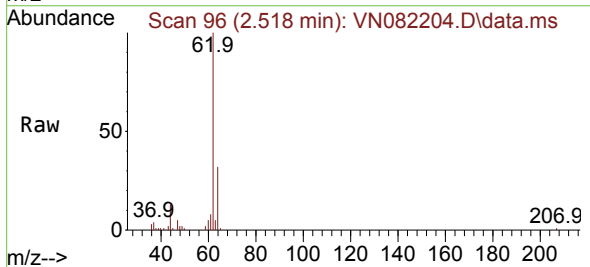
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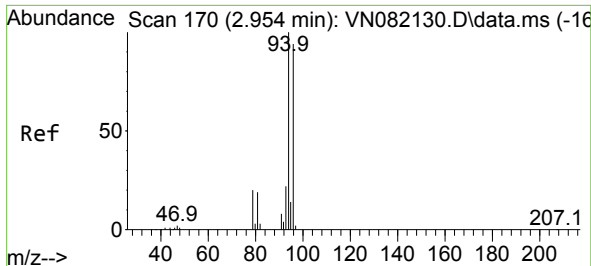
Tgt Ion: 50 Resp: 54614
Ion Ratio Lower Upper
50 100
52 30.9 25.5 38.3



#4
Vinyl Chloride
Concen: 18.327 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

Tgt Ion: 62 Resp: 50907
Ion Ratio Lower Upper
62 100
64 31.9 24.6 37.0

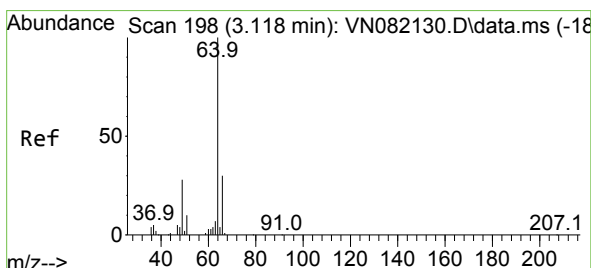
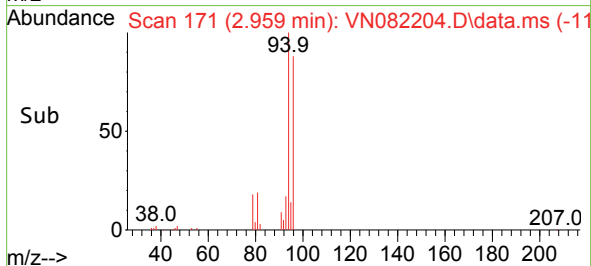
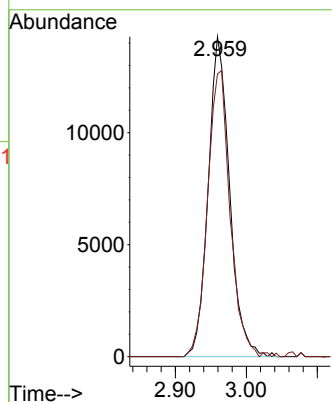
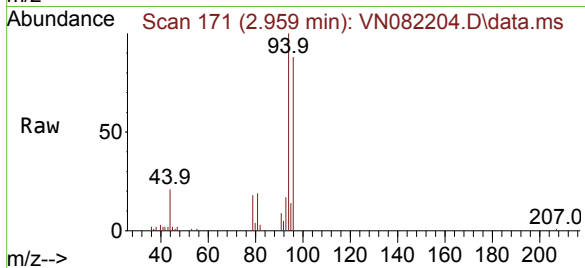




#5
Bromomethane
Concen: 18.715 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

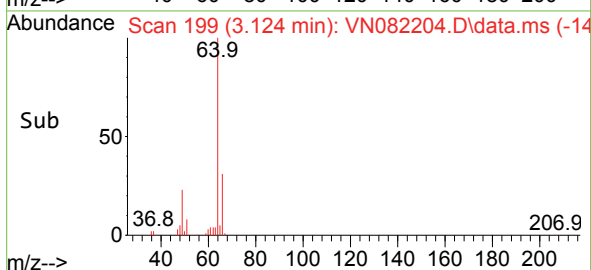
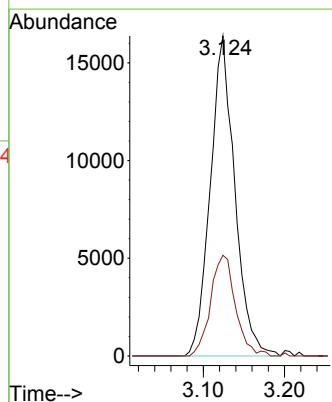
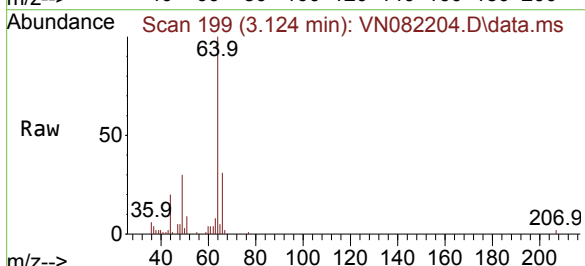
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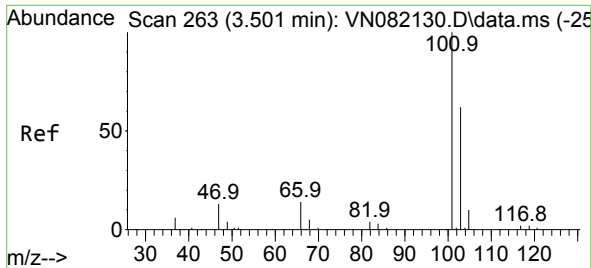
Tgt Ion: 94 Resp: 29880
Ion Ratio Lower Upper
94 100
96 88.4 74.8 112.2



#6
Chloroethane
Concen: 18.942 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

Tgt Ion: 64 Resp: 34355
Ion Ratio Lower Upper
64 100
66 31.5 24.7 37.1

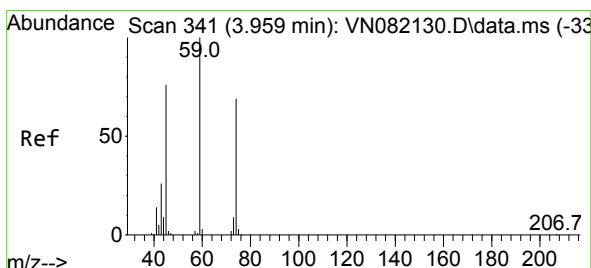
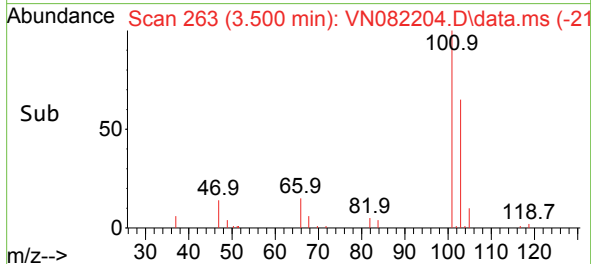
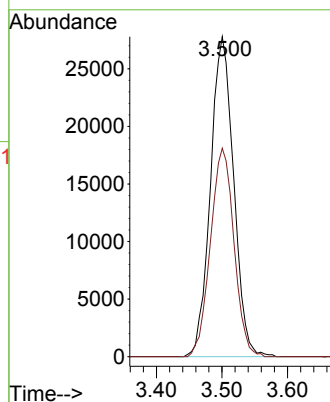
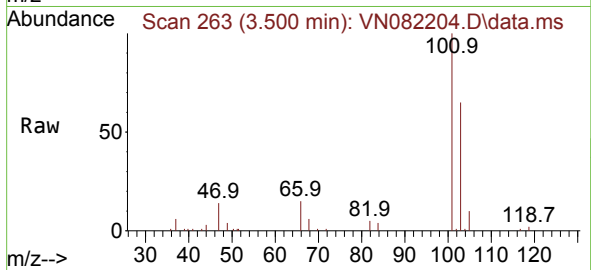




#7
Trichlorofluoromethane
Concen: 18.741 ug/l
RT: 3.500 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN082204.D
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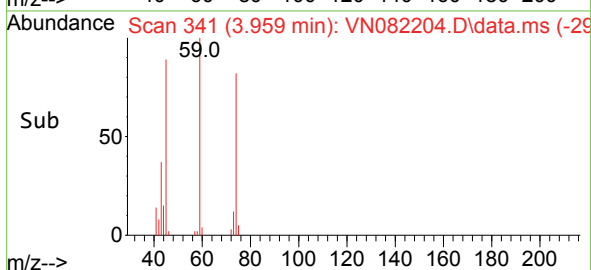
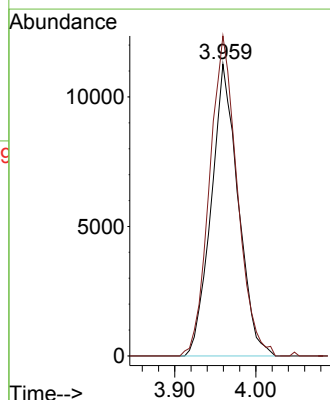
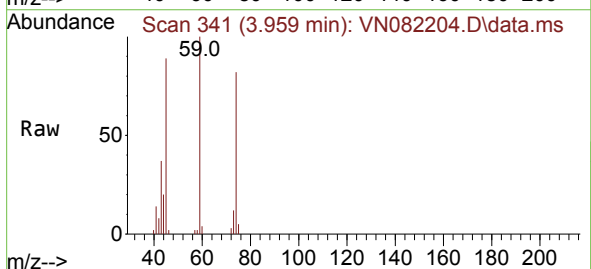
Instrument :
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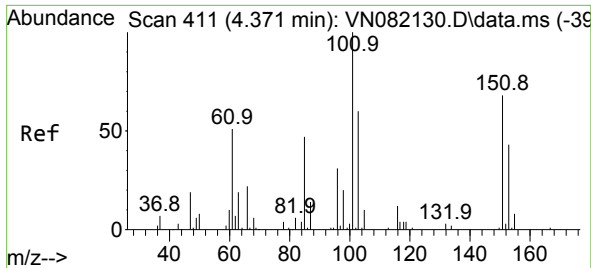
Tgt Ion:101 Resp: 68165
Ion Ratio Lower Upper
101 100
103 65.2 50.6 75.8



#8
Diethyl Ether
Concen: 20.062 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
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Acq: 20 May 2024 12:58

Tgt Ion: 74 Resp: 25995
Ion Ratio Lower Upper
74 100
45 112.8 42.4 127.3

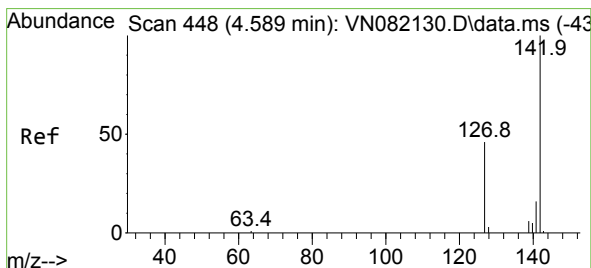
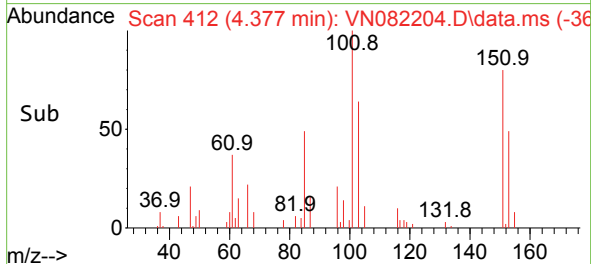
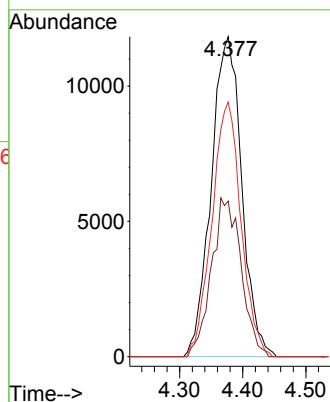
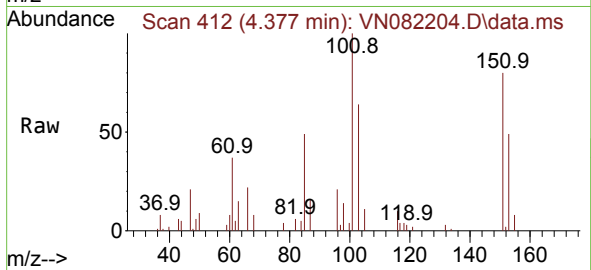




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.674 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
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Acq: 20 May 2024 12:58

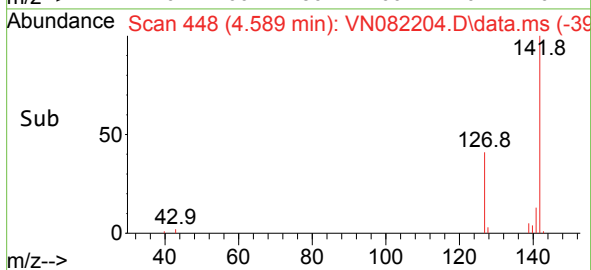
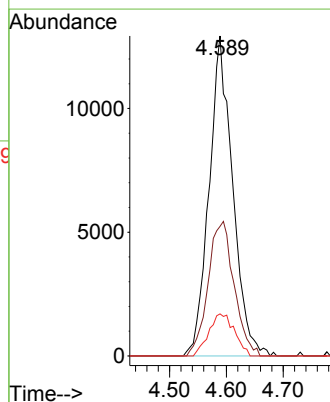
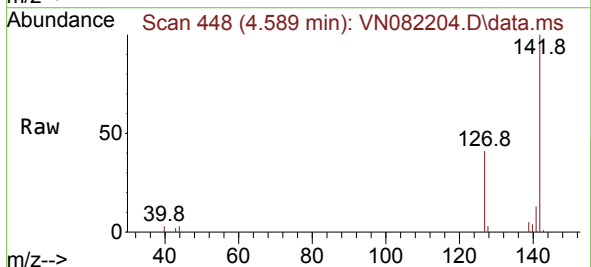
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01

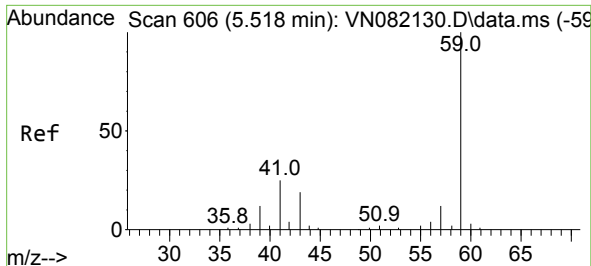
Tgt Ion:101 Resp: 39677
Ion Ratio Lower Upper
101 100
85 48.3 37.3 55.9
151 75.8 59.2 88.8



#10
Methyl Iodide
Concen: 17.461 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

Tgt Ion:142 Resp: 37297
Ion Ratio Lower Upper
142 100
127 40.5 35.8 53.6
141 13.2 11.4 17.2

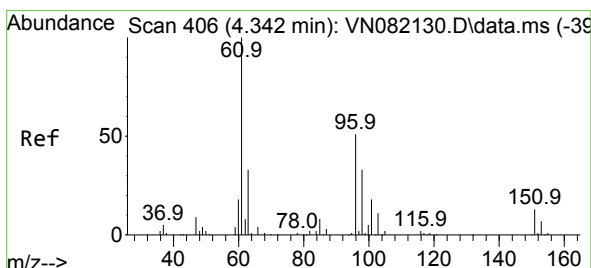
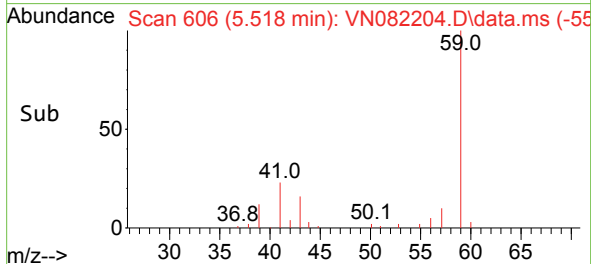
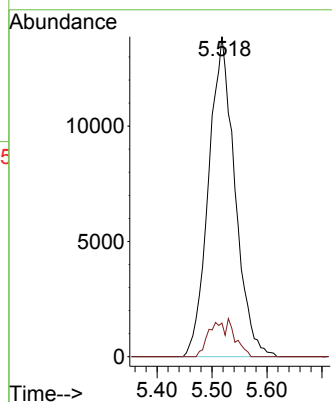
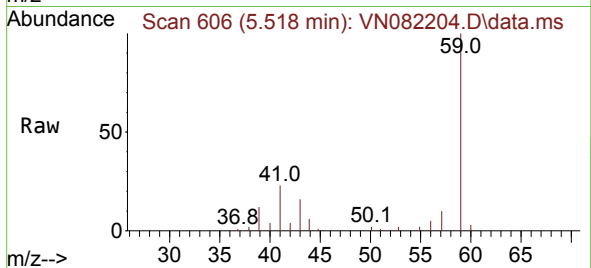




#11
Tert butyl alcohol
Concen: 100.739 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

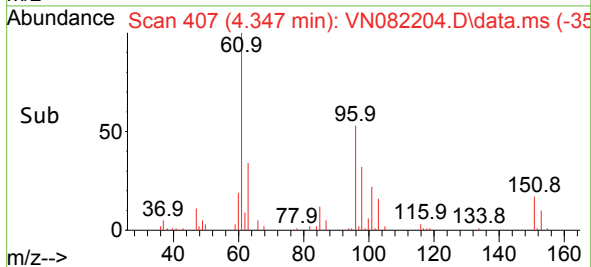
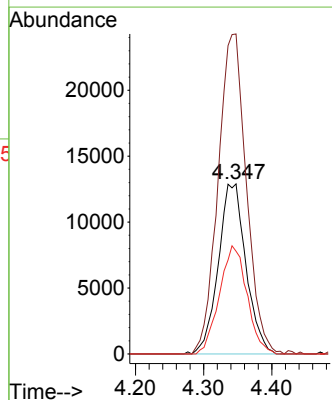
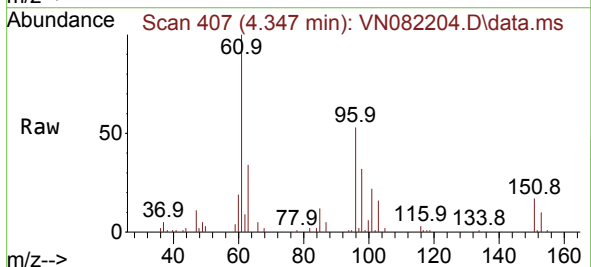
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01

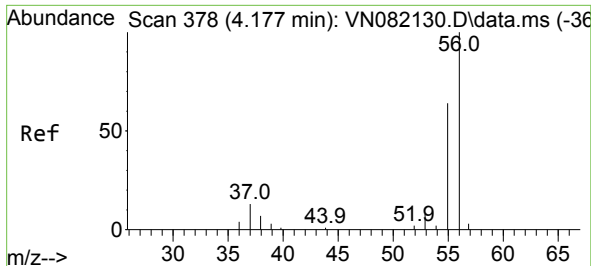
Tgt Ion: 59 Resp: 46173
Ion Ratio Lower Upper
59 100
57 6.8 8.9 13.3#



#12
1,1-Dichloroethene
Concen: 18.475 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

Tgt Ion: 96 Resp: 36485
Ion Ratio Lower Upper
96 100
61 188.1 119.7 179.5#
98 60.4 49.6 74.4





#13

Acrolein

Concen: 77.203 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN082204.D

Acq: 20 May 2024 12:58

Instrument :

MSVOA_N

ClientSampleId :

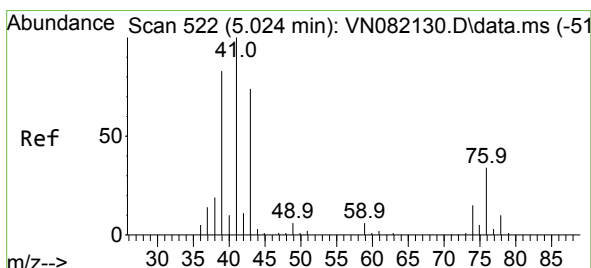
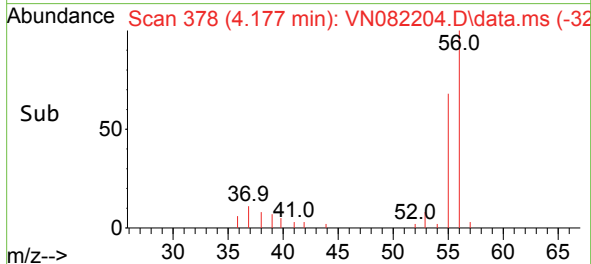
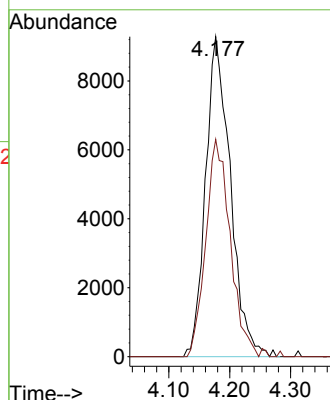
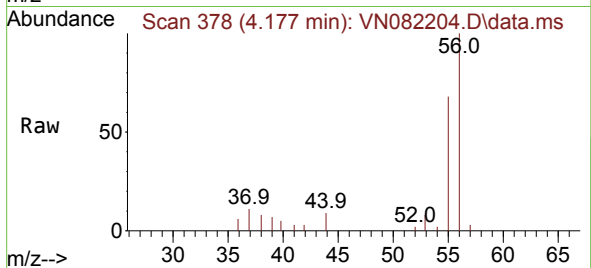
VN0520WBSD01

Tgt Ion: 56 Resp: 26222

Ion Ratio Lower Upper

56 100

55 66.9 55.8 83.8



#14

Allyl chloride

Concen: 20.059 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN082204.D

Acq: 20 May 2024 12:58

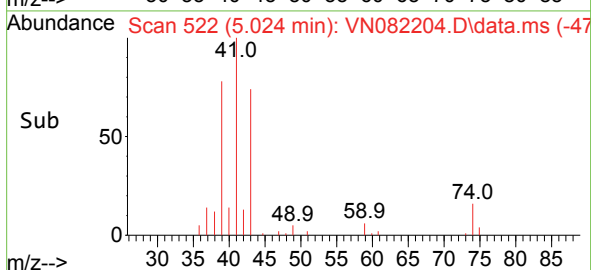
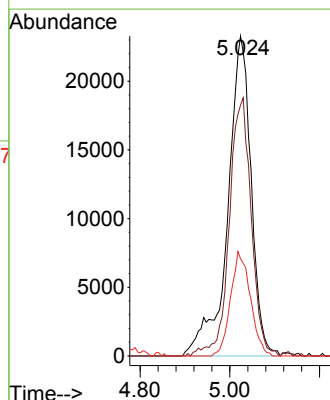
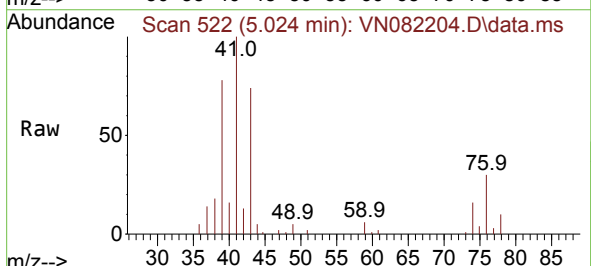
Tgt Ion: 41 Resp: 84812

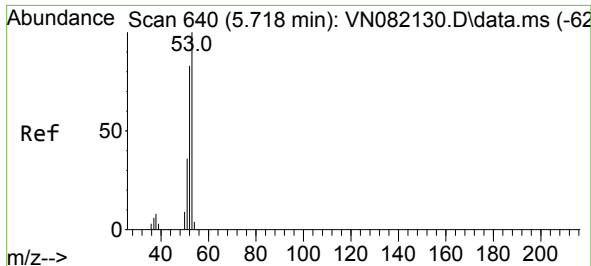
Ion Ratio Lower Upper

41 100

39 75.3 65.4 98.0

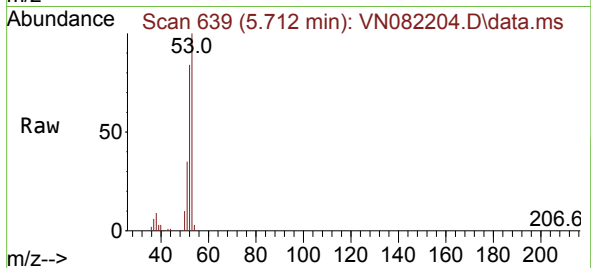
76 27.6 37.3 55.9#



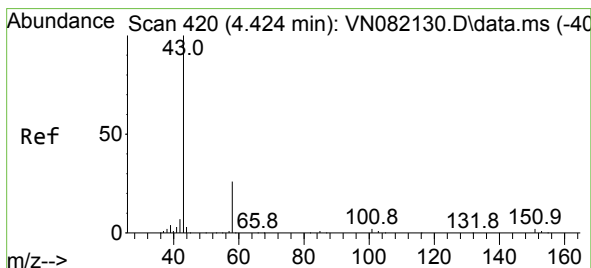
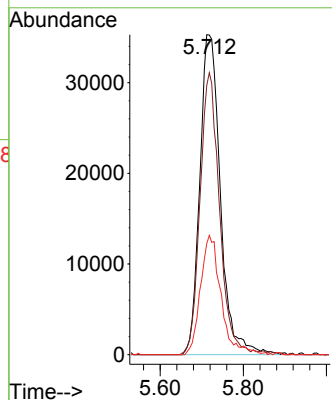
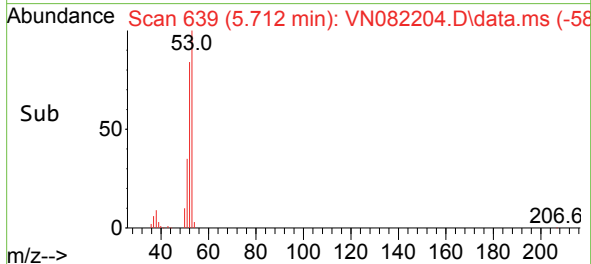


