

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040824\
 Data File : VN081666.D
 Acq On : 08 Apr 2024 10:22
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 09 01:51:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	381199	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	666008	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	601445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	300358	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	241728	49.725	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.440%
35) Dibromofluoromethane	8.165	113	218236	51.922	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.840%
50) Toluene-d8	10.565	98	733973	48.307	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.620%
62) 4-Bromofluorobenzene	12.847	95	284197	53.083	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	106.160%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	251763	49.049	ug/l	95
3) Chloromethane	2.359	50	239997	46.962	ug/l	96
4) Vinyl Chloride	2.518	62	278159	48.499	ug/l	92
5) Bromomethane	2.948	94	180469	44.493	ug/l	90
6) Chloroethane	3.118	64	147124	37.361	ug/l	97
7) Trichlorofluoromethane	3.501	101	410415	48.015	ug/l	95
8) Diethyl Ether	3.959	74	150474	53.193	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.377	101	241569	49.738	ug/l	# 88
10) Methyl Iodide	4.589	142	297446	61.499	ug/l	98
11) Tert butyl alcohol	5.512	59	218848	258.329	ug/l	98
12) 1,1-Dichloroethene	4.336	96	231349	51.425	ug/l	84
13) Acrolein	4.177	56	202083	265.834	ug/l	99
14) Allyl chloride	5.024	41	277178	49.169	ug/l	# 86
15) Acrylonitrile	5.712	53	519542	229.237	ug/l	99
16) Acetone	4.424	43	302688	192.666	ug/l	95
17) Carbon Disulfide	4.712	76	651699	50.480	ug/l	96
18) Methyl Acetate	5.012	43	206056	42.542	ug/l	# 85
19) Methyl tert-butyl Ether	5.795	73	779627	55.374	ug/l	91
20) Methylene Chloride	5.271	84	263319	51.167	ug/l	# 84
21) trans-1,2-Dichloroethene	5.783	96	246790	49.200	ug/l	91
22) Diisopropyl ether	6.671	45	701049	53.522	ug/l	# 92
23) Vinyl Acetate	6.600	43	3060325	293.530	ug/l	# 86
24) 1,1-Dichloroethane	6.571	63	432108	49.255	ug/l	# 94
25) 2-Butanone	7.483	43	575025	213.392	ug/l	# 84
26) 2,2-Dichloropropane	7.489	77	400982	52.698	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	314028	55.331	ug/l	81
28) Bromochloromethane	7.812	49	175383	49.081	ug/l	# 48
29) Tetrahydrofuran	7.836	42	408195	224.861	ug/l	# 75
30) Chloroform	7.965	83	494836	52.689	ug/l	97
31) Cyclohexane	8.253	56	353331	44.665	ug/l	# 70
32) 1,1,1-Trichloroethane	8.165	97	434537	50.998	ug/l	# 92
36) 1,1-Dichloropropene	8.371	75	323438	45.726	ug/l	94
37) Ethyl Acetate	7.553	43	267940	44.236	ug/l	# 95
38) Carbon Tetrachloride	8.359	117	376339	48.568	ug/l	96
39) Methylcyclohexane	9.600	83	396985	50.256	ug/l	84
40) Benzene	8.606	78	1059939	51.255	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	137459	42.913	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	347602	47.763	ug/l	98
43) Isopropyl Acetate	8.688	43	471510	46.963	ug/l #	89
44) Trichloroethene	9.347	130	282748	48.614	ug/l	88
45) 1,2-Dichloropropane	9.624	63	245018	48.888	ug/l	100
46) Dibromomethane	9.706	93	195223	51.292	ug/l #	87
47) Bromodichloromethane	9.888	83	403048	54.162	ug/l #	97
48) Methyl methacrylate	9.683	41	206390	44.568	ug/l #	80
49) 1,4-Dioxane	9.694	88	97556	876.608	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	1357570	221.592	ug/l	90
52) Toluene	10.630	92	683728	52.018	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	407966	50.771	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	435820	50.587	ug/l #	88
55) 1,1,2-Trichloroethane	11.018	97	260962	49.334	ug/l	92
56) Ethyl methacrylate	10.877	69	383913	48.880	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	427162	49.261	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	881390	264.809	ug/l #	82
59) 2-Hexanone	11.194	43	1000193	220.817	ug/l	88
60) Dibromochloromethane	11.359	129	324513	55.783	ug/l	98
61) 1,2-Dibromoethane	11.471	107	267510	49.604	ug/l	95
64) Tetrachloroethene	11.106	164	299381	52.075	ug/l	91
65) Chlorobenzene	11.888	112	763109	53.671	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	272350	51.683	ug/l	96
67) Ethyl Benzene	11.965	91	1291519	52.293	ug/l	95
68) m/p-Xylenes	12.071	106	1009109	108.988	ug/l	94
69) o-Xylene	12.400	106	499926	54.999	ug/l	91
70) Styrene	12.412	104	839654	57.276	ug/l	95
71) Bromoform	12.576	173	209976	53.026	ug/l #	96
73) Isopropylbenzene	12.694	105	1241479	48.490	ug/l	97
74) N-amyl acetate	12.494	43	427995	46.193	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	314304	41.754	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	444795	61.909	ug/l	69
77) Bromobenzene	12.976	156	311599	49.268	ug/l	68
78) n-propylbenzene	13.035	91	1453276	48.065	ug/l	93
79) 2-Chlorotoluene	13.123	91	881429	48.708	ug/l	91
80) 1,3,5-Trimethylbenzene	13.171	105	1047213	49.521	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	129409	48.674	ug/l	91
82) 4-Chlorotoluene	13.223	91	886481	49.687	ug/l	92
83) tert-Butylbenzene	13.441	119	901563	49.440	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	1071275	50.404	ug/l	92
85) sec-Butylbenzene	13.618	105	1287727	49.398	ug/l	92
86) p-Isopropyltoluene	13.729	119	1096854	51.473	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	577189	49.671	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	573522	47.666	ug/l	96
89) n-Butylbenzene	14.059	91	935819	49.525	ug/l	96
90) Hexachloroethane	14.335	117	199747	49.495	ug/l	90
91) 1,2-Dichlorobenzene	14.106	146	557536	49.850	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	63604	39.703	ug/l	67
93) 1,2,4-Trichlorobenzene	15.394	180	321229	49.673	ug/l	97
94) Hexachlorobutadiene	15.500	225	122138	43.045	ug/l	95
95) Naphthalene	15.641	128	1048755	50.048	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	322778	49.621	ug/l	98

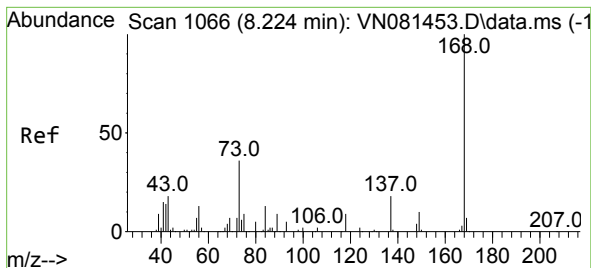
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QLast Update : Tue Mar 19 06:00:00 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

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MSVOA_N

ClientSampleId :

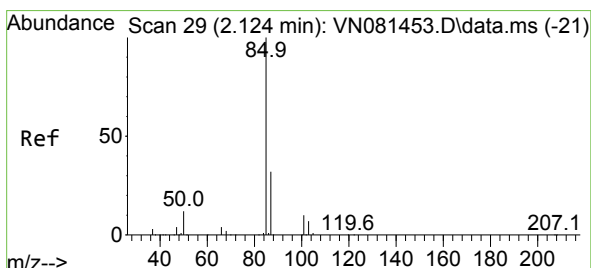
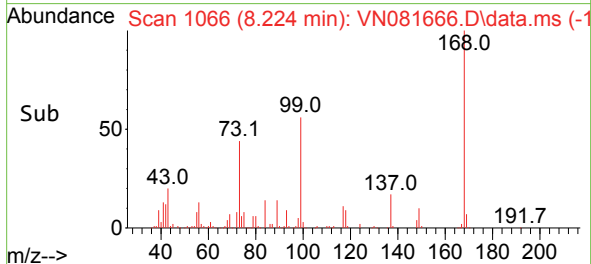
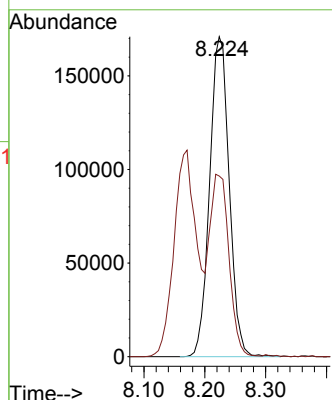
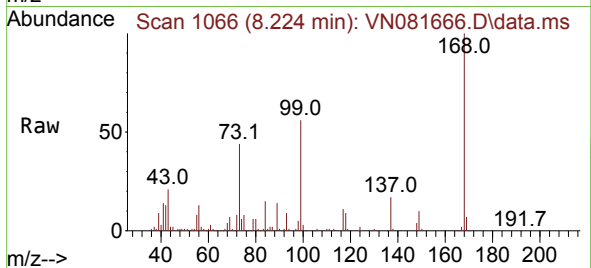
VSTDCCC050

Tgt Ion:168 Resp: 381199

Ion Ratio Lower Upper

168 100

99 56.3 59.9 89.9#



#2

Dichlorodifluoromethane

Concen: 49.049 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN081666.D

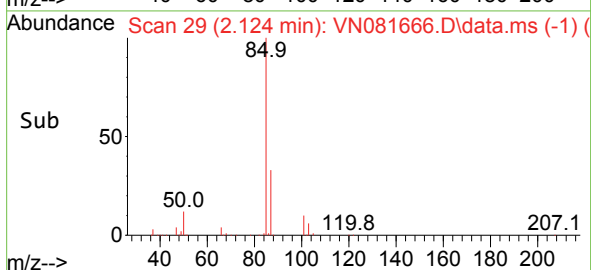
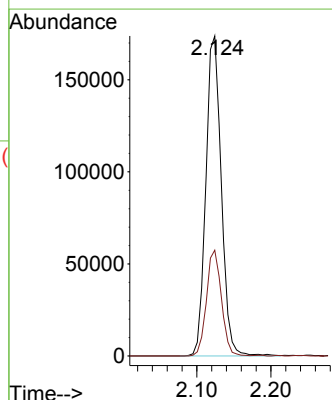
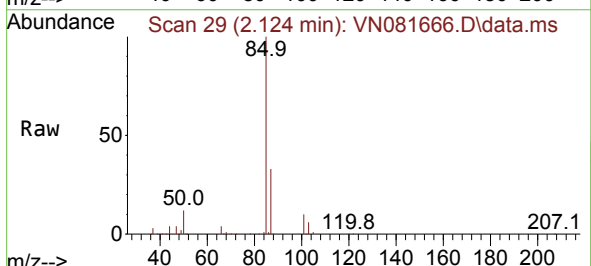
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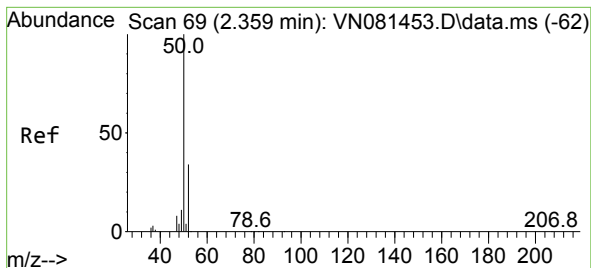
Tgt Ion: 85 Resp: 251763

Ion Ratio Lower Upper

85 100

87 33.1 15.3 45.9





#3

Chloromethane

Concen: 46.962 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN081666.D

Acq: 08 Apr 2024 10:22

Instrument :

MSVOA_N

ClientSampleId :

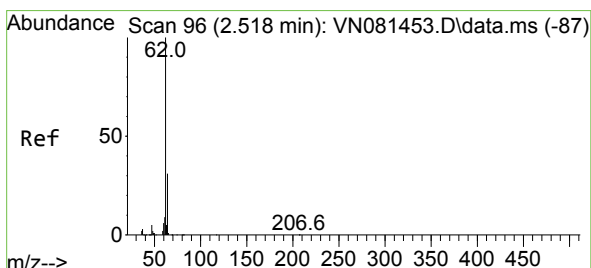
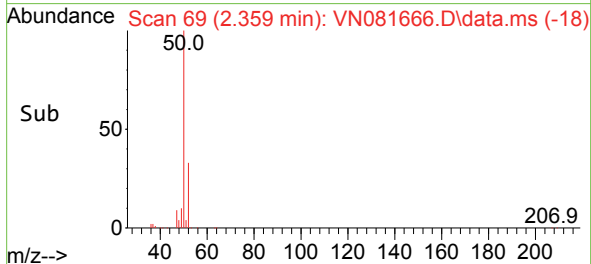
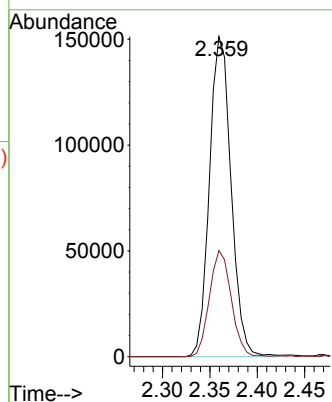
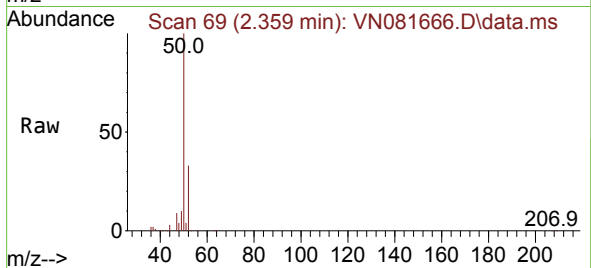
VSTDCCC050

Tgt Ion: 50 Resp: 239997

Ion Ratio Lower Upper

50 100

52 33.2 25.0 37.4



#4

Vinyl Chloride

Concen: 48.499 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.000 min

Lab File: VN081666.D

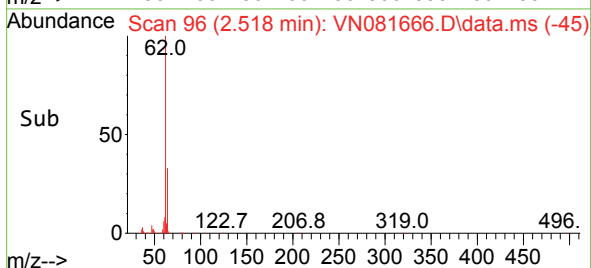
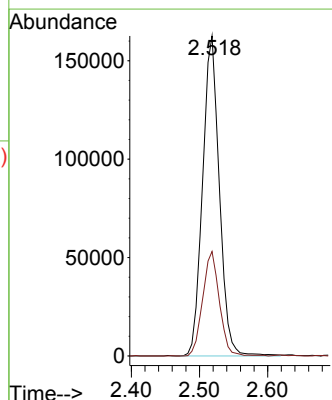
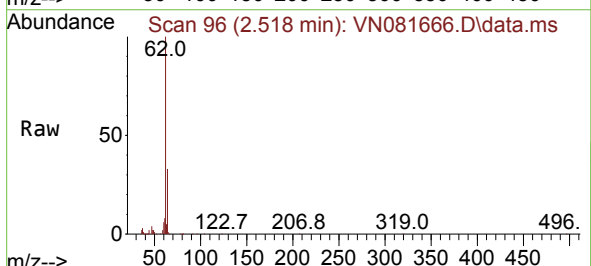
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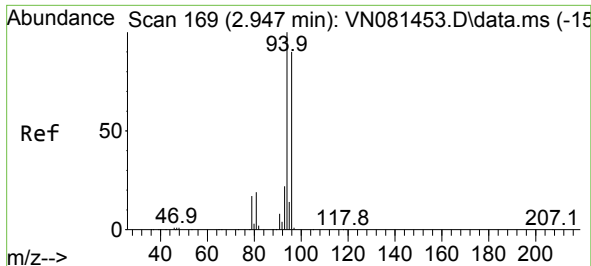
Tgt Ion: 62 Resp: 278159

Ion Ratio Lower Upper

62 100

64 32.7 22.7 34.1

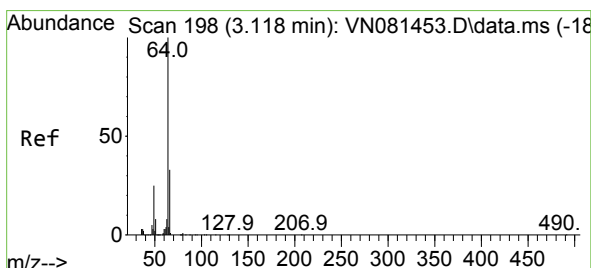
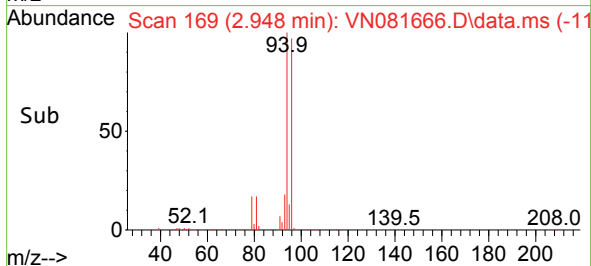
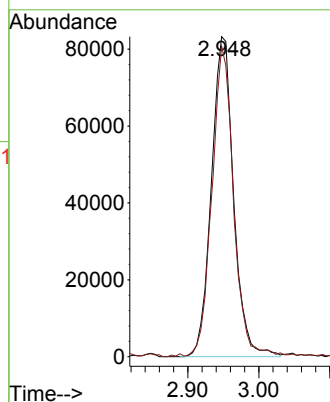
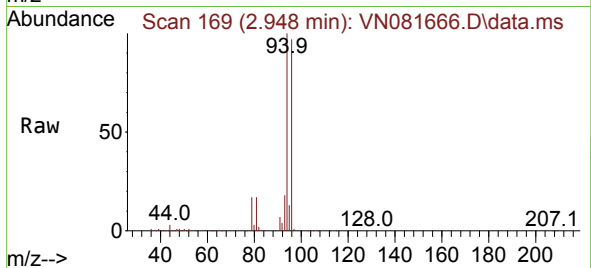




#5
Bromomethane
Concen: 44.493 ug/l
RT: 2.948 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081666.D
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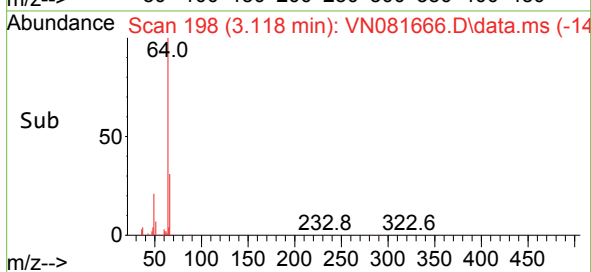
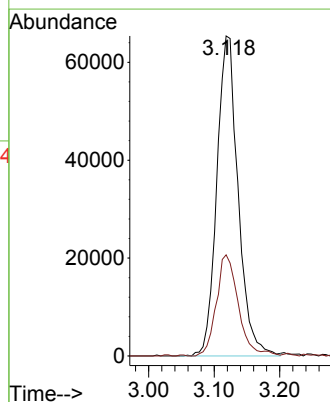
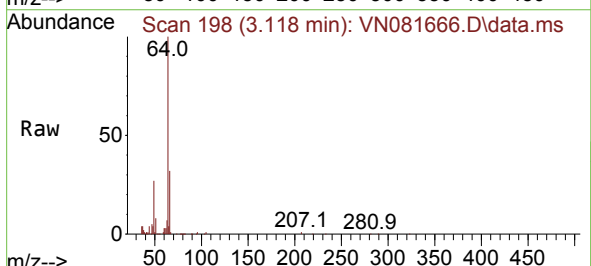
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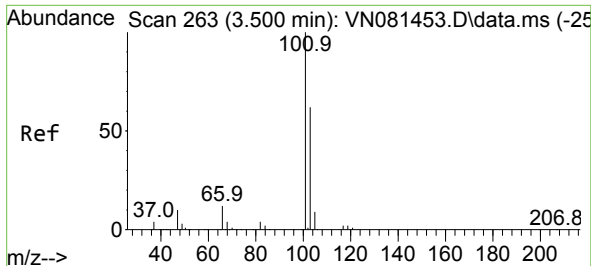
Tgt Ion: 94 Resp: 180469
Ion Ratio Lower Upper
94 100
96 96.1 69.2 103.8



#6
Chloroethane
Concen: 37.361 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

Tgt Ion: 64 Resp: 147124
Ion Ratio Lower Upper
64 100
66 31.3 26.4 39.6

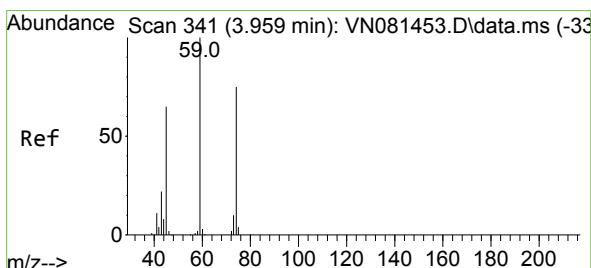
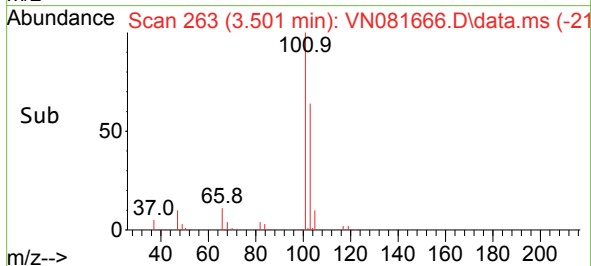
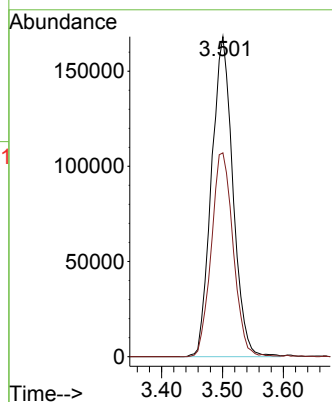
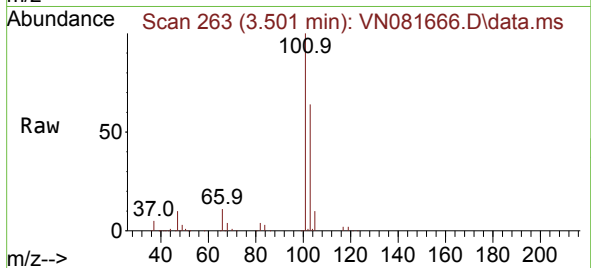




#7
Trichlorofluoromethane
Concen: 48.015 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

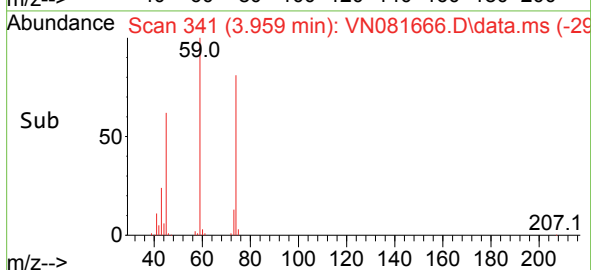
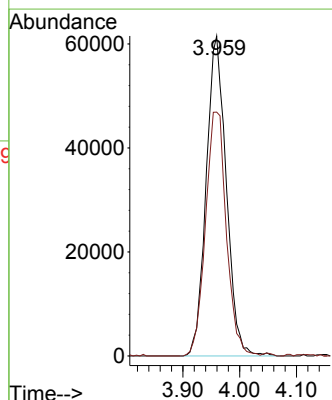
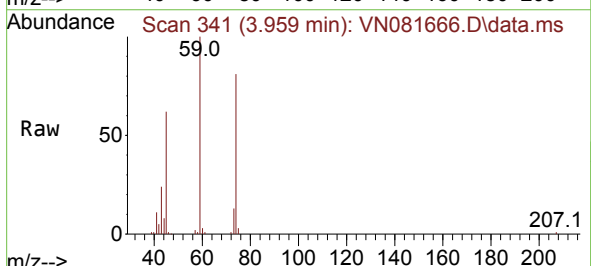
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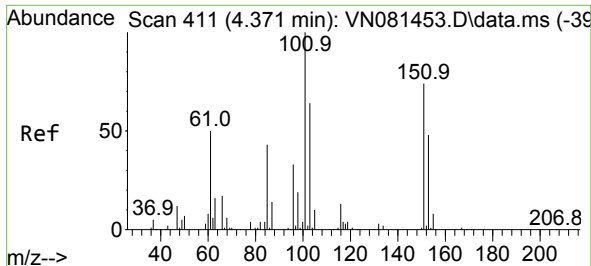
Tgt Ion:101 Resp: 410415
Ion Ratio Lower Upper
101 100
103 63.7 54.4 81.6



#8
Diethyl Ether
Concen: 53.193 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

Tgt Ion: 74 Resp: 150474
Ion Ratio Lower Upper
74 100
45 79.6 53.3 159.9

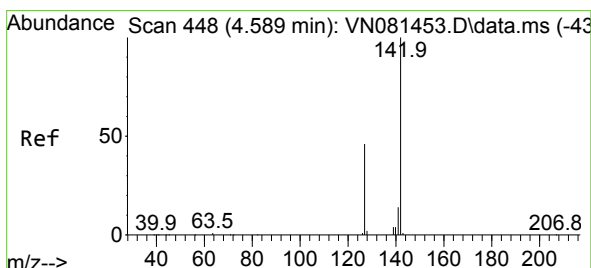
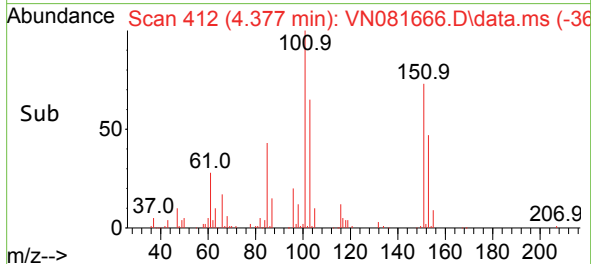
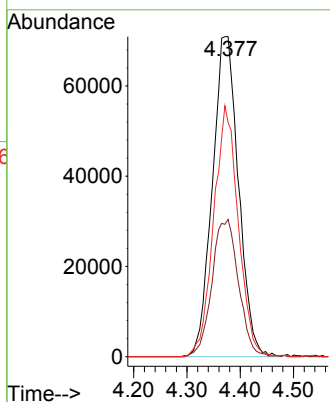
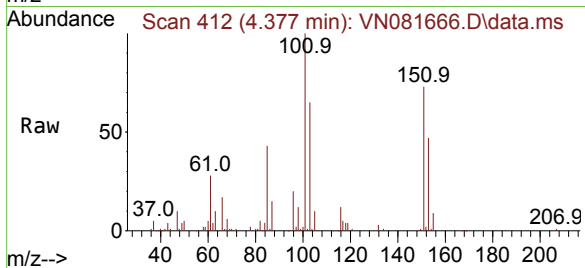




