

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052824\
 Data File : VN082360.D
 Acq On : 28 May 2024 20:33
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 29 07:00:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	213131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	358140	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	325710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	155223	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	155327	46.154	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.300%
35) Dibromofluoromethane	8.165	113	110329	50.079	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.160%
50) Toluene-d8	10.571	98	405455	48.002	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.000%
62) 4-Bromofluorobenzene	12.847	95	152354	50.536	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	101.080%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	129543	42.158	ug/l	100
3) Chloromethane	2.359	50	127975	36.749	ug/l	99
4) Vinyl Chloride	2.512	62	134461	41.071	ug/l	99
5) Bromomethane	2.936	94	71571	38.034	ug/l	92
6) Chloroethane	3.112	64	90766	42.460	ug/l	94
7) Trichlorofluoromethane	3.489	101	208760	48.696	ug/l	99
8) Diethyl Ether	3.959	74	80591	52.770	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.371	101	116654	46.582	ug/l	98
10) Methyl Iodide	4.583	142	121116	48.109	ug/l	95
11) Tert butyl alcohol	5.524	59	141904	262.678	ug/l	99
12) 1,1-Dichloroethene	4.342	96	109345	46.977	ug/l #	82
13) Acrolein	4.177	56	88604	221.331	ug/l	98
14) Allyl chloride	5.024	41	230722	46.297	ug/l #	87
15) Acrylonitrile	5.718	53	345612	247.024	ug/l	100
16) Acetone	4.430	43	310147	224.656	ug/l	94
17) Carbon Disulfide	4.712	76	282365	37.559	ug/l	98
18) Methyl Acetate	5.024	43	173813	50.555	ug/l #	87
19) Methyl tert-butyl Ether	5.800	73	438752	51.569	ug/l	98
20) Methylene Chloride	5.277	84	129047	46.330	ug/l #	80
21) trans-1,2-Dichloroethene	5.783	96	117082	46.158	ug/l #	81
22) Diisopropyl ether	6.671	45	483454	46.458	ug/l #	91
23) Vinyl Acetate	6.606	43	1949775	237.647	ug/l #	91
24) 1,1-Dichloroethane	6.565	63	247511	46.146	ug/l	96
25) 2-Butanone	7.483	43	502871	240.249	ug/l #	86
26) 2,2-Dichloropropane	7.494	77	189136	42.100	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	145644	48.653	ug/l	85
28) Bromochloromethane	7.812	49	105395	45.003	ug/l #	81
29) Tetrahydrofuran	7.841	42	331699	246.818	ug/l #	86
30) Chloroform	7.965	83	254752	49.737	ug/l	98
31) Cyclohexane	8.259	56	206399	38.399	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	231590	50.965	ug/l	94
36) 1,1-Dichloropropene	8.371	75	172837	46.776	ug/l	96
37) Ethyl Acetate	7.565	43	203678	49.256	ug/l	96
38) Carbon Tetrachloride	8.365	117	195196	52.113	ug/l	94
39) Methylcyclohexane	9.600	83	181305	44.765	ug/l #	87
40) Benzene	8.606	78	534492	48.509	ug/l	95

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 Sample : VSTDC0050
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 ClientSampleId :
 VSTDC0050EC

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	117287	48.228	ug/l #	88
42) 1,2-Dichloroethane	8.671	62	209884	49.528	ug/l	95
43) Isopropyl Acetate	8.688	43	379212	51.754	ug/l #	89
44) Trichloroethene	9.353	130	122825	49.073	ug/l	95
45) 1,2-Dichloropropane	9.624	63	136662	48.071	ug/l	99
46) Dibromomethane	9.712	93	95519	51.177	ug/l	98
47) Bromodichloromethane	9.888	83	204119	51.804	ug/l	98
48) Methyl methacrylate	9.682	41	177303	50.783	ug/l #	82
49) 1,4-Dioxane	9.694	88	55981	1144.245	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	1085774	260.812	ug/l	91
52) Toluene	10.629	92	336235	50.850	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	211517	51.905	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	218848	50.735	ug/l #	79
55) 1,1,2-Trichloroethane	11.018	97	126332	52.574	ug/l	98
56) Ethyl methacrylate	10.877	69	228236	55.945	ug/l #	75
57) 1,3-Dichloropropane	11.165	76	223727	49.797	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	538413	255.863	ug/l	93
59) 2-Hexanone	11.200	43	809340	265.513	ug/l	90
60) Dibromochloromethane	11.359	129	152816	57.628	ug/l	99
61) 1,2-Dibromoethane	11.471	107	130421	52.842	ug/l	97
64) Tetrachloroethene	11.106	164	118659	49.151	ug/l	98
65) Chlorobenzene	11.894	112	360407	50.089	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	128982	54.420	ug/l	99
67) Ethyl Benzene	11.965	91	651712	50.632	ug/l	98
68) m/p-Xylenes	12.071	106	486832	103.197	ug/l	94
69) o-Xylene	12.400	106	239474	52.405	ug/l	92
70) Styrene	12.412	104	406982	53.618	ug/l	96
71) Bromoform	12.582	173	105120	55.684	ug/l #	99
73) Isopropylbenzene	12.694	105	624503	50.642	ug/l	98
74) N-amyl acetate	12.494	43	334139	49.261	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	180123	50.671	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	255201	78.113	ug/l	63
77) Bromobenzene	12.982	156	148546	50.547	ug/l	90
78) n-propylbenzene	13.035	91	722873	49.503	ug/l	97
79) 2-Chlorotoluene	13.129	91	444667	48.494	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	505898	50.736	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	67367	48.229	ug/l #	71
82) 4-Chlorotoluene	13.223	91	439591	49.032	ug/l	96
83) tert-Butylbenzene	13.441	119	440744	50.525	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	519489	50.923	ug/l	96
85) sec-Butylbenzene	13.618	105	610751	50.512	ug/l	97
86) p-Isopropyltoluene	13.729	119	502605	51.147	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	268429	50.417	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	264782	48.727	ug/l	97
89) n-Butylbenzene	14.059	91	434060	49.145	ug/l	98
90) Hexachloroethane	14.335	117	94479	51.893	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	258104	51.214	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	40391	55.303	ug/l	87
93) 1,2,4-Trichlorobenzene	15.394	180	138296	48.955	ug/l	97
94) Hexachlorobutadiene	15.506	225	56676	45.722	ug/l	98
95) Naphthalene	15.641	128	493861	55.785	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	139319	49.264	ug/l	96

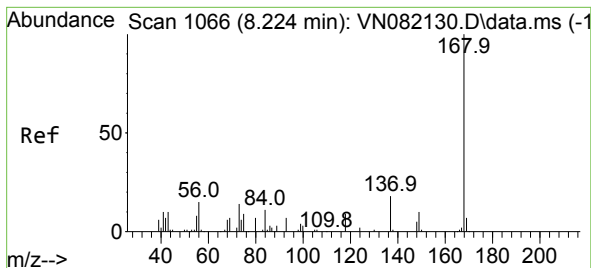
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ALS Vial : 25 Sample Multiplier: 1

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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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. 0.006 min

Lab File: VN082360.D

Acq: 28 May 2024 20:33

Instrument :

MSVOA_N

ClientSampleId :

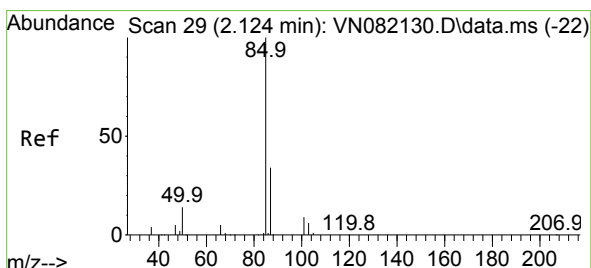
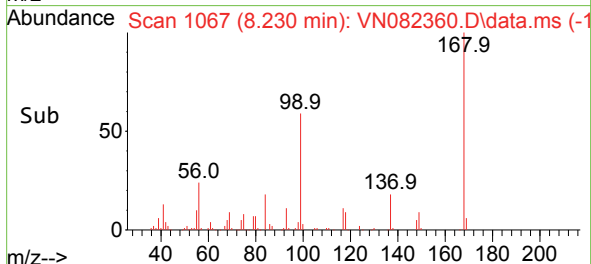
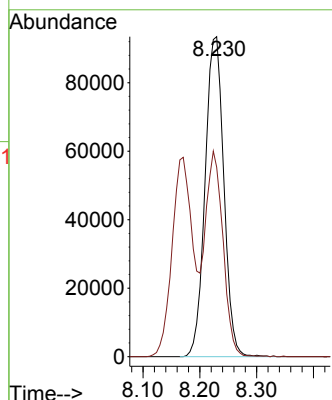
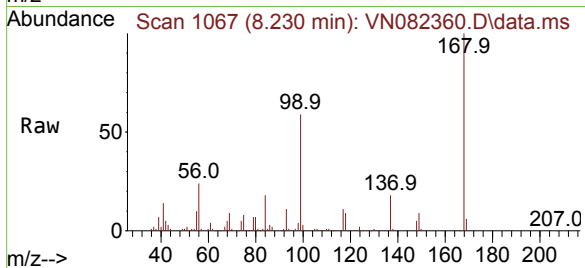
VSTDCCC050EC

Tgt Ion:168 Resp: 213131

Ion Ratio Lower Upper

168 100

99 59.2 48.2 72.4



#2

Dichlorodifluoromethane

Concen: 42.158 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN082360.D

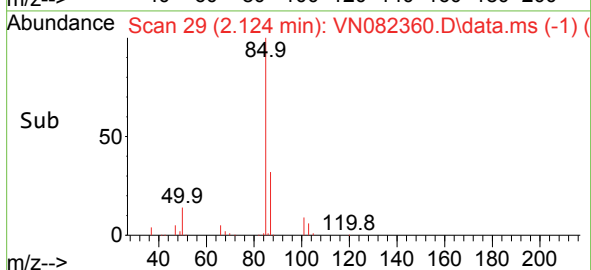
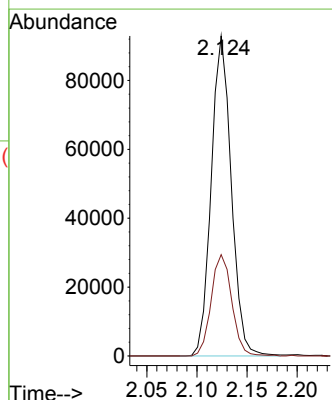
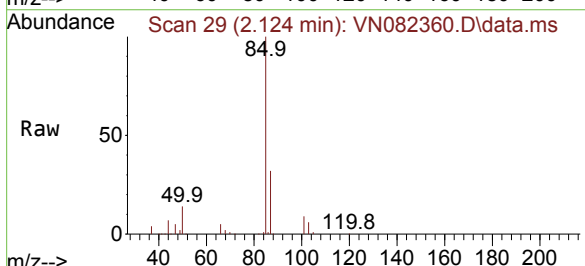
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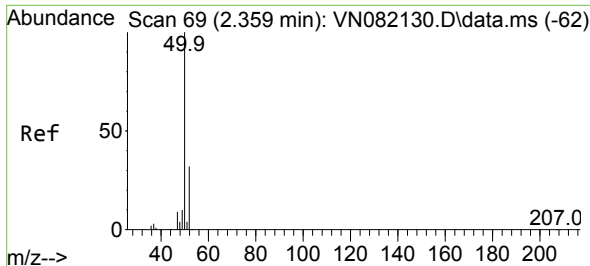
Tgt Ion: 85 Resp: 129543

Ion Ratio Lower Upper

85 100

87 31.6 15.8 47.4

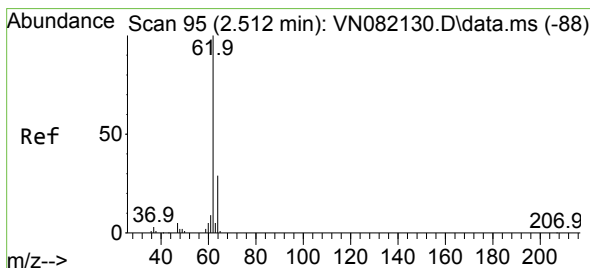
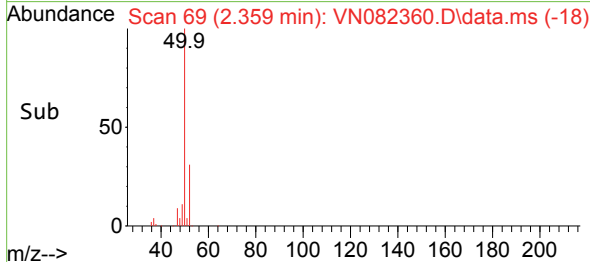
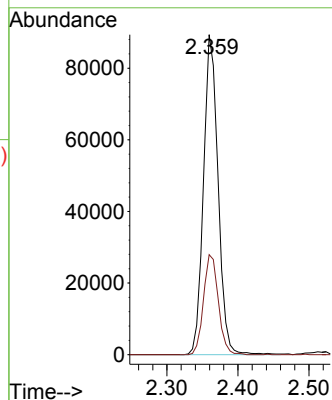
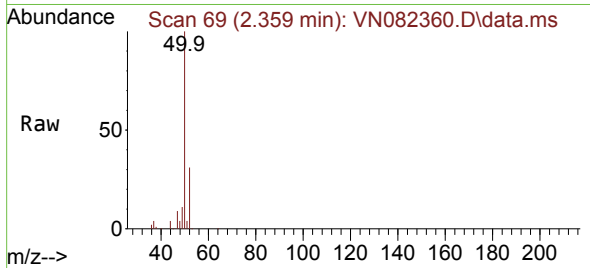




#3
Chloromethane
Concen: 36.749 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

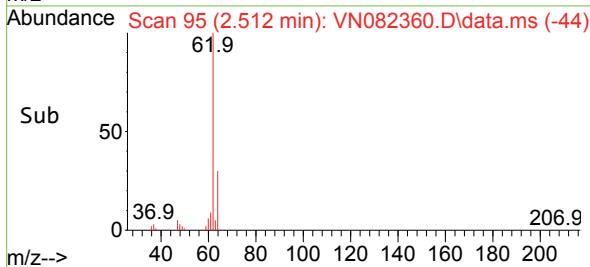
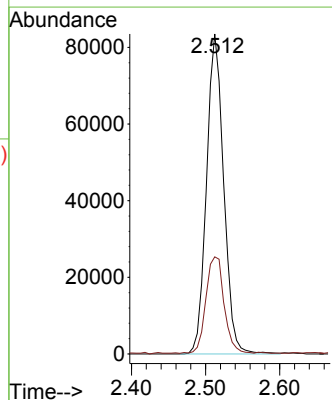
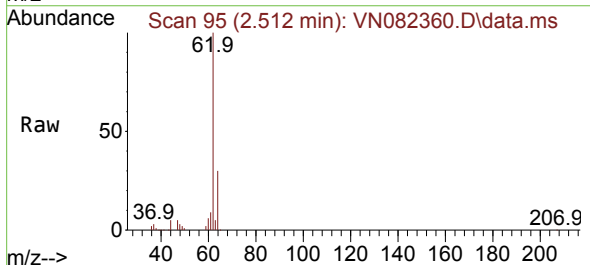
Instrument :
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VSTDCCC050EC

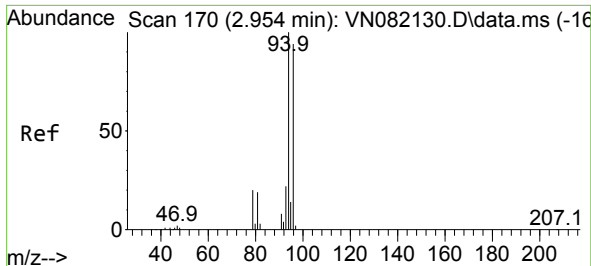
Tgt Ion: 50 Resp: 127975
Ion Ratio Lower Upper
50 100
52 31.3 25.5 38.3



#4
Vinyl Chloride
Concen: 41.071 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

Tgt Ion: 62 Resp: 134461
Ion Ratio Lower Upper
62 100
64 30.1 24.6 37.0

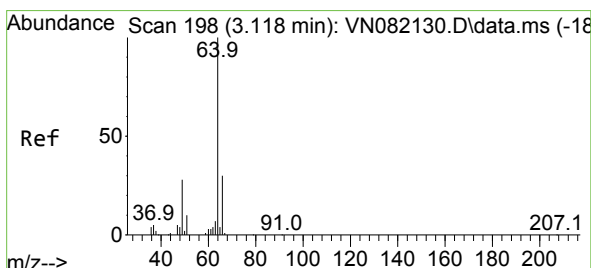
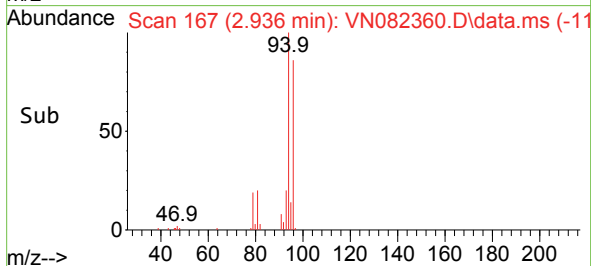
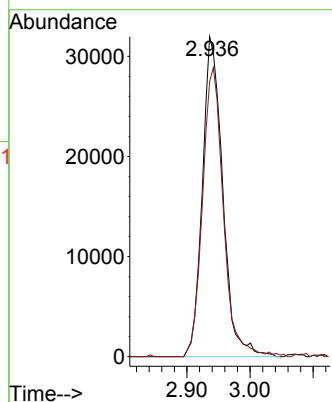
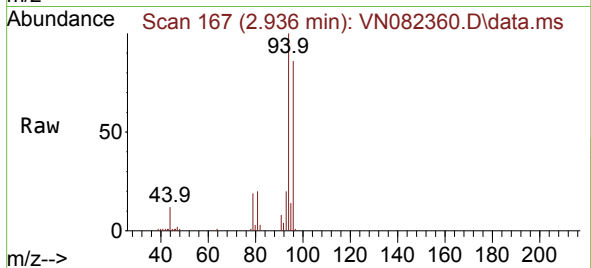




#5
Bromomethane
Concen: 38.034 ug/l
RT: 2.936 min Scan# 1
Delta R.T. -0.018 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

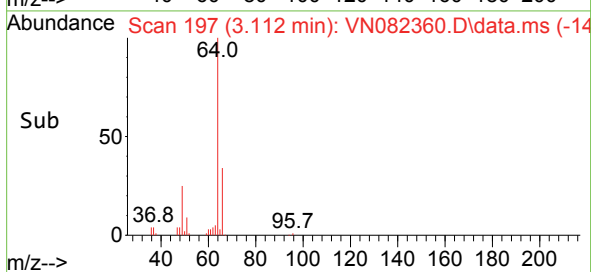
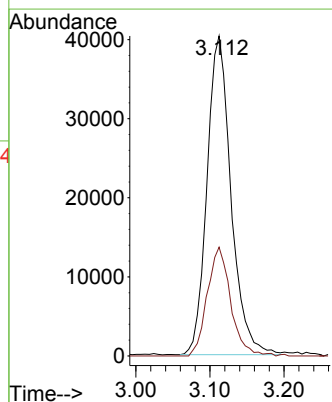
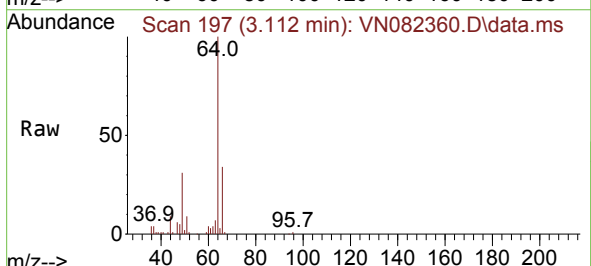
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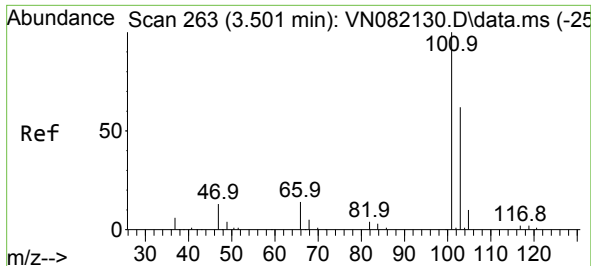
Tgt Ion: 94 Resp: 71571
Ion Ratio Lower Upper
94 100
96 85.9 74.8 112.2



#6
Chloroethane
Concen: 42.460 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

Tgt Ion: 64 Resp: 90766
Ion Ratio Lower Upper
64 100
66 34.2 24.7 37.1

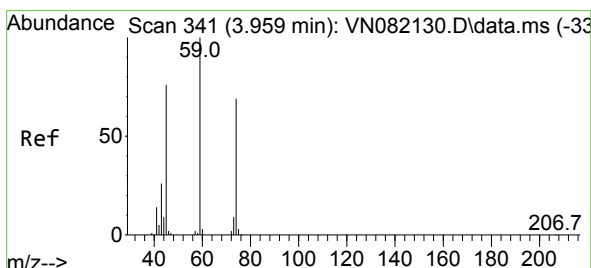
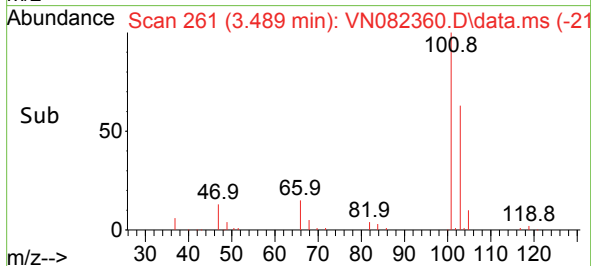
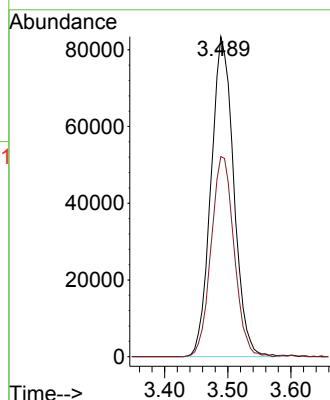
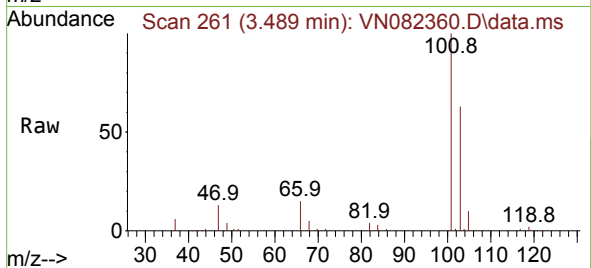




#7
 Trichlorofluoromethane
 Concen: 48.696 ug/l
 RT: 3.489 min Scan# 208760
 Delta R.T. -0.012 min
 Lab File: VN082360.D
 Acq: 28 May 2024 20:33

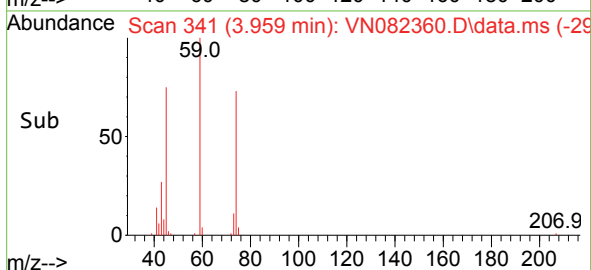
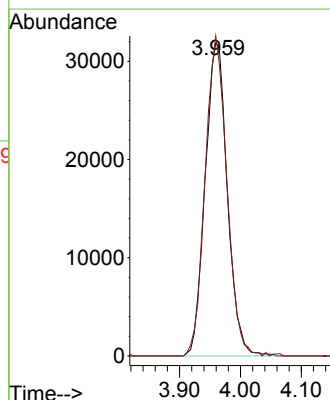
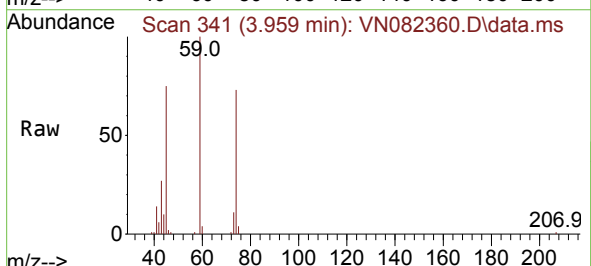
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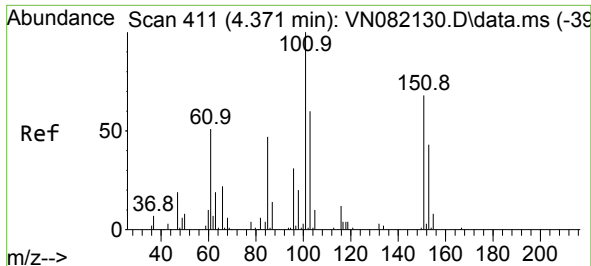
Tgt Ion:101 Resp: 208760
 Ion Ratio Lower Upper
 101 100
 103 62.6 50.6 75.8



#8
 Diethyl Ether
 Concen: 52.770 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN082360.D
 Acq: 28 May 2024 20:33

Tgt Ion: 74 Resp: 80591
 Ion Ratio Lower Upper
 74 100
 45 100.3 42.4 127.3

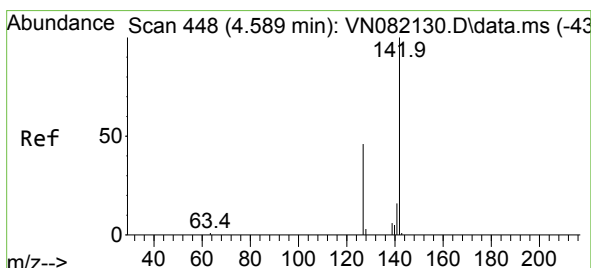
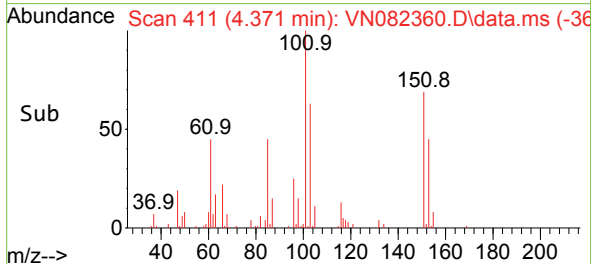
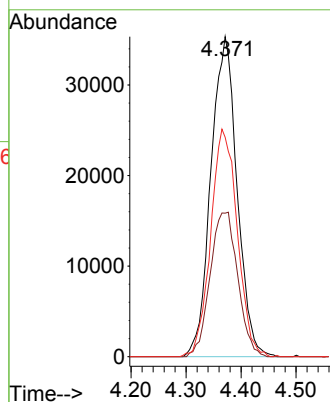
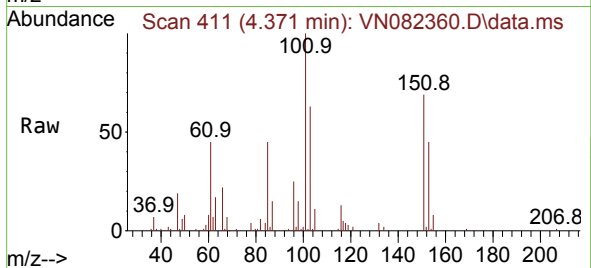




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.582 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