#15
Acrylonitrile
Concen: 102.449 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01

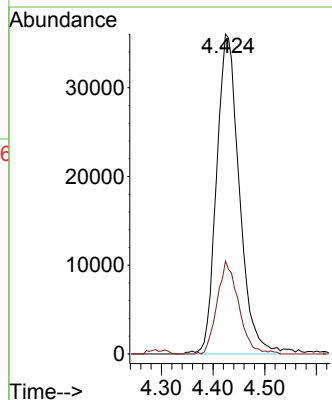
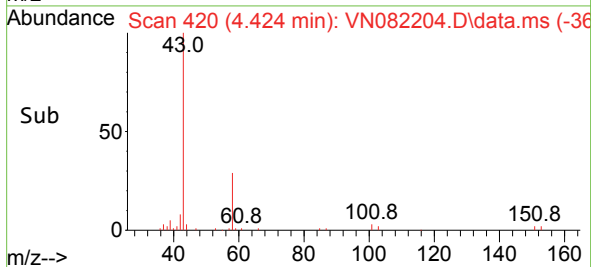
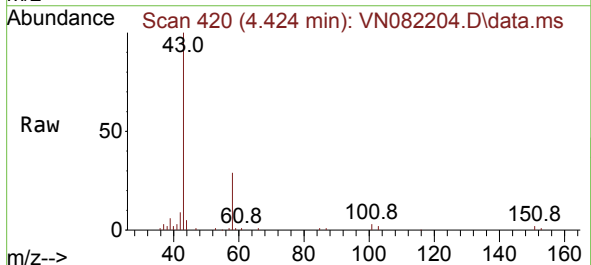


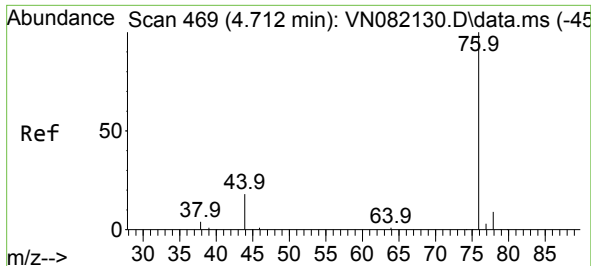
Tgt Ion: 53 Resp: 121613
Ion Ratio Lower Upper
53 100
52 82.7 66.1 99.1
51 37.0 29.4 44.2



#16
Acetone
Concen: 94.037 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

Tgt Ion: 43 Resp: 110146
Ion Ratio Lower Upper
43 100
58 29.0 25.2 37.8

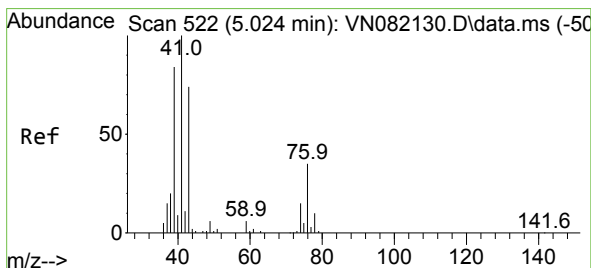
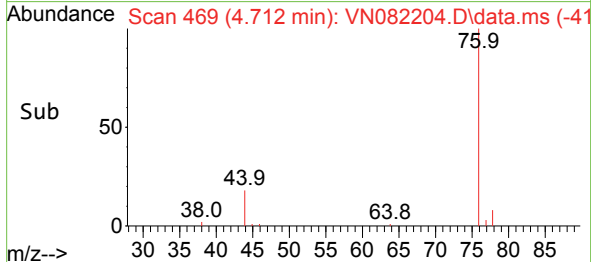
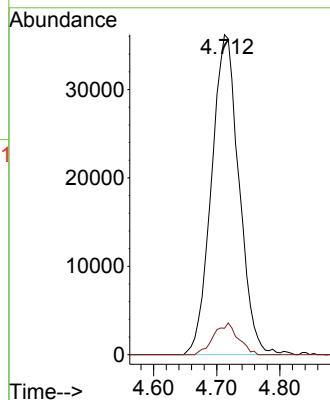
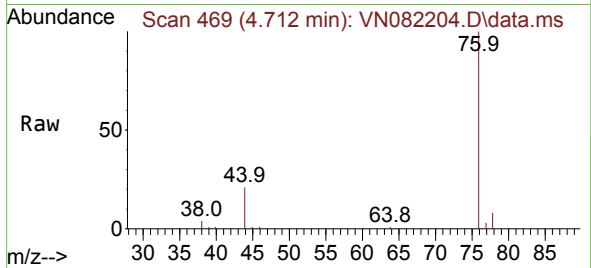




#17
Carbon Disulfide
Concen: 17.202 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

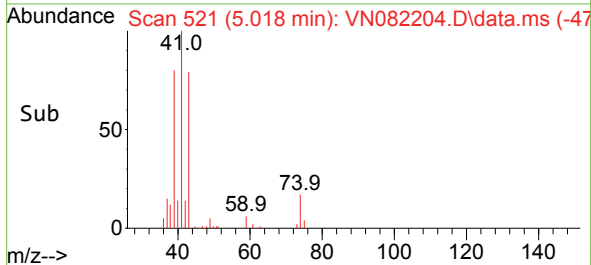
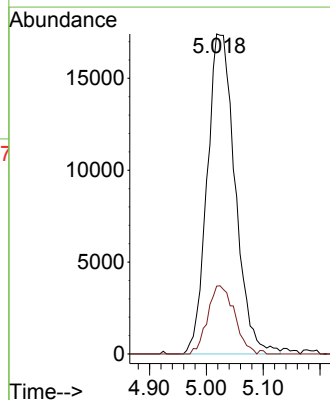
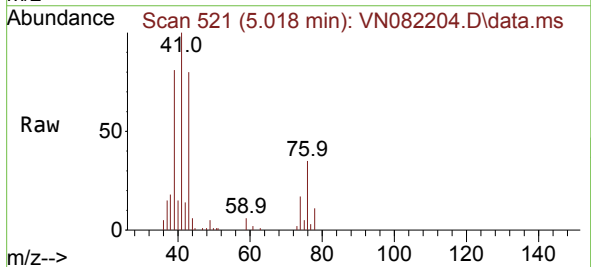
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01

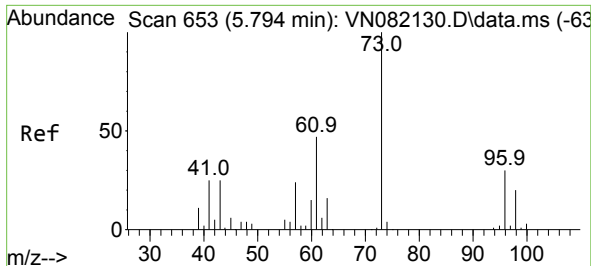
Tgt Ion: 76 Resp: 109723
Ion Ratio Lower Upper
76 100
78 8.3 7.5 11.3



#18
Methyl Acetate
Concen: 20.391 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

Tgt Ion: 43 Resp: 59481
Ion Ratio Lower Upper
43 100
74 20.4 22.2 33.2#

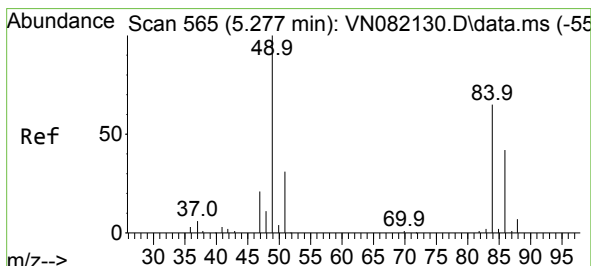
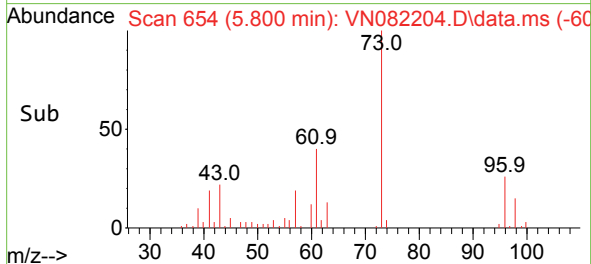
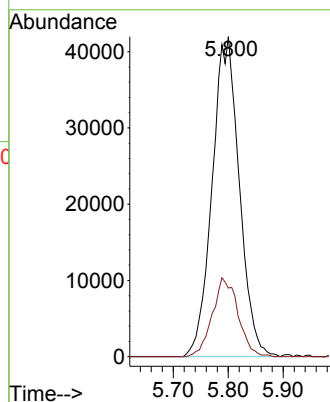
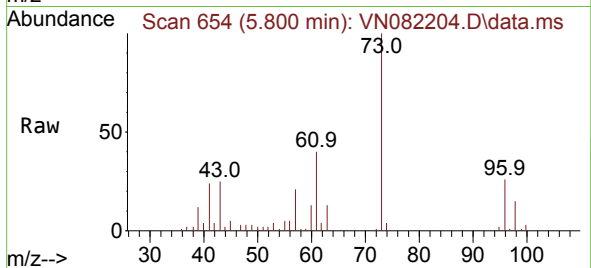




#19
Methyl tert-butyl Ether
Concen: 19.916 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

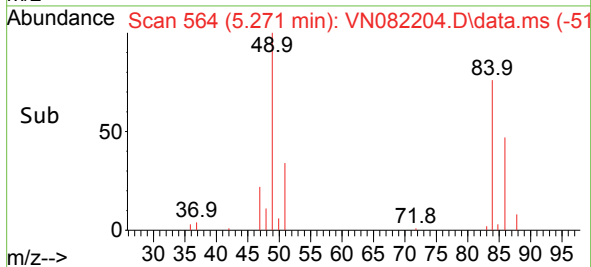
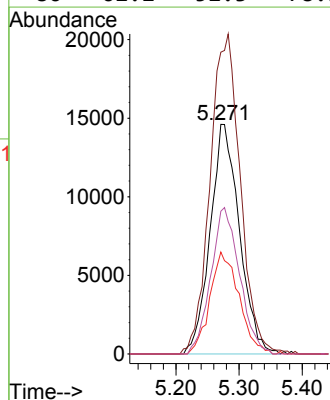
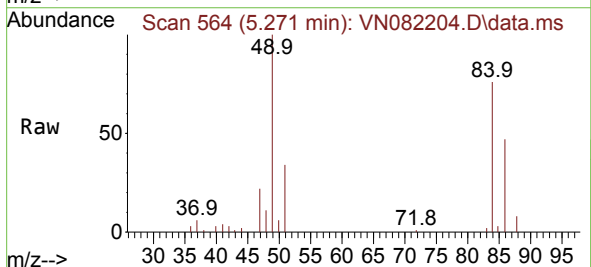
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01

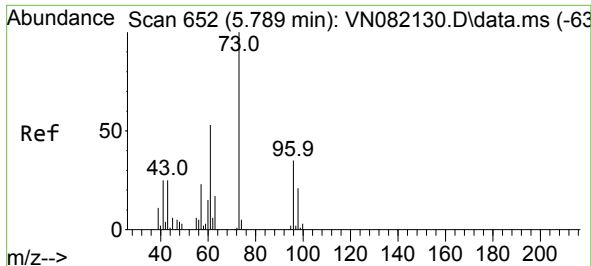
Tgt Ion: 73 Resp: 143766
Ion Ratio Lower Upper
73 100
57 21.4 16.5 24.7



#20
Methylene Chloride
Concen: 19.855 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

Tgt Ion: 84 Resp: 46923
Ion Ratio Lower Upper
84 100
49 131.5 84.9 127.3#
51 44.4 27.0 40.6#
86 62.2 52.3 78.5

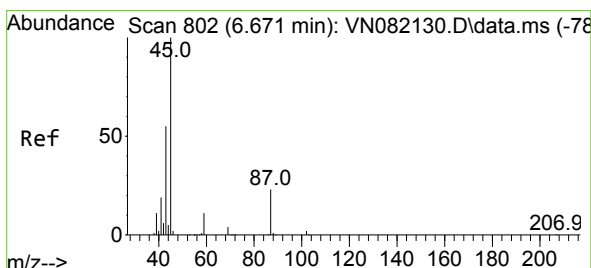
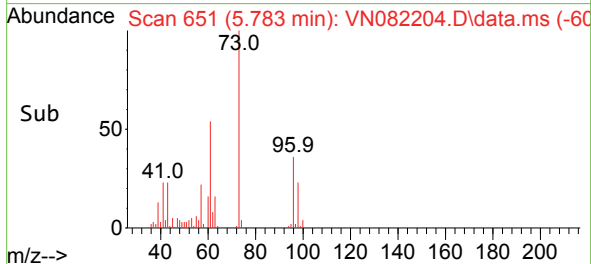
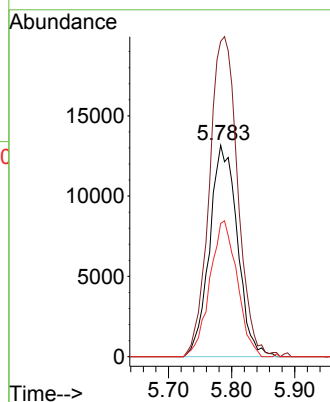
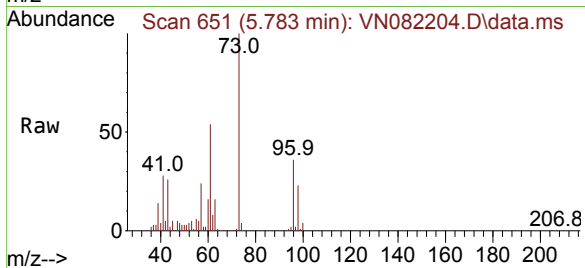




#21
trans-1,2-Dichloroethene
Concen: 18.732 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

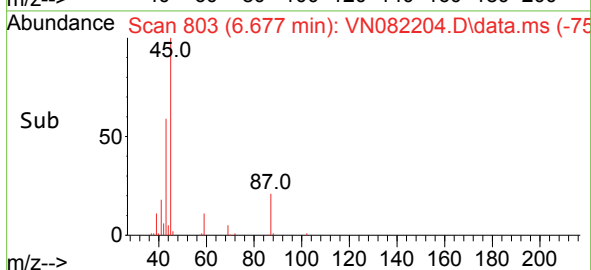
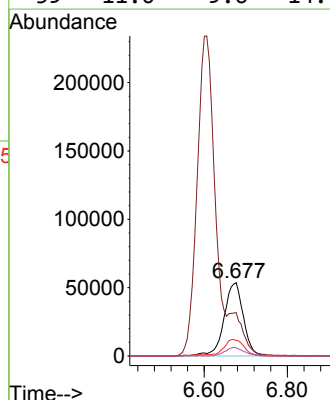
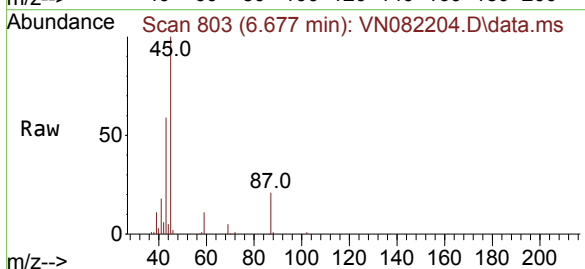
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01

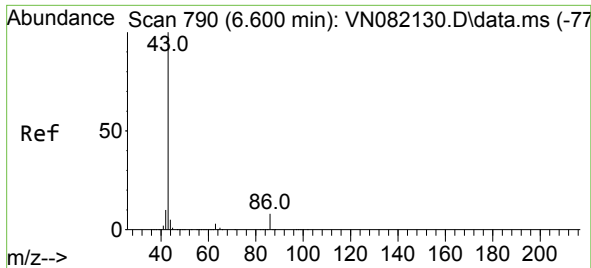
Tgt Ion: 96 Resp: 40313
Ion Ratio Lower Upper
96 100
61 149.2 96.5 144.7#
98 63.0 51.3 76.9



#22
Diisopropyl ether
Concen: 19.499 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

Tgt Ion: 45 Resp: 172158
Ion Ratio Lower Upper
45 100
43 58.2 44.1 66.1
87 21.1 27.0 40.6#
59 11.0 9.6 14.4

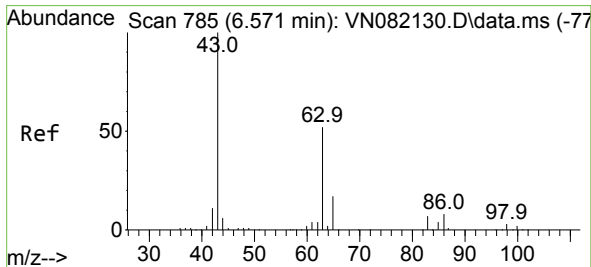
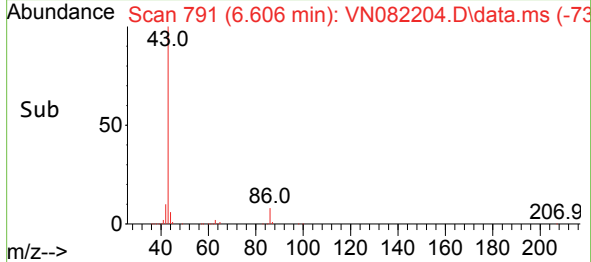
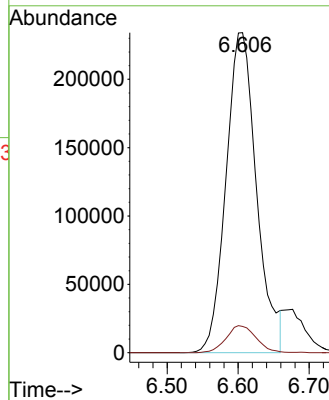
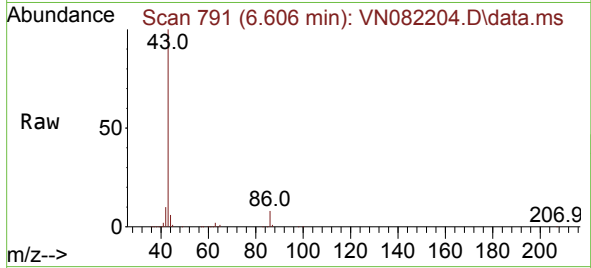




#23
 Vinyl Acetate
 Concen: 100.596 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN082204.D
 Acq: 20 May 2024 12:58

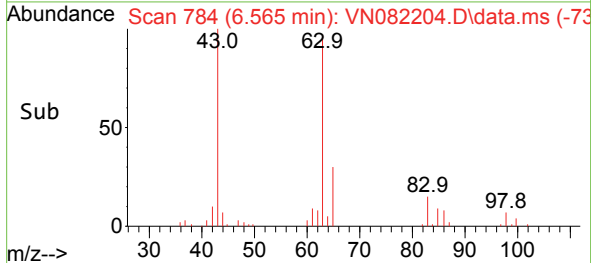
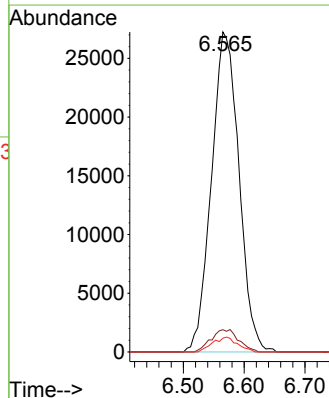
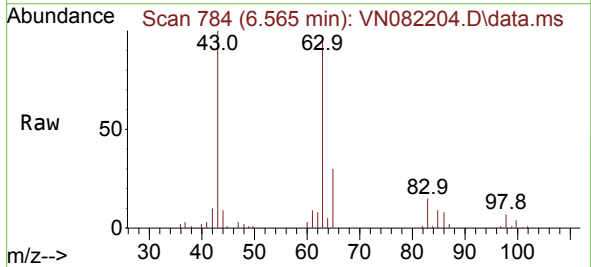
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0520WBSD01

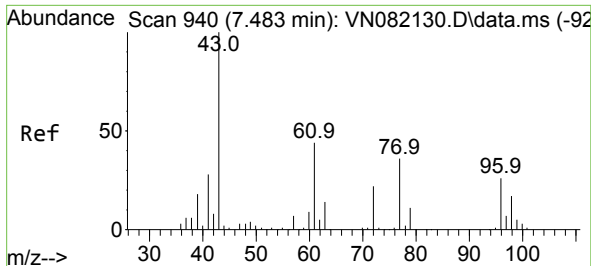
Tgt Ion: 43 Resp: 700251
 Ion Ratio Lower Upper
 43 100
 86 8.2 10.2 15.4#



#24
 1,1-Dichloroethane
 Concen: 18.760 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN082204.D
 Acq: 20 May 2024 12:58

Tgt Ion: 63 Resp: 85370
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.9
 100 4.3 2.6 7.8

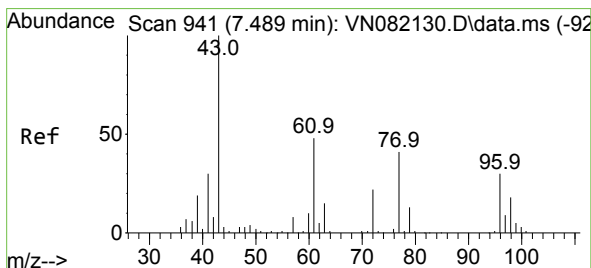
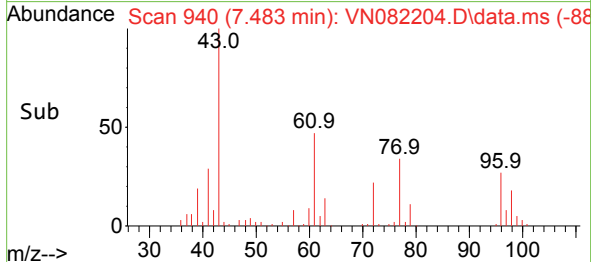
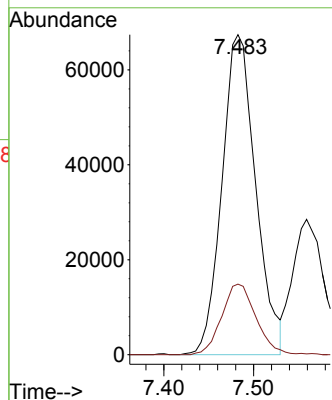
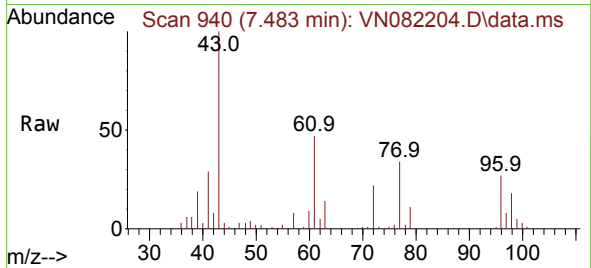




#25
2-Butanone
Concen: 99.040 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

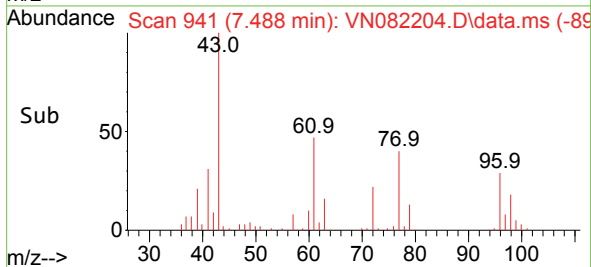
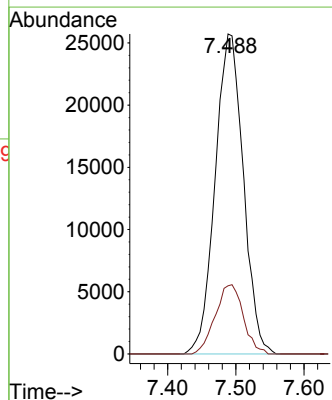
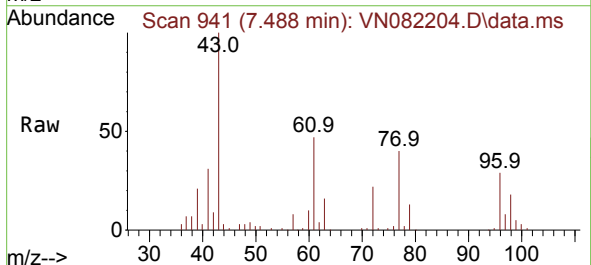
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01

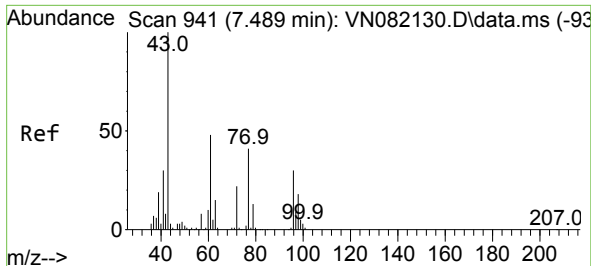
Tgt Ion: 43 Resp: 175884
Ion Ratio Lower Upper
43 100
72 22.0 25.3 37.9#



#26
2,2-Dichloropropane
Concen: 19.380 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

