

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021624\
 Data File : VN081064.D
 Acq On : 16 Feb 2024 19:42
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Feb 16 23:50:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	367121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	675731	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	614032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	268130	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	213924	47.540	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.080%
35) Dibromofluoromethane	8.165	113	189746	49.658	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.320%
50) Toluene-d8	10.571	98	654949	48.260	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.520%
62) 4-Bromofluorobenzene	12.853	95	253430	49.697	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.400%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	251607	52.995	ug/l	97
3) Chloromethane	2.365	50	251704	48.550	ug/l	99
4) Vinyl Chloride	2.512	62	269016	51.011	ug/l	92
5) Bromomethane	2.953	94	168851	45.079	ug/l	92
6) Chloroethane	3.118	64	170513	50.008	ug/l	95
7) Trichlorofluoromethane	3.495	101	386671	50.189	ug/l	95
8) Diethyl Ether	3.959	74	137767	48.910	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.377	101	210204	48.943	ug/l	91
10) Methyl Iodide	4.589	142	266139	55.514	ug/l	98
11) Tert butyl alcohol	5.518	59	202710	244.953	ug/l	98
12) 1,1-Dichloroethene	4.336	96	205145	49.413	ug/l	88
13) Acrolein	4.183	56	107600	242.590	ug/l	97
14) Allyl chloride	5.024	41	298541	48.464	ug/l #	91
15) Acrylonitrile	5.724	53	538757	249.277	ug/l	97
16) Acetone	4.424	43	396558	223.968	ug/l	96
17) Carbon Disulfide	4.712	76	540866	46.707	ug/l	99
18) Methyl Acetate	5.024	43	238928	55.316	ug/l	94
19) Methyl tert-butyl Ether	5.800	73	713252	50.161	ug/l	97
20) Methylene Chloride	5.271	84	234028	51.113	ug/l	88
21) trans-1,2-Dichloroethene	5.789	96	218460	47.163	ug/l	93
22) Diisopropyl ether	6.677	45	706243	50.541	ug/l #	95
23) Vinyl Acetate	6.606	43	2879872	254.014	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	404523	50.066	ug/l	96
25) 2-Butanone	7.483	43	706793	247.091	ug/l	95
26) 2,2-Dichloropropane	7.488	77	351537	46.434	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	263549	48.972	ug/l	86
28) Bromochloromethane	7.818	49	173431	51.776	ug/l #	64
29) Tetrahydrofuran	7.841	42	473628	248.039	ug/l #	86
30) Chloroform	7.965	83	433940	50.520	ug/l	98
31) Cyclohexane	8.259	56	351699	45.265	ug/l #	77
32) 1,1,1-Trichloroethane	8.171	97	391833	50.089	ug/l	90
36) 1,1-Dichloropropene	8.371	75	318612	48.671	ug/l	95
37) Ethyl Acetate	7.565	43	292713	49.545	ug/l	96
38) Carbon Tetrachloride	8.365	117	338139	51.055	ug/l	95
39) Methylcyclohexane	9.606	83	372996	48.878	ug/l	87
40) Benzene	8.606	78	947712	50.016	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	166881	49.631	ug/l	95
42) 1,2-Dichloroethane	8.671	62	324723	49.121	ug/l	98
43) Isopropyl Acetate	8.688	43	514600	49.802	ug/l #	95
44) Trichloroethene	9.353	130	241775	47.907	ug/l	93
45) 1,2-Dichloropropane	9.624	63	233687	49.303	ug/l	99
46) Dibromomethane	9.712	93	169509	49.084	ug/l	92
47) Bromodichloromethane	9.888	83	334028	51.069	ug/l #	99
48) Methyl methacrylate	9.682	41	236993	49.292	ug/l	89
49) 1,4-Dioxane	9.694	88	95957	1088.071	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	1548780	260.563	ug/l	97
52) Toluene	10.629	92	609444	50.806	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	371920	51.169	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	390605	49.740	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	234817	50.896	ug/l	95
56) Ethyl methacrylate	10.876	69	372206	52.786	ug/l	87
57) 1,3-Dichloropropane	11.165	76	406695	50.981	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	875127	247.355	ug/l #	86
59) 2-Hexanone	11.200	43	1141469	242.227	ug/l	96
60) Dibromochloromethane	11.365	129	254330	51.890	ug/l	99
61) 1,2-Dibromoethane	11.471	107	245352	50.571	ug/l	97
64) Tetrachloroethene	11.106	164	203006	48.441	ug/l	96
65) Chlorobenzene	11.894	112	642040	48.312	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.965	131	236508	49.548	ug/l	97
67) Ethyl Benzene	11.965	91	1168936	49.155	ug/l	97
68) m/p-Xylenes	12.071	106	901925	98.949	ug/l	94
69) o-Xylene	12.400	106	442807	49.008	ug/l	94
70) Styrene	12.412	104	727614	50.820	ug/l	96
71) Bromoform	12.582	173	158939	52.484	ug/l #	96
73) Isopropylbenzene	12.700	105	1146484	48.871	ug/l	97
74) N-amyl acetate	12.500	43	484906	48.907	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	321507	48.738	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	423483	69.513	ug/l	64
77) Bromobenzene	12.982	156	249432	47.685	ug/l	77
78) n-propylbenzene	13.041	91	1322344	48.964	ug/l	94
79) 2-Chlorotoluene	13.129	91	791553	47.785	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	946254	49.748	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	110433	46.658	ug/l	95
82) 4-Chlorotoluene	13.223	91	783204	48.355	ug/l	94
83) tert-Butylbenzene	13.441	119	798148	48.529	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	944994	49.857	ug/l	97
85) sec-Butylbenzene	13.617	105	1138908	49.811	ug/l	94
86) p-Isopropyltoluene	13.729	119	938638	49.424	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	462883	46.834	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	459253	47.289	ug/l	97
89) n-Butylbenzene	14.059	91	803040	48.535	ug/l	97
90) Hexachloroethane	14.335	117	155084	49.402	ug/l	97
91) 1,2-Dichlorobenzene	14.112	146	447179	46.912	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	65065	47.441	ug/l	77
93) 1,2,4-Trichlorobenzene	15.400	180	254996	47.949	ug/l	100
94) Hexachlorobutadiene	15.506	225	89012	44.880	ug/l	96
95) Naphthalene	15.647	128	929275	47.684	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	250915	47.561	ug/l	98

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Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

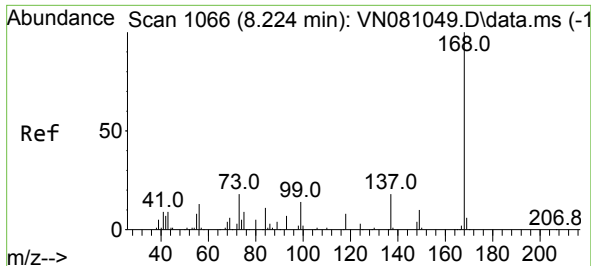
Quant Time: Feb 16 23:50:54 2024
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Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
Response via : Initial Calibration

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

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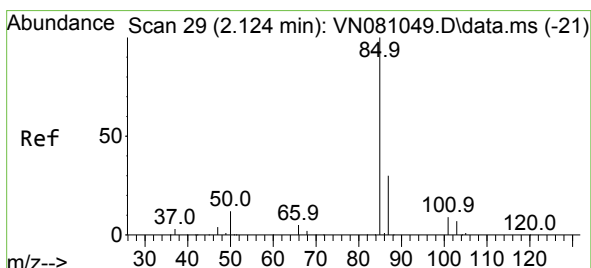
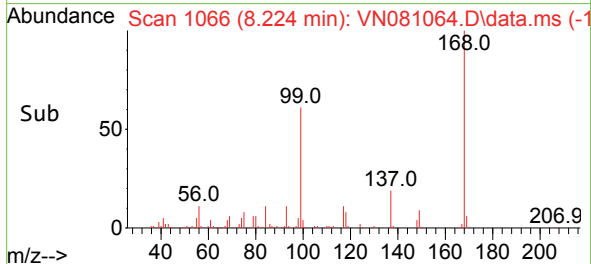
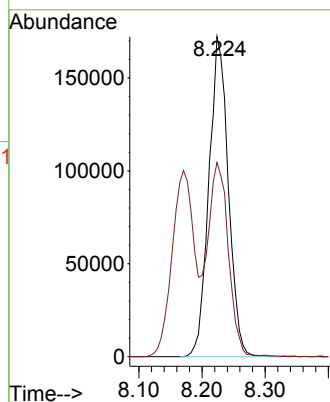
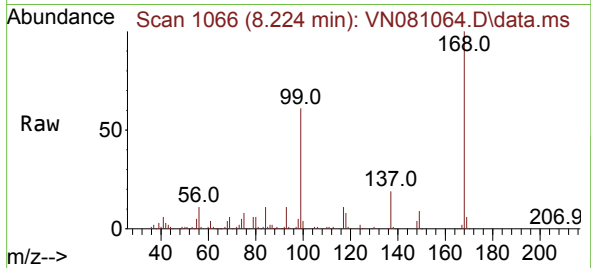




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

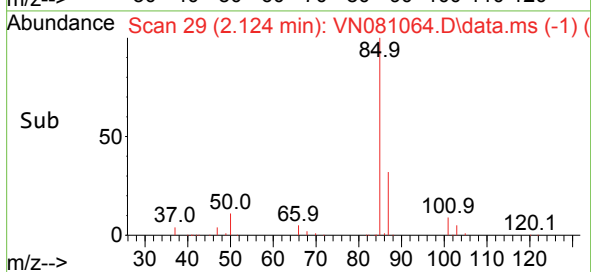
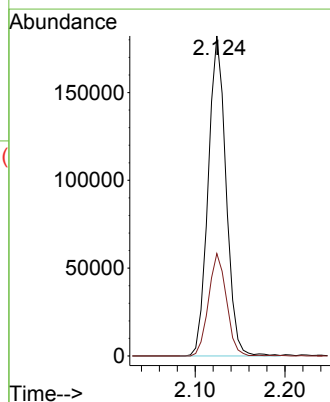
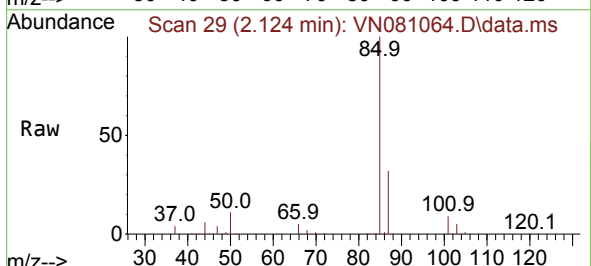
Instrument :
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ClientSampleId :
VSTDCCC050EC

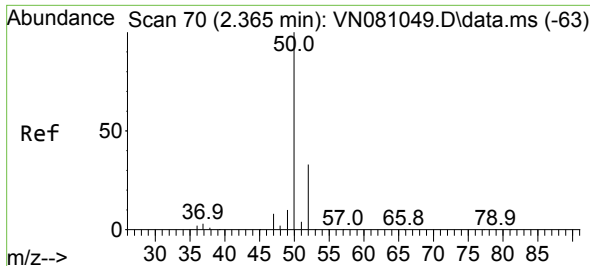
Tgt Ion:168 Resp: 367121
Ion Ratio Lower Upper
168 100
99 60.6 59.9 89.9



#2
Dichlorodifluoromethane
Concen: 52.995 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

Tgt Ion: 85 Resp: 251607
Ion Ratio Lower Upper
85 100
87 32.0 15.3 45.9

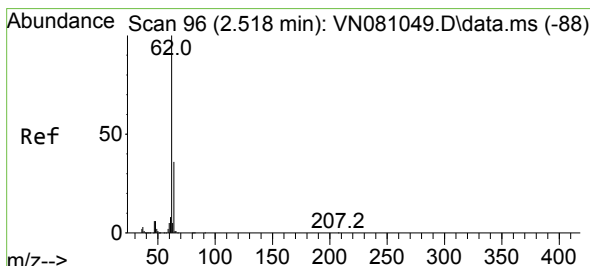
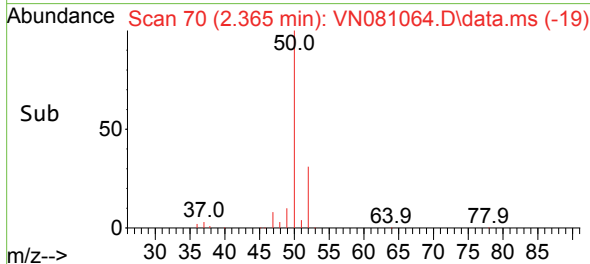
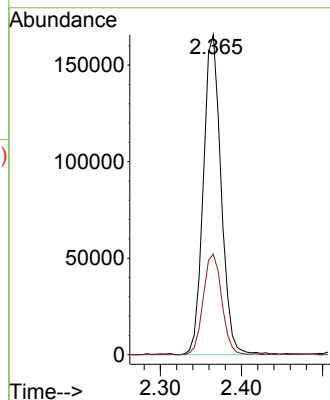
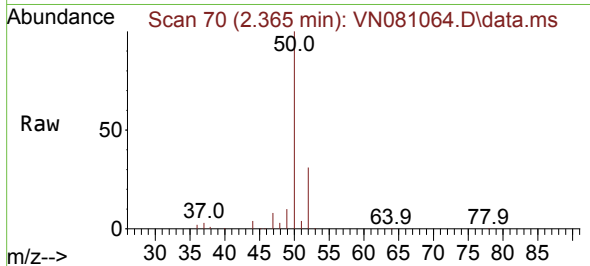




#3
Chloromethane
Concen: 48.550 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

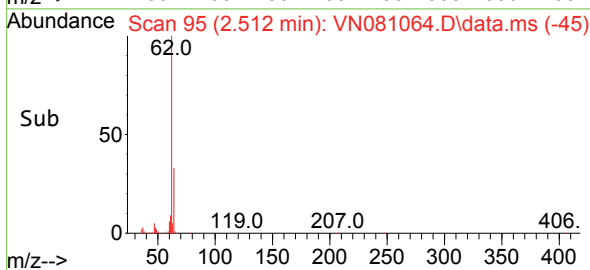
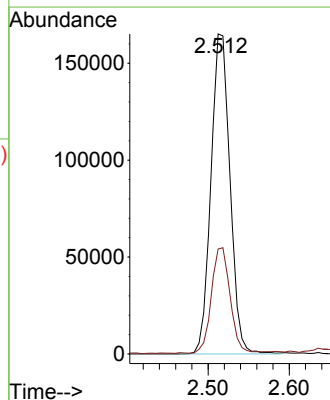
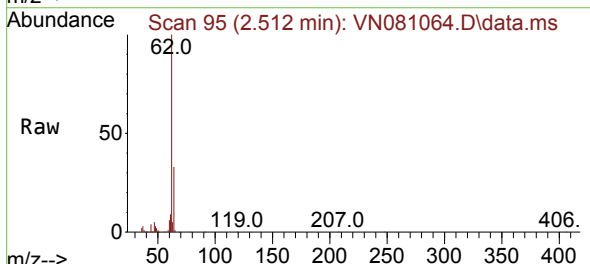
Instrument :
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ClientSampleId :
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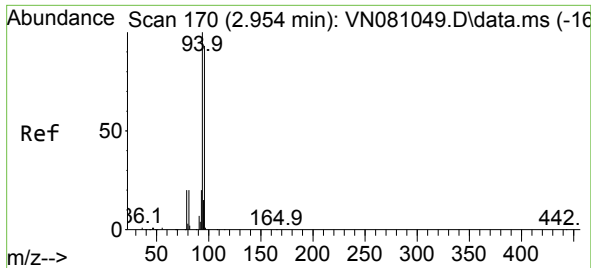
Tgt Ion: 50 Resp: 251704
Ion Ratio Lower Upper
50 100
52 31.5 25.0 37.4



#4
Vinyl Chloride
Concen: 51.011 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

Tgt Ion: 62 Resp: 269016
Ion Ratio Lower Upper
62 100
64 32.4 22.7 34.1

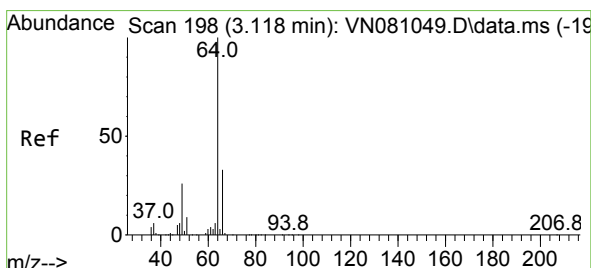
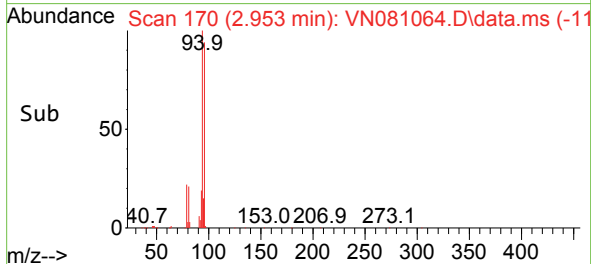
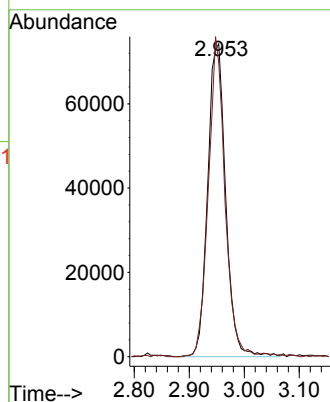
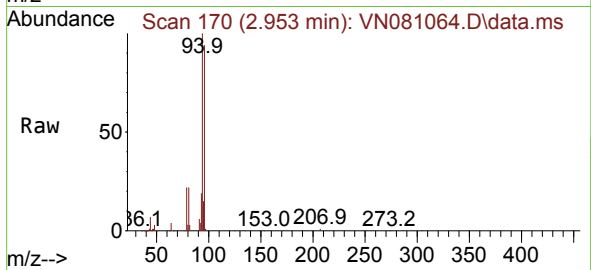




#5
Bromomethane
Concen: 45.079 ug/l
RT: 2.953 min Scan# 170
Delta R.T. -0.000 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

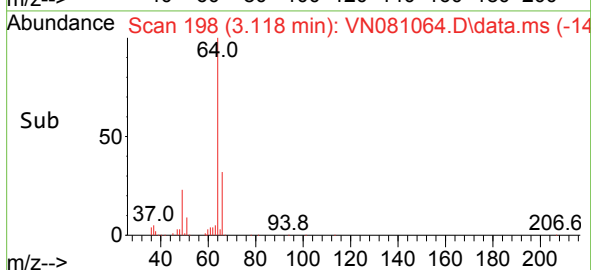
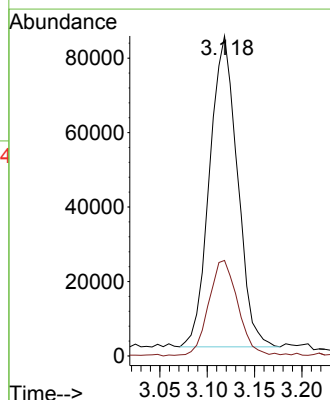
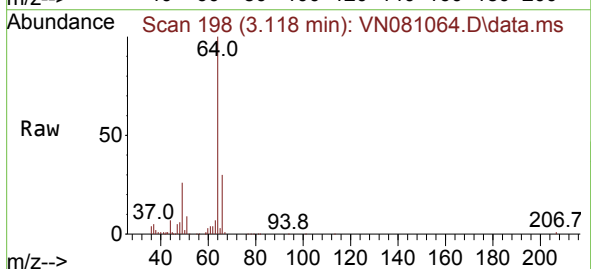
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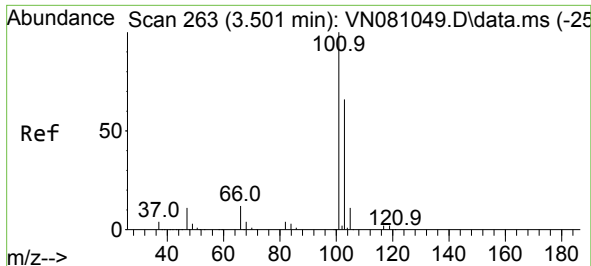
Tgt Ion: 94 Resp: 168851
Ion Ratio Lower Upper
94 100
96 93.9 69.2 103.8



#6
Chloroethane
Concen: 50.008 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

Tgt Ion: 64 Resp: 170513
Ion Ratio Lower Upper
64 100
66 30.3 26.4 39.6

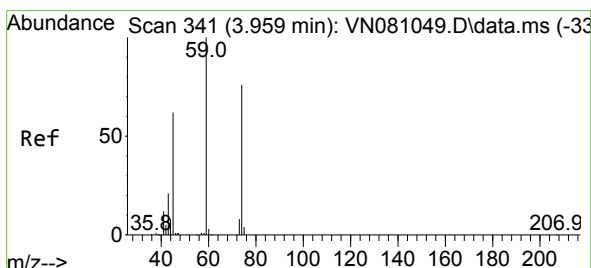
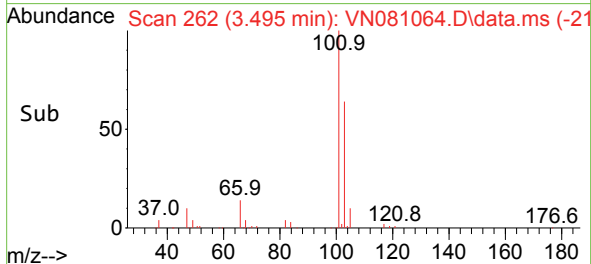
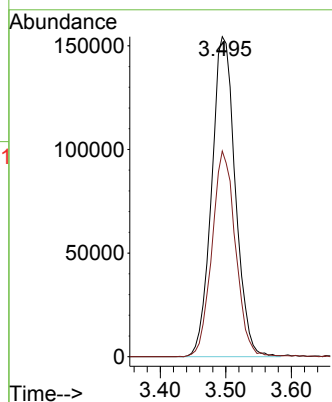
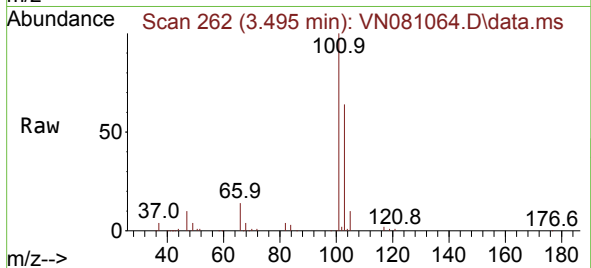




#7
Trichlorofluoromethane
Concen: 50.189 ug/l
RT: 3.495 min Scan# 210
Delta R.T. -0.006 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

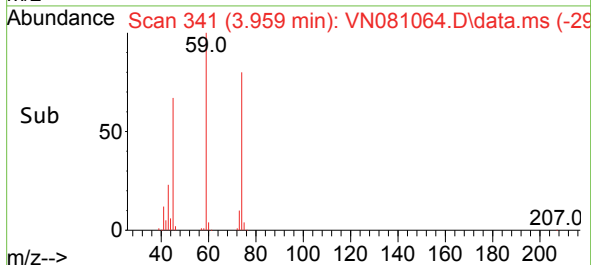
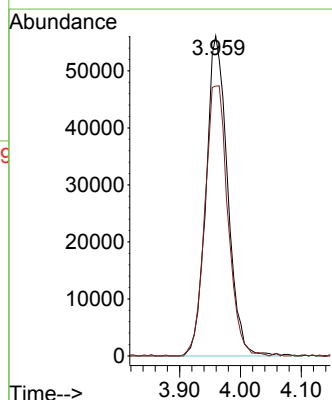
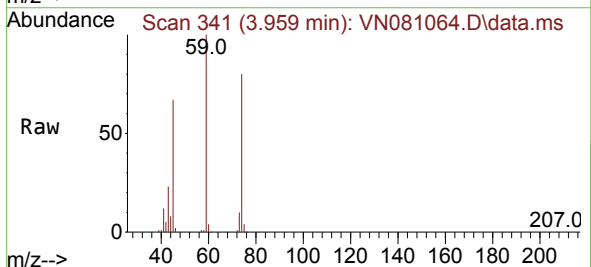
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

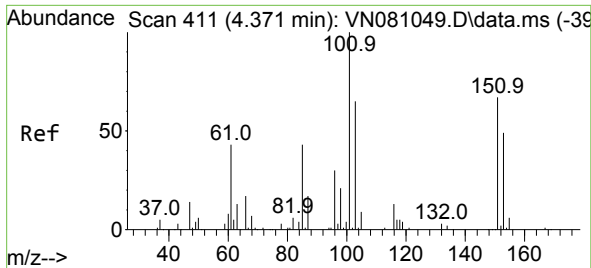
Tgt Ion:101 Resp: 386671
Ion Ratio Lower Upper
101 100
103 64.1 54.4 81.6



#8
Diethyl Ether
Concen: 48.910 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

Tgt Ion: 74 Resp: 137767
Ion Ratio Lower Upper
74 100
45 90.1 53.3 159.9

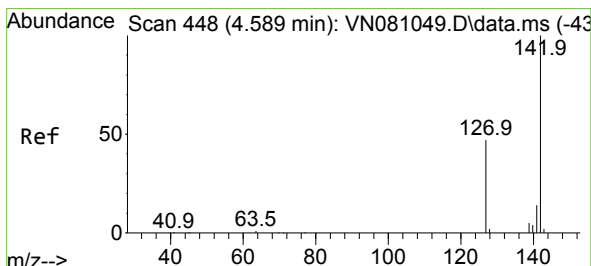
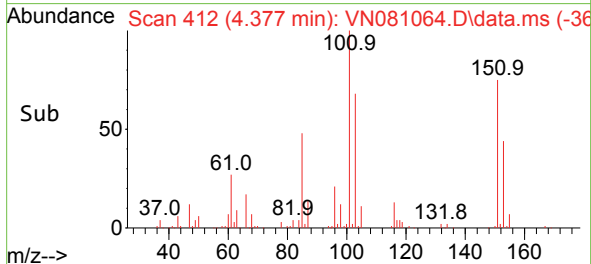
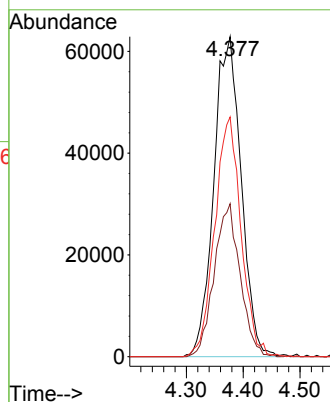
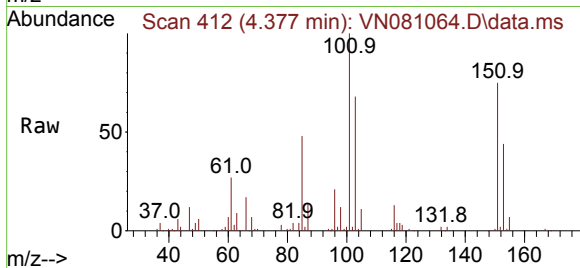




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.943 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

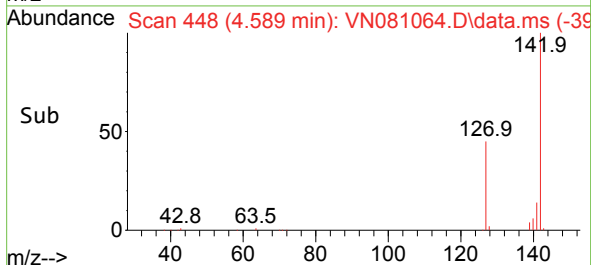
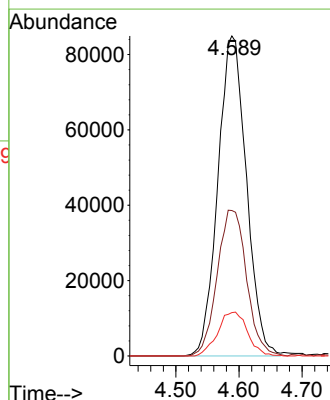
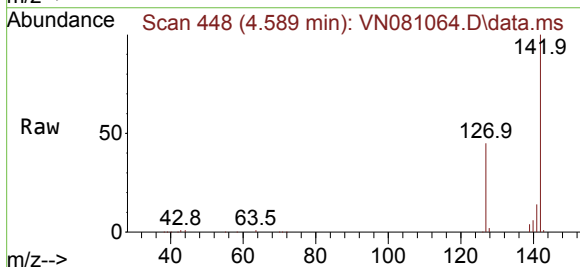
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