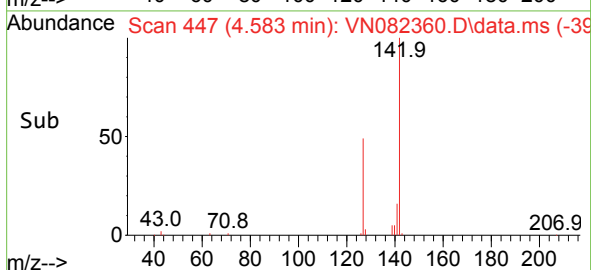
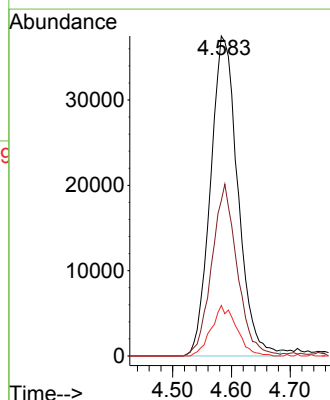
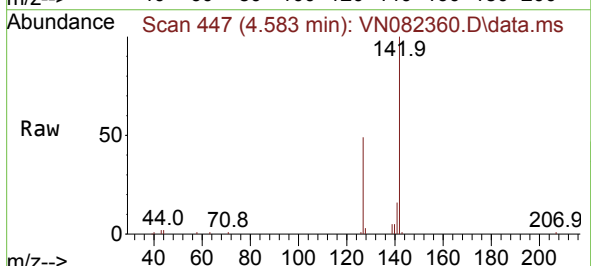
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

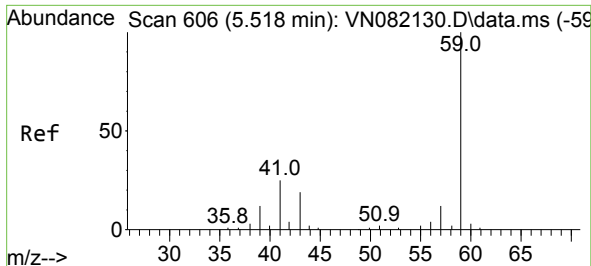
Tgt Ion:101 Resp: 116654
Ion Ratio Lower Upper
101 100
85 47.7 37.3 55.9
151 72.4 59.2 88.8



#10
Methyl Iodide
Concen: 48.109 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

Tgt Ion:142 Resp: 121116
Ion Ratio Lower Upper
142 100
127 48.5 35.8 53.6
141 15.7 11.4 17.2

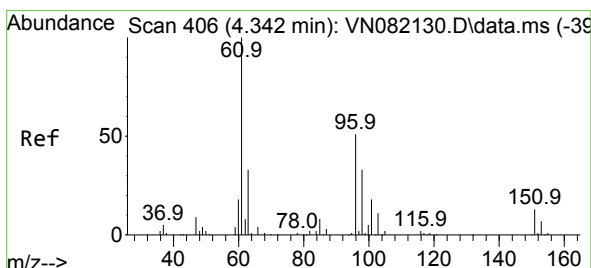
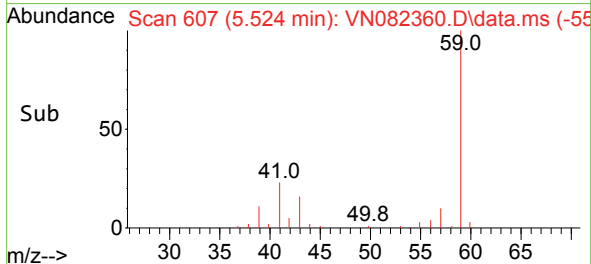
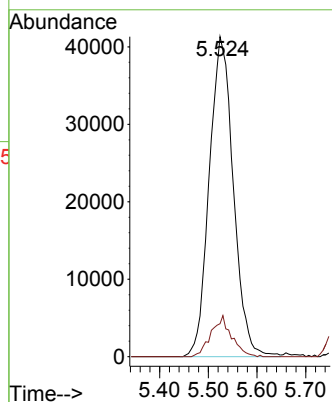
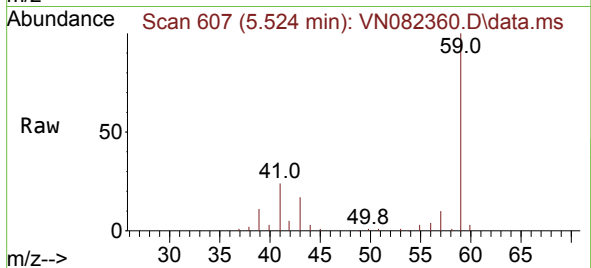




#11
Tert butyl alcohol
Concen: 262.678 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

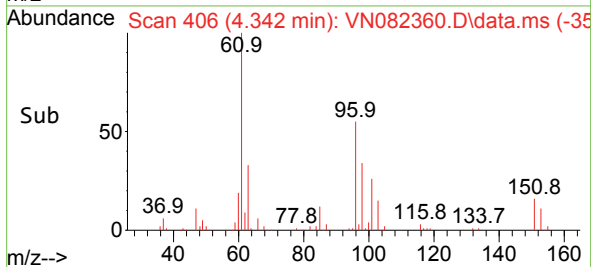
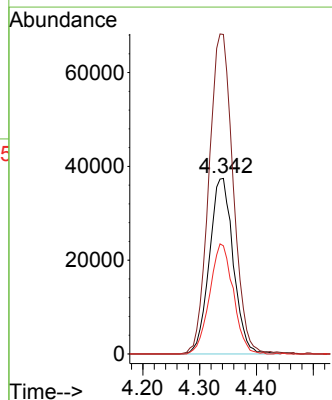
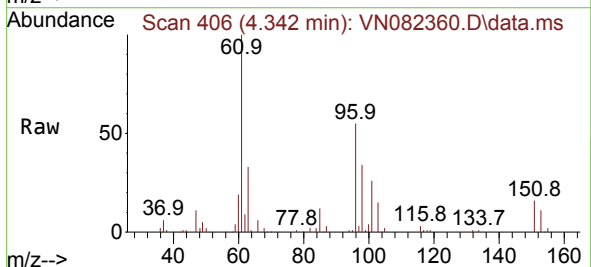
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

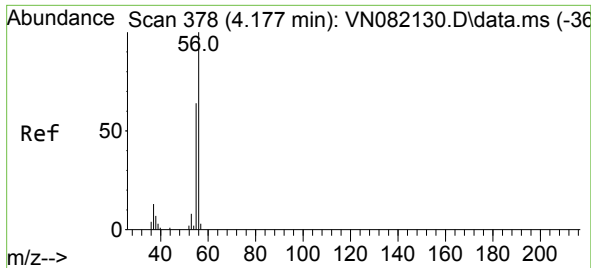
Tgt Ion: 59 Resp: 141904
Ion Ratio Lower Upper
59 100
57 10.9 8.9 13.3



#12
1,1-Dichloroethene
Concen: 46.977 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

Tgt Ion: 96 Resp: 109345
Ion Ratio Lower Upper
96 100
61 182.0 119.7 179.5#
98 61.6 49.6 74.4





#13

Acrolein

Concen: 221.331 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN082360.D

Acq: 28 May 2024 20:33

Instrument :

MSVOA_N

ClientSampleId :

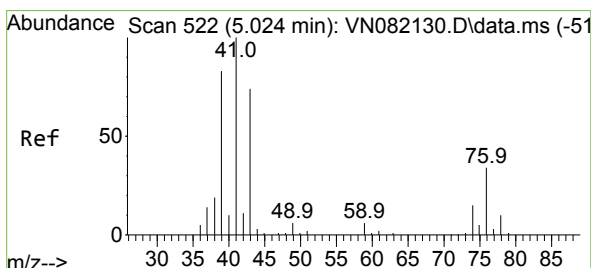
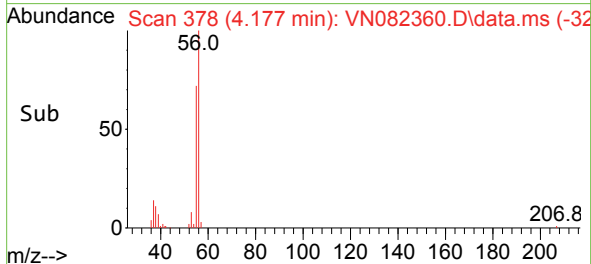
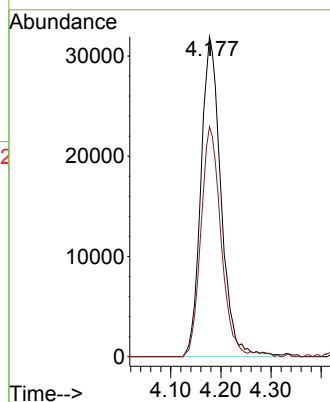
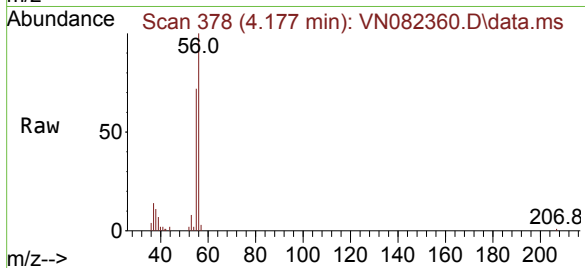
VSTDCCC050EC

Tgt Ion: 56 Resp: 88604

Ion Ratio Lower Upper

56 100

55 71.6 55.8 83.8



#14

Allyl chloride

Concen: 46.297 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN082360.D

Acq: 28 May 2024 20:33

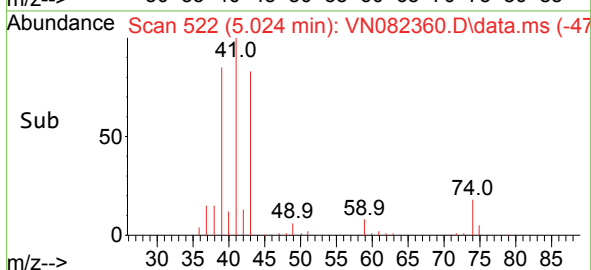
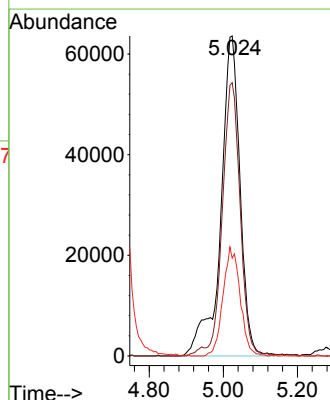
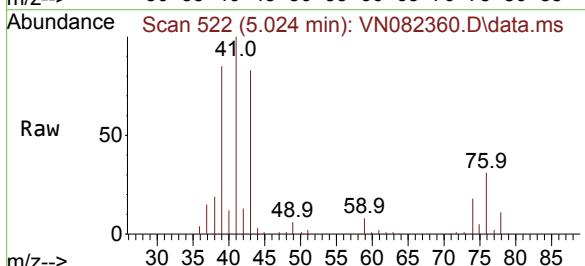
Tgt Ion: 41 Resp: 230722

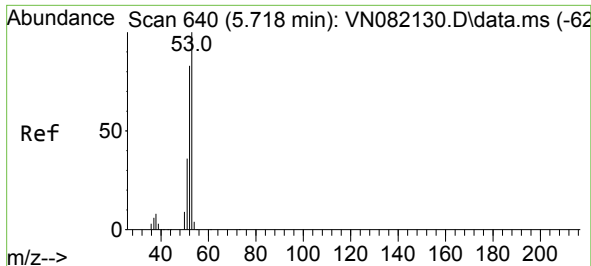
Ion Ratio Lower Upper

41 100

39 76.8 65.4 98.0

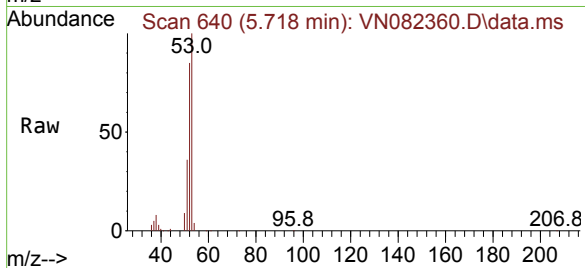
76 30.0 37.3 55.9#



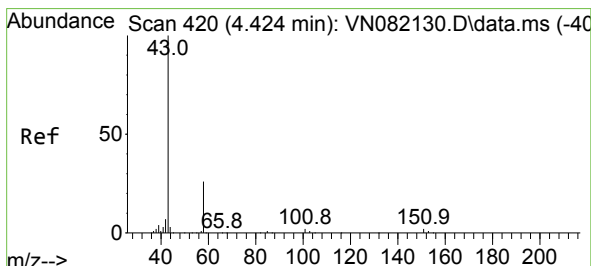
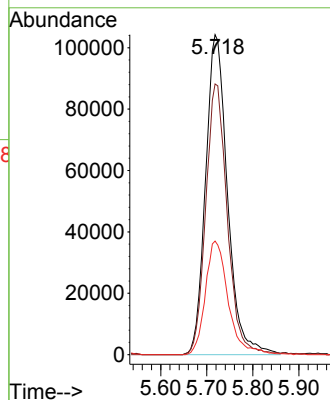
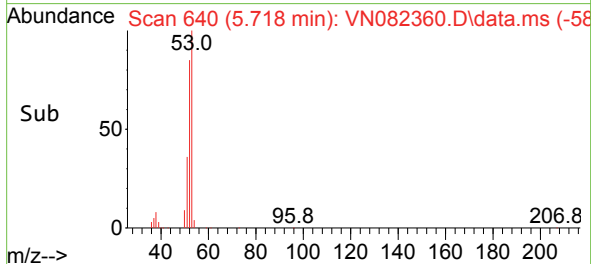


#15
Acrylonitrile
Concen: 247.024 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

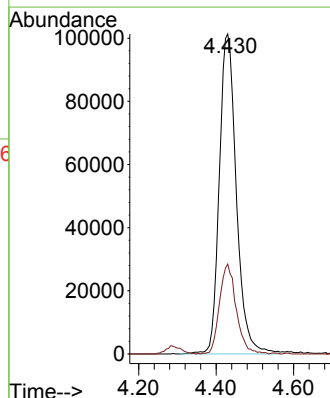
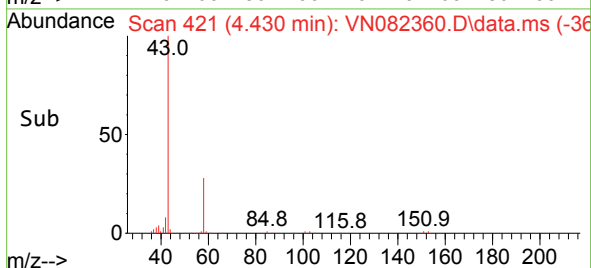
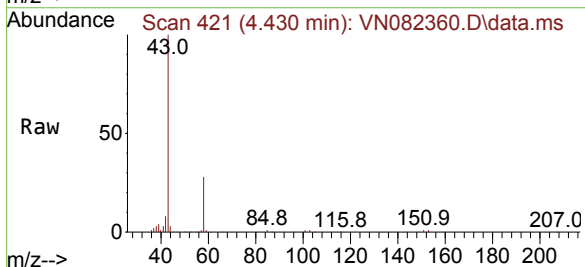


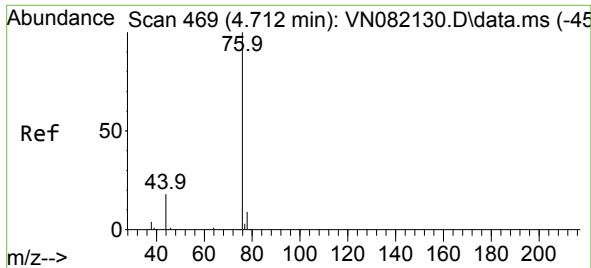
Tgt Ion: 53 Resp: 345612
Ion Ratio Lower Upper
53 100
52 83.0 66.1 99.1
51 37.1 29.4 44.2



#16
Acetone
Concen: 224.656 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

Tgt Ion: 43 Resp: 310147
Ion Ratio Lower Upper
43 100
58 28.1 25.2 37.8

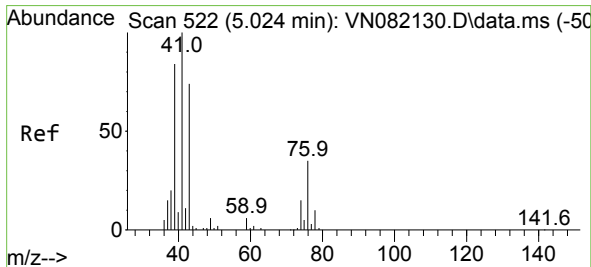
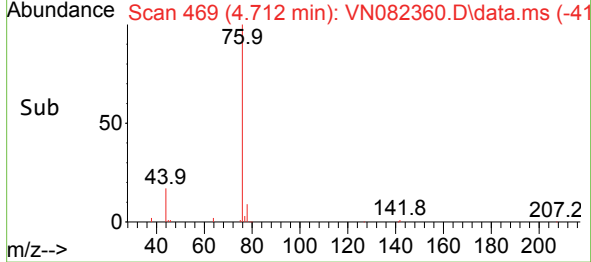
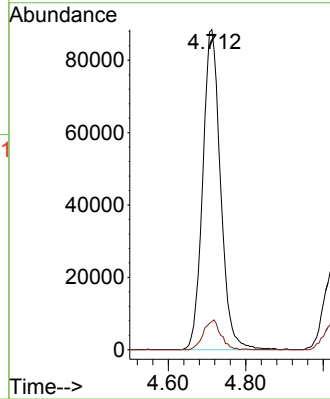
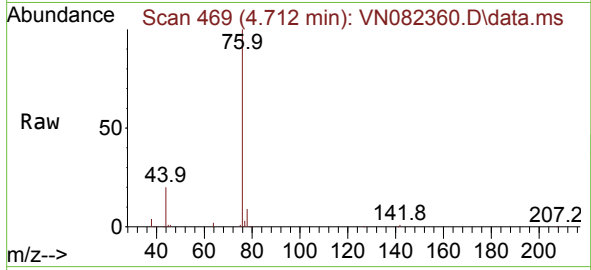




#17
Carbon Disulfide
Concen: 37.559 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

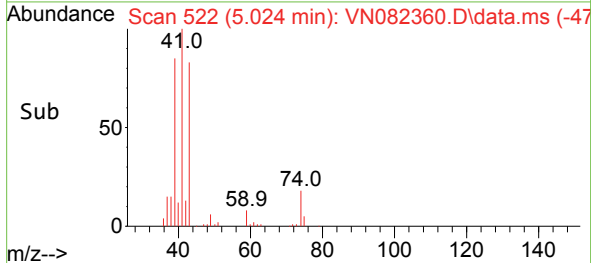
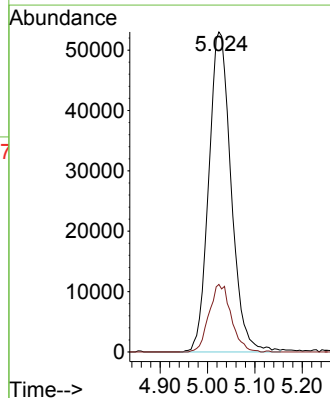
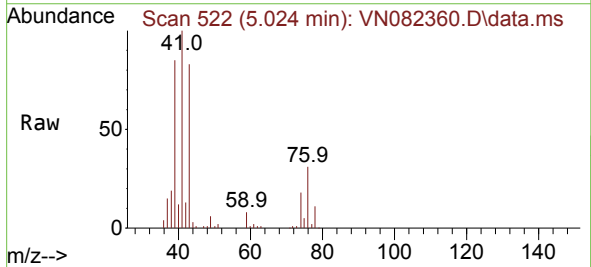
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

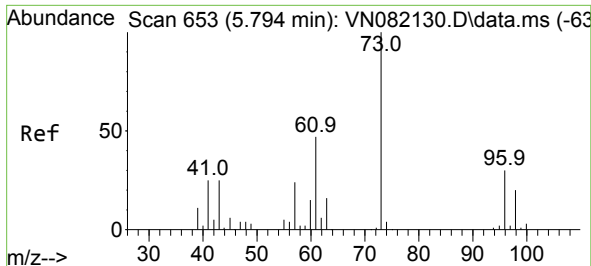
Tgt Ion: 76 Resp: 282365
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3



#18
Methyl Acetate
Concen: 50.555 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

Tgt Ion: 43 Resp: 173813
Ion Ratio Lower Upper
43 100
74 20.9 22.2 33.2#

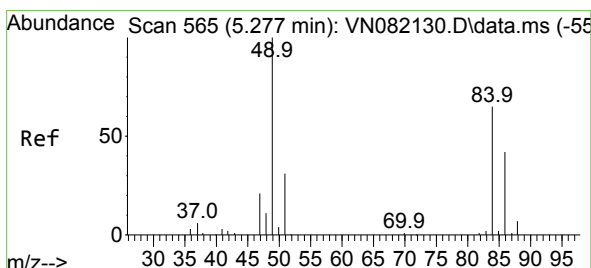
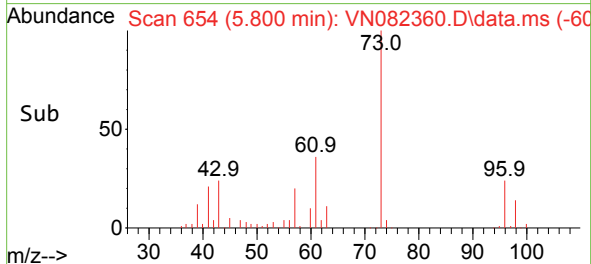
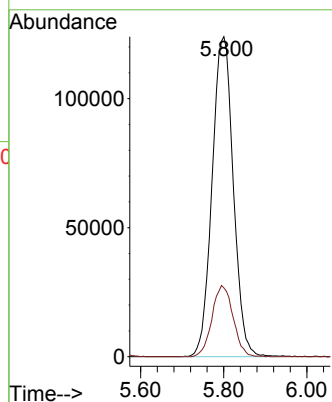
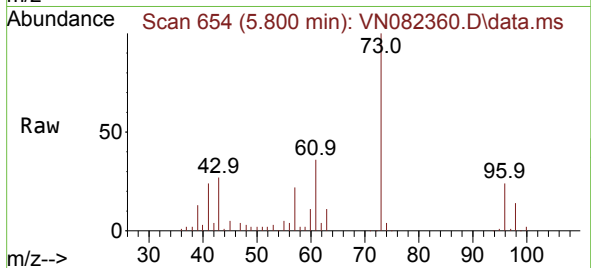




#19
Methyl tert-butyl Ether
Concen: 51.569 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

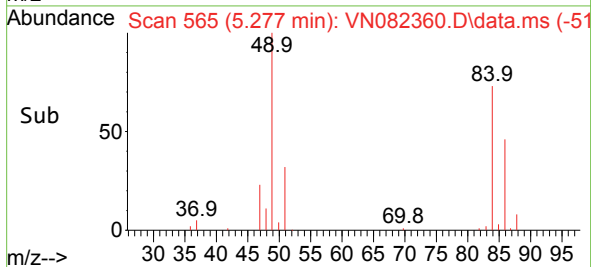
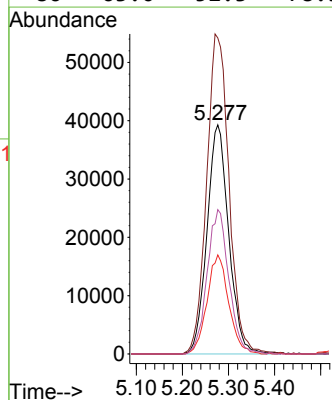
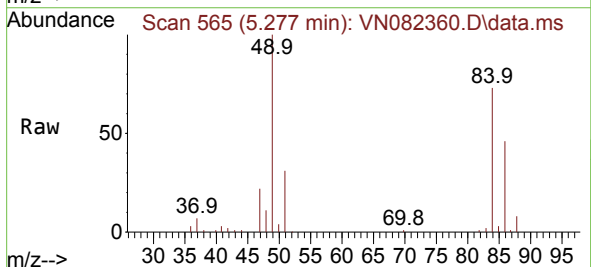
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

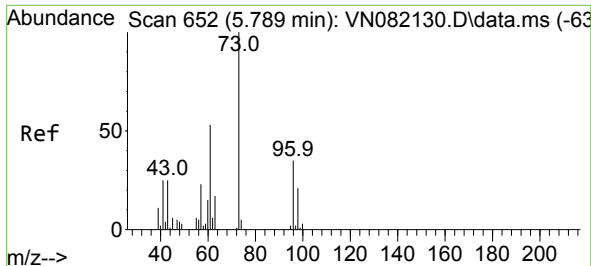
Tgt Ion: 73 Resp: 438752
Ion Ratio Lower Upper
73 100
57 21.5 16.5 24.7



#20
Methylene Chloride
Concen: 46.330 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

Tgt Ion: 84 Resp: 129047
Ion Ratio Lower Upper
84 100
49 137.9 84.9 127.3#
51 43.2 27.0 40.6#
86 63.0 52.3 78.5

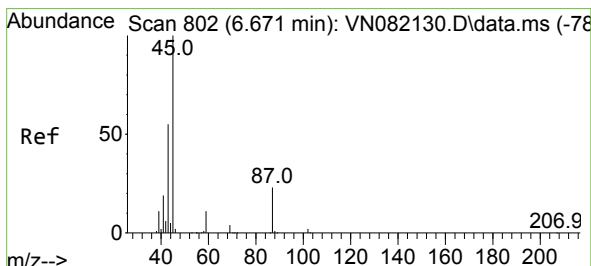
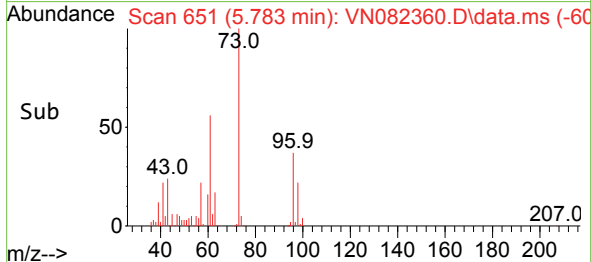
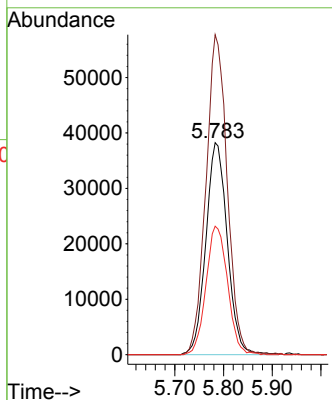
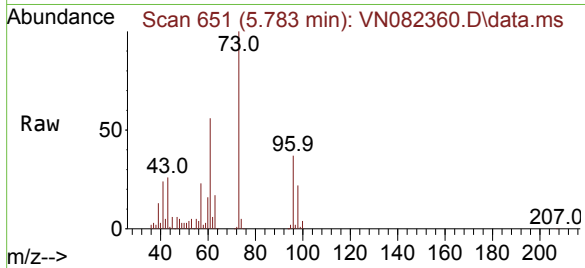




#21
trans-1,2-Dichloroethene
Concen: 46.158 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

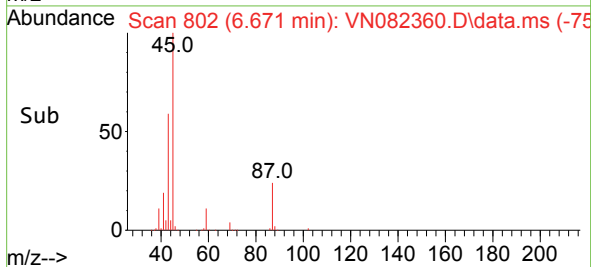
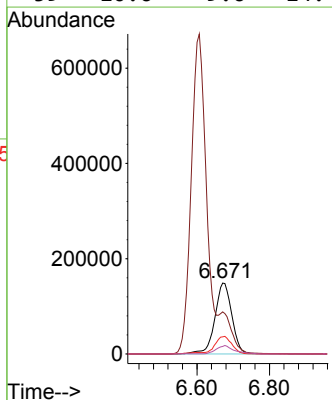
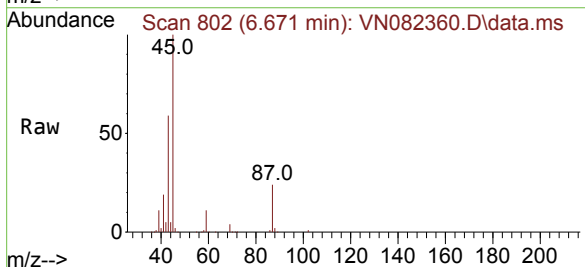
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

