

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032724\
 Data File : VN081581.D
 Acq On : 27 Mar 2024 12:43
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 28 01:24:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	341509	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	591356	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	545391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	267921	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	209485	48.101	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.200%
35) Dibromofluoromethane	8.165	113	189577	50.797	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.600%
50) Toluene-d8	10.565	98	658015	48.775	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.540%
62) 4-Bromofluorobenzene	12.847	95	242247	50.960	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	101.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	238923	51.958	ug/l	95
3) Chloromethane	2.359	50	231796	50.628	ug/l	94
4) Vinyl Chloride	2.518	62	277881	54.082	ug/l	95
5) Bromomethane	2.954	94	197109	54.243	ug/l	95
6) Chloroethane	3.124	64	193822	54.940	ug/l	97
7) Trichlorofluoromethane	3.501	101	434274	56.711	ug/l	95
8) Diethyl Ether	3.959	74	147763	58.306	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.377	101	247413	56.862	ug/l #	89
10) Methyl Iodide	4.595	142	271537	62.667	ug/l	99
11) Tert butyl alcohol	5.518	59	215760	284.283	ug/l	100
12) 1,1-Dichloroethene	4.342	96	226438	56.183	ug/l	85
13) Acrolein	4.177	56	207403	304.541	ug/l	99
14) Allyl chloride	5.024	41	275962	54.643	ug/l #	86
15) Acrylonitrile	5.718	53	556011	273.840	ug/l	98
16) Acetone	4.418	43	366992	260.744	ug/l	95
17) Carbon Disulfide	4.718	76	570346	49.313	ug/l	99
18) Methyl Acetate	5.024	43	259264	59.749	ug/l #	86
19) Methyl tert-butyl Ether	5.795	73	770409	61.078	ug/l	99
20) Methylene Chloride	5.283	84	269531	58.461	ug/l	85
21) trans-1,2-Dichloroethene	5.789	96	253440	56.398	ug/l	86
22) Diisopropyl ether	6.665	45	740189	63.078	ug/l #	91
23) Vinyl Acetate	6.600	43	2731771	292.469	ug/l #	88
24) 1,1-Dichloroethane	6.565	63	459022	58.403	ug/l	98
25) 2-Butanone	7.483	43	638326	264.414	ug/l #	88
26) 2,2-Dichloropropane	7.489	77	395194	57.973	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	308273	60.630	ug/l	83
28) Bromochloromethane	7.812	49	165424	51.675	ug/l #	52
29) Tetrahydrofuran	7.836	42	441161	271.265	ug/l #	79
30) Chloroform	7.965	83	502158	59.682	ug/l	94
31) Cyclohexane	8.259	56	364617	51.449	ug/l #	71
32) 1,1,1-Trichloroethane	8.171	97	454666	59.561	ug/l #	91
36) 1,1-Dichloropropene	8.371	75	355915	56.669	ug/l	95
37) Ethyl Acetate	7.559	43	278404	51.766	ug/l	98
38) Carbon Tetrachloride	8.359	117	397624	57.793	ug/l	98
39) Methylcyclohexane	9.606	83	406841	58.006	ug/l #	84
40) Benzene	8.606	78	1074360	58.511	ug/l	96

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	162061	56.980	ug/l	90
42) 1,2-Dichloroethane	8.671	62	375825	58.160	ug/l	97
43) Isopropyl Acetate	8.688	43	485784	54.492	ug/l #	89
44) Trichloroethene	9.353	130	296501	57.414	ug/l	93
45) 1,2-Dichloropropane	9.624	63	269887	60.648	ug/l	97
46) Dibromomethane	9.712	93	201167	59.526	ug/l #	88
47) Bromodichloromethane	9.888	83	416975	63.107	ug/l #	95
48) Methyl methacrylate	9.683	41	227784	55.397	ug/l #	82
49) 1,4-Dioxane	9.694	88	97296	984.639	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	1483772	272.766	ug/l	91
52) Toluene	10.630	92	698735	59.871	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	429523	60.201	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	460904	60.252	ug/l	88
55) 1,1,2-Trichloroethane	11.018	97	284150	60.499	ug/l	92
56) Ethyl methacrylate	10.877	69	388801	54.992	ug/l #	82
57) 1,3-Dichloropropane	11.165	76	474169	61.584	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	855626	289.520	ug/l #	85
59) 2-Hexanone	11.194	43	1080321	268.616	ug/l	90
60) Dibromochloromethane	11.359	129	317589	61.485	ug/l	100
61) 1,2-Dibromoethane	11.471	107	292091	60.999	ug/l	99
64) Tetrachloroethene	11.106	164	298734	57.303	ug/l	91
65) Chlorobenzene	11.894	112	753971	58.479	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	295789	61.900	ug/l	97
67) Ethyl Benzene	11.965	91	1353459	60.433	ug/l	97
68) m/p-Xylenes	12.071	106	1062775	126.582	ug/l	92
69) o-Xylene	12.400	106	520517	63.150	ug/l	91
70) Styrene	12.412	104	853614	64.212	ug/l	95
71) Bromoform	12.582	173	216414	60.268	ug/l #	99
73) Isopropylbenzene	12.694	105	1333308	58.381	ug/l	98
74) N-amyl acetate	12.494	43	448196	54.230	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	362805	54.032	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	495597	77.331	ug/l	64
77) Bromobenzene	12.982	156	322806	57.219	ug/l	69
78) n-propylbenzene	13.035	91	1594479	59.120	ug/l	95
79) 2-Chlorotoluene	13.123	91	944891	58.536	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	1146786	60.796	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	132357	55.809	ug/l	98
82) 4-Chlorotoluene	13.223	91	926815	58.237	ug/l	93
83) tert-Butylbenzene	13.441	119	965227	59.340	ug/l	91
84) 1,2,4-Trimethylbenzene	13.482	105	1155808	60.965	ug/l	94
85) sec-Butylbenzene	13.618	105	1385103	59.566	ug/l	93
86) p-Isopropyltoluene	13.729	119	1160375	61.046	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	610532	58.902	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	609495	56.788	ug/l	96
89) n-Butylbenzene	14.059	91	1012721	60.084	ug/l	97
90) Hexachloroethane	14.335	117	211719	58.813	ug/l	91
91) 1,2-Dichlorobenzene	14.106	146	588593	58.998	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	70370	49.244	ug/l	64
93) 1,2,4-Trichlorobenzene	15.394	180	330313	57.261	ug/l	97
94) Hexachlorobutadiene	15.500	225	135560	53.560	ug/l	95
95) Naphthalene	15.641	128	1073745	57.445	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	334215	57.600	ug/l	99

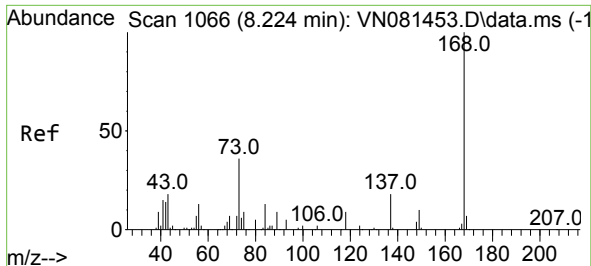
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032724\
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Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
Response via : Initial Calibration

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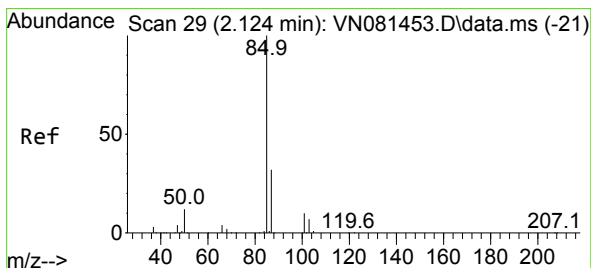
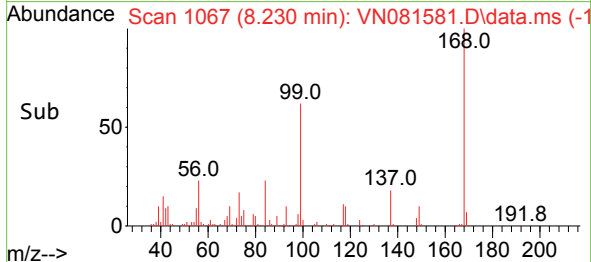
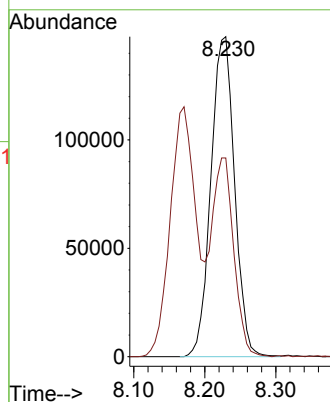
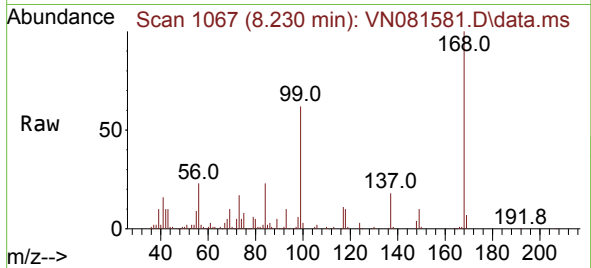
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

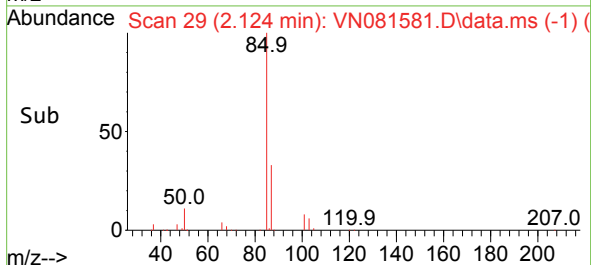
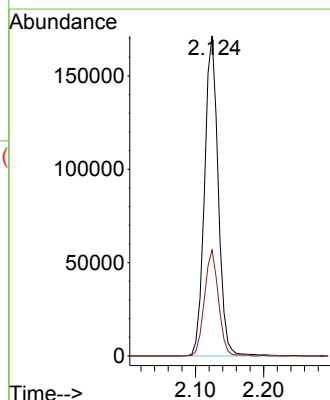
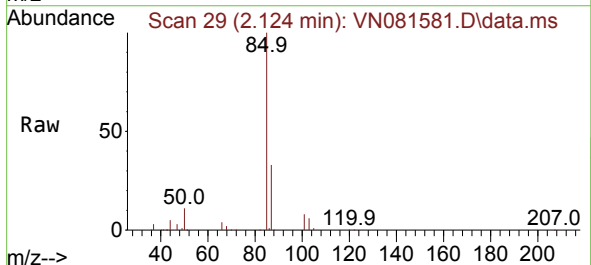
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

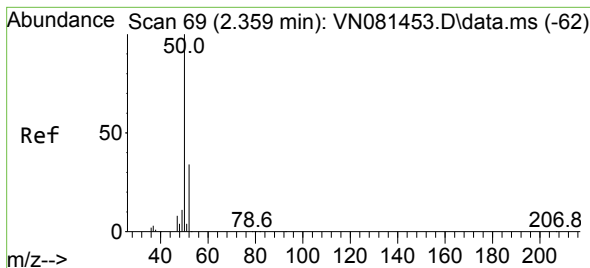
Tgt Ion:168 Resp: 341509
Ion Ratio Lower Upper
168 100
99 61.8 59.9 89.9



#2
Dichlorodifluoromethane
Concen: 51.958 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

Tgt Ion: 85 Resp: 238923
Ion Ratio Lower Upper
85 100
87 33.1 15.3 45.9





#3

Chloromethane

Concen: 50.628 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN081581.D

Acq: 27 Mar 2024 12:43

Instrument :

MSVOA_N

ClientSampleId :

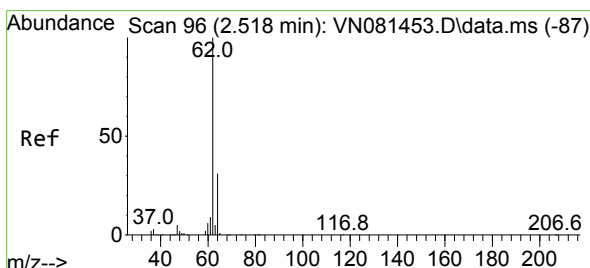
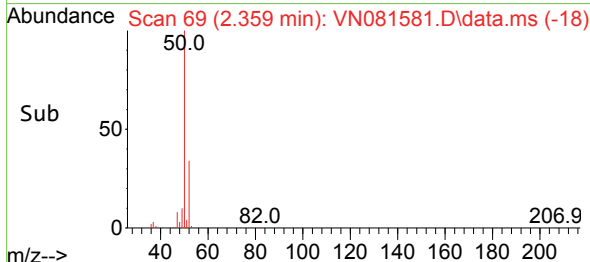
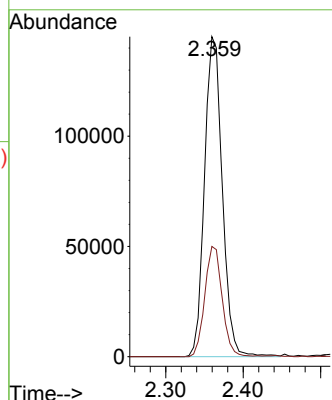
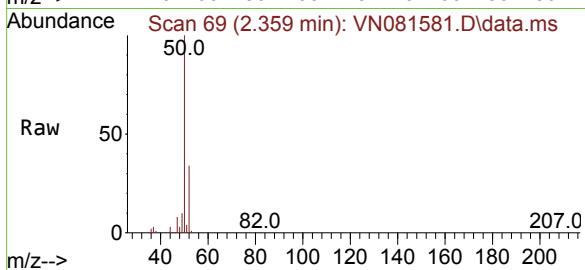
VSTDCCC050

Tgt Ion: 50 Resp: 231796

Ion Ratio Lower Upper

50 100

52 34.4 25.0 37.4



#4

Vinyl Chloride

Concen: 54.082 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.000 min

Lab File: VN081581.D

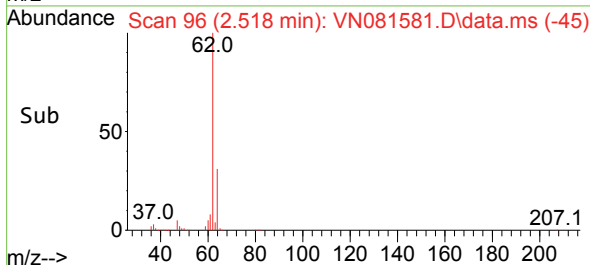
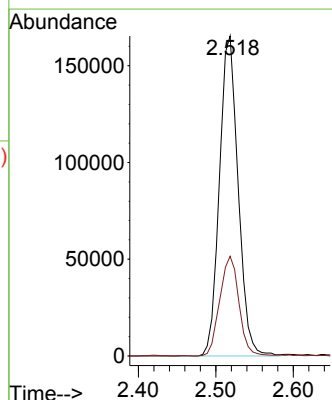
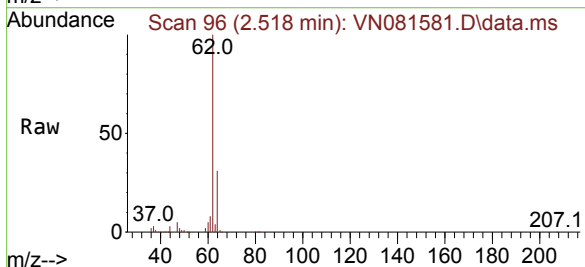
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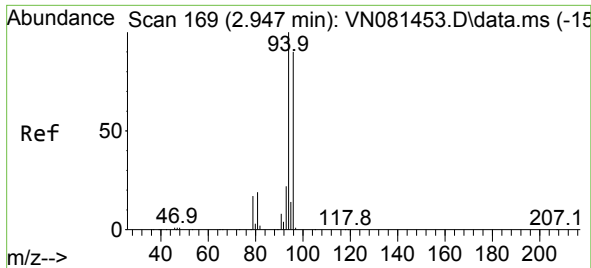
Tgt Ion: 62 Resp: 277881

Ion Ratio Lower Upper

62 100

64 31.1 22.7 34.1

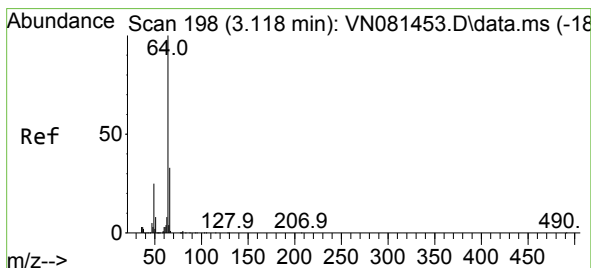
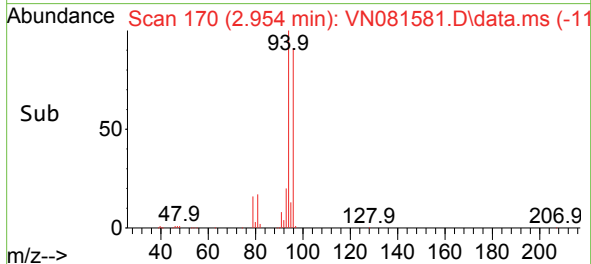
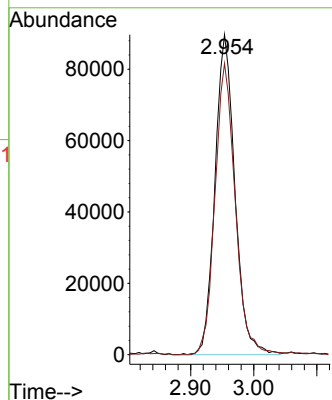
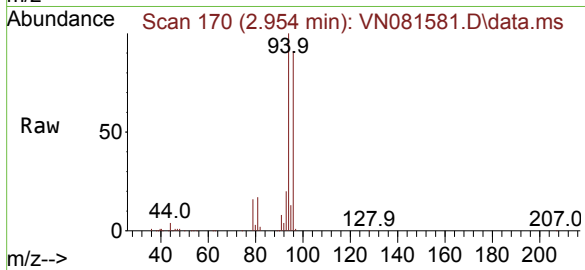




#5
Bromomethane
Concen: 54.243 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

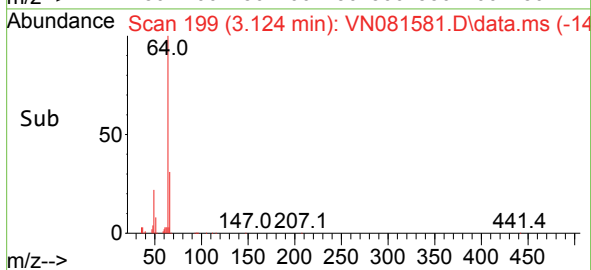
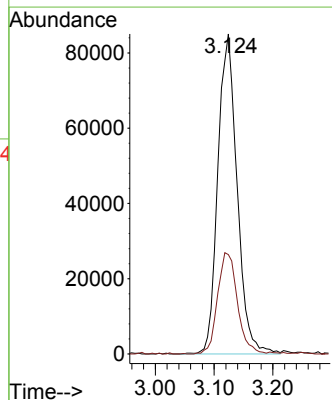
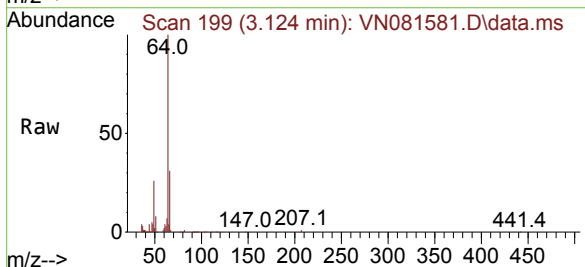
Instrument :
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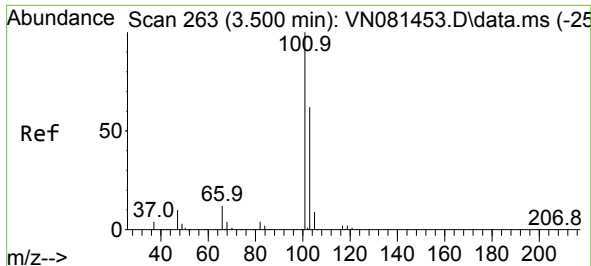
Tgt Ion: 94 Resp: 197109
Ion Ratio Lower Upper
94 100
96 91.0 69.2 103.8



#6
Chloroethane
Concen: 54.940 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

Tgt Ion: 64 Resp: 193822
Ion Ratio Lower Upper
64 100
66 31.1 26.4 39.6

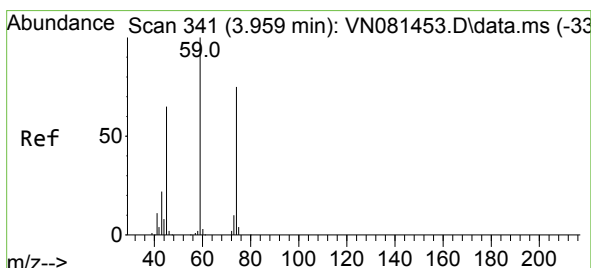
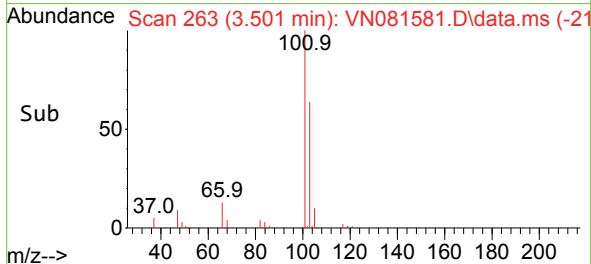
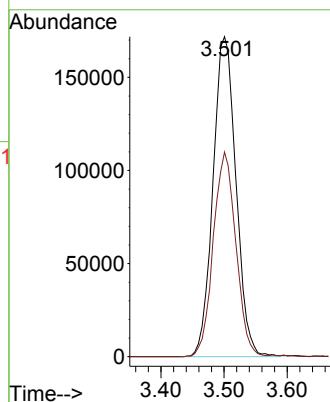
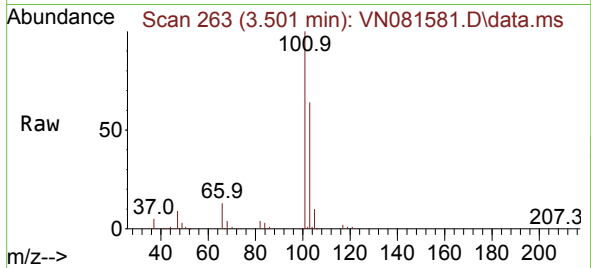




#7
Trichlorofluoromethane
Concen: 56.711 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

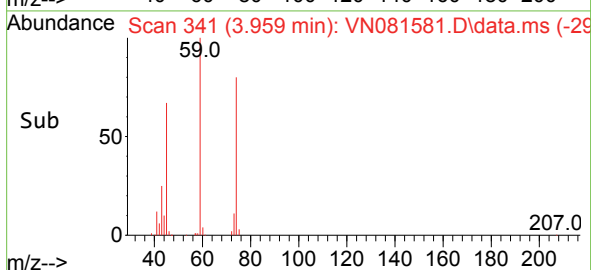
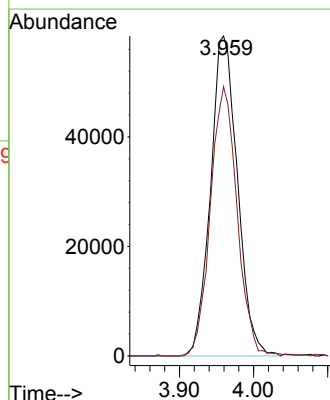
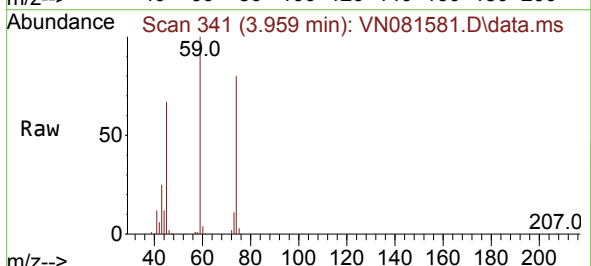
Instrument :
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VSTDCCC050

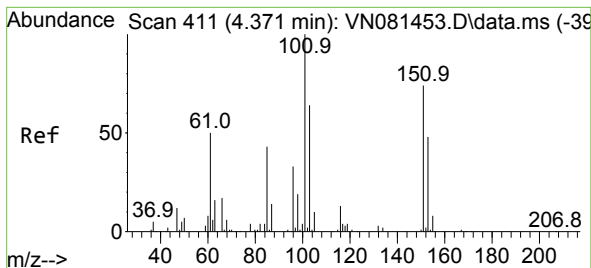
Tgt Ion:101 Resp: 434274
Ion Ratio Lower Upper
101 100
103 63.9 54.4 81.6



#8
Diethyl Ether
Concen: 58.306 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

Tgt Ion: 74 Resp: 147763
Ion Ratio Lower Upper
74 100
45 83.4 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.862 ug/l

RT: 4.377 min Scan# 411

Delta R.T. 0.006 min

Lab File: VN081581.D

Acq: 27 Mar 2024 12:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

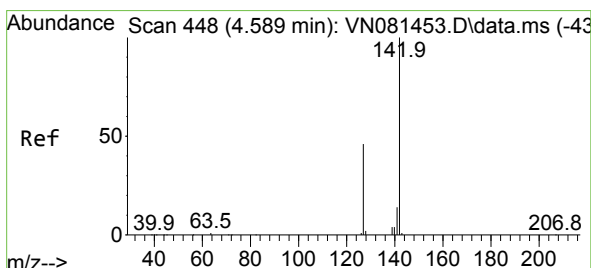
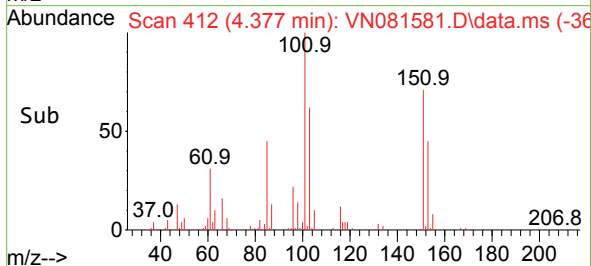
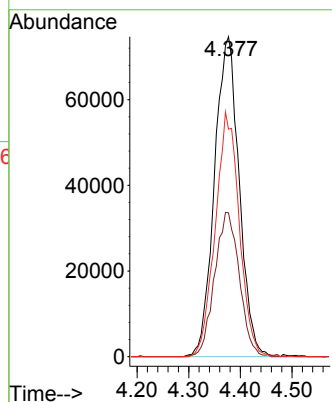
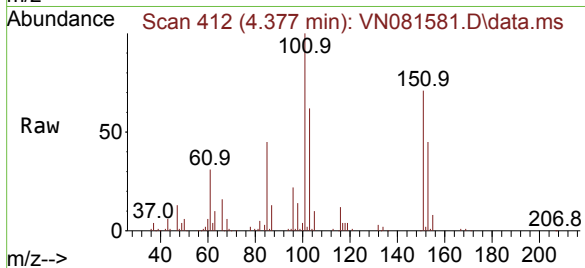
Tgt Ion:101 Resp: 247413