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.738 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081666.D
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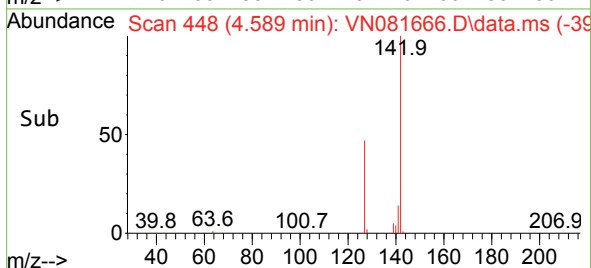
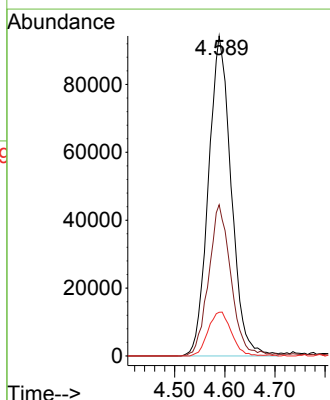
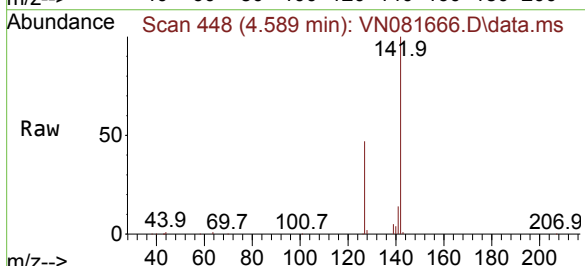
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

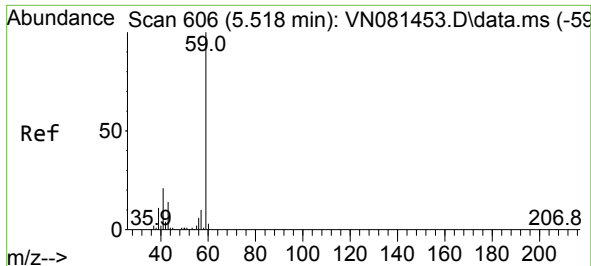
Tgt Ion:101 Resp: 241569
Ion Ratio Lower Upper
101 100
85 43.6 38.1 57.1
151 73.9 49.1 73.7#



#10
Methyl Iodide
Concen: 61.499 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

Tgt Ion:142 Resp: 297446
Ion Ratio Lower Upper
142 100
127 47.3 37.0 55.4
141 13.7 12.5 18.7

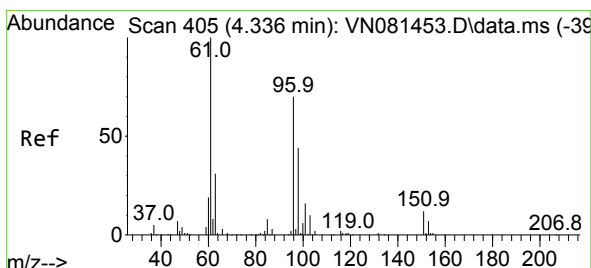
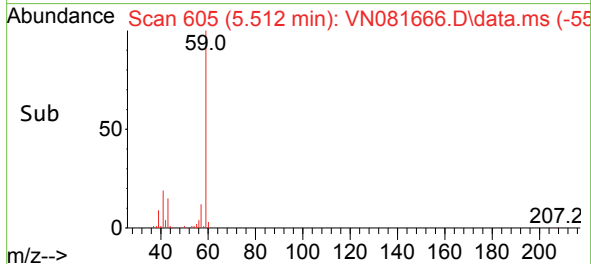
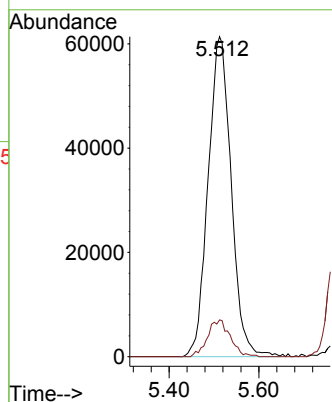
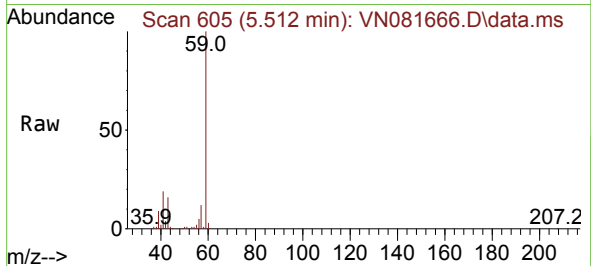




#11
Tert butyl alcohol
Concen: 258.329 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

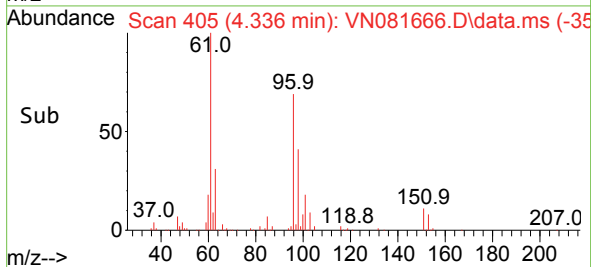
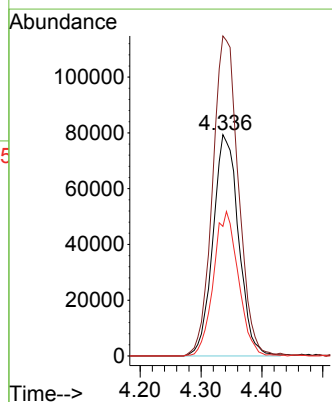
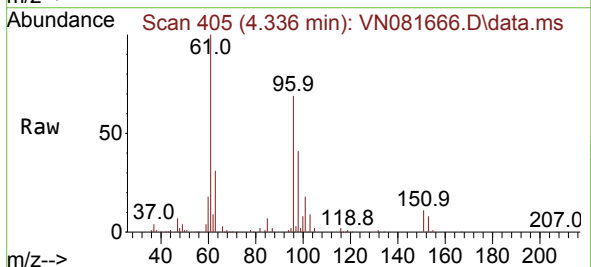
Instrument :
MSVOA_N
ClientSampleId :
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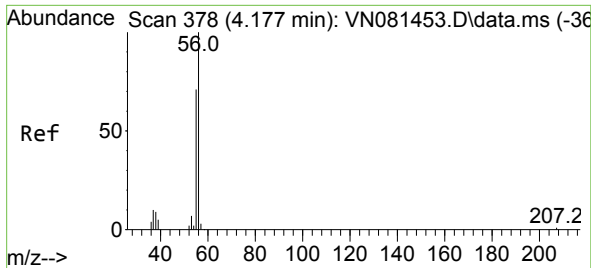
Tgt Ion: 59 Resp: 218848
Ion Ratio Lower Upper
59 100
57 11.3 8.6 12.8



#12
1,1-Dichloroethene
Concen: 51.425 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

Tgt Ion: 96 Resp: 231349
Ion Ratio Lower Upper
96 100
61 144.6 138.2 207.4
98 58.6 49.2 73.8

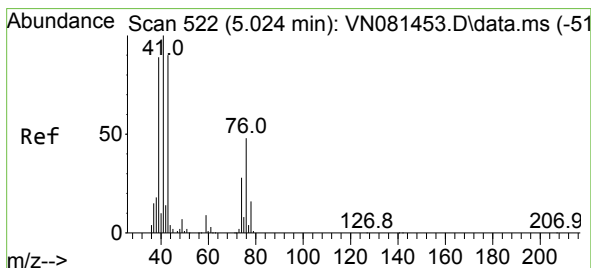
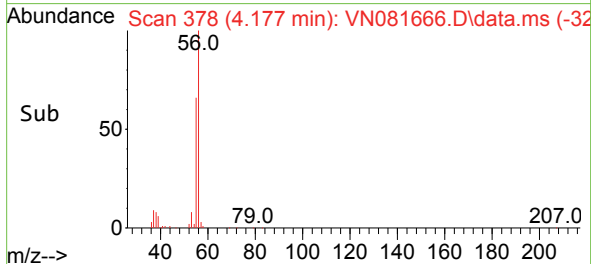
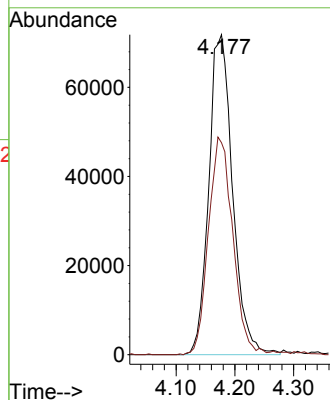
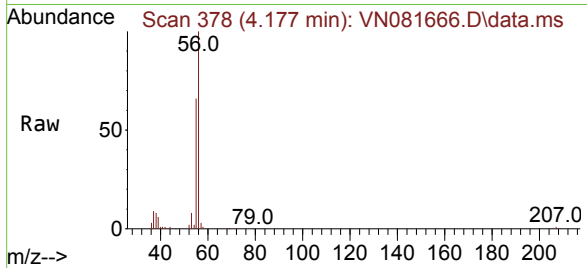




#13
Acrolein
Concen: 265.834 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

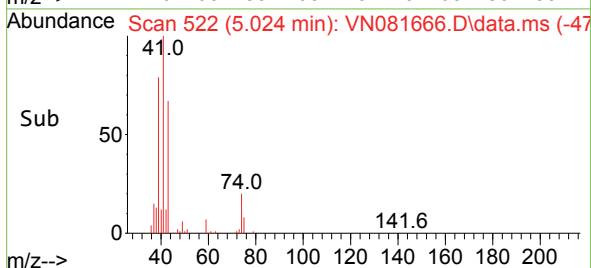
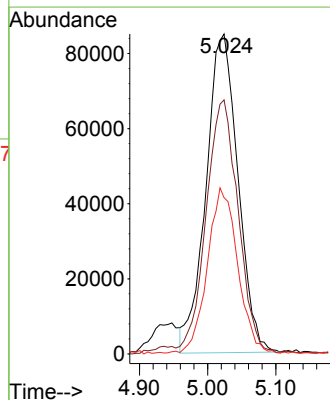
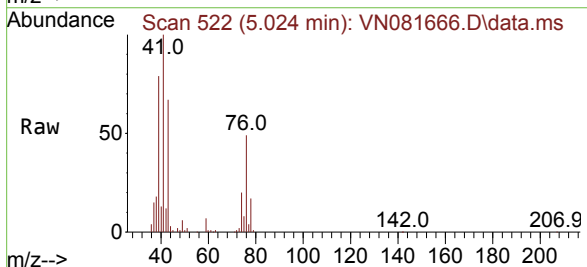
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

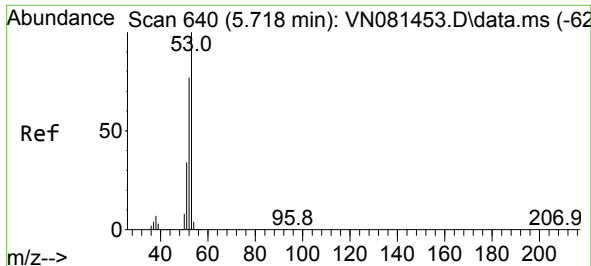
Tgt Ion: 56 Resp: 202083
Ion Ratio Lower Upper
56 100
55 69.5 55.3 82.9



#14
Allyl chloride
Concen: 49.169 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

Tgt Ion: 41 Resp: 277178
Ion Ratio Lower Upper
41 100
39 79.1 57.7 86.5
76 48.8 26.8 40.2#

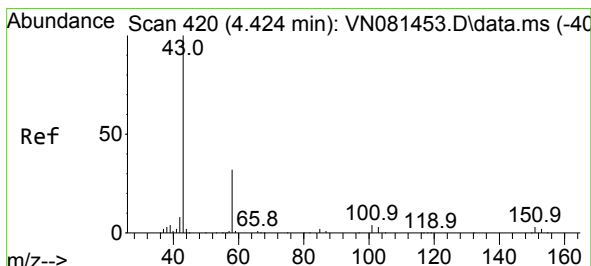
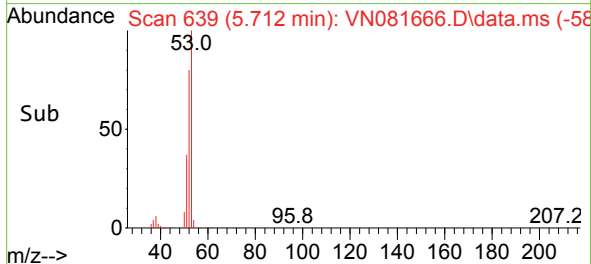
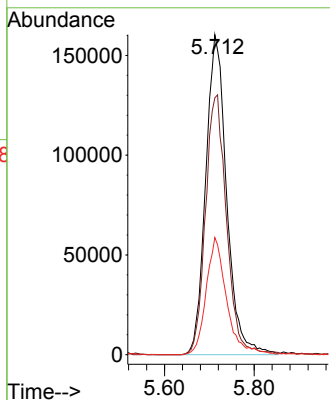
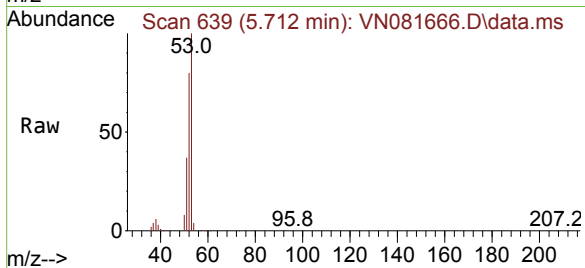




#15
Acrylonitrile
Concen: 229.237 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

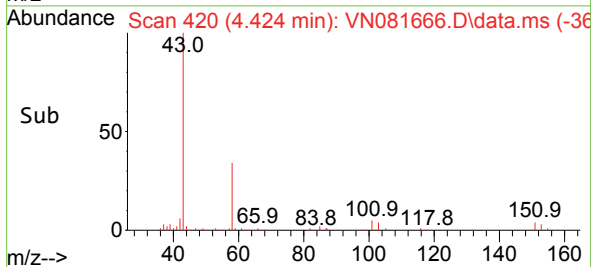
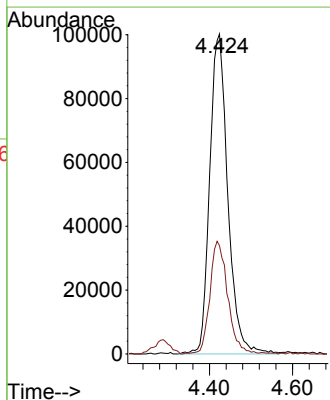
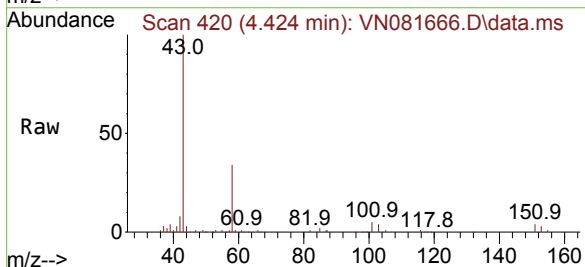
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

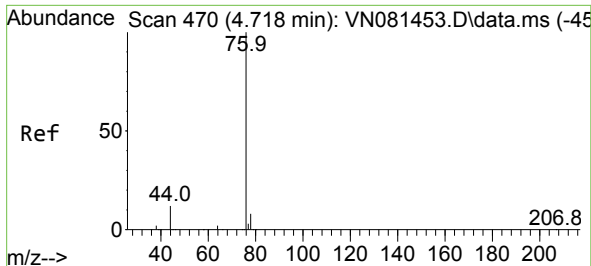
Tgt Ion: 53 Resp: 519542
Ion Ratio Lower Upper
53 100
52 81.4 64.8 97.2
51 35.8 26.9 40.3



#16
Acetone
Concen: 192.666 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

Tgt Ion: 43 Resp: 302688
Ion Ratio Lower Upper
43 100
58 33.8 24.8 37.2

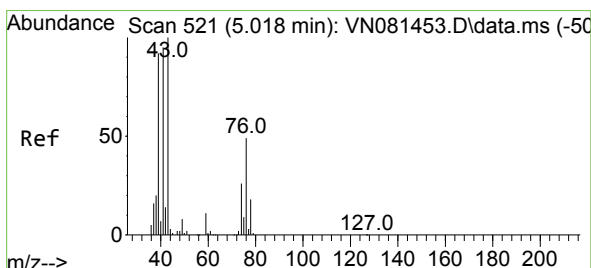
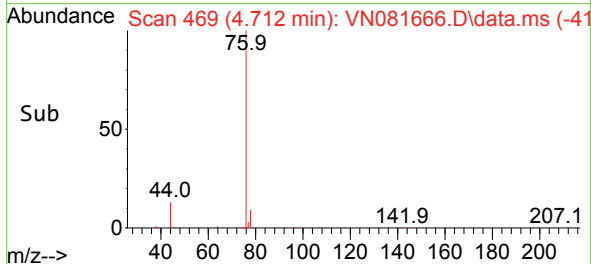
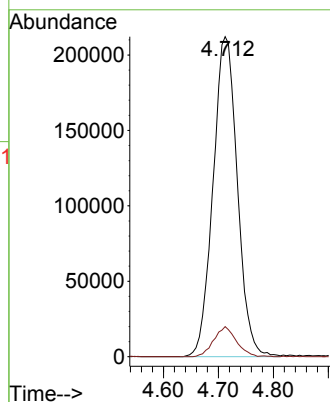
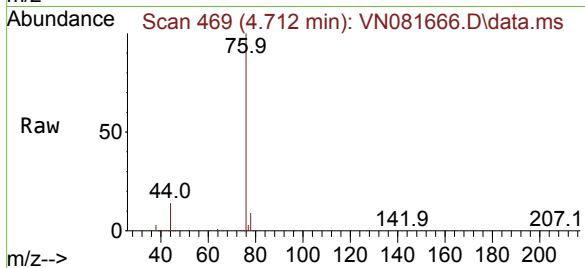




#17
Carbon Disulfide
Concen: 50.480 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

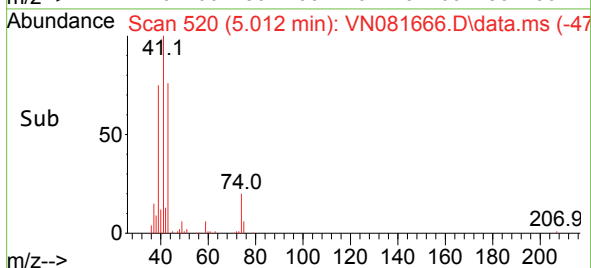
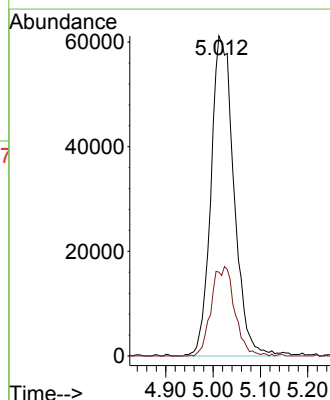
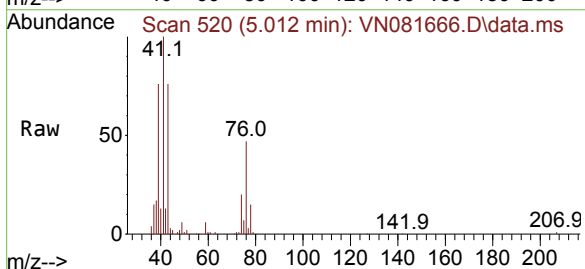
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

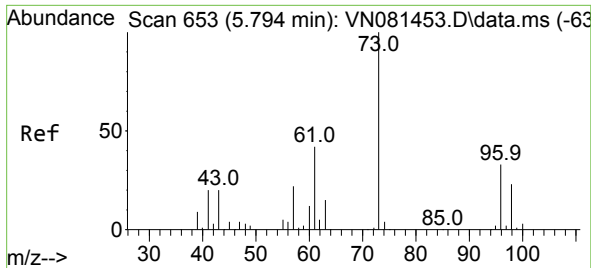
Tgt Ion: 76 Resp: 651699
Ion Ratio Lower Upper
76 100
78 9.4 6.3 9.5



#18
Methyl Acetate
Concen: 42.542 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

Tgt Ion: 43 Resp: 206056
Ion Ratio Lower Upper
43 100
74 28.5 17.3 25.9#

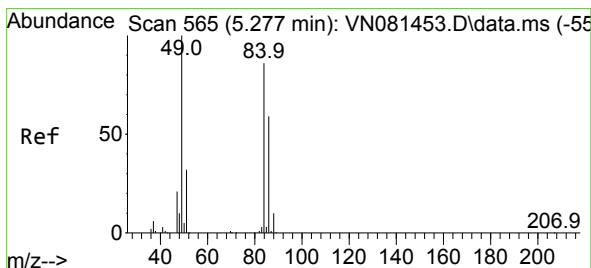
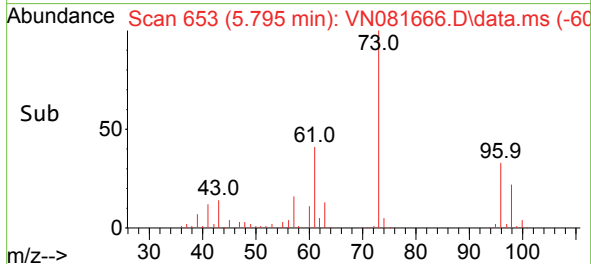
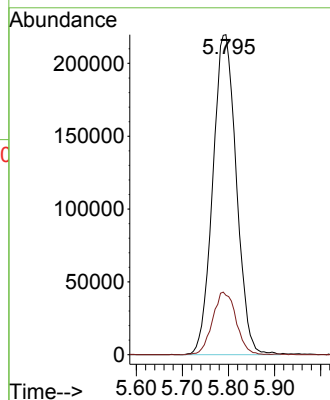
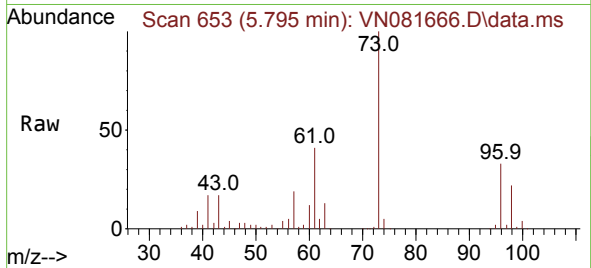




#19
Methyl tert-butyl Ether
Concen: 55.374 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

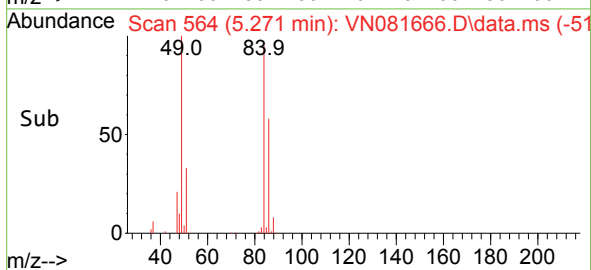
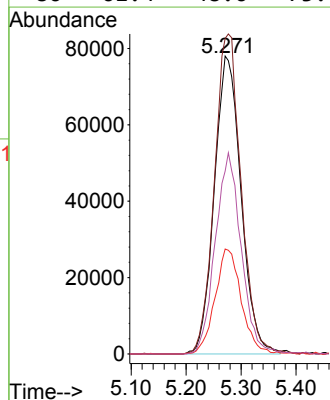
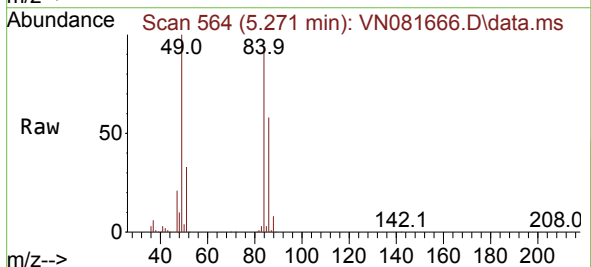
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

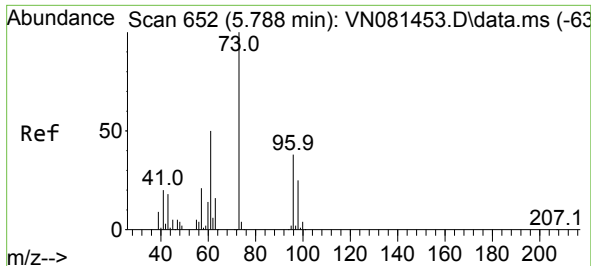
Tgt Ion: 73 Resp: 779627
Ion Ratio Lower Upper
73 100
57 18.6 18.2 27.4



#20
Methylene Chloride
Concen: 51.167 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

Tgt Ion: 84 Resp: 263319
Ion Ratio Lower Upper
84 100
49 105.9 108.1 162.1#
51 35.3 32.9 49.3
86 61.4 48.6 73.0

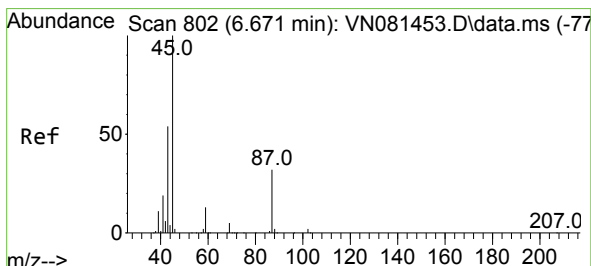
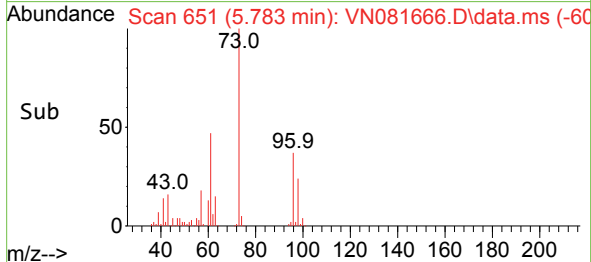
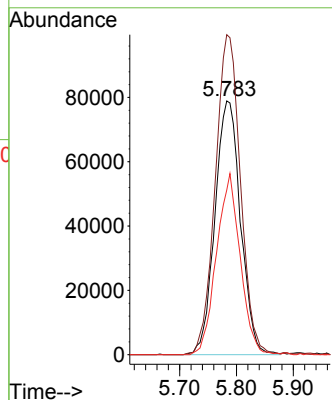
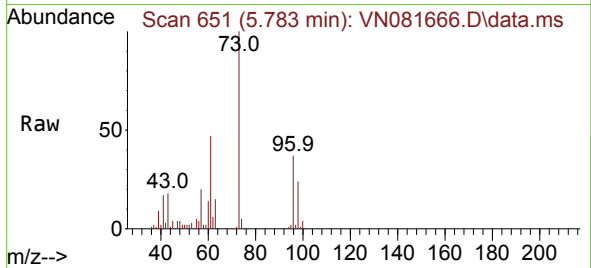




#21
trans-1,2-Dichloroethene
Concen: 49.200 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

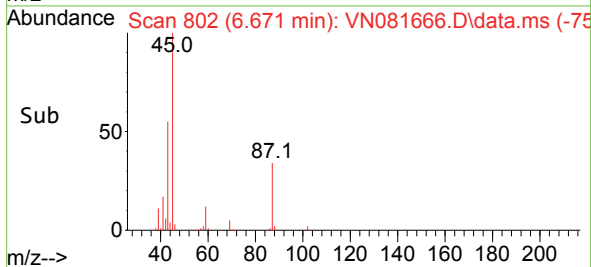
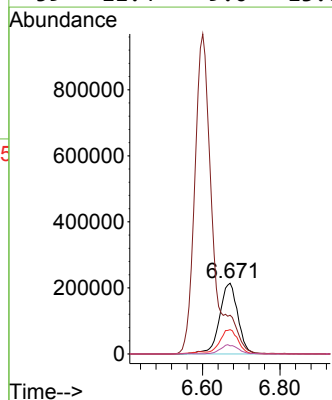
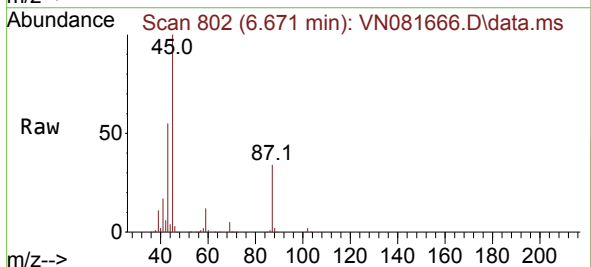
Instrument :
MSVOA_N
ClientSampleId :
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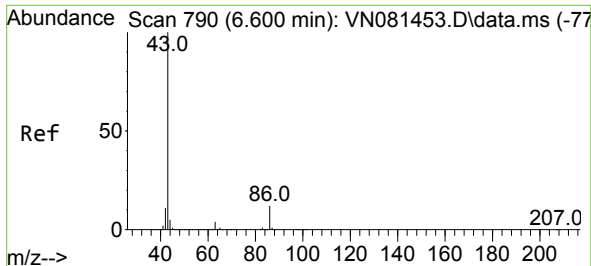
Tgt Ion: 96 Resp: 246790
Ion Ratio Lower Upper
96 100
61 126.1 112.8 169.2
98 64.9 51.0 76.4



