

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040824\
 Data File : VN081676.D
 Acq On : 08 Apr 2024 16:13
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Apr 09 01:56:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	368550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	654526	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	591697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	288067	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	218322	46.452	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.900%
35) Dibromofluoromethane	8.165	113	200895	48.634	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.260%
50) Toluene-d8	10.565	98	703166	47.091	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.180%
62) 4-Bromofluorobenzene	12.847	95	269535	51.228	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	102.460%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	263125	53.022	ug/l	98
3) Chloromethane	2.360	50	248533	50.301	ug/l	96
4) Vinyl Chloride	2.512	62	253682	45.749	ug/l	96
5) Bromomethane	2.948	94	176746	45.071	ug/l	87
6) Chloroethane	3.118	64	177729	46.682	ug/l	100
7) Trichlorofluoromethane	3.501	101	458177	55.442	ug/l	92
8) Diethyl Ether	3.959	74	147131	53.797	ug/l	72
9) 1,1,2-Trichlorotrifluo...	4.371	101	261377	55.664	ug/l	90
10) Methyl Iodide	4.589	142	303077	64.813	ug/l	99
11) Tert butyl alcohol	5.512	59	204795	250.037	ug/l	100
12) 1,1-Dichloroethene	4.342	96	242629	55.783	ug/l	84
13) Acrolein	4.177	56	153132	208.354	ug/l	99
14) Allyl chloride	5.024	41	295758	54.266	ug/l #	87
15) Acrylonitrile	5.712	53	499152	227.800	ug/l	97
16) Acetone	4.424	43	334852	220.453	ug/l	100
17) Carbon Disulfide	4.712	76	669274	53.621	ug/l	96
18) Methyl Acetate	5.018	43	196933	42.054	ug/l #	86
19) Methyl tert-butyl Ether	5.795	73	749446	55.057	ug/l	95
20) Methylene Chloride	5.277	84	272405	54.749	ug/l #	82
21) trans-1,2-Dichloroethene	5.783	96	260804	53.778	ug/l	87
22) Diisopropyl ether	6.671	45	696139	54.971	ug/l #	89
23) Vinyl Acetate	6.600	43	2696435	267.504	ug/l #	88
24) 1,1-Dichloroethane	6.565	63	447102	52.713	ug/l #	93
25) 2-Butanone	7.483	43	564706	216.755	ug/l #	87
26) 2,2-Dichloropropane	7.489	77	427959	58.174	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	320660	58.439	ug/l	80
28) Bromochloromethane	7.812	49	153953	44.563	ug/l #	45
29) Tetrahydrofuran	7.836	42	398558	227.088	ug/l #	75
30) Chloroform	7.965	83	503652	55.468	ug/l	97
31) Cyclohexane	8.259	56	397231	51.938	ug/l #	68
32) 1,1,1-Trichloroethane	8.171	97	461206	55.985	ug/l #	92
36) 1,1-Dichloropropene	8.371	75	346831	49.893	ug/l	95
37) Ethyl Acetate	7.559	43	259378	43.574	ug/l #	94
38) Carbon Tetrachloride	8.365	117	419194	55.048	ug/l	97
39) Methylcyclohexane	9.600	83	450926	58.086	ug/l	84
40) Benzene	8.606	78	1089737	53.620	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	135049	42.900	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	339307	47.441	ug/l	96
43) Isopropyl Acetate	8.688	43	509201	51.606	ug/l #	94
44) Trichloroethene	9.353	130	287173	50.241	ug/l	94
45) 1,2-Dichloropropane	9.624	63	243967	49.532	ug/l	100
46) Dibromomethane	9.712	93	192269	51.402	ug/l #	88
47) Bromodichloromethane	9.888	83	398422	54.480	ug/l #	98
48) Methyl methacrylate	9.683	41	207231	45.535	ug/l #	81
49) 1,4-Dioxane	9.694	88	92221	843.206	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	1334890	221.713	ug/l	90
52) Toluene	10.630	92	722751	55.952	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	407626	51.618	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	433421	51.191	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	260294	50.071	ug/l	93
56) Ethyl methacrylate	10.877	69	385979	49.890	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	430424	50.508	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	885531	270.720	ug/l #	83
59) 2-Hexanone	11.194	43	973860	218.775	ug/l	88
60) Dibromochloromethane	11.359	129	319855	55.947	ug/l	99
61) 1,2-Dibromoethane	11.471	107	267339	50.442	ug/l	97
64) Tetrachloroethene	11.106	164	320367	56.643	ug/l	94
65) Chlorobenzene	11.894	112	793107	56.700	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	277333	53.495	ug/l	98
67) Ethyl Benzene	11.965	91	1380196	56.804	ug/l	96
68) m/p-Xylenes	12.071	106	1073929	117.900	ug/l	93
69) o-Xylene	12.400	106	514521	57.538	ug/l	92
70) Styrene	12.412	104	885745	61.415	ug/l	94
71) Bromoform	12.582	173	200980	51.590	ug/l #	94
73) Isopropylbenzene	12.694	105	1341901	54.649	ug/l	97
74) N-amyl acetate	12.494	43	427382	48.095	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	298272	41.314	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	437864	63.544	ug/l	72
77) Bromobenzene	12.982	156	319123	52.610	ug/l	66
78) n-propylbenzene	13.035	91	1571556	54.195	ug/l	94
79) 2-Chlorotoluene	13.129	91	919205	52.962	ug/l	89
80) 1,3,5-Trimethylbenzene	13.176	105	1120439	55.245	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.741	75	126006	49.416	ug/l #	90
82) 4-Chlorotoluene	13.224	91	918008	53.649	ug/l	92
83) tert-Butylbenzene	13.441	119	982621	56.184	ug/l	91
84) 1,2,4-Trimethylbenzene	13.482	105	1146176	56.229	ug/l	93
85) sec-Butylbenzene	13.618	105	1387508	55.497	ug/l	92
86) p-Isopropyltoluene	13.729	119	1189567	58.205	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	600271	53.862	ug/l	94
88) 1,4-Dichlorobenzene	13.812	146	594981	51.559	ug/l	96
89) n-Butylbenzene	14.059	91	1014275	55.968	ug/l	97
90) Hexachloroethane	14.335	117	210754	54.451	ug/l	90
91) 1,2-Dichlorobenzene	14.106	146	560134	52.219	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	63228	41.152	ug/l	69
93) 1,2,4-Trichlorobenzene	15.394	180	330610	53.305	ug/l	98
94) Hexachlorobutadiene	15.506	225	128571	47.246	ug/l	96
95) Naphthalene	15.641	128	1031867	51.344	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	327255	52.456	ug/l	99

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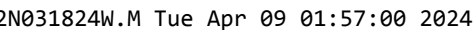
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MSVOA_N
ClientSampleId :
VSTDCCC050EC

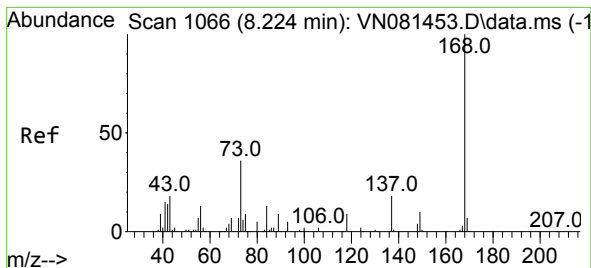
Quant Time: Apr 09 01:56:50 2024
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Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
Response via : Initial Calibration

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 10

Delta R.T. -0.000 min

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MSVOA_N

ClientSampleId :

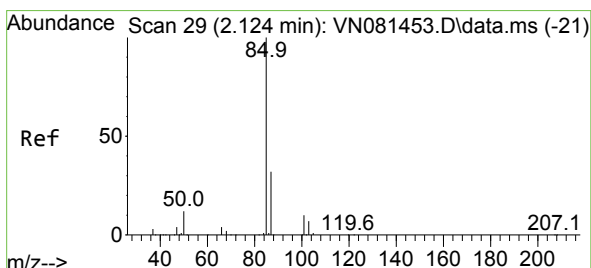
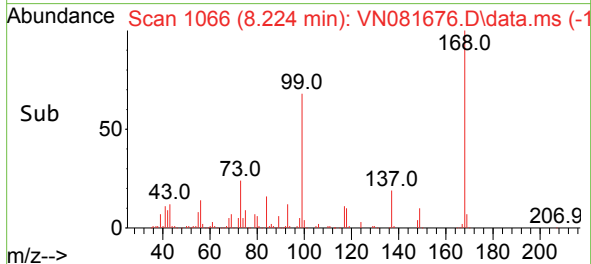
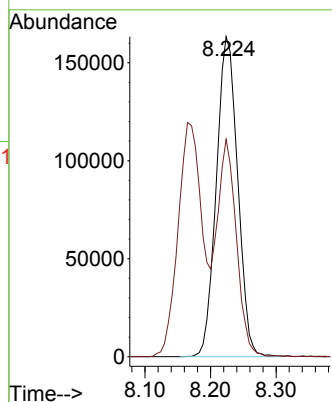
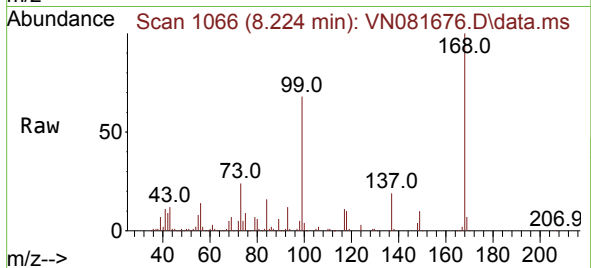
VSTDCCC050EC

Tgt Ion:168 Resp: 368550

Ion Ratio Lower Upper

168 100

99 67.7 59.9 89.9



#2

Dichlorodifluoromethane

Concen: 53.022 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN081676.D

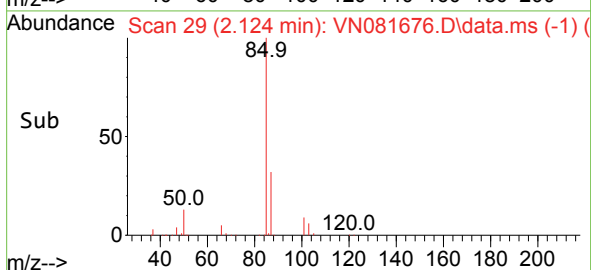
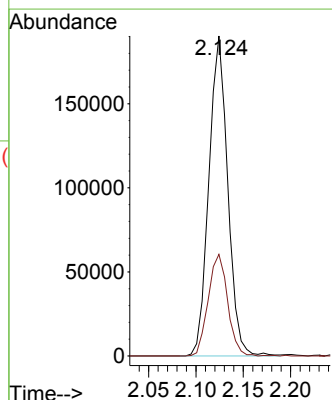
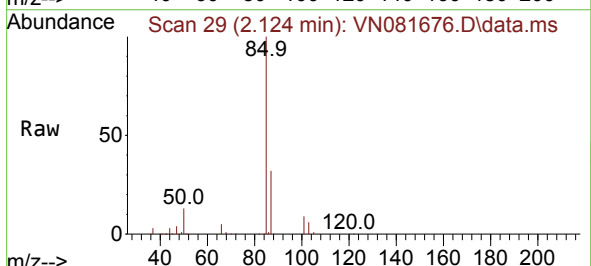
Acq: 08 Apr 2024 16:13

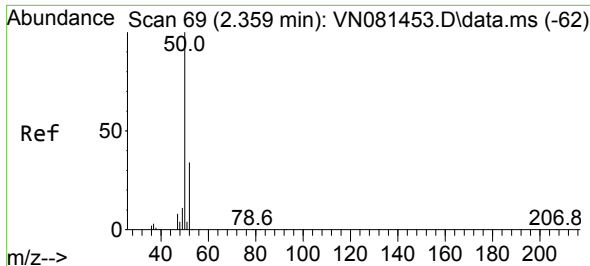
Tgt Ion: 85 Resp: 263125

Ion Ratio Lower Upper

85 100

87 31.8 15.3 45.9

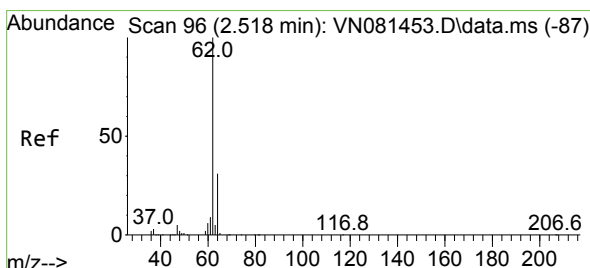
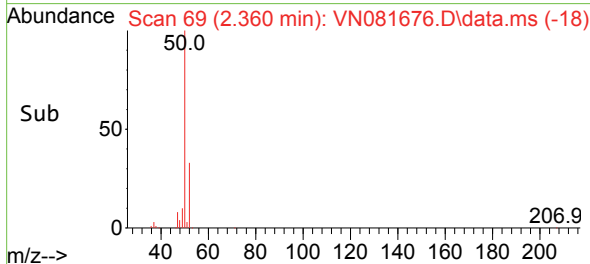
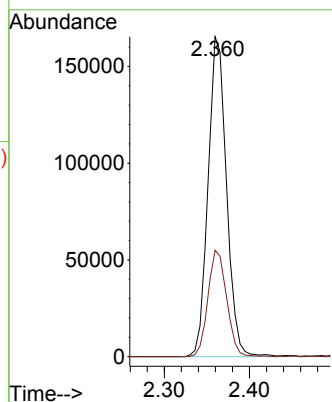
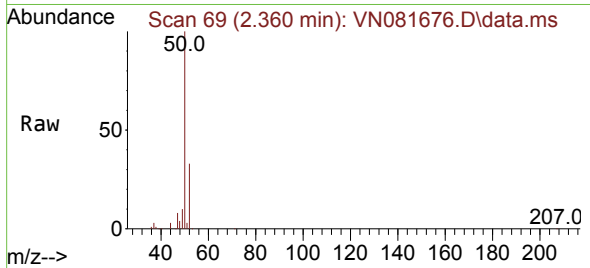




#3
Chloromethane
Concen: 50.301 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

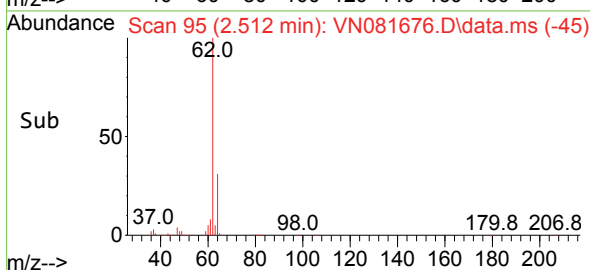
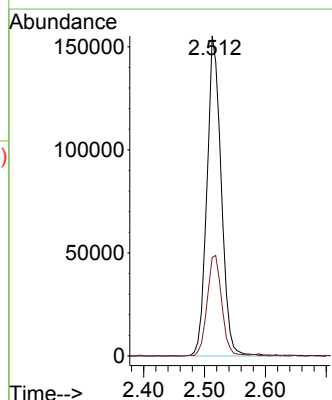
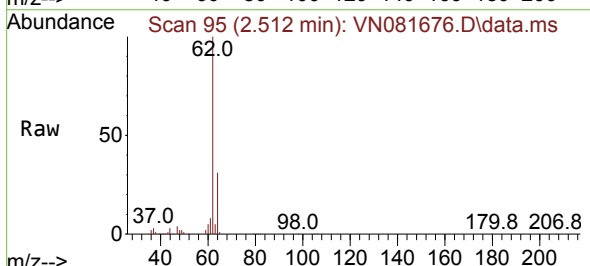
Instrument :
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ClientSampleId :
VSTDCCC050EC

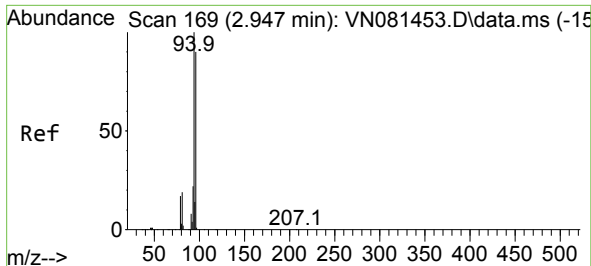
Tgt Ion: 50 Resp: 248533
Ion Ratio Lower Upper
50 100
52 33.3 25.0 37.4



#4
Vinyl Chloride
Concen: 45.749 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

Tgt Ion: 62 Resp: 253682
Ion Ratio Lower Upper
62 100
64 30.7 22.7 34.1

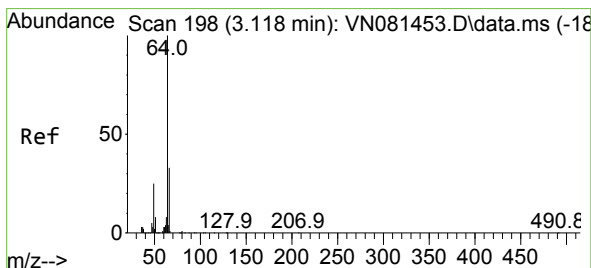
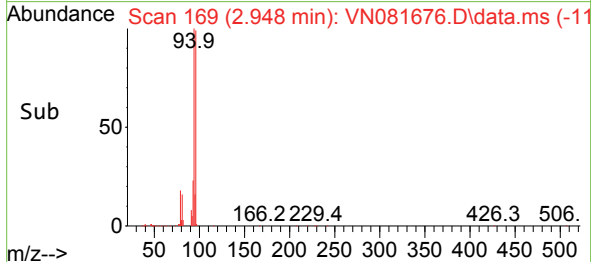
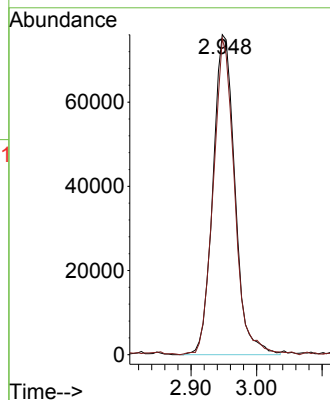
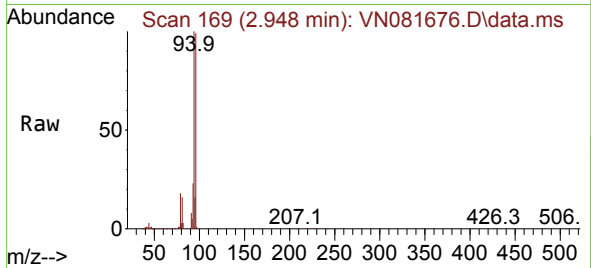