Ion Ratio Lower Upper

101 100

85 45.2 38.1 57.1

151 74.2 49.1 73.7#



#10

Methyl Iodide

Concen: 62.667 ug/l

RT: 4.595 min Scan# 449

Delta R.T. 0.006 min

Lab File: VN081581.D

Acq: 27 Mar 2024 12:43

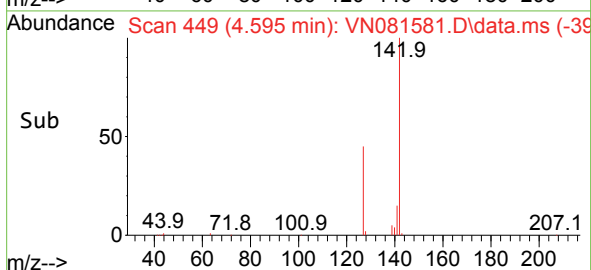
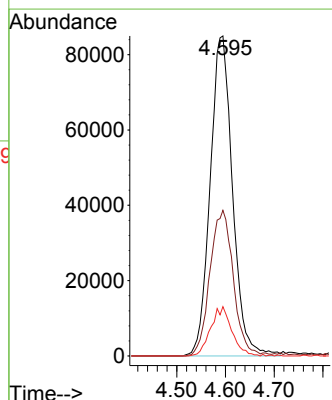
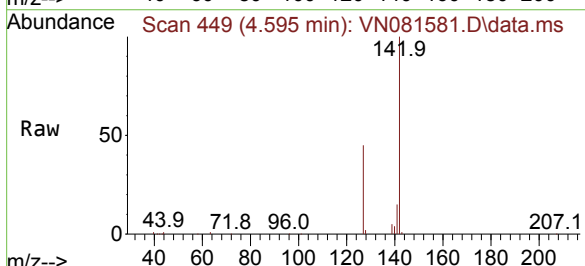
Tgt Ion:142 Resp: 271537

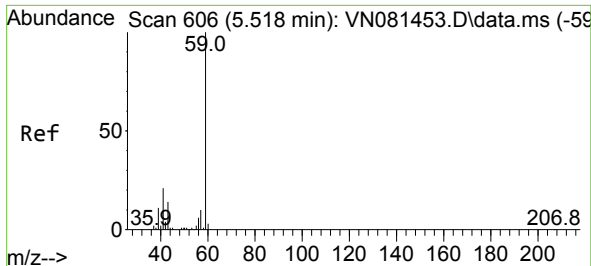
Ion Ratio Lower Upper

142 100

127 45.5 37.0 55.4

141 15.4 12.5 18.7

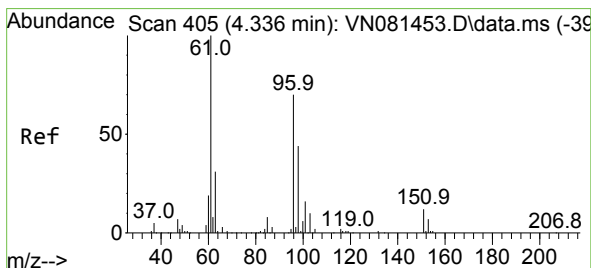
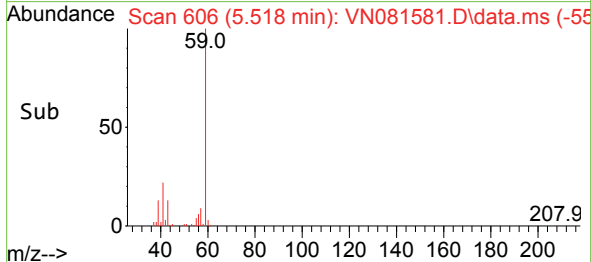
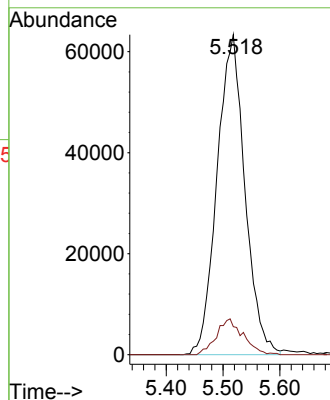
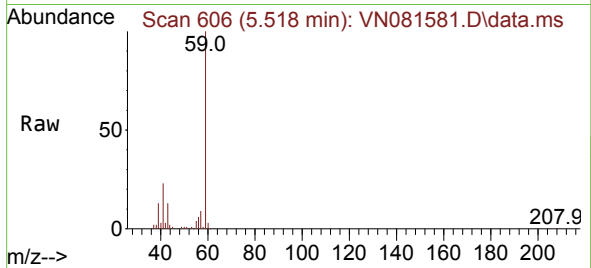




#11
Tert butyl alcohol
Concen: 284.283 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

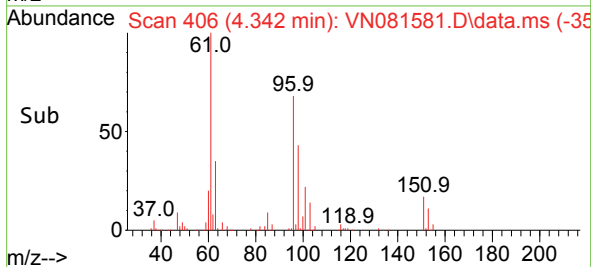
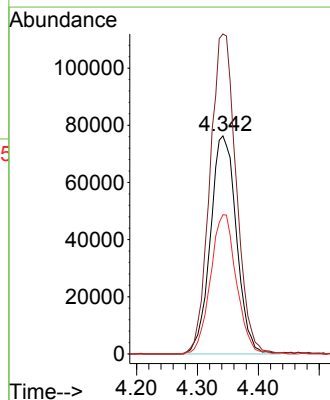
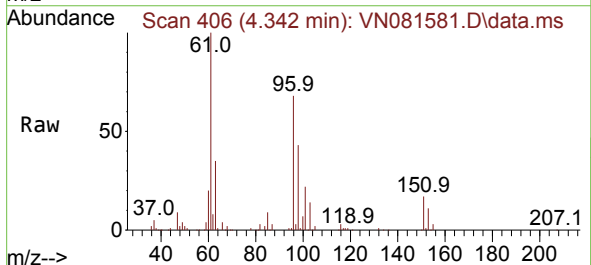
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

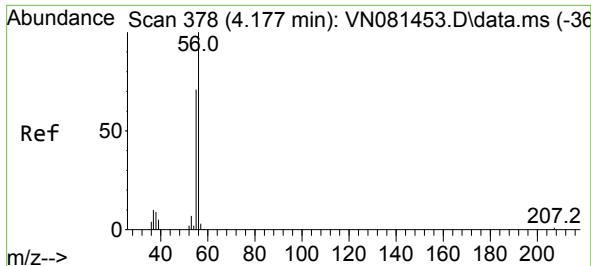
Tgt Ion: 59 Resp: 215760
Ion Ratio Lower Upper
59 100
57 10.8 8.6 12.8



#12
1,1-Dichloroethene
Concen: 56.183 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

Tgt Ion: 96 Resp: 226438
Ion Ratio Lower Upper
96 100
61 146.8 138.2 207.4
98 63.8 49.2 73.8

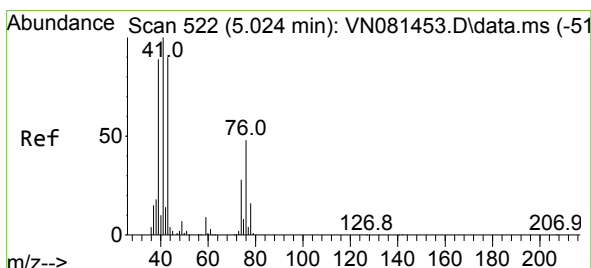
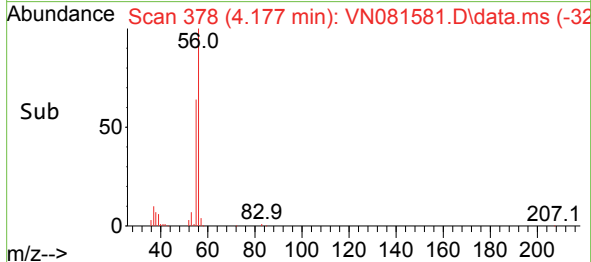
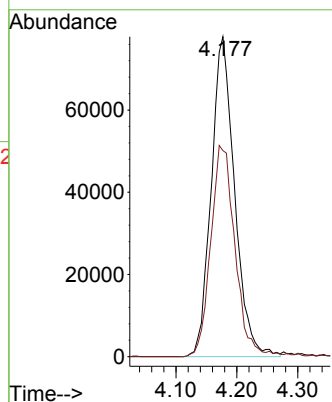
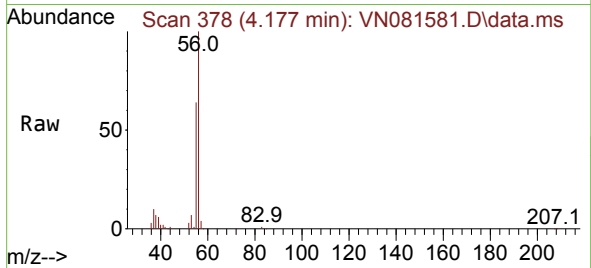




#13
Acrolein
Concen: 304.541 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

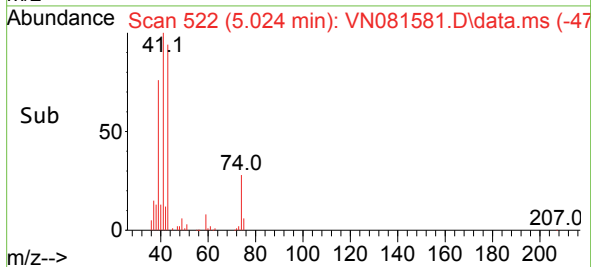
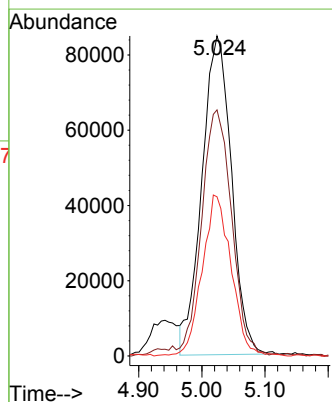
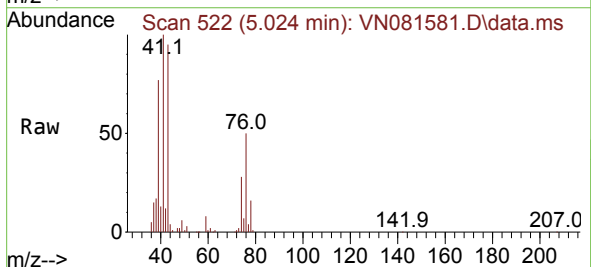
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

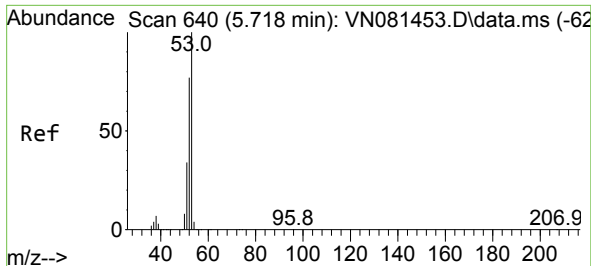
Tgt Ion: 56 Resp: 207403
Ion Ratio Lower Upper
56 100
55 68.5 55.3 82.9



#14
Allyl chloride
Concen: 54.643 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

Tgt Ion: 41 Resp: 275962
Ion Ratio Lower Upper
41 100
39 78.5 57.7 86.5
76 49.5 26.8 40.2#

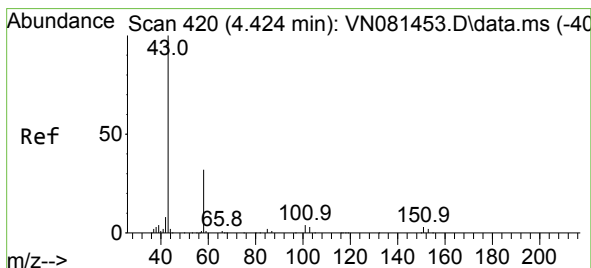
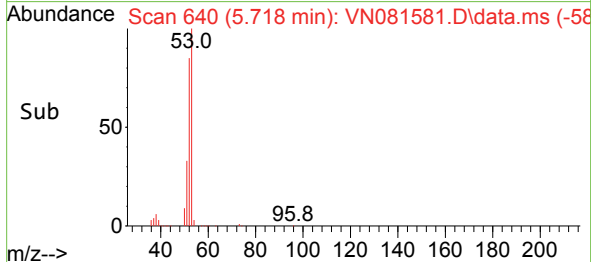
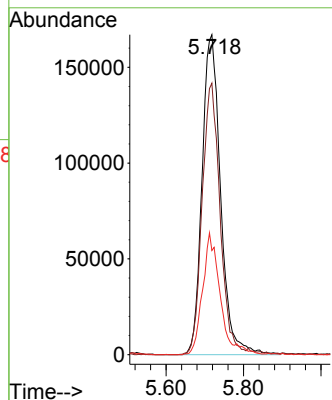
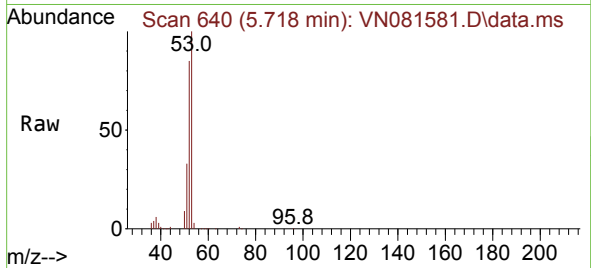




#15
Acrylonitrile
Concen: 273.840 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

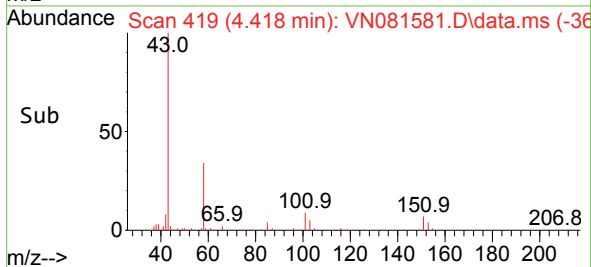
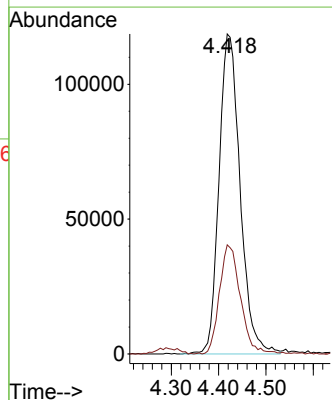
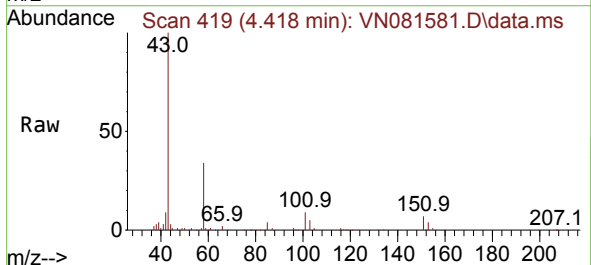
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

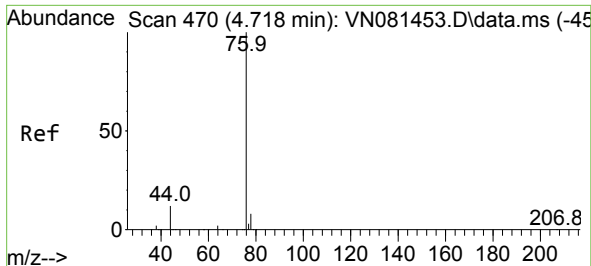
Tgt Ion: 53 Resp: 556011
Ion Ratio Lower Upper
53 100
52 81.6 64.8 97.2
51 36.1 26.9 40.3



#16
Acetone
Concen: 260.744 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

Tgt Ion: 43 Resp: 366992
Ion Ratio Lower Upper
43 100
58 33.7 24.8 37.2

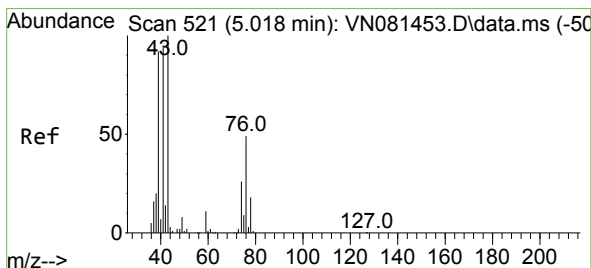
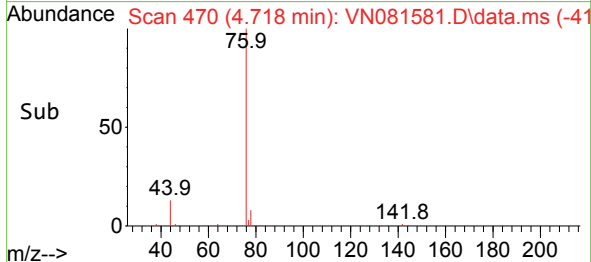
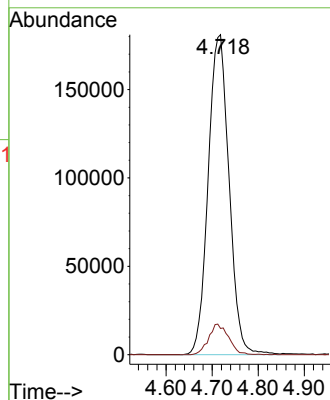
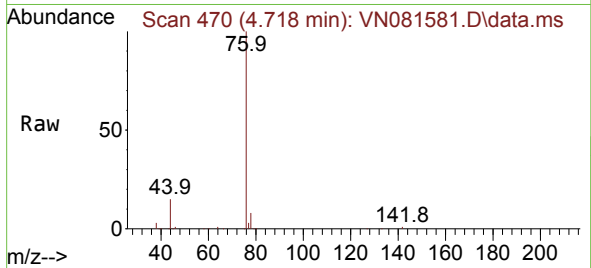




#17
Carbon Disulfide
Concen: 49.313 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

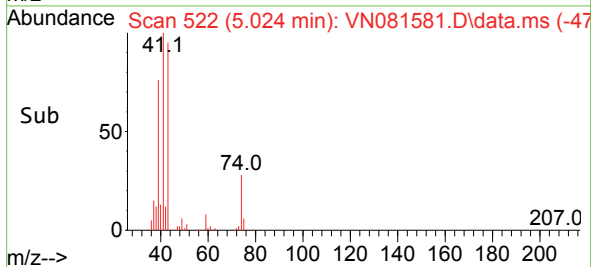
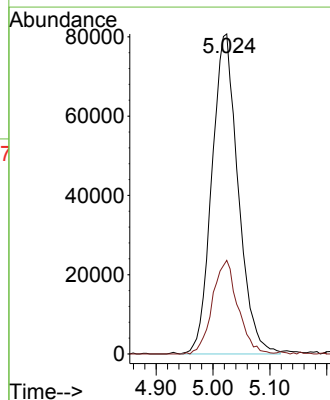
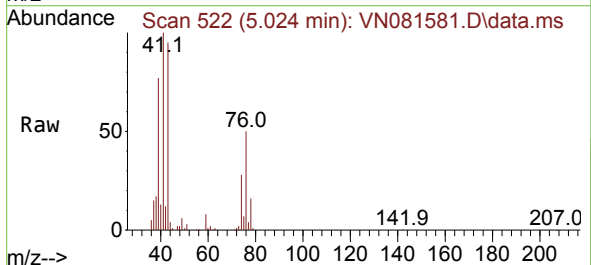
Instrument :
MSVOA_N
ClientSampleId :
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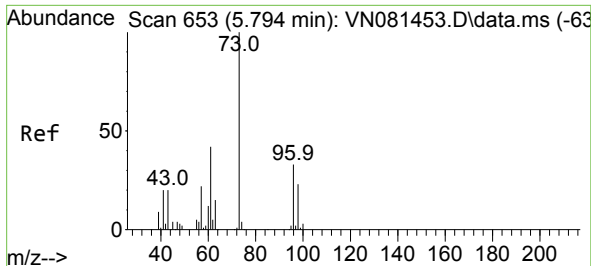
Tgt Ion: 76 Resp: 570346
Ion Ratio Lower Upper
76 100
78 8.2 6.3 9.5



#18
Methyl Acetate
Concen: 59.749 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

Tgt Ion: 43 Resp: 259264
Ion Ratio Lower Upper
43 100
74 28.4 17.3 25.9#

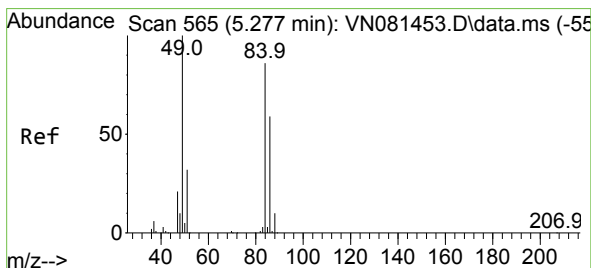
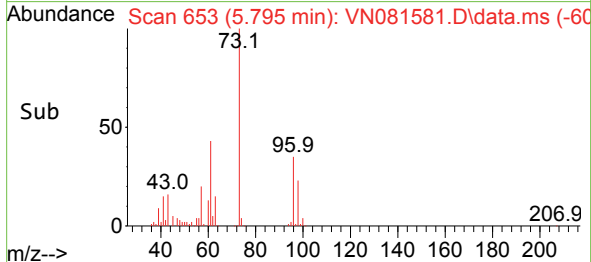
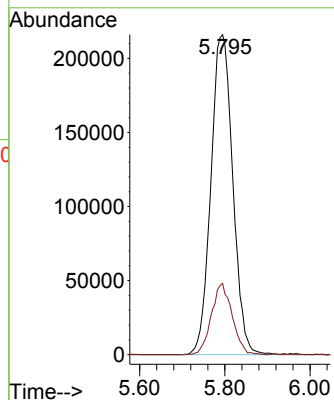
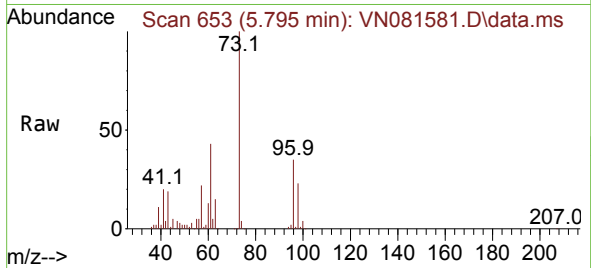




#19
Methyl tert-butyl Ether
Concen: 61.078 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

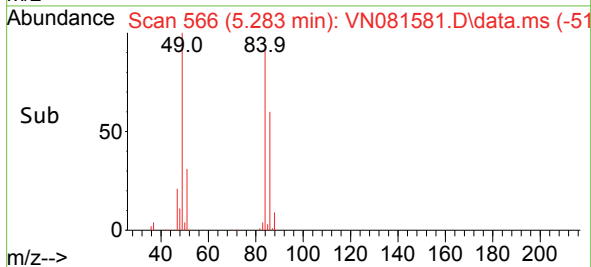
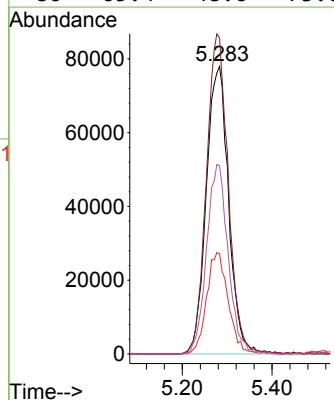
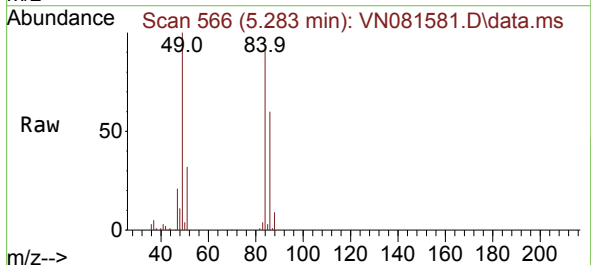
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

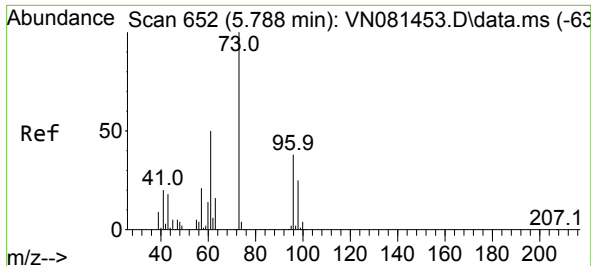
Tgt Ion: 73 Resp: 770409
Ion Ratio Lower Upper
73 100
57 22.3 18.2 27.4



#20
Methylene Chloride
Concen: 58.461 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

Tgt Ion: 84 Resp: 269531
Ion Ratio Lower Upper
84 100
49 109.9 108.1 162.1
51 34.8 32.9 49.3
86 65.4 48.6 73.0

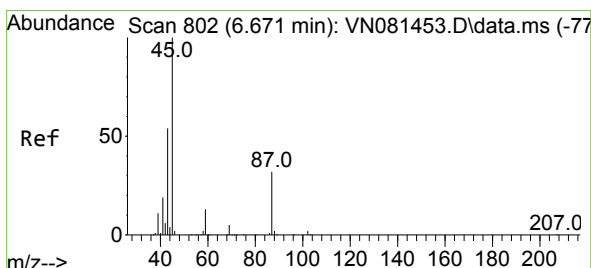
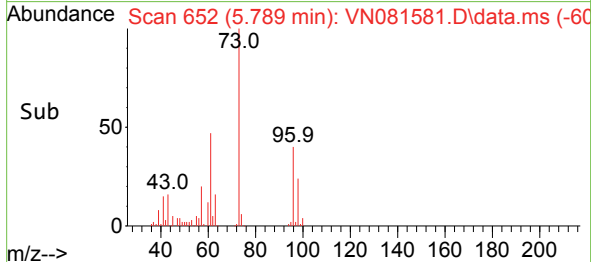
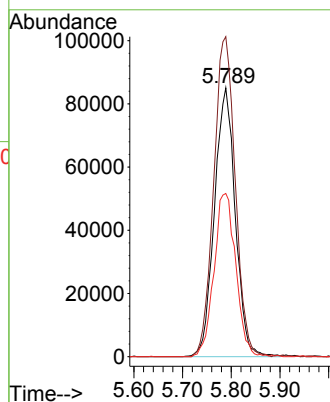
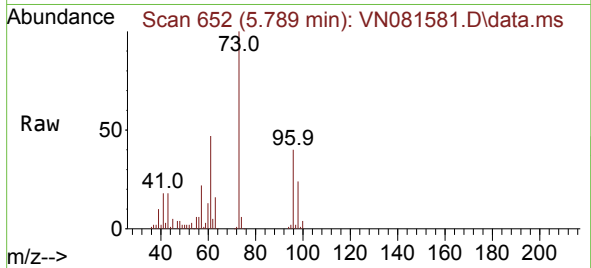




#21
trans-1,2-Dichloroethene
Concen: 56.398 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