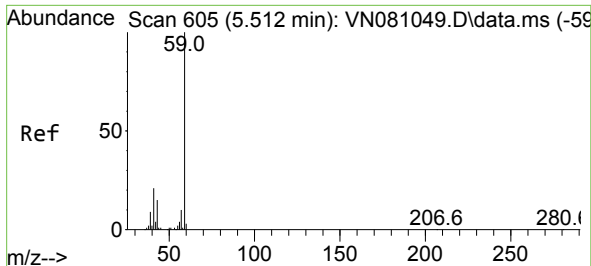
Tgt Ion:101 Resp: 210204
Ion Ratio Lower Upper
101 100
85 45.2 38.1 57.1
151 72.0 49.1 73.7



#10
Methyl Iodide
Concen: 55.514 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

Tgt Ion:142 Resp: 266139
Ion Ratio Lower Upper
142 100
127 45.4 37.0 55.4
141 13.6 12.5 18.7

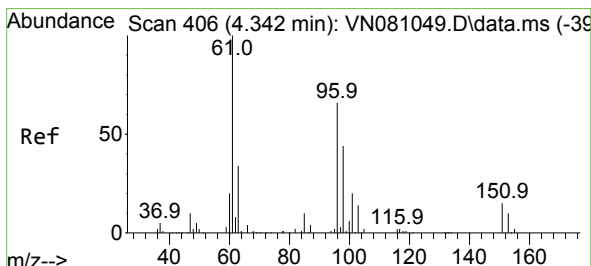
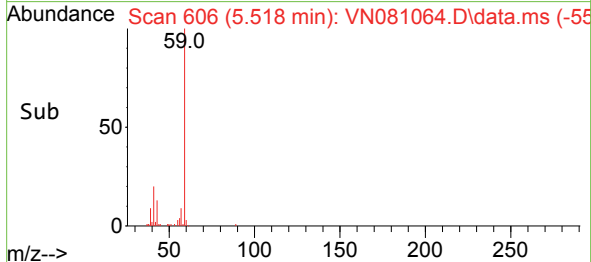
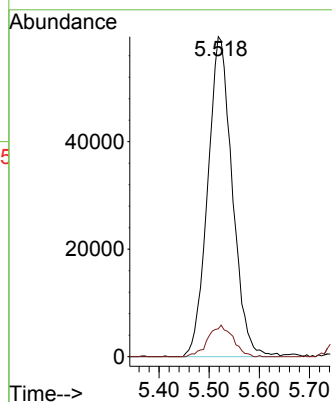
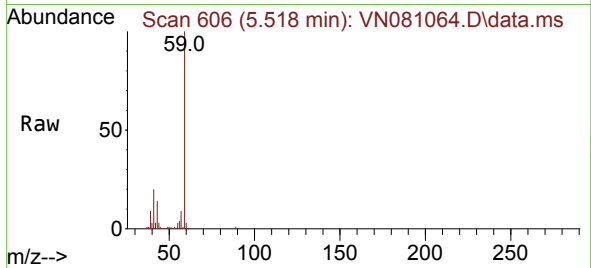




#11
Tert butyl alcohol
Concen: 244.953 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

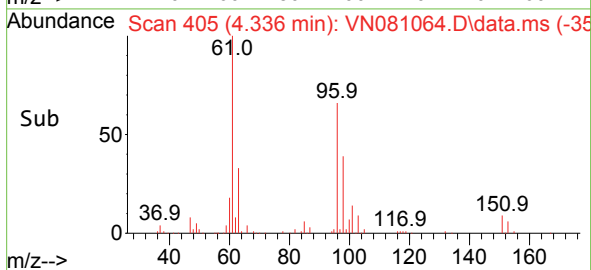
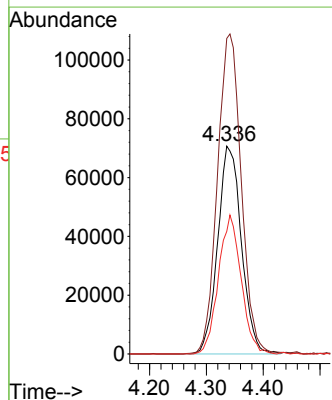
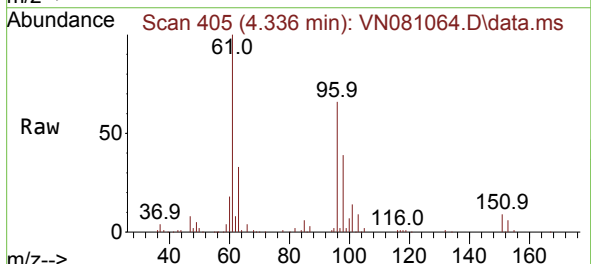
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

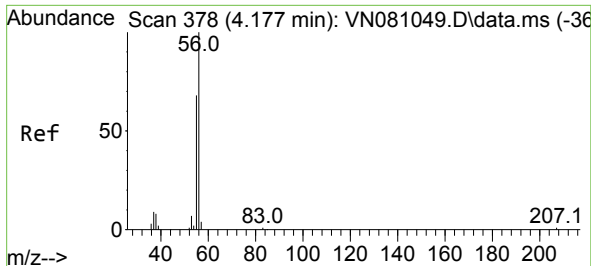
Tgt Ion: 59 Resp: 202710
Ion Ratio Lower Upper
59 100
57 10.0 8.6 12.8



#12
1,1-Dichloroethene
Concen: 49.413 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

Tgt Ion: 96 Resp: 205145
Ion Ratio Lower Upper
96 100
61 151.9 138.2 207.4
98 59.0 49.2 73.8

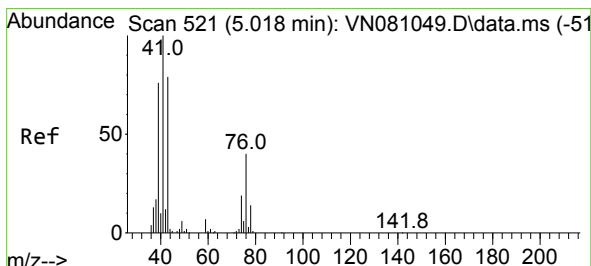
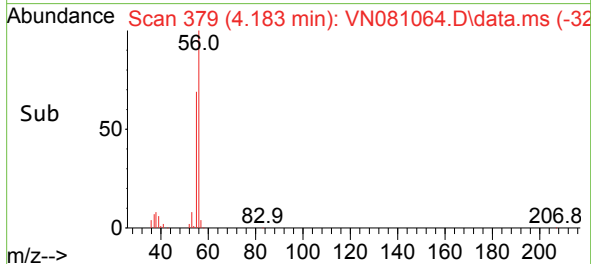
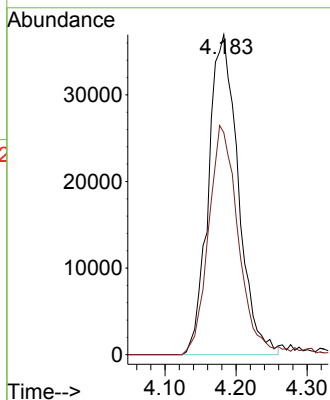
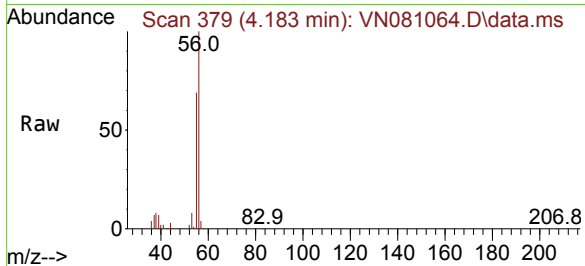




#13
Acrolein
Concen: 242.590 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

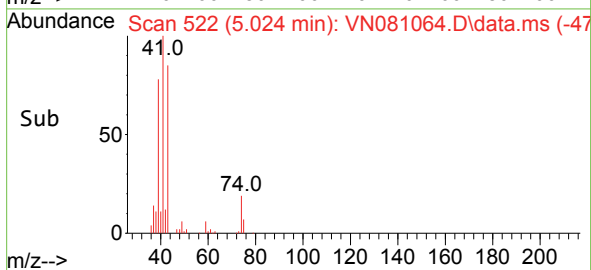
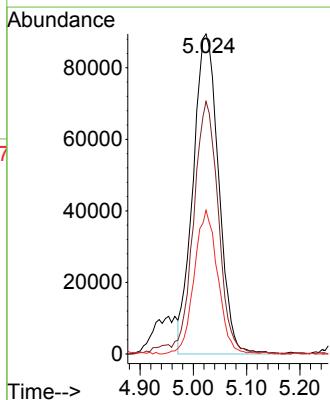
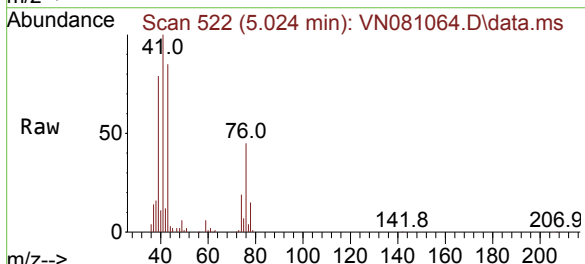
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

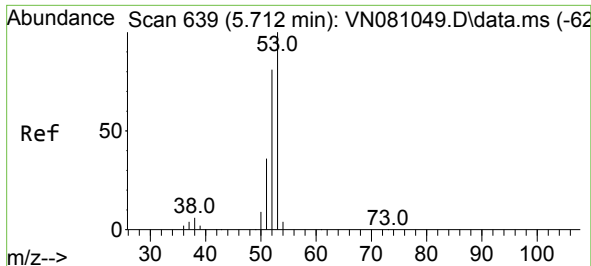
Tgt Ion: 56 Resp: 107600
Ion Ratio Lower Upper
56 100
55 71.6 55.3 82.9



#14
Allyl chloride
Concen: 48.464 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

Tgt Ion: 41 Resp: 298541
Ion Ratio Lower Upper
41 100
39 78.0 57.7 86.5
76 41.4 26.8 40.2#

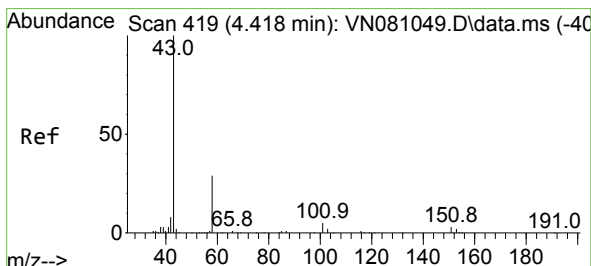
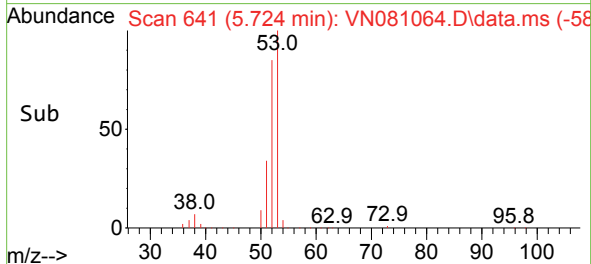
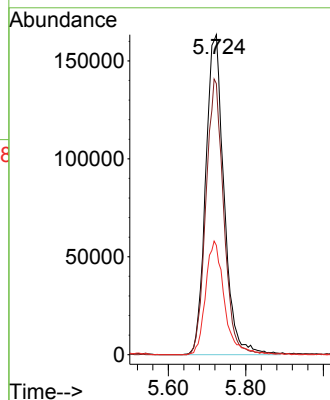
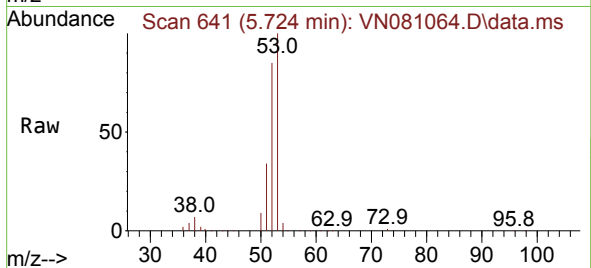




#15
Acrylonitrile
Concen: 249.277 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.012 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

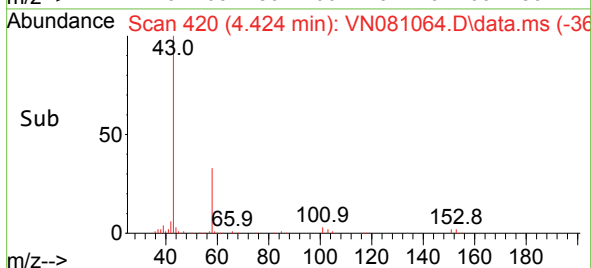
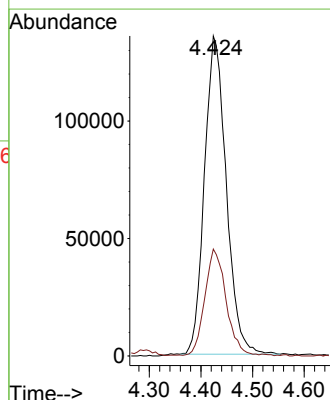
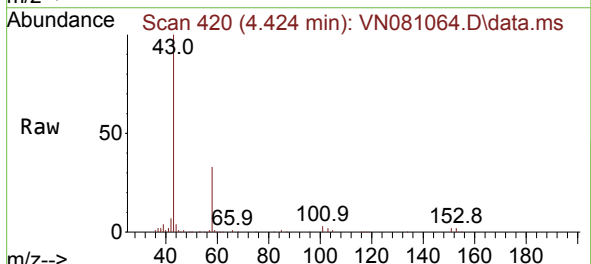
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

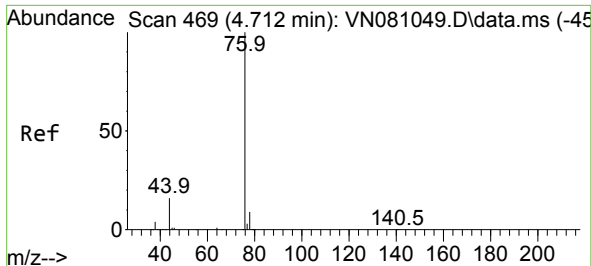
Tgt Ion: 53 Resp: 538757
Ion Ratio Lower Upper
53 100
52 83.4 64.8 97.2
51 36.3 26.9 40.3



#16
Acetone
Concen: 223.968 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

Tgt Ion: 43 Resp: 396558
Ion Ratio Lower Upper
43 100
58 33.4 24.8 37.2

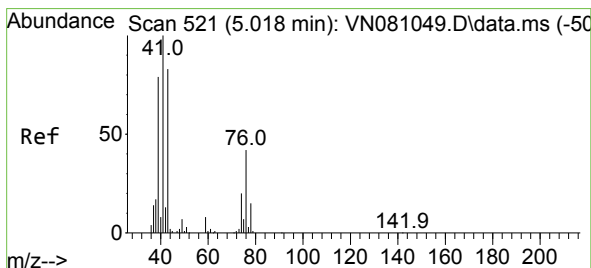
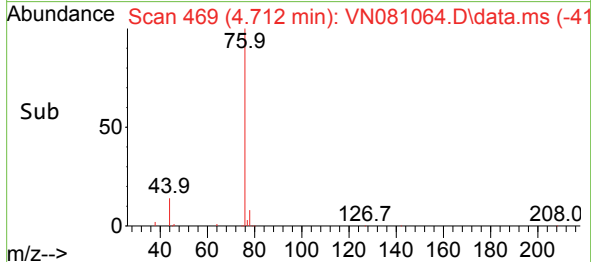
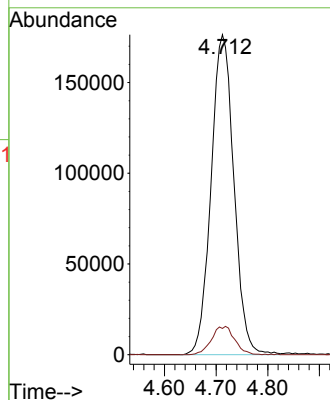
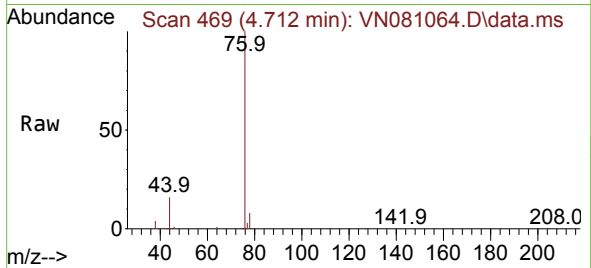




#17
Carbon Disulfide
Concen: 46.707 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

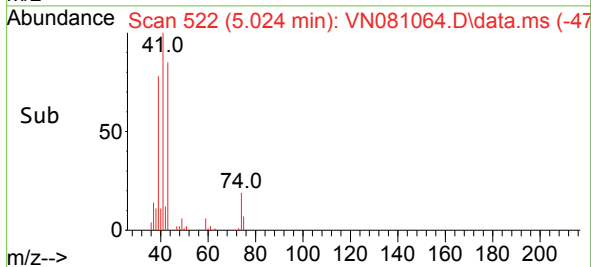
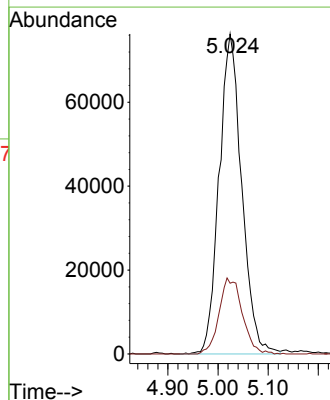
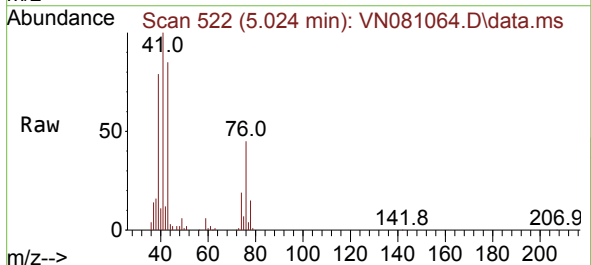
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

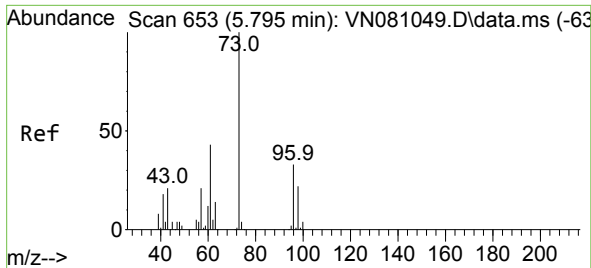
Tgt Ion: 76 Resp: 540866
Ion Ratio Lower Upper
76 100
78 8.2 6.3 9.5



#18
Methyl Acetate
Concen: 55.316 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

Tgt Ion: 43 Resp: 238928
Ion Ratio Lower Upper
43 100
74 24.4 17.3 25.9

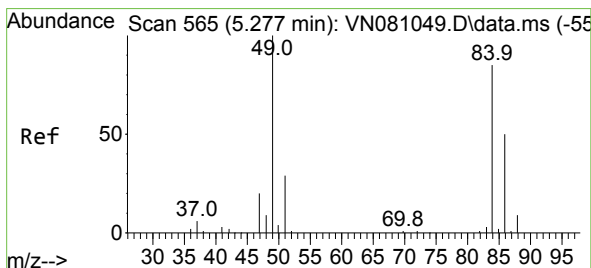
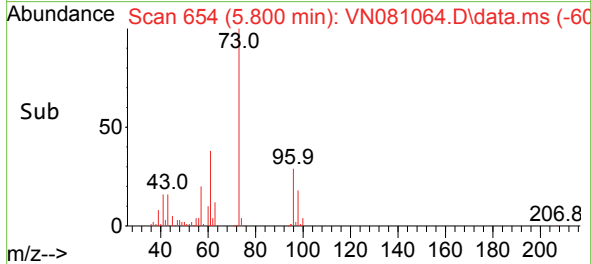
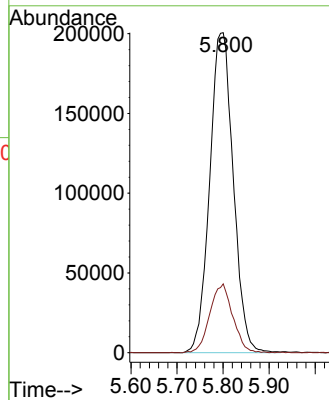
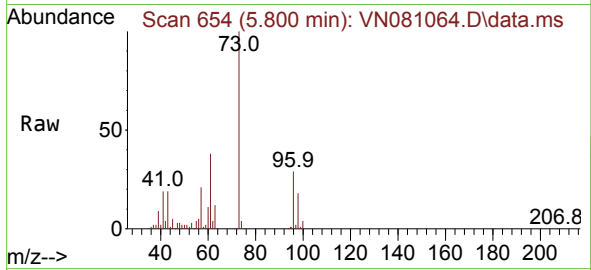




#19
Methyl tert-butyl Ether
Concen: 50.161 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

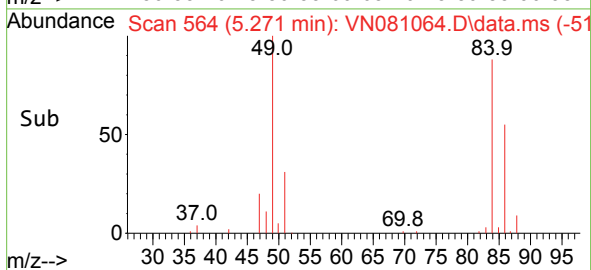
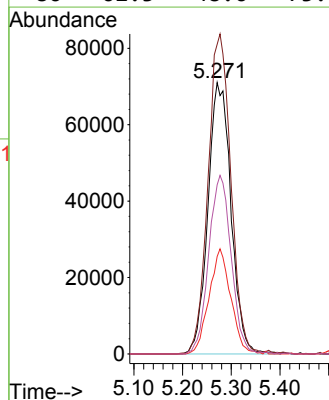
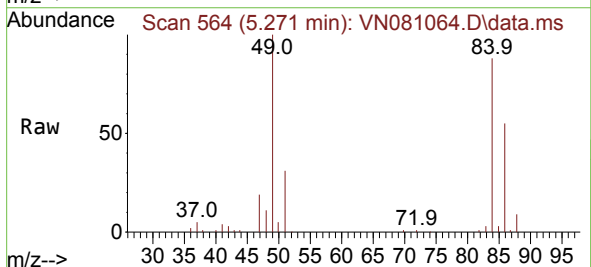
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

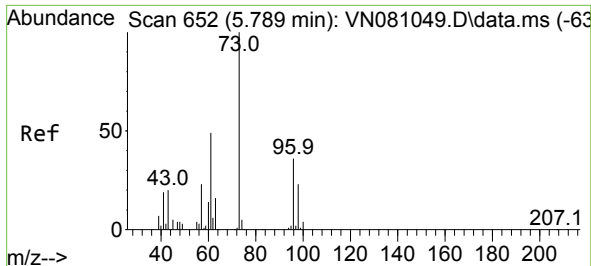
Tgt Ion: 73 Resp: 713252
Ion Ratio Lower Upper
73 100
57 21.5 18.2 27.4



#20
Methylene Chloride
Concen: 51.113 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

Tgt Ion: 84 Resp: 234028
Ion Ratio Lower Upper
84 100
49 113.9 108.1 162.1
51 35.9 32.9 49.3
86 62.3 48.6 73.0

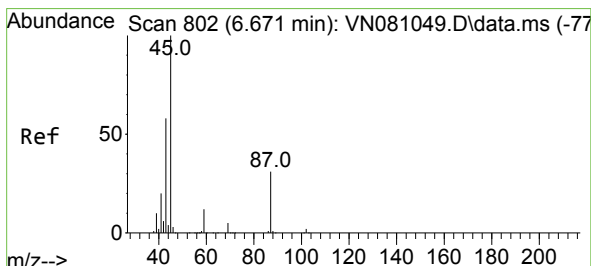
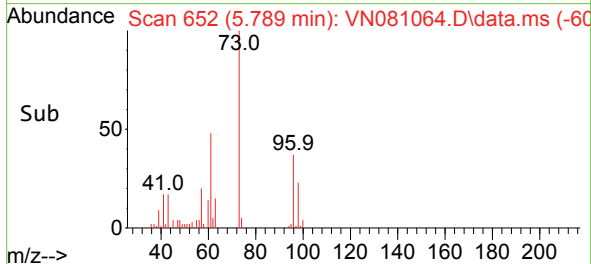
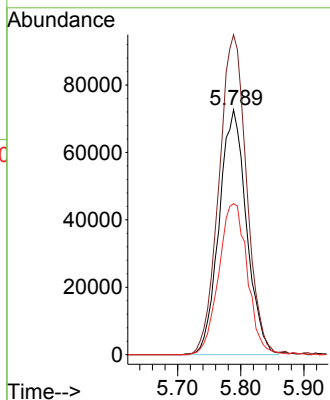
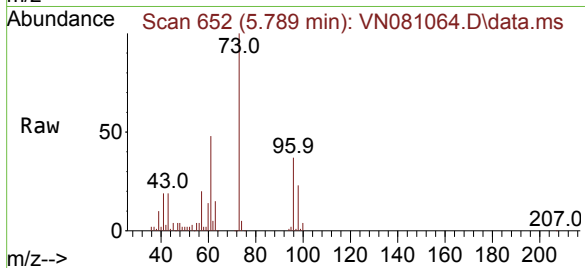




#21
trans-1,2-Dichloroethene
Concen: 47.163 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

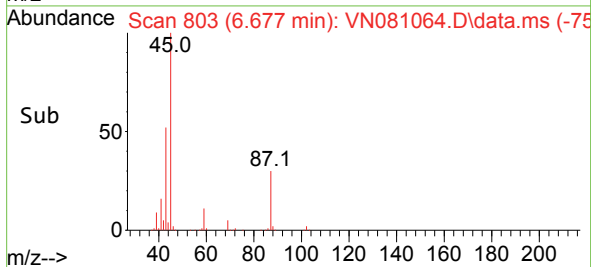
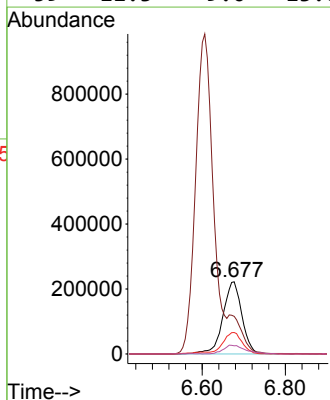
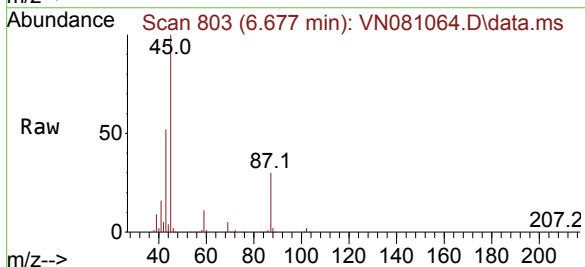
Instrument :
MSVOA_N
ClientSampleId :
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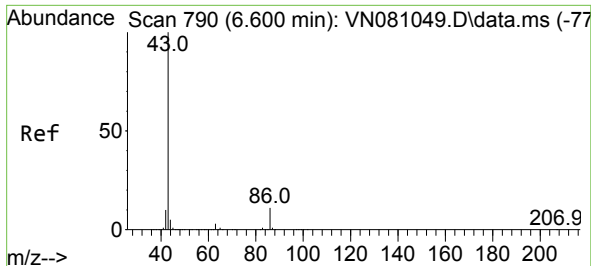
Tgt Ion: 96 Resp: 218460
Ion Ratio Lower Upper
96 100
61 130.6 112.8 169.2
98 61.6 51.0 76.4