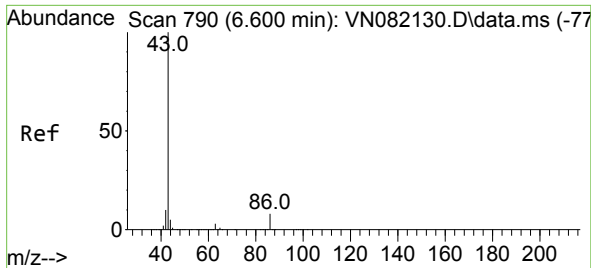
Tgt Ion: 96 Resp: 117082
Ion Ratio Lower Upper
96 100
61 151.0 96.5 144.7#
98 60.6 51.3 76.9



#22
Diisopropyl ether
Concen: 46.458 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

Tgt Ion: 45 Resp: 483454
Ion Ratio Lower Upper
45 100
43 58.9 44.1 66.1
87 24.2 27.0 40.6#
59 10.6 9.6 14.4

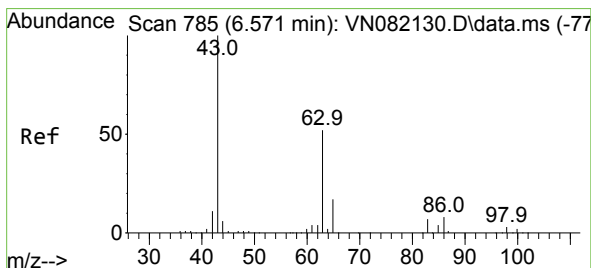
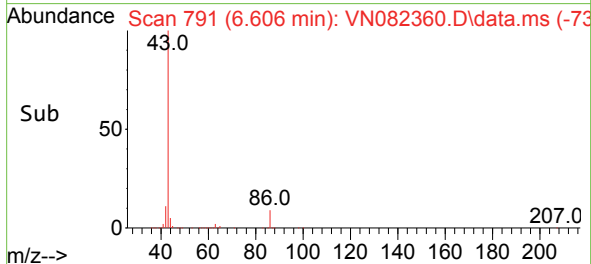
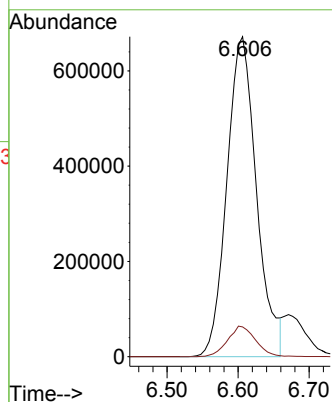
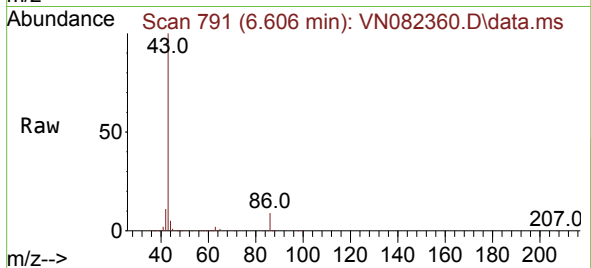




#23
 Vinyl Acetate
 Concen: 237.647 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN082360.D
 Acq: 28 May 2024 20:33

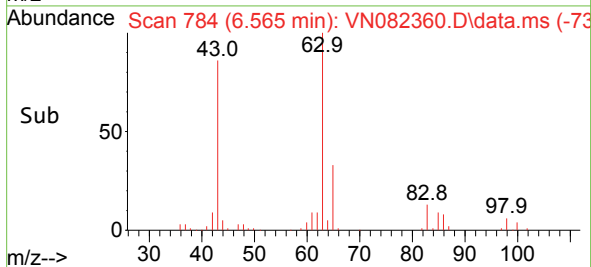
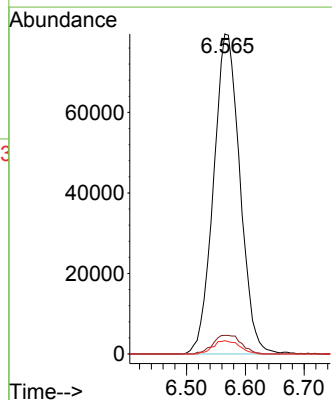
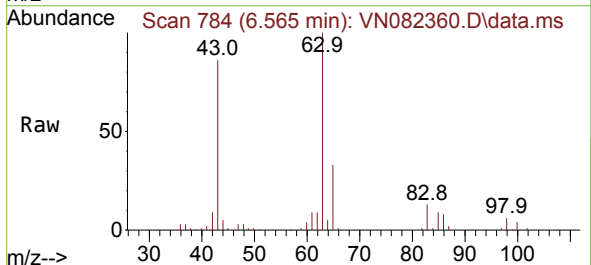
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

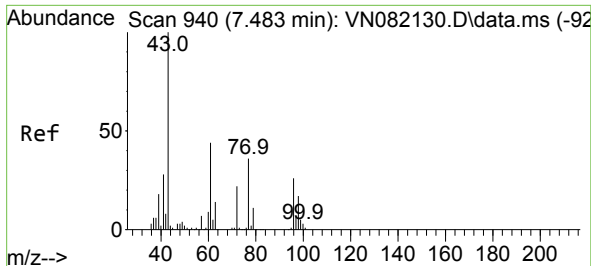
Tgt Ion: 43 Resp: 1949775
 Ion Ratio Lower Upper
 43 100
 86 9.3 10.2 15.4#



#24
 1,1-Dichloroethane
 Concen: 46.146 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN082360.D
 Acq: 28 May 2024 20:33

Tgt Ion: 63 Resp: 247511
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.6 10.9
 100 4.2 2.6 7.8

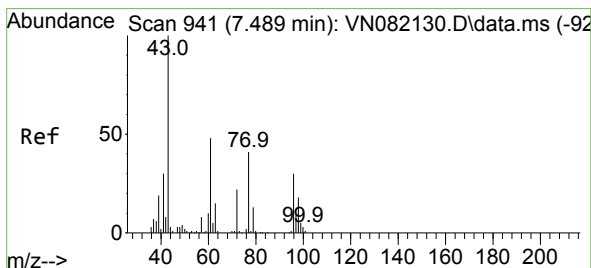
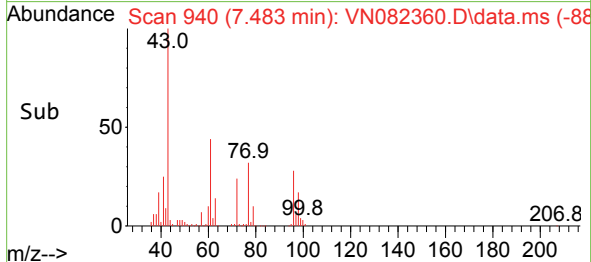
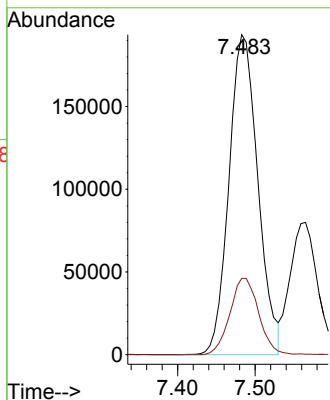
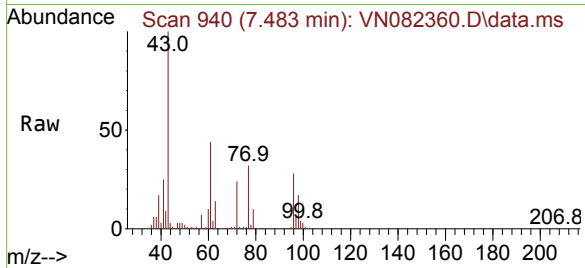




#25
2-Butanone
Concen: 240.249 ug/l
RT: 7.483 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

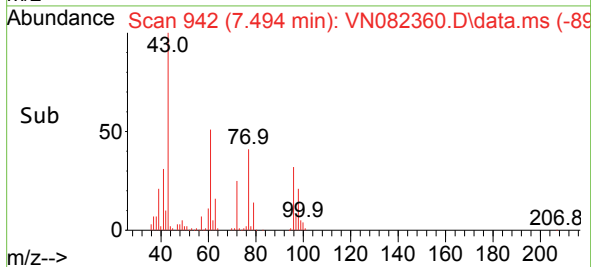
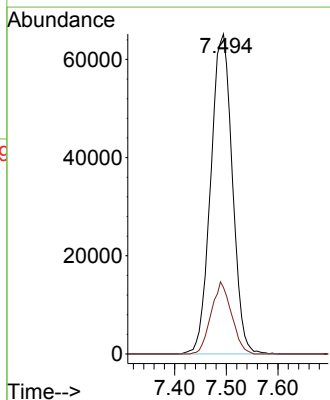
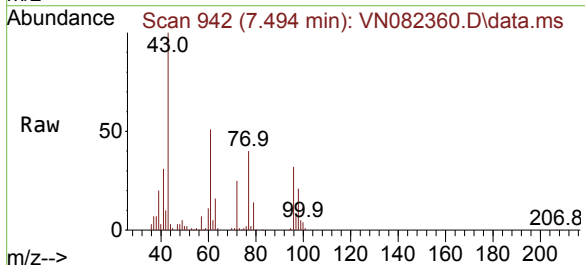
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

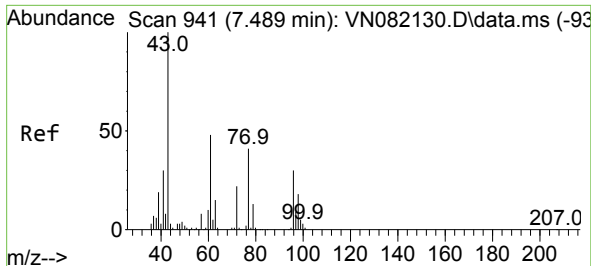
Tgt Ion: 43 Resp: 502871
Ion Ratio Lower Upper
43 100
72 23.9 25.3 37.9#



#26
2,2-Dichloropropane
Concen: 42.100 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

Tgt Ion: 77 Resp: 189136
Ion Ratio Lower Upper
77 100
97 21.3 11.3 33.9

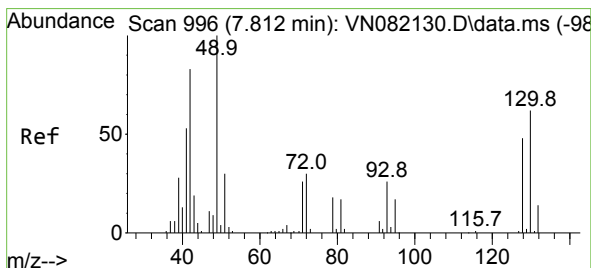
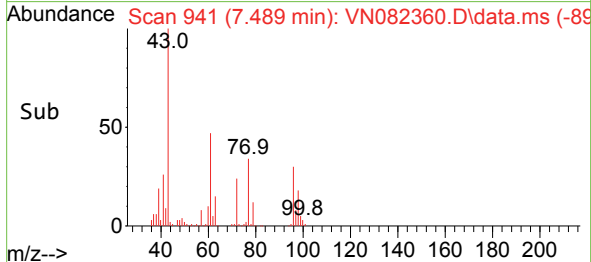
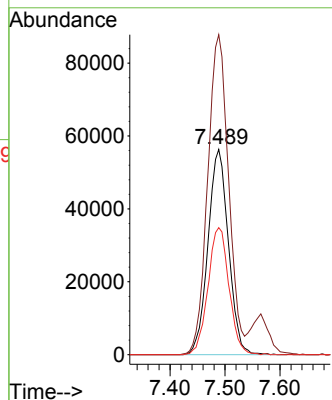
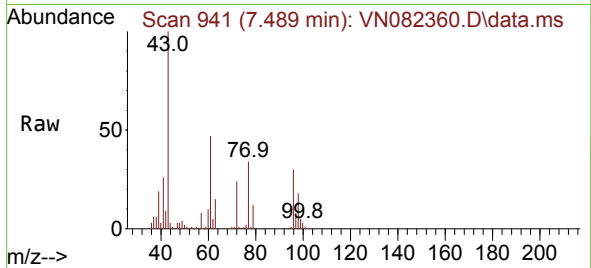




#27
 cis-1,2-Dichloroethene
 Concen: 48.653 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN082360.D
 Acq: 28 May 2024 20:33

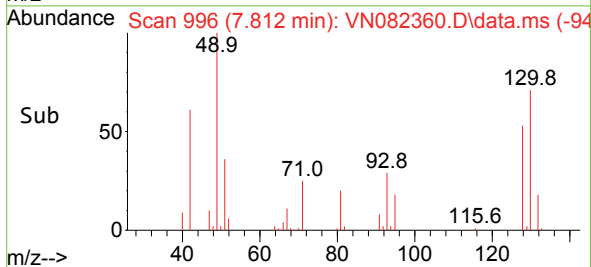
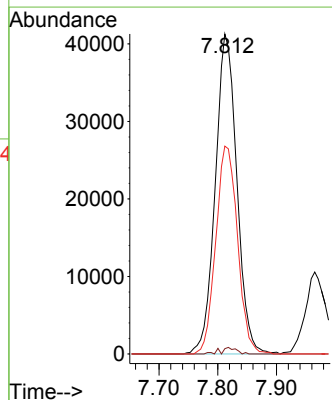
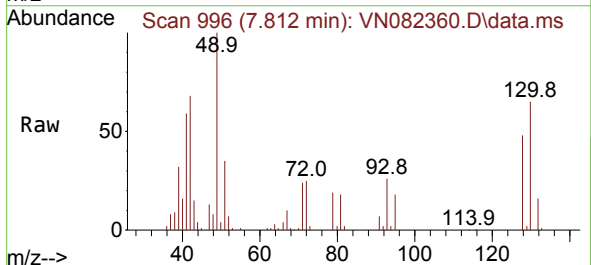
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

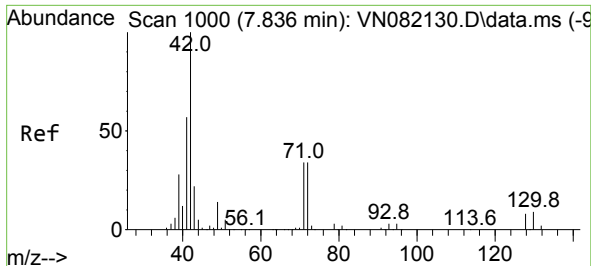
Tgt Ion: 96 Resp: 145644
 Ion Ratio Lower Upper
 96 100
 61 159.2 0.0 268.0
 98 63.6 0.0 126.8



#28
 Bromochloromethane
 Concen: 45.003 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN082360.D
 Acq: 28 May 2024 20:33

Tgt Ion: 49 Resp: 105395
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 4.6
 130 65.4 66.7 100.1#





#29

Tetrahydrofuran

Concen: 246.818 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.005 min

Lab File: VN082360.D

Acq: 28 May 2024 20:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

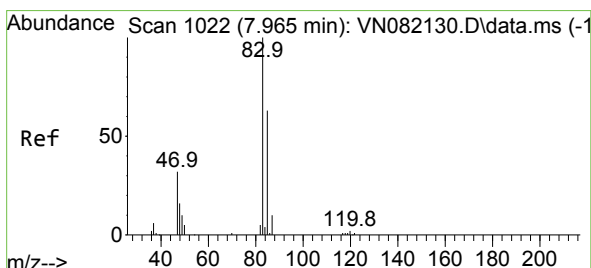
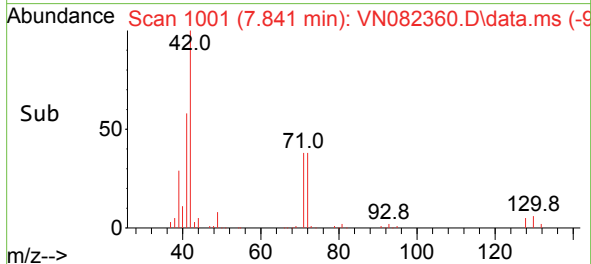
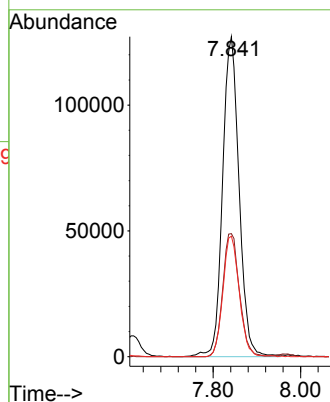
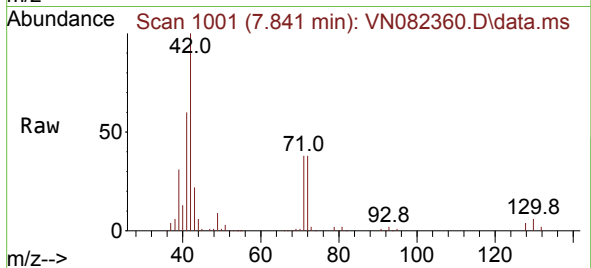
Tgt Ion: 42 Resp: 331699

Ion Ratio Lower Upper

42 100

72 39.1 39.3 58.9#

71 37.2 37.4 56.0#



#30

Chloroform

Concen: 49.737 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN082360.D

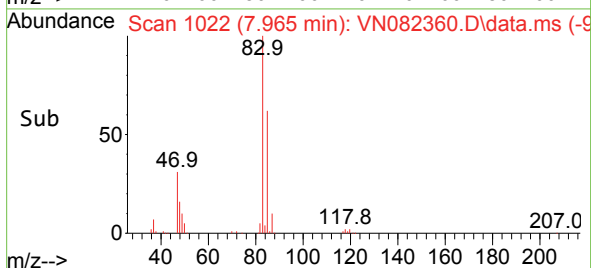
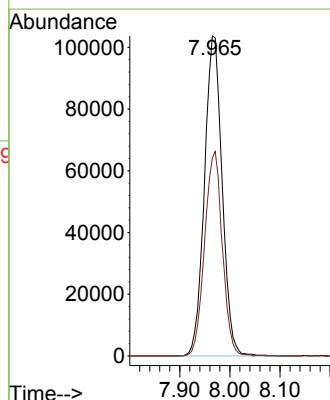
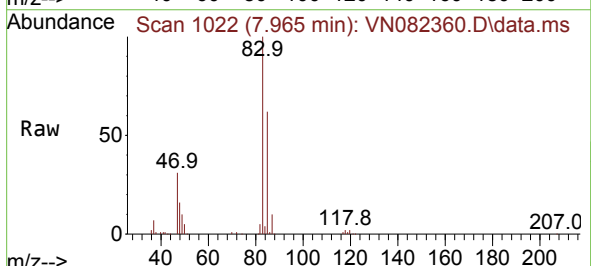
Acq: 28 May 2024 20:33

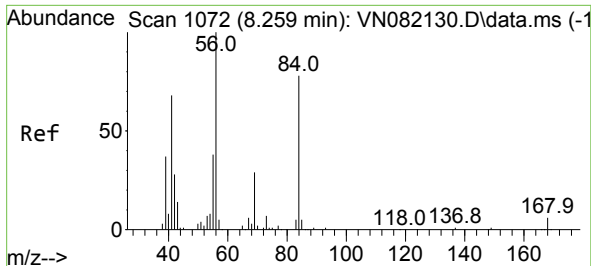
Tgt Ion: 83 Resp: 254752

Ion Ratio Lower Upper

83 100

85 61.9 50.7 76.1

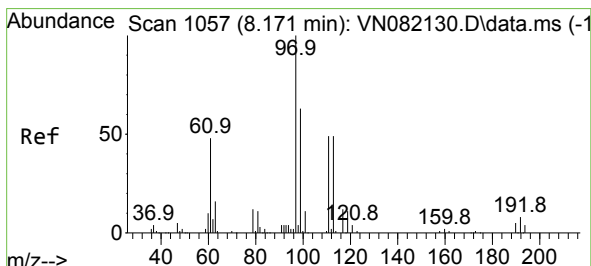
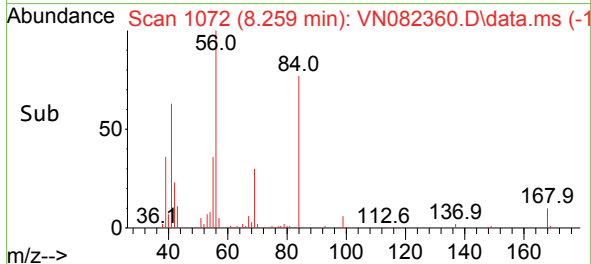
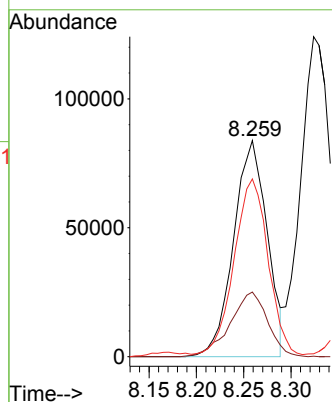
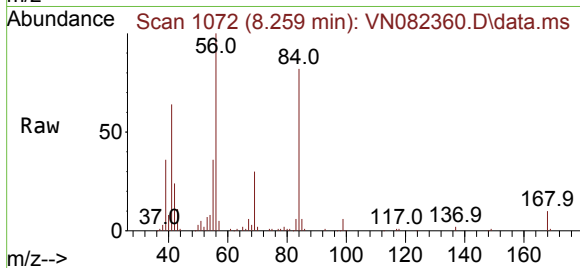




#31
Cyclohexane
Concen: 38.399 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

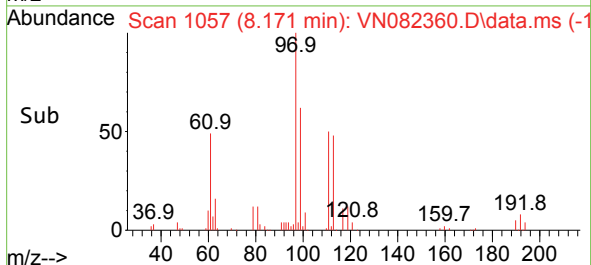
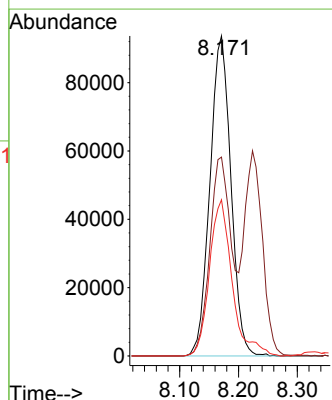
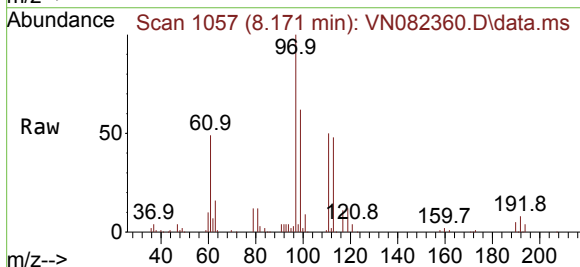
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

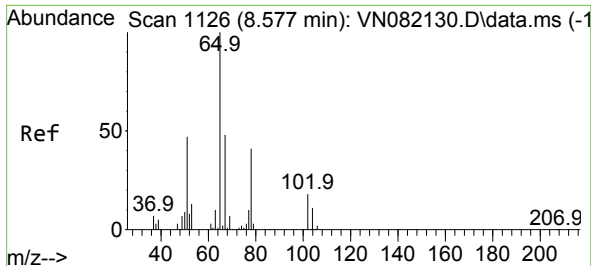
Tgt Ion: 56 Resp: 206399
Ion Ratio Lower Upper
56 100
69 29.4 24.4 36.6
84 80.9 77.0 115.4



#32
1,1,1-Trichloroethane
Concen: 50.965 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

Tgt Ion: 97 Resp: 231590
Ion Ratio Lower Upper
97 100
99 64.8 50.3 75.5
61 53.0 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 46.154 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082360.D

Acq: 28 May 2024 20:33

Instrument :

MSVOA_N

ClientSampleId :

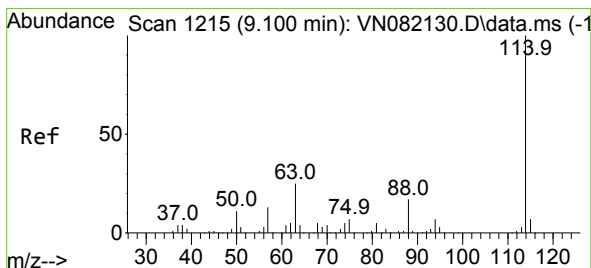
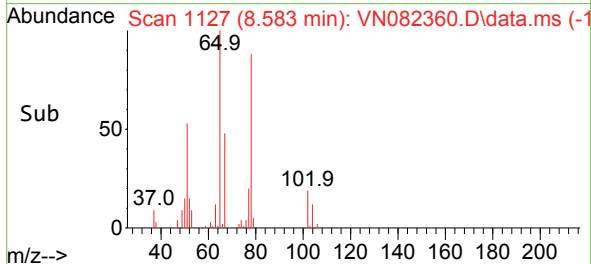
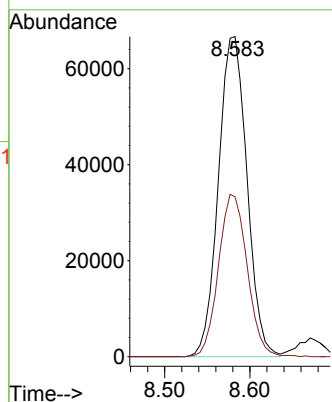
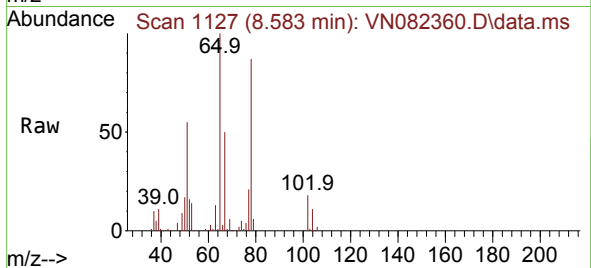
VSTDCCC050EC

Tgt Ion: 65 Resp: 155327

Ion Ratio Lower Upper

65 100

67 51.0 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: VN082360.D

Acq: 28 May 2024 20:33

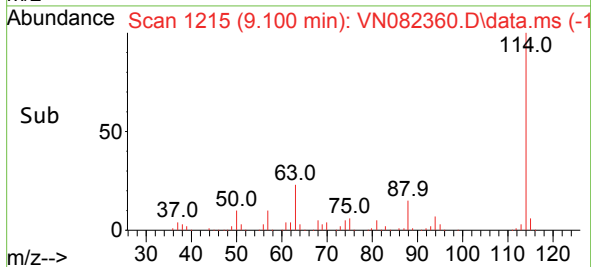
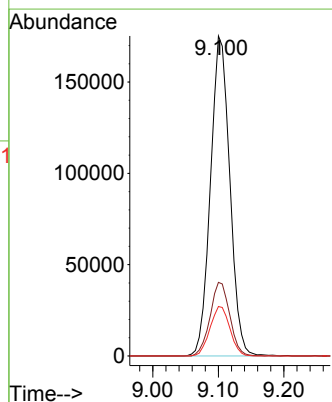
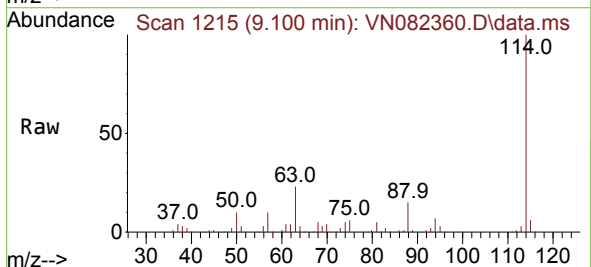
Tgt Ion: 114 Resp: 358140

