

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
 Data File : VN082256.D
 Acq On : 21 May 2024 22:20
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: May 22 01:34:08 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	8.229	168	195012	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	340681	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	310141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	146381	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	150573	48.899	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.800%
35) Dibromofluoromethane	8.171	113	103682	49.473	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.940%
50) Toluene-d8	10.571	98	387366	48.211	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.420%
62) 4-Bromofluorobenzene	12.853	95	143464	50.026	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	100.060%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	134326	47.776	ug/l	100
3) Chloromethane	2.365	50	141402	44.377	ug/l	96
4) Vinyl Chloride	2.512	62	141140	47.117	ug/l	100
5) Bromomethane	2.947	94	73404	42.632	ug/l	100
6) Chloroethane	3.112	64	94504	48.316	ug/l	94
7) Trichlorofluoromethane	3.495	101	200593	51.138	ug/l	99
8) Diethyl Ether	3.959	74	72813	52.107	ug/l	68
9) 1,1,2-Trichlorotrifluo...	4.371	101	112280	49.001	ug/l	99
10) Methyl Iodide	4.594	142	120885	52.478	ug/l	99
11) Tert butyl alcohol	5.524	59	133370	269.819	ug/l	99
12) 1,1-Dichloroethene	4.342	96	108028	50.723	ug/l #	79
13) Acrolein	4.177	56	86829	237.050	ug/l	96
14) Allyl chloride	5.024	41	212732	46.654	ug/l #	90
15) Acrylonitrile	5.724	53	345879	270.184	ug/l	99
16) Acetone	4.430	43	312703	247.552	ug/l	89
17) Carbon Disulfide	4.718	76	299171	43.492	ug/l	100
18) Methyl Acetate	5.024	43	171611	54.552	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	411063	52.804	ug/l	95
20) Methylene Chloride	5.271	84	126437	49.610	ug/l #	76
21) trans-1,2-Dichloroethene	5.788	96	113896	49.074	ug/l #	79
22) Diisopropyl ether	6.671	45	494582	51.944	ug/l #	92
23) Vinyl Acetate	6.606	43	1965982	261.886	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	250121	50.965	ug/l	97
25) 2-Butanone	7.482	43	511739	267.202	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	164995	40.139	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	139017	50.754	ug/l	83
28) Bromochloromethane	7.818	49	107414	50.376	ug/l #	75
29) Tetrahydrofuran	7.841	42	340599	276.988	ug/l #	82
30) Chloroform	7.965	83	245112	52.301	ug/l	100
31) Cyclohexane	8.259	56	222810	45.304	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	216385	52.044	ug/l	93
36) 1,1-Dichloropropene	8.377	75	171808	48.881	ug/l	96
37) Ethyl Acetate	7.565	43	207375	52.720	ug/l #	96
38) Carbon Tetrachloride	8.365	117	184777	51.860	ug/l	98
39) Methylcyclohexane	9.600	83	192136	49.870	ug/l #	88
40) Benzene	8.606	78	529166	50.487	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	117373	50.737	ug/l #	86
42) 1,2-Dichloroethane	8.677	62	204450	50.718	ug/l	95
43) Isopropyl Acetate	8.688	43	389940	55.946	ug/l #	88
44) Trichloroethene	9.353	130	115237	48.401	ug/l	91
45) 1,2-Dichloropropane	9.624	63	137180	50.727	ug/l	99
46) Dibromomethane	9.712	93	90641	51.052	ug/l	98
47) Bromodichloromethane	9.888	83	193032	51.501	ug/l	99
48) Methyl methacrylate	9.682	41	177876	53.558	ug/l #	82
49) 1,4-Dioxane	9.694	88	53997	1160.254	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	1099961	277.760	ug/l	89
52) Toluene	10.635	92	327144	52.011	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	198807	51.286	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	206673	50.368	ug/l #	82
55) 1,1,2-Trichloroethane	11.018	97	120329	52.642	ug/l	98
56) Ethyl methacrylate	10.876	69	215252	55.466	ug/l #	72
57) 1,3-Dichloropropane	11.165	76	218245	51.066	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	540741	270.138	ug/l	91
59) 2-Hexanone	11.200	43	814103	280.762	ug/l	89
60) Dibromochloromethane	11.359	129	140748	55.797	ug/l	98
61) 1,2-Dibromoethane	11.470	107	123378	52.550	ug/l	98
64) Tetrachloroethene	11.106	164	119944	52.178	ug/l	96
65) Chlorobenzene	11.894	112	345704	50.457	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	118740	52.614	ug/l	99
67) Ethyl Benzene	11.965	91	637107	51.982	ug/l	96
68) m/p-Xylenes	12.070	106	476716	106.125	ug/l	94
69) o-Xylene	12.400	106	231897	53.294	ug/l	93
70) Styrene	12.412	104	395049	54.659	ug/l	96
71) Bromoform	12.582	173	93143	51.865	ug/l #	99
73) Isopropylbenzene	12.700	105	593917	51.071	ug/l	98
74) N-amyl acetate	12.494	43	329223	51.468	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	170033	50.722	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	239281	77.664	ug/l	65
77) Bromobenzene	12.982	156	139082	50.185	ug/l	88
78) n-propylbenzene	13.035	91	706482	51.303	ug/l	97
79) 2-Chlorotoluene	13.129	91	427339	49.419	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	494058	52.541	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	62102	47.146	ug/l #	80
82) 4-Chlorotoluene	13.223	91	427799	50.599	ug/l	95
83) tert-Butylbenzene	13.441	119	425478	51.721	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	500800	52.056	ug/l	97
85) sec-Butylbenzene	13.617	105	596183	52.285	ug/l	98
86) p-Isopropyltoluene	13.729	119	493119	53.213	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	252017	50.194	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	252683	49.309	ug/l	98
89) n-Butylbenzene	14.059	91	422745	50.755	ug/l	98
90) Hexachloroethane	14.335	117	89092	51.890	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	244003	51.341	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	37400	54.301	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	133189	49.995	ug/l	98
94) Hexachlorobutadiene	15.500	225	53678	45.919	ug/l	98
95) Naphthalene	15.641	128	454809	54.477	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	135634	50.858	ug/l	98

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Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration

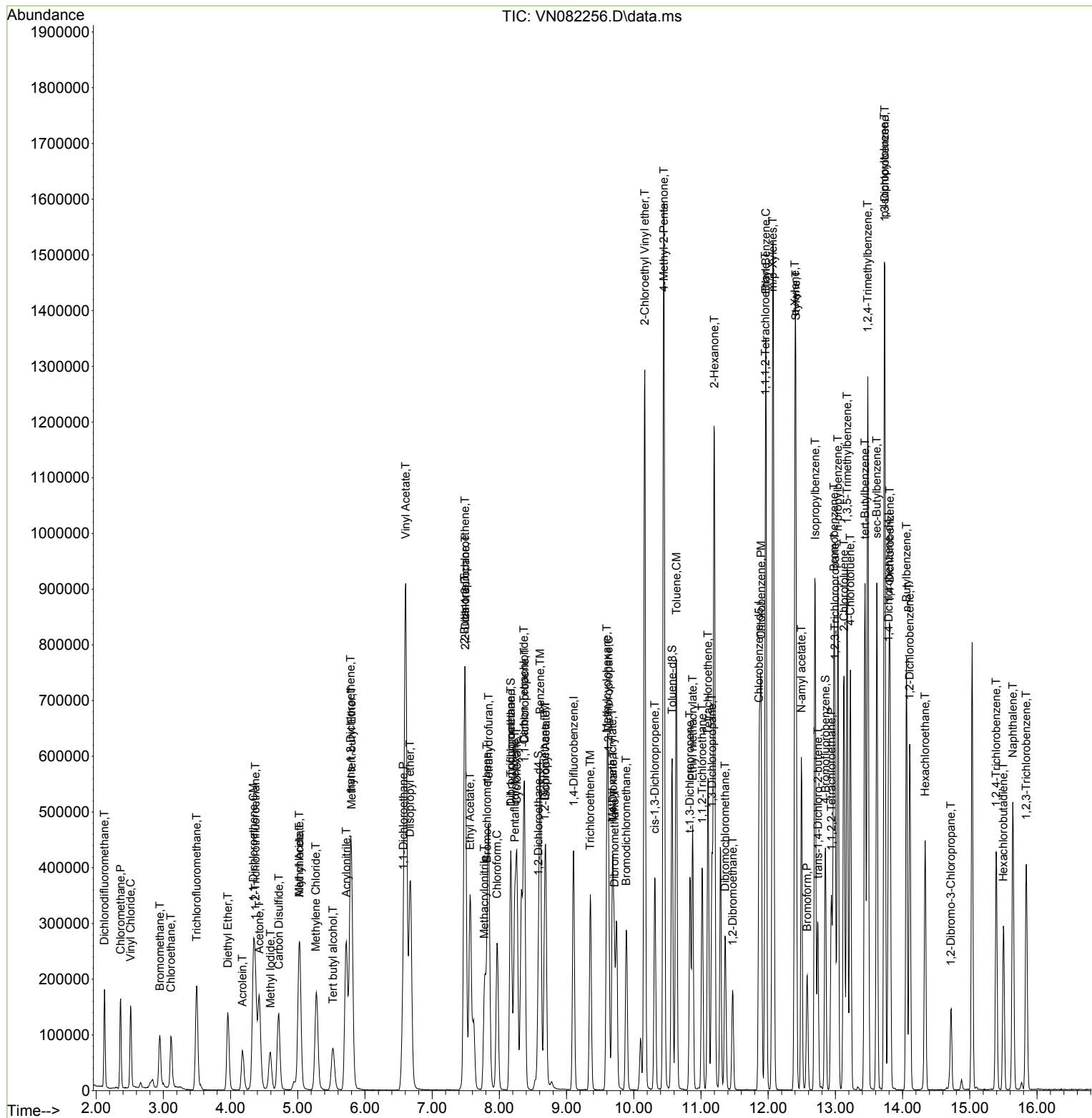
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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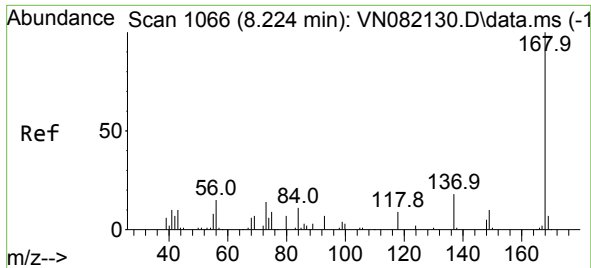
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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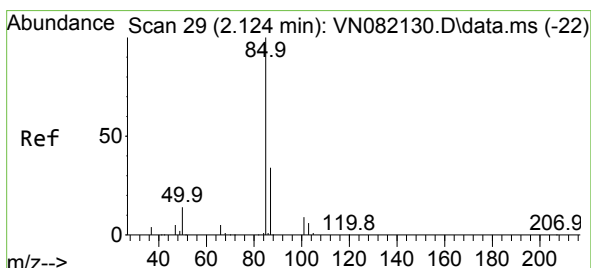
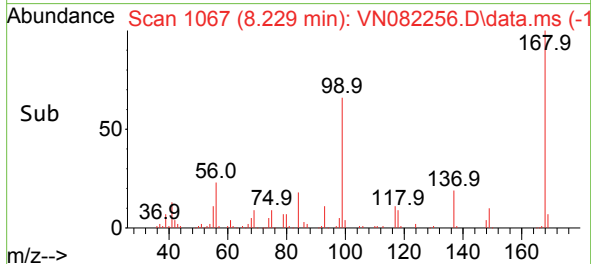
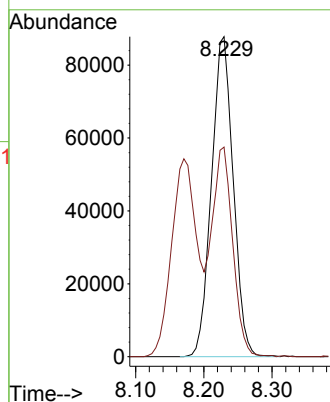
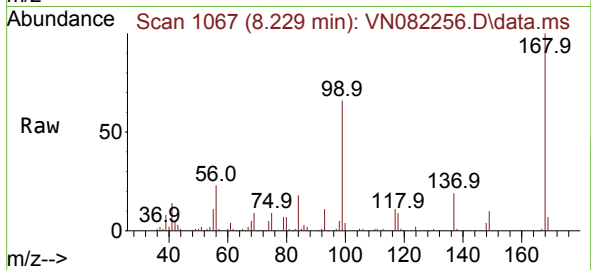




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
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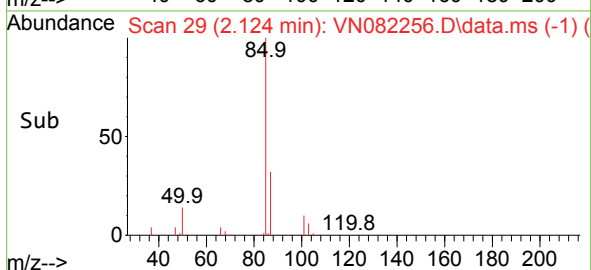
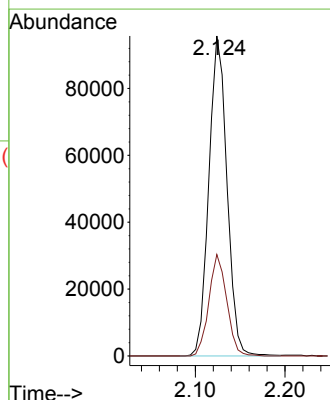
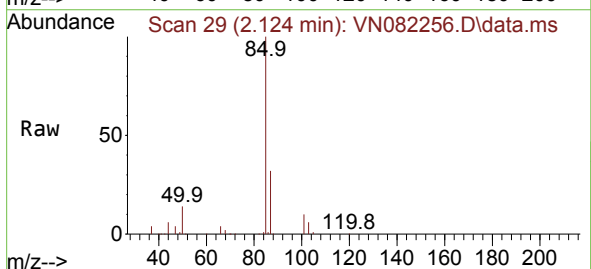
Instrument :
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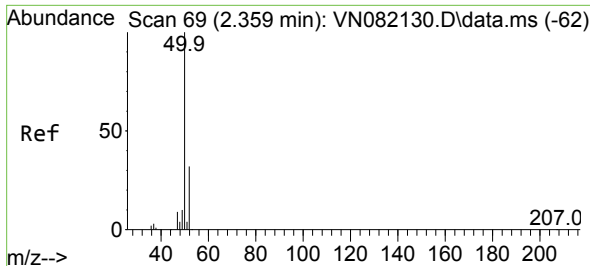
Tgt Ion:168 Resp: 195012
Ion Ratio Lower Upper
168 100
99 65.3 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 47.776 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20

Tgt Ion: 85 Resp: 134326
Ion Ratio Lower Upper
85 100
87 31.7 15.8 47.4

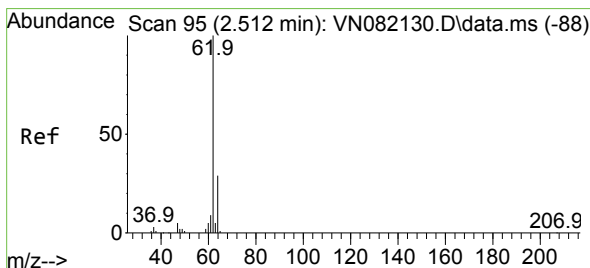
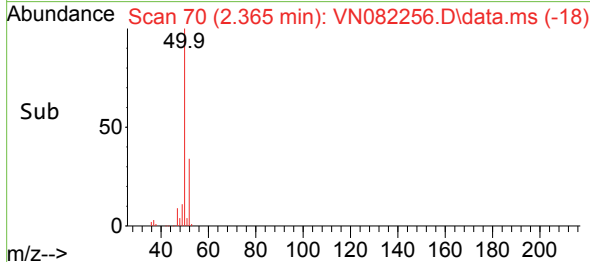
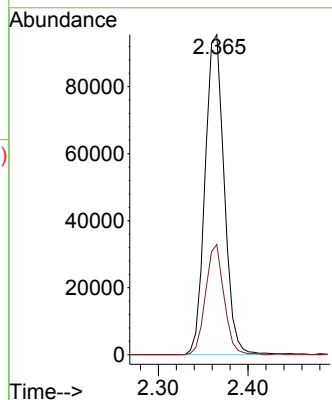
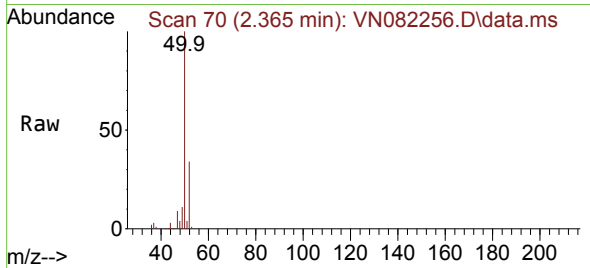




#3
Chloromethane
Concen: 44.377 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20

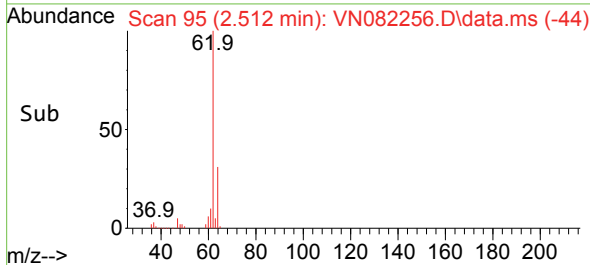
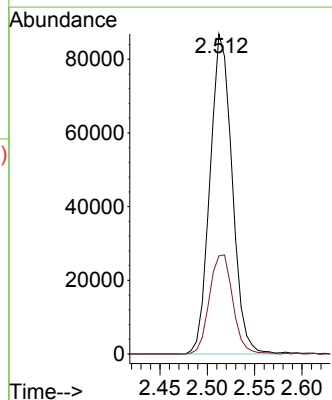
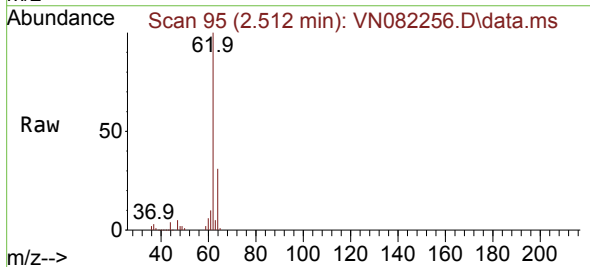
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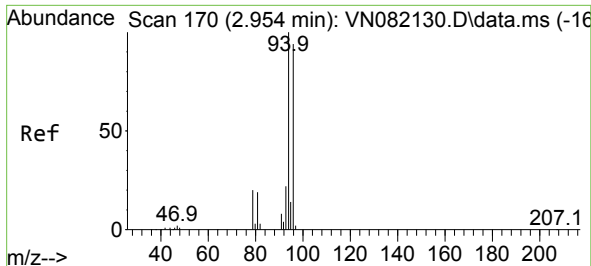
Tgt Ion: 50 Resp: 141402
Ion Ratio Lower Upper
50 100
52 34.4 25.5 38.3



#4
Vinyl Chloride
Concen: 47.117 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20

Tgt Ion: 62 Resp: 141140
Ion Ratio Lower Upper
62 100
64 30.7 24.6 37.0

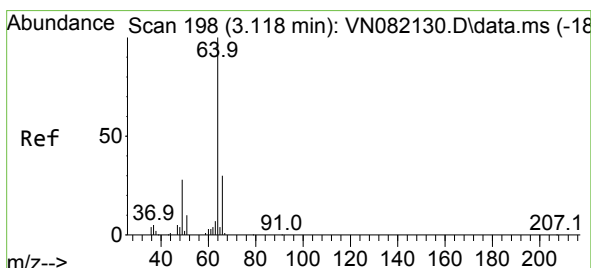
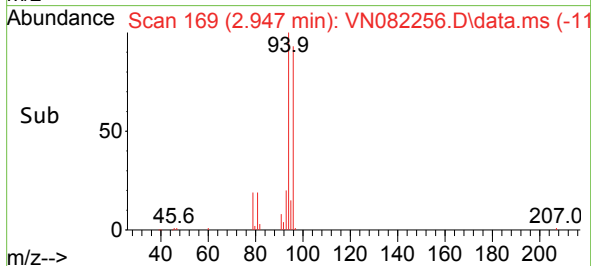
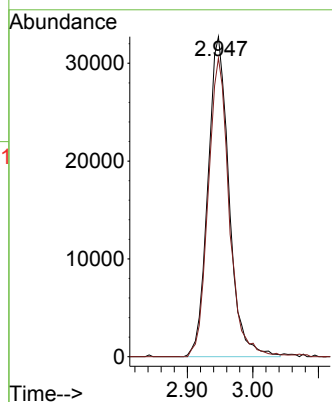
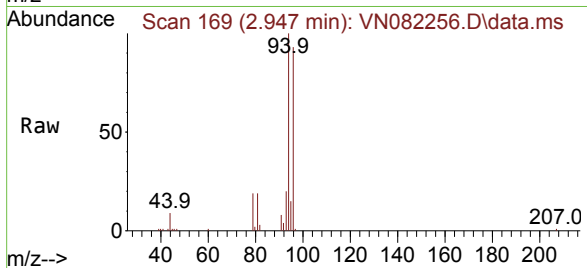




#5
Bromomethane
Concen: 42.632 ug/l
RT: 2.947 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN082256.D
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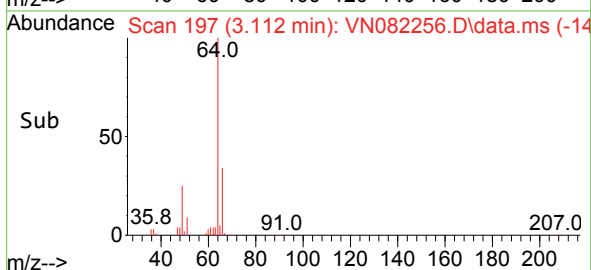
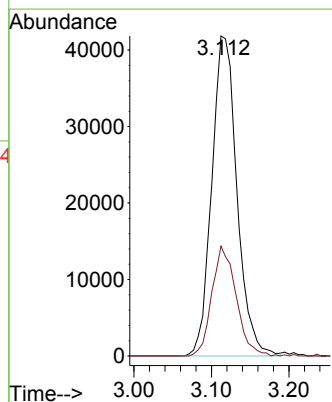
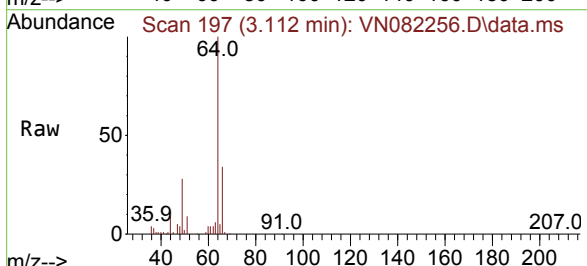
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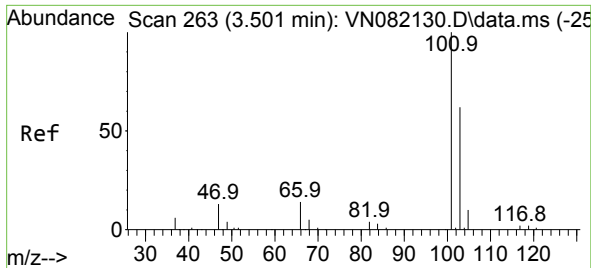
Tgt Ion: 94 Resp: 73404
Ion Ratio Lower Upper
94 100
96 93.3 74.8 112.2



#6
Chloroethane
Concen: 48.316 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
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Tgt Ion: 64 Resp: 94504
Ion Ratio Lower Upper
64 100
66 34.3 24.7 37.1

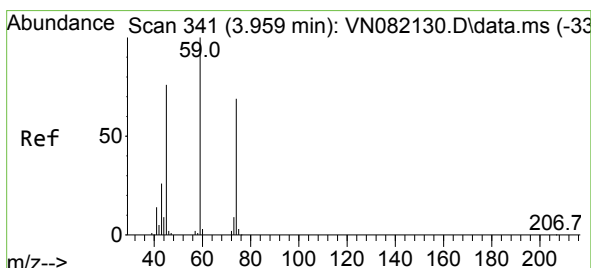
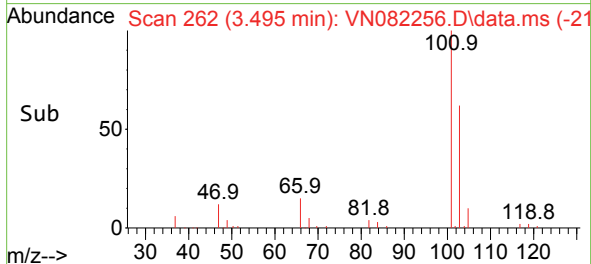
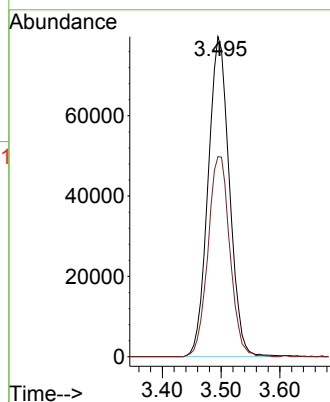
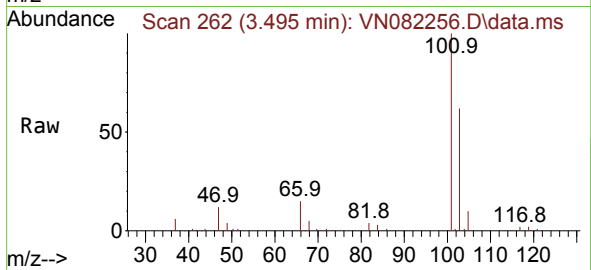




#7
Trichlorofluoromethane
Concen: 51.138 ug/l
RT: 3.495 min Scan# 205
Delta R.T. -0.006 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20

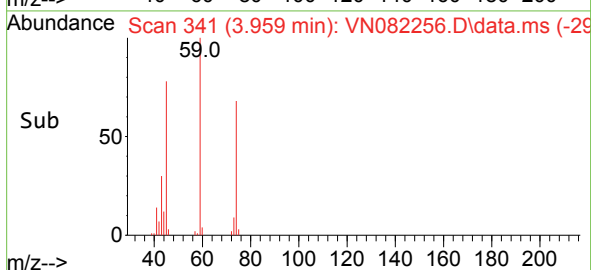
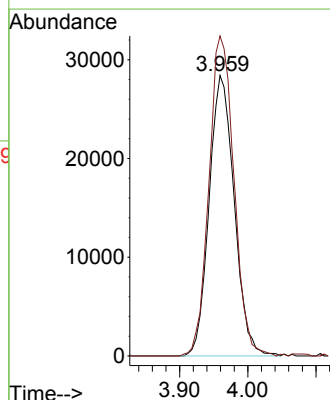
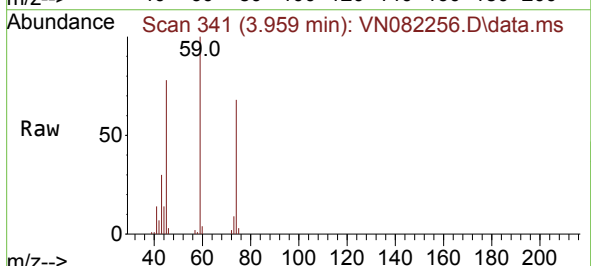
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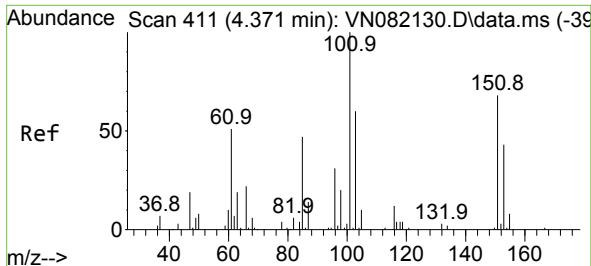
Tgt Ion:101 Resp: 200593
Ion Ratio Lower Upper
101 100
103 62.5 50.6 75.8



#8
Diethyl Ether
Concen: 52.107 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN082256.D
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Tgt Ion: 74 Resp: 72813
Ion Ratio Lower Upper
74 100
45 113.8 42.4 127.3