Tgt Ion: 77 Resp: 73871
Ion Ratio Lower Upper
77 100
97 21.6 11.3 33.9

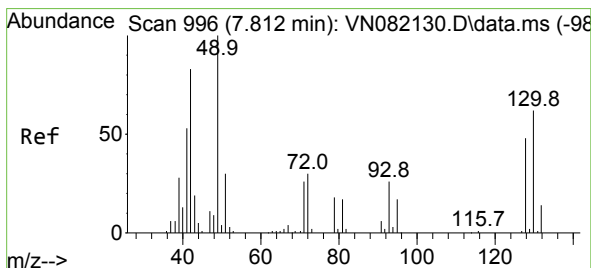
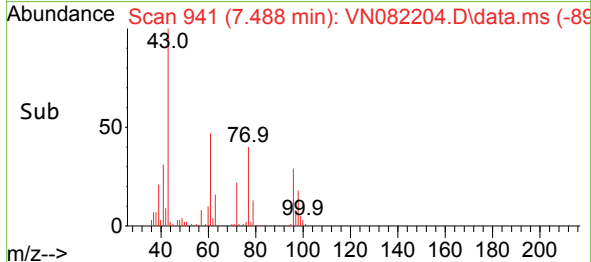
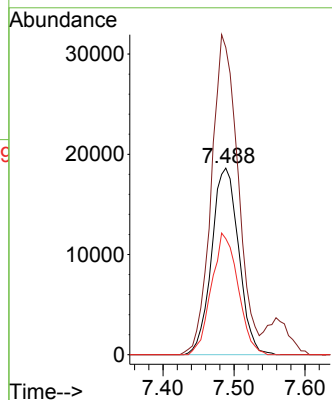
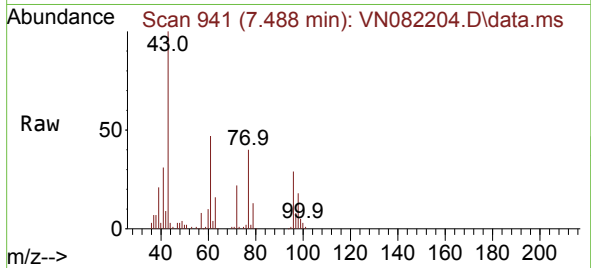




#27
 cis-1,2-Dichloroethene
 Concen: 19.391 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN082204.D
 Acq: 20 May 2024 12:58

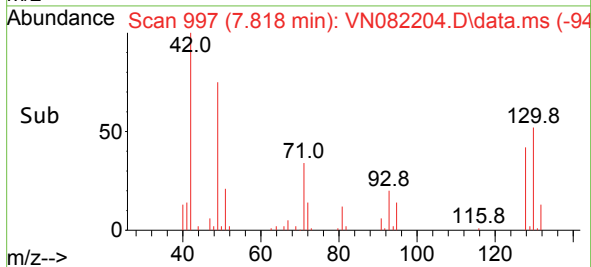
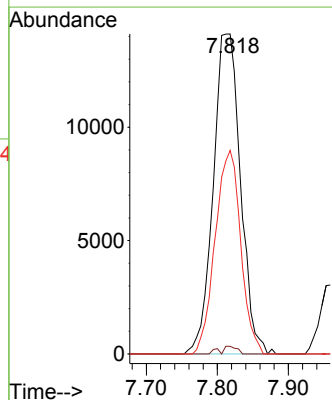
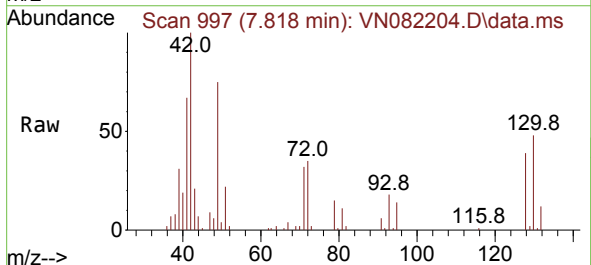
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0520WBSD01

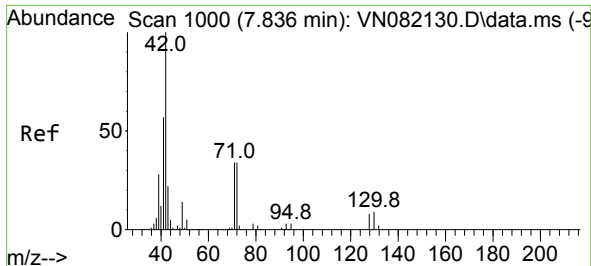
Tgt Ion: 96 Resp: 49250
 Ion Ratio Lower Upper
 96 100
 61 168.7 0.0 268.0
 98 64.1 0.0 126.8



#28
 Bromochloromethane
 Concen: 18.401 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN082204.D
 Acq: 20 May 2024 12:58

Tgt Ion: 49 Resp: 37577
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 4.6
 130 59.6 66.7 100.1#





#29

Tetrahydrofuran

Concen: 101.901 ug/l

RT: 7.835 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN082204.D

Acq: 20 May 2024 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN0520WBSD01

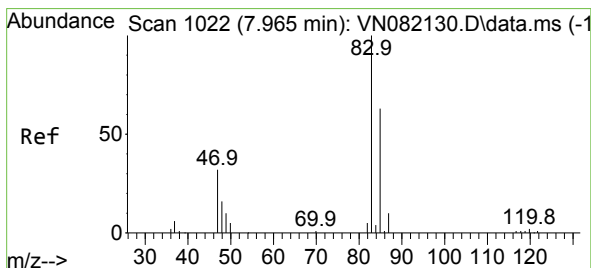
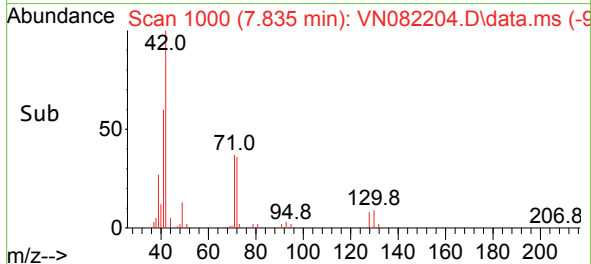
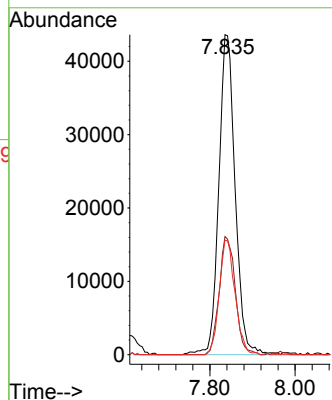
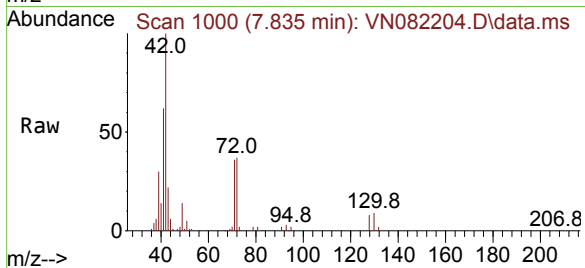
Tgt Ion: 42 Resp: 116189

Ion Ratio Lower Upper

42 100

72 36.4 39.3 58.9#

71 34.5 37.4 56.0#



#30

Chloroform

Concen: 19.910 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN082204.D

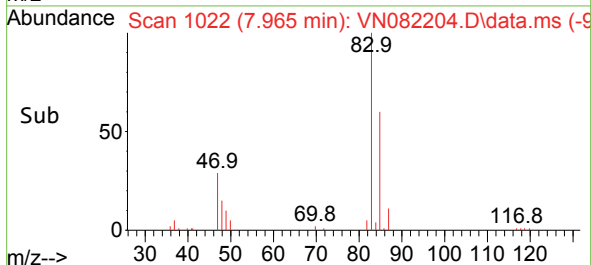
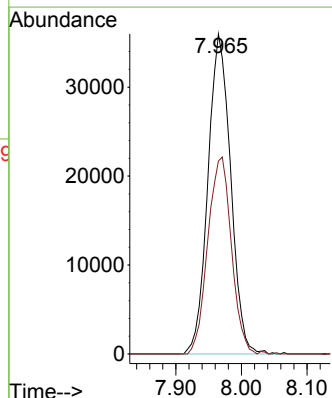
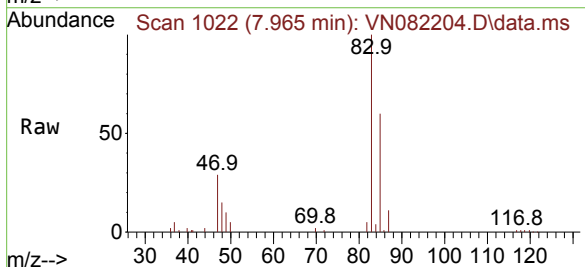
Acq: 20 May 2024 12:58

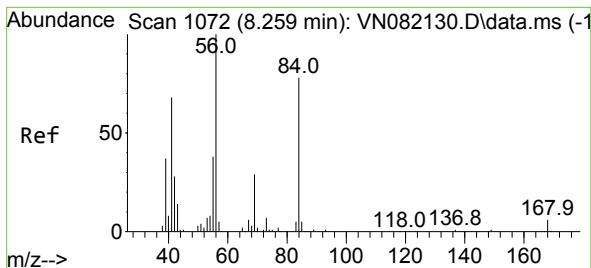
Tgt Ion: 83 Resp: 86525

Ion Ratio Lower Upper

83 100

85 60.3 50.7 76.1





#31

Cyclohexane

Concen: 17.637 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.006 min

Lab File: VN082204.D

Acq: 20 May 2024 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN0520WBSD01

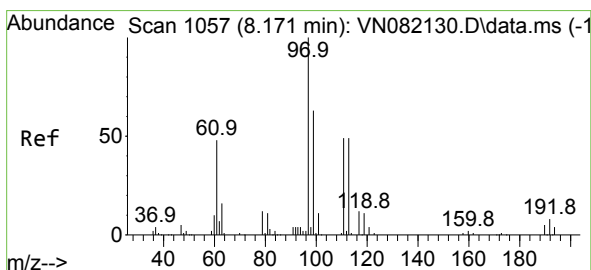
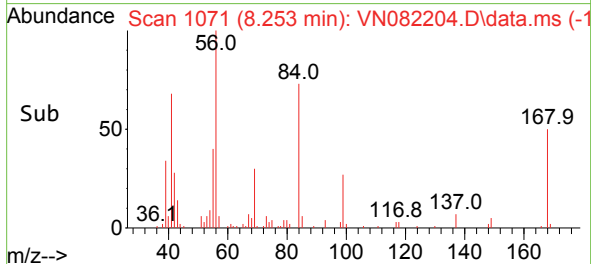
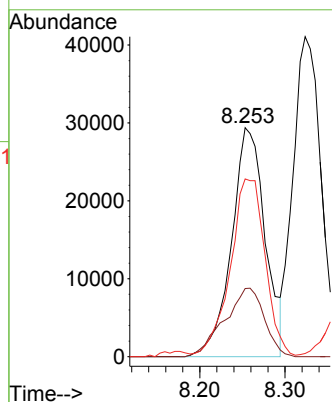
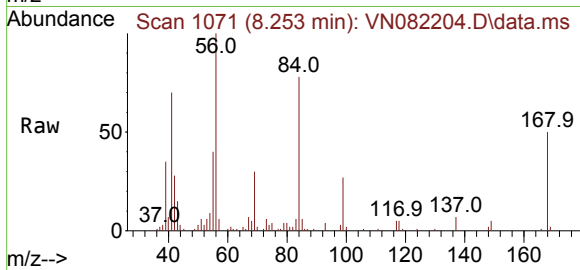
Tgt Ion: 56 Resp: 80433

Ion Ratio Lower Upper

56 100

69 29.7 24.4 36.6

84 75.3 77.0 115.4#



#32

1,1,1-Trichloroethane

Concen: 19.455 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN082204.D

Acq: 20 May 2024 12:58

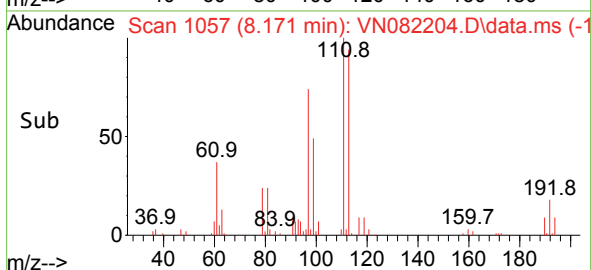
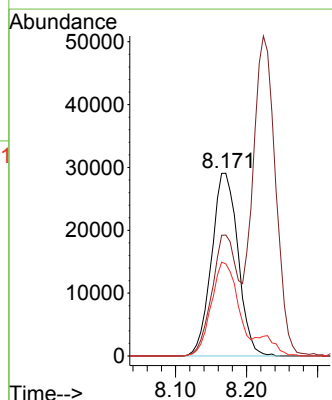
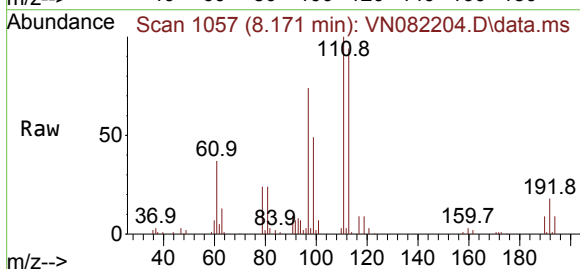
Tgt Ion: 97 Resp: 75006

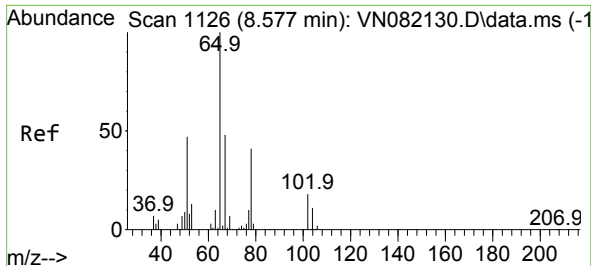
Ion Ratio Lower Upper

97 100

99 65.5 50.3 75.5

61 51.8 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 47.200 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082204.D

Acq: 20 May 2024 12:58

Instrument :

MSVOA_N

ClientSampleId :

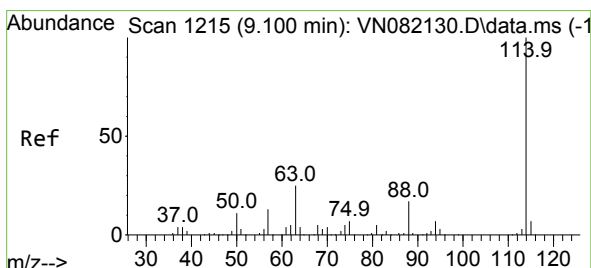
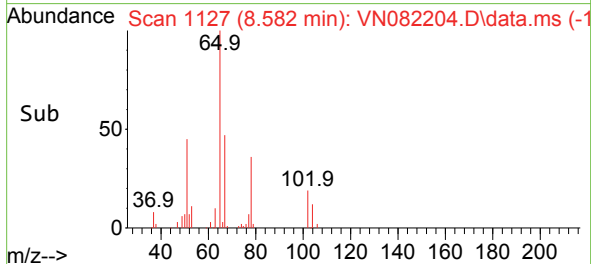
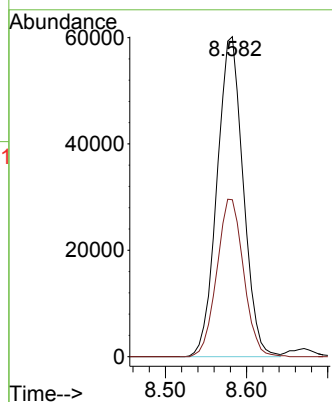
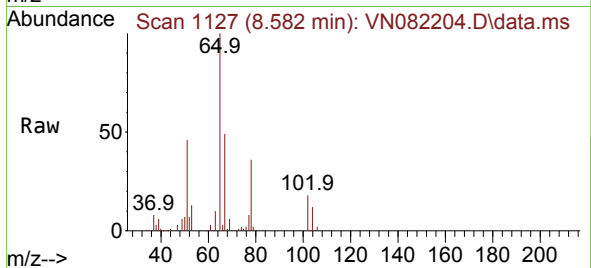
VN0520WBSD01

Tgt Ion: 65 Resp: 134772

Ion Ratio Lower Upper

65 100

67 50.3 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN082204.D

Acq: 20 May 2024 12:58

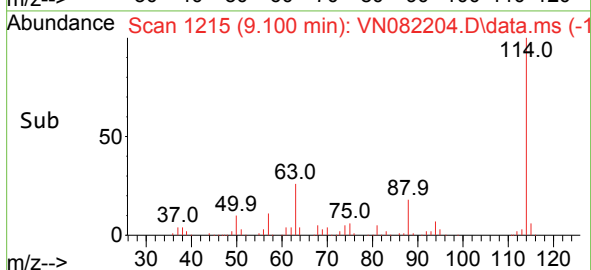
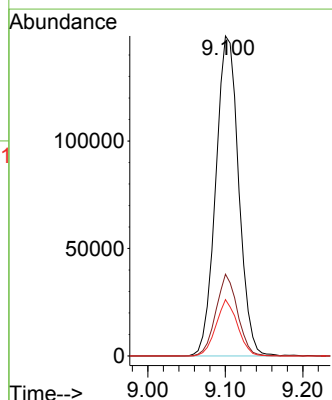
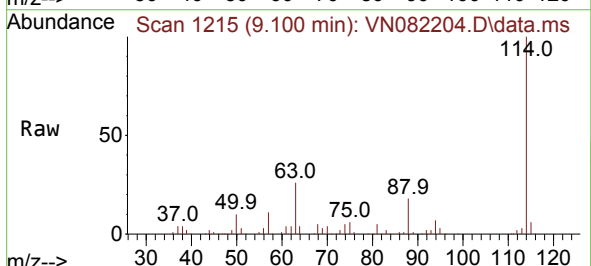
Tgt Ion: 114 Resp: 306443

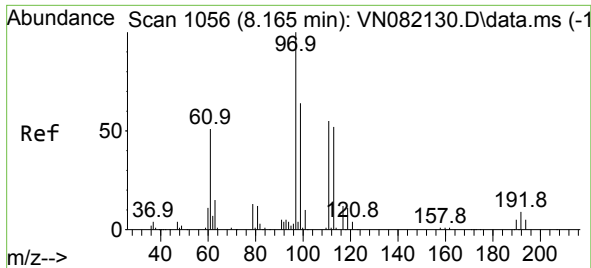
Ion Ratio Lower Upper

114 100

63 25.6 0.0 41.0

88 17.6 0.0 31.4

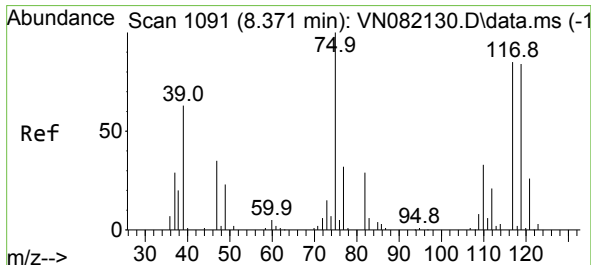
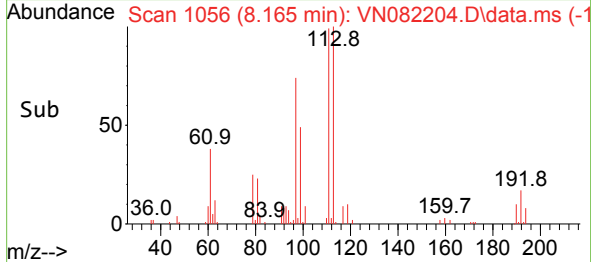
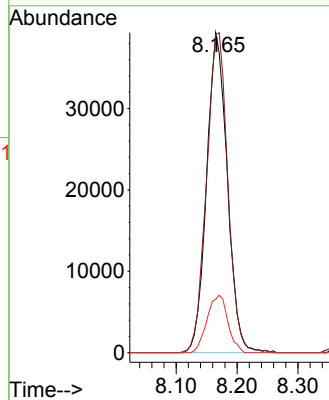
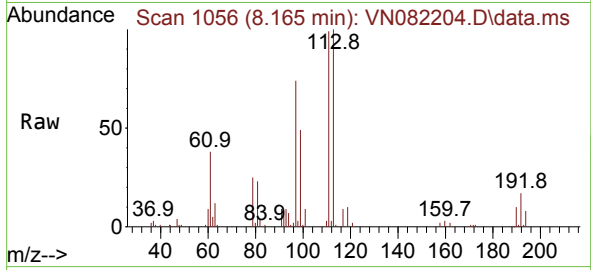




#35
Dibromofluoromethane
Concen: 49.147 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

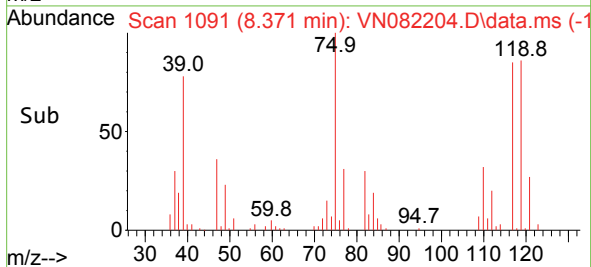
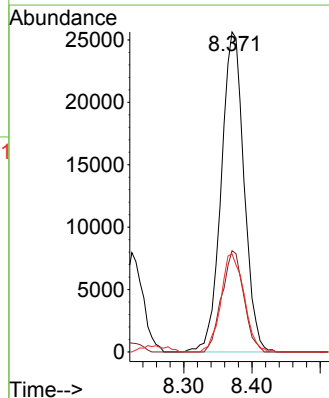
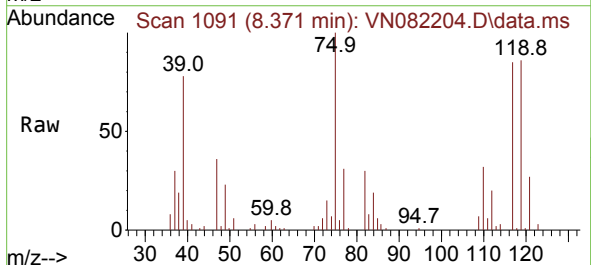
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01

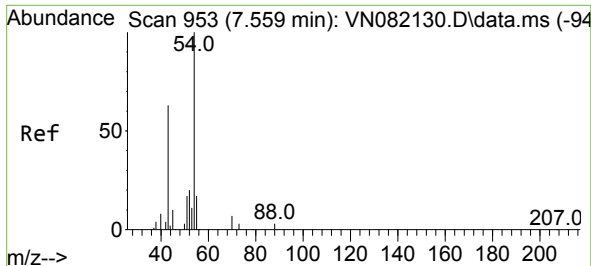
Tgt Ion:113 Resp: 92646
Ion Ratio Lower Upper
113 100
111 103.1 83.4 125.2
192 18.1 14.0 21.0



#36
1,1-Dichloropropene
Concen: 18.847 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

Tgt Ion: 75 Resp: 59587
Ion Ratio Lower Upper
75 100
110 30.4 17.8 53.5
77 31.3 25.0 37.4

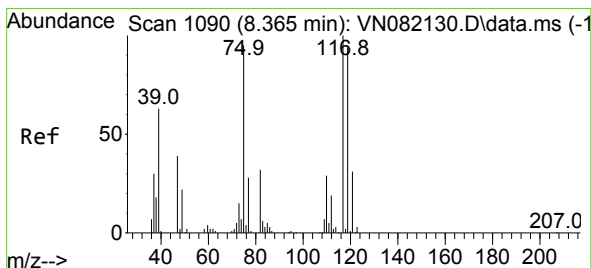
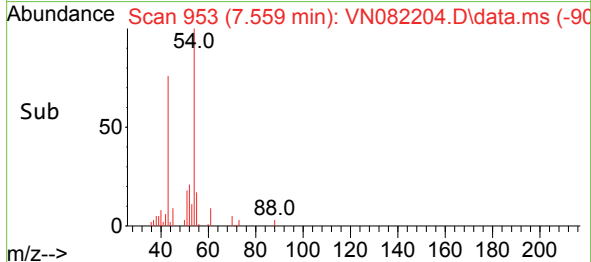
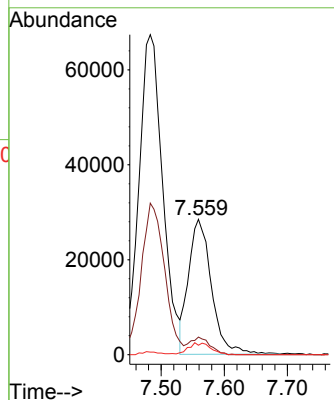
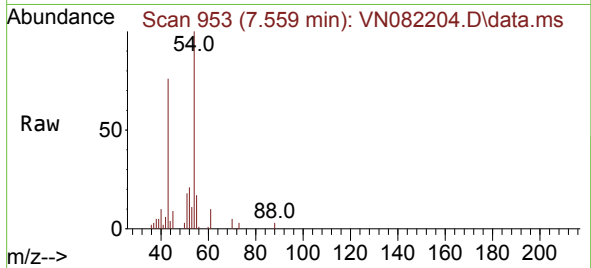




#37
Ethyl Acetate
Concen: 20.289 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

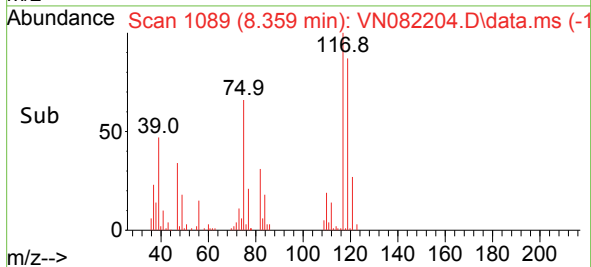
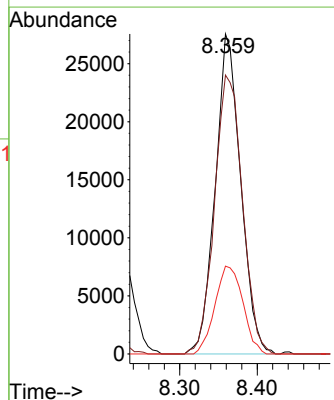
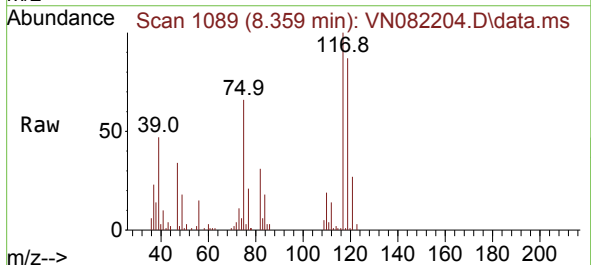
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01

