

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022724\
 Data File : VN081208.D
 Acq On : 27 Feb 2024 10:18
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 28 04:12:18 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	300621	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	549220	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	501298	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	236200	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	193051	52.392	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.780%	
35) Dibromofluoromethane	8.165	113	167799	54.030	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.060%	
50) Toluene-d8	10.571	98	543078	49.234	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.460%	
62) 4-Bromofluorobenzene	12.853	95	218706	52.767	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.540%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	195003	50.159	ug/l	94
3) Chloromethane	2.365	50	194113	45.654	ug/l	97
4) Vinyl Chloride	2.518	62	213005	49.325	ug/l	95
5) Bromomethane	2.954	94	133283	43.454	ug/l	92
6) Chloroethane	3.124	64	147329	52.816	ug/l	93
7) Trichlorofluoromethane	3.501	101	325153	51.540	ug/l	96
8) Diethyl Ether	3.965	74	121290	52.586	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.383	101	185492	52.743	ug/l	94
10) Methyl Iodide	4.589	142	182134	46.396	ug/l	98
11) Tert butyl alcohol	5.518	59	160279	236.523	ug/l	100
12) 1,1-Dichloroethene	4.342	96	165679	48.734	ug/l	86
13) Acrolein	4.177	56	118004	324.899	ug/l	100
14) Allyl chloride	5.024	41	255051	50.563	ug/l #	89
15) Acrylonitrile	5.712	53	493139	278.643	ug/l	98
16) Acetone	4.424	43	343395	236.844	ug/l	95
17) Carbon Disulfide	4.712	76	424793	44.798	ug/l	97
18) Methyl Acetate	5.018	43	229972	65.021	ug/l	92
19) Methyl tert-butyl Ether	5.795	73	634170	54.465	ug/l	97
20) Methylene Chloride	5.277	84	205476	54.872	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	189637	49.997	ug/l	92
22) Diisopropyl ether	6.671	45	633453	55.359	ug/l #	92
23) Vinyl Acetate	6.606	43	2519113	271.345	ug/l #	94
24) 1,1-Dichloroethane	6.571	63	356925	53.947	ug/l	97
25) 2-Butanone	7.483	43	616700	263.286	ug/l	94
26) 2,2-Dichloropropane	7.494	77	319782	51.583	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	230043	52.201	ug/l	89
28) Bromochloromethane	7.812	49	166795	60.809	ug/l #	68
29) Tetrahydrofuran	7.836	42	423403	270.786	ug/l #	87
30) Chloroform	7.965	83	393023	55.878	ug/l	98
31) Cyclohexane	8.259	56	302986	47.621	ug/l #	82
32) 1,1,1-Trichloroethane	8.171	97	332165	51.854	ug/l	95
36) 1,1-Dichloropropene	8.371	75	268547	50.472	ug/l	96
37) Ethyl Acetate	7.559	43	258851	53.905	ug/l	98
38) Carbon Tetrachloride	8.365	117	291171	54.090	ug/l	98
39) Methylcyclohexane	9.600	83	316221	50.983	ug/l	90
40) Benzene	8.606	78	824187	53.516	ug/l	97

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Instrument :
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 ClientSampleId :
 VSTDC0050

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	148317	54.271	ug/l	95
42) 1,2-Dichloroethane	8.671	62	298231	55.505	ug/l	100
43) Isopropyl Acetate	8.689	43	453282	53.973	ug/l #	95
44) Trichloroethene	9.353	130	207617	50.615	ug/l	100
45) 1,2-Dichloropropane	9.624	63	214180	55.596	ug/l	97
46) Dibromomethane	9.712	93	153353	54.634	ug/l	91
47) Bromodichloromethane	9.888	83	308134	57.962	ug/l #	96
48) Methyl methacrylate	9.683	41	209948	53.725	ug/l	90
49) 1,4-Dioxane	9.700	88	84841	1187.276	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	1379088	285.458	ug/l	94
52) Toluene	10.630	92	526889	54.041	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	332624	56.304	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	349744	54.796	ug/l	90
55) 1,1,2-Trichloroethane	11.018	97	213101	56.828	ug/l	94
56) Ethyl methacrylate	10.877	69	321131	56.033	ug/l	87
57) 1,3-Dichloropropane	11.165	76	364695	56.246	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	786896	273.649	ug/l #	89
59) 2-Hexanone	11.194	43	1030097	268.945	ug/l	96
60) Dibromochloromethane	11.365	129	225328	56.562	ug/l	99
61) 1,2-Dibromoethane	11.471	107	219293	55.611	ug/l	98
64) Tetrachloroethene	11.106	164	195770	57.220	ug/l	89
65) Chlorobenzene	11.894	112	562095	51.808	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	215928	55.410	ug/l	97
67) Ethyl Benzene	11.965	91	1018804	52.477	ug/l	98
68) m/p-Xylenes	12.077	106	771332	103.652	ug/l	99
69) o-Xylene	12.400	106	377660	51.198	ug/l	97
70) Styrene	12.412	104	642984	55.008	ug/l	96
71) Bromoform	12.576	173	144640	58.503	ug/l #	96
73) Isopropylbenzene	12.700	105	1006796	48.718	ug/l	97
74) N-amyl acetate	12.494	43	415357	47.555	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	290389	49.972	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	393381	73.301	ug/l	62
77) Bromobenzene	12.982	156	222900	48.373	ug/l	79
78) n-propylbenzene	13.035	91	1204198	50.617	ug/l	96
79) 2-Chlorotoluene	13.129	91	712016	48.794	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	848477	50.638	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	102814	49.311	ug/l #	84
82) 4-Chlorotoluene	13.224	91	699561	49.030	ug/l	95
83) tert-Butylbenzene	13.441	119	709631	48.979	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	853790	51.135	ug/l	95
85) sec-Butylbenzene	13.618	105	1056335	52.445	ug/l	94
86) p-Isopropyltoluene	13.729	119	870861	52.054	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	419276	48.157	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	426033	49.799	ug/l	97
89) n-Butylbenzene	14.059	91	779035	53.449	ug/l	97
90) Hexachloroethane	14.335	117	145782	52.716	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	405472	48.287	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	58659	48.552	ug/l	78
93) 1,2,4-Trichlorobenzene	15.394	180	236108	50.399	ug/l	99
94) Hexachlorobutadiene	15.506	225	84764	48.515	ug/l	98
95) Naphthalene	15.641	128	837531	48.786	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	229704	49.426	ug/l	98

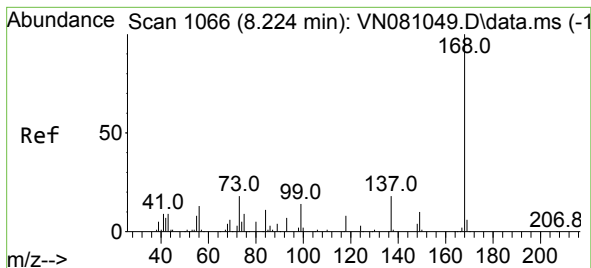
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022724\
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Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 10

Delta R.T. -0.000 min

Lab File: VN081208.D

Acq: 27 Feb 2024 10:18

Instrument :

MSVOA_N

ClientSampleId :

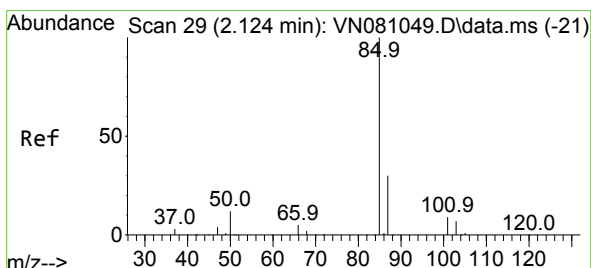
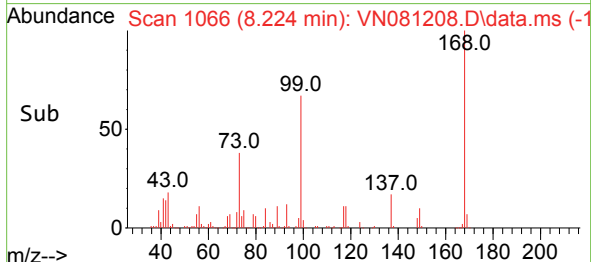
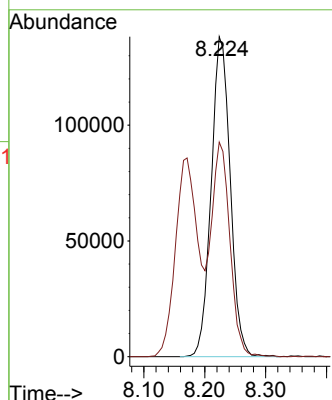
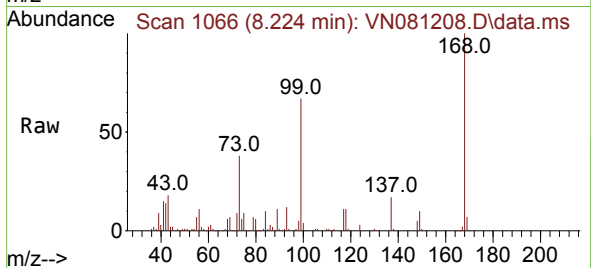
VSTDCCC050

Tgt Ion:168 Resp: 300621

Ion Ratio Lower Upper

168 100

99 67.0 59.9 89.9



#2

Dichlorodifluoromethane

Concen: 50.159 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN081208.D

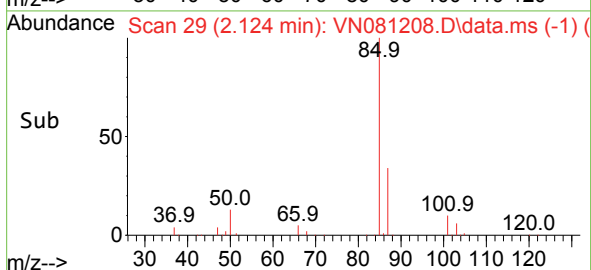
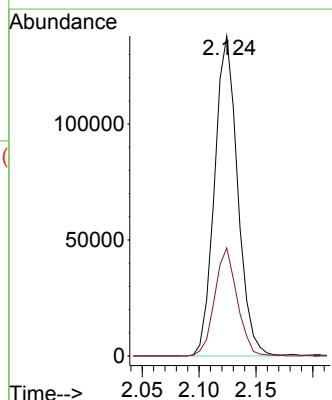
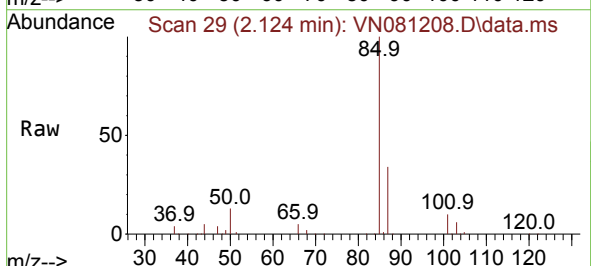
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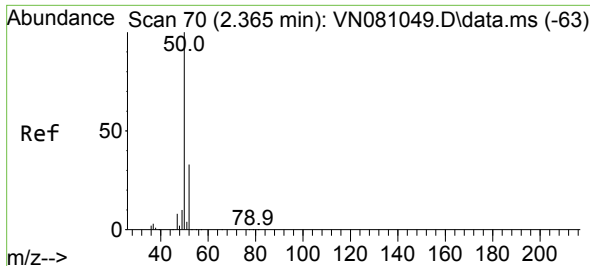
Tgt Ion: 85 Resp: 195003

Ion Ratio Lower Upper

85 100

87 33.8 15.3 45.9

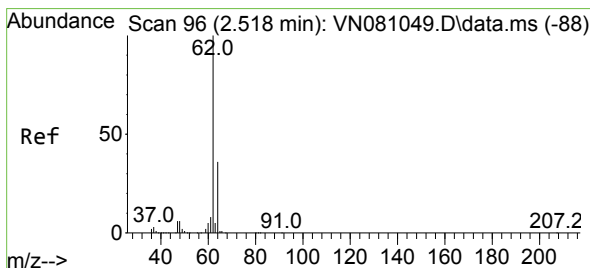
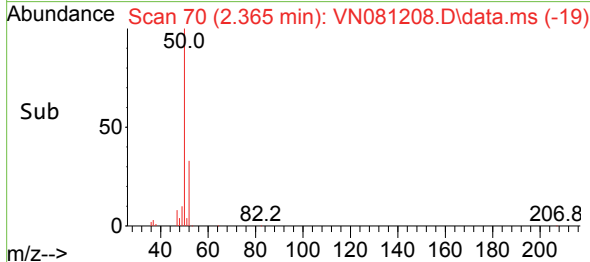
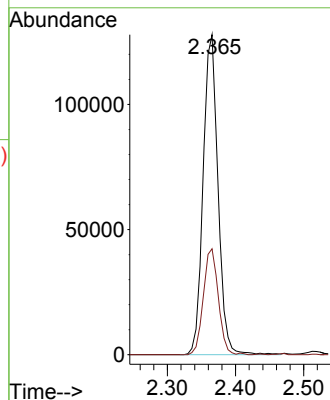
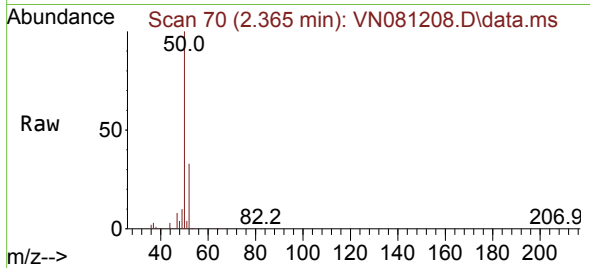




#3
Chloromethane
Concen: 45.654 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

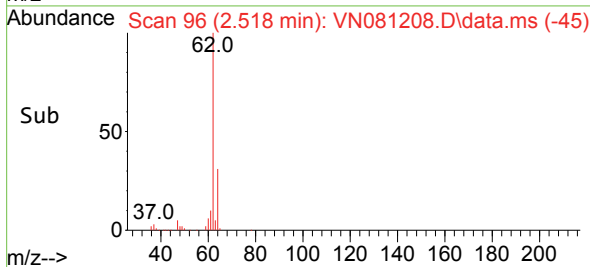
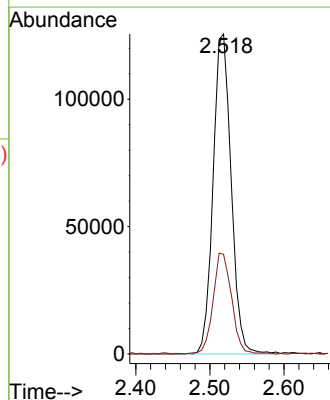
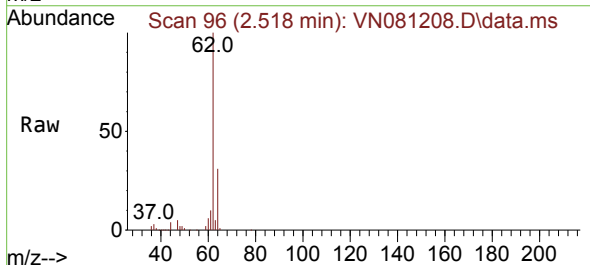
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

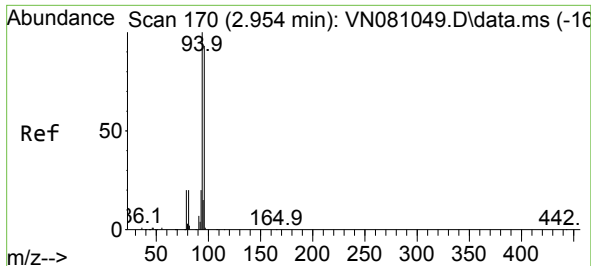
Tgt Ion: 50 Resp: 194113
Ion Ratio Lower Upper
50 100
52 33.1 25.0 37.4



#4
Vinyl Chloride
Concen: 49.325 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

Tgt Ion: 62 Resp: 213005
Ion Ratio Lower Upper
62 100
64 31.0 22.7 34.1

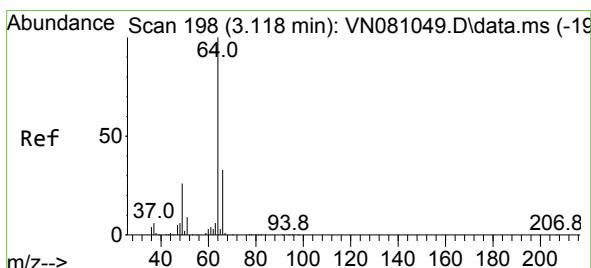
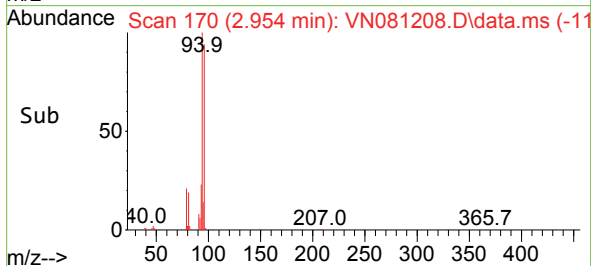
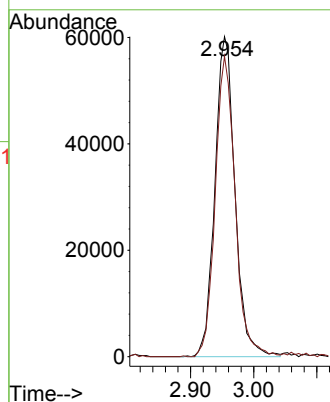
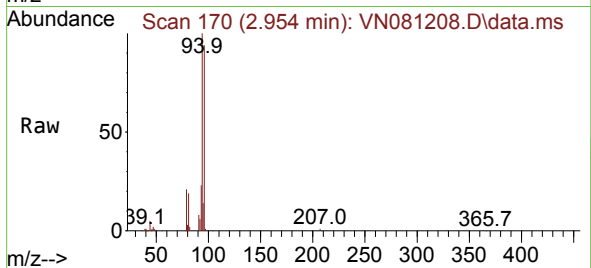




#5
Bromomethane
Concen: 43.454 ug/l
RT: 2.954 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

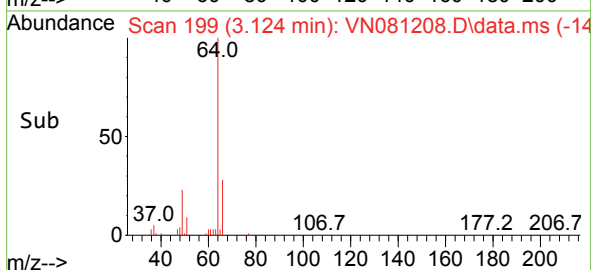
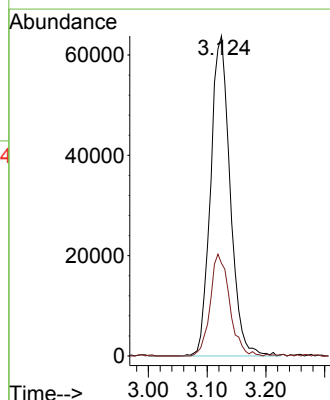
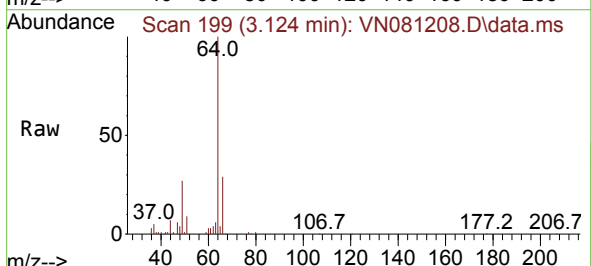
Instrument :
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ClientSampleId :
VSTDCCC050

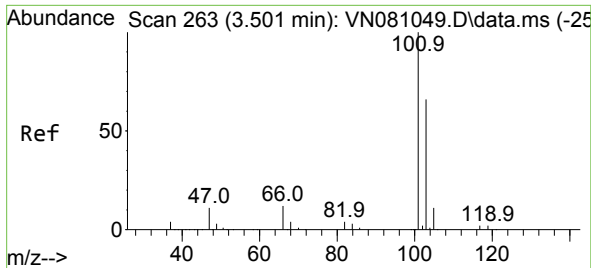
Tgt Ion: 94 Resp: 133283
Ion Ratio Lower Upper
94 100
96 93.8 69.2 103.8



#6
Chloroethane
Concen: 52.816 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

Tgt Ion: 64 Resp: 147329
Ion Ratio Lower Upper
64 100
66 28.9 26.4 39.6

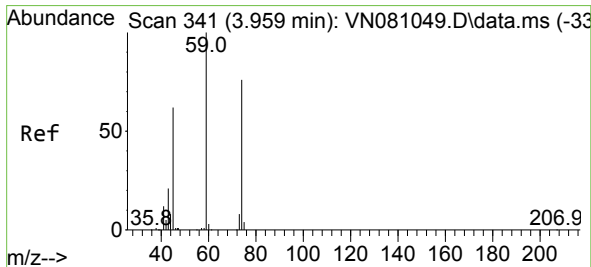
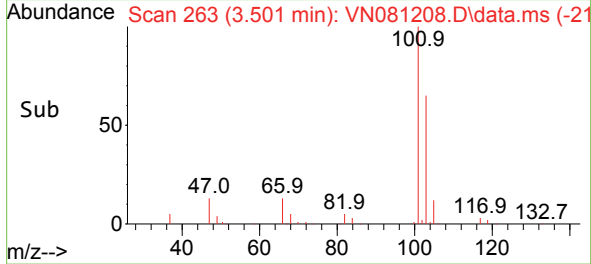
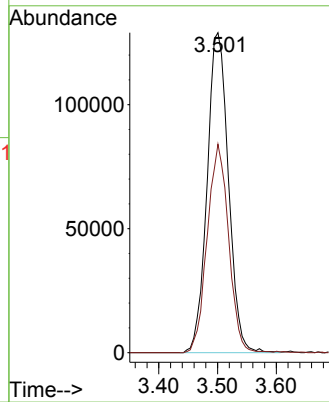
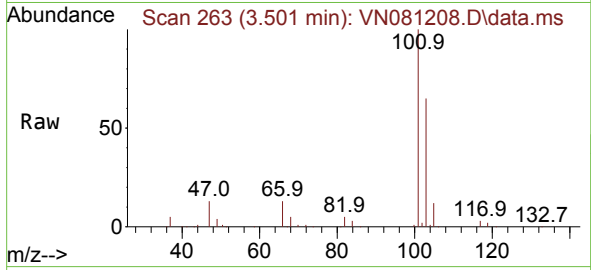




#7
 Trichlorofluoromethane
 Concen: 51.540 ug/l
 RT: 3.501 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN081208.D
 Acq: 27 Feb 2024 10:18

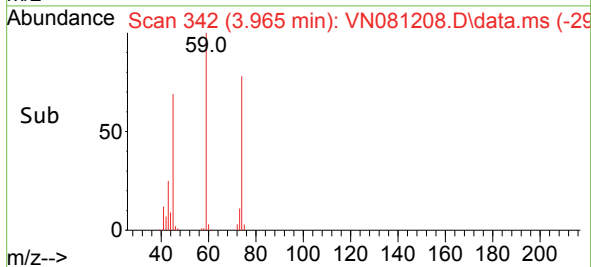
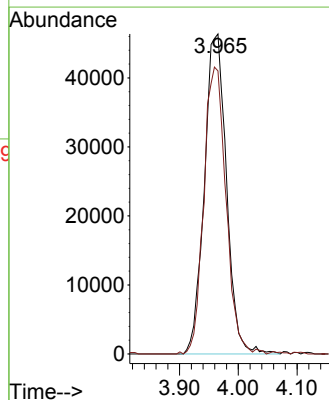
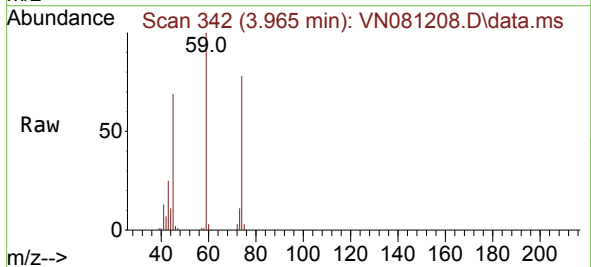
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

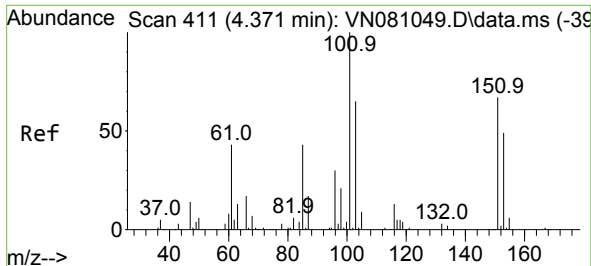
Tgt Ion:101 Resp: 325153
 Ion Ratio Lower Upper
 101 100
 103 65.2 54.4 81.6



#8
 Diethyl Ether
 Concen: 52.586 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN081208.D
 Acq: 27 Feb 2024 10:18

Tgt Ion: 74 Resp: 121290
 Ion Ratio Lower Upper
 74 100
 45 89.5 53.3 159.9

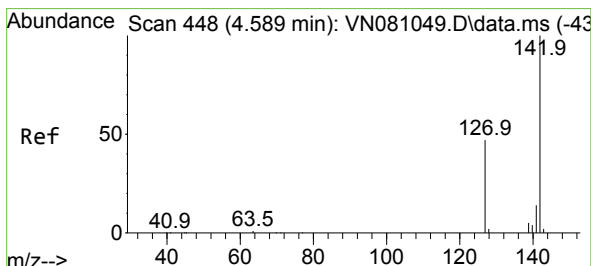
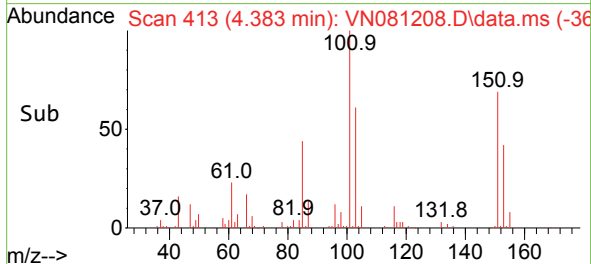
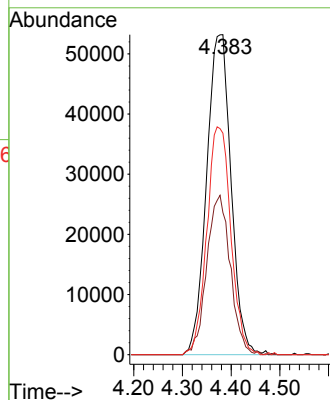
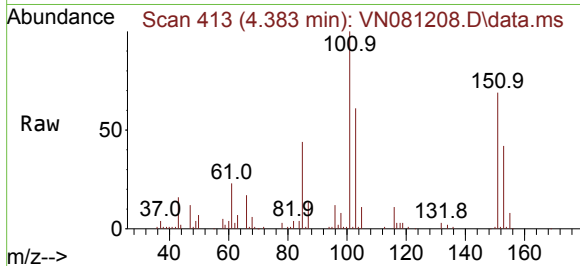




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.743 ug/l
RT: 4.383 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