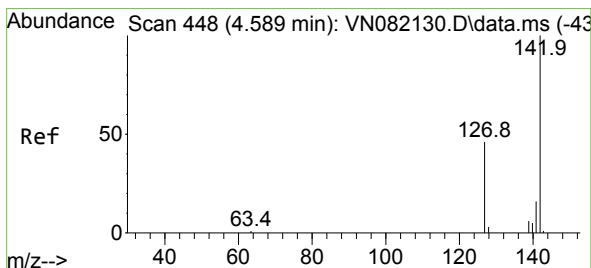
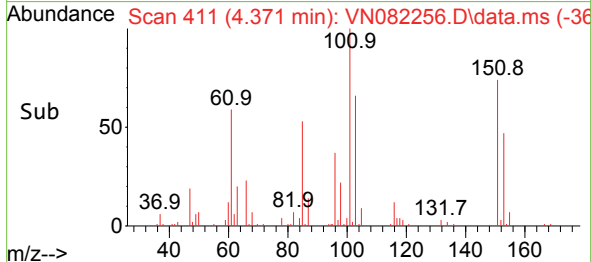
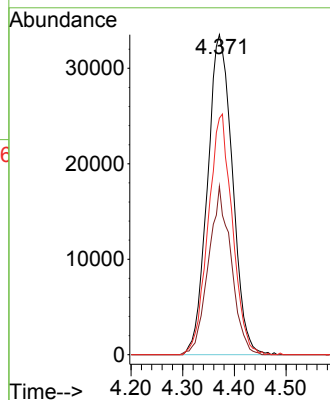
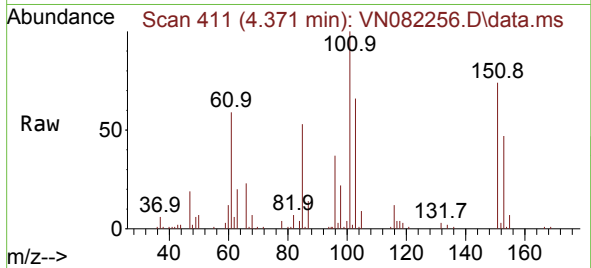




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.001 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20

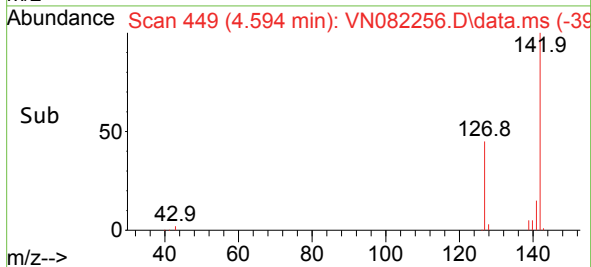
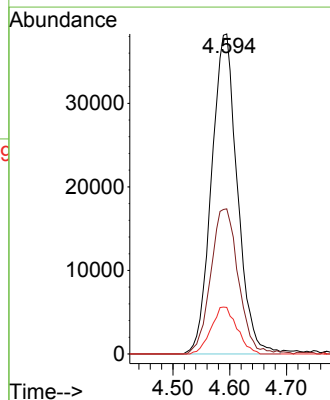
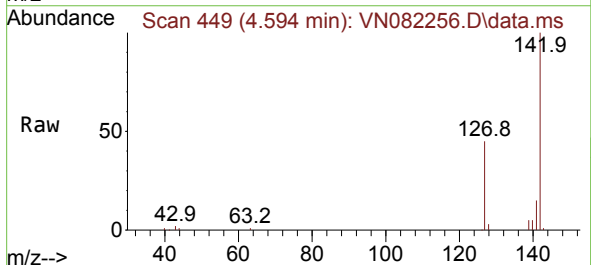
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

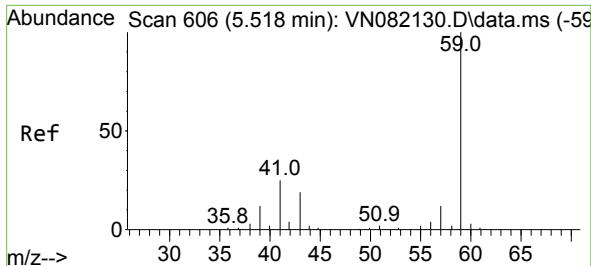
Tgt Ion:101 Resp: 112280
Ion Ratio Lower Upper
101 100
85 47.9 37.3 55.9
151 73.0 59.2 88.8



#10
Methyl Iodide
Concen: 52.478 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20

Tgt Ion:142 Resp: 120885
Ion Ratio Lower Upper
142 100
127 45.4 35.8 53.6
141 14.6 11.4 17.2

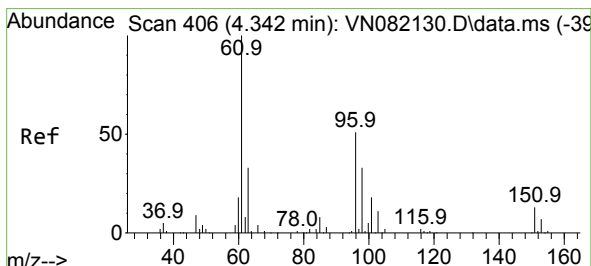
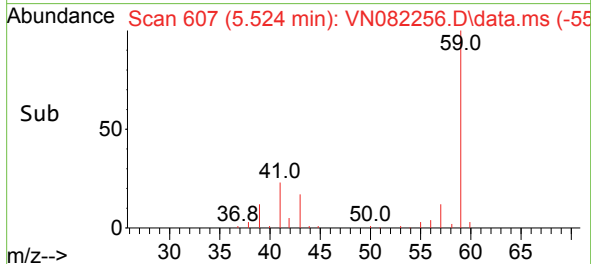
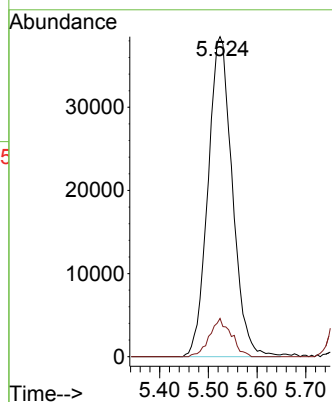
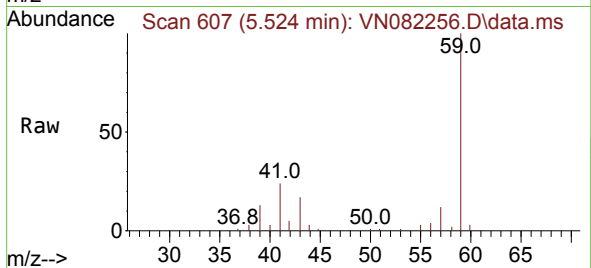




#11
Tert butyl alcohol
Concen: 269.819 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20

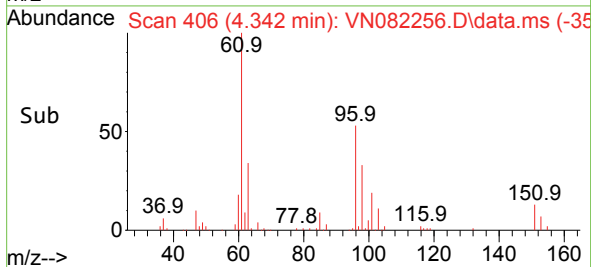
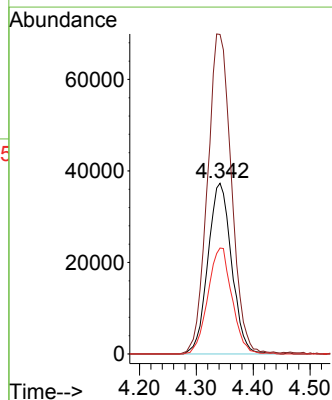
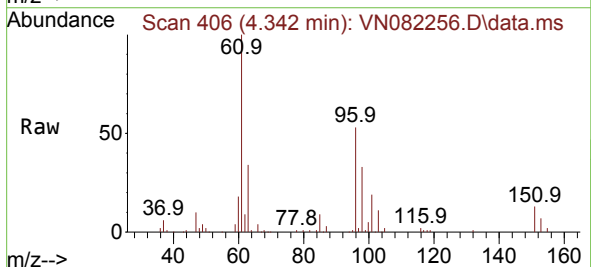
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

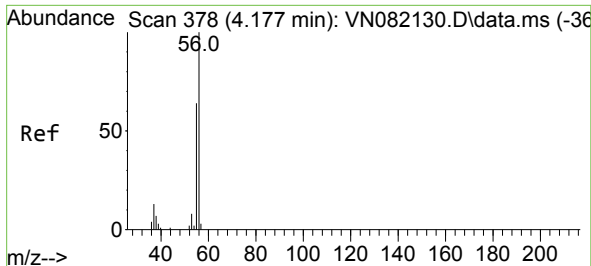
Tgt Ion: 59 Resp: 133370
Ion Ratio Lower Upper
59 100
57 10.7 8.9 13.3



#12
1,1-Dichloroethene
Concen: 50.723 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20

Tgt Ion: 96 Resp: 108028
Ion Ratio Lower Upper
96 100
61 187.1 119.7 179.5#
98 62.1 49.6 74.4





#13

Acrolein

Concen: 237.050 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN082256.D

Acq: 21 May 2024 22:20

Instrument :

MSVOA_N

ClientSampleId :

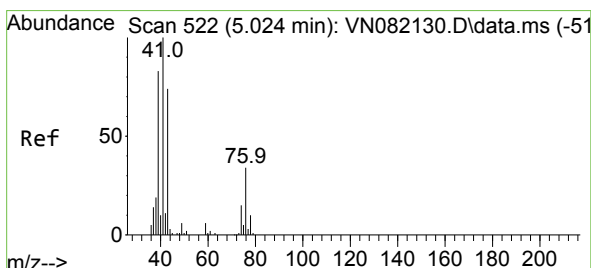
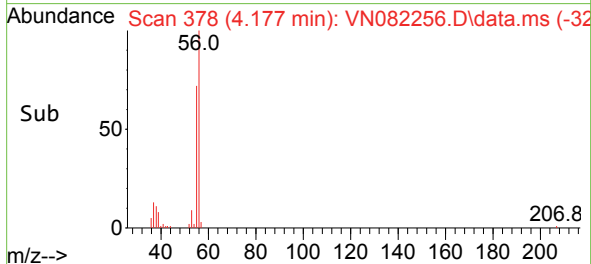
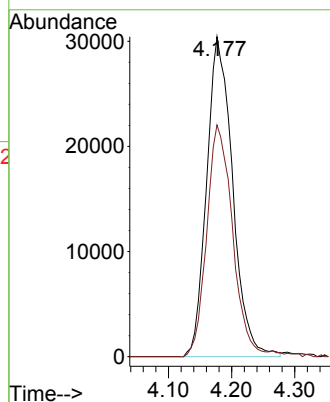
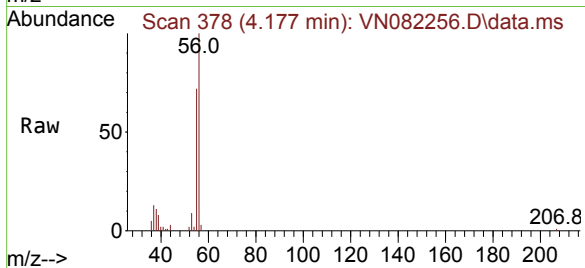
VSTDCCC050

Tgt Ion: 56 Resp: 86829

Ion Ratio Lower Upper

56 100

55 73.0 55.8 83.8



#14

Allyl chloride

Concen: 46.654 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN082256.D

Acq: 21 May 2024 22:20

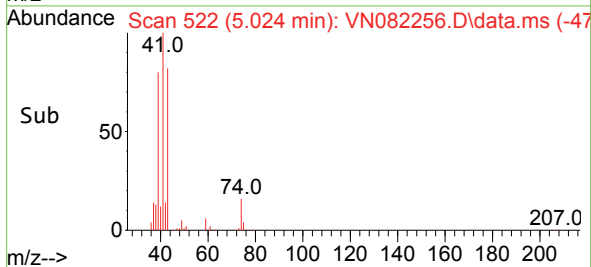
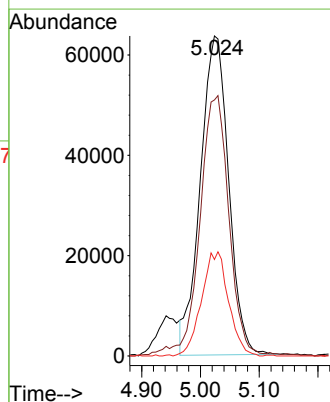
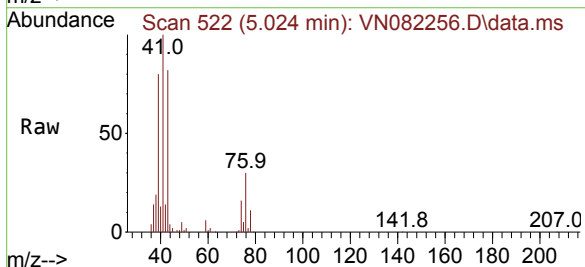
Tgt Ion: 41 Resp: 212732

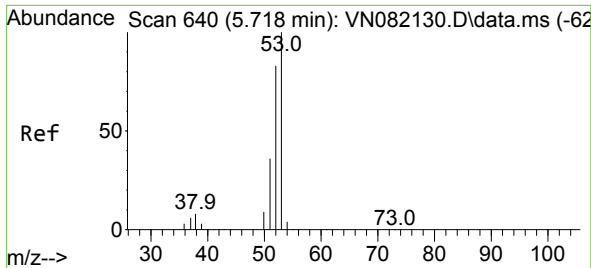
Ion Ratio Lower Upper

41 100

39 83.8 65.4 98.0

76 31.2 37.3 55.9#

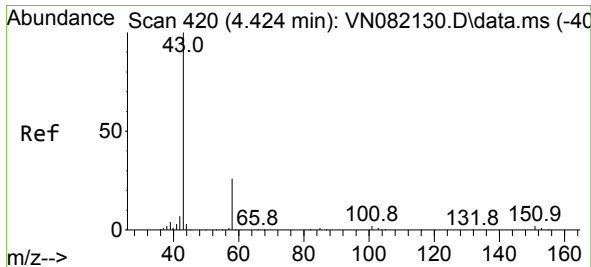
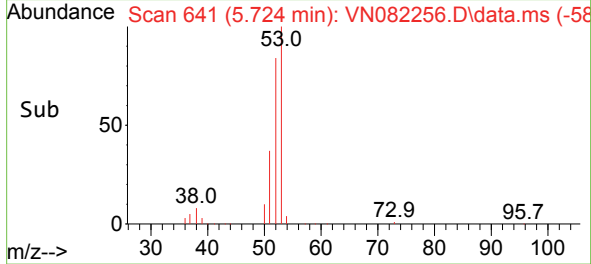
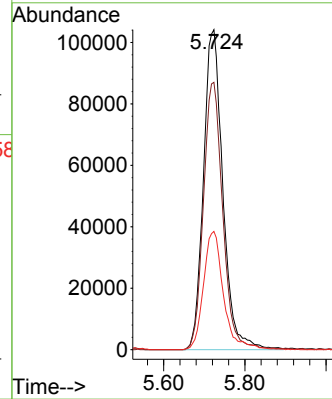
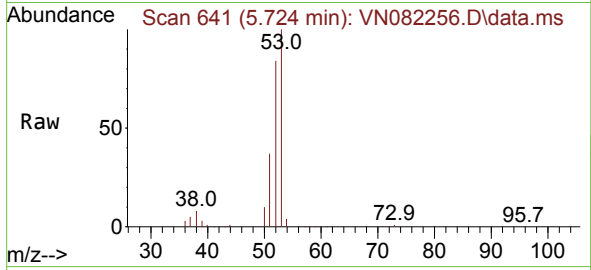




#15
Acrylonitrile
Concen: 270.184 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20

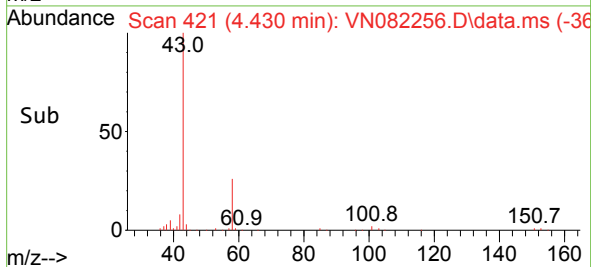
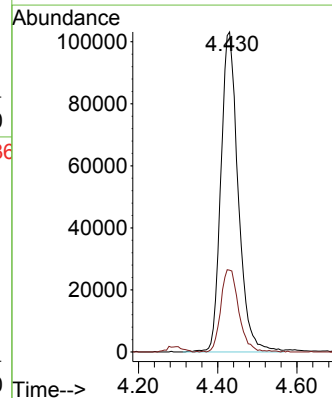
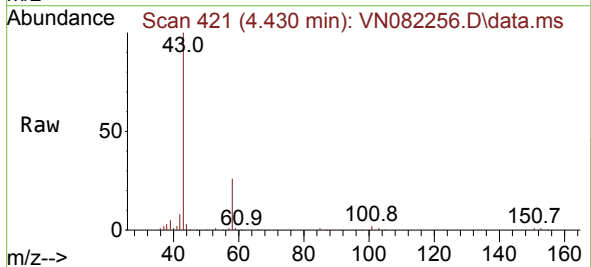
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

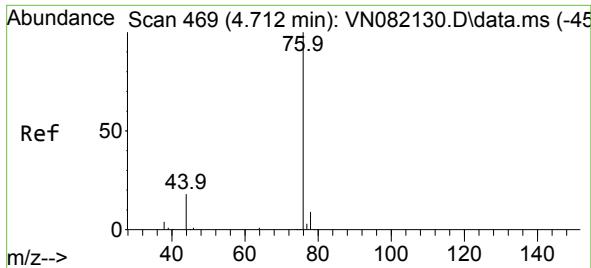
Tgt Ion: 53 Resp: 345879
Ion Ratio Lower Upper
53 100
52 83.0 66.1 99.1
51 38.2 29.4 44.2



#16
Acetone
Concen: 247.552 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20

Tgt Ion: 43 Resp: 312703
Ion Ratio Lower Upper
43 100
58 25.3 25.2 37.8

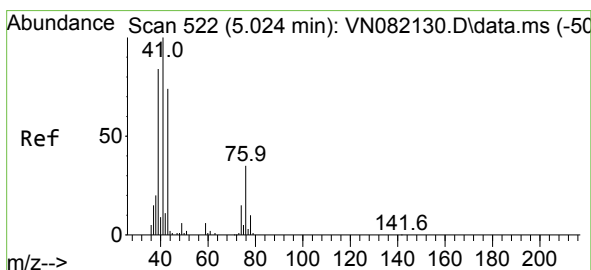
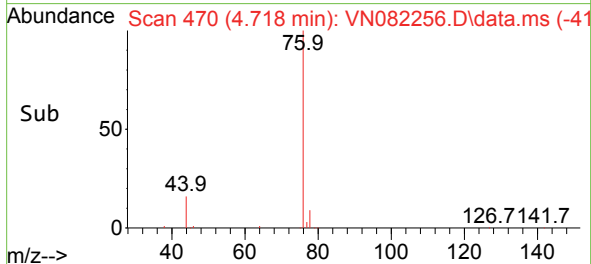
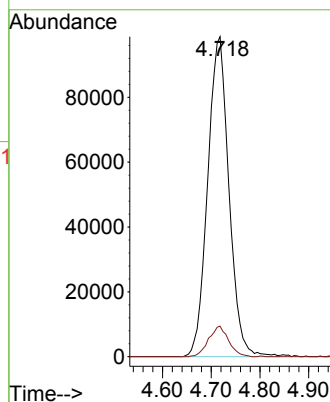
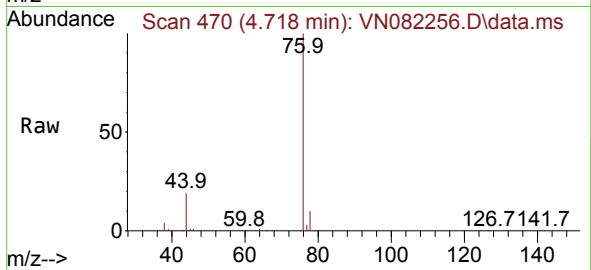




#17
Carbon Disulfide
Concen: 43.492 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20

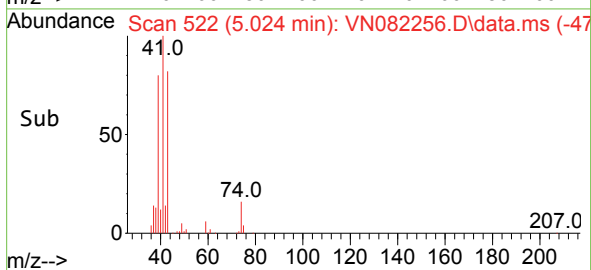
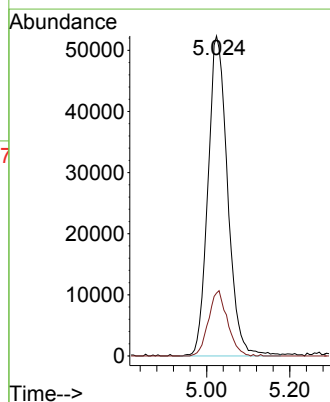
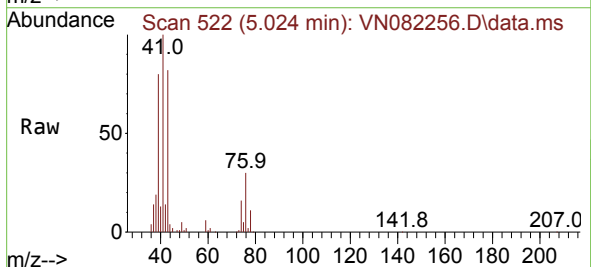
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

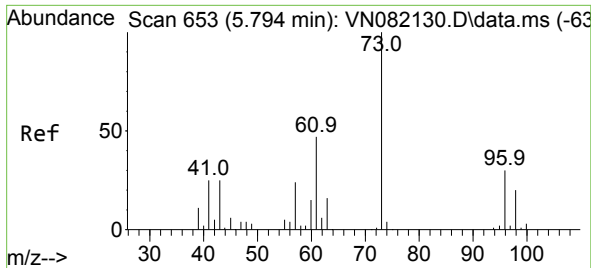
Tgt Ion: 76 Resp: 299171
Ion Ratio Lower Upper
76 100
78 9.6 7.5 11.3



#18
Methyl Acetate
Concen: 54.552 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20

Tgt Ion: 43 Resp: 171611
Ion Ratio Lower Upper
43 100
74 19.8 22.2 33.2#

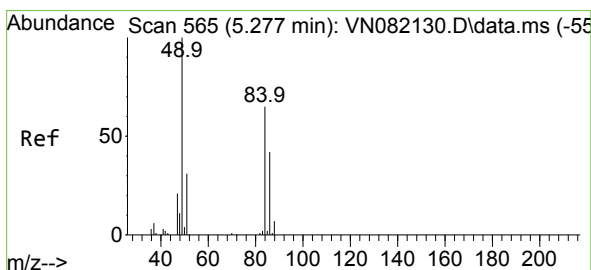
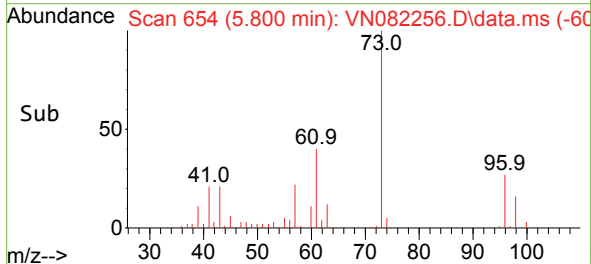
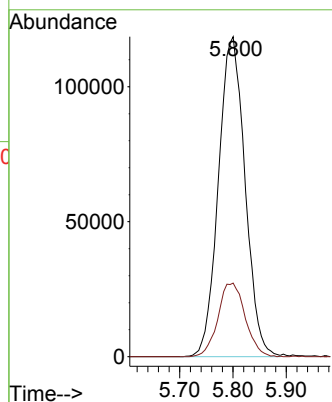
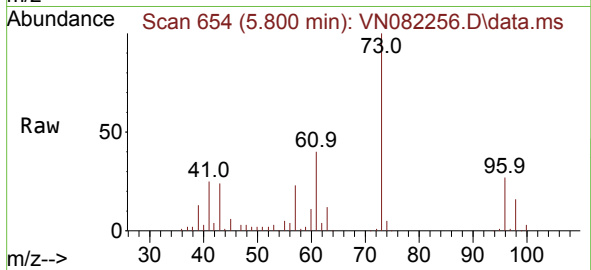




#19
Methyl tert-butyl Ether
Concen: 52.804 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20

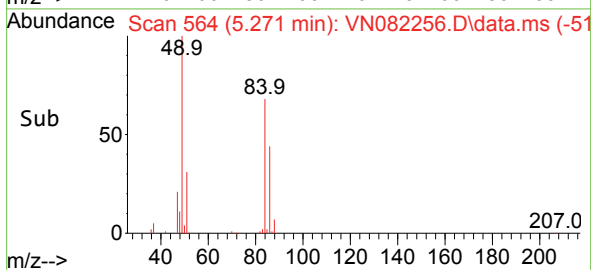
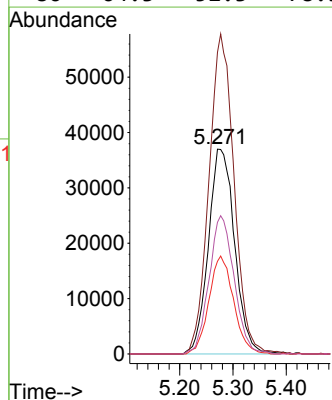
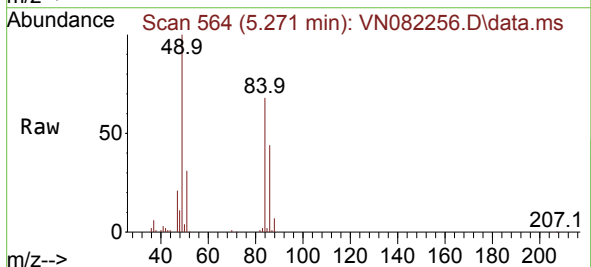
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

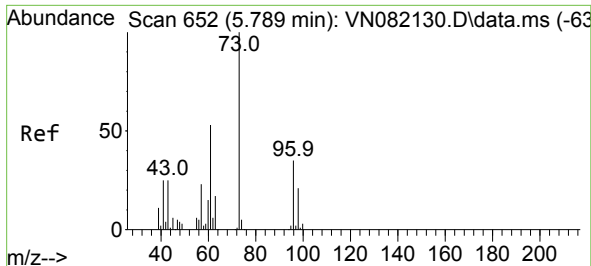
Tgt Ion: 73 Resp: 411063
Ion Ratio Lower Upper
73 100
57 23.0 16.5 24.7



#20
Methylene Chloride
Concen: 49.610 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20

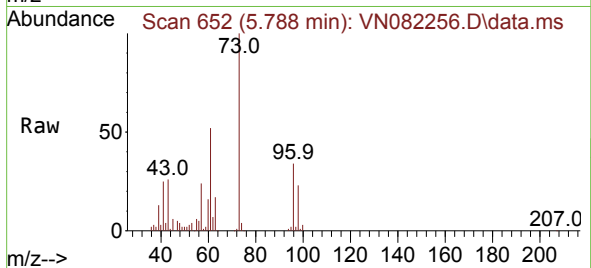
Tgt Ion: 84 Resp: 126437
Ion Ratio Lower Upper
84 100
49 147.3 84.9 127.3#
51 45.3 27.0 40.6#
86 64.3 52.3 78.5