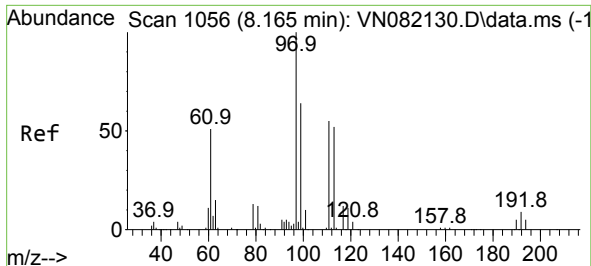
Ion Ratio Lower Upper

114 100

63 23.0 0.0 41.0

88 15.5 0.0 31.4

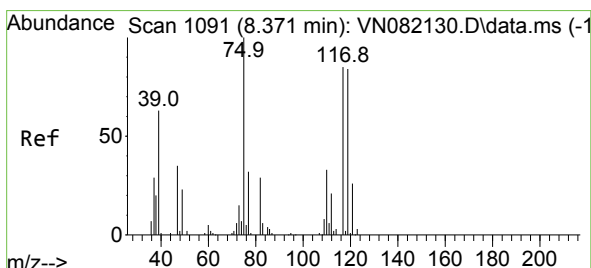
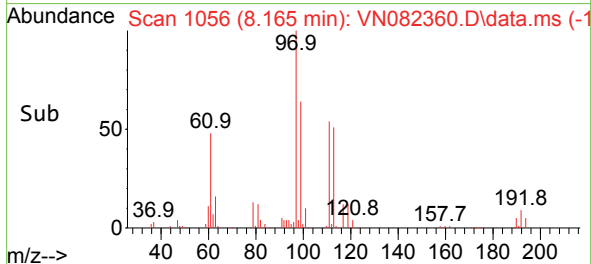
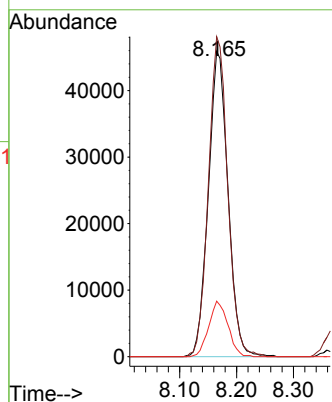
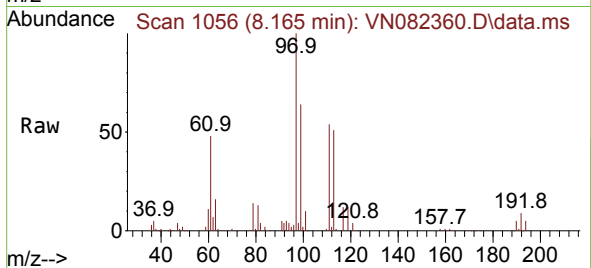




#35
Dibromofluoromethane
Concen: 50.079 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

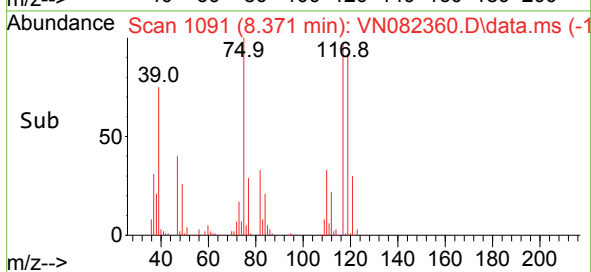
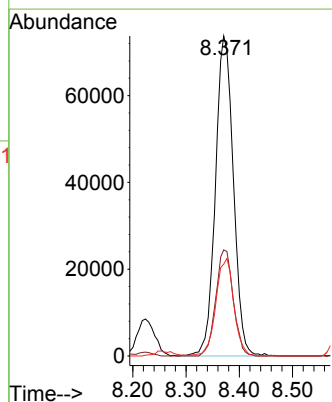
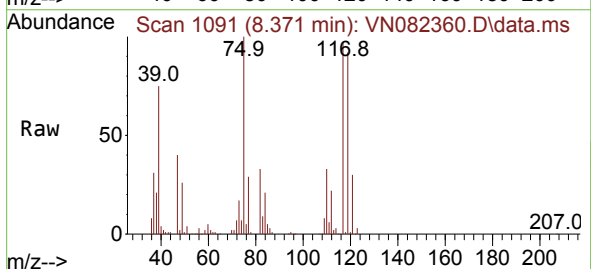
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

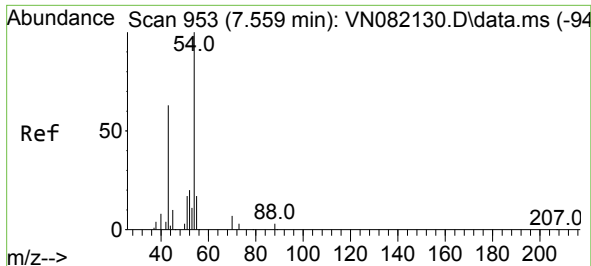
Tgt Ion:113 Resp: 110329
Ion Ratio Lower Upper
113 100
111 102.7 83.4 125.2
192 17.8 14.0 21.0



#36
1,1-Dichloropropene
Concen: 46.776 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

Tgt Ion: 75 Resp: 172837
Ion Ratio Lower Upper
75 100
110 32.2 17.8 53.5
77 30.4 25.0 37.4

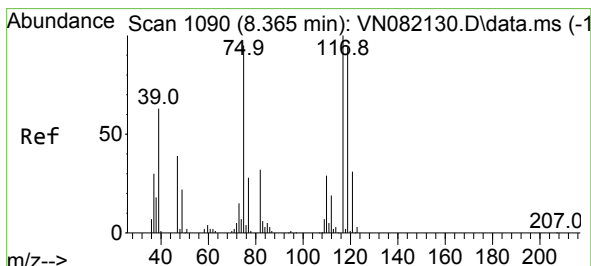
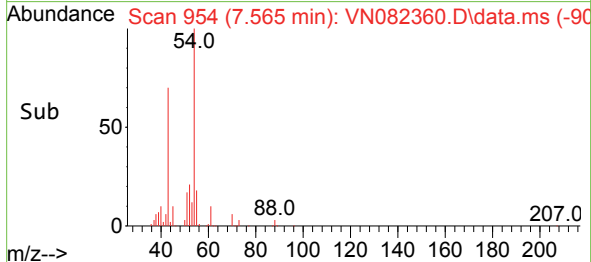
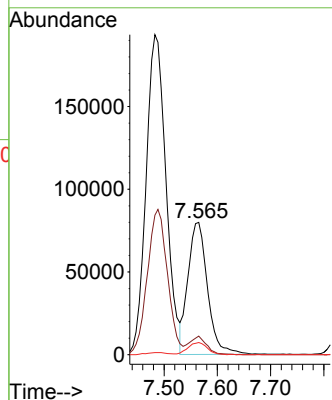
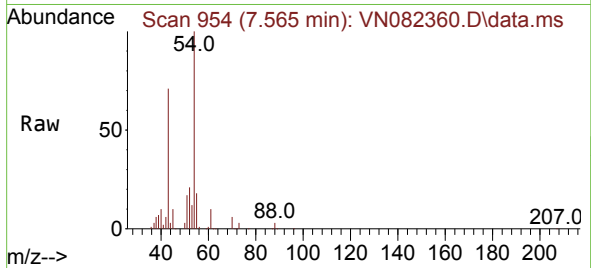




#37
Ethyl Acetate
Concen: 49.256 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

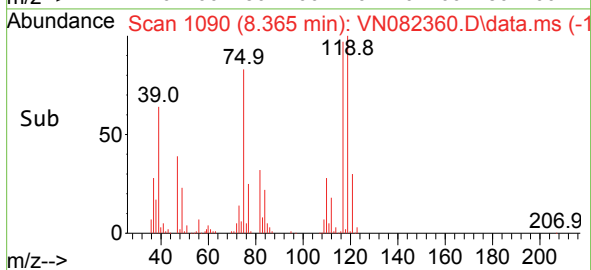
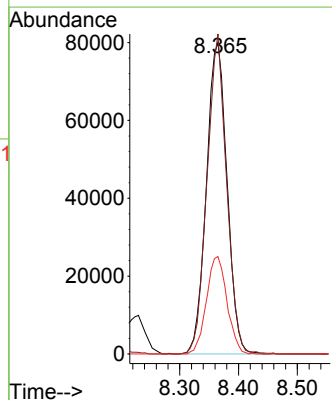
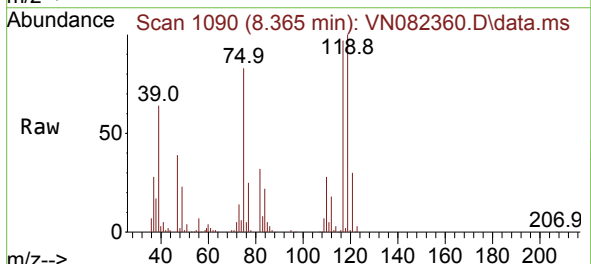
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

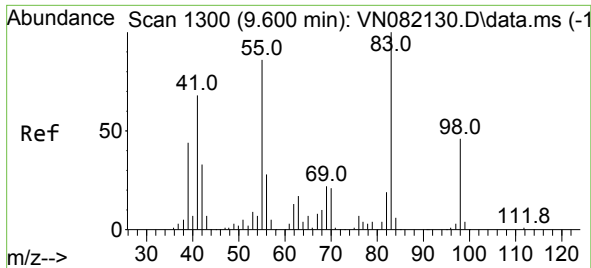
Tgt Ion: 43 Resp: 203678
Ion Ratio Lower Upper
43 100
61 12.5 11.3 16.9
70 9.1 8.7 13.1



#38
Carbon Tetrachloride
Concen: 52.113 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

Tgt Ion: 117 Resp: 195196
Ion Ratio Lower Upper
117 100
119 102.8 76.5 114.7
121 31.3 23.9 35.9

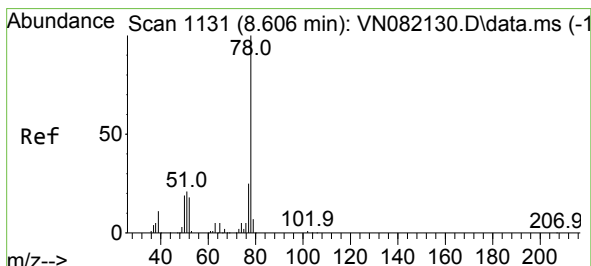
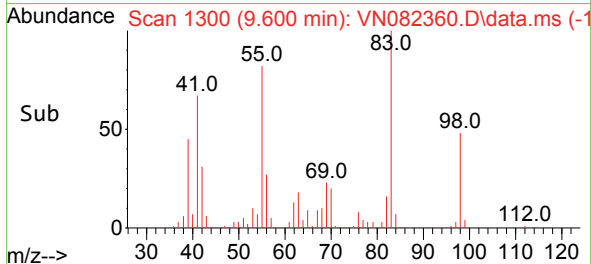
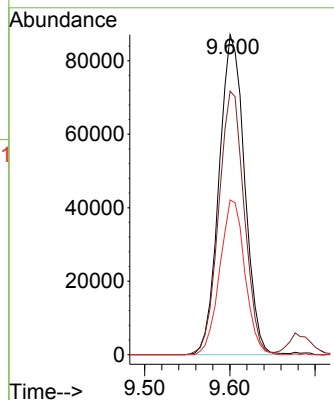
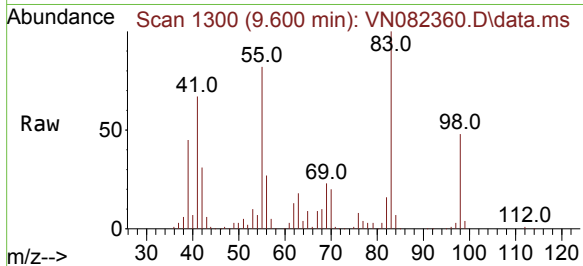




#39
Methylcyclohexane
Concen: 44.765 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. 0.000 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

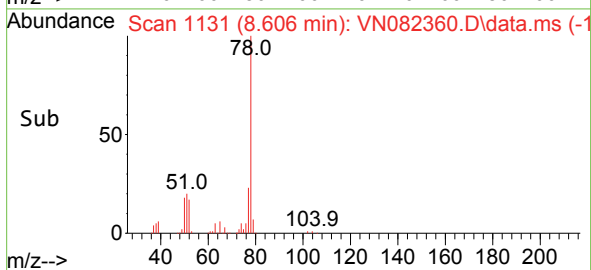
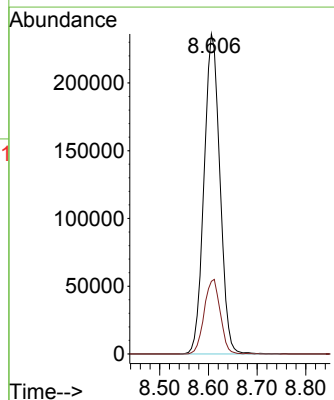
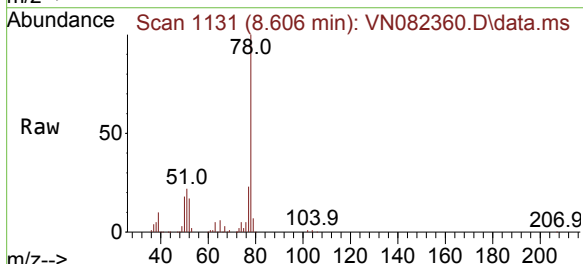
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

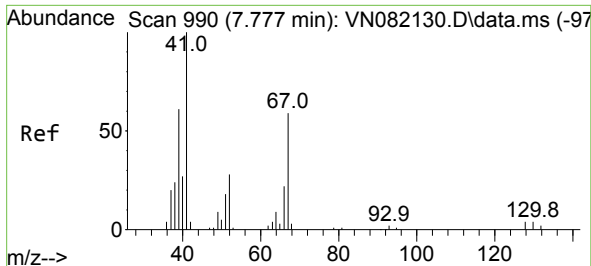
Tgt Ion: 83 Resp: 181305
Ion Ratio Lower Upper
83 100
55 82.3 53.0 79.6#
98 48.3 37.1 55.7



#40
Benzene
Concen: 48.509 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

Tgt Ion: 78 Resp: 534492
Ion Ratio Lower Upper
78 100
77 22.7 20.0 30.0



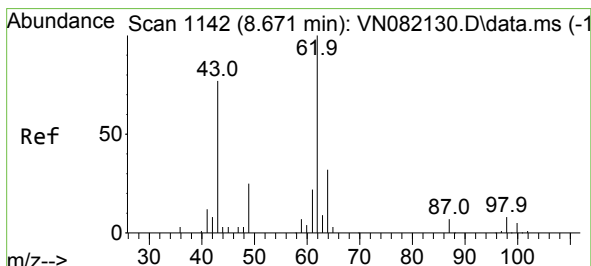
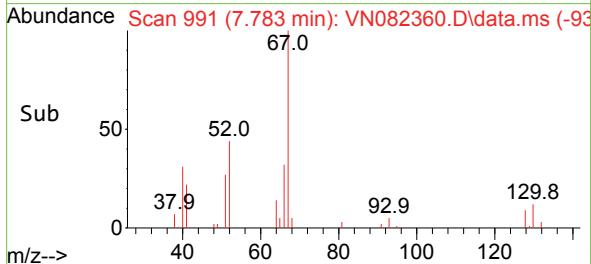
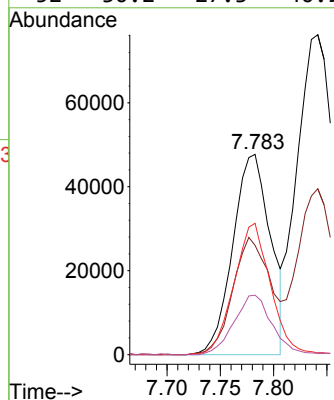
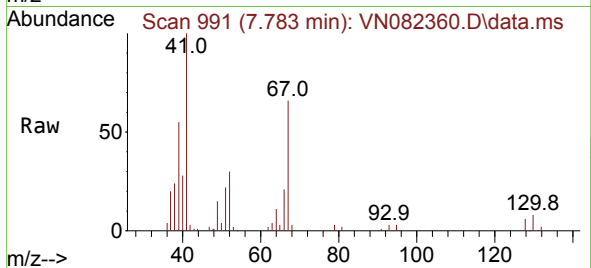


#41
Methacrylonitrile
Concen: 48.228 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 117287

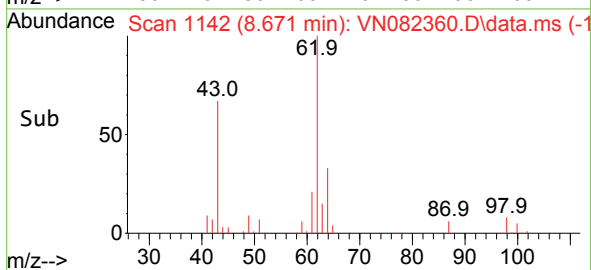
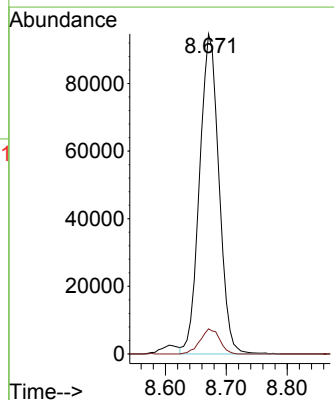
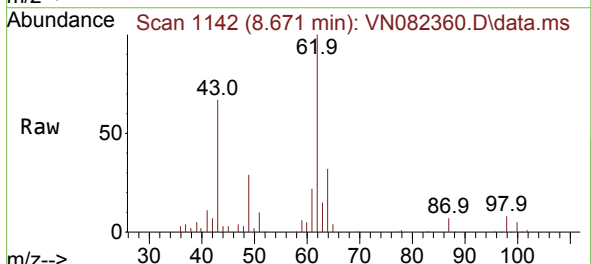
Ion	Ratio	Lower	Upper
41	100		
39	58.5	46.6	69.8
67	64.0	67.3	100.9
52	30.2	27.3	40.9

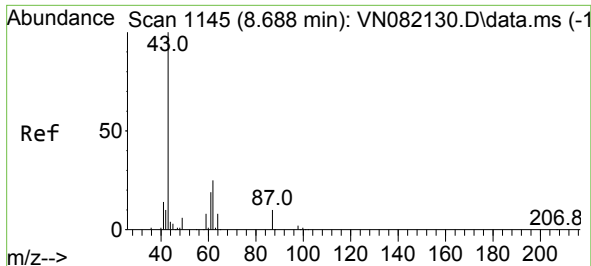


#42
1,2-Dichloroethane
Concen: 49.528 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

Tgt Ion: 62 Resp: 209884

Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	19.6

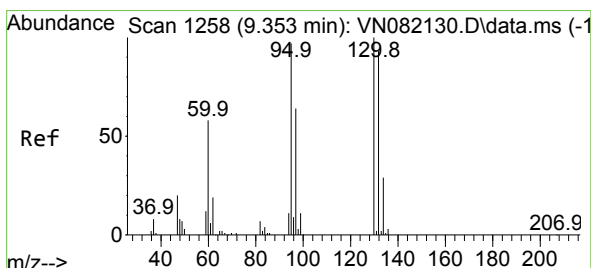
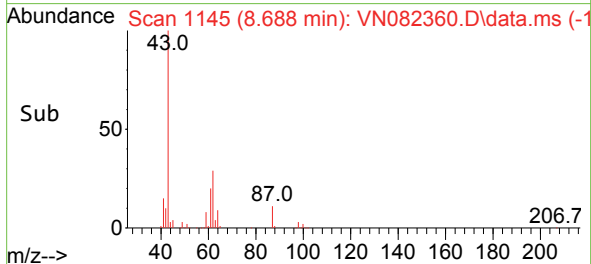
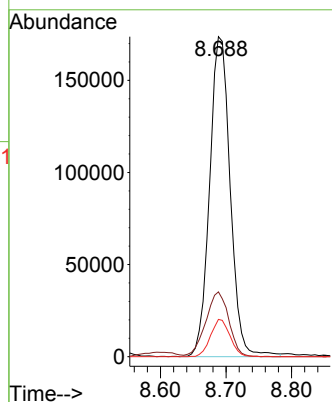
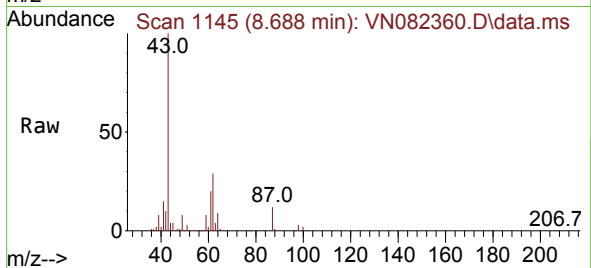




#43
Isopropyl Acetate
Concen: 51.754 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

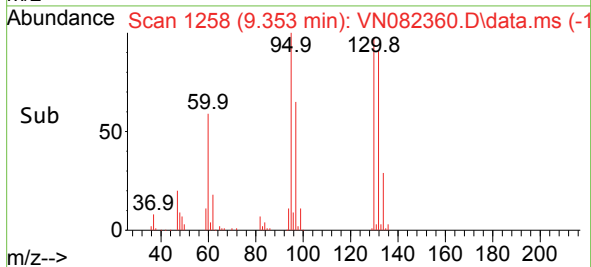
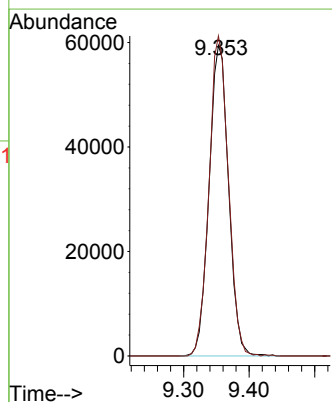
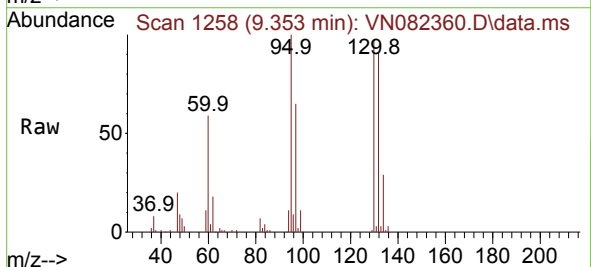
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

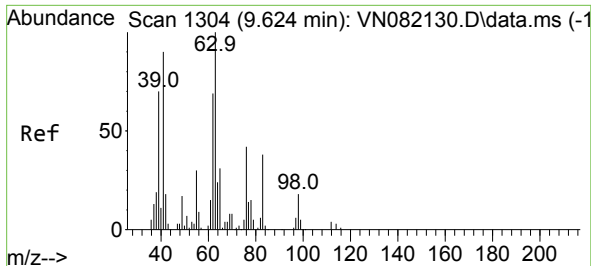
Tgt Ion: 43 Resp: 379212
Ion Ratio Lower Upper
43 100
61 22.7 22.8 34.2#
87 11.0 12.0 18.0#



#44
Trichloroethene
Concen: 49.073 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

Tgt Ion:130 Resp: 122825
Ion Ratio Lower Upper
130 100
95 103.1 0.0 195.4





#45

1,2-Dichloropropane

Concen: 48.071 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN082360.D

Acq: 28 May 2024 20:33

Instrument :

MSVOA_N

ClientSampleId :

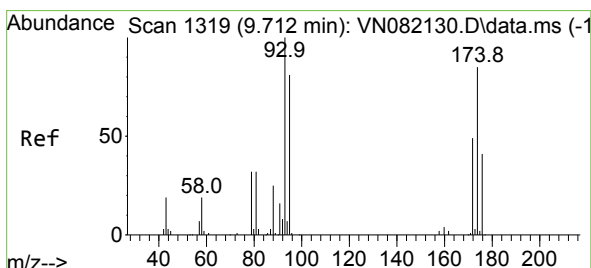
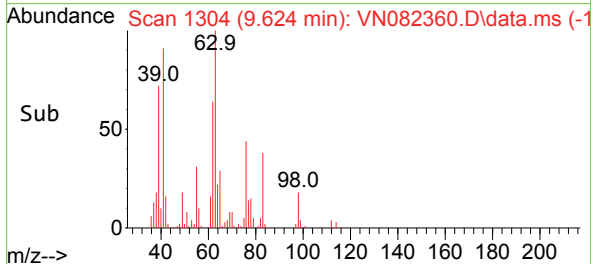
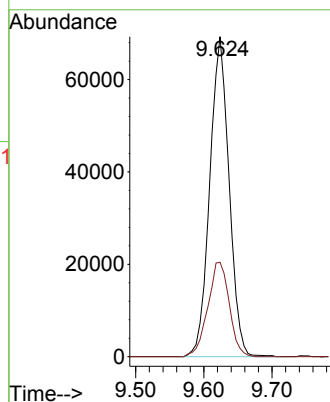
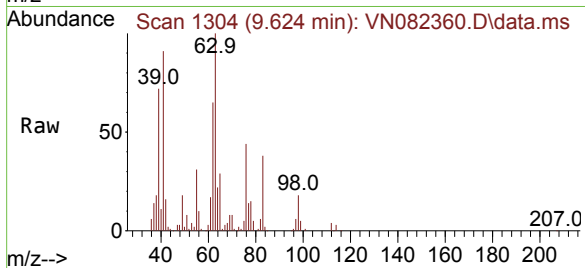
VSTDCCC050EC

Tgt Ion: 63 Resp: 136662

Ion Ratio Lower Upper

63 100

65 29.5 24.1 36.1



#46

Dibromomethane

Concen: 51.177 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN082360.D

Acq: 28 May 2024 20:33

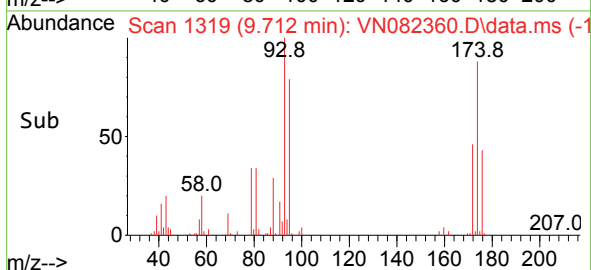
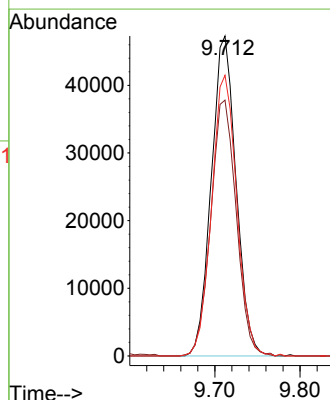
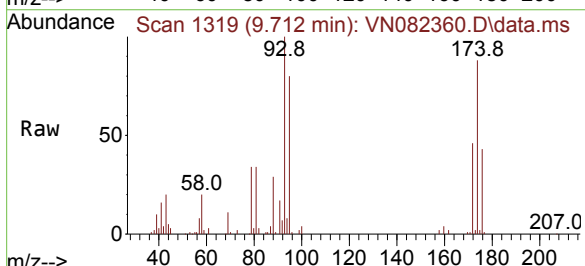
Tgt Ion: 93 Resp: 95519