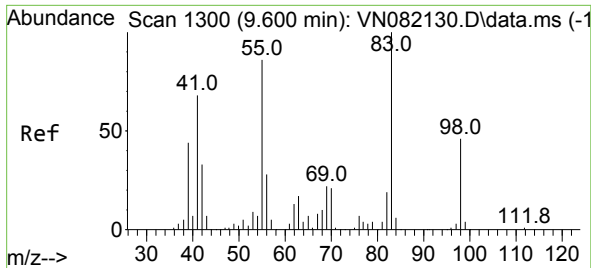
Tgt Ion: 43 Resp: 71787
Ion Ratio Lower Upper
43 100
61 11.5 11.3 16.9
70 8.7 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 19.600 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

Tgt Ion: 117 Resp: 62816
Ion Ratio Lower Upper
117 100
119 87.2 76.5 114.7
121 27.5 23.9 35.9

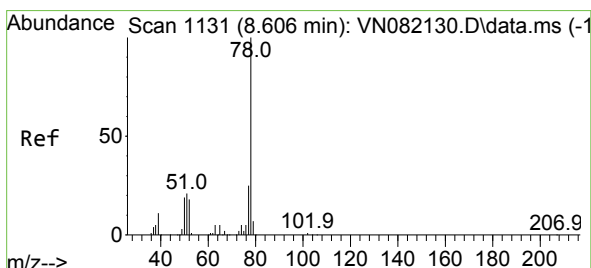
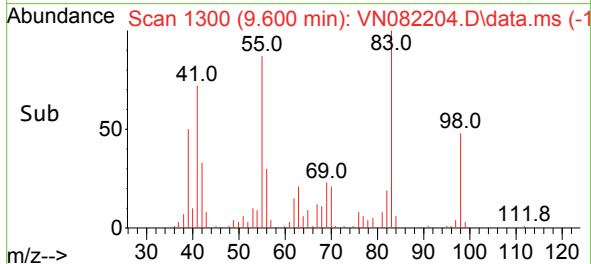
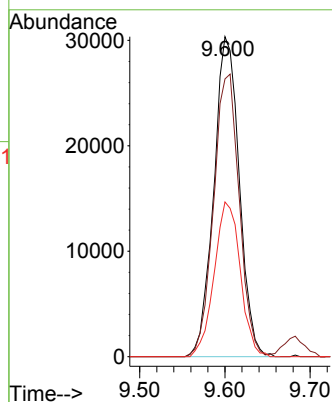
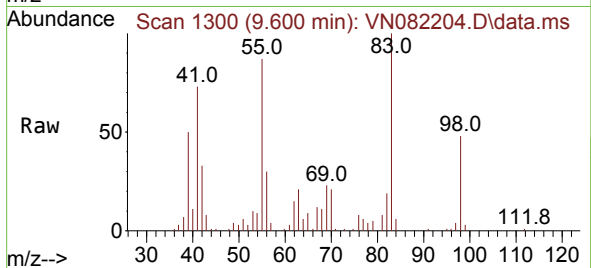




#39
Methylcyclohexane
Concen: 18.205 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

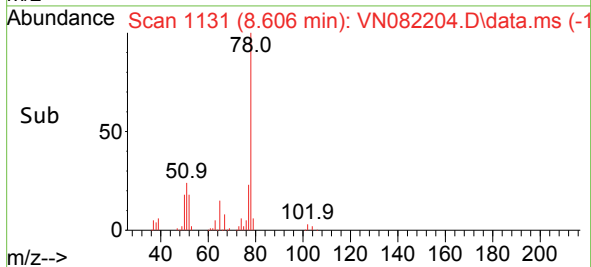
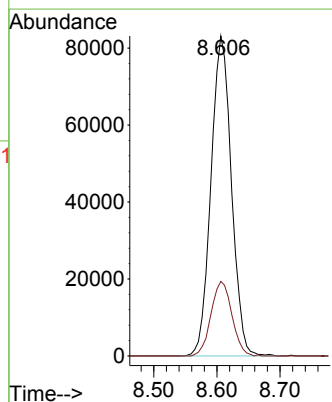
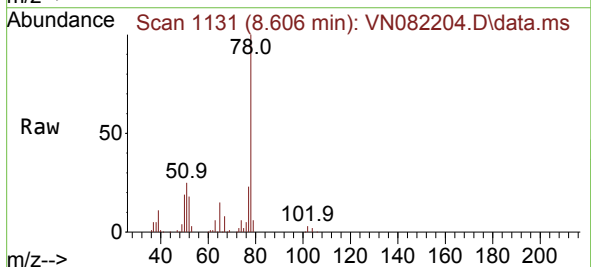
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01

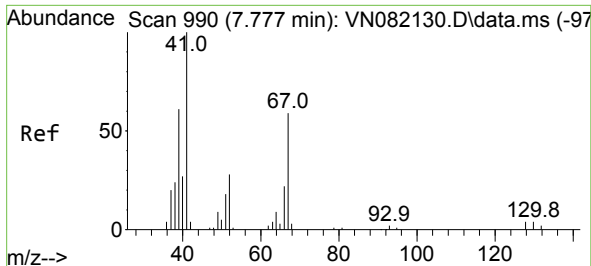
Tgt Ion: 83 Resp: 63089
Ion Ratio Lower Upper
83 100
55 86.8 53.0 79.6#
98 48.3 37.1 55.7



#40
Benzene
Concen: 19.830 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

Tgt Ion: 78 Resp: 186952
Ion Ratio Lower Upper
78 100
77 23.3 20.0 30.0

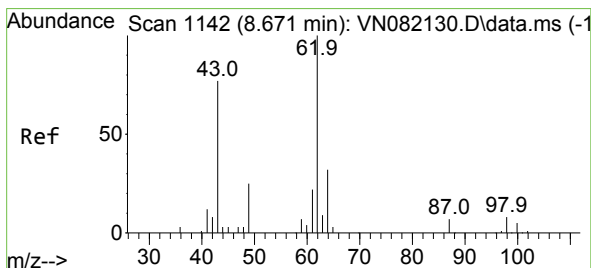
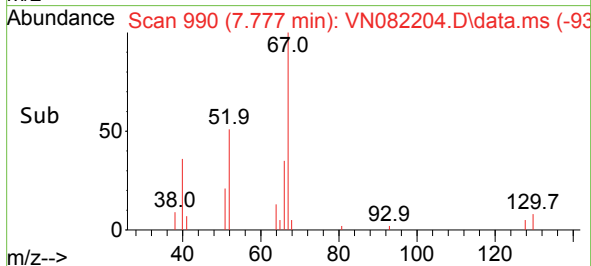
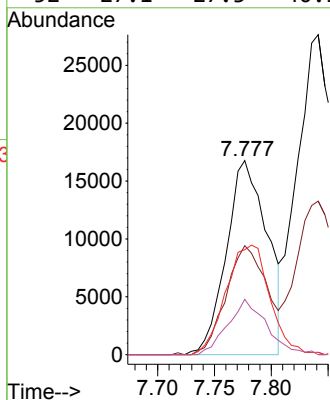
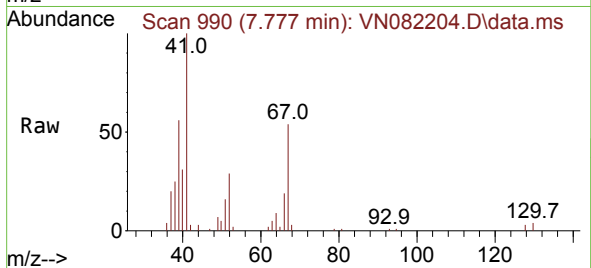




#41
Methacrylonitrile
Concen: 20.175 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

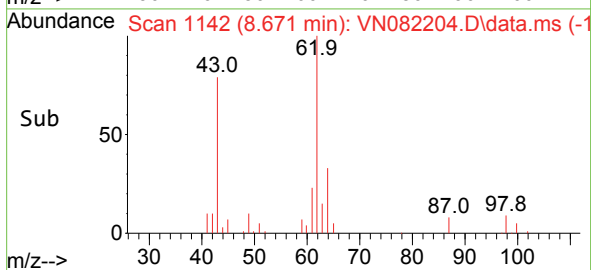
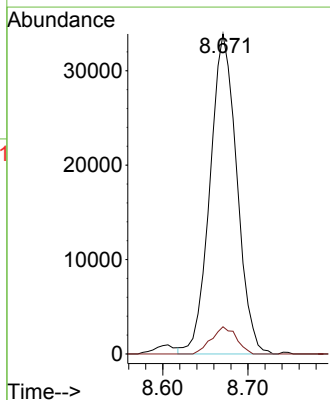
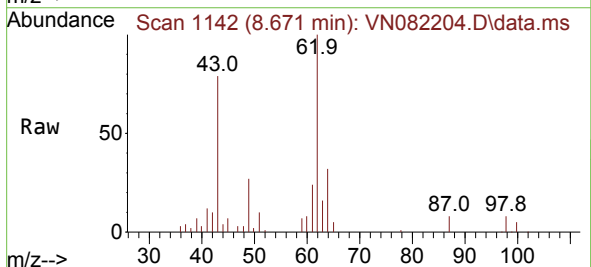
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01

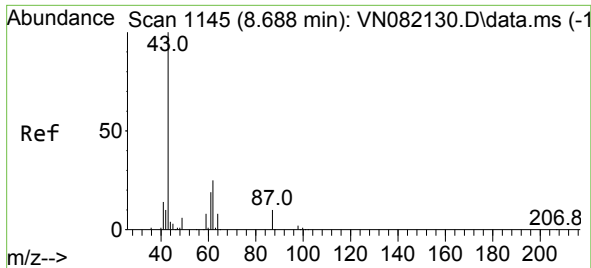
Tgt Ion:	41	Resp:	41981
Ion	Ratio	Lower	Upper
41	100		
39	56.1	46.6	69.8
67	60.5	67.3	100.9#
52	27.1	27.3	40.9#



#42
1,2-Dichloroethane
Concen: 20.480 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

Tgt Ion:	62	Resp:	74262
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	19.6

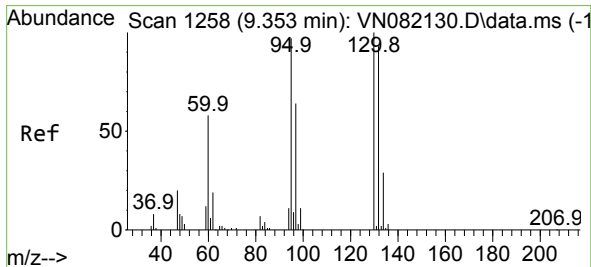
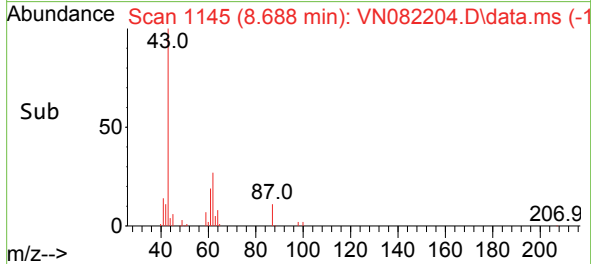
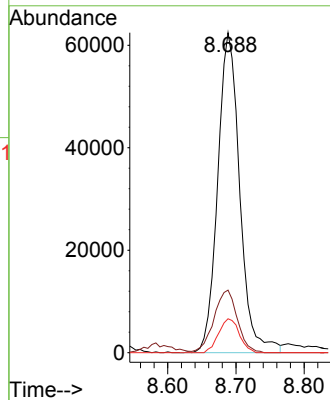
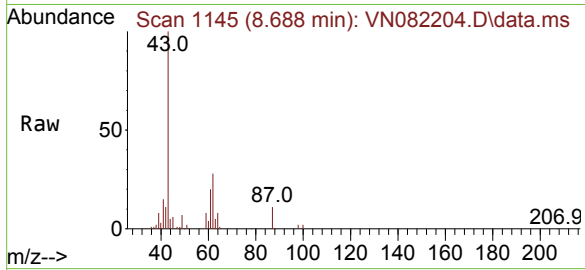




#43
Isopropyl Acetate
Concen: 22.416 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

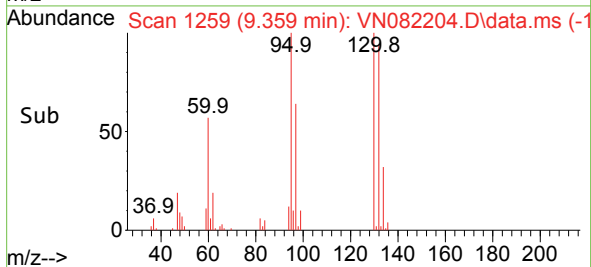
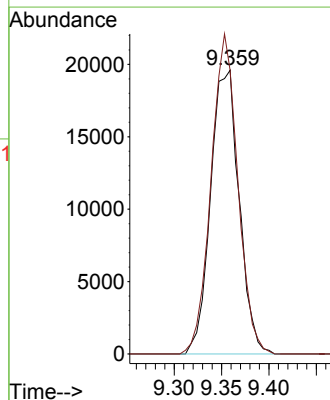
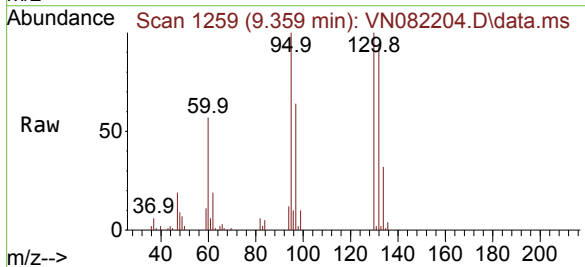
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01

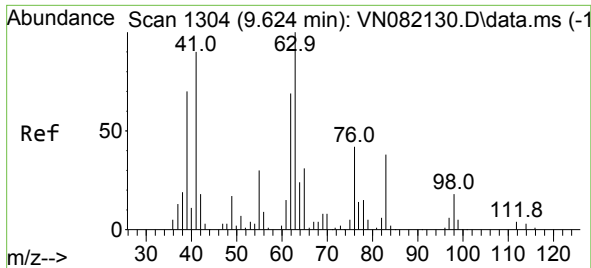
Tgt Ion: 43 Resp: 140538
Ion Ratio Lower Upper
43 100
61 20.8 22.8 34.2#
87 9.9 12.0 18.0#



#44
Trichloroethene
Concen: 19.191 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

Tgt Ion:130 Resp: 41099
Ion Ratio Lower Upper
130 100
95 99.9 0.0 195.4

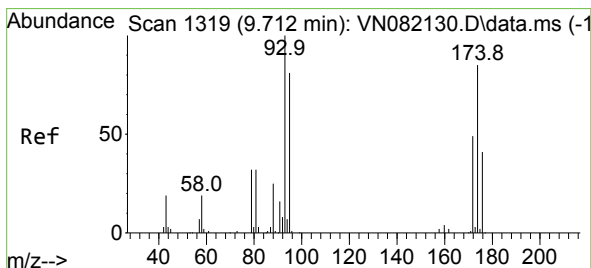
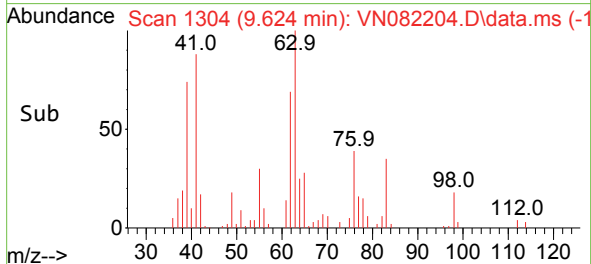
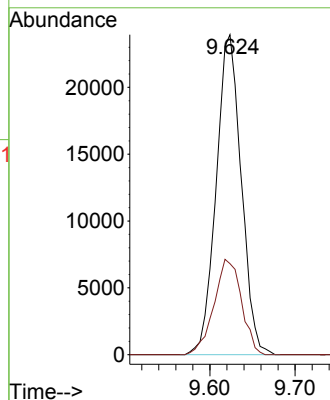
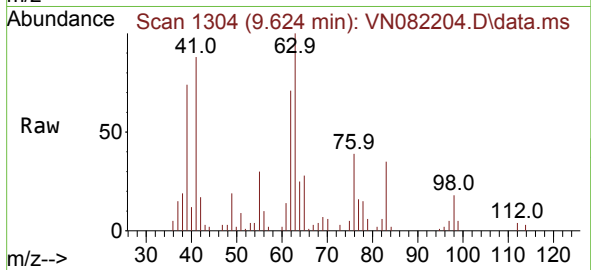




#45
1,2-Dichloropropane
Concen: 20.128 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

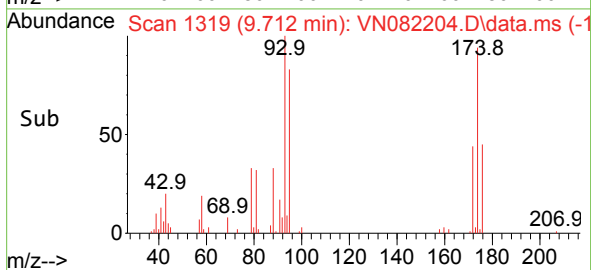
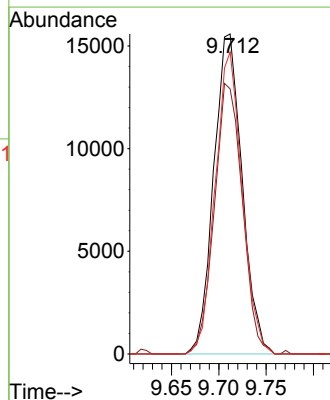
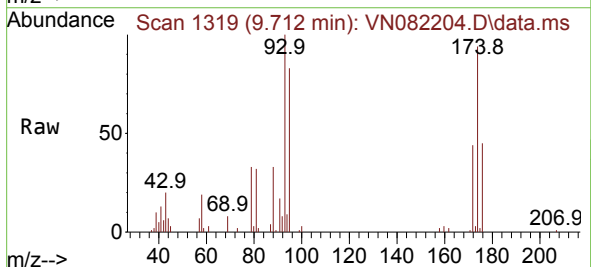
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01

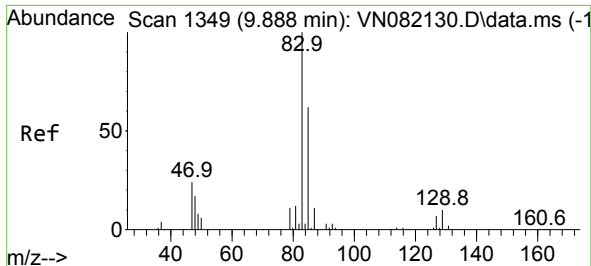
Tgt Ion: 63 Resp: 48961
Ion Ratio Lower Upper
63 100
65 28.5 24.1 36.1



#46
Dibromomethane
Concen: 20.314 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

Tgt Ion: 93 Resp: 32442
Ion Ratio Lower Upper
93 100
95 83.4 64.8 97.2
174 89.7 73.4 110.0





#47

Bromodichloromethane

Concen: 20.600 ug/l

RT: 9.888 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082204.D

Acq: 20 May 2024 12:58

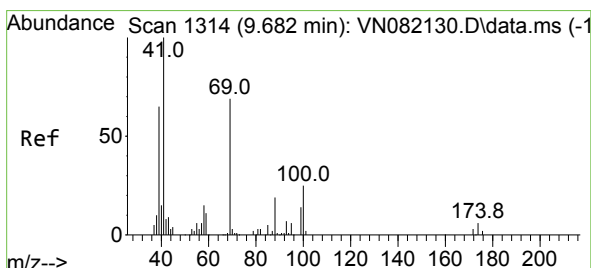
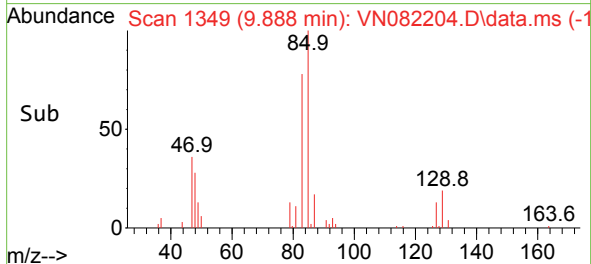
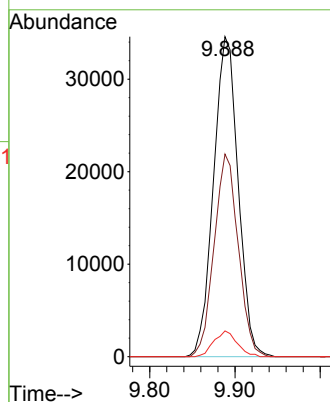
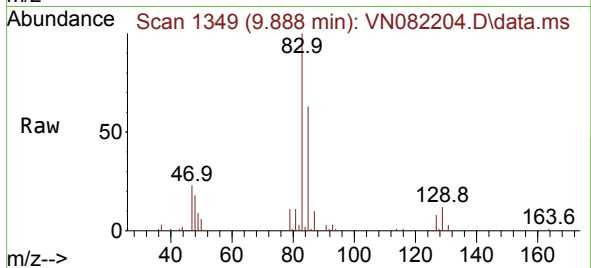
Instrument :

MSVOA_N

ClientSampleId :

VN0520WBSD01

Tgt Ion:	83	Resp:	69452
Ion	Ratio	Lower	Upper
83	100		
85	63.3	51.9	77.9
127	8.0	7.5	11.3



#48

Methyl methacrylate

Concen: 20.091 ug/l

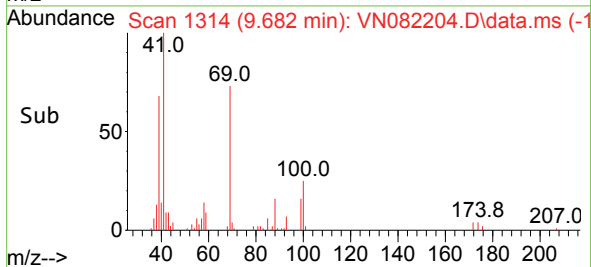
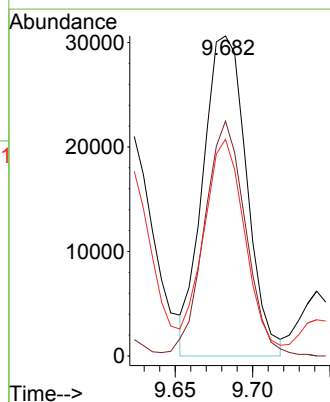
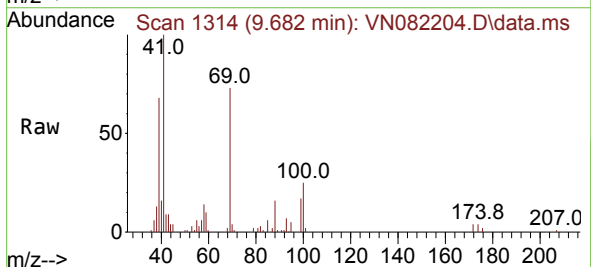
RT: 9.682 min Scan# 1314

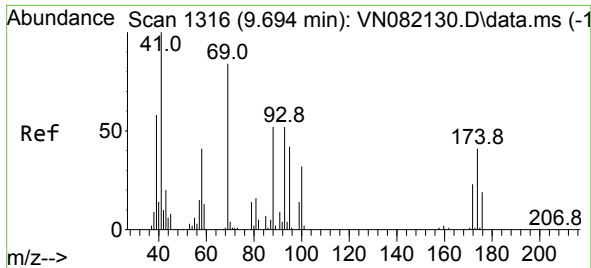
Delta R.T. -0.000 min

Lab File: VN082204.D

Acq: 20 May 2024 12:58

Tgt Ion:	41	Resp:	60019
Ion	Ratio	Lower	Upper
41	100		
69	69.3	77.9	116.9#
39	64.7	50.9	76.3





#49

1,4-Dioxane

Concen: 444.629 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082204.D

Acq: 20 May 2024 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN0520WBSD01

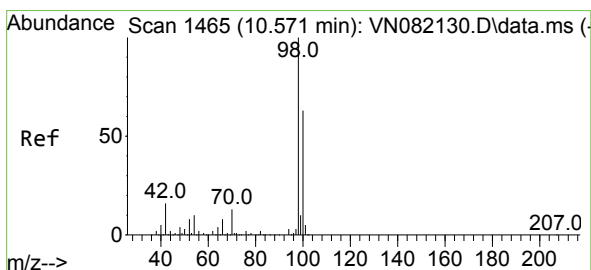
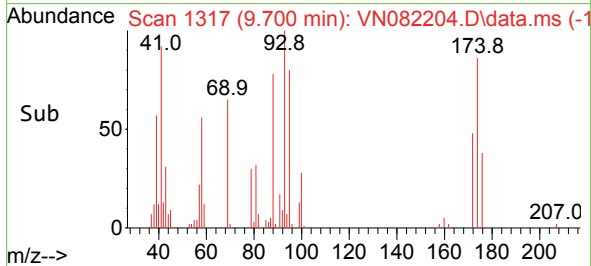
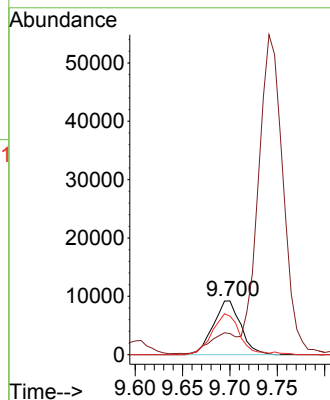
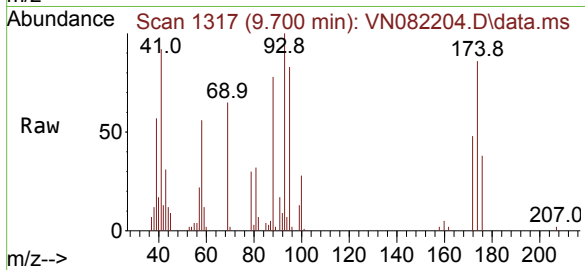
Tgt Ion: 88 Resp: 18613