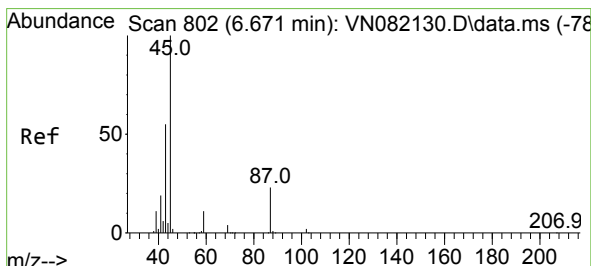
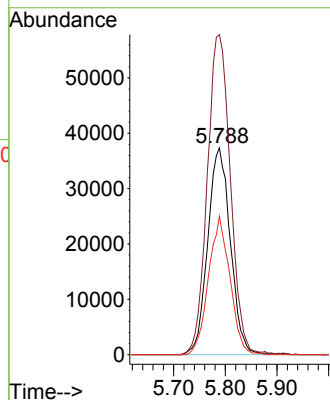
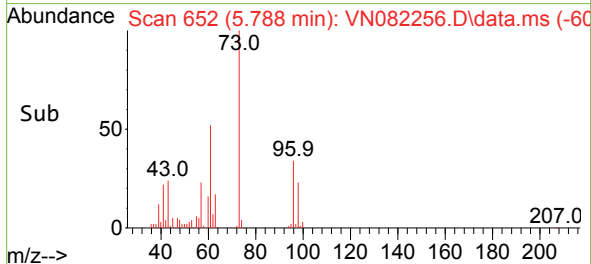


#21
trans-1,2-Dichloroethene
Concen: 49.074 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

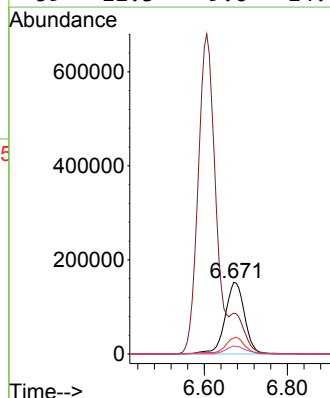
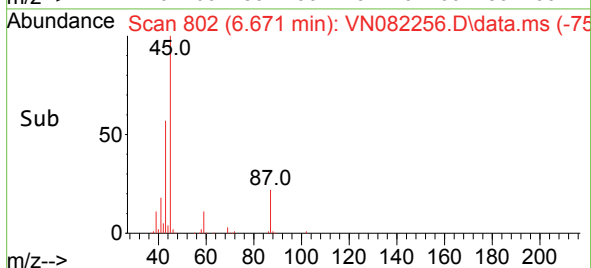
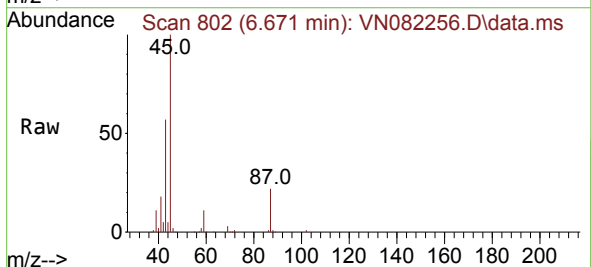


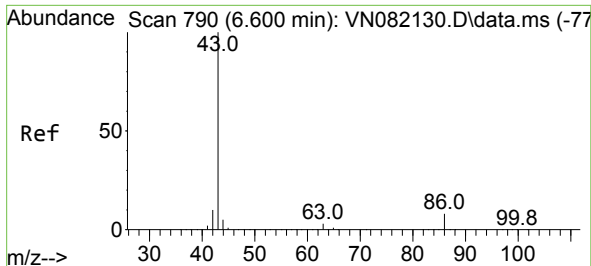
Tgt Ion: 96 Resp: 113896
Ion Ratio Lower Upper
96 100
61 154.7 96.5 144.7#
98 67.0 51.3 76.9



#22
Diisopropyl ether
Concen: 51.944 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20

Tgt Ion: 45 Resp: 494582
Ion Ratio Lower Upper
45 100
43 56.4 44.1 66.1
87 22.1 27.0 40.6#
59 11.3 9.6 14.4

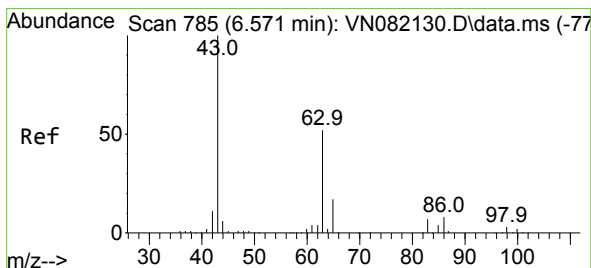
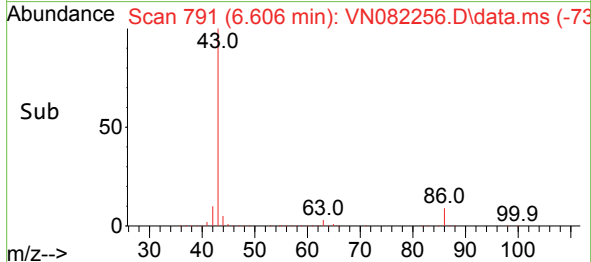
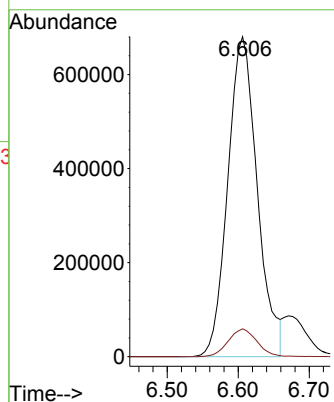
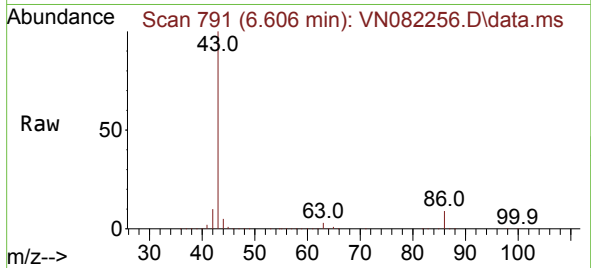




#23
 Vinyl Acetate
 Concen: 261.886 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN082256.D
 Acq: 21 May 2024 22:20

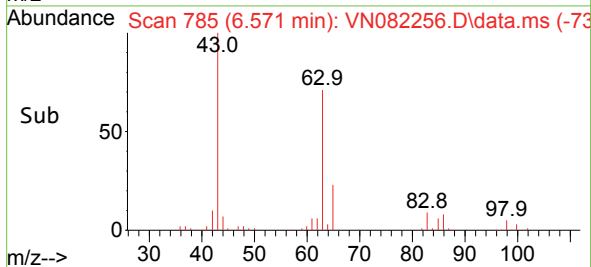
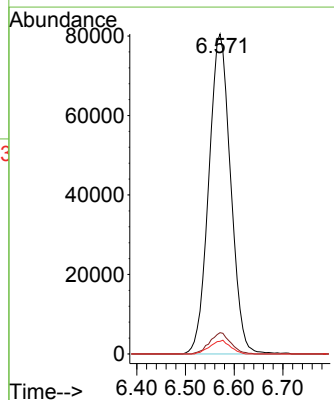
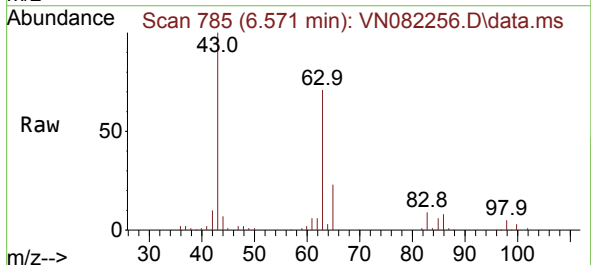
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

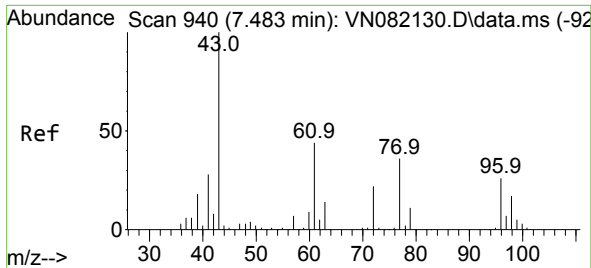
Tgt Ion: 43 Resp: 1965982
 Ion Ratio Lower Upper
 43 100
 86 8.7 10.2 15.4#



#24
 1,1-Dichloroethane
 Concen: 50.965 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN082256.D
 Acq: 21 May 2024 22:20

Tgt Ion: 63 Resp: 250121
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.9
 100 4.0 2.6 7.8

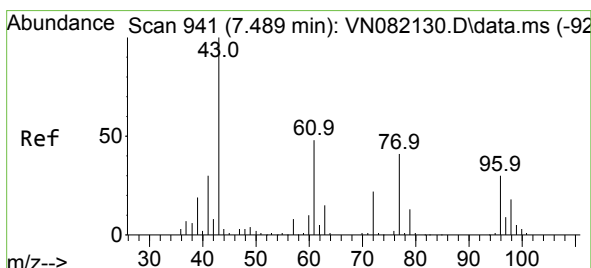
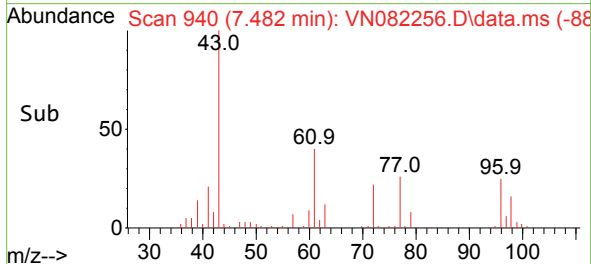
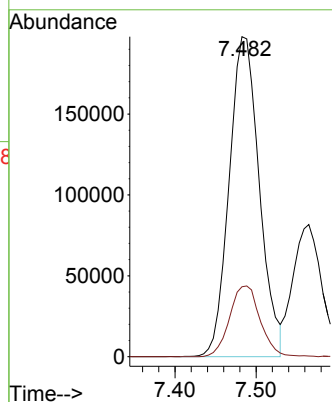
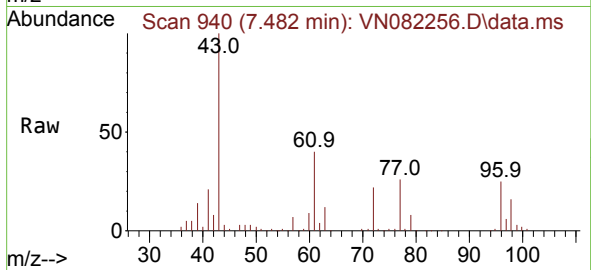




#25
2-Butanone
Concen: 267.202 ug/l
RT: 7.482 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20

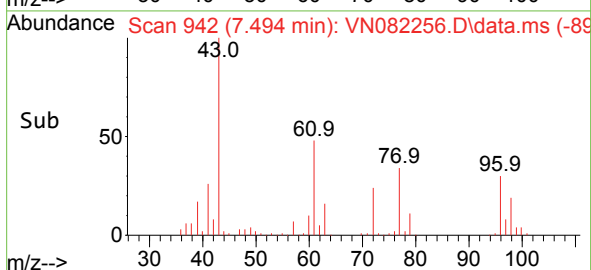
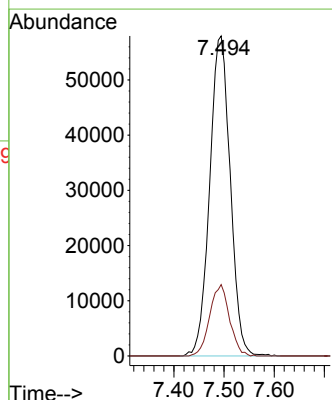
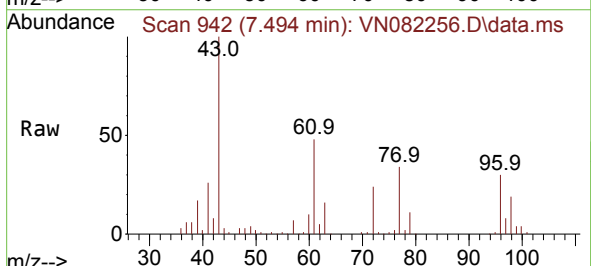
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

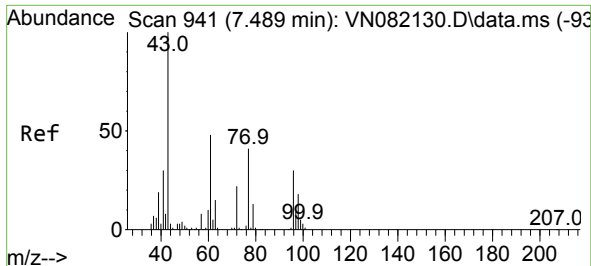
Tgt Ion: 43 Resp: 511739
Ion Ratio Lower Upper
43 100
72 21.9 25.3 37.9#



#26
2,2-Dichloropropane
Concen: 40.139 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20

Tgt Ion: 77 Resp: 164995
Ion Ratio Lower Upper
77 100
97 21.5 11.3 33.9

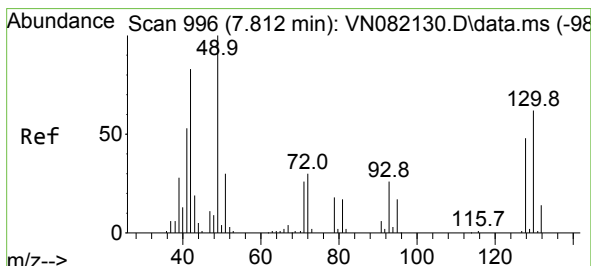
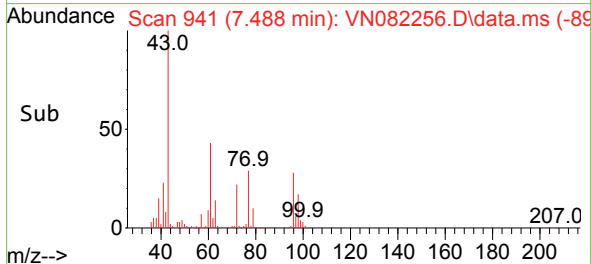
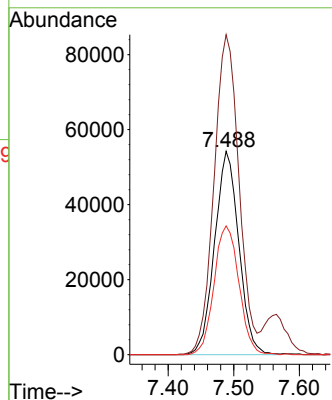
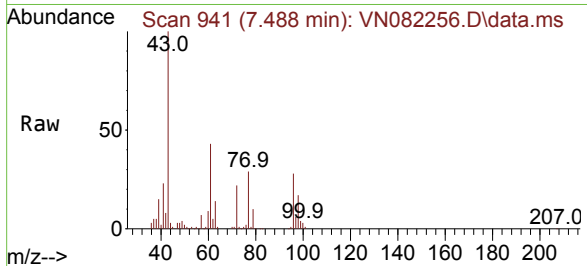




#27
 cis-1,2-Dichloroethene
 Concen: 50.754 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN082256.D
 Acq: 21 May 2024 22:20

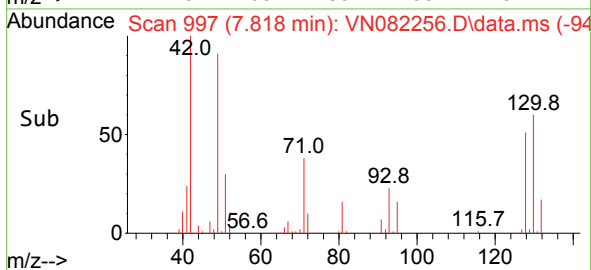
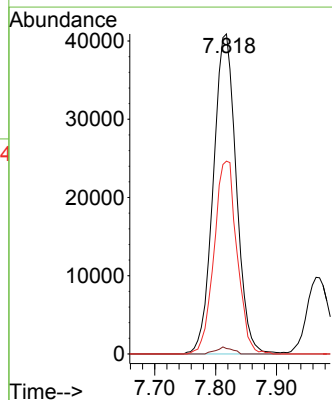
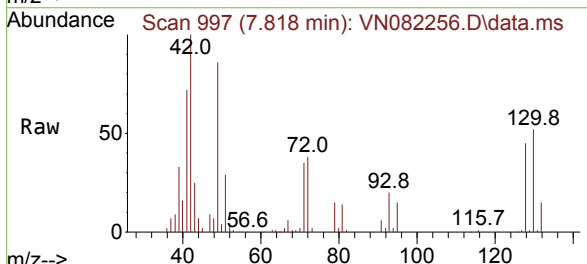
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

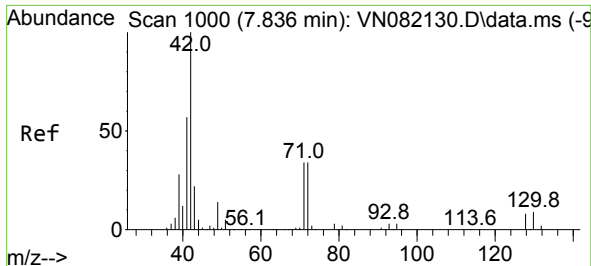
Tgt Ion: 96 Resp: 139017
 Ion Ratio Lower Upper
 96 100
 61 162.0 0.0 268.0
 98 65.1 0.0 126.8



#28
 Bromochloromethane
 Concen: 50.376 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN082256.D
 Acq: 21 May 2024 22:20

Tgt Ion: 49 Resp: 107414
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 4.6
 130 60.1 66.7 100.1#





#29

Tetrahydrofuran

Concen: 276.988 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.005 min

Lab File: VN082256.D

Acq: 21 May 2024 22:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

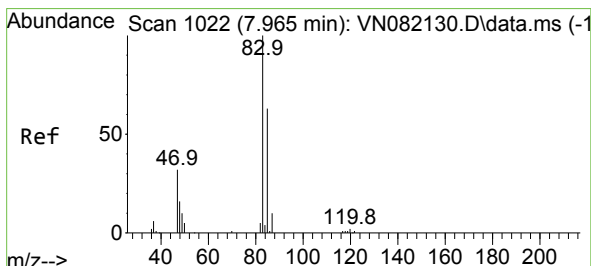
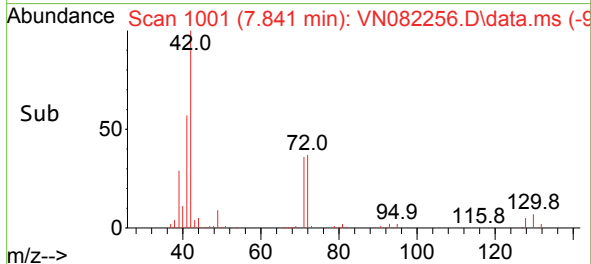
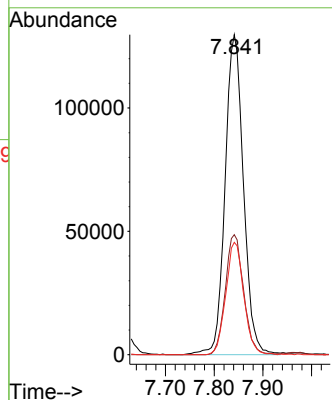
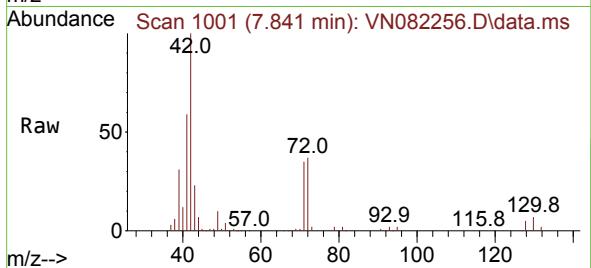
Tgt Ion: 42 Resp: 340599

Ion Ratio Lower Upper

42 100

72 37.1 39.3 58.9#

71 34.4 37.4 56.0#



#30

Chloroform

Concen: 52.301 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN082256.D

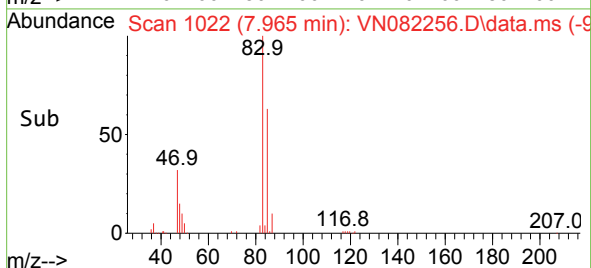
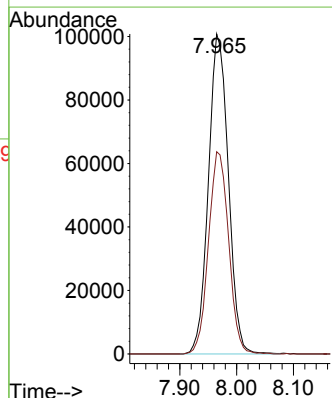
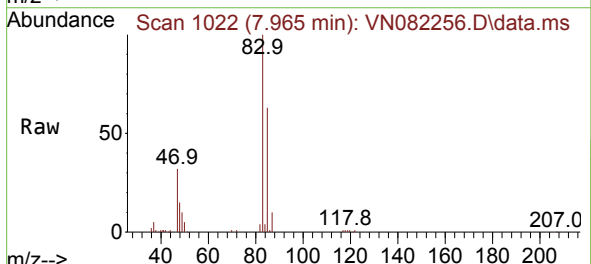
Acq: 21 May 2024 22:20

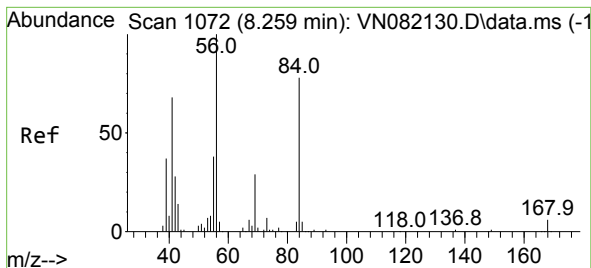
Tgt Ion: 83 Resp: 245112

Ion Ratio Lower Upper

83 100

85 63.2 50.7 76.1





#31

Cyclohexane

Concen: 45.304 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.000 min

Lab File: VN082256.D

Acq: 21 May 2024 22:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

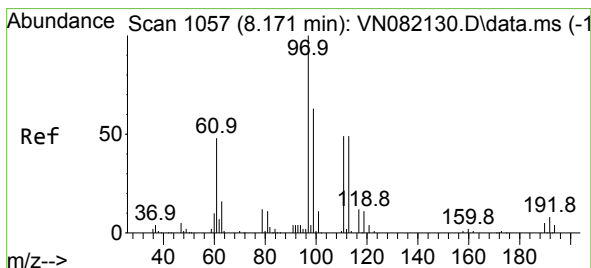
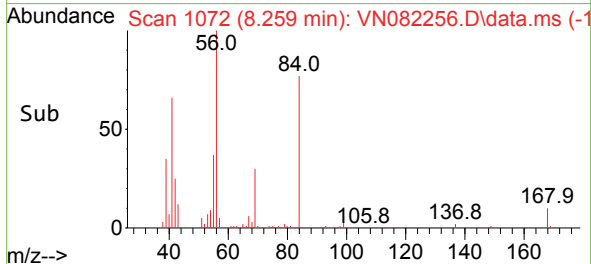
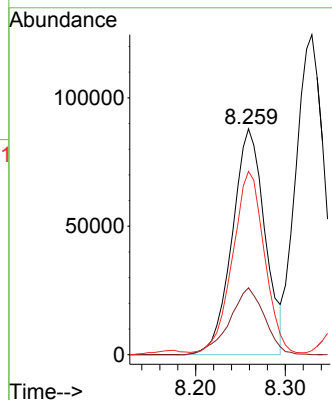
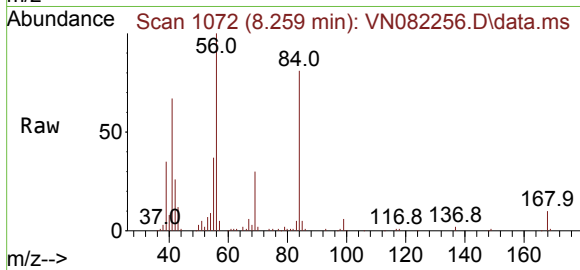
Tgt Ion: 56 Resp: 222810

Ion Ratio Lower Upper

56 100

69 29.2 24.4 36.6

84 79.8 77.0 115.4



#32

1,1,1-Trichloroethane

Concen: 52.044 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN082256.D

Acq: 21 May 2024 22:20

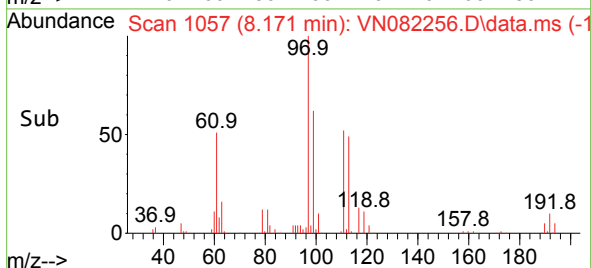
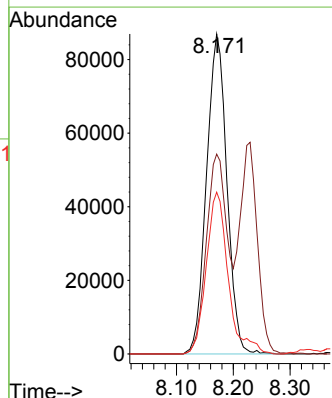
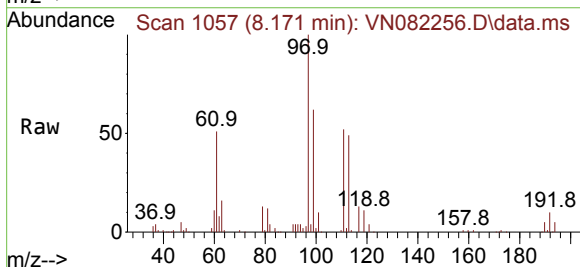
Tgt Ion: 97 Resp: 216385

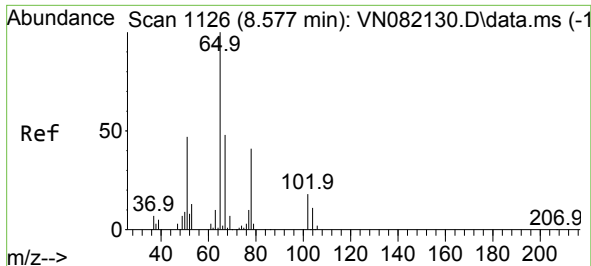
Ion Ratio Lower Upper

97 100

99 65.1 50.3 75.5

61 54.4 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 48.899 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082256.D

Acq: 21 May 2024 22:20

Instrument :

MSVOA_N

ClientSampleId :

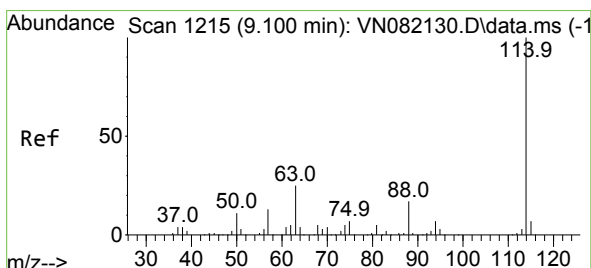
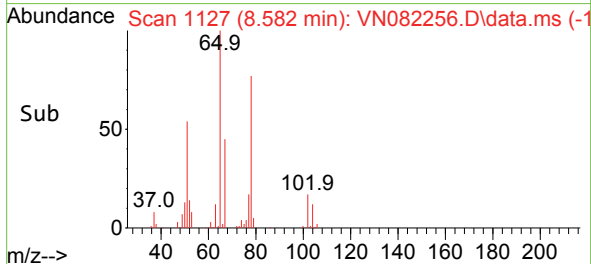
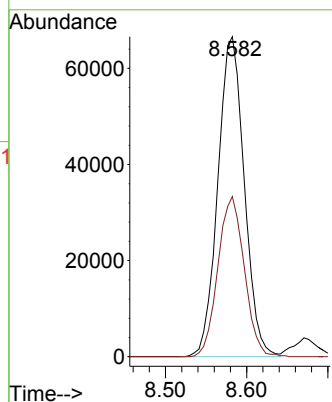
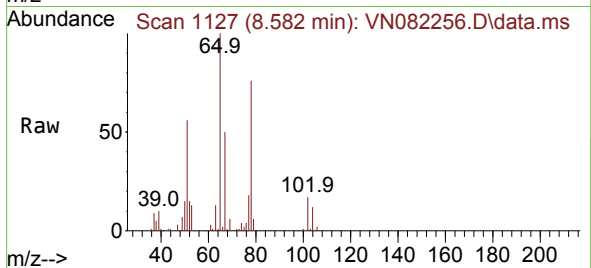
VSTDCCC050