#5
Bromomethane
Concen: 45.071 ug/l
RT: 2.948 min Scan# 169
Delta R.T. 0.000 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

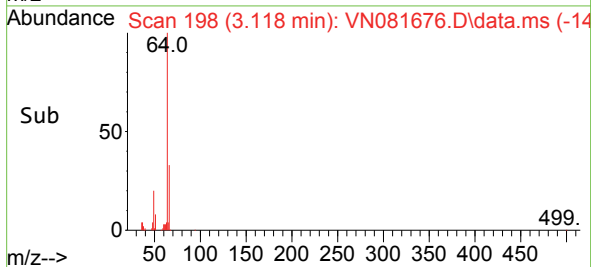
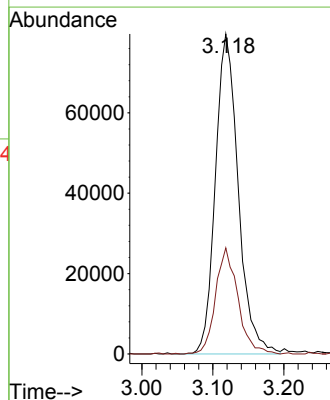
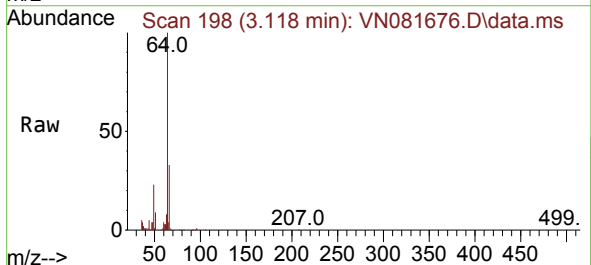
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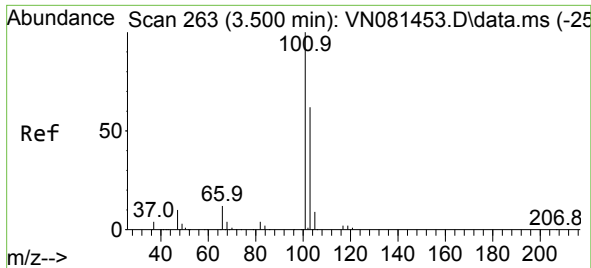
Tgt Ion: 94 Resp: 176746
Ion Ratio Lower Upper
94 100
96 98.7 69.2 103.8



#6
Chloroethane
Concen: 46.682 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

Tgt Ion: 64 Resp: 177729
Ion Ratio Lower Upper
64 100
66 33.2 26.4 39.6

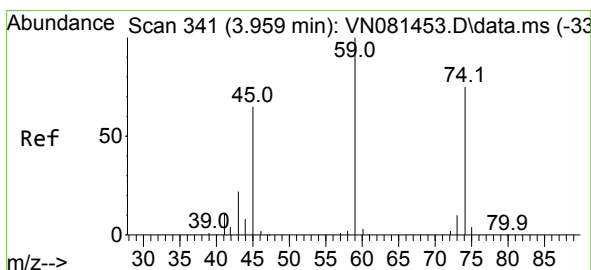
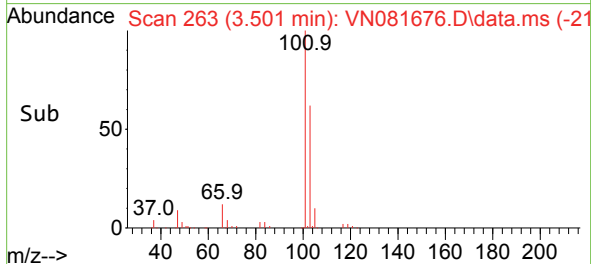
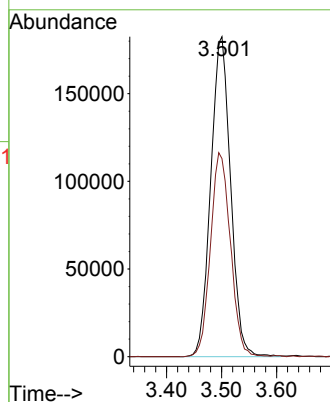
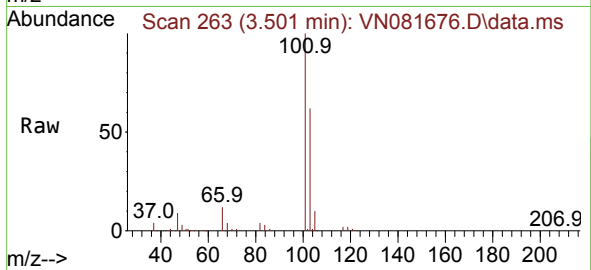




#7
 Trichlorofluoromethane
 Concen: 55.442 ug/l
 RT: 3.501 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN081676.D
 Acq: 08 Apr 2024 16:13

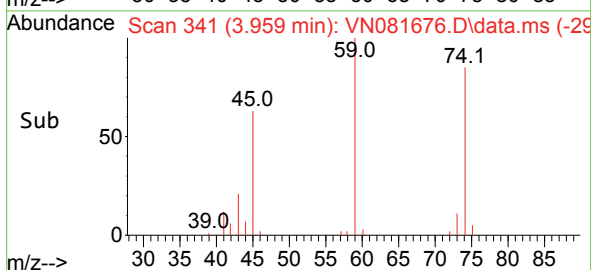
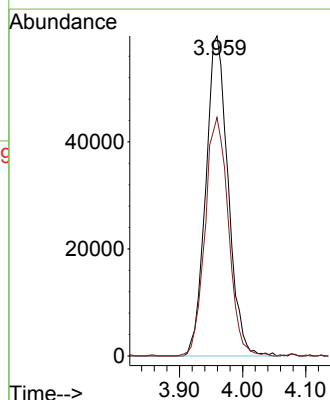
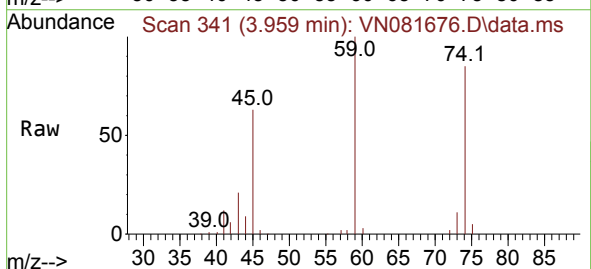
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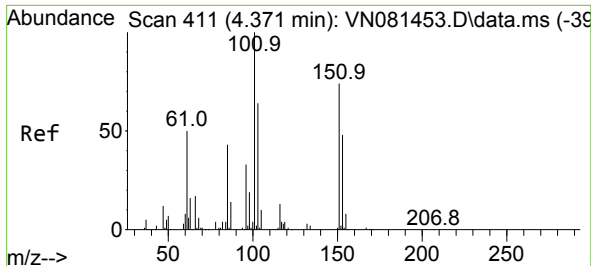
Tgt Ion:101 Resp: 458177
 Ion Ratio Lower Upper
 101 100
 103 61.9 54.4 81.6



#8
 Diethyl Ether
 Concen: 53.797 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN081676.D
 Acq: 08 Apr 2024 16:13

Tgt Ion: 74 Resp: 147131
 Ion Ratio Lower Upper
 74 100
 45 77.7 53.3 159.9

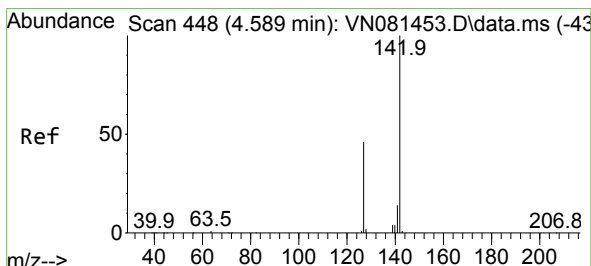
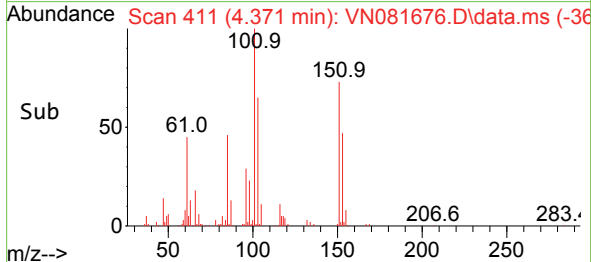
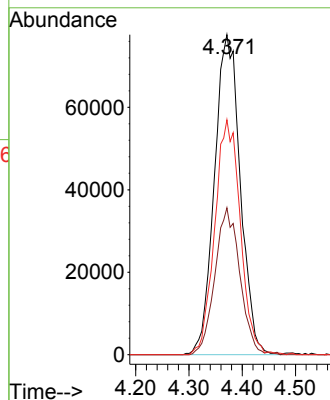
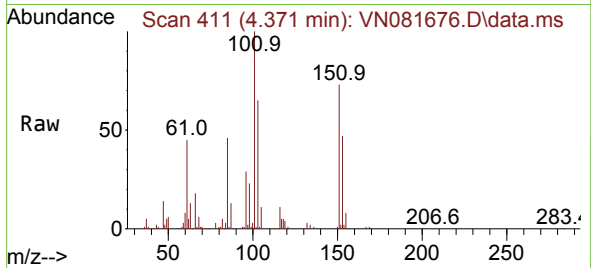




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.664 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

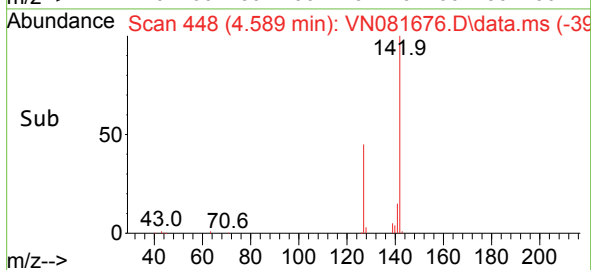
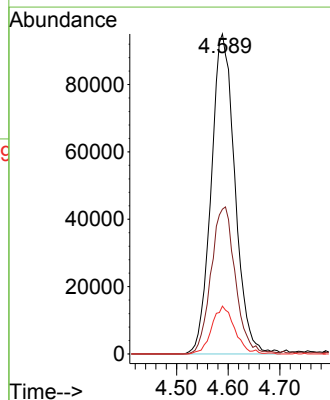
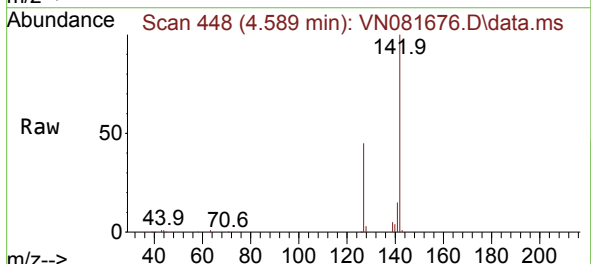
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

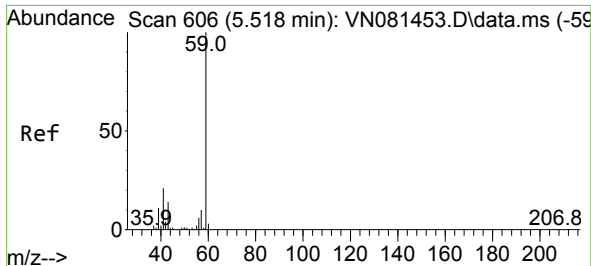
Tgt Ion:101 Resp: 261377
Ion Ratio Lower Upper
101 100
85 44.2 38.1 57.1
151 72.6 49.1 73.7



#10
Methyl Iodide
Concen: 64.813 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

Tgt Ion:142 Resp: 303077
Ion Ratio Lower Upper
142 100
127 45.3 37.0 55.4
141 15.0 12.5 18.7

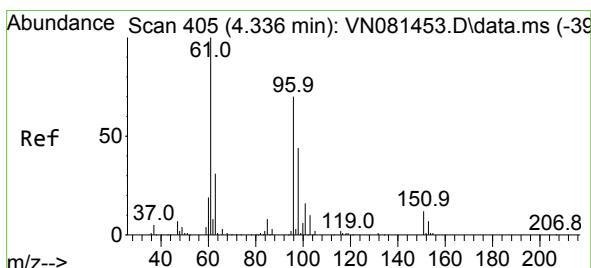
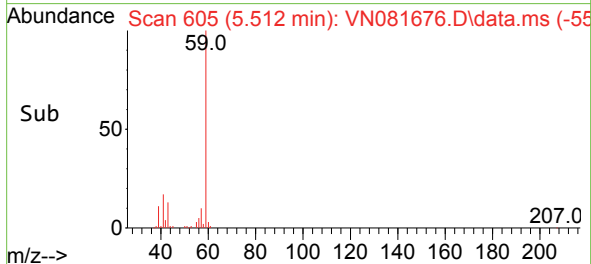
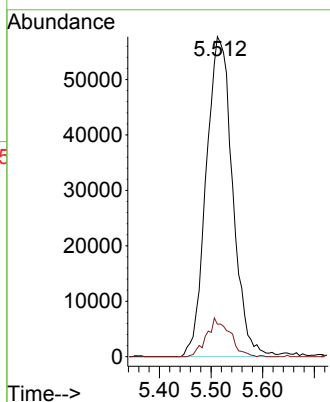
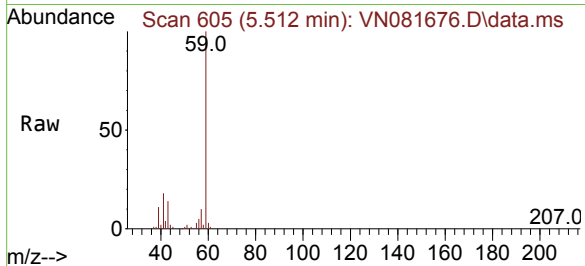




#11
Tert butyl alcohol
Concen: 250.037 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

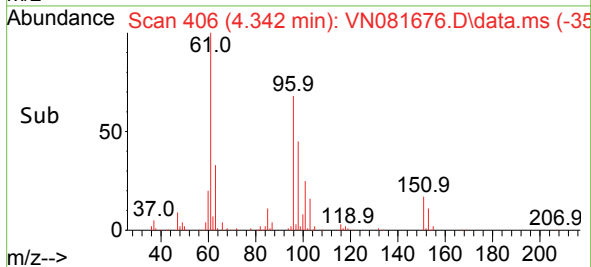
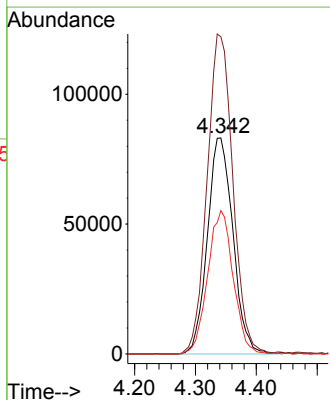
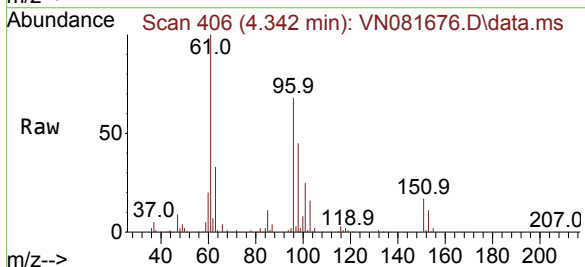
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

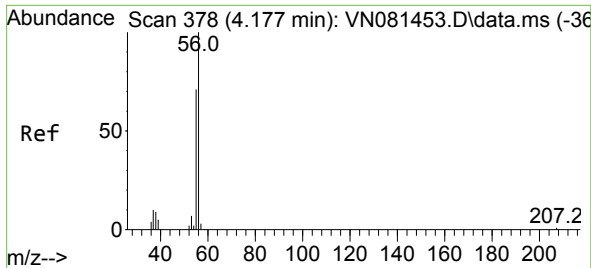
Tgt Ion: 59 Resp: 204795
Ion Ratio Lower Upper
59 100
57 10.6 8.6 12.8



#12
1,1-Dichloroethene
Concen: 55.783 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

Tgt Ion: 96 Resp: 242629
Ion Ratio Lower Upper
96 100
61 146.8 138.2 207.4
98 66.4 49.2 73.8