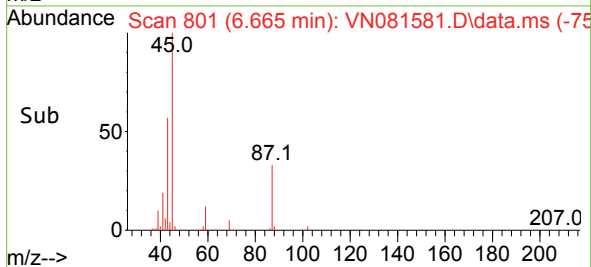
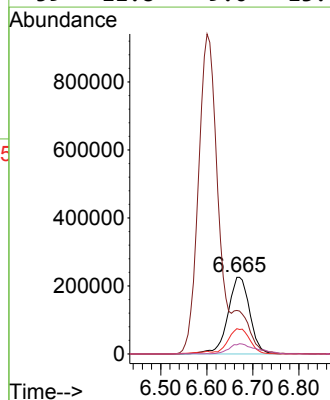
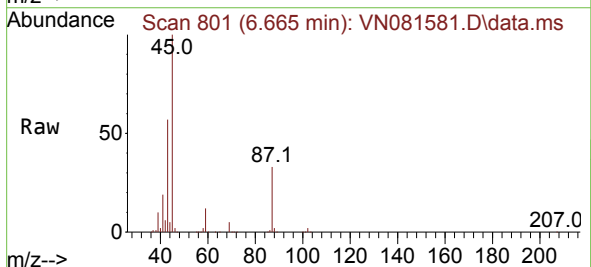
Instrument :
MSVOA_N
ClientSampleId :
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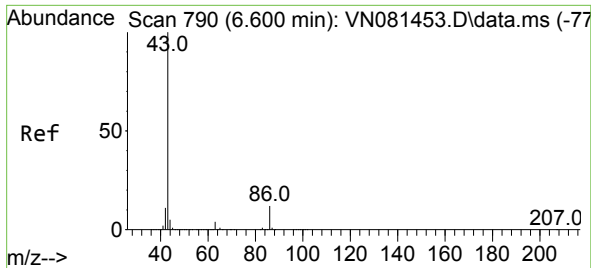
Tgt Ion: 96 Resp: 253440
Ion Ratio Lower Upper
96 100
61 119.0 112.8 169.2
98 60.7 51.0 76.4



#22
Diisopropyl ether
Concen: 63.078 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

Tgt Ion: 45 Resp: 740189
Ion Ratio Lower Upper
45 100
43 55.8 41.8 62.8
87 32.9 18.1 27.1#
59 11.8 9.0 13.6

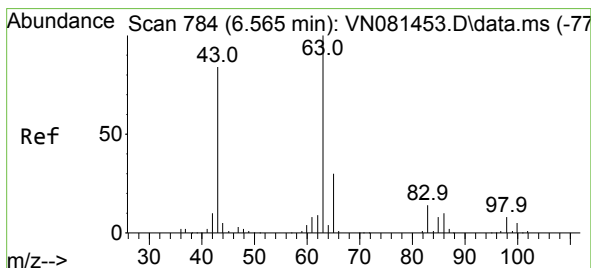
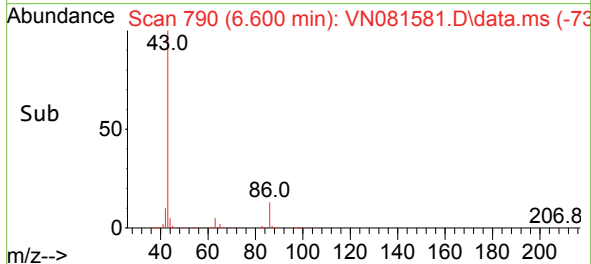
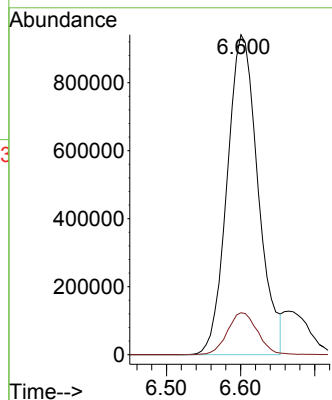
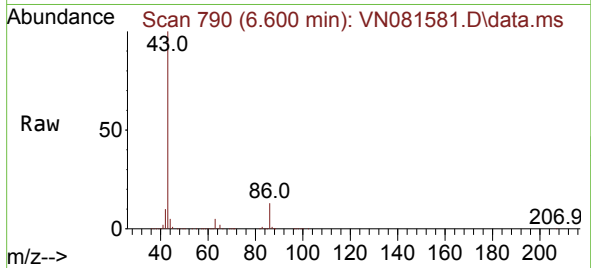




#23
 Vinyl Acetate
 Concen: 292.469 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081581.D
 Acq: 27 Mar 2024 12:43

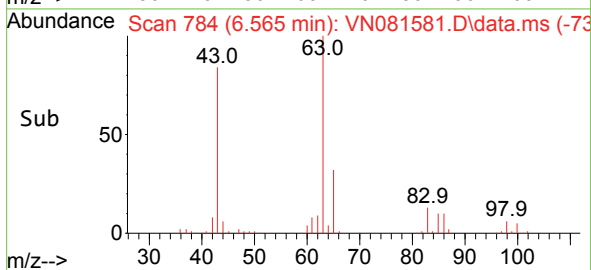
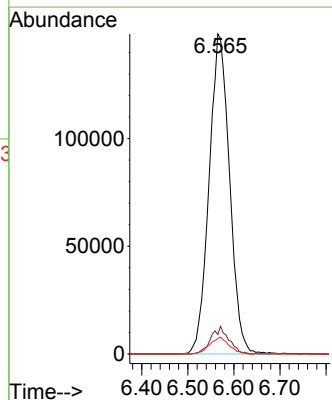
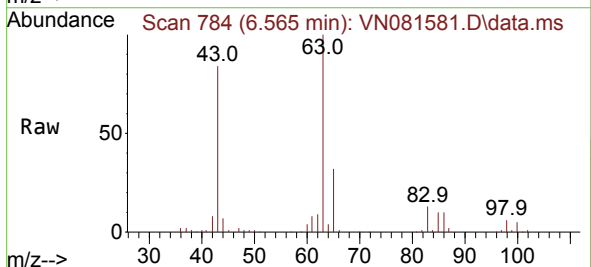
Instrument :
 MSVOA_N
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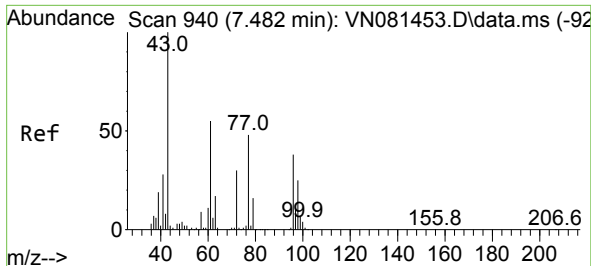
Tgt Ion: 43 Resp: 2731771
 Ion Ratio Lower Upper
 43 100
 86 13.1 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 58.403 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN081581.D
 Acq: 27 Mar 2024 12:43

Tgt Ion: 63 Resp: 459022
 Ion Ratio Lower Upper
 63 100
 98 6.1 2.9 8.6
 100 4.8 1.9 5.7

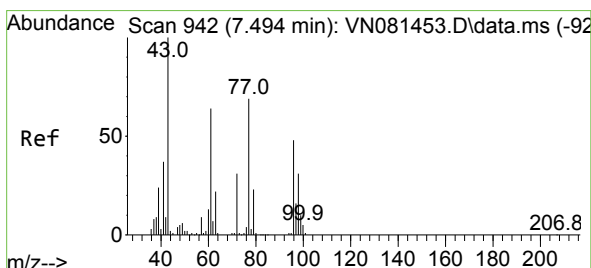
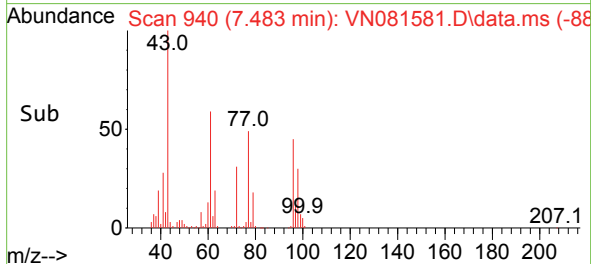
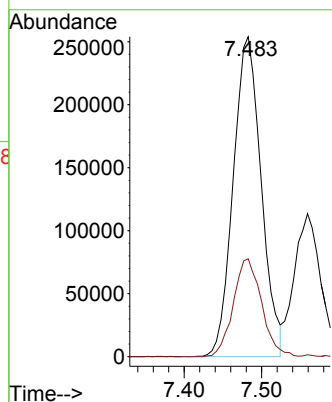
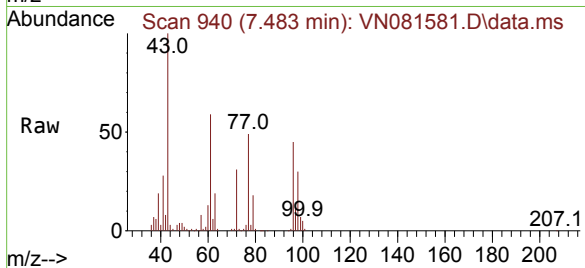




#25
2-Butanone
Concen: 264.414 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

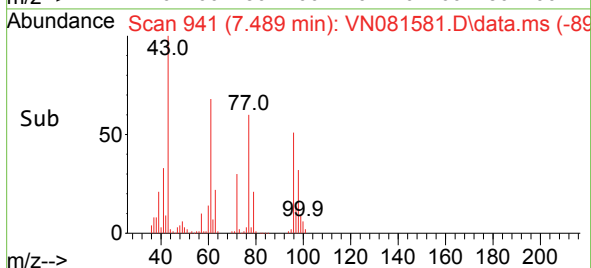
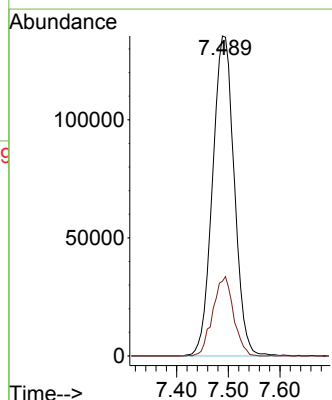
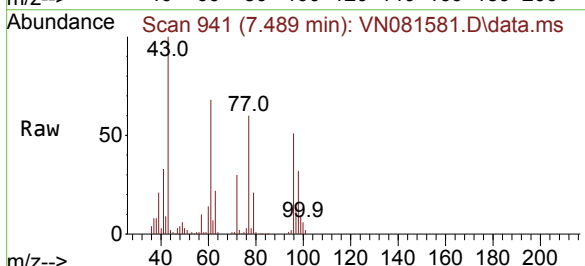
Instrument :
MSVOA_N
ClientSampleId :
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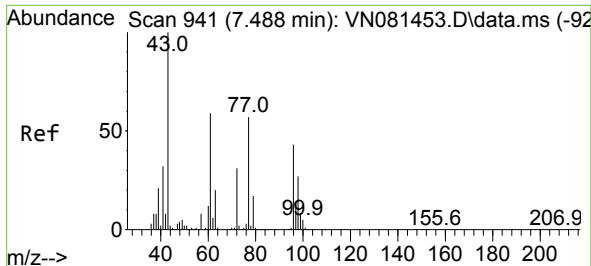
Tgt Ion: 43 Resp: 638326
Ion Ratio Lower Upper
43 100
72 30.6 19.5 29.3#



#26
2,2-Dichloropropane
Concen: 57.973 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

Tgt Ion: 77 Resp: 395194
Ion Ratio Lower Upper
77 100
97 23.7 11.5 34.5

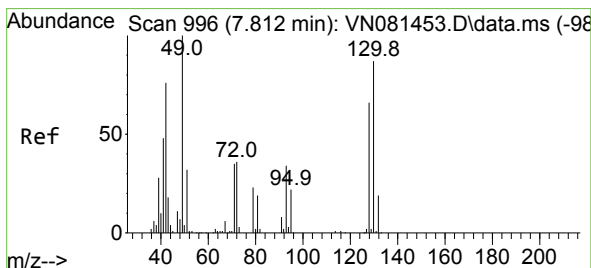
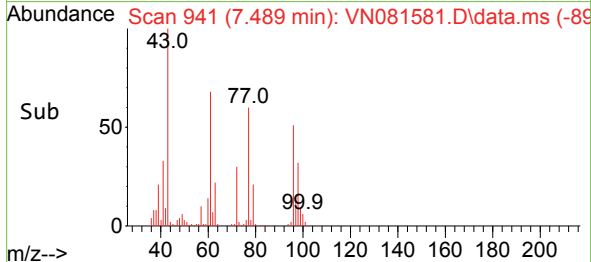
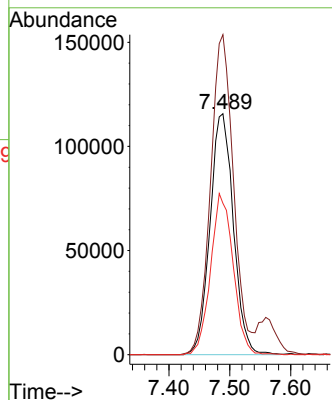
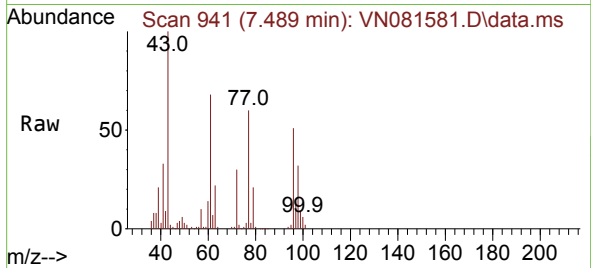




#27
 cis-1,2-Dichloroethene
 Concen: 60.630 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN081581.D
 Acq: 27 Mar 2024 12:43

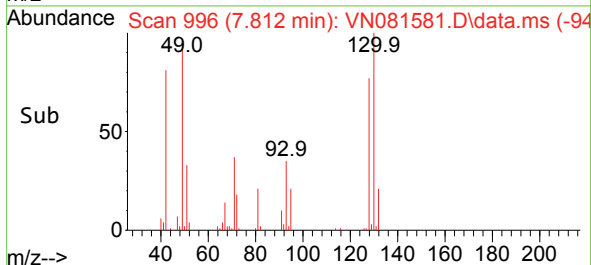
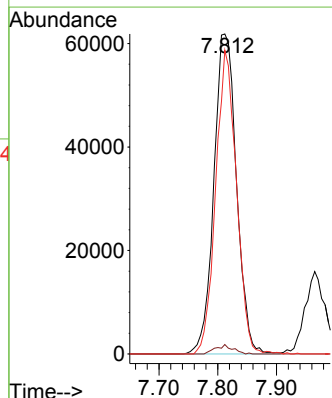
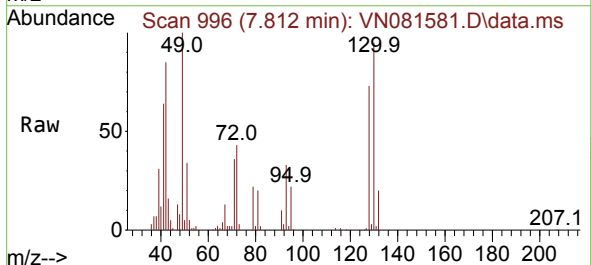
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

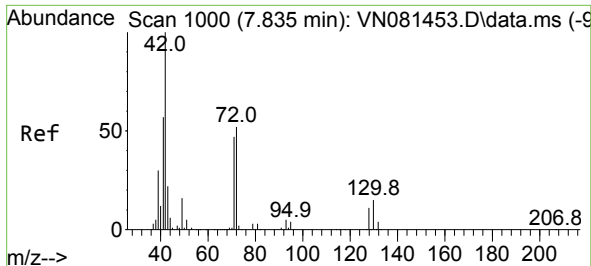
Tgt Ion: 96 Resp: 308273
 Ion Ratio Lower Upper
 96 100
 61 131.5 0.0 325.4
 98 64.6 0.0 130.4



#28
 Bromochloromethane
 Concen: 51.675 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN081581.D
 Acq: 27 Mar 2024 12:43

Tgt Ion: 49 Resp: 165424
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 1.6#
 130 87.1 42.3 63.5#





#29

Tetrahydrofuran

Concen: 271.265 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN081581.D

Acq: 27 Mar 2024 12:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

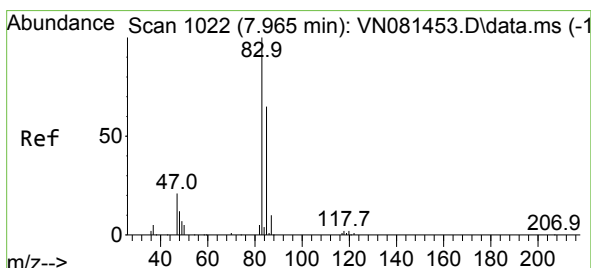
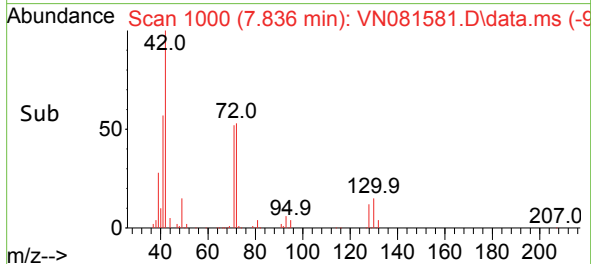
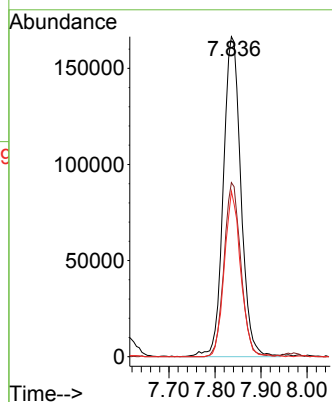
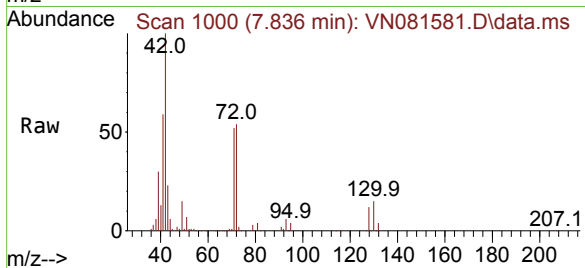
Tgt Ion: 42 Resp: 441161

Ion Ratio Lower Upper

42 100

72 51.8 31.1 46.7#

71 47.9 28.3 42.5#



#30

Chloroform

Concen: 59.682 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN081581.D

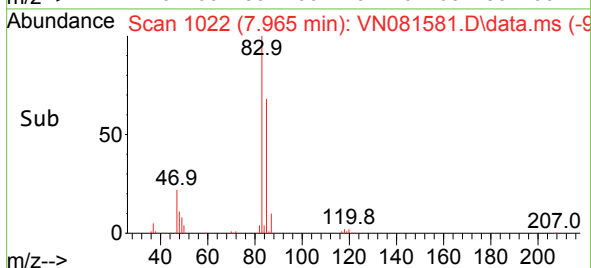
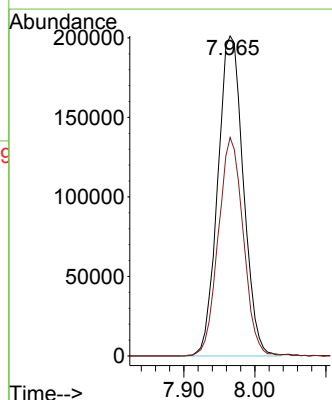
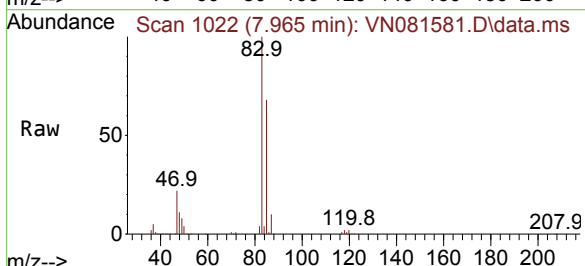
Acq: 27 Mar 2024 12:43

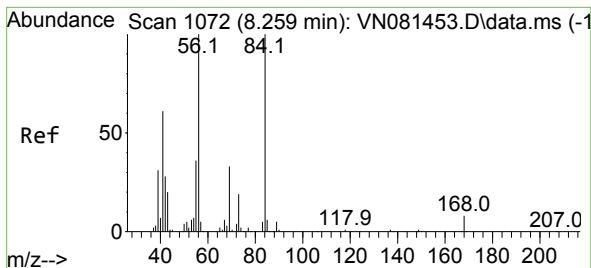
Tgt Ion: 83 Resp: 502158

Ion Ratio Lower Upper

83 100

85 68.3 51.0 76.6





#31

Cyclohexane

Concen: 51.449 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN081581.D

Acq: 27 Mar 2024 12:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

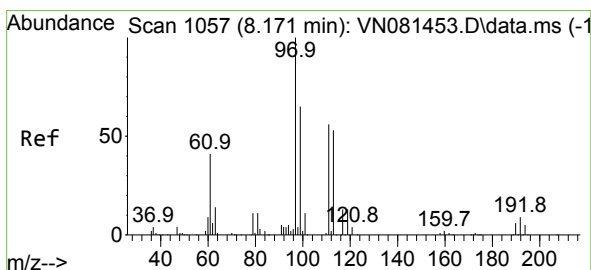
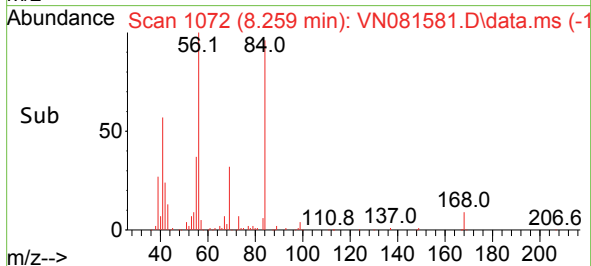
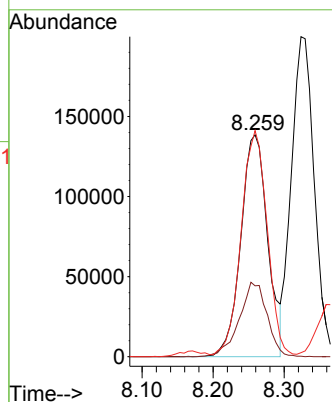
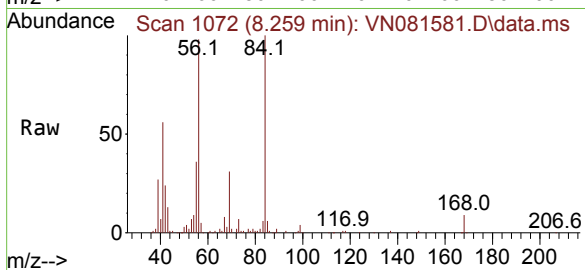
Tgt Ion: 56 Resp: 364617

Ion Ratio Lower Upper

56 100

69 31.9 20.1 30.1#

84 100.0 56.9 85.3#



#32

1,1,1-Trichloroethane

Concen: 59.561 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN081581.D

Acq: 27 Mar 2024 12:43

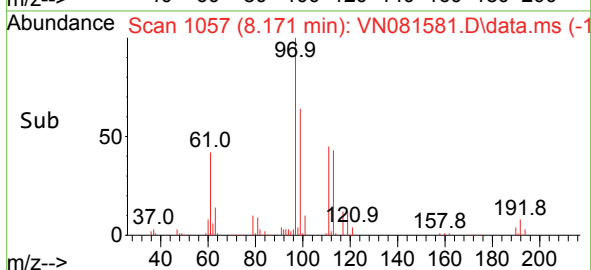
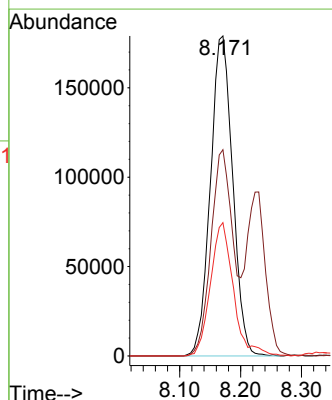
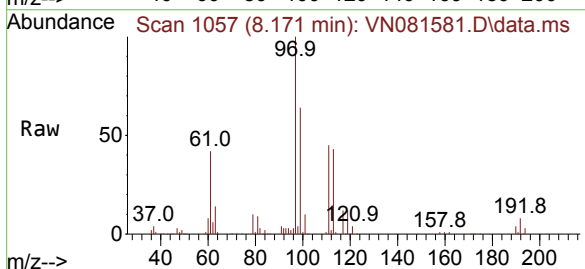
Tgt Ion: 97 Resp: 454666

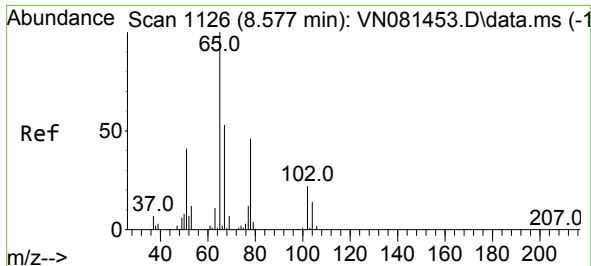
Ion Ratio Lower Upper

97 100

99 64.4 53.4 80.0

61 42.9 43.8 65.8#





#33

1,2-Dichloroethane-d4

Concen: 48.101 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081581.D

Acq: 27 Mar 2024 12:43

Instrument :

MSVOA_N

ClientSampleId :

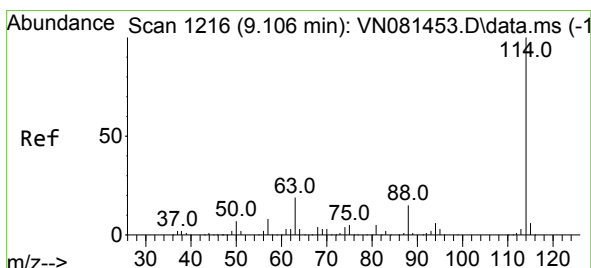
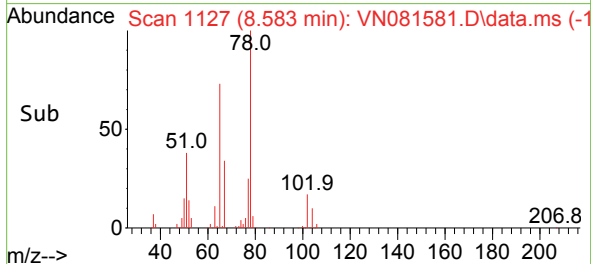
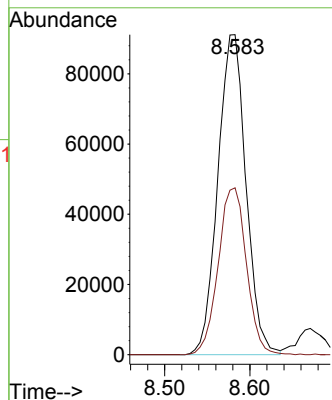
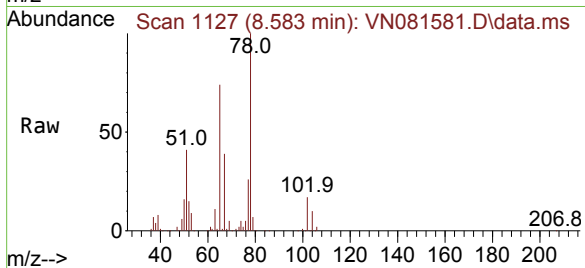
VSTDCCC050

Tgt Ion: 65 Resp: 209485

Ion Ratio Lower Upper

65 100

67 52.3 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081581.D

Acq: 27 Mar 2024 12:43

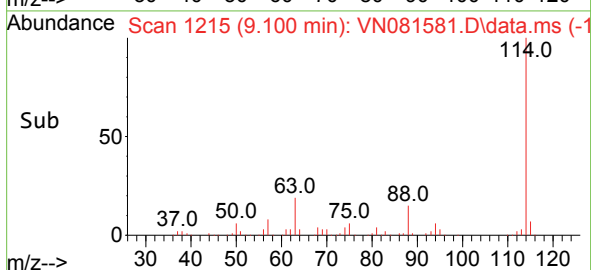
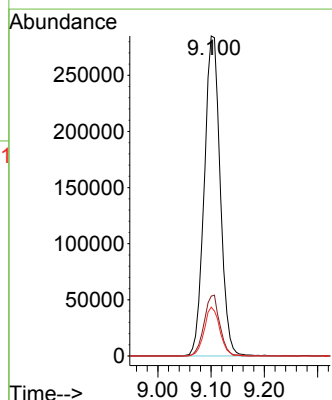
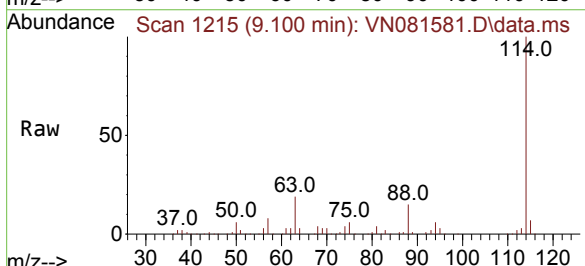
Tgt Ion: 114 Resp: 591356