#22
Diisopropyl ether
Concen: 50.541 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

Tgt Ion: 45 Resp: 706243
Ion Ratio Lower Upper
45 100
43 51.3 41.8 62.8
87 29.8 18.1 27.1#
59 11.3 9.0 13.6

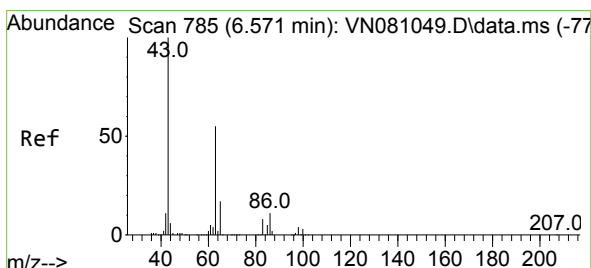
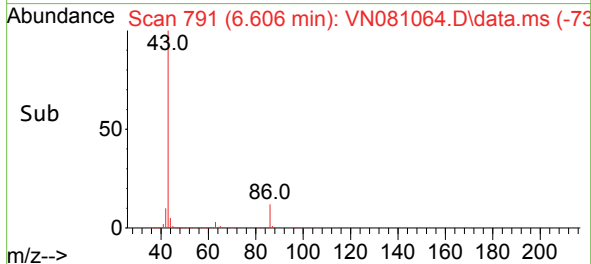
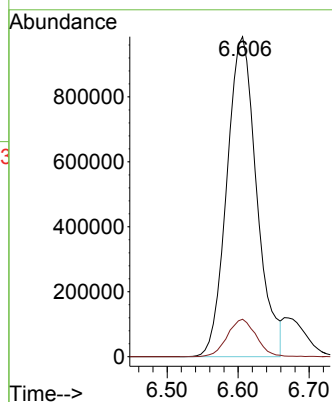
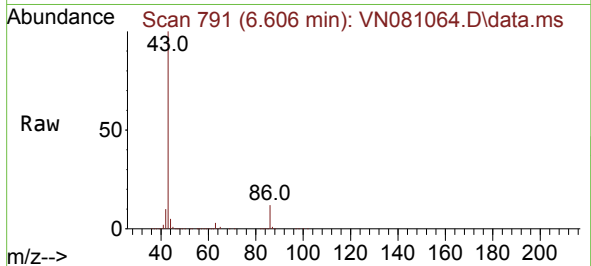




#23
 Vinyl Acetate
 Concen: 254.014 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN081064.D
 Acq: 16 Feb 2024 19:42

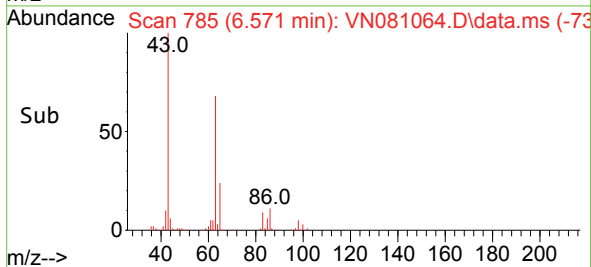
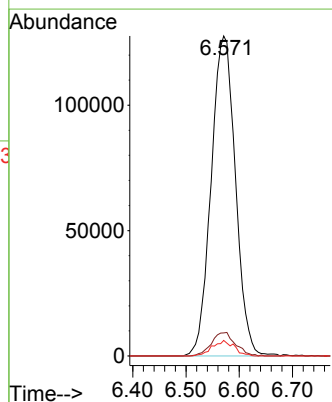
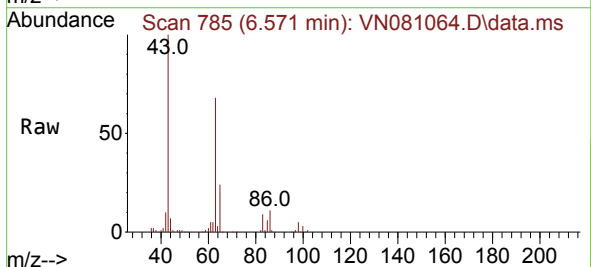
Instrument :
 MSVOA_N
 ClientSampleId :
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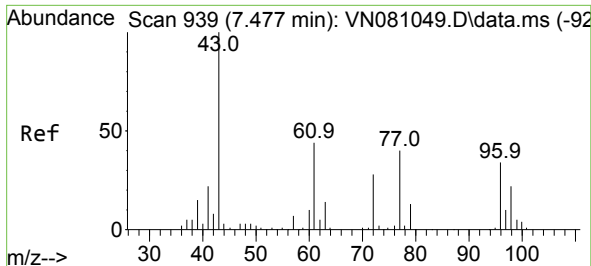
Tgt Ion: 43 Resp: 2879872
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 50.066 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN081064.D
 Acq: 16 Feb 2024 19:42

Tgt Ion: 63 Resp: 404523
 Ion Ratio Lower Upper
 63 100
 98 7.2 2.9 8.6
 100 4.9 1.9 5.7

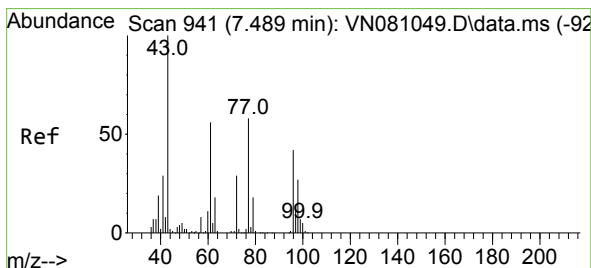
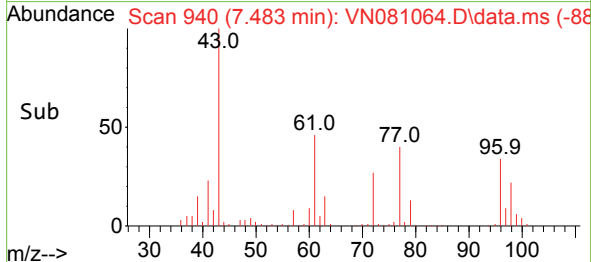
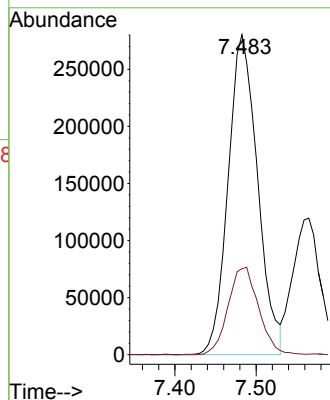
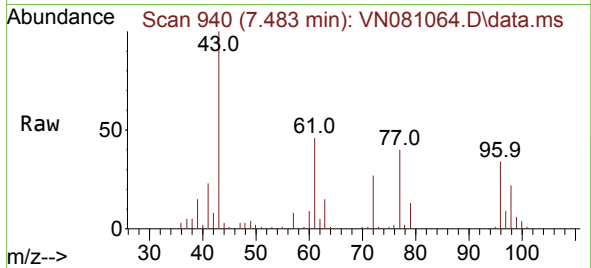




#25
2-Butanone
Concen: 247.091 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

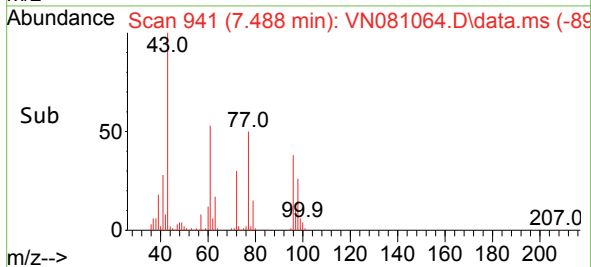
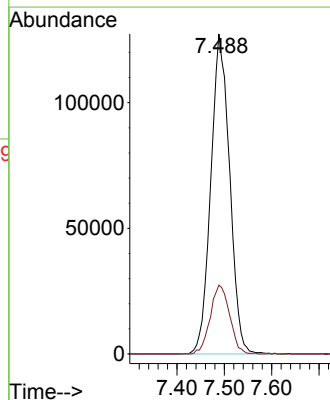
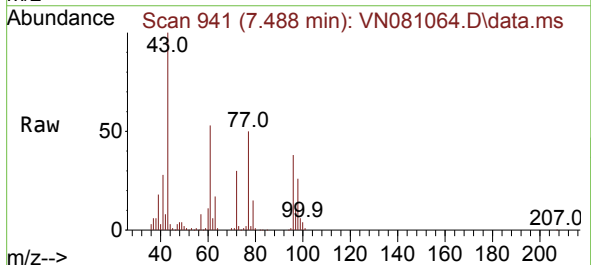
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

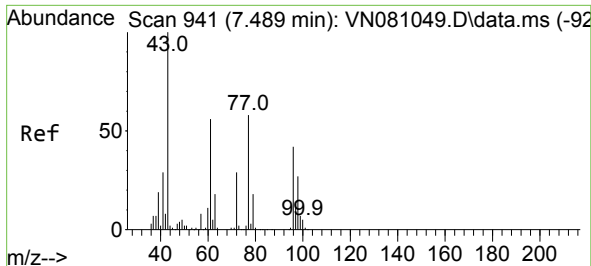
Tgt Ion: 43 Resp: 706793
Ion Ratio Lower Upper
43 100
72 26.9 19.5 29.3



#26
2,2-Dichloropropane
Concen: 46.434 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

Tgt Ion: 77 Resp: 351537
Ion Ratio Lower Upper
77 100
97 22.2 11.5 34.5

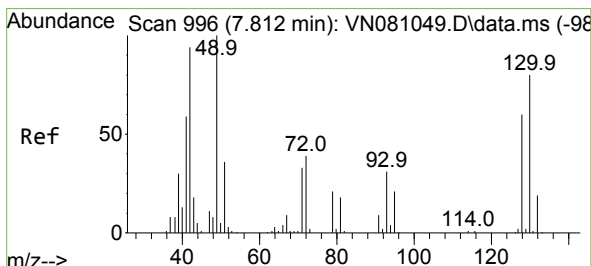
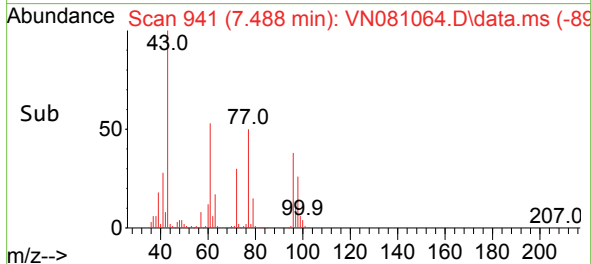
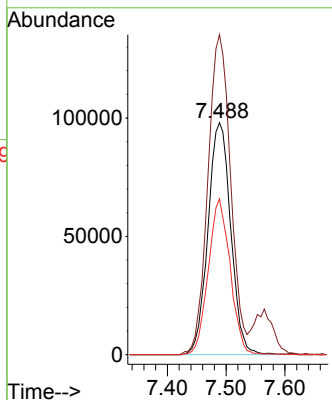
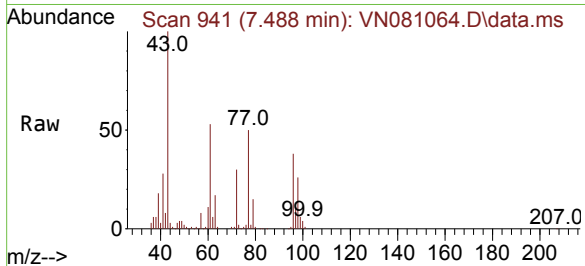




#27
 cis-1,2-Dichloroethene
 Concen: 48.972 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN081064.D
 Acq: 16 Feb 2024 19:42

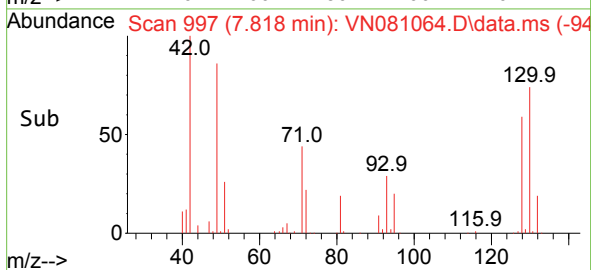
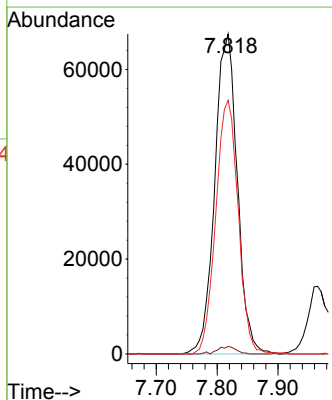
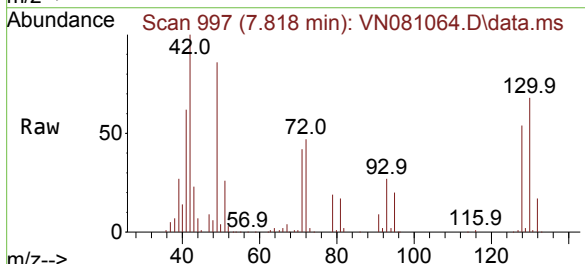
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

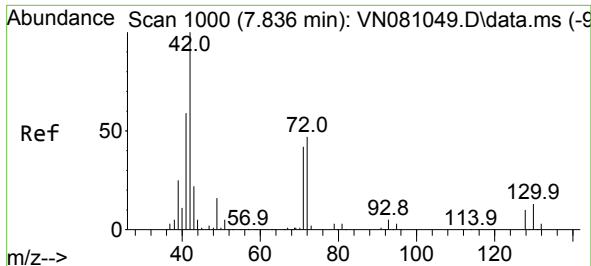
Tgt Ion: 96 Resp: 263549
 Ion Ratio Lower Upper
 96 100
 61 137.7 0.0 325.4
 98 64.7 0.0 130.4



#28
 Bromochloromethane
 Concen: 51.776 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN081064.D
 Acq: 16 Feb 2024 19:42

Tgt Ion: 49 Resp: 173431
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 1.6#
 130 78.9 42.3 63.5#





#29

Tetrahydrofuran

Concen: 248.039 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN081064.D

Acq: 16 Feb 2024 19:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

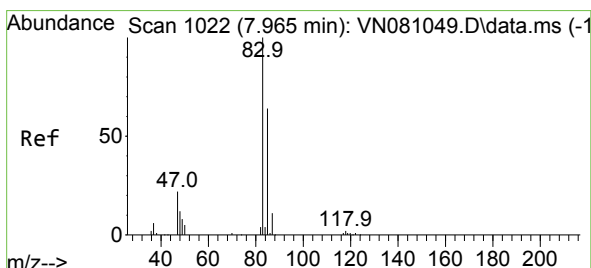
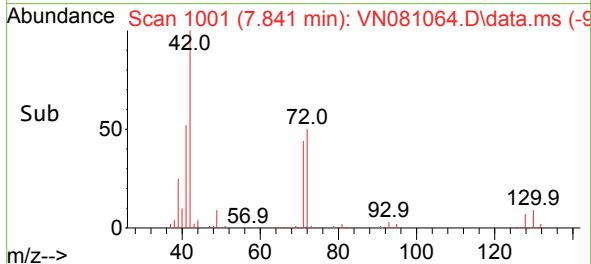
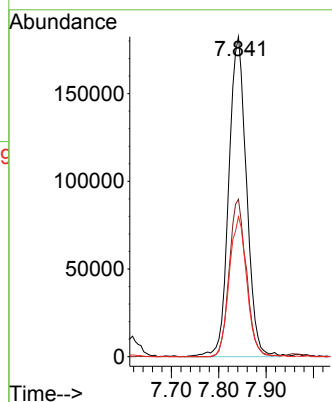
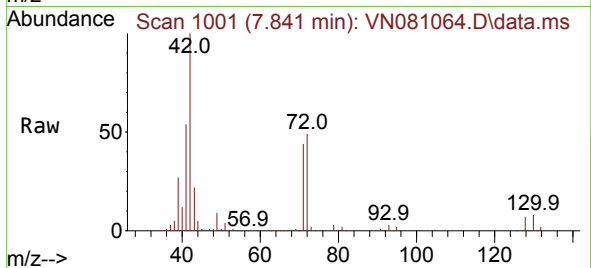
Tgt Ion: 42 Resp: 473628

Ion Ratio Lower Upper

42 100

72 47.6 31.1 46.7#

71 43.6 28.3 42.5#



#30

Chloroform

Concen: 50.520 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN081064.D

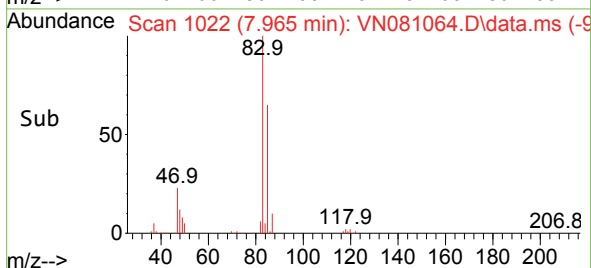
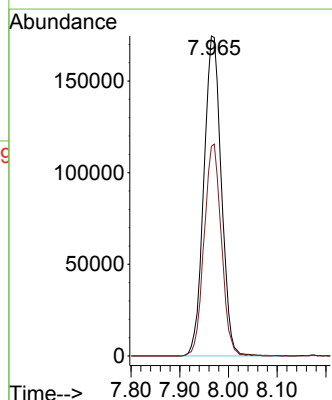
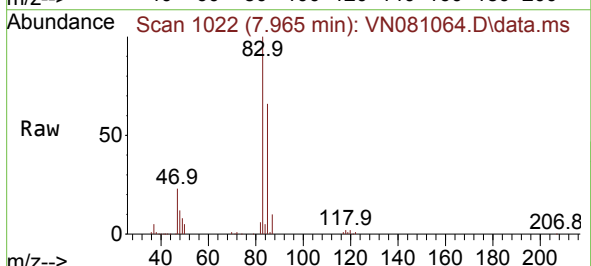
Acq: 16 Feb 2024 19:42

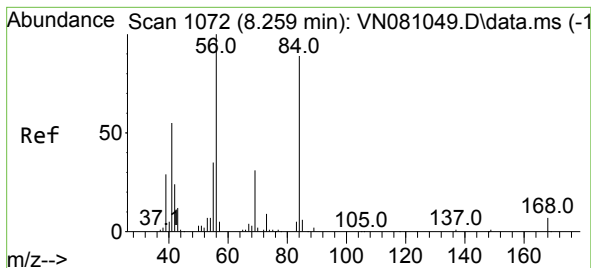
Tgt Ion: 83 Resp: 433940

Ion Ratio Lower Upper

83 100

85 65.5 51.0 76.6





#31

Cyclohexane

Concen: 45.265 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.000 min

Lab File: VN081064.D

Acq: 16 Feb 2024 19:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

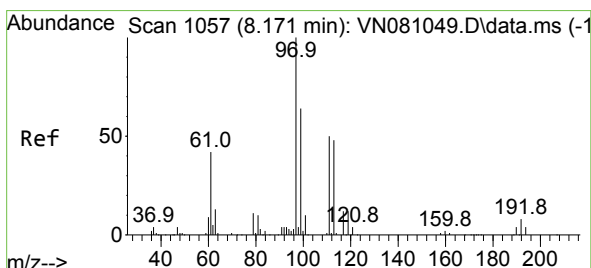
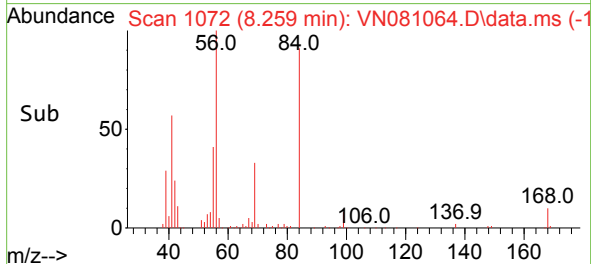
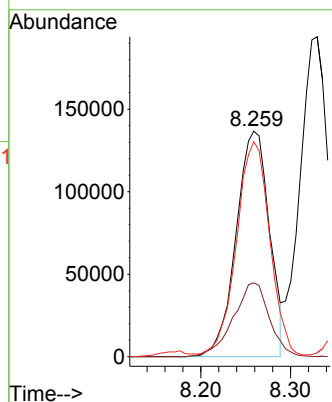
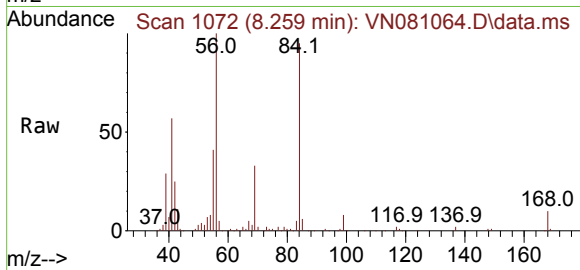
Tgt Ion: 56 Resp: 351699

Ion Ratio Lower Upper

56 100

69 32.8 20.1 30.1#

84 92.8 56.9 85.3#



#32

1,1,1-Trichloroethane

Concen: 50.089 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN081064.D

Acq: 16 Feb 2024 19:42

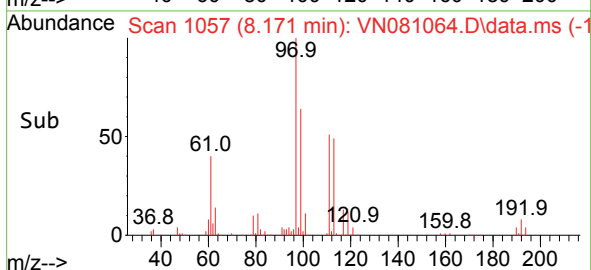
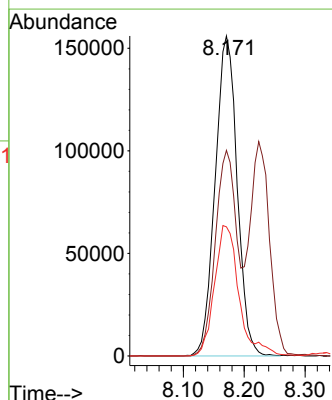
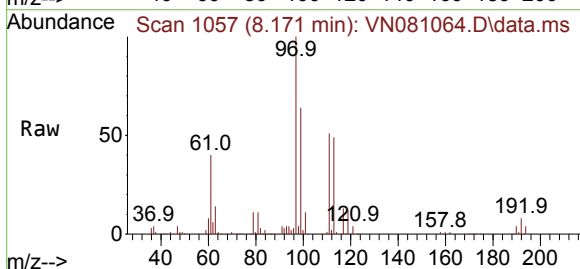
Tgt Ion: 97 Resp: 391833

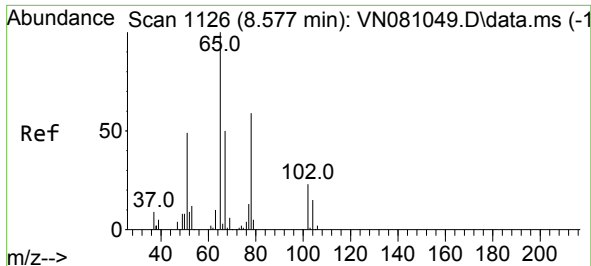
Ion Ratio Lower Upper

97 100

99 61.2 53.4 80.0

61 45.4 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 47.540 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081064.D

Acq: 16 Feb 2024 19:42

Instrument :

MSVOA_N

ClientSampleId :

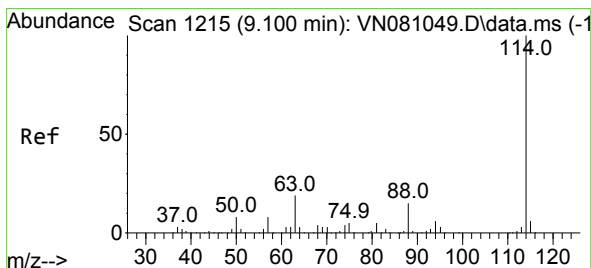
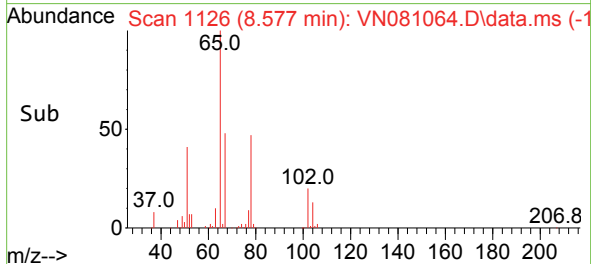
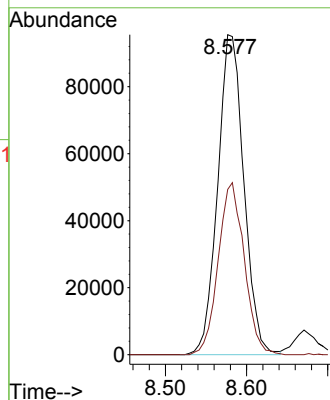
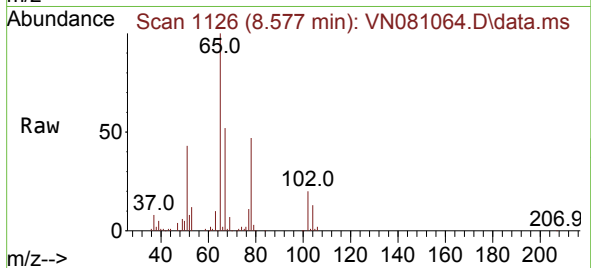
VSTDCCC050EC

Tgt Ion: 65 Resp: 213924

Ion Ratio Lower Upper

65 100

67 53.5 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081064.D

Acq: 16 Feb 2024 19:42

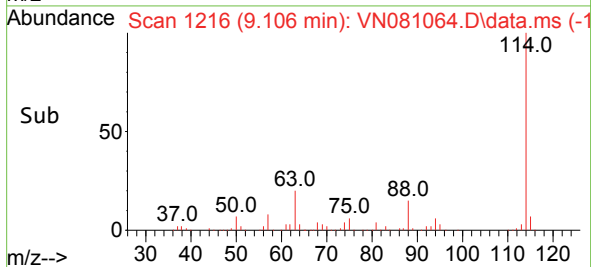
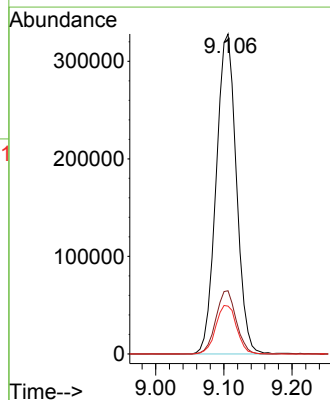
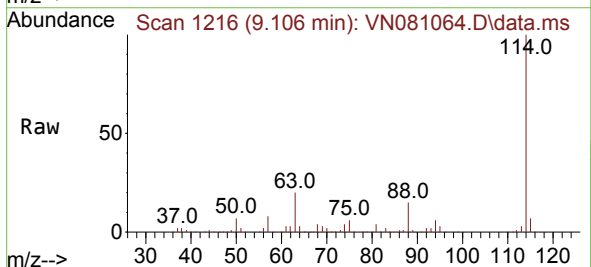
Tgt Ion: 114 Resp: 675731