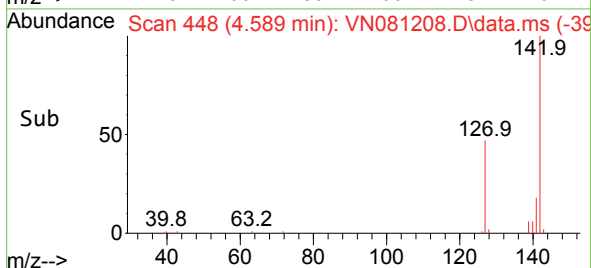
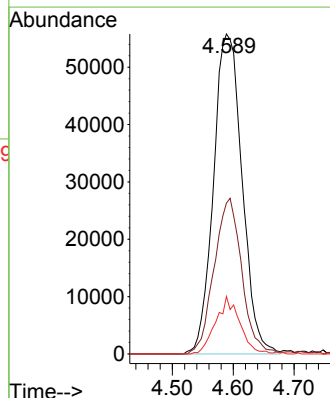
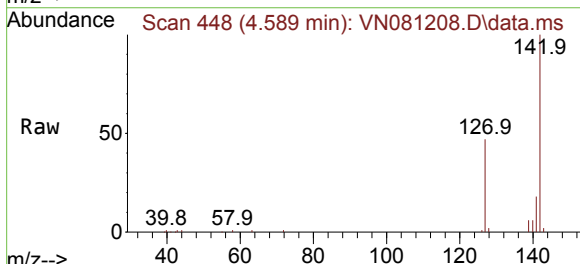
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

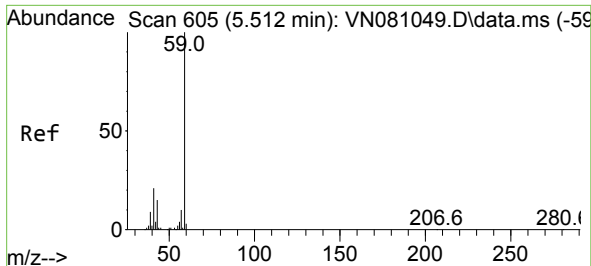
Tgt Ion:101 Resp: 185492
Ion Ratio Lower Upper
101 100
85 47.9 38.1 57.1
151 69.7 49.1 73.7



#10
Methyl Iodide
Concen: 46.396 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

Tgt Ion:142 Resp: 182134
Ion Ratio Lower Upper
142 100
127 47.1 37.0 55.4
141 18.0 12.5 18.7

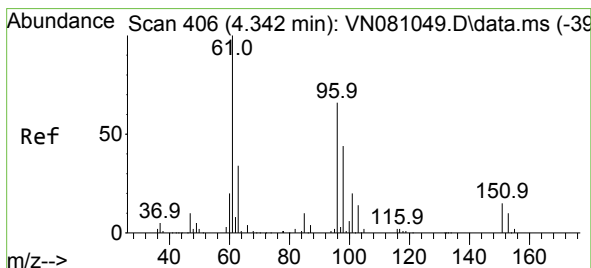
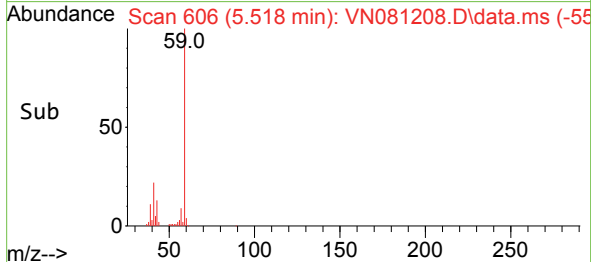
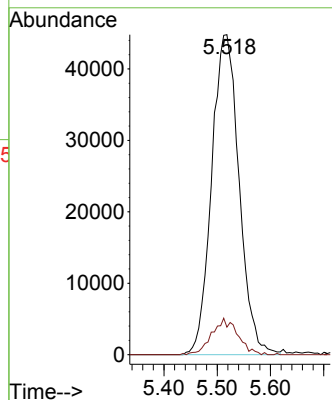
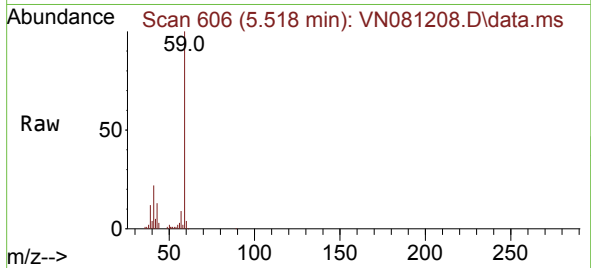




#11
Tert butyl alcohol
Concen: 236.523 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

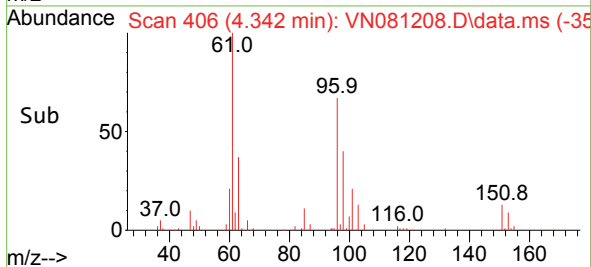
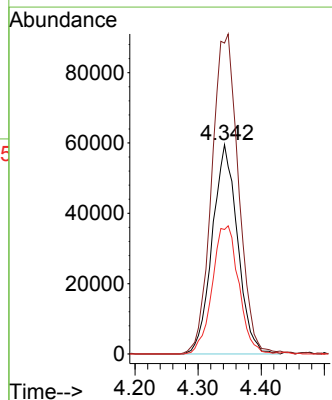
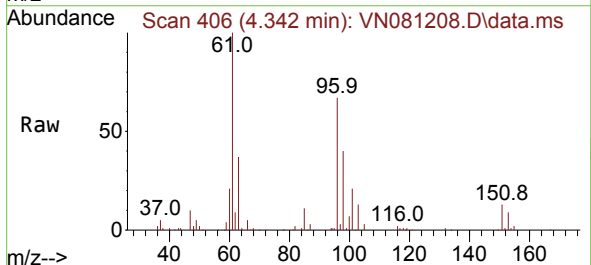
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

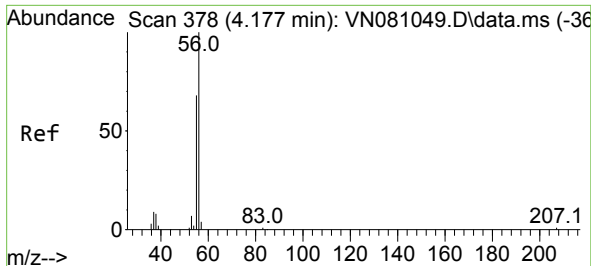
Tgt Ion: 59 Resp: 160279
Ion Ratio Lower Upper
59 100
57 10.8 8.6 12.8



#12
1,1-Dichloroethene
Concen: 48.734 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

Tgt Ion: 96 Resp: 165679
Ion Ratio Lower Upper
96 100
61 148.5 138.2 207.4
98 59.5 49.2 73.8

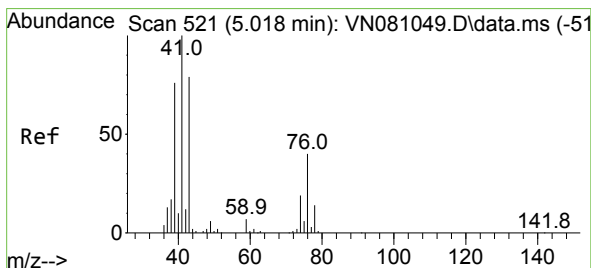
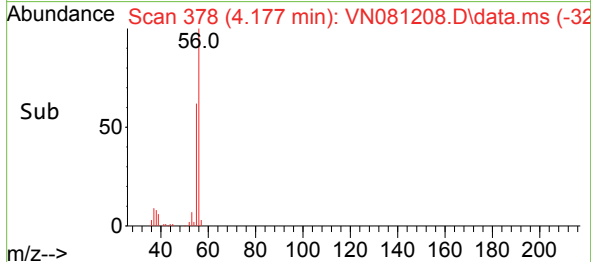
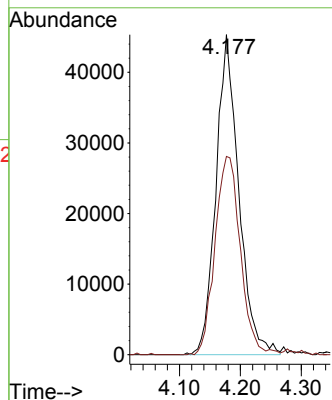
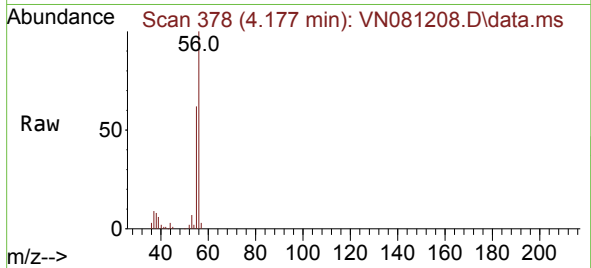




#13
Acrolein
Concen: 324.899 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

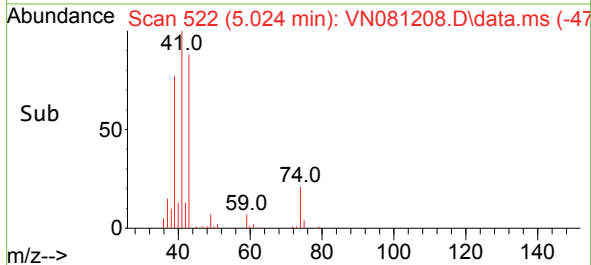
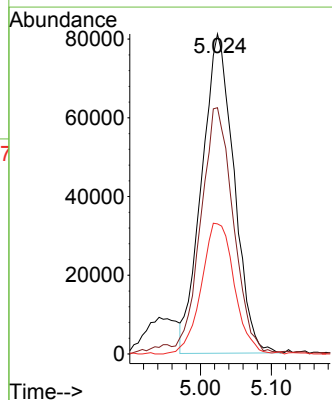
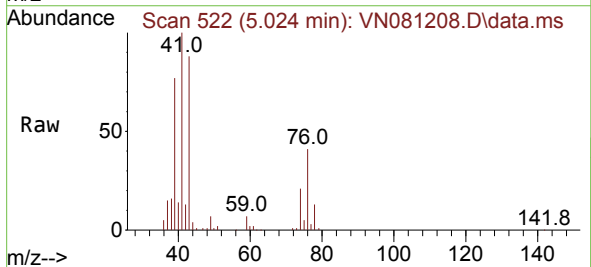
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

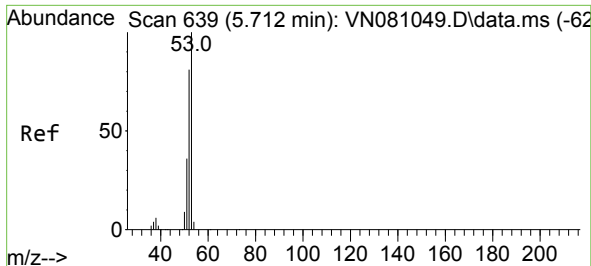
Tgt Ion: 56 Resp: 118004
Ion Ratio Lower Upper
56 100
55 68.7 55.3 82.9



#14
Allyl chloride
Concen: 50.563 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

Tgt Ion: 41 Resp: 255051
Ion Ratio Lower Upper
41 100
39 80.2 57.7 86.5
76 41.8 26.8 40.2#

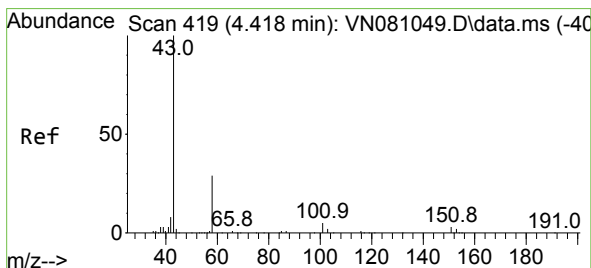
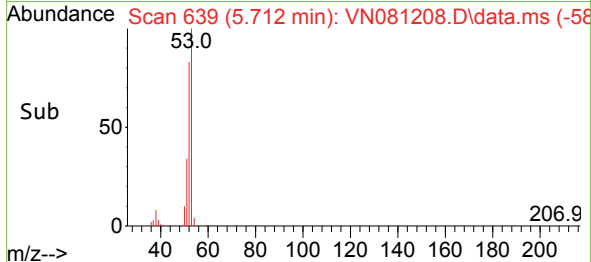
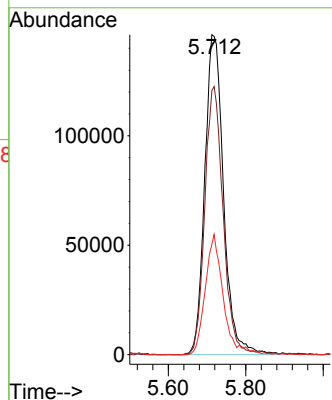
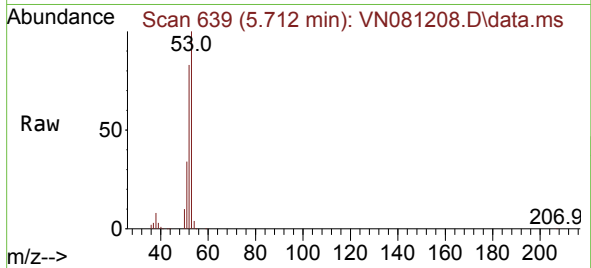




#15
Acrylonitrile
Concen: 278.643 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

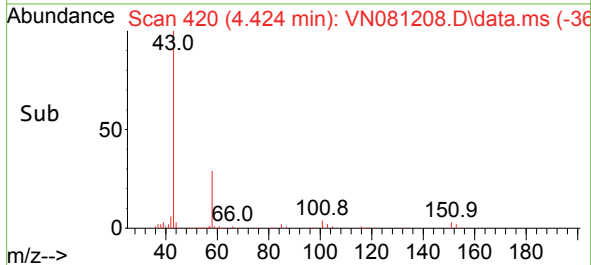
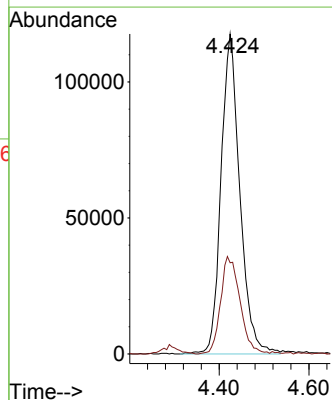
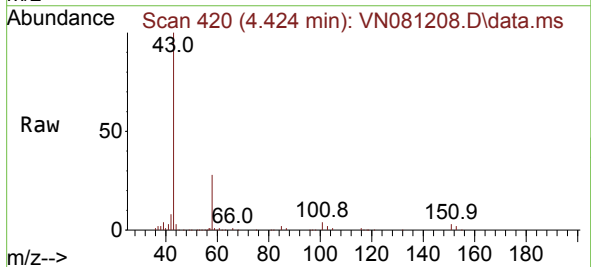
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

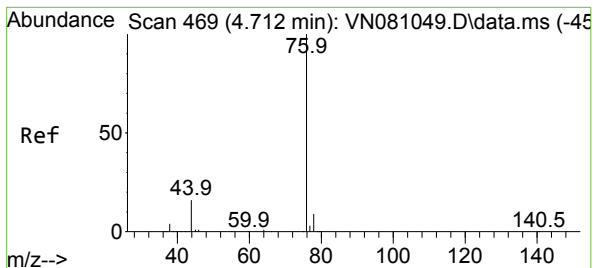
Tgt Ion: 53 Resp: 493139
Ion Ratio Lower Upper
53 100
52 81.5 64.8 97.2
51 35.8 26.9 40.3



#16
Acetone
Concen: 236.844 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

Tgt Ion: 43 Resp: 343395
Ion Ratio Lower Upper
43 100
58 28.3 24.8 37.2





#17

Carbon Disulfide

Concen: 44.798 ug/l

RT: 4.712 min Scan# 4

Delta R.T. 0.000 min

Lab File: VN081208.D

Acq: 27 Feb 2024 10:18

Instrument :

MSVOA_N

ClientSampleId :

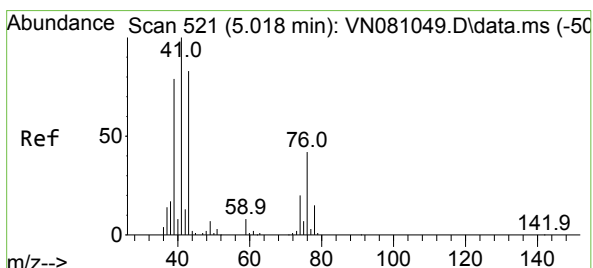
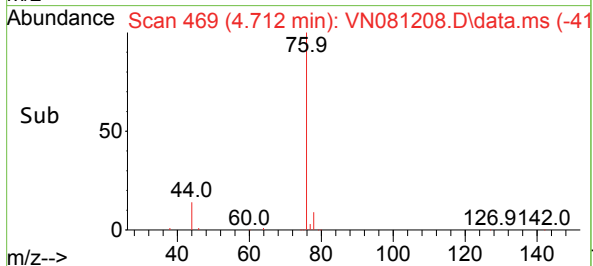
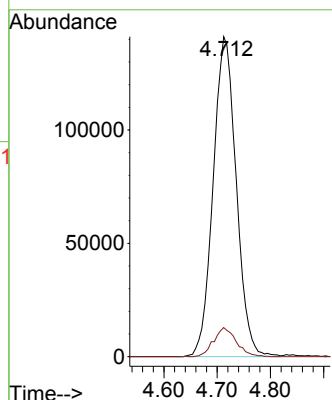
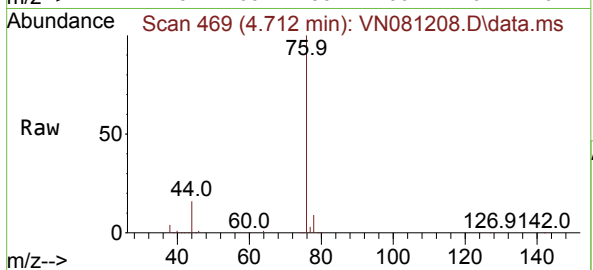
VSTDCCC050

Tgt Ion: 76 Resp: 424793

Ion Ratio Lower Upper

76 100

78 9.1 6.3 9.5



#18

Methyl Acetate

Concen: 65.021 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN081208.D

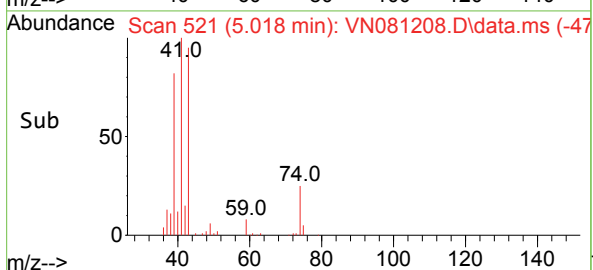
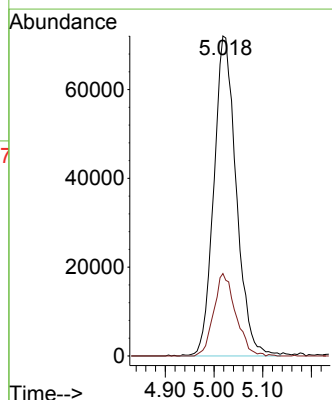
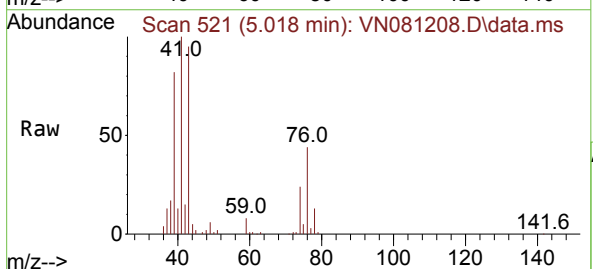
Acq: 27 Feb 2024 10:18

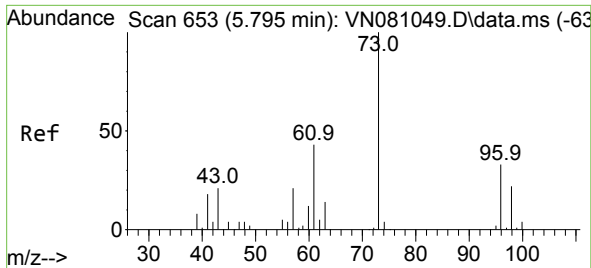
Tgt Ion: 43 Resp: 229972

Ion Ratio Lower Upper

43 100

74 25.2 17.3 25.9

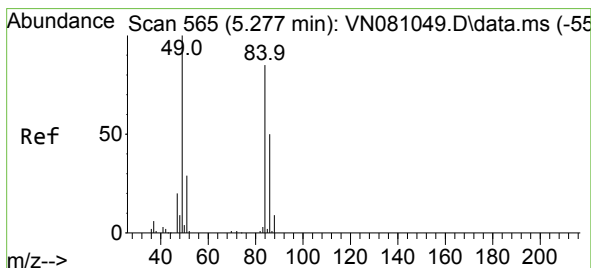
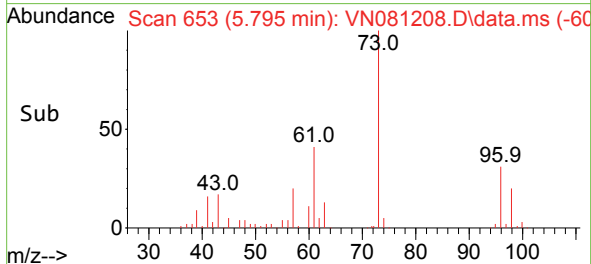
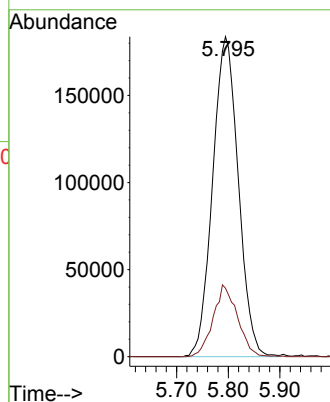
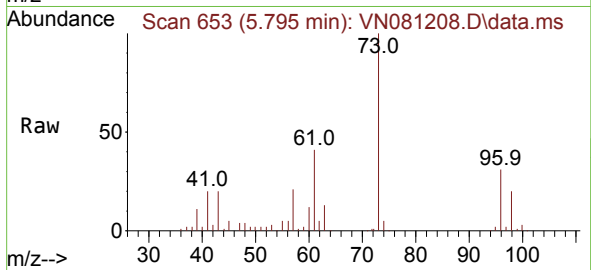




#19
Methyl tert-butyl Ether
Concen: 54.465 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

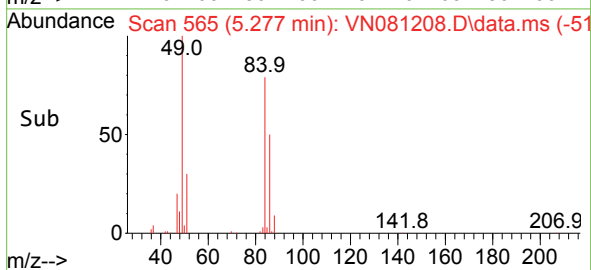
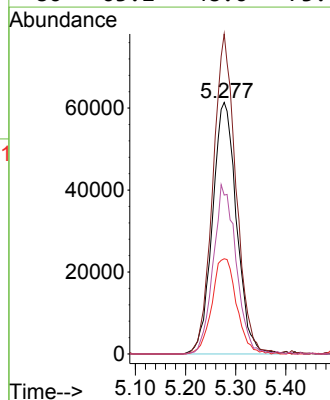
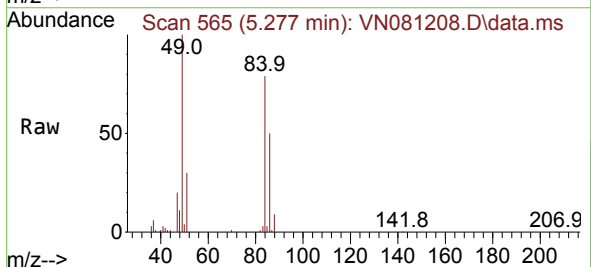
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

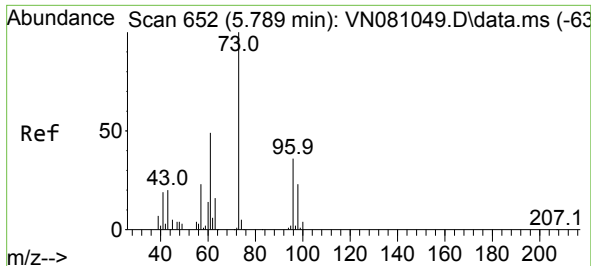
Tgt Ion: 73 Resp: 634170
Ion Ratio Lower Upper
73 100
57 21.4 18.2 27.4



#20
Methylene Chloride
Concen: 54.872 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

Tgt Ion: 84 Resp: 205476
Ion Ratio Lower Upper
84 100
49 127.2 108.1 162.1
51 37.9 32.9 49.3
86 63.2 48.6 73.0

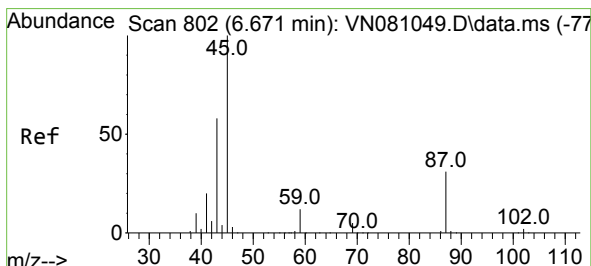
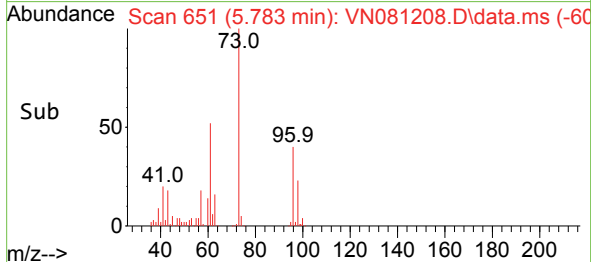
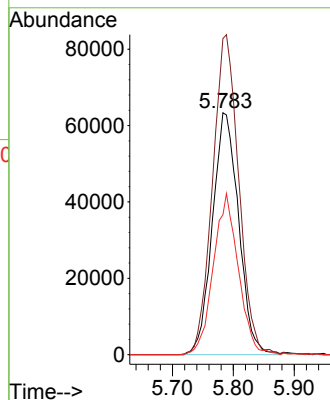
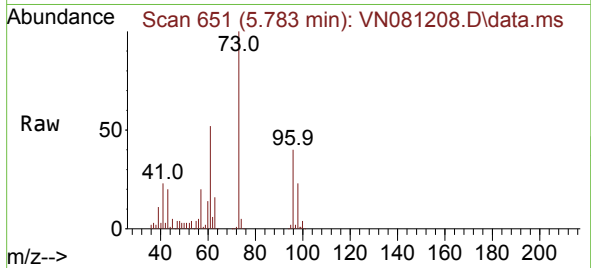




#21
trans-1,2-Dichloroethene
Concen: 49.997 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

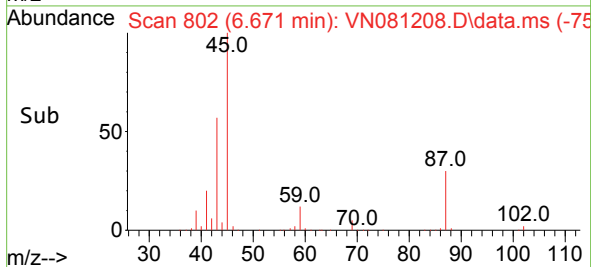
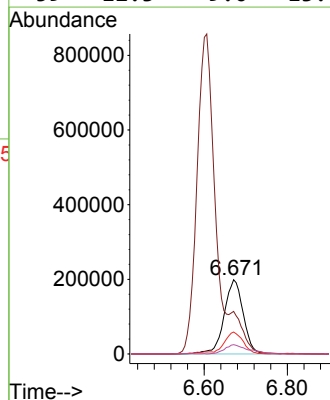
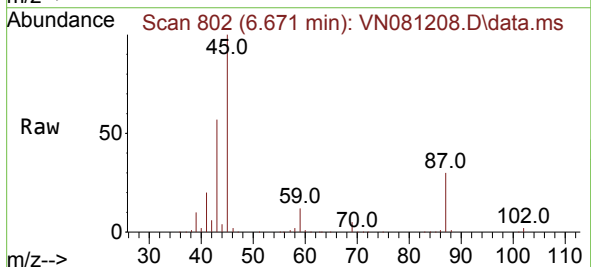
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