Tgt Ion: 65 Resp: 150573

Ion Ratio Lower Upper

65 100

67 50.0 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082256.D

Acq: 21 May 2024 22:20

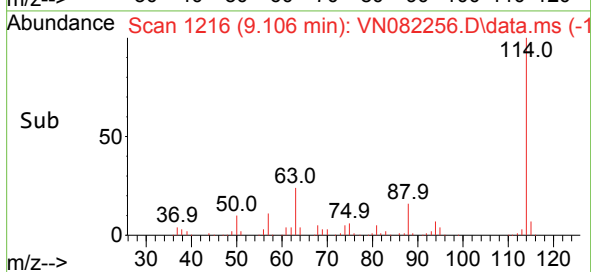
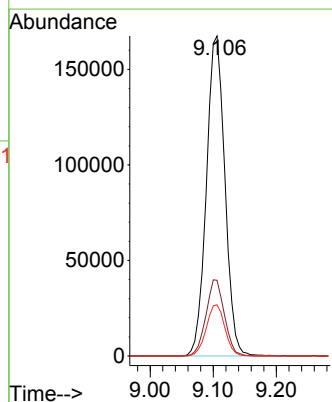
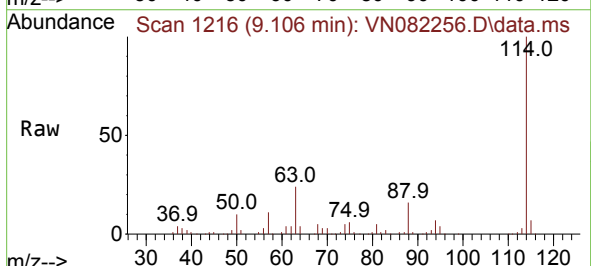
Tgt Ion: 114 Resp: 340681

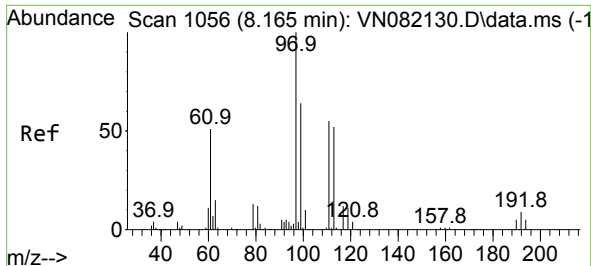
Ion Ratio Lower Upper

114 100

63 23.7 0.0 41.0

88 16.0 0.0 31.4

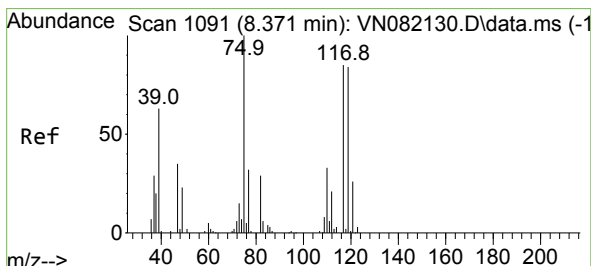
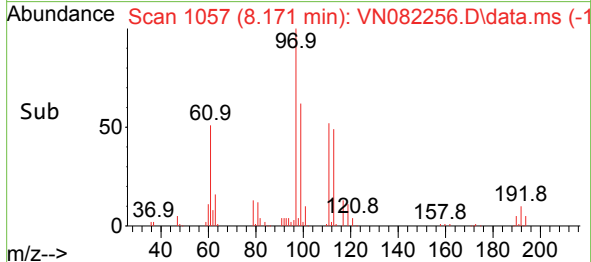
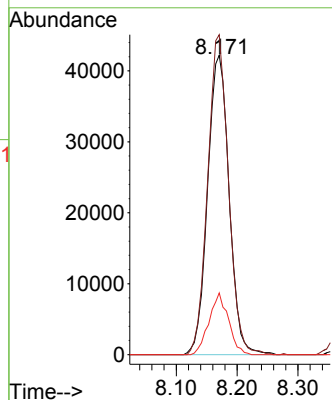
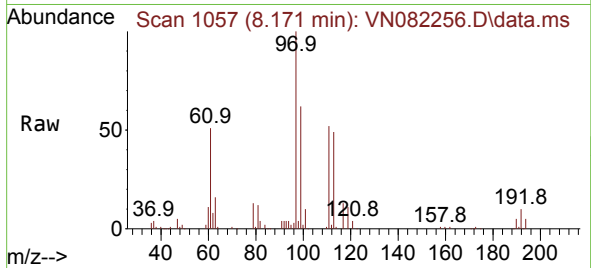




#35
Dibromofluoromethane
Concen: 49.473 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20

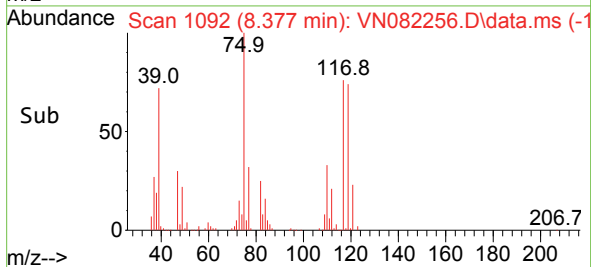
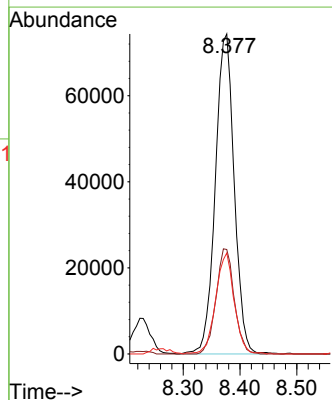
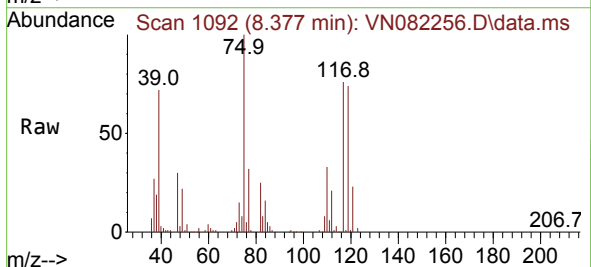
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

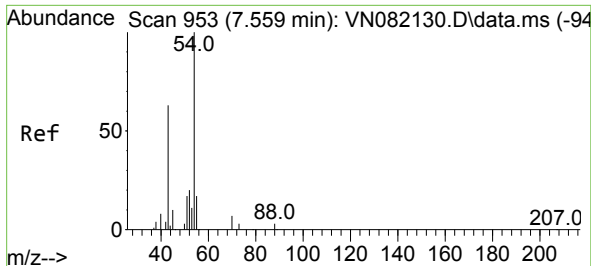
Tgt Ion:113 Resp: 103682
Ion Ratio Lower Upper
113 100
111 103.5 83.4 125.2
192 18.7 14.0 21.0



#36
1,1-Dichloropropene
Concen: 48.881 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20

Tgt Ion: 75 Resp: 171808
Ion Ratio Lower Upper
75 100
110 31.7 17.8 53.5
77 31.0 25.0 37.4

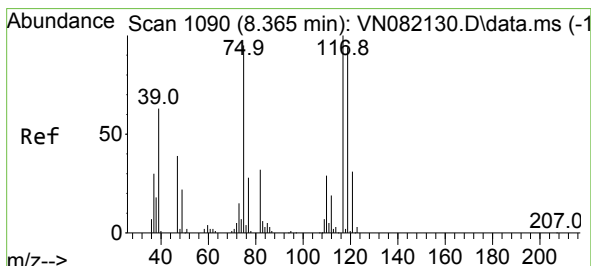
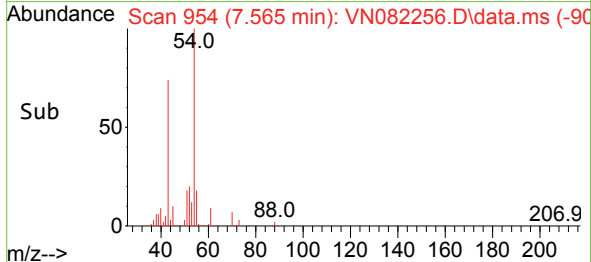
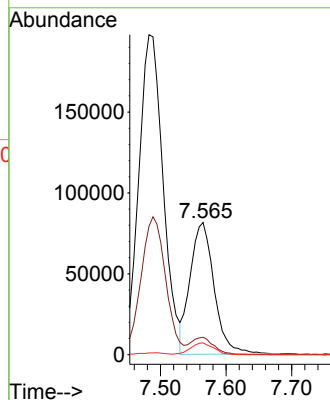
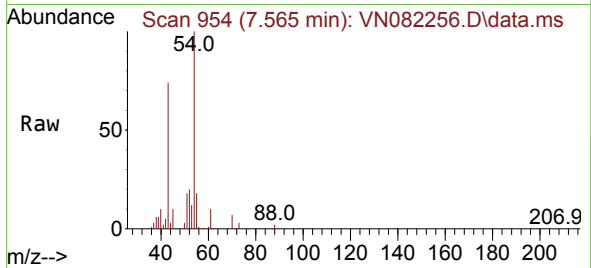




#37
Ethyl Acetate
Concen: 52.720 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20

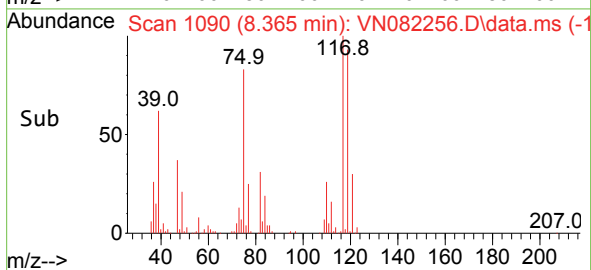
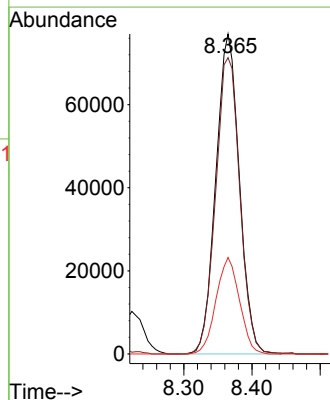
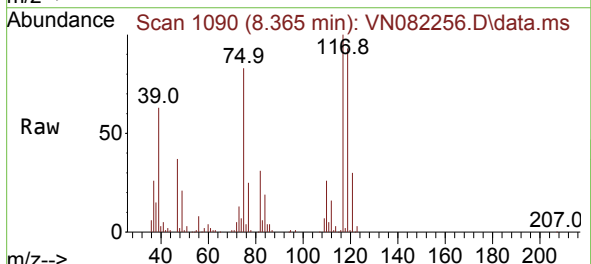
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

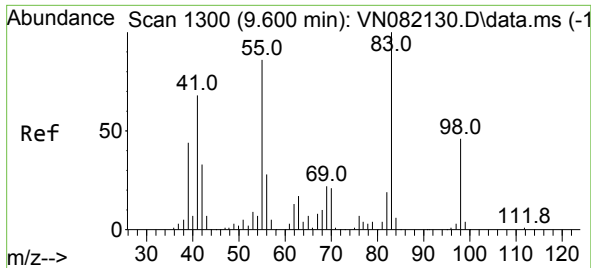
Tgt Ion: 43 Resp: 207375
Ion Ratio Lower Upper
43 100
61 12.9 11.3 16.9
70 8.6 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 51.860 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20

Tgt Ion: 117 Resp: 184777
Ion Ratio Lower Upper
117 100
119 92.6 76.5 114.7
121 30.1 23.9 35.9

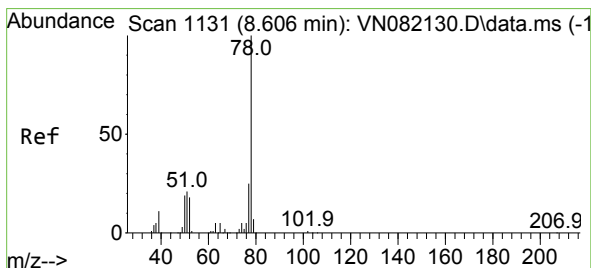
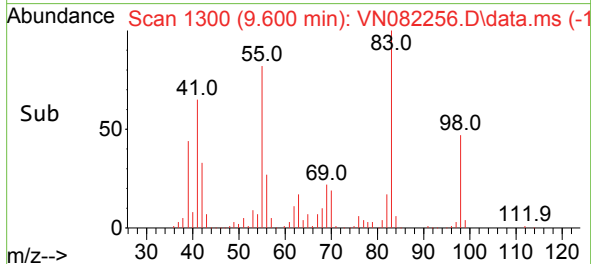
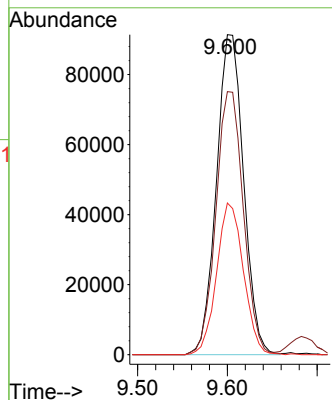
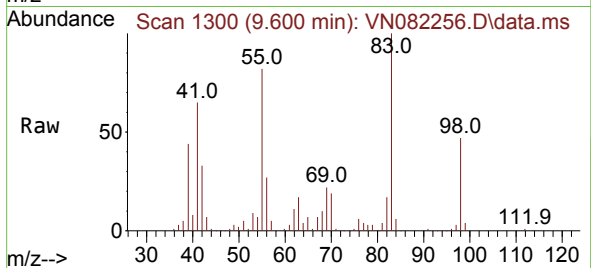




#39
Methylcyclohexane
Concen: 49.870 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20

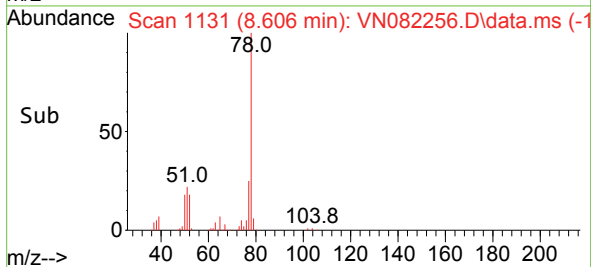
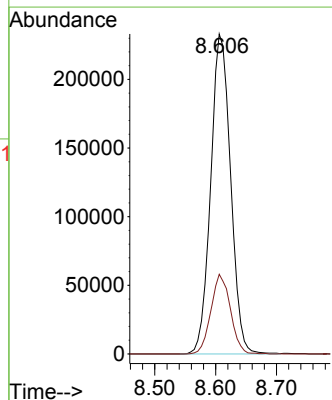
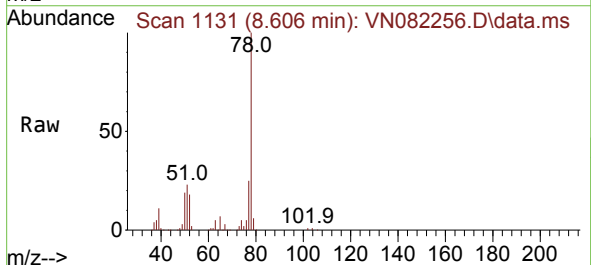
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

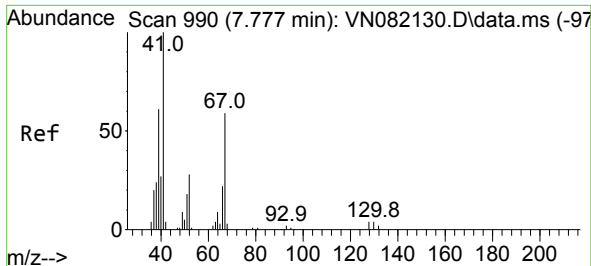
Tgt Ion: 83 Resp: 192136
Ion Ratio Lower Upper
83 100
55 82.2 53.0 79.6#
98 47.4 37.1 55.7



#40
Benzene
Concen: 50.487 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20

Tgt Ion: 78 Resp: 529166
Ion Ratio Lower Upper
78 100
77 24.9 20.0 30.0

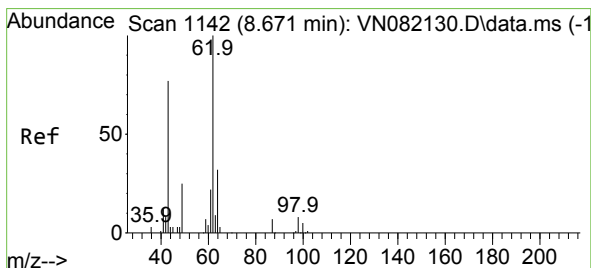
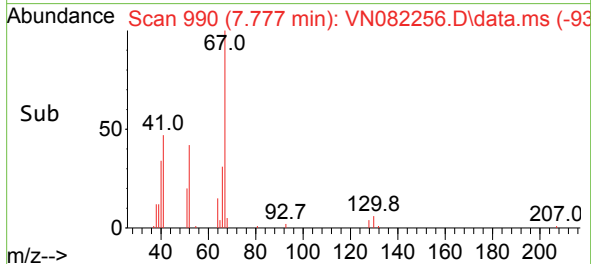
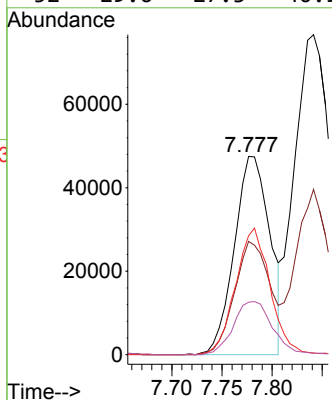
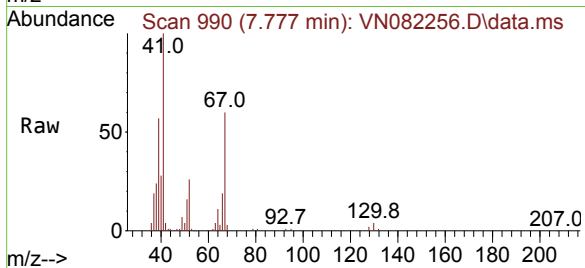




#41
Methacrylonitrile
Concen: 50.737 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20

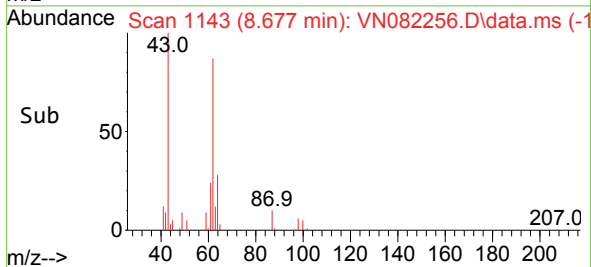
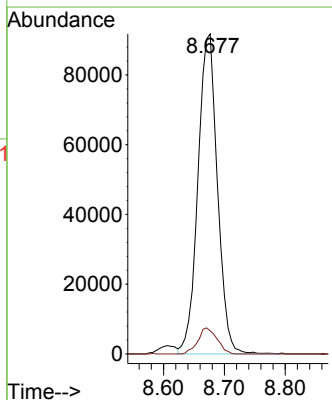
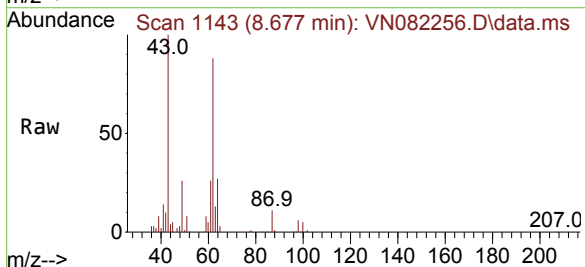
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

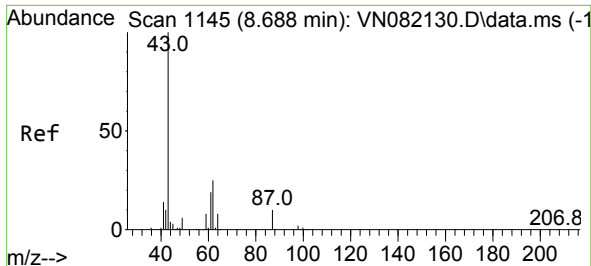
Tgt Ion:	41	Resp:	117373
Ion	Ratio	Lower	Upper
41	100		
39	56.7	46.6	69.8
67	62.3	67.3	100.9
52	29.6	27.3	40.9



#42
1,2-Dichloroethane
Concen: 50.718 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20

Tgt Ion:	62	Resp:	204450
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	19.6

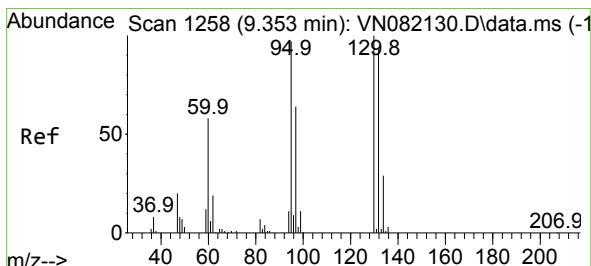
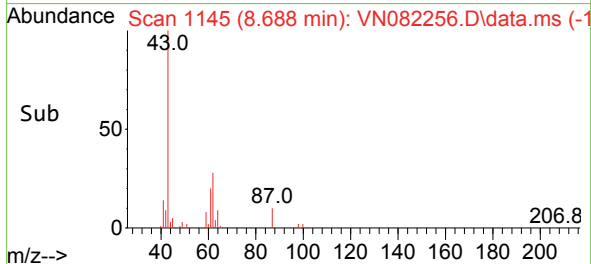
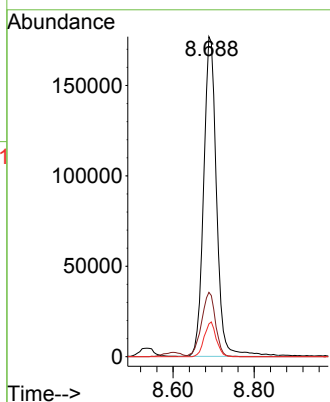
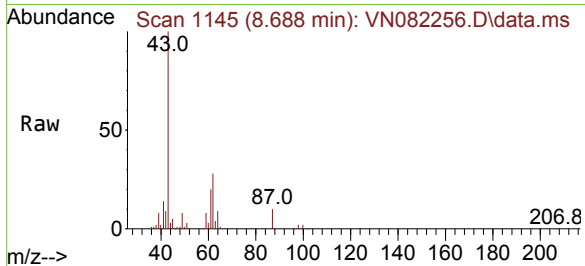




#43
Isopropyl Acetate
Concen: 55.946 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20

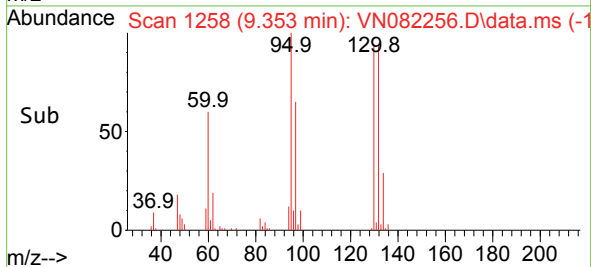
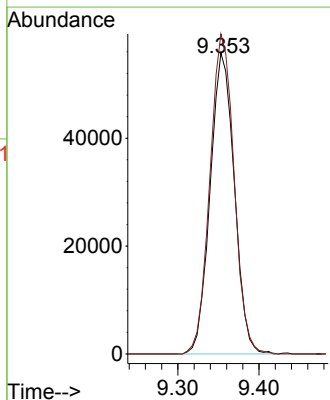
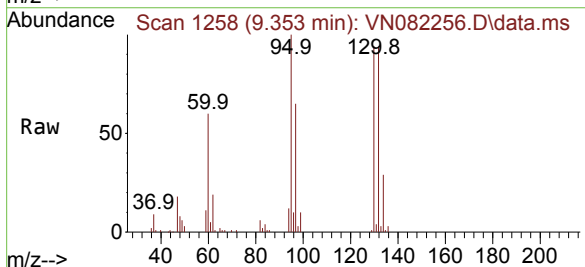
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

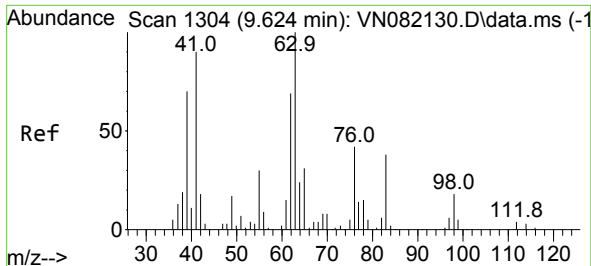
Tgt Ion: 43 Resp: 389940
Ion Ratio Lower Upper
43 100
61 21.7 22.8 34.2#
87 10.1 12.0 18.0#



#44
Trichloroethene
Concen: 48.401 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20

Tgt Ion:130 Resp: 115237
Ion Ratio Lower Upper
130 100
95 106.3 0.0 195.4

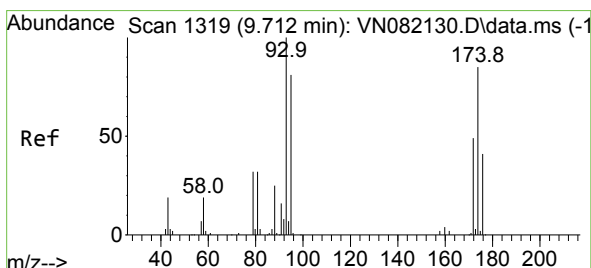
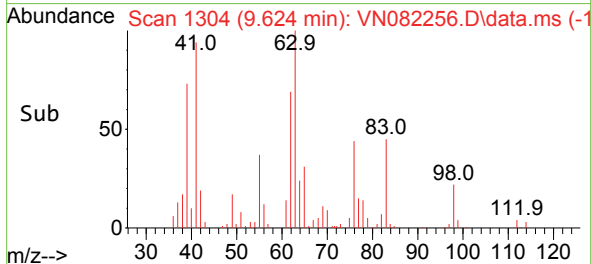
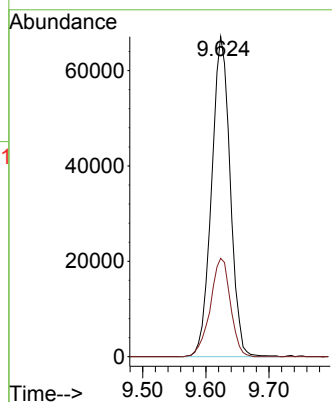
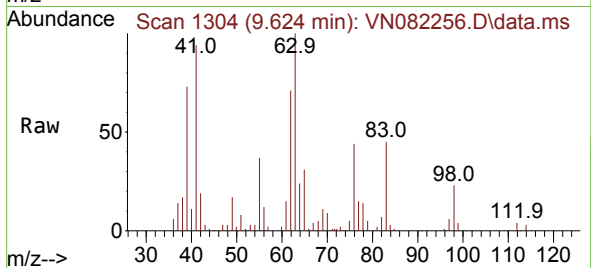




#45
1,2-Dichloropropane
Concen: 50.727 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20

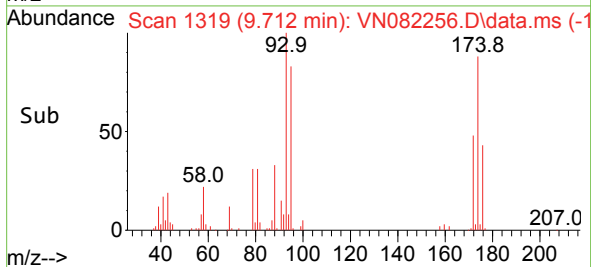
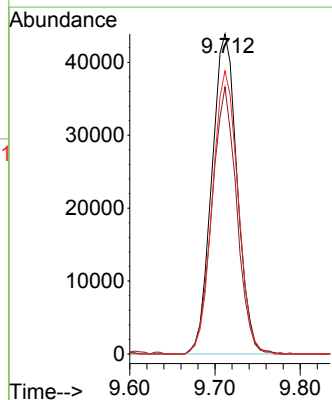
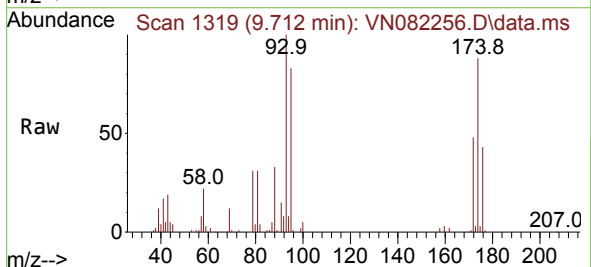
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