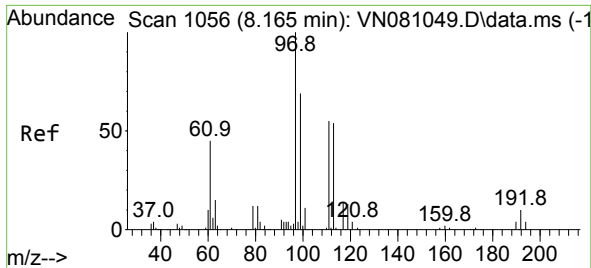
Ion Ratio Lower Upper

114 100

63 19.8 0.0 48.0

88 14.9 0.0 34.8

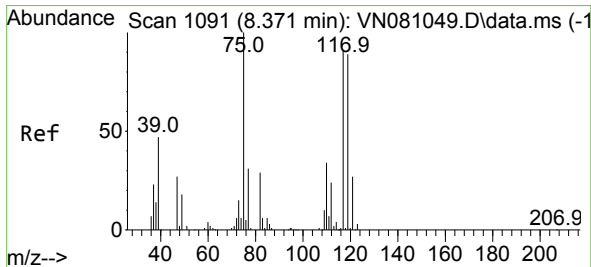
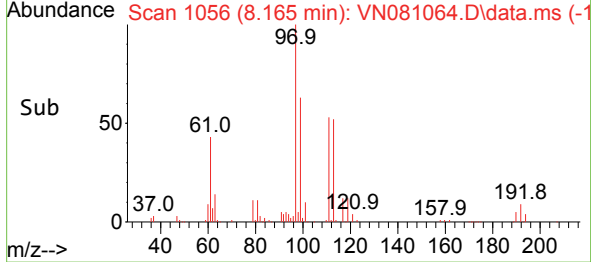
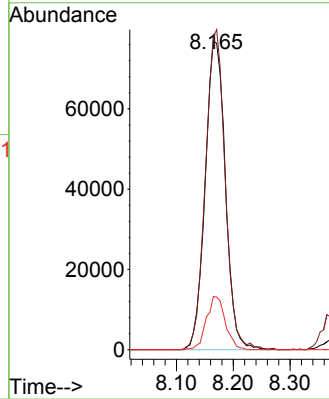
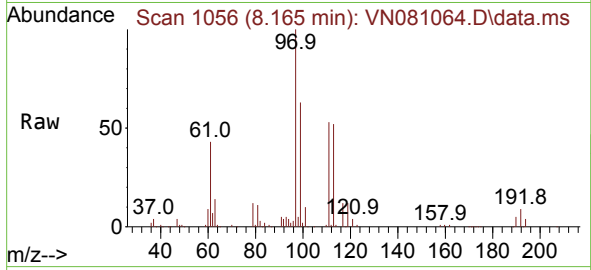




#35
Dibromofluoromethane
Concen: 49.658 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

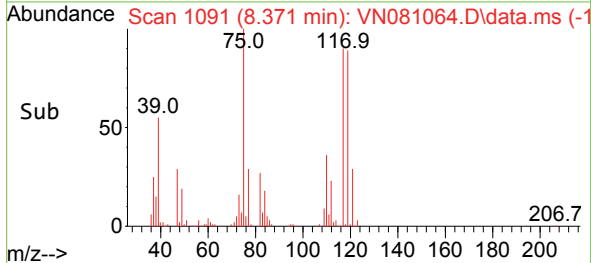
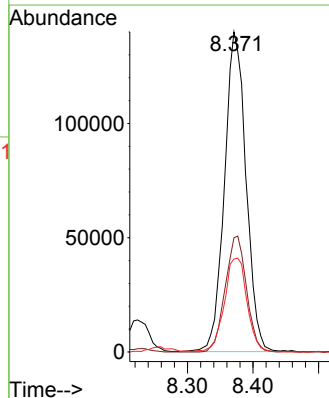
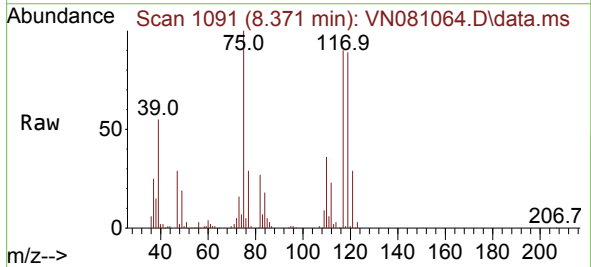
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

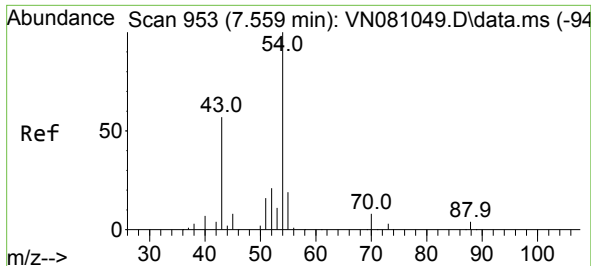
Tgt Ion:113 Resp: 189746
Ion Ratio Lower Upper
113 100
111 101.3 82.2 123.4
192 16.1 12.5 18.7



#36
1,1-Dichloropropene
Concen: 48.671 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

Tgt Ion: 75 Resp: 318612
Ion Ratio Lower Upper
75 100
110 36.0 16.0 48.0
77 31.0 25.8 38.6





#37

Ethyl Acetate

Concen: 49.545 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN081064.D

Acq: 16 Feb 2024 19:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

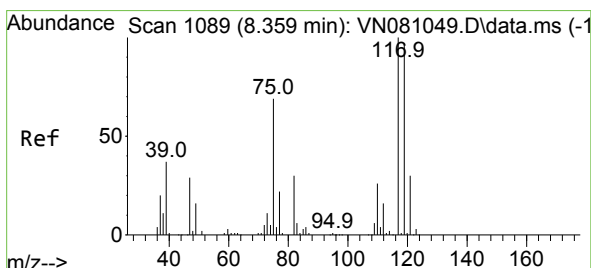
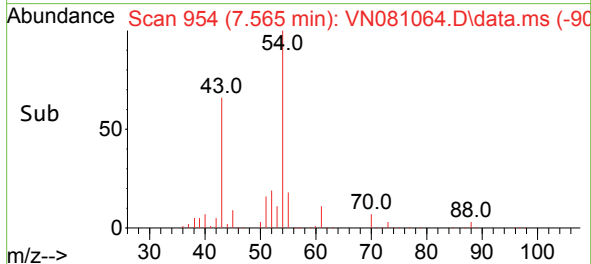
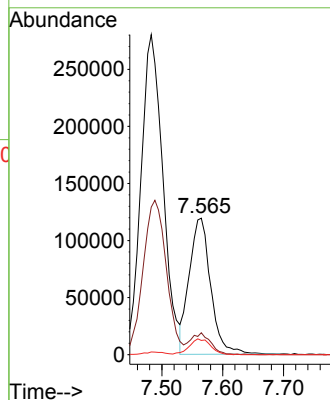
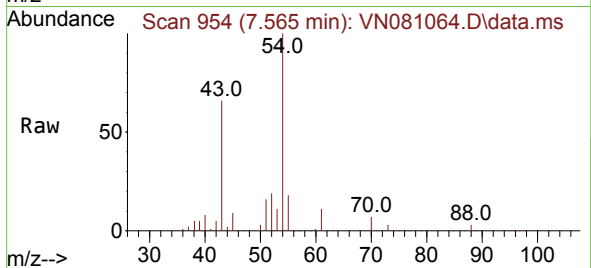
Tgt Ion: 43 Resp: 292713

Ion Ratio Lower Upper

43 100

61 14.8 10.6 15.8

70 11.5 8.0 12.0



#38

Carbon Tetrachloride

Concen: 51.055 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VN081064.D

Acq: 16 Feb 2024 19:42

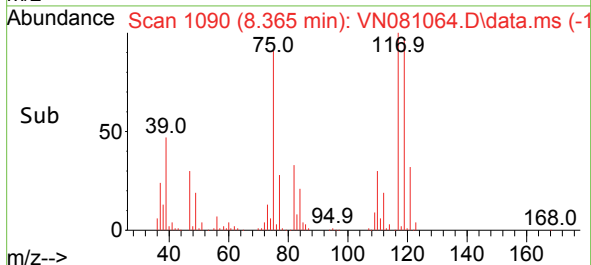
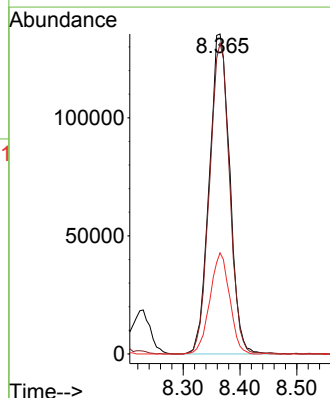
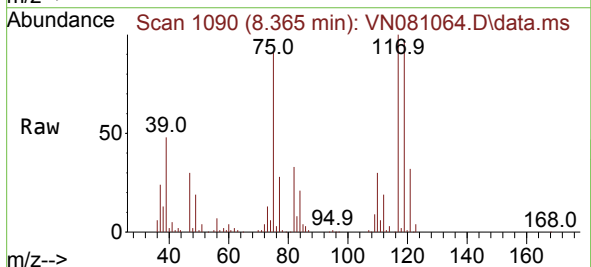
Tgt Ion: 117 Resp: 338139

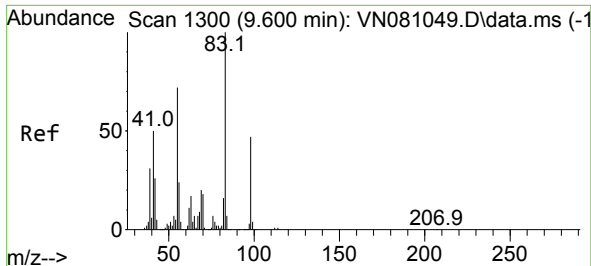
Ion Ratio Lower Upper

117 100

119 97.1 73.4 110.2

121 31.6 24.4 36.6





#39

Methylcyclohexane

Concen: 48.878 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. 0.006 min

Lab File: VN081064.D

Acq: 16 Feb 2024 19:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

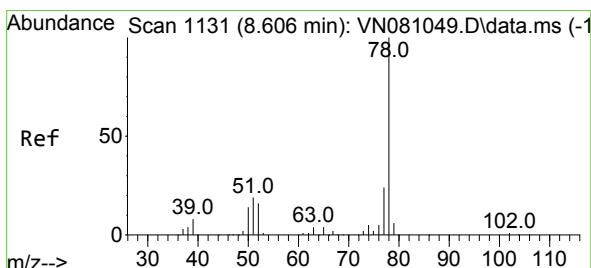
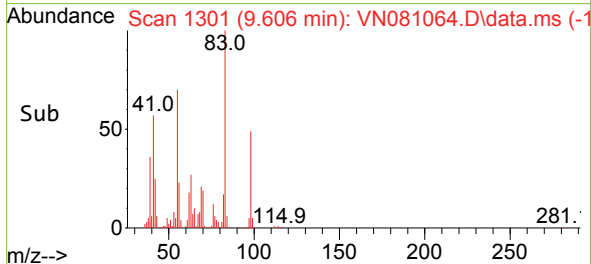
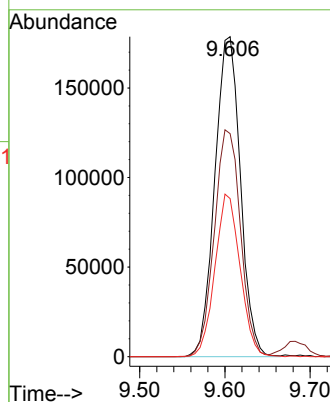
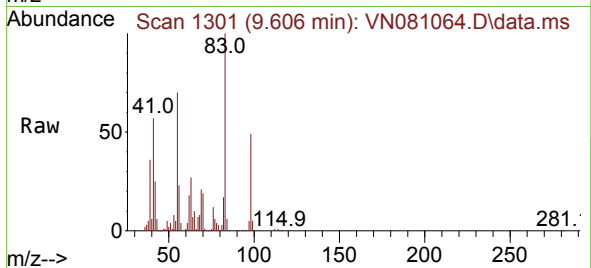
Tgt Ion: 83 Resp: 372996

Ion Ratio Lower Upper

83 100

55 69.7 65.7 98.5

98 49.3 33.8 50.6



#40

Benzene

Concen: 50.016 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN081064.D

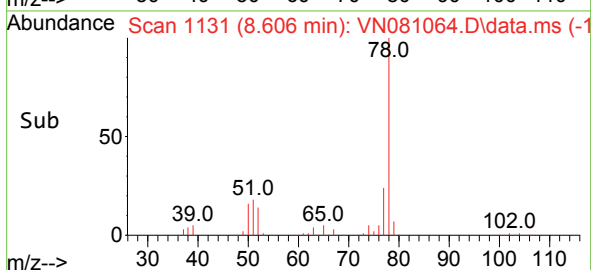
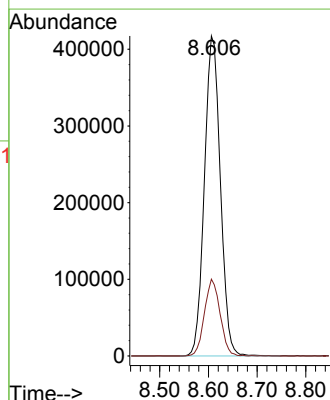
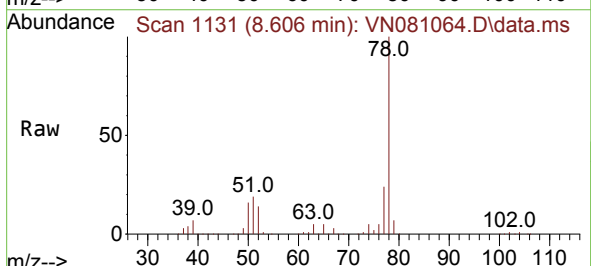
Acq: 16 Feb 2024 19:42

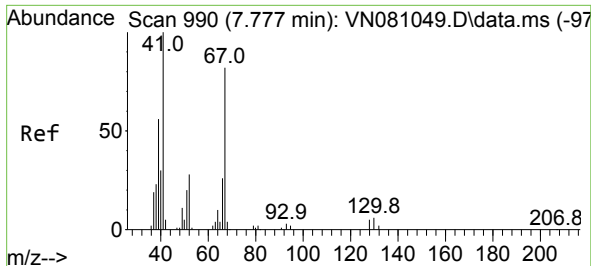
Tgt Ion: 78 Resp: 947712

Ion Ratio Lower Upper

78 100

77 24.0 20.4 30.6

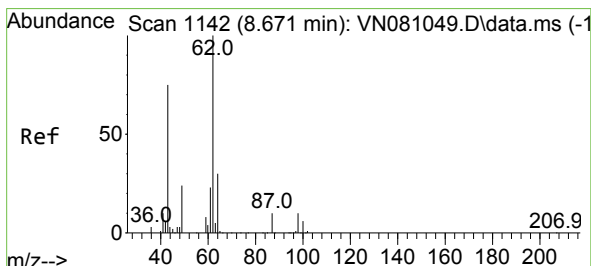
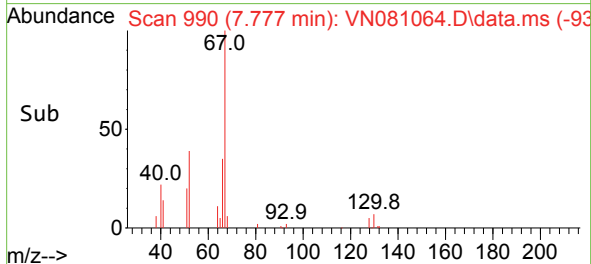
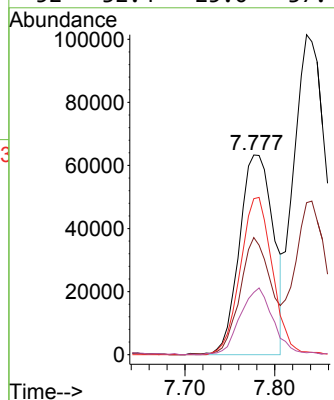
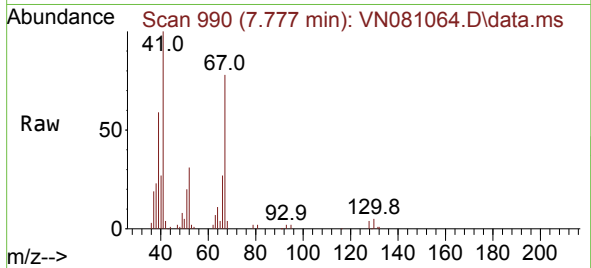




#41
Methacrylonitrile
Concen: 49.631 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

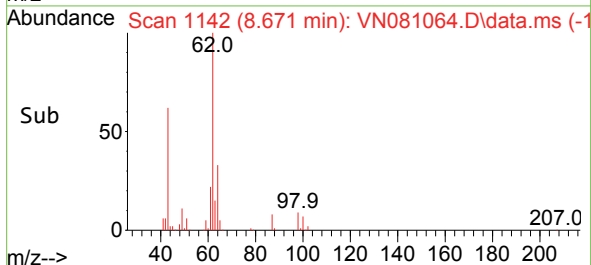
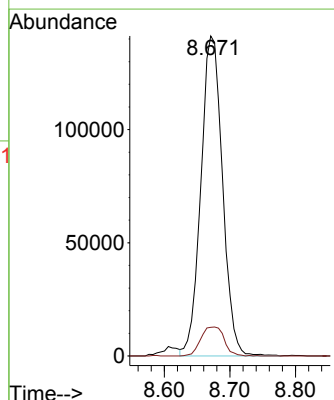
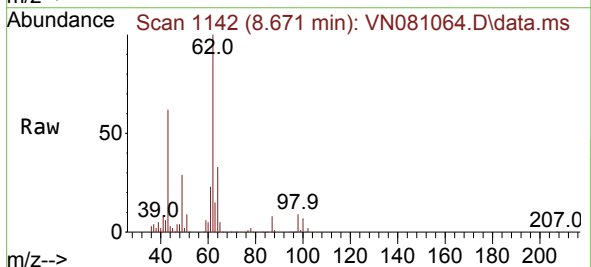
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

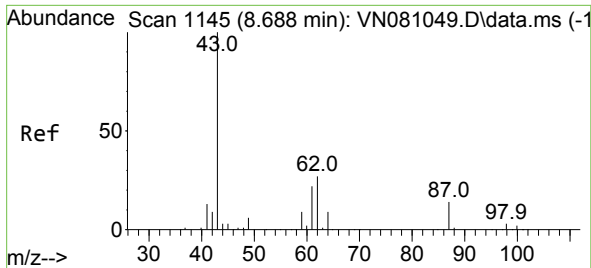
Tgt Ion: 41 Resp: 166881
Ion Ratio Lower Upper
41 100
39 54.0 48.4 72.6
67 74.6 56.8 85.2
52 32.4 25.0 37.4



#42
1,2-Dichloroethane
Concen: 49.121 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

Tgt Ion: 62 Resp: 324723
Ion Ratio Lower Upper
62 100
98 9.8 0.0 18.0

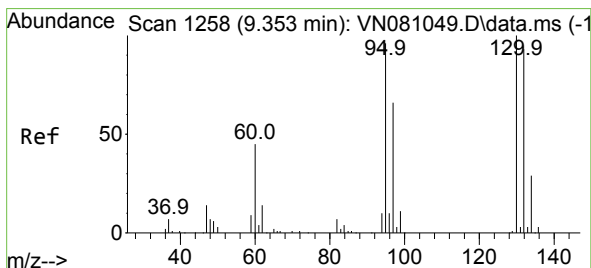
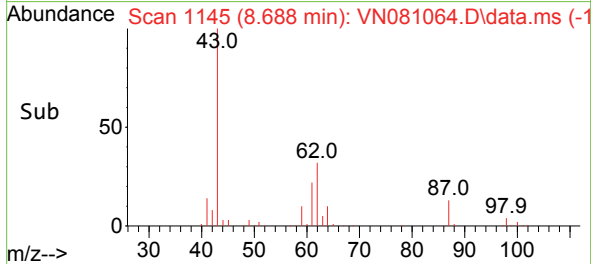
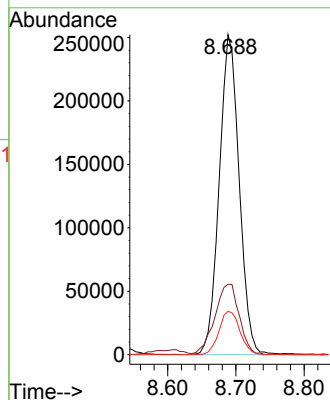
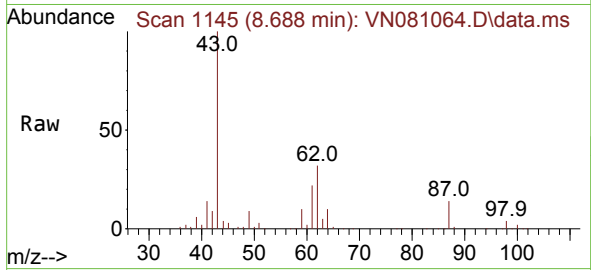




#43
Isopropyl Acetate
Concen: 49.802 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

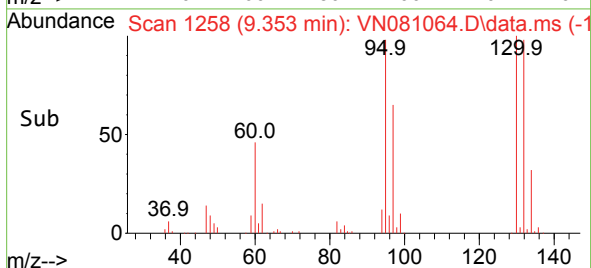
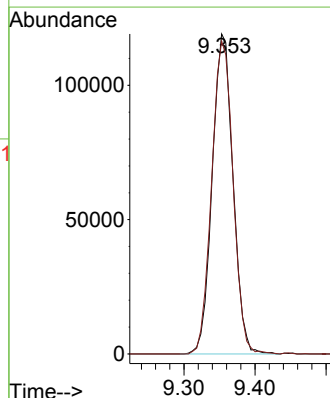
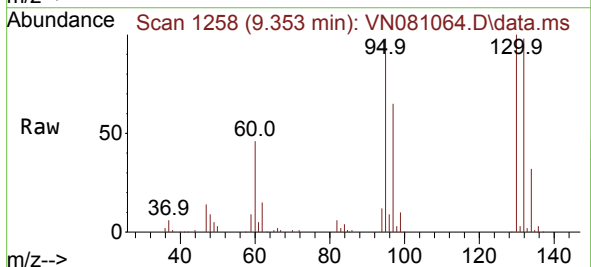
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

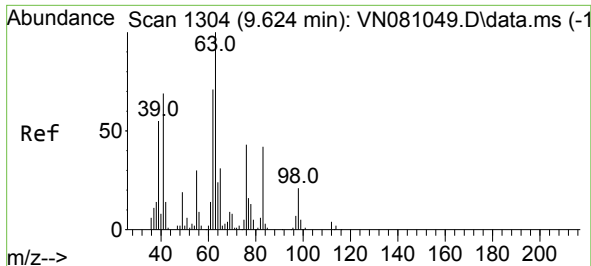
Tgt Ion: 43 Resp: 514600
Ion Ratio Lower Upper
43 100
61 27.0 19.9 29.9
87 14.3 9.0 13.6#



#44
Trichloroethene
Concen: 47.907 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

Tgt Ion:130 Resp: 241775
Ion Ratio Lower Upper
130 100
95 97.7 0.0 210.4





#45

1,2-Dichloropropane

Concen: 49.303 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN081064.D

Acq: 16 Feb 2024 19:42

Instrument :

MSVOA_N

ClientSampleId :

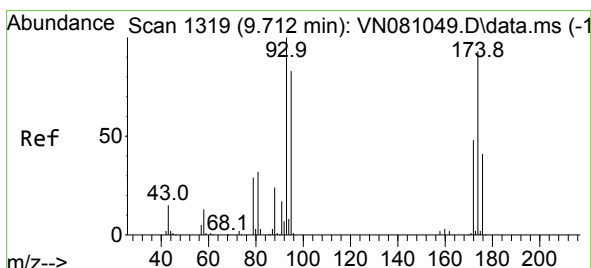
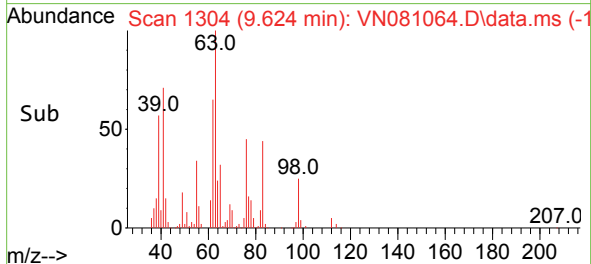
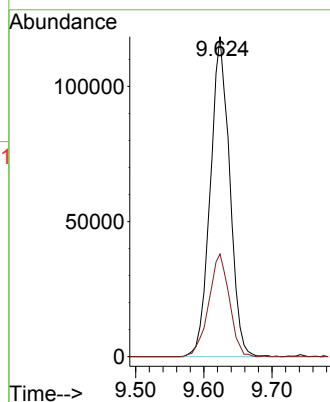
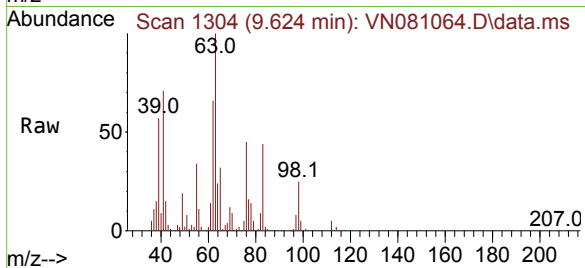
VSTDCCC050EC

Tgt Ion: 63 Resp: 233687

Ion Ratio Lower Upper

63 100

65 32.1 26.1 39.1



#46

Dibromomethane

Concen: 49.084 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN081064.D

Acq: 16 Feb 2024 19:42

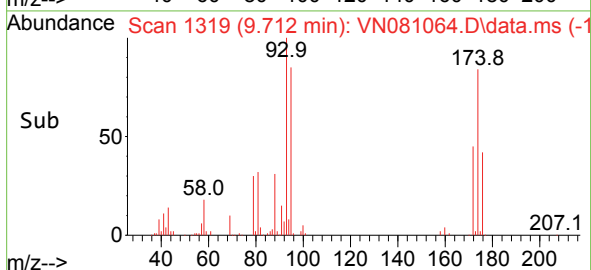
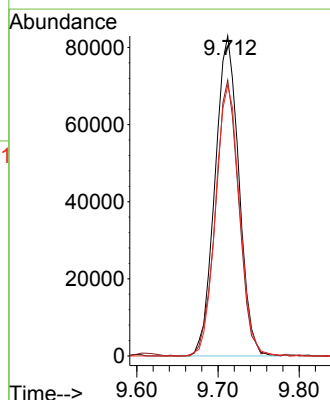
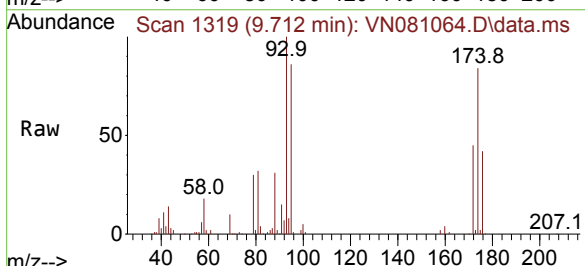
Tgt Ion: 93 Resp: 169509