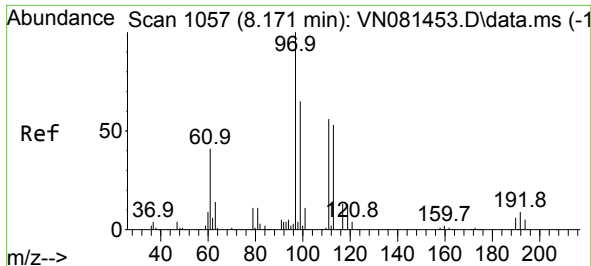
Ion Ratio Lower Upper

114 100

63 18.7 0.0 48.0

88 15.2 0.0 34.8

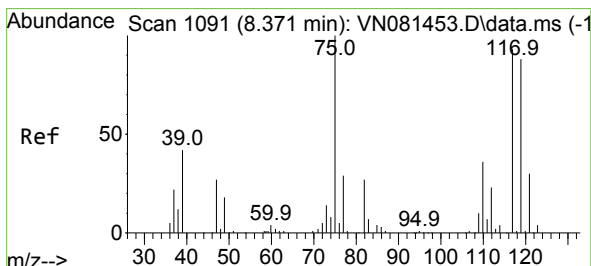
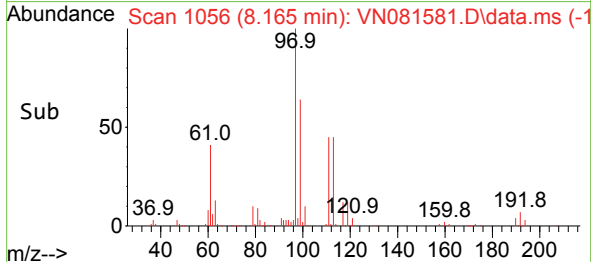
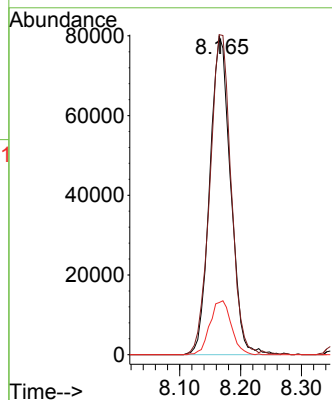
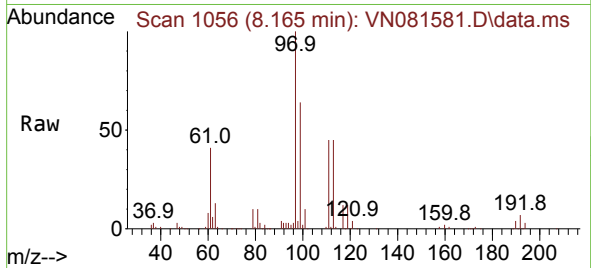




#35
Dibromofluoromethane
Concen: 50.797 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

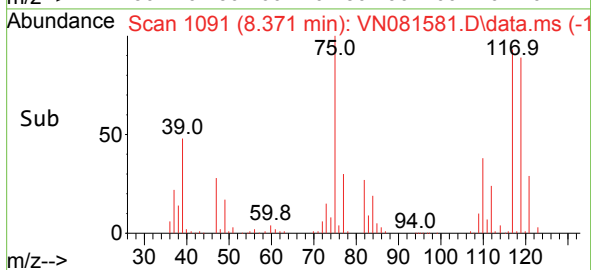
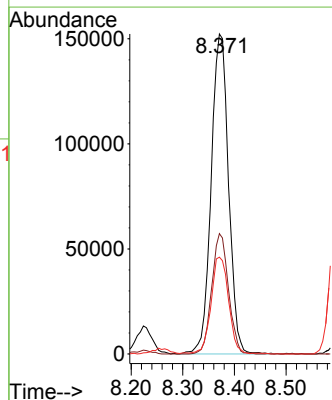
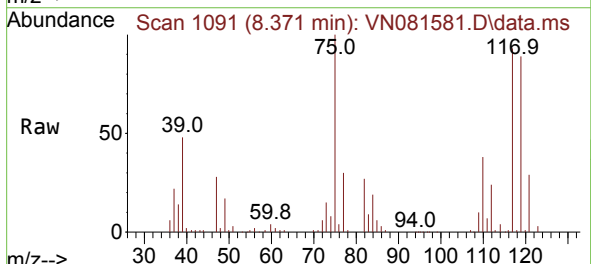
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

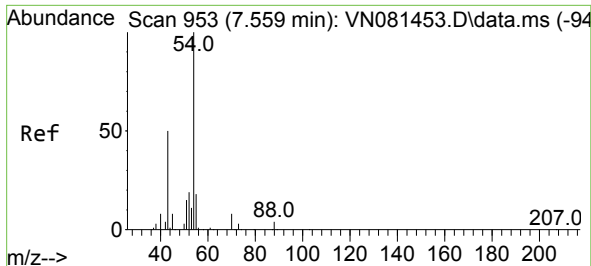
Tgt Ion:113 Resp: 189577
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 17.4 12.5 18.7



#36
1,1-Dichloropropene
Concen: 56.669 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

Tgt Ion: 75 Resp: 355915
Ion Ratio Lower Upper
75 100
110 36.2 16.0 48.0
77 30.3 25.8 38.6

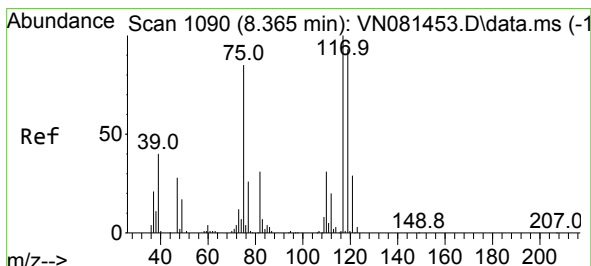
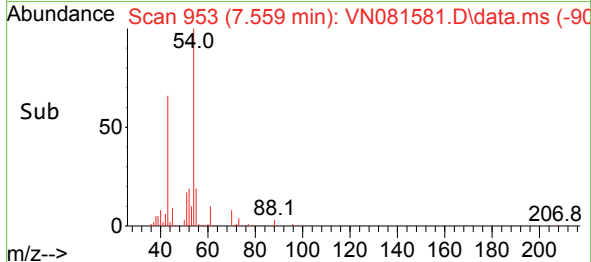
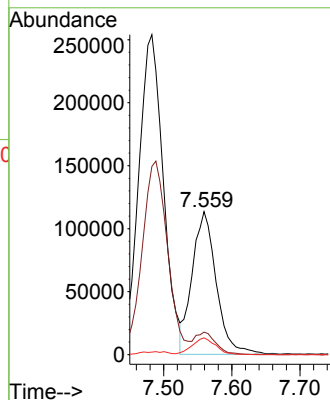
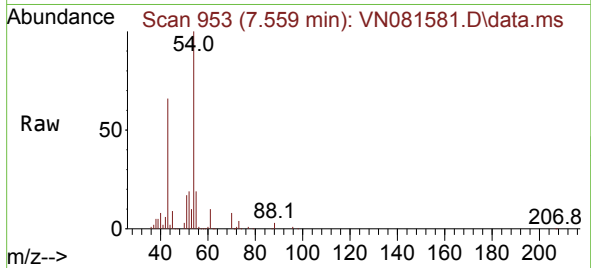




#37
Ethyl Acetate
Concen: 51.766 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

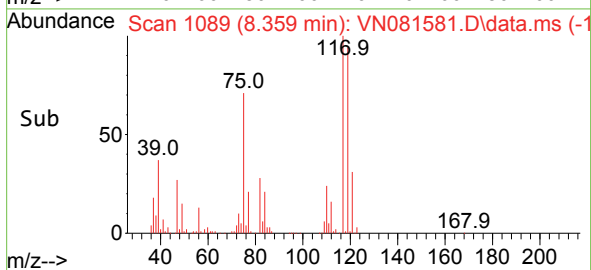
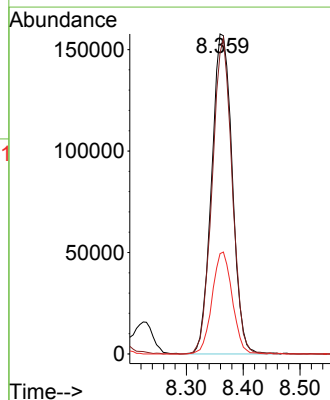
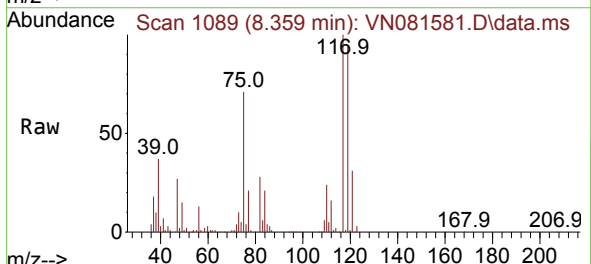
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

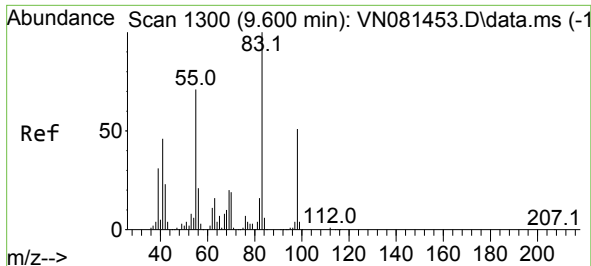
Tgt Ion: 43 Resp: 278404
Ion Ratio Lower Upper
43 100
61 12.8 10.6 15.8
70 11.4 8.0 12.0



#38
Carbon Tetrachloride
Concen: 57.793 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

Tgt Ion: 117 Resp: 397624
Ion Ratio Lower Upper
117 100
119 94.0 73.4 110.2
121 31.4 24.4 36.6

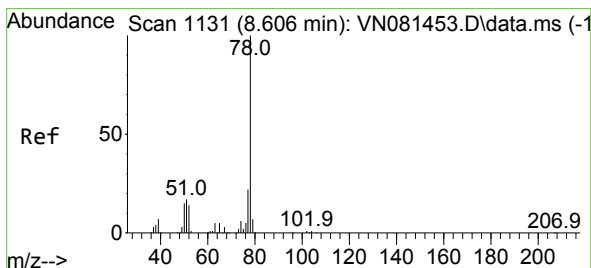
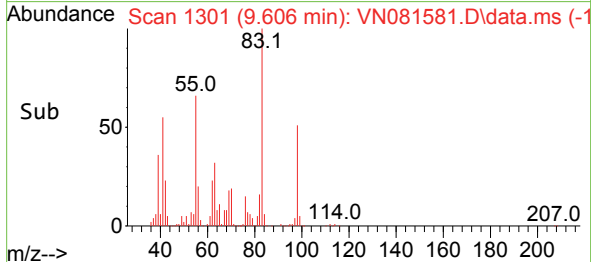
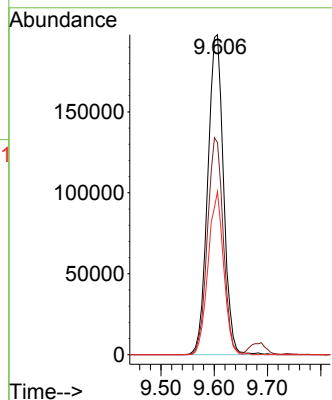
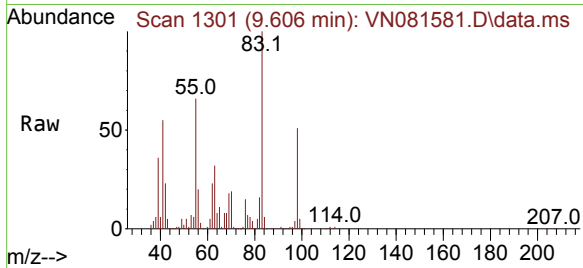




#39
Methylcyclohexane
Concen: 58.006 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. 0.006 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

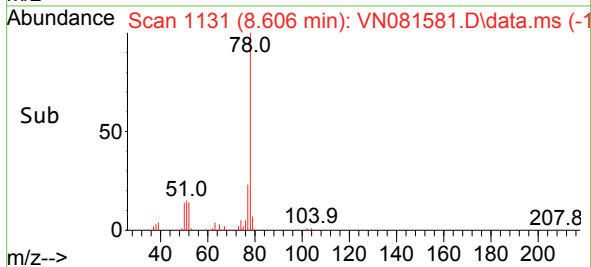
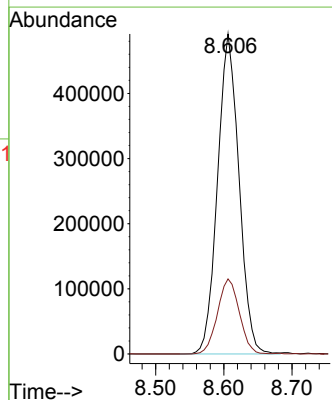
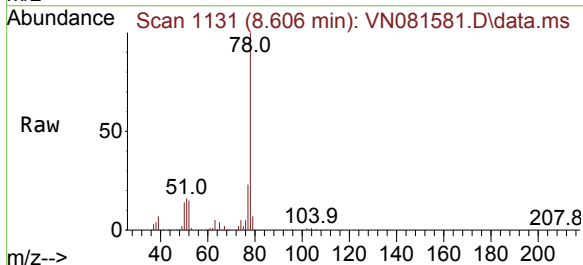
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

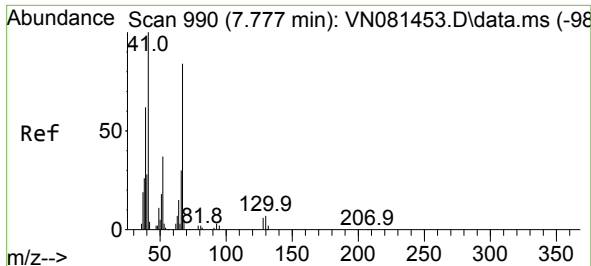
Tgt Ion: 83 Resp: 406841
Ion Ratio Lower Upper
83 100
55 66.3 65.7 98.5
98 50.9 33.8 50.6#



#40
Benzene
Concen: 58.511 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

Tgt Ion: 78 Resp: 1074360
Ion Ratio Lower Upper
78 100
77 23.5 20.4 30.6



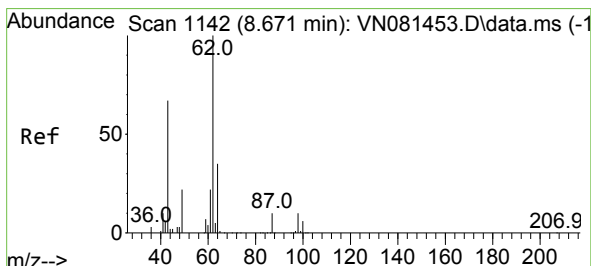
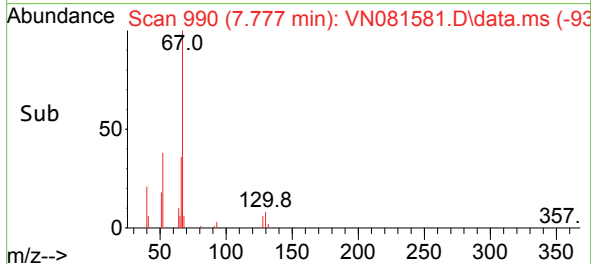
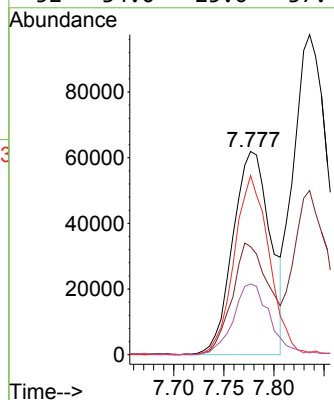
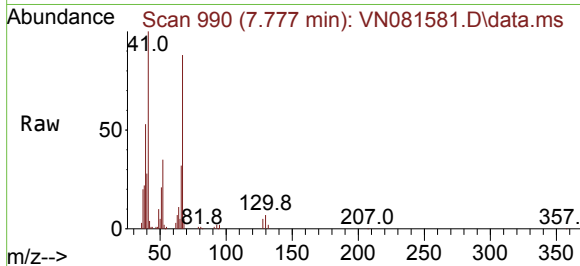


#41
Methacrylonitrile
Concen: 56.980 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 162061

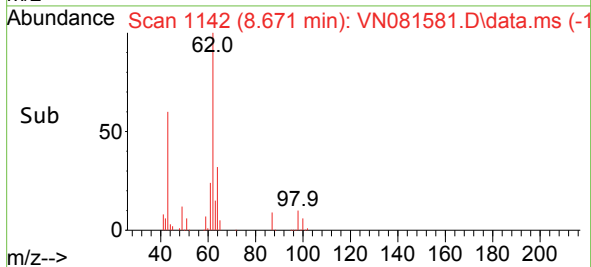
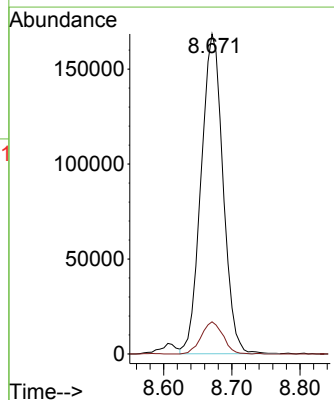
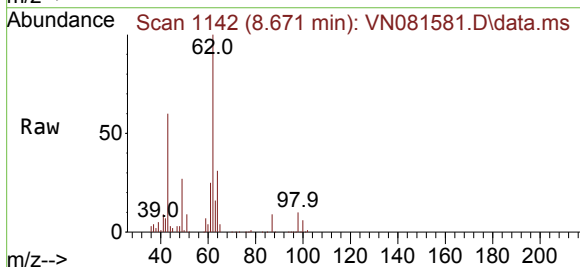
Ion	Ratio	Lower	Upper
41	100		
39	54.0	48.4	72.6
67	82.2	56.8	85.2
52	34.0	25.0	37.4

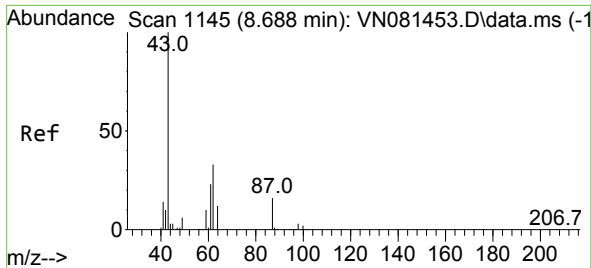


#42
1,2-Dichloroethane
Concen: 58.160 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

Tgt Ion: 62 Resp: 375825

Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	18.0

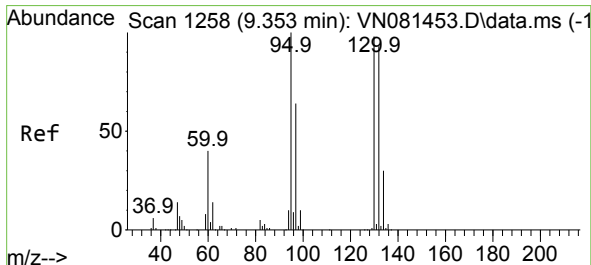
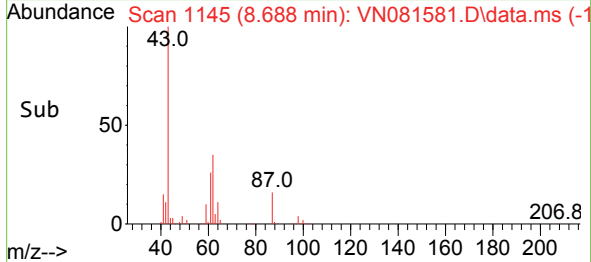
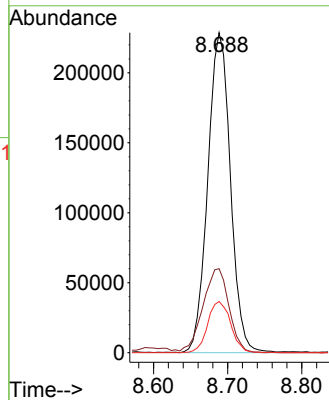
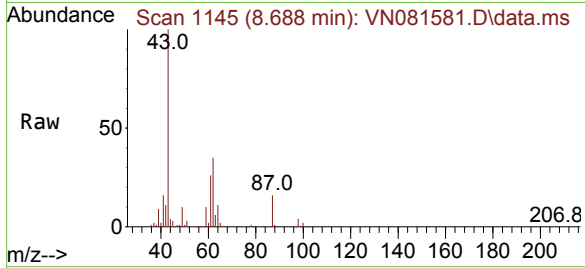




#43
Isopropyl Acetate
Concen: 54.492 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

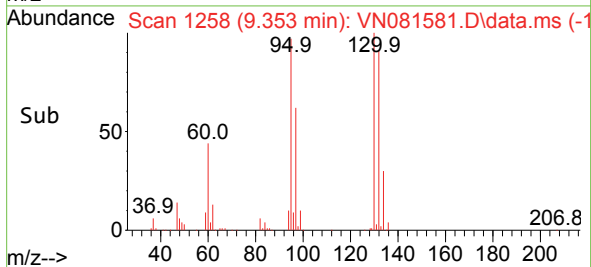
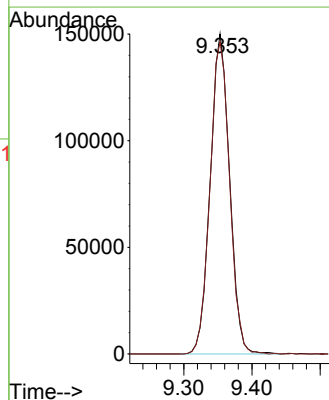
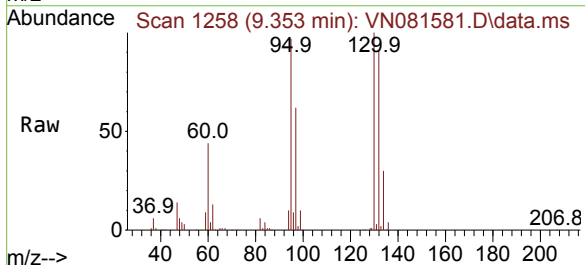
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

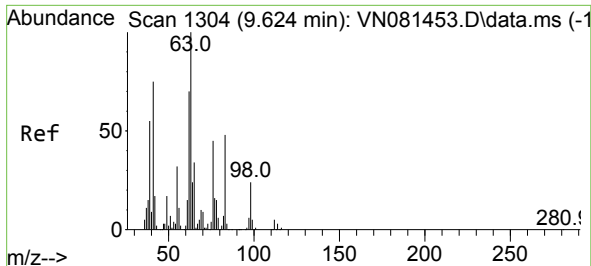
Tgt Ion: 43 Resp: 485784
Ion Ratio Lower Upper
43 100
61 30.2 19.9 29.9#
87 16.2 9.0 13.6#



#44
Trichloroethene
Concen: 57.414 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

Tgt Ion:130 Resp: 296501
Ion Ratio Lower Upper
130 100
95 97.5 0.0 210.4





#45

1,2-Dichloropropane

Concen: 60.648 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081581.D

Acq: 27 Mar 2024 12:43

Instrument :

MSVOA_N

ClientSampleId :

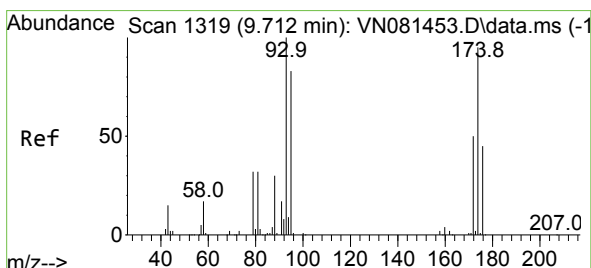
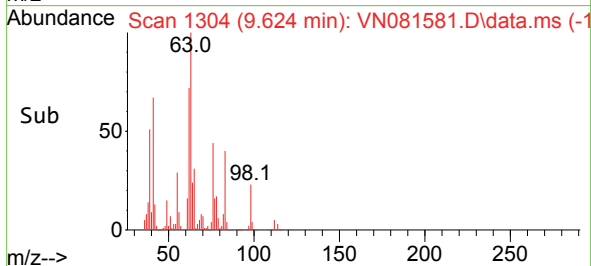
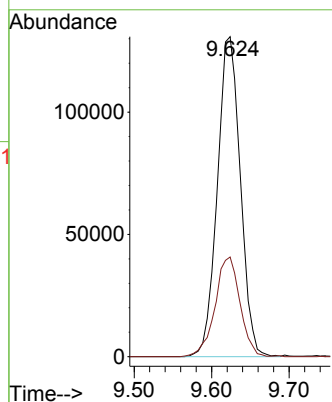
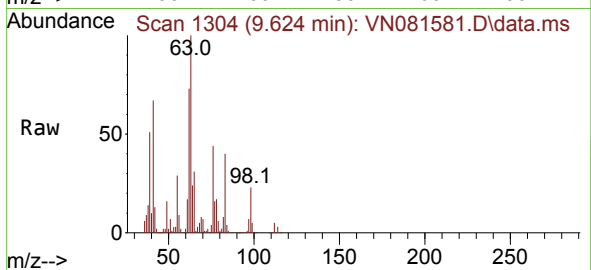
VSTDCCC050

Tgt Ion: 63 Resp: 269887

Ion Ratio Lower Upper

63 100

65 31.1 26.1 39.1



#46

Dibromomethane

Concen: 59.526 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN081581.D

Acq: 27 Mar 2024 12:43

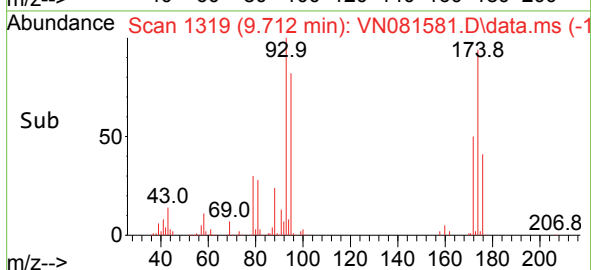
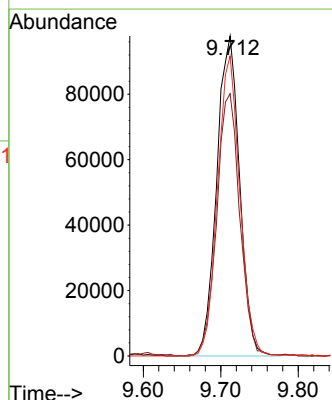
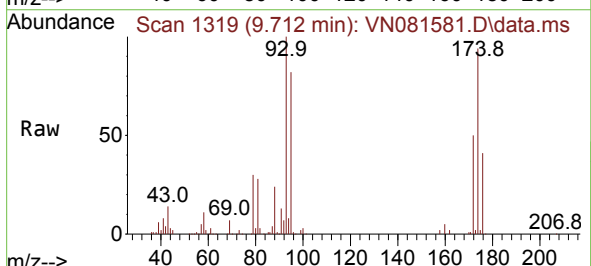
Tgt Ion: 93 Resp: 201167