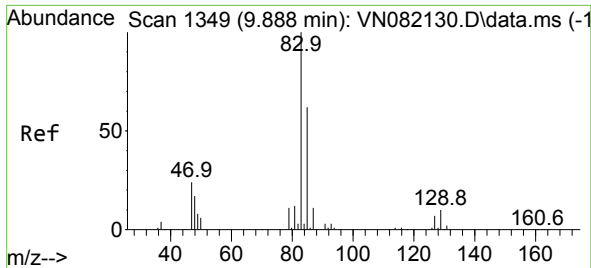
Tgt Ion: 63 Resp: 137180
Ion Ratio Lower Upper
63 100
65 30.7 24.1 36.1



#46
Dibromomethane
Concen: 51.052 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20

Tgt Ion: 93 Resp: 90641
Ion Ratio Lower Upper
93 100
95 81.4 64.8 97.2
174 89.0 73.4 110.0

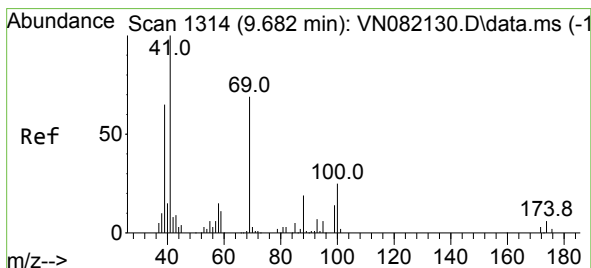
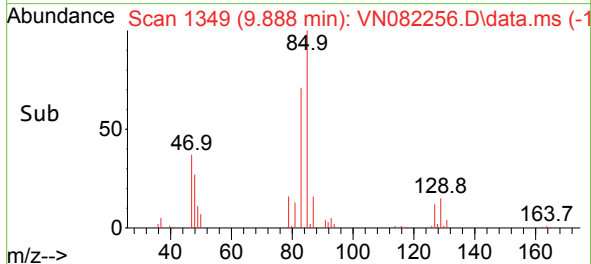
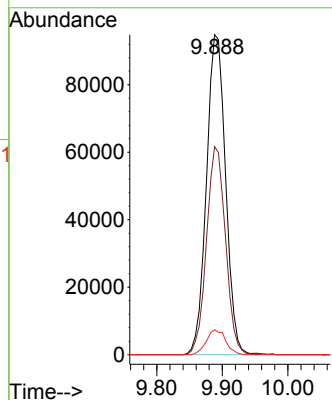
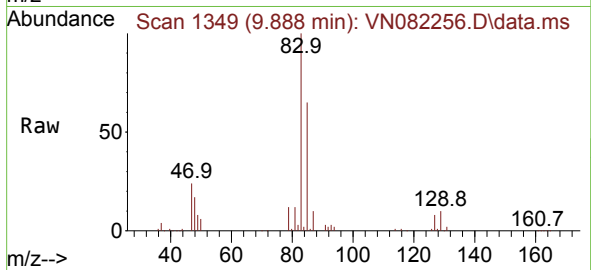




#47
Bromodichloromethane
Concen: 51.501 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20

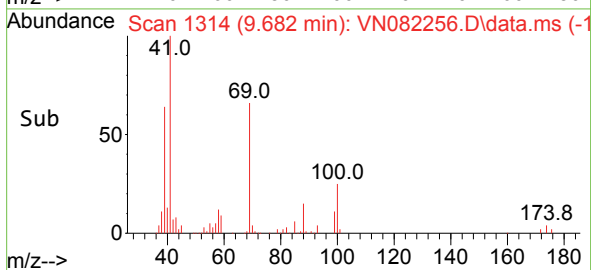
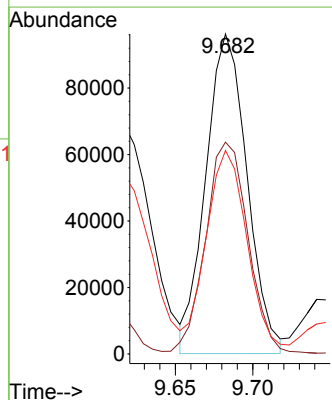
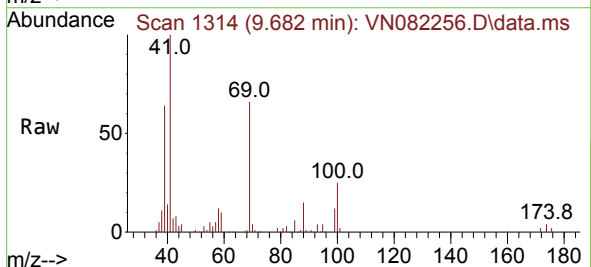
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

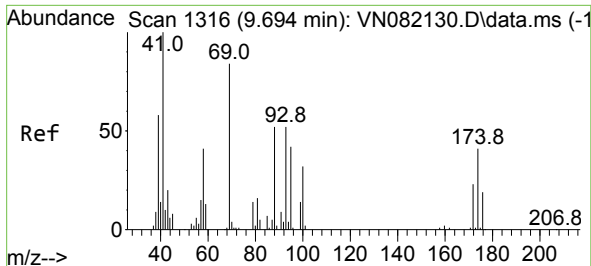
Tgt Ion: 83 Resp: 193032
Ion Ratio Lower Upper
83 100
85 65.0 51.9 77.9
127 7.8 7.5 11.3



#48
Methyl methacrylate
Concen: 53.558 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20

Tgt Ion: 41 Resp: 177876
Ion Ratio Lower Upper
41 100
69 68.9 77.9 116.9#
39 64.4 50.9 76.3





#49

1,4-Dioxane

Concen: 1160.254 ug/l

RT: 9.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082256.D

Acq: 21 May 2024 22:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

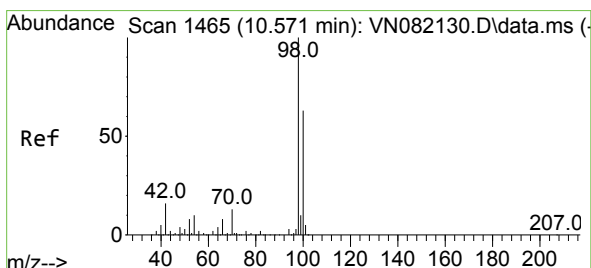
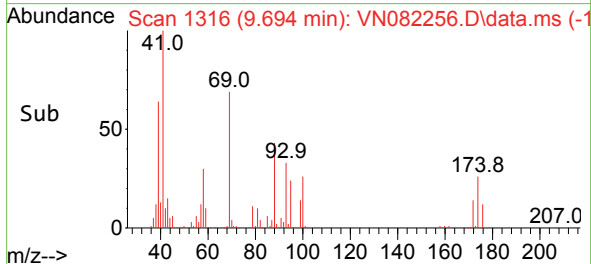
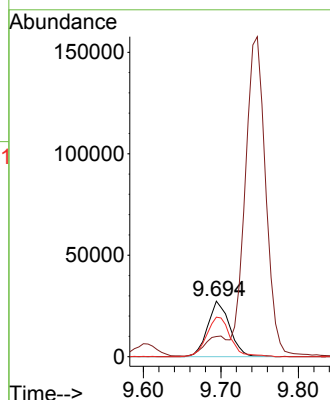
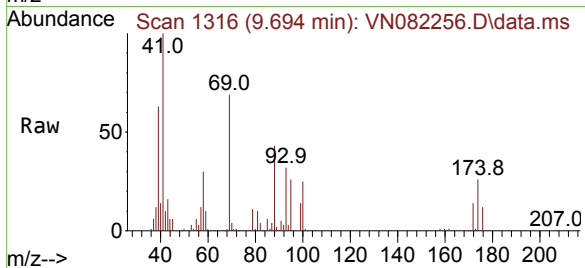
Tgt Ion: 88 Resp: 53997

Ion Ratio Lower Upper

88 100

43 40.4 19.0 28.6#

58 76.9 50.6 76.0#



#50

Toluene-d8

Concen: 48.211 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN082256.D

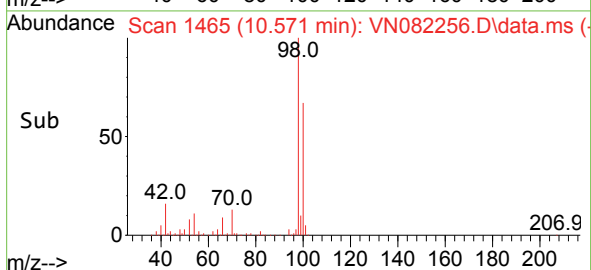
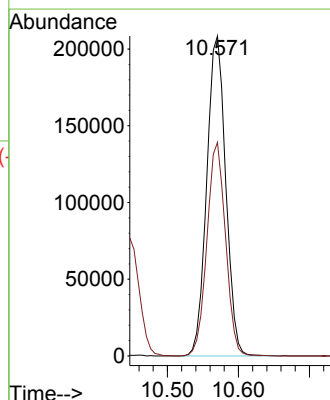
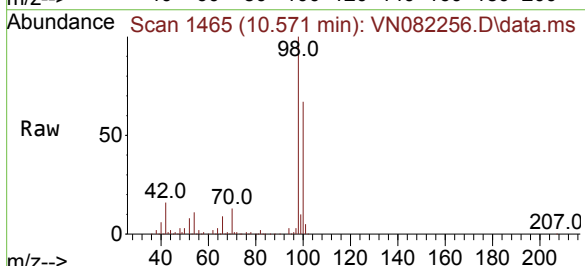
Acq: 21 May 2024 22:20

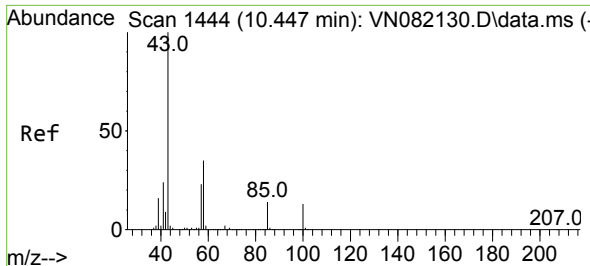
Tgt Ion: 98 Resp: 387366

Ion Ratio Lower Upper

98 100

100 65.4 51.8 77.6





#51

4-Methyl-2-Pentanone

Concen: 277.760 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. -0.000 min

Lab File: VN082256.D

Acq: 21 May 2024 22:20

Instrument :

MSVOA_N

ClientSampleId :

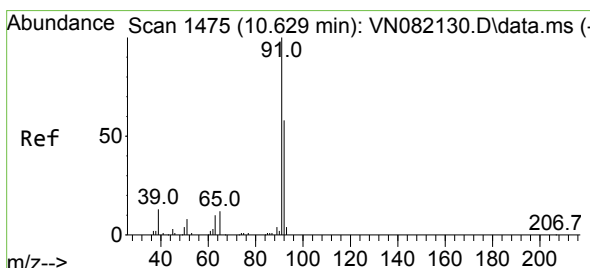
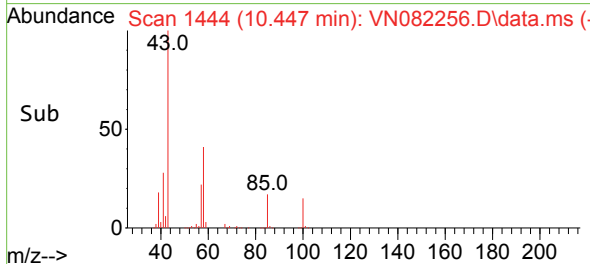
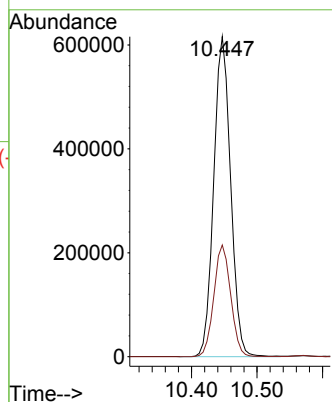
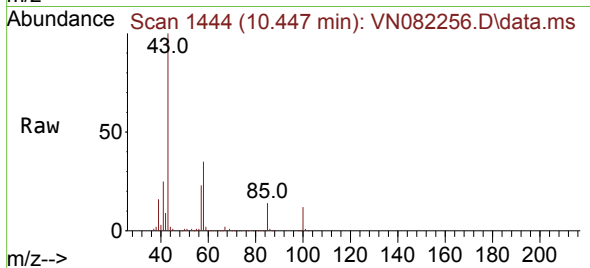
VSTDCCC050

Tgt Ion: 43 Resp: 1099961

Ion Ratio Lower Upper

43 100

58 34.9 33.2 49.8



#52

Toluene

Concen: 52.011 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VN082256.D

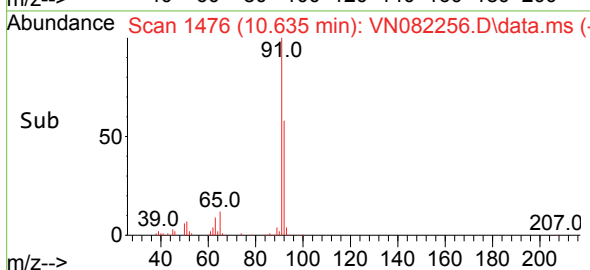
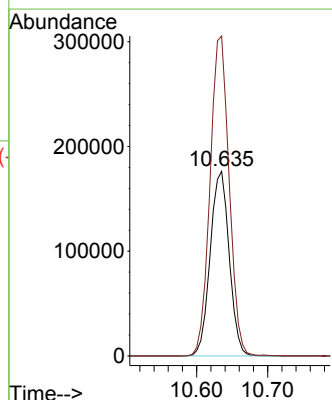
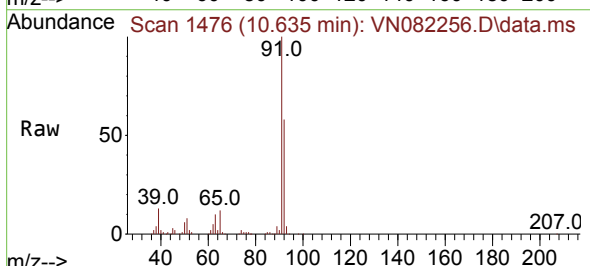
Acq: 21 May 2024 22:20

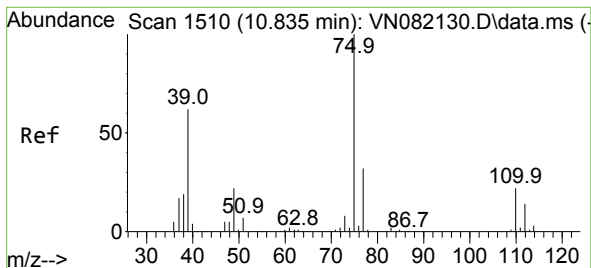
Tgt Ion: 92 Resp: 327144

Ion Ratio Lower Upper

92 100

91 174.3 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 51.286 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. -0.000 min

Lab File: VN082256.D

Acq: 21 May 2024 22:20

Instrument :

MSVOA_N

ClientSampleId :

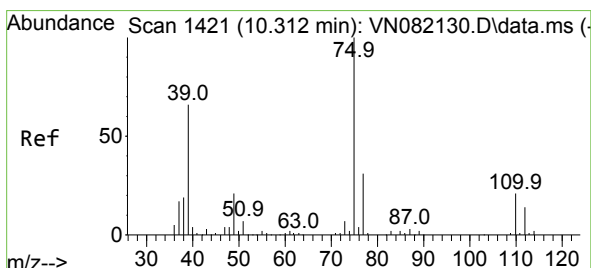
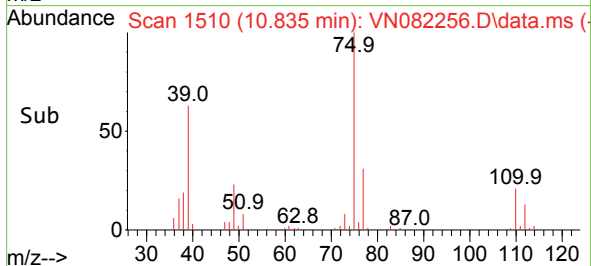
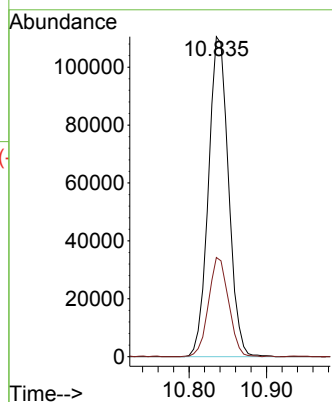
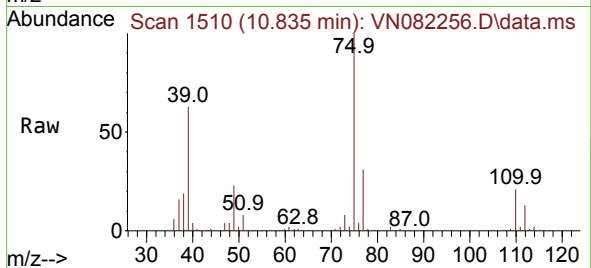
VSTDCCC050

Tgt Ion: 75 Resp: 198807

Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 50.368 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. -0.000 min

Lab File: VN082256.D

Acq: 21 May 2024 22:20

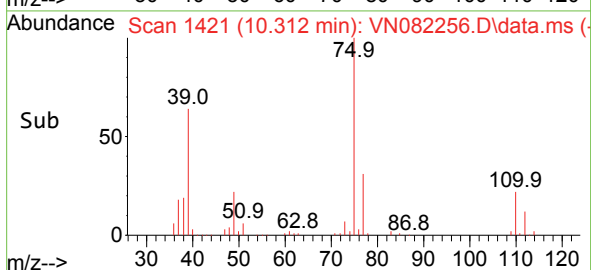
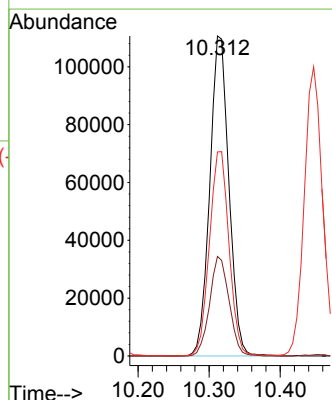
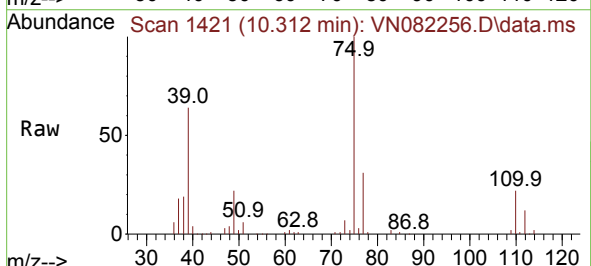
Tgt Ion: 75 Resp: 206673

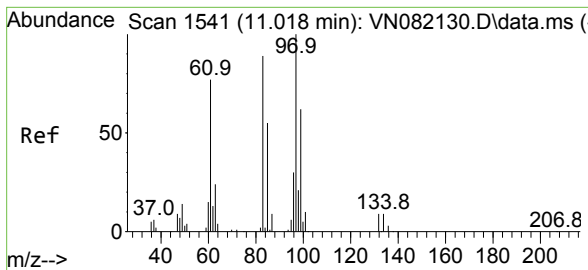
Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.4

39 63.7 34.8 52.2#

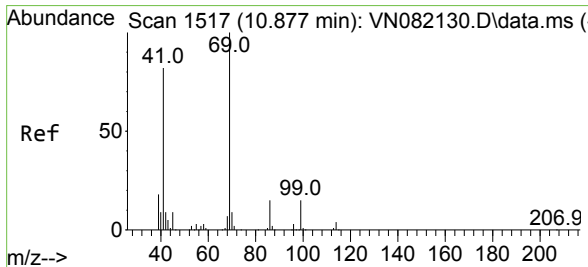
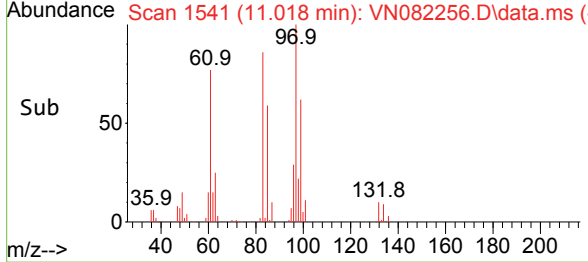
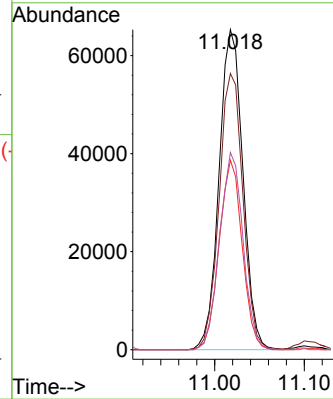
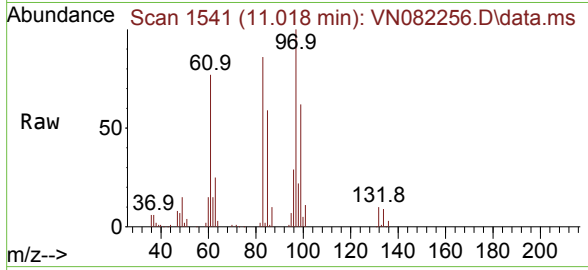




#55
 1,1,2-Trichloroethane
 Concen: 52.642 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN082256.D
 Acq: 21 May 2024 22:20

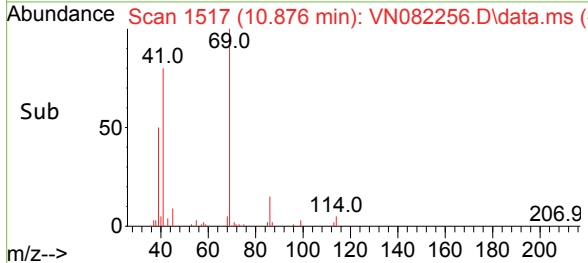
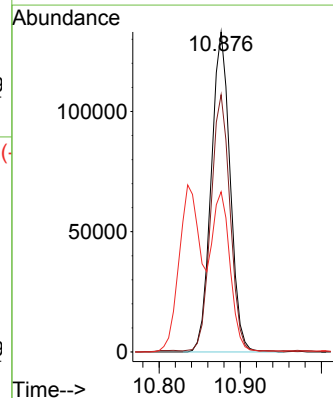
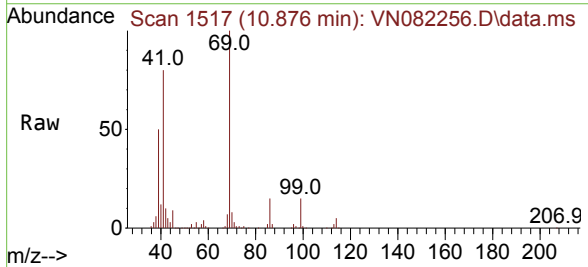
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

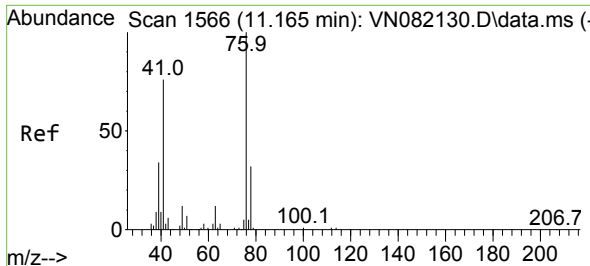
Tgt Ion:	97	Resp:	120329
Ion	Ratio	Lower	Upper
97	100		
83	86.3	70.4	105.6
85	59.2	45.6	68.4
99	61.6	50.9	76.3



#56
 Ethyl methacrylate
 Concen: 55.466 ug/l
 RT: 10.876 min Scan# 1517
 Delta R.T. -0.000 min
 Lab File: VN082256.D
 Acq: 21 May 2024 22:20

Tgt Ion:	69	Resp:	215252
Ion	Ratio	Lower	Upper
69	100		
41	80.7	46.6	70.0#
39	47.0	26.5	39.7#





#57

1,3-Dichloropropane

Concen: 51.066 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN082256.D

Acq: 21 May 2024 22:20

Instrument :

MSVOA_N

ClientSampleId :

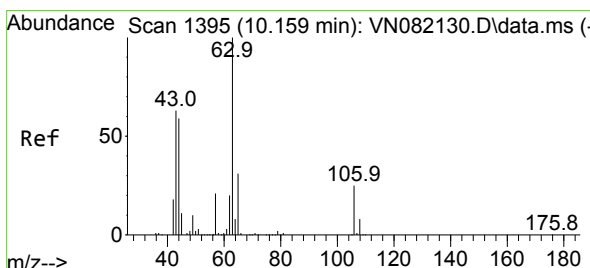
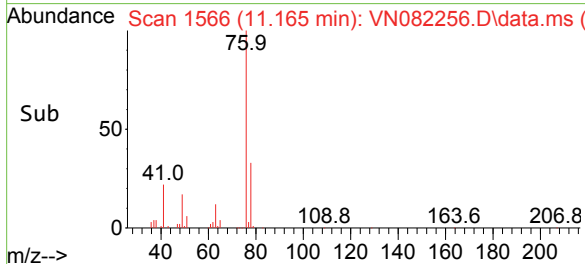
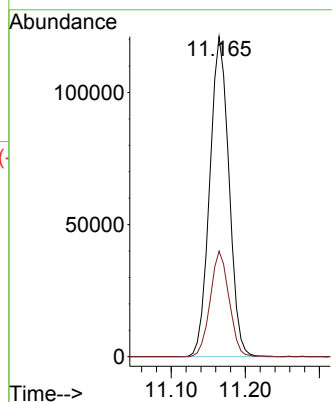
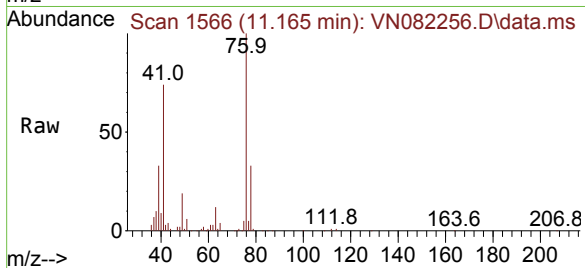
VSTDCCC050

Tgt Ion: 76 Resp: 218245

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 270.138 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN082256.D

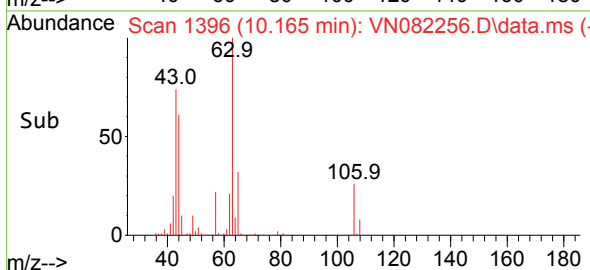
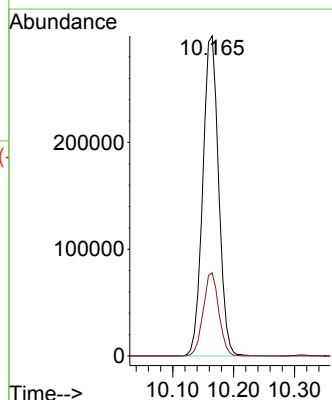
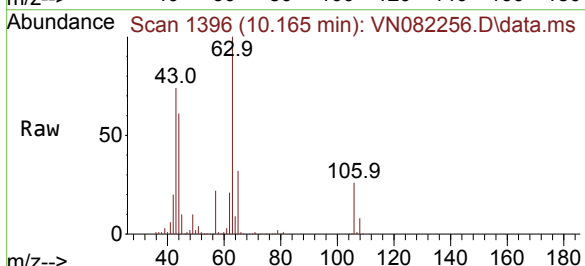
Acq: 21 May 2024 22:20