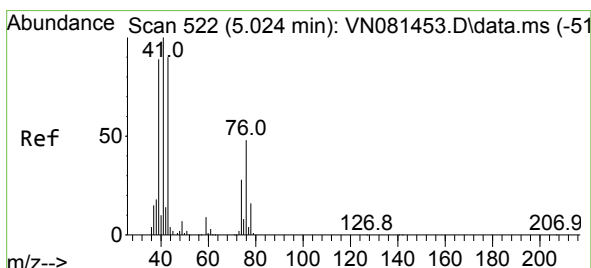
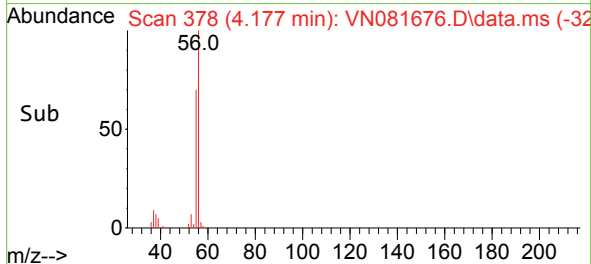
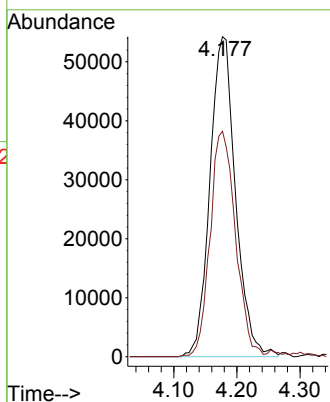
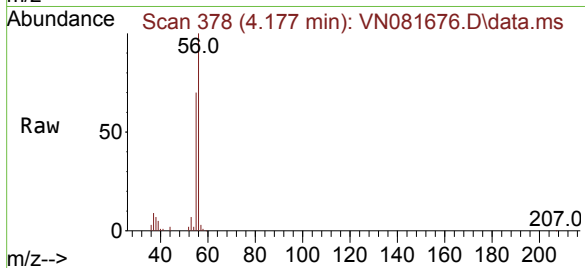




#13
Acrolein
Concen: 208.354 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

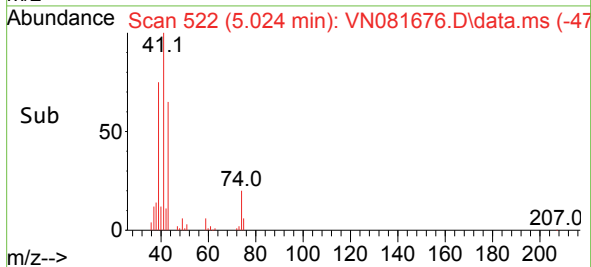
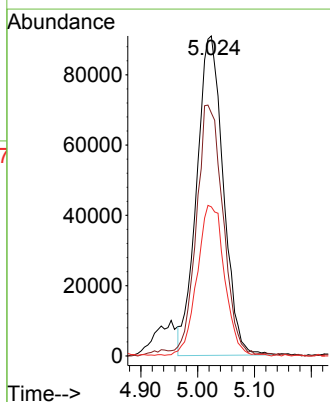
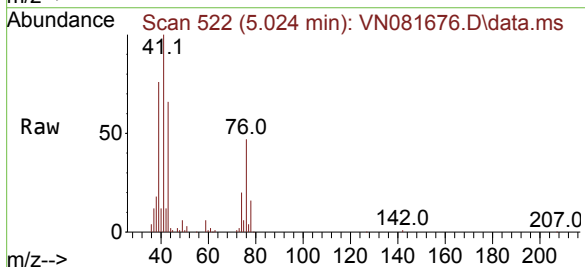
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

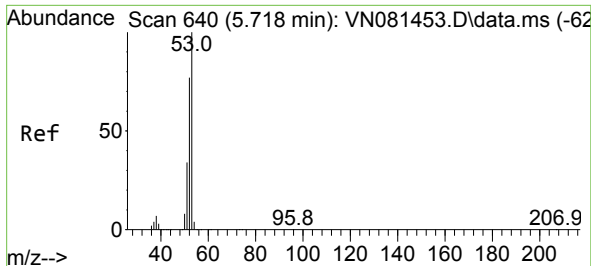
Tgt Ion: 56 Resp: 153132
Ion Ratio Lower Upper
56 100
55 69.7 55.3 82.9



#14
Allyl chloride
Concen: 54.266 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

Tgt Ion: 41 Resp: 295758
Ion Ratio Lower Upper
41 100
39 77.7 57.7 86.5
76 48.8 26.8 40.2#

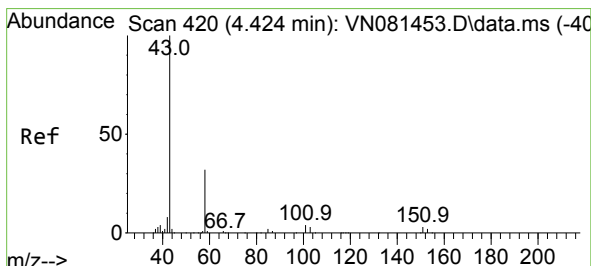
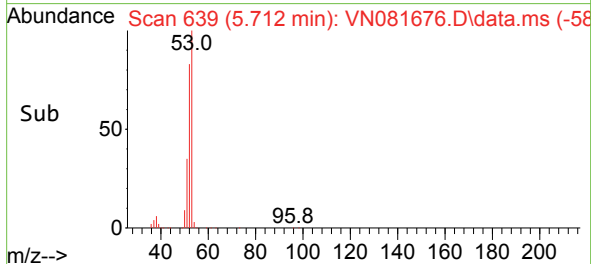
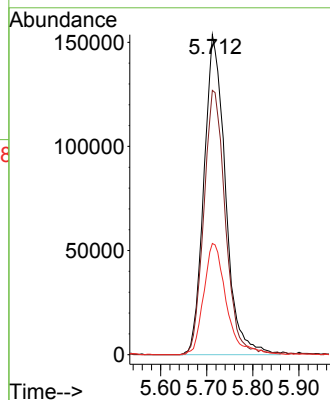
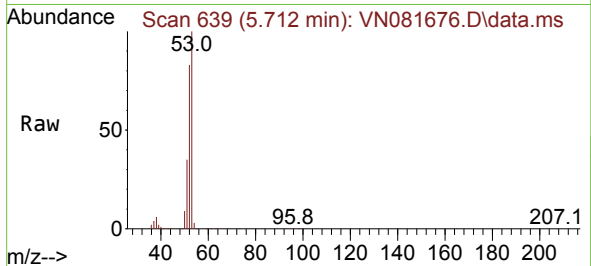




#15
Acrylonitrile
Concen: 227.800 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

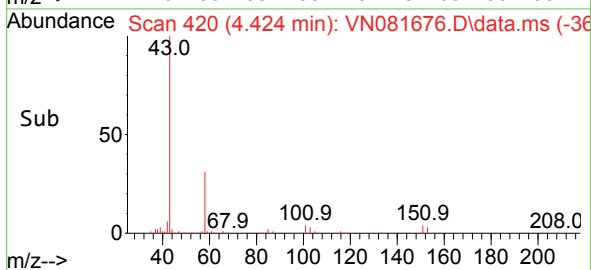
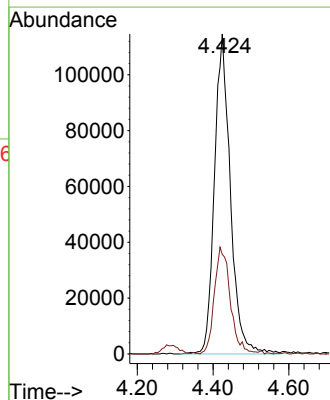
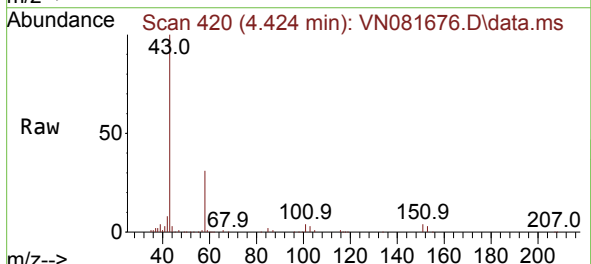
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

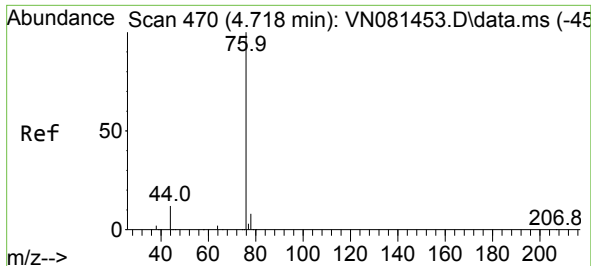
Tgt Ion: 53 Resp: 499152
Ion Ratio Lower Upper
53 100
52 82.9 64.8 97.2
51 36.7 26.9 40.3



#16
Acetone
Concen: 220.453 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

Tgt Ion: 43 Resp: 334852
Ion Ratio Lower Upper
43 100
58 30.9 24.8 37.2

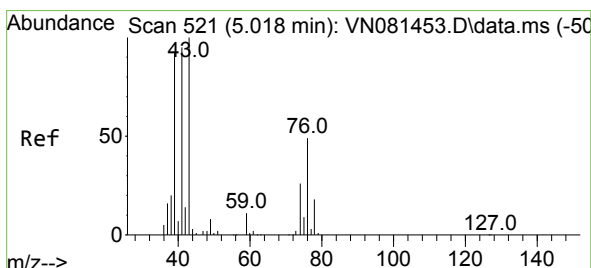
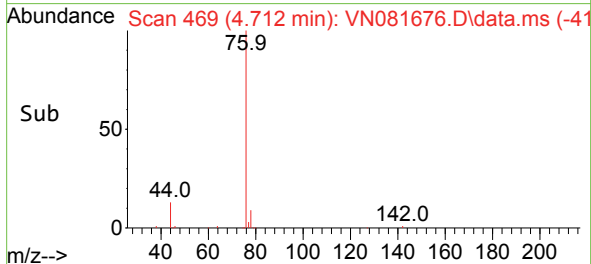
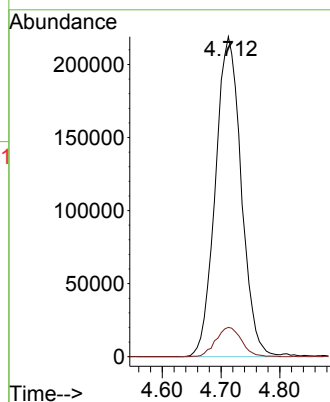
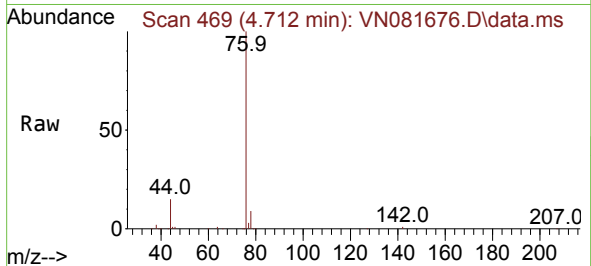




#17
Carbon Disulfide
Concen: 53.621 ug/l
RT: 4.712 min Scan# 40
Delta R.T. -0.006 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

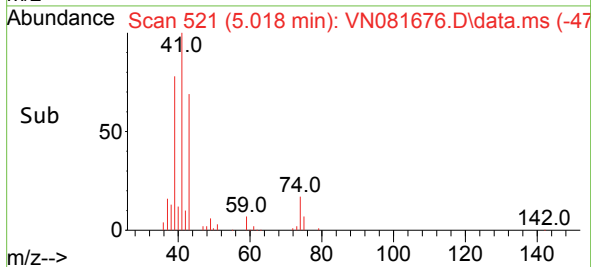
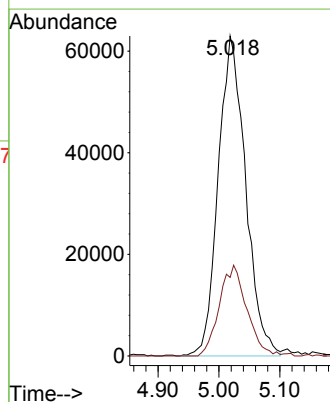
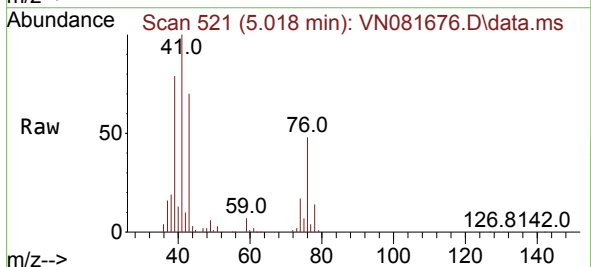
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

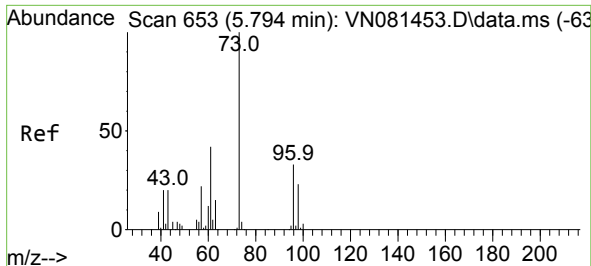
Tgt Ion: 76 Resp: 669274
Ion Ratio Lower Upper
76 100
78 9.1 6.3 9.5



#18
Methyl Acetate
Concen: 42.054 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

Tgt Ion: 43 Resp: 196933
Ion Ratio Lower Upper
43 100
74 28.4 17.3 25.9#

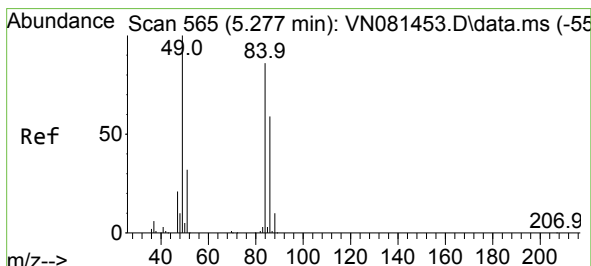
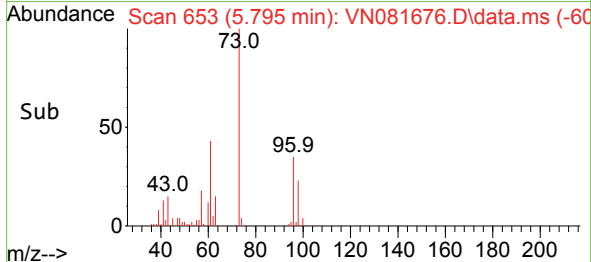
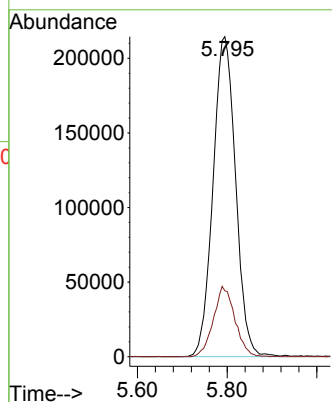
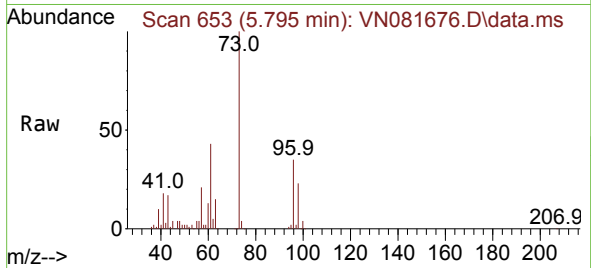




#19
Methyl tert-butyl Ether
Concen: 55.057 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

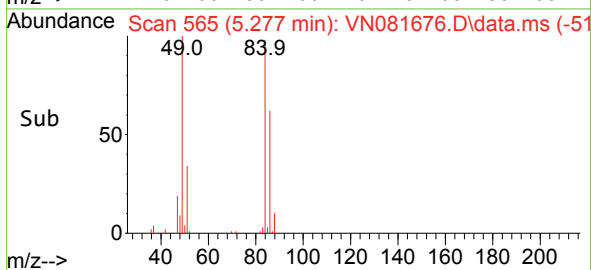
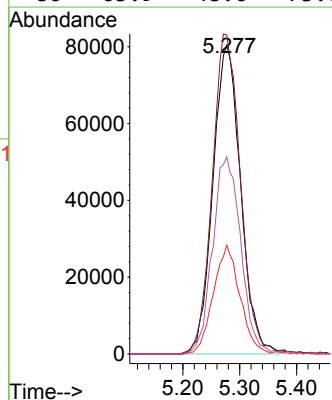
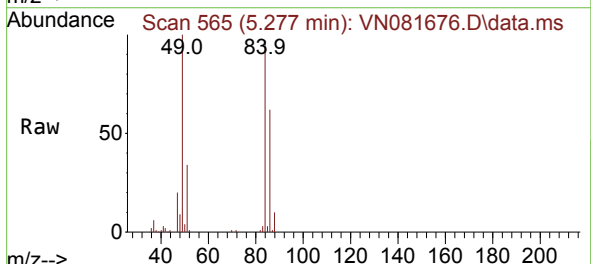
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

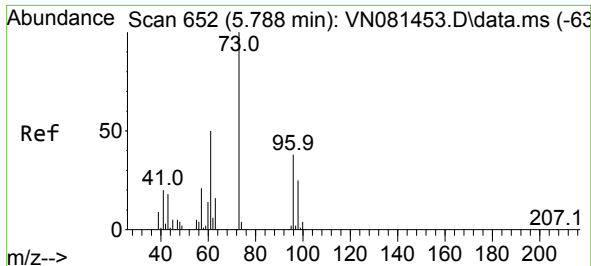
Tgt Ion: 73 Resp: 749446
Ion Ratio Lower Upper
73 100
57 20.6 18.2 27.4



#20
Methylene Chloride
Concen: 54.749 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

Tgt Ion: 84 Resp: 272405
Ion Ratio Lower Upper
84 100
49 103.4 108.1 162.1#
51 35.2 32.9 49.3
86 63.9 48.6 73.0