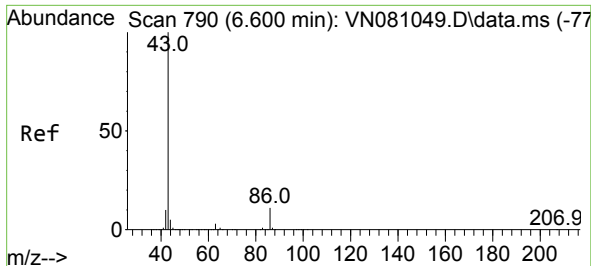
Tgt Ion: 96 Resp: 189637
Ion Ratio Lower Upper
96 100
61 130.7 112.8 169.2
98 57.9 51.0 76.4



#22
Diisopropyl ether
Concen: 55.359 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

Tgt Ion: 45 Resp: 633453
Ion Ratio Lower Upper
45 100
43 56.5 41.8 62.8
87 29.5 18.1 27.1#
59 12.3 9.0 13.6

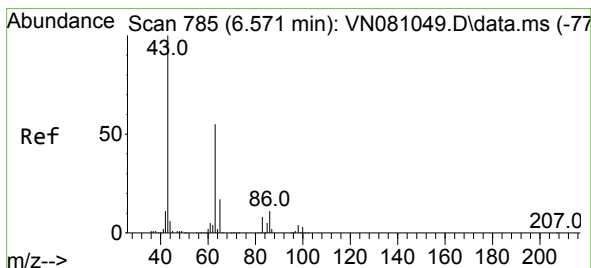
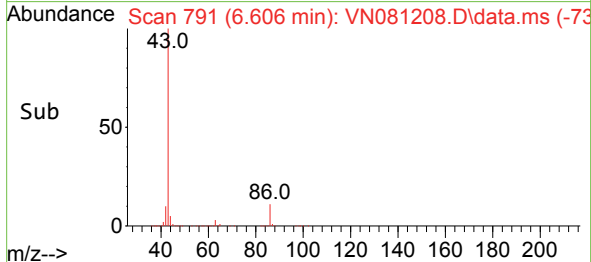
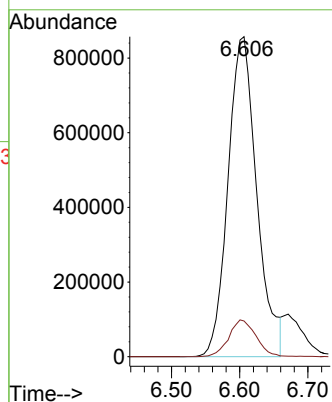
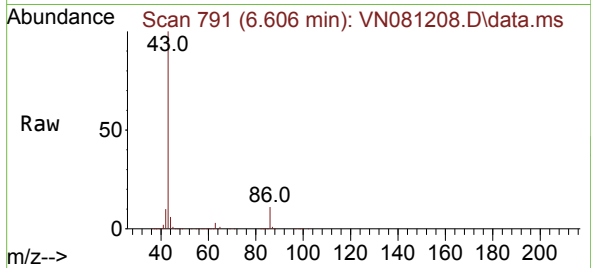




#23
 Vinyl Acetate
 Concen: 271.345 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN081208.D
 Acq: 27 Feb 2024 10:18

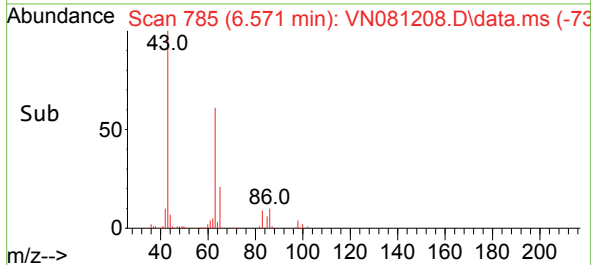
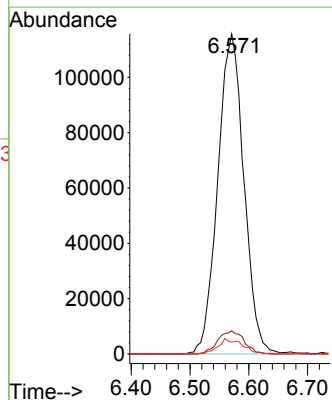
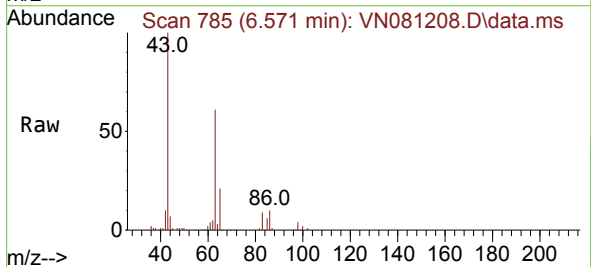
Instrument :
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 VSTDCCC050

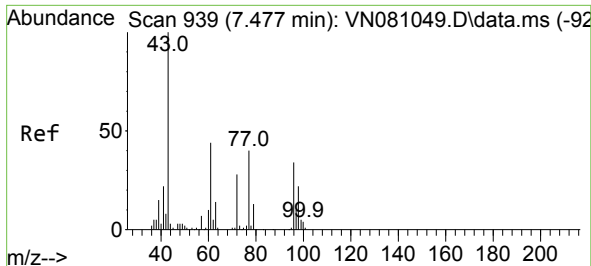
Tgt Ion: 43 Resp: 2519113
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 53.947 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN081208.D
 Acq: 27 Feb 2024 10:18

Tgt Ion: 63 Resp: 356925
 Ion Ratio Lower Upper
 63 100
 98 7.2 2.9 8.6
 100 3.7 1.9 5.7

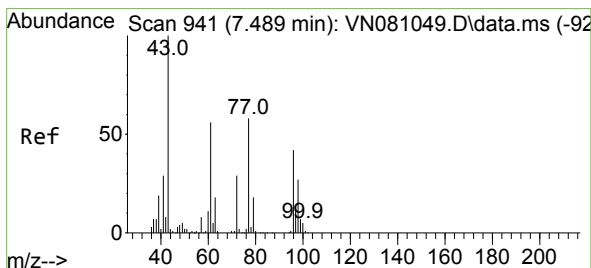
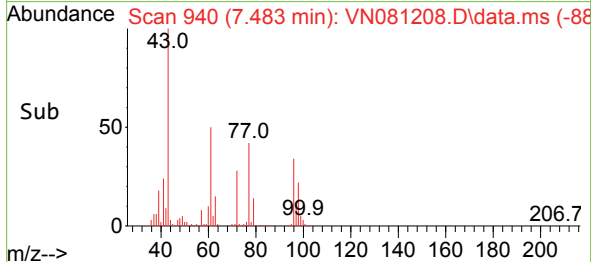
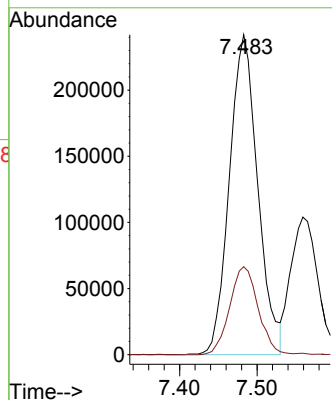
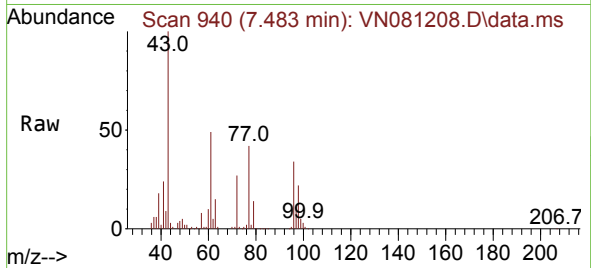




#25
2-Butanone
Concen: 263.286 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

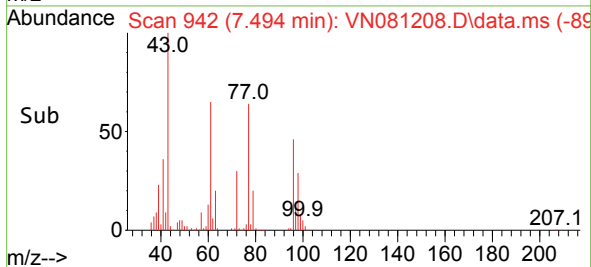
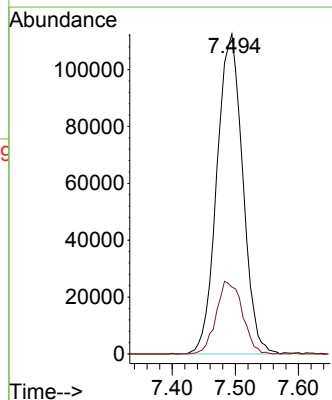
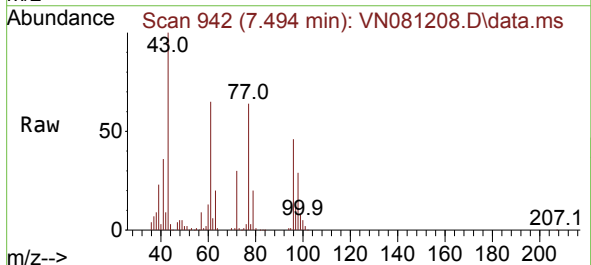
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

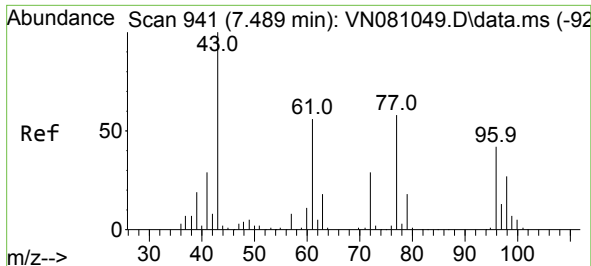
Tgt Ion: 43 Resp: 616700
Ion Ratio Lower Upper
43 100
72 27.5 19.5 29.3



#26
2,2-Dichloropropane
Concen: 51.583 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

Tgt Ion: 77 Resp: 319782
Ion Ratio Lower Upper
77 100
97 23.0 11.5 34.5



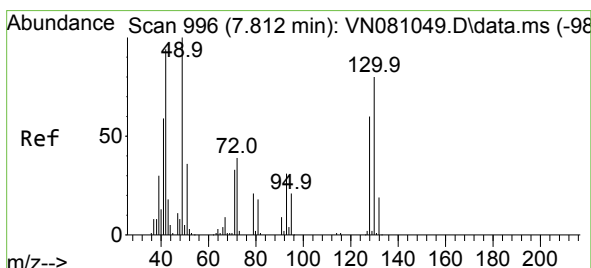
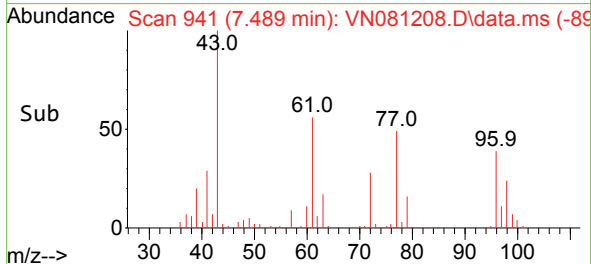
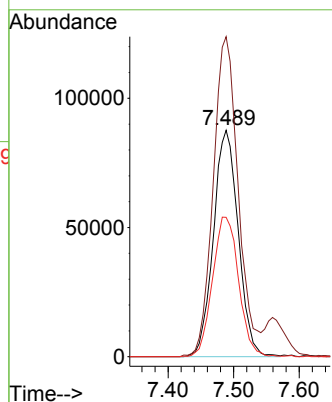
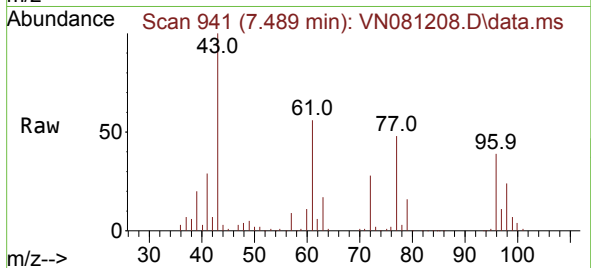


#27
 cis-1,2-Dichloroethene
 Concen: 52.201 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN081208.D
 Acq: 27 Feb 2024 10:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 230043

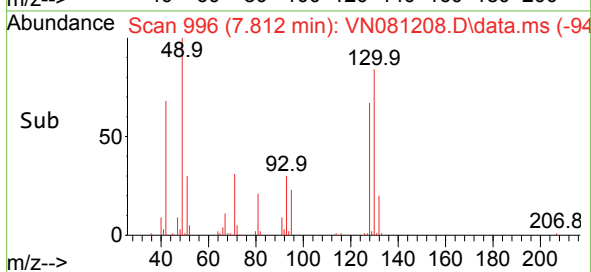
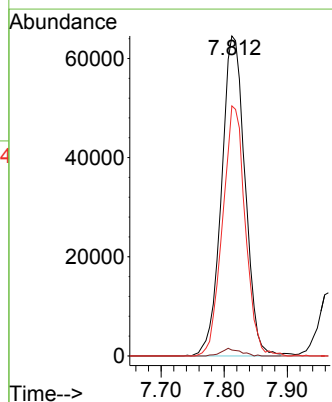
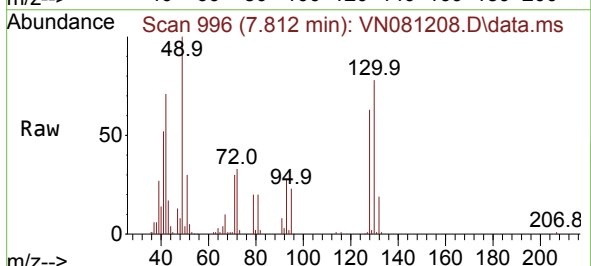
Ion	Ratio	Lower	Upper
96	100		
61	142.6	0.0	325.4
98	64.8	0.0	130.4

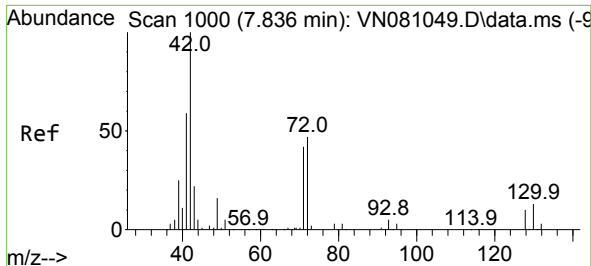


#28
 Bromochloromethane
 Concen: 60.809 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN081208.D
 Acq: 27 Feb 2024 10:18

Tgt Ion: 49 Resp: 166795

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	1.6#
130	75.5	42.3	63.5#

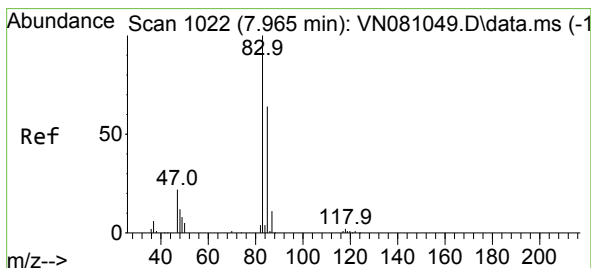
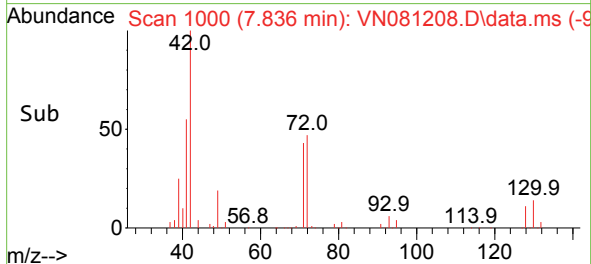
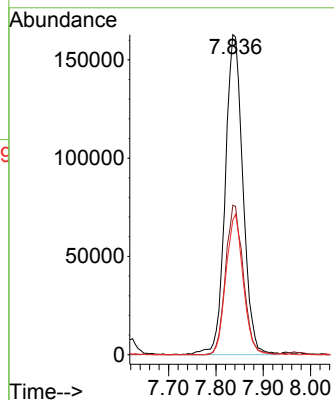
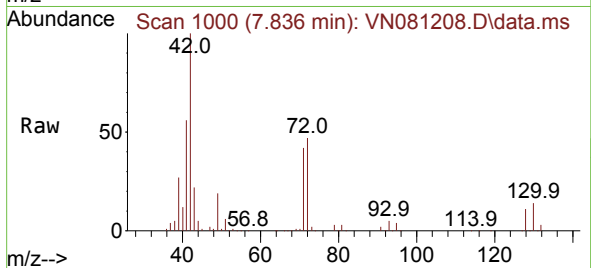




#29
Tetrahydrofuran
Concen: 270.786 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

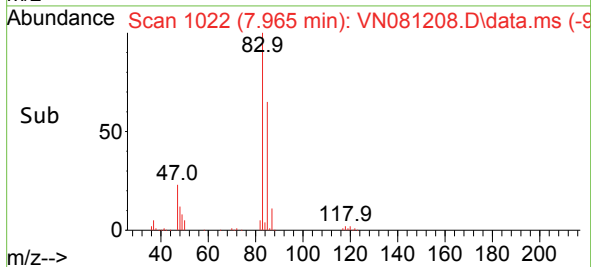
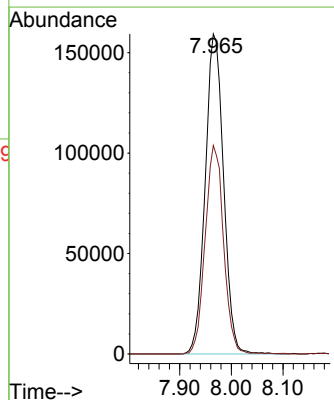
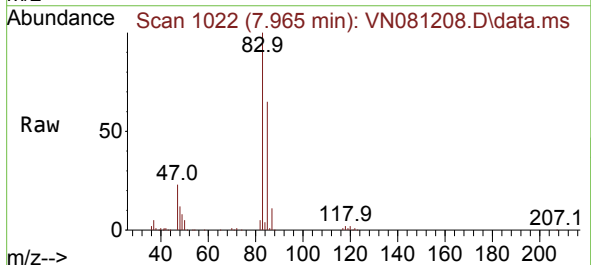
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

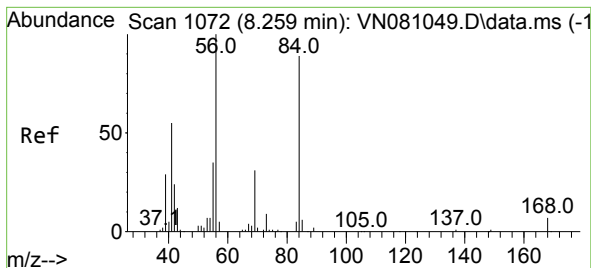
Tgt Ion: 42 Resp: 423403
Ion Ratio Lower Upper
42 100
72 46.6 31.1 46.7
71 42.7 28.3 42.5#



#30
Chloroform
Concen: 55.878 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

Tgt Ion: 83 Resp: 393023
Ion Ratio Lower Upper
83 100
85 65.1 51.0 76.6





#31

Cyclohexane

Concen: 47.621 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN081208.D

Acq: 27 Feb 2024 10:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

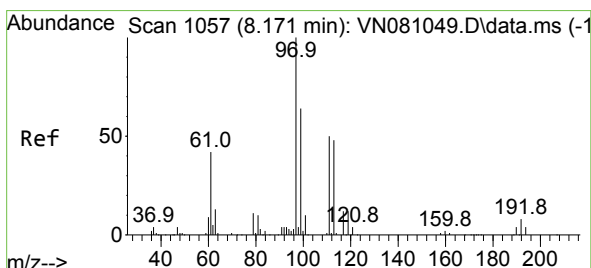
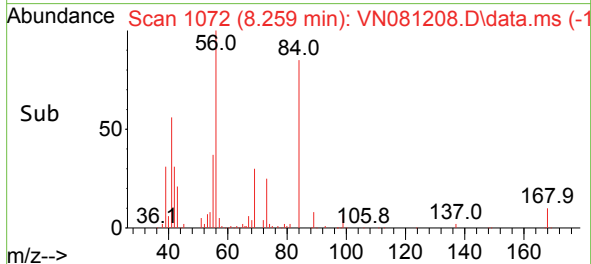
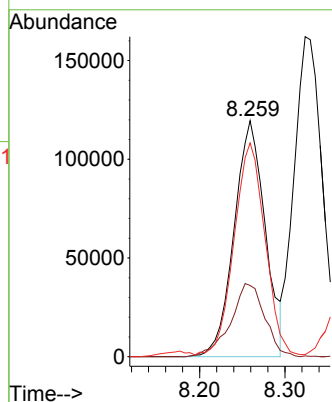
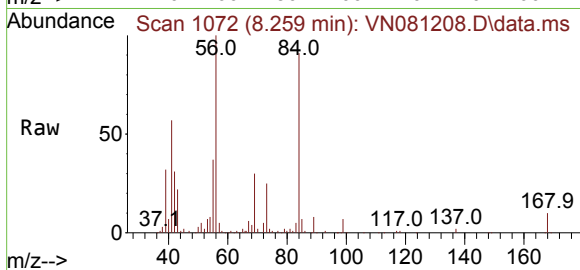
Tgt Ion: 56 Resp: 302986

Ion Ratio Lower Upper

56 100

69 30.2 20.1 30.1#

84 88.2 56.9 85.3#



#32

1,1,1-Trichloroethane

Concen: 51.854 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN081208.D

Acq: 27 Feb 2024 10:18

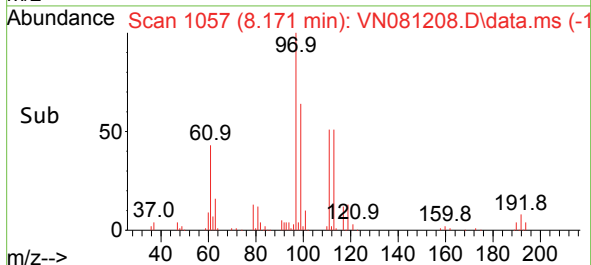
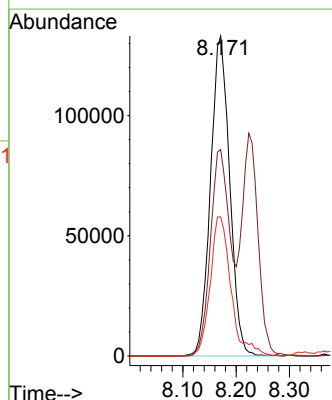
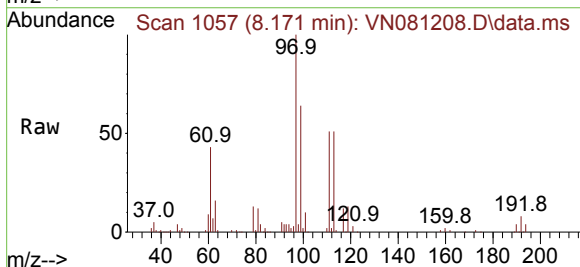
Tgt Ion: 97 Resp: 332165

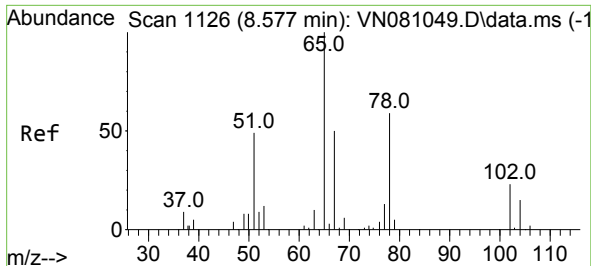
Ion Ratio Lower Upper

97 100

99 66.9 53.4 80.0

61 47.2 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 52.392 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081208.D

Acq: 27 Feb 2024 10:18

Instrument :

MSVOA_N

ClientSampleId :

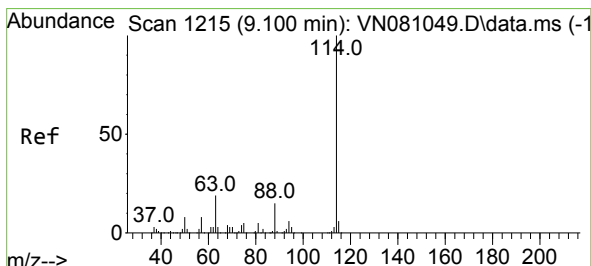
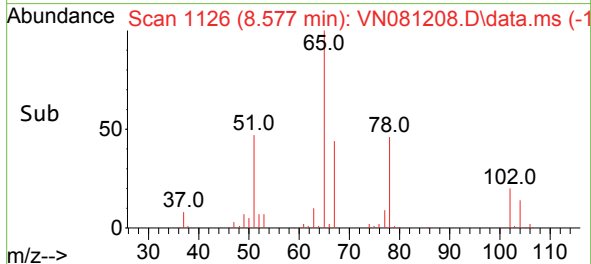
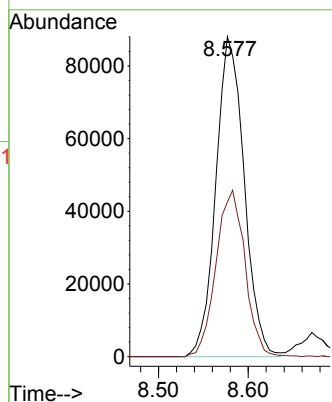
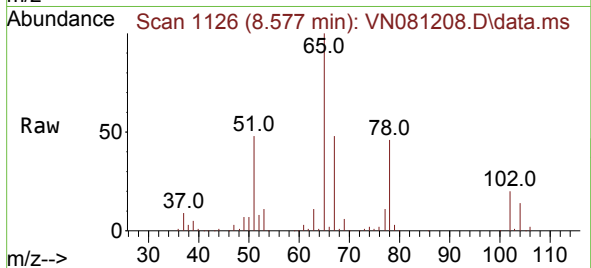
VSTDCCC050

Tgt Ion: 65 Resp: 193051

Ion Ratio Lower Upper

65 100

67 53.3 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: VN081208.D

Acq: 27 Feb 2024 10:18

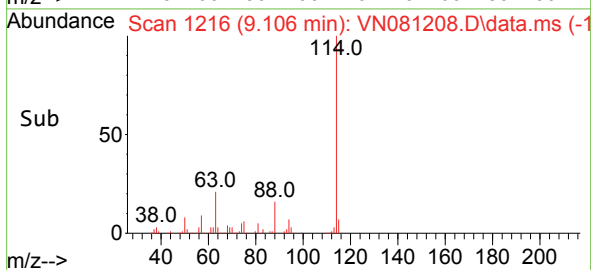
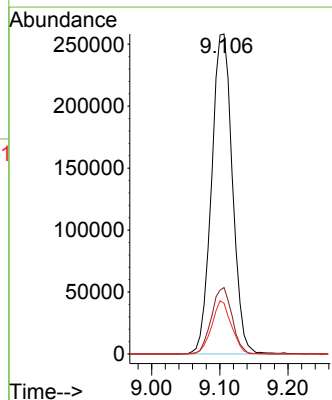
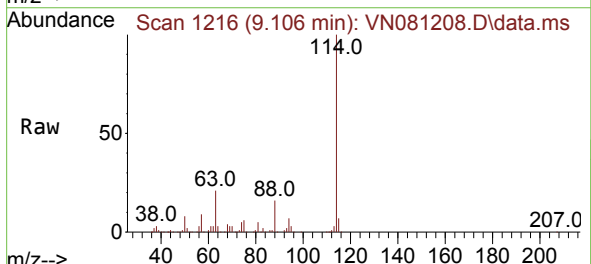
Tgt Ion: 114 Resp: 549220