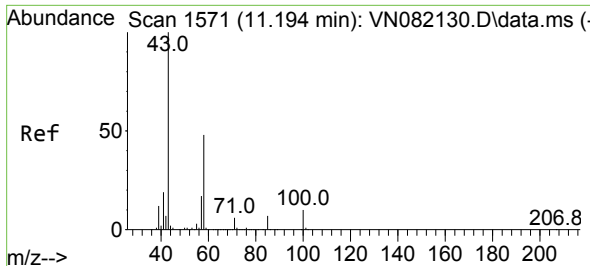
Tgt Ion: 63 Resp: 540741

Ion Ratio Lower Upper

63 100

106 25.7 24.6 36.8

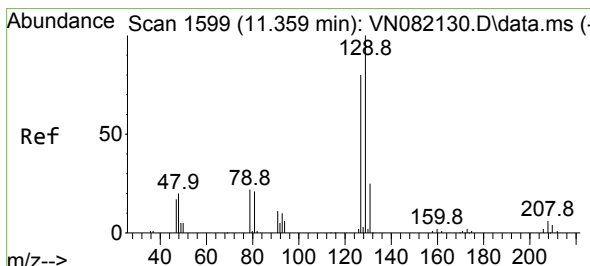
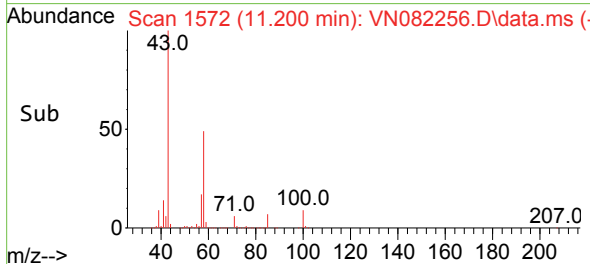
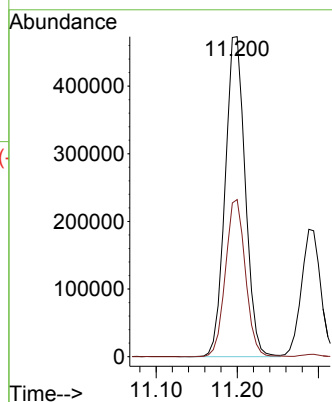
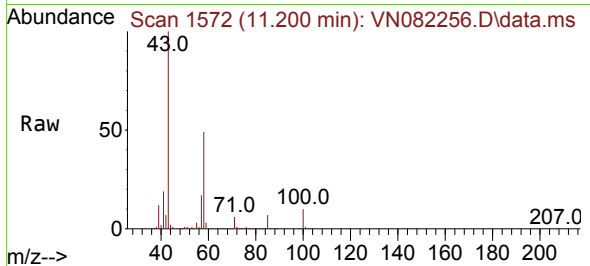




#59
2-Hexanone
Concen: 280.762 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20

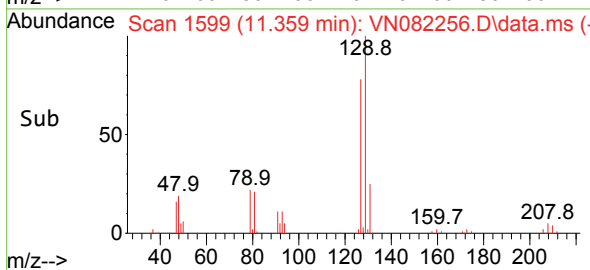
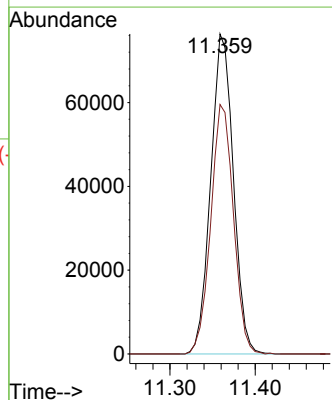
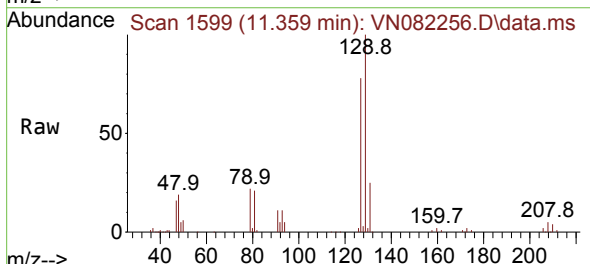
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

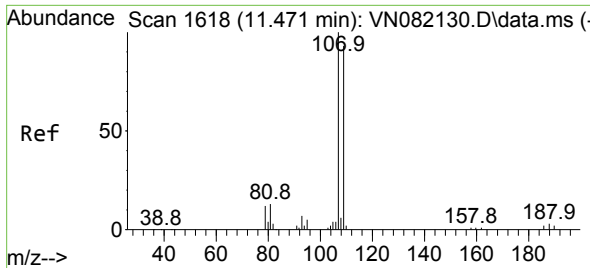
Tgt Ion: 43 Resp: 814103
Ion Ratio Lower Upper
43 100
58 48.8 28.3 84.9



#60
Dibromochloromethane
Concen: 55.797 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20

Tgt Ion:129 Resp: 140748
Ion Ratio Lower Upper
129 100
127 78.1 38.3 114.8

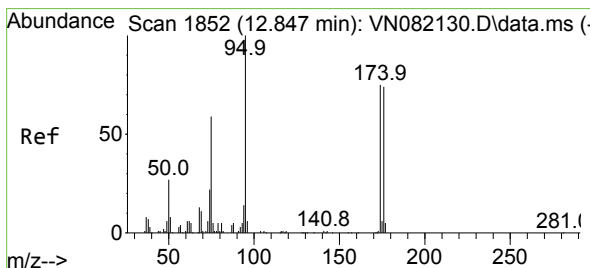
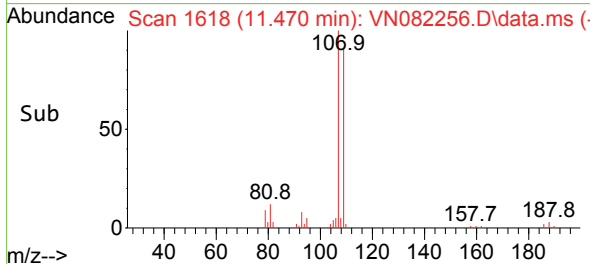
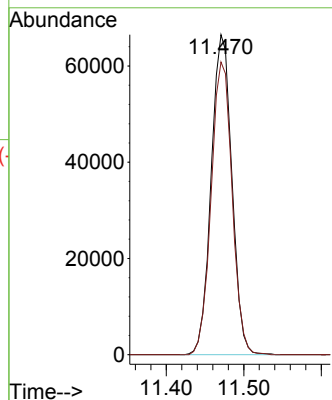
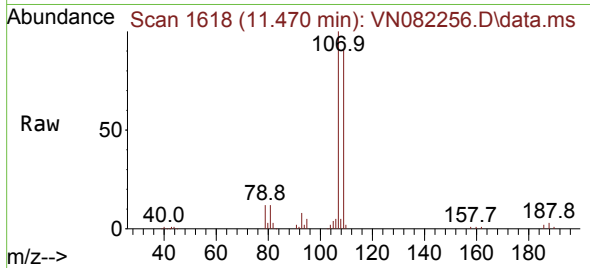




#61
1,2-Dibromoethane
Concen: 52.550 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20

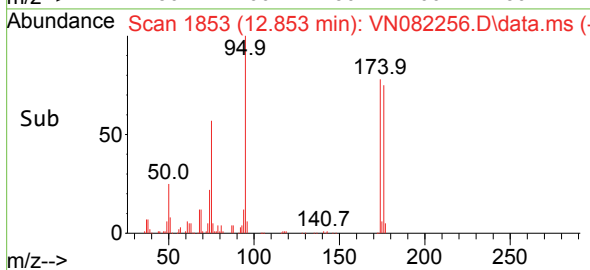
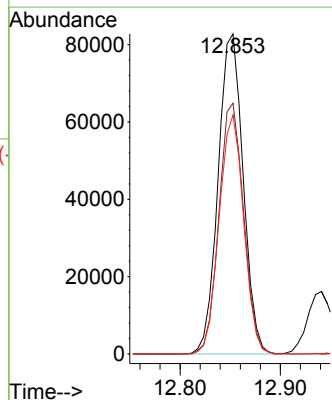
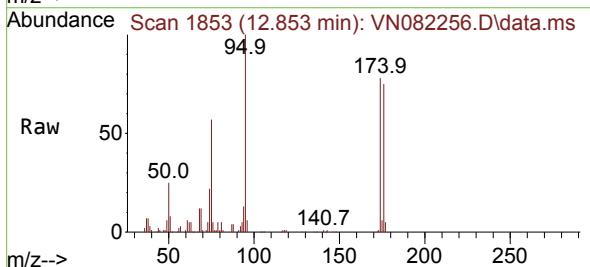
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

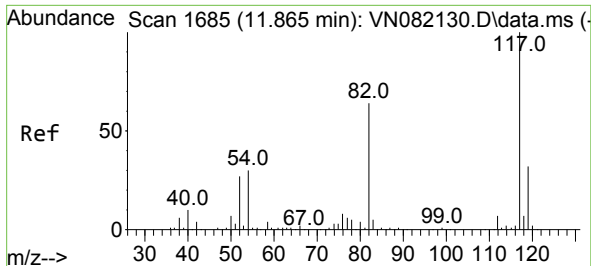
Tgt Ion:107 Resp: 123378
Ion Ratio Lower Upper
107 100
109 92.6 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 50.026 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20

Tgt Ion: 95 Resp: 143464
Ion Ratio Lower Upper
95 100
174 77.4 0.0 160.6
176 73.2 0.0 152.8

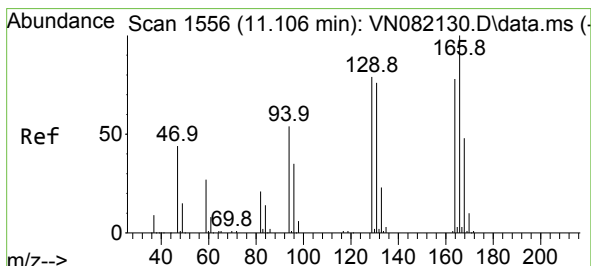
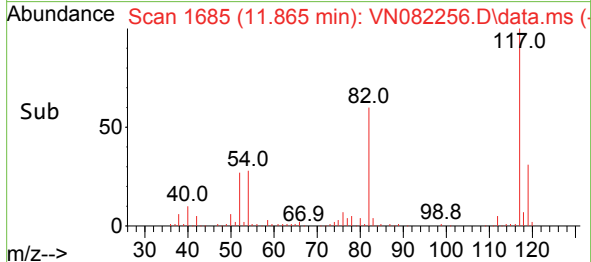
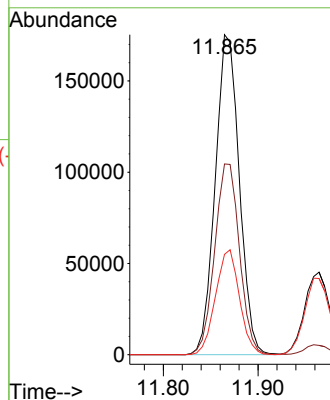
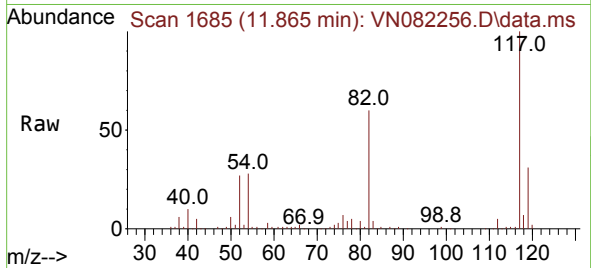




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20

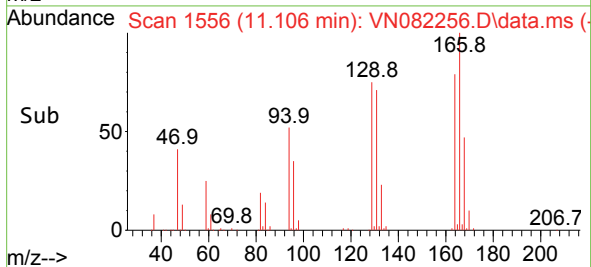
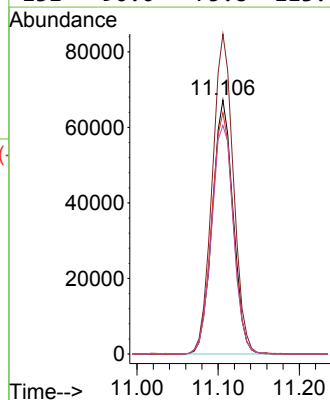
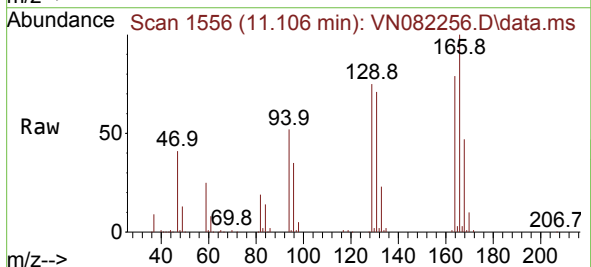
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

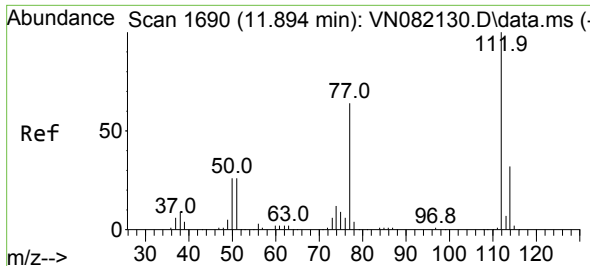
Tgt Ion:117 Resp: 310141
Ion Ratio Lower Upper
117 100
82 59.6 44.6 66.8
119 31.3 25.9 38.9



#64
Tetrachloroethene
Concen: 52.178 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20

Tgt Ion:164 Resp: 119944
Ion Ratio Lower Upper
164 100
166 126.0 97.6 146.4
129 95.0 73.7 110.5
131 90.0 75.8 113.6

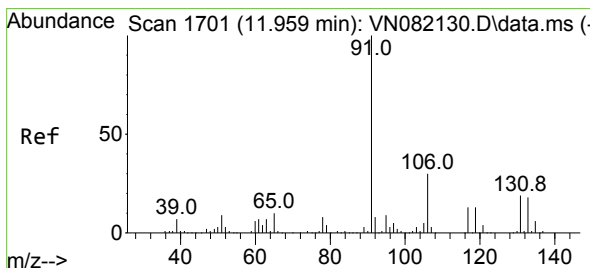
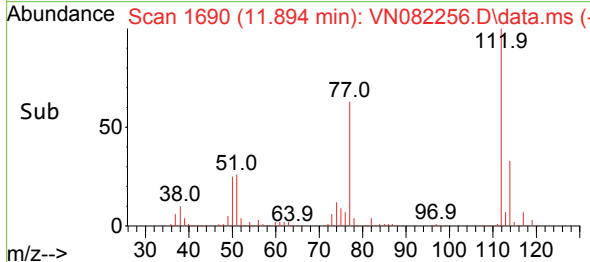
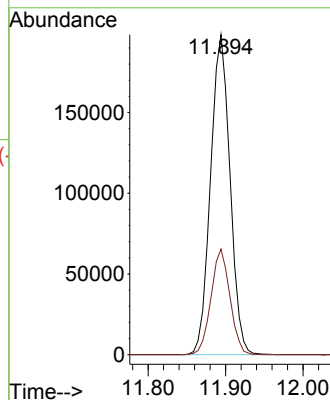
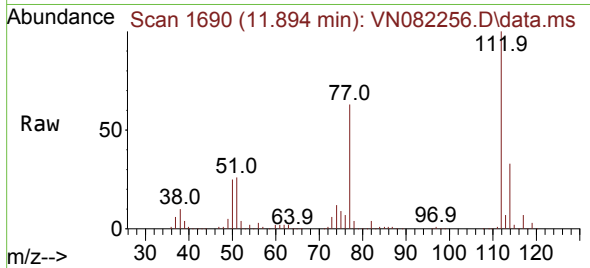




#65
Chlorobenzene
Concen: 50.457 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20

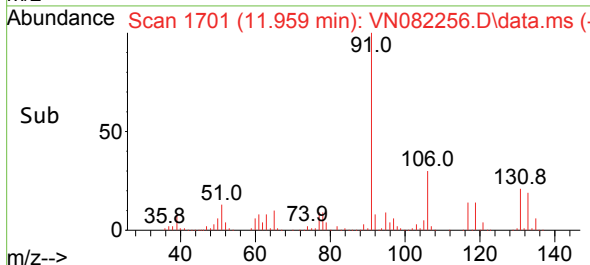
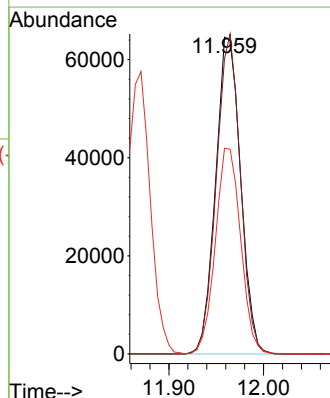
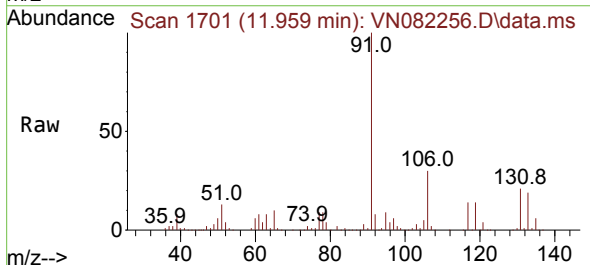
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

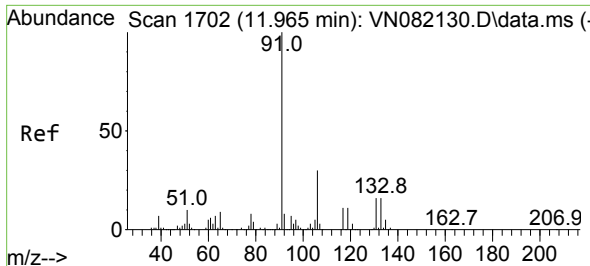
Tgt Ion:112 Resp: 345704
Ion Ratio Lower Upper
112 100
114 33.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 52.614 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20

Tgt Ion:131 Resp: 118740
Ion Ratio Lower Upper
131 100
133 96.8 47.5 142.6
119 65.6 32.9 98.7

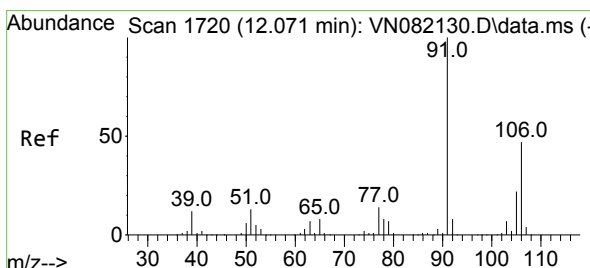
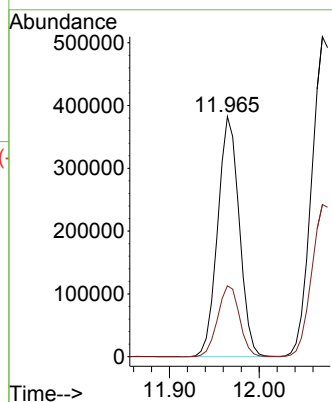
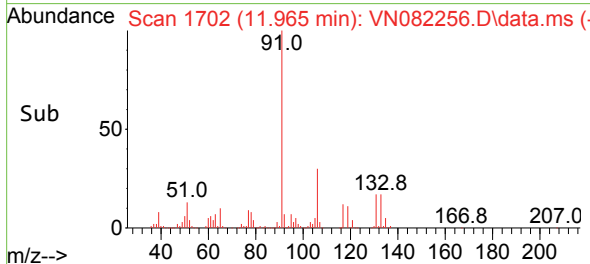
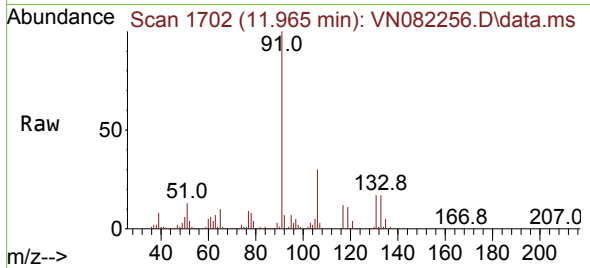




#67
Ethyl Benzene
Concen: 51.982 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20

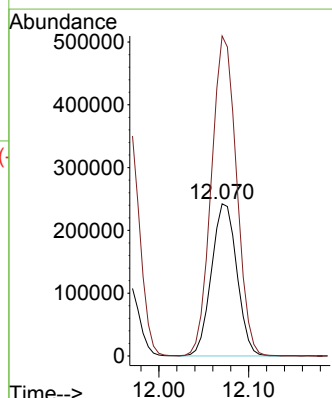
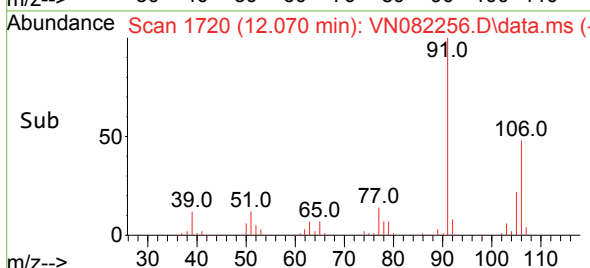
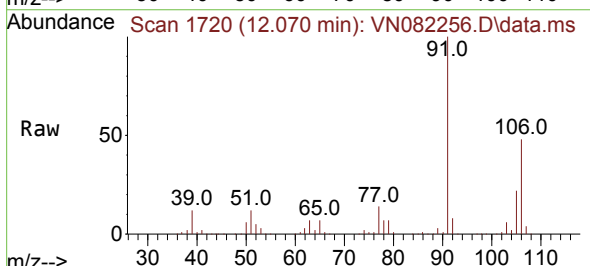
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

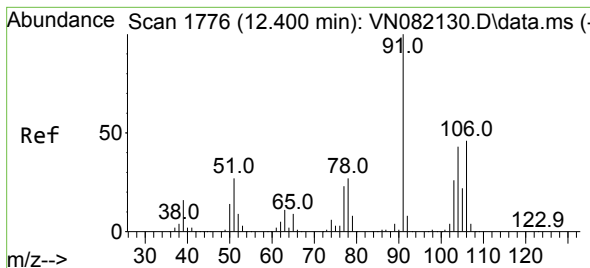
Tgt Ion: 91 Resp: 637107
Ion Ratio Lower Upper
91 100
106 29.5 25.3 37.9



#68
m/p-Xylenes
Concen: 106.125 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20

Tgt Ion:106 Resp: 476716
Ion Ratio Lower Upper
106 100
91 208.4 159.4 239.0





#69

o-Xylene

Concen: 53.294 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN082256.D

Acq: 21 May 2024 22:20

Instrument :

MSVOA_N

ClientSampleId :

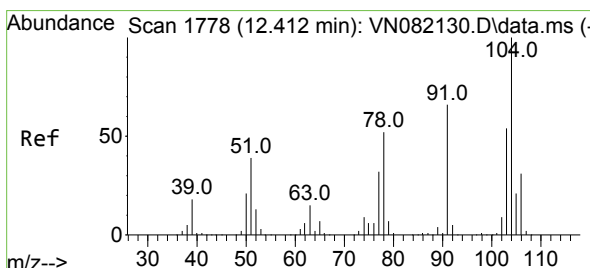
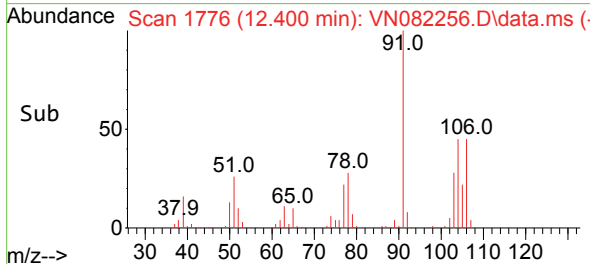
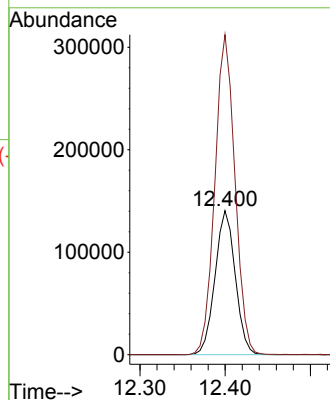
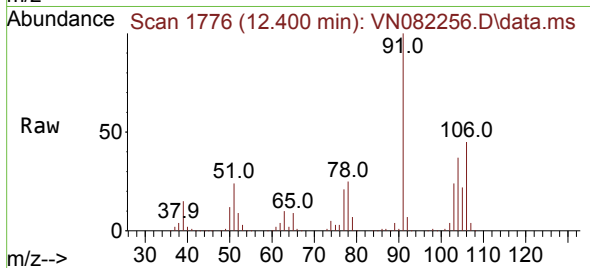
VSTDCCC050

Tgt Ion:106 Resp: 231897

Ion Ratio Lower Upper

106 100

91 221.0 104.7 314.1



#70

Styrene

Concen: 54.659 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN082256.D

Acq: 21 May 2024 22:20

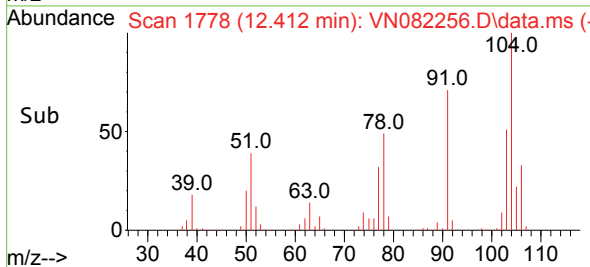
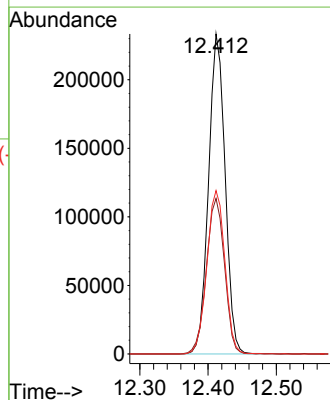
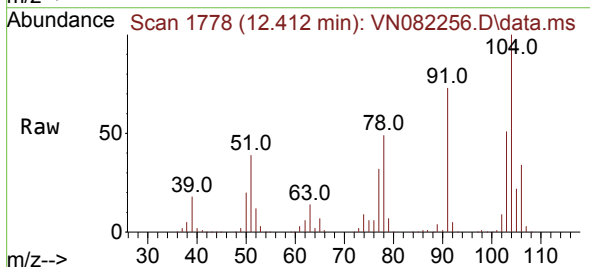
Tgt Ion:104 Resp: 395049