#22
Diisopropyl ether
Concen: 53.522 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

Tgt Ion: 45 Resp: 701049
Ion Ratio Lower Upper
45 100
43 54.0 41.8 62.8
87 34.2 18.1 27.1#
59 11.4 9.0 13.6

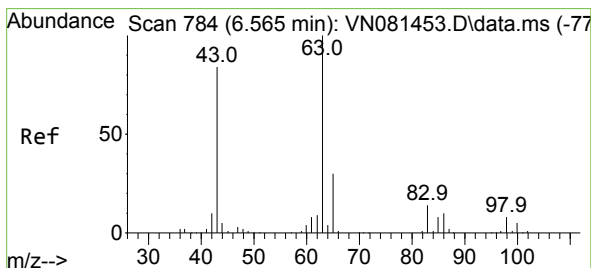
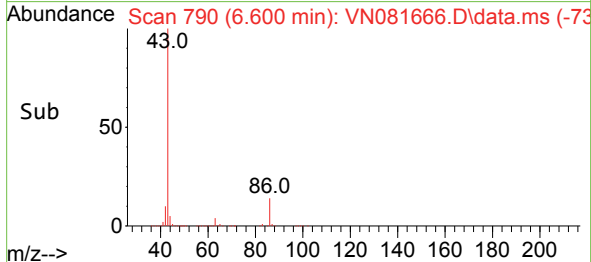
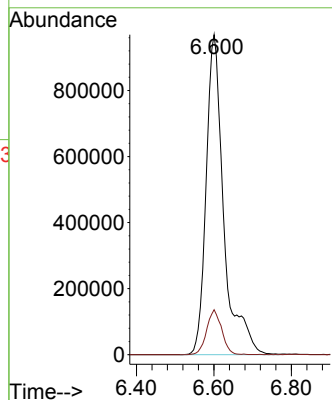
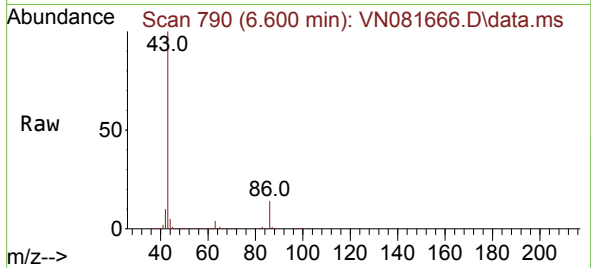




#23
 Vinyl Acetate
 Concen: 293.530 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081666.D
 Acq: 08 Apr 2024 10:22

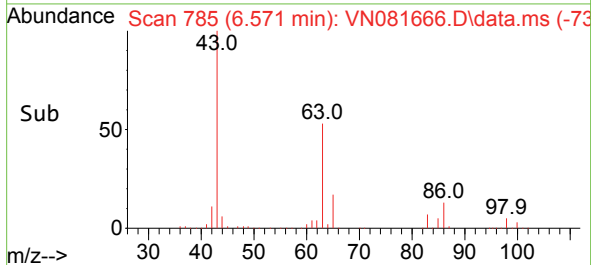
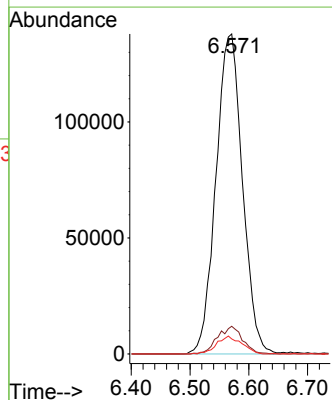
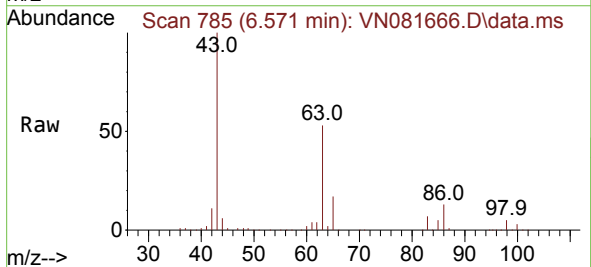
Instrument :
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 ClientSampleId :
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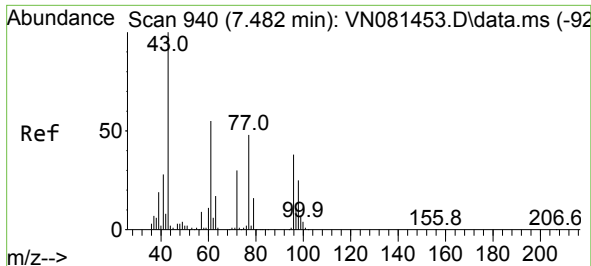
Tgt Ion: 43 Resp: 3060325
 Ion Ratio Lower Upper
 43 100
 86 14.1 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 49.255 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN081666.D
 Acq: 08 Apr 2024 10:22

Tgt Ion: 63 Resp: 432108
 Ion Ratio Lower Upper
 63 100
 98 8.7 2.9 8.6#
 100 4.7 1.9 5.7

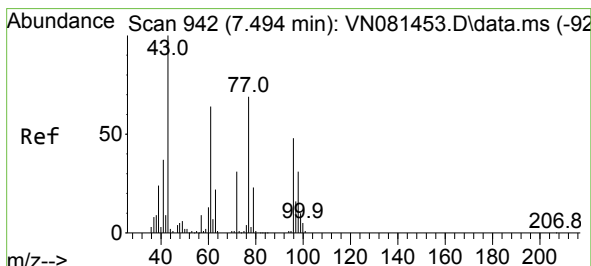
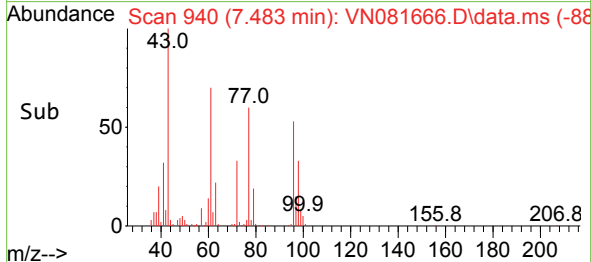
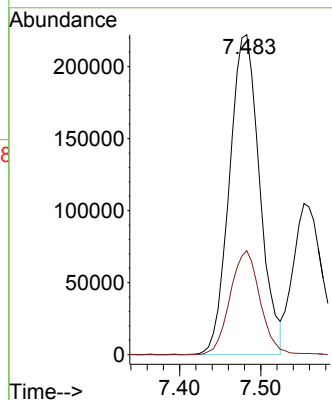
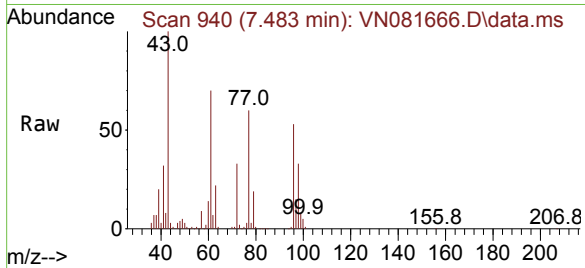




#25
2-Butanone
Concen: 213.392 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

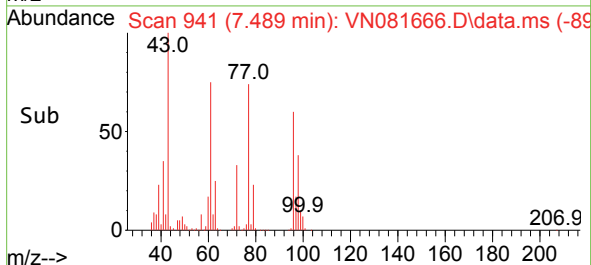
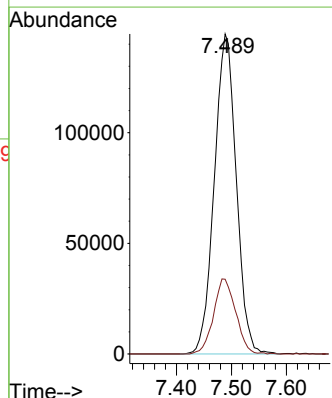
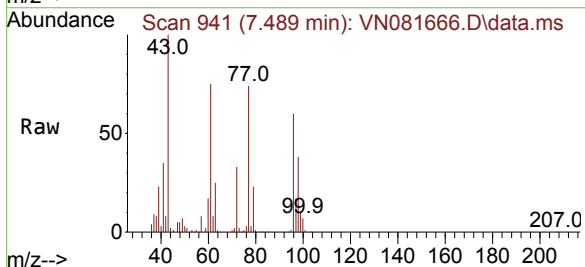
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

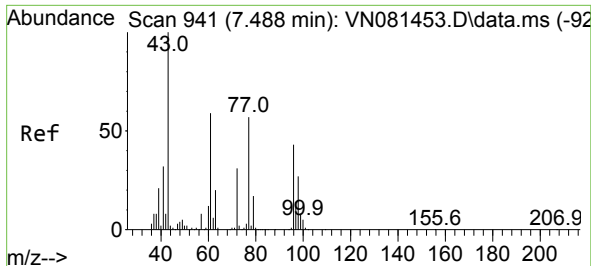
Tgt Ion: 43 Resp: 575025
Ion Ratio Lower Upper
43 100
72 32.5 19.5 29.3#



#26
2,2-Dichloropropane
Concen: 52.698 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

Tgt Ion: 77 Resp: 400982
Ion Ratio Lower Upper
77 100
97 23.7 11.5 34.5

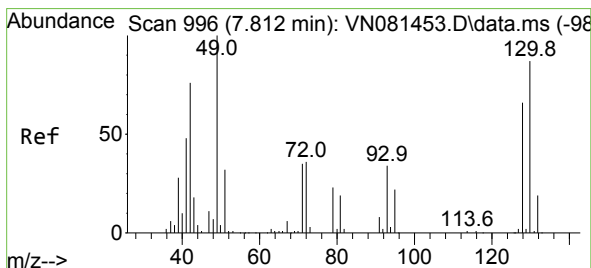
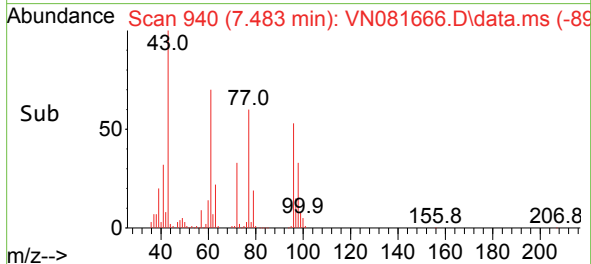
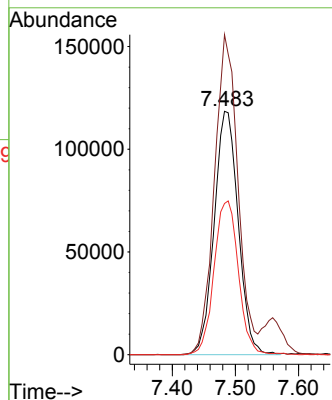
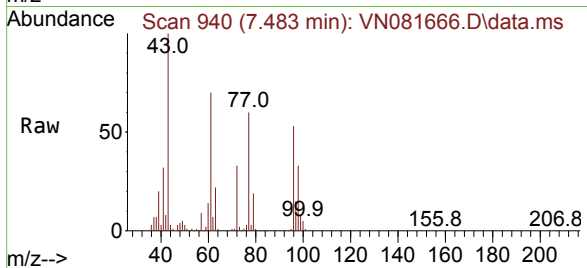




#27
 cis-1,2-Dichloroethene
 Concen: 55.331 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN081666.D
 Acq: 08 Apr 2024 10:22

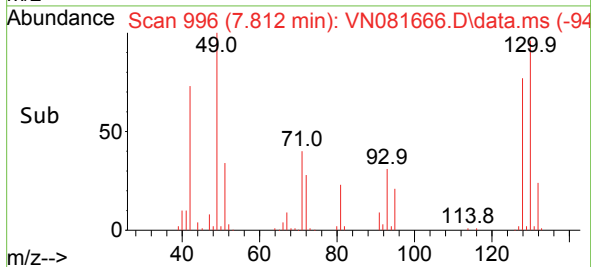
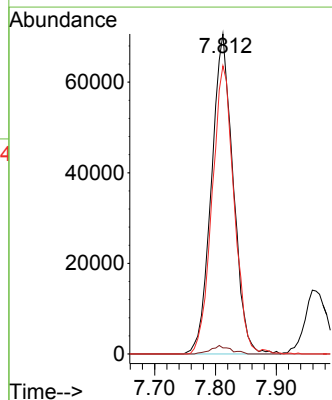
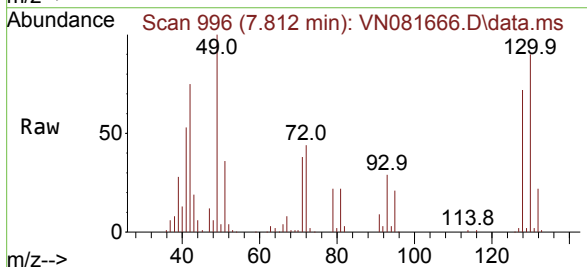
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

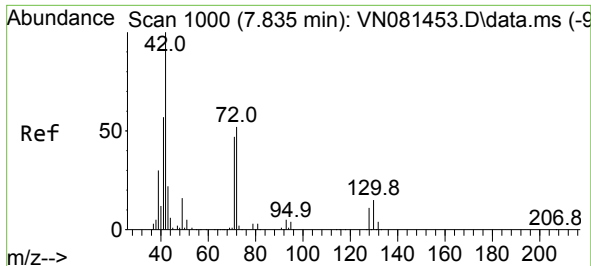
Tgt Ion: 96 Resp: 314028
 Ion Ratio Lower Upper
 96 100
 61 128.7 0.0 325.4
 98 63.7 0.0 130.4



#28
 Bromochloromethane
 Concen: 49.081 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN081666.D
 Acq: 08 Apr 2024 10:22

Tgt Ion: 49 Resp: 175383
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 1.6#
 130 90.3 42.3 63.5#





#29

Tetrahydrofuran

Concen: 224.861 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN081666.D

Acq: 08 Apr 2024 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

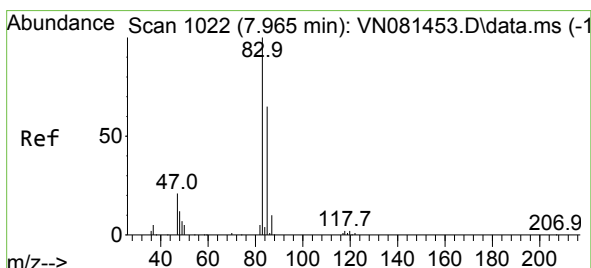
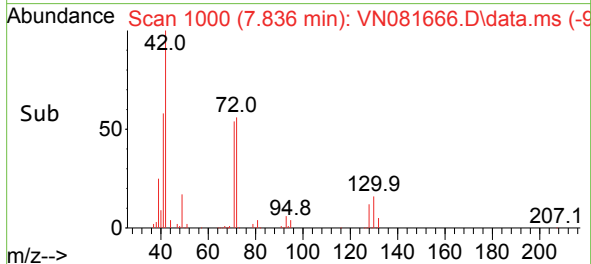
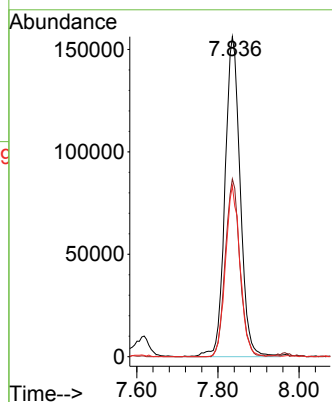
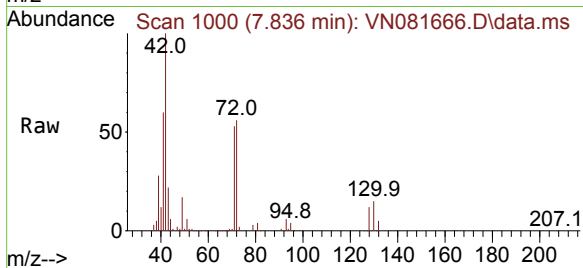
Tgt Ion: 42 Resp: 408195

Ion Ratio Lower Upper

42 100

72 53.2 31.1 46.7#

71 51.1 28.3 42.5#



#30

Chloroform

Concen: 52.689 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN081666.D

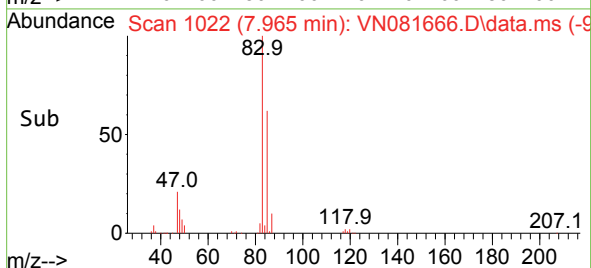
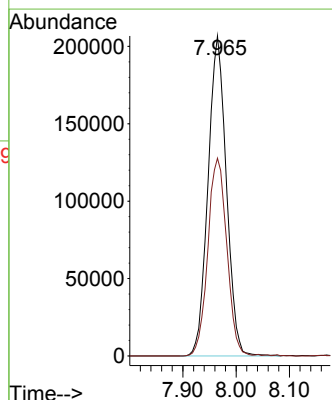
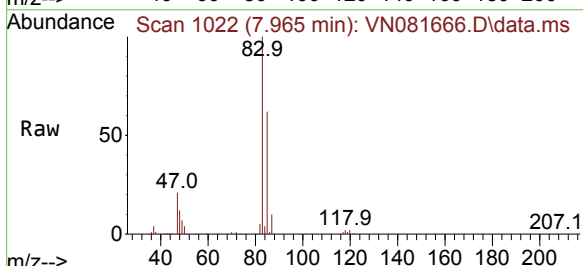
Acq: 08 Apr 2024 10:22

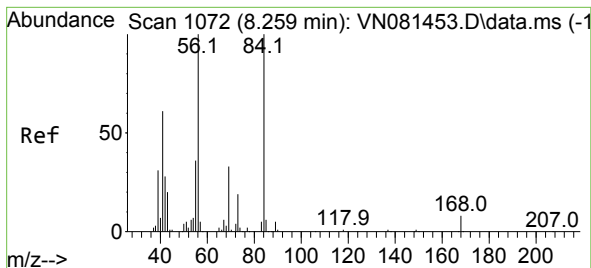
Tgt Ion: 83 Resp: 494836

Ion Ratio Lower Upper

83 100

85 61.8 51.0 76.6

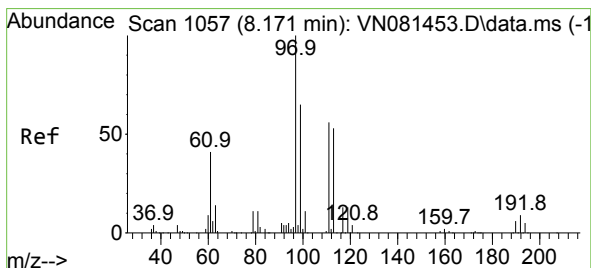
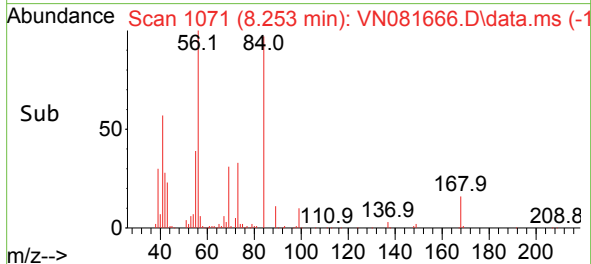
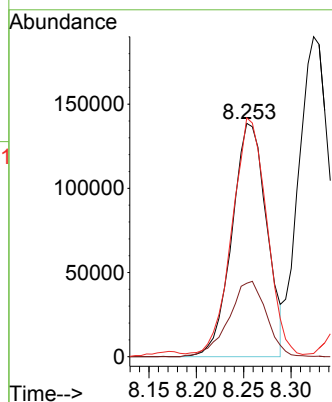
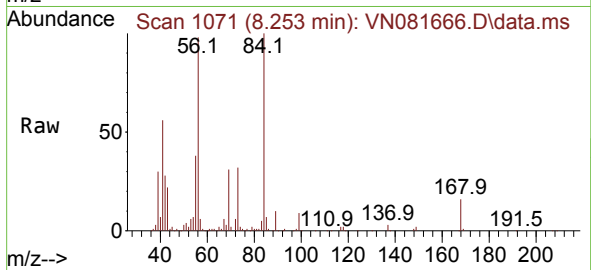




#31
Cyclohexane
Concen: 44.665 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

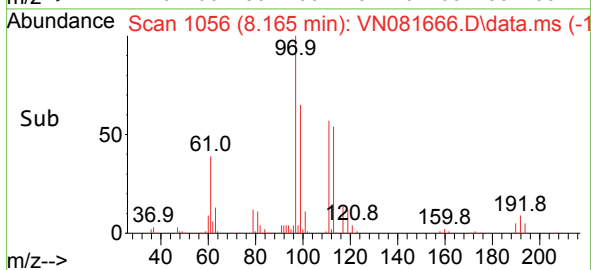
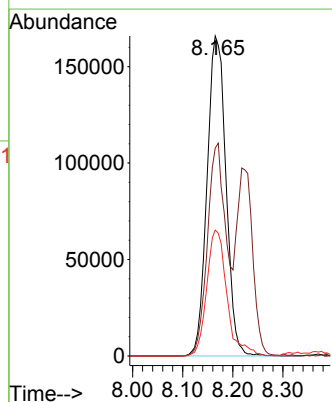
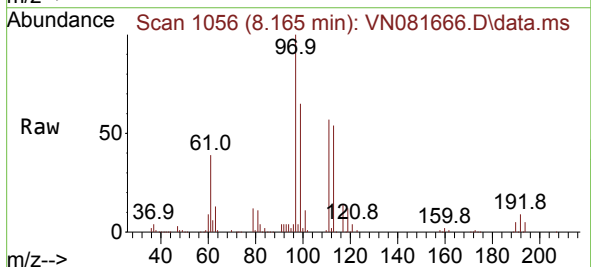
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

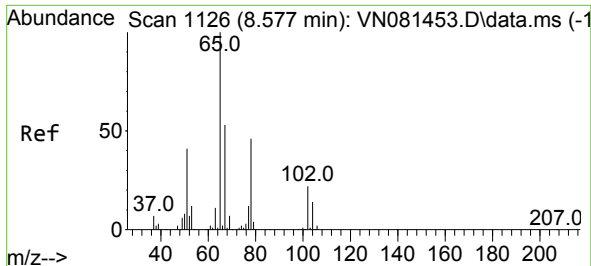
Tgt Ion: 56 Resp: 353331
Ion Ratio Lower Upper
56 100
69 31.3 20.1 30.1#
84 100.9 56.9 85.3#



#32
1,1,1-Trichloroethane
Concen: 50.998 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

Tgt Ion: 97 Resp: 434537
Ion Ratio Lower Upper
97 100
99 66.7 53.4 80.0
61 41.9 43.8 65.8#





#33

1,2-Dichloroethane-d4

Concen: 49.725 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081666.D

Acq: 08 Apr 2024 10:22

Instrument :

MSVOA_N

ClientSampleId :

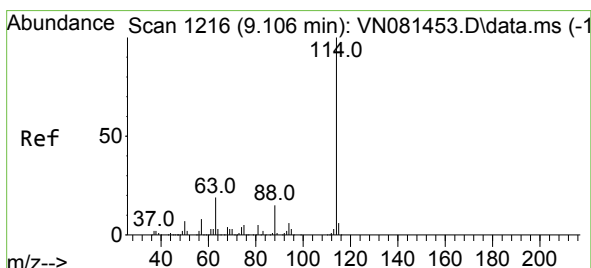
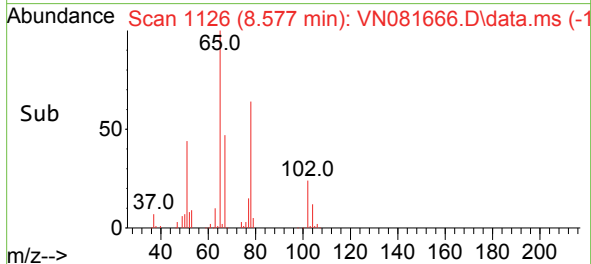
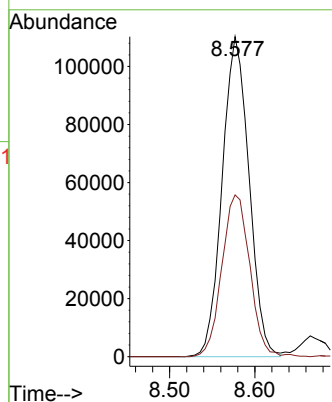
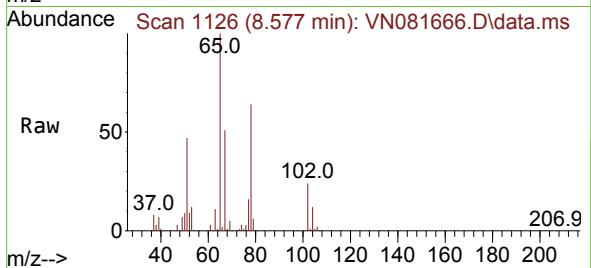
VSTDCCC050

Tgt Ion: 65 Resp: 241728

Ion Ratio Lower Upper

65 100

67 52.6 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081666.D

Acq: 08 Apr 2024 10:22

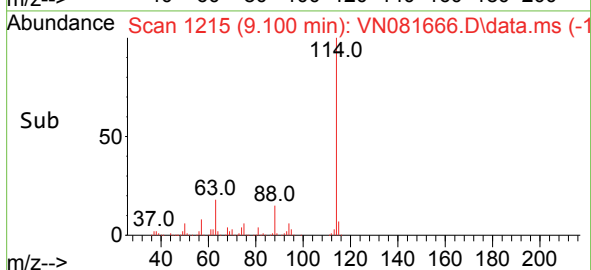
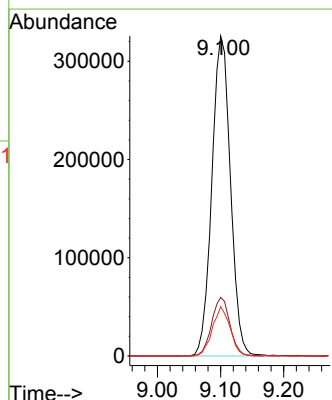
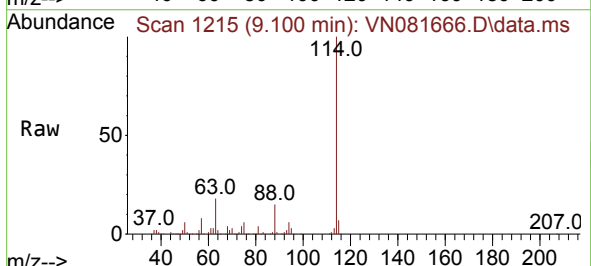
Tgt Ion: 114 Resp: 666008