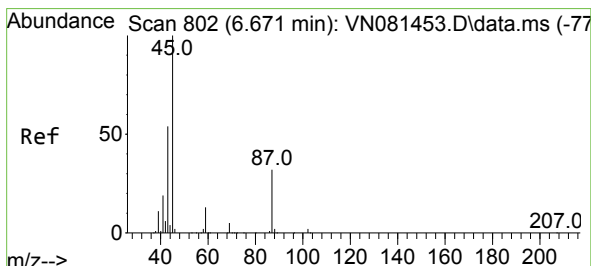
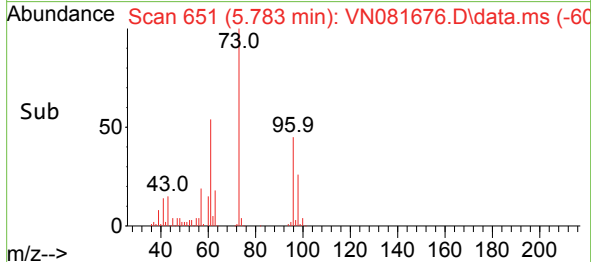
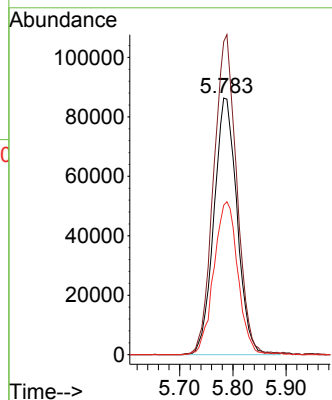
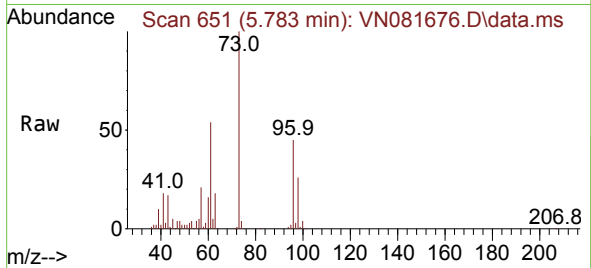




#21
trans-1,2-Dichloroethene
Concen: 53.778 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

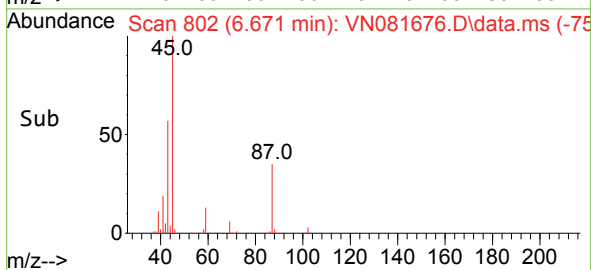
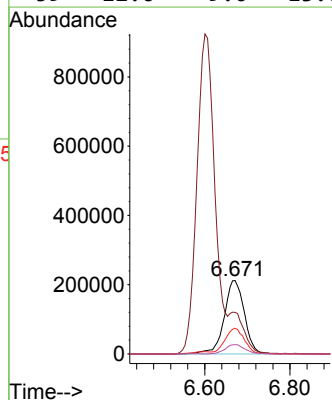
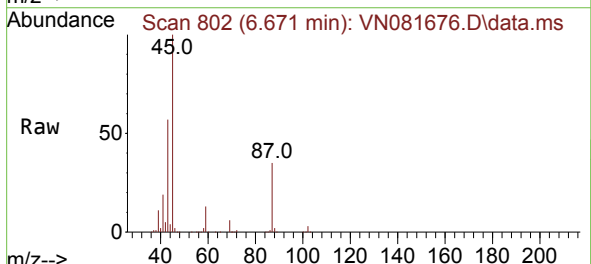
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

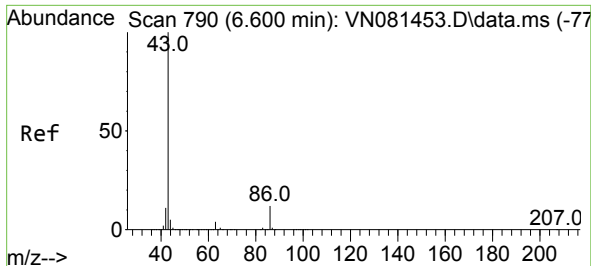
Tgt Ion: 96 Resp: 260804
Ion Ratio Lower Upper
96 100
61 122.0 112.8 169.2
98 58.2 51.0 76.4



#22
Diisopropyl ether
Concen: 54.971 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

Tgt Ion: 45 Resp: 696139
Ion Ratio Lower Upper
45 100
43 56.1 41.8 62.8
87 35.0 18.1 27.1#
59 12.6 9.0 13.6

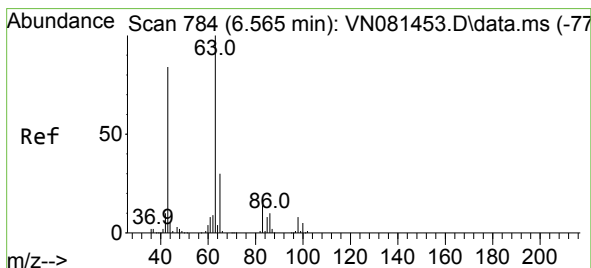
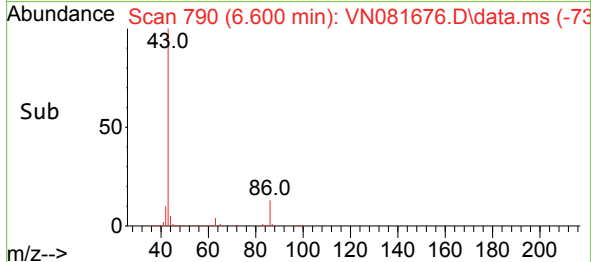
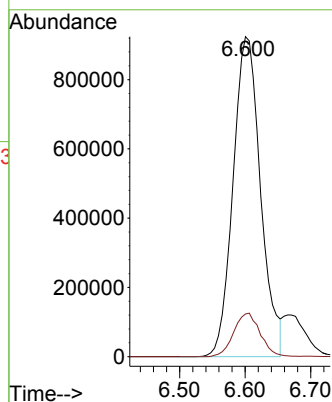
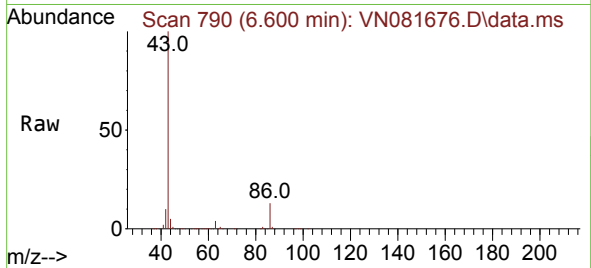




#23
 Vinyl Acetate
 Concen: 267.504 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081676.D
 Acq: 08 Apr 2024 16:13

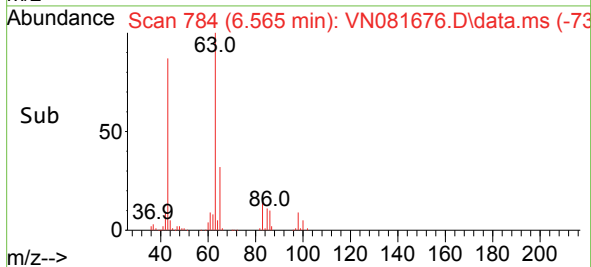
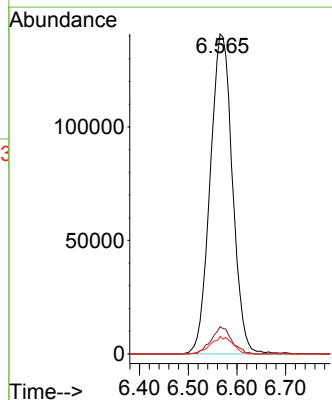
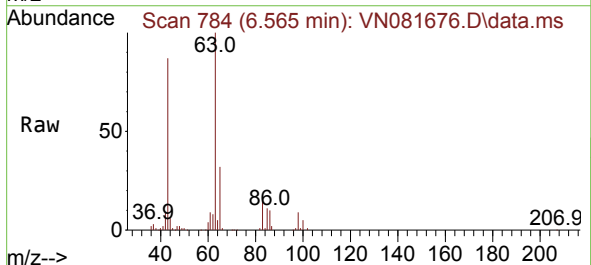
Instrument :
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 VSTDCCC050EC

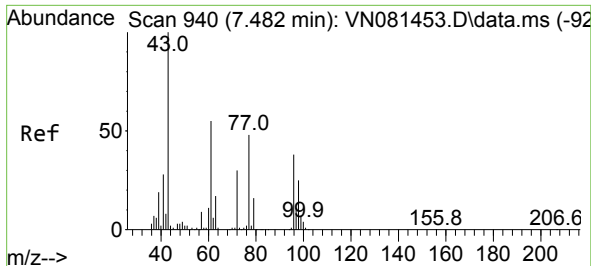
Tgt Ion: 43 Resp: 2696435
 Ion Ratio Lower Upper
 43 100
 86 13.3 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 52.713 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN081676.D
 Acq: 08 Apr 2024 16:13

Tgt Ion: 63 Resp: 447102
 Ion Ratio Lower Upper
 63 100
 98 8.6 2.9 8.6#
 100 5.5 1.9 5.7

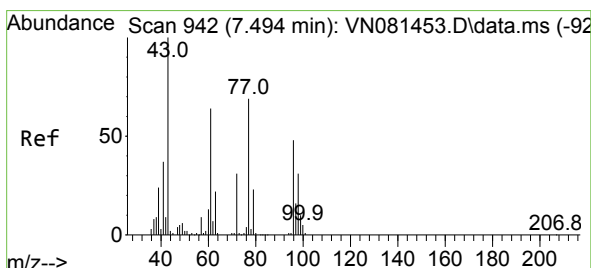
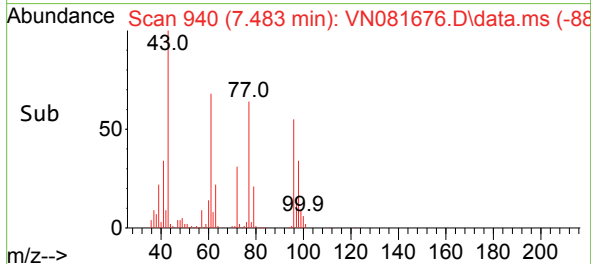
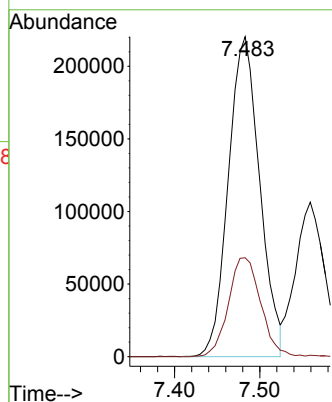
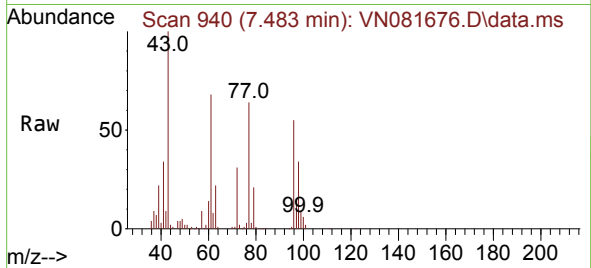




#25
2-Butanone
Concen: 216.755 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

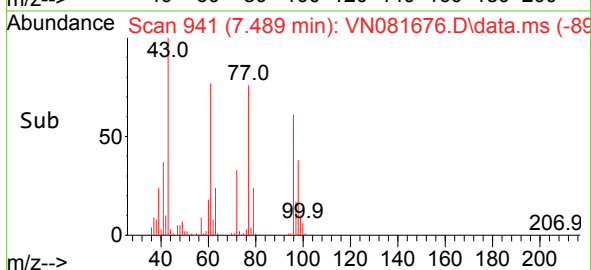
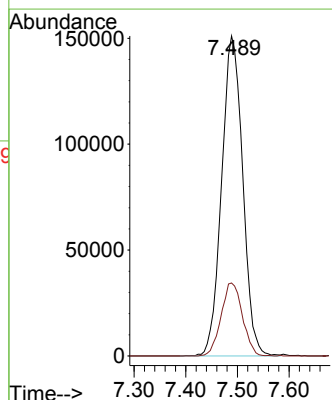
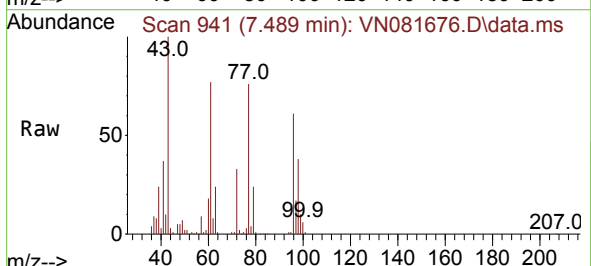
Instrument :
MSVOA_N
ClientSampleId :
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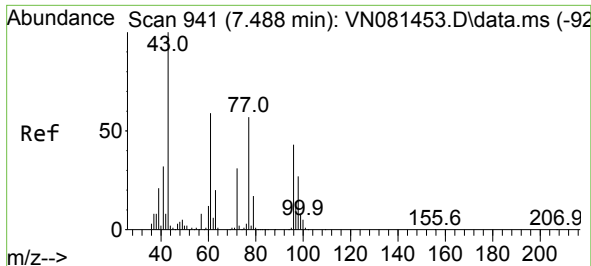
Tgt Ion: 43 Resp: 564706
Ion Ratio Lower Upper
43 100
72 30.9 19.5 29.3#



#26
2,2-Dichloropropane
Concen: 58.174 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

Tgt Ion: 77 Resp: 427959
Ion Ratio Lower Upper
77 100
97 23.1 11.5 34.5

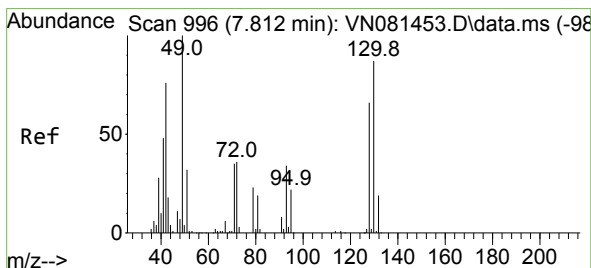
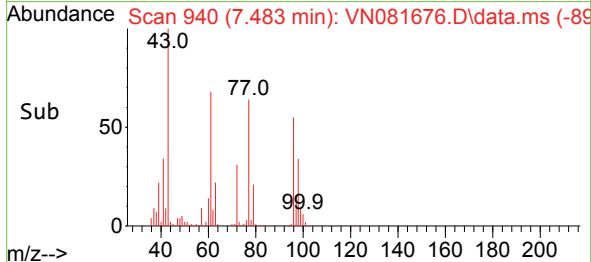
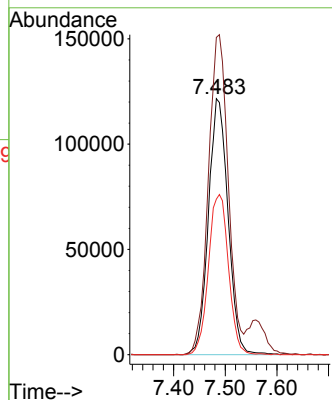
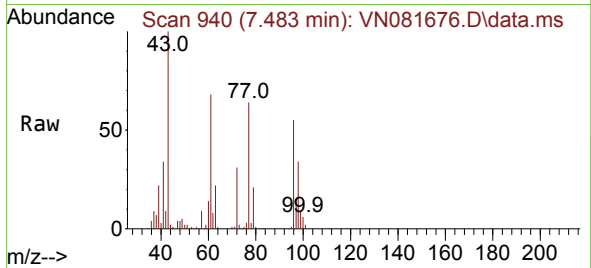




#27
 cis-1,2-Dichloroethene
 Concen: 58.439 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN081676.D
 Acq: 08 Apr 2024 16:13

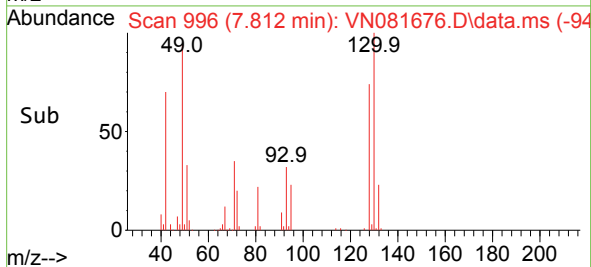
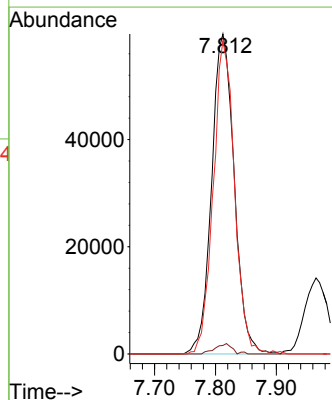
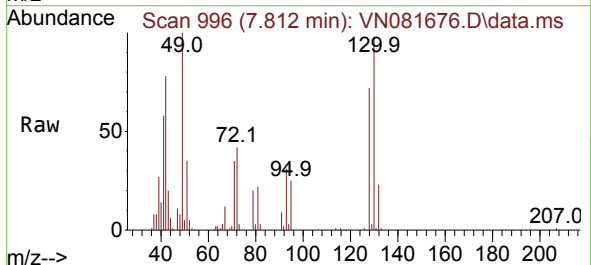
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

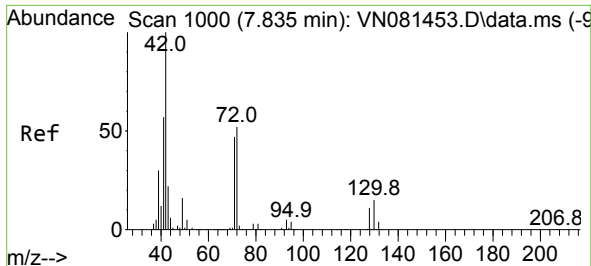
Tgt Ion: 96 Resp: 320660
 Ion Ratio Lower Upper
 96 100
 61 126.9 0.0 325.4
 98 64.0 0.0 130.4