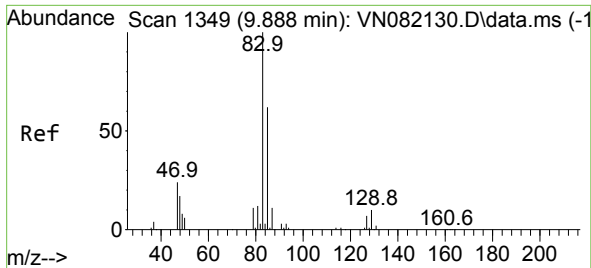
Ion Ratio Lower Upper

93 100

95 82.0 64.8 97.2

174 89.2 73.4 110.0

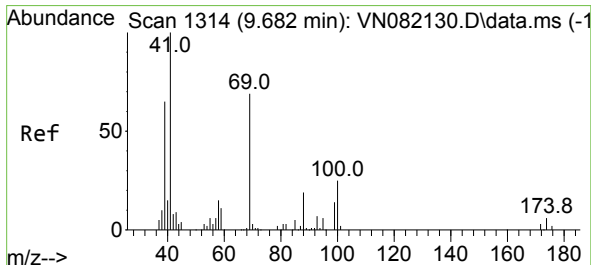
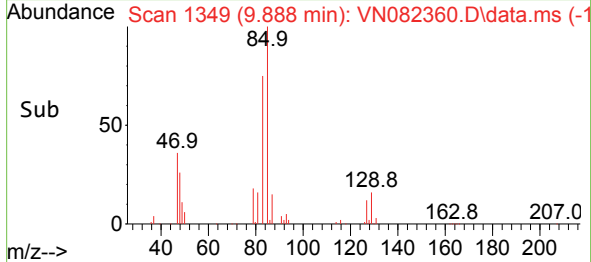
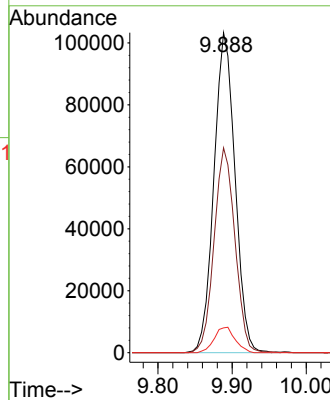
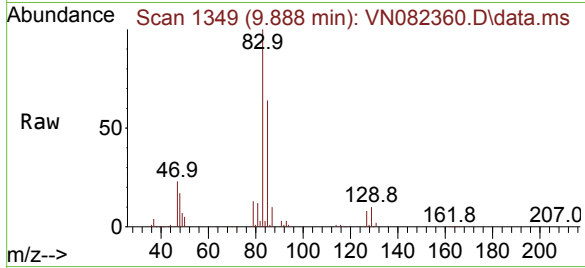




#47
Bromodichloromethane
Concen: 51.804 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

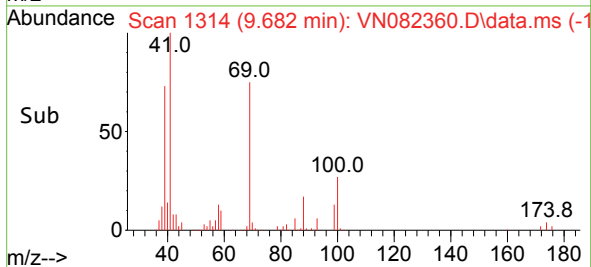
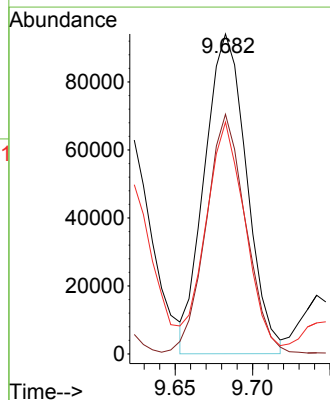
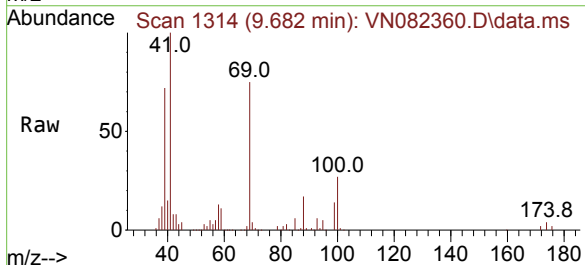
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

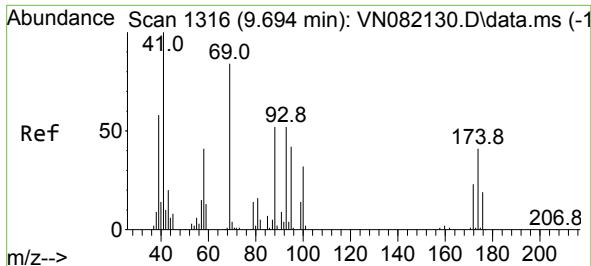
Tgt Ion: 83 Resp: 204119
Ion Ratio Lower Upper
83 100
85 64.0 51.9 77.9
127 7.7 7.5 11.3



#48
Methyl methacrylate
Concen: 50.783 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

Tgt Ion: 41 Resp: 177303
Ion Ratio Lower Upper
41 100
69 71.5 77.9 116.9#
39 68.5 50.9 76.3

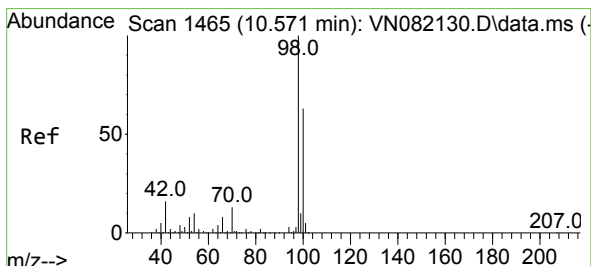
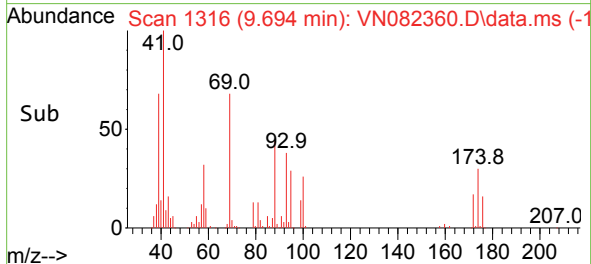
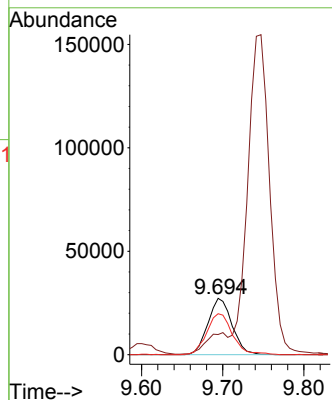
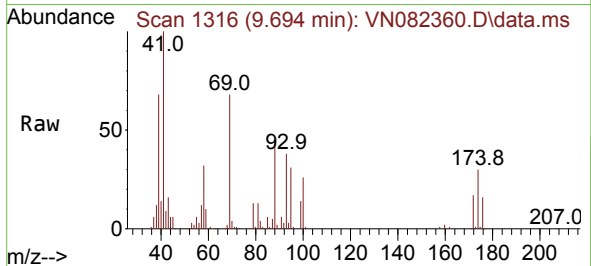




#49
1,4-Dioxane
Concen: 1144.245 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

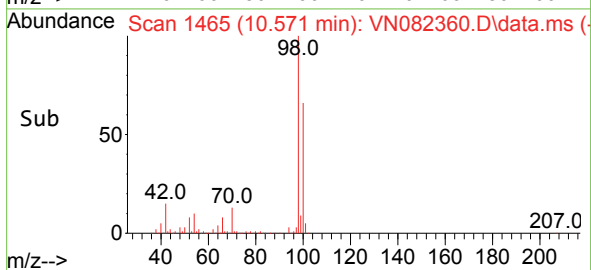
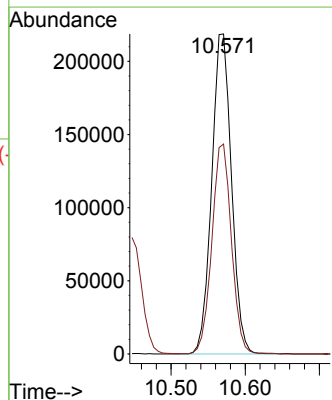
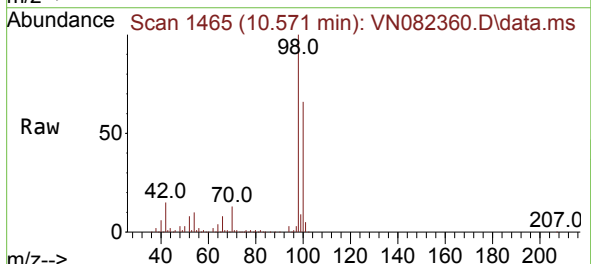
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

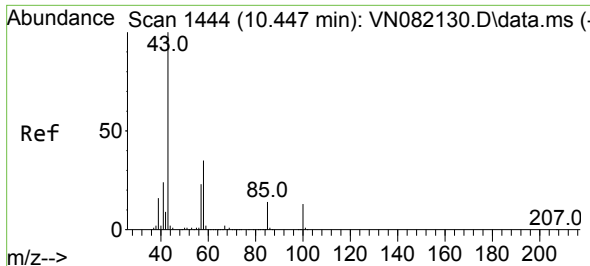
Tgt Ion: 88 Resp: 55981
Ion Ratio Lower Upper
88 100
43 34.4 19.0 28.6#
58 77.8 50.6 76.0#



#50
Toluene-d8
Concen: 48.002 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

Tgt Ion: 98 Resp: 405455
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6

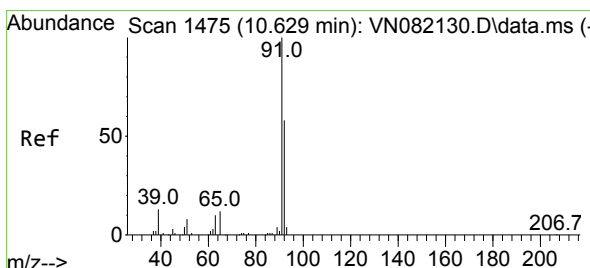
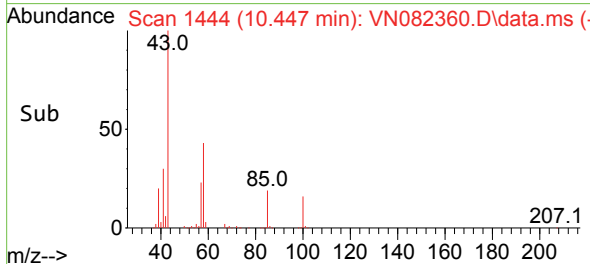
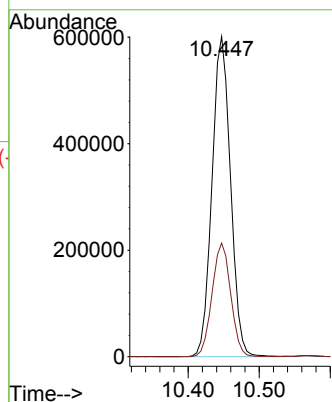
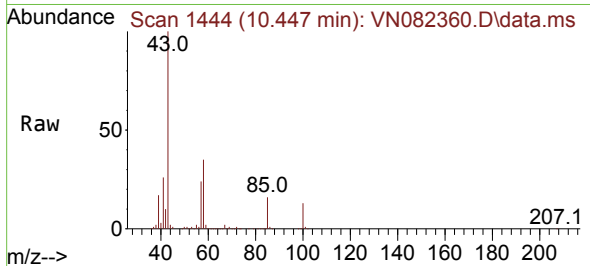




#51
4-Methyl-2-Pentanone
Concen: 260.812 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

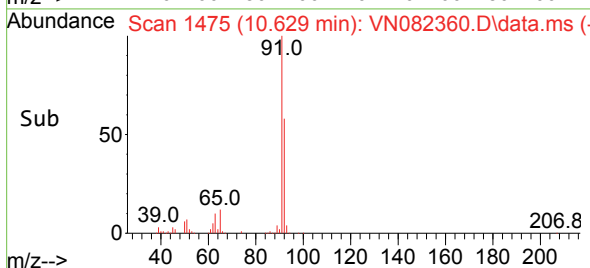
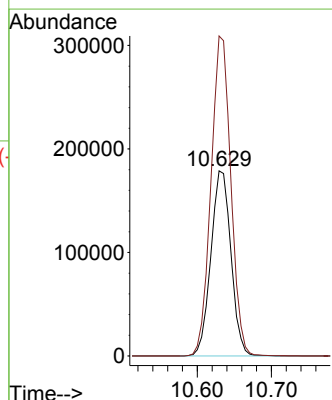
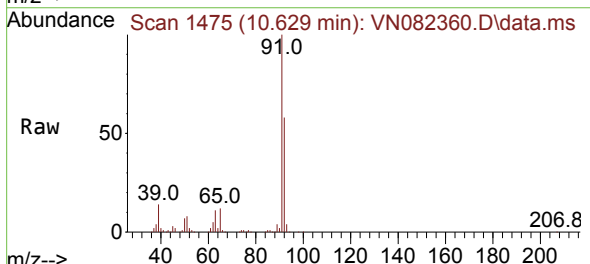
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

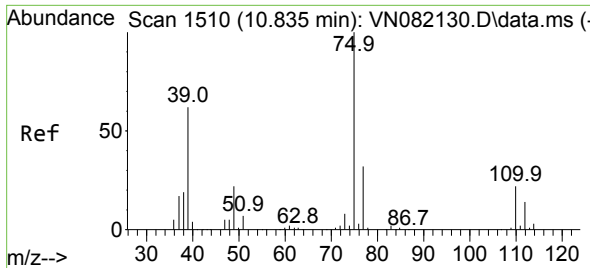
Tgt Ion: 43 Resp: 1085774
Ion Ratio Lower Upper
43 100
58 35.8 33.2 49.8



#52
Toluene
Concen: 50.850 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

Tgt Ion: 92 Resp: 336235
Ion Ratio Lower Upper
92 100
91 171.3 136.7 205.1

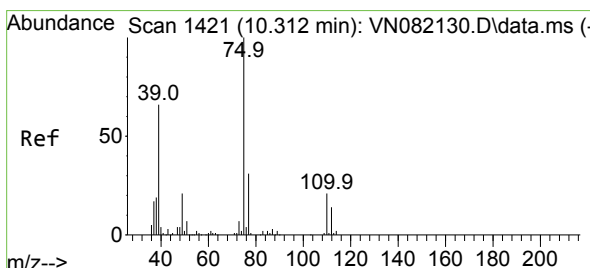
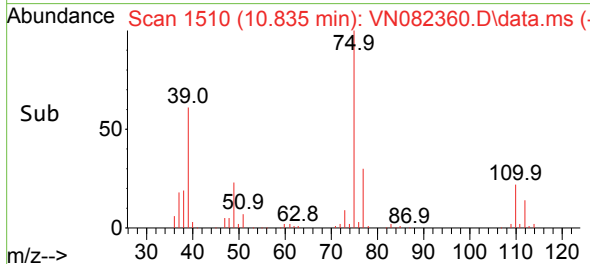
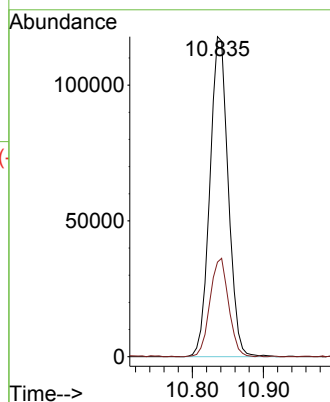
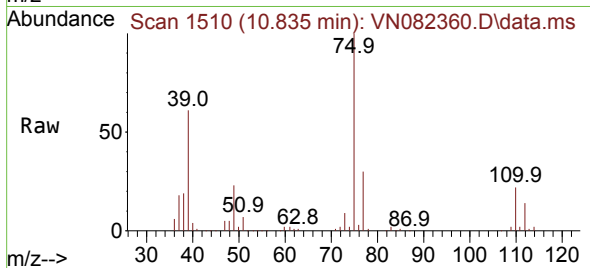




#53
 t-1,3-Dichloropropene
 Concen: 51.905 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN082360.D
 Acq: 28 May 2024 20:33

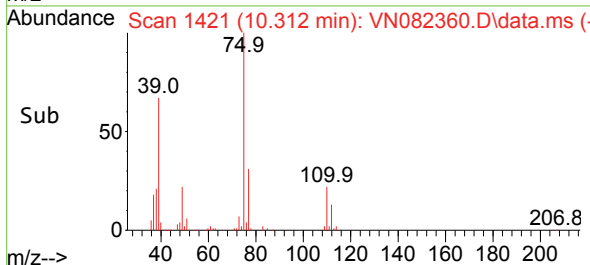
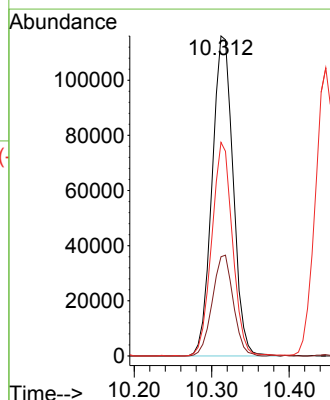
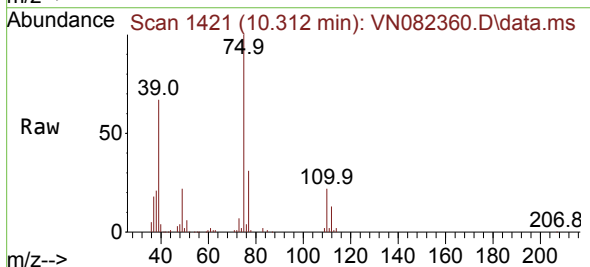
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

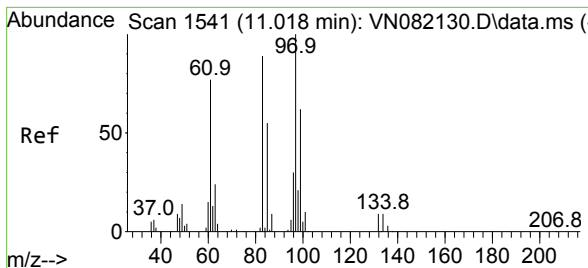
Tgt Ion: 75 Resp: 211517
 Ion Ratio Lower Upper
 75 100
 77 29.6 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 50.735 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN082360.D
 Acq: 28 May 2024 20:33

Tgt Ion: 75 Resp: 218848
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.0 37.4
 39 66.7 34.8 52.2#





#55

1,1,2-Trichloroethane

Concen: 52.574 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN082360.D

Acq: 28 May 2024 20:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 126332

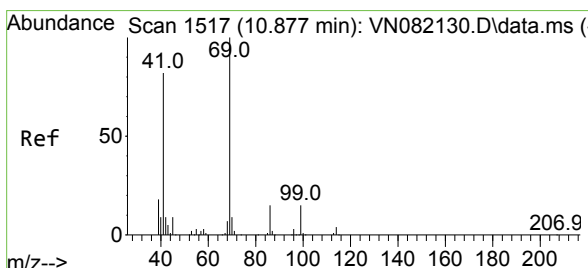
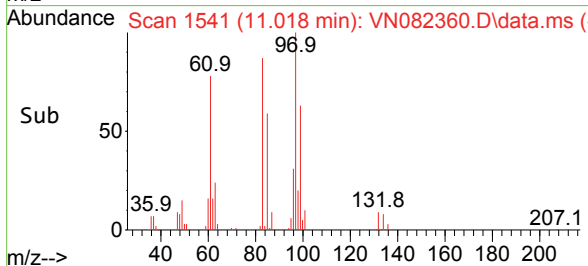
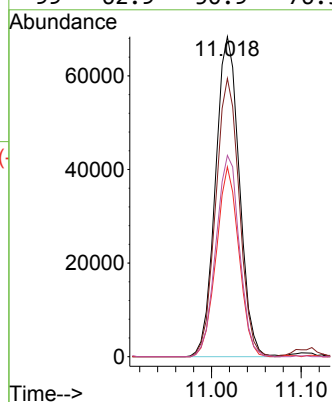
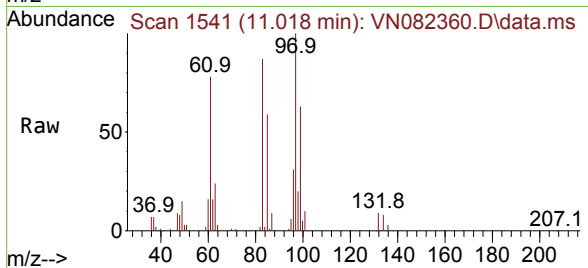
Ion Ratio Lower Upper

97 100

83 87.0 70.4 105.6

85 59.3 45.6 68.4

99 62.9 50.9 76.3



#56

Ethyl methacrylate

Concen: 55.945 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN082360.D

Acq: 28 May 2024 20:33

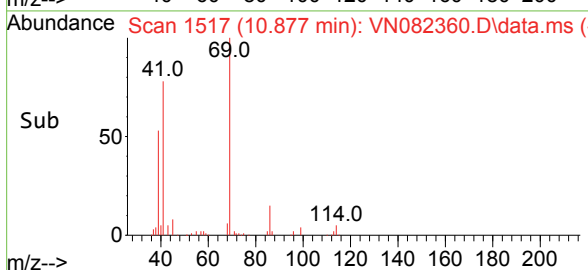
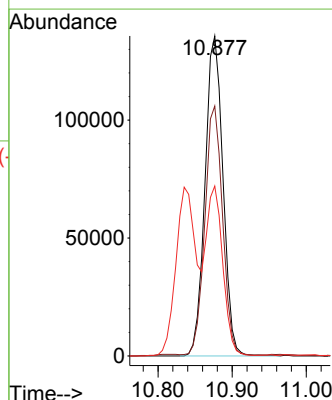
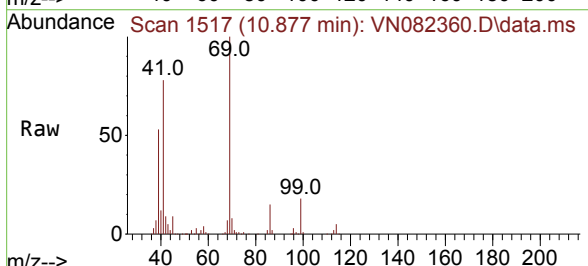
Tgt Ion: 69 Resp: 228236

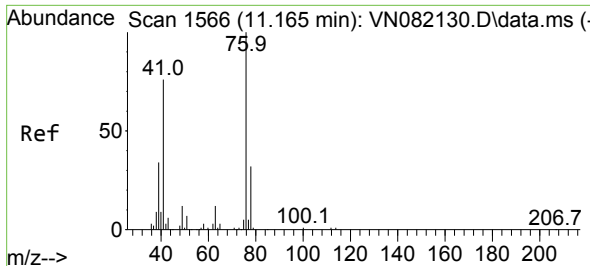
Ion Ratio Lower Upper

69 100

41 76.7 46.6 70.0#

39 48.0 26.5 39.7#





#57

1,3-Dichloropropane

Concen: 49.797 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN082360.D

Acq: 28 May 2024 20:33

Instrument :

MSVOA_N

ClientSampleId :

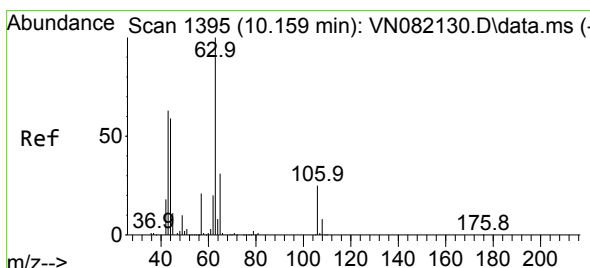
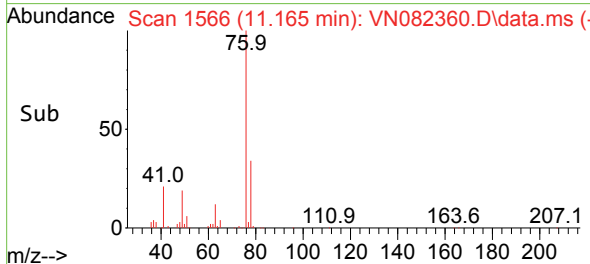
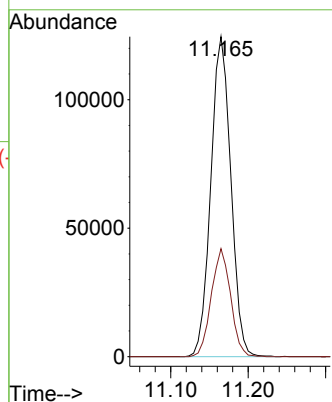
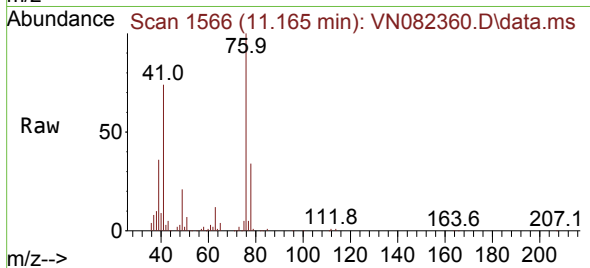
VSTDCCC050EC

Tgt Ion: 76 Resp: 223727

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 255.863 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN082360.D

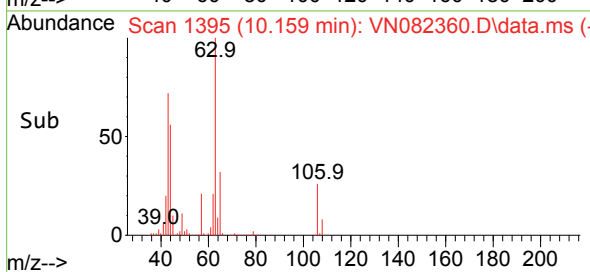
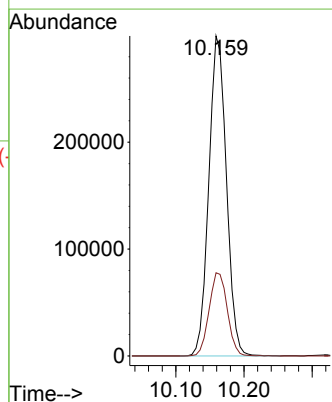
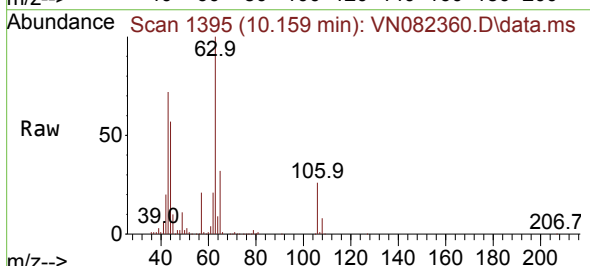
Acq: 28 May 2024 20:33