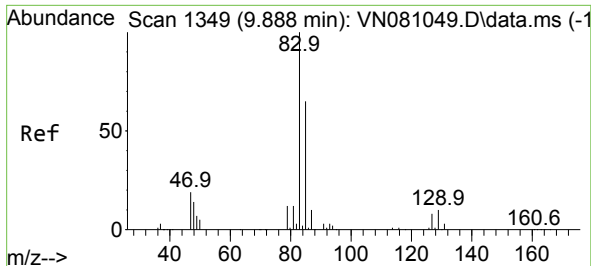
Ion Ratio Lower Upper

93 100

95 84.2 68.1 102.1

174 85.1 57.2 85.8

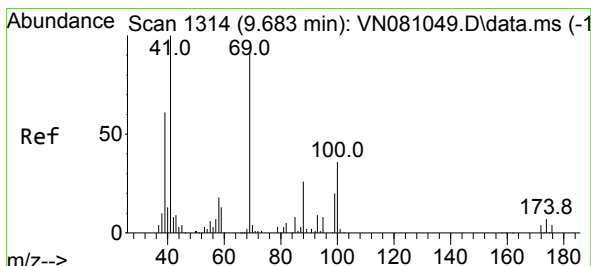
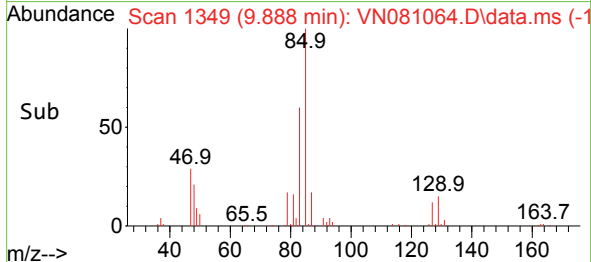
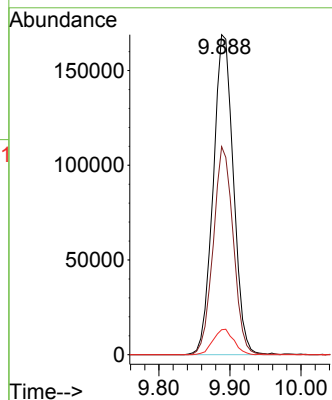
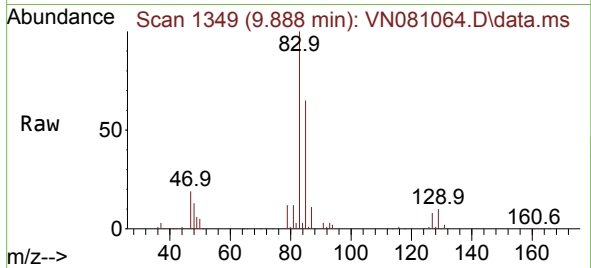




#47
Bromodichloromethane
Concen: 51.069 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

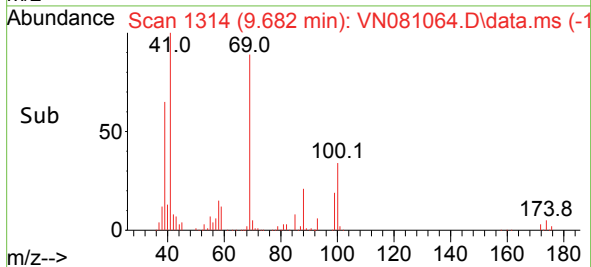
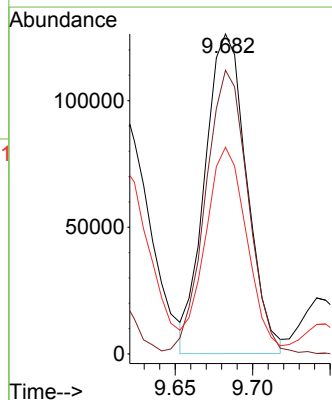
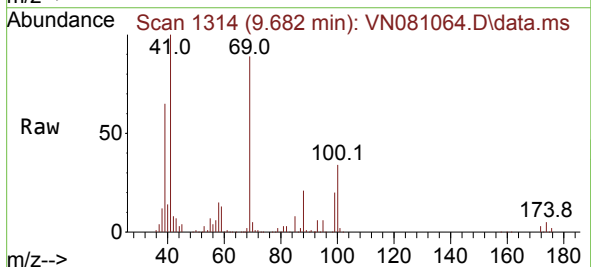
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

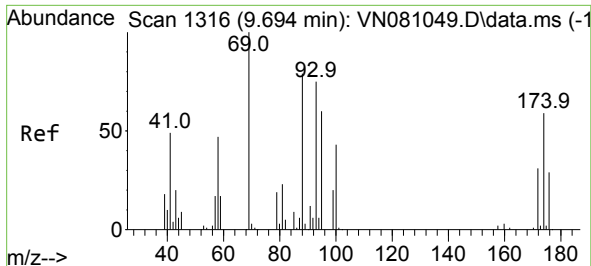
Tgt Ion: 83 Resp: 334028
Ion Ratio Lower Upper
83 100
85 65.0 52.3 78.5
127 7.8 4.6 7.0#



#48
Methyl methacrylate
Concen: 49.292 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

Tgt Ion: 41 Resp: 236993
Ion Ratio Lower Upper
41 100
69 90.6 62.2 93.2
39 64.2 47.6 71.4





#49

1,4-Dioxane

Concen: 1088.071 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081064.D

Acq: 16 Feb 2024 19:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

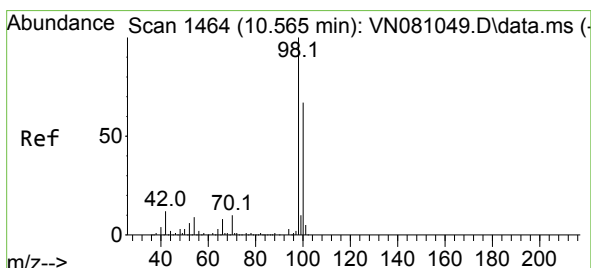
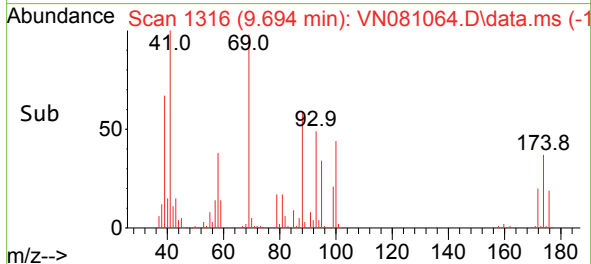
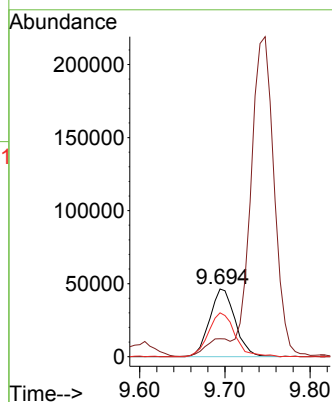
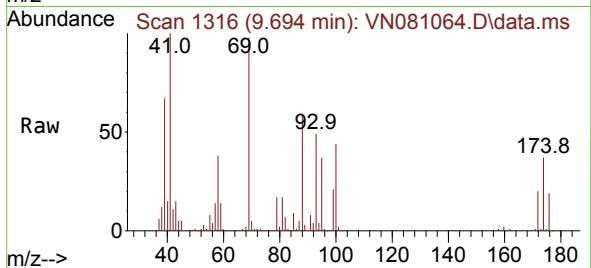
Tgt Ion: 88 Resp: 95957

Ion Ratio Lower Upper

88 100

43 25.0 30.1 45.1#

58 67.7 63.9 95.9



#50

Toluene-d8

Concen: 48.260 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081064.D

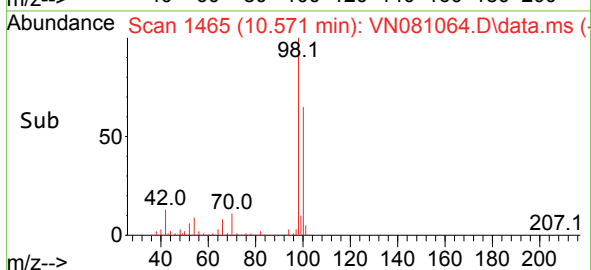
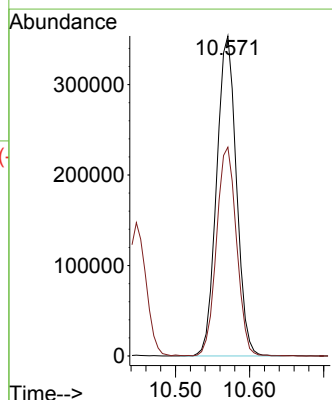
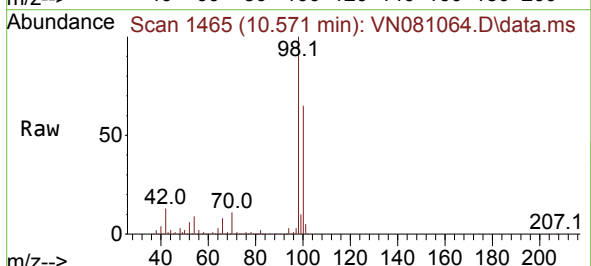
Acq: 16 Feb 2024 19:42

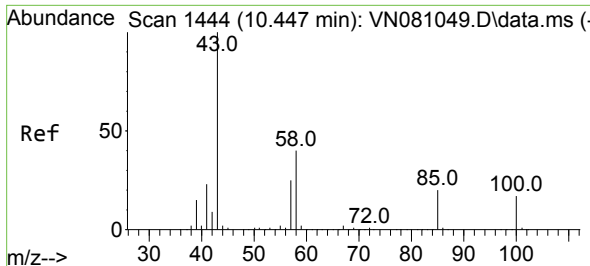
Tgt Ion: 98 Resp: 654949

Ion Ratio Lower Upper

98 100

100 65.9 51.4 77.0

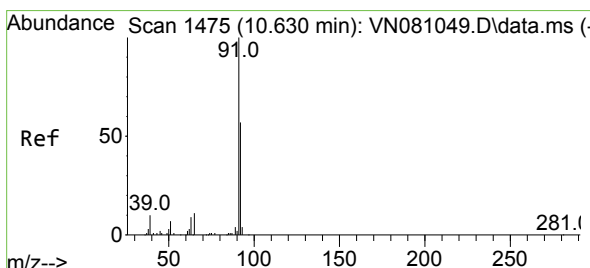
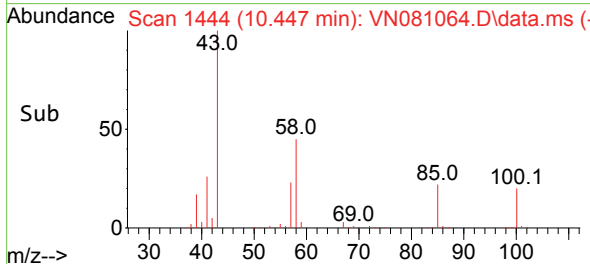
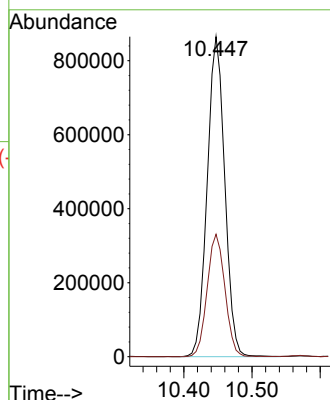
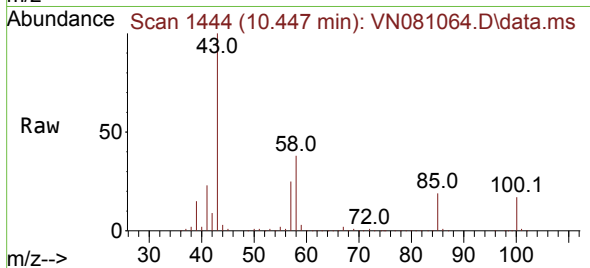




#51
4-Methyl-2-Pentanone
Concen: 260.563 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

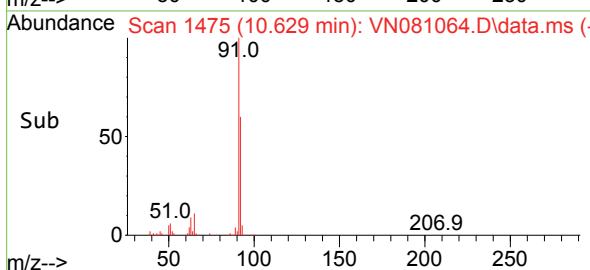
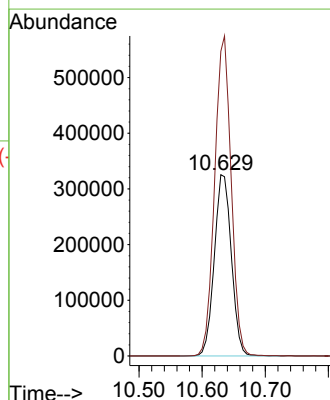
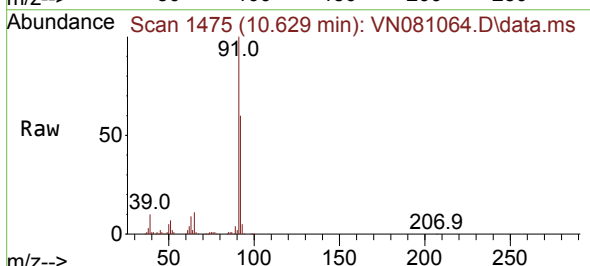
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

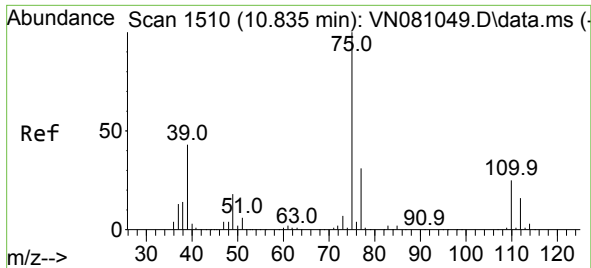
Tgt Ion: 43 Resp: 1548780
Ion Ratio Lower Upper
43 100
58 38.8 29.4 44.0



#52
Toluene
Concen: 50.806 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

Tgt Ion: 92 Resp: 609444
Ion Ratio Lower Upper
92 100
91 171.2 139.4 209.0

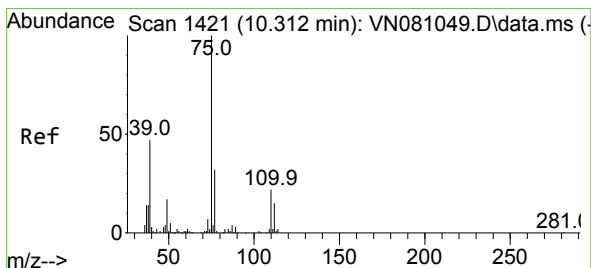
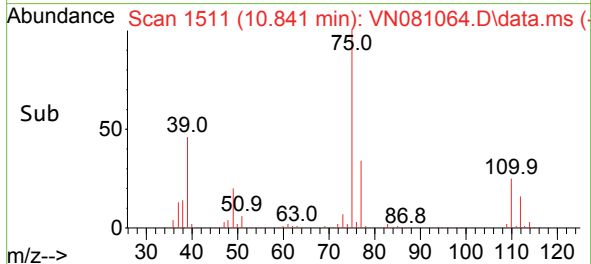
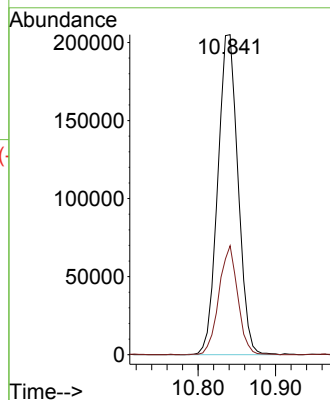
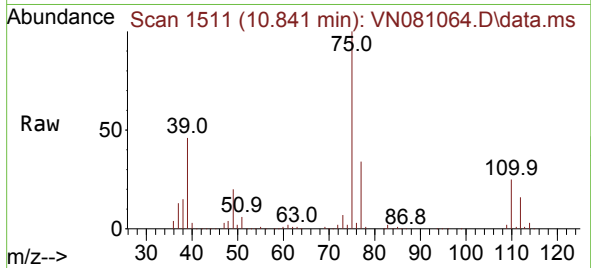




#53
 t-1,3-Dichloropropene
 Concen: 51.169 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.006 min
 Lab File: VN081064.D
 Acq: 16 Feb 2024 19:42

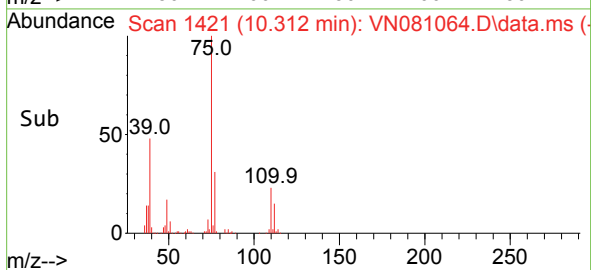
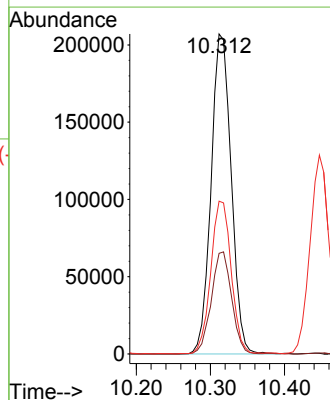
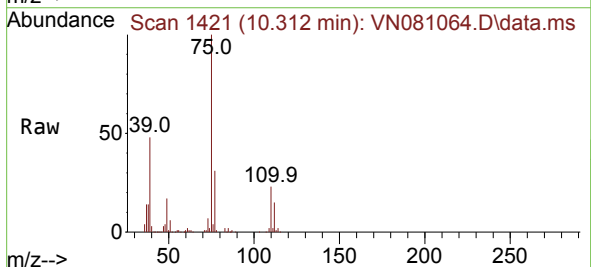
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

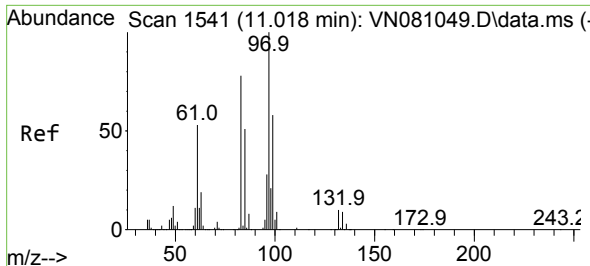
Tgt Ion: 75 Resp: 371920
 Ion Ratio Lower Upper
 75 100
 77 34.1 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 49.740 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN081064.D
 Acq: 16 Feb 2024 19:42

Tgt Ion: 75 Resp: 390605
 Ion Ratio Lower Upper
 75 100
 77 31.5 23.3 34.9
 39 47.6 44.6 66.8

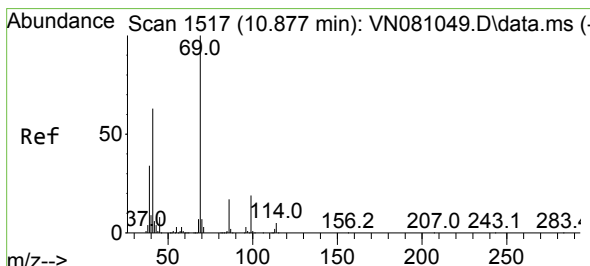
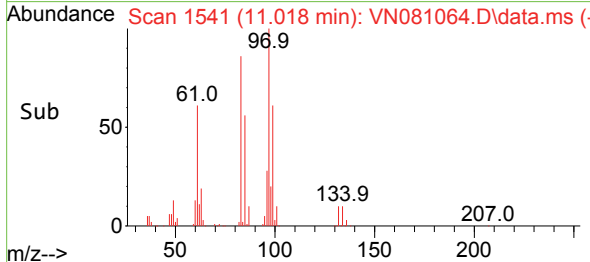
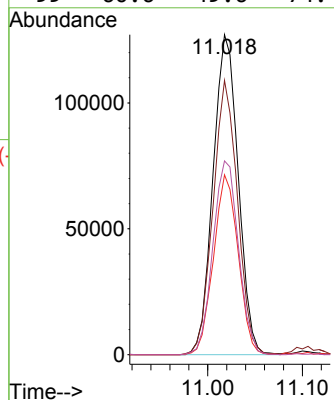
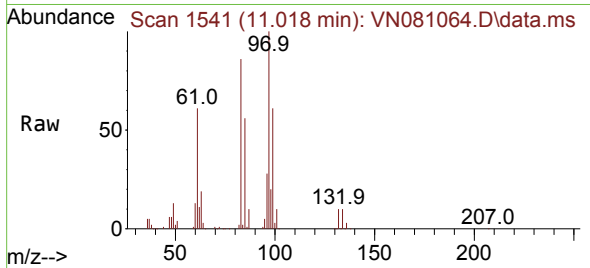




#55
 1,1,2-Trichloroethane
 Concen: 50.896 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN081064.D
 Acq: 16 Feb 2024 19:42

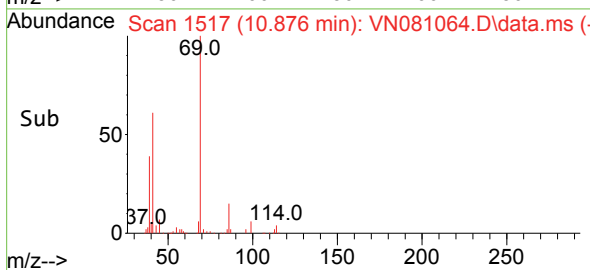
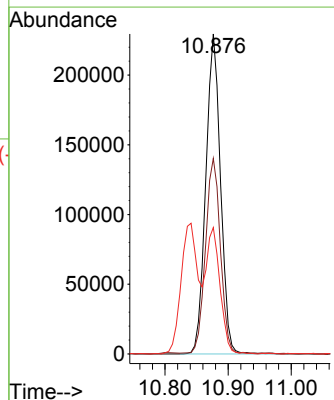
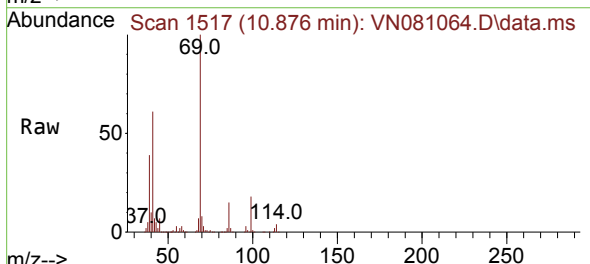
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

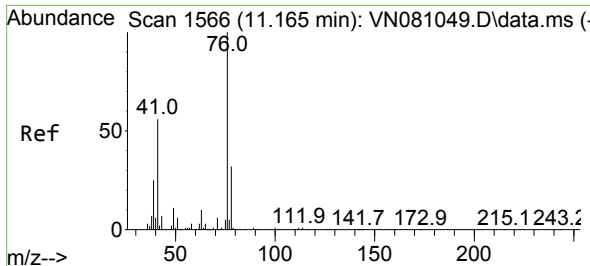
Tgt Ion:	97	Resp:	234817
Ion	Ratio	Lower	Upper
97	100		
83	85.7	72.9	109.3
85	56.2	50.2	75.2
99	60.6	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 52.786 ug/l
 RT: 10.876 min Scan# 1517
 Delta R.T. -0.000 min
 Lab File: VN081064.D
 Acq: 16 Feb 2024 19:42

Tgt Ion:	69	Resp:	372206
Ion	Ratio	Lower	Upper
69	100		
41	61.7	61.0	91.6
39	36.8	31.8	47.6

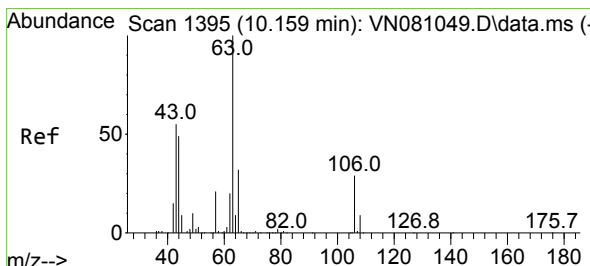
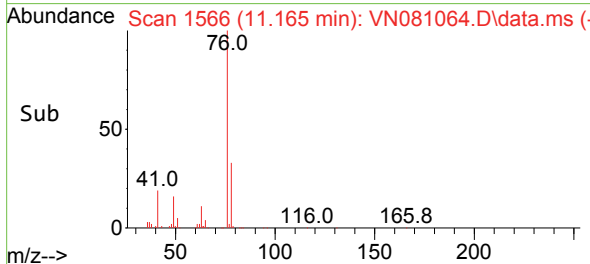
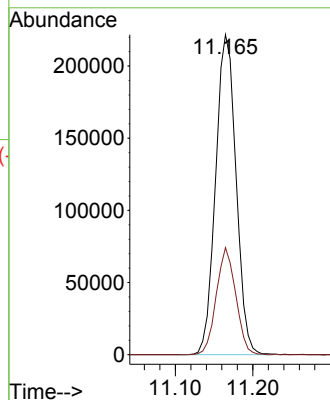
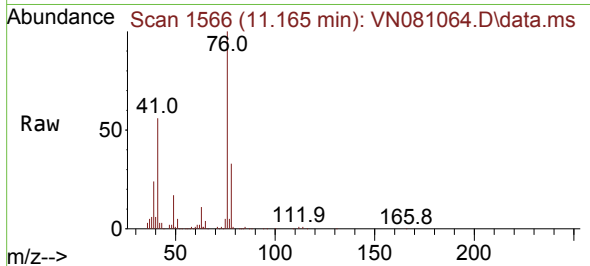




#57
1,3-Dichloropropane
Concen: 50.981 ug/l
RT: 11.165 min Scan# 1116
Delta R.T. -0.000 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

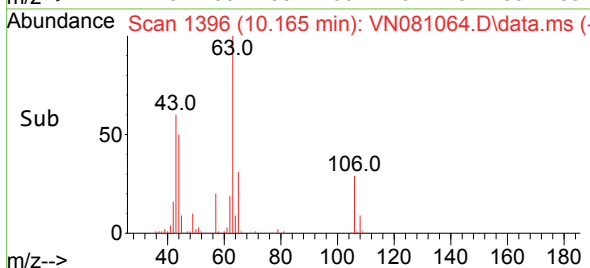
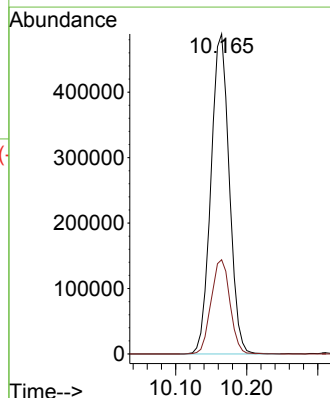
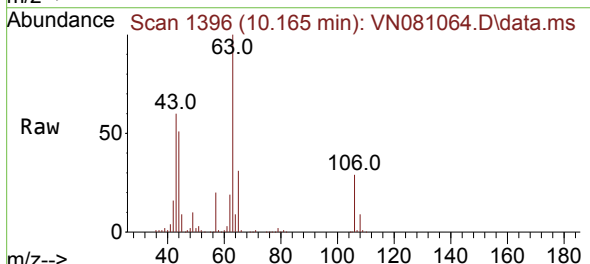
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

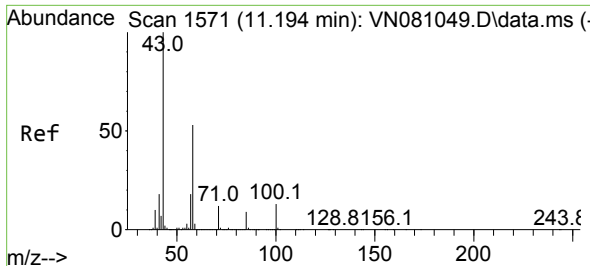
Tgt Ion: 76 Resp: 406695
Ion Ratio Lower Upper
76 100
78 31.8 25.5 38.3



#58
2-Chloroethyl Vinyl ether
Concen: 247.355 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