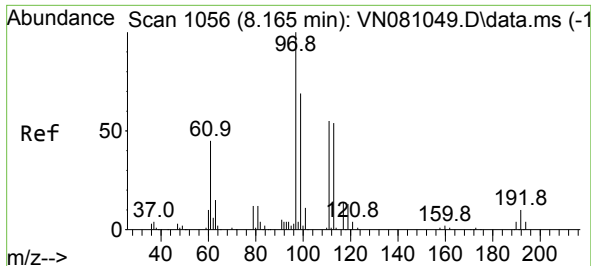
Ion Ratio Lower Upper

114 100

63 20.8 0.0 48.0

88 15.8 0.0 34.8

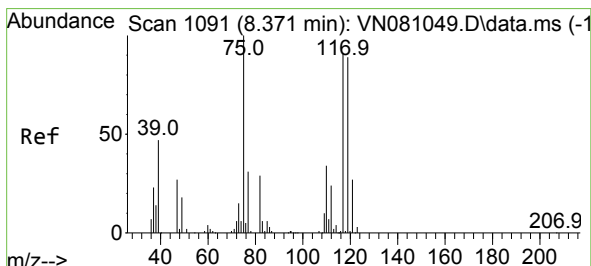
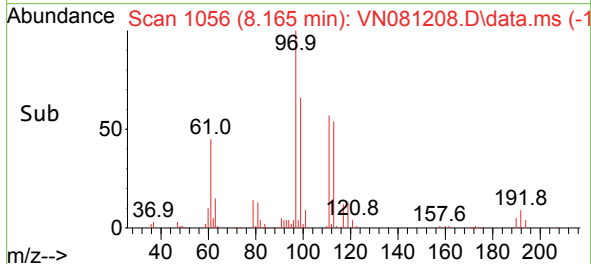
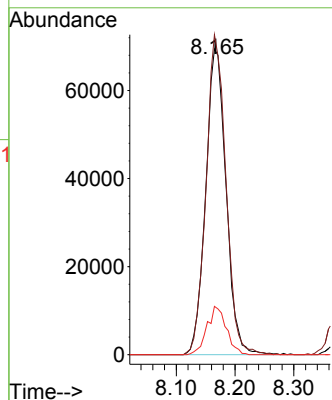
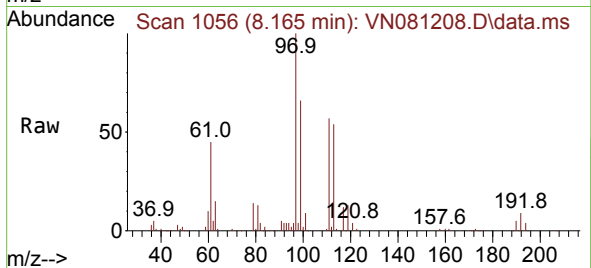




#35
Dibromofluoromethane
Concen: 54.030 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

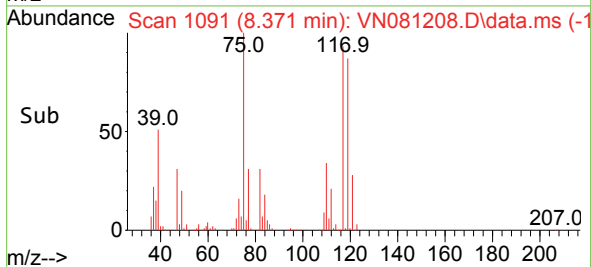
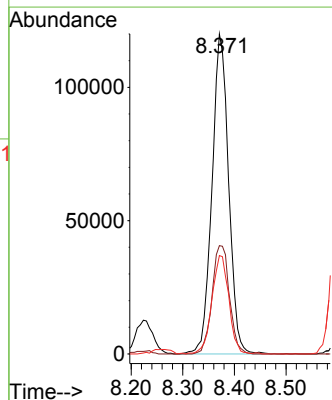
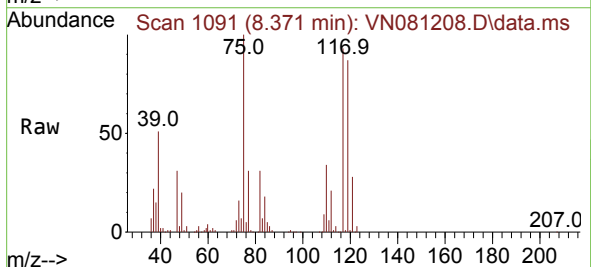
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

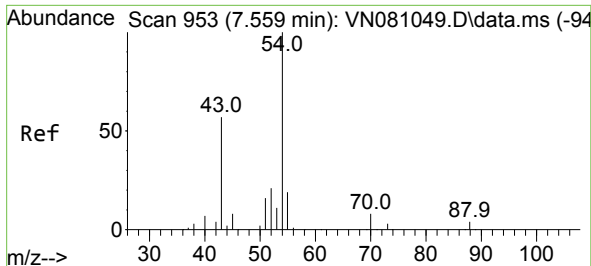
Tgt Ion:113 Resp: 167799
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 15.0 12.5 18.7



#36
1,1-Dichloropropene
Concen: 50.472 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

Tgt Ion: 75 Resp: 268547
Ion Ratio Lower Upper
75 100
110 35.3 16.0 48.0
77 31.3 25.8 38.6

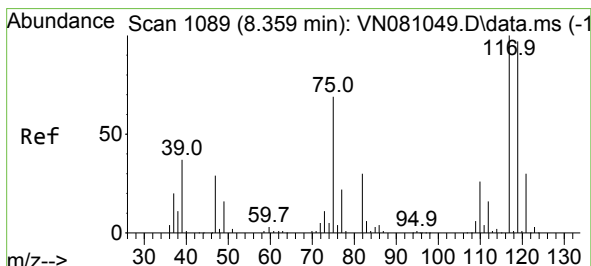
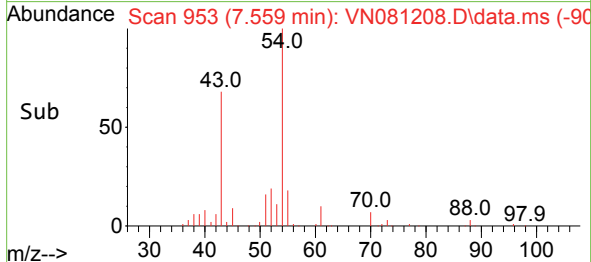
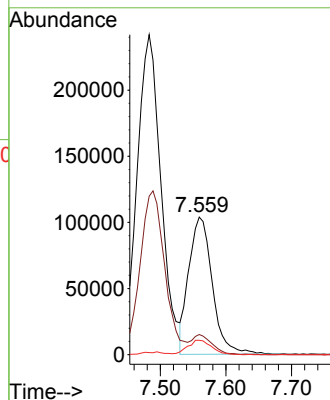
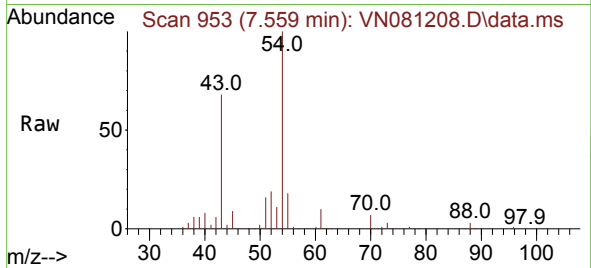




#37
Ethyl Acetate
Concen: 53.905 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

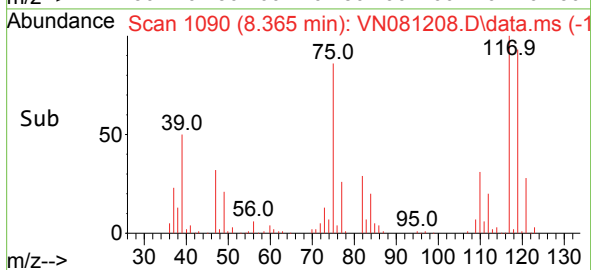
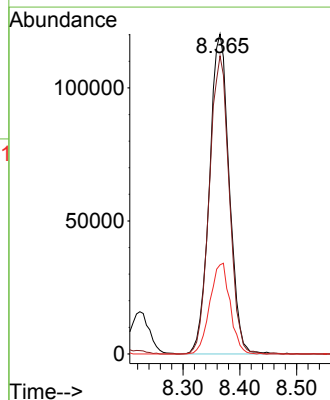
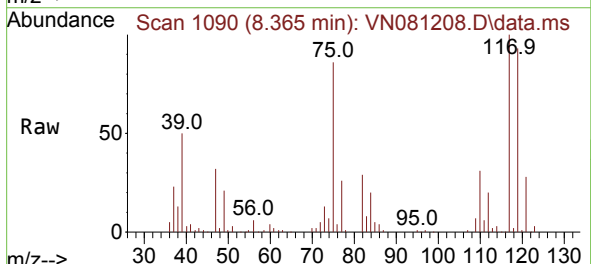
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

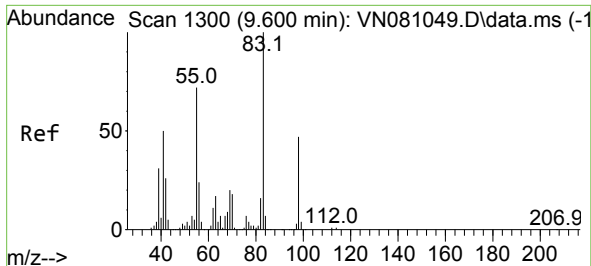
Tgt Ion: 43 Resp: 258851
Ion Ratio Lower Upper
43 100
61 12.1 10.6 15.8
70 10.7 8.0 12.0



#38
Carbon Tetrachloride
Concen: 54.090 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

Tgt Ion: 117 Resp: 291171
Ion Ratio Lower Upper
117 100
119 93.2 73.4 110.2
121 27.8 24.4 36.6

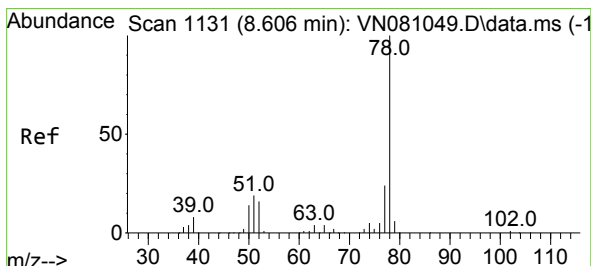
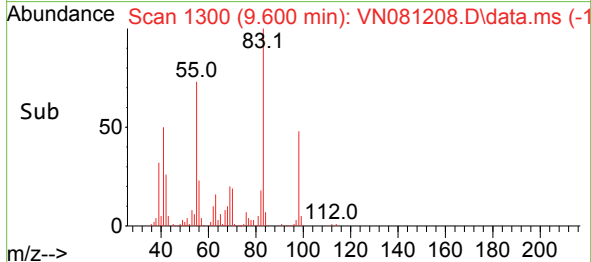
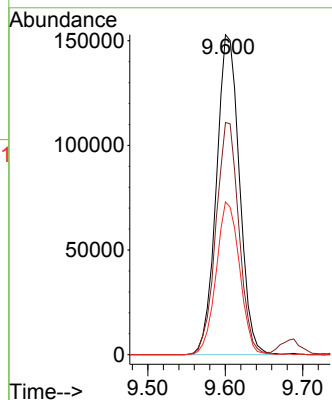
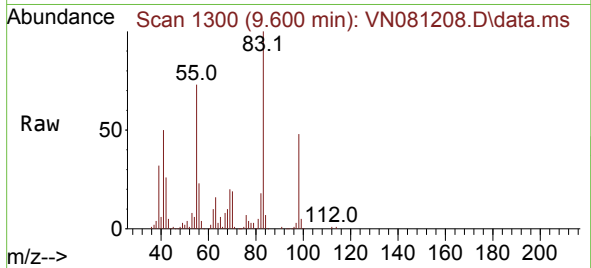




#39
Methylcyclohexane
Concen: 50.983 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. 0.000 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

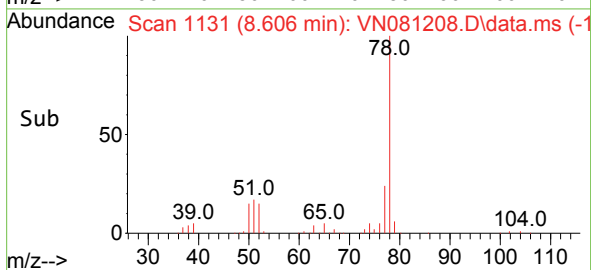
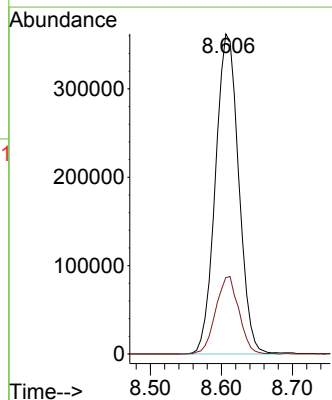
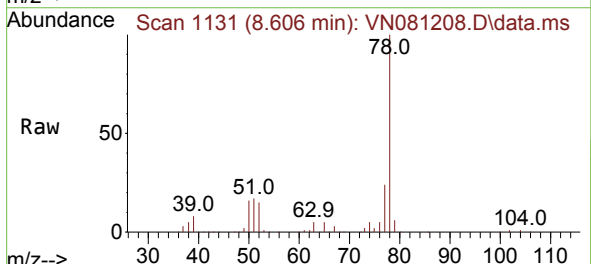
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

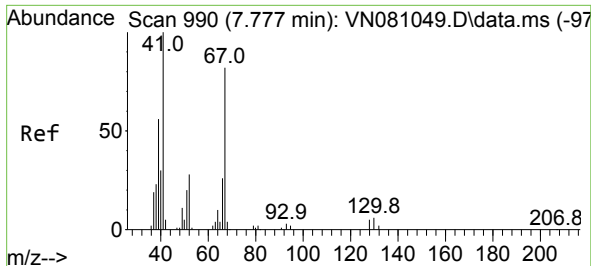
Tgt Ion: 83 Resp: 316221
Ion Ratio Lower Upper
83 100
55 72.5 65.7 98.5
98 47.8 33.8 50.6



#40
Benzene
Concen: 53.516 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

Tgt Ion: 78 Resp: 824187
Ion Ratio Lower Upper
78 100
77 23.8 20.4 30.6



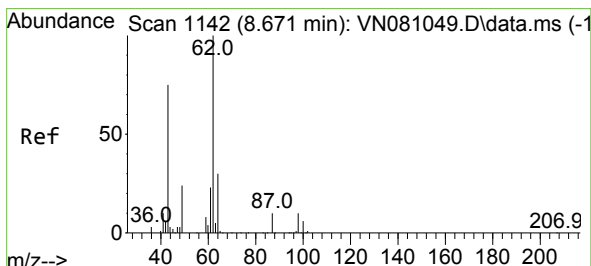
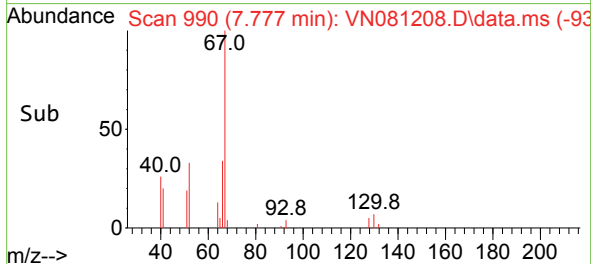
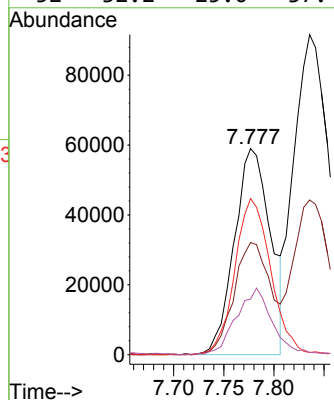
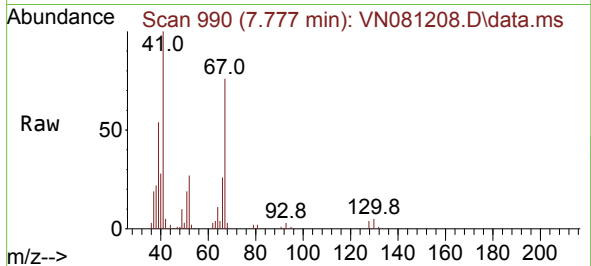


#41
Methacrylonitrile
Concen: 54.271 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 148317

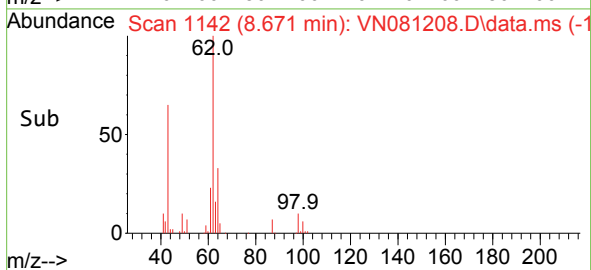
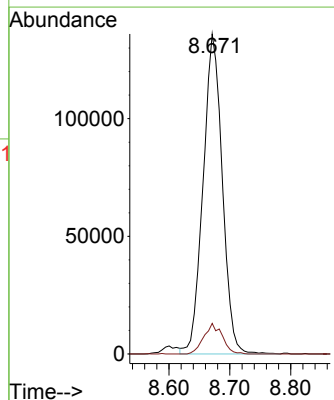
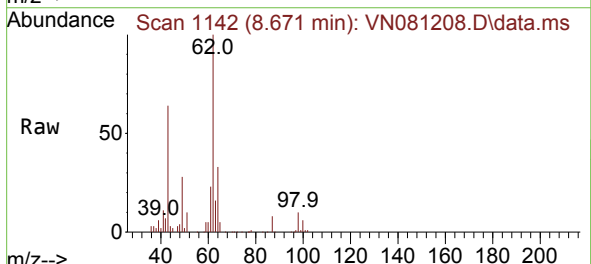
Ion	Ratio	Lower	Upper
41	100		
39	55.4	48.4	72.6
67	75.5	56.8	85.2
52	32.2	25.0	37.4

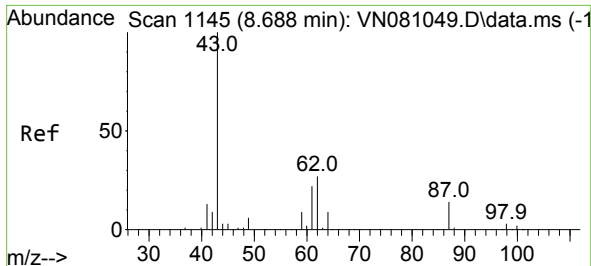


#42
1,2-Dichloroethane
Concen: 55.505 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

Tgt Ion: 62 Resp: 298231

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.0

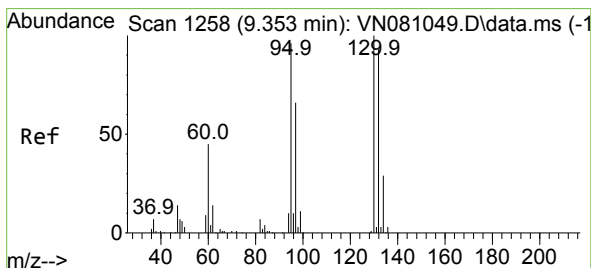
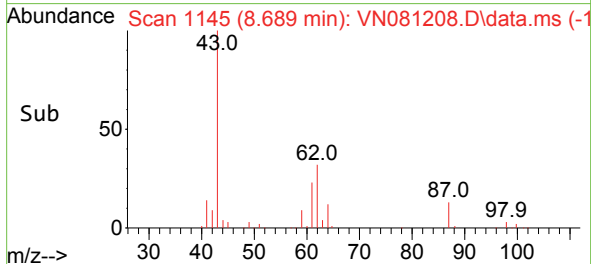
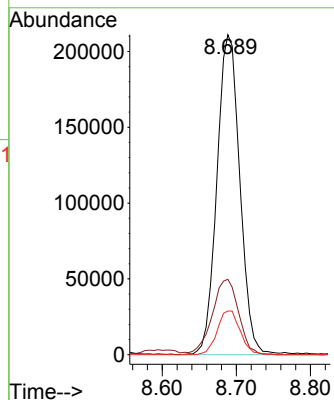
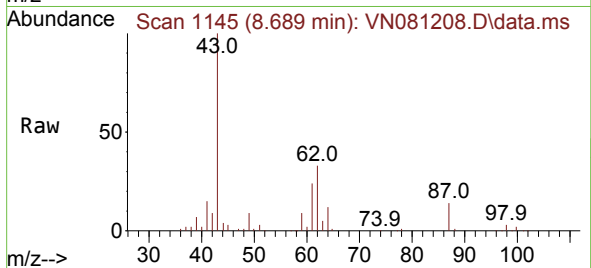




#43
Isopropyl Acetate
Concen: 53.973 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

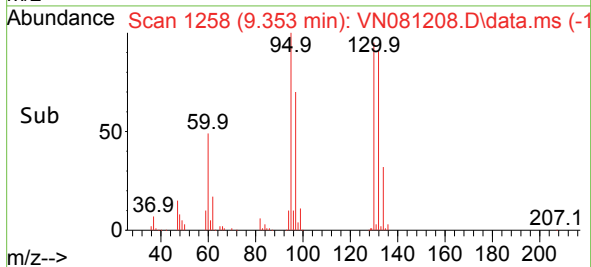
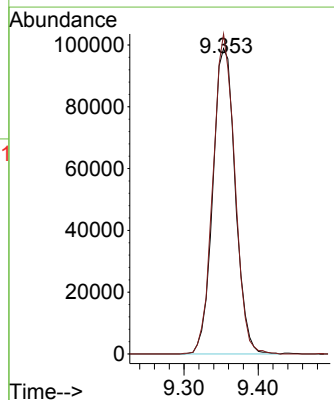
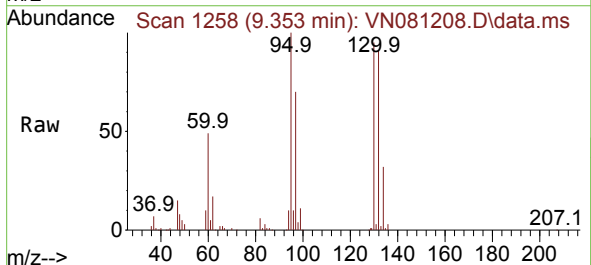
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

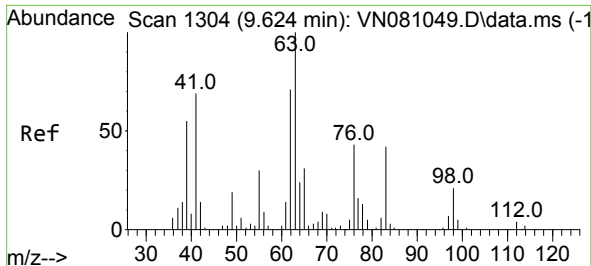
Tgt Ion: 43 Resp: 453282
Ion Ratio Lower Upper
43 100
61 27.0 19.9 29.9
87 13.7 9.0 13.6#



#44
Trichloroethene
Concen: 50.615 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

Tgt Ion:130 Resp: 207617
Ion Ratio Lower Upper
130 100
95 104.8 0.0 210.4

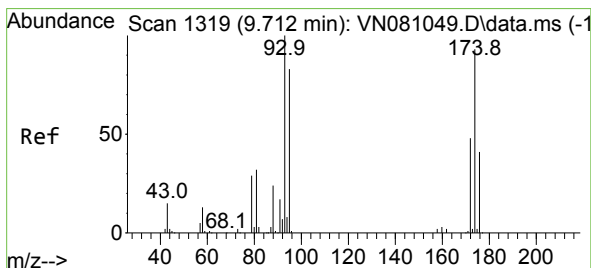
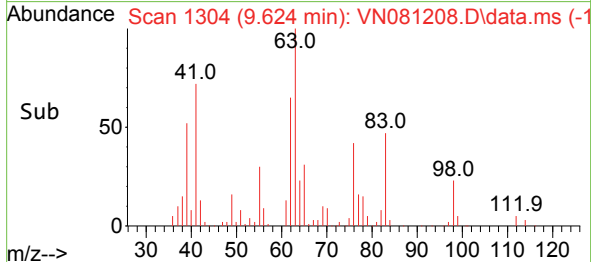
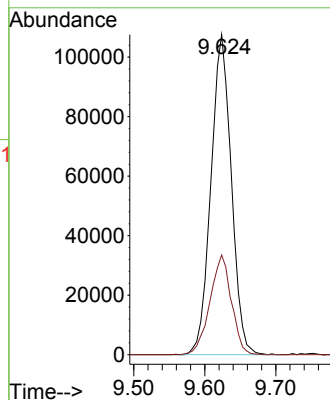
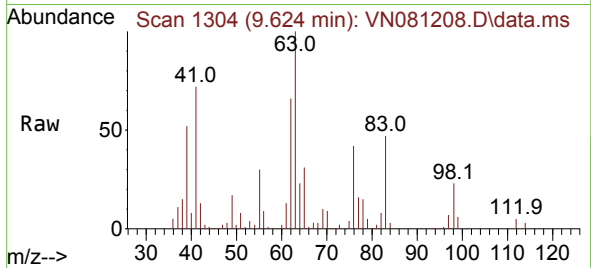




#45
1,2-Dichloropropane
Concen: 55.596 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

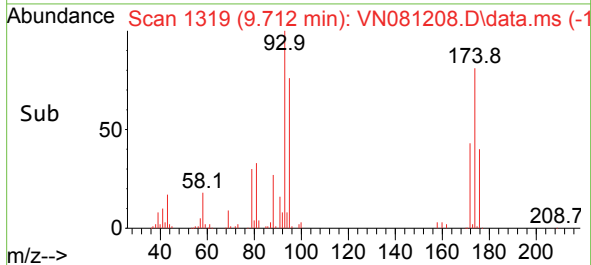
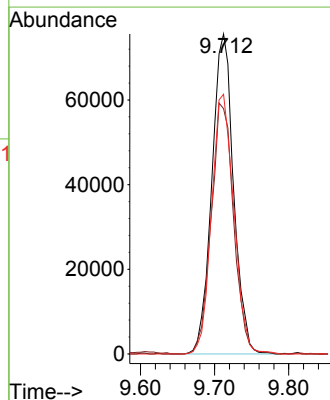
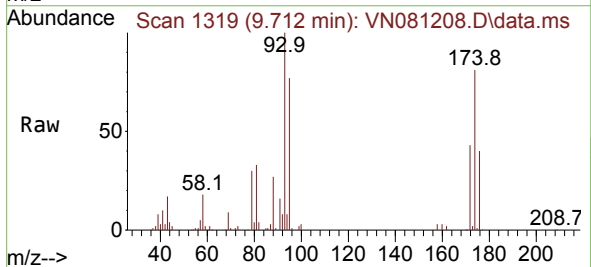
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

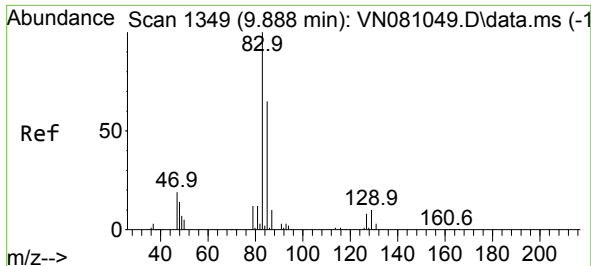
Tgt Ion: 63 Resp: 214180
Ion Ratio Lower Upper
63 100
65 31.1 26.1 39.1



#46
Dibromomethane
Concen: 54.634 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

Tgt Ion: 93 Resp: 153353
Ion Ratio Lower Upper
93 100
95 81.1 68.1 102.1
174 83.3 57.2 85.8