Ion Ratio Lower Upper

88 100

43 39.8 19.0 28.6#

58 77.7 50.6 76.0#



#50

Toluene-d8

Concen: 47.567 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN082204.D

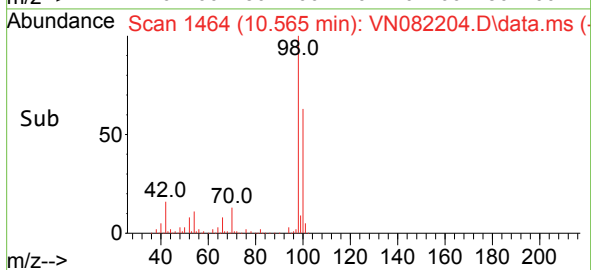
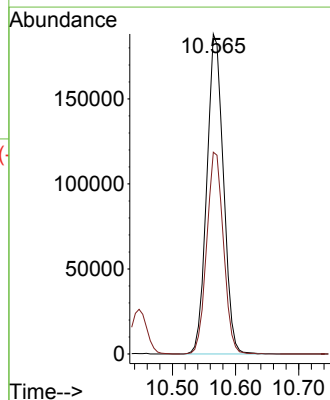
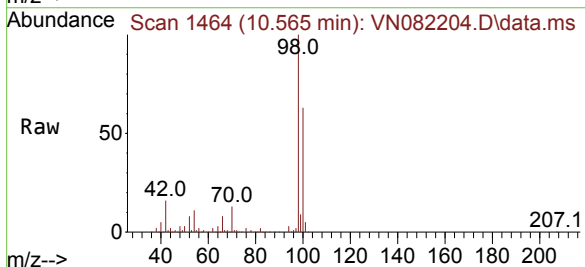
Acq: 20 May 2024 12:58

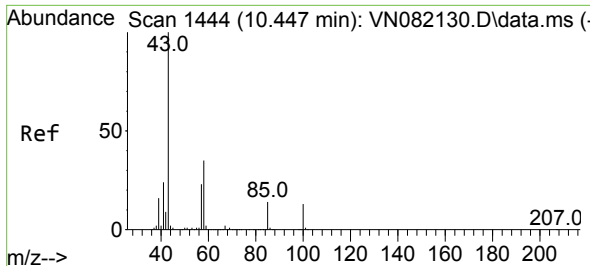
Tgt Ion: 98 Resp: 343779

Ion Ratio Lower Upper

98 100

100 63.7 51.8 77.6

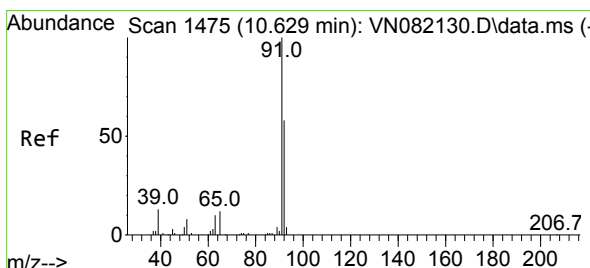
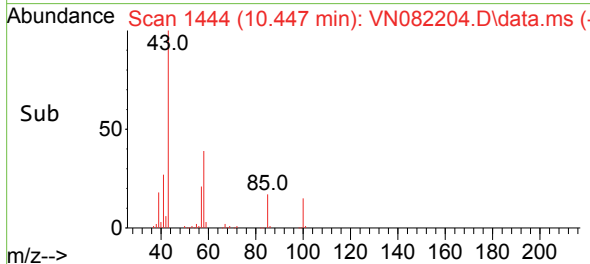
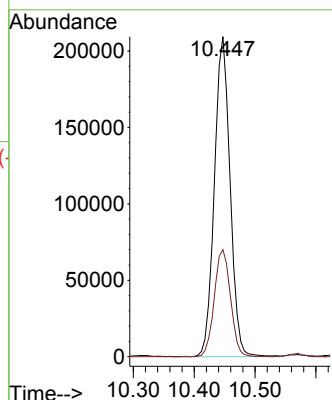
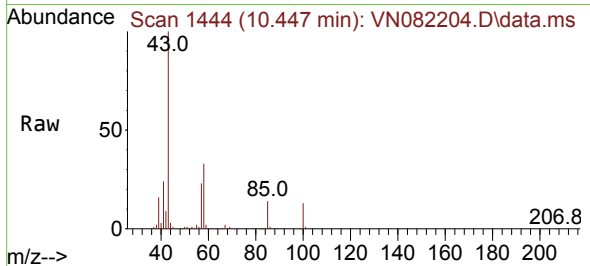




#51
4-Methyl-2-Pentanone
Concen: 105.300 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

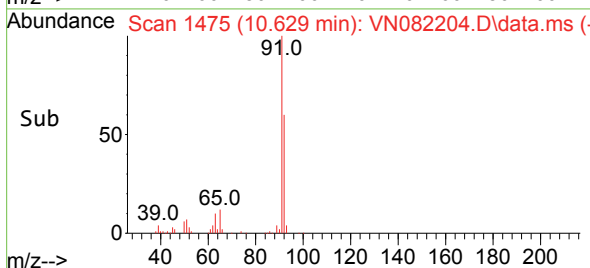
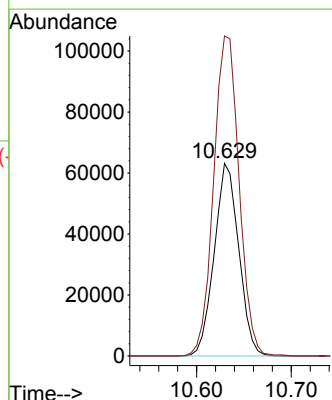
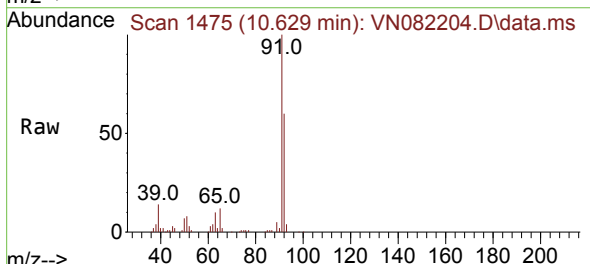
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01

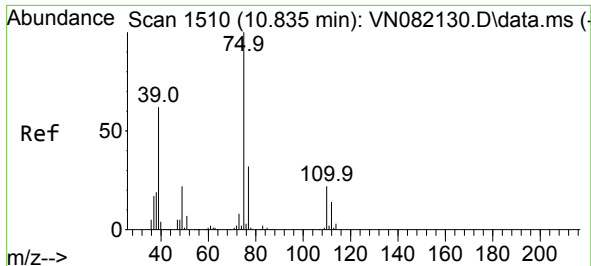
Tgt Ion: 43 Resp: 375092
Ion Ratio Lower Upper
43 100
58 34.6 33.2 49.8



#52
Toluene
Concen: 20.071 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

Tgt Ion: 92 Resp: 113557
Ion Ratio Lower Upper
92 100
91 172.6 136.7 205.1

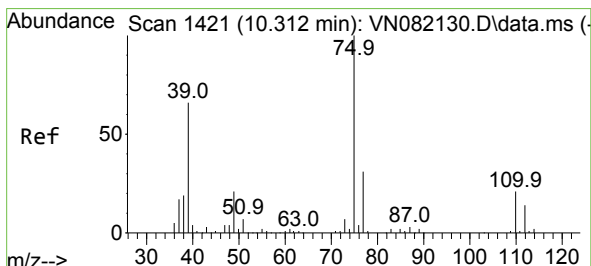
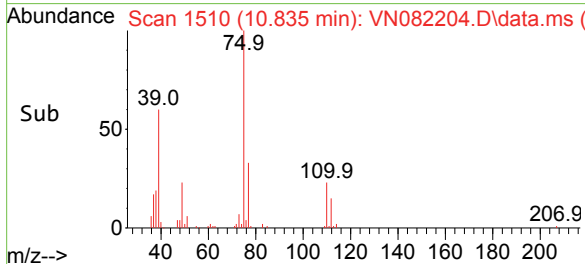
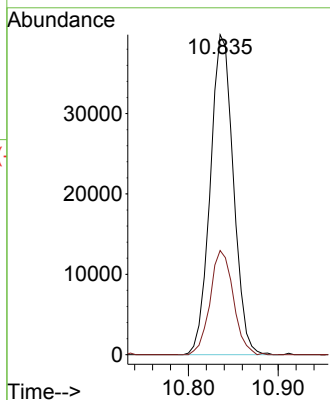
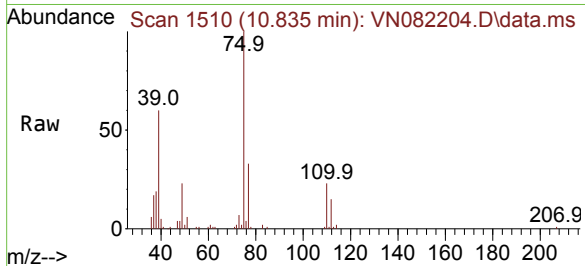




#53
 t-1,3-Dichloropropene
 Concen: 20.425 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN082204.D
 Acq: 20 May 2024 12:58

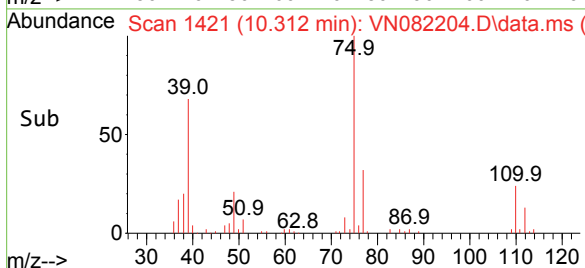
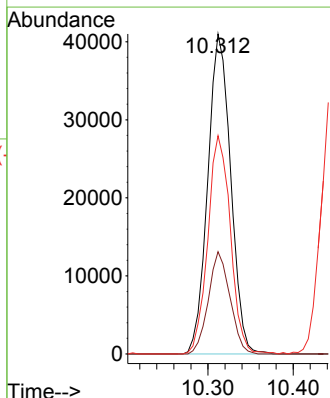
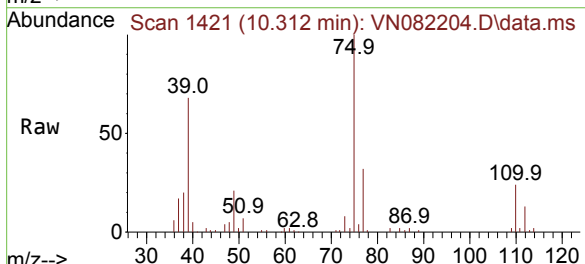
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0520WBSD01

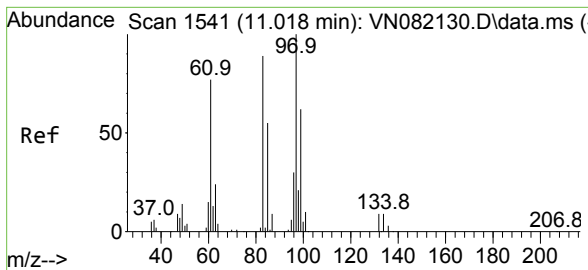
Tgt Ion: 75 Resp: 71219
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.795 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN082204.D
 Acq: 20 May 2024 12:58

Tgt Ion: 75 Resp: 76751
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.0 37.4
 39 68.2 34.8 52.2#

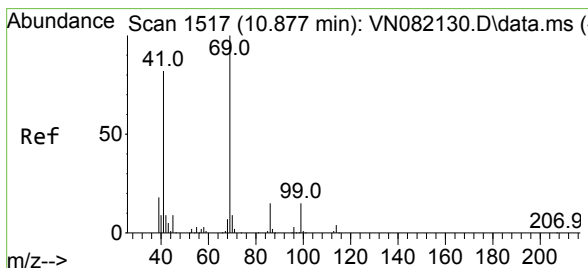
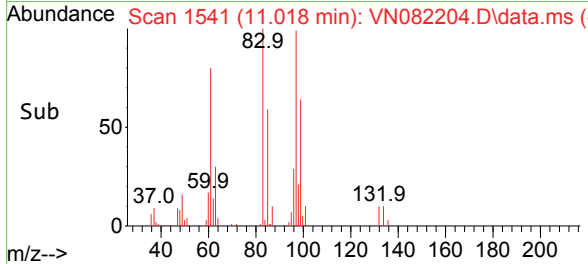
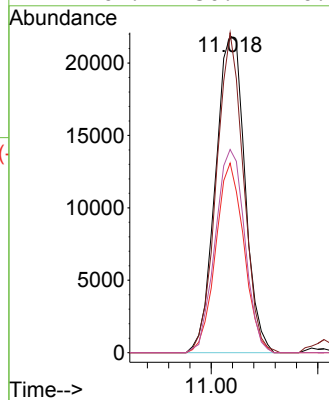
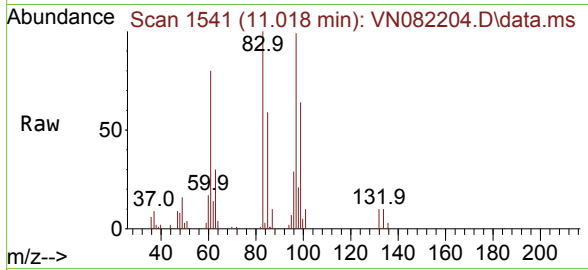




#55
1,1,2-Trichloroethane
Concen: 20.370 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

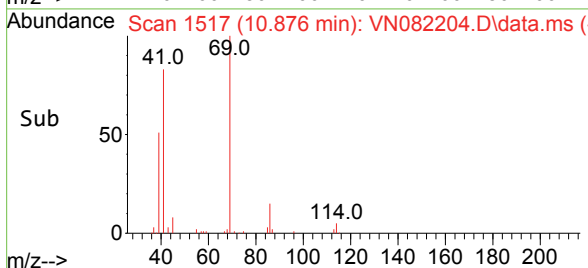
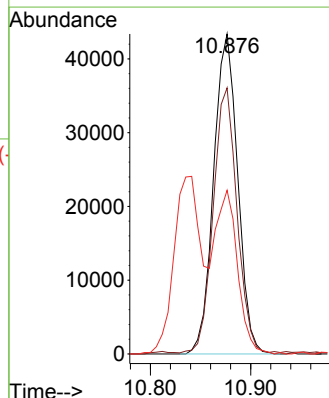
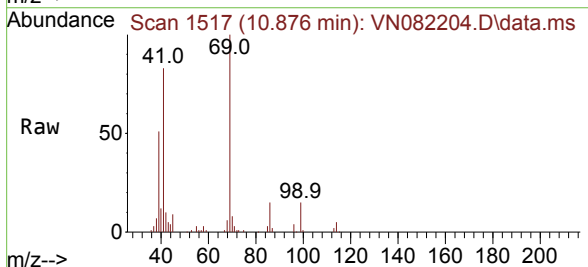
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01

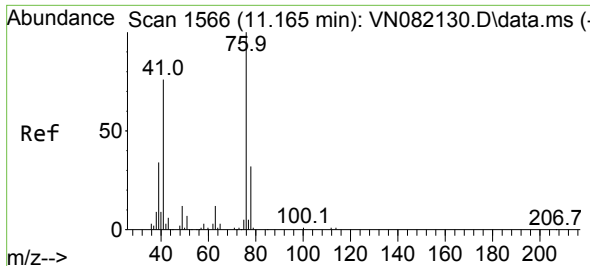
Tgt Ion:	97	Resp:	41881
Ion	Ratio	Lower	Upper
97	100		
83	100.9	70.4	105.6
85	59.8	45.6	68.4
99	64.1	50.9	76.3



#56
Ethyl methacrylate
Concen: 20.658 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

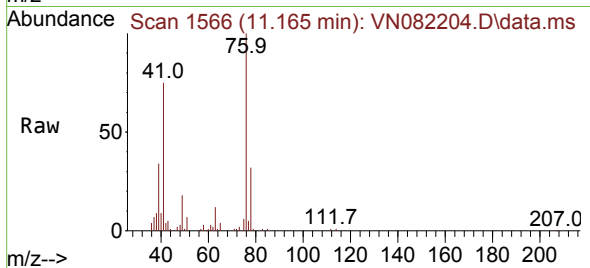
Tgt Ion:	69	Resp:	72114
Ion	Ratio	Lower	Upper
69	100		
41	81.6	46.6	70.0#
39	46.5	26.5	39.7#



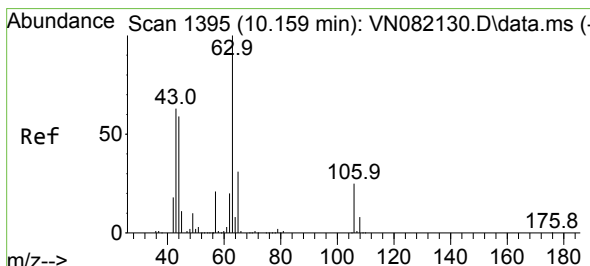
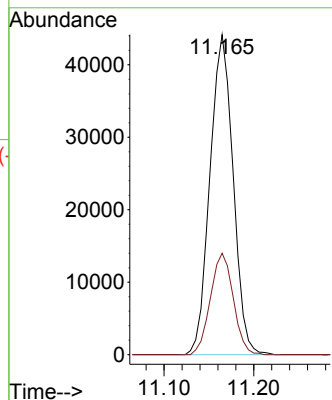
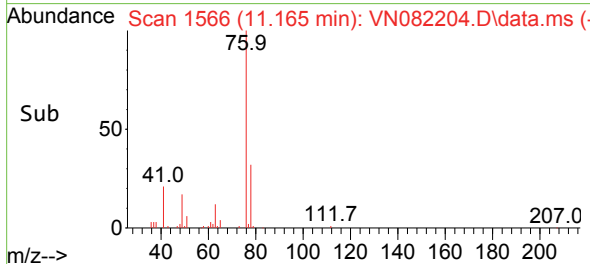


#57
1,3-Dichloropropane
Concen: 20.571 ug/l
RT: 11.165 min Scan# 1116
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01

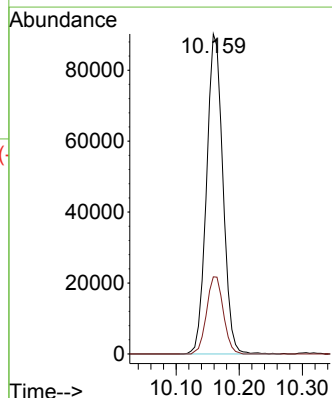
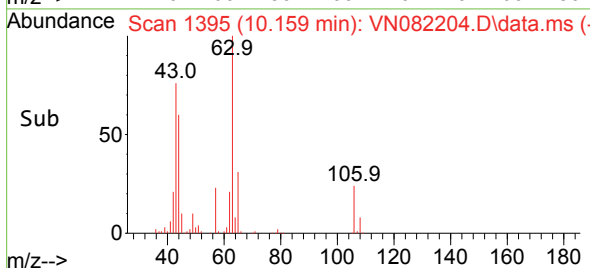
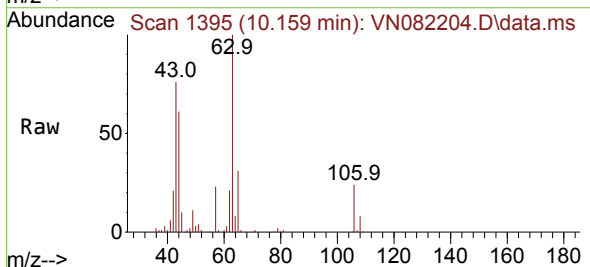


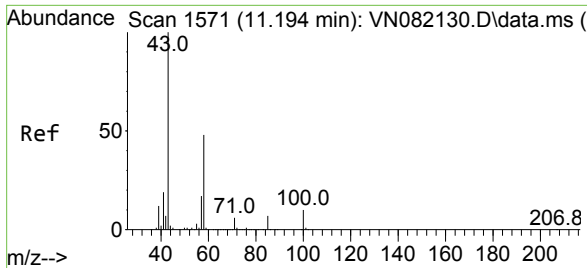
Tgt Ion: 76 Resp: 79081
Ion Ratio Lower Upper
76 100
78 31.3 25.8 38.6



#58
2-Chloroethyl Vinyl ether
Concen: 89.744 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

Tgt Ion: 63 Resp: 161588
Ion Ratio Lower Upper
63 100
106 24.7 24.6 36.8

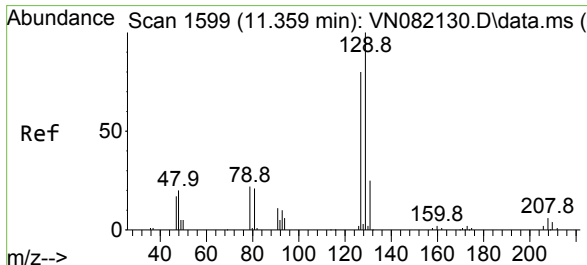
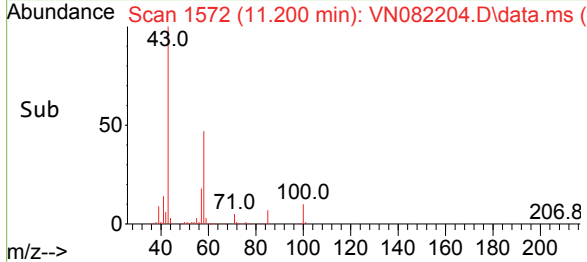
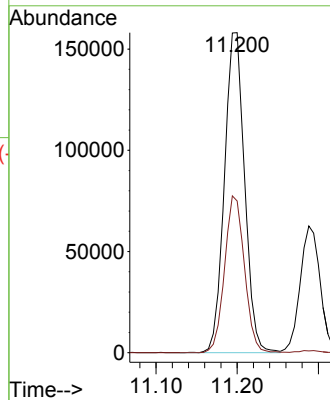
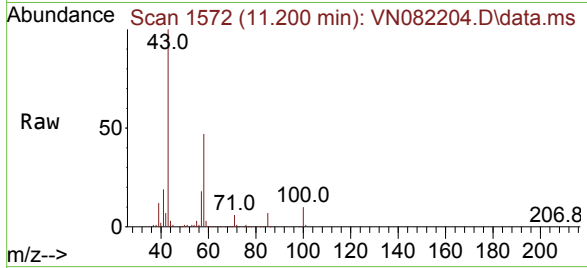




#59
2-Hexanone
Concen: 104.828 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

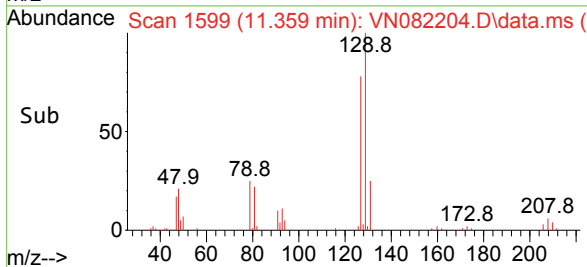
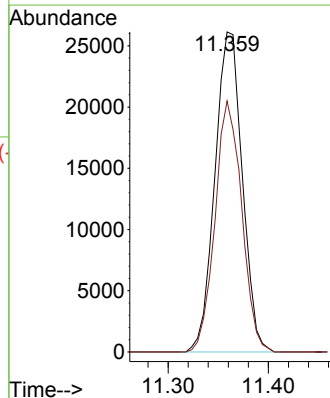
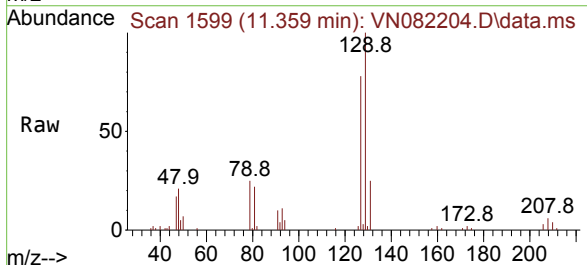
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01

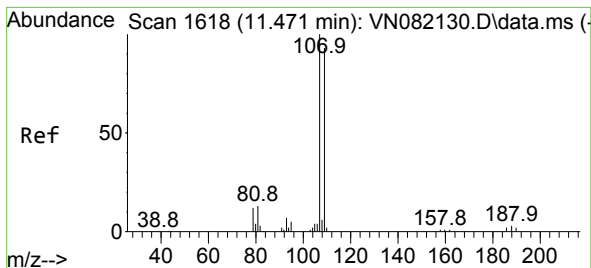
Tgt Ion: 43 Resp: 273414
Ion Ratio Lower Upper
43 100
58 48.2 28.3 84.9



#60
Dibromochloromethane
Concen: 21.883 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

Tgt Ion: 129 Resp: 49653
Ion Ratio Lower Upper
129 100
127 76.5 38.3 114.8

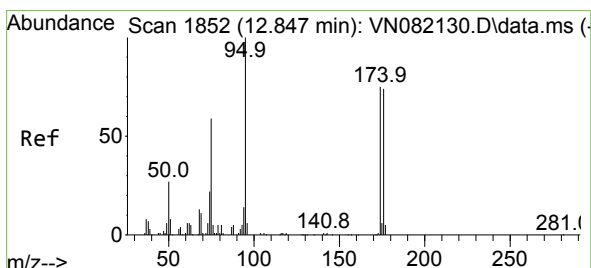
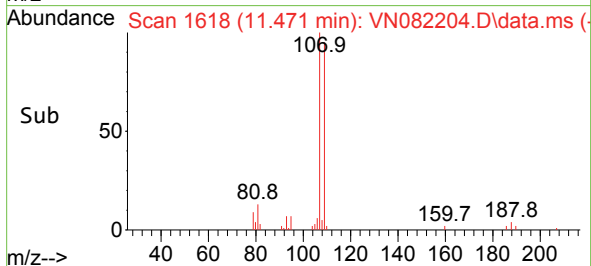
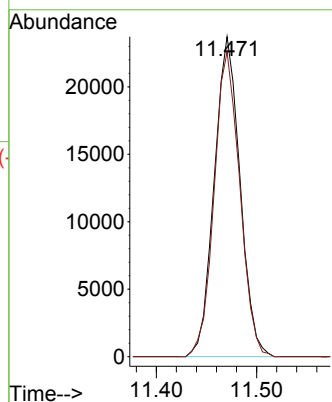
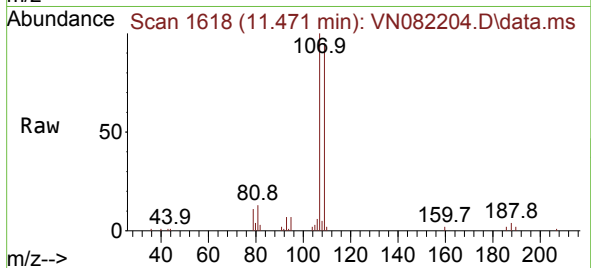