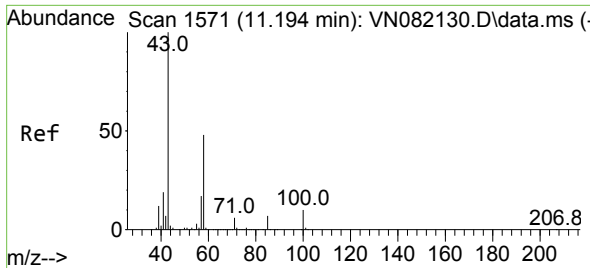
Tgt Ion: 63 Resp: 538413

Ion Ratio Lower Upper

63 100

106 26.8 24.6 36.8

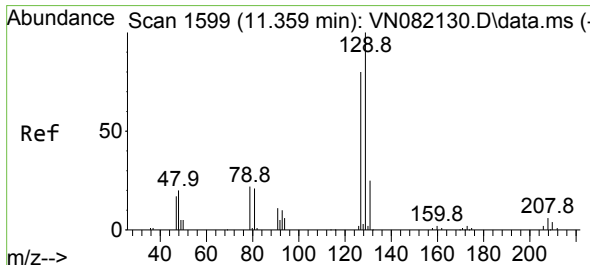
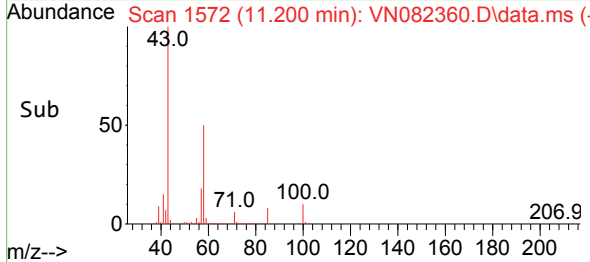
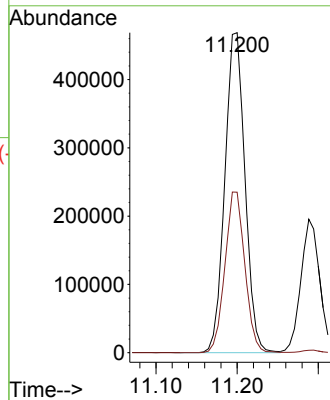
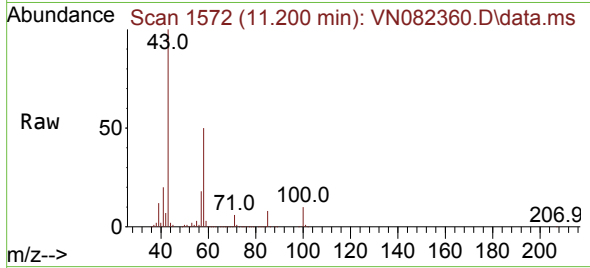




#59
2-Hexanone
Concen: 265.513 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

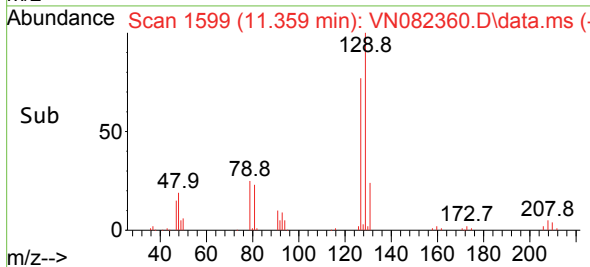
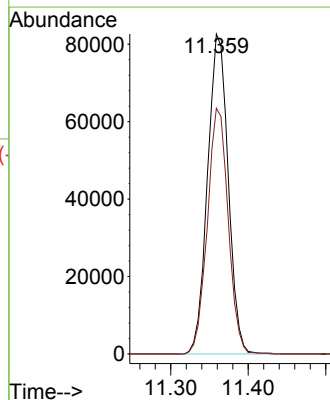
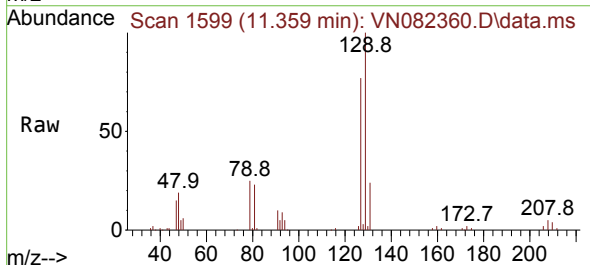
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

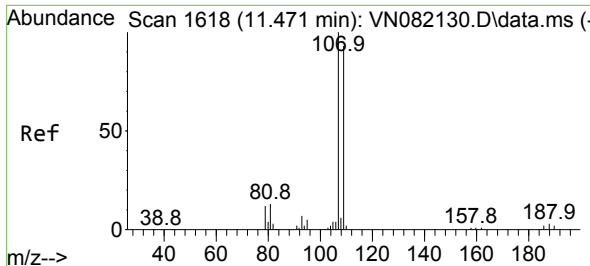
Tgt Ion: 43 Resp: 809340
Ion Ratio Lower Upper
43 100
58 49.6 28.3 84.9



#60
Dibromochloromethane
Concen: 57.628 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

Tgt Ion: 129 Resp: 152816
Ion Ratio Lower Upper
129 100
127 77.4 38.3 114.8

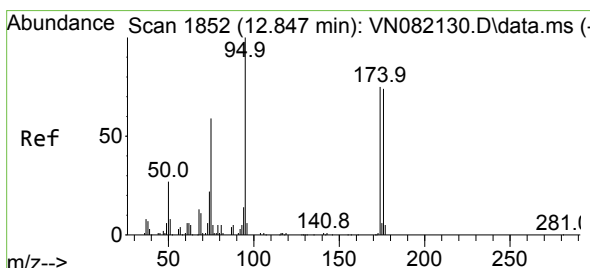
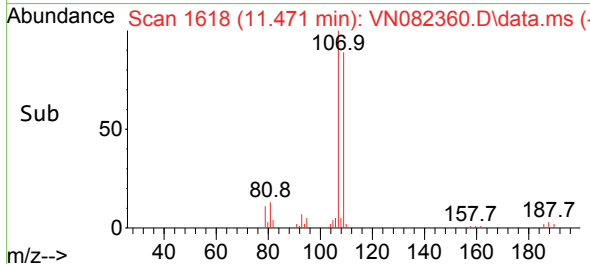
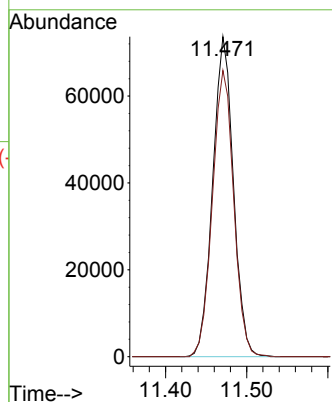
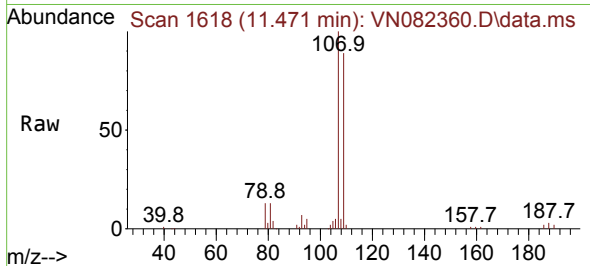




#61
1,2-Dibromoethane
Concen: 52.842 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

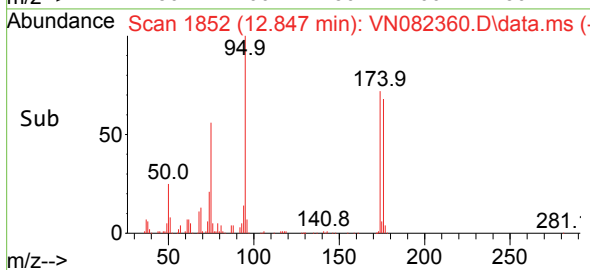
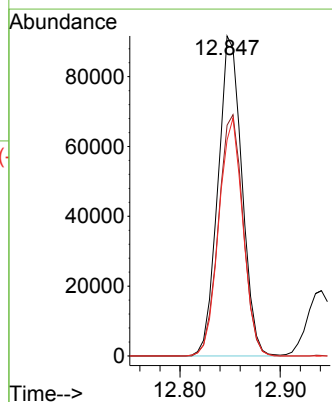
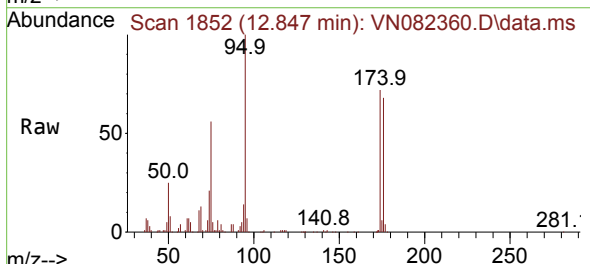
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

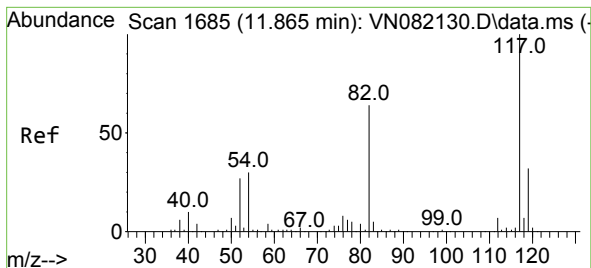
Tgt Ion:107 Resp: 130421
Ion Ratio Lower Upper
107 100
109 92.1 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 50.536 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

Tgt Ion: 95 Resp: 152354
Ion Ratio Lower Upper
95 100
174 77.3 0.0 160.6
176 74.7 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: VN082360.D

Acq: 28 May 2024 20:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

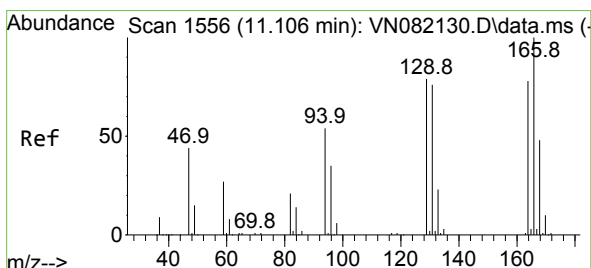
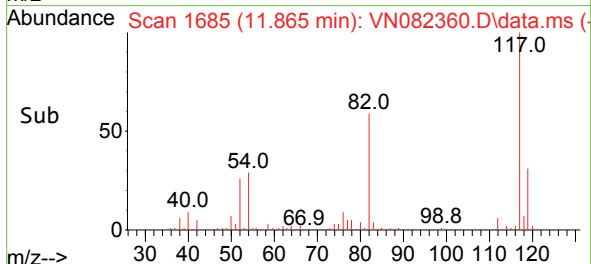
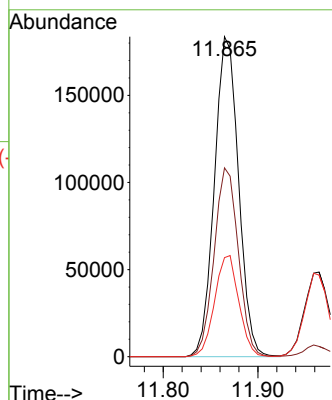
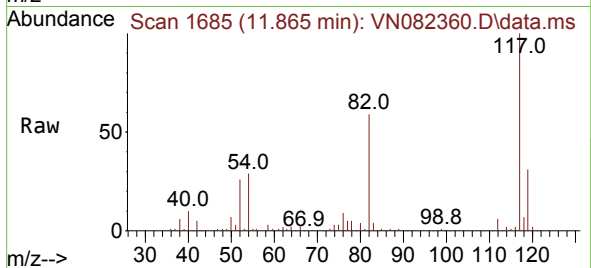
Tgt Ion:117 Resp: 325710

Ion Ratio Lower Upper

117 100

82 59.0 44.6 66.8

119 31.0 25.9 38.9



#64

Tetrachloroethene

Concen: 49.151 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN082360.D

Acq: 28 May 2024 20:33

Tgt Ion:164 Resp: 118659

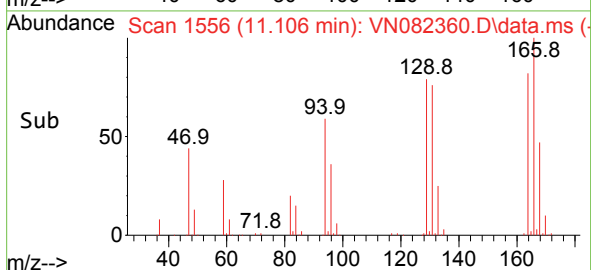
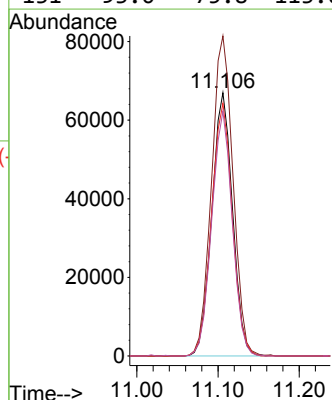
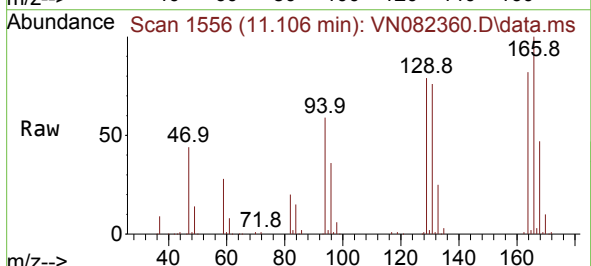
Ion Ratio Lower Upper

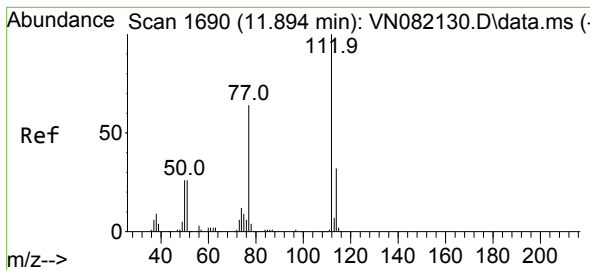
164 100

166 121.6 97.6 146.4

129 96.0 73.7 110.5

131 93.0 75.8 113.6

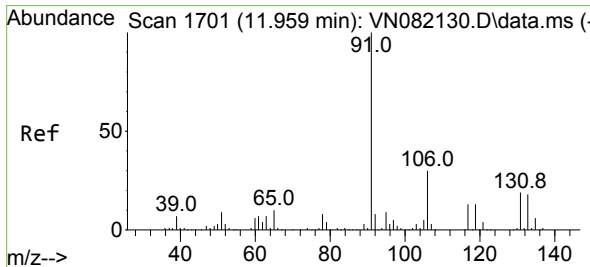
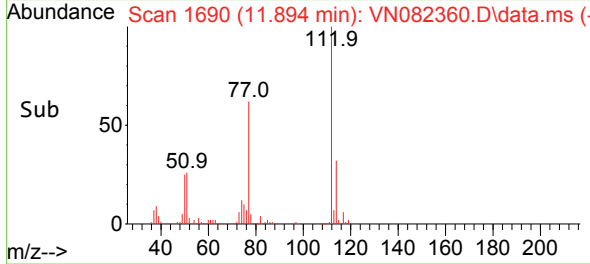
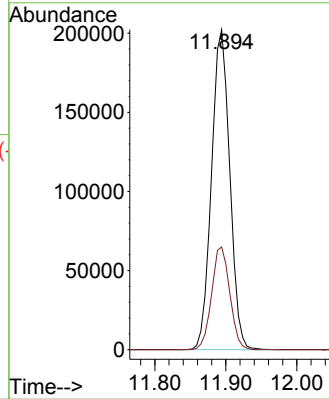
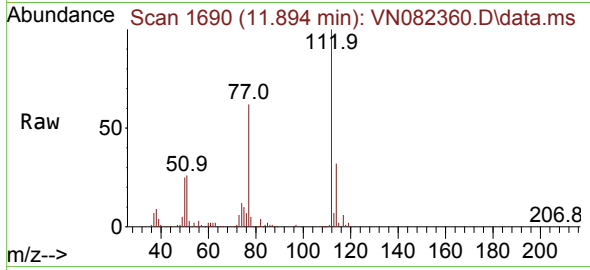




#65
Chlorobenzene
Concen: 50.089 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

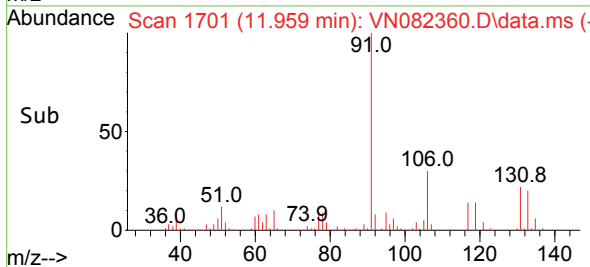
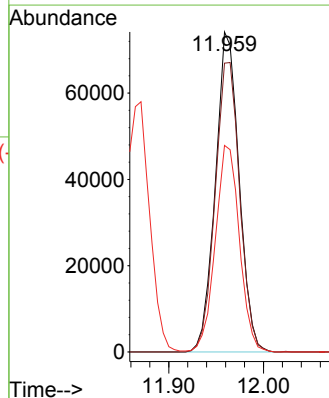
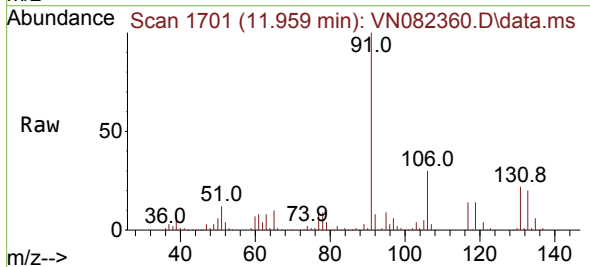
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

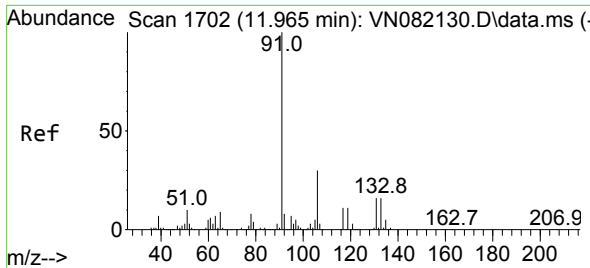
Tgt Ion:112 Resp: 360407
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 54.420 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

Tgt Ion:131 Resp: 128982
Ion Ratio Lower Upper
131 100
133 94.0 47.5 142.6
119 65.8 32.9 98.7

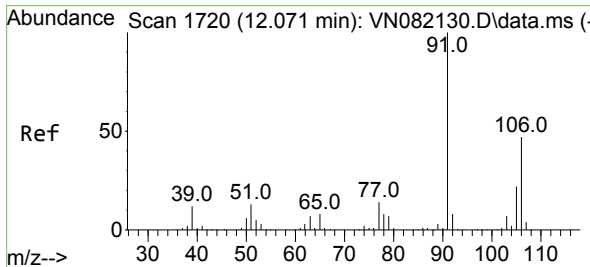
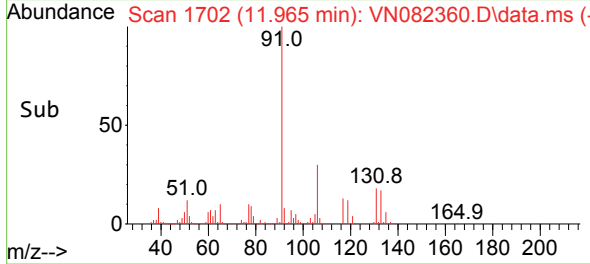
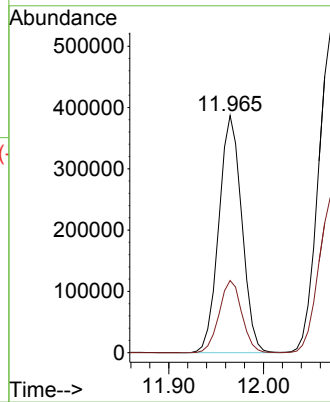
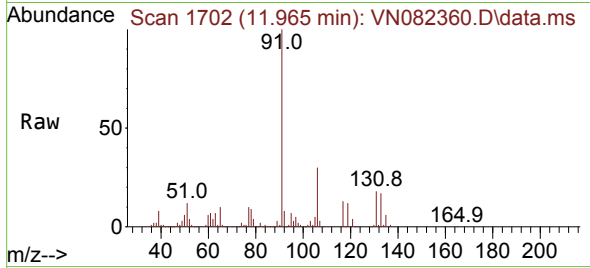




#67
Ethyl Benzene
Concen: 50.632 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

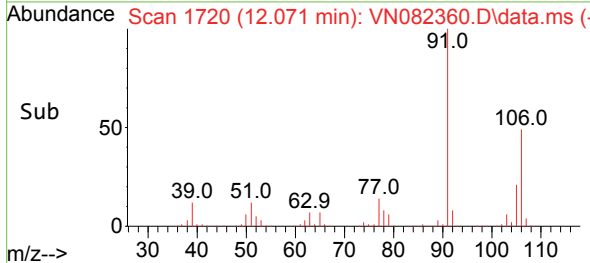
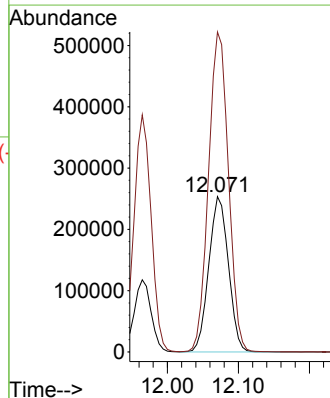
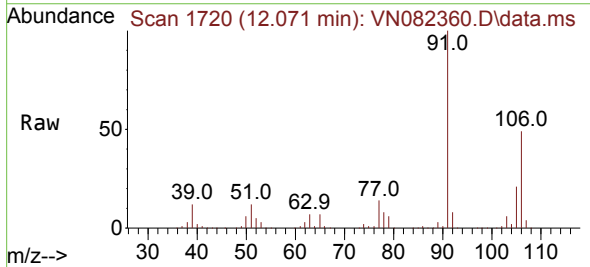
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

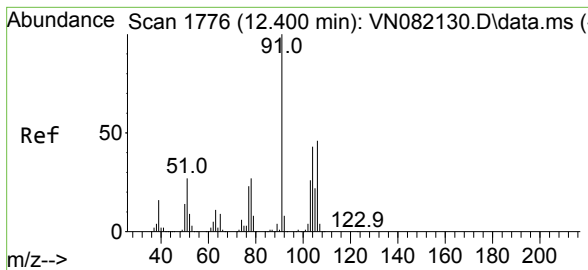
Tgt Ion: 91 Resp: 651712
Ion Ratio Lower Upper
91 100
106 30.4 25.3 37.9



#68
m/p-Xylenes
Concen: 103.197 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

Tgt Ion:106 Resp: 486832
Ion Ratio Lower Upper
106 100
91 208.7 159.4 239.0

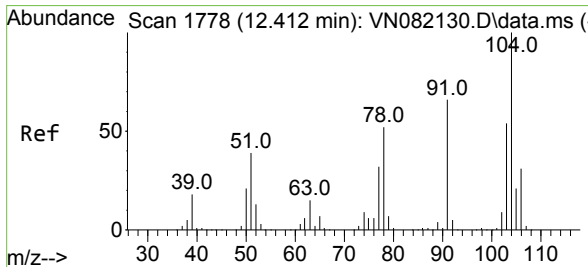
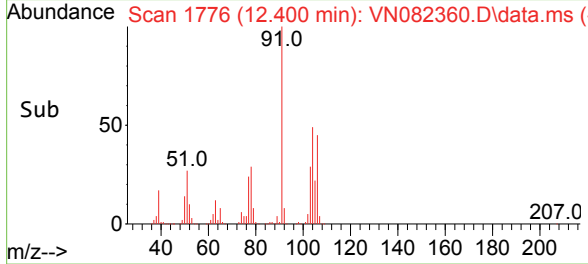
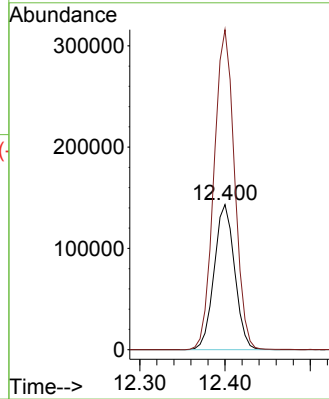
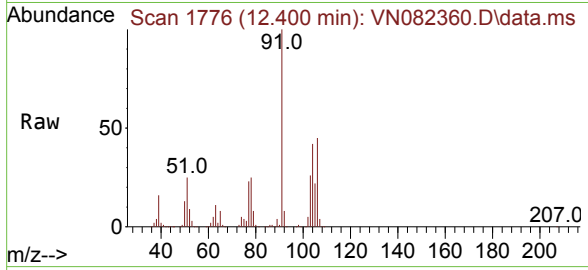




#69
o-Xylene
Concen: 52.405 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

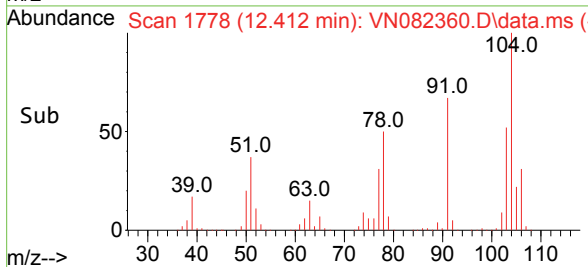
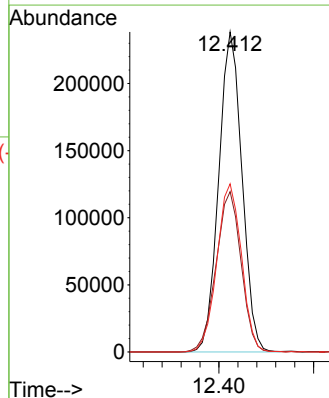
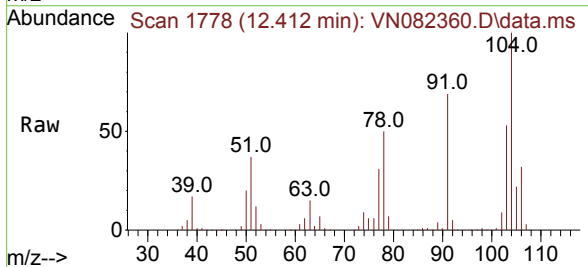
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

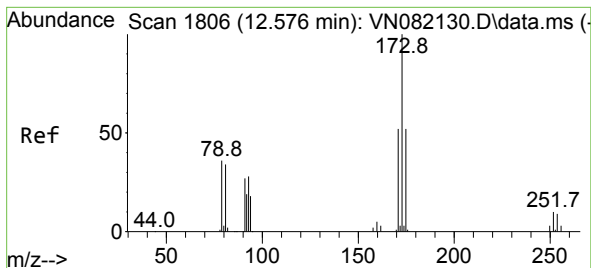
Tgt Ion:106 Resp: 239474
Ion Ratio Lower Upper
106 100
91 221.8 104.7 314.1



#70
Styrene
Concen: 53.618 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

Tgt Ion:104 Resp: 406982
Ion Ratio Lower Upper
104 100
78 54.0 38.6 58.0
103 55.5 43.8 65.6





#71

Bromoform

Concen: 55.684 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN082360.D

Acq: 28 May 2024 20:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

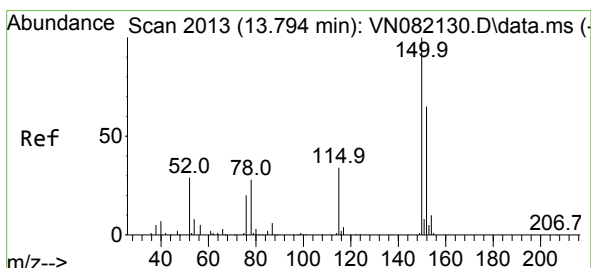
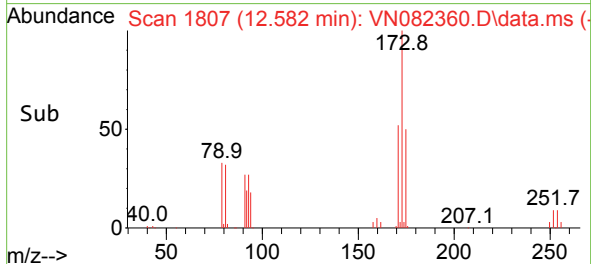
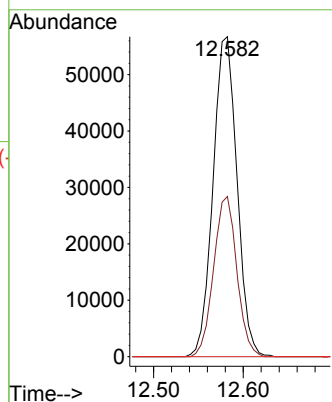
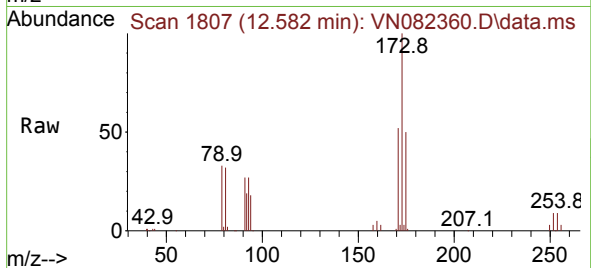
Tgt Ion:173 Resp: 105120