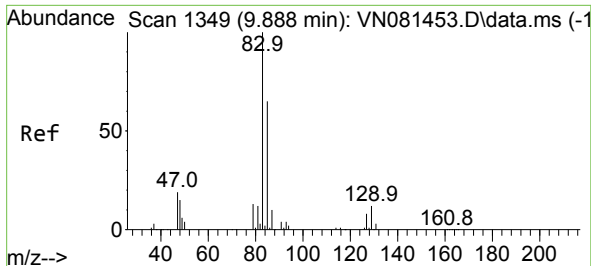
Ion Ratio Lower Upper

93 100

95 82.8 68.1 102.1

174 91.5 57.2 85.8#





#47

Bromodichloromethane

Concen: 63.107 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN081581.D

Acq: 27 Mar 2024 12:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

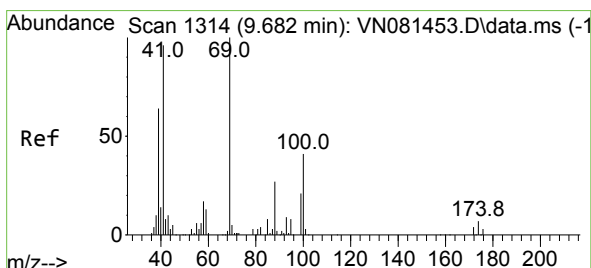
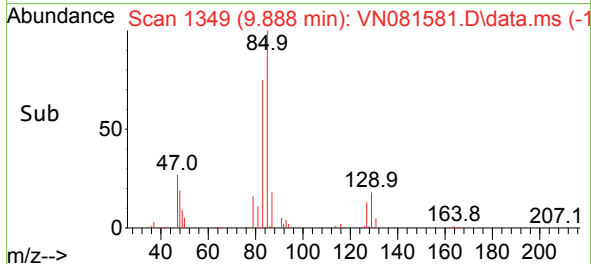
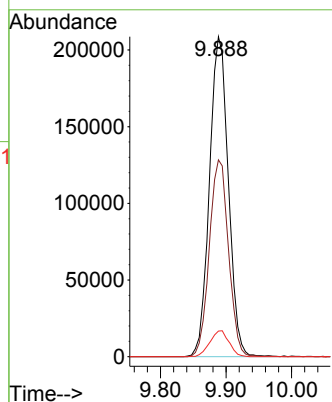
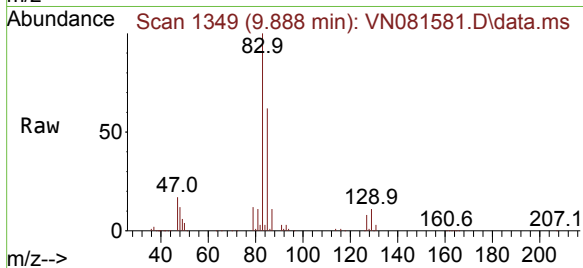
Tgt Ion: 83 Resp: 416975

Ion Ratio Lower Upper

83 100

85 61.5 52.3 78.5

127 8.0 4.6 7.0#



#48

Methyl methacrylate

Concen: 55.397 ug/l

RT: 9.683 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN081581.D

Acq: 27 Mar 2024 12:43

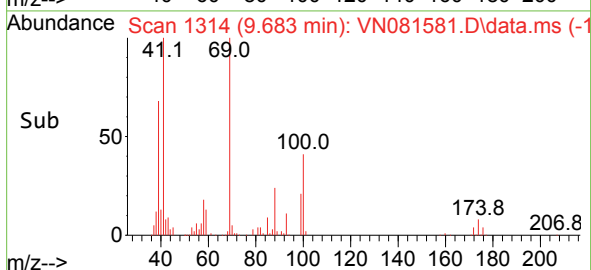
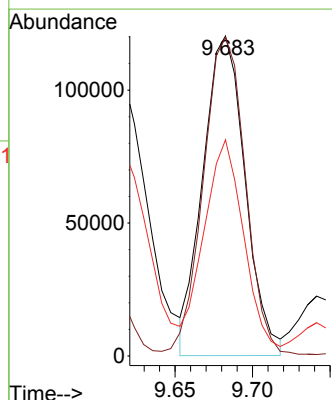
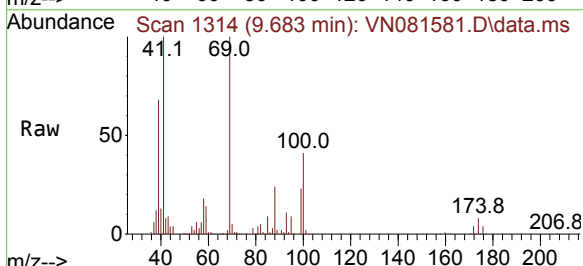
Tgt Ion: 41 Resp: 227784

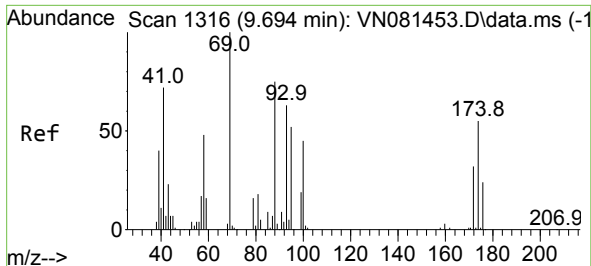
Ion Ratio Lower Upper

41 100

69 100.3 62.2 93.2#

39 64.8 47.6 71.4





#49

1,4-Dioxane

Concen: 984.639 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081581.D

Acq: 27 Mar 2024 12:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

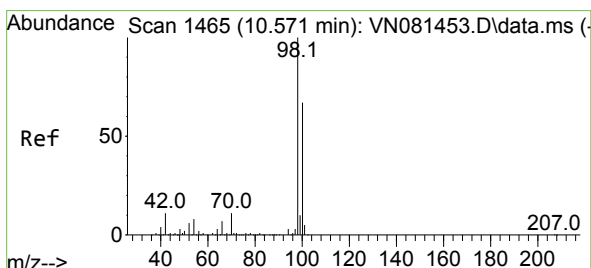
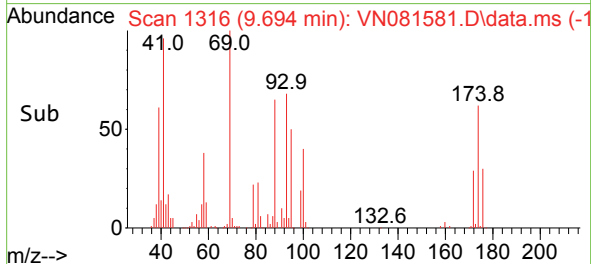
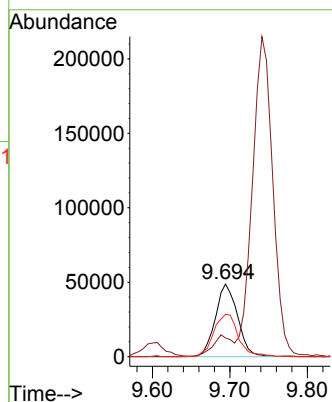
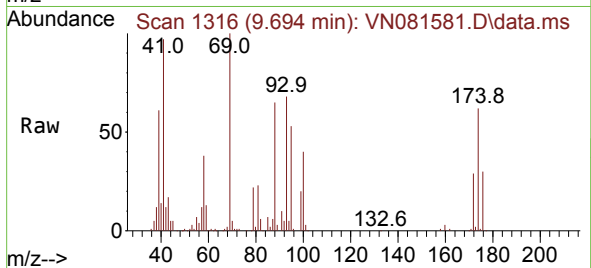
Tgt Ion: 88 Resp: 97296

Ion Ratio Lower Upper

88 100

43 25.6 30.1 45.1#

58 64.8 63.9 95.9



#50

Toluene-d8

Concen: 48.775 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN081581.D

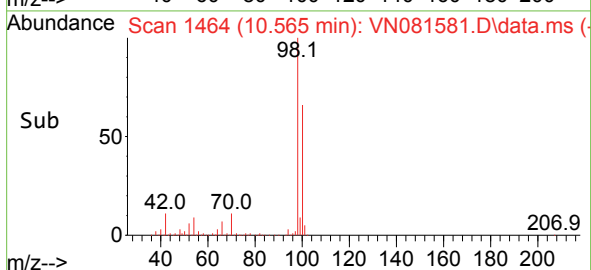
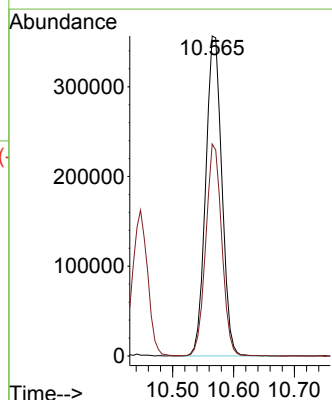
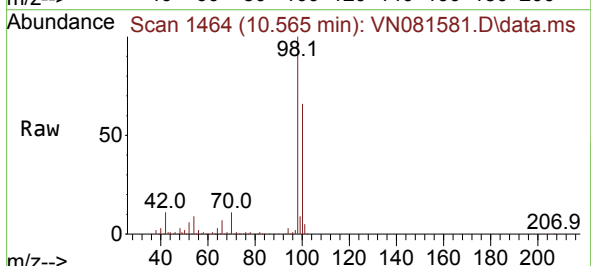
Acq: 27 Mar 2024 12:43

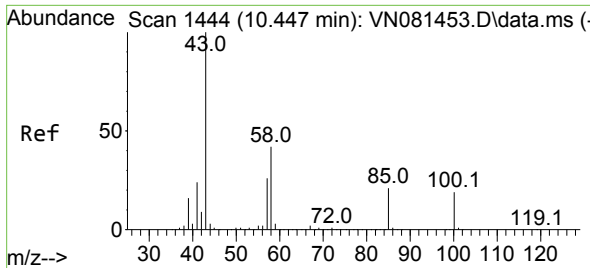
Tgt Ion: 98 Resp: 658015

Ion Ratio Lower Upper

98 100

100 65.6 51.4 77.0

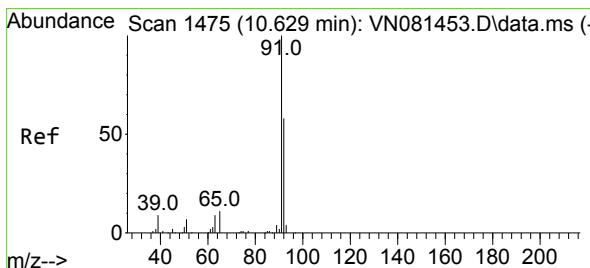
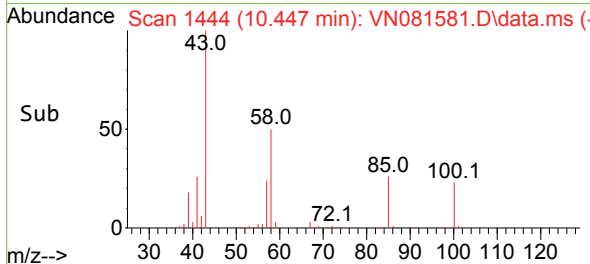
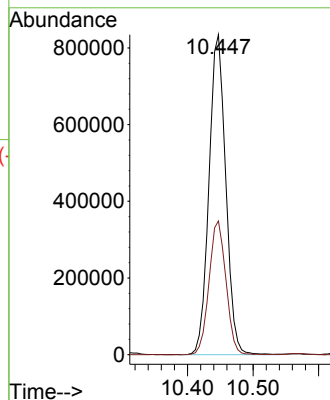
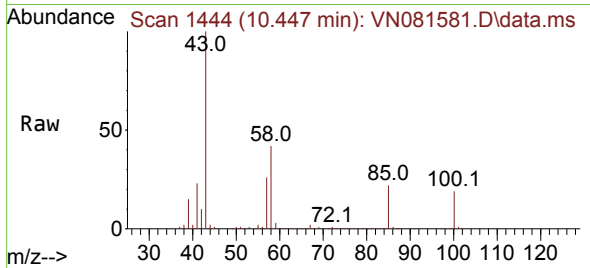




#51
4-Methyl-2-Pentanone
Concen: 272.766 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

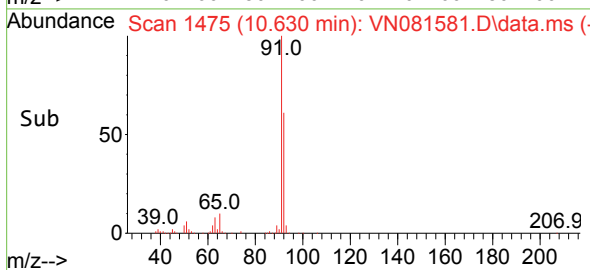
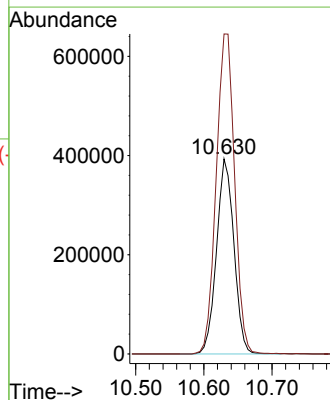
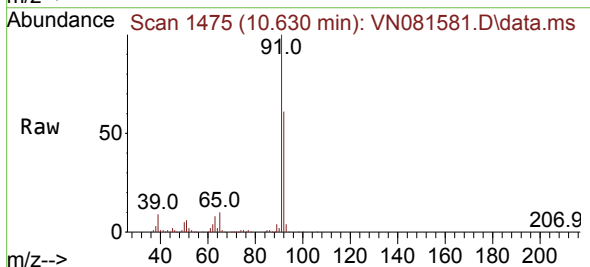
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

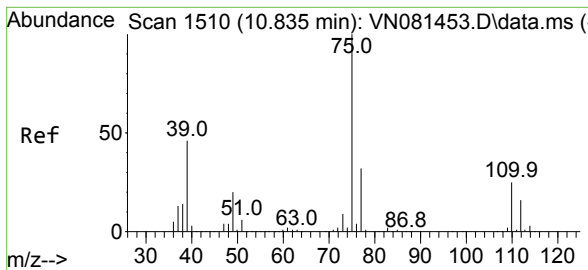
Tgt Ion: 43 Resp: 1483772
Ion Ratio Lower Upper
43 100
58 42.1 29.4 44.0



#52
Toluene
Concen: 59.871 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

Tgt Ion: 92 Resp: 698735
Ion Ratio Lower Upper
92 100
91 173.8 139.4 209.0

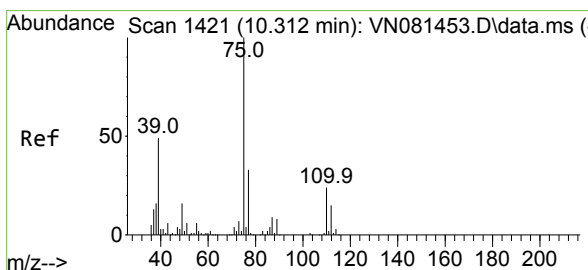
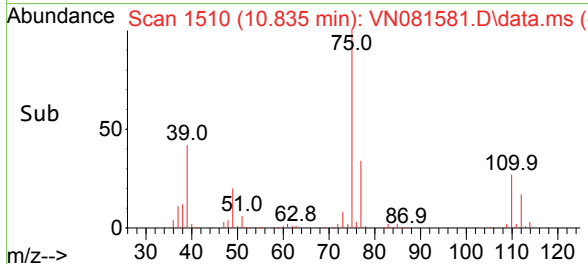
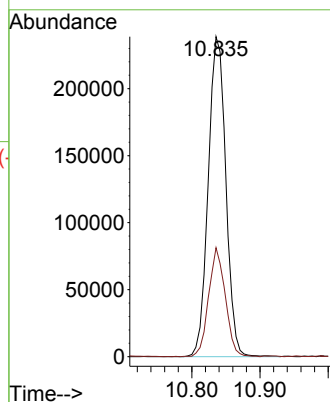
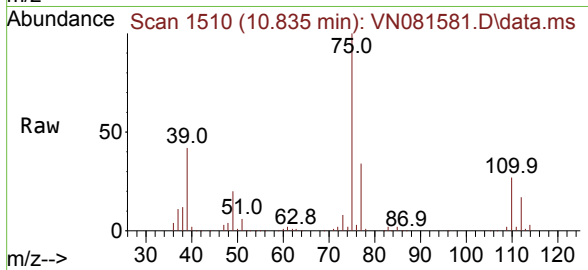




#53
 t-1,3-Dichloropropene
 Concen: 60.201 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN081581.D
 Acq: 27 Mar 2024 12:43

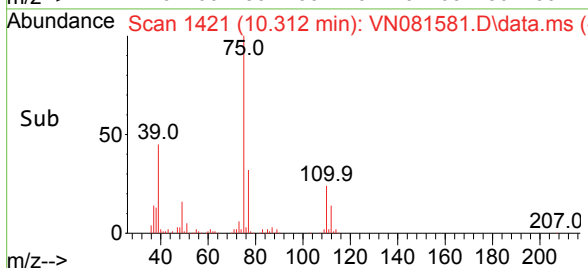
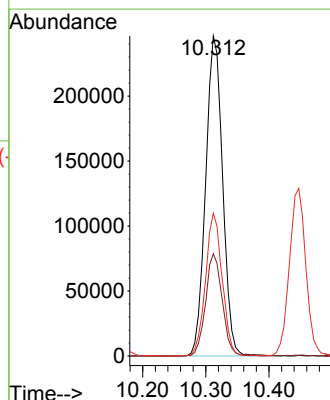
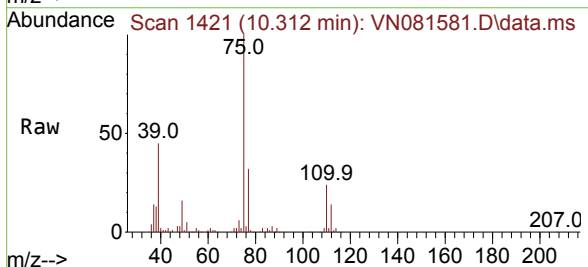
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

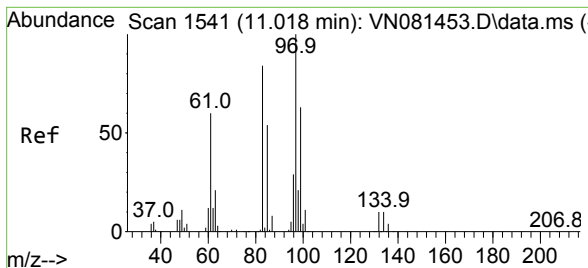
Tgt Ion: 75 Resp: 429523
 Ion Ratio Lower Upper
 75 100
 77 34.1 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 60.252 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN081581.D
 Acq: 27 Mar 2024 12:43

Tgt Ion: 75 Resp: 460904
 Ion Ratio Lower Upper
 75 100
 77 31.9 23.3 34.9
 39 44.6 44.6 66.8



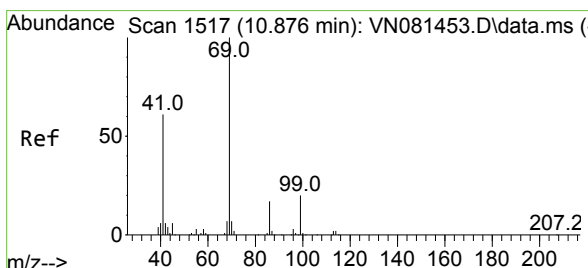
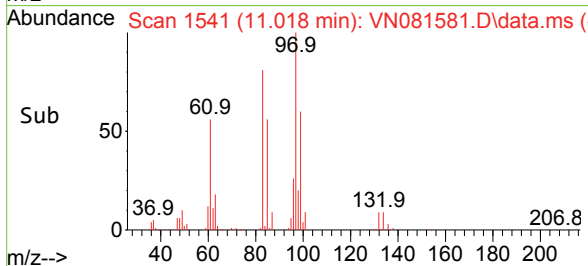
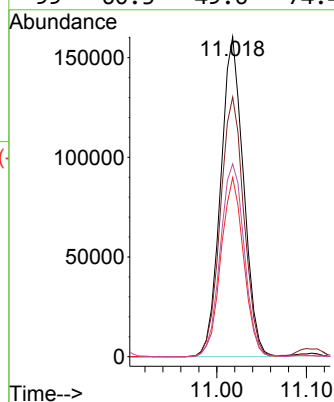
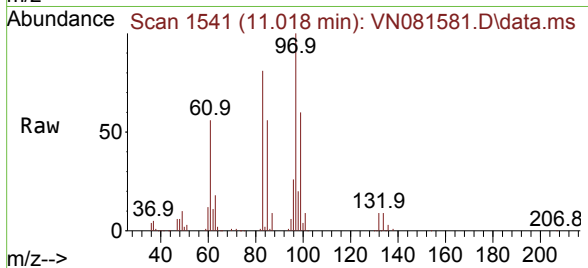


#55
1,1,2-Trichloroethane
Concen: 60.499 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 284150

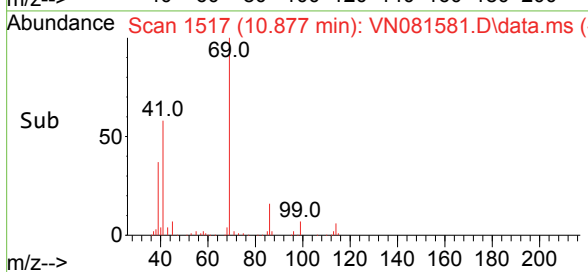
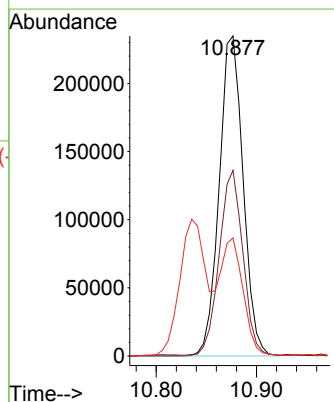
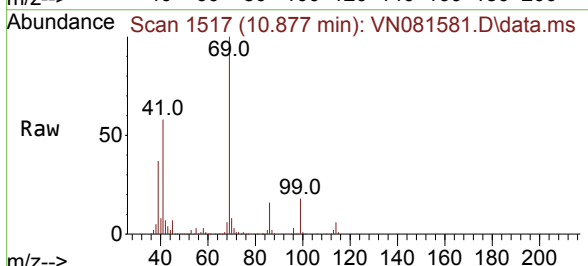
Ion	Ratio	Lower	Upper
97	100		
83	81.1	72.9	109.3
85	56.0	50.2	75.2
99	60.3	49.6	74.4

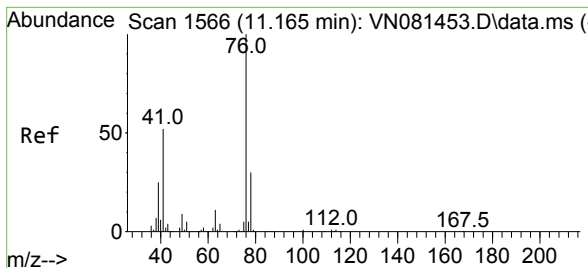


#56
Ethyl methacrylate
Concen: 54.992 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.001 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

Tgt Ion: 69 Resp: 388801

Ion	Ratio	Lower	Upper
69	100		
41	56.9	61.0	91.6#
39	33.3	31.8	47.6





#57

1,3-Dichloropropane

Concen: 61.584 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081581.D

Acq: 27 Mar 2024 12:43

Instrument :

MSVOA_N

ClientSampleId :

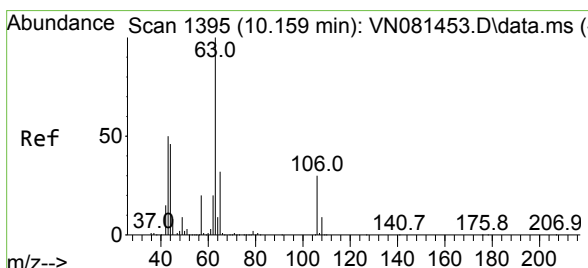
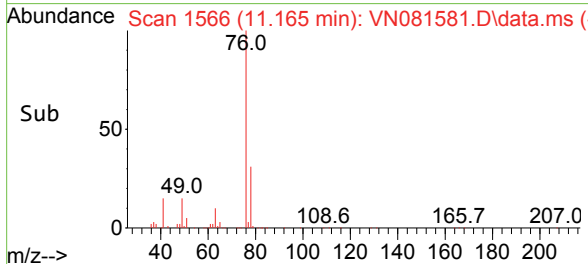
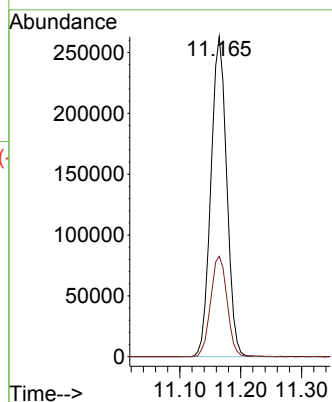
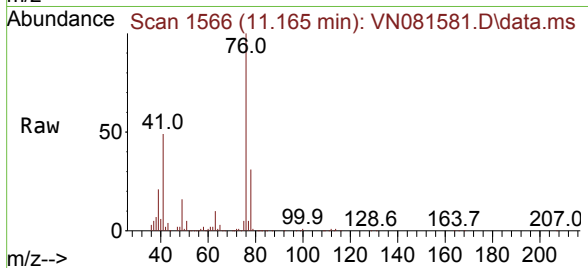
VSTDCCC050

Tgt Ion: 76 Resp: 474169

Ion Ratio Lower Upper

76 100

78 32.5 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 289.520 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN081581.D

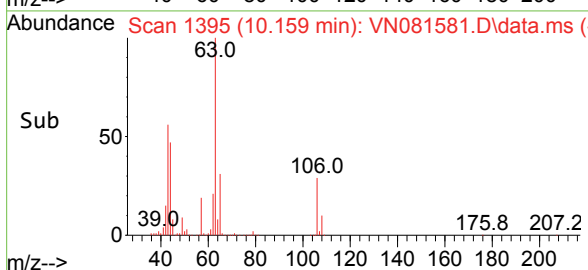
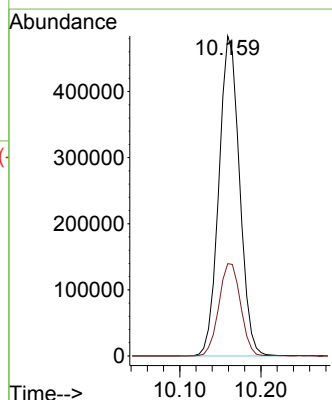
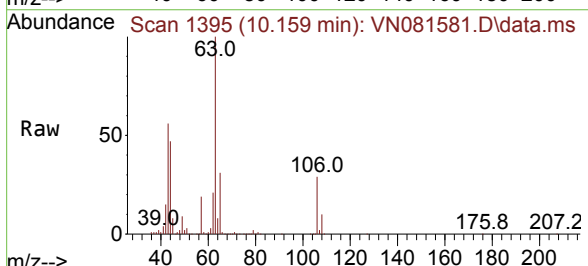
Acq: 27 Mar 2024 12:43