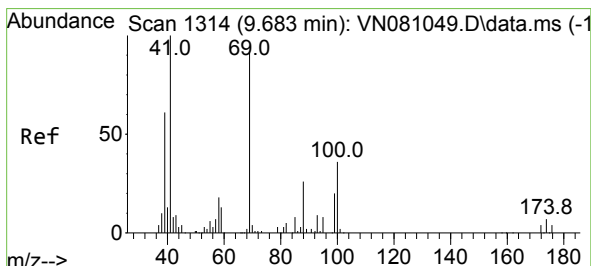
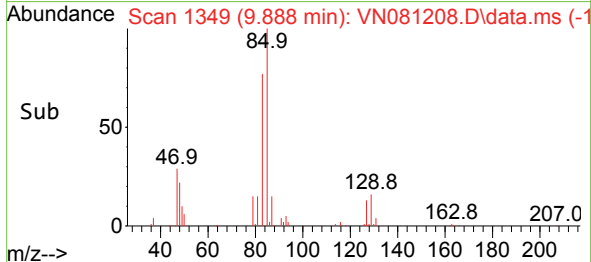
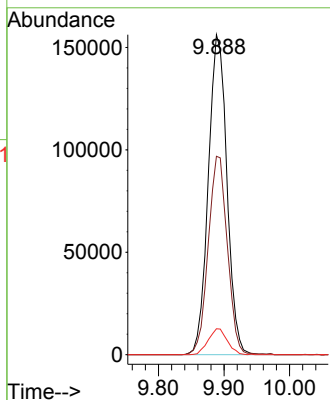
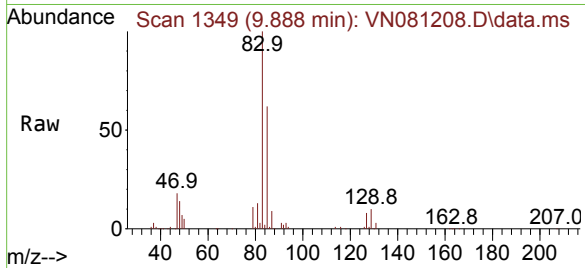




#47
Bromodichloromethane
Concen: 57.962 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

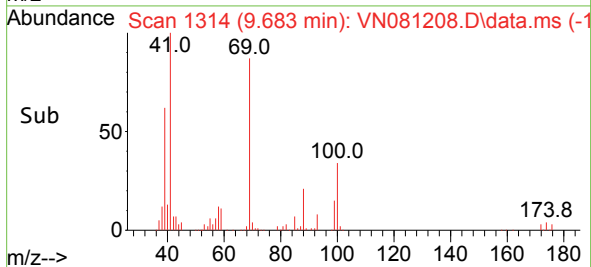
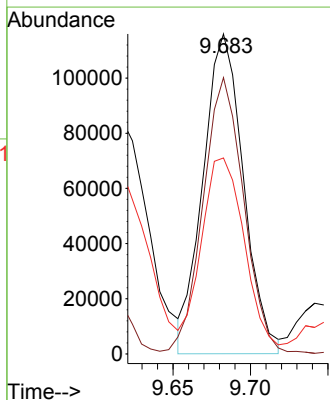
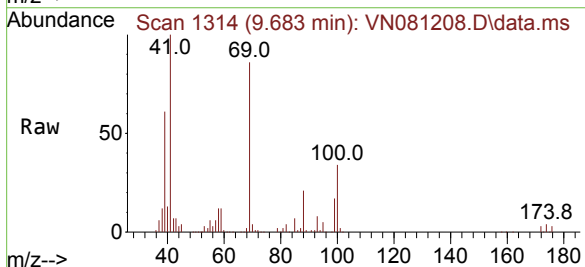
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

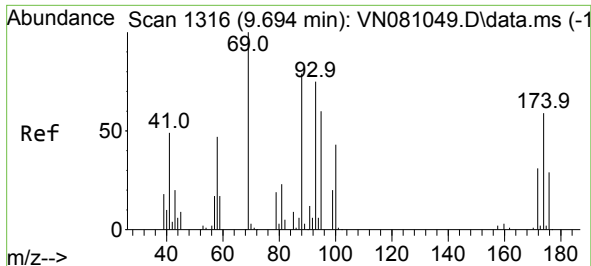
Tgt Ion: 83 Resp: 308134
Ion Ratio Lower Upper
83 100
85 62.0 52.3 78.5
127 8.1 4.6 7.0#



#48
Methyl methacrylate
Concen: 53.725 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

Tgt Ion: 41 Resp: 209948
Ion Ratio Lower Upper
41 100
69 87.1 62.2 93.2
39 66.0 47.6 71.4

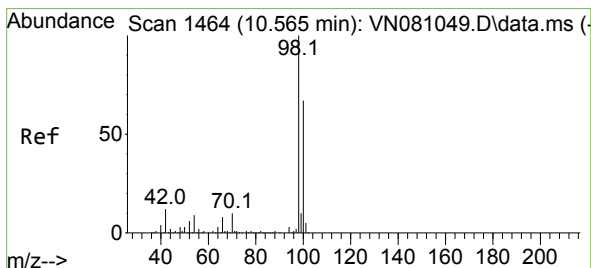
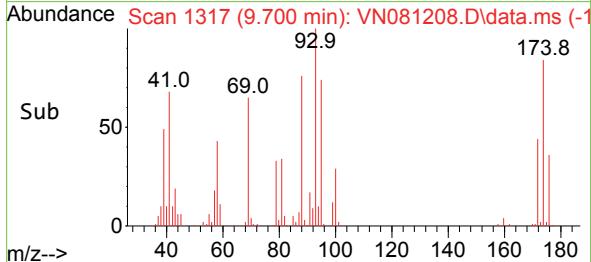
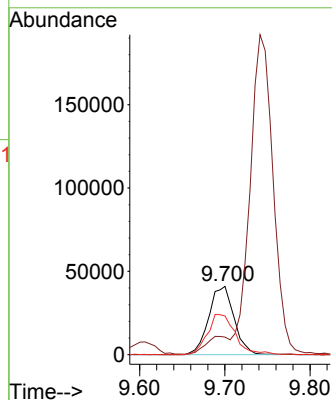
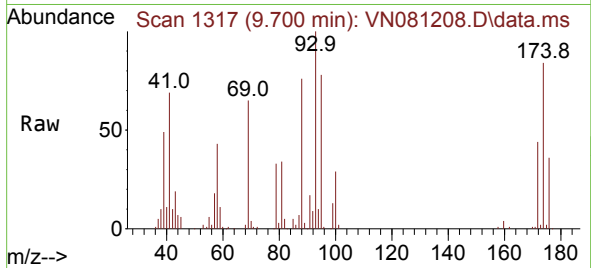




#49
1,4-Dioxane
Concen: 1187.276 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

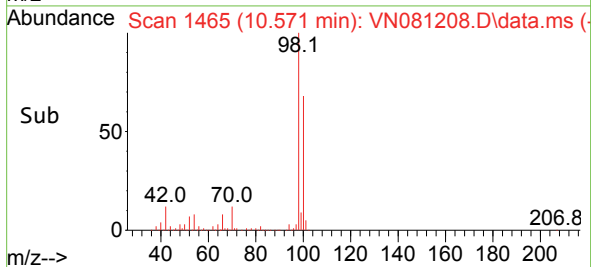
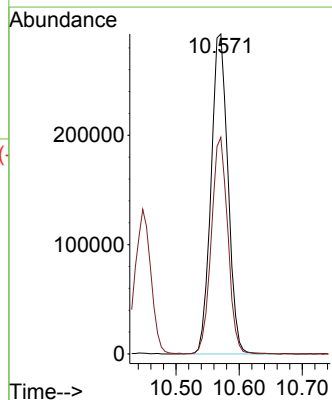
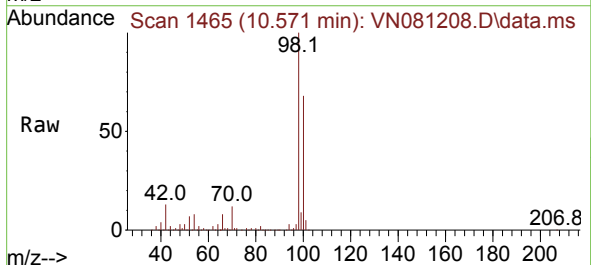
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

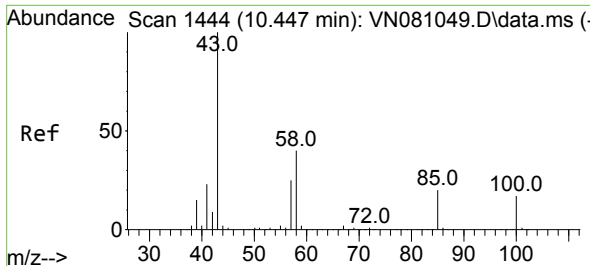
Tgt Ion: 88 Resp: 84841
Ion Ratio Lower Upper
88 100
43 25.0 30.1 45.1#
58 64.9 63.9 95.9



#50
Toluene-d8
Concen: 49.234 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

Tgt Ion: 98 Resp: 543078
Ion Ratio Lower Upper
98 100
100 66.1 51.4 77.0

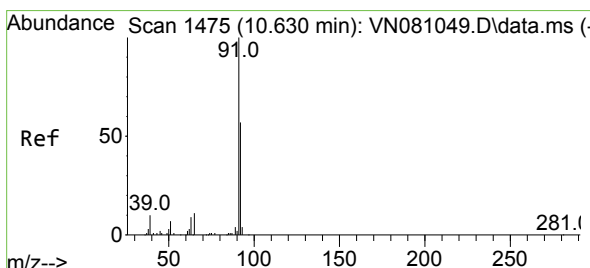
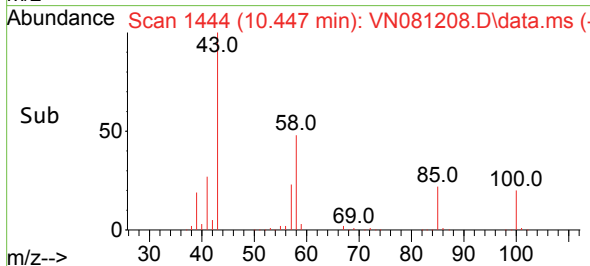
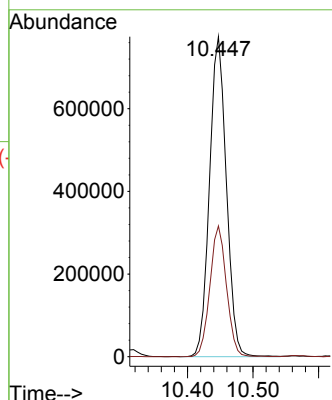
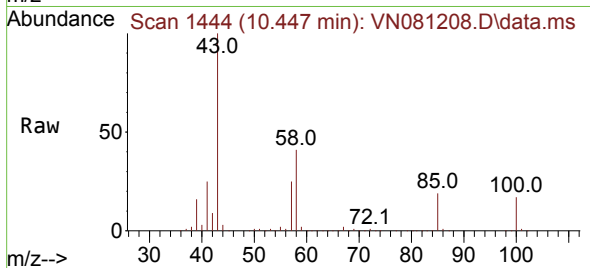




#51
4-Methyl-2-Pentanone
Concen: 285.458 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

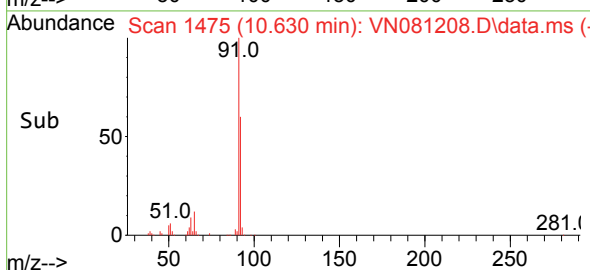
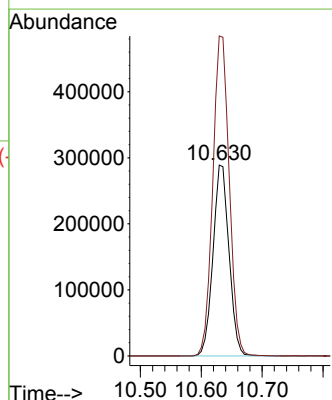
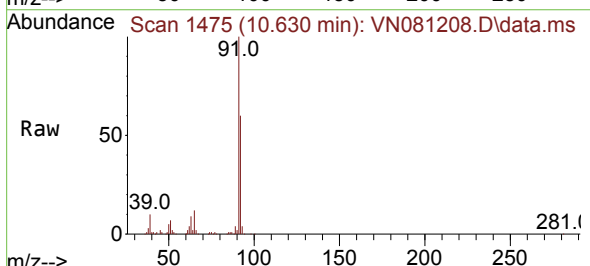
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

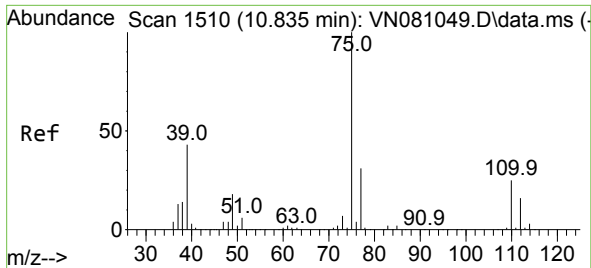
Tgt Ion: 43 Resp: 1379088
Ion Ratio Lower Upper
43 100
58 40.3 29.4 44.0



#52
Toluene
Concen: 54.041 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

Tgt Ion: 92 Resp: 526889
Ion Ratio Lower Upper
92 100
91 172.4 139.4 209.0

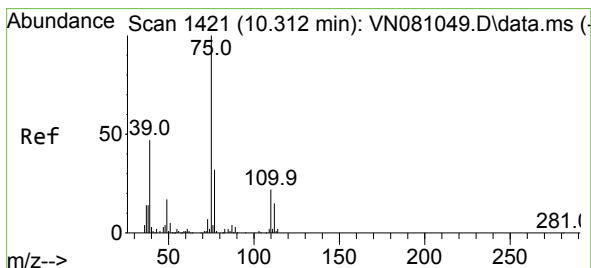
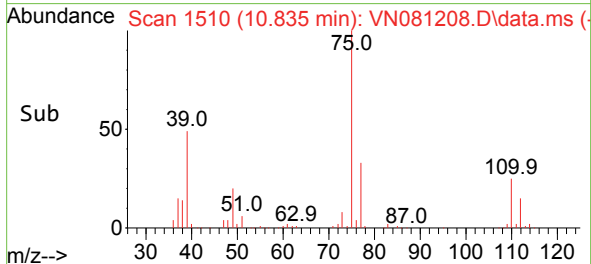
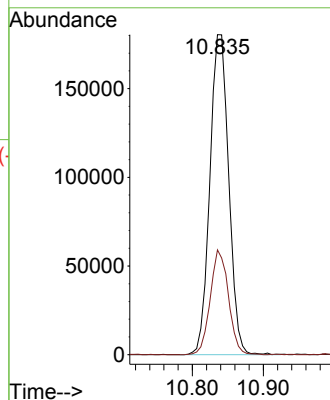
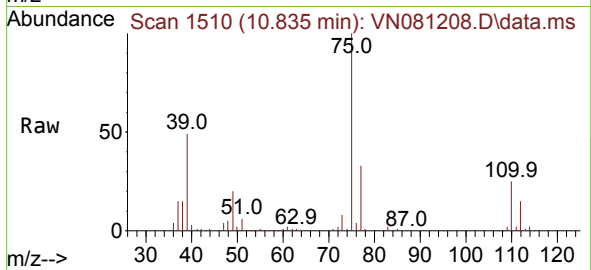




#53
 t-1,3-Dichloropropene
 Concen: 56.304 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN081208.D
 Acq: 27 Feb 2024 10:18

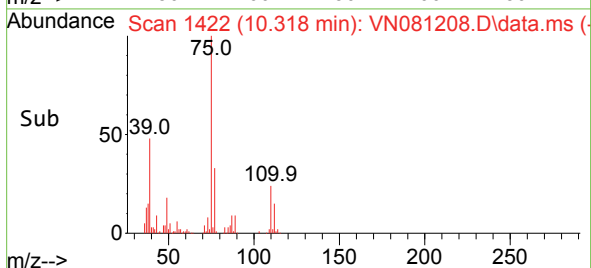
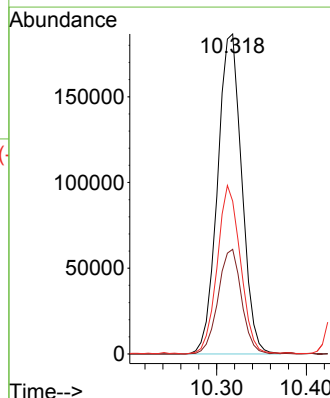
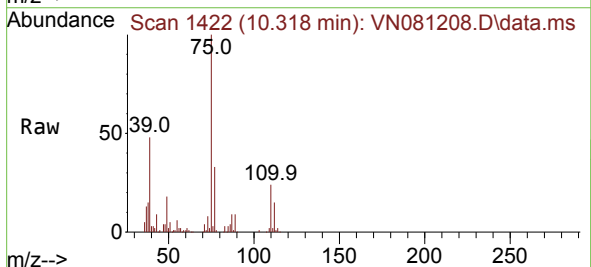
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

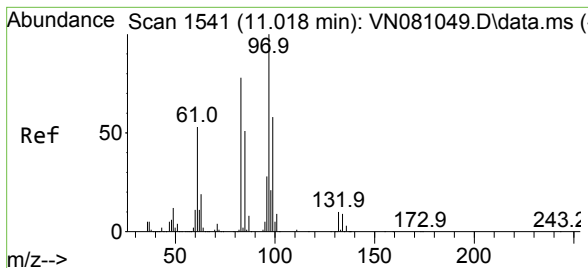
Tgt Ion: 75 Resp: 332624
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 54.796 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VN081208.D
 Acq: 27 Feb 2024 10:18

Tgt Ion: 75 Resp: 349744
 Ion Ratio Lower Upper
 75 100
 77 32.7 23.3 34.9
 39 47.6 44.6 66.8



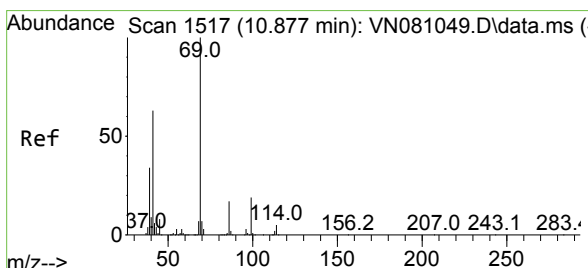
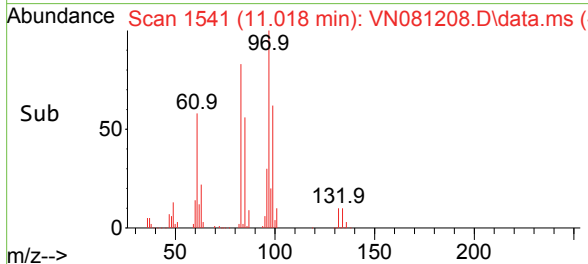
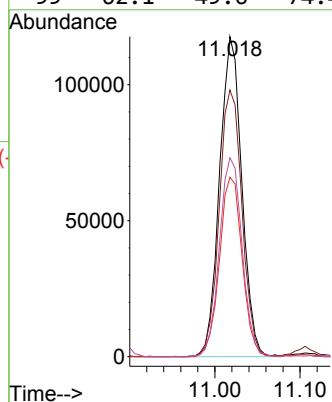
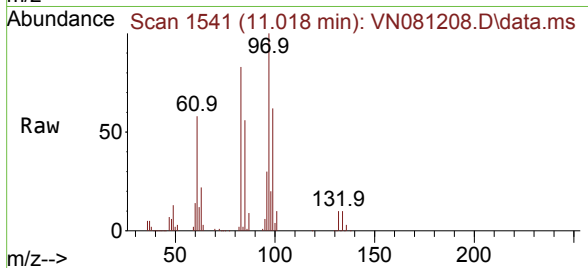


#55
 1,1,2-Trichloroethane
 Concen: 56.828 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN081208.D
 Acq: 27 Feb 2024 10:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 97 Resp: 213101

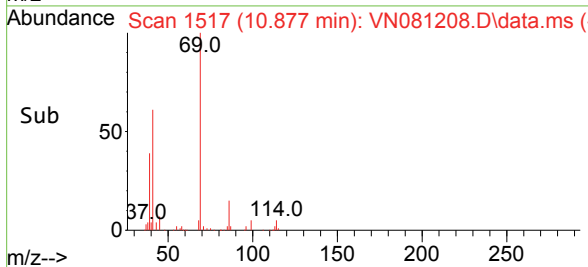
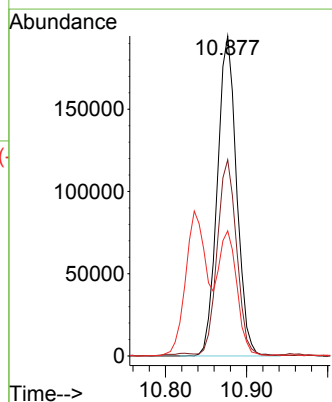
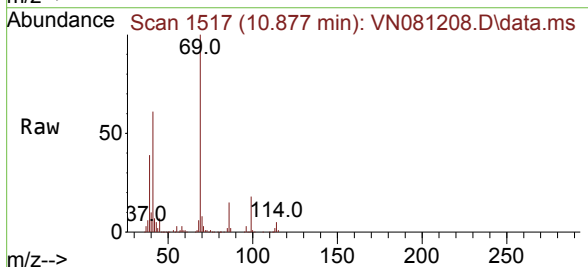
Ion	Ratio	Lower	Upper
97	100		
83	83.3	72.9	109.3
85	56.0	50.2	75.2
99	62.1	49.6	74.4

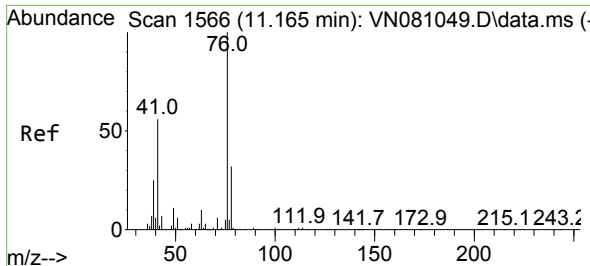


#56
 Ethyl methacrylate
 Concen: 56.033 ug/l
 RT: 10.877 min Scan# 1517
 Delta R.T. 0.000 min
 Lab File: VN081208.D
 Acq: 27 Feb 2024 10:18

Tgt Ion: 69 Resp: 321131

Ion	Ratio	Lower	Upper
69	100		
41	61.4	61.0	91.6
39	36.7	31.8	47.6





#57

1,3-Dichloropropane

Concen: 56.246 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN081208.D

Acq: 27 Feb 2024 10:18

Instrument :

MSVOA_N

ClientSampleId :

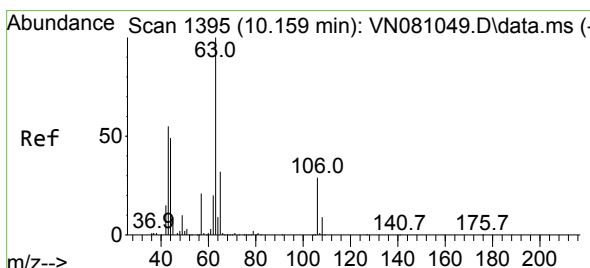
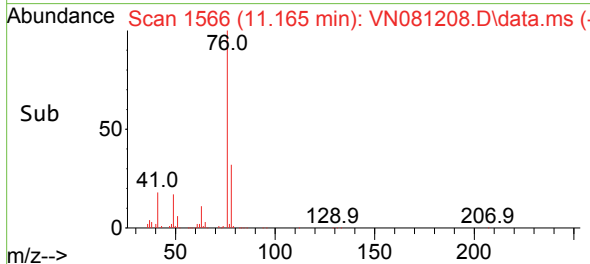
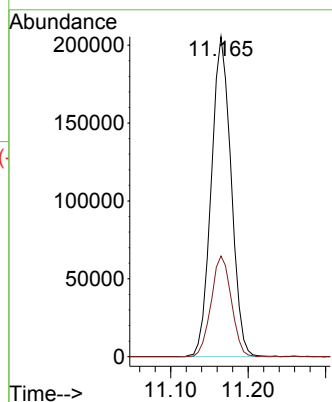
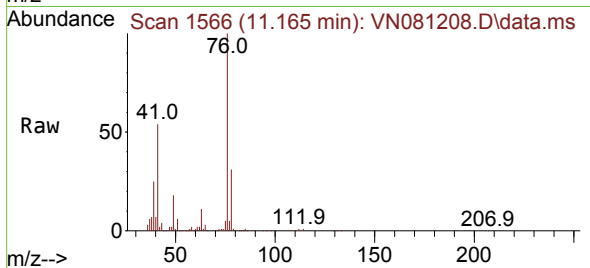
VSTDCCC050

Tgt Ion: 76 Resp: 364695

Ion Ratio Lower Upper

76 100

78 32.1 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 273.649 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN081208.D

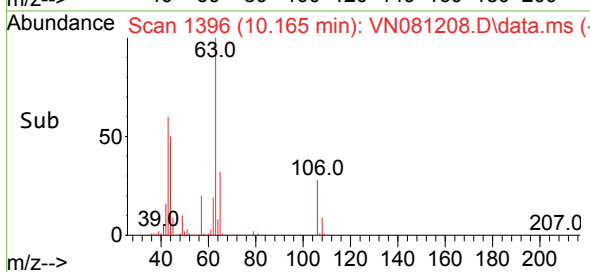
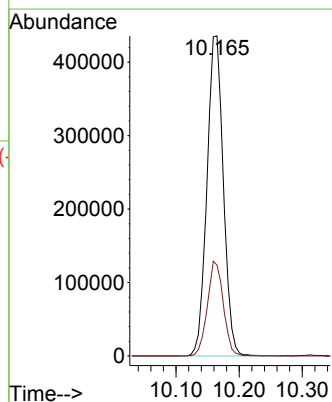
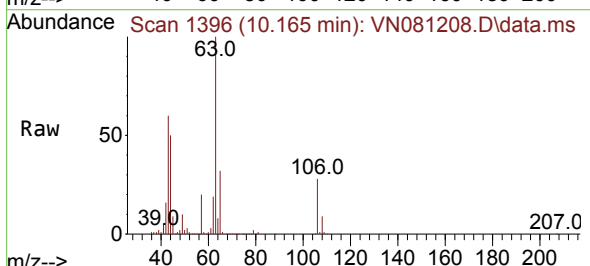
Acq: 27 Feb 2024 10:18

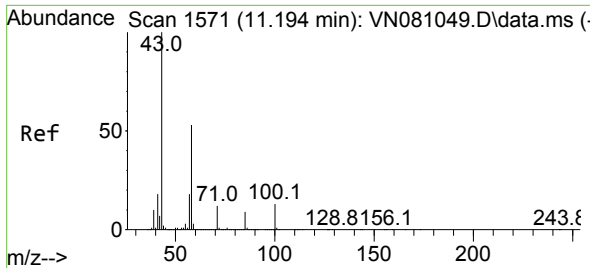
Tgt Ion: 63 Resp: 786896

Ion Ratio Lower Upper

63 100

106 28.7 18.6 28.0#

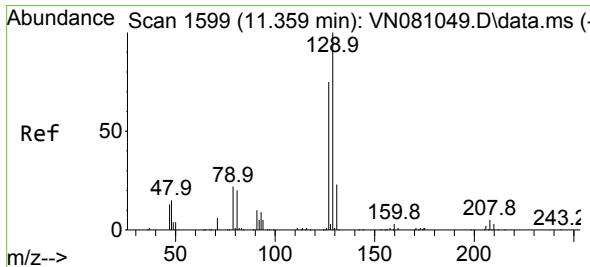
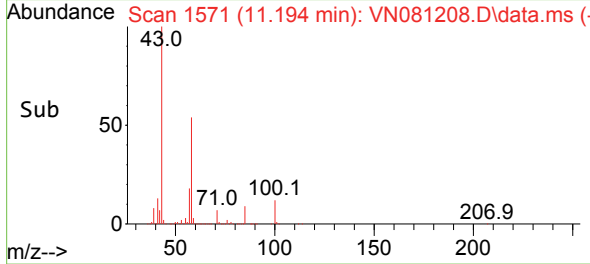
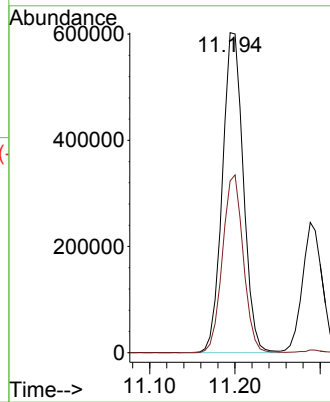
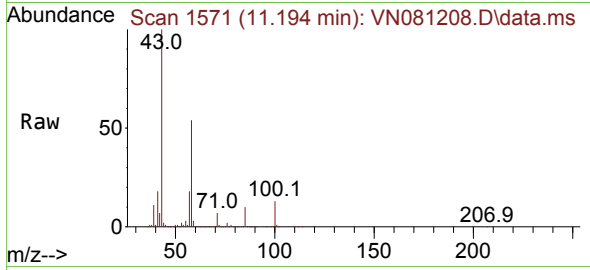