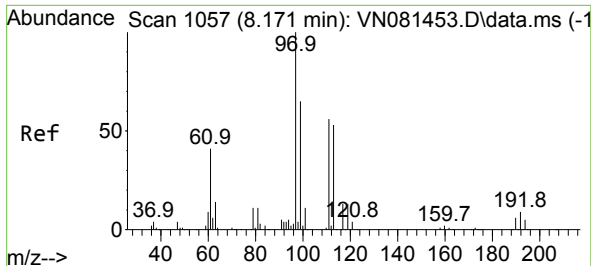
Ion Ratio Lower Upper

114 100

63 18.3 0.0 48.0

88 15.4 0.0 34.8

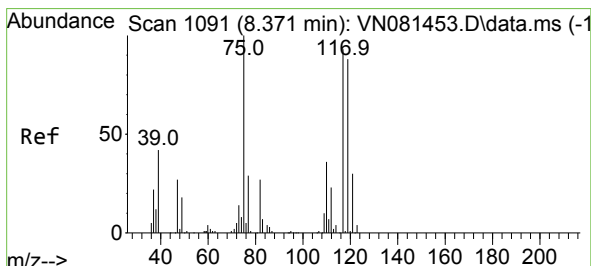
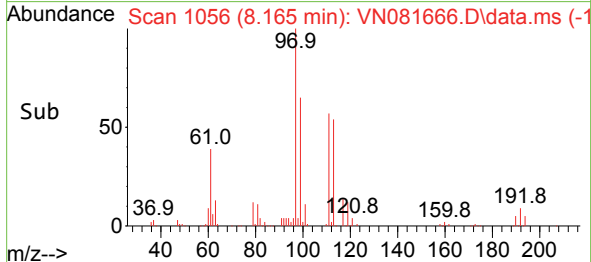
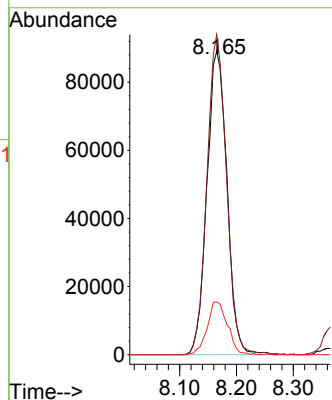
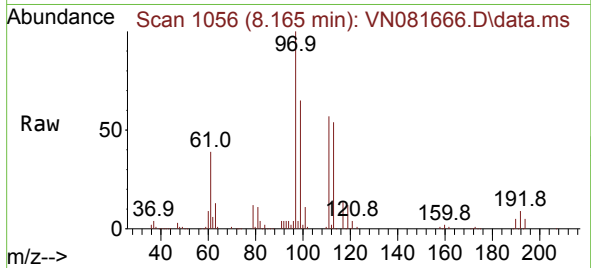




#35
Dibromofluoromethane
Concen: 51.922 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

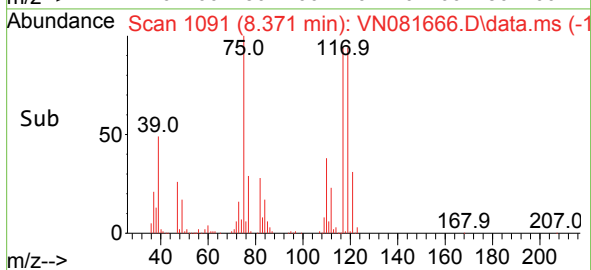
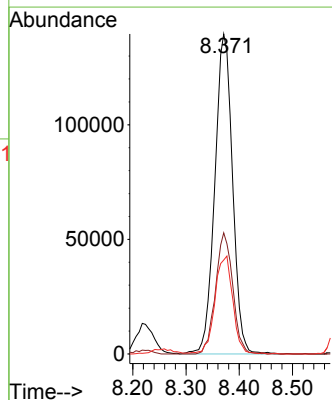
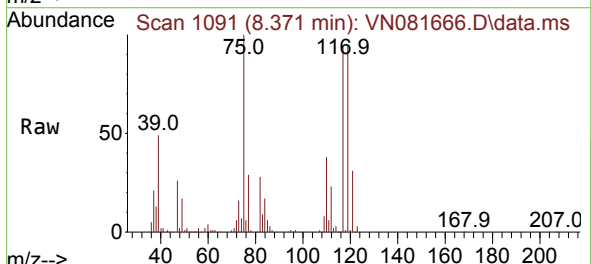
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

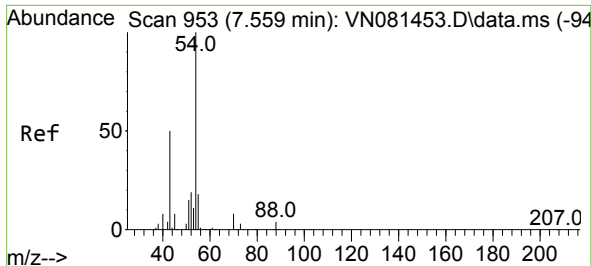
Tgt Ion:113 Resp: 218236
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 17.7 12.5 18.7



#36
1,1-Dichloropropene
Concen: 45.726 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

Tgt Ion: 75 Resp: 323438
Ion Ratio Lower Upper
75 100
110 36.7 16.0 48.0
77 30.6 25.8 38.6





#37

Ethyl Acetate

Concen: 44.236 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN081666.D

Acq: 08 Apr 2024 10:22

Instrument :

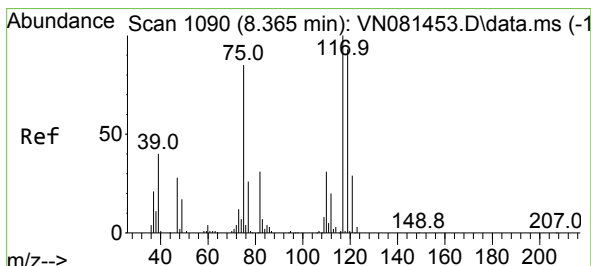
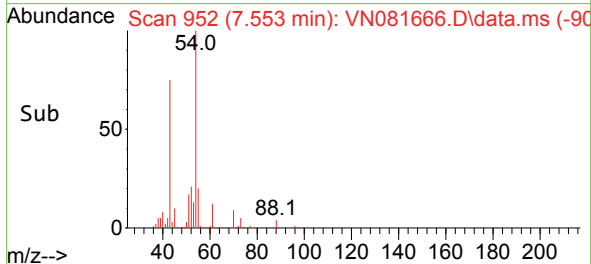
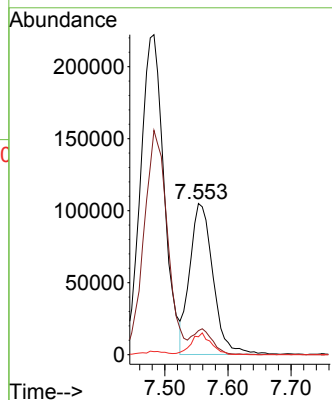
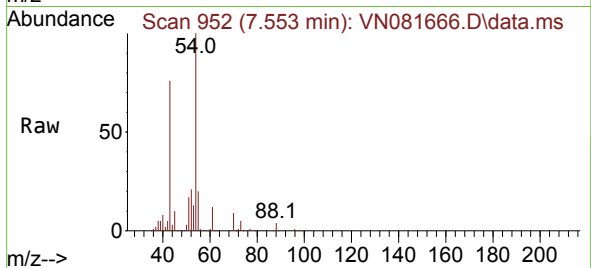
MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 267940

Ion	Ratio	Lower	Upper
43	100		
61	14.8	10.6	15.8
70	12.0	8.0	12.0



#38

Carbon Tetrachloride

Concen: 48.568 ug/l

RT: 8.359 min Scan# 1089

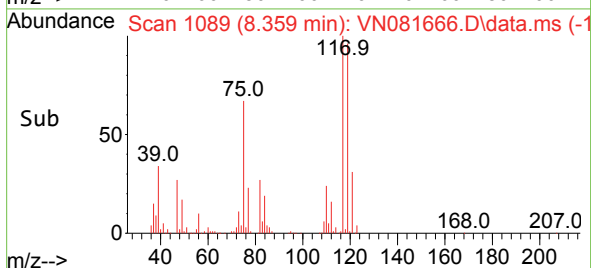
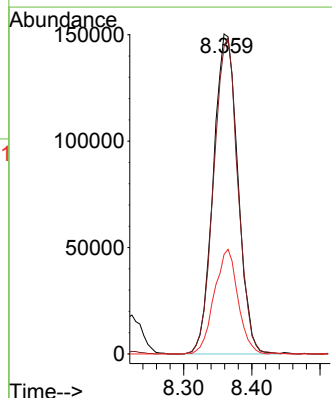
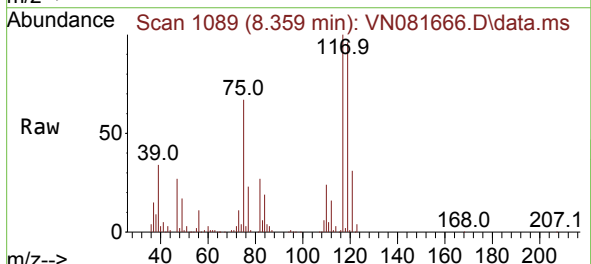
Delta R.T. -0.006 min

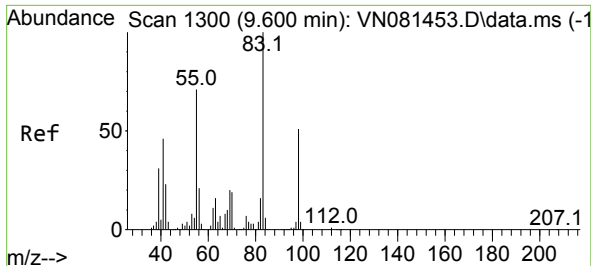
Lab File: VN081666.D

Acq: 08 Apr 2024 10:22

Tgt Ion: 117 Resp: 376339

Ion	Ratio	Lower	Upper
117	100		
119	96.0	73.4	110.2
121	31.1	24.4	36.6





#39

Methylcyclohexane

Concen: 50.256 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN081666.D

Acq: 08 Apr 2024 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

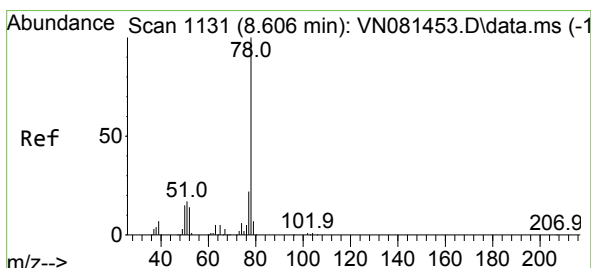
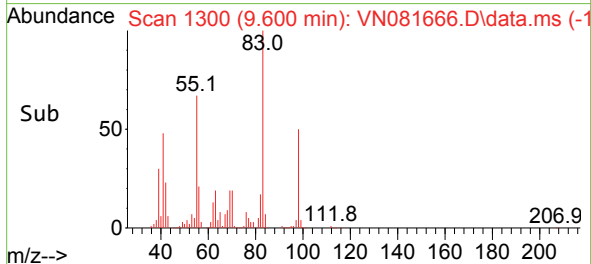
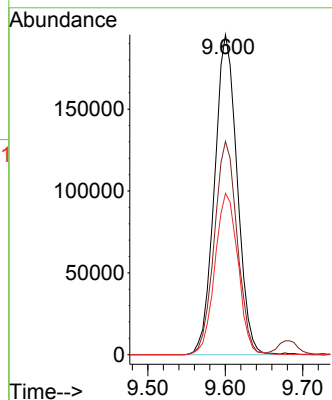
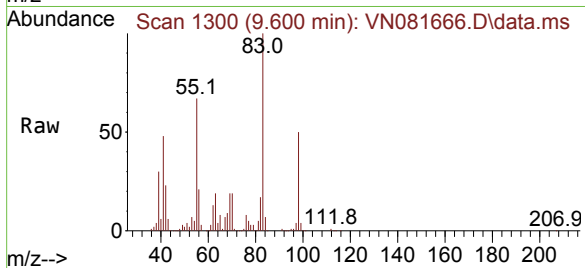
Tgt Ion: 83 Resp: 396985

Ion Ratio Lower Upper

83 100

55 66.7 65.7 98.5

98 50.4 33.8 50.6



#40

Benzene

Concen: 51.255 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN081666.D

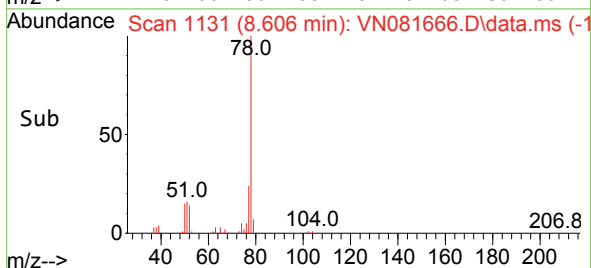
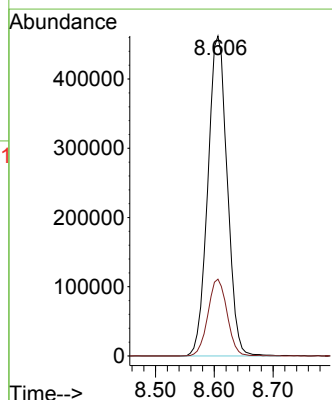
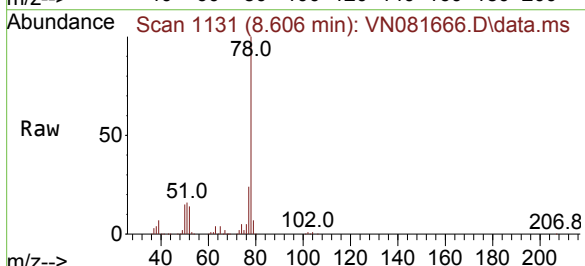
Acq: 08 Apr 2024 10:22

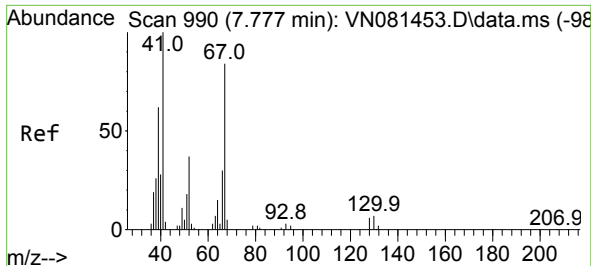
Tgt Ion: 78 Resp: 1059939

Ion Ratio Lower Upper

78 100

77 24.0 20.4 30.6

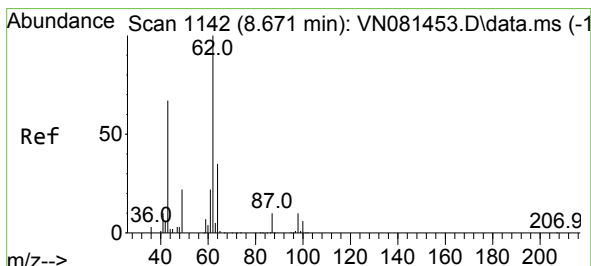
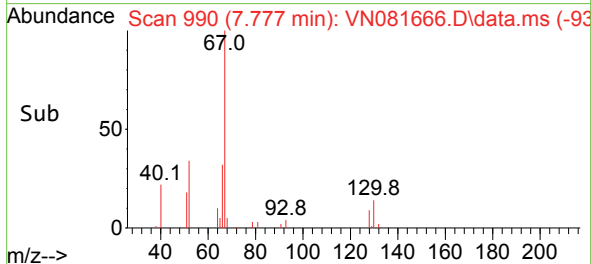
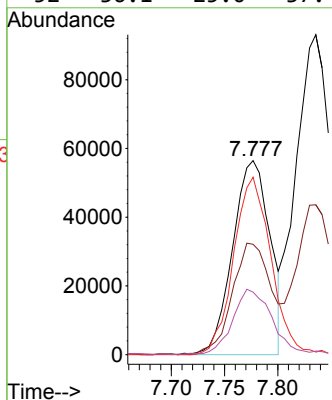
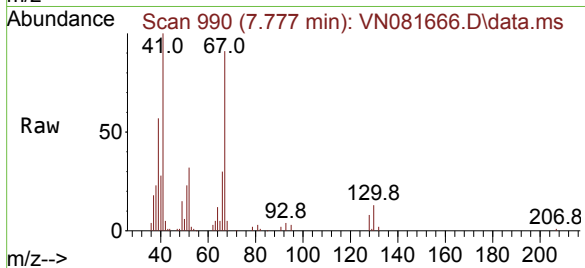




#41
Methacrylonitrile
Concen: 42.913 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

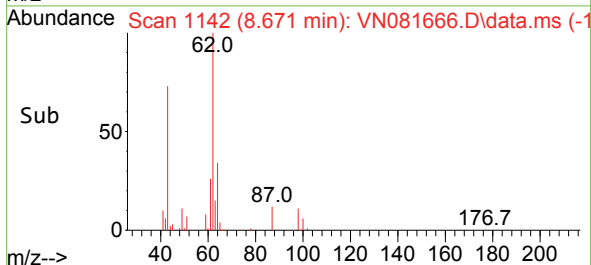
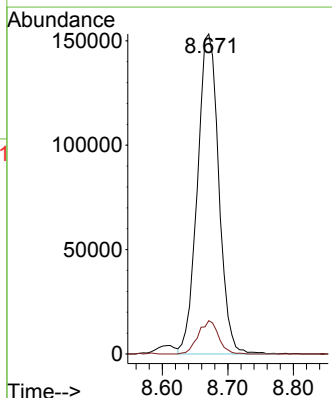
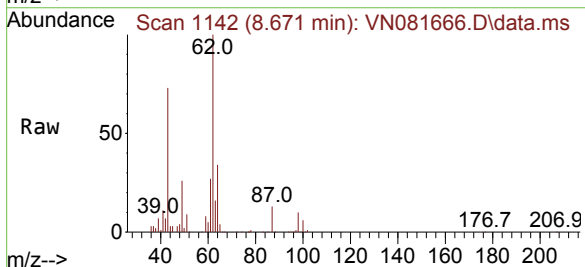
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

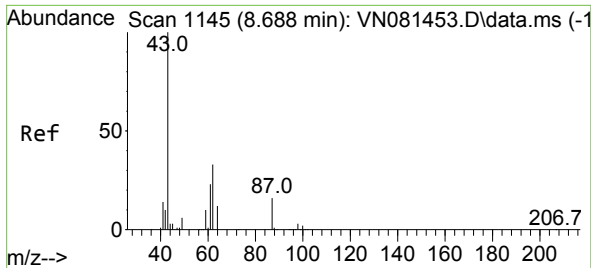
Tgt Ion:	41	Resp:	137459
Ion	Ratio	Lower	Upper
41	100		
39	58.4	48.4	72.6
67	92.3	56.8	85.2
52	36.1	25.0	37.4



#42
1,2-Dichloroethane
Concen: 47.763 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

Tgt Ion:	62	Resp:	347602
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	18.0

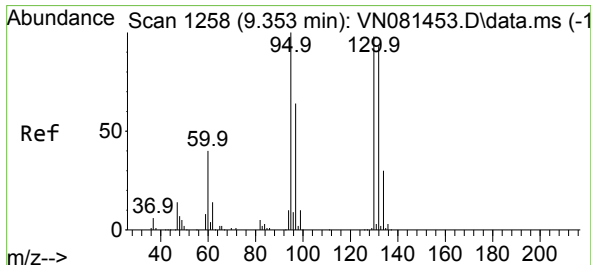
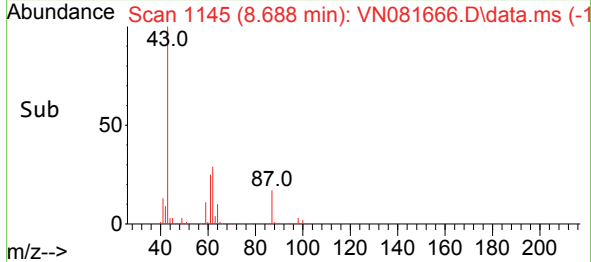
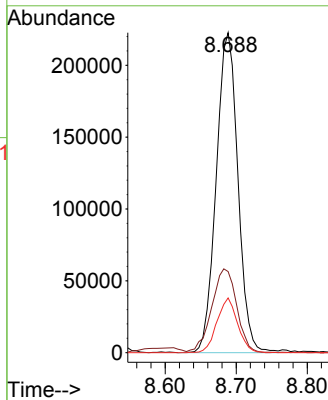
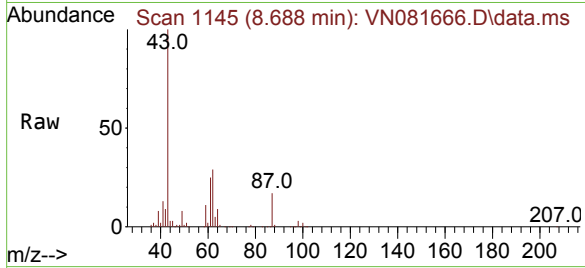




#43
Isopropyl Acetate
Concen: 46.963 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

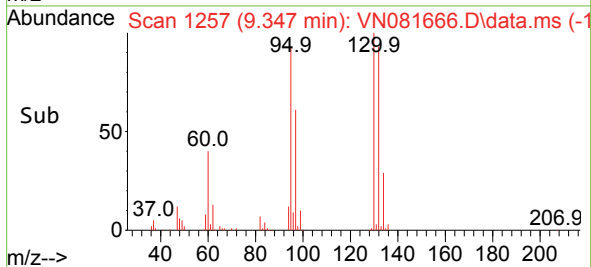
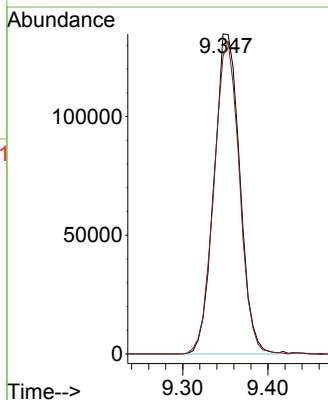
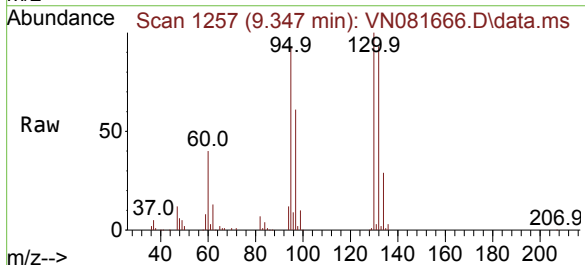
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

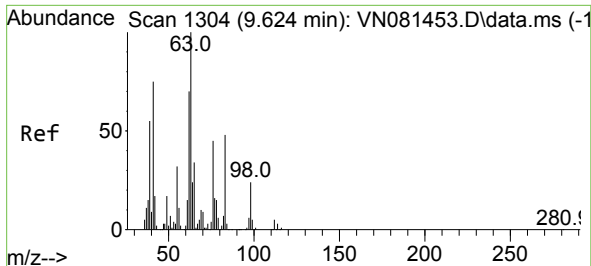
Tgt Ion: 43 Resp: 471510
Ion Ratio Lower Upper
43 100
61 30.3 19.9 29.9#
87 16.2 9.0 13.6#



#44
Trichloroethene
Concen: 48.614 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

Tgt Ion:130 Resp: 282748
Ion Ratio Lower Upper
130 100
95 92.9 0.0 210.4





#45

1,2-Dichloropropane

Concen: 48.888 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081666.D

Acq: 08 Apr 2024 10:22

Instrument :

MSVOA_N

ClientSampleId :

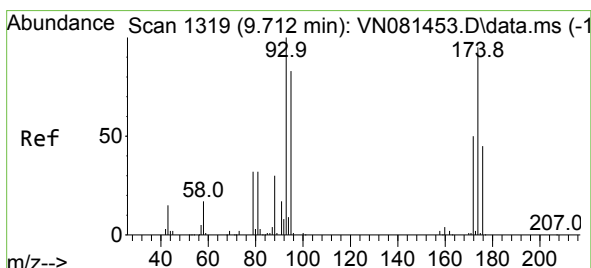
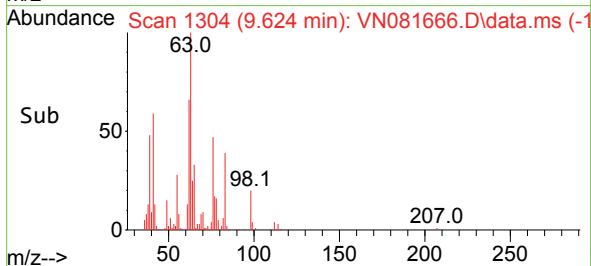
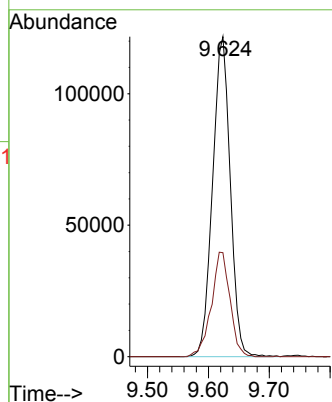
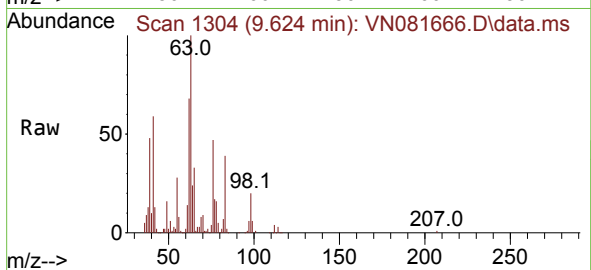
VSTDCCC050

Tgt Ion: 63 Resp: 245018

Ion Ratio Lower Upper

63 100

65 32.5 26.1 39.1



#46

Dibromomethane

Concen: 51.292 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN081666.D

Acq: 08 Apr 2024 10:22

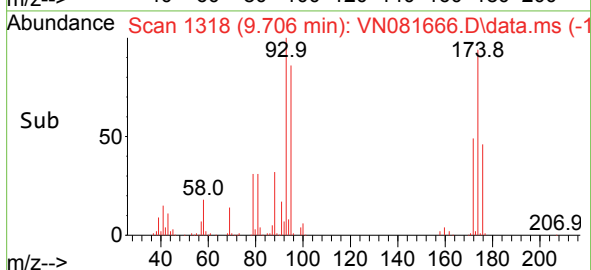
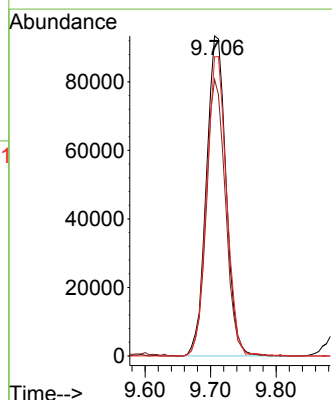
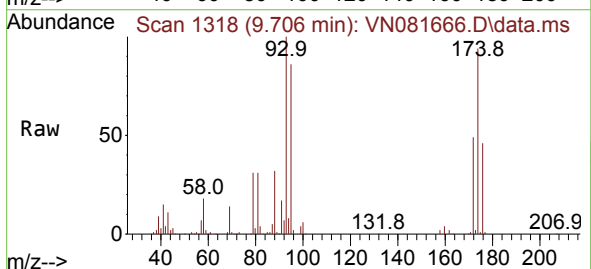
Tgt Ion: 93 Resp: 195223