#61
1,2-Dibromoethane
Concen: 20.044 ug/l
RT: 11.471 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

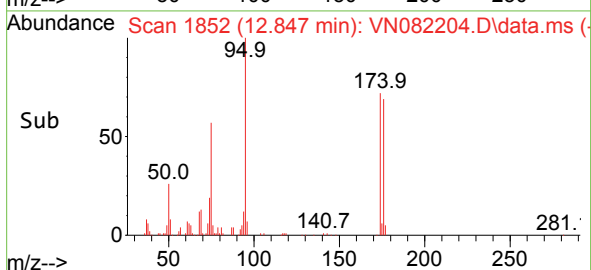
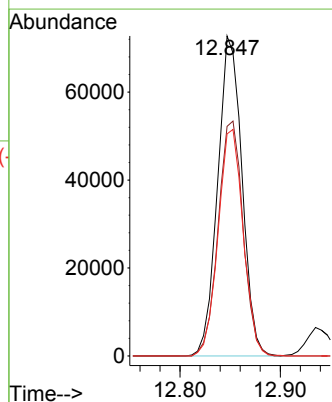
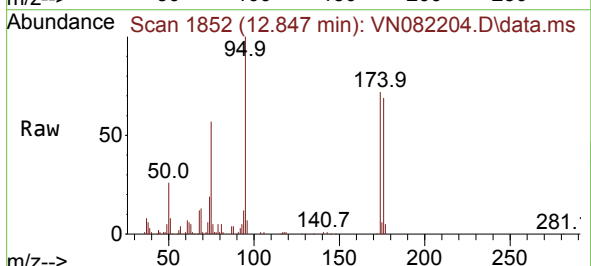
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01

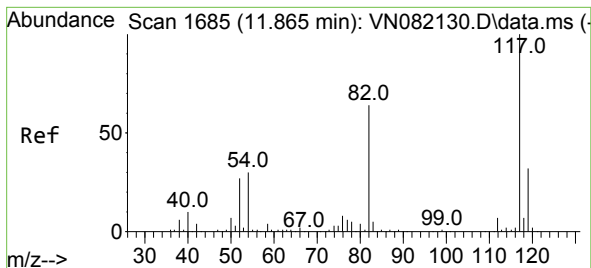
Tgt Ion:107 Resp: 42330
Ion Ratio Lower Upper
107 100
109 94.7 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 47.452 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

Tgt Ion: 95 Resp: 122406
Ion Ratio Lower Upper
95 100
174 75.3 0.0 160.6
176 72.8 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082204.D

Acq: 20 May 2024 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN0520WBSD01

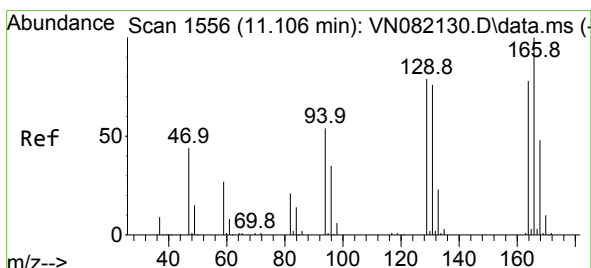
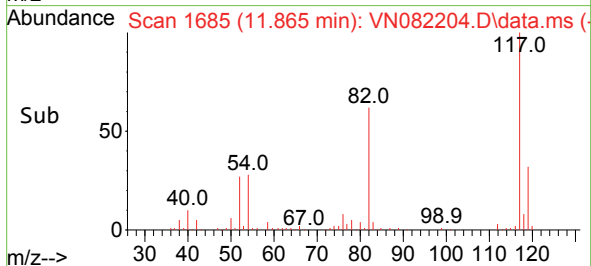
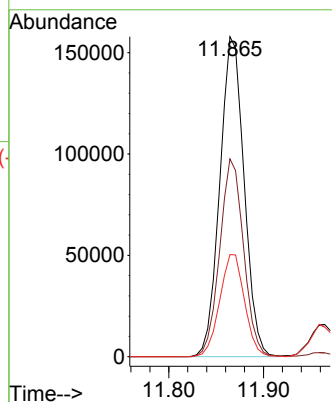
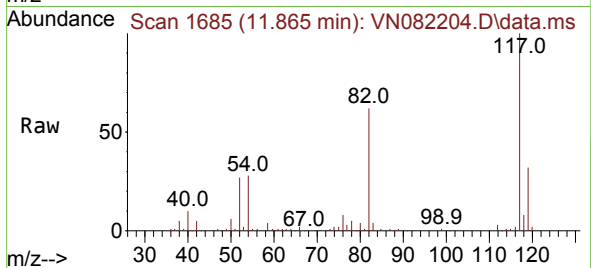
Tgt Ion:117 Resp: 281315

Ion Ratio Lower Upper

117 100

82 61.8 44.6 66.8

119 31.9 25.9 38.9



#64

Tetrachloroethene

Concen: 19.861 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN082204.D

Acq: 20 May 2024 12:58

Tgt Ion:164 Resp: 41412

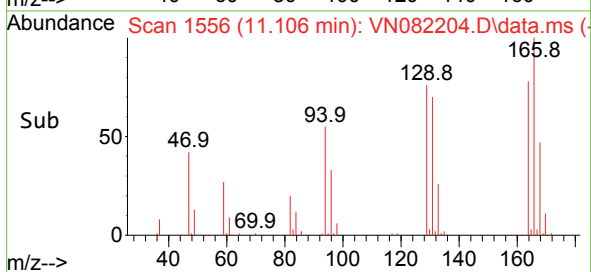
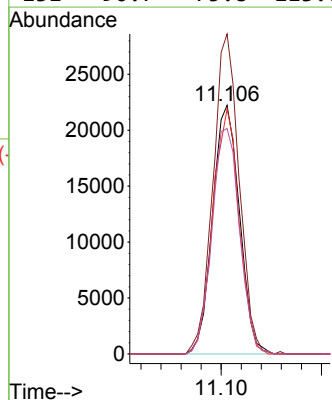
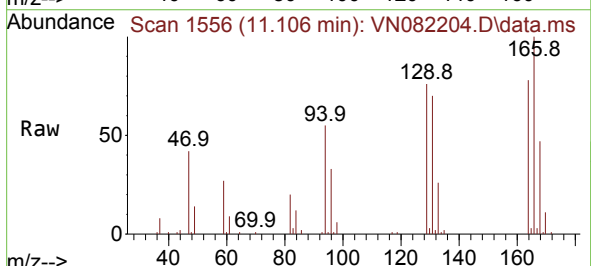
Ion Ratio Lower Upper

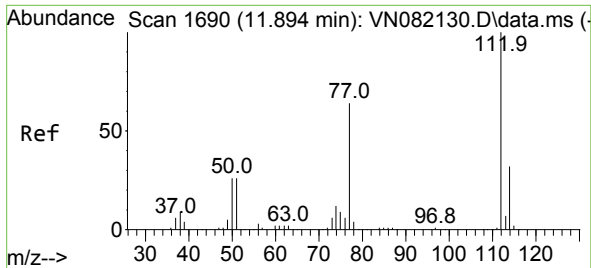
164 100

166 128.7 97.6 146.4

129 98.5 73.7 110.5

131 90.7 75.8 113.6

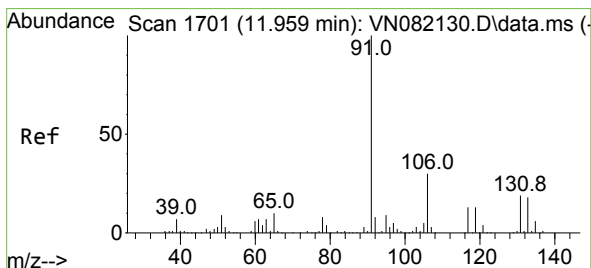
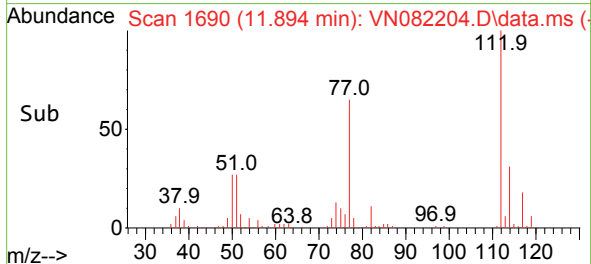
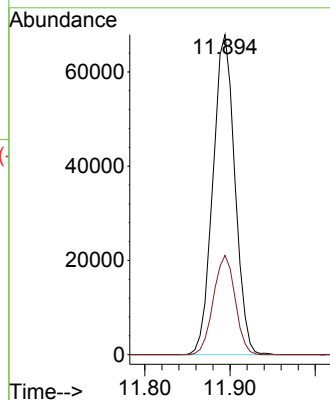
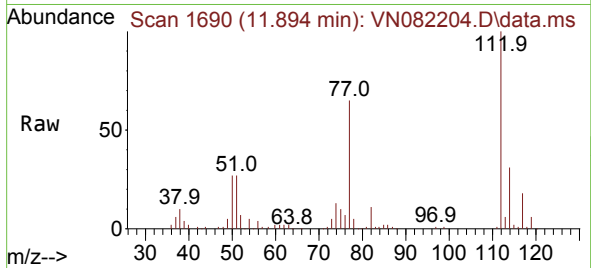




#65
Chlorobenzene
Concen: 19.557 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

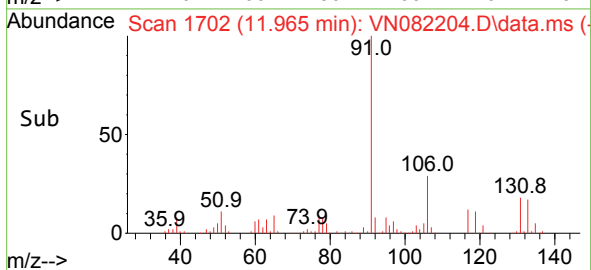
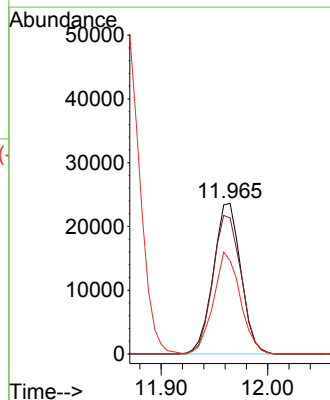
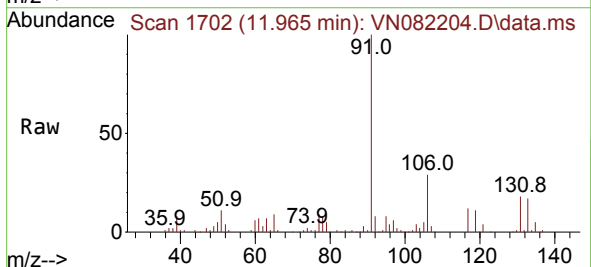
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01

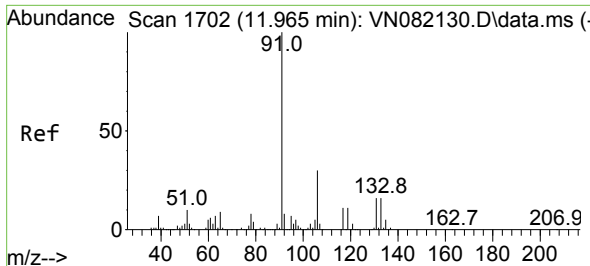
Tgt Ion:112 Resp: 121541
Ion Ratio Lower Upper
112 100
114 31.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.741 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

Tgt Ion:131 Resp: 42459
Ion Ratio Lower Upper
131 100
133 94.2 47.5 142.6
119 65.8 32.9 98.7





#67

Ethyl Benzene

Concen: 19.220 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN082204.D

Acq: 20 May 2024 12:58

Instrument :

MSVOA_N

ClientSampleId :

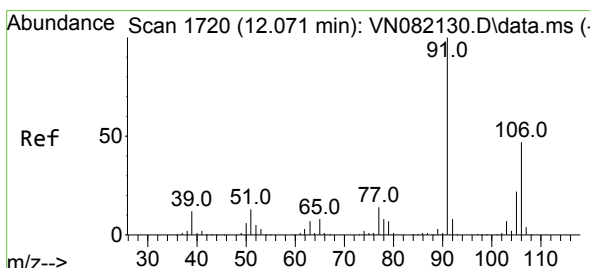
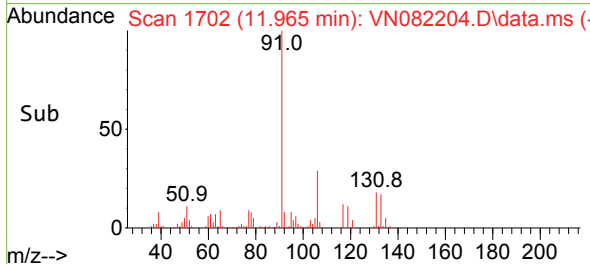
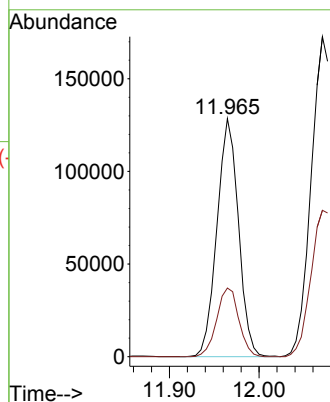
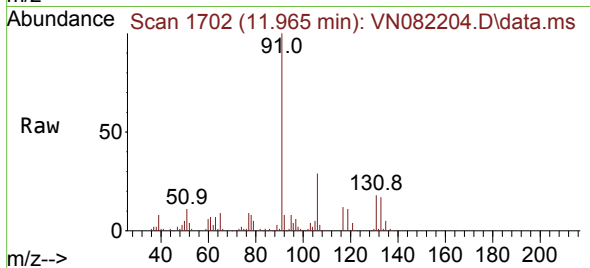
VN0520WBSD01

Tgt Ion: 91 Resp: 213675

Ion Ratio Lower Upper

91 100

106 28.8 25.3 37.9



#68

m/p-Xylenes

Concen: 38.477 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN082204.D

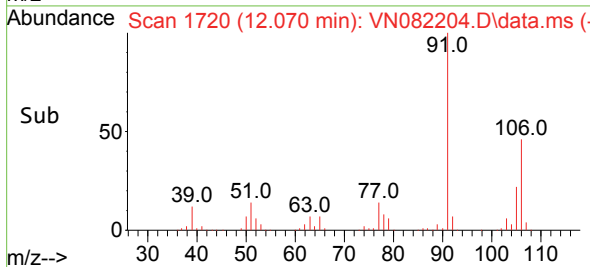
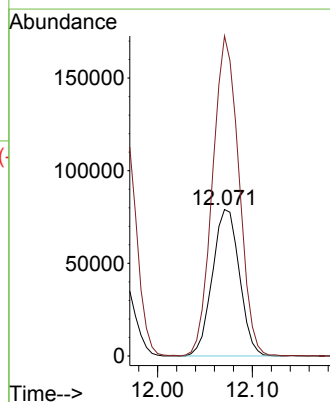
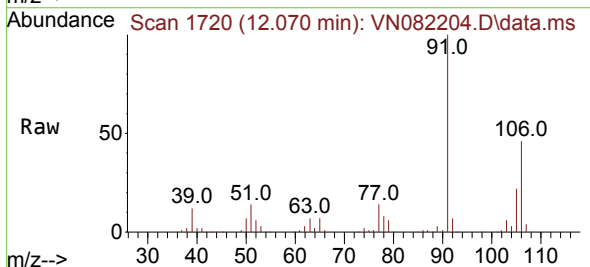
Acq: 20 May 2024 12:58

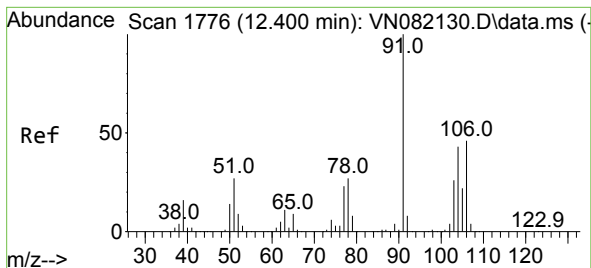
Tgt Ion: 106 Resp: 156775

Ion Ratio Lower Upper

106 100

91 212.9 159.4 239.0

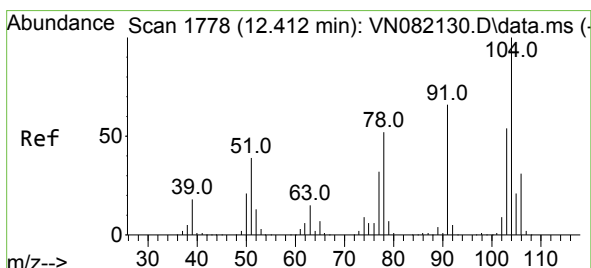
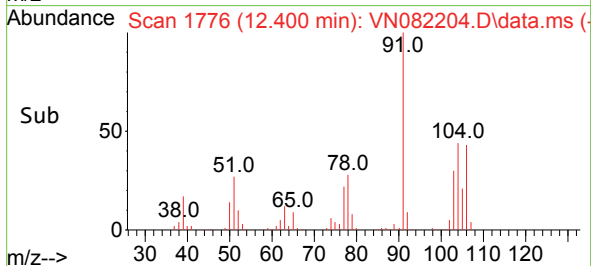
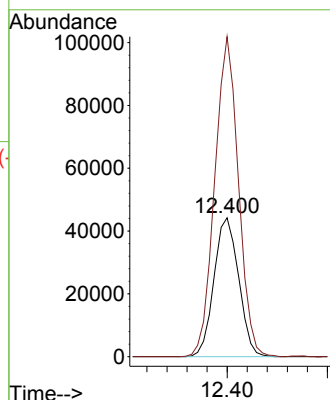
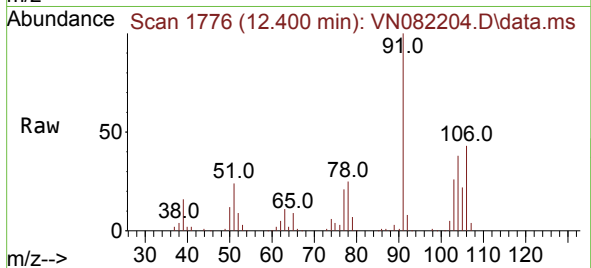




#69
o-Xylene
Concen: 19.097 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

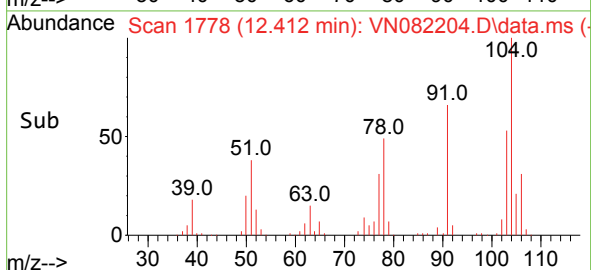
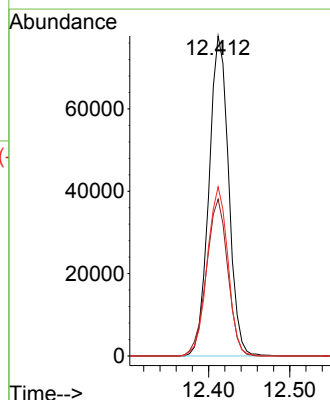
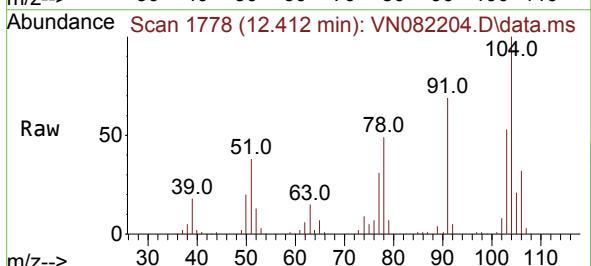
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01

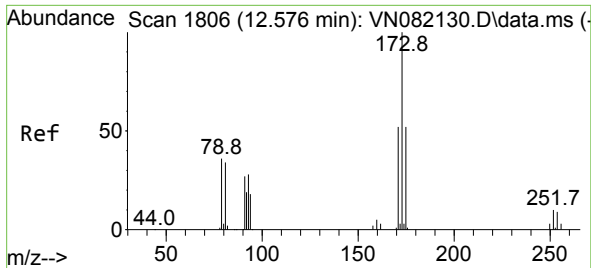
Tgt Ion:106 Resp: 75373
Ion Ratio Lower Upper
106 100
91 221.5 104.7 314.1



#70
Styrene
Concen: 19.945 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

Tgt Ion:104 Resp: 130756
Ion Ratio Lower Upper
104 100
78 53.2 38.6 58.0
103 55.6 43.8 65.6

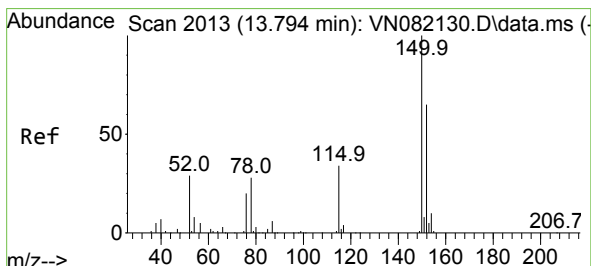
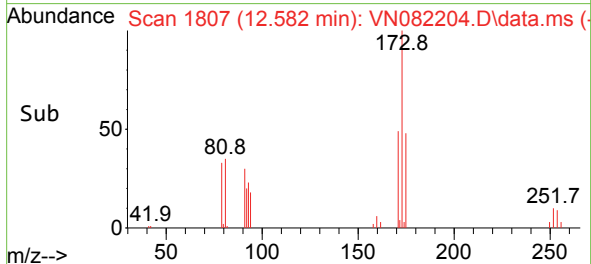
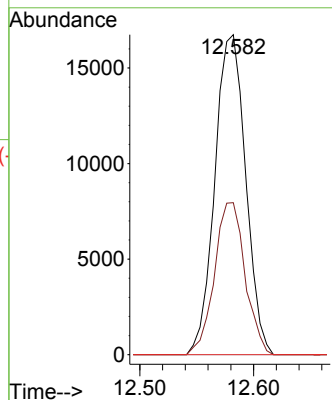
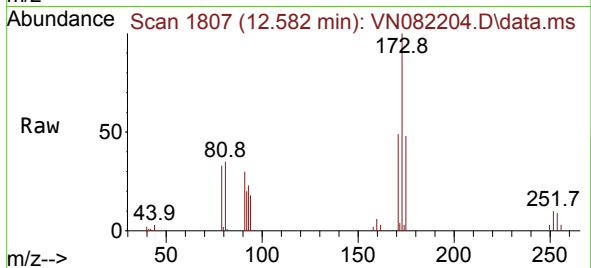




#71
Bromoform
Concen: 19.803 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

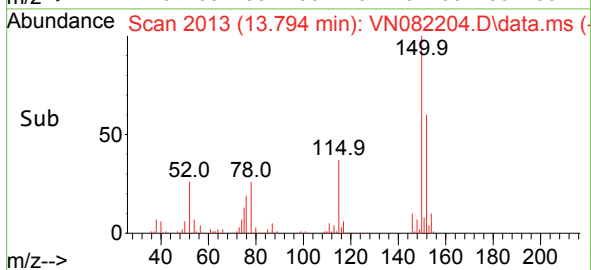
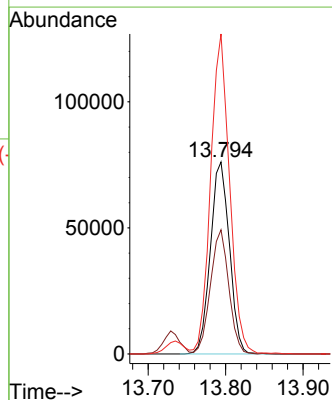
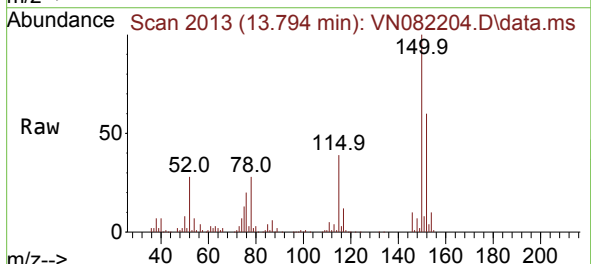
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01

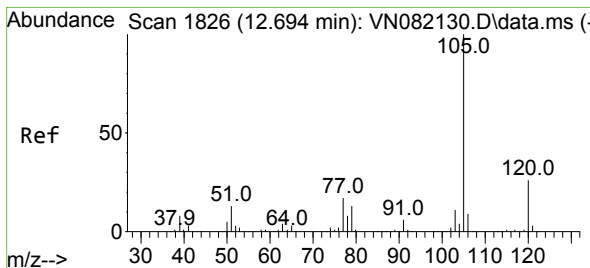
Tgt Ion:173 Resp: 31542
Ion Ratio Lower Upper
173 100
175 47.3 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

Tgt Ion:152 Resp: 129689
Ion Ratio Lower Upper
152 100
115 62.4 30.4 91.3
150 166.3 0.0 353.2





#73

Isopropylbenzene

Concen: 18.955 ug/l

RT: 12.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082204.D

Acq: 20 May 2024 12:58

Instrument :

MSVOA_N

ClientSampleId :