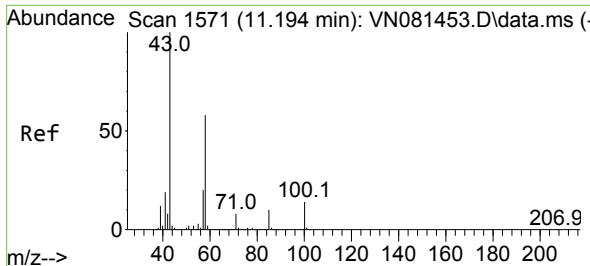
Tgt Ion: 63 Resp: 855626

Ion Ratio Lower Upper

63 100

106 30.4 18.6 28.0#

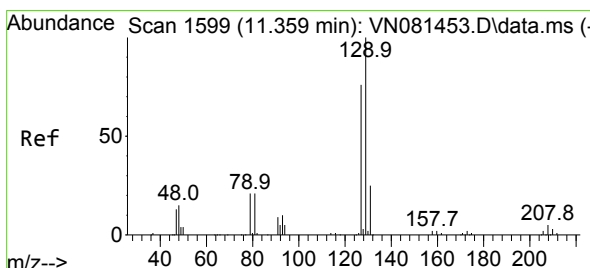
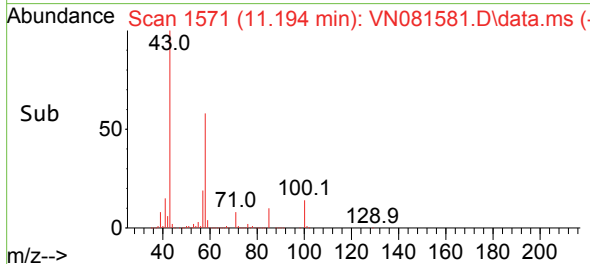
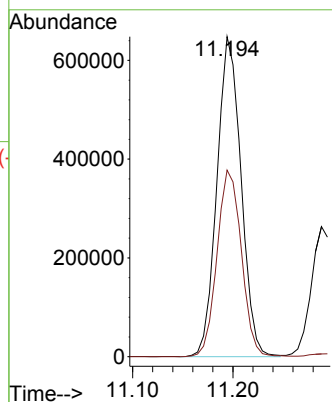
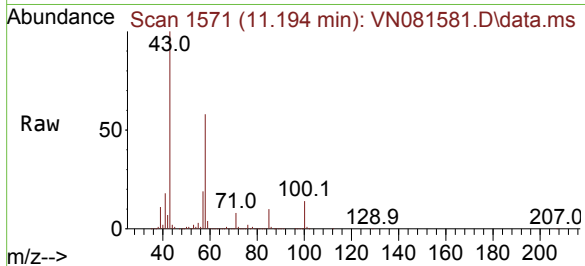




#59
2-Hexanone
Concen: 268.616 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

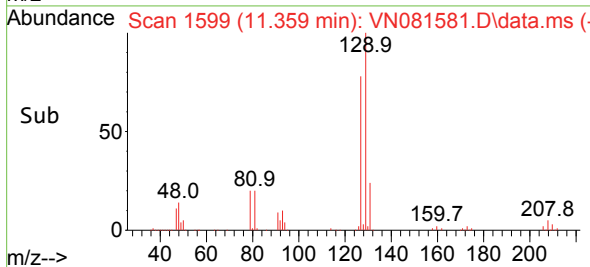
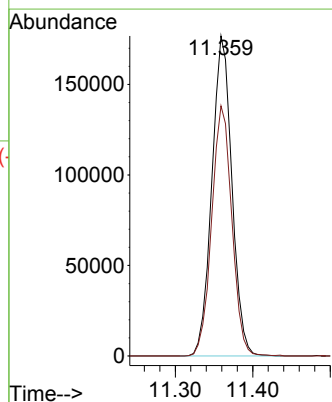
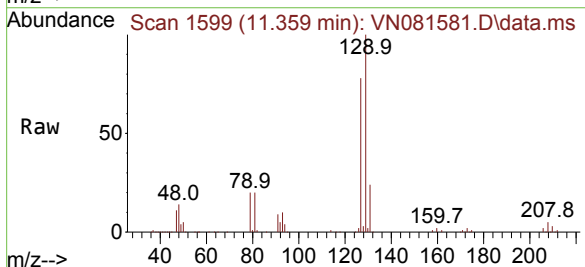
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

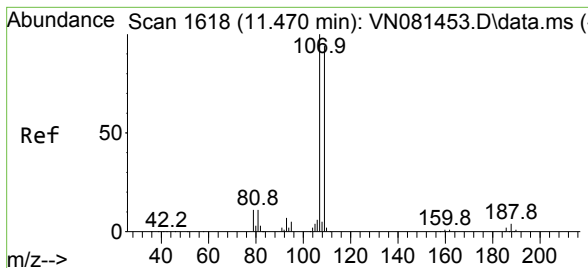
Tgt Ion: 43 Resp: 1080321
Ion Ratio Lower Upper
43 100
58 59.0 25.9 77.8



#60
Dibromochloromethane
Concen: 61.485 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

Tgt Ion: 129 Resp: 317589
Ion Ratio Lower Upper
129 100
127 78.7 39.4 118.2

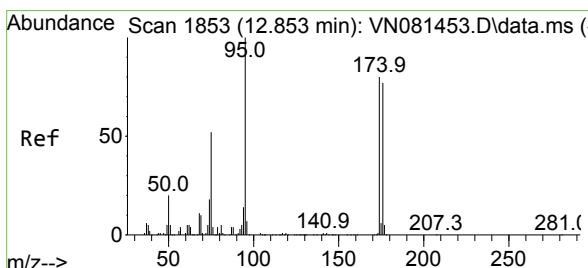
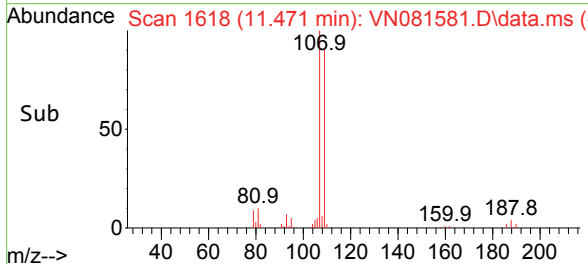
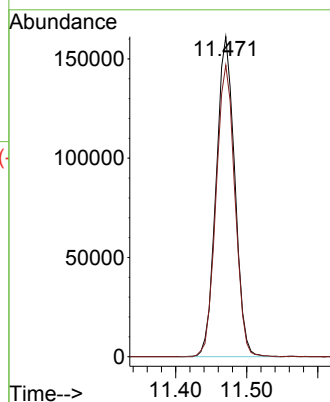
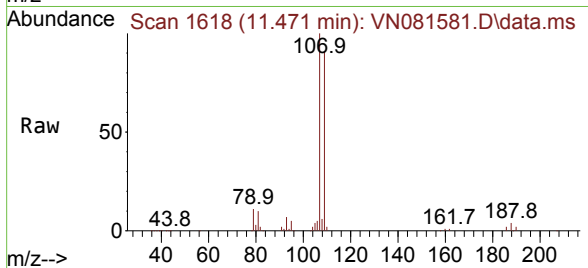




#61
1,2-Dibromoethane
Concen: 60.999 ug/l
RT: 11.471 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

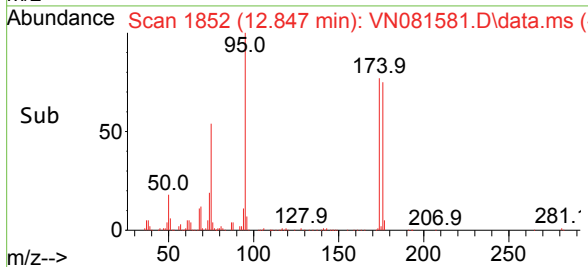
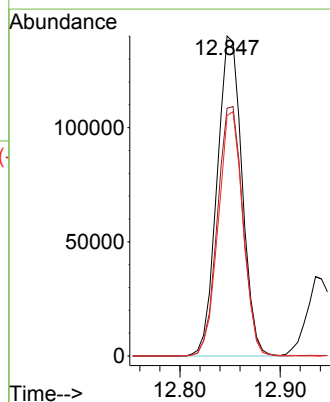
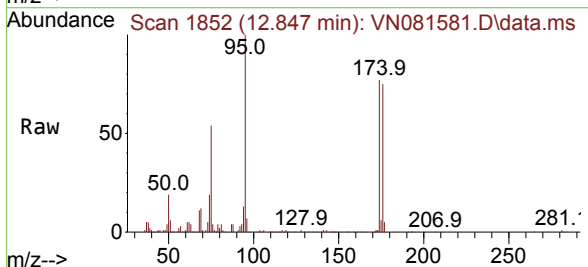
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

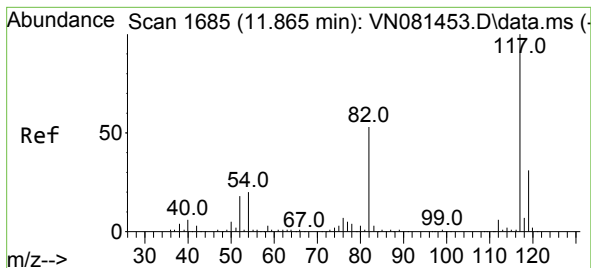
Tgt Ion:107 Resp: 292091
Ion Ratio Lower Upper
107 100
109 92.3 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 50.960 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

Tgt Ion: 95 Resp: 242247
Ion Ratio Lower Upper
95 100
174 79.4 0.0 120.4
176 75.4 0.0 121.0

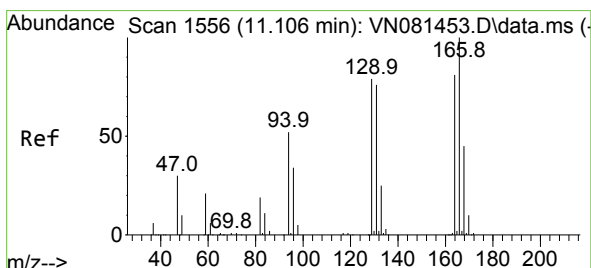
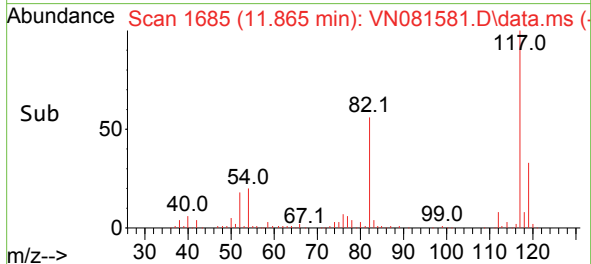
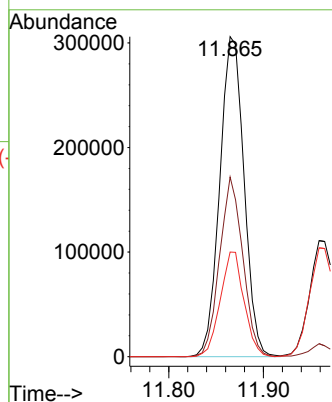
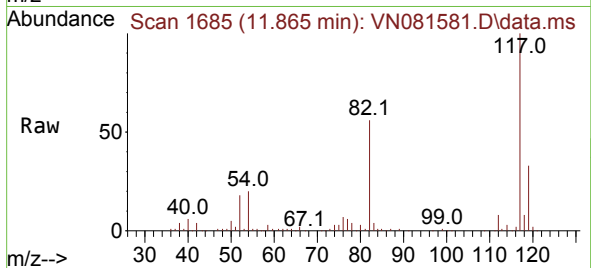




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

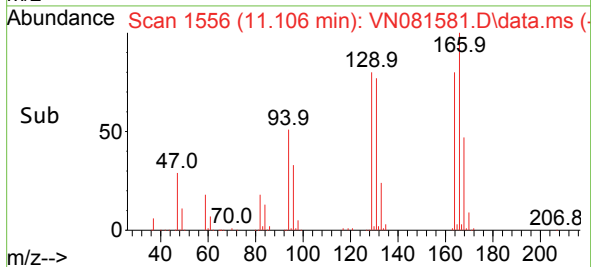
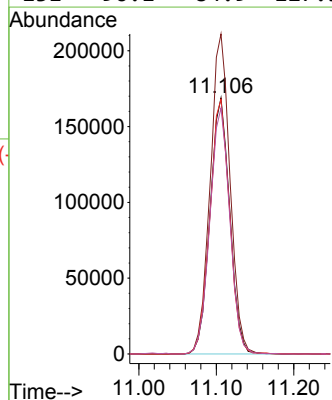
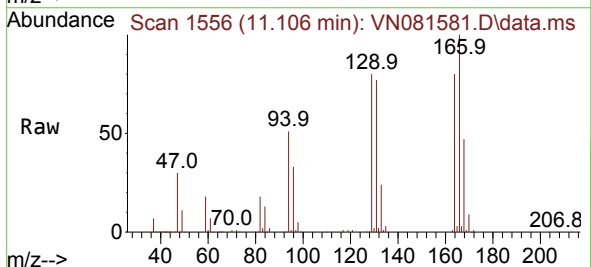
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

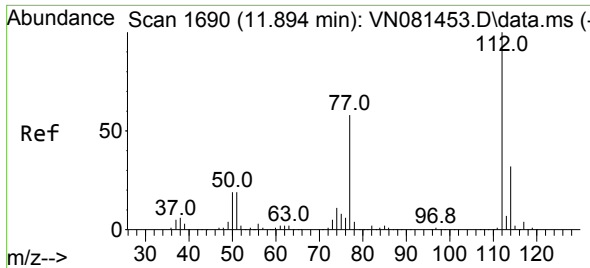
Tgt Ion:117 Resp: 545391
Ion Ratio Lower Upper
117 100
82 56.1 52.7 79.1
119 32.7 25.3 37.9



#64
Tetrachloroethene
Concen: 57.303 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

Tgt Ion:164 Resp: 298734
Ion Ratio Lower Upper
164 100
166 125.0 105.8 158.6
129 99.5 89.6 134.4
131 96.1 84.9 127.3

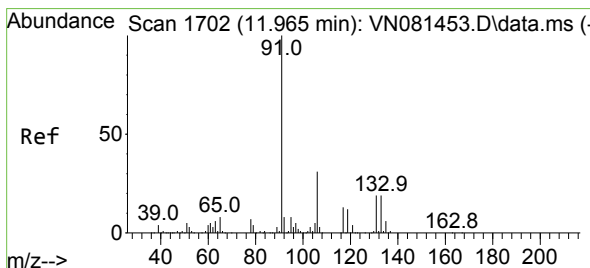
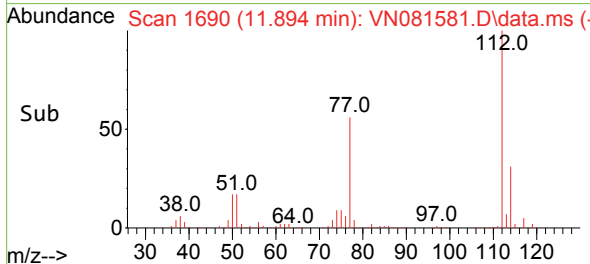
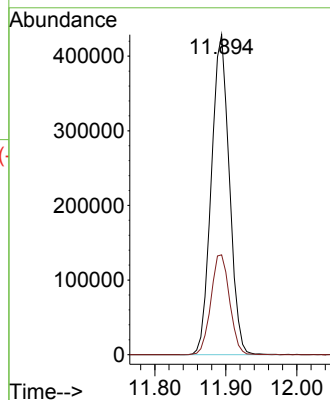
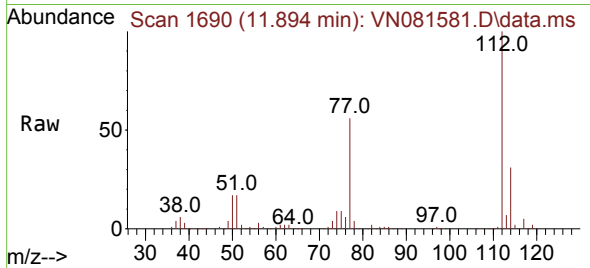




#65
Chlorobenzene
Concen: 58.479 ug/l
RT: 11.894 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

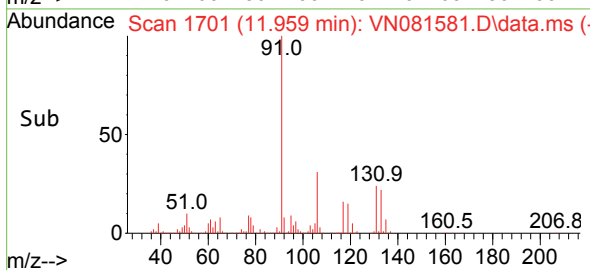
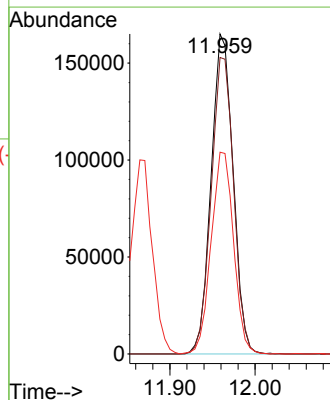
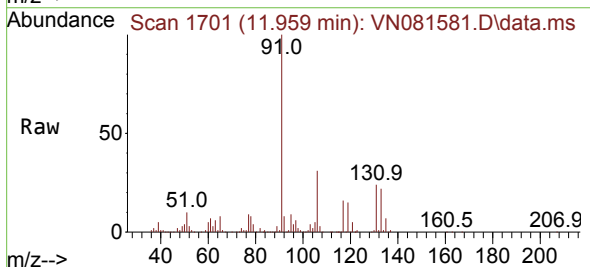
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

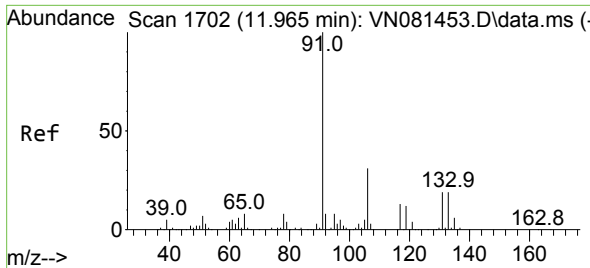
Tgt Ion:112 Resp: 753971
Ion Ratio Lower Upper
112 100
114 31.2 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 61.900 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

Tgt Ion:131 Resp: 295789
Ion Ratio Lower Upper
131 100
133 94.6 46.8 140.3
119 64.4 34.6 103.9

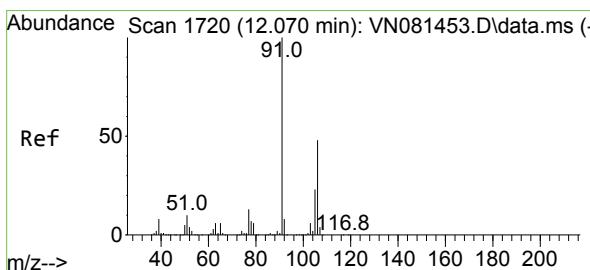
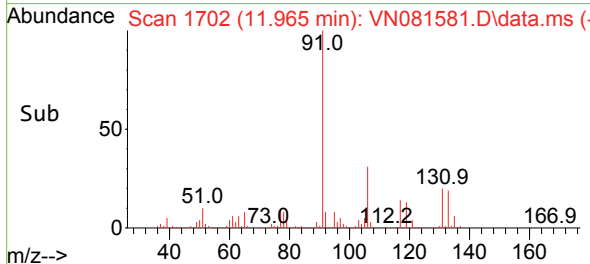
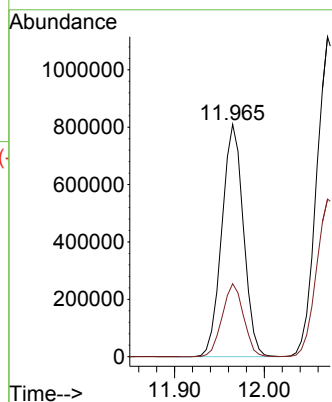
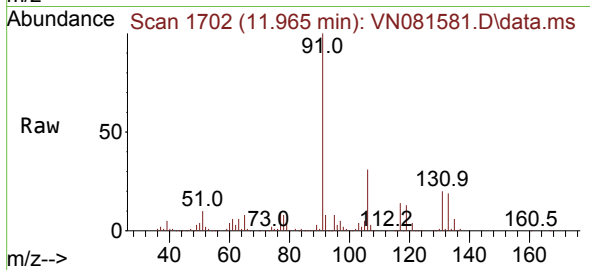




#67
Ethyl Benzene
Concen: 60.433 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

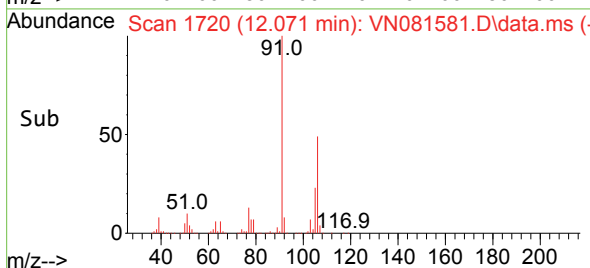
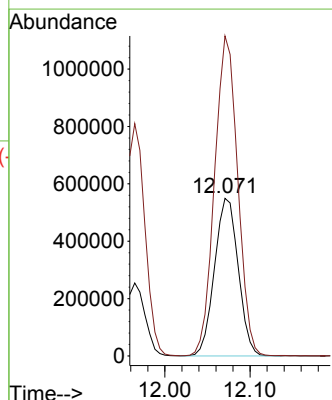
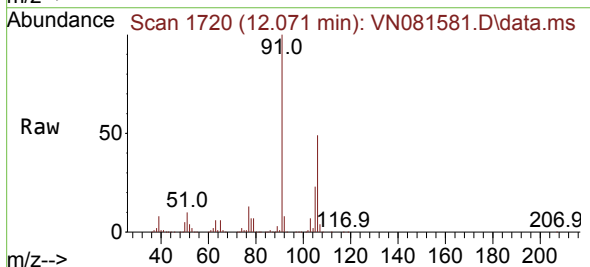
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

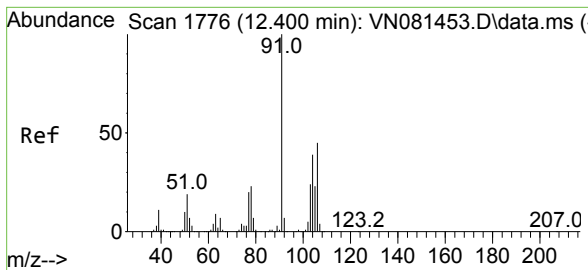
Tgt Ion: 91 Resp: 1353459
Ion Ratio Lower Upper
91 100
106 31.4 23.8 35.6



#68
m/p-Xylenes
Concen: 126.582 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

Tgt Ion:106 Resp: 1062775
Ion Ratio Lower Upper
106 100
91 198.3 169.0 253.6

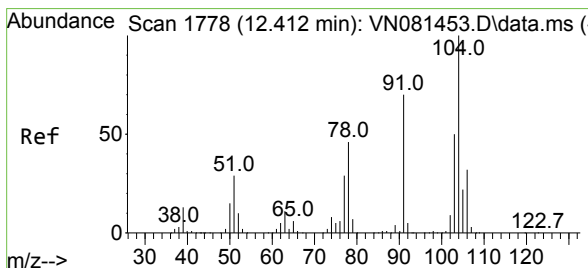
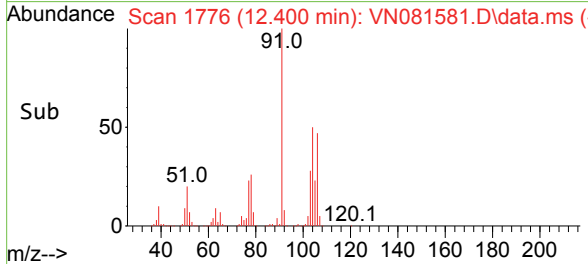
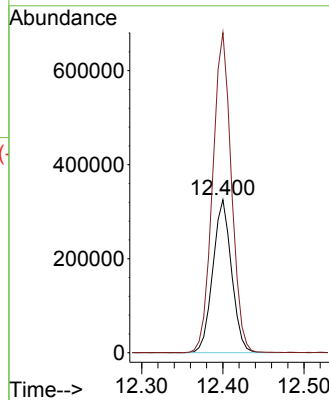
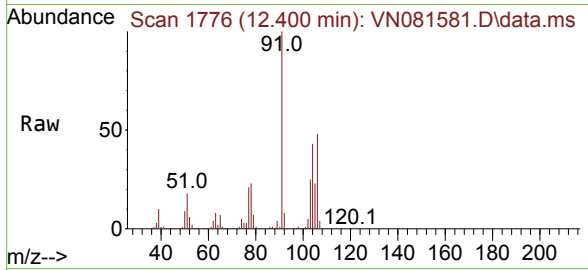




#69
o-Xylene
Concen: 63.150 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

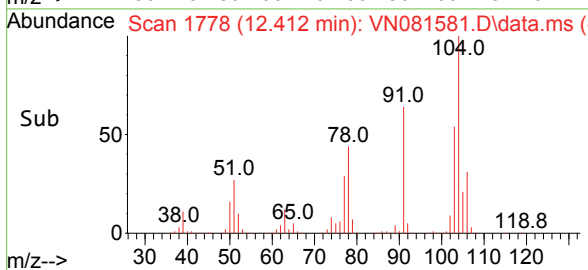
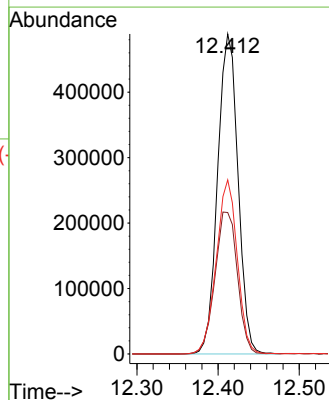
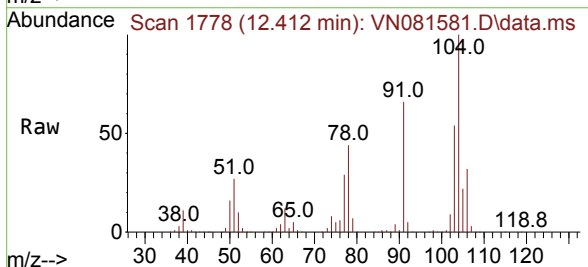
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

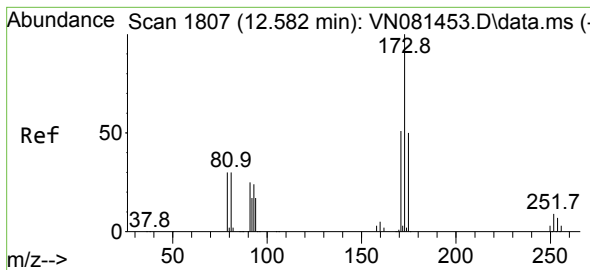
Tgt Ion:106 Resp: 520517
Ion Ratio Lower Upper
106 100
91 210.3 112.1 336.3



#70
Styrene
Concen: 64.212 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

Tgt Ion:104 Resp: 853614
Ion Ratio Lower Upper
104 100
78 49.0 43.8 65.8
103 56.3 44.2 66.2





#71

Bromoform

Concen: 60.268 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN081581.D

Acq: 27 Mar 2024 12:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

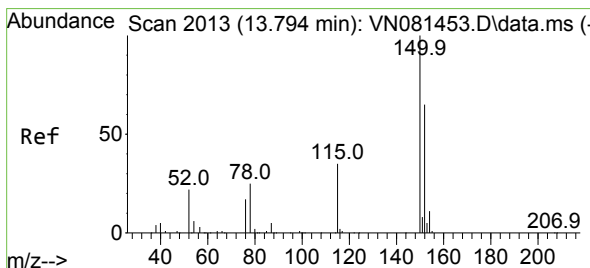
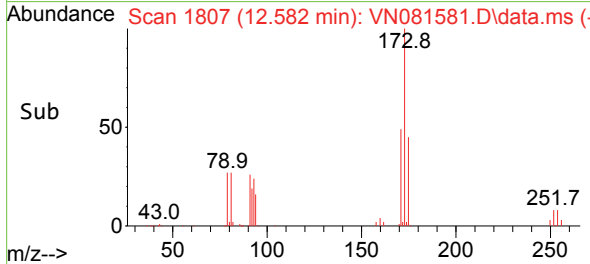
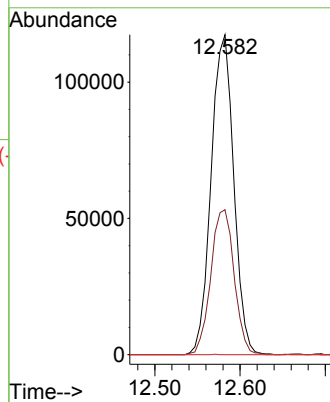
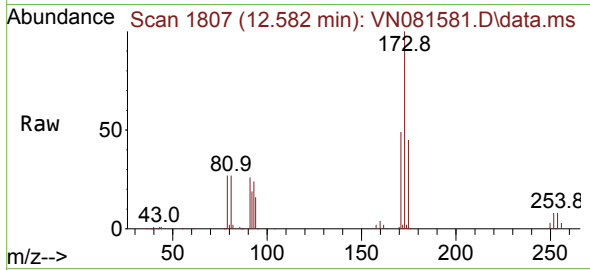
Tgt Ion:173 Resp: 216414