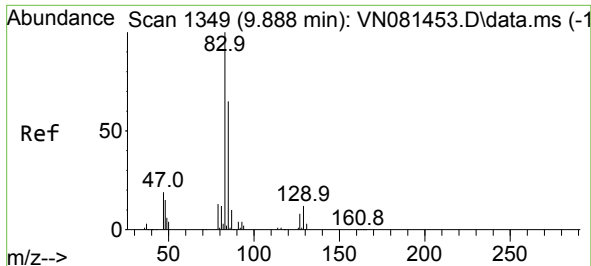
Ion Ratio Lower Upper

93 100

95 84.1 68.1 102.1

174 94.0 57.2 85.8

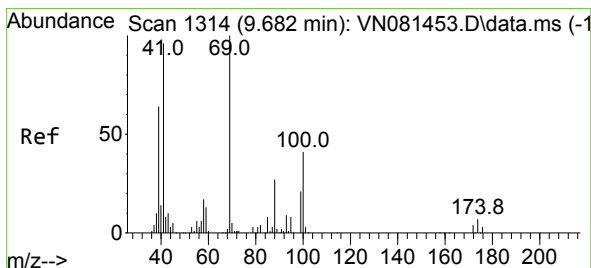
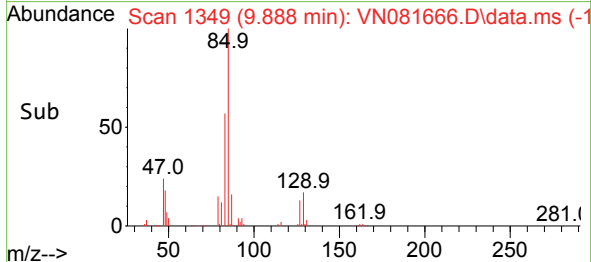
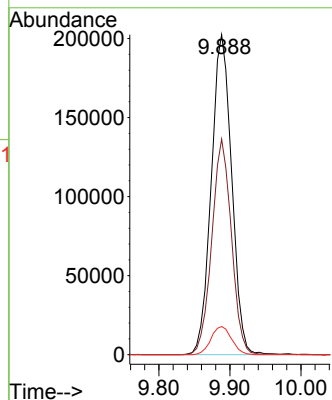
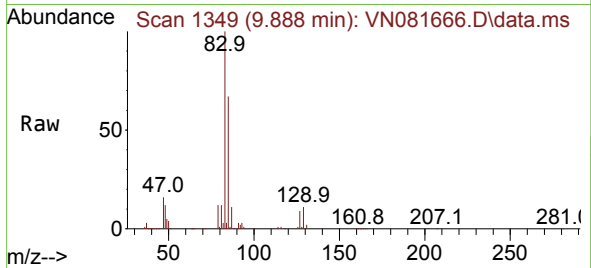




#47
Bromodichloromethane
Concen: 54.162 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

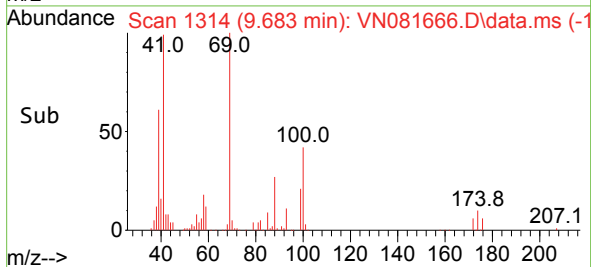
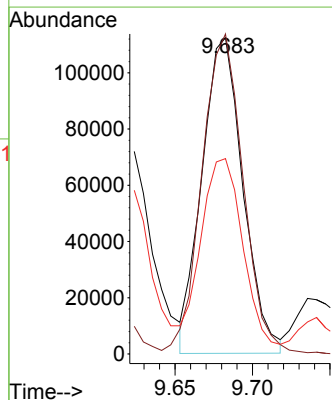
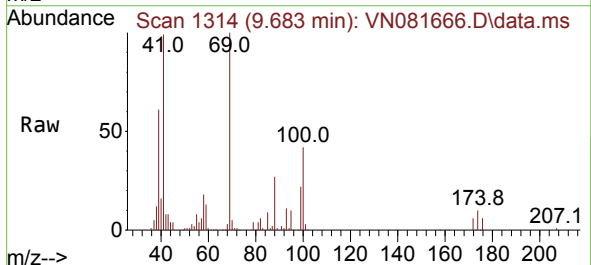
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

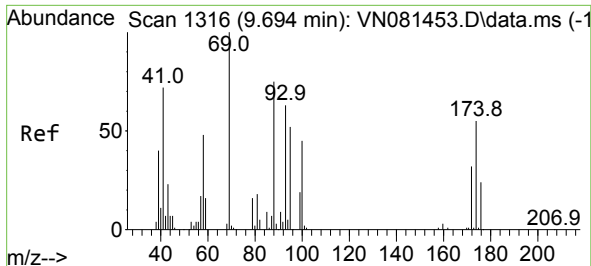
Tgt Ion: 83 Resp: 403048
Ion Ratio Lower Upper
83 100
85 67.4 52.3 78.5
127 8.8 4.6 7.0#



#48
Methyl methacrylate
Concen: 44.568 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

Tgt Ion: 41 Resp: 206390
Ion Ratio Lower Upper
41 100
69 102.5 62.2 93.2#
39 65.9 47.6 71.4





#49

1,4-Dioxane

Concen: 876.608 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081666.D

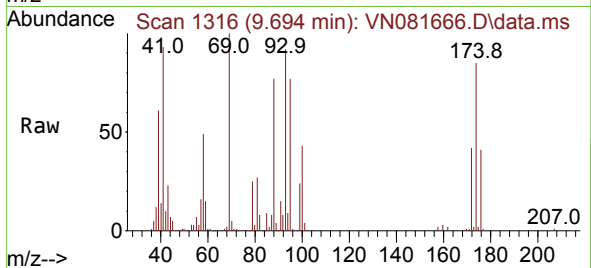
Acq: 08 Apr 2024 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



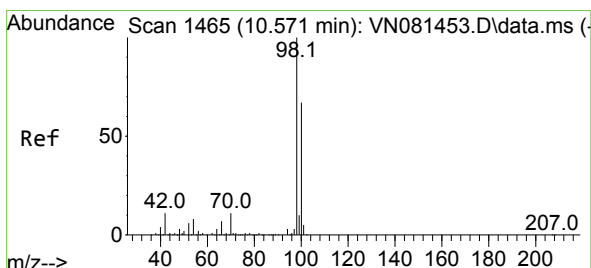
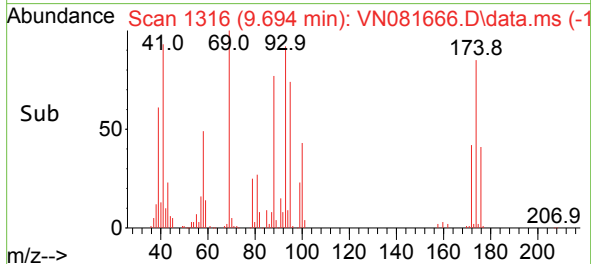
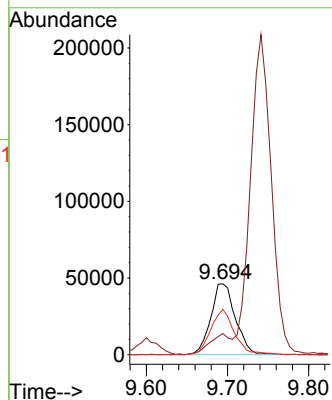
Tgt Ion: 88 Resp: 97556

Ion Ratio Lower Upper

88 100

43 25.9 30.1 45.1#

58 61.5 63.9 95.9#



#50

Toluene-d8

Concen: 48.307 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN081666.D

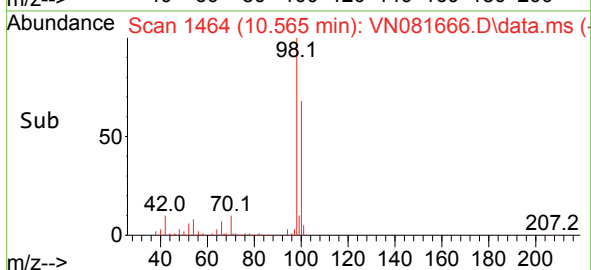
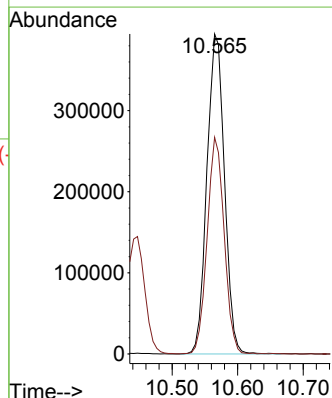
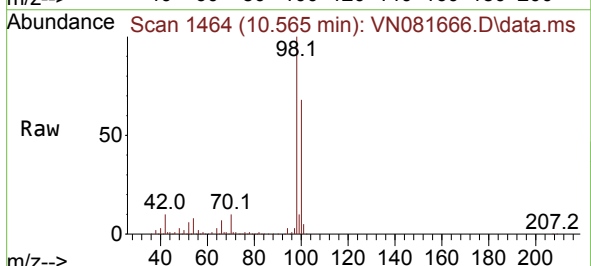
Acq: 08 Apr 2024 10:22

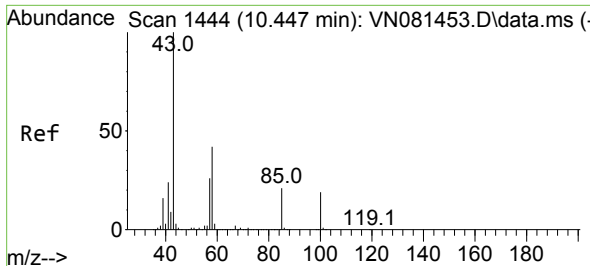
Tgt Ion: 98 Resp: 733973

Ion Ratio Lower Upper

98 100

100 65.5 51.4 77.0

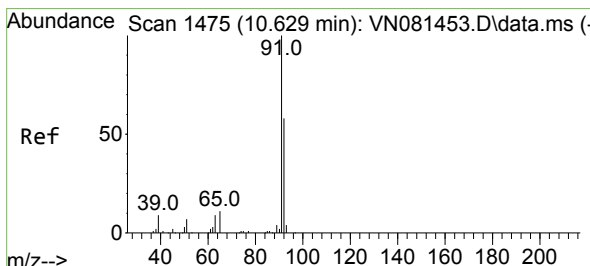
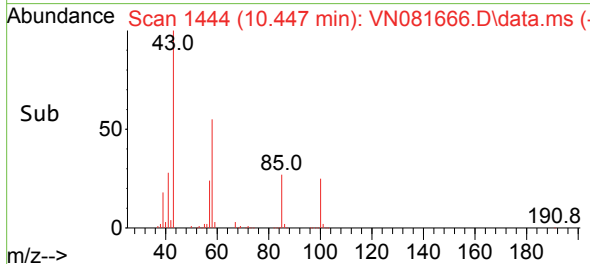
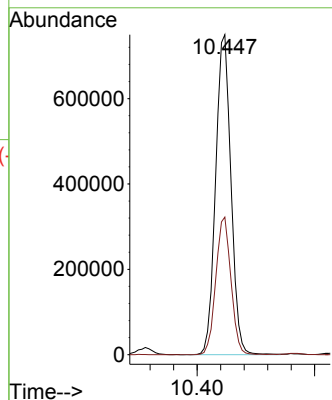
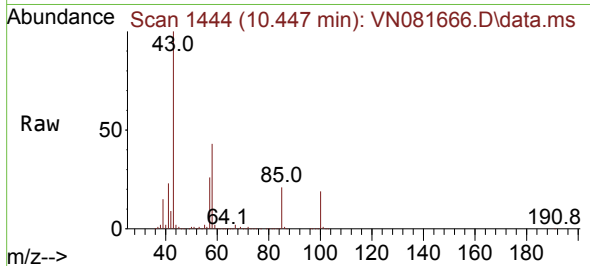




#51
4-Methyl-2-Pentanone
Concen: 221.592 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

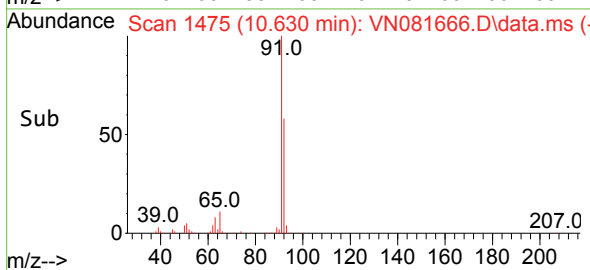
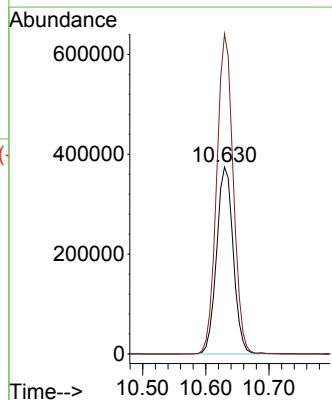
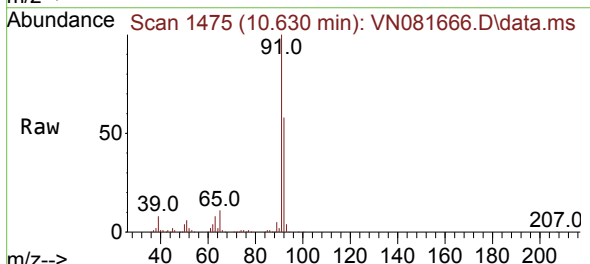
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

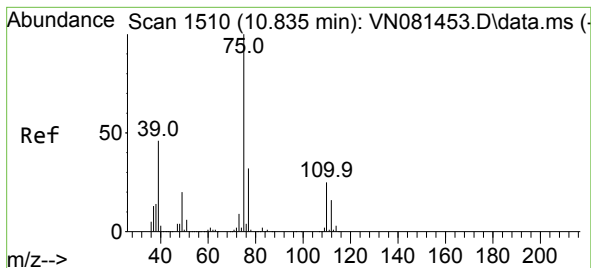
Tgt Ion: 43 Resp: 1357570
Ion Ratio Lower Upper
43 100
58 42.5 29.4 44.0



#52
Toluene
Concen: 52.018 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

Tgt Ion: 92 Resp: 683728
Ion Ratio Lower Upper
92 100
91 170.9 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 50.771 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. 0.000 min

Lab File: VN081666.D

Acq: 08 Apr 2024 10:22

Instrument :

MSVOA_N

ClientSampleId :

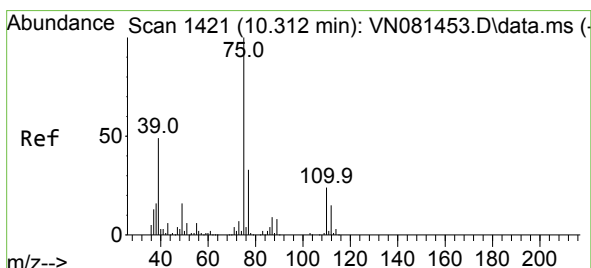
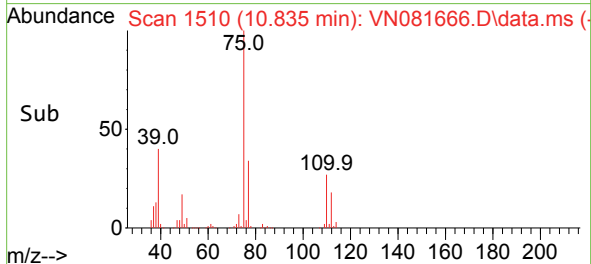
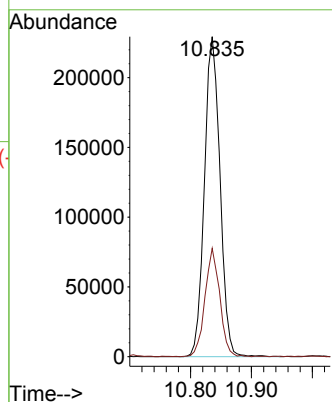
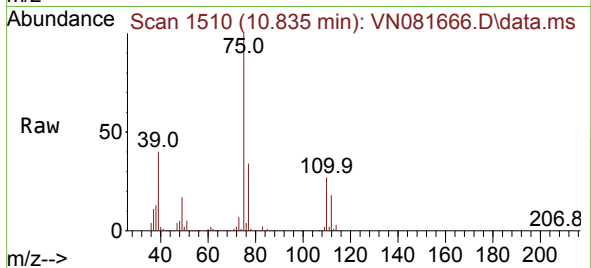
VSTDCCC050

Tgt Ion: 75 Resp: 407966

Ion Ratio Lower Upper

75 100

77 33.9 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 50.587 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. 0.000 min

Lab File: VN081666.D

Acq: 08 Apr 2024 10:22

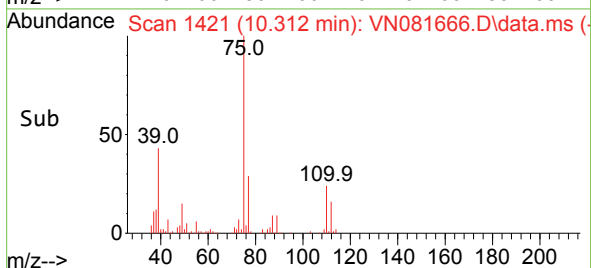
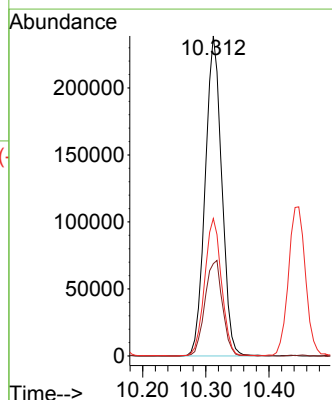
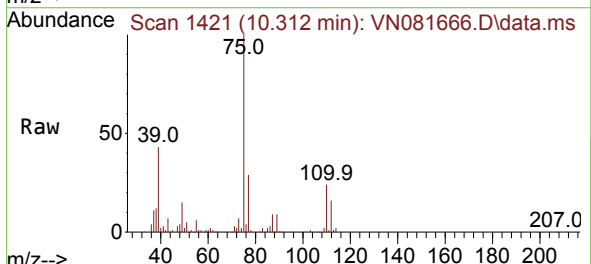
Tgt Ion: 75 Resp: 435820

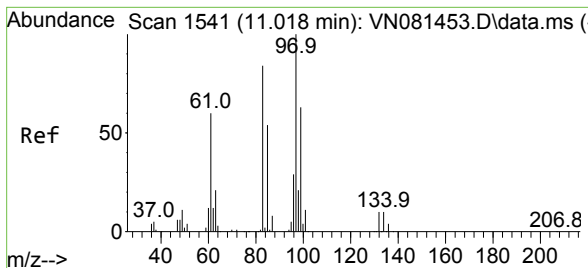
Ion Ratio Lower Upper

75 100

77 28.8 23.3 34.9

39 42.8 44.6 66.8#

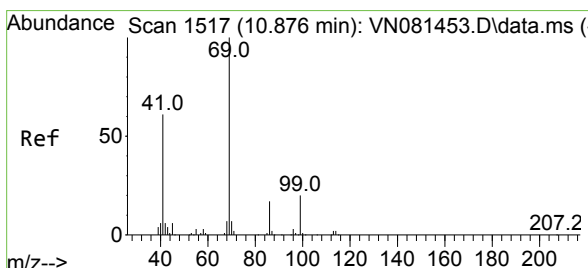
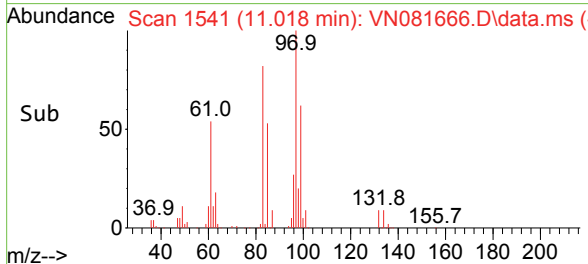
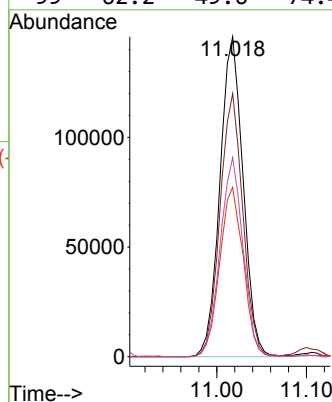
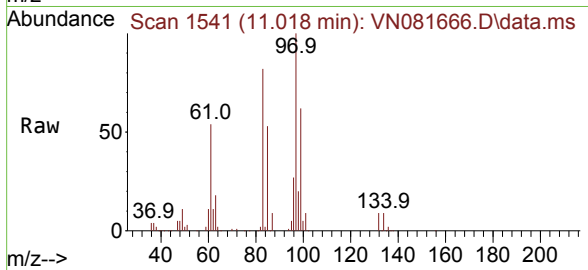




#55
1,1,2-Trichloroethane
Concen: 49.334 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

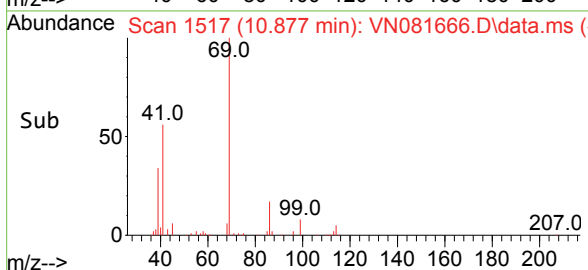
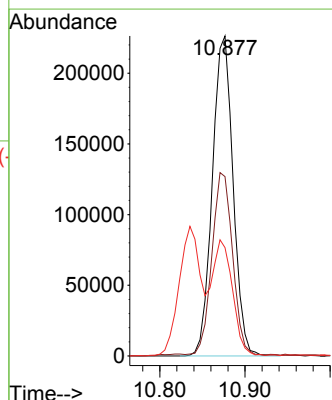
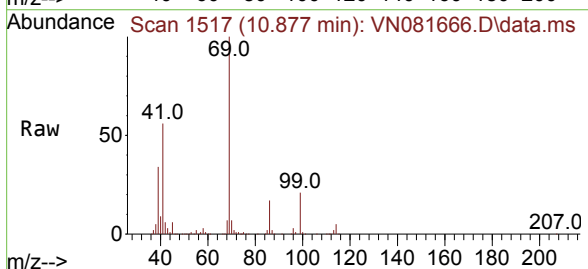
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

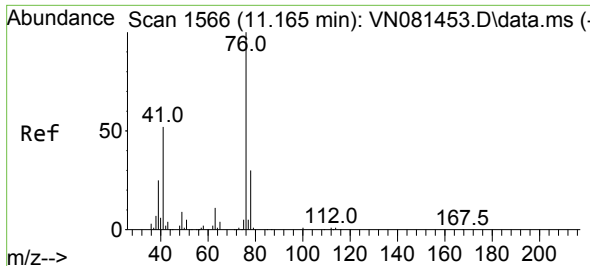
Tgt Ion:	97	Resp:	260962
Ion	Ratio	Lower	Upper
97	100		
83	82.2	72.9	109.3
85	52.9	50.2	75.2
99	62.2	49.6	74.4



#56
Ethyl methacrylate
Concen: 48.880 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.001 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

Tgt Ion:	69	Resp:	383913
Ion	Ratio	Lower	Upper
69	100		
41	56.9	61.0	91.6#
39	35.8	31.8	47.6

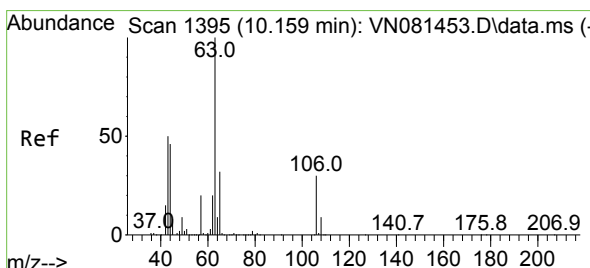
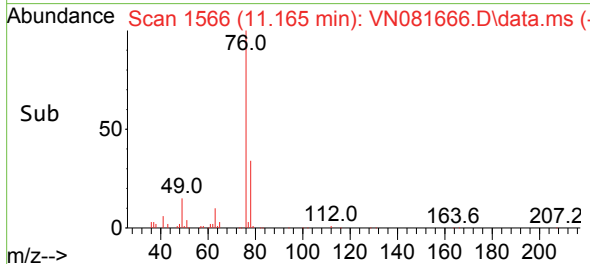
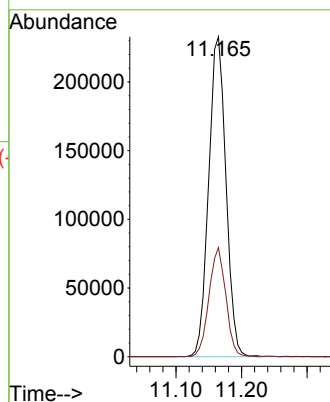
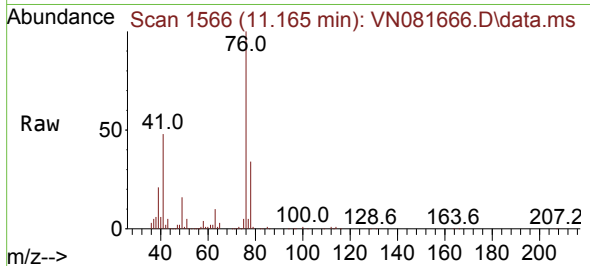




#57
1,3-Dichloropropane
Concen: 49.261 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

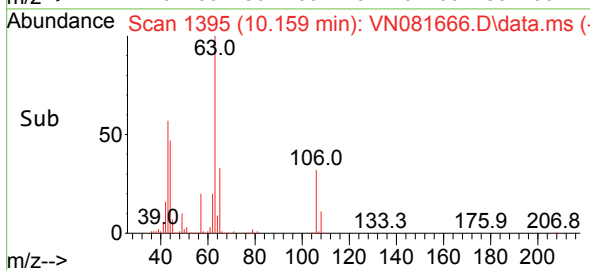
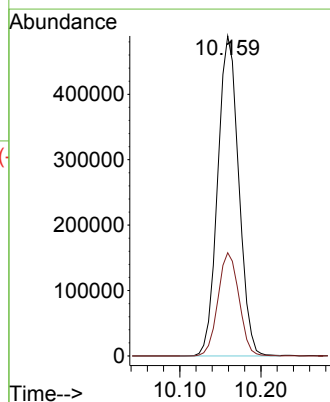
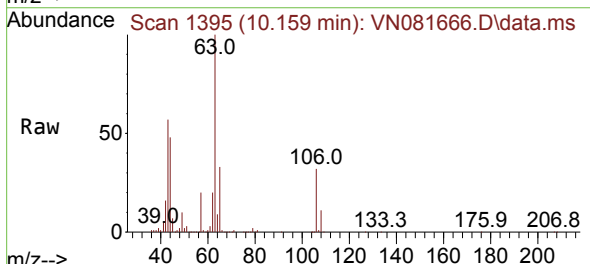
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

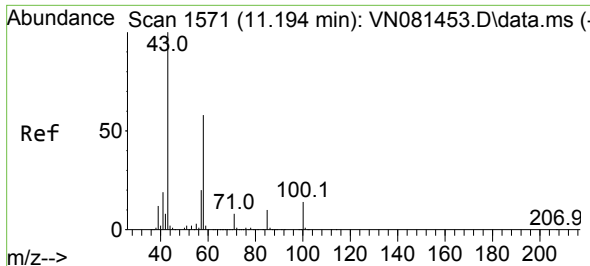
Tgt Ion: 76 Resp: 427162
Ion Ratio Lower Upper
76 100
78 33.2 25.5 38.3



#58
2-Chloroethyl Vinyl ether
Concen: 264.809 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