#28
 Bromochloromethane
 Concen: 44.563 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN081676.D
 Acq: 08 Apr 2024 16:13

Tgt Ion: 49 Resp: 153953
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 1.6#
 130 92.1 42.3 63.5#





#29

Tetrahydrofuran

Concen: 227.088 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN081676.D

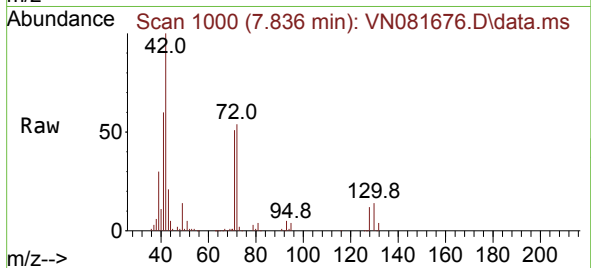
Acq: 08 Apr 2024 16:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



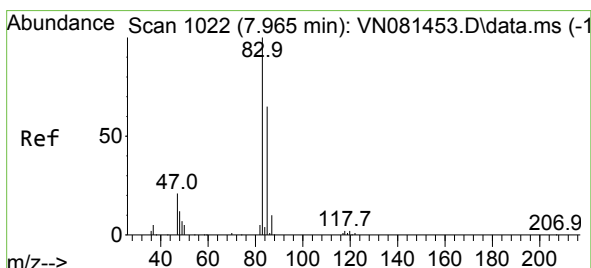
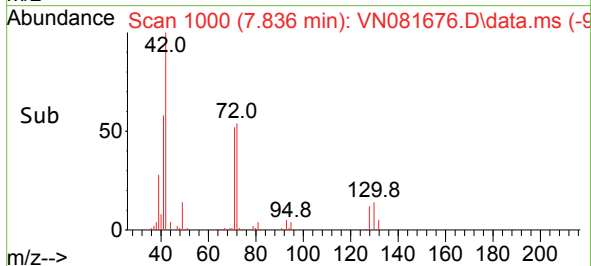
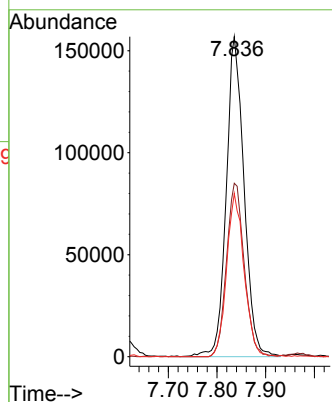
Tgt Ion: 42 Resp: 398558

Ion Ratio Lower Upper

42 100

72 54.1 31.1 46.7#

71 50.0 28.3 42.5#



#30

Chloroform

Concen: 55.468 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN081676.D

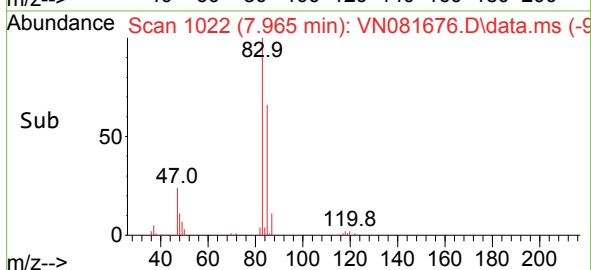
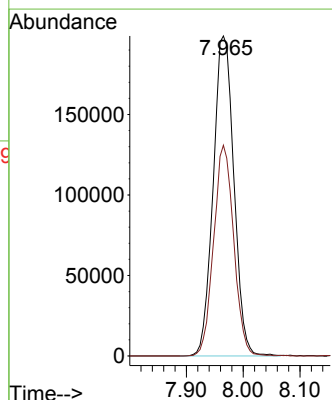
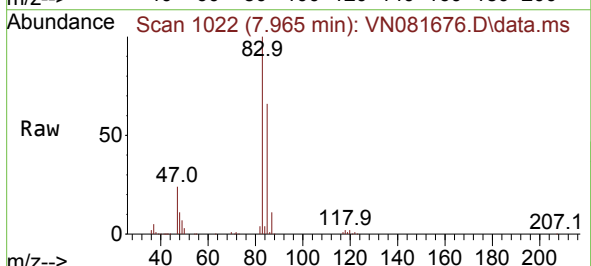
Acq: 08 Apr 2024 16:13

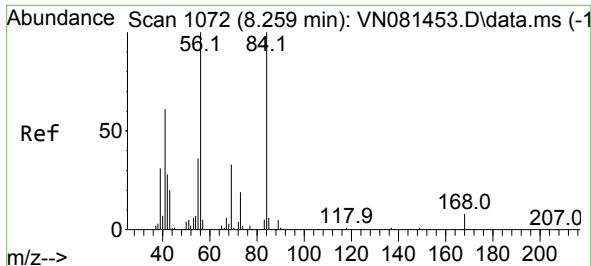
Tgt Ion: 83 Resp: 503652

Ion Ratio Lower Upper

83 100

85 65.9 51.0 76.6

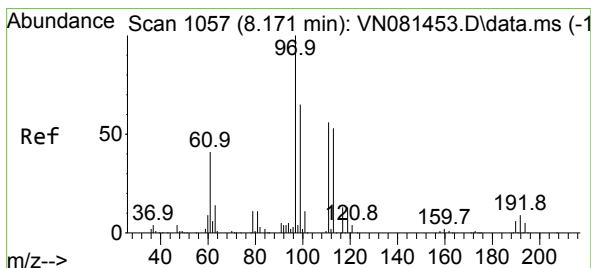
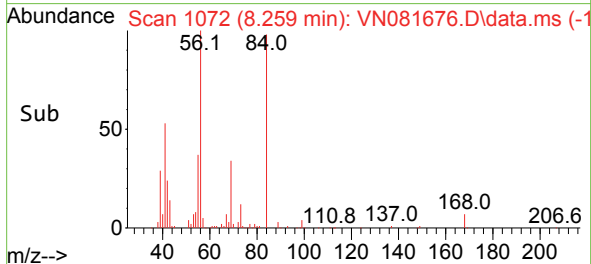
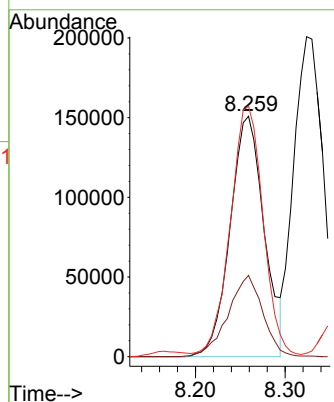
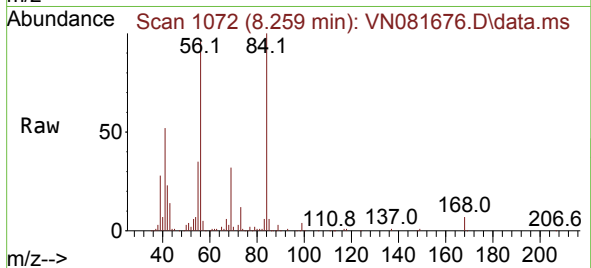




#31
Cyclohexane
Concen: 51.938 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

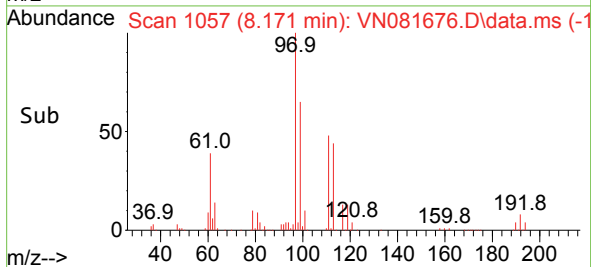
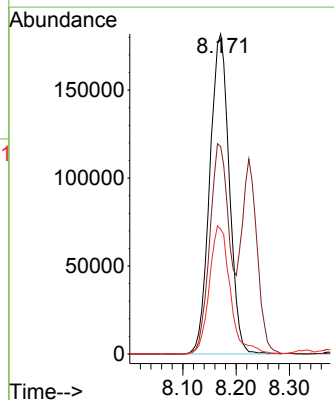
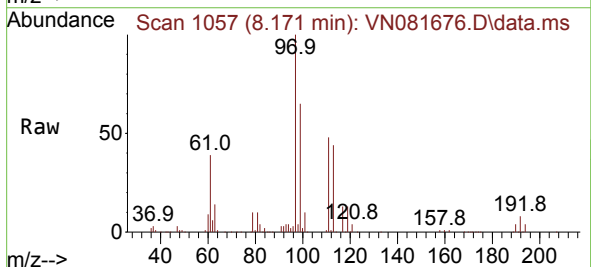
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

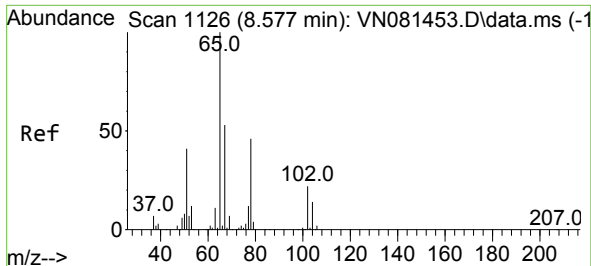
Tgt Ion: 56 Resp: 397231
Ion Ratio Lower Upper
56 100
69 33.8 20.1 30.1#
84 102.4 56.9 85.3#



#32
1,1,1-Trichloroethane
Concen: 55.985 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

Tgt Ion: 97 Resp: 461206
Ion Ratio Lower Upper
97 100
99 67.1 53.4 80.0
61 43.1 43.8 65.8#





#33

1,2-Dichloroethane-d4

Concen: 46.452 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081676.D

Acq: 08 Apr 2024 16:13

Instrument :

MSVOA_N

ClientSampleId :

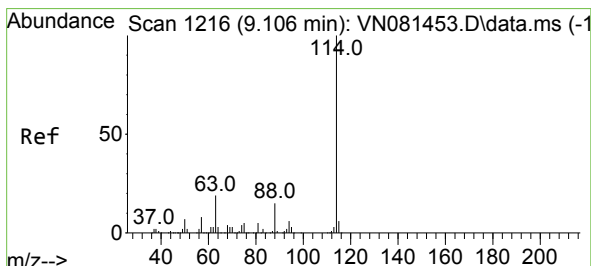
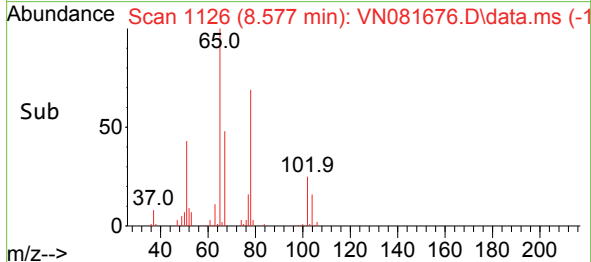
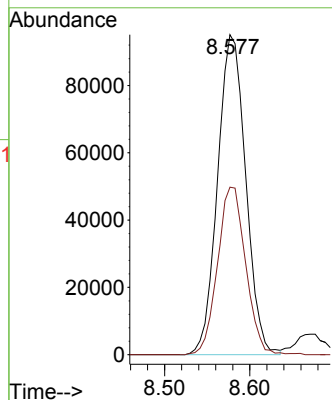
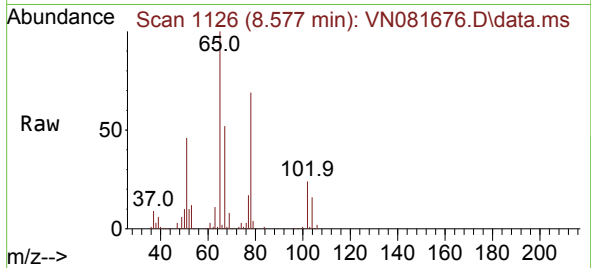
VSTDCCC050EC

Tgt Ion: 65 Resp: 218322

Ion Ratio Lower Upper

65 100

67 52.4 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: VN081676.D

Acq: 08 Apr 2024 16:13

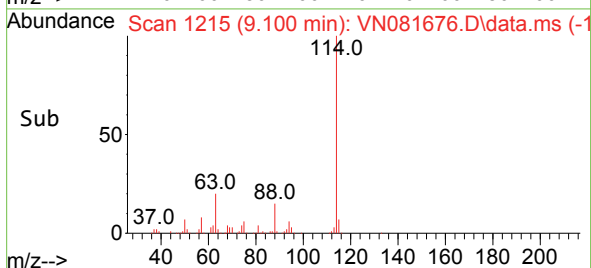
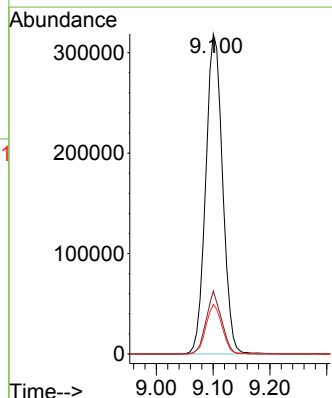
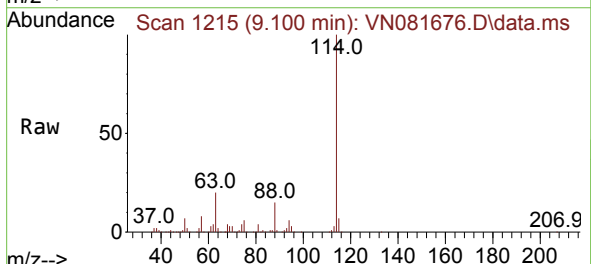
Tgt Ion: 114 Resp: 654526

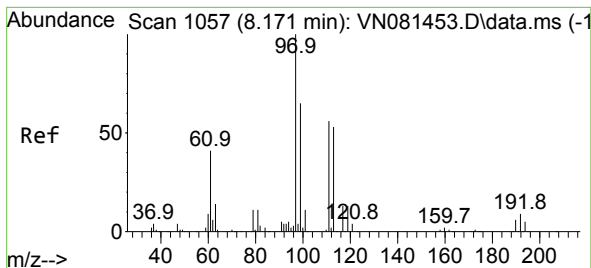
Ion Ratio Lower Upper

114 100

63 19.7 0.0 48.0

88 15.5 0.0 34.8





#35

Dibromofluoromethane

Concen: 48.634 ug/l

RT: 8.165 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN081676.D

Acq: 08 Apr 2024 16:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

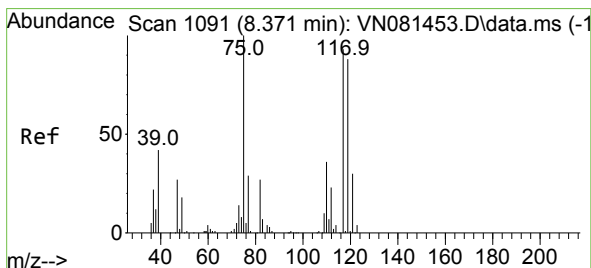
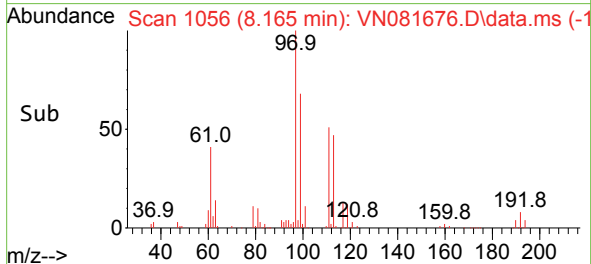
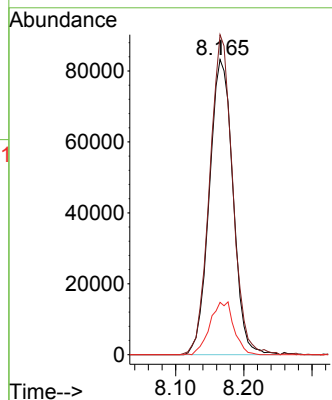
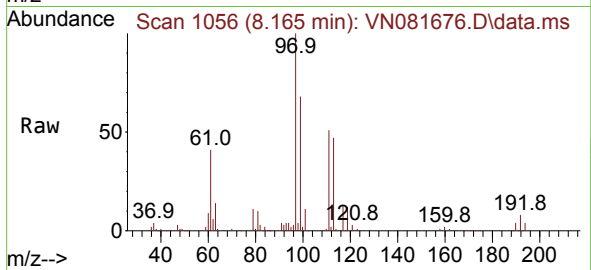
Tgt Ion:113 Resp: 200895

Ion Ratio Lower Upper

113 100

111 105.3 82.2 123.4

192 18.1 12.5 18.7



#36

1,1-Dichloropropene

Concen: 49.893 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN081676.D

Acq: 08 Apr 2024 16:13

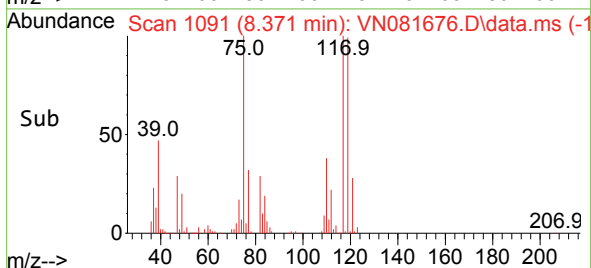
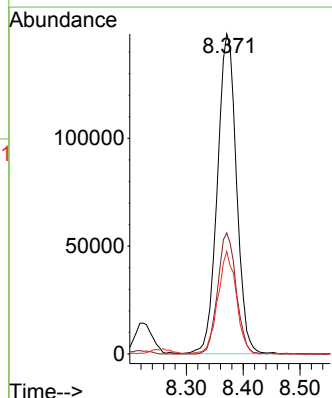
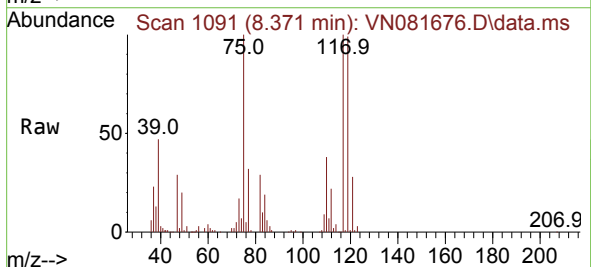
Tgt Ion: 75 Resp: 346831