Ion Ratio Lower Upper

173 100

175 46.9 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: VN081581.D

Acq: 27 Mar 2024 12:43

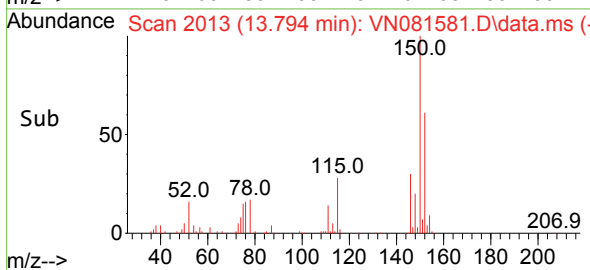
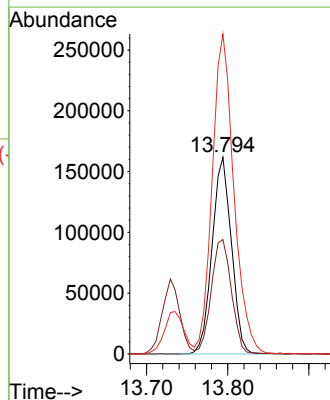
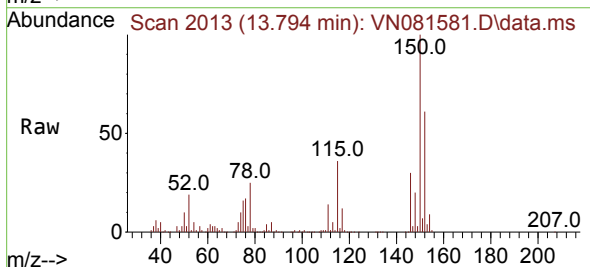
Tgt Ion:152 Resp: 267921

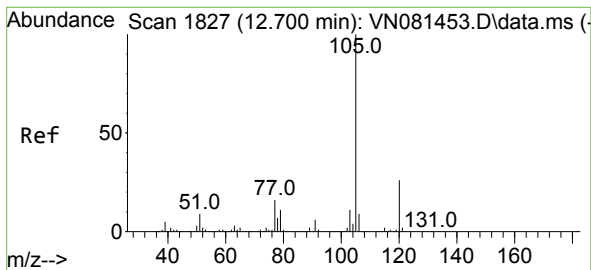
Ion Ratio Lower Upper

152 100

115 60.0 32.3 96.8

150 181.6 0.0 339.8





#73

Isopropylbenzene

Concen: 58.381 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN081581.D

Acq: 27 Mar 2024 12:43

Instrument :

MSVOA_N

ClientSampleId :

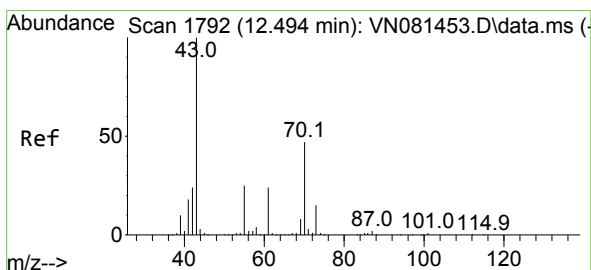
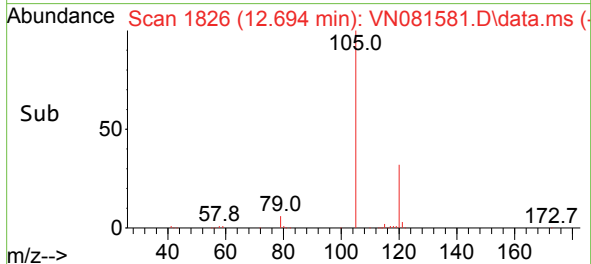
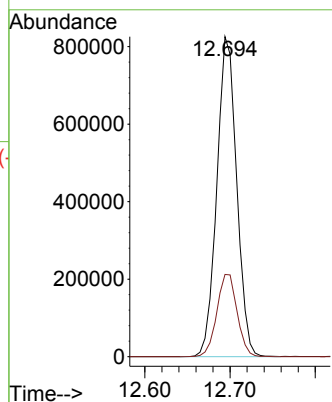
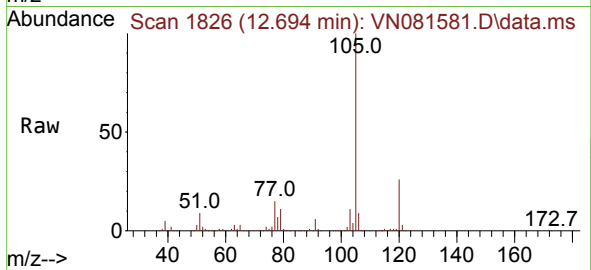
VSTDCCC050

Tgt Ion:105 Resp: 1333308

Ion Ratio Lower Upper

105 100

120 26.3 12.6 37.6



#74

N-ethyl acetate

Concen: 54.230 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN081581.D

Acq: 27 Mar 2024 12:43

Tgt Ion: 43 Resp: 448196

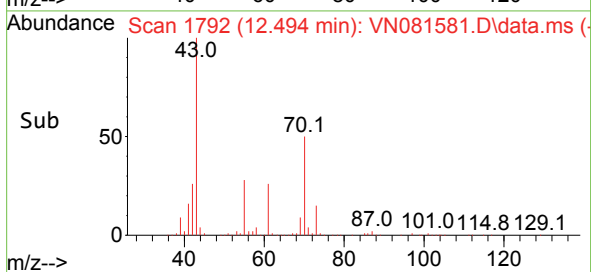
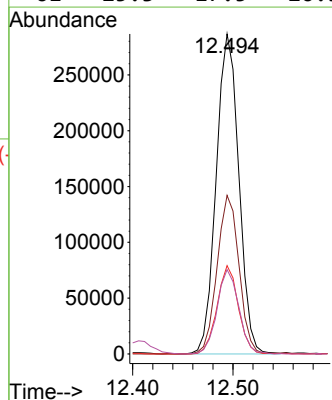
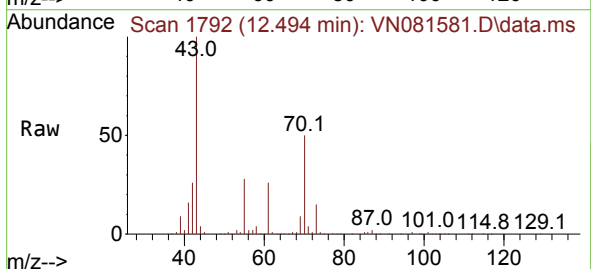
Ion Ratio Lower Upper

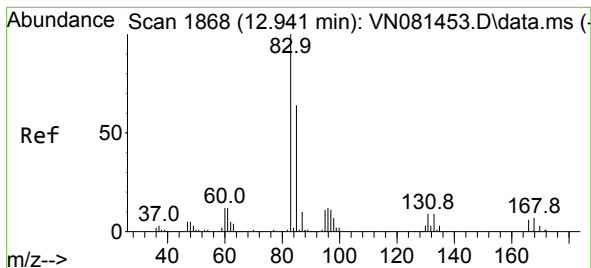
43 100

70 48.2 30.1 45.1#

55 25.9 17.0 25.4#

61 25.3 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 54.032 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN081581.D

Acq: 27 Mar 2024 12:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

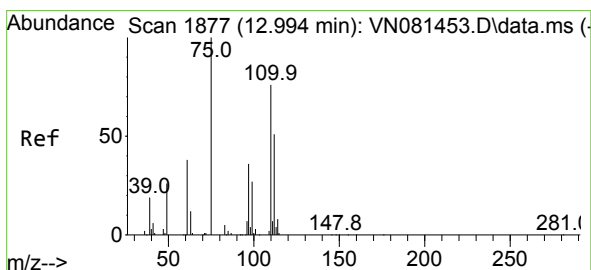
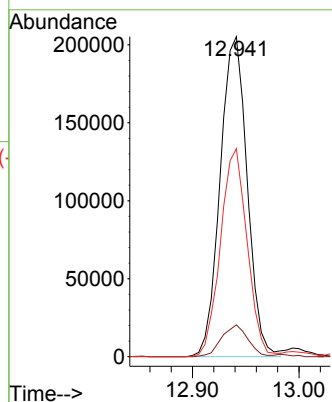
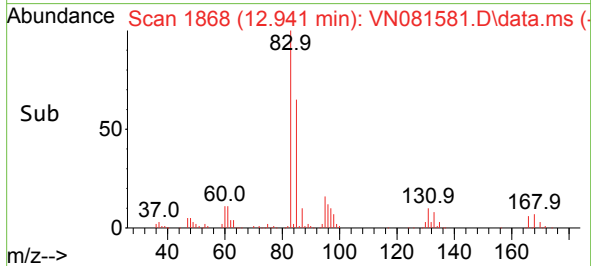
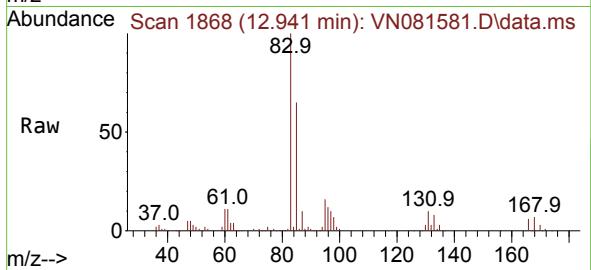
Tgt Ion: 83 Resp: 362805

Ion Ratio Lower Upper

83 100

131 9.6 4.1 12.3

85 64.1 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 77.331 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN081581.D

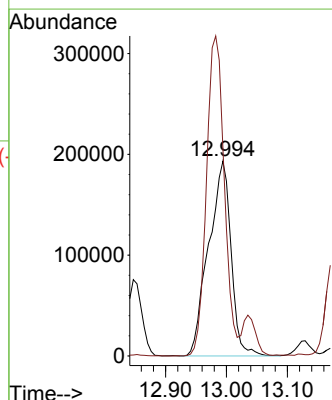
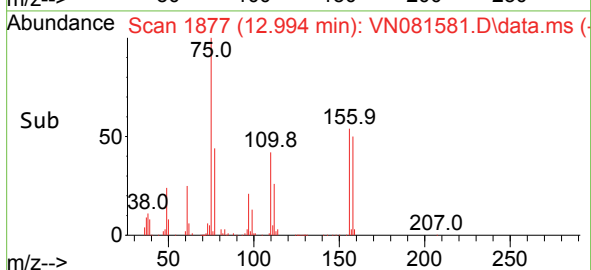
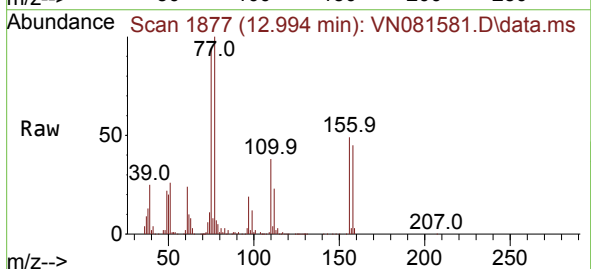
Acq: 27 Mar 2024 12:43

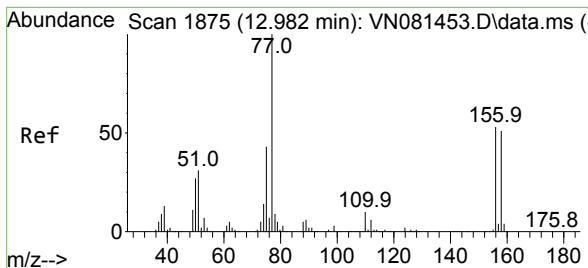
Tgt Ion: 75 Resp: 495597

Ion Ratio Lower Upper

75 100

77 130.1 91.0 272.8





#77

Bromobenzene

Concen: 57.219 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN081581.D

Acq: 27 Mar 2024 12:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

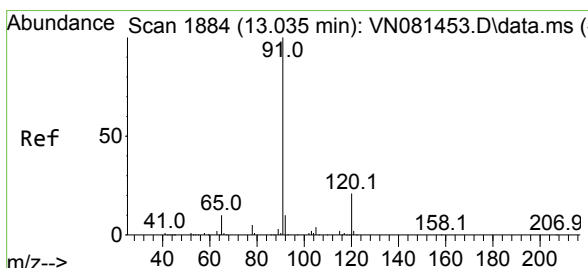
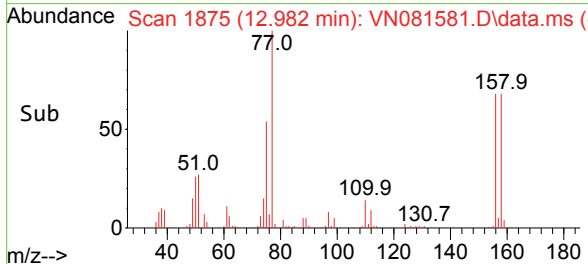
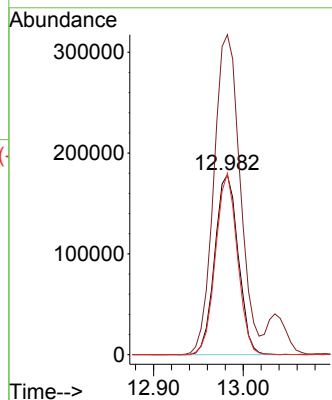
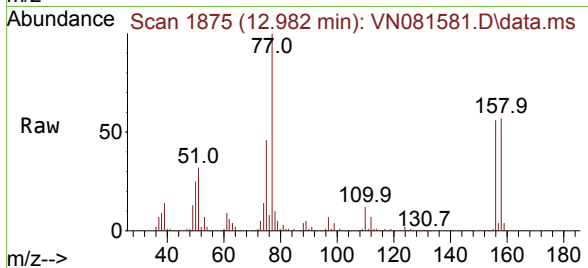
Tgt Ion:156 Resp: 322806

Ion Ratio Lower Upper

156 100

77 199.8 138.1 414.3

158 94.5 46.5 139.5



#78

n-propylbenzene

Concen: 59.120 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN081581.D

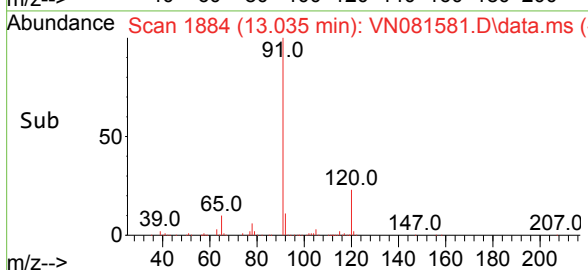
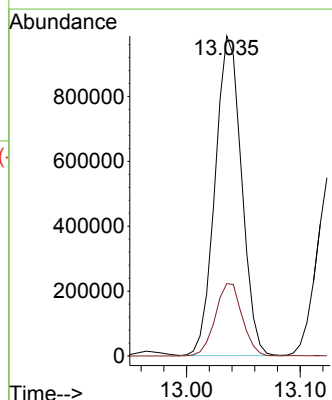
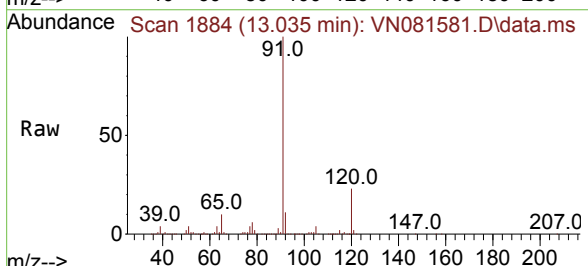
Acq: 27 Mar 2024 12:43

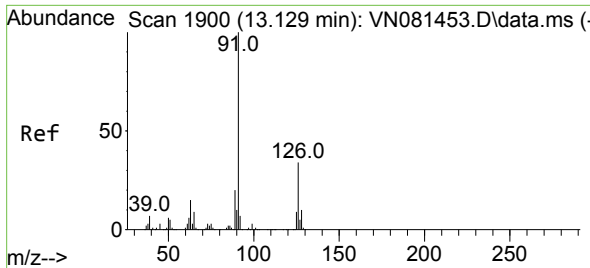
Tgt Ion: 91 Resp: 1594479

Ion Ratio Lower Upper

91 100

120 23.1 10.3 30.9

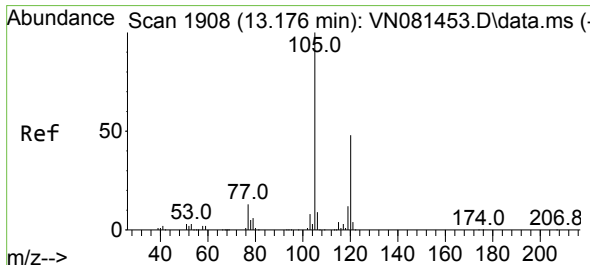
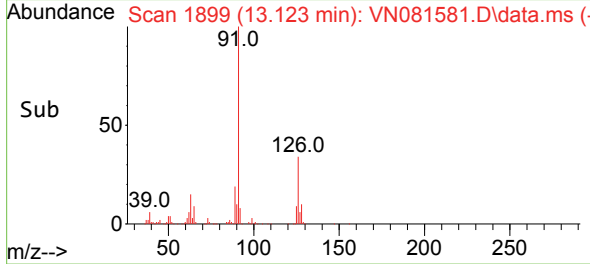
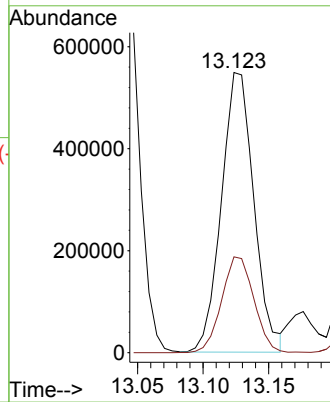
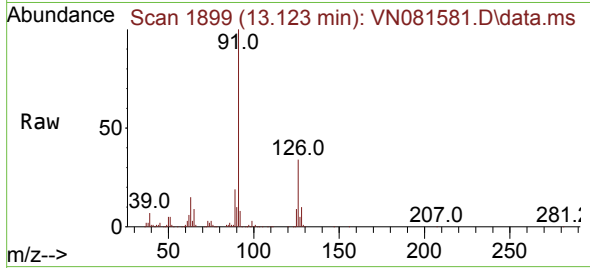




#79
2-Chlorotoluene
Concen: 58.536 ug/l
RT: 13.123 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

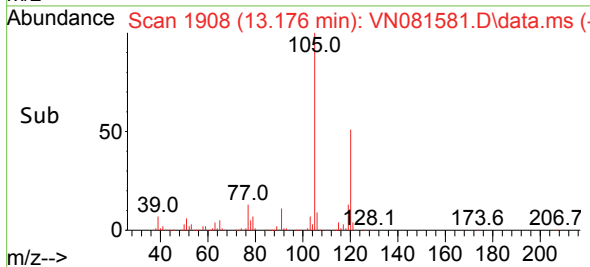
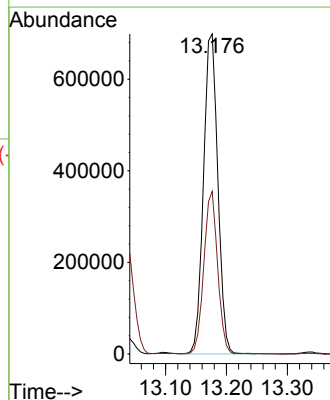
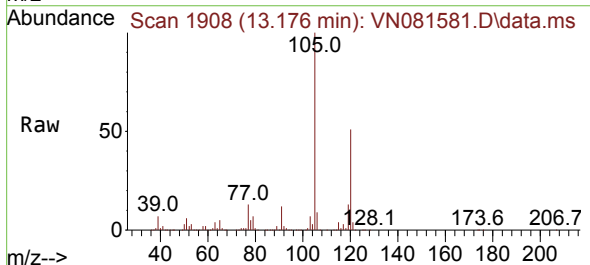
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

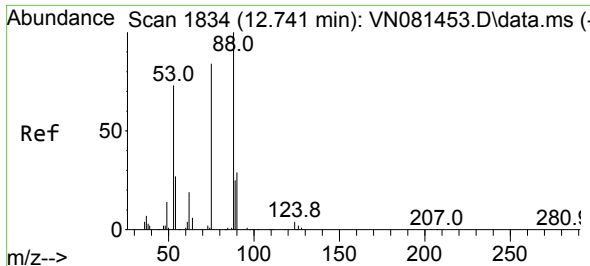
Tgt Ion: 91 Resp: 944891
Ion Ratio Lower Upper
91 100
126 34.1 14.8 44.4



#80
1,3,5-Trimethylbenzene
Concen: 60.796 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

Tgt Ion: 105 Resp: 1146786
Ion Ratio Lower Upper
105 100
120 48.6 23.0 69.0

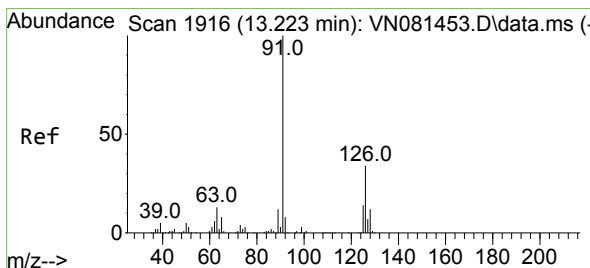
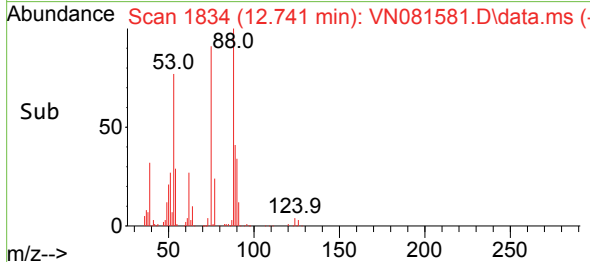
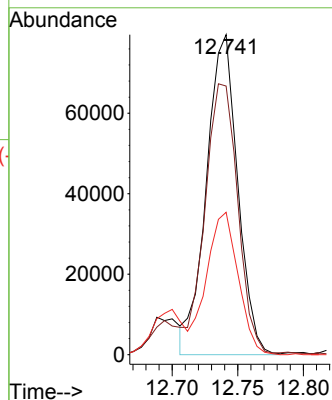
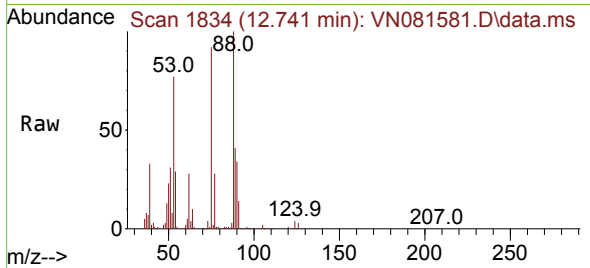




#81
trans-1,4-Dichloro-2-butene
Concen: 55.809 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

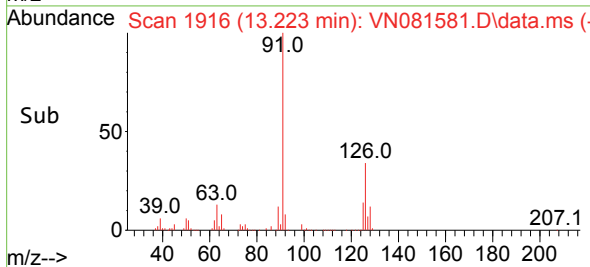
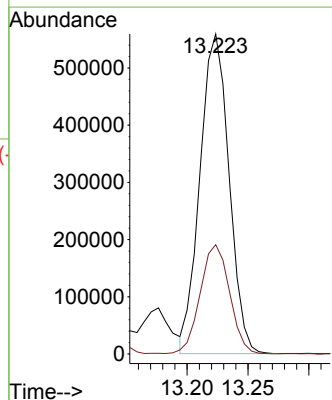
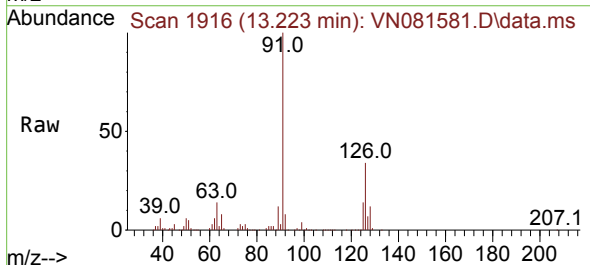
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

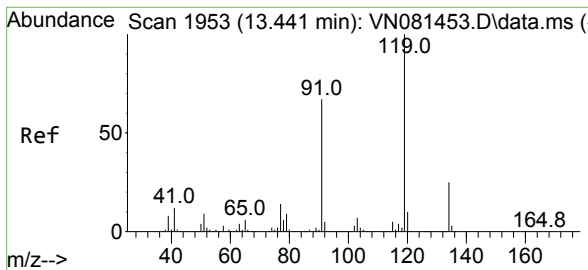
Tgt Ion: 75 Resp: 132357
Ion Ratio Lower Upper
75 100
53 89.6 71.4 107.2
89 44.9 33.4 50.0



#82
4-Chlorotoluene
Concen: 58.237 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

Tgt Ion: 91 Resp: 926815
Ion Ratio Lower Upper
91 100
126 34.5 15.3 45.9

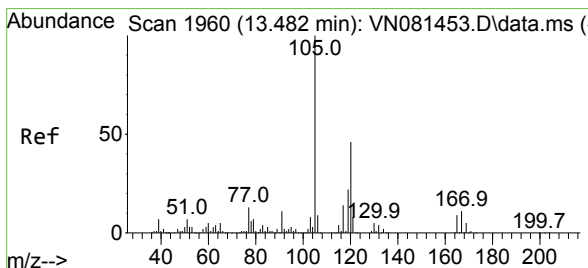
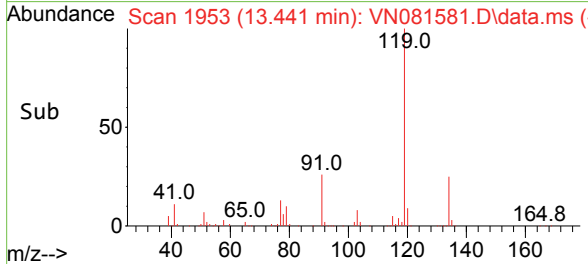
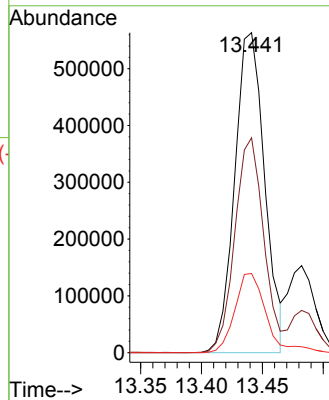
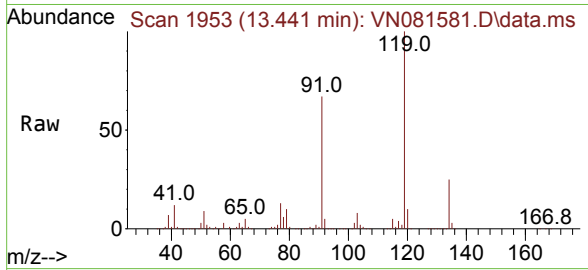