Tgt Ion: 63 Resp: 881390
Ion Ratio Lower Upper
63 100
106 32.2 18.6 28.0#

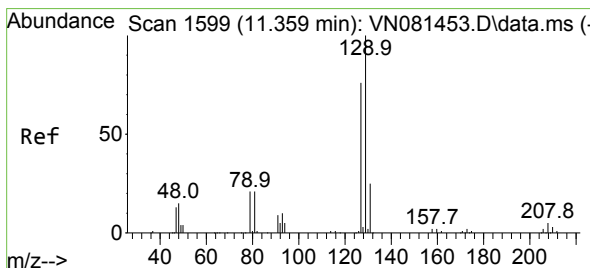
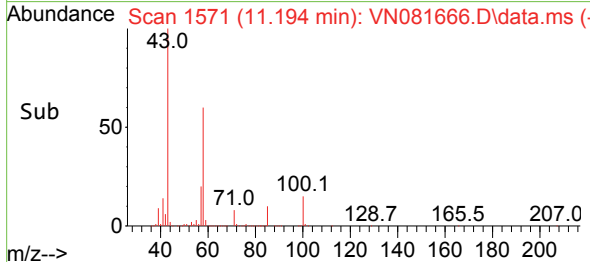
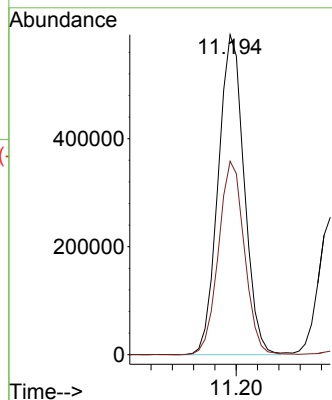
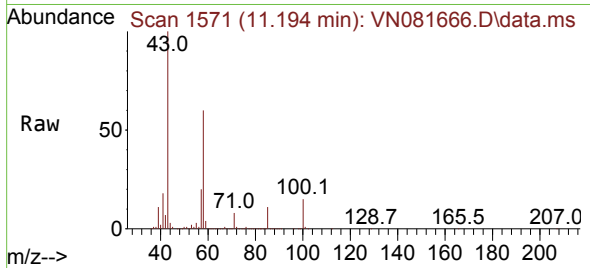




#59
2-Hexanone
Concen: 220.817 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

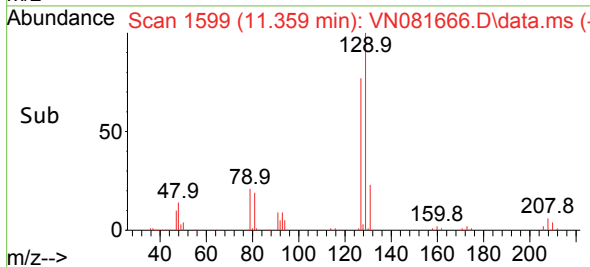
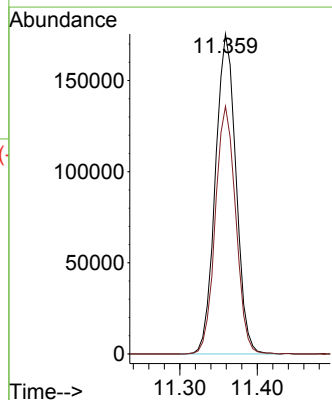
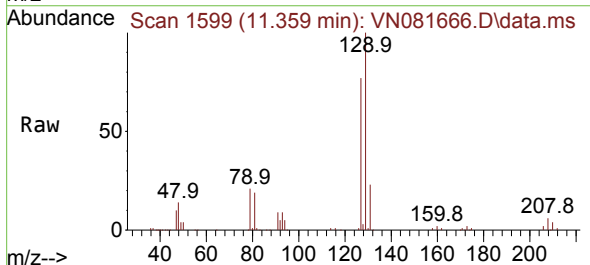
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

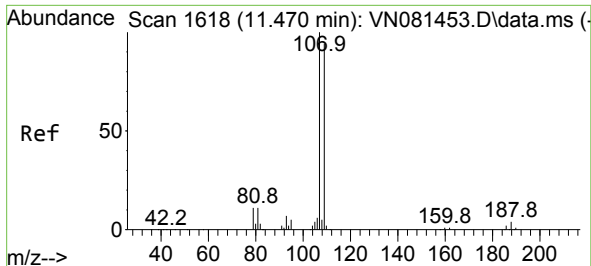
Tgt Ion: 43 Resp: 1000193
Ion Ratio Lower Upper
43 100
58 60.4 25.9 77.8



#60
Dibromochloromethane
Concen: 55.783 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

Tgt Ion: 129 Resp: 324513
Ion Ratio Lower Upper
129 100
127 76.6 39.4 118.2

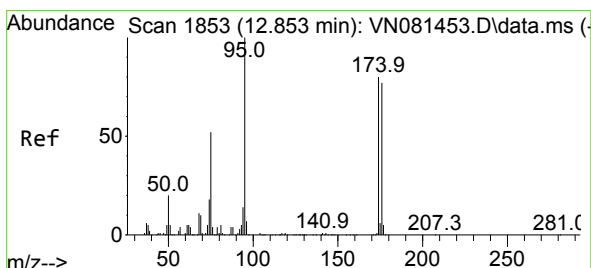
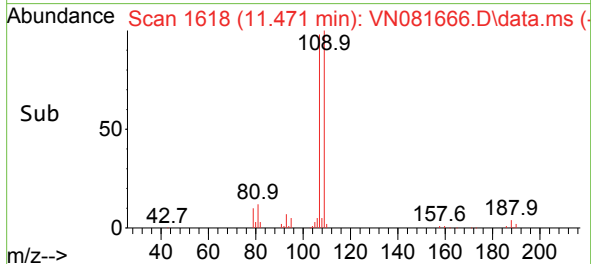
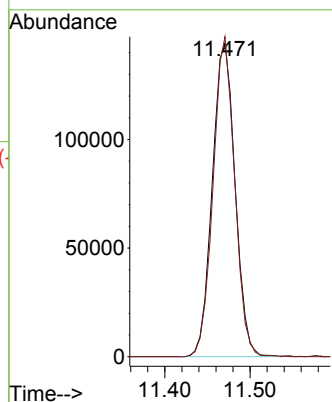
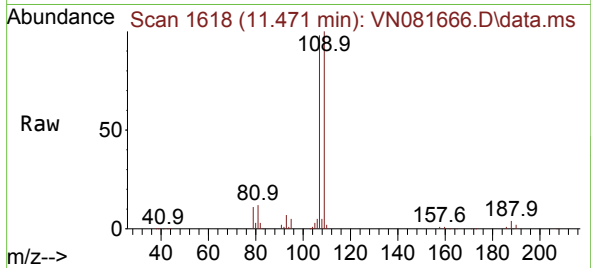




#61
1,2-Dibromoethane
Concen: 49.604 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

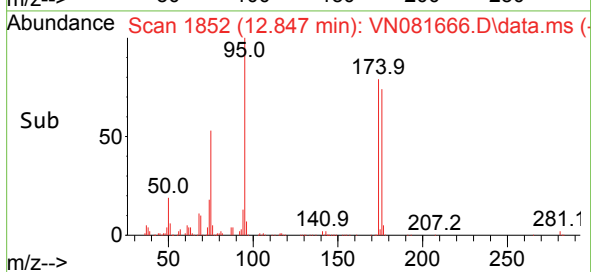
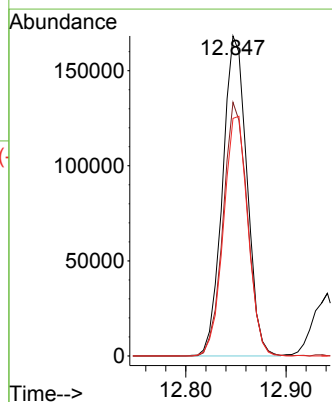
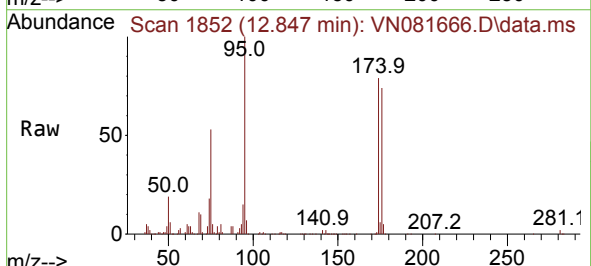
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

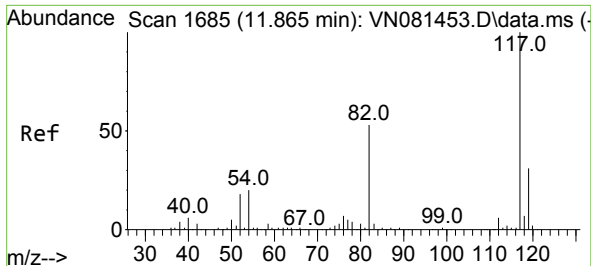
Tgt Ion:107 Resp: 267510
Ion Ratio Lower Upper
107 100
109 96.6 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 53.083 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

Tgt Ion: 95 Resp: 284197
Ion Ratio Lower Upper
95 100
174 78.8 0.0 120.4
176 75.2 0.0 121.0

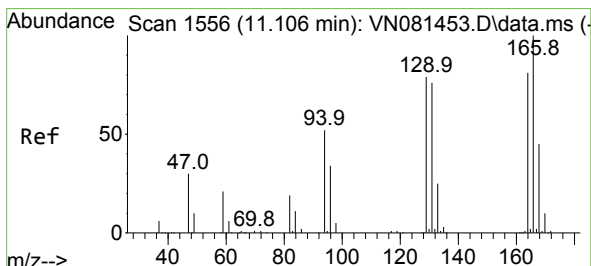
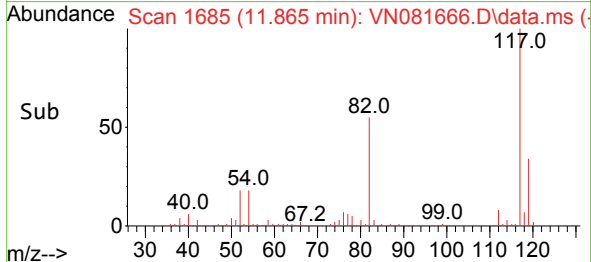
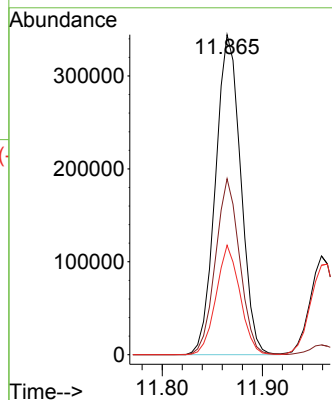
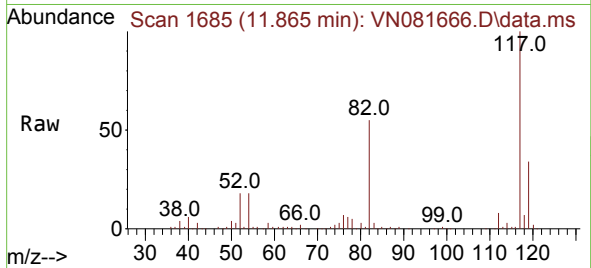




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

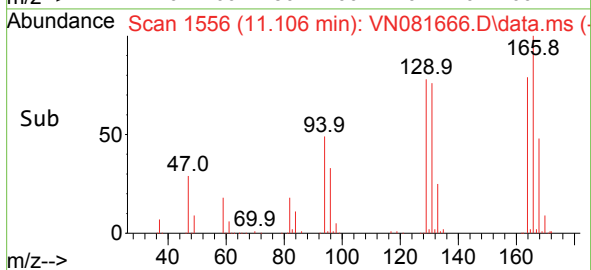
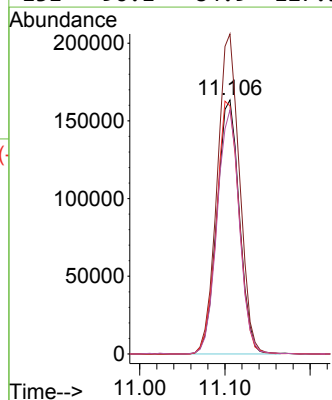
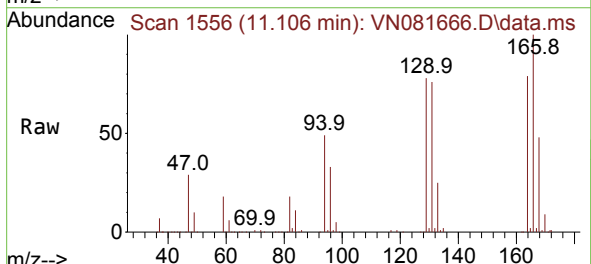
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

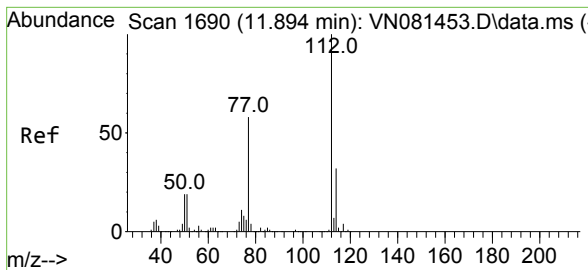
Tgt Ion:117 Resp: 601445
Ion Ratio Lower Upper
117 100
82 55.0 52.7 79.1
119 34.2 25.3 37.9



#64
Tetrachloroethene
Concen: 52.075 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

Tgt Ion:164 Resp: 299381
Ion Ratio Lower Upper
164 100
166 126.0 105.8 158.6
129 97.7 89.6 134.4
131 96.1 84.9 127.3

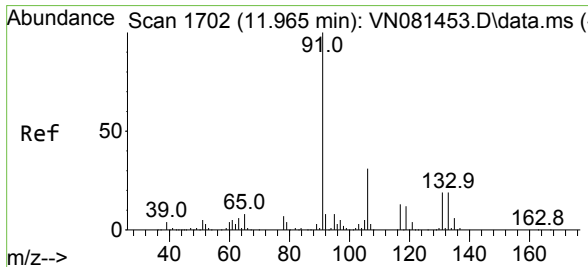
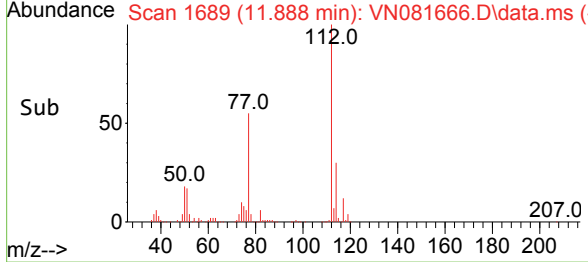
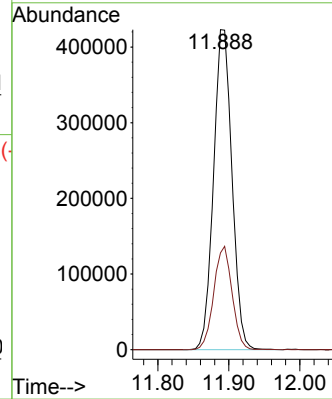
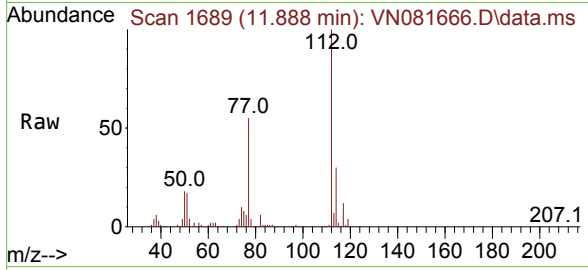




#65
Chlorobenzene
Concen: 53.671 ug/l
RT: 11.888 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

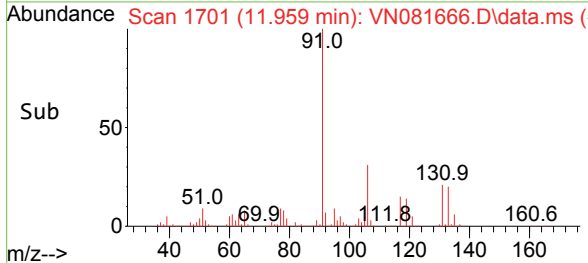
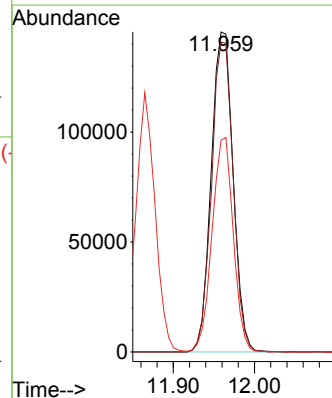
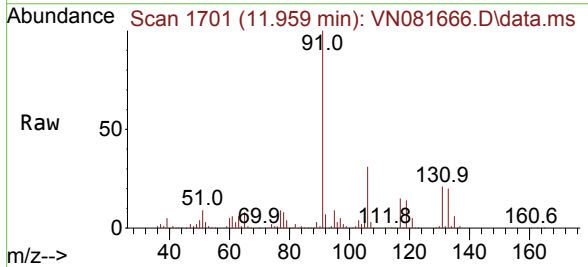
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

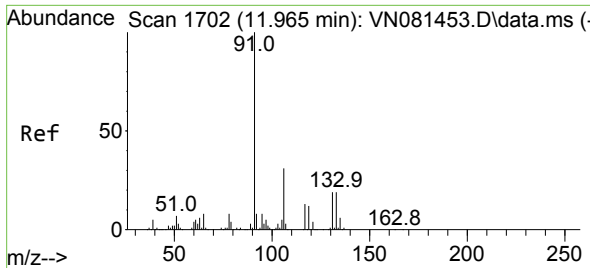
Tgt Ion:112 Resp: 763109
Ion Ratio Lower Upper
112 100
114 30.2 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 51.683 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

Tgt Ion:131 Resp: 272350
Ion Ratio Lower Upper
131 100
133 96.1 46.8 140.3
119 65.1 34.6 103.9

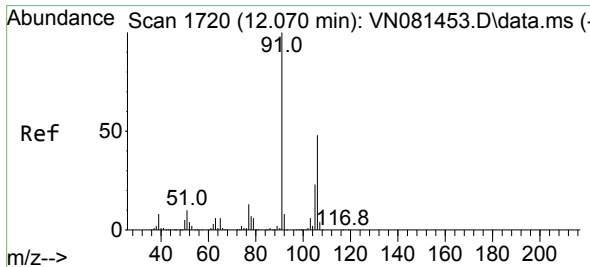
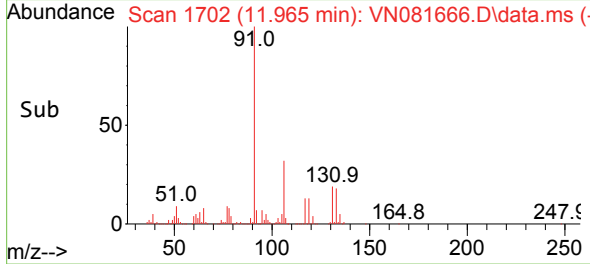
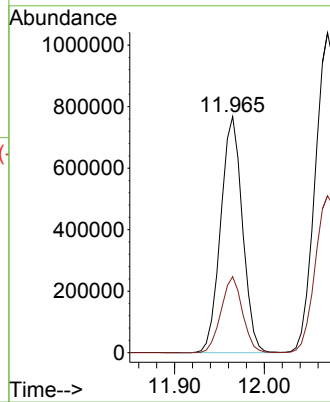
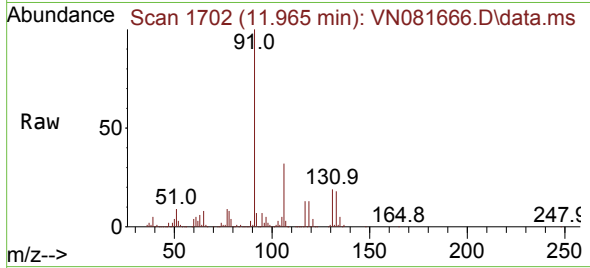




#67
Ethyl Benzene
Concen: 52.293 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

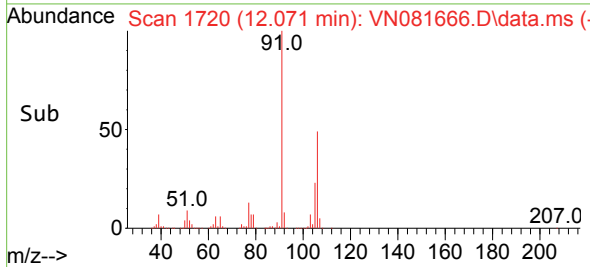
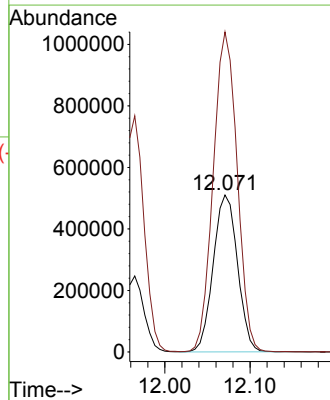
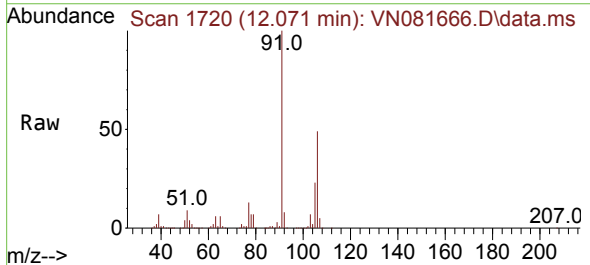
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

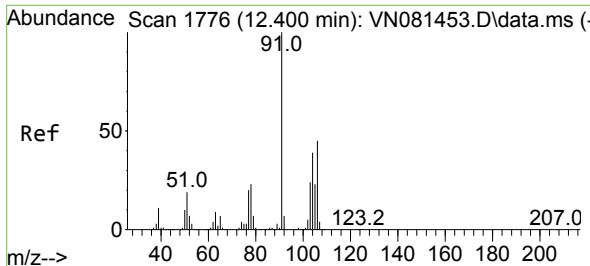
Tgt Ion: 91 Resp: 1291519
Ion Ratio Lower Upper
91 100
106 32.2 23.8 35.6



#68
m/p-Xylenes
Concen: 108.988 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

Tgt Ion:106 Resp: 1009109
Ion Ratio Lower Upper
106 100
91 201.2 169.0 253.6

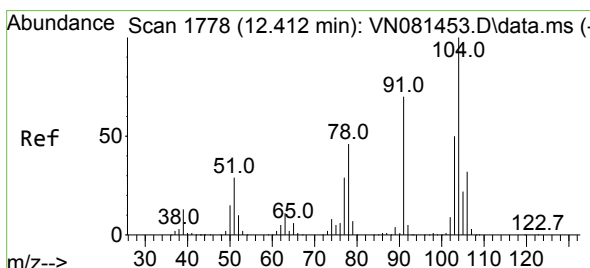
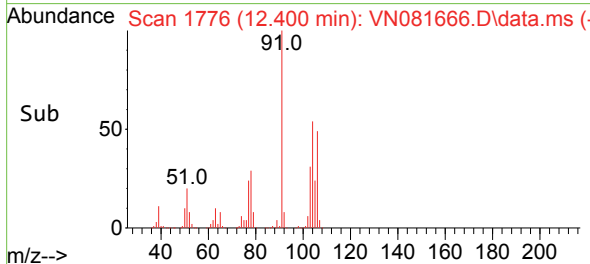
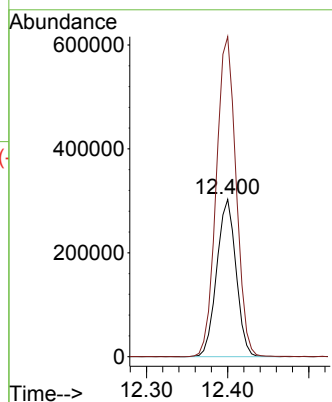
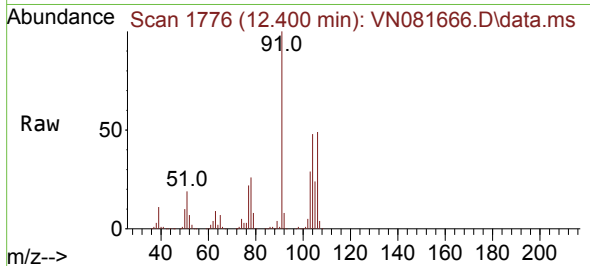




#69
o-Xylene
Concen: 54.999 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

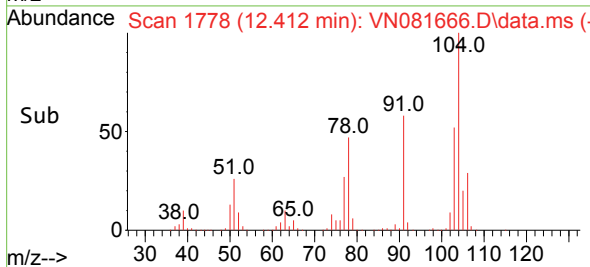
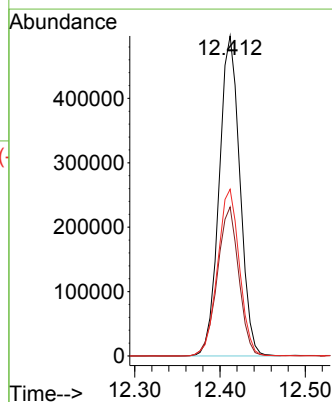
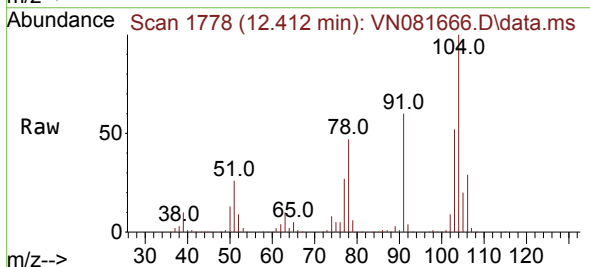
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

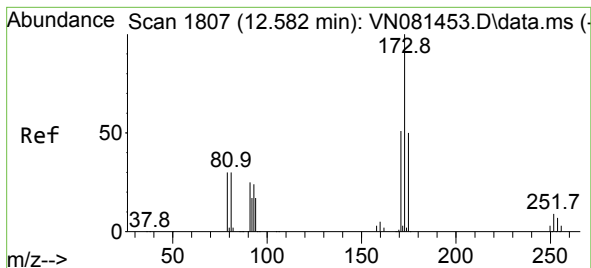
Tgt Ion:106 Resp: 499926
Ion Ratio Lower Upper
106 100
91 209.0 112.1 336.3



#70
Styrene
Concen: 57.276 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

Tgt Ion:104 Resp: 839654
Ion Ratio Lower Upper
104 100
78 48.4 43.8 65.8
103 55.0 44.2 66.2





#71

Bromoform

Concen: 53.026 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VN081666.D

Acq: 08 Apr 2024 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

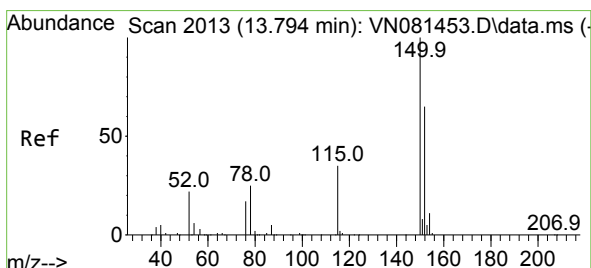
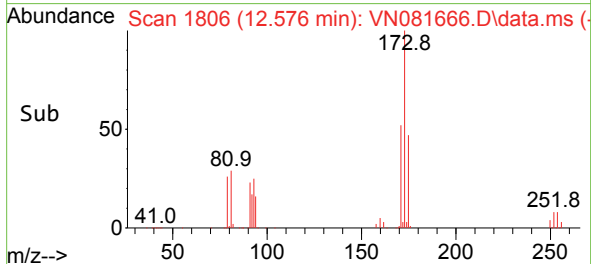
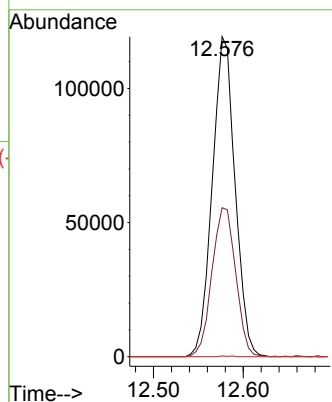
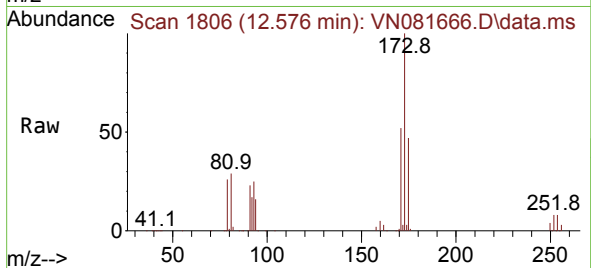
Tgt Ion:173 Resp: 209976