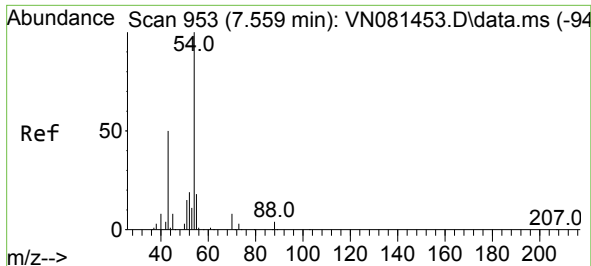
Ion Ratio Lower Upper

75 100

110 36.6 16.0 48.0

77 31.2 25.8 38.6

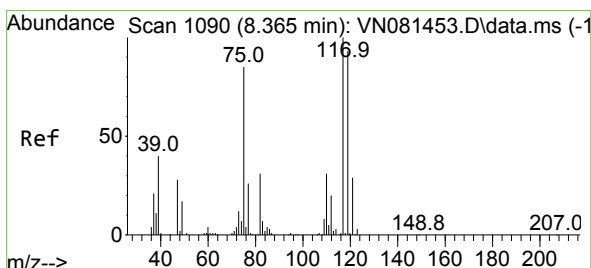
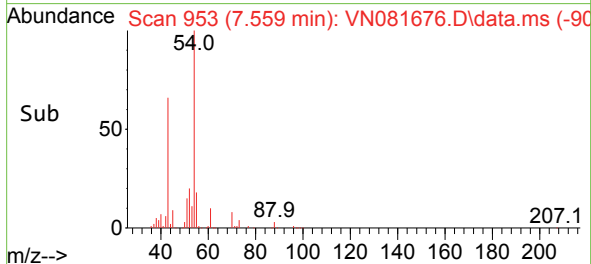
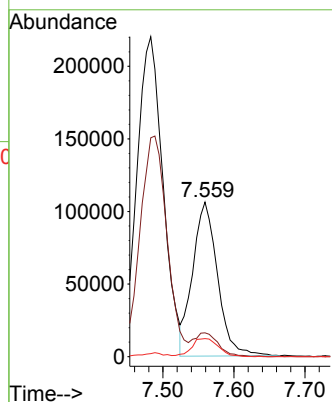
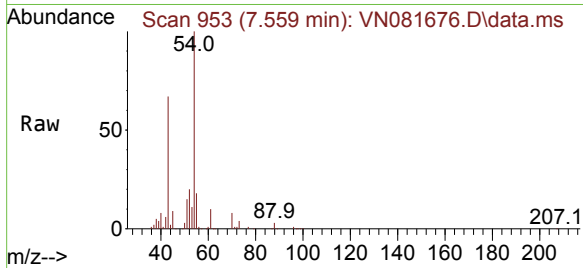




#37
Ethyl Acetate
Concen: 43.574 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

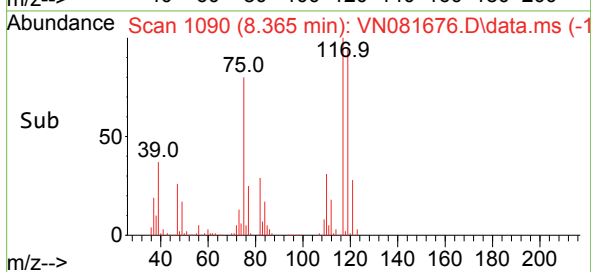
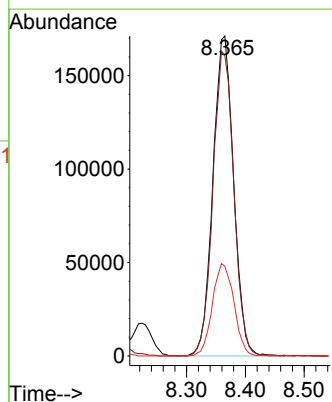
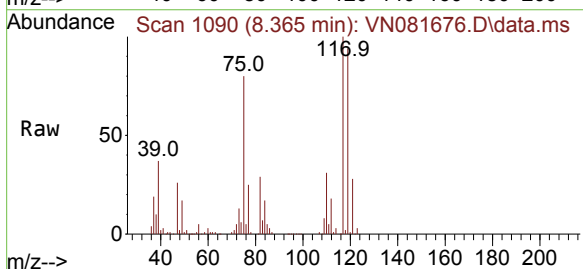
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

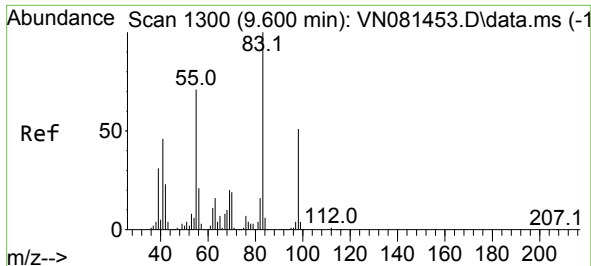
Tgt Ion: 43 Resp: 259378
Ion Ratio Lower Upper
43 100
61 15.3 10.6 15.8
70 12.6 8.0 12.0#



#38
Carbon Tetrachloride
Concen: 55.048 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

Tgt Ion: 117 Resp: 419194
Ion Ratio Lower Upper
117 100
119 93.8 73.4 110.2
121 28.1 24.4 36.6





#39

Methylcyclohexane

Concen: 58.086 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN081676.D

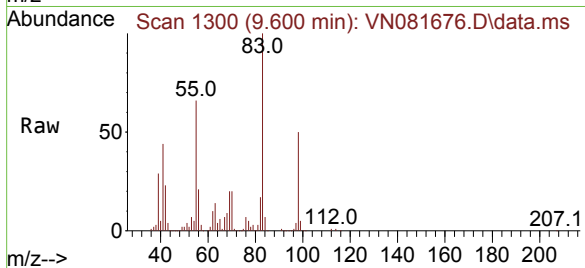
Acq: 08 Apr 2024 16:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



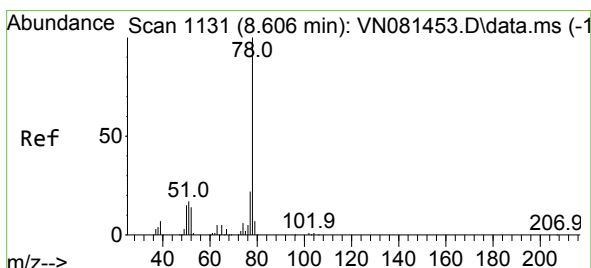
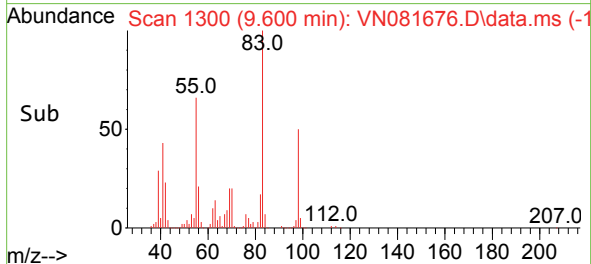
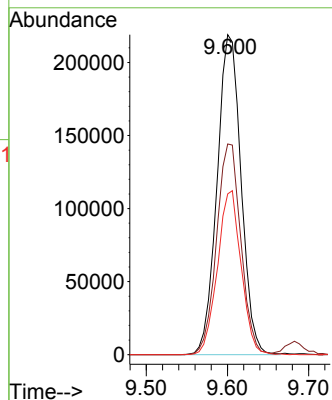
Tgt Ion: 83 Resp: 450926

Ion Ratio Lower Upper

83 100

55 65.8 65.7 98.5

98 50.3 33.8 50.6



#40

Benzene

Concen: 53.620 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN081676.D

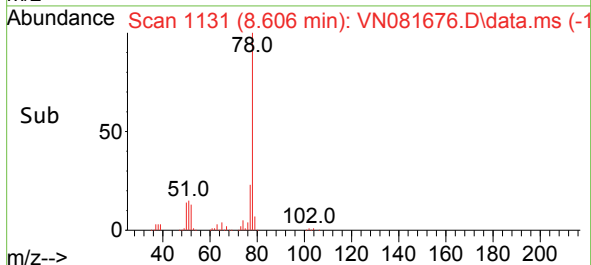
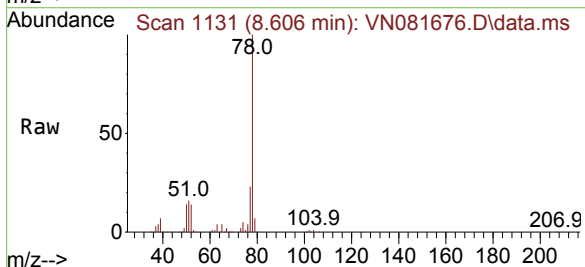
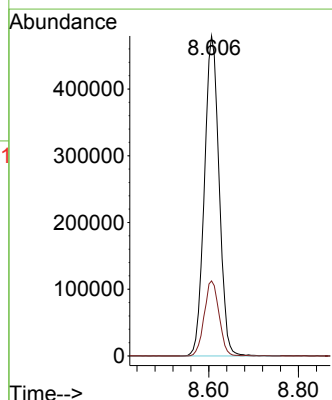
Acq: 08 Apr 2024 16:13

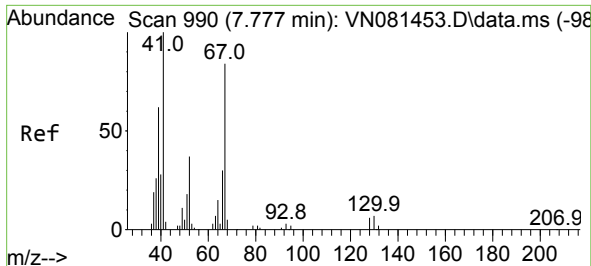
Tgt Ion: 78 Resp: 1089737

Ion Ratio Lower Upper

78 100

77 23.4 20.4 30.6

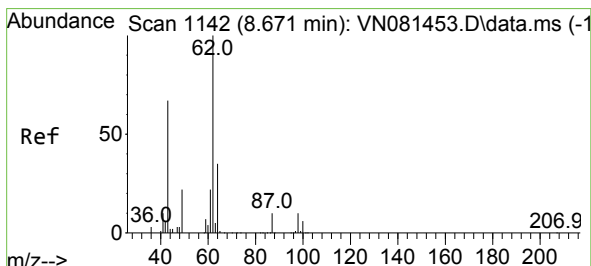
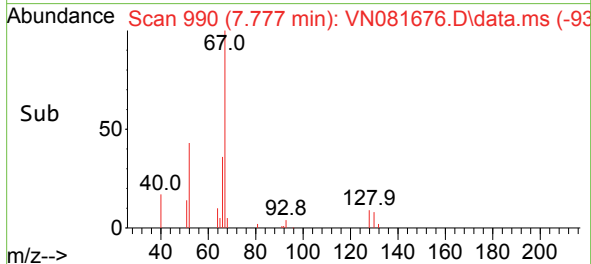
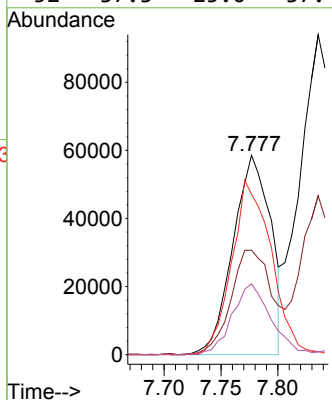
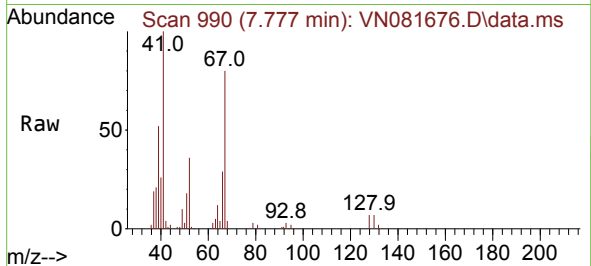




#41
Methacrylonitrile
Concen: 42.900 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

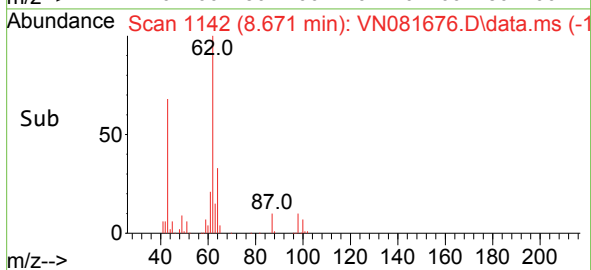
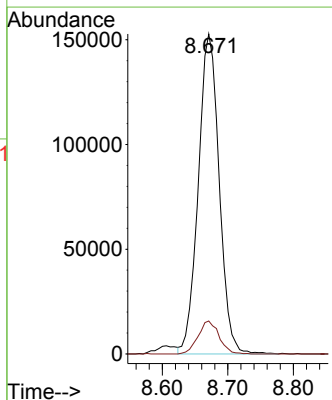
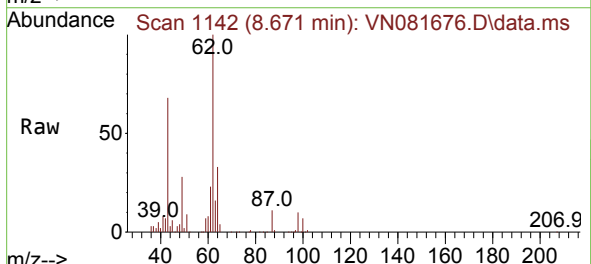
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

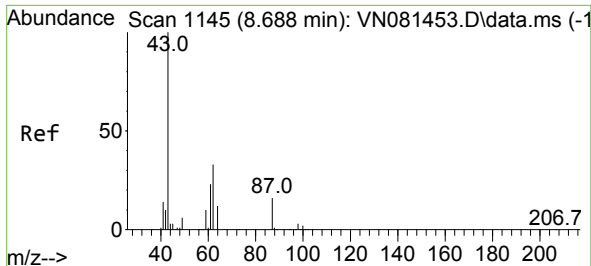
Tgt Ion:	41	Resp:	135049
Ion	Ratio	Lower	Upper
41	100		
39	58.5	48.4	72.6
67	92.0	56.8	85.2
52	37.3	25.0	37.4



#42
1,2-Dichloroethane
Concen: 47.441 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

Tgt Ion:	62	Resp:	339307
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	18.0

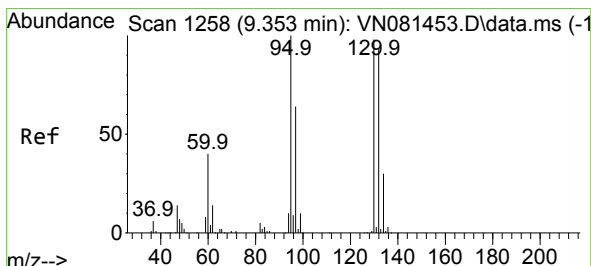
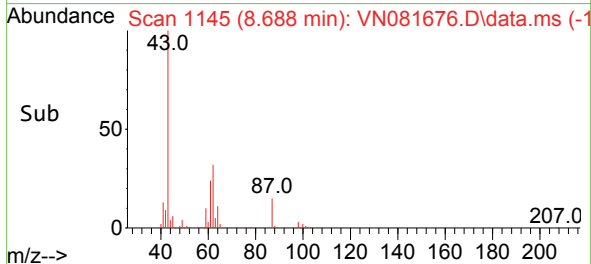
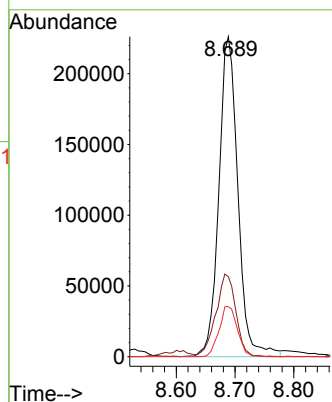
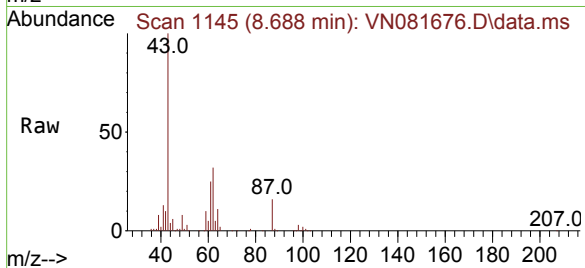




#43
Isopropyl Acetate
Concen: 51.606 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