#59
2-Hexanone
Concen: 268.945 ug/l
RT: 11.194 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

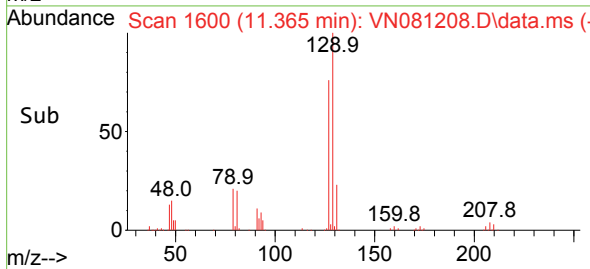
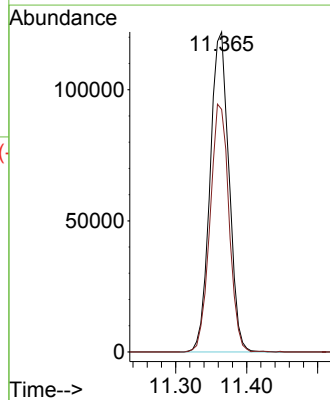
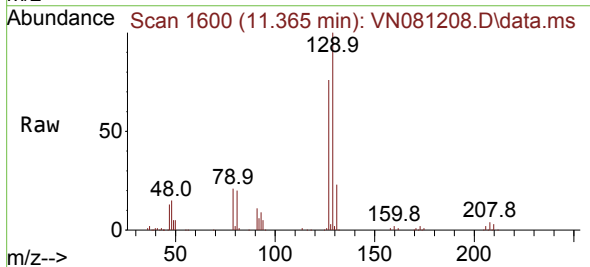
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

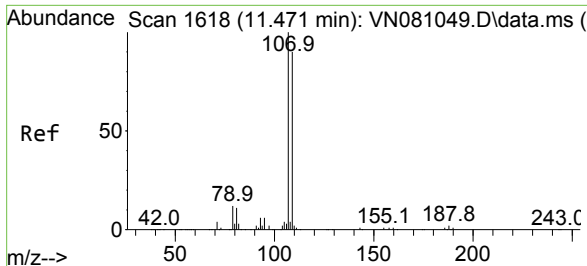
Tgt Ion: 43 Resp: 1030097
Ion Ratio Lower Upper
43 100
58 55.1 25.9 77.8



#60
Dibromochloromethane
Concen: 56.562 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

Tgt Ion:129 Resp: 225328
Ion Ratio Lower Upper
129 100
127 77.5 39.4 118.2

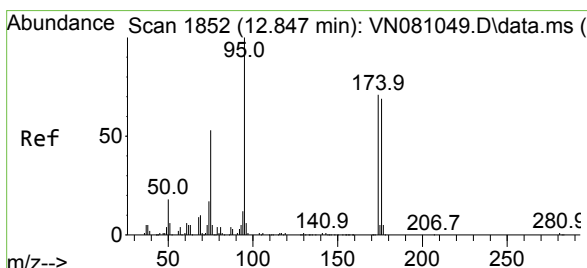
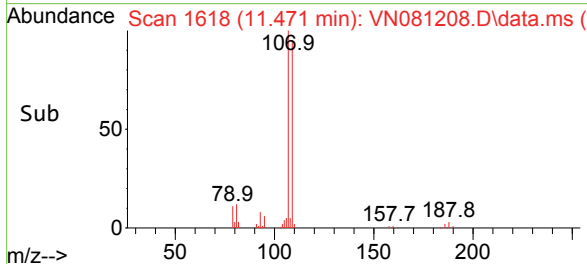
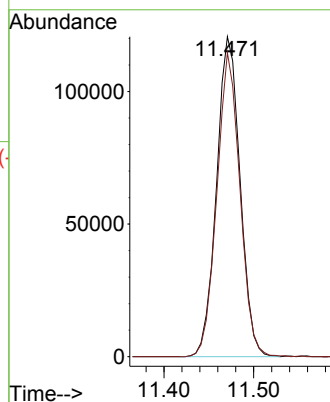
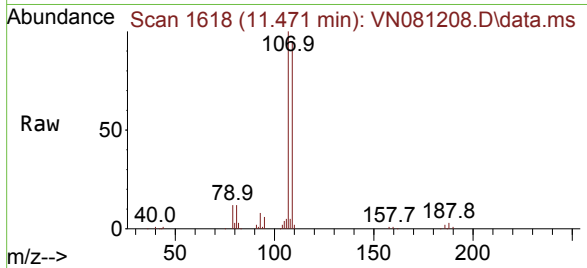




#61
1,2-Dibromoethane
Concen: 55.611 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

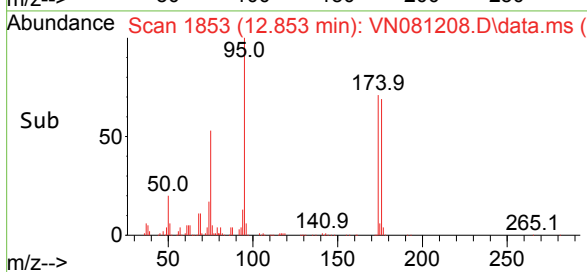
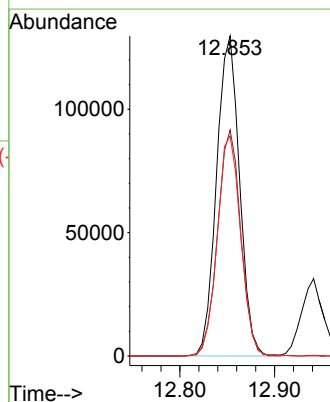
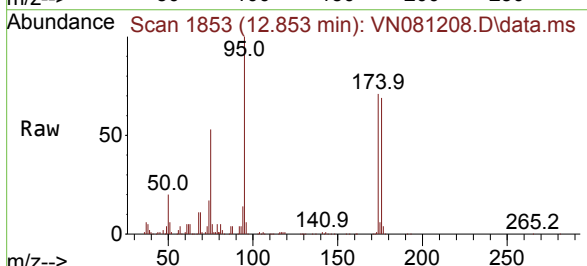
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

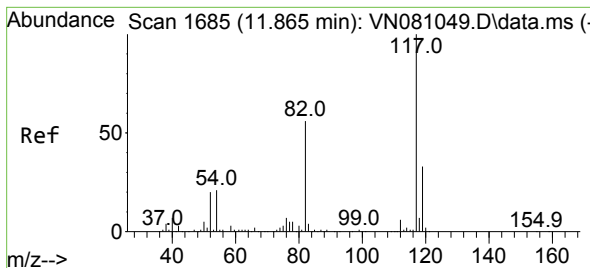
Tgt Ion:107 Resp: 219293
Ion Ratio Lower Upper
107 100
109 93.3 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 52.767 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

Tgt Ion: 95 Resp: 218706
Ion Ratio Lower Upper
95 100
174 71.0 0.0 120.4
176 69.9 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: VN081208.D

Acq: 27 Feb 2024 10:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

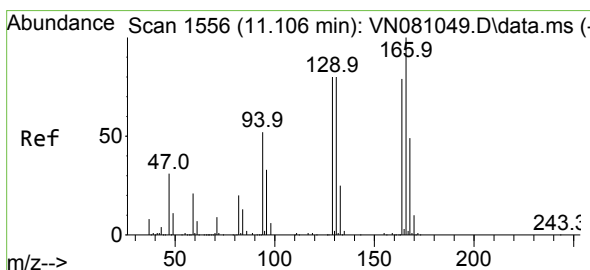
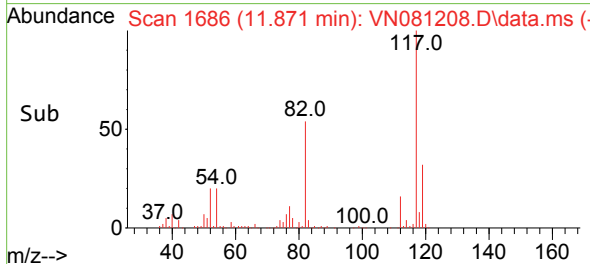
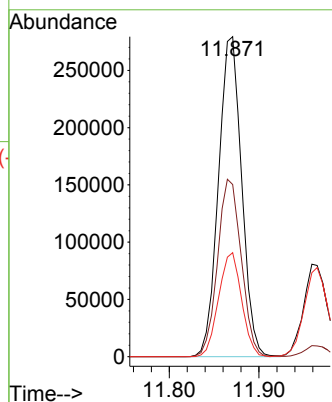
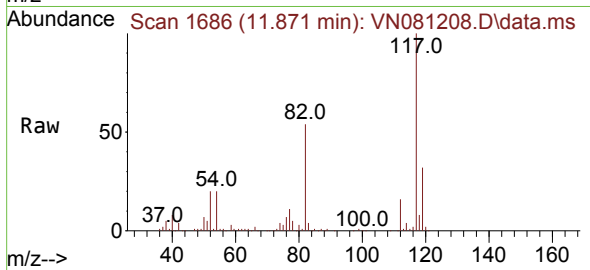
Tgt Ion:117 Resp: 501298

Ion Ratio Lower Upper

117 100

82 53.8 52.7 79.1

119 32.5 25.3 37.9



#64

Tetrachloroethene

Concen: 57.220 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN081208.D

Acq: 27 Feb 2024 10:18

Tgt Ion:164 Resp: 195770

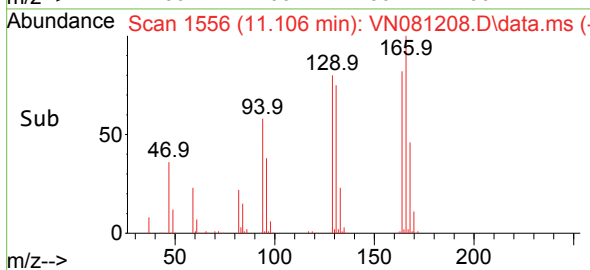
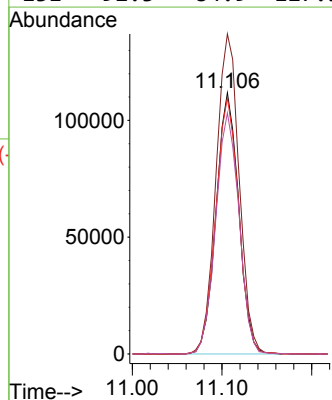
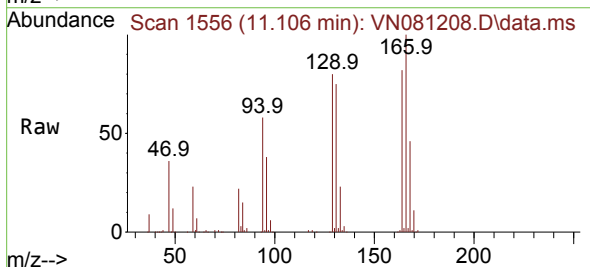
Ion Ratio Lower Upper

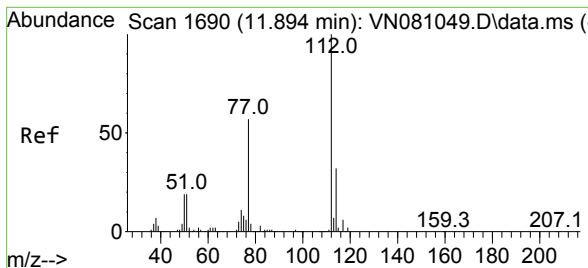
164 100

166 122.6 105.8 158.6

129 98.1 89.6 134.4

131 92.3 84.9 127.3

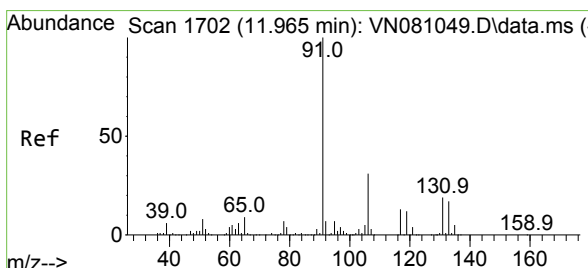
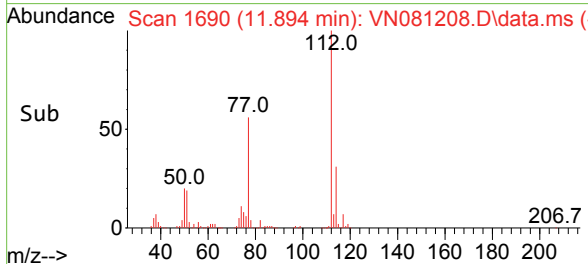
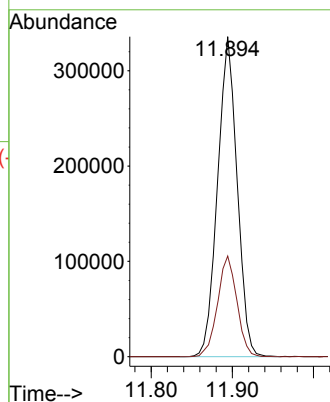
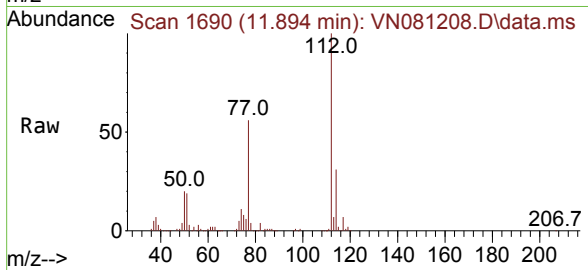




#65
Chlorobenzene
Concen: 51.808 ug/l
RT: 11.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

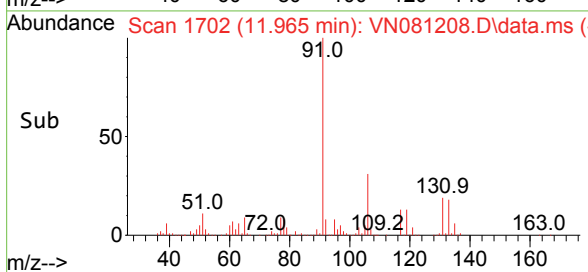
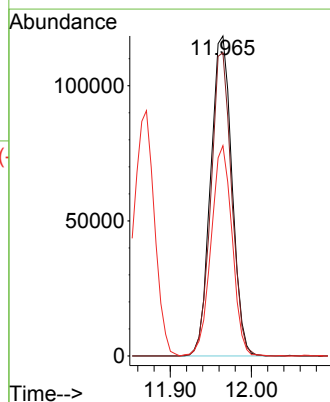
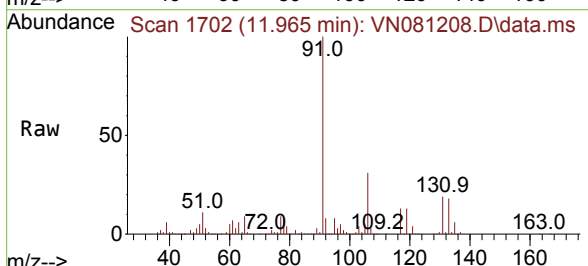
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

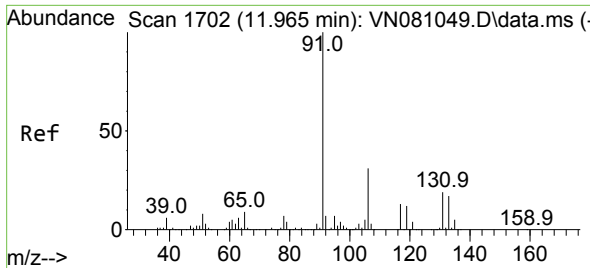
Tgt Ion:112 Resp: 562095
Ion Ratio Lower Upper
112 100
114 31.4 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 55.410 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

Tgt Ion:131 Resp: 215928
Ion Ratio Lower Upper
131 100
133 92.3 46.8 140.3
119 64.9 34.6 103.9

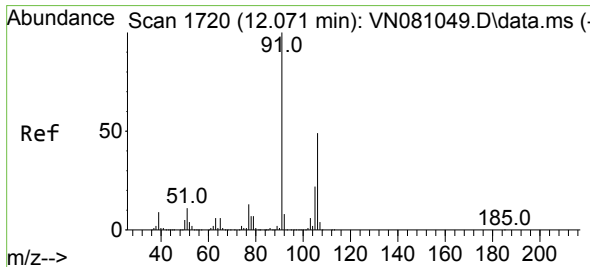
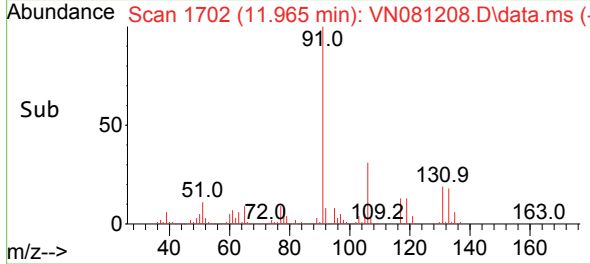
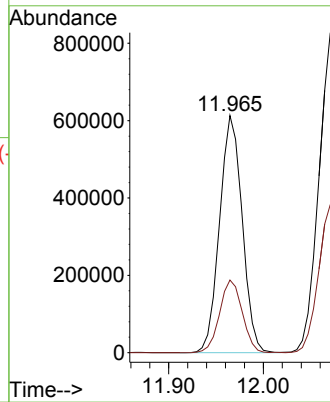
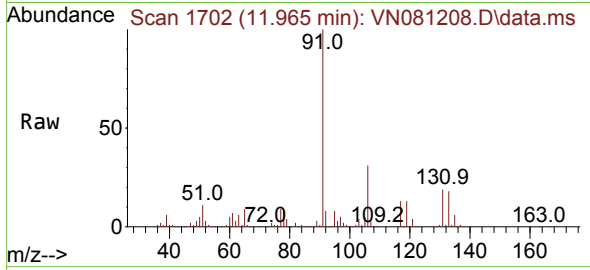




#67
Ethyl Benzene
Concen: 52.477 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

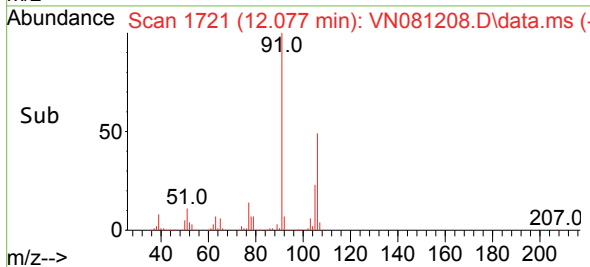
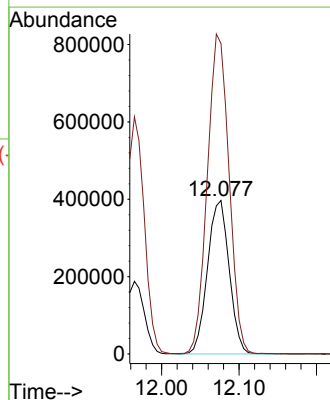
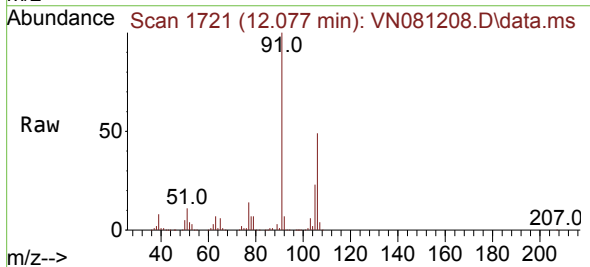
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

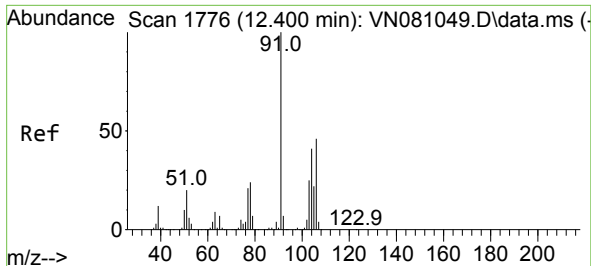
Tgt Ion: 91 Resp: 1018804
Ion Ratio Lower Upper
91 100
106 30.7 23.8 35.6



#68
m/p-Xylenes
Concen: 103.652 ug/l
RT: 12.077 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

Tgt Ion:106 Resp: 771332
Ion Ratio Lower Upper
106 100
91 209.1 169.0 253.6

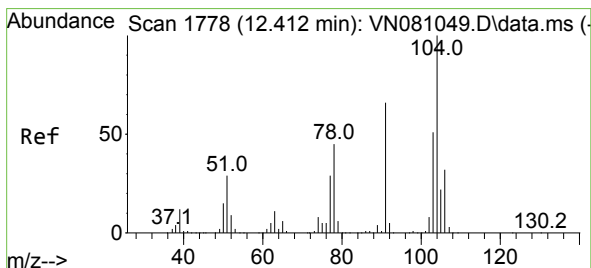
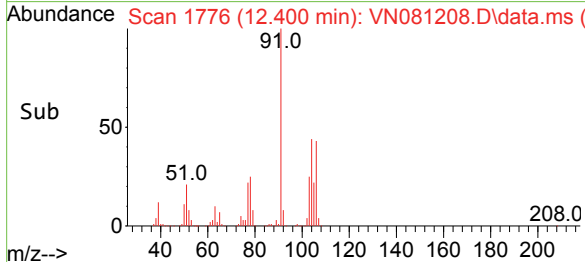
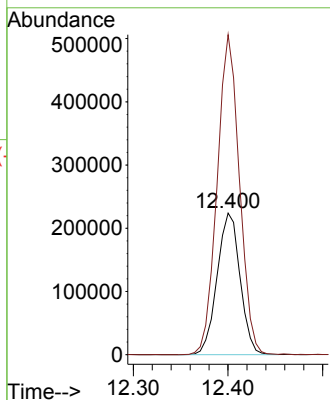
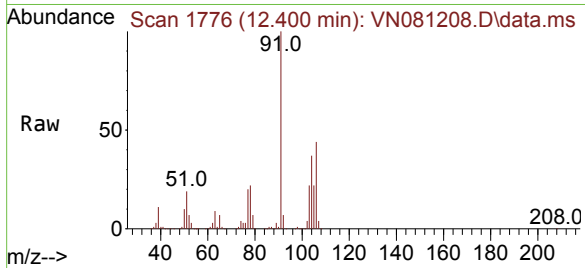




#69
o-Xylene
Concen: 51.198 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

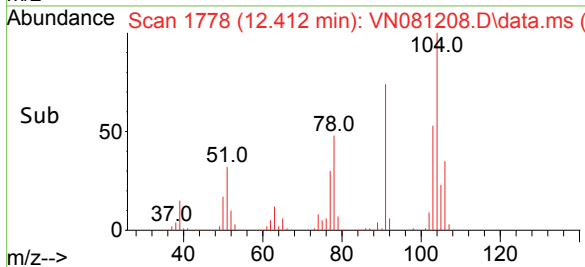
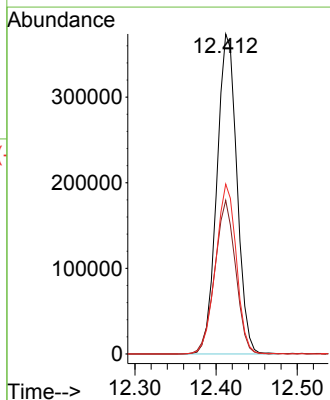
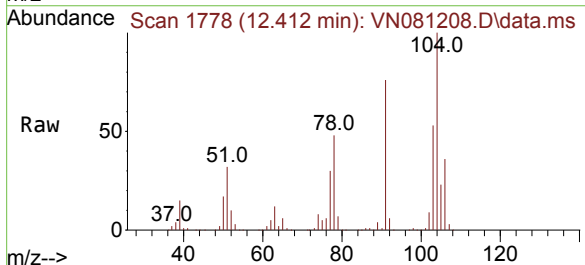
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

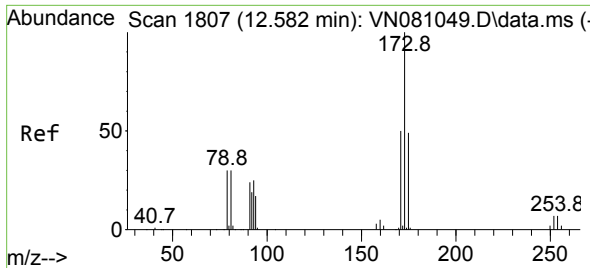
Tgt Ion:106 Resp: 377660
Ion Ratio Lower Upper
106 100
91 219.5 112.1 336.3



#70
Styrene
Concen: 55.008 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

Tgt Ion:104 Resp: 642984
Ion Ratio Lower Upper
104 100
78 49.8 43.8 65.8
103 54.7 44.2 66.2

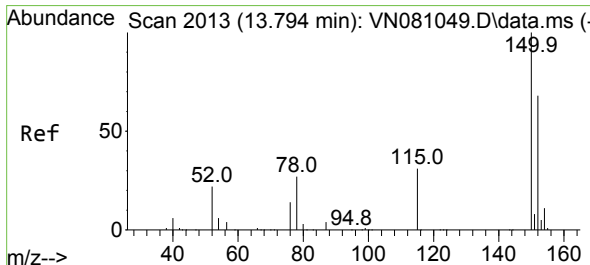
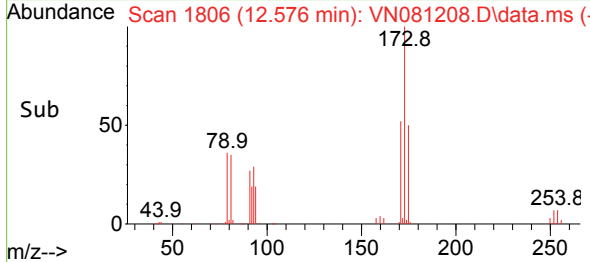
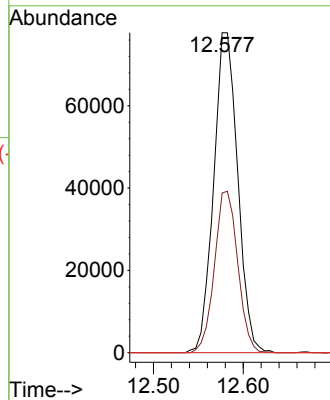
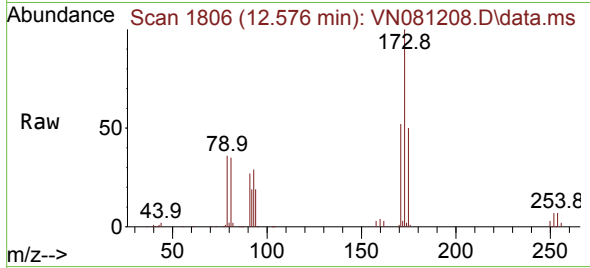