Ion Ratio Lower Upper

173 100

175 48.5 23.1 69.2

254 0.1 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: VN081666.D

Acq: 08 Apr 2024 10:22

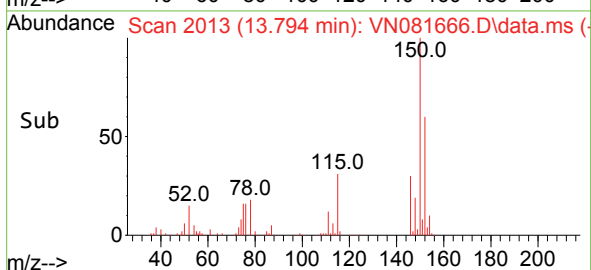
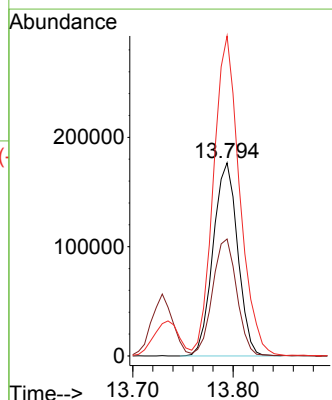
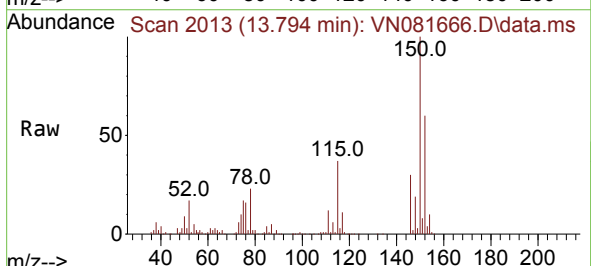
Tgt Ion:152 Resp: 300358

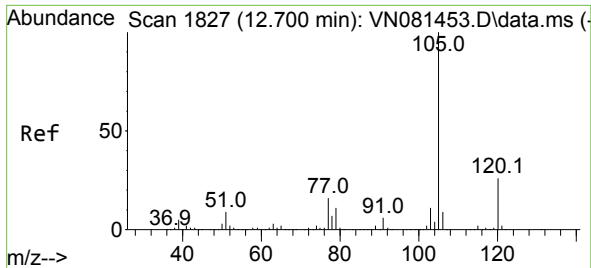
Ion Ratio Lower Upper

152 100

115 59.4 32.3 96.8

150 176.5 0.0 339.8

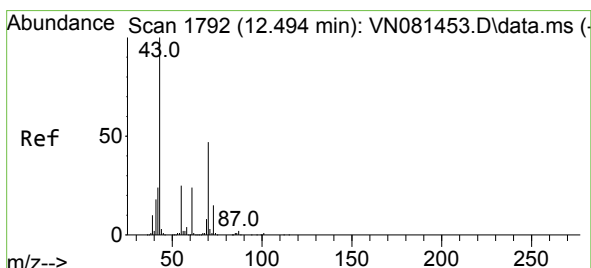
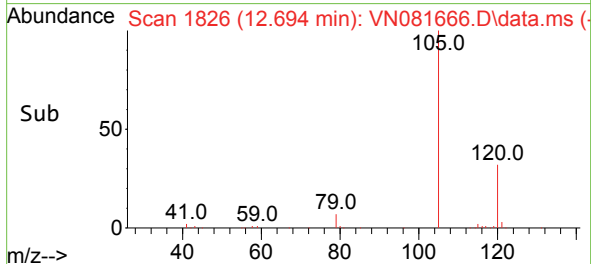
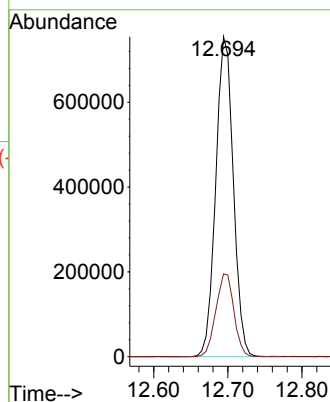
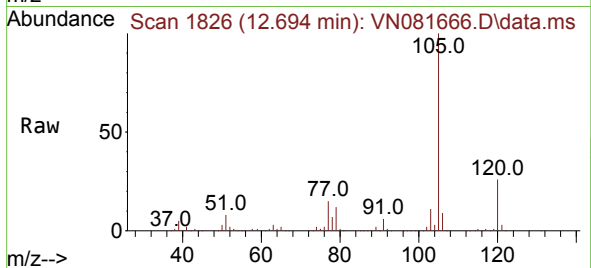




#73
Isopropylbenzene
Concen: 48.490 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

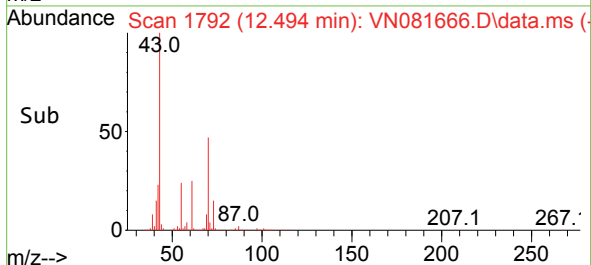
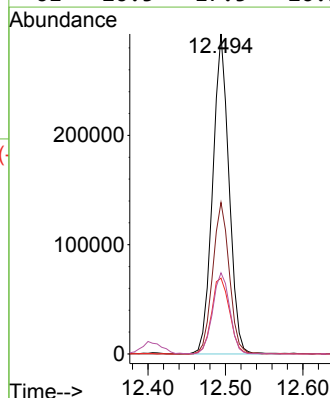
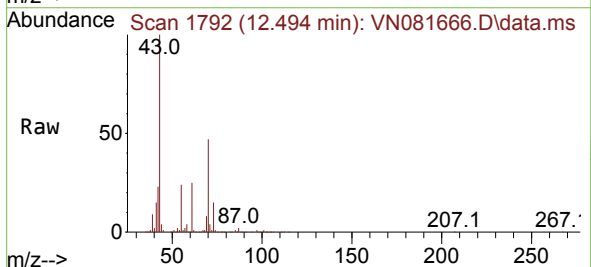
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

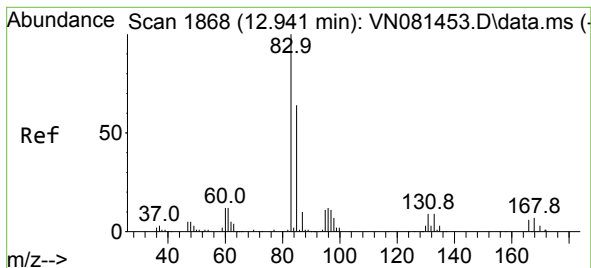
Tgt Ion:105 Resp: 1241479
Ion Ratio Lower Upper
105 100
120 26.6 12.6 37.6



#74
N-ethyl acetate
Concen: 46.193 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

Tgt Ion: 43 Resp: 427995
Ion Ratio Lower Upper
43 100
70 48.2 30.1 45.1#
55 26.3 17.0 25.4#
61 26.5 17.5 26.3#

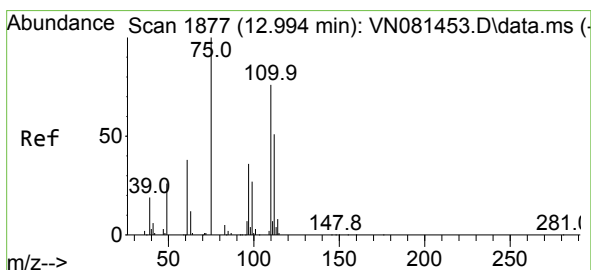
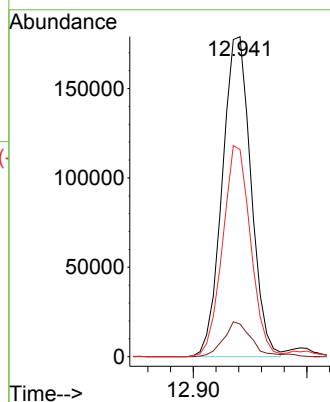
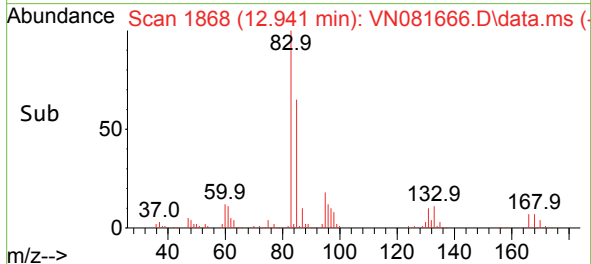
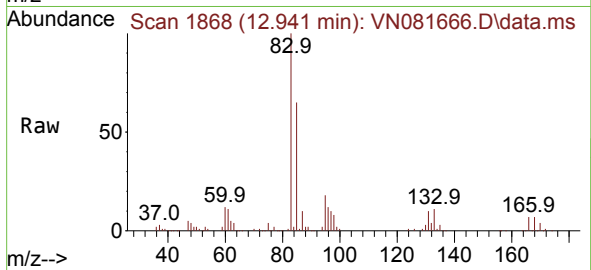




#75
1,1,2,2-Tetrachloroethane
Concen: 41.754 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

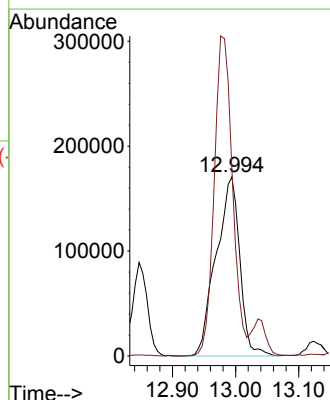
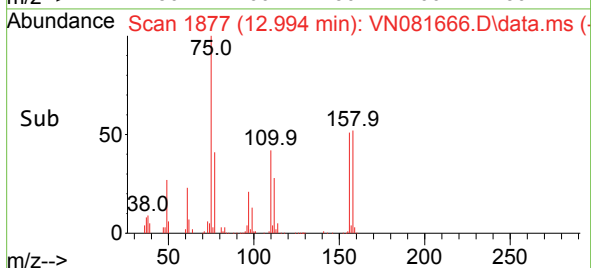
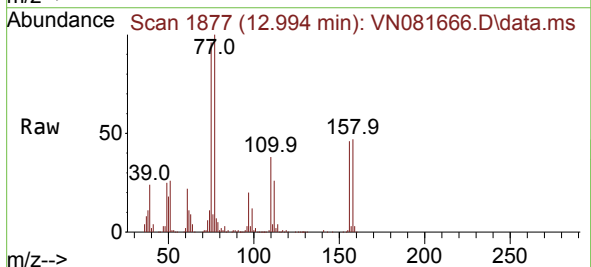
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

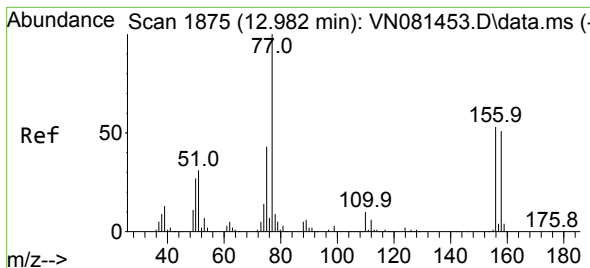
Tgt Ion: 83 Resp: 314304
Ion Ratio Lower Upper
83 100
131 10.8 4.1 12.3
85 64.5 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 61.909 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

Tgt Ion: 75 Resp: 444795
Ion Ratio Lower Upper
75 100
77 138.1 91.0 272.8





#77

Bromobenzene

Concen: 49.268 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.006 min

Lab File: VN081666.D

Acq: 08 Apr 2024 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

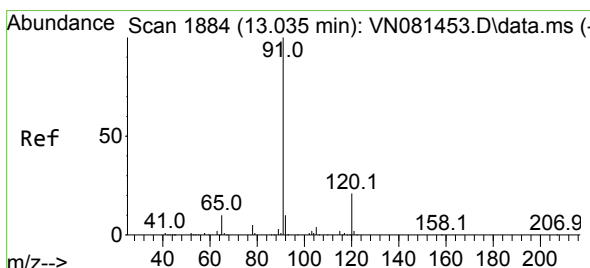
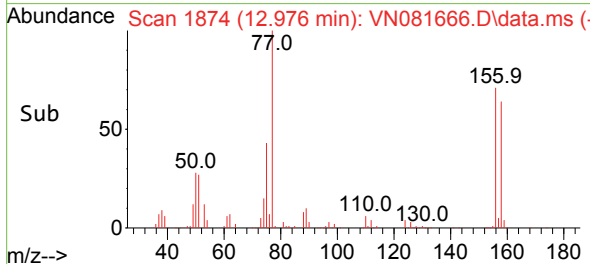
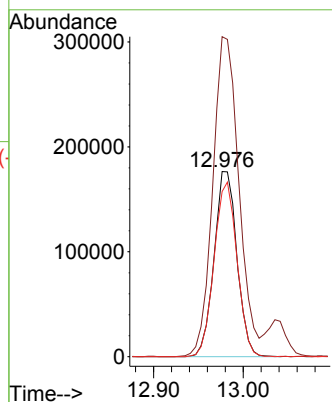
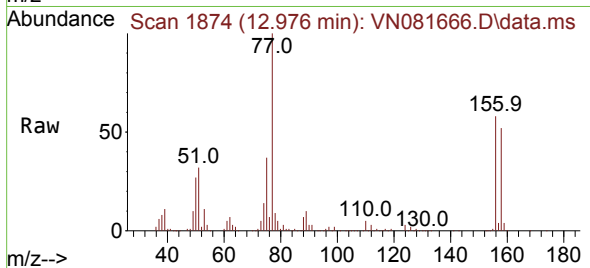
Tgt Ion:156 Resp: 311599

Ion Ratio Lower Upper

156 100

77 197.2 138.1 414.3

158 94.9 46.5 139.5



#78

n-propylbenzene

Concen: 48.065 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN081666.D

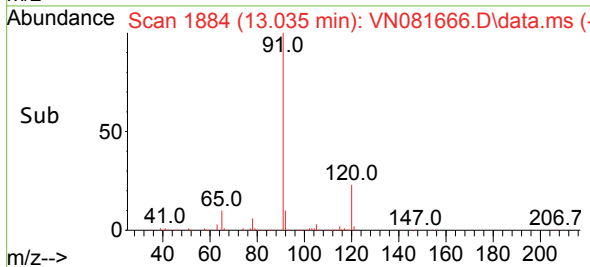
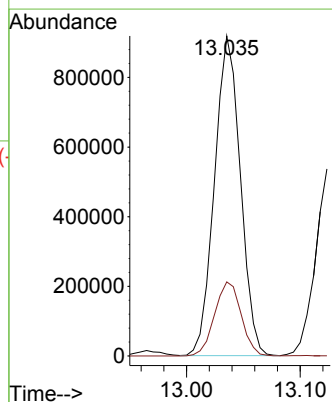
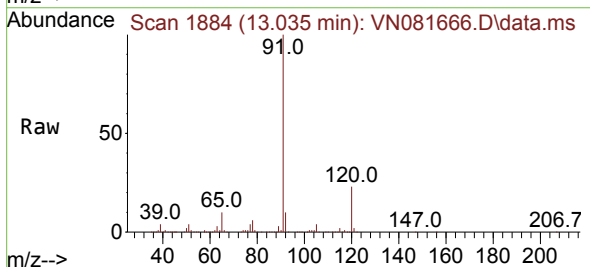
Acq: 08 Apr 2024 10:22

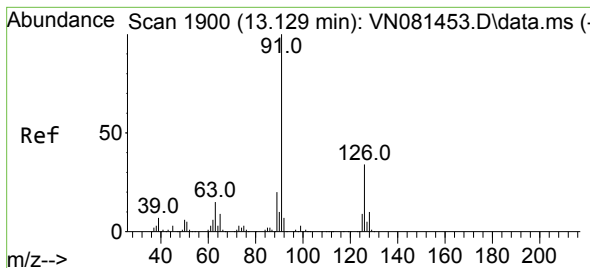
Tgt Ion: 91 Resp: 1453276

Ion Ratio Lower Upper

91 100

120 23.8 10.3 30.9





#79

2-Chlorotoluene

Concen: 48.708 ug/l

RT: 13.123 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN081666.D

Acq: 08 Apr 2024 10:22

Instrument :

MSVOA_N

ClientSampleId :

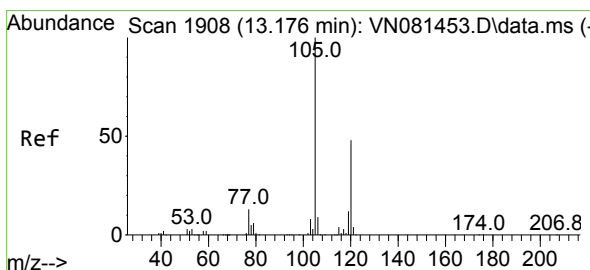
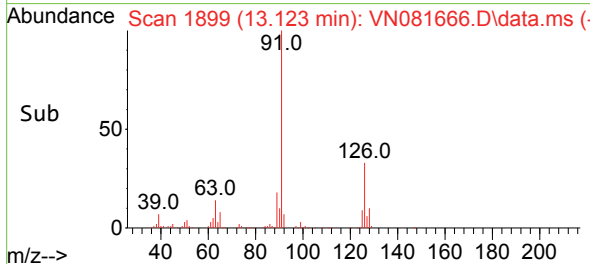
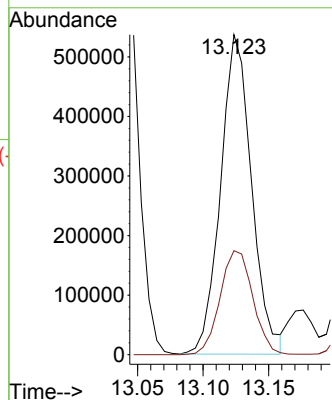
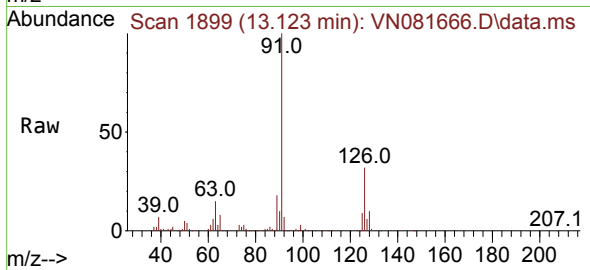
VSTDCCC050

Tgt Ion: 91 Resp: 881429

Ion Ratio Lower Upper

91 100

126 34.4 14.8 44.4



#80

1,3,5-Trimethylbenzene

Concen: 49.521 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VN081666.D

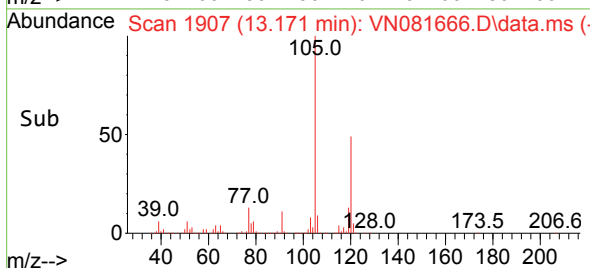
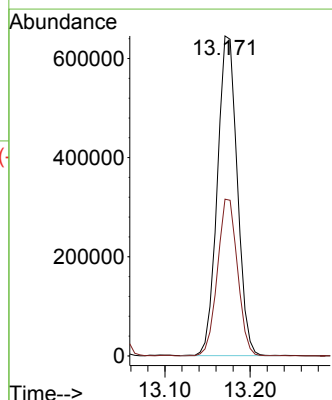
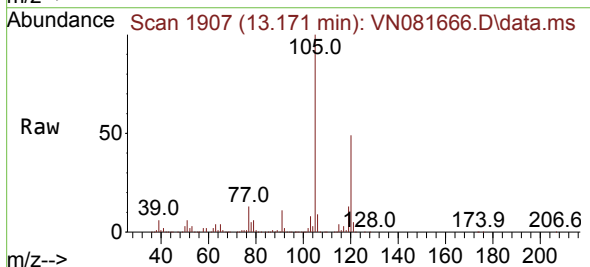
Acq: 08 Apr 2024 10:22

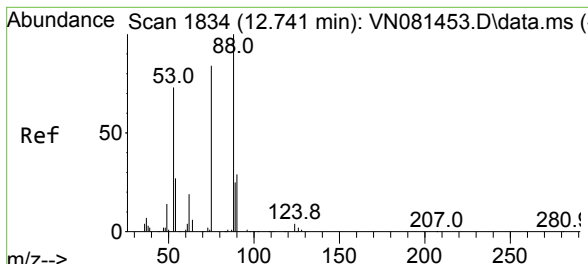
Tgt Ion: 105 Resp: 1047213

Ion Ratio Lower Upper

105 100

120 49.5 23.0 69.0

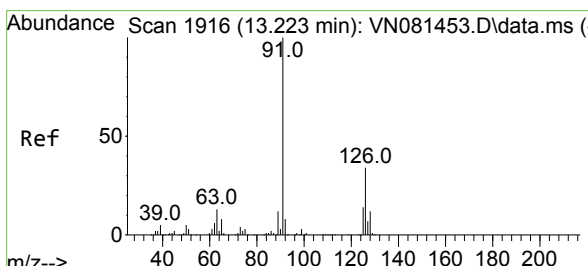
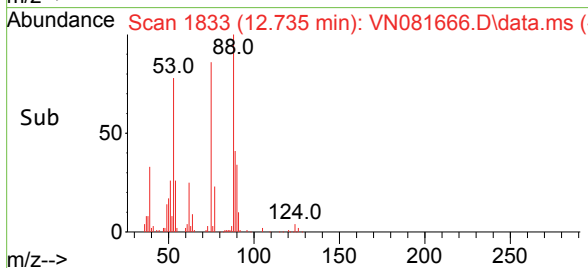
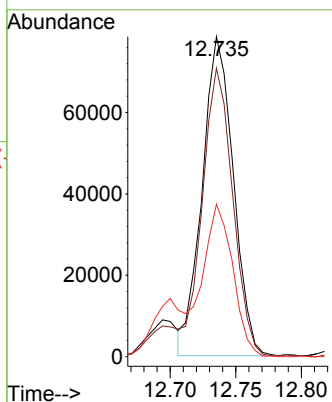
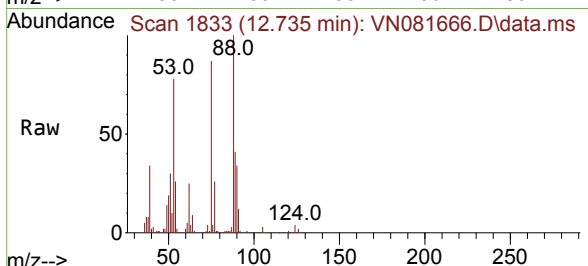




#81
trans-1,4-Dichloro-2-butene
Concen: 48.674 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

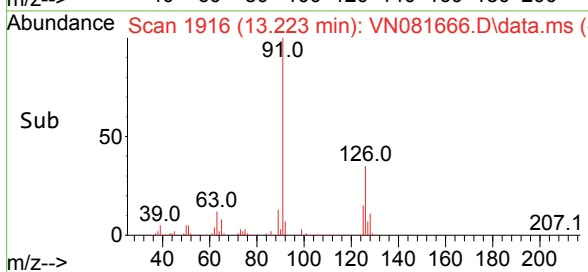
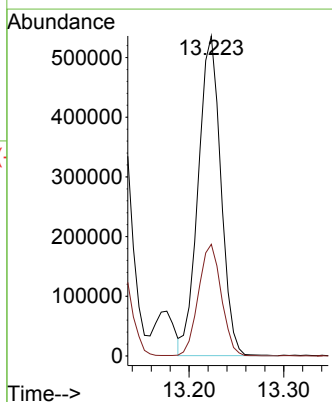
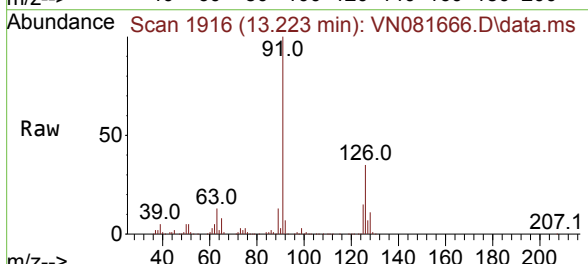
Instrument : MSVOA_N
ClientSampleId : VSTDCCC050

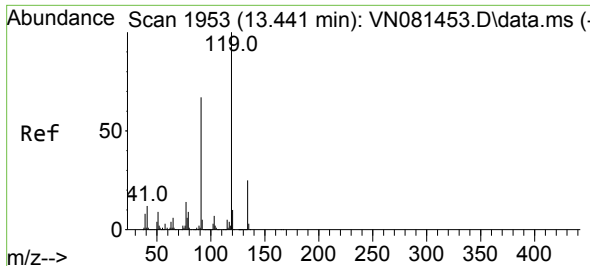
Tgt Ion:	75	Resp:	129409
Ion Ratio	Lower	Upper	
75	100		
53	98.6	71.4	107.2
89	46.2	33.4	50.0



#82
4-Chlorotoluene
Concen: 49.687 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

Tgt Ion:	91	Resp:	886481
Ion Ratio	Lower	Upper	
91	100		
126	35.2	15.3	45.9

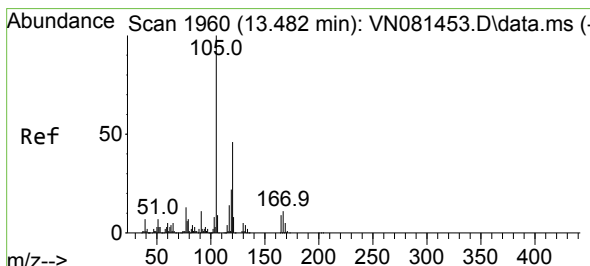
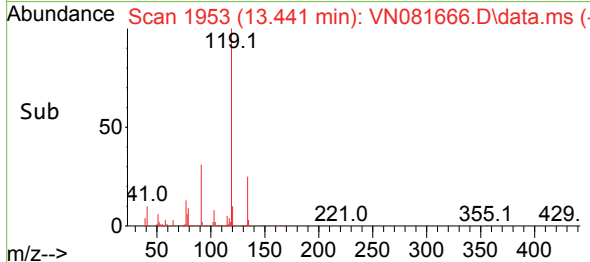
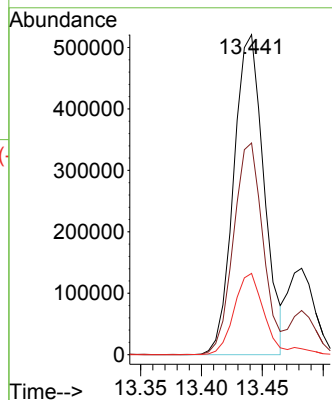
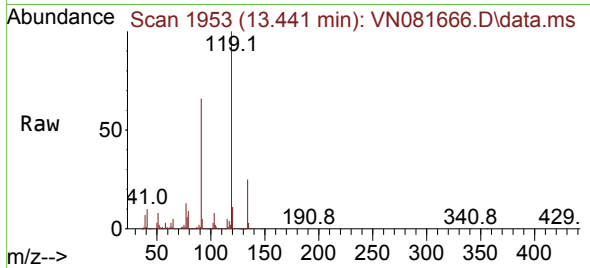