Tgt Ion: 63 Resp: 875127
Ion Ratio Lower Upper
63 100
106 30.2 18.6 28.0#

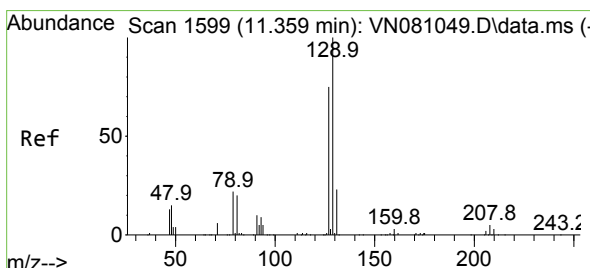
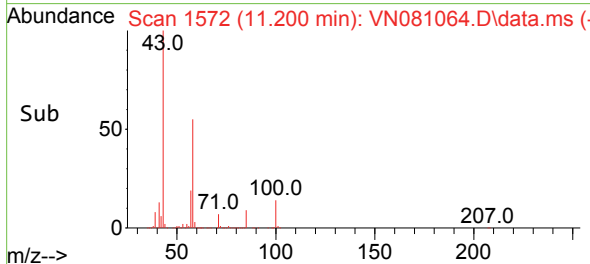
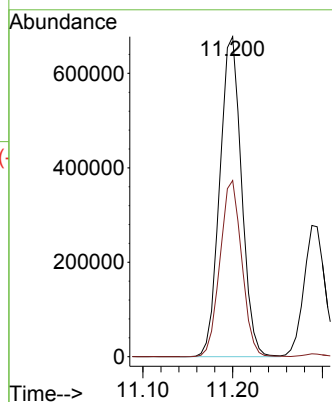
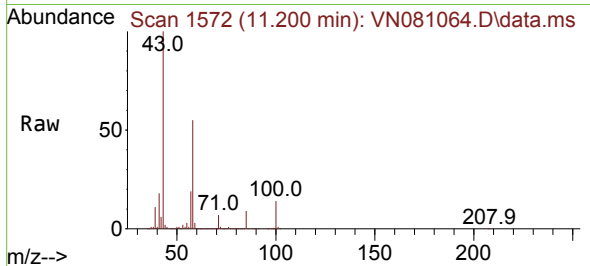




#59
2-Hexanone
Concen: 242.227 ug/l
RT: 11.200 min Scan# 1114
Delta R.T. 0.006 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

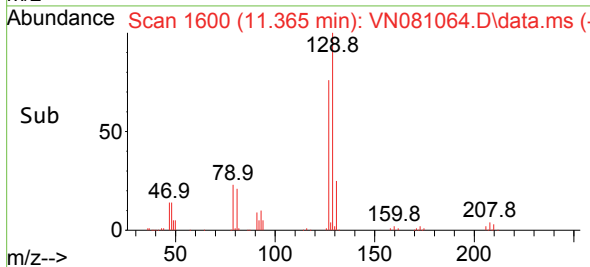
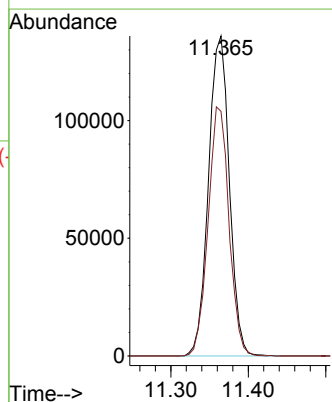
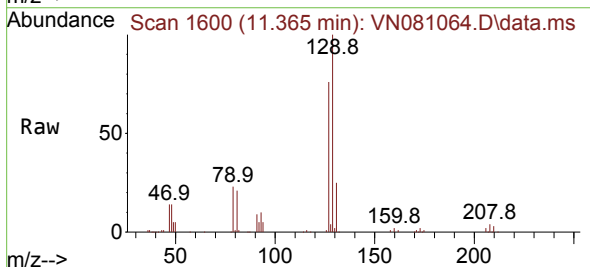
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

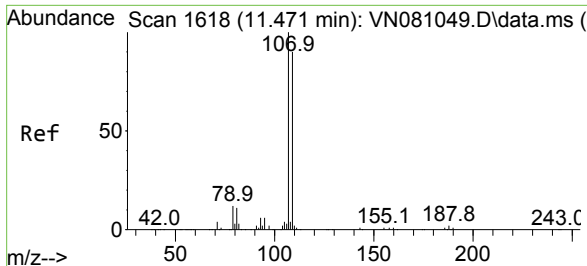
Tgt Ion: 43 Resp: 1141469
Ion Ratio Lower Upper
43 100
58 55.0 25.9 77.8



#60
Dibromochloromethane
Concen: 51.890 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

Tgt Ion: 129 Resp: 254330
Ion Ratio Lower Upper
129 100
127 78.0 39.4 118.2

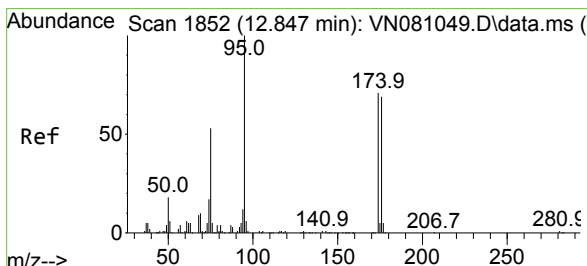
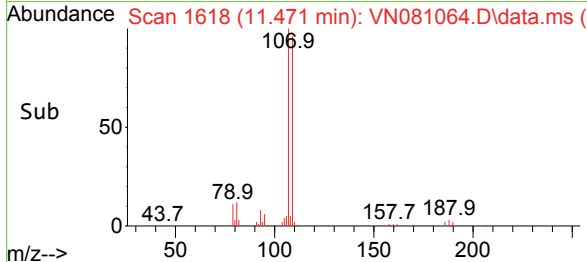
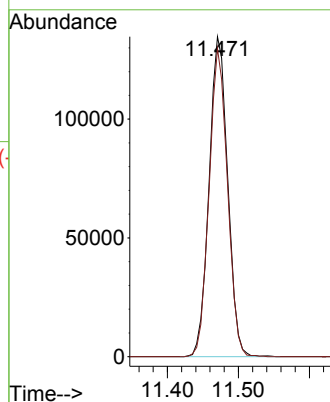
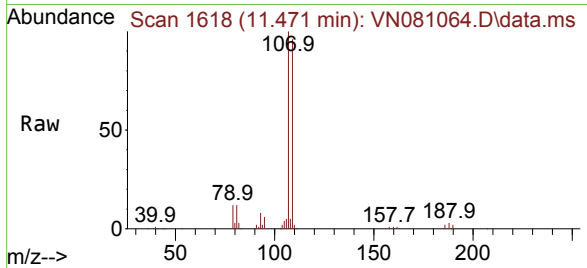




#61
1,2-Dibromoethane
Concen: 50.571 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

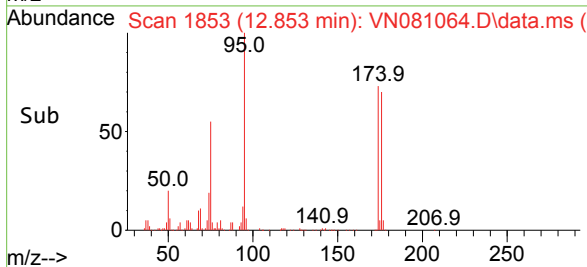
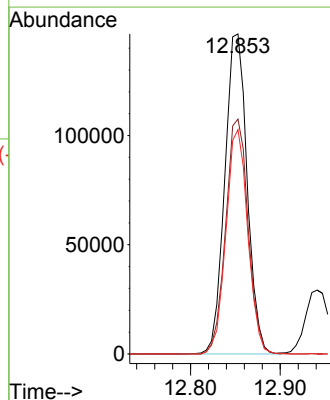
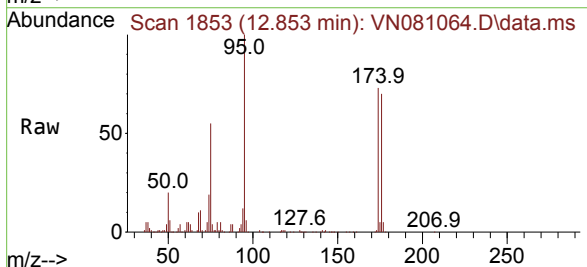
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

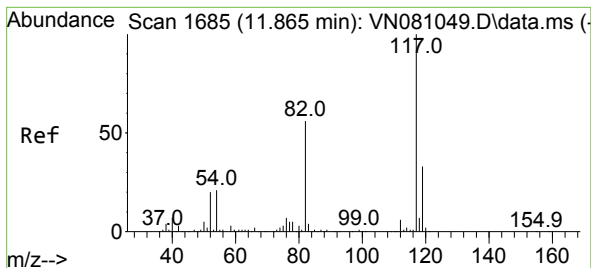
Tgt Ion:107 Resp: 245352
Ion Ratio Lower Upper
107 100
109 94.8 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 49.697 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

Tgt Ion: 95 Resp: 253430
Ion Ratio Lower Upper
95 100
174 73.7 0.0 120.4
176 68.3 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081064.D

Acq: 16 Feb 2024 19:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

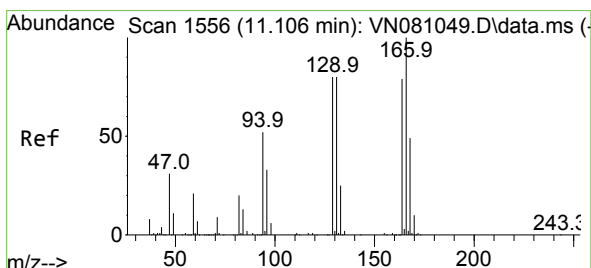
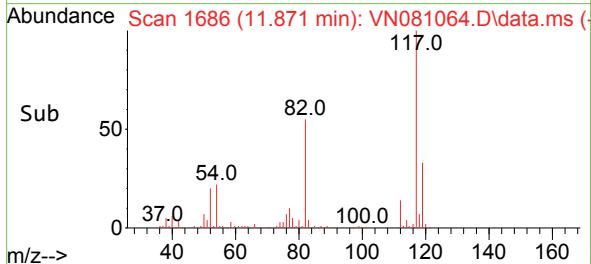
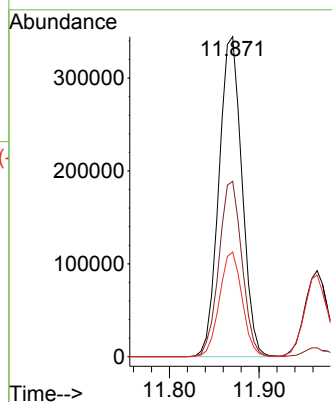
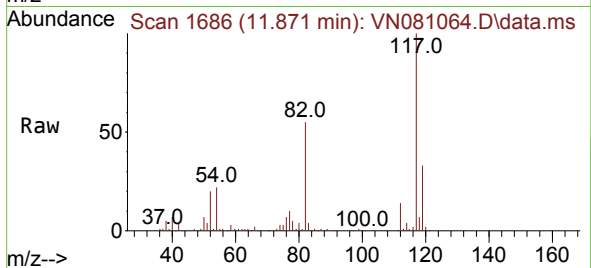
Tgt Ion:117 Resp: 614032

Ion Ratio Lower Upper

117 100

82 54.8 52.7 79.1

119 32.7 25.3 37.9



#64

Tetrachloroethene

Concen: 48.441 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN081064.D

Acq: 16 Feb 2024 19:42

Tgt Ion:164 Resp: 203006

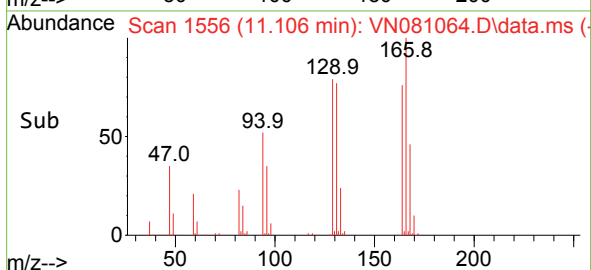
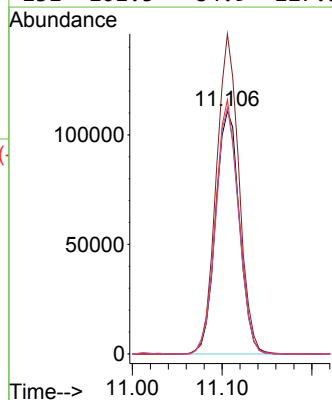
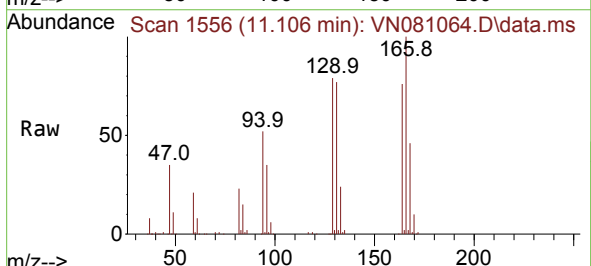
Ion Ratio Lower Upper

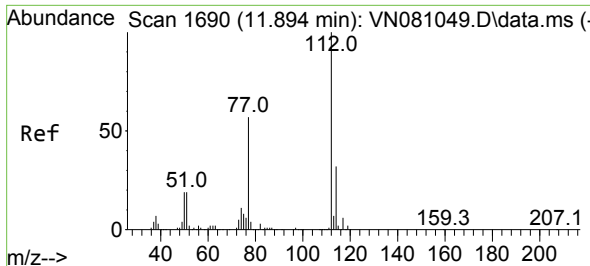
164 100

166 131.8 105.8 158.6

129 104.7 89.6 134.4

131 101.5 84.9 127.3

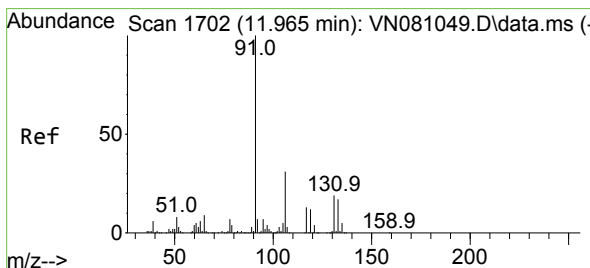
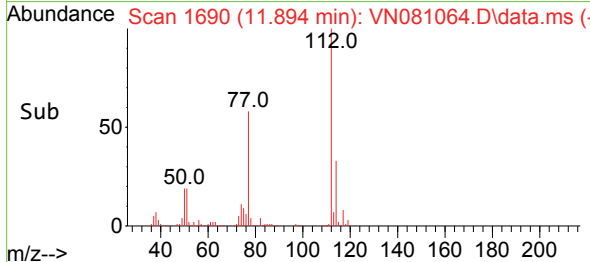
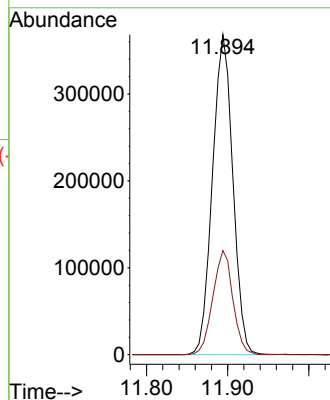
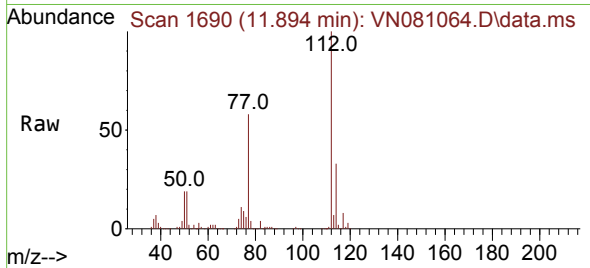




#65
Chlorobenzene
Concen: 48.312 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

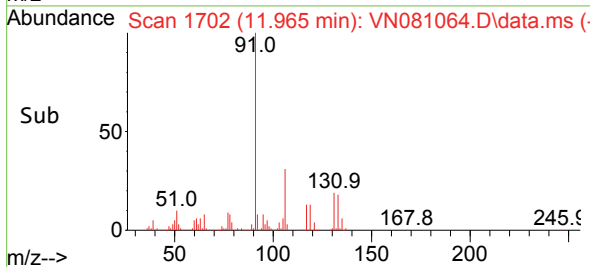
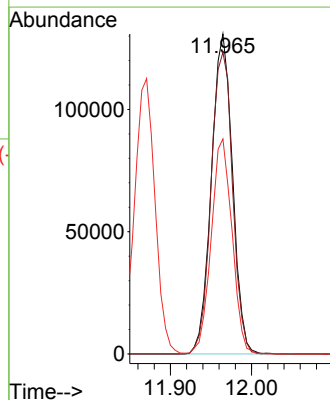
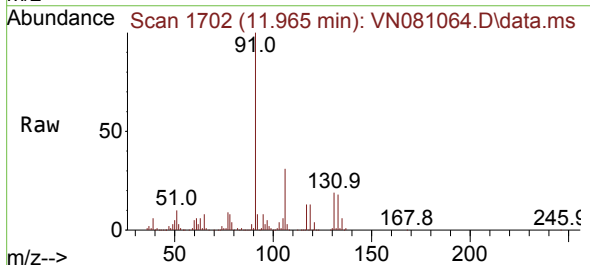
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

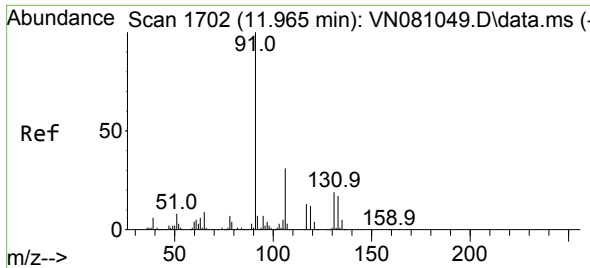
Tgt Ion:112 Resp: 642040
Ion Ratio Lower Upper
112 100
114 32.6 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 49.548 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

Tgt Ion:131 Resp: 236508
Ion Ratio Lower Upper
131 100
133 95.8 46.8 140.3
119 66.2 34.6 103.9

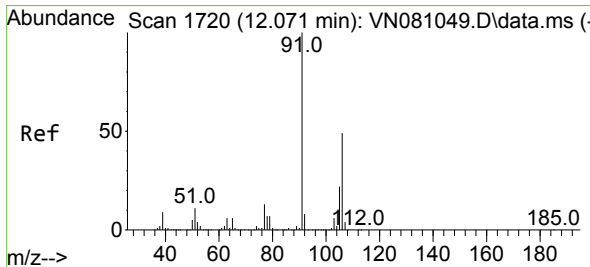
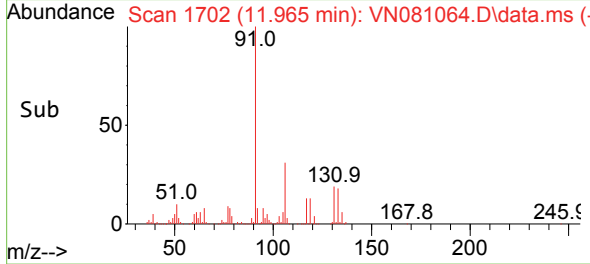
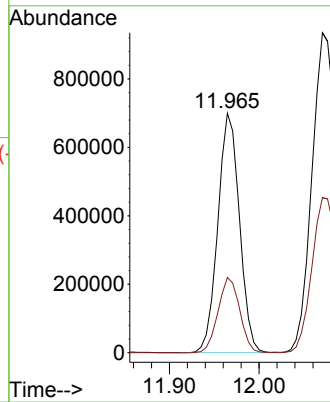
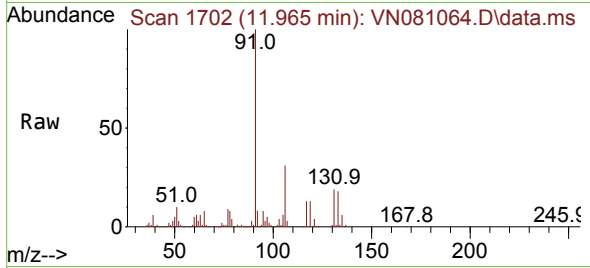




#67
Ethyl Benzene
Concen: 49.155 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

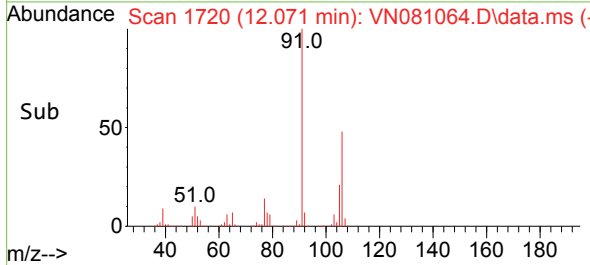
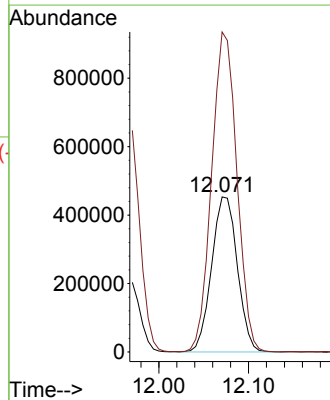
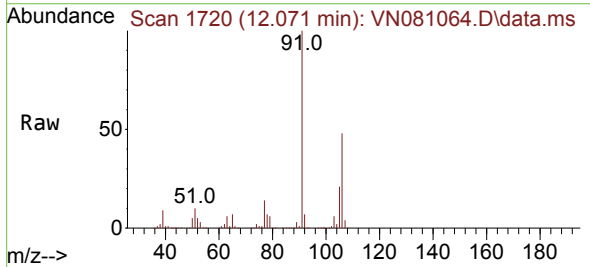
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

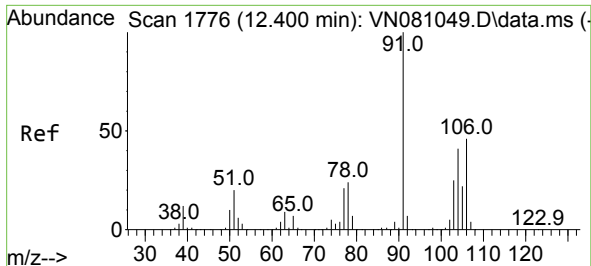
Tgt Ion: 91 Resp: 1168936
Ion Ratio Lower Upper
91 100
106 31.4 23.8 35.6



#68
m/p-Xylenes
Concen: 98.949 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

Tgt Ion:106 Resp: 901925
Ion Ratio Lower Upper
106 100
91 202.4 169.0 253.6

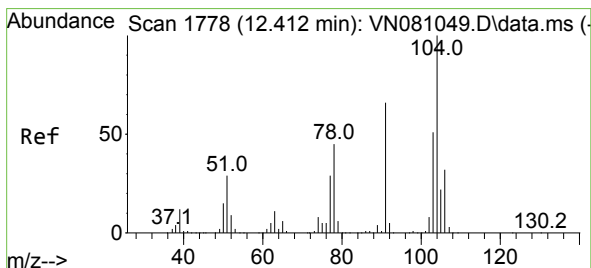
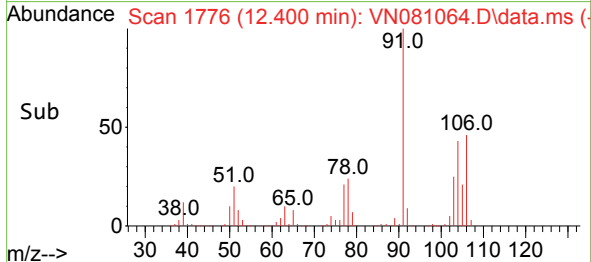
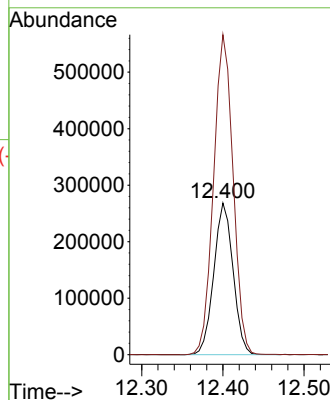
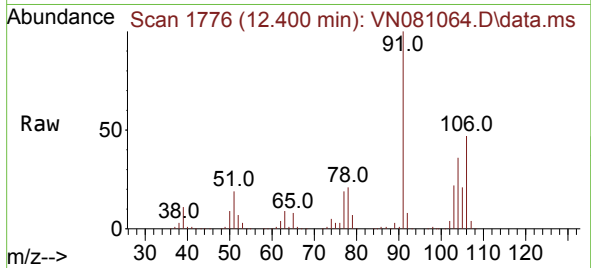




#69
o-Xylene
Concen: 49.008 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

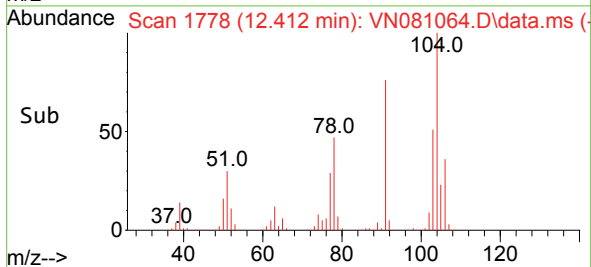
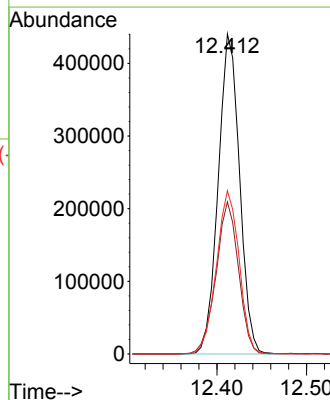
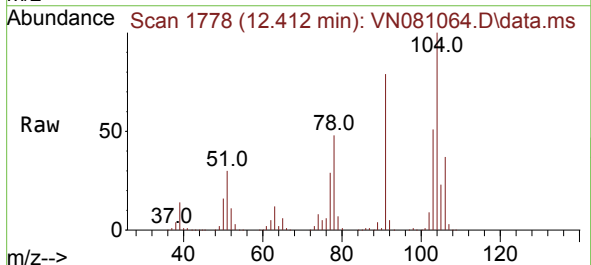
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

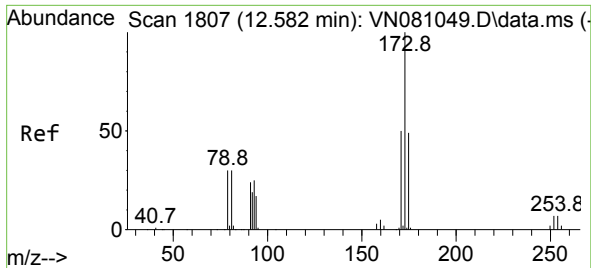
Tgt Ion:106 Resp: 442807
Ion Ratio Lower Upper
106 100
91 214.0 112.1 336.3



#70
Styrene
Concen: 50.820 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

Tgt Ion:104 Resp: 727614
Ion Ratio Lower Upper
104 100
78 50.1 43.8 65.8
103 54.5 44.2 66.2

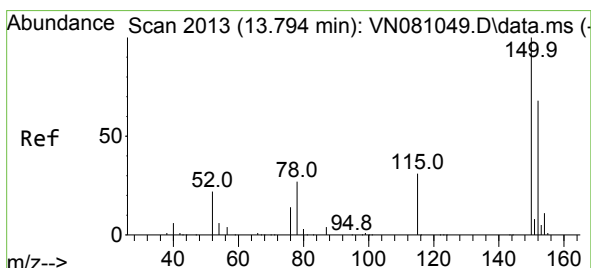
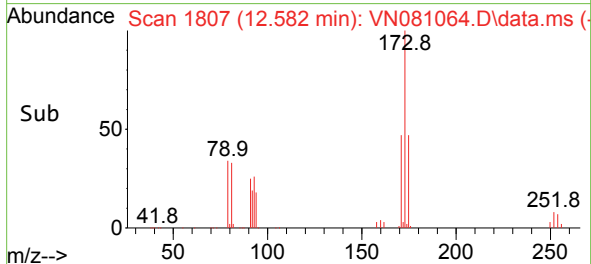
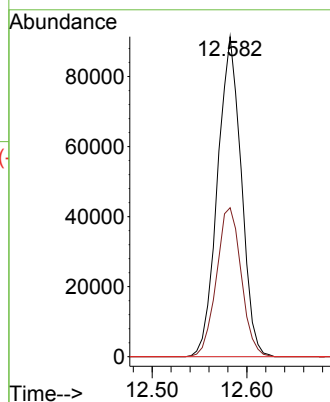
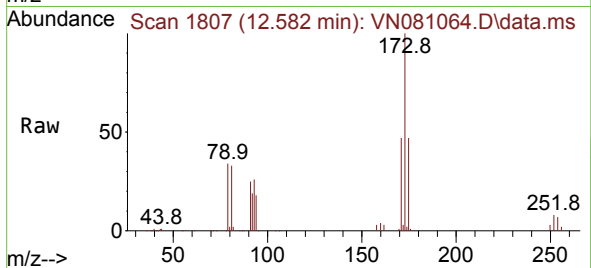