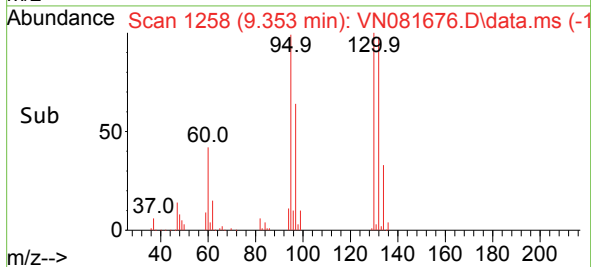
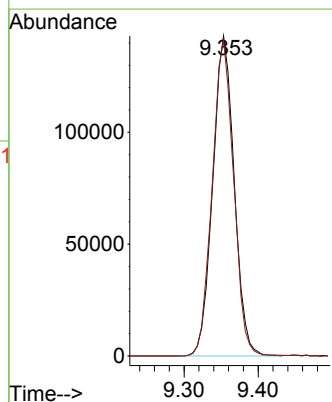
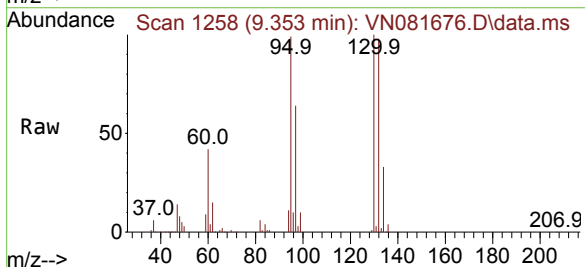
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

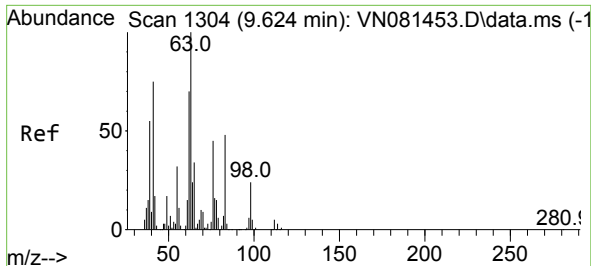
Tgt Ion: 43 Resp: 509201
Ion Ratio Lower Upper
43 100
61 26.7 19.9 29.9
87 15.1 9.0 13.6#



#44
Trichloroethene
Concen: 50.241 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

Tgt Ion:130 Resp: 287173
Ion Ratio Lower Upper
130 100
95 98.7 0.0 210.4





#45

1,2-Dichloropropane

Concen: 49.532 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081676.D

Acq: 08 Apr 2024 16:13

Instrument :

MSVOA_N

ClientSampleId :

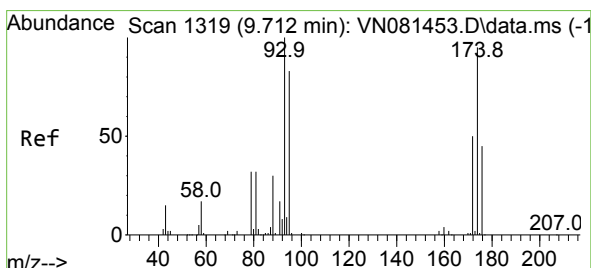
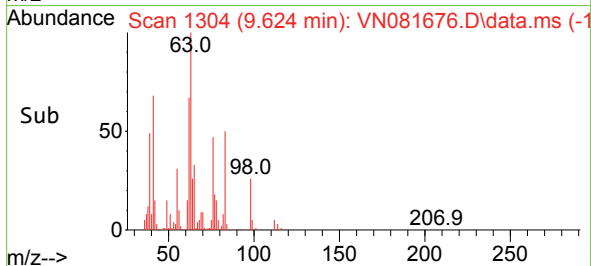
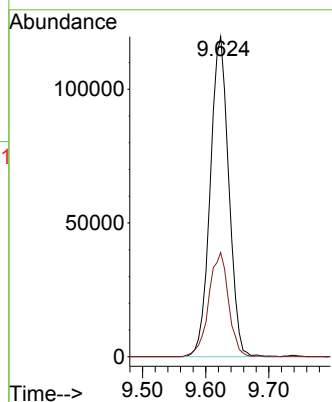
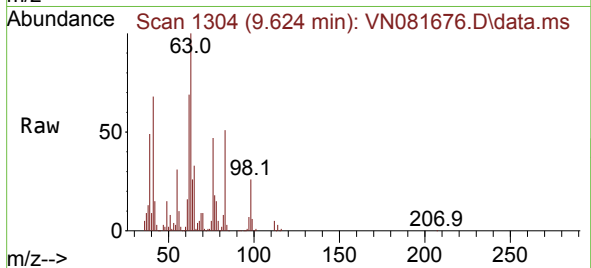
VSTDCCC050EC

Tgt Ion: 63 Resp: 243967

Ion Ratio Lower Upper

63 100

65 32.6 26.1 39.1



#46

Dibromomethane

Concen: 51.402 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN081676.D

Acq: 08 Apr 2024 16:13

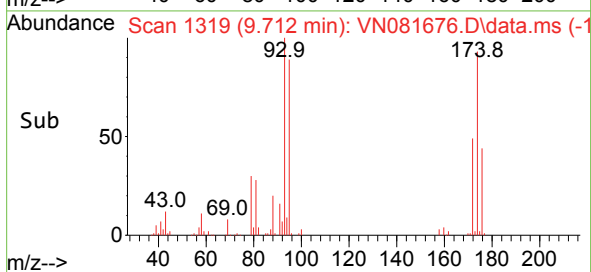
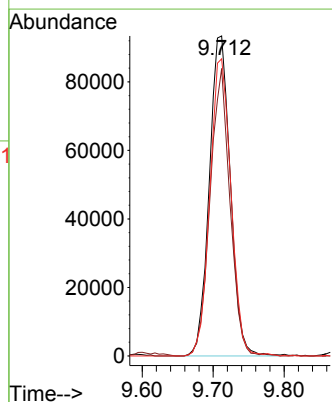
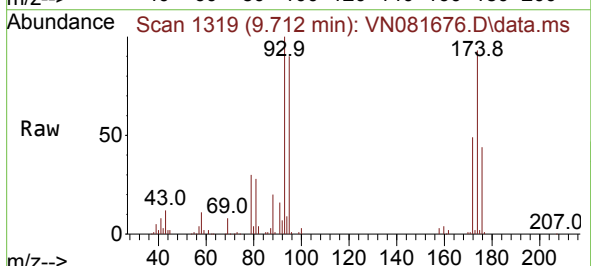
Tgt Ion: 93 Resp: 192269

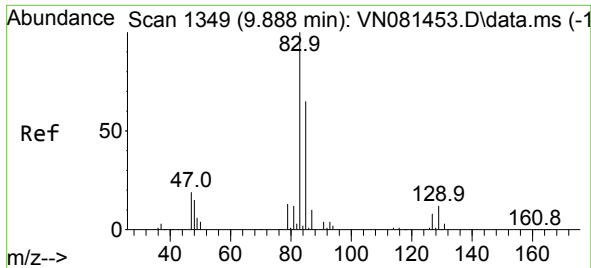
Ion Ratio Lower Upper

93 100

95 84.9 68.1 102.1

174 93.1 57.2 85.8

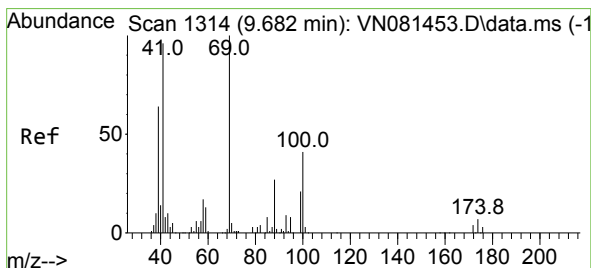
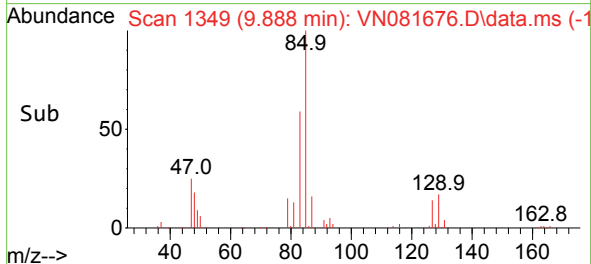
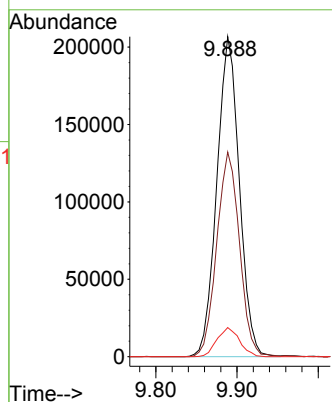
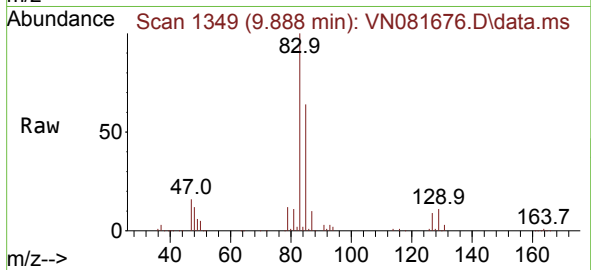




#47
Bromodichloromethane
Concen: 54.480 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

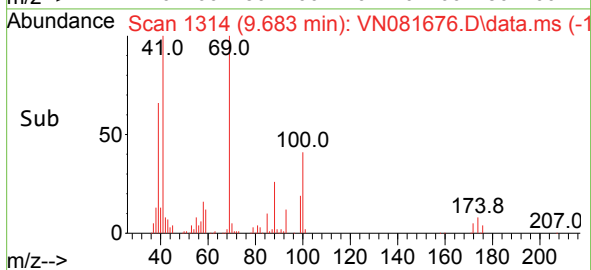
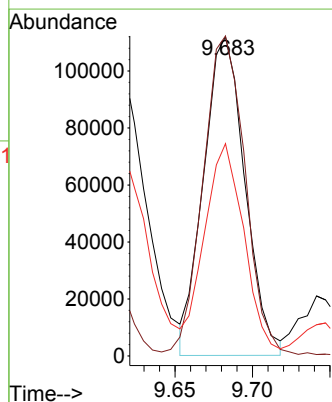
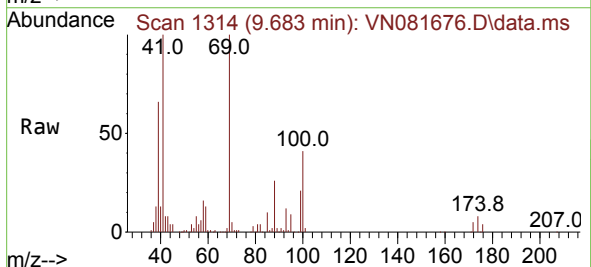
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

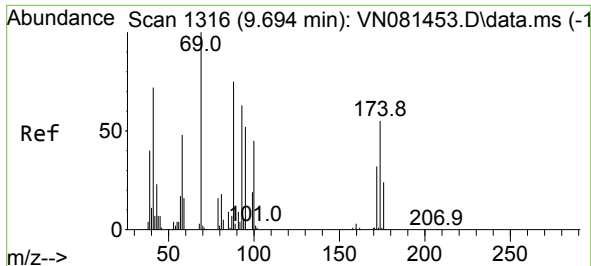
Tgt Ion: 83 Resp: 398422
Ion Ratio Lower Upper
83 100
85 64.0 52.3 78.5
127 9.1 4.6 7.0#



#48
Methyl methacrylate
Concen: 45.535 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

Tgt Ion: 41 Resp: 207231
Ion Ratio Lower Upper
41 100
69 103.2 62.2 93.2#
39 64.4 47.6 71.4





#49

1,4-Dioxane

Concen: 843.206 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081676.D

Acq: 08 Apr 2024 16:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

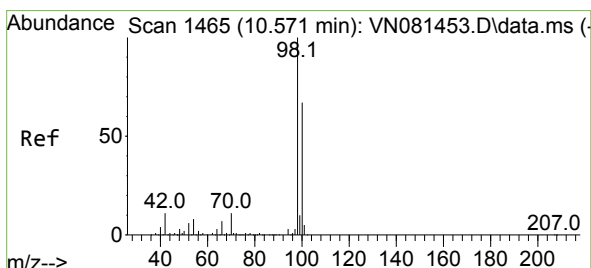
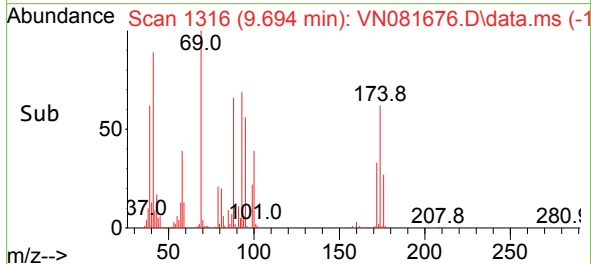
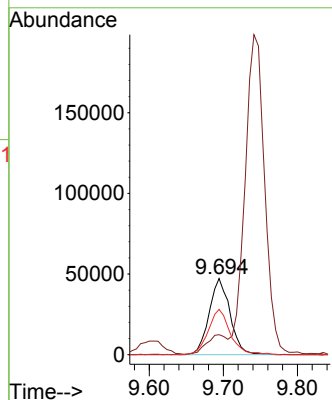
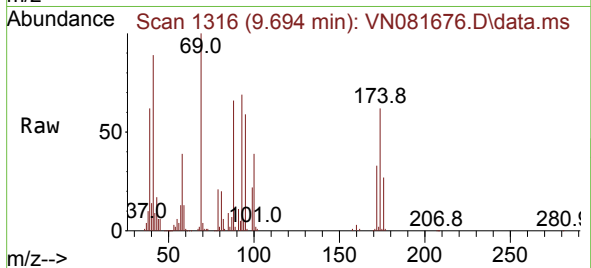
Tgt Ion: 88 Resp: 92221

Ion Ratio Lower Upper

88 100

43 25.5 30.1 45.1#

58 63.0 63.9 95.9#



#50

Toluene-d8

Concen: 47.091 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN081676.D

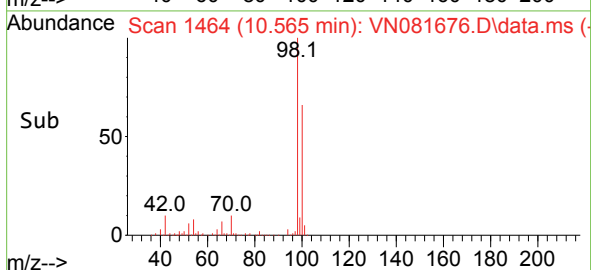
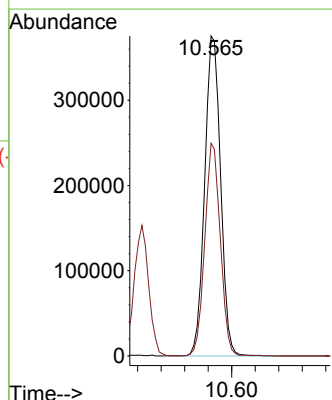
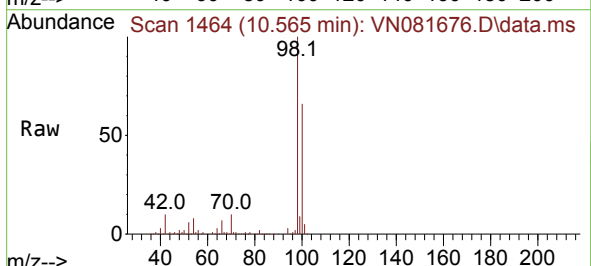
Acq: 08 Apr 2024 16:13

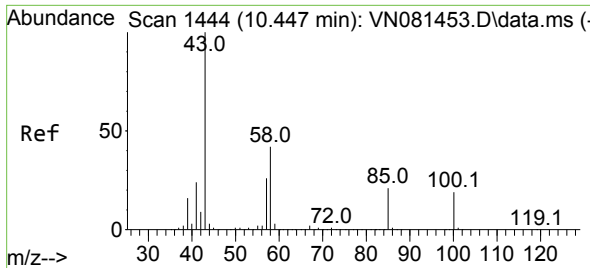
Tgt Ion: 98 Resp: 703166

Ion Ratio Lower Upper

98 100

100 65.0 51.4 77.0

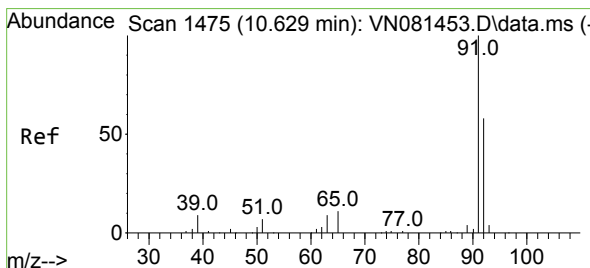
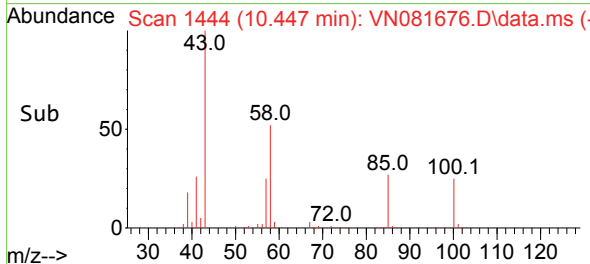
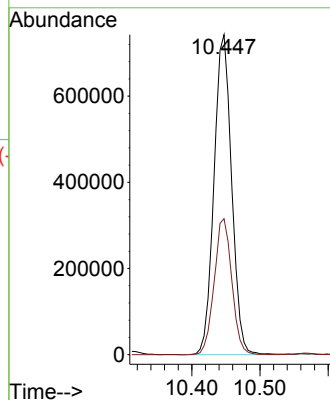
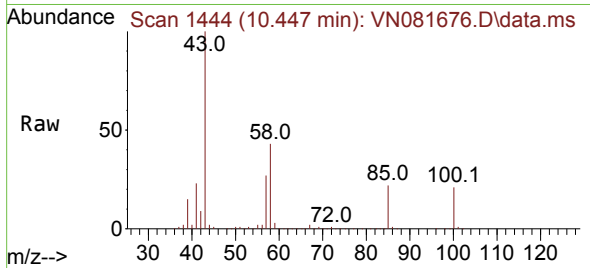