Ion Ratio Lower Upper

173 100

175 48.6 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: VN082360.D

Acq: 28 May 2024 20:33

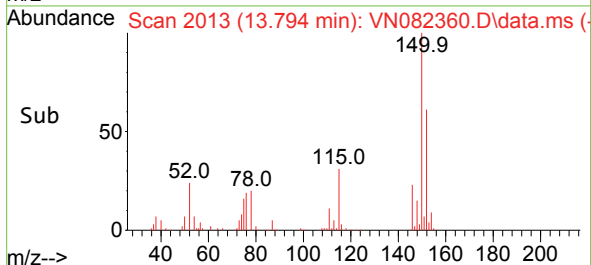
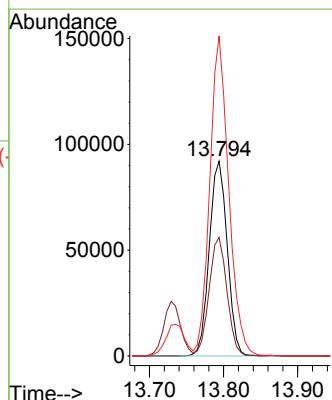
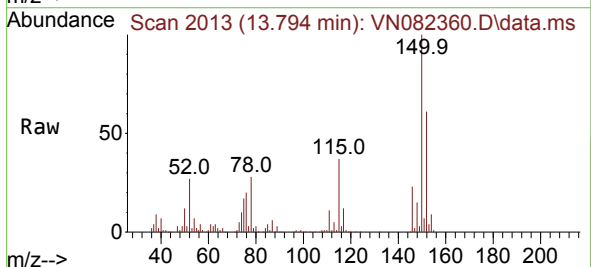
Tgt Ion:152 Resp: 155223

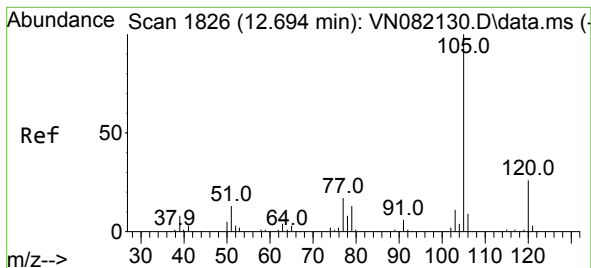
Ion Ratio Lower Upper

152 100

115 60.5 30.4 91.3

150 172.7 0.0 353.2





#73

Isopropylbenzene

Concen: 50.642 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN082360.D

Acq: 28 May 2024 20:33

Instrument :

MSVOA_N

ClientSampleId :

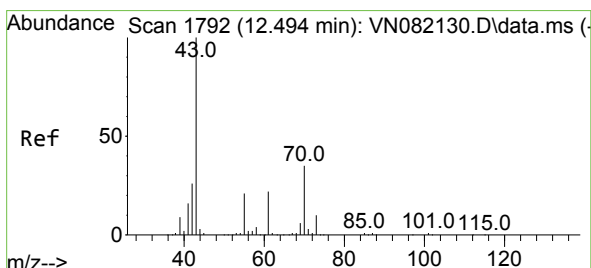
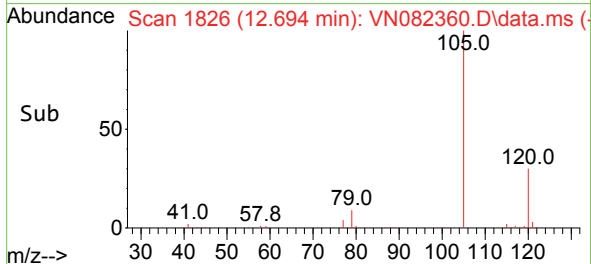
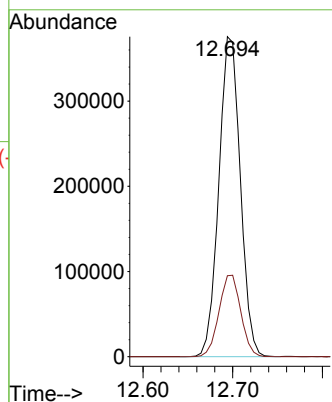
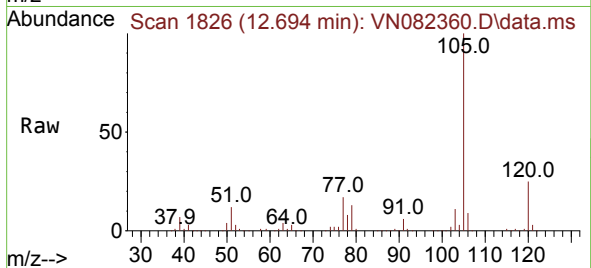
VSTDCCC050EC

Tgt Ion:105 Resp: 624503

Ion Ratio Lower Upper

105 100

120 25.8 13.4 40.1



#74

N-ethyl acetate

Concen: 49.261 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN082360.D

Acq: 28 May 2024 20:33

Tgt Ion: 43 Resp: 334139

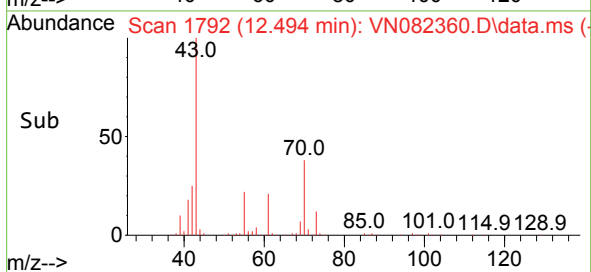
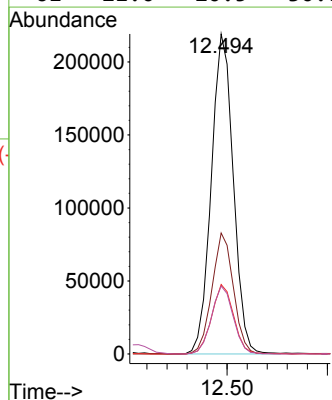
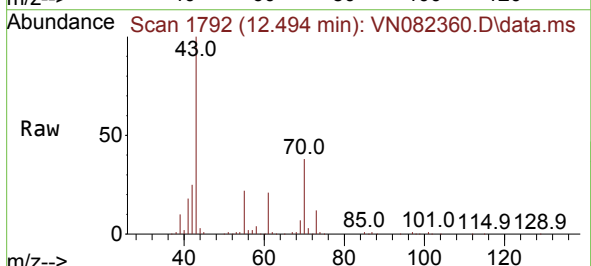
Ion Ratio Lower Upper

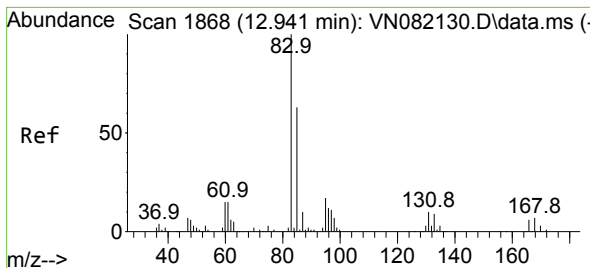
43 100

70 36.9 39.0 58.4#

55 21.7 21.3 31.9

61 21.0 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 50.671 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN082360.D

Acq: 28 May 2024 20:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

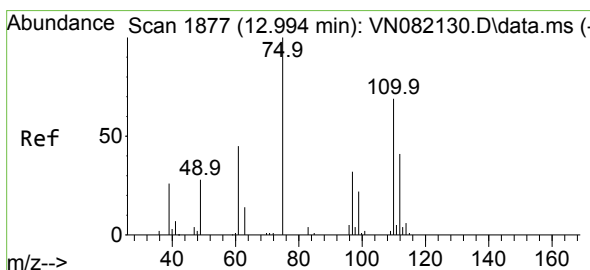
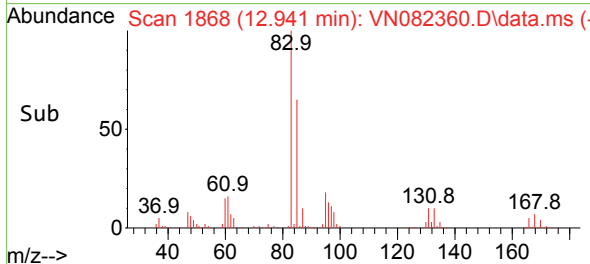
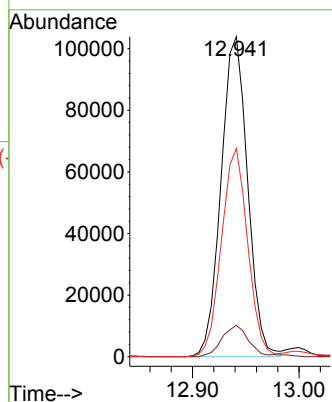
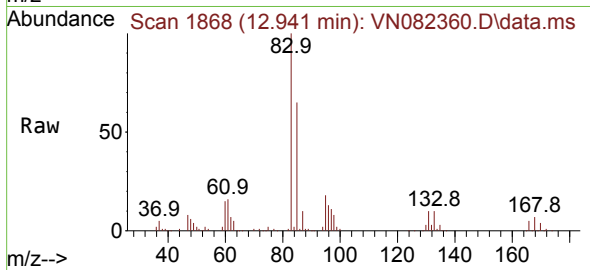
Tgt Ion: 83 Resp: 180123

Ion Ratio Lower Upper

83 100

131 10.1 5.5 16.4

85 64.3 32.9 98.6



#76

1,2,3-Trichloropropane

Concen: 78.113 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN082360.D

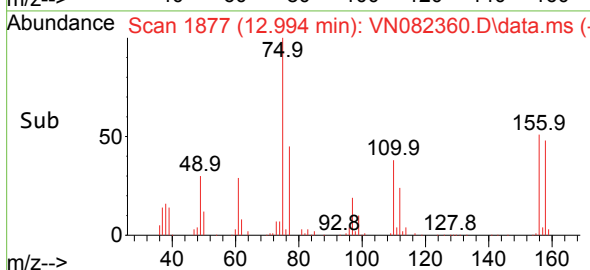
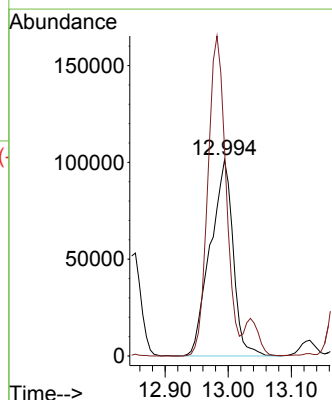
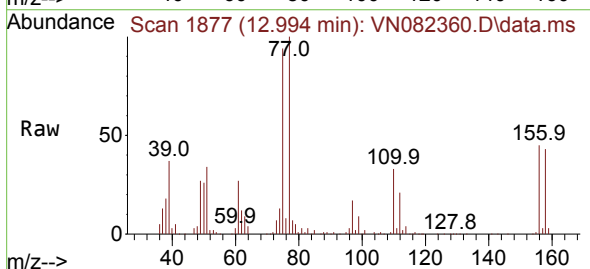
Acq: 28 May 2024 20:33

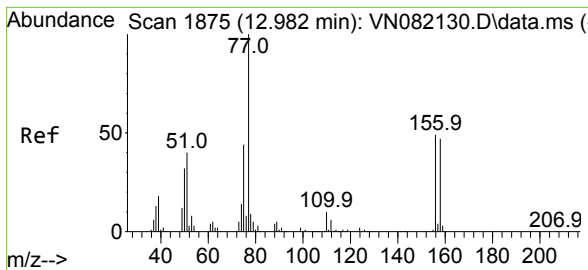
Tgt Ion: 75 Resp: 255201

Ion Ratio Lower Upper

75 100

77 128.5 90.5 271.3

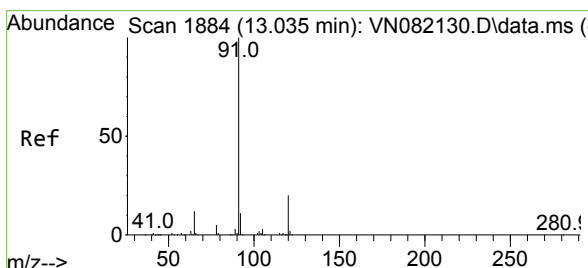
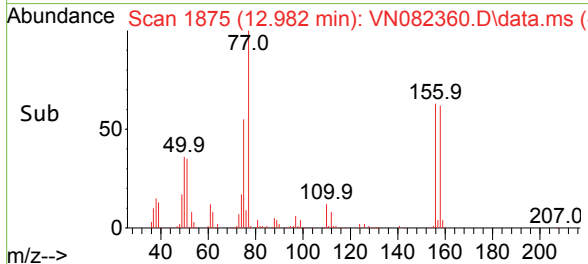
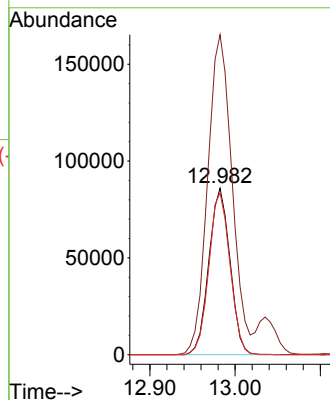
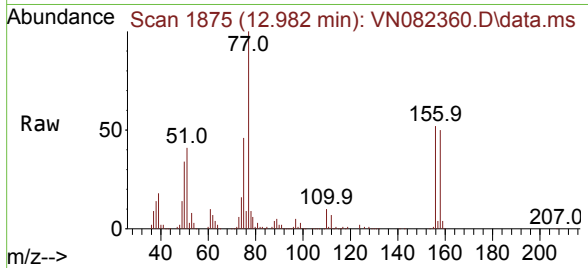




#77
Bromobenzene
Concen: 50.547 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

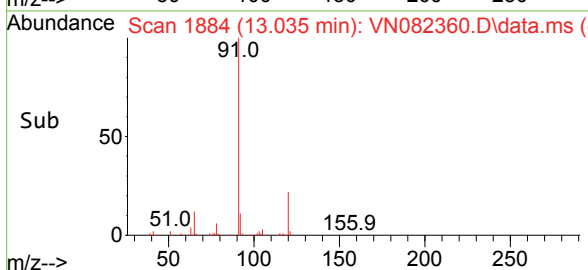
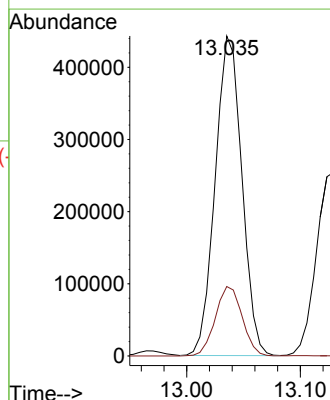
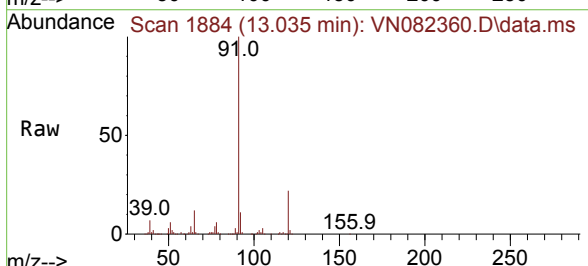
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

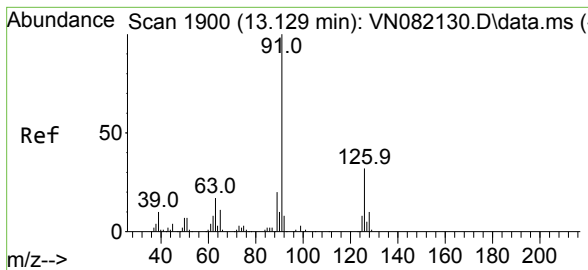
Tgt Ion:156 Resp: 148546
Ion Ratio Lower Upper
156 100
77 220.8 100.2 300.6
158 96.7 49.1 147.3



#78
n-propylbenzene
Concen: 49.503 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

Tgt Ion: 91 Resp: 722873
Ion Ratio Lower Upper
91 100
120 21.9 11.7 35.0

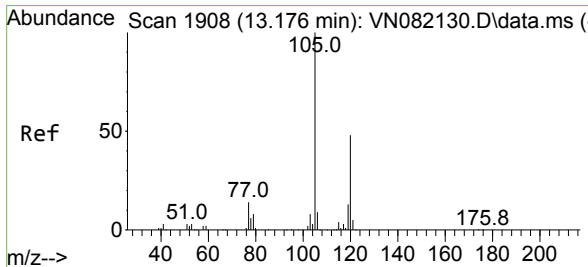
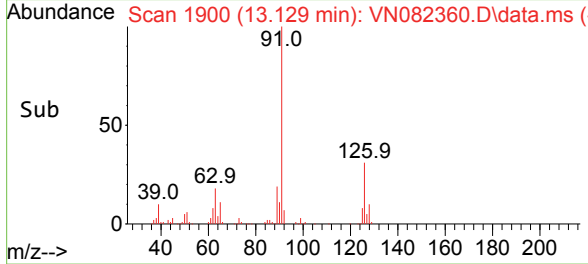
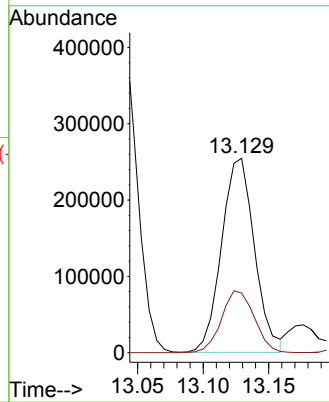
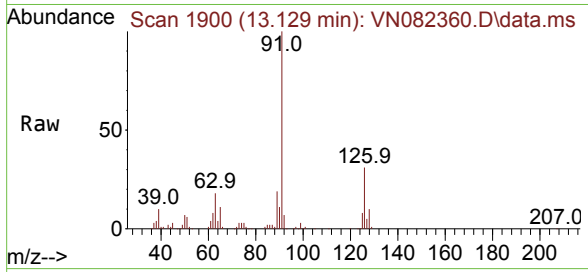




#79
2-Chlorotoluene
Concen: 48.494 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

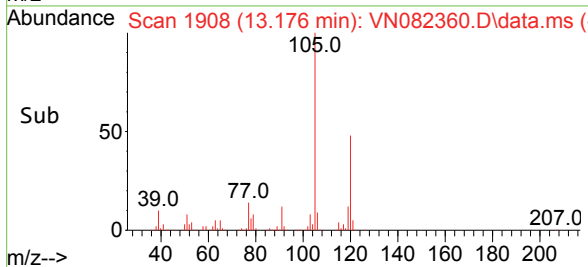
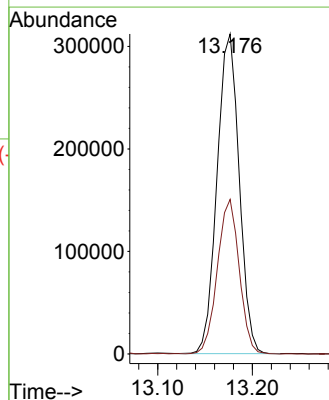
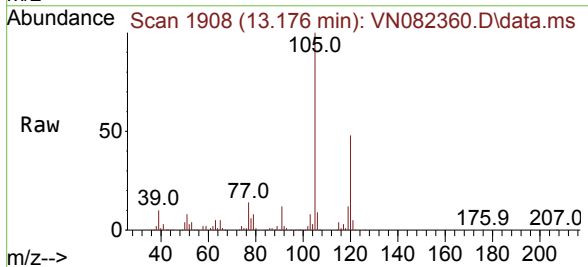
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

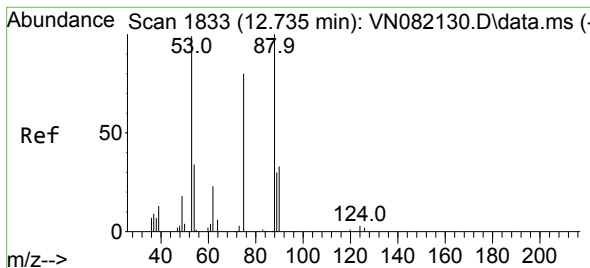
Tgt Ion: 91 Resp: 444667
Ion Ratio Lower Upper
91 100
126 31.7 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 50.736 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

Tgt Ion: 105 Resp: 505898
Ion Ratio Lower Upper
105 100
120 47.8 24.8 74.3

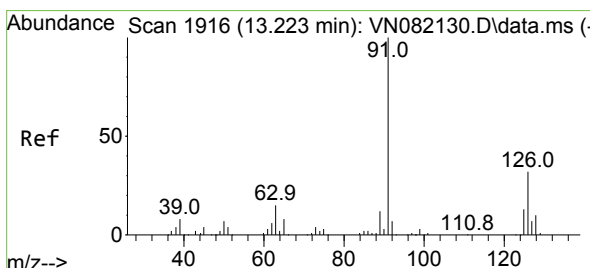
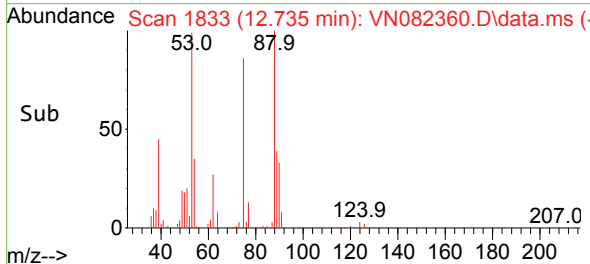
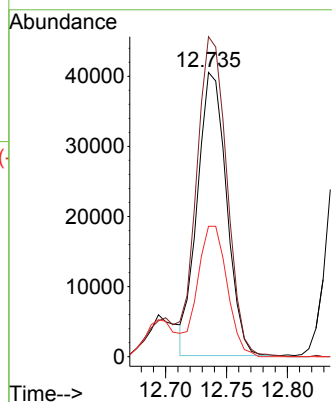
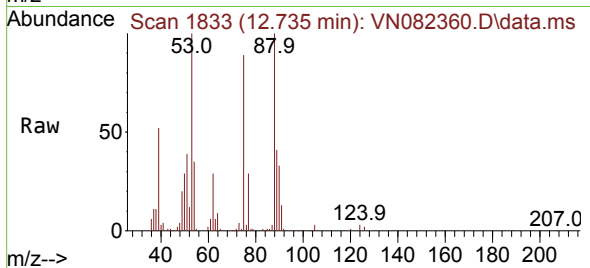




#81
trans-1,4-Dichloro-2-butene
Concen: 48.229 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

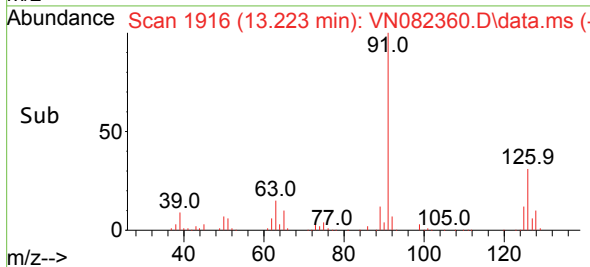
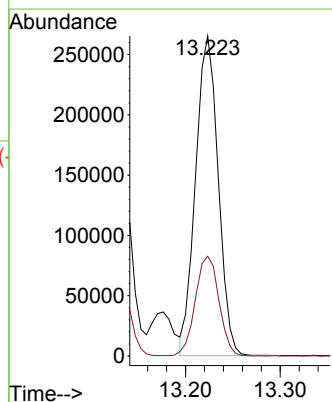
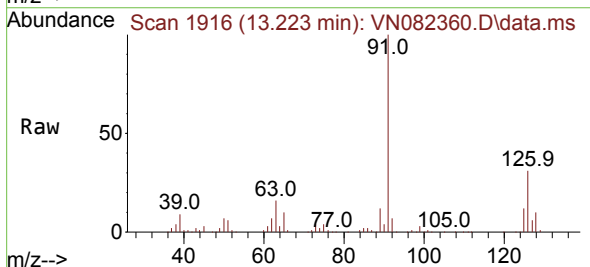
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

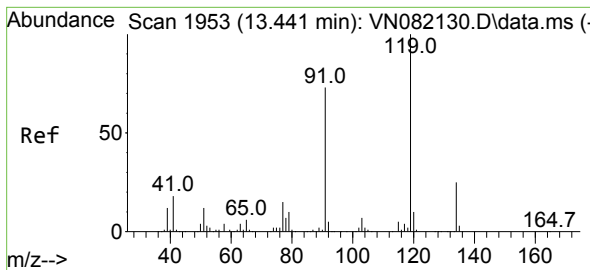
Tgt Ion: 75 Resp: 67367
Ion Ratio Lower Upper
75 100
53 131.3 72.9 109.3#
89 47.1 39.1 58.7



#82
4-Chlorotoluene
Concen: 49.032 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

Tgt Ion: 91 Resp: 439591
Ion Ratio Lower Upper
91 100
126 32.7 17.4 52.3

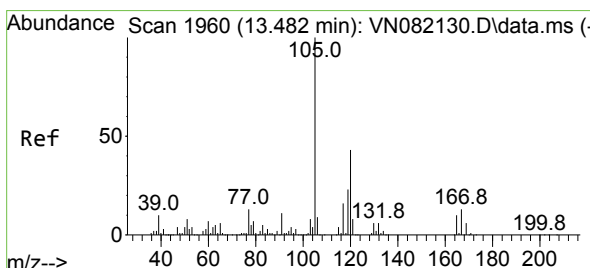
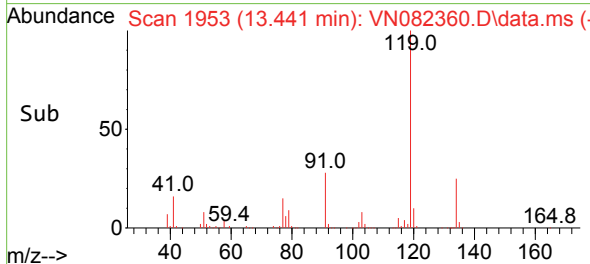
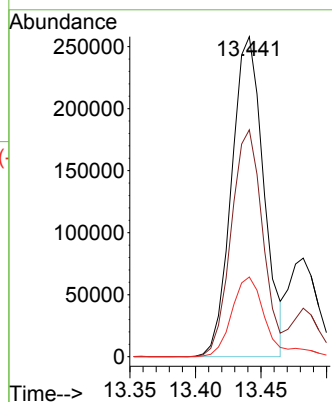
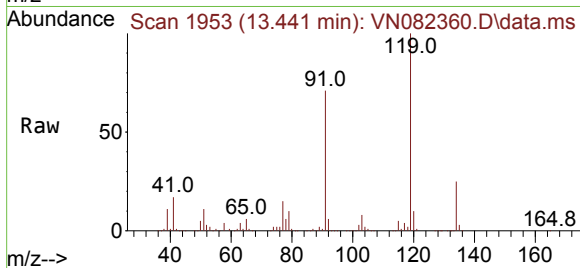