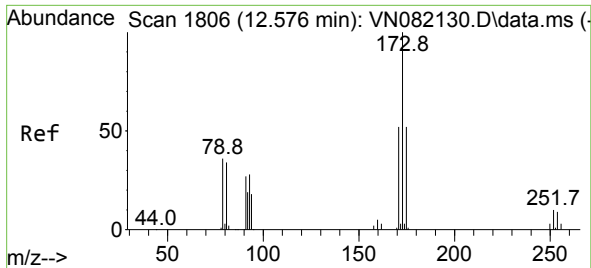
Ion Ratio Lower Upper

104 100

78 53.2 38.6 58.0

103 55.5 43.8 65.6

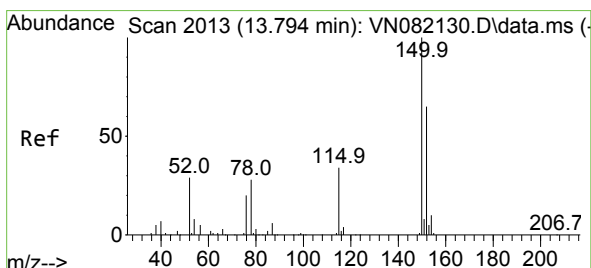
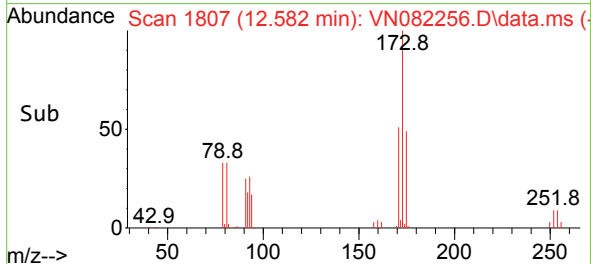
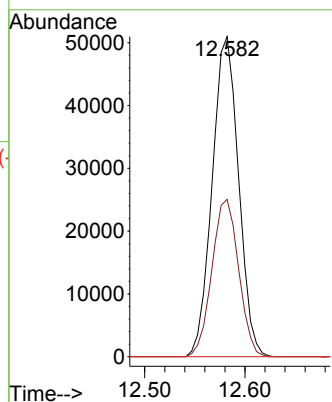
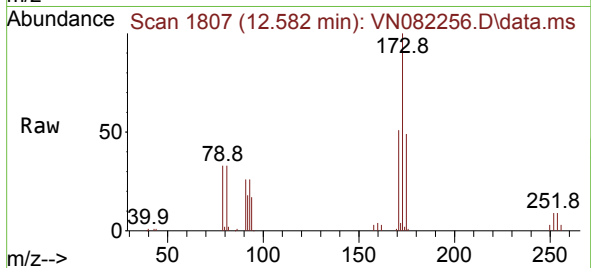




#71
Bromoform
Concen: 51.865 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20

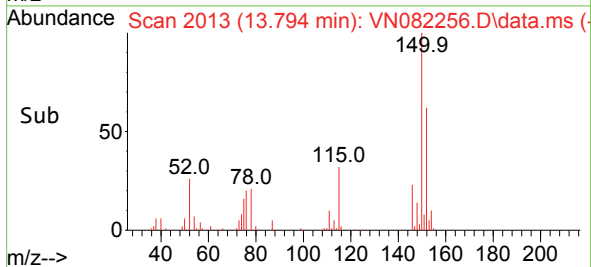
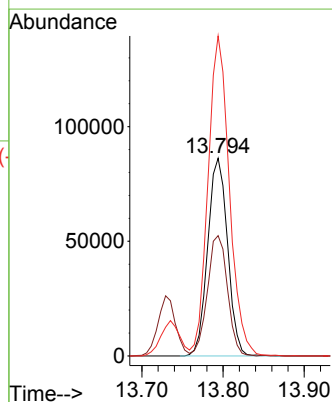
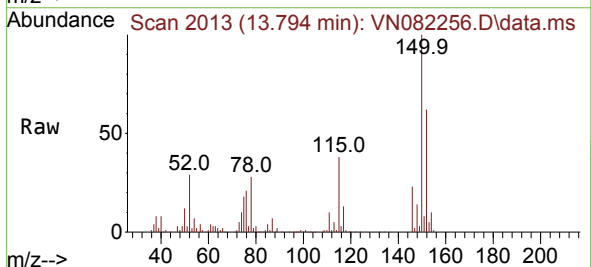
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

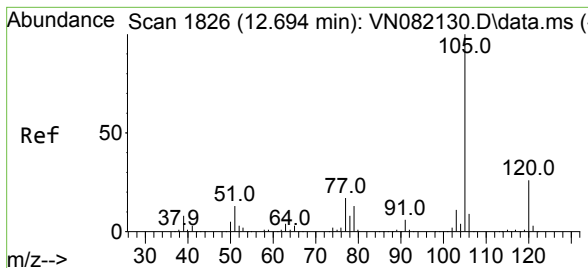
Tgt Ion:173 Resp: 93143
Ion Ratio Lower Upper
173 100
175 49.8 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20

Tgt Ion:152 Resp: 146381
Ion Ratio Lower Upper
152 100
115 61.5 30.4 91.3
150 173.9 0.0 353.2





#73

Isopropylbenzene

Concen: 51.071 ug/l

RT: 12.700 min Scan# 1826

Delta R.T. 0.006 min

Lab File: VN082256.D

Acq: 21 May 2024 22:20

Instrument :

MSVOA_N

ClientSampleId :

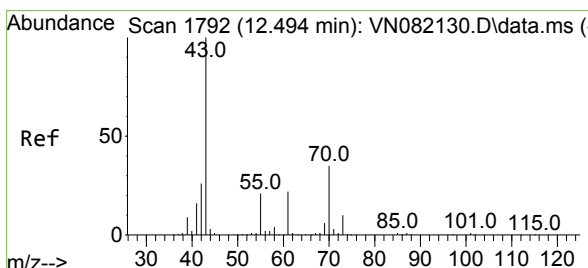
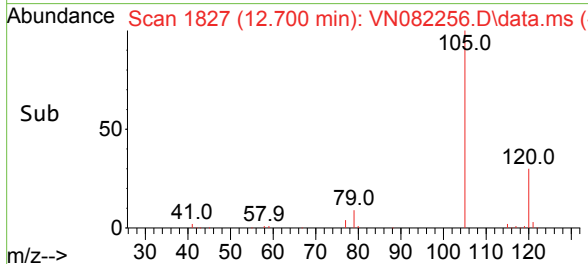
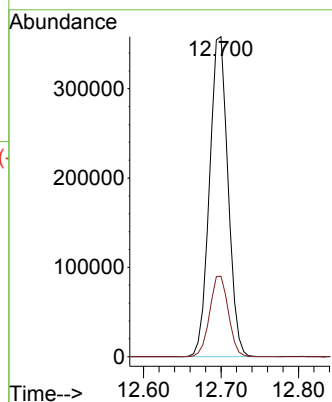
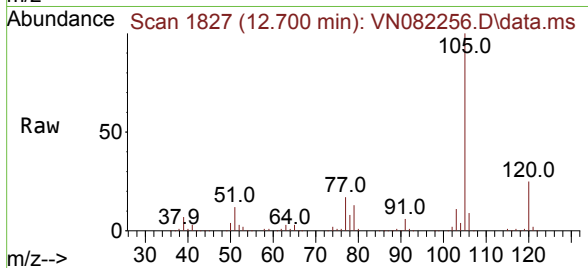
VSTDCCC050

Tgt Ion:105 Resp: 593917

Ion Ratio Lower Upper

105 100

120 25.4 13.4 40.1



#74

N-ethyl acetate

Concen: 51.468 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN082256.D

Acq: 21 May 2024 22:20

Tgt Ion: 43 Resp: 329223

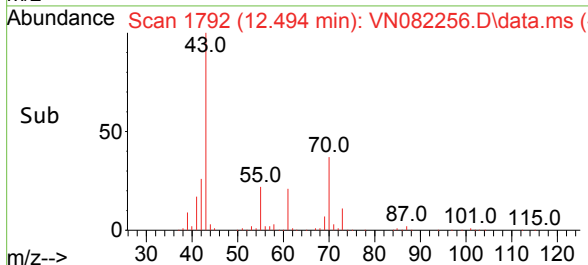
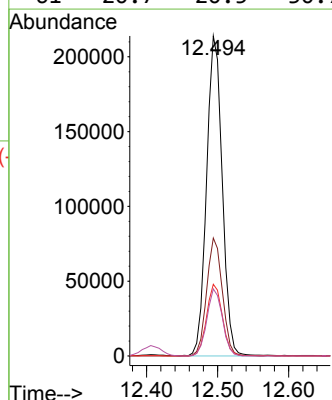
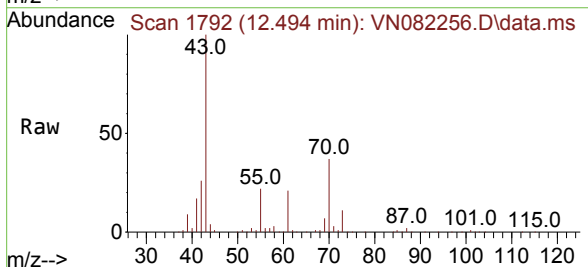
Ion Ratio Lower Upper

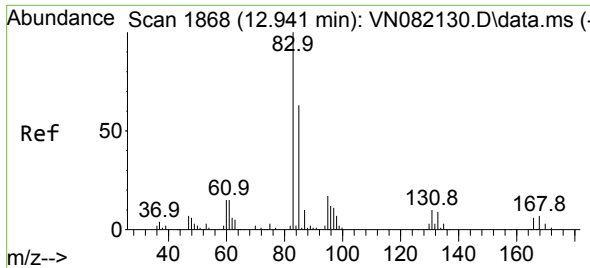
43 100

70 36.7 39.0 58.4#

55 22.6 21.3 31.9

61 20.7 20.5 30.7

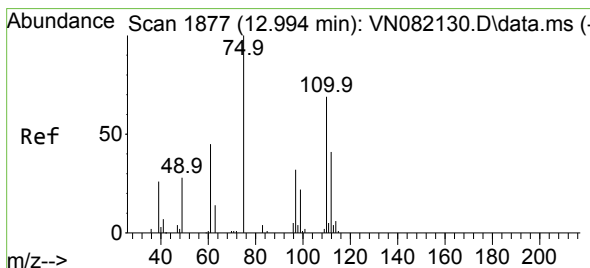
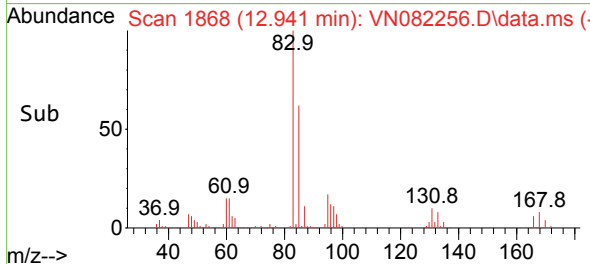
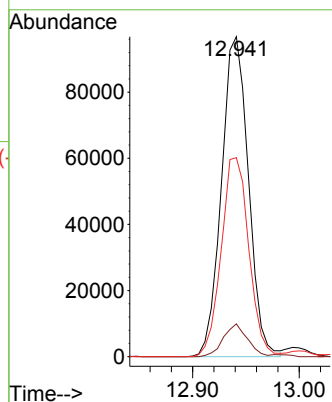
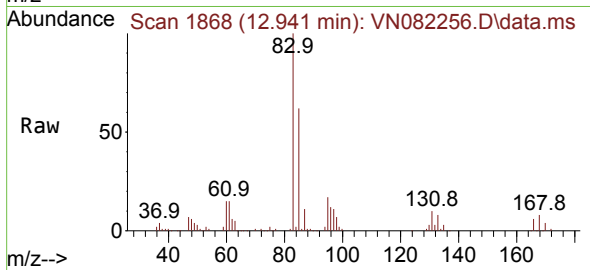




#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.722 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: VN082256.D
 Acq: 21 May 2024 22:20

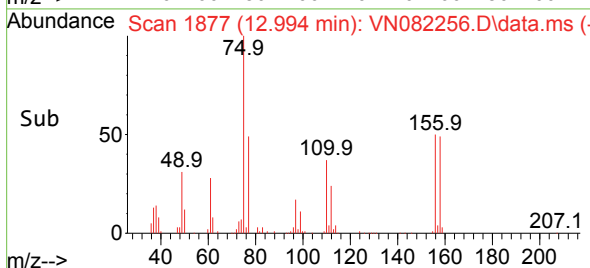
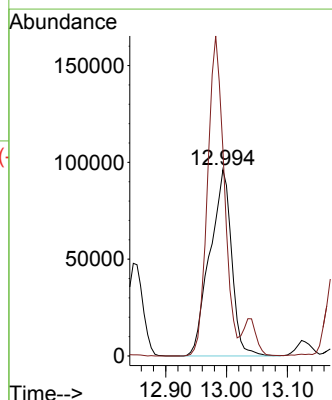
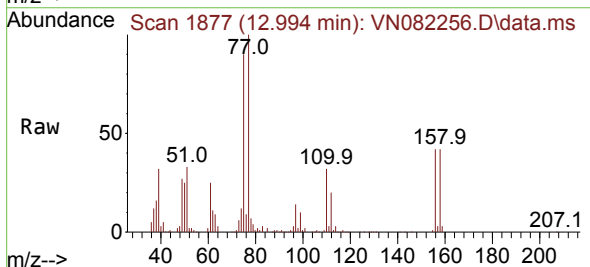
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

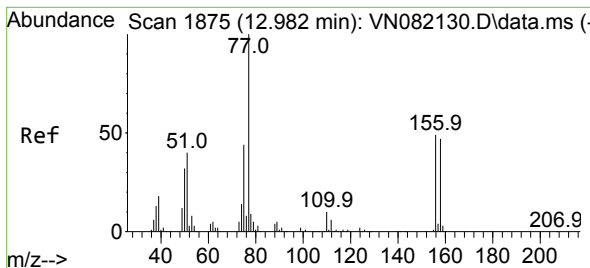
Tgt Ion: 83 Resp: 170033
 Ion Ratio Lower Upper
 83 100
 131 9.6 5.5 16.4
 85 63.7 32.9 98.6



#76
 1,2,3-Trichloropropane
 Concen: 77.664 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VN082256.D
 Acq: 21 May 2024 22:20

Tgt Ion: 75 Resp: 239281
 Ion Ratio Lower Upper
 75 100
 77 131.2 90.5 271.3





#77

Bromobenzene

Concen: 50.185 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN082256.D

Acq: 21 May 2024 22:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

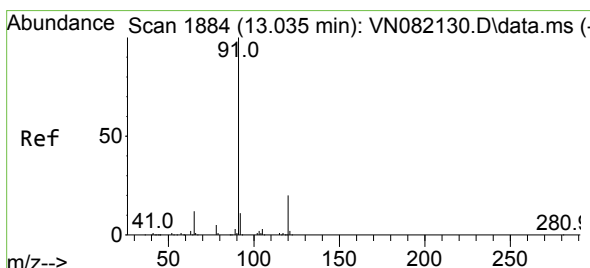
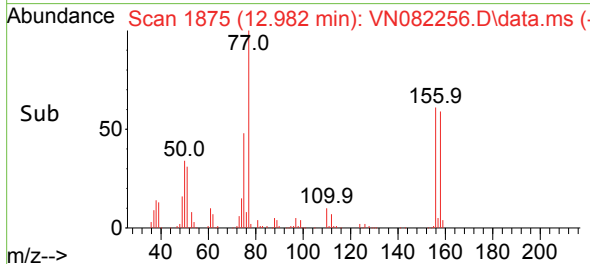
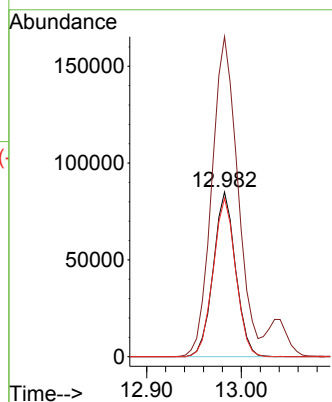
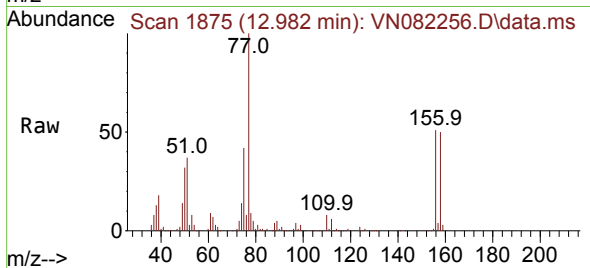
Tgt Ion:156 Resp: 139082

Ion Ratio Lower Upper

156 100

77 225.8 100.2 300.6

158 97.2 49.1 147.3



#78

n-propylbenzene

Concen: 51.303 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN082256.D

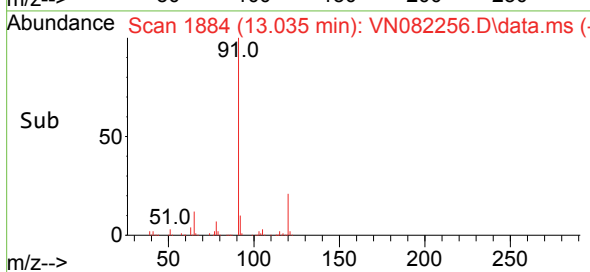
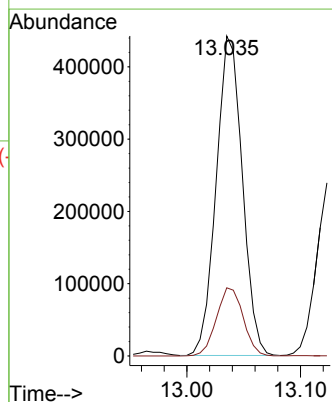
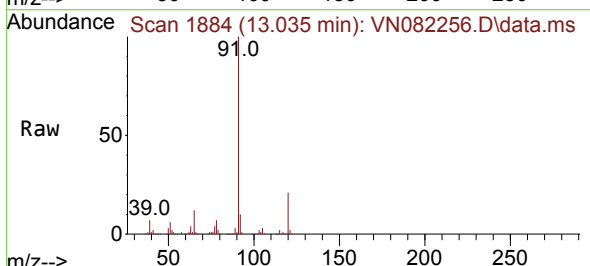
Acq: 21 May 2024 22:20

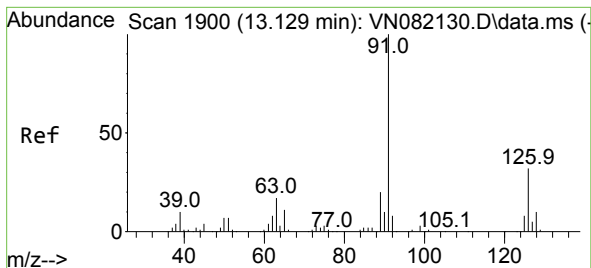
Tgt Ion: 91 Resp: 706482

Ion Ratio Lower Upper

91 100

120 21.8 11.7 35.0

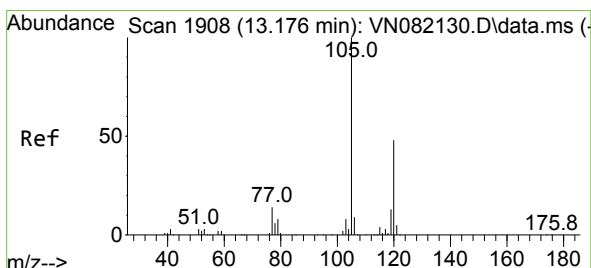
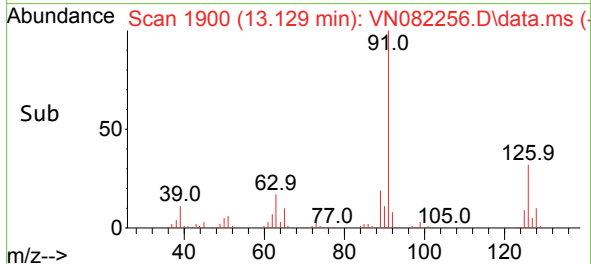
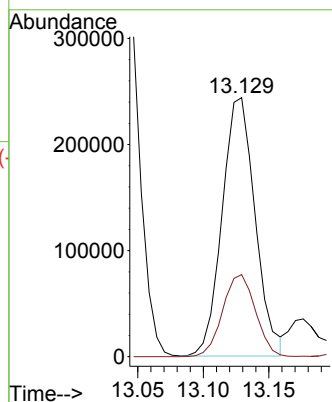
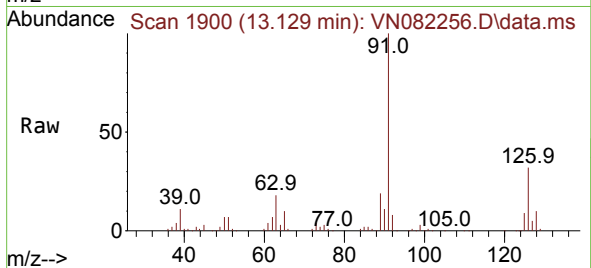




#79
2-Chlorotoluene
Concen: 49.419 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20

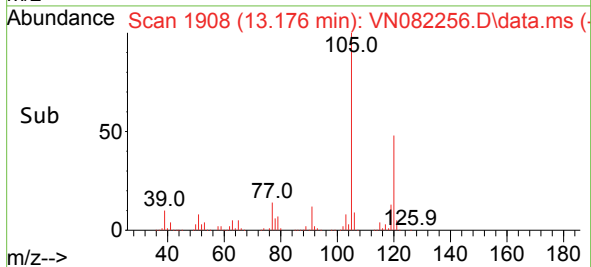
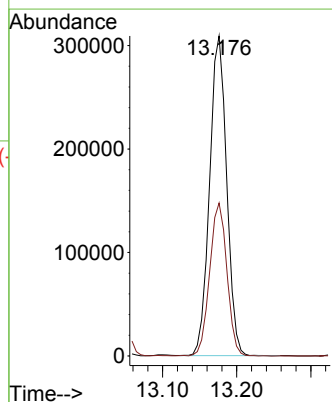
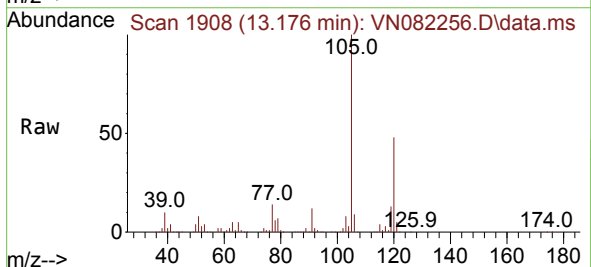
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

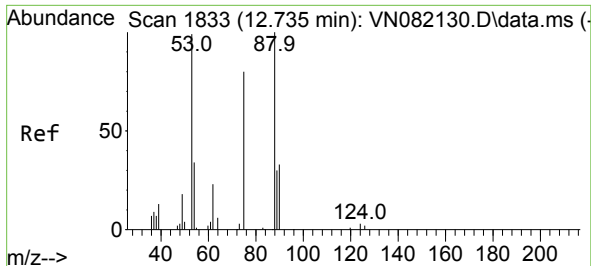
Tgt Ion: 91 Resp: 427339
Ion Ratio Lower Upper
91 100
126 31.5 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 52.541 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20

Tgt Ion: 105 Resp: 494058
Ion Ratio Lower Upper
105 100
120 48.3 24.8 74.3

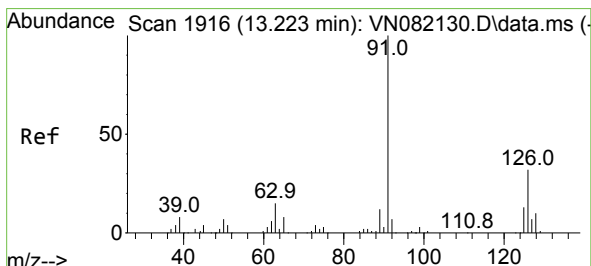
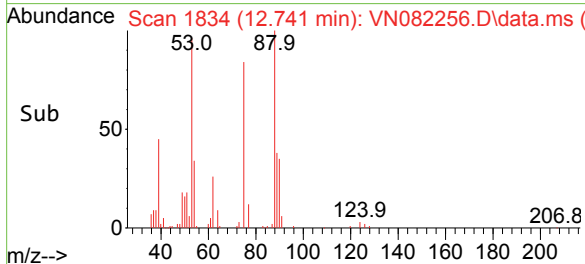
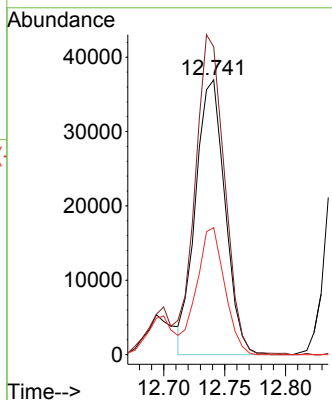
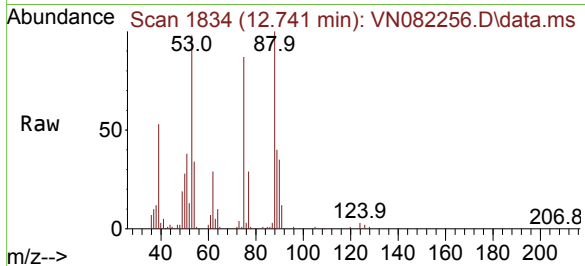




#81
trans-1,4-Dichloro-2-butene
Concen: 47.146 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20

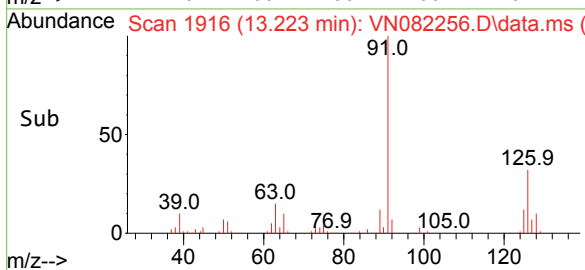
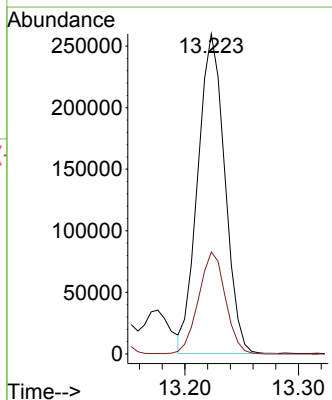
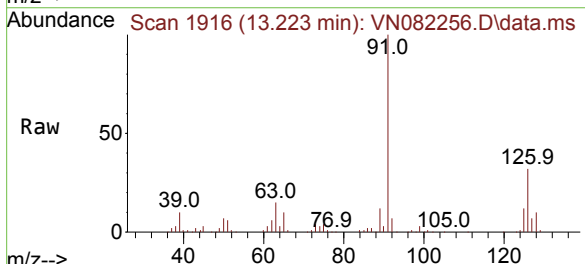
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

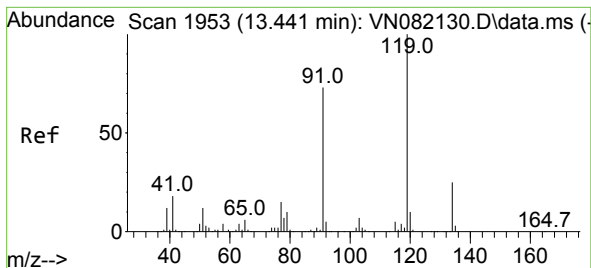
Tgt Ion: 75 Resp: 62102
Ion Ratio Lower Upper
75 100
53 117.4 72.9 109.3#
89 44.4 39.1 58.7



#82
4-Chlorotoluene
Concen: 50.599 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20

Tgt Ion: 91 Resp: 427799
Ion Ratio Lower Upper
91 100
126 31.8 17.4 52.3

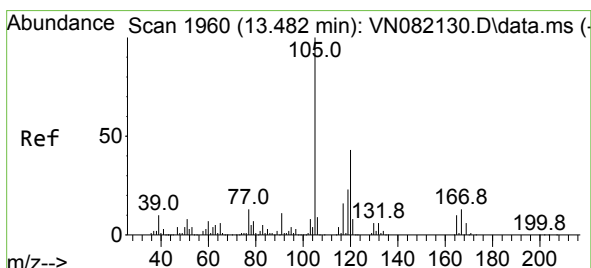
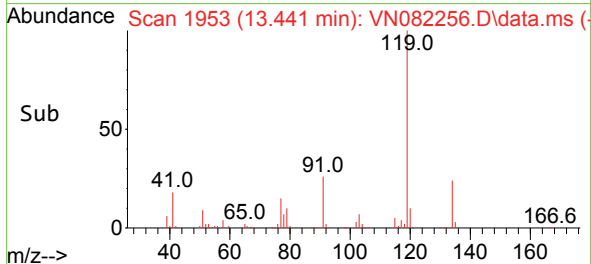
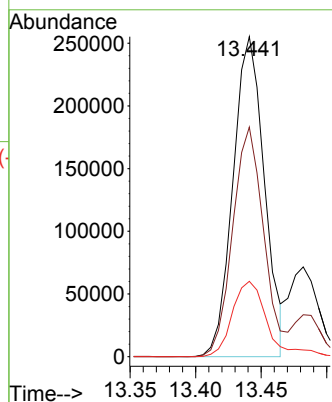
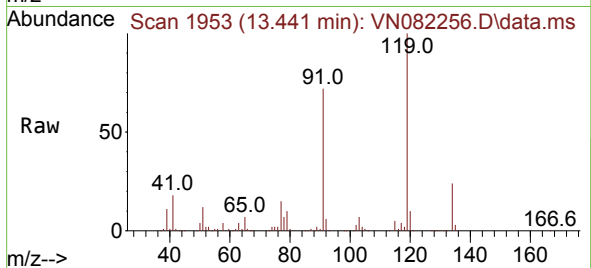