#71
Bromoform
Concen: 52.484 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

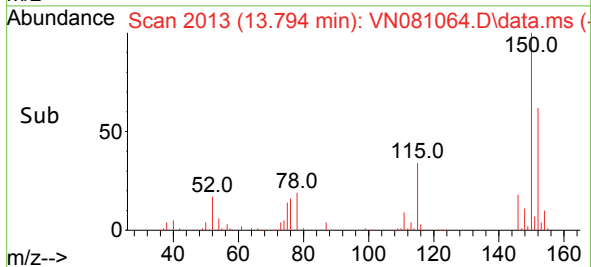
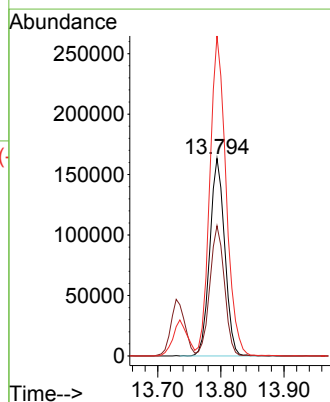
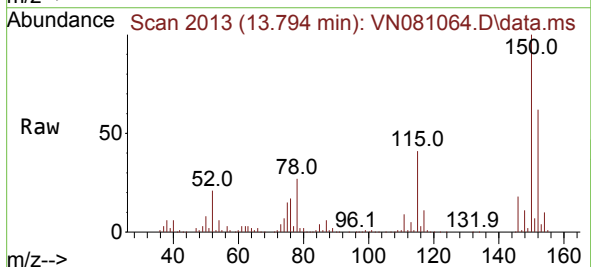
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

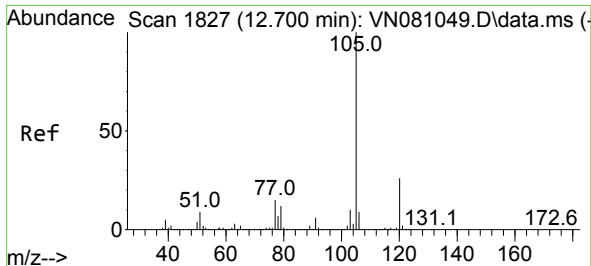
Tgt Ion:173 Resp: 158939
Ion Ratio Lower Upper
173 100
175 48.7 23.1 69.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

Tgt Ion:152 Resp: 268130
Ion Ratio Lower Upper
152 100
115 64.6 32.3 96.8
150 176.3 0.0 339.8

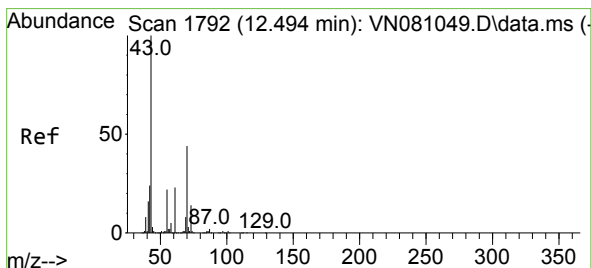
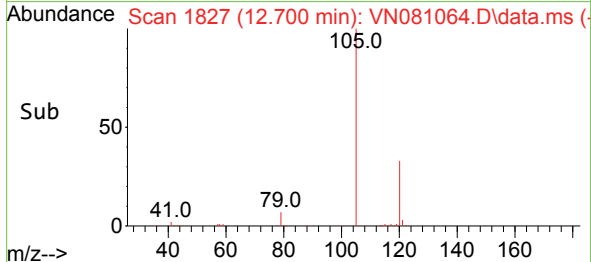
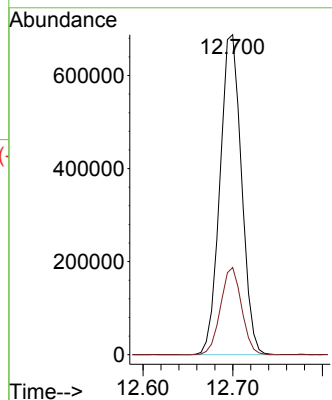
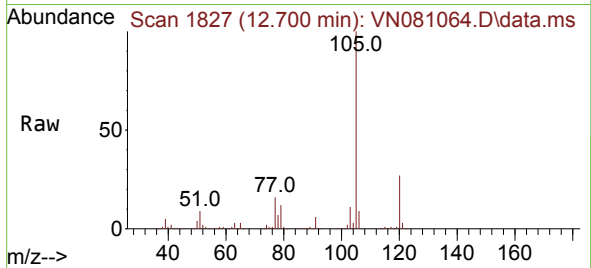




#73
Isopropylbenzene
Concen: 48.871 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

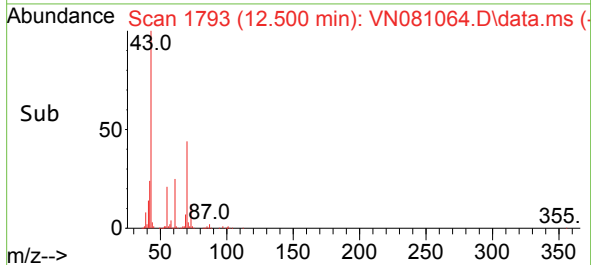
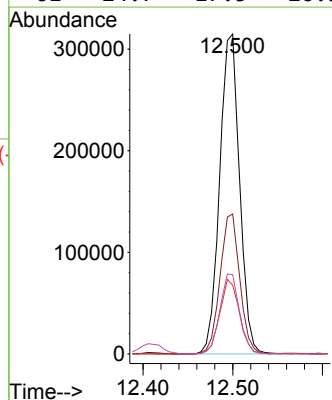
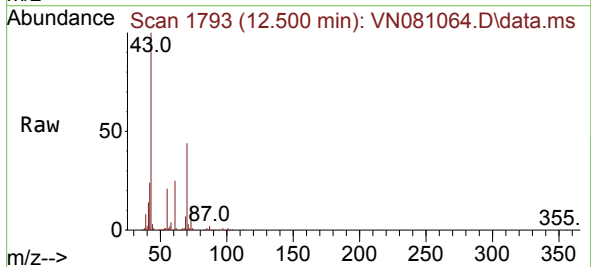
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

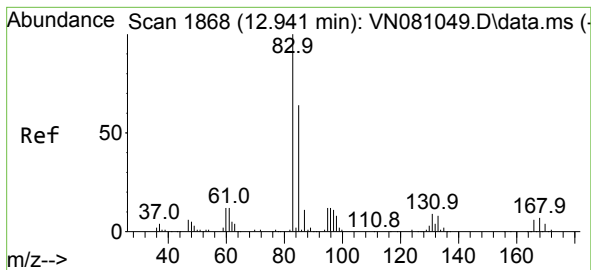
Tgt Ion:105 Resp: 1146484
Ion Ratio Lower Upper
105 100
120 26.6 12.6 37.6



#74
N-ethyl acetate
Concen: 48.907 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

Tgt Ion: 43 Resp: 484906
Ion Ratio Lower Upper
43 100
70 43.3 30.1 45.1
55 23.1 17.0 25.4
61 24.7 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 48.738 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN081064.D

Acq: 16 Feb 2024 19:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

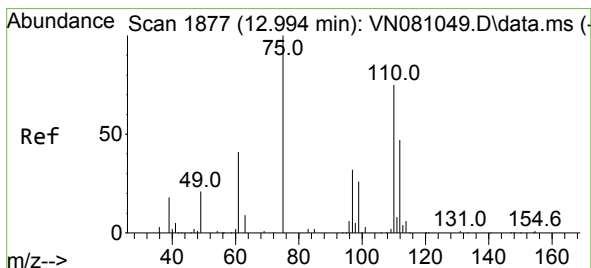
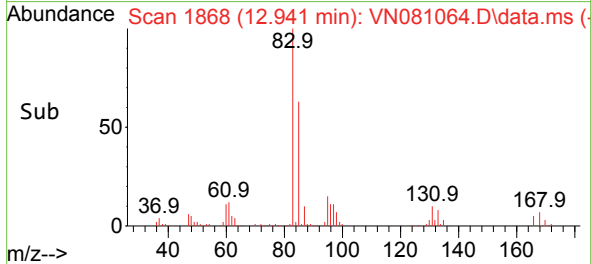
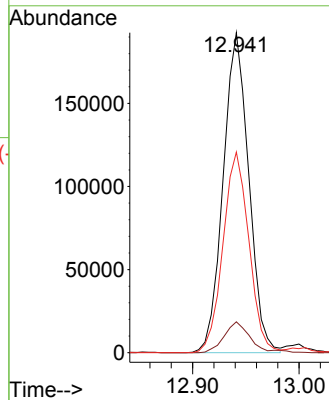
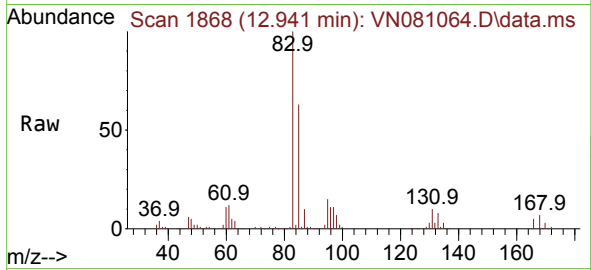
Tgt Ion: 83 Resp: 321507

Ion Ratio Lower Upper

83 100

131 9.9 4.1 12.3

85 63.5 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 69.513 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN081064.D

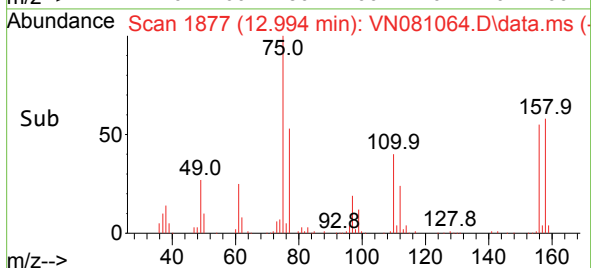
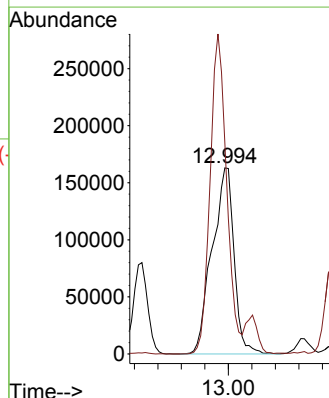
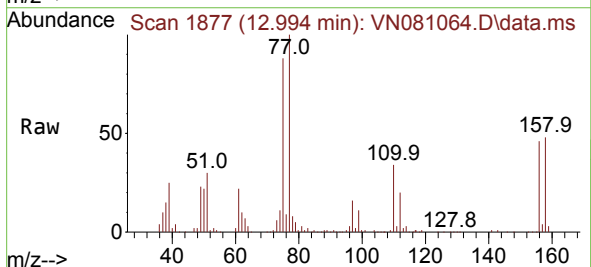
Acq: 16 Feb 2024 19:42

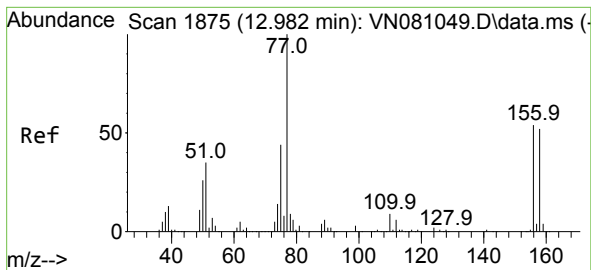
Tgt Ion: 75 Resp: 423483

Ion Ratio Lower Upper

75 100

77 130.3 91.0 272.8





#77

Bromobenzene

Concen: 47.685 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN081064.D

Acq: 16 Feb 2024 19:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

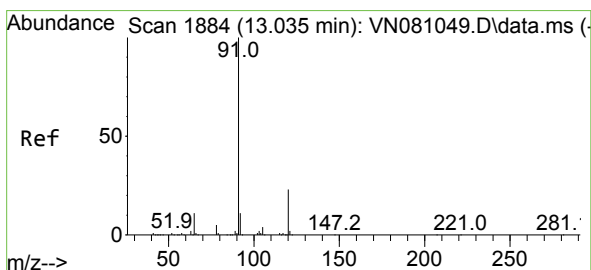
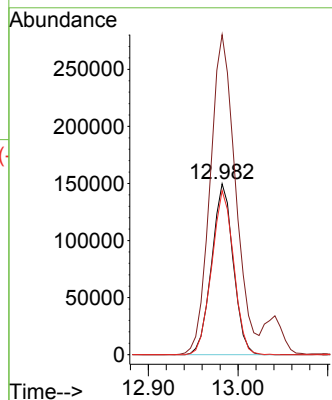
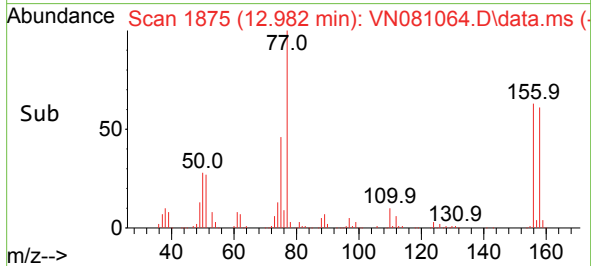
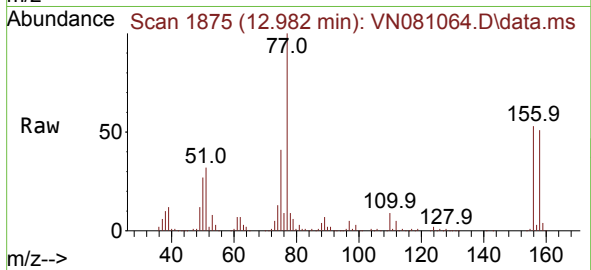
Tgt Ion:156 Resp: 249432

Ion Ratio Lower Upper

156 100

77 221.2 138.1 414.3

158 97.8 46.5 139.5



#78

n-propylbenzene

Concen: 48.964 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VN081064.D

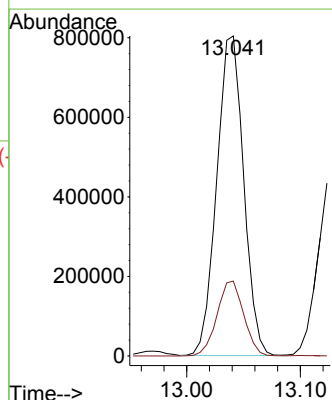
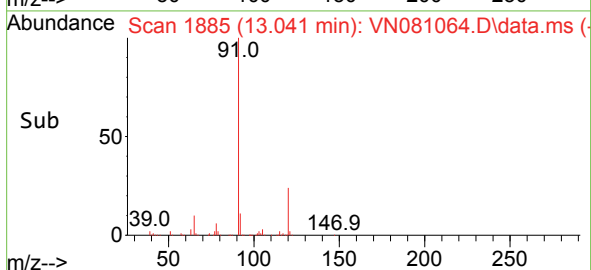
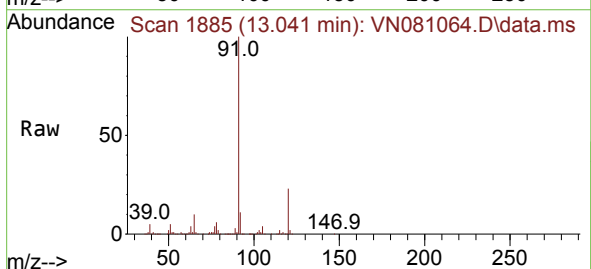
Acq: 16 Feb 2024 19:42

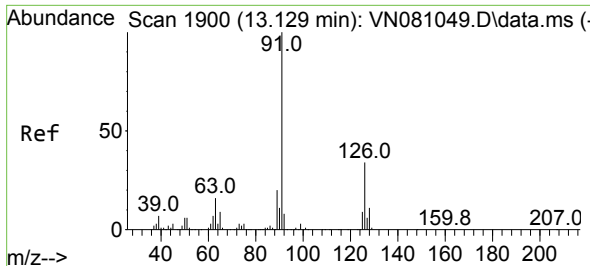
Tgt Ion: 91 Resp: 1322344

Ion Ratio Lower Upper

91 100

120 23.3 10.3 30.9

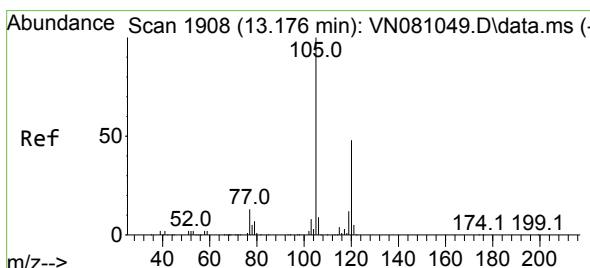
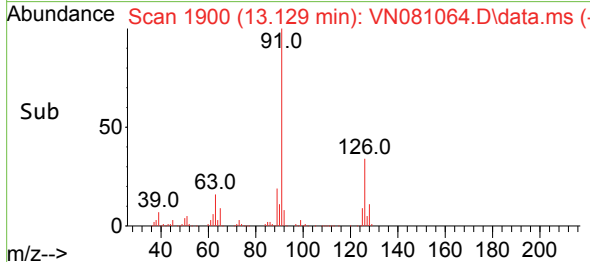
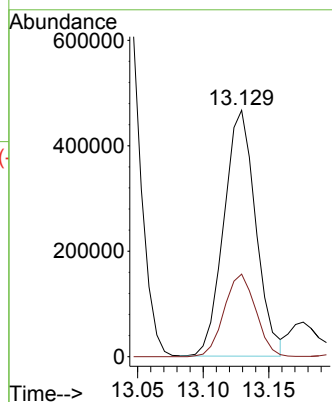
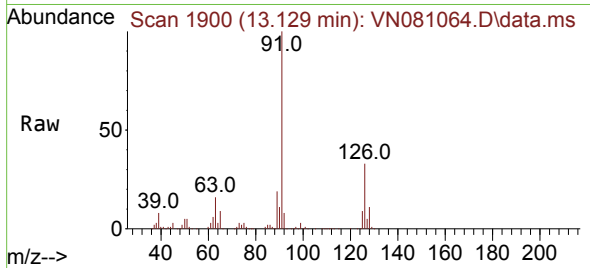




#79
2-Chlorotoluene
Concen: 47.785 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

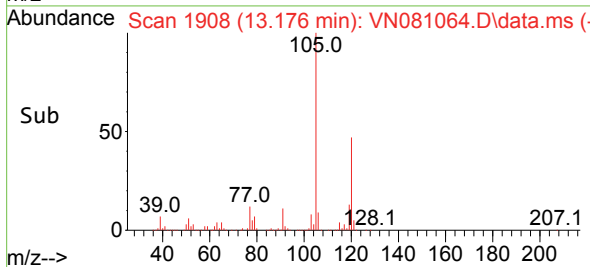
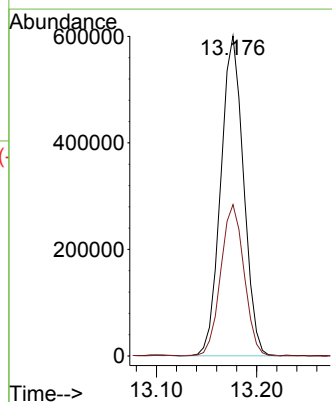
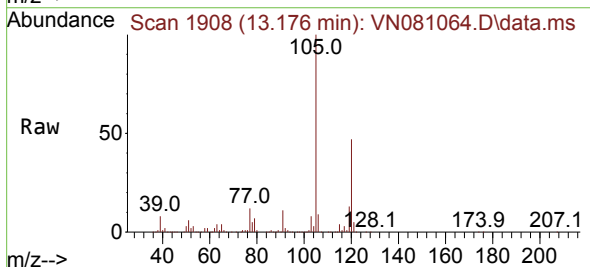
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

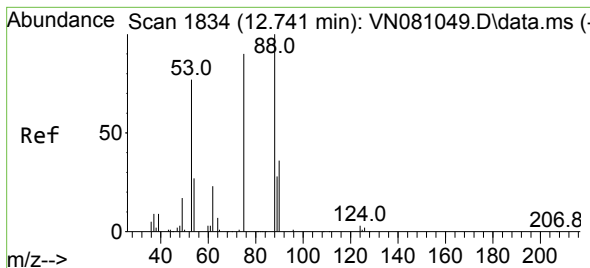
Tgt Ion: 91 Resp: 791553
Ion Ratio Lower Upper
91 100
126 33.2 14.8 44.4



#80
1,3,5-Trimethylbenzene
Concen: 49.748 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

Tgt Ion: 105 Resp: 946254
Ion Ratio Lower Upper
105 100
120 48.3 23.0 69.0

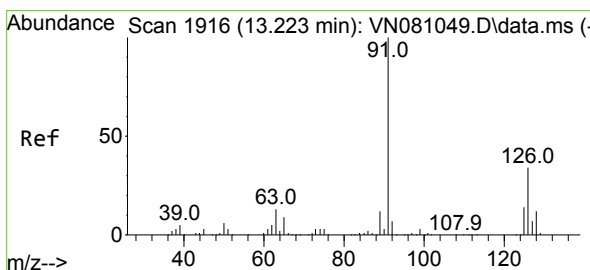
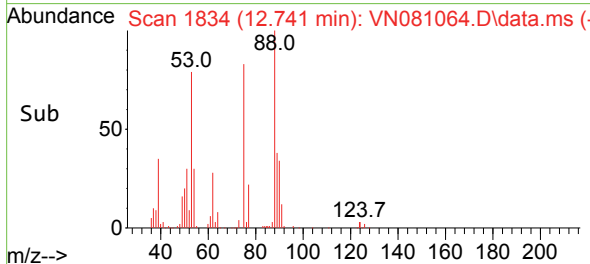
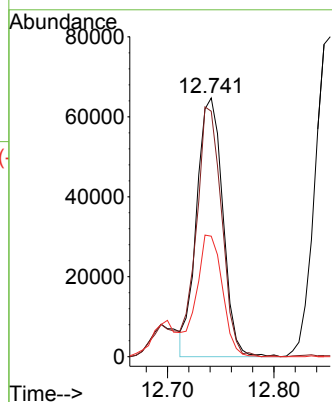
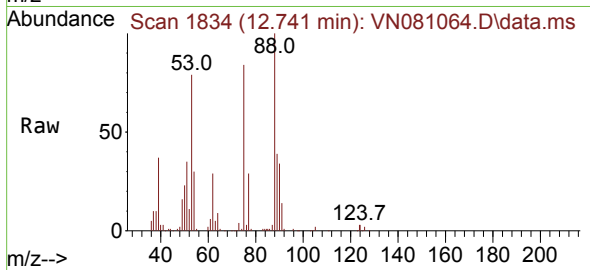




#81
trans-1,4-Dichloro-2-butene
Concen: 46.658 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

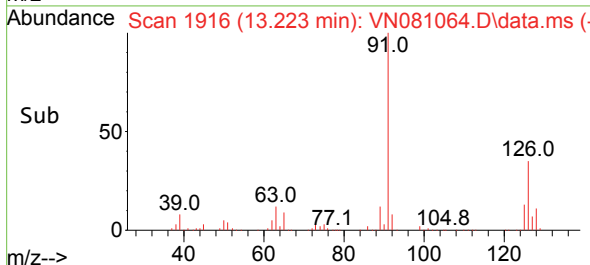
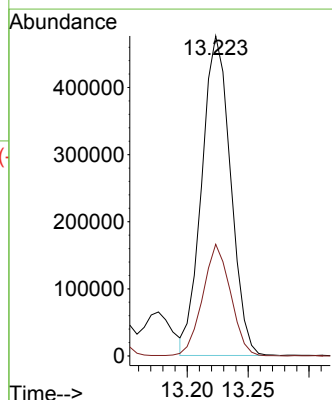
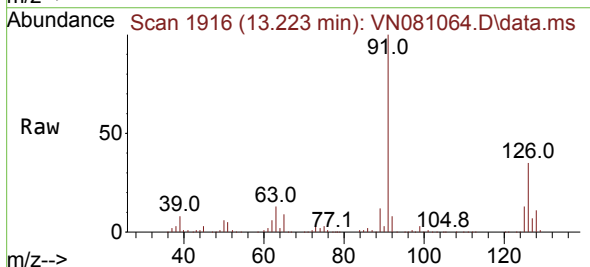
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

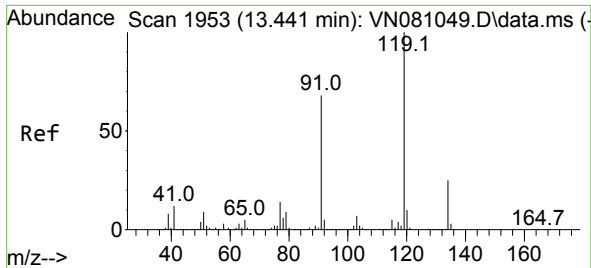
Tgt Ion: 75 Resp: 110433
Ion Ratio Lower Upper
75 100
53 92.8 71.4 107.2
89 46.9 33.4 50.0



#82
4-Chlorotoluene
Concen: 48.355 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

Tgt Ion: 91 Resp: 783204
Ion Ratio Lower Upper
91 100
126 33.9 15.3 45.9

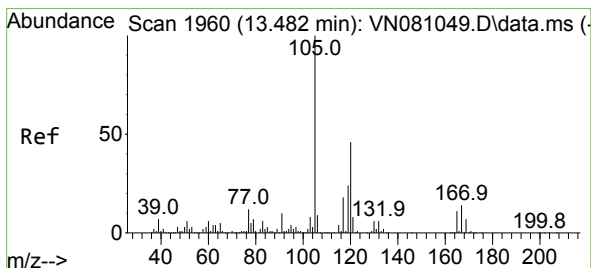
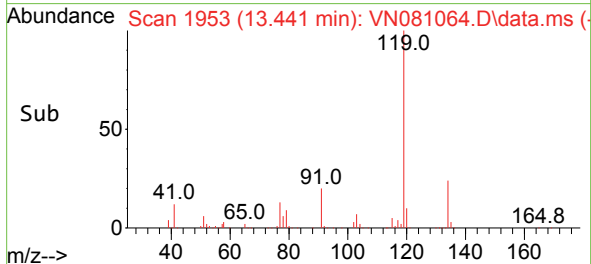
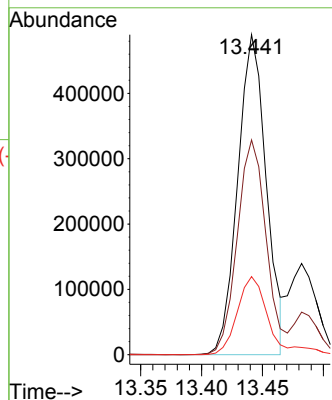
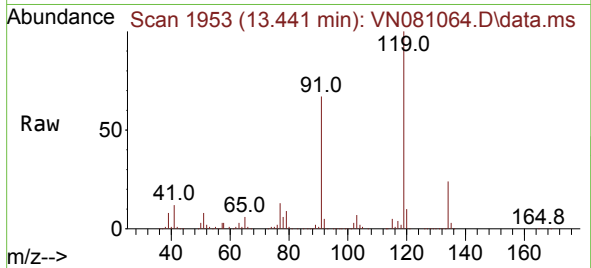