#71
Bromoform
Concen: 58.503 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

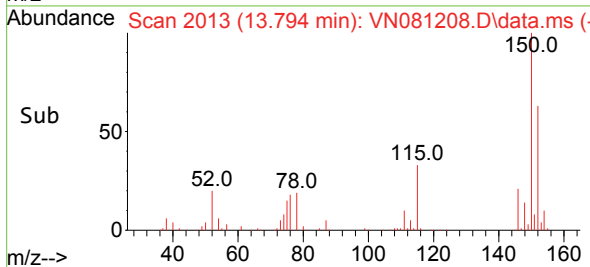
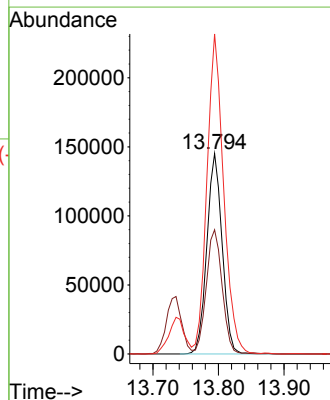
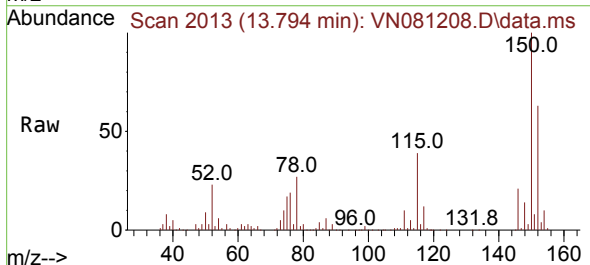
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

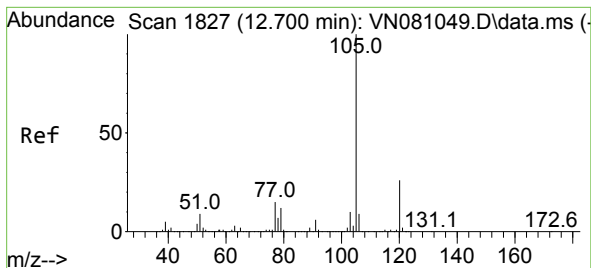
Tgt Ion:173 Resp: 144640
Ion Ratio Lower Upper
173 100
175 48.9 23.1 69.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

Tgt Ion:152 Resp: 236200
Ion Ratio Lower Upper
152 100
115 64.3 32.3 96.8
150 172.7 0.0 339.8





#73

Isopropylbenzene

Concen: 48.718 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN081208.D

Acq: 27 Feb 2024 10:18

Instrument :

MSVOA_N

ClientSampleId :

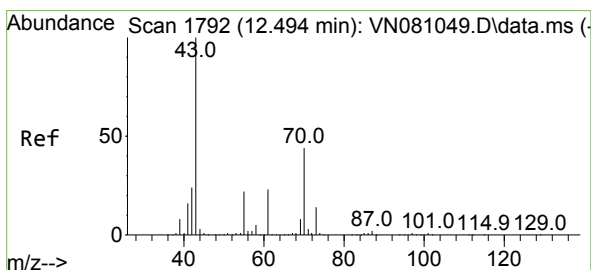
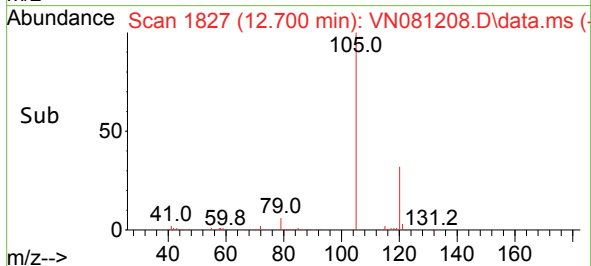
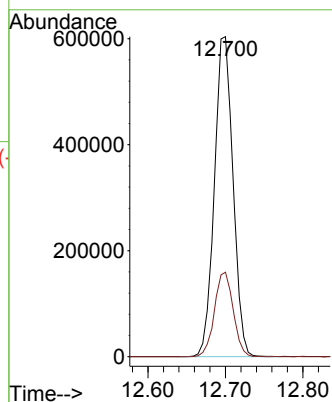
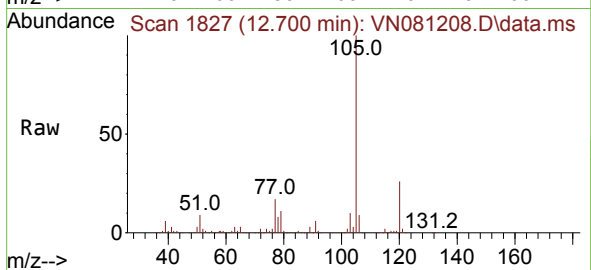
VSTDCCC050

Tgt Ion:105 Resp: 1006796

Ion Ratio Lower Upper

105 100

120 26.6 12.6 37.6



#74

N-ethyl acetate

Concen: 47.555 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN081208.D

Acq: 27 Feb 2024 10:18

Tgt Ion: 43 Resp: 415357

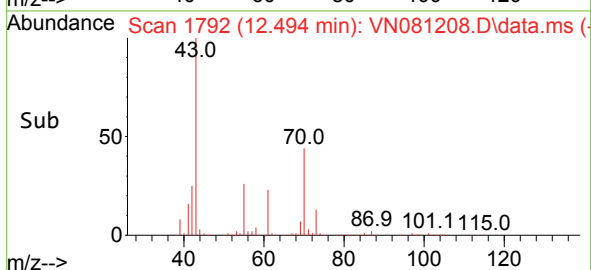
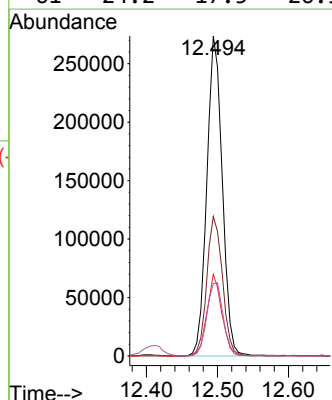
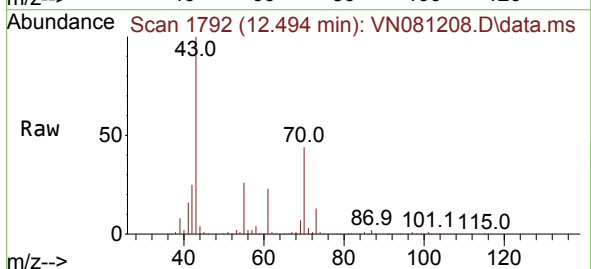
Ion Ratio Lower Upper

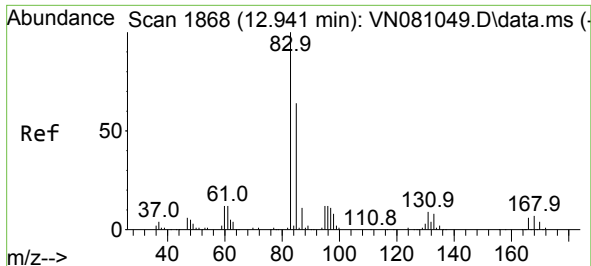
43 100

70 44.2 30.1 45.1

55 24.5 17.0 25.4

61 24.2 17.5 26.3

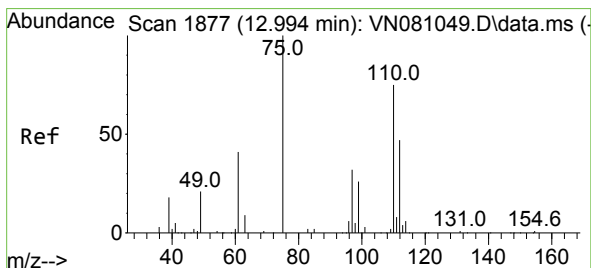
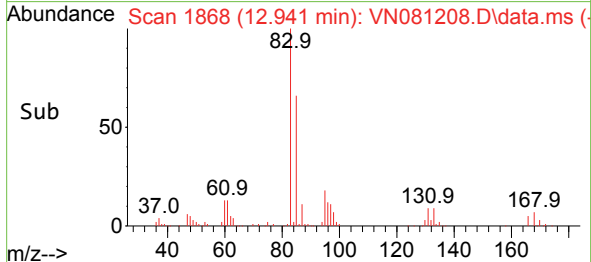
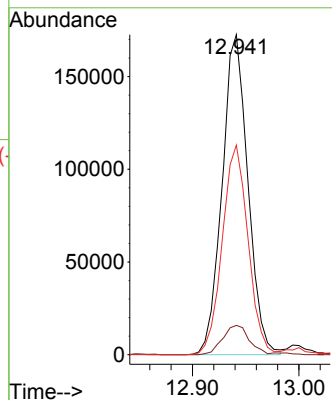
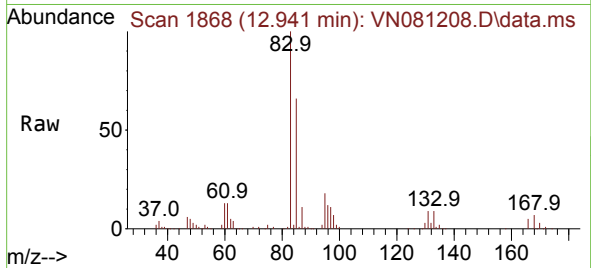




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.972 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN081208.D
 Acq: 27 Feb 2024 10:18

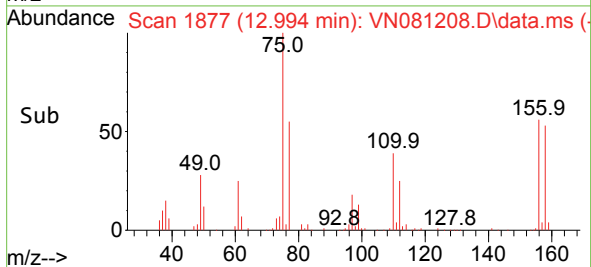
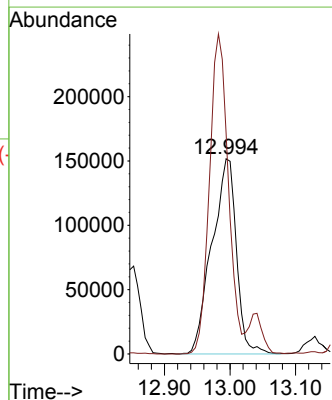
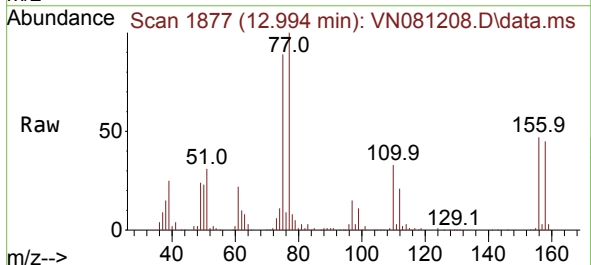
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

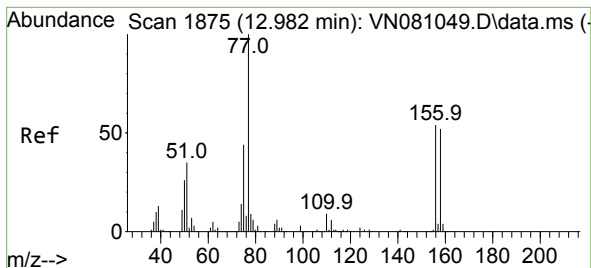
Tgt Ion: 83 Resp: 290389
 Ion Ratio Lower Upper
 83 100
 131 9.6 4.1 12.3
 85 65.5 32.1 96.3



#76
 1,2,3-Trichloropropane
 Concen: 73.301 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN081208.D
 Acq: 27 Feb 2024 10:18

Tgt Ion: 75 Resp: 393381
 Ion Ratio Lower Upper
 75 100
 77 127.3 91.0 272.8





#77

Bromobenzene

Concen: 48.373 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN081208.D

Acq: 27 Feb 2024 10:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

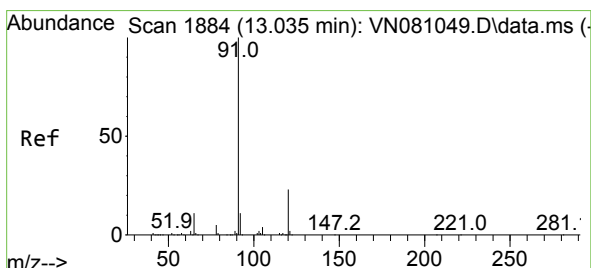
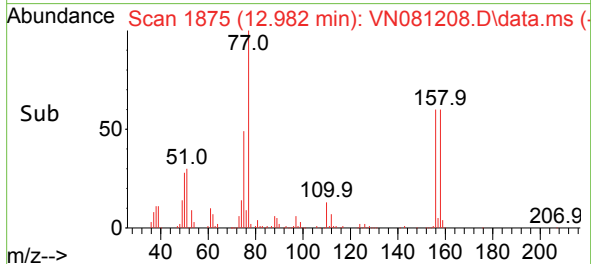
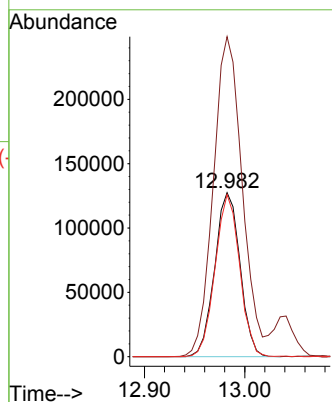
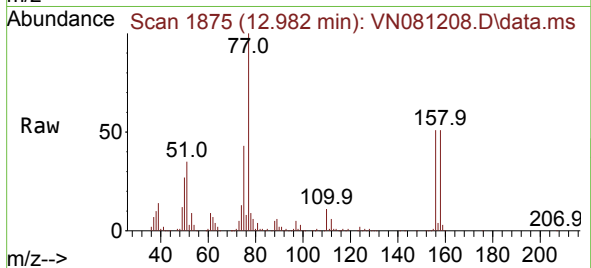
Tgt Ion:156 Resp: 222900

Ion Ratio Lower Upper

156 100

77 224.7 138.1 414.3

158 95.8 46.5 139.5



#78

n-propylbenzene

Concen: 50.617 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN081208.D

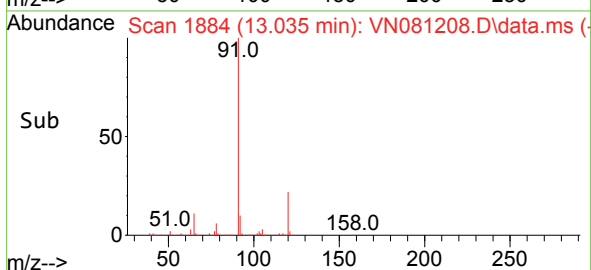
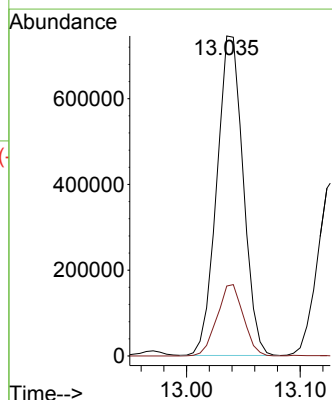
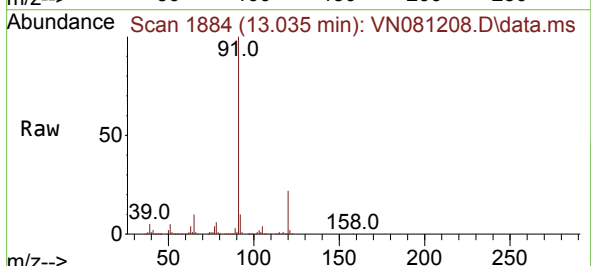
Acq: 27 Feb 2024 10:18

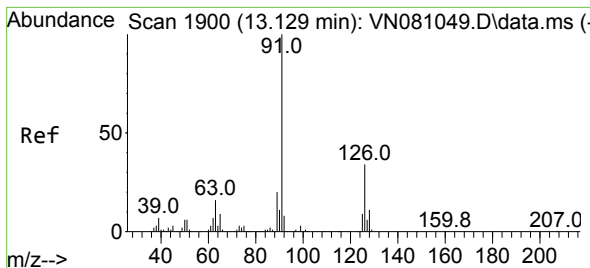
Tgt Ion: 91 Resp: 1204198

Ion Ratio Lower Upper

91 100

120 22.3 10.3 30.9





#79

2-Chlorotoluene

Concen: 48.794 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN081208.D

Acq: 27 Feb 2024 10:18

Instrument :

MSVOA_N

ClientSampleId :

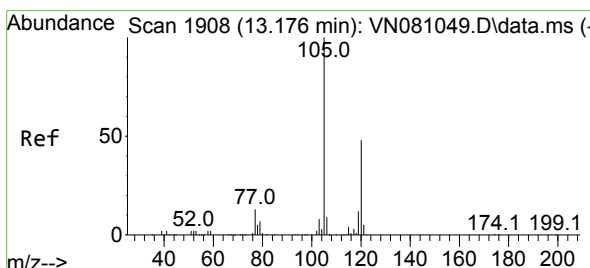
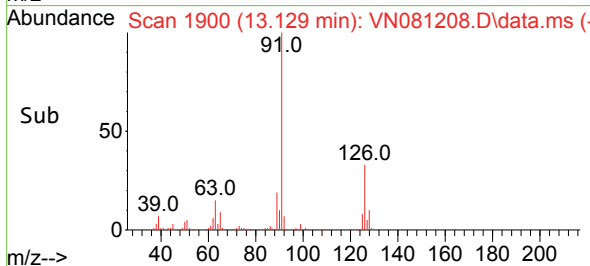
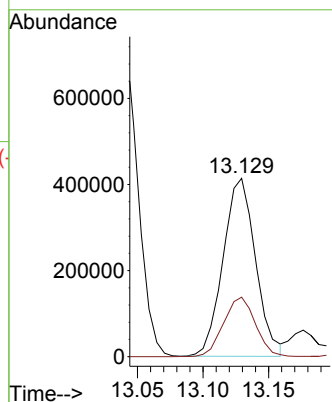
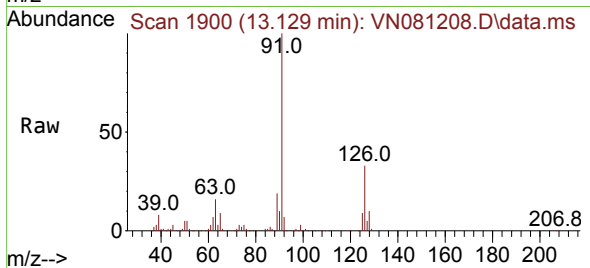
VSTDCCC050

Tgt Ion: 91 Resp: 712016

Ion Ratio Lower Upper

91 100

126 32.9 14.8 44.4



#80

1,3,5-Trimethylbenzene

Concen: 50.638 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN081208.D

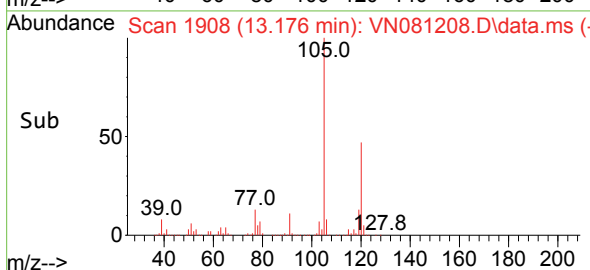
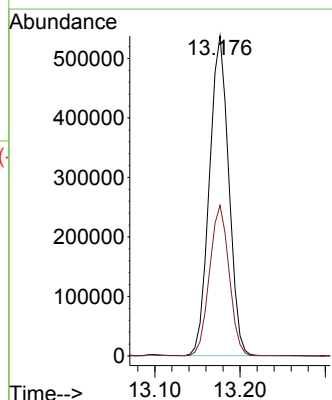
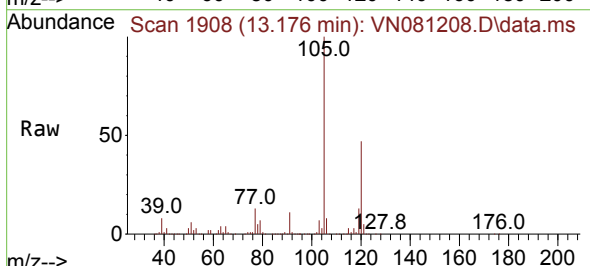
Acq: 27 Feb 2024 10:18

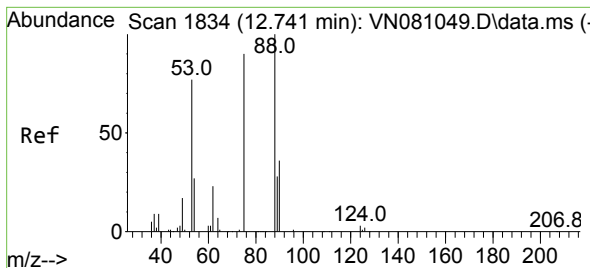
Tgt Ion: 105 Resp: 848477

Ion Ratio Lower Upper

105 100

120 47.4 23.0 69.0

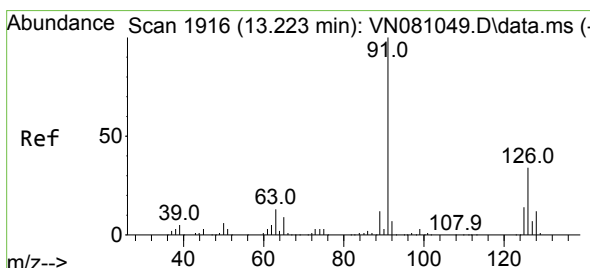
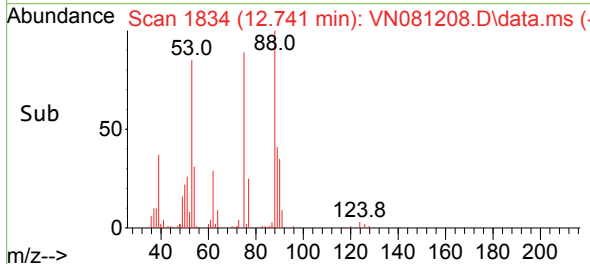
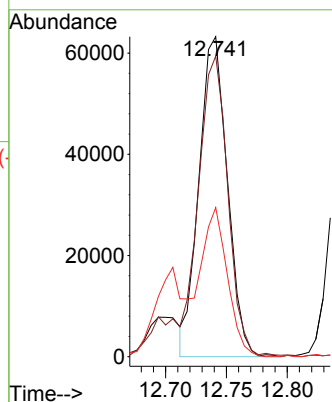
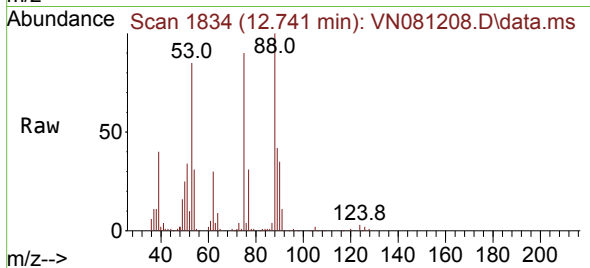




#81
trans-1,4-Dichloro-2-butene
Concen: 49.311 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

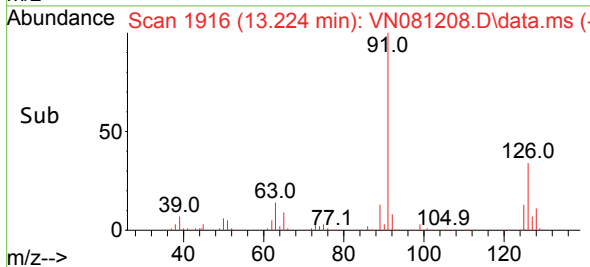
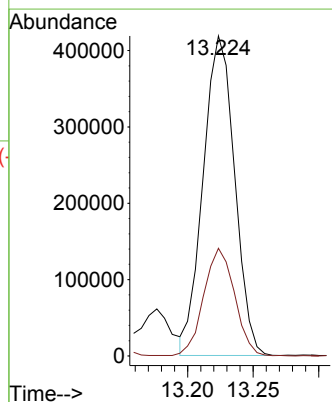
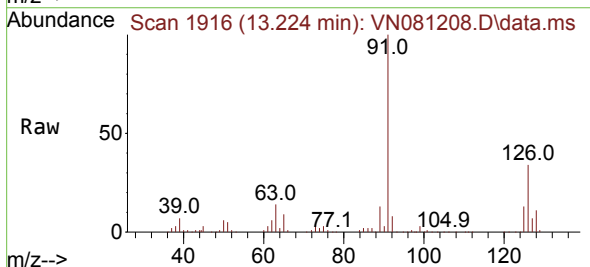
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

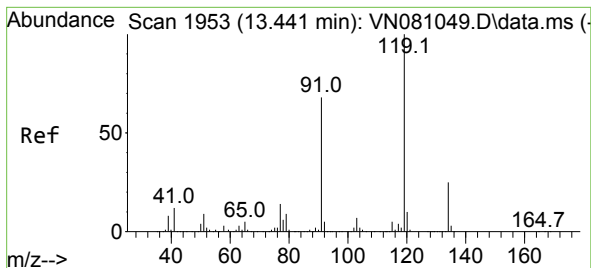
Tgt Ion: 75 Resp: 102814
Ion Ratio Lower Upper
75 100
53 109.9 71.4 107.2#
89 44.2 33.4 50.0



#82
4-Chlorotoluene
Concen: 49.030 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

Tgt Ion: 91 Resp: 699561
Ion Ratio Lower Upper
91 100
126 33.1 15.3 45.9

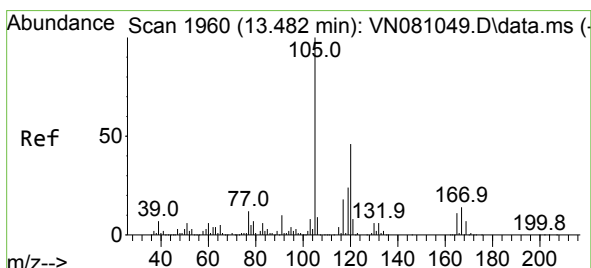
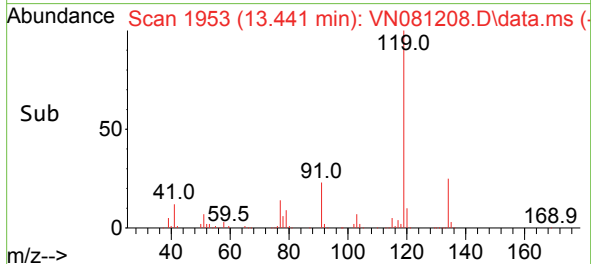
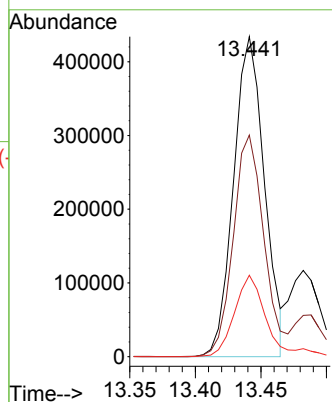
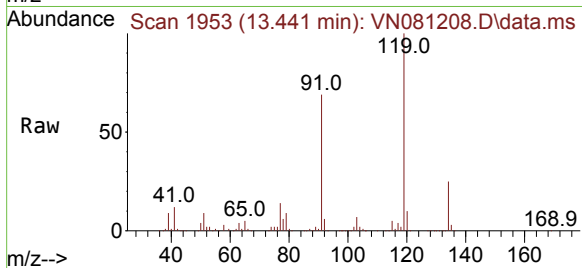




#83
tert-Butylbenzene
Concen: 48.979 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