#83
tert-Butylbenzene
Concen: 51.721 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20

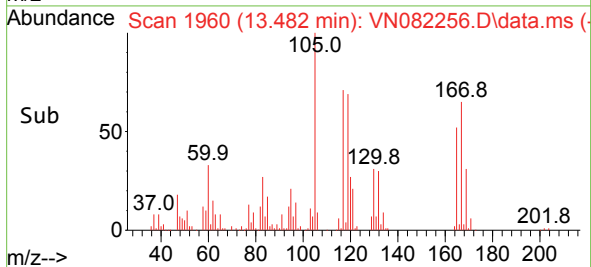
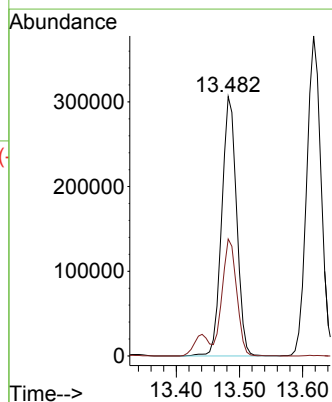
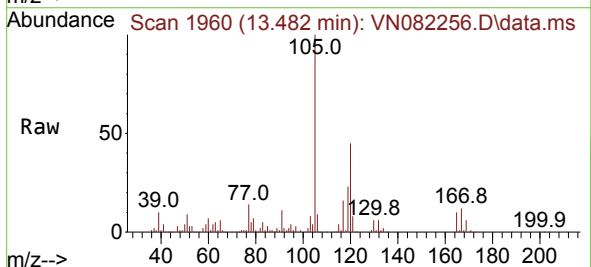
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

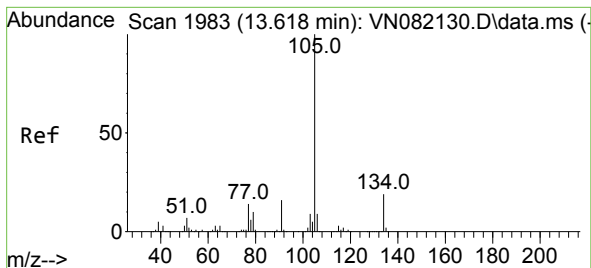
Tgt Ion:119 Resp: 425478
Ion Ratio Lower Upper
119 100
91 71.6 32.6 97.8
134 26.3 12.4 37.0



#84
1,2,4-Trimethylbenzene
Concen: 52.056 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20

Tgt Ion:105 Resp: 500800
Ion Ratio Lower Upper
105 100
120 43.7 22.9 68.7





#85

sec-Butylbenzene

Concen: 52.285 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN082256.D

Acq: 21 May 2024 22:20

Instrument :

MSVOA_N

ClientSampleId :

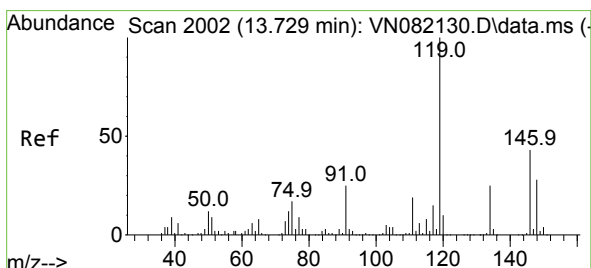
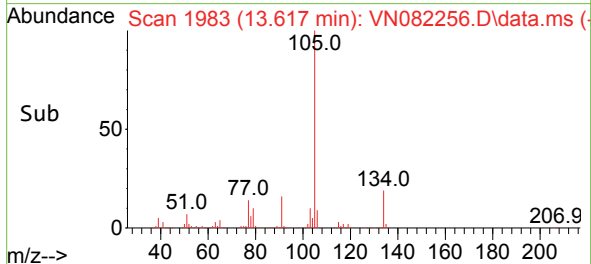
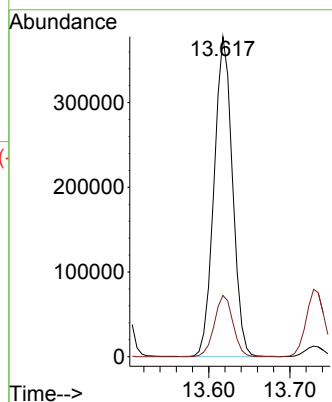
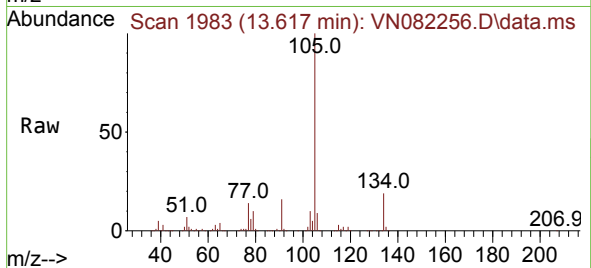
VSTDCCC050

Tgt Ion:105 Resp: 596183

Ion Ratio Lower Upper

105 100

134 19.3 10.2 30.4



#86

p-Isopropyltoluene

Concen: 53.213 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN082256.D

Acq: 21 May 2024 22:20

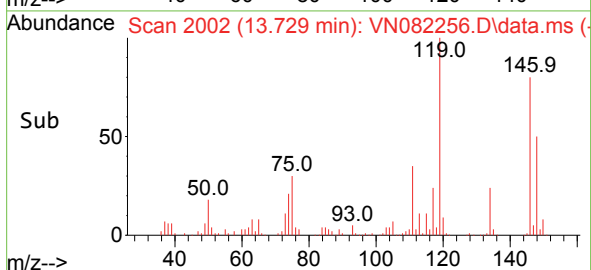
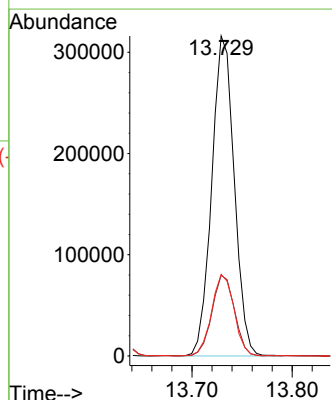
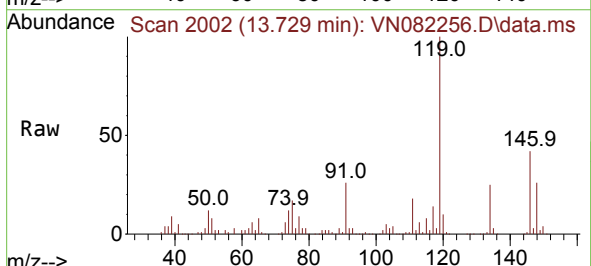
Tgt Ion:119 Resp: 493119

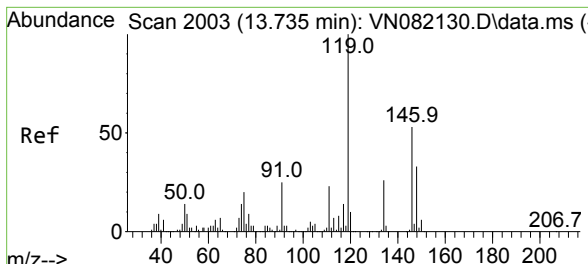
Ion Ratio Lower Upper

119 100

134 25.3 13.2 39.5

91 25.2 11.8 35.3



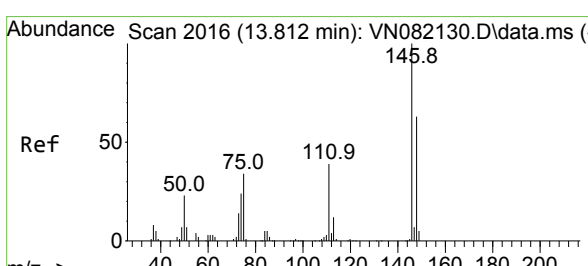
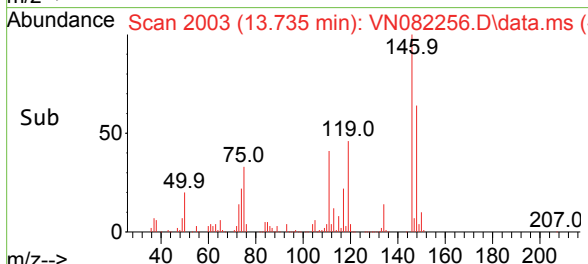
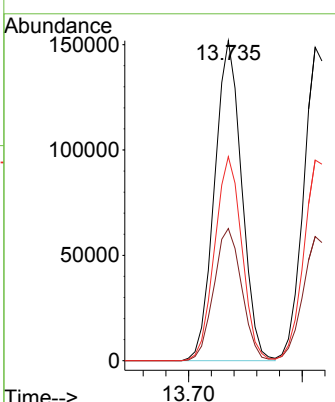
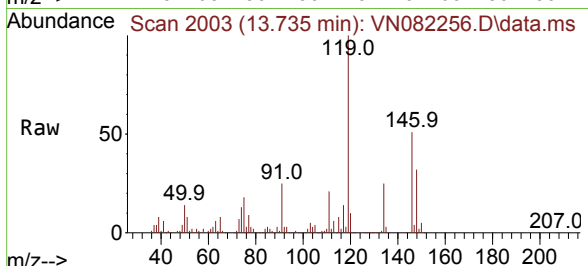


#87
 1,3-Dichlorobenzene
 Concen: 50.194 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN082256.D
 Acq: 21 May 2024 22:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:146 Resp: 252017

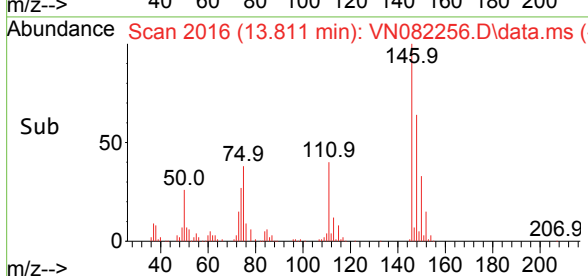
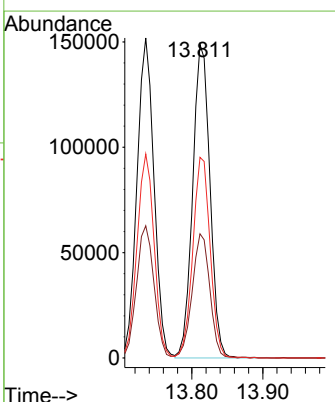
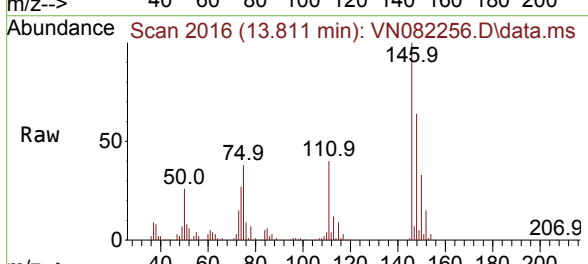
Ion	Ratio	Lower	Upper
146	100		
111	42.4	20.8	62.5
148	64.0	32.1	96.3

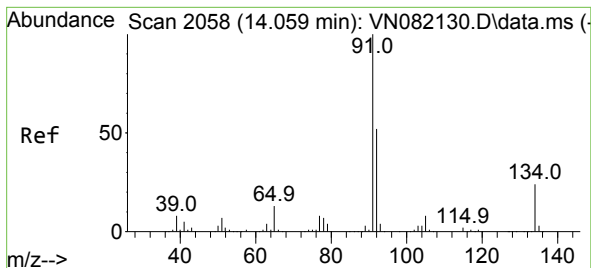


#88
 1,4-Dichlorobenzene
 Concen: 49.309 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN082256.D
 Acq: 21 May 2024 22:20

Tgt Ion:146 Resp: 252683

Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.3	57.9
148	64.3	31.3	93.9





#89

n-Butylbenzene

Concen: 50.755 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN082256.D

Acq: 21 May 2024 22:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

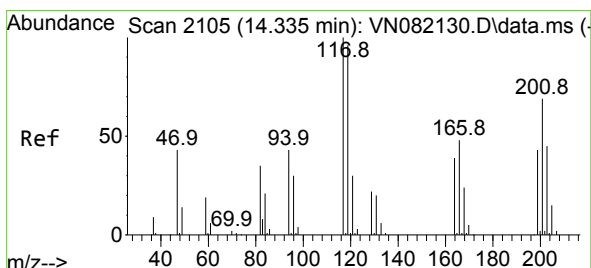
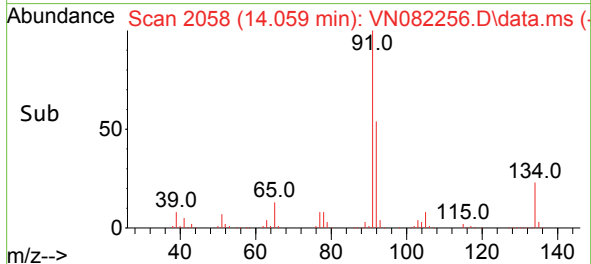
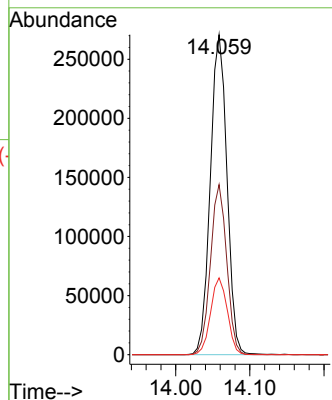
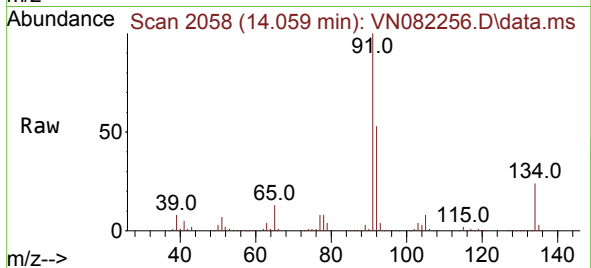
Tgt Ion: 91 Resp: 422745

Ion Ratio Lower Upper

91 100

92 52.0 26.2 78.5

134 24.1 13.2 39.5



#90

Hexachloroethane

Concen: 51.890 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN082256.D

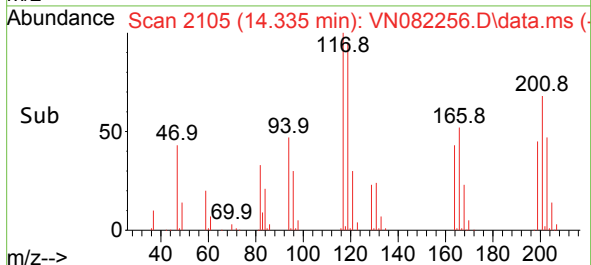
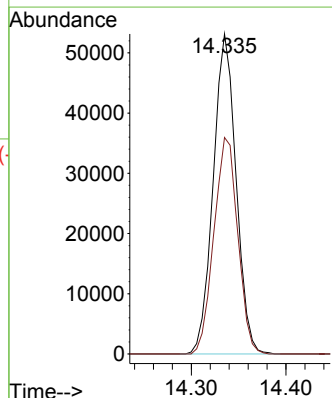
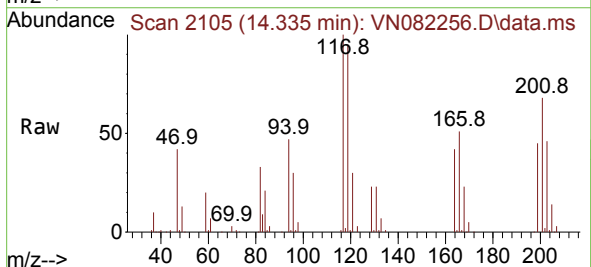
Acq: 21 May 2024 22:20

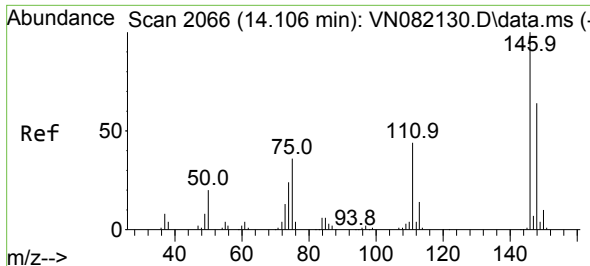
Tgt Ion: 117 Resp: 89092

Ion Ratio Lower Upper

117 100

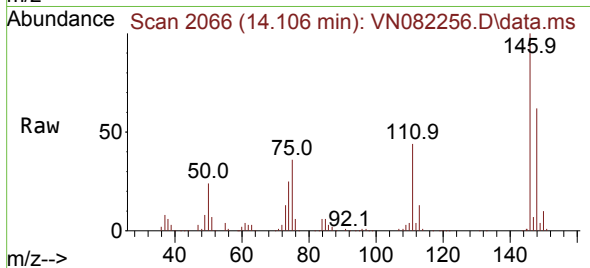
201 70.6 33.3 99.8



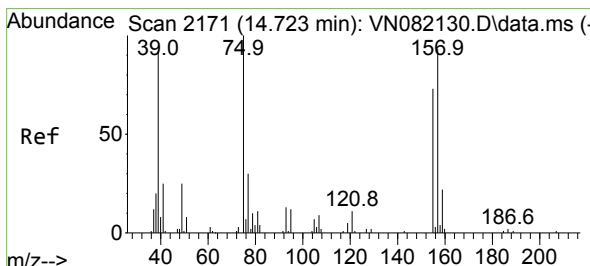
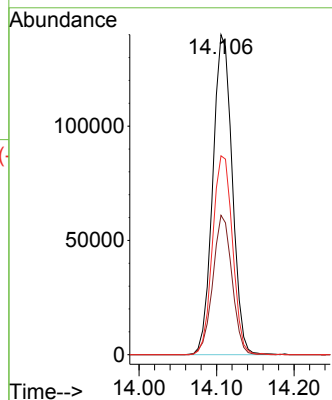
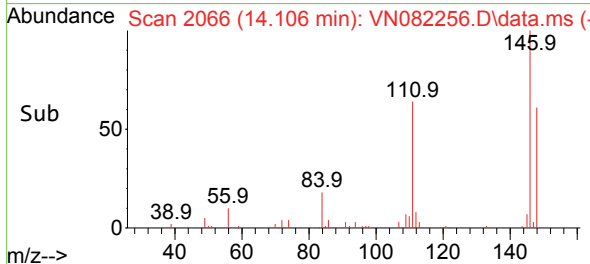


#91
1,2-Dichlorobenzene
Concen: 51.341 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20

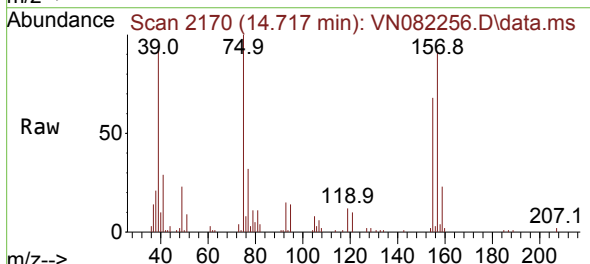
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



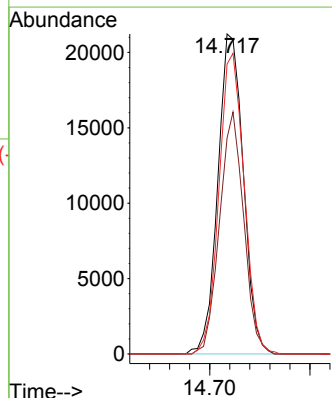
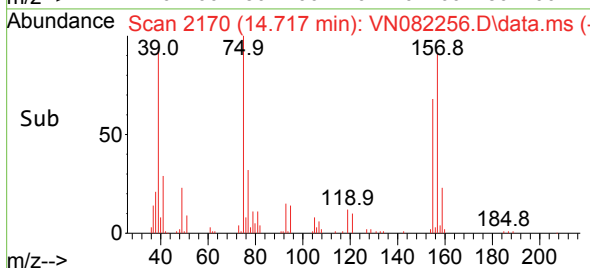
Tgt Ion:146 Resp: 244003
Ion Ratio Lower Upper
146 100
111 43.0 21.3 64.0
148 63.7 31.8 95.4

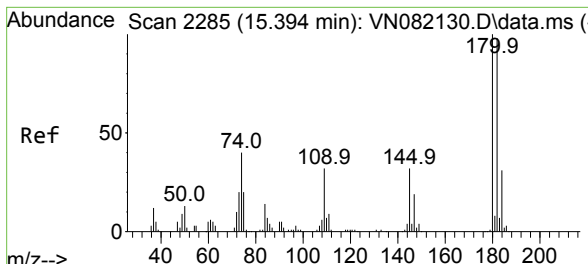


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.301 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN082256.D
Acq: 21 May 2024 22:20



Tgt Ion: 75 Resp: 37400
Ion Ratio Lower Upper
75 100
155 71.7 42.6 128.0
157 92.8 53.0 159.0

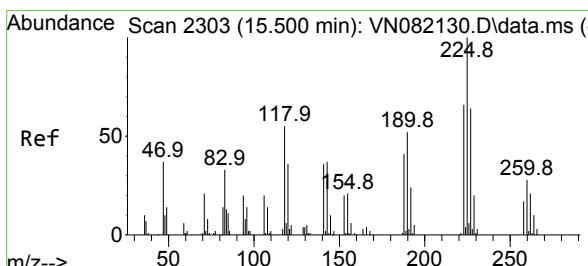
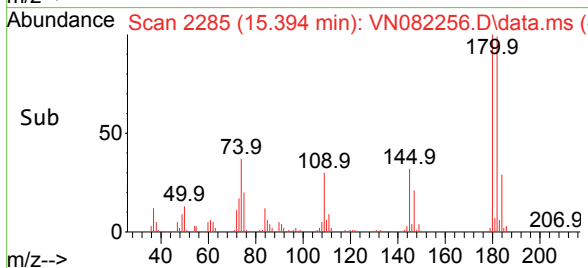
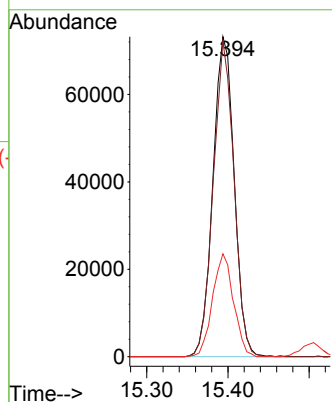
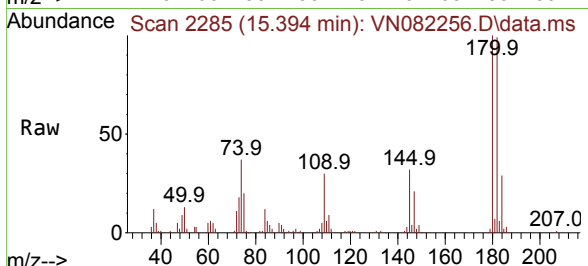




#93
 1,2,4-Trichlorobenzene
 Concen: 49.995 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN082256.D
 Acq: 21 May 2024 22:20

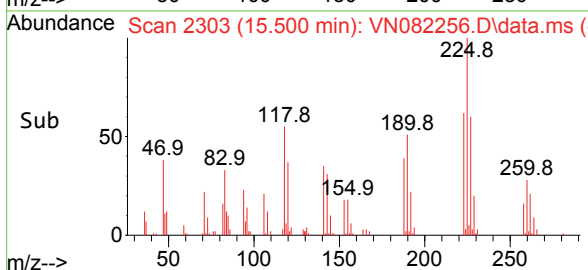
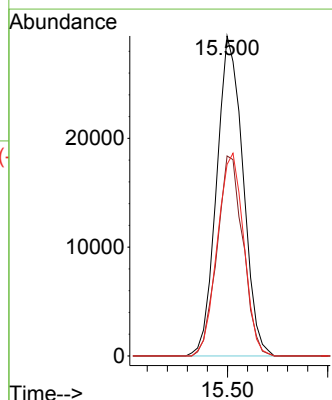
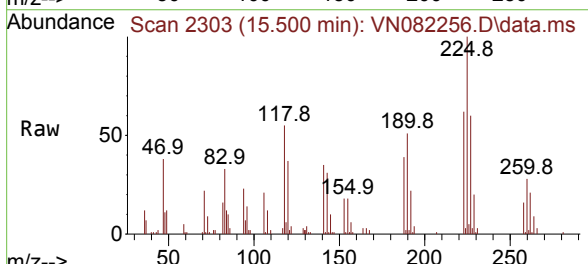
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

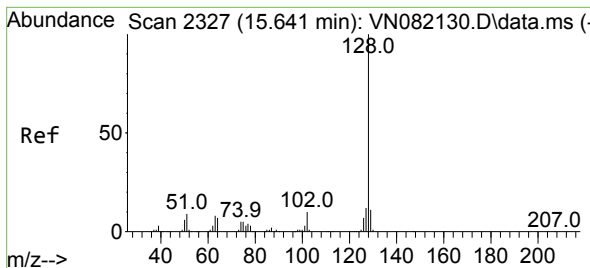
Tgt Ion:180 Resp: 133189
 Ion Ratio Lower Upper
 180 100
 182 95.8 46.7 140.0
 145 31.7 16.2 48.6



#94
 Hexachlorobutadiene
 Concen: 45.919 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.000 min
 Lab File: VN082256.D
 Acq: 21 May 2024 22:20

Tgt Ion:225 Resp: 53678
 Ion Ratio Lower Upper
 225 100
 223 61.7 31.1 93.2
 227 63.4 30.6 91.6





#95

Naphthalene

Concen: 54.477 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN082256.D

Acq: 21 May 2024 22:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

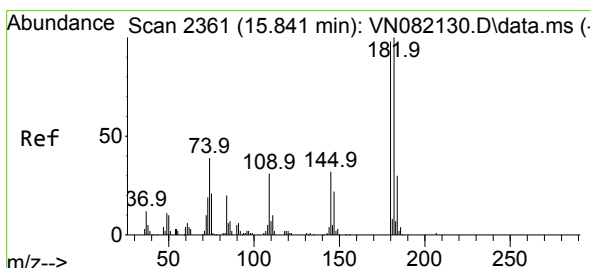
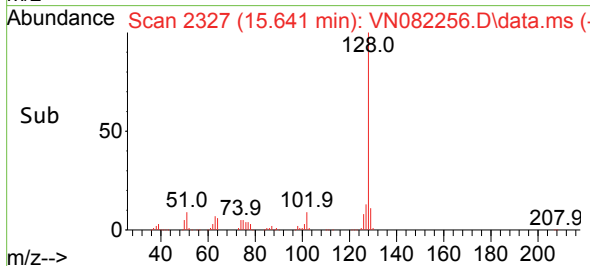
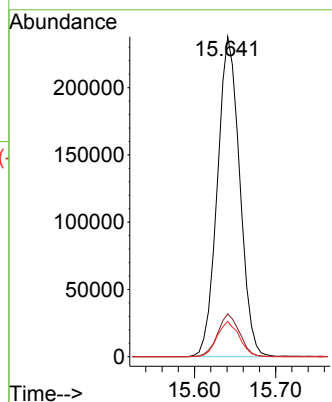
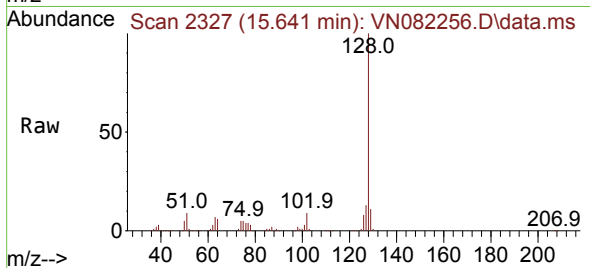
Tgt Ion:128 Resp: 454809

Ion Ratio Lower Upper

128 100

127 13.2 10.1 15.1

129 10.9 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 50.858 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN082256.D

Acq: 21 May 2024 22:20

Tgt Ion:180 Resp: 135634

Ion Ratio Lower Upper

180 100

182 94.8 46.0 137.8

145 33.6 17.1 51.3