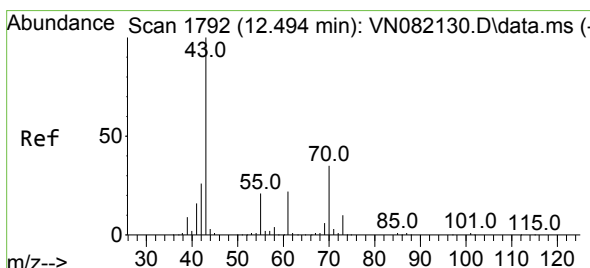
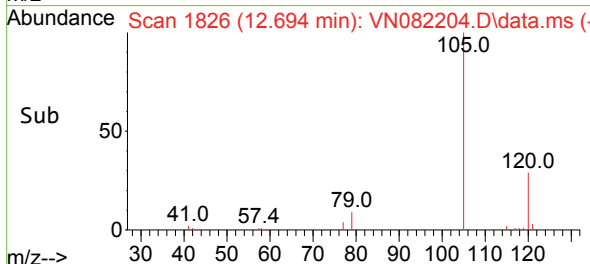
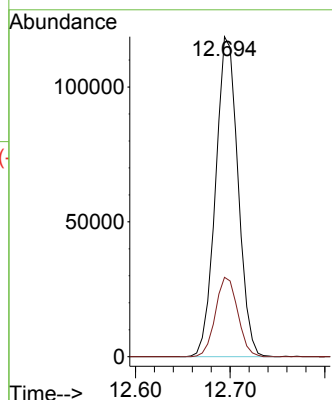
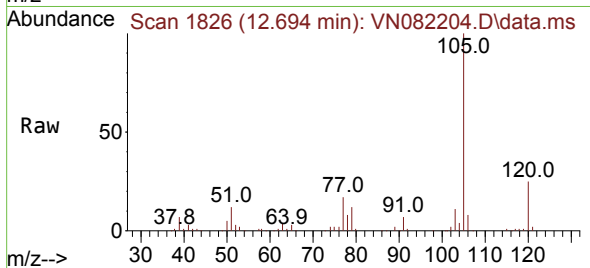
VN0520WBSD01

Tgt Ion:105 Resp: 195291

Ion Ratio Lower Upper

105 100

120 24.6 13.4 40.1



#74

N-ethyl acetate

Concen: 18.798 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN082204.D

Acq: 20 May 2024 12:58

Tgt Ion: 43 Resp: 106535

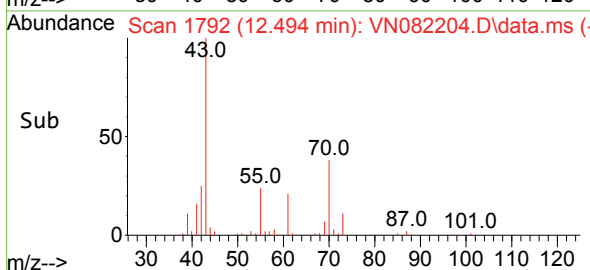
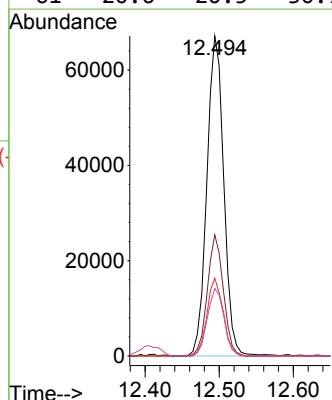
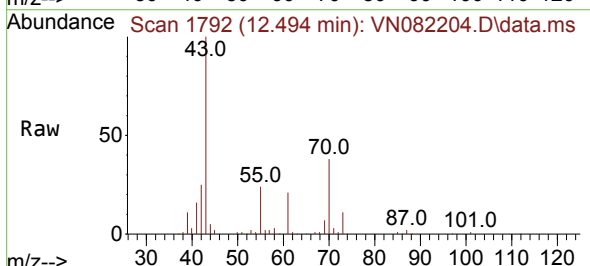
Ion Ratio Lower Upper

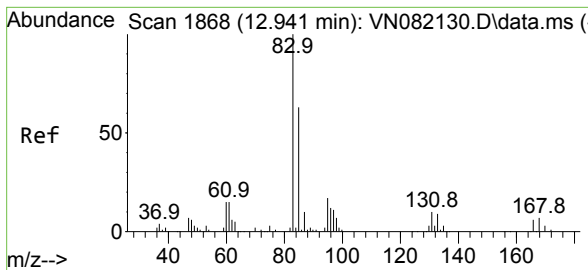
43 100

70 35.7 39.0 58.4#

55 23.4 21.3 31.9

61 20.6 20.5 30.7

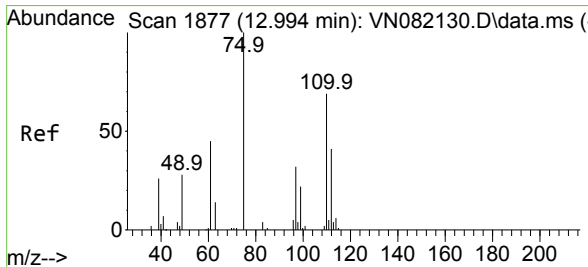
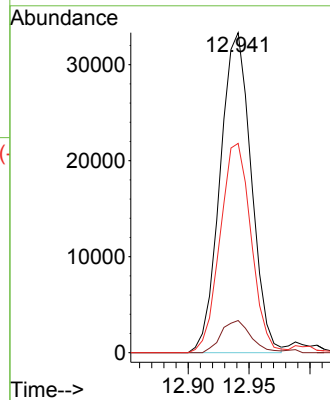
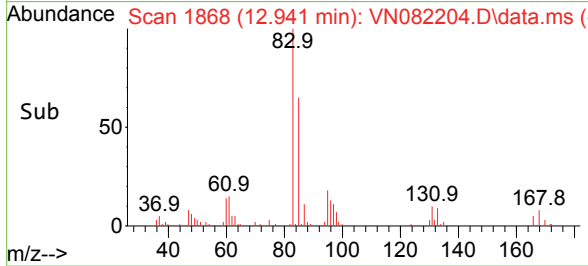
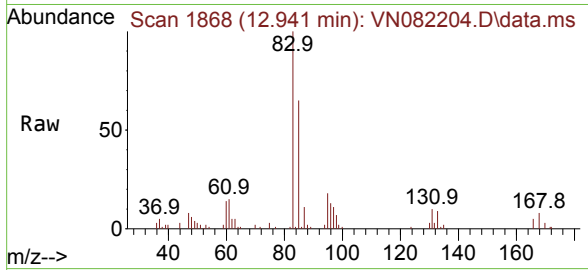




#75
1,1,2,2-Tetrachloroethane
Concen: 19.950 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

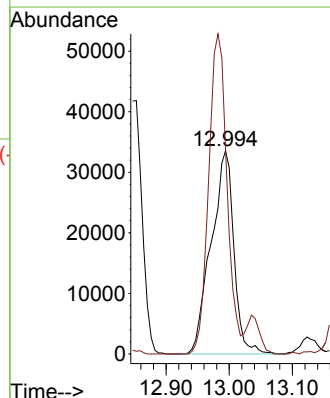
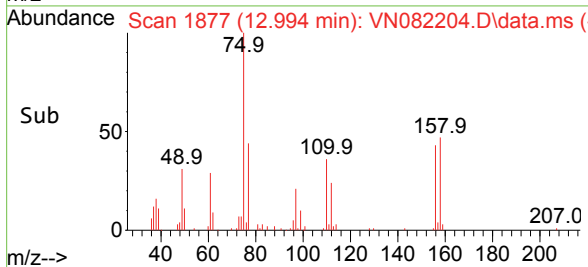
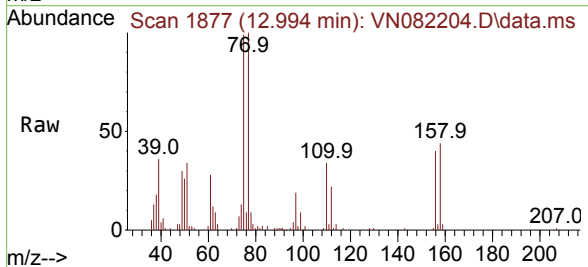
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01

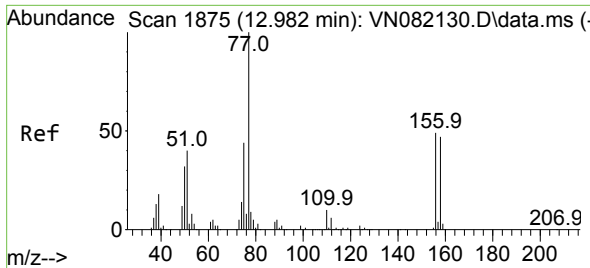
Tgt Ion: 83 Resp: 59252
Ion Ratio Lower Upper
83 100
131 9.6 5.5 16.4
85 65.5 32.9 98.6



#76
1,2,3-Trichloropropane
Concen: 30.683 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

Tgt Ion: 75 Resp: 83753
Ion Ratio Lower Upper
75 100
77 126.7 90.5 271.3

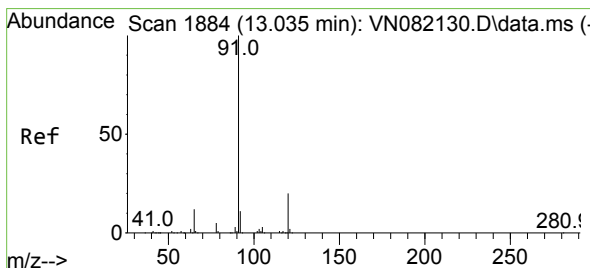
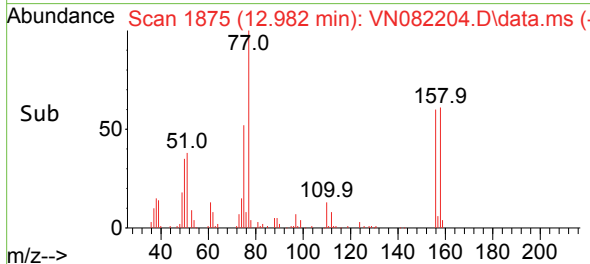
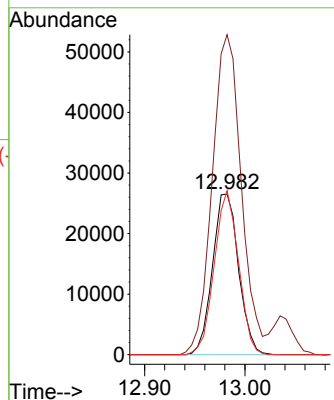
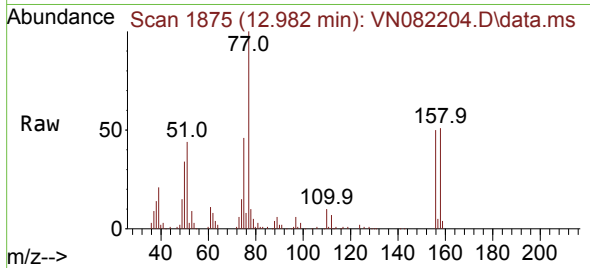




#77
Bromobenzene
Concen: 19.493 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

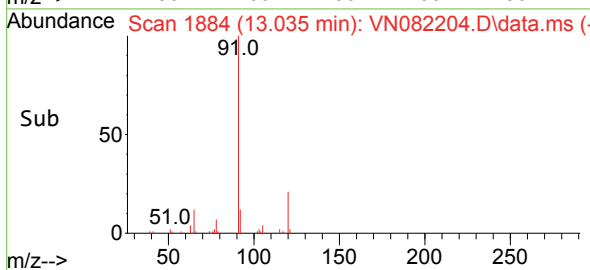
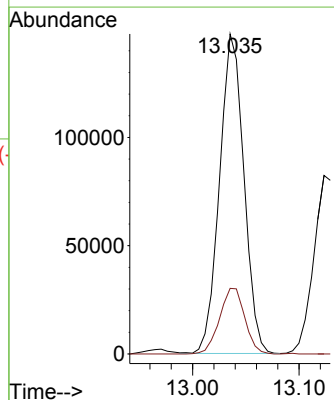
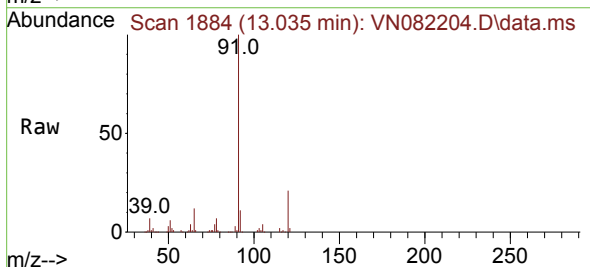
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01

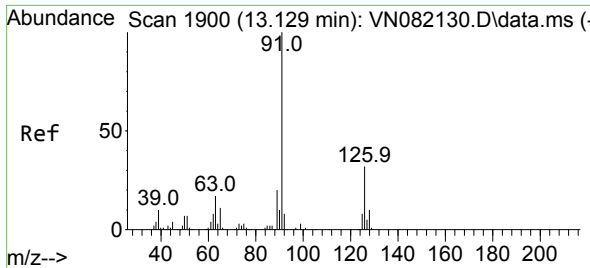
Tgt Ion:156 Resp: 47863
Ion Ratio Lower Upper
156 100
77 221.7 100.2 300.6
158 95.0 49.1 147.3



#78
n-propylbenzene
Concen: 19.205 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

Tgt Ion: 91 Resp: 234317
Ion Ratio Lower Upper
91 100
120 21.3 11.7 35.0

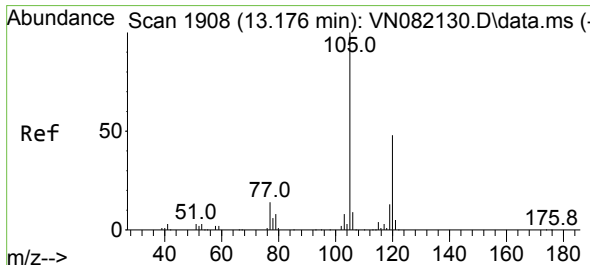
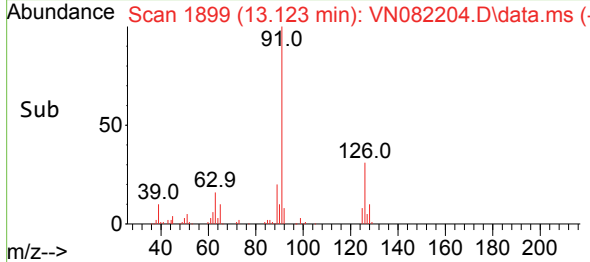
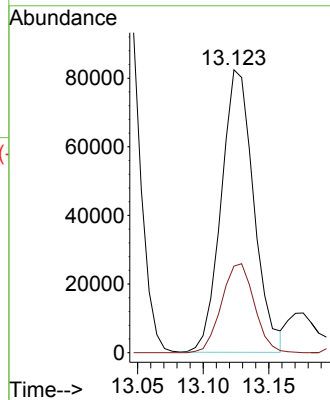
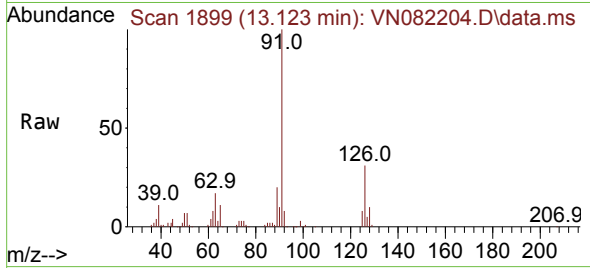




#79
2-Chlorotoluene
Concen: 18.616 ug/l
RT: 13.123 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

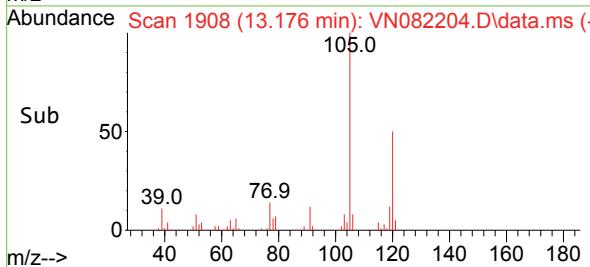
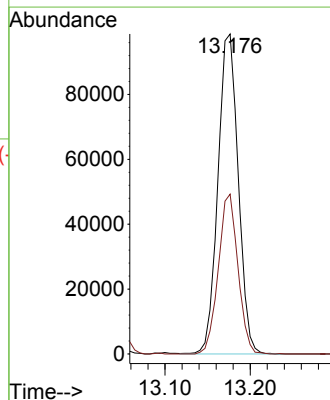
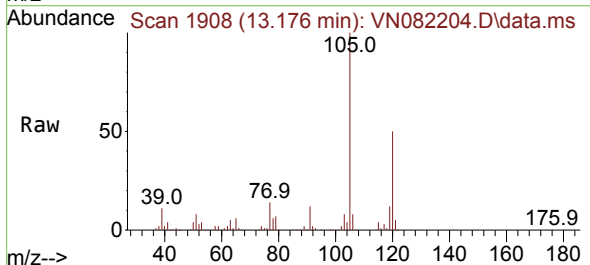
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01

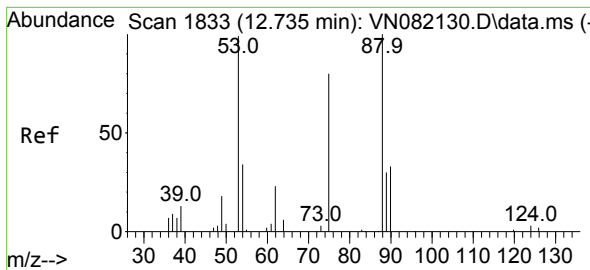
Tgt Ion: 91 Resp: 142618
Ion Ratio Lower Upper
91 100
126 31.6 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 19.591 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

Tgt Ion: 105 Resp: 163215
Ion Ratio Lower Upper
105 100
120 48.3 24.8 74.3

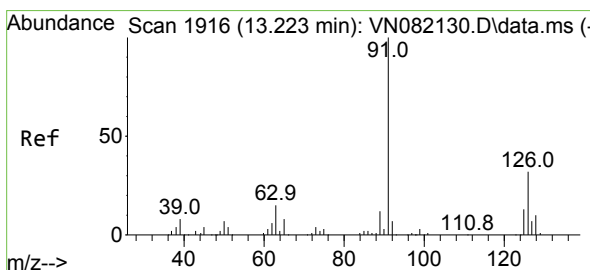
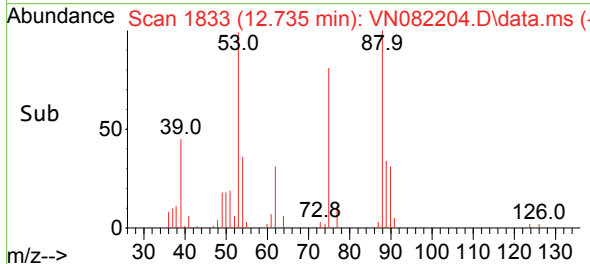
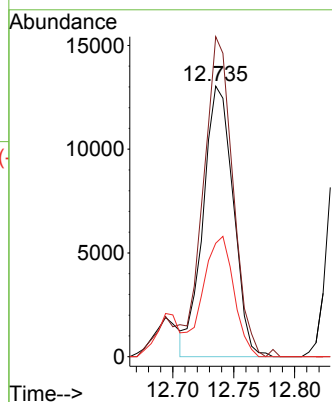
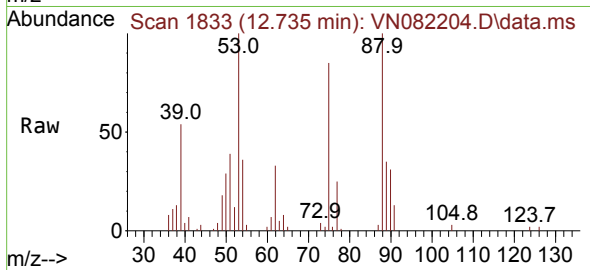




#81
trans-1,4-Dichloro-2-butene
Concen: 19.187 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

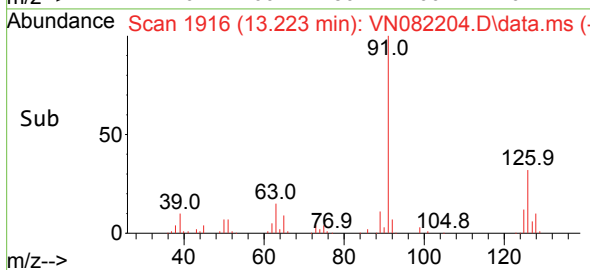
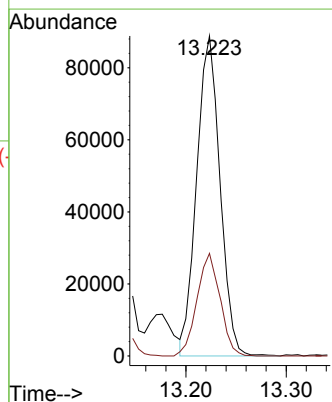
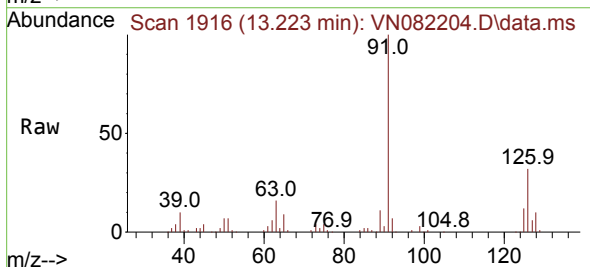
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01

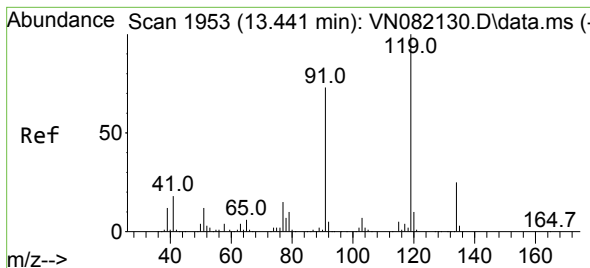
Tgt Ion: 75 Resp: 22392
Ion Ratio Lower Upper
75 100
53 117.5 72.9 109.3#
89 44.4 39.1 58.7



#82
4-Chlorotoluene
Concen: 19.198 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

Tgt Ion: 91 Resp: 143804
Ion Ratio Lower Upper
91 100
126 31.7 17.4 52.3





#83

tert-Butylbenzene

Concen: 18.609 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN082204.D

Acq: 20 May 2024 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN0520WBSD01

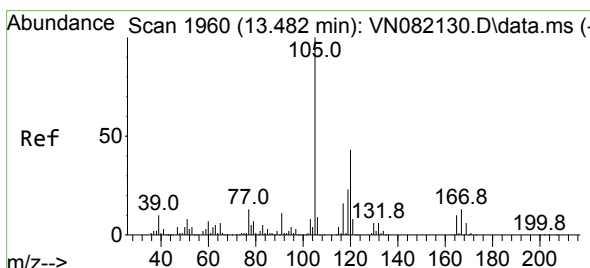
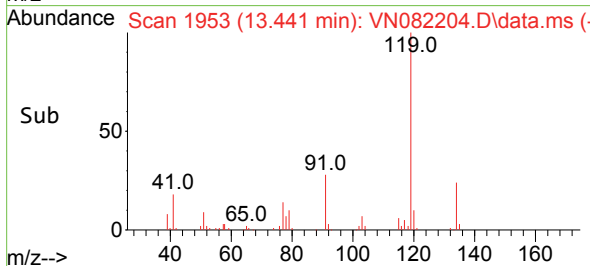
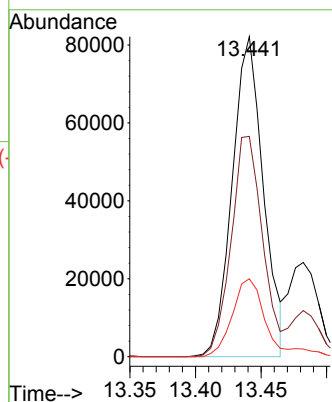
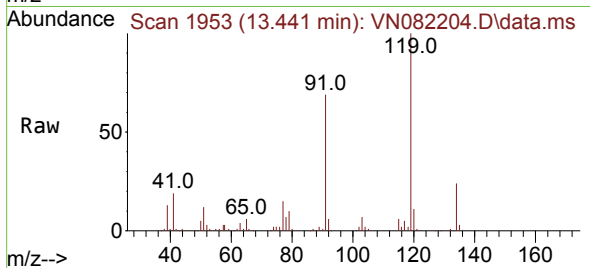
Tgt Ion:119 Resp: 135629

Ion Ratio Lower Upper

119 100

91 69.5 32.6 97.8

134 26.7 12.4 37.0



#84

1,2,4-Trimethylbenzene

Concen: 19.323 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN082204.D

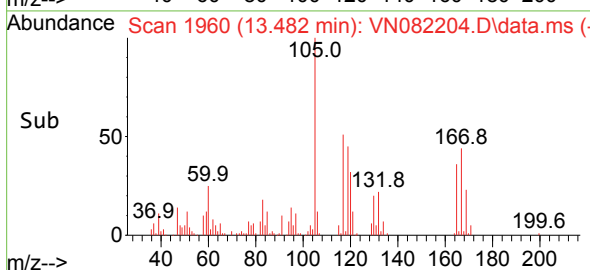
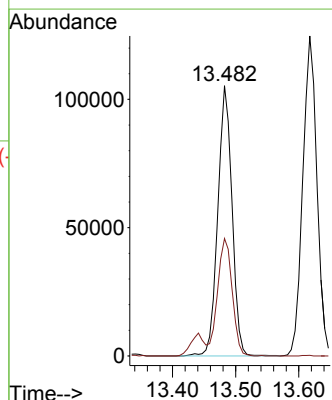
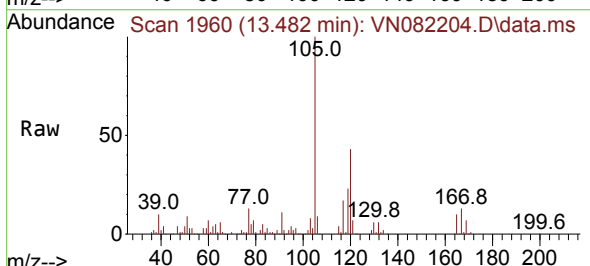
Acq: 20 May 2024 12:58