#83
tert-Butylbenzene
Concen: 59.340 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

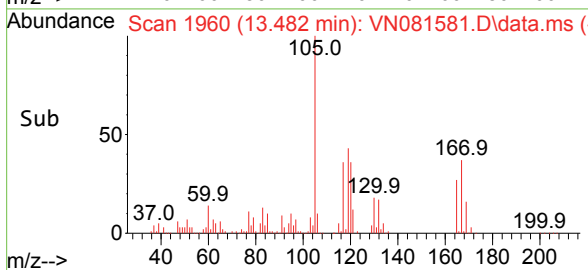
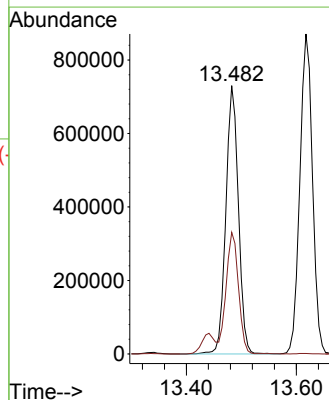
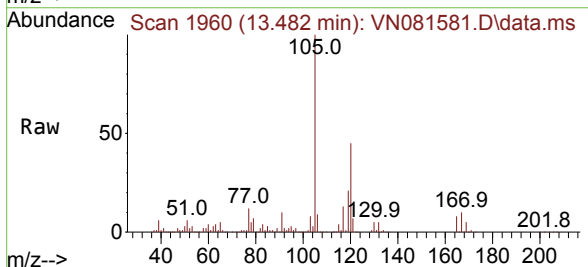
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

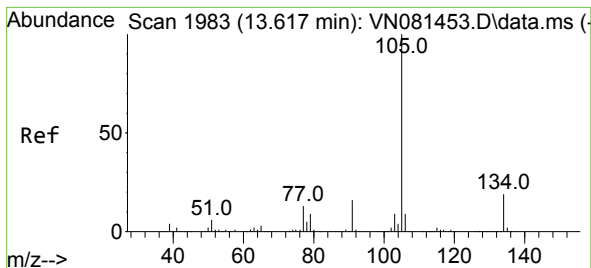
Tgt Ion:119 Resp: 965227
Ion Ratio Lower Upper
119 100
91 64.4 36.8 110.4
134 26.0 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 60.965 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

Tgt Ion:105 Resp: 1155808
Ion Ratio Lower Upper
105 100
120 45.4 20.9 62.7





#85

sec-Butylbenzene

Concen: 59.566 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN081581.D

Acq: 27 Mar 2024 12:43

Instrument :

MSVOA_N

ClientSampleId :

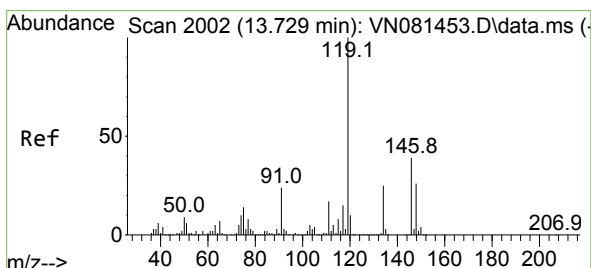
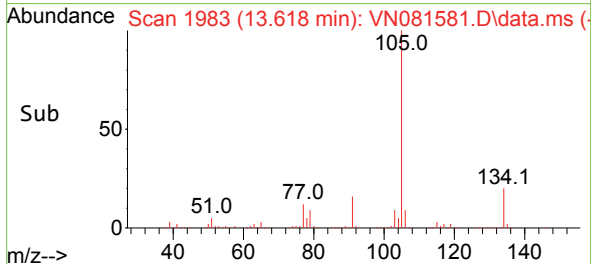
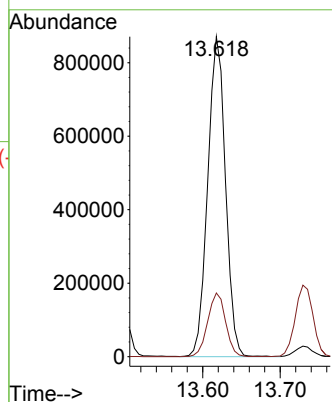
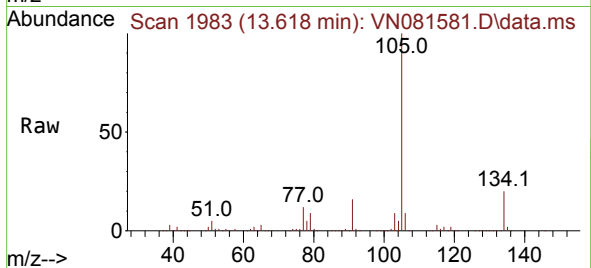
VSTDCCC050

Tgt Ion:105 Resp: 1385103

Ion Ratio Lower Upper

105 100

134 20.1 8.6 25.8



#86

p-Isopropyltoluene

Concen: 61.046 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN081581.D

Acq: 27 Mar 2024 12:43

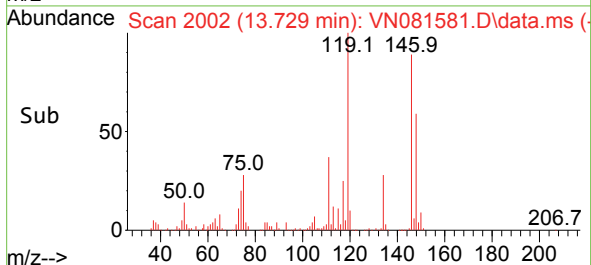
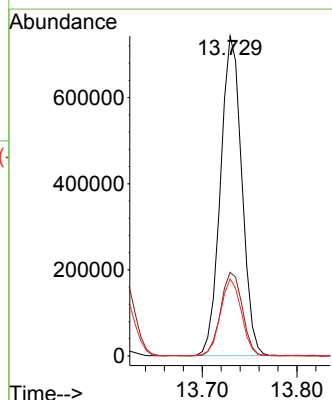
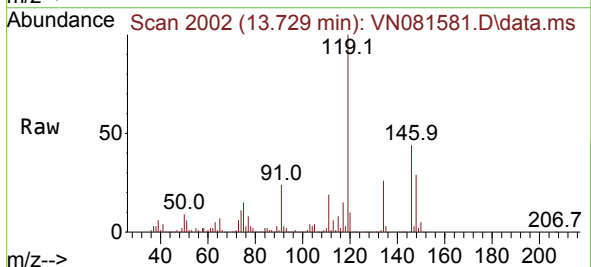
Tgt Ion:119 Resp: 1160375

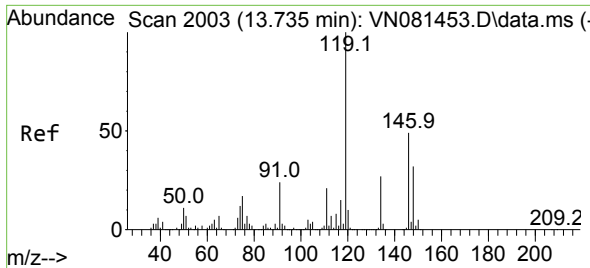
Ion Ratio Lower Upper

119 100

134 26.8 12.4 37.2

91 23.7 13.5 40.4

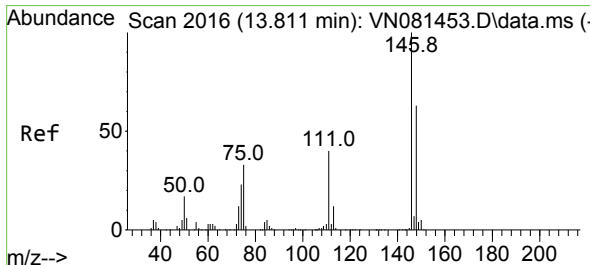
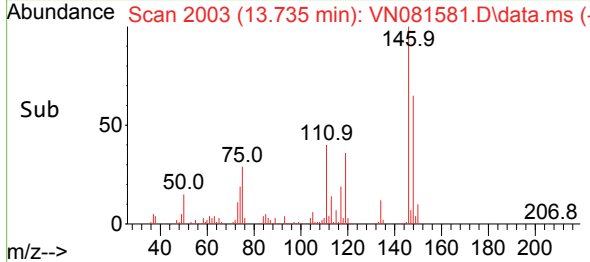
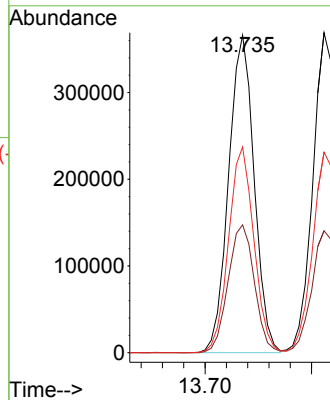
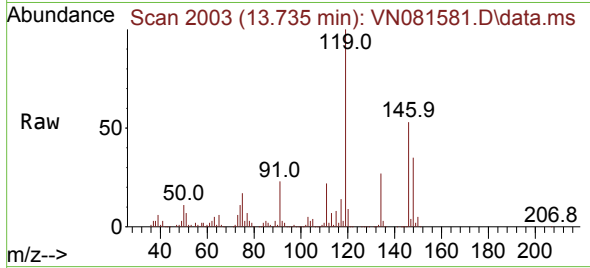




#87
1,3-Dichlorobenzene
Concen: 58.902 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

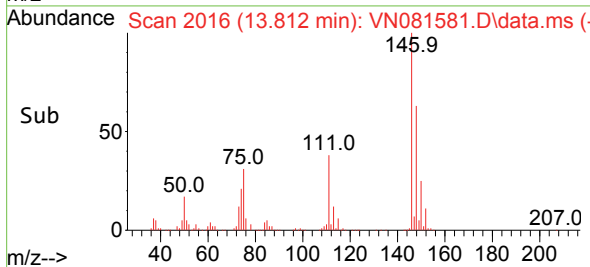
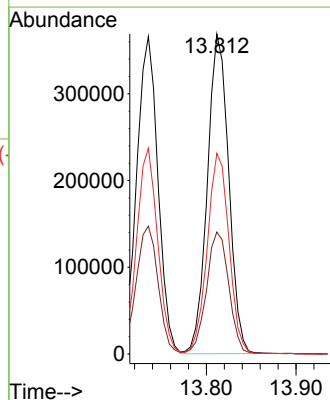
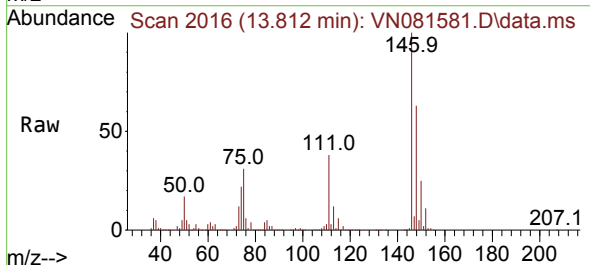
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

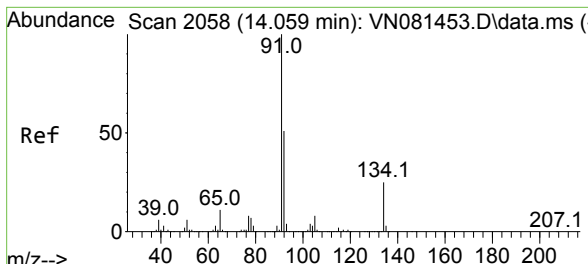
Tgt Ion:146 Resp: 610532
Ion Ratio Lower Upper
146 100
111 41.3 23.9 71.7
148 64.2 32.6 97.7



#88
1,4-Dichlorobenzene
Concen: 56.788 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

Tgt Ion:146 Resp: 609495
Ion Ratio Lower Upper
146 100
111 39.6 22.6 67.7
148 63.9 31.9 95.5

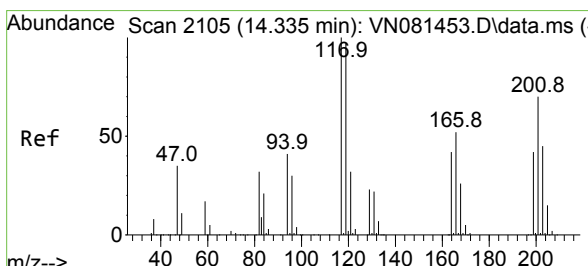
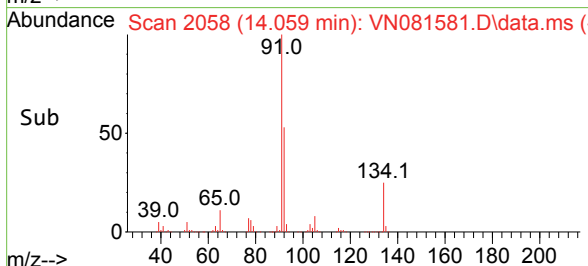
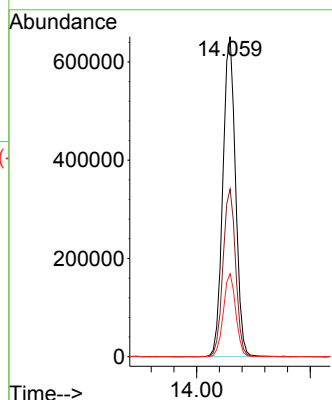
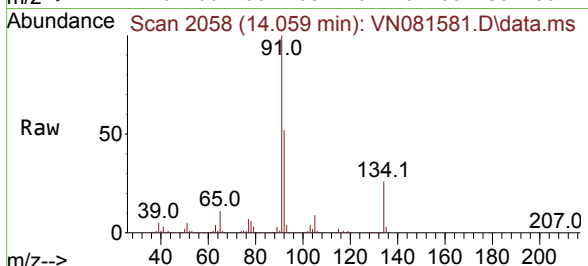




#89
n-Butylbenzene
Concen: 60.084 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

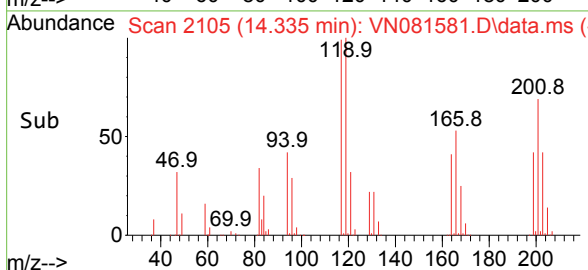
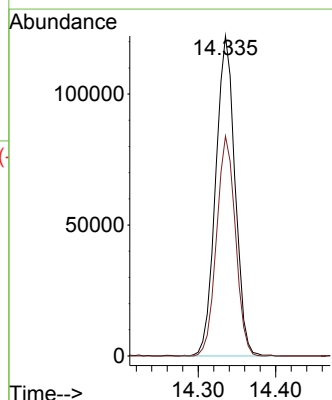
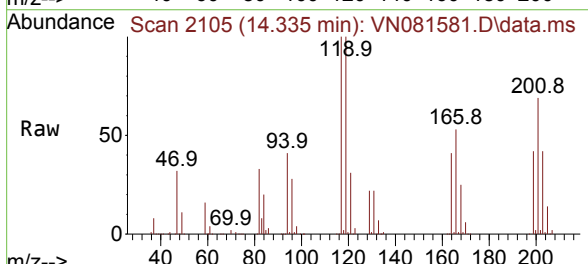
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

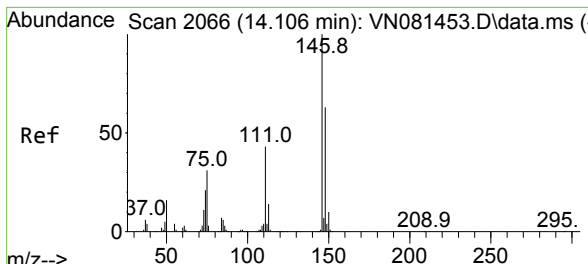
Tgt Ion: 91 Resp: 1012721
Ion Ratio Lower Upper
91 100
92 52.3 26.7 80.1
134 25.4 10.8 32.4



#90
Hexachloroethane
Concen: 58.813 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN081581.D
Acq: 27 Mar 2024 12:43

Tgt Ion:117 Resp: 211719
Ion Ratio Lower Upper
117 100
201 67.0 30.0 90.0

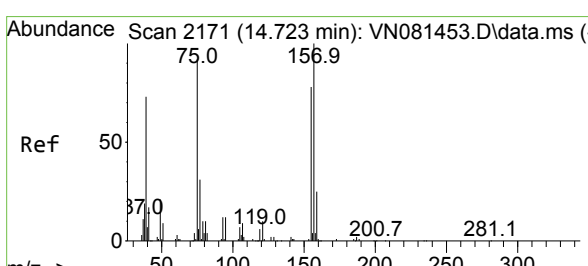
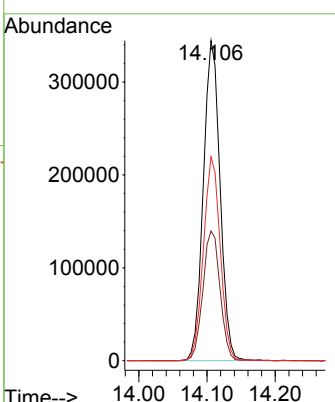
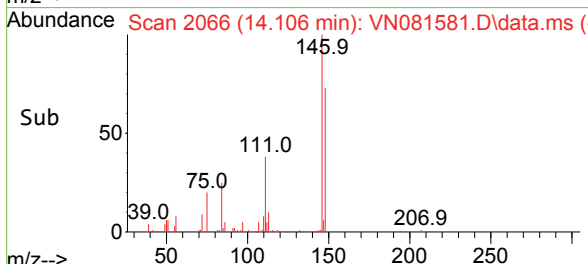
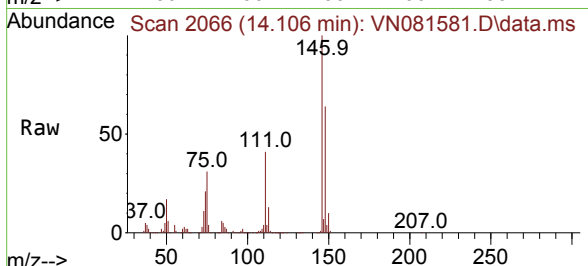




#91
 1,2-Dichlorobenzene
 Concen: 58.998 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: VN081581.D
 Acq: 27 Mar 2024 12:43

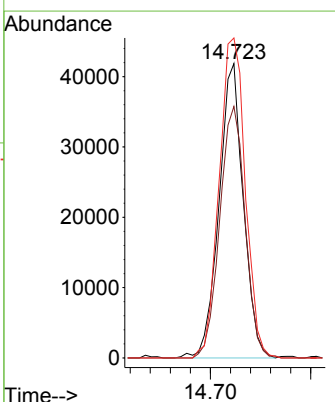
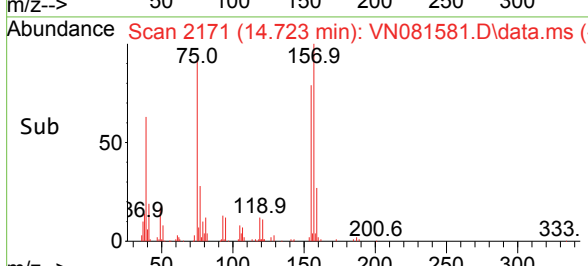
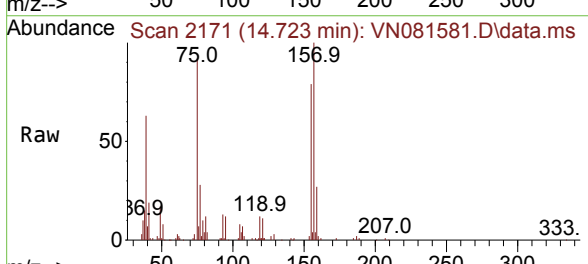
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

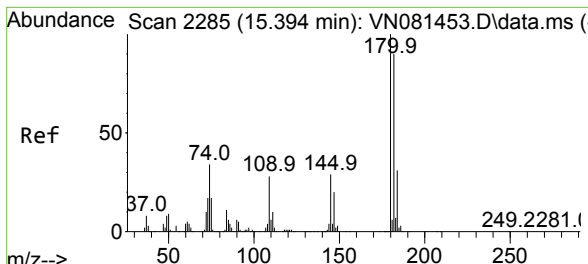
Tgt Ion:	146	Resp:	588593
Ion Ratio	Lower	Upper	
146	100		
111	41.6	23.9	71.8
148	64.0	31.4	94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.244 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN081581.D
 Acq: 27 Mar 2024 12:43

Tgt Ion:	75	Resp:	70370
Ion Ratio	Lower	Upper	
75	100		
155	88.6	31.8	95.4
157	116.7	41.1	123.4

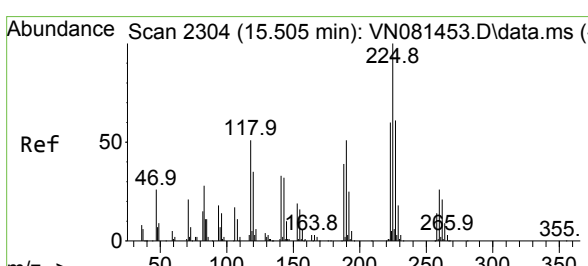
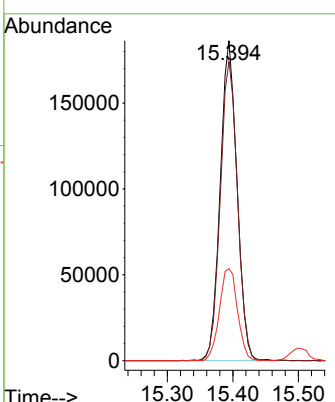
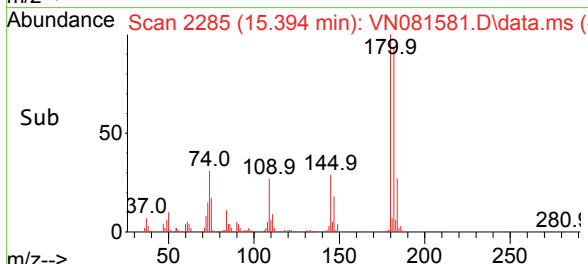
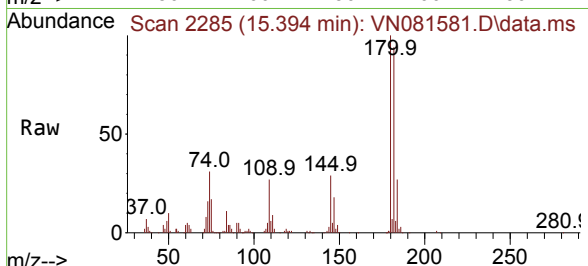




#93
 1,2,4-Trichlorobenzene
 Concen: 57.261 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN081581.D
 Acq: 27 Mar 2024 12:43

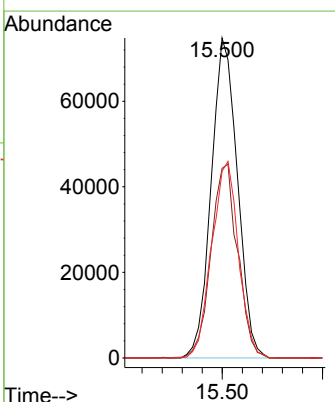
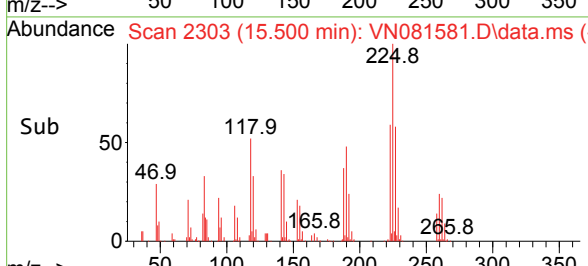
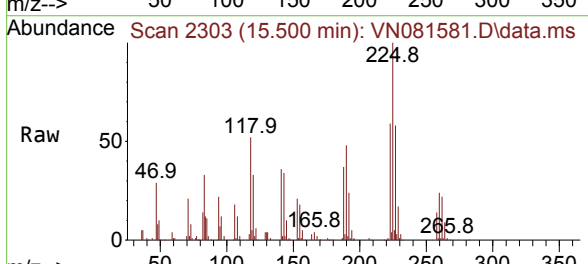
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

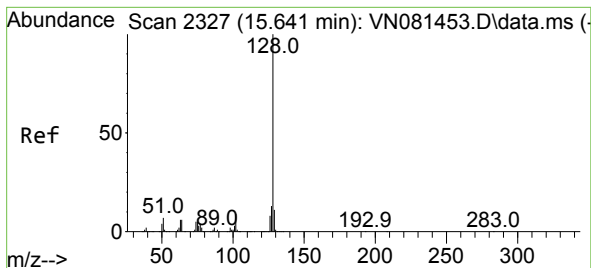
Tgt Ion:	180	Resp:	330313
Ion Ratio	Lower	Upper	
180	100		
182	95.9	46.6	139.7
145	31.1	16.8	50.3



#94
 Hexachlorobutadiene
 Concen: 53.560 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.006 min
 Lab File: VN081581.D
 Acq: 27 Mar 2024 12:43

Tgt Ion:	225	Resp:	135560
Ion Ratio	Lower	Upper	
225	100		
223	61.5	33.3	99.8
227	62.8	33.1	99.2





#95

Naphthalene

Concen: 57.445 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081581.D

Acq: 27 Mar 2024 12:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

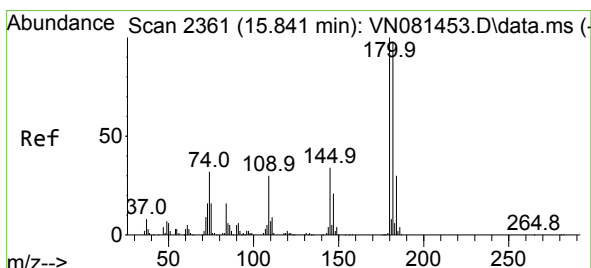
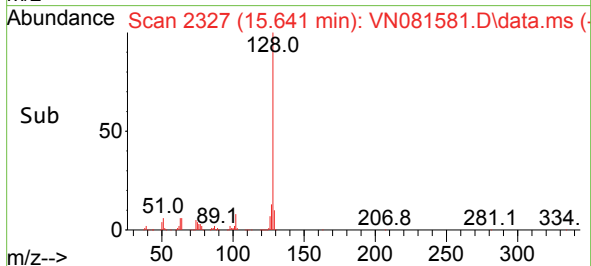
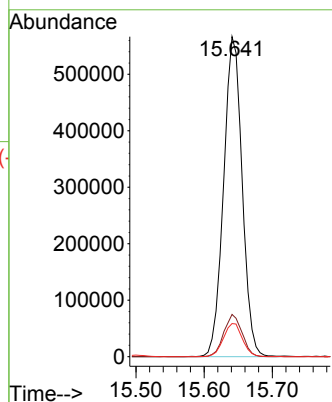
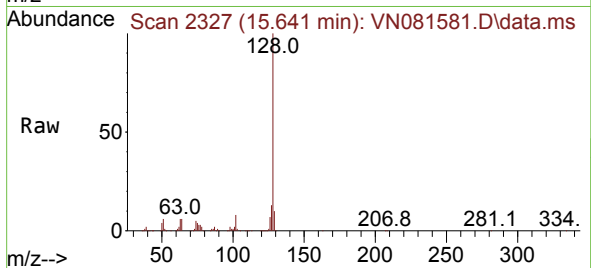
Tgt Ion:128 Resp: 1073745

Ion Ratio Lower Upper

128 100

127 13.0 10.0 15.0

129 10.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 57.600 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN081581.D

Acq: 27 Mar 2024 12:43

Tgt Ion:180 Resp: 334215

Ion Ratio Lower Upper

180 100

182 92.4 46.5 139.3

145 33.6 17.8 53.4