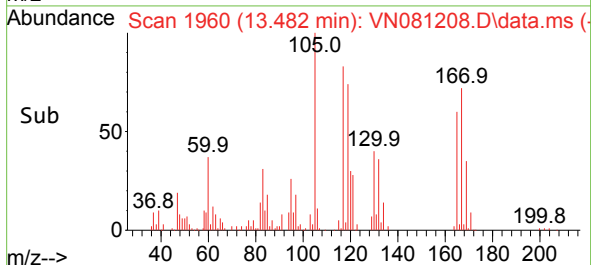
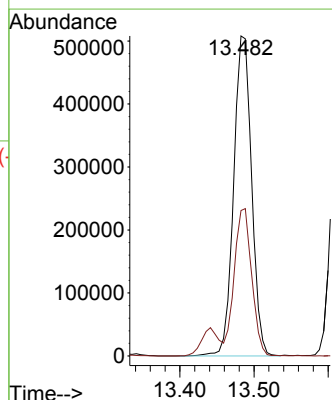
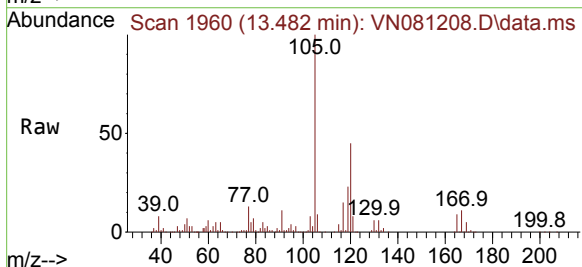
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

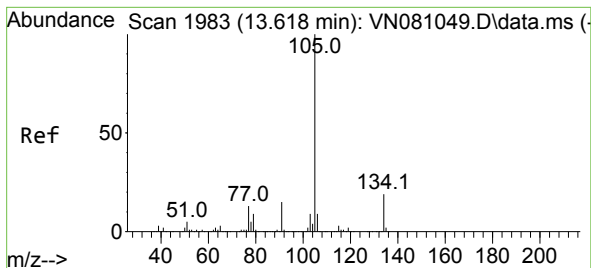
Tgt Ion:119 Resp: 709631
Ion Ratio Lower Upper
119 100
91 69.2 36.8 110.4
134 26.5 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 51.135 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081208.D
Acq: 27 Feb 2024 10:18

Tgt Ion:105 Resp: 853790
Ion Ratio Lower Upper
105 100
120 44.7 20.9 62.7





#85

sec-Butylbenzene

Concen: 52.445 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN081208.D

Acq: 27 Feb 2024 10:18

Instrument :

MSVOA_N

ClientSampleId :

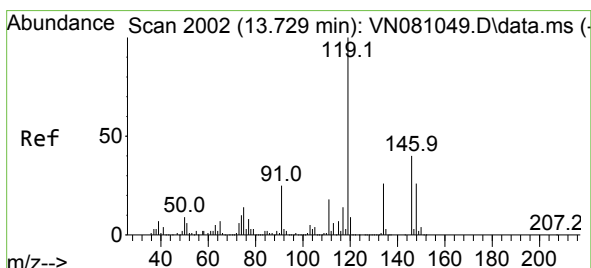
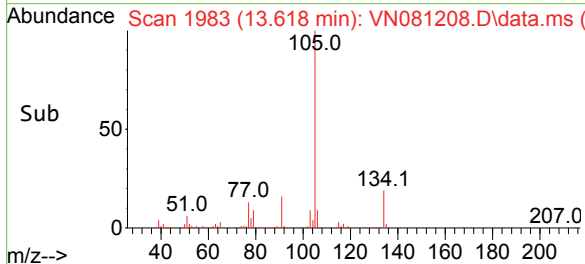
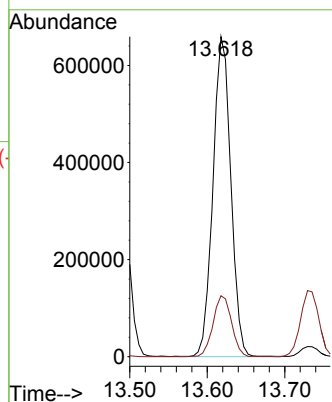
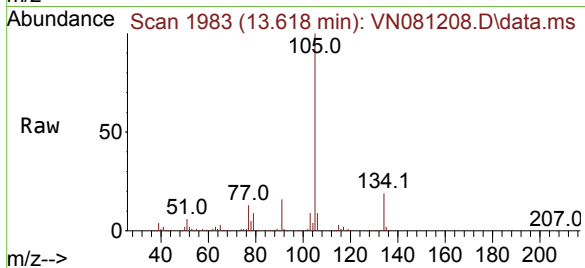
VSTDCCC050

Tgt Ion:105 Resp: 1056335

Ion Ratio Lower Upper

105 100

134 19.7 8.6 25.8



#86

p-Isopropyltoluene

Concen: 52.054 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN081208.D

Acq: 27 Feb 2024 10:18

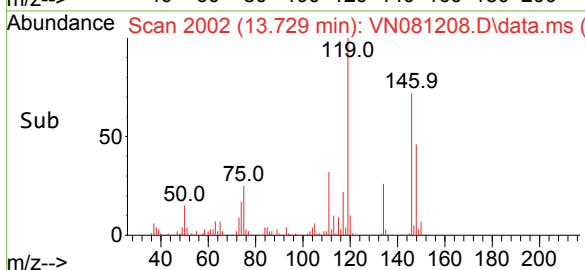
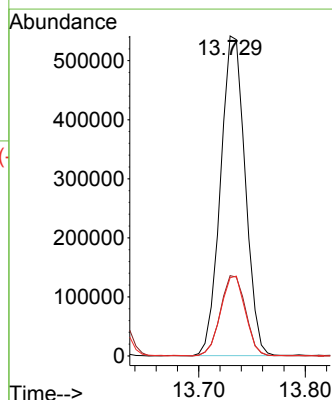
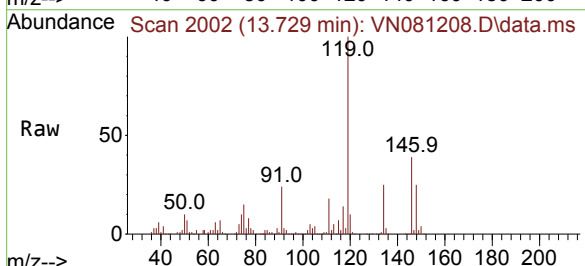
Tgt Ion:119 Resp: 870861

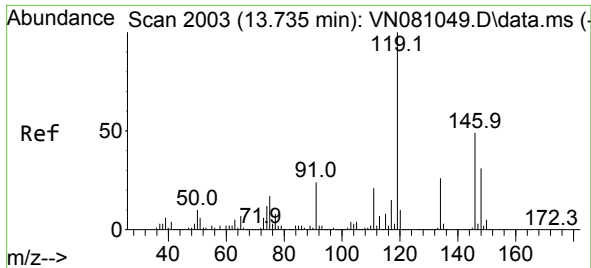
Ion Ratio Lower Upper

119 100

134 25.7 12.4 37.2

91 24.8 13.5 40.4





#87

1,3-Dichlorobenzene

Concen: 48.157 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN081208.D

Acq: 27 Feb 2024 10:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

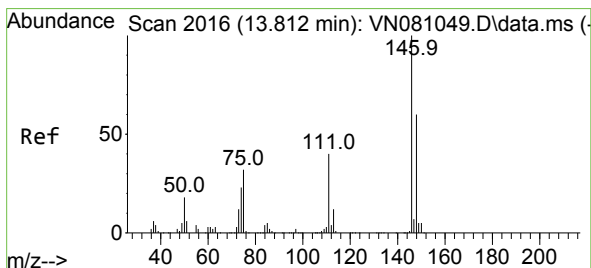
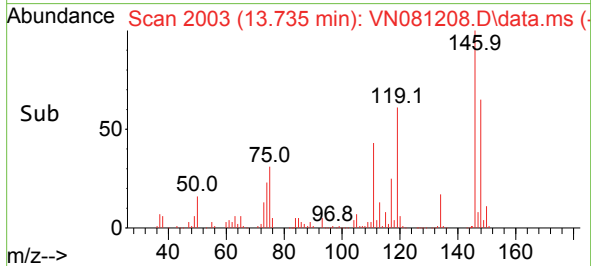
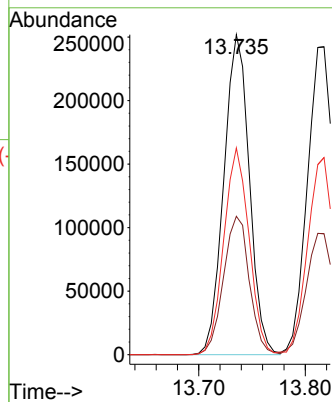
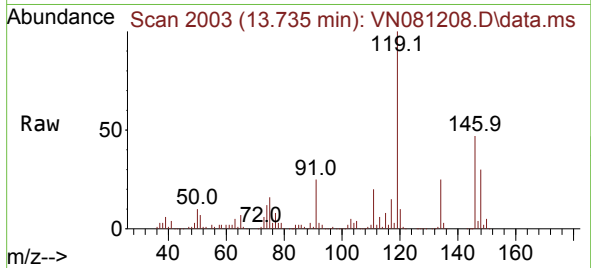
Tgt Ion:146 Resp: 419276

Ion Ratio Lower Upper

146 100

111 43.9 23.9 71.7

148 64.0 32.6 97.7



#88

1,4-Dichlorobenzene

Concen: 49.799 ug/l

RT: 13.818 min Scan# 2017

Delta R.T. 0.006 min

Lab File: VN081208.D

Acq: 27 Feb 2024 10:18

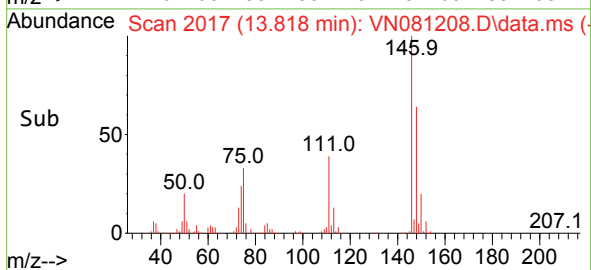
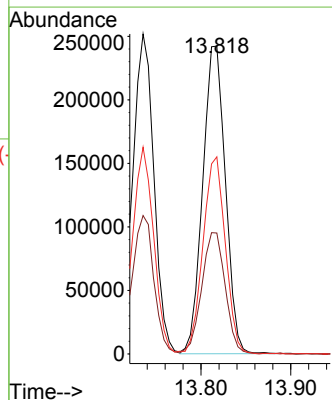
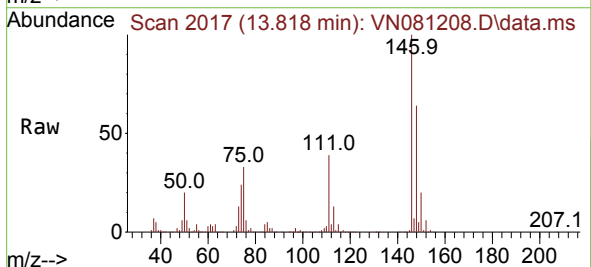
Tgt Ion:146 Resp: 426033

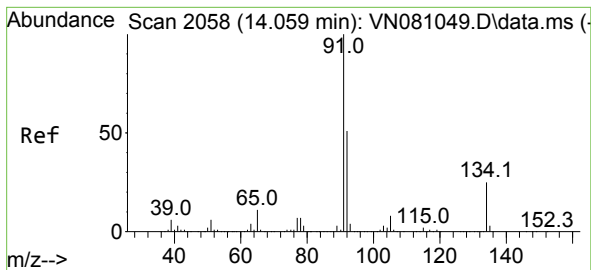
Ion Ratio Lower Upper

146 100

111 40.7 22.6 67.7

148 63.4 31.9 95.5





#89

n-Butylbenzene

Concen: 53.449 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081208.D

Acq: 27 Feb 2024 10:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

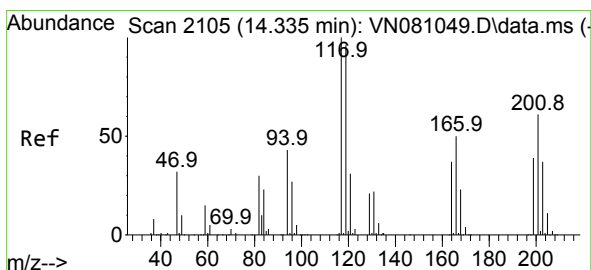
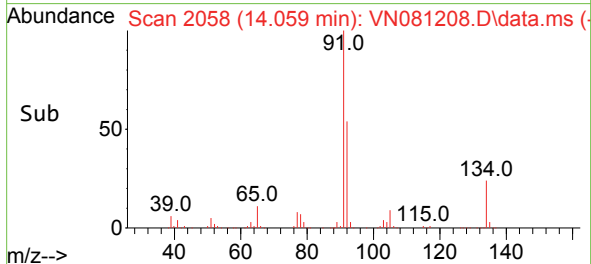
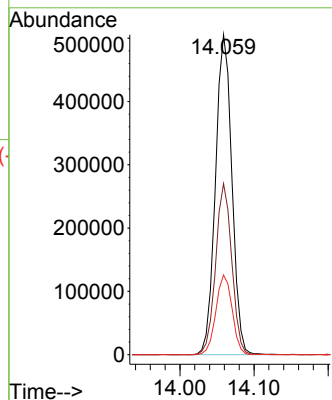
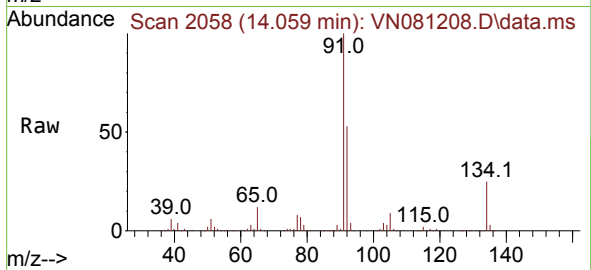
Tgt Ion: 91 Resp: 779035

Ion Ratio Lower Upper

91 100

92 52.5 26.7 80.1

134 24.6 10.8 32.4



#90

Hexachloroethane

Concen: 52.716 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN081208.D

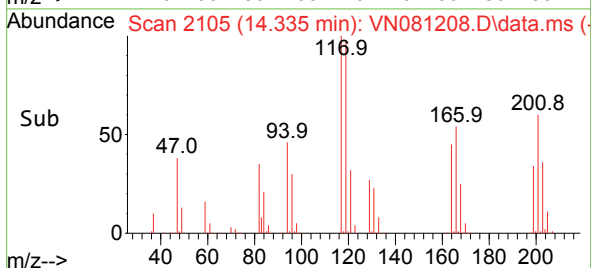
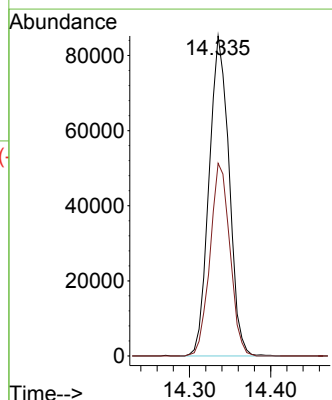
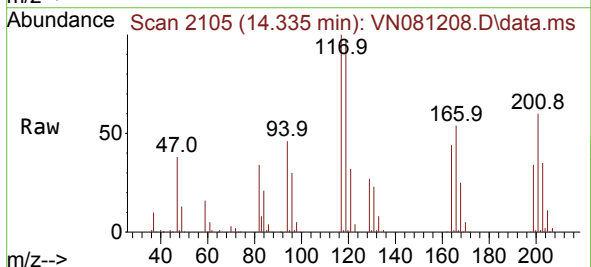
Acq: 27 Feb 2024 10:18

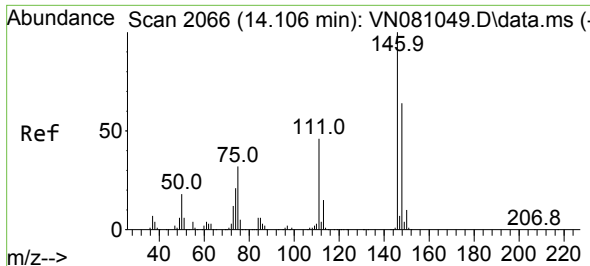
Tgt Ion: 117 Resp: 145782

Ion Ratio Lower Upper

117 100

201 59.8 30.0 90.0

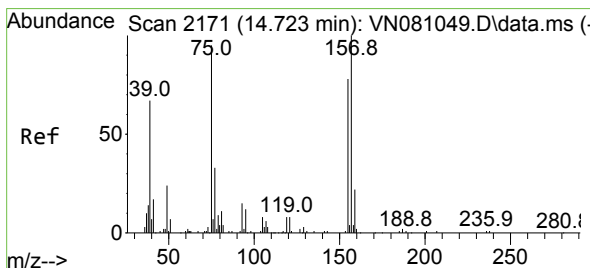
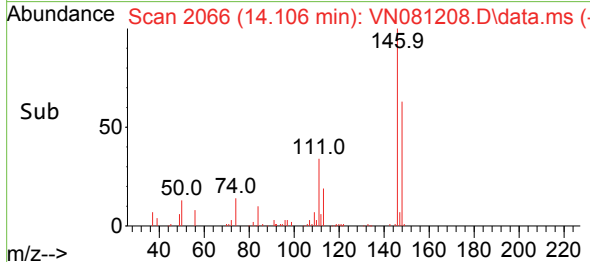
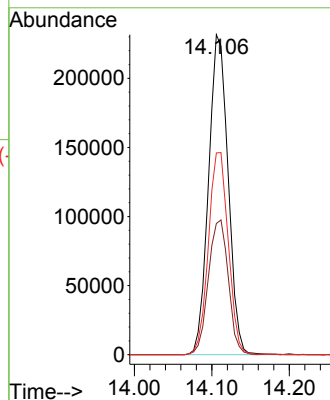
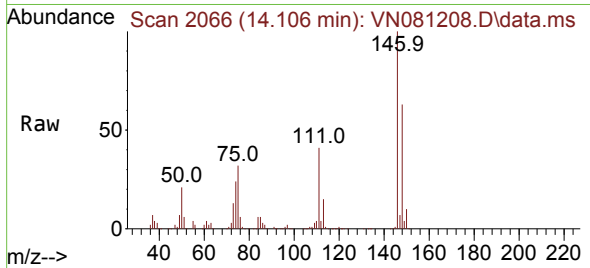




#91
 1,2-Dichlorobenzene
 Concen: 48.287 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: VN081208.D
 Acq: 27 Feb 2024 10:18

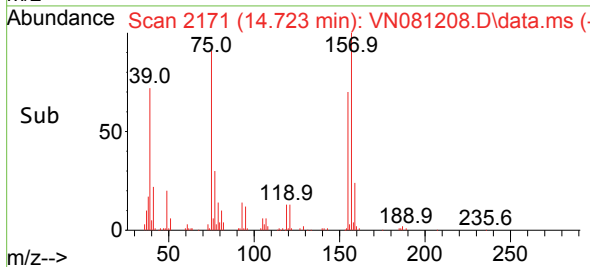
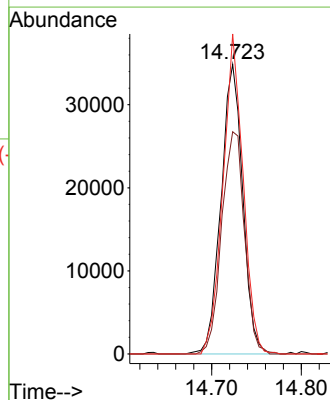
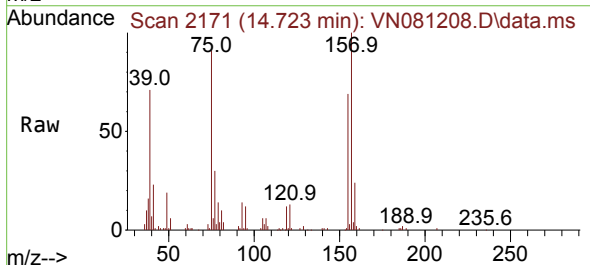
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

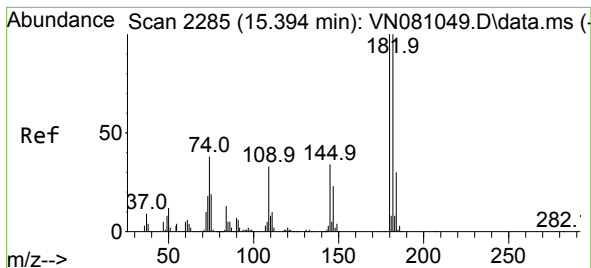
Tgt Ion:146 Resp: 405472
 Ion Ratio Lower Upper
 146 100
 111 43.0 23.9 71.8
 148 64.1 31.4 94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.552 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN081208.D
 Acq: 27 Feb 2024 10:18

Tgt Ion: 75 Resp: 58659
 Ion Ratio Lower Upper
 75 100
 155 80.2 31.8 95.4
 157 102.4 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 50.399 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN081208.D

Acq: 27 Feb 2024 10:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

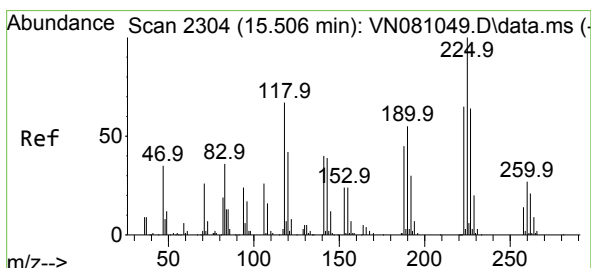
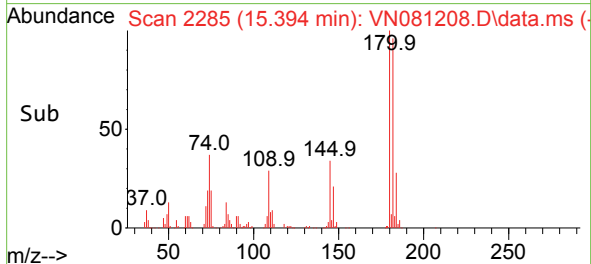
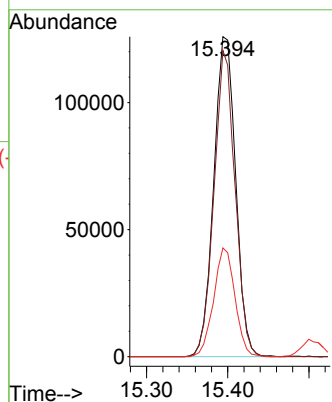
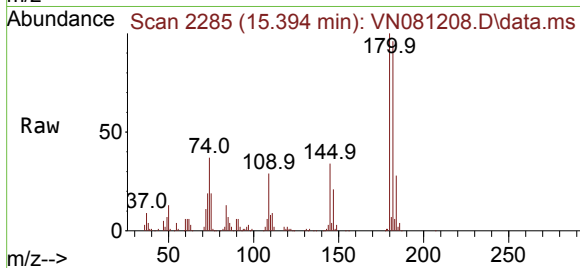
Tgt Ion:180 Resp: 236108

Ion Ratio Lower Upper

180 100

182 92.1 46.6 139.7

145 33.1 16.8 50.3



#94

Hexachlorobutadiene

Concen: 48.515 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN081208.D

Acq: 27 Feb 2024 10:18

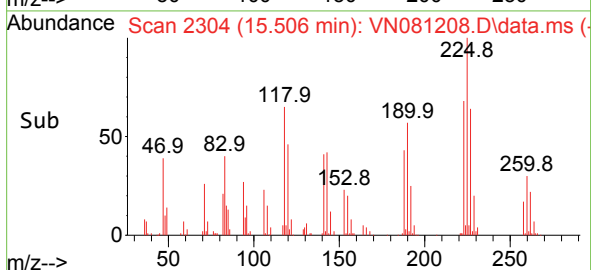
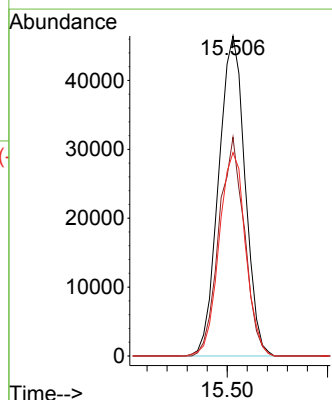
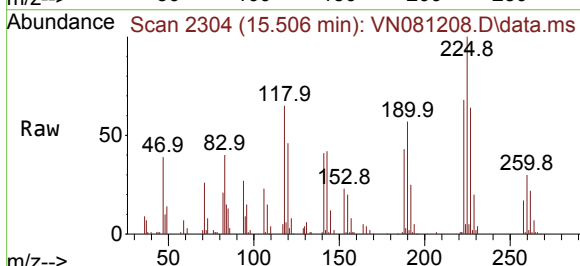
Tgt Ion:225 Resp: 84764

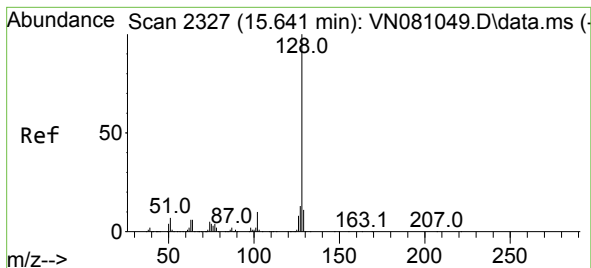
Ion Ratio Lower Upper

225 100

223 65.7 33.3 99.8

227 63.6 33.1 99.2





#95

Naphthalene

Concen: 48.786 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081208.D

Acq: 27 Feb 2024 10:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

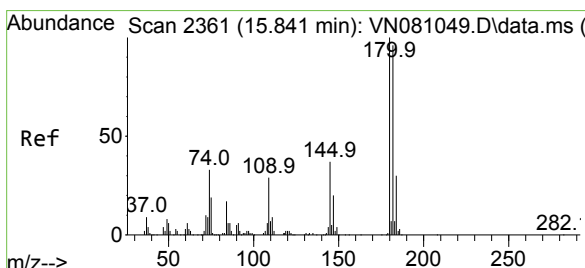
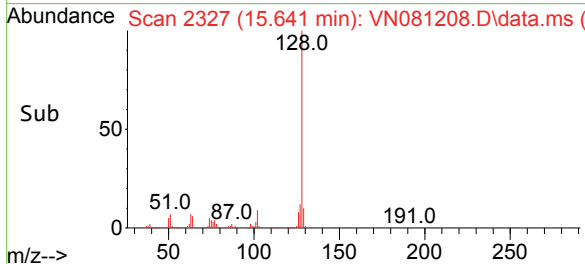
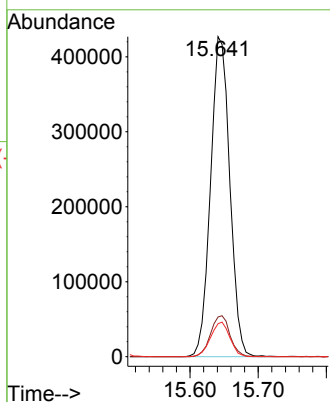
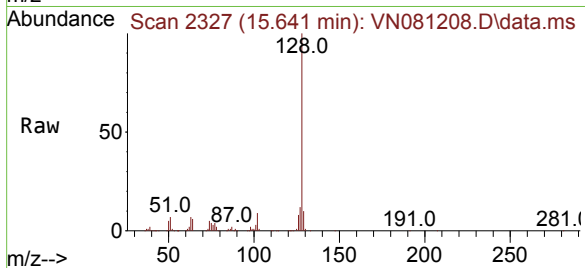
Tgt Ion:128 Resp: 837531

Ion Ratio Lower Upper

128 100

127 13.0 10.0 15.0

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 49.426 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN081208.D

Acq: 27 Feb 2024 10:18

Tgt Ion:180 Resp: 229704

Ion Ratio Lower Upper

180 100

182 95.5 46.5 139.3

145 36.1 17.8 53.4