#83
tert-Butylbenzene
Concen: 48.529 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

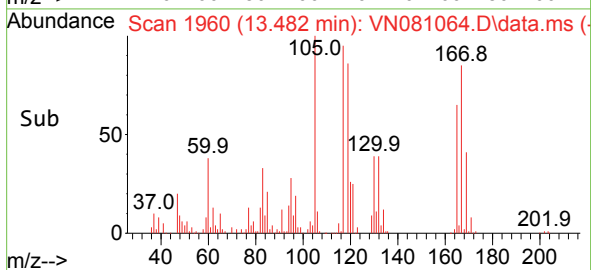
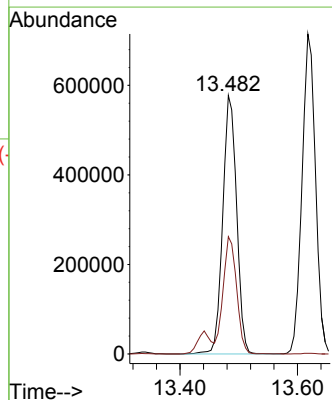
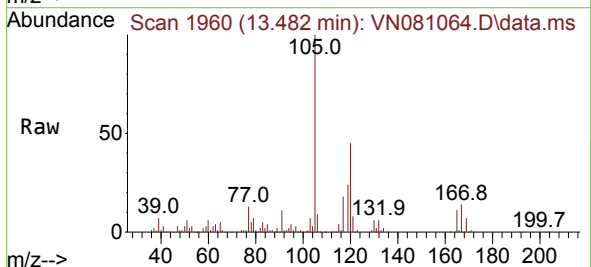
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

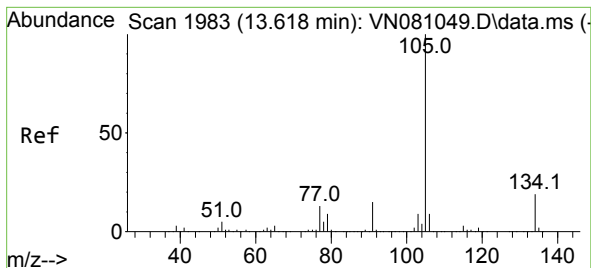
Tgt Ion:119 Resp: 798148
Ion Ratio Lower Upper
119 100
91 68.7 36.8 110.4
134 26.8 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 49.857 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

Tgt Ion:105 Resp: 944994
Ion Ratio Lower Upper
105 100
120 43.8 20.9 62.7





#85

sec-Butylbenzene

Concen: 49.811 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN081064.D

Acq: 16 Feb 2024 19:42

Instrument :

MSVOA_N

ClientSampleId :

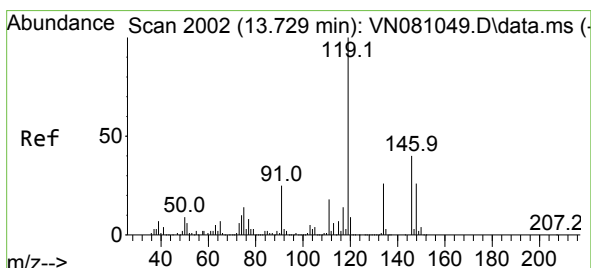
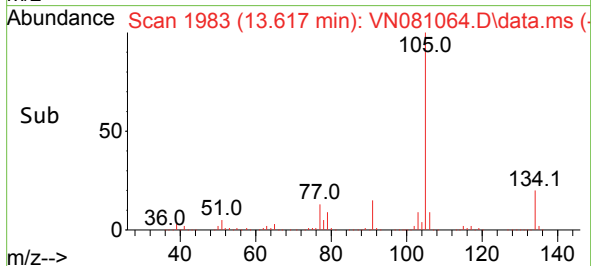
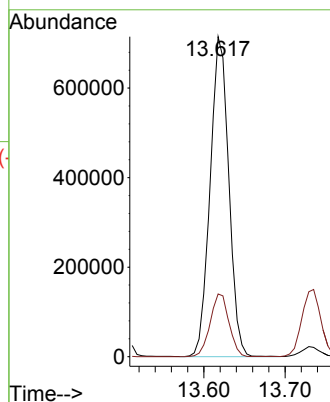
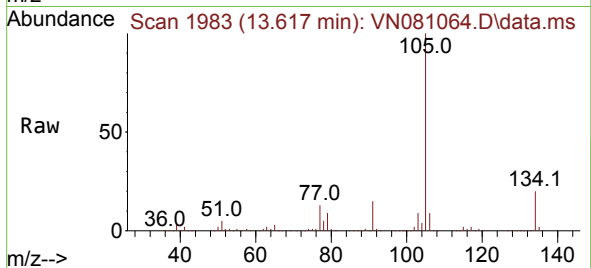
VSTDCCC050EC

Tgt Ion:105 Resp: 1138908

Ion Ratio Lower Upper

105 100

134 19.8 8.6 25.8



#86

p-Isopropyltoluene

Concen: 49.424 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN081064.D

Acq: 16 Feb 2024 19:42

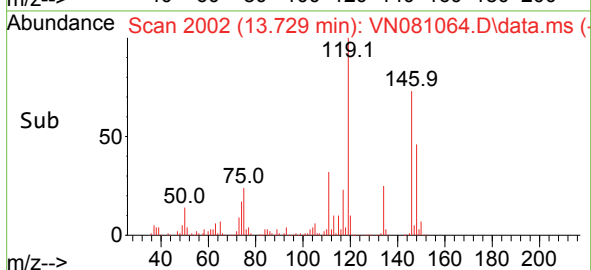
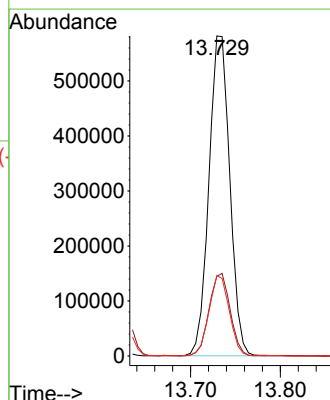
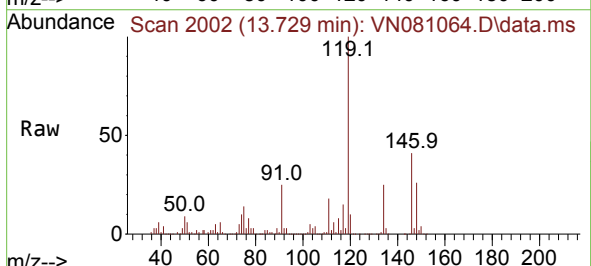
Tgt Ion:119 Resp: 938638

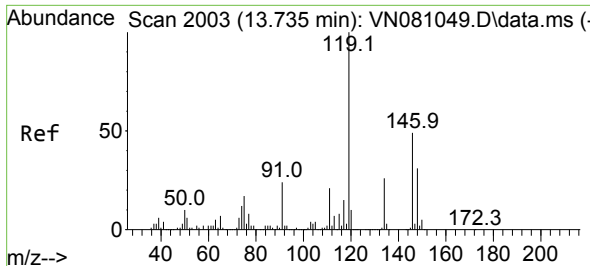
Ion Ratio Lower Upper

119 100

134 26.0 12.4 37.2

91 24.5 13.5 40.4

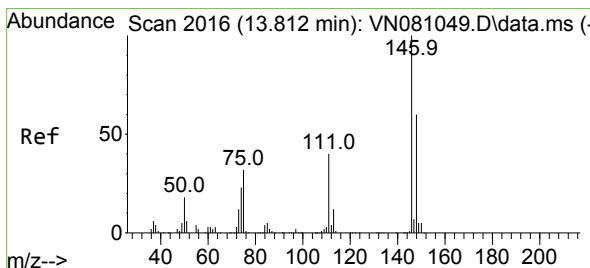
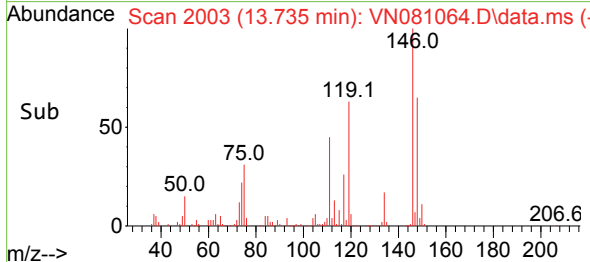
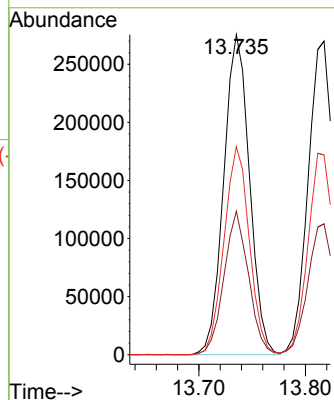
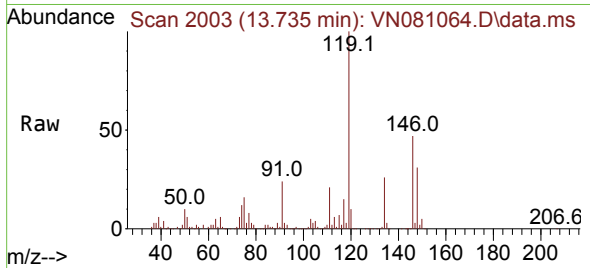




#87
1,3-Dichlorobenzene
Concen: 46.834 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

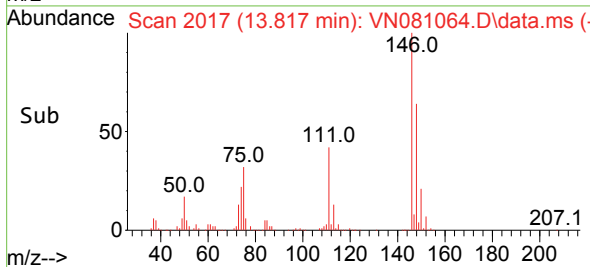
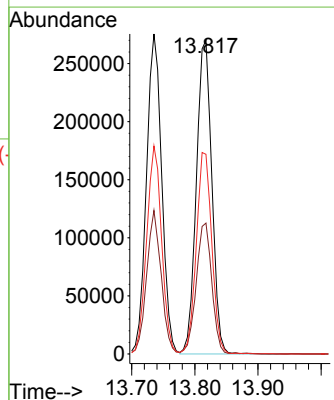
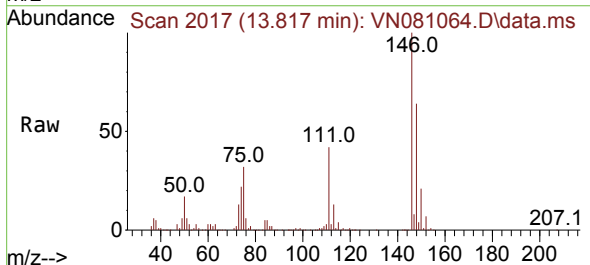
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

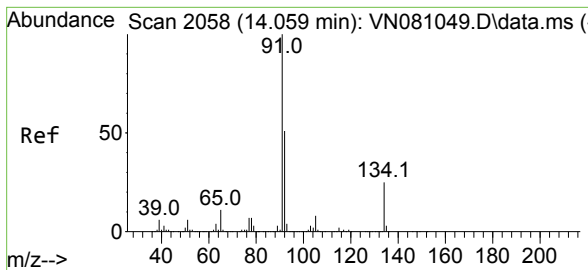
Tgt Ion:146 Resp: 462883
Ion Ratio Lower Upper
146 100
111 42.9 23.9 71.7
148 64.0 32.6 97.7



#88
1,4-Dichlorobenzene
Concen: 47.289 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

Tgt Ion:146 Resp: 459253
Ion Ratio Lower Upper
146 100
111 41.8 22.6 67.7
148 64.3 31.9 95.5





#89

n-Butylbenzene

Concen: 48.535 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN081064.D

Acq: 16 Feb 2024 19:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

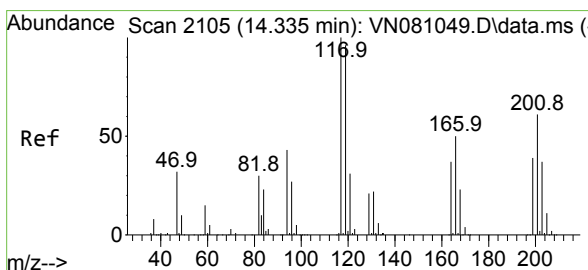
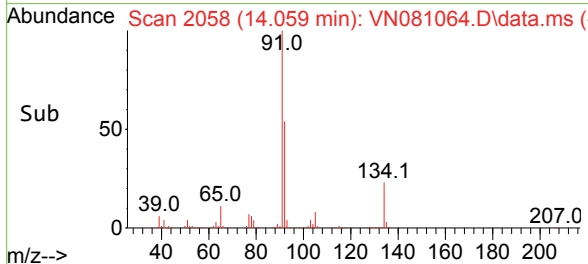
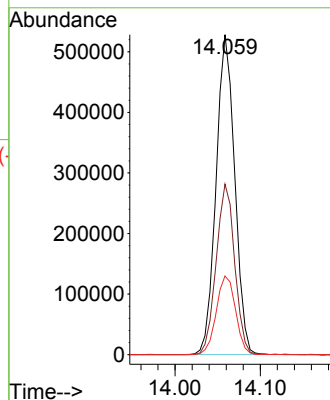
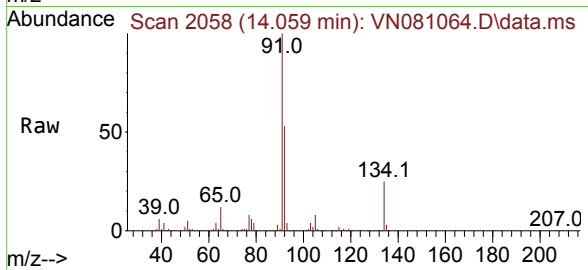
Tgt Ion: 91 Resp: 803040

Ion Ratio Lower Upper

91 100

92 52.9 26.7 80.1

134 25.5 10.8 32.4



#90

Hexachloroethane

Concen: 49.402 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN081064.D

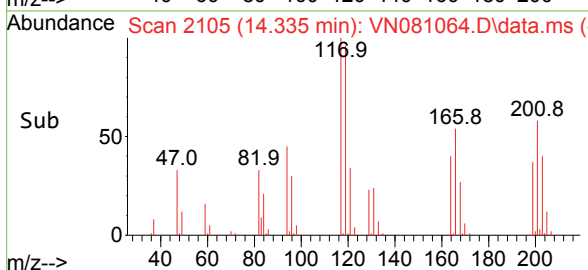
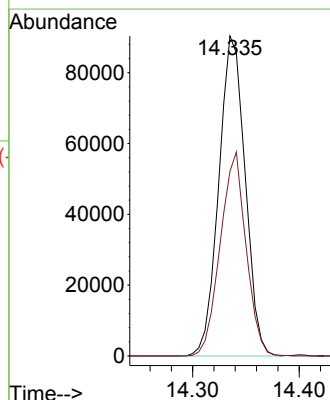
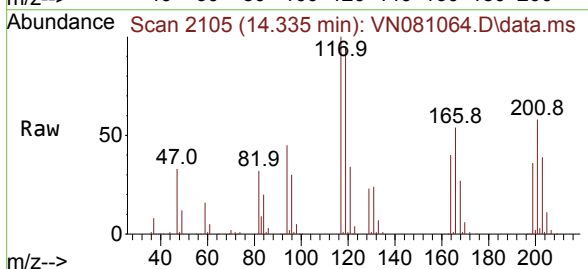
Acq: 16 Feb 2024 19:42

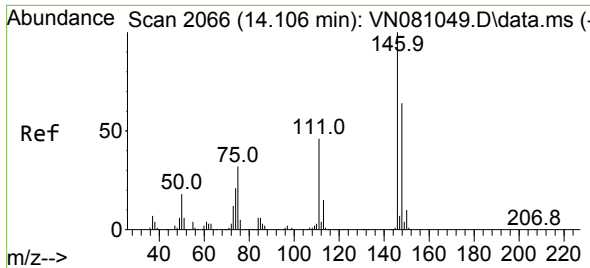
Tgt Ion: 117 Resp: 155084

Ion Ratio Lower Upper

117 100

201 62.5 30.0 90.0

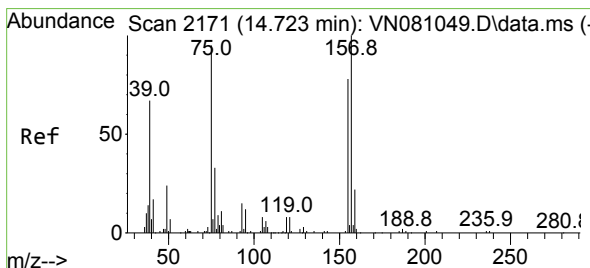
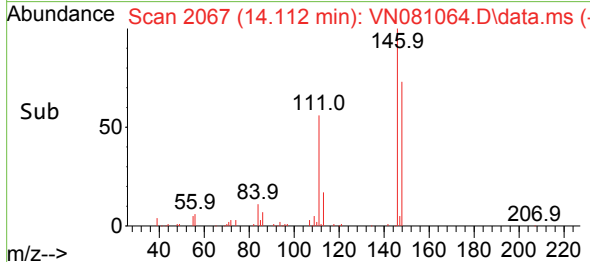
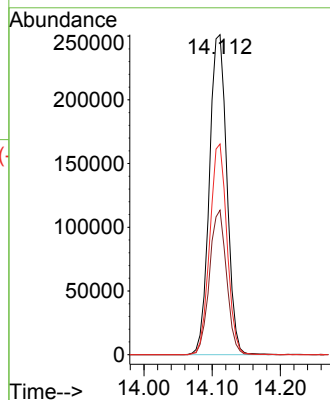
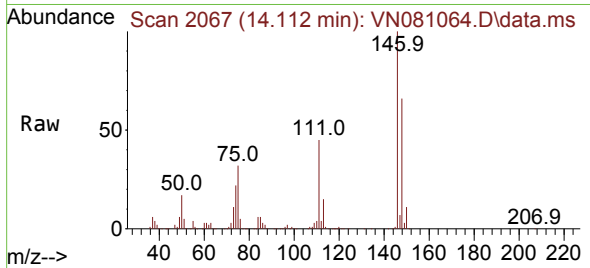




#91
1,2-Dichlorobenzene
Concen: 46.912 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.006 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

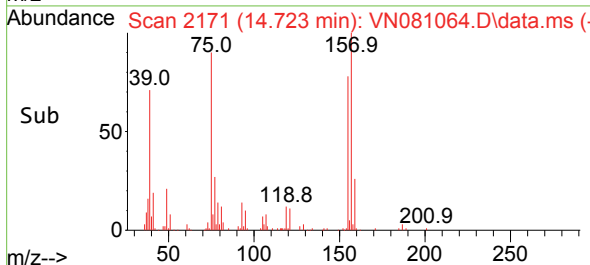
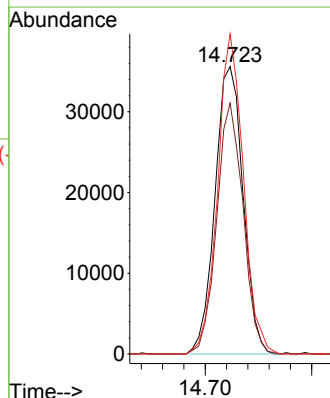
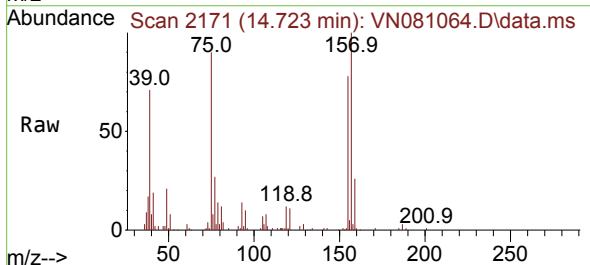
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

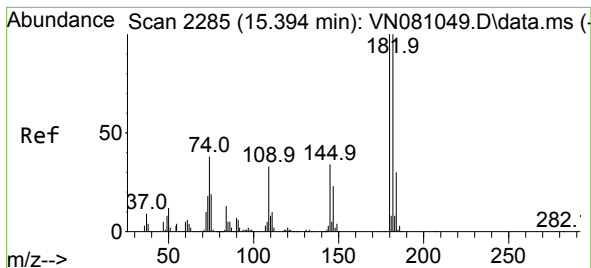
Tgt Ion:146 Resp: 447179
Ion Ratio Lower Upper
146 100
111 44.4 23.9 71.8
148 64.8 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.441 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN081064.D
Acq: 16 Feb 2024 19:42

Tgt Ion: 75 Resp: 65065
Ion Ratio Lower Upper
75 100
155 82.0 31.8 95.4
157 102.1 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 47.949 ug/l

RT: 15.400 min Scan# 2286

Delta R.T. 0.006 min

Lab File: VN081064.D

Acq: 16 Feb 2024 19:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

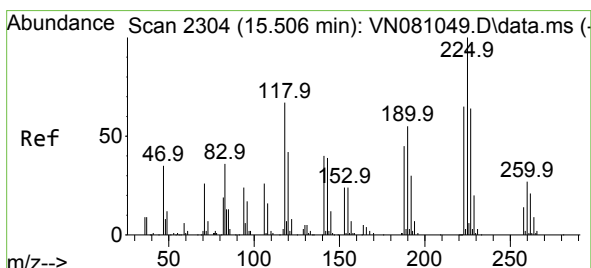
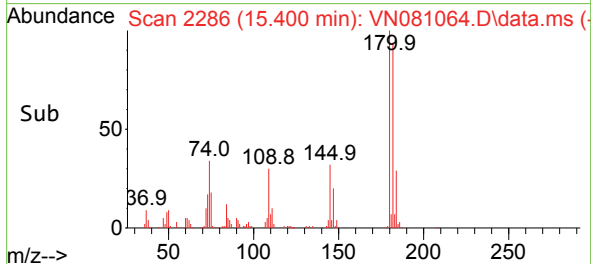
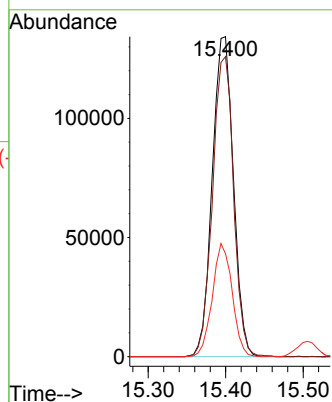
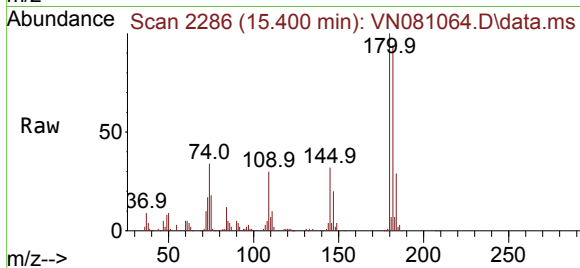
Tgt Ion:180 Resp: 254996

Ion Ratio Lower Upper

180 100

182 93.4 46.6 139.7

145 33.3 16.8 50.3



#94

Hexachlorobutadiene

Concen: 44.880 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN081064.D

Acq: 16 Feb 2024 19:42

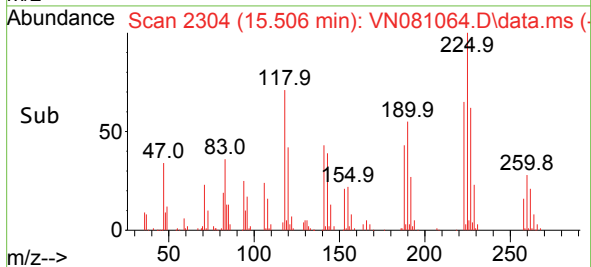
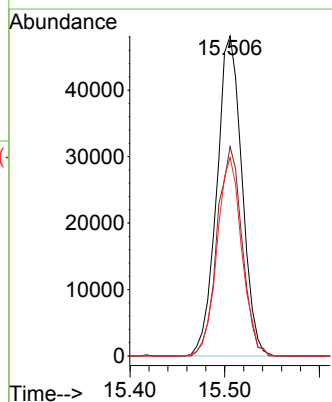
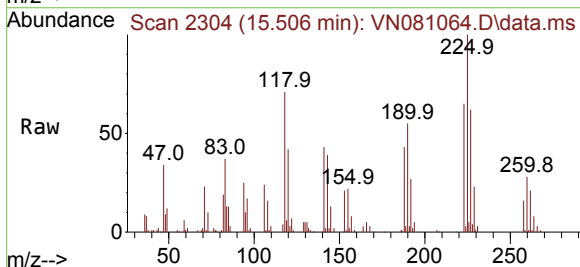
Tgt Ion:225 Resp: 89012

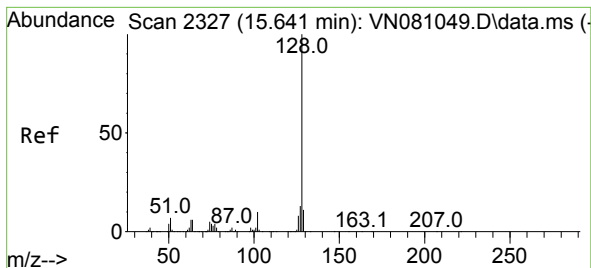
Ion Ratio Lower Upper

225 100

223 64.8 33.3 99.8

227 61.2 33.1 99.2





#95

Naphthalene

Concen: 47.684 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN081064.D

Acq: 16 Feb 2024 19:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

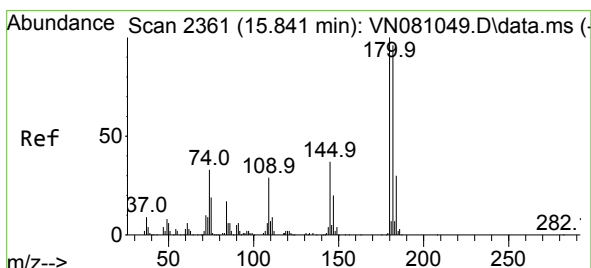
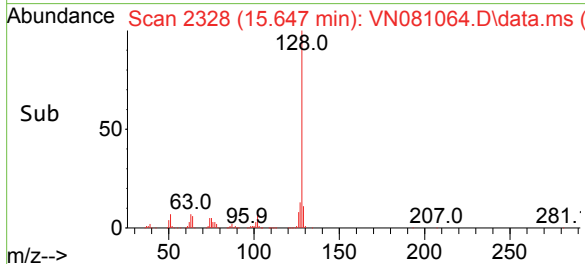
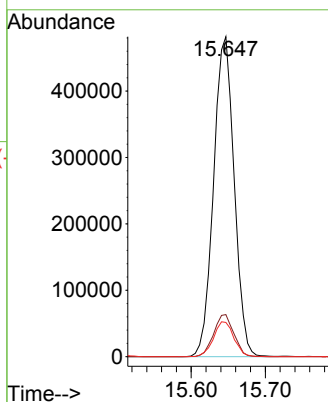
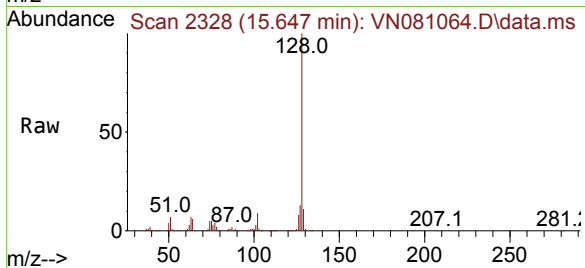
Tgt Ion:128 Resp: 929275

Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 47.561 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN081064.D

Acq: 16 Feb 2024 19:42

Tgt Ion:180 Resp: 250915

Ion Ratio Lower Upper

180 100

182 95.6 46.5 139.3

145 34.6 17.8 53.4