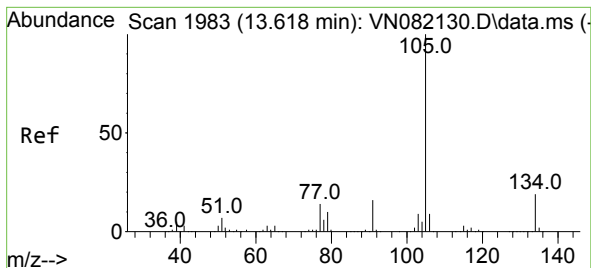
Tgt Ion:105 Resp: 164700

Ion Ratio Lower Upper

105 100

120 44.9 22.9 68.7





#85

sec-Butylbenzene

Concen: 19.209 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN082204.D

Acq: 20 May 2024 12:58

Instrument :

MSVOA_N

ClientSampleId :

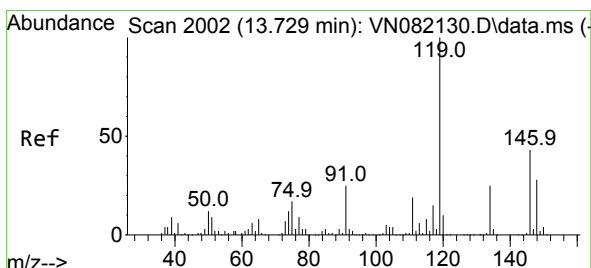
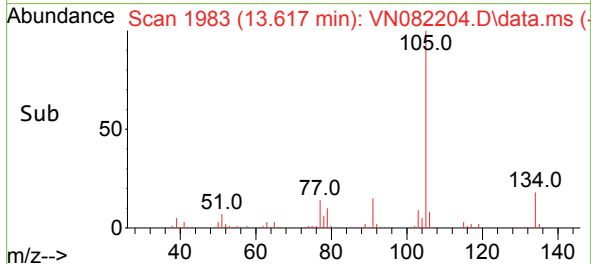
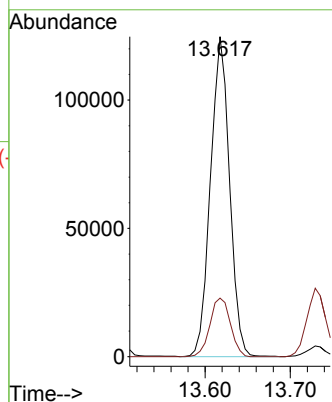
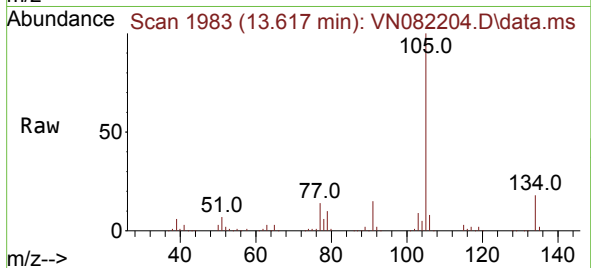
VN0520WBSD01

Tgt Ion:105 Resp: 194057

Ion Ratio Lower Upper

105 100

134 19.6 10.2 30.4



#86

p-Isopropyltoluene

Concen: 19.640 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN082204.D

Acq: 20 May 2024 12:58

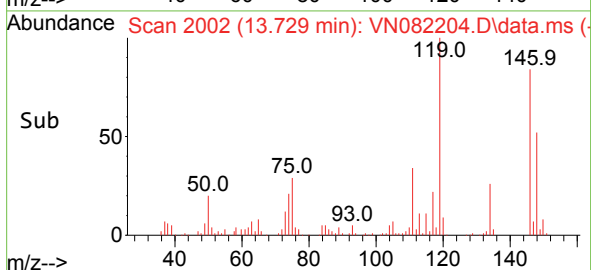
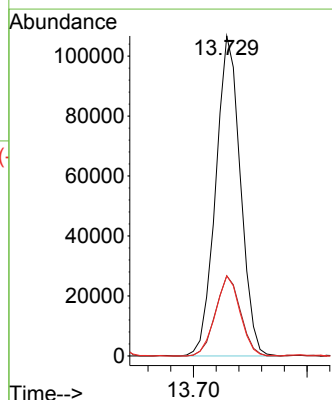
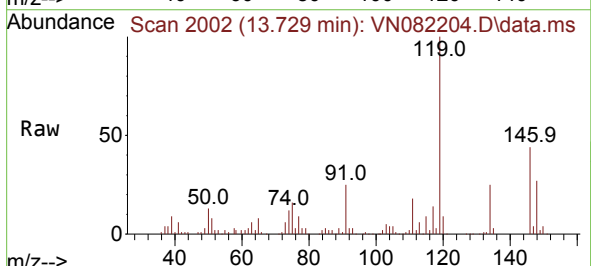
Tgt Ion:119 Resp: 161245

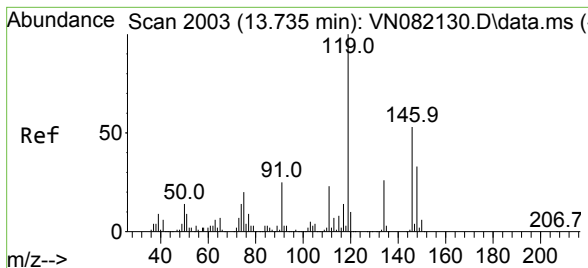
Ion Ratio Lower Upper

119 100

134 25.3 13.2 39.5

91 24.9 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 19.386 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN082204.D

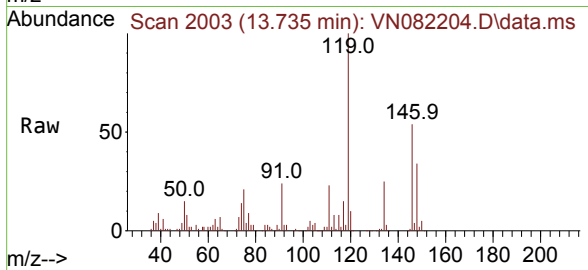
Acq: 20 May 2024 12:58

Instrument :

MSVOA_N

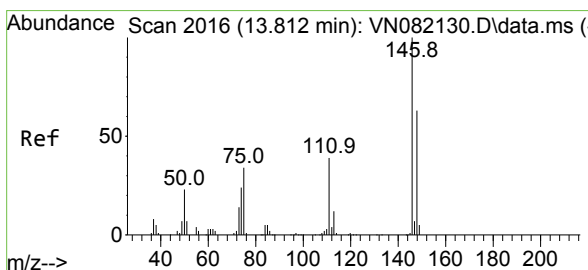
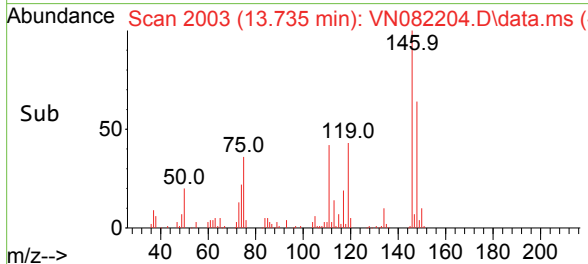
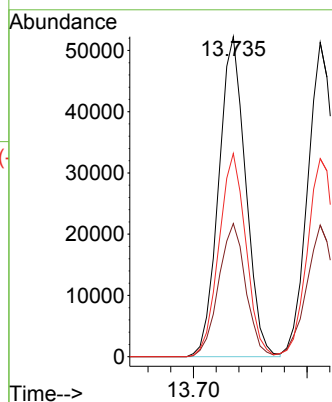
ClientSampleId :

VN0520WBSD01



Tgt Ion:146 Resp: 86236

Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.8	62.5
148	63.4	32.1	96.3



#88

1,4-Dichlorobenzene

Concen: 18.995 ug/l

RT: 13.812 min Scan# 2016

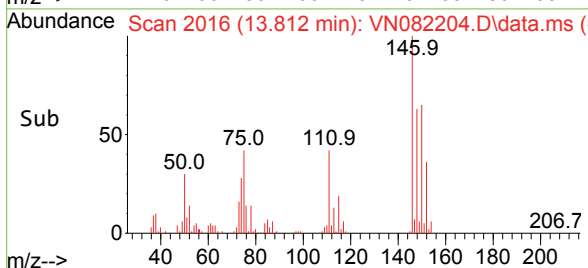
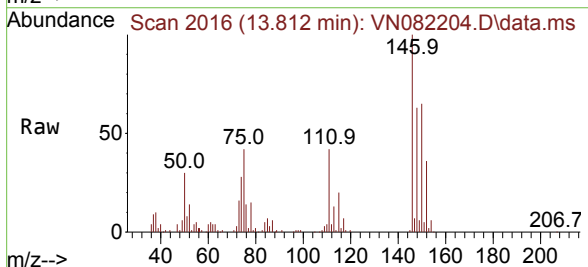
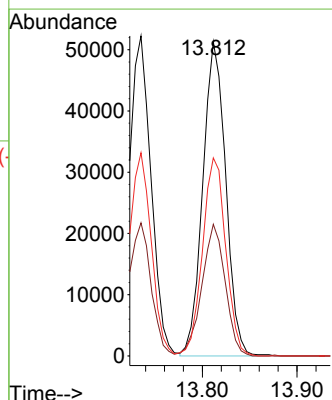
Delta R.T. -0.000 min

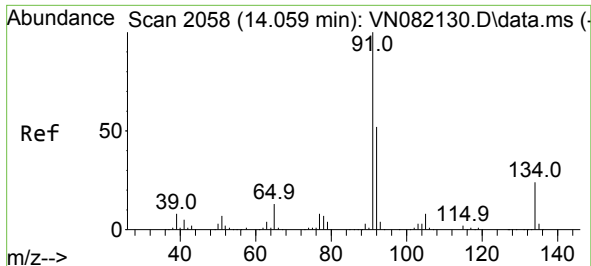
Lab File: VN082204.D

Acq: 20 May 2024 12:58

Tgt Ion:146 Resp: 86241

Ion	Ratio	Lower	Upper
146	100		
111	42.6	19.3	57.9
148	64.0	31.3	93.9

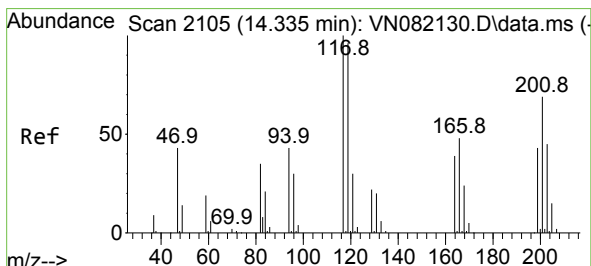
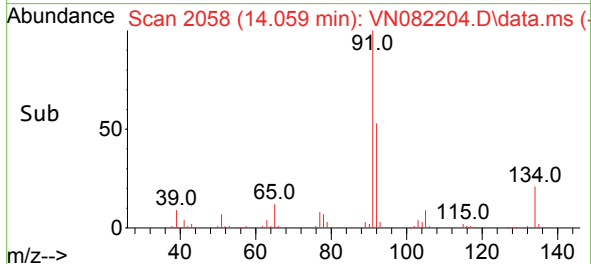
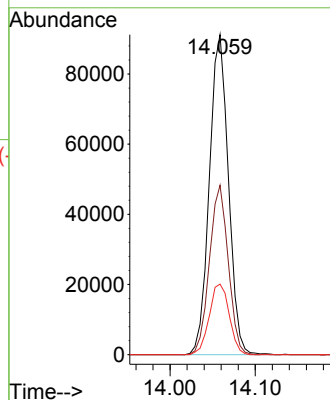
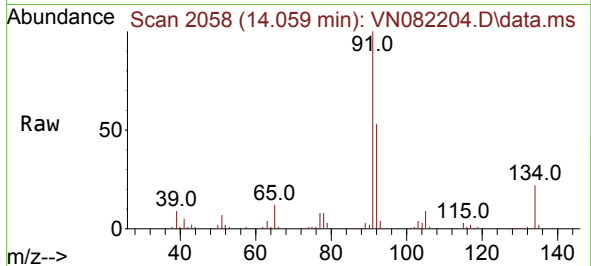




#89
n-Butylbenzene
Concen: 19.173 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

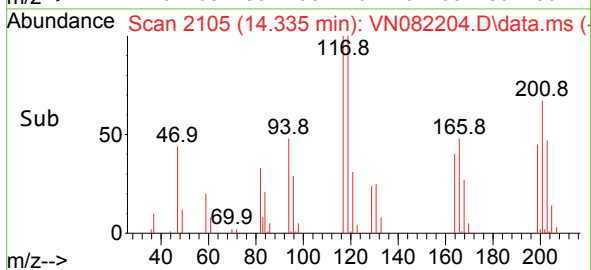
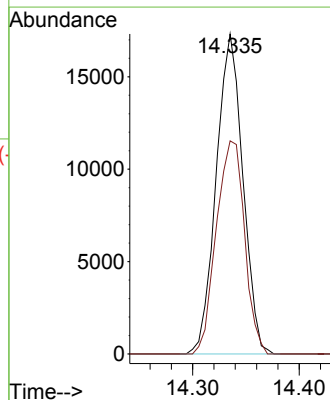
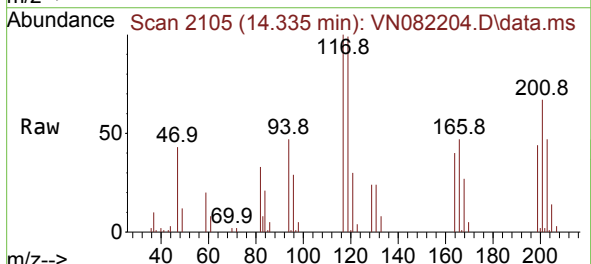
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01

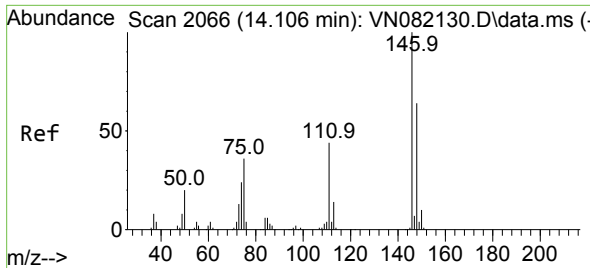
Tgt Ion: 91 Resp: 141483
Ion Ratio Lower Upper
91 100
92 52.3 26.2 78.5
134 23.2 13.2 39.5



#90
Hexachloroethane
Concen: 19.763 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

Tgt Ion: 117 Resp: 30062
Ion Ratio Lower Upper
117 100
201 70.5 33.3 99.8

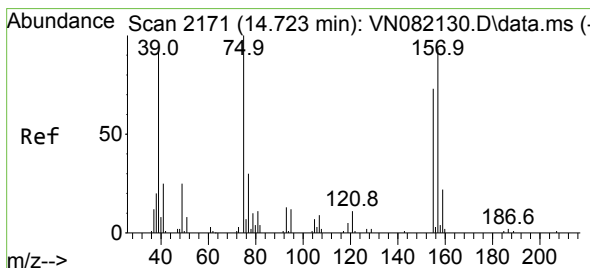
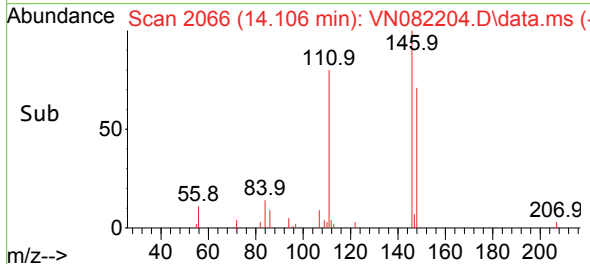
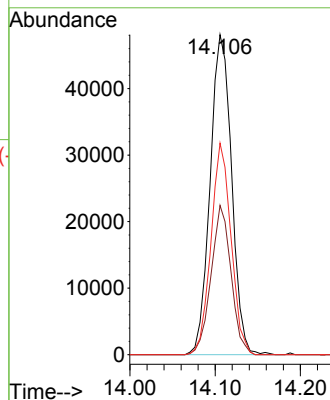
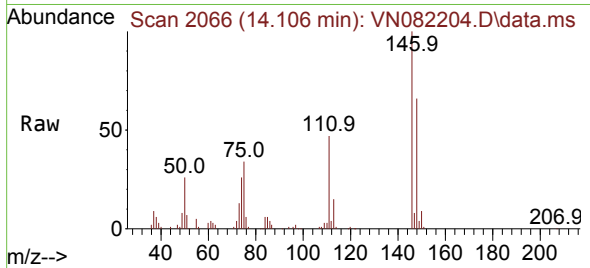




#91
 1,2-Dichlorobenzene
 Concen: 19.965 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. -0.000 min
 Lab File: VN082204.D
 Acq: 20 May 2024 12:58

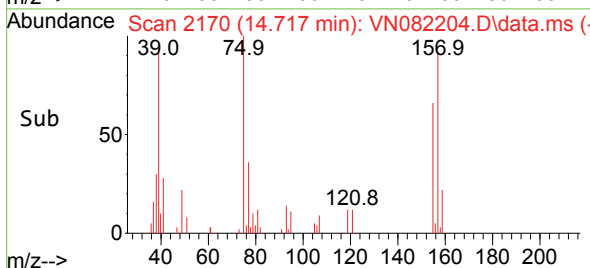
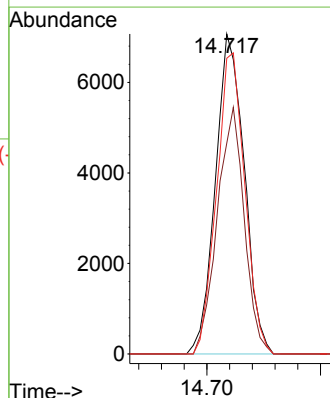
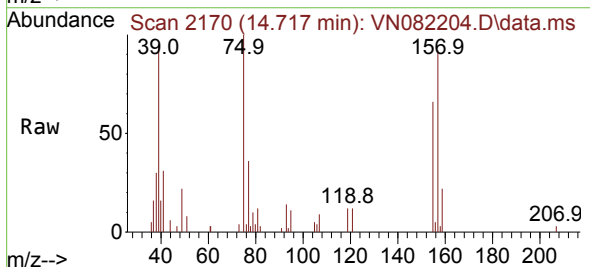
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0520WBSD01

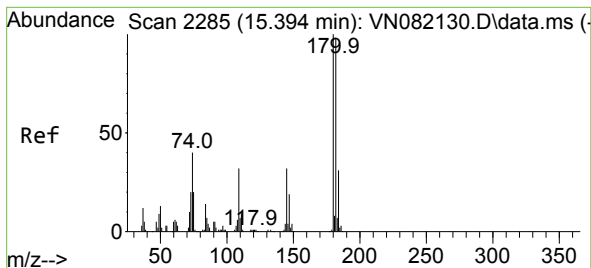
Tgt Ion:	146	Resp:	84066
Ion Ratio	Lower	Upper	
146	100		
111	43.5	21.3	64.0
148	61.9	31.8	95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.396 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. -0.006 min
 Lab File: VN082204.D
 Acq: 20 May 2024 12:58

Tgt Ion:	75	Resp:	12446
Ion Ratio	Lower	Upper	
75	100		
155	72.3	42.6	128.0
157	92.4	53.0	159.0





#93

1,2,4-Trichlorobenzene

Concen: 18.969 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN082204.D

Acq: 20 May 2024 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN0520WBSD01

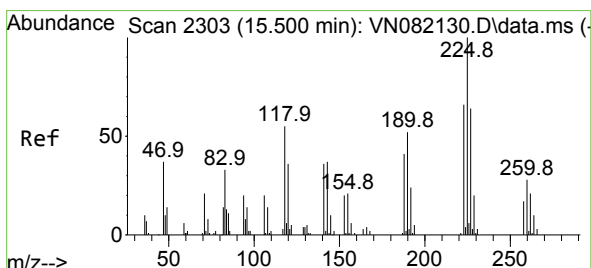
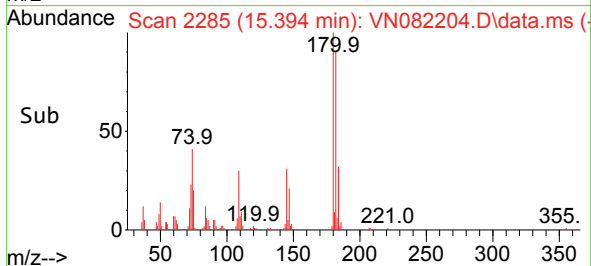
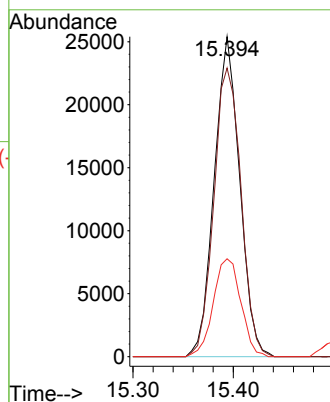
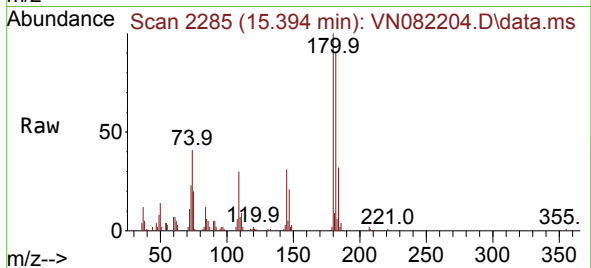
Tgt Ion:180 Resp: 44771

Ion Ratio Lower Upper

180 100

182 96.0 46.7 140.0

145 33.1 16.2 48.6



#94

Hexachlorobutadiene

Concen: 18.709 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN082204.D

Acq: 20 May 2024 12:58

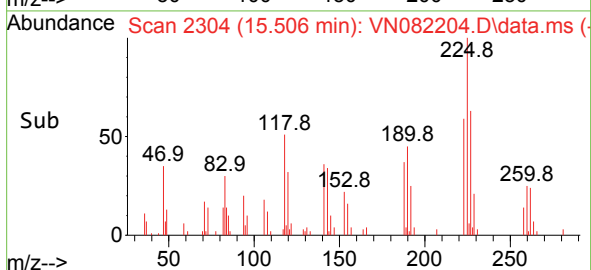
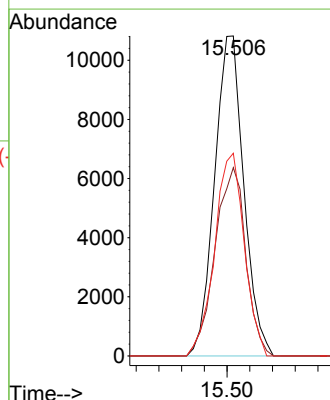
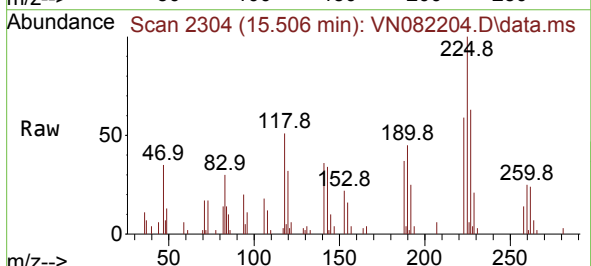
Tgt Ion:225 Resp: 19376

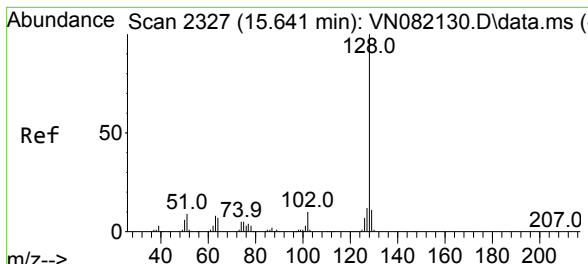
Ion Ratio Lower Upper

225 100

223 61.6 31.1 93.2

227 64.1 30.6 91.6

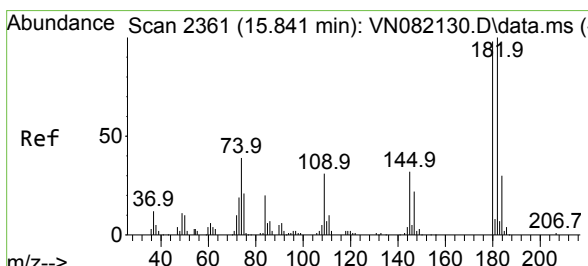
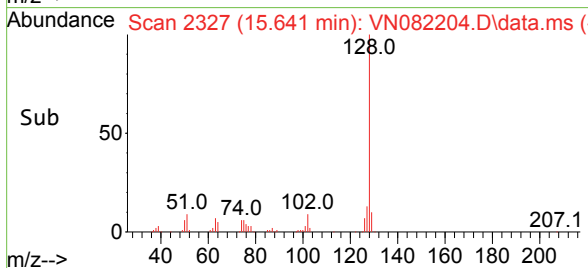
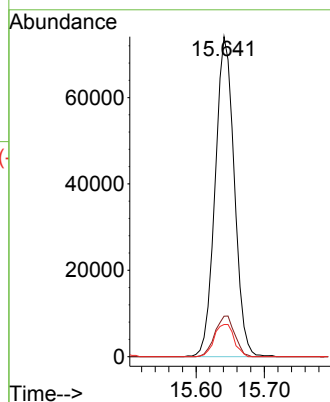
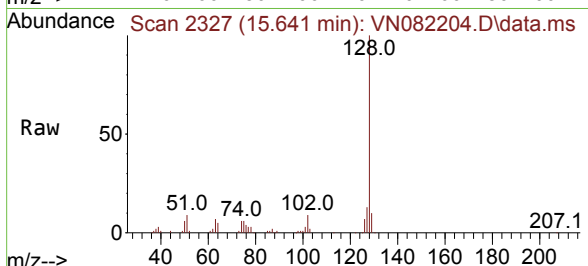




#95
Naphthalene
Concen: 19.562 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01

Tgt Ion:	128	Resp:	144690
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.1	15.1
129	10.5	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 18.898 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

Tgt Ion:	180	Resp:	44652
Ion Ratio	Lower	Upper	
180	100		
182	95.3	46.0	137.8
145	33.2	17.1	51.3