#83
tert-Butylbenzene
Concen: 49.440 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

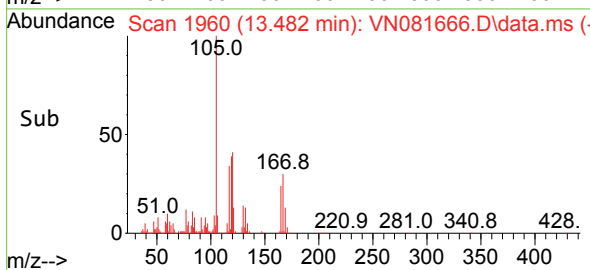
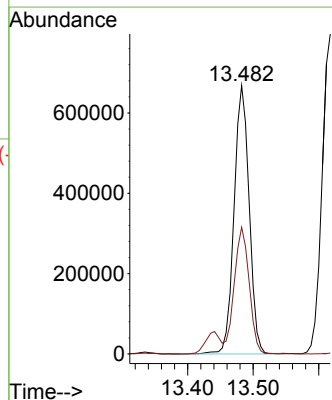
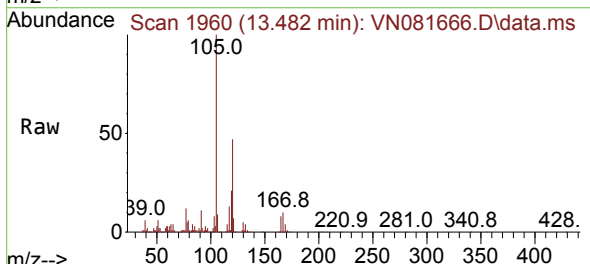
Instrument : MSVOA_N
ClientSampleId : VSTDCCC050

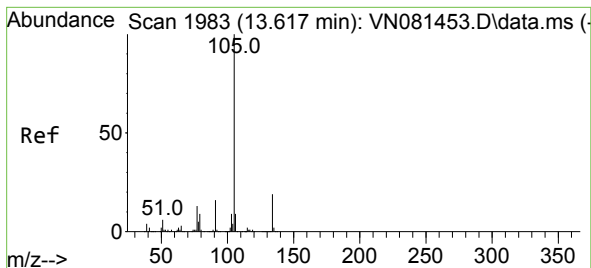
Tgt Ion:119 Resp: 901563
Ion Ratio Lower Upper
119 100
91 64.4 36.8 110.4
134 24.7 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 50.404 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

Tgt Ion:105 Resp: 1071275
Ion Ratio Lower Upper
105 100
120 46.7 20.9 62.7





#85

sec-Butylbenzene

Concen: 49.398 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN081666.D

Acq: 08 Apr 2024 10:22

Instrument :

MSVOA_N

ClientSampleId :

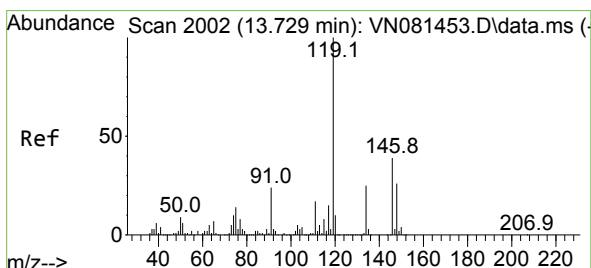
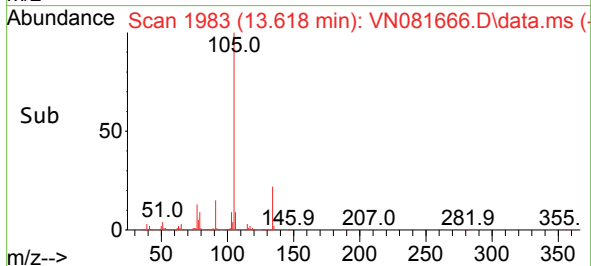
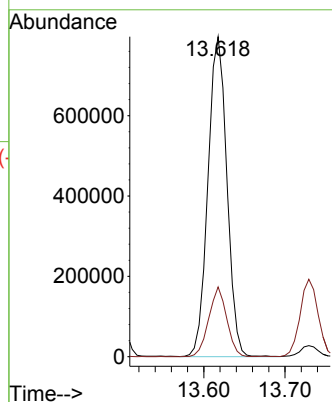
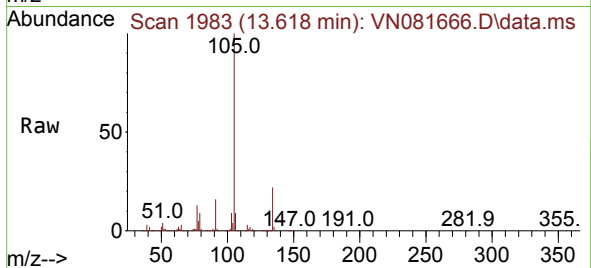
VSTDCCC050

Tgt Ion:105 Resp: 1287727

Ion Ratio Lower Upper

105 100

134 20.7 8.6 25.8



#86

p-Isopropyltoluene

Concen: 51.473 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN081666.D

Acq: 08 Apr 2024 10:22

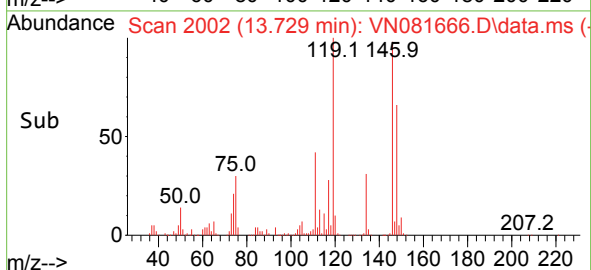
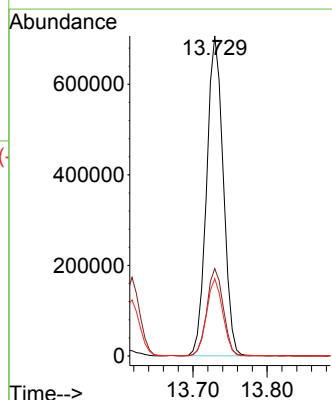
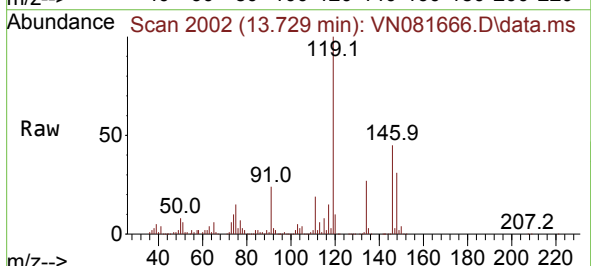
Tgt Ion:119 Resp: 1096854

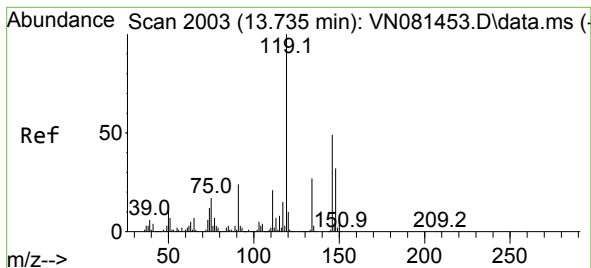
Ion Ratio Lower Upper

119 100

134 27.0 12.4 37.2

91 23.7 13.5 40.4





#87

1,3-Dichlorobenzene

Concen: 49.671 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN081666.D

Acq: 08 Apr 2024 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

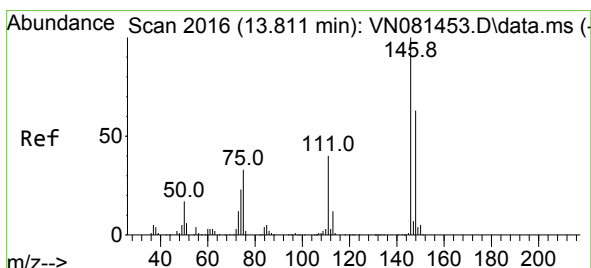
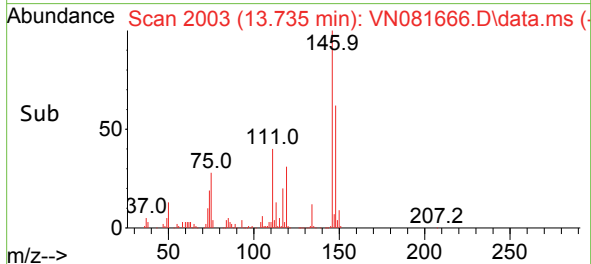
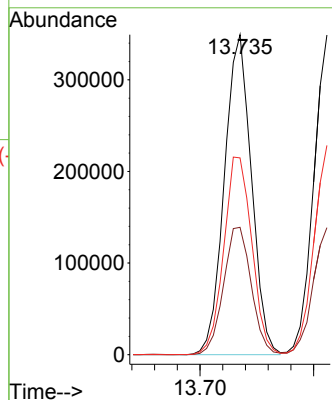
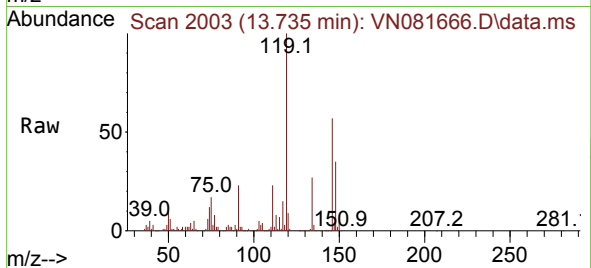
Tgt Ion:146 Resp: 577189

Ion Ratio Lower Upper

146 100

111 41.0 23.9 71.7

148 64.3 32.6 97.7



#88

1,4-Dichlorobenzene

Concen: 47.666 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN081666.D

Acq: 08 Apr 2024 10:22

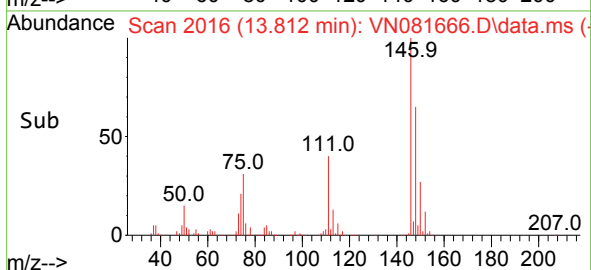
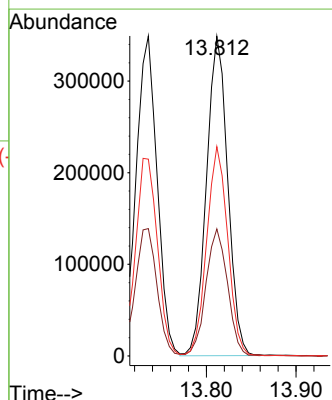
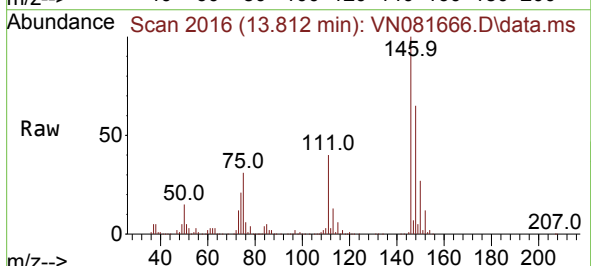
Tgt Ion:146 Resp: 573522

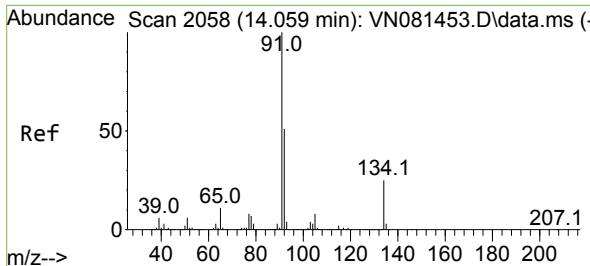
Ion Ratio Lower Upper

146 100

111 40.0 22.6 67.7

148 64.8 31.9 95.5

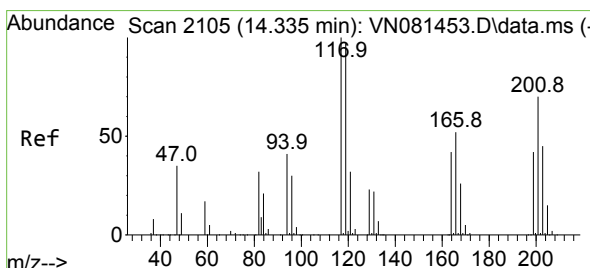
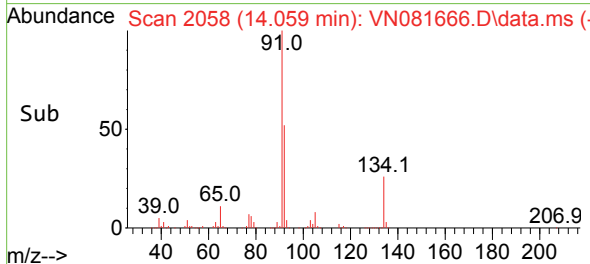
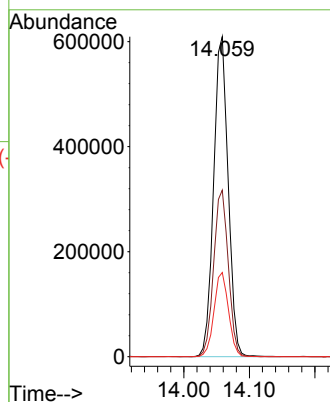
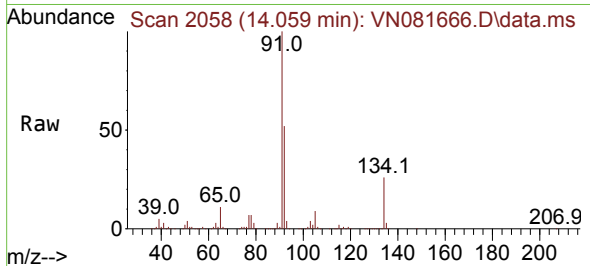




#89
n-Butylbenzene
Concen: 49.525 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

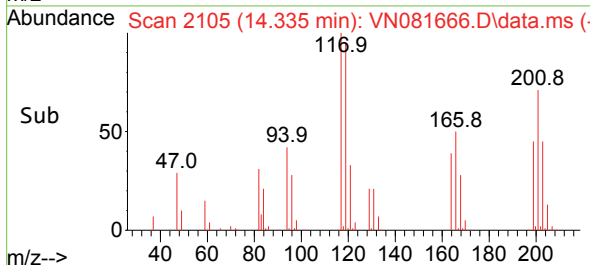
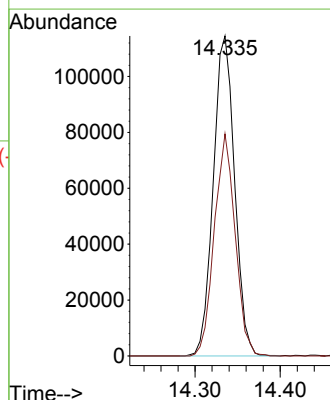
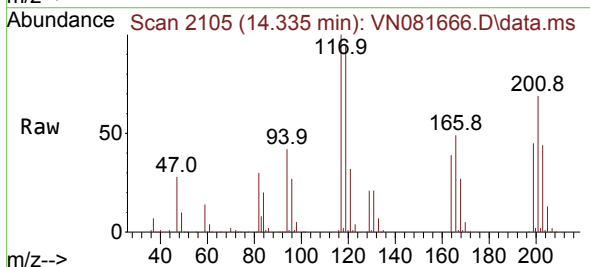
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

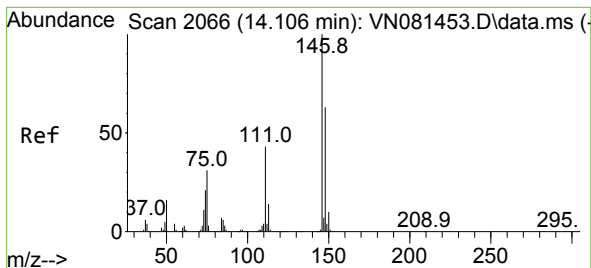
Tgt Ion: 91 Resp: 935819
Ion Ratio Lower Upper
91 100
92 52.6 26.7 80.1
134 26.3 10.8 32.4



#90
Hexachloroethane
Concen: 49.495 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

Tgt Ion: 117 Resp: 199747
Ion Ratio Lower Upper
117 100
201 67.9 30.0 90.0





#91

1,2-Dichlorobenzene

Concen: 49.850 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN081666.D

Acq: 08 Apr 2024 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

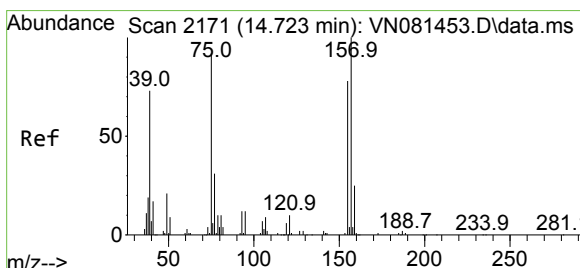
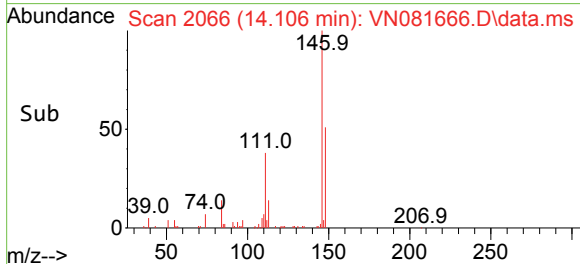
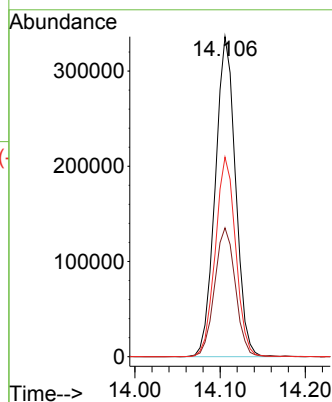
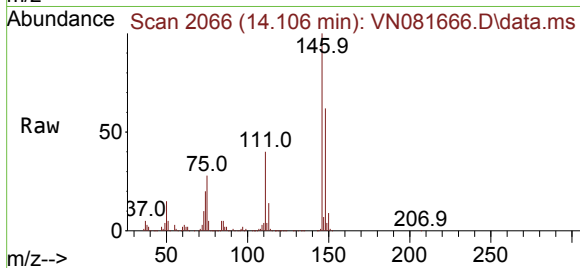
Tgt Ion:146 Resp: 557536

Ion Ratio Lower Upper

146 100

111 41.2 23.9 71.8

148 62.5 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 39.703 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN081666.D

Acq: 08 Apr 2024 10:22

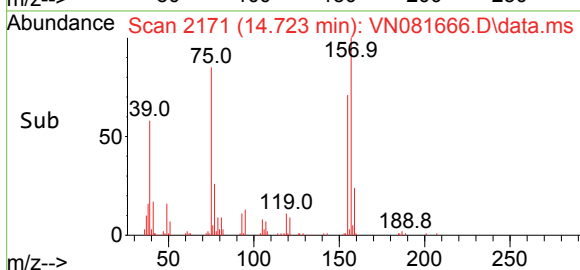
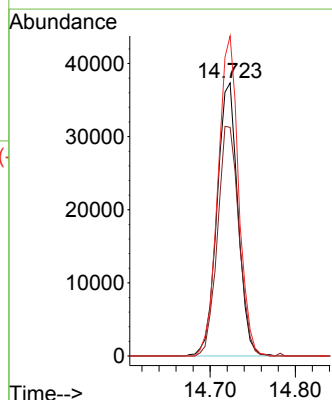
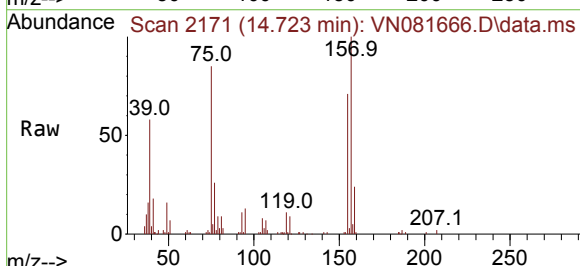
Tgt Ion: 75 Resp: 63604

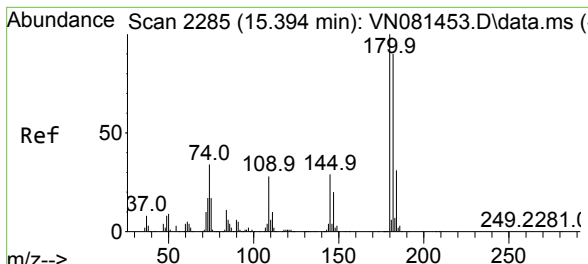
Ion Ratio Lower Upper

75 100

155 86.1 31.8 95.4

157 115.4 41.1 123.4

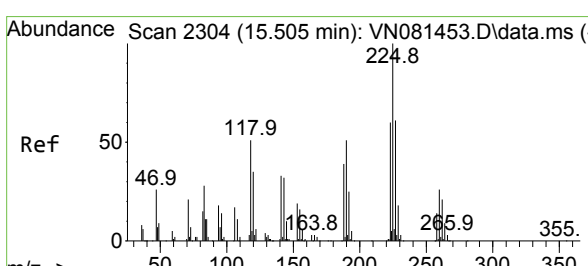
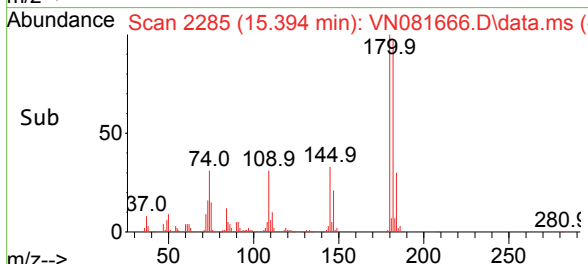
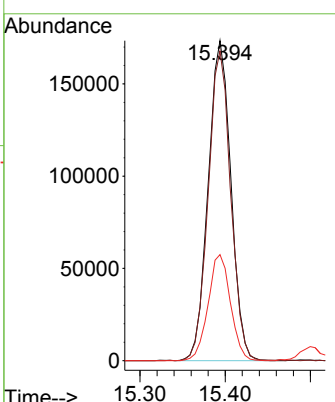
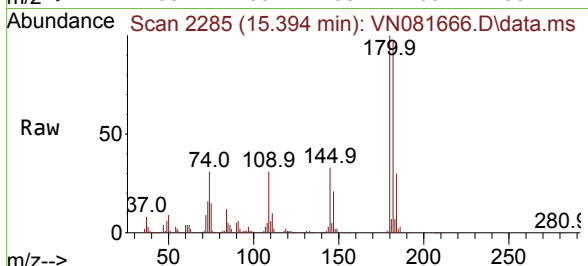




#93
 1,2,4-Trichlorobenzene
 Concen: 49.673 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN081666.D
 Acq: 08 Apr 2024 10:22

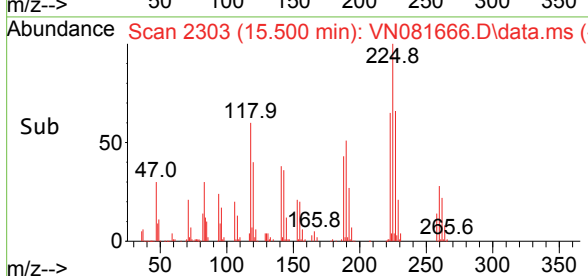
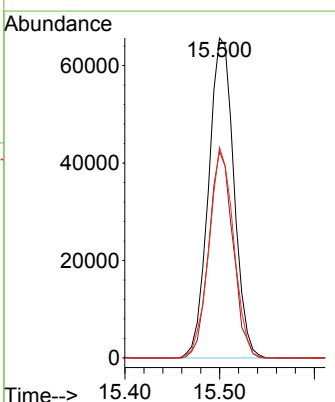
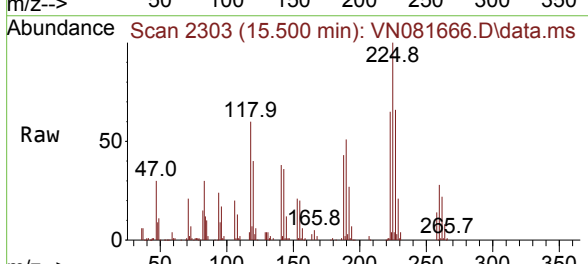
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

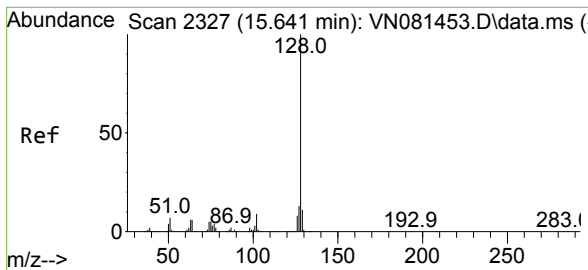
Tgt Ion:	180	Resp:	321229
Ion Ratio	Lower	Upper	
180	100		
182	95.9	46.6	139.7
145	32.7	16.8	50.3



#94
 Hexachlorobutadiene
 Concen: 43.045 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.006 min
 Lab File: VN081666.D
 Acq: 08 Apr 2024 10:22

Tgt Ion:	225	Resp:	122138
Ion Ratio	Lower	Upper	
225	100		
223	61.5	33.3	99.8
227	63.9	33.1	99.2

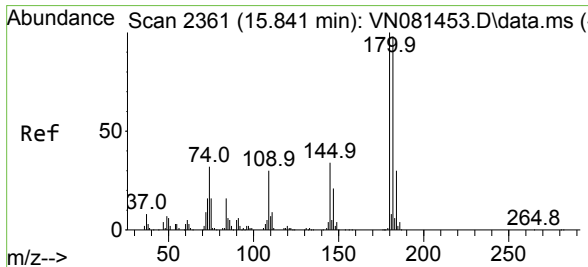
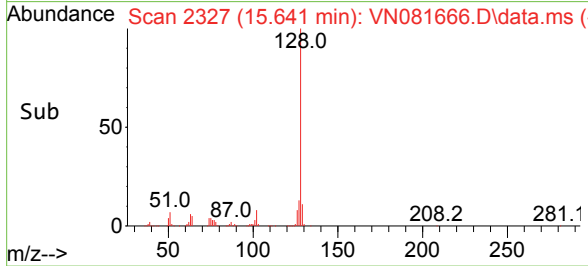
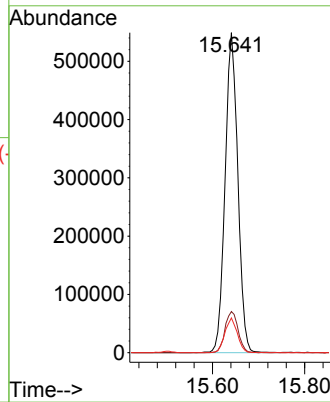
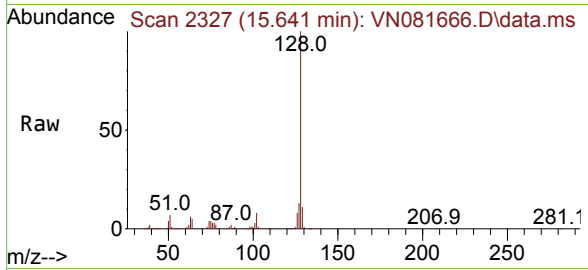




#95
Naphthalene
Concen: 50.048 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 1048755
Ion Ratio Lower Upper
128 100
127 13.3 10.0 15.0
129 10.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.621 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN081666.D
Acq: 08 Apr 2024 10:22

Tgt Ion:180 Resp: 322778
Ion Ratio Lower Upper
180 100
182 95.1 46.5 139.3
145 34.0 17.8 53.4