#83
 tert-Butylbenzene
 Concen: 50.525 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN082360.D
 Acq: 28 May 2024 20:33

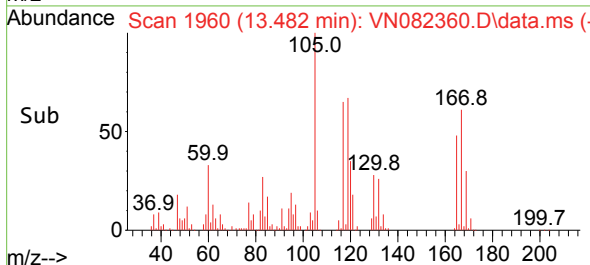
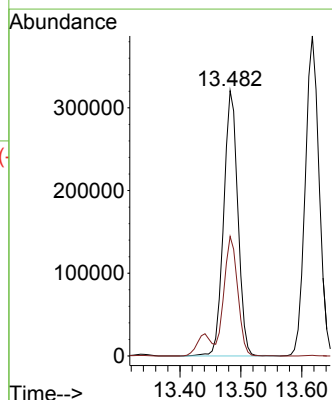
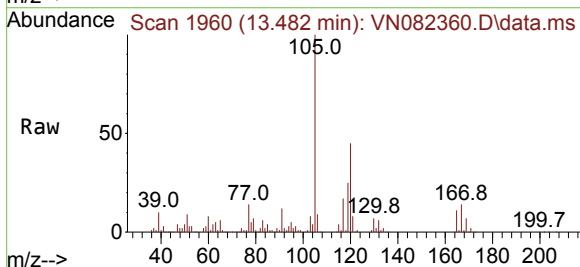
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

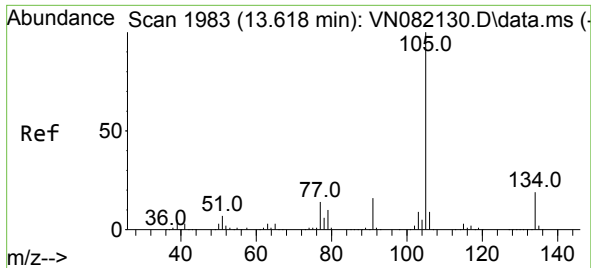
Tgt Ion:119 Resp: 440744
 Ion Ratio Lower Upper
 119 100
 91 69.4 32.6 97.8
 134 26.6 12.4 37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 50.923 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN082360.D
 Acq: 28 May 2024 20:33

Tgt Ion:105 Resp: 519489
 Ion Ratio Lower Upper
 105 100
 120 43.1 22.9 68.7

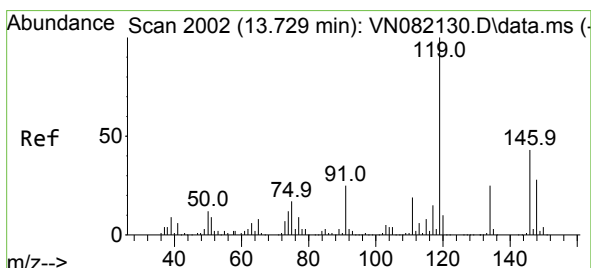
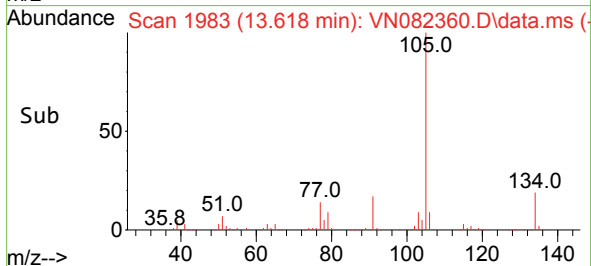
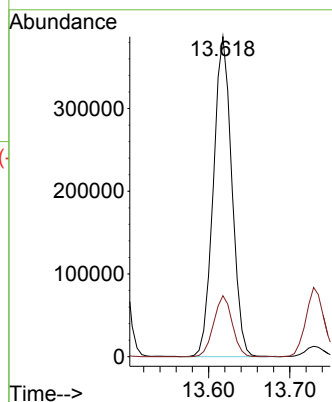
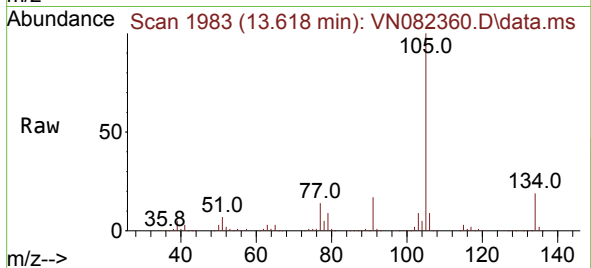




#85
 sec-Butylbenzene
 Concen: 50.512 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN082360.D
 Acq: 28 May 2024 20:33

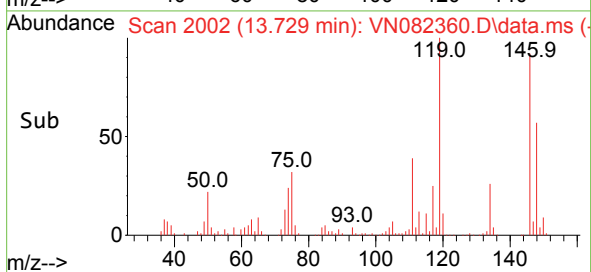
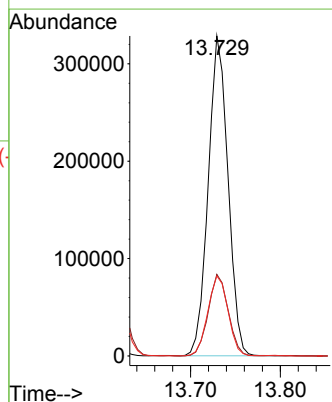
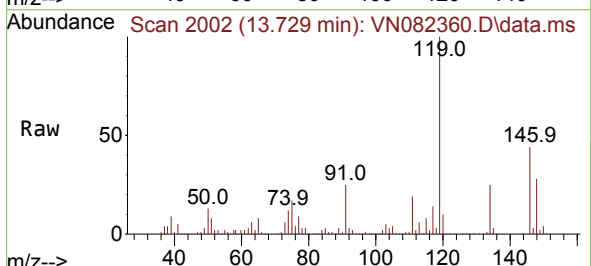
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

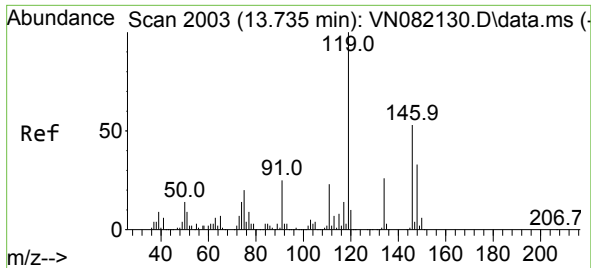
Tgt Ion:105 Resp: 610751
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 51.147 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN082360.D
 Acq: 28 May 2024 20:33

Tgt Ion:119 Resp: 502605
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.2 39.5
 91 25.4 11.8 35.3

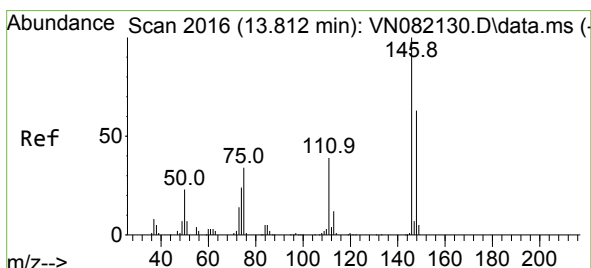
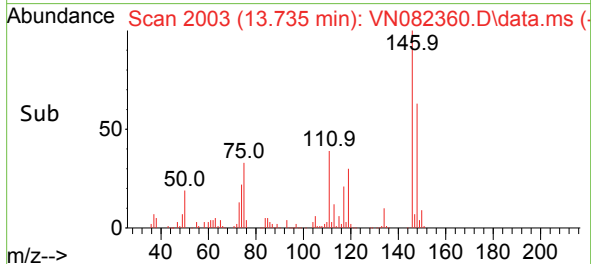
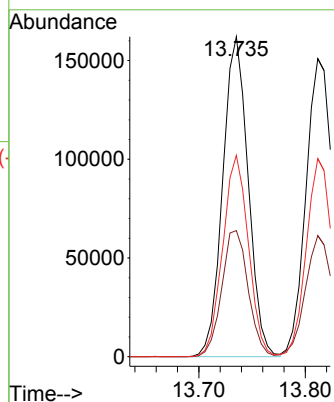
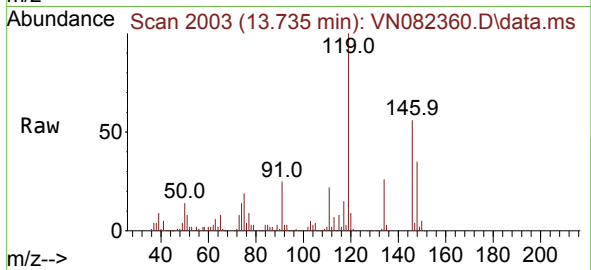




#87
1,3-Dichlorobenzene
Concen: 50.417 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

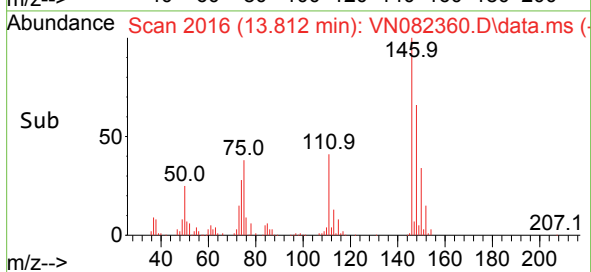
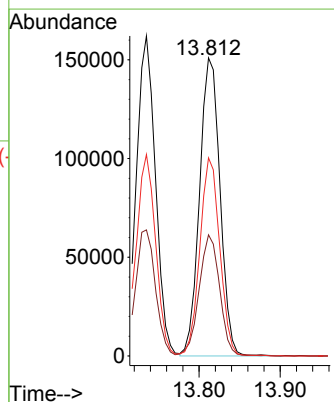
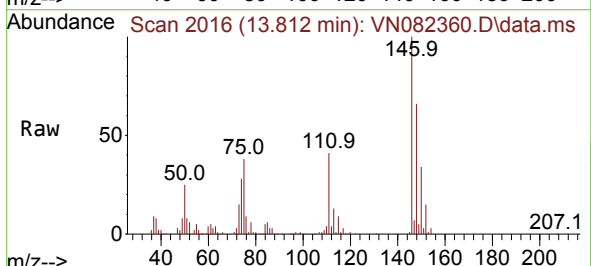
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

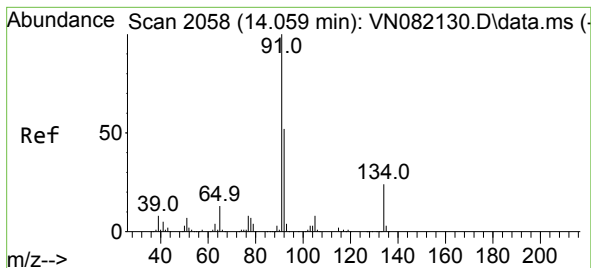
Tgt Ion:146 Resp: 268429
Ion Ratio Lower Upper
146 100
111 40.9 20.8 62.5
148 63.4 32.1 96.3



#88
1,4-Dichlorobenzene
Concen: 48.727 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN082360.D
Acq: 28 May 2024 20:33

Tgt Ion:146 Resp: 264782
Ion Ratio Lower Upper
146 100
111 40.8 19.3 57.9
148 64.6 31.3 93.9





#89

n-Butylbenzene

Concen: 49.145 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN082360.D

Acq: 28 May 2024 20:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

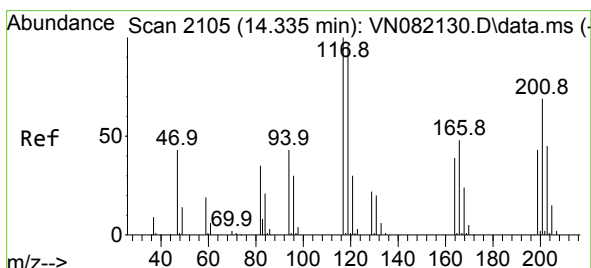
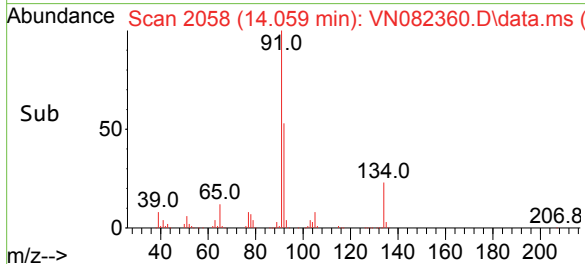
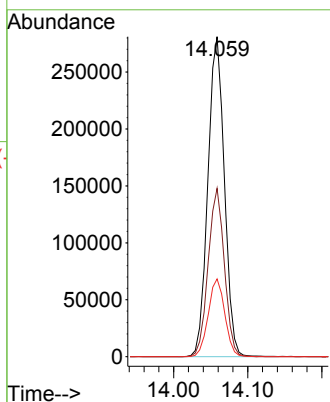
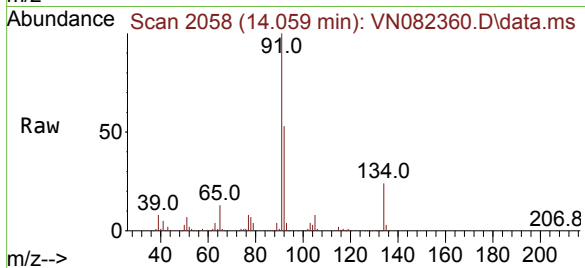
Tgt Ion: 91 Resp: 434060

Ion Ratio Lower Upper

91 100

92 51.7 26.2 78.5

134 24.4 13.2 39.5



#90

Hexachloroethane

Concen: 51.893 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN082360.D

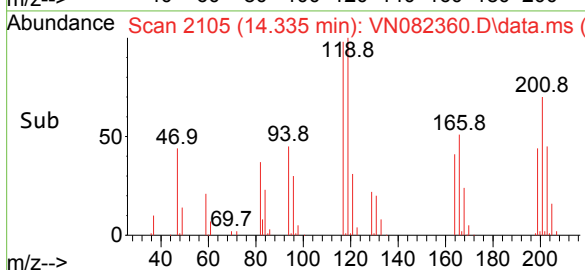
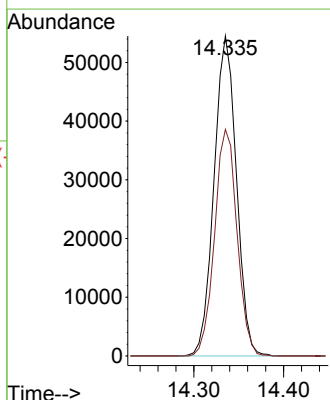
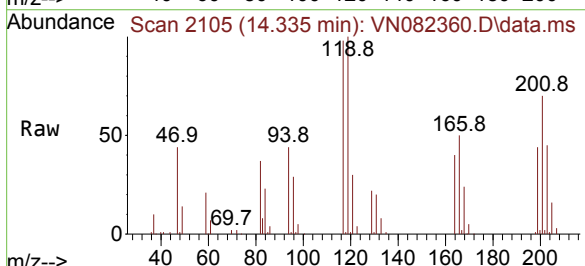
Acq: 28 May 2024 20:33

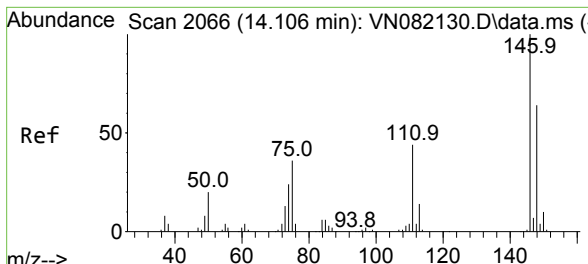
Tgt Ion: 117 Resp: 94479

Ion Ratio Lower Upper

117 100

201 71.0 33.3 99.8

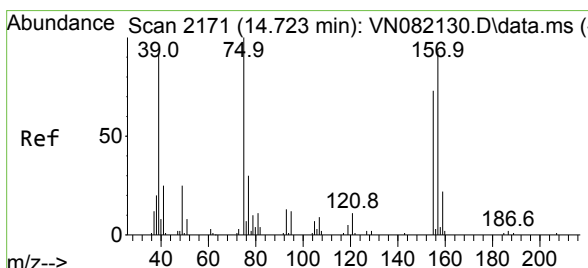
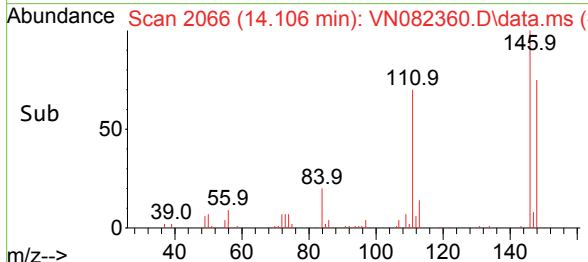
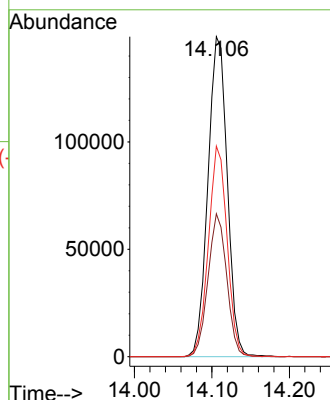
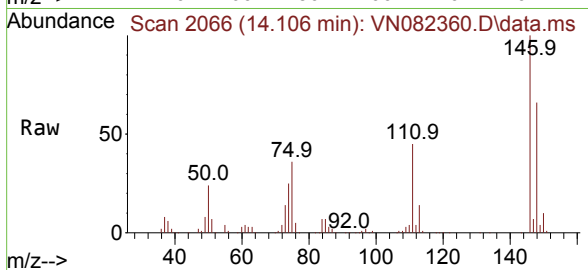




#91
 1,2-Dichlorobenzene
 Concen: 51.214 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: VN082360.D
 Acq: 28 May 2024 20:33

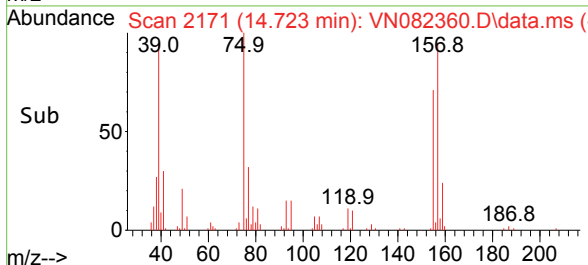
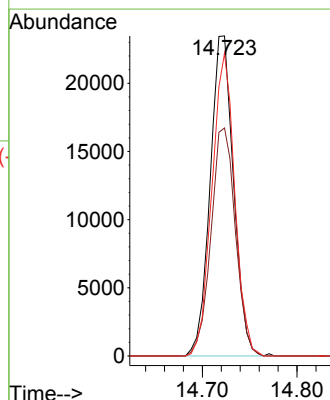
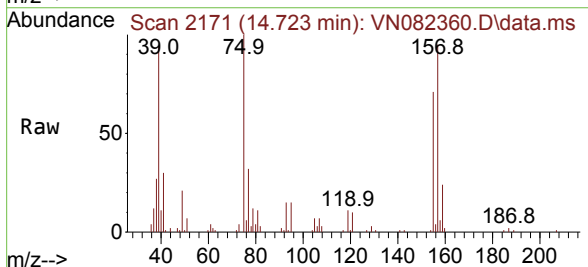
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

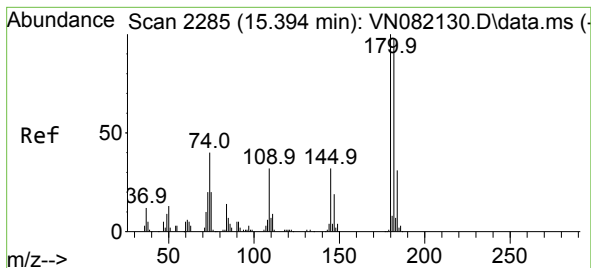
Tgt Ion:	146	Resp:	258104
Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.3	64.0
148	63.6	31.8	95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.303 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN082360.D
 Acq: 28 May 2024 20:33

Tgt Ion:	75	Resp:	40391
Ion	Ratio	Lower	Upper
75	100		
155	74.1	42.6	128.0
157	92.1	53.0	159.0





#93

1,2,4-Trichlorobenzene

Concen: 48.955 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN082360.D

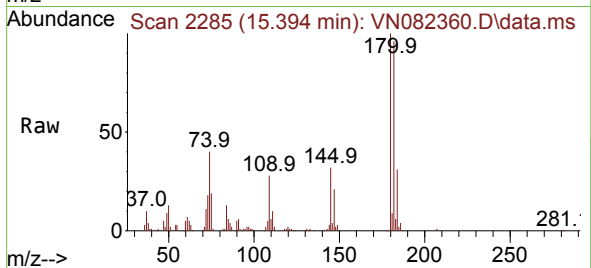
Acq: 28 May 2024 20:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



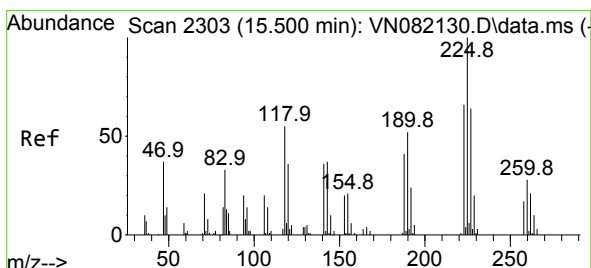
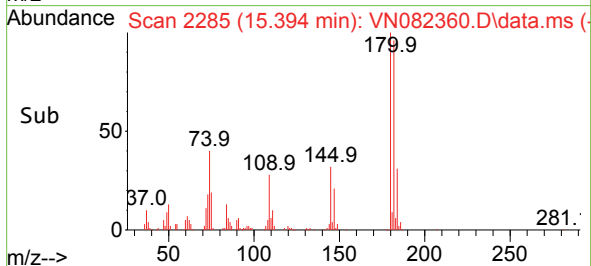
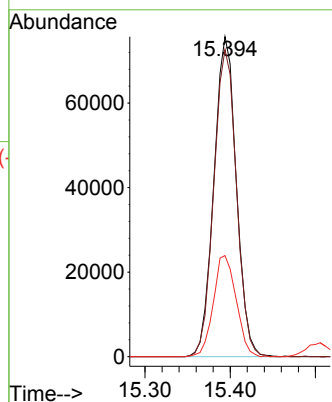
Tgt Ion:180 Resp: 138296

Ion Ratio Lower Upper

180 100

182 96.8 46.7 140.0

145 32.1 16.2 48.6



#94

Hexachlorobutadiene

Concen: 45.722 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN082360.D

Acq: 28 May 2024 20:33

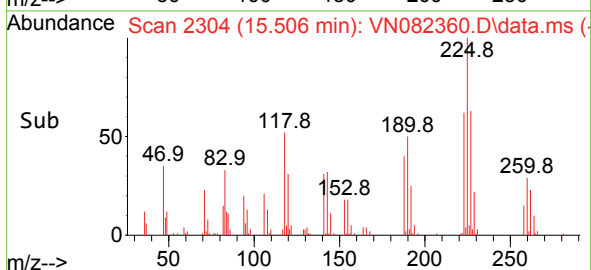
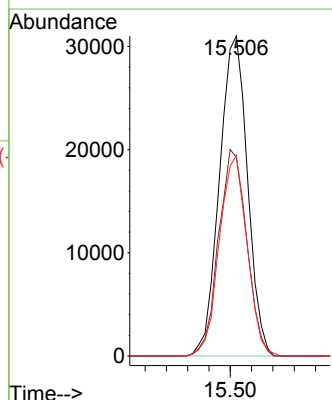
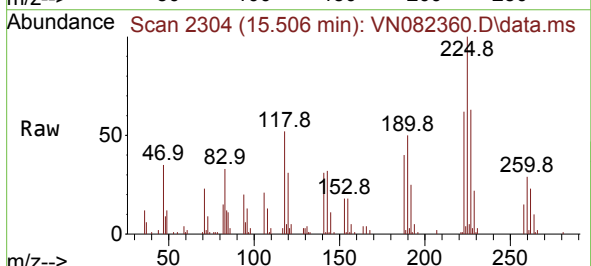
Tgt Ion:225 Resp: 56676

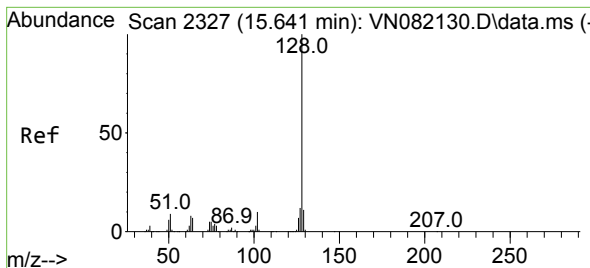
Ion Ratio Lower Upper

225 100

223 64.7 31.1 93.2

227 61.9 30.6 91.6





#95

Naphthalene

Concen: 55.785 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN082360.D

Acq: 28 May 2024 20:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

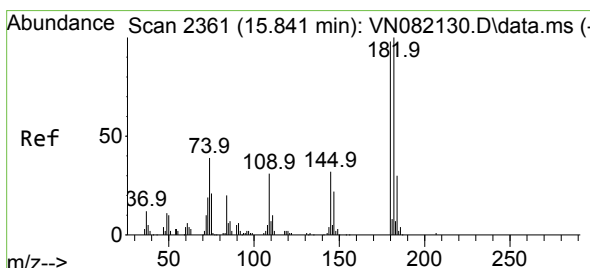
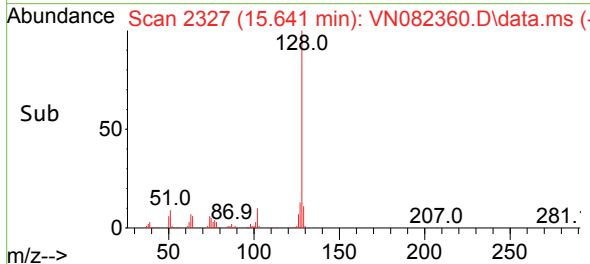
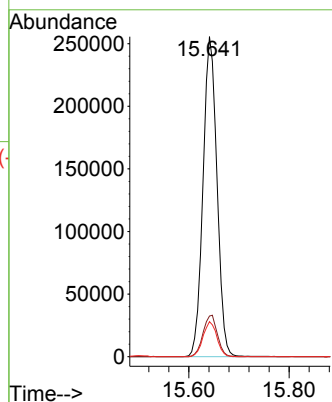
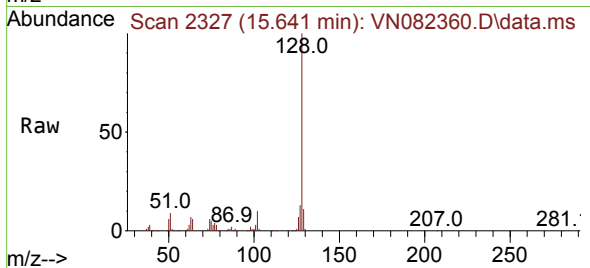
Tgt Ion:128 Resp: 493861

Ion Ratio Lower Upper

128 100

127 13.3 10.1 15.1

129 10.9 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 49.264 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN082360.D

Acq: 28 May 2024 20:33

Tgt Ion:180 Resp: 139319

Ion Ratio Lower Upper

180 100

182 96.8 46.0 137.8

145 33.6 17.1 51.3