#51
4-Methyl-2-Pentanone
Concen: 221.713 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

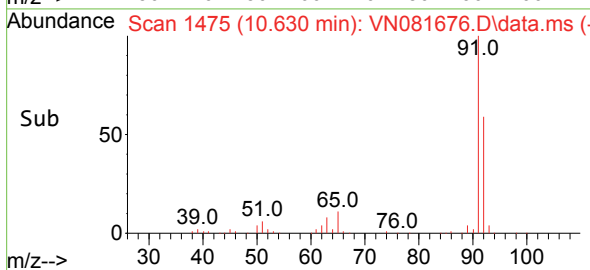
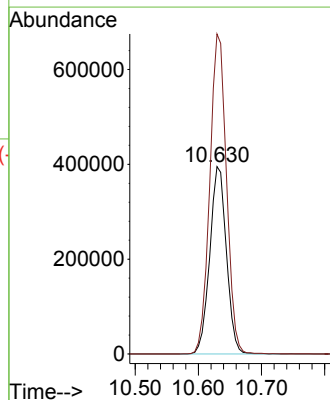
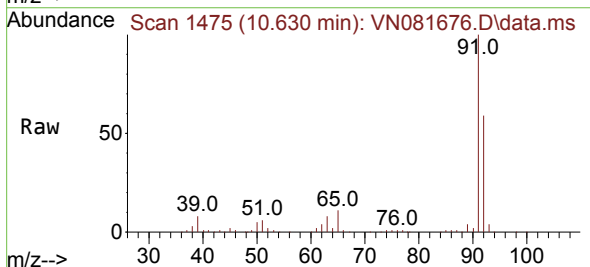
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

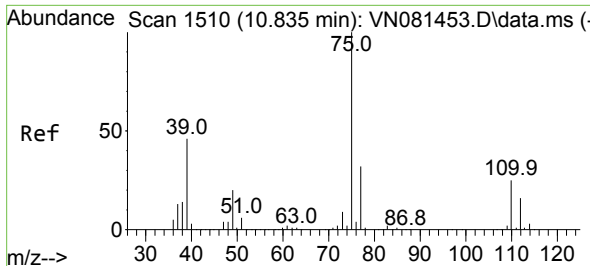
Tgt Ion: 43 Resp: 1334890
Ion Ratio Lower Upper
43 100
58 42.6 29.4 44.0



#52
Toluene
Concen: 55.952 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

Tgt Ion: 92 Resp: 722751
Ion Ratio Lower Upper
92 100
91 171.5 139.4 209.0

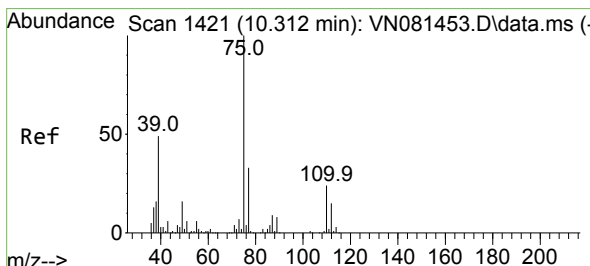
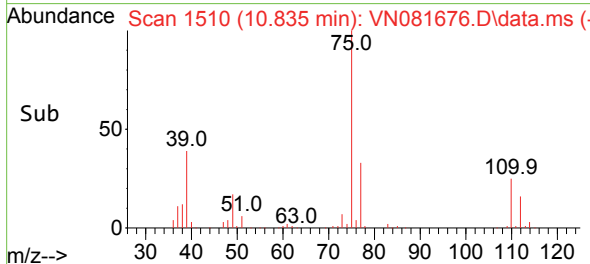
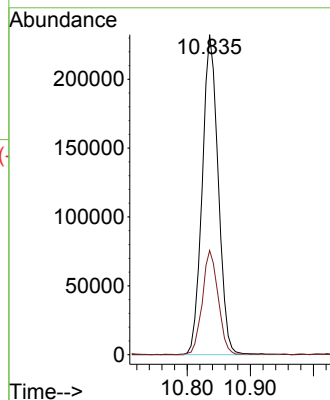
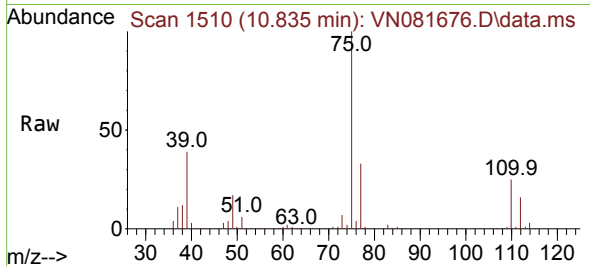




#53
t-1,3-Dichloropropene
Concen: 51.618 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

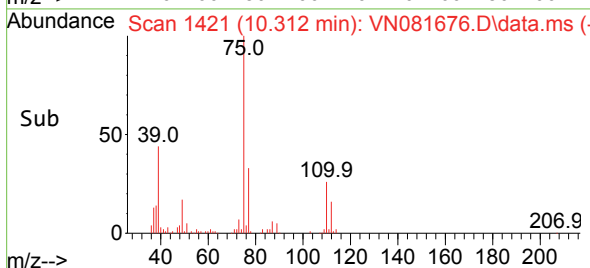
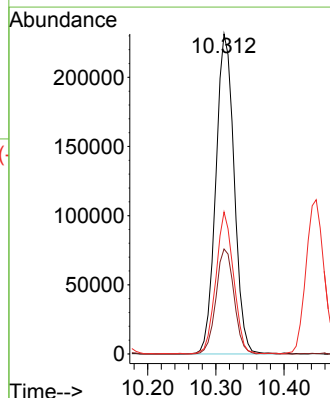
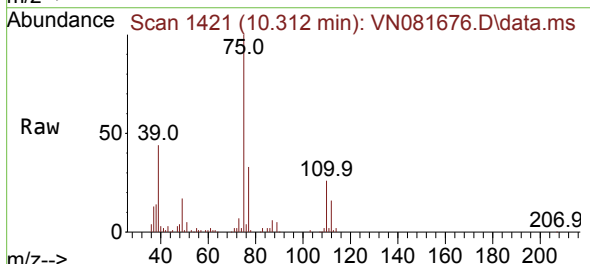
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

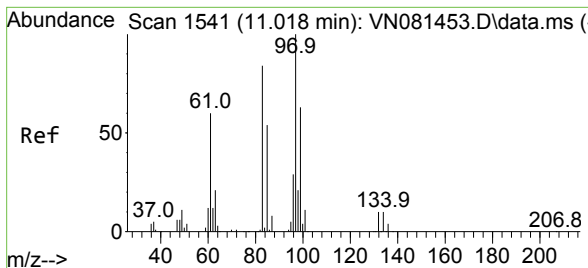
Tgt Ion: 75 Resp: 407626
Ion Ratio Lower Upper
75 100
77 32.5 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 51.191 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

Tgt Ion: 75 Resp: 433421
Ion Ratio Lower Upper
75 100
77 32.8 23.3 34.9
39 44.2 44.6 66.8#



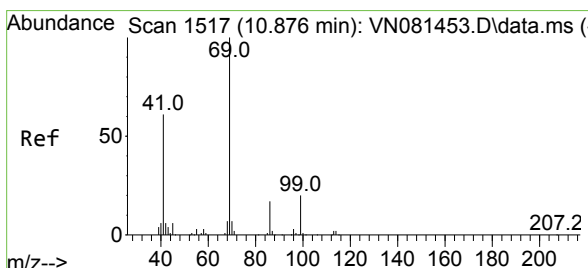
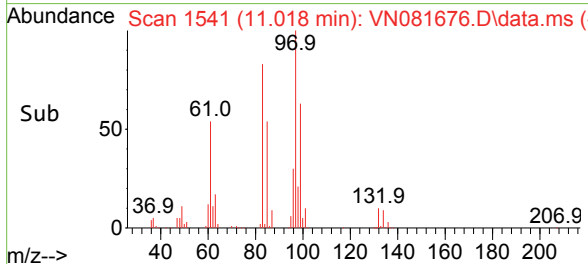
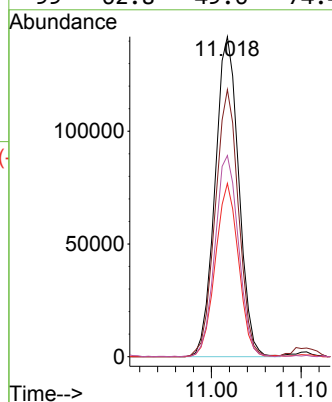
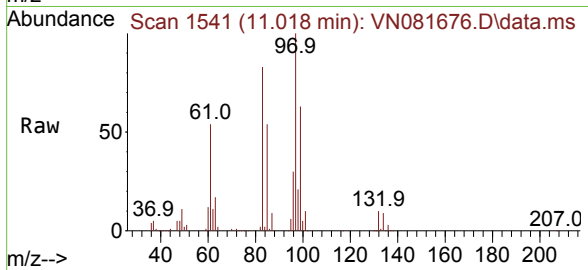


#55
1,1,2-Trichloroethane
Concen: 50.071 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 260294

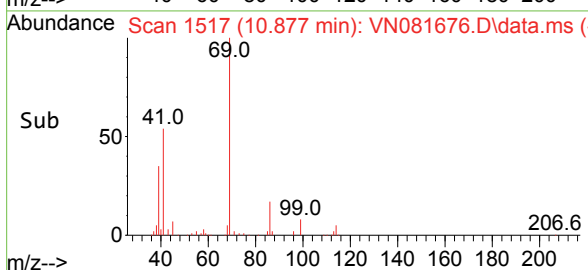
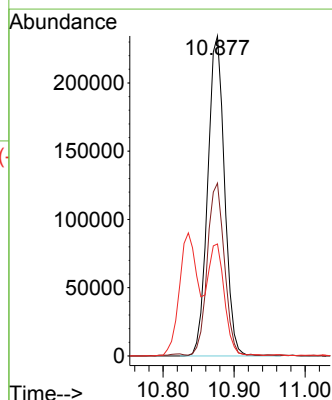
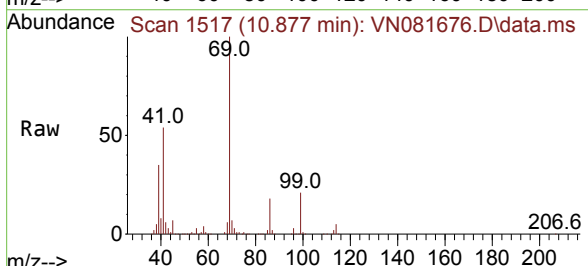
Ion	Ratio	Lower	Upper
97	100		
83	83.5	72.9	109.3
85	54.1	50.2	75.2
99	62.8	49.6	74.4

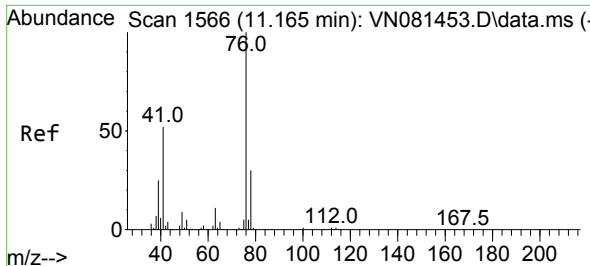


#56
Ethyl methacrylate
Concen: 49.890 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.001 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

Tgt Ion: 69 Resp: 385979

Ion	Ratio	Lower	Upper
69	100		
41	54.5	61.0	91.6#
39	36.2	31.8	47.6





#57

1,3-Dichloropropane

Concen: 50.508 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081676.D

Acq: 08 Apr 2024 16:13

Instrument :

MSVOA_N

ClientSampleId :

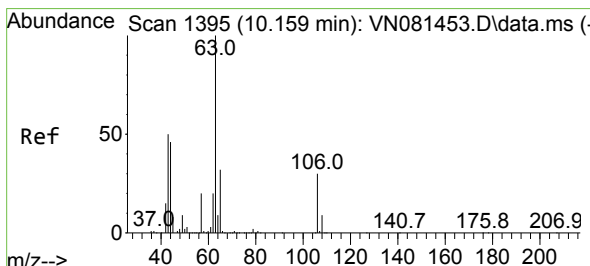
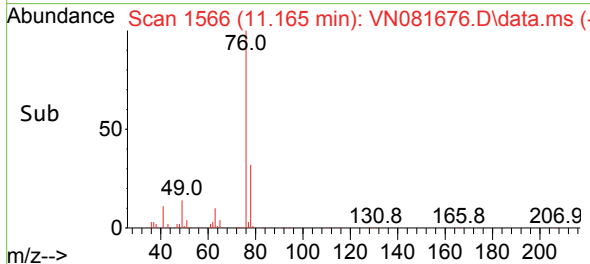
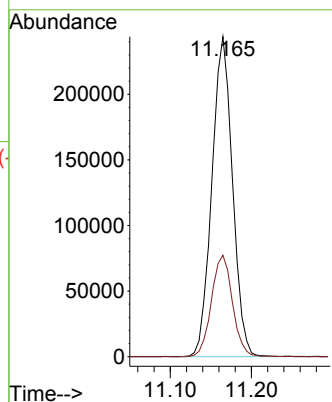
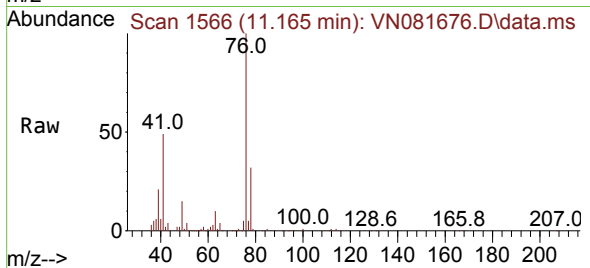
VSTDCCC050EC

Tgt Ion: 76 Resp: 430424

Ion Ratio Lower Upper

76 100

78 32.3 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 270.720 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN081676.D

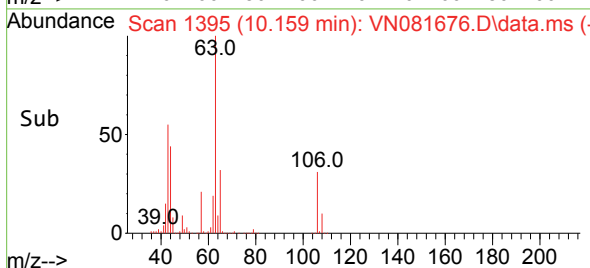
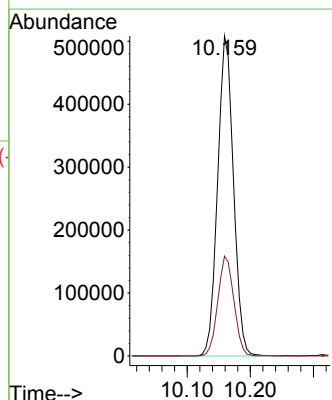
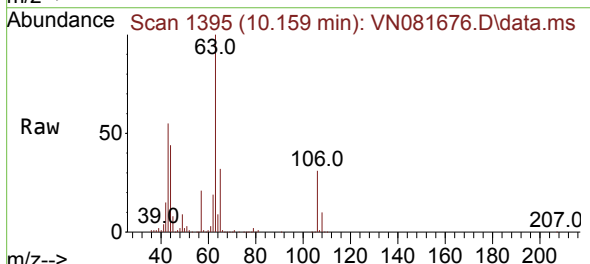
Acq: 08 Apr 2024 16:13

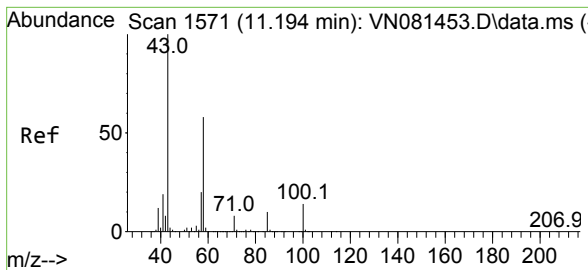
Tgt Ion: 63 Resp: 885531

Ion Ratio Lower Upper

63 100

106 31.6 18.6 28.0#

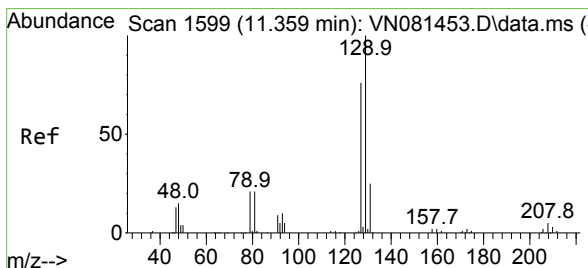
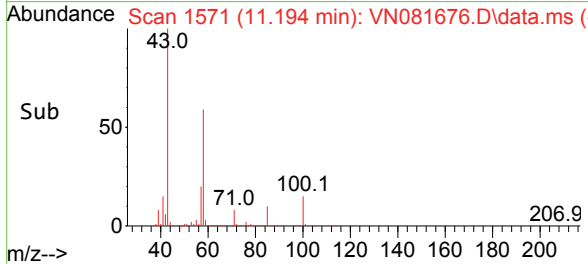
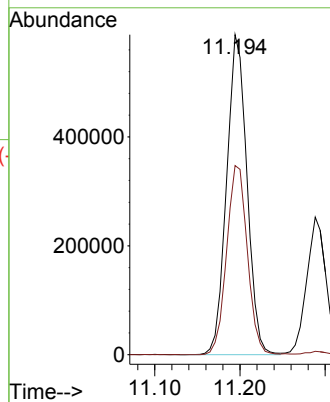
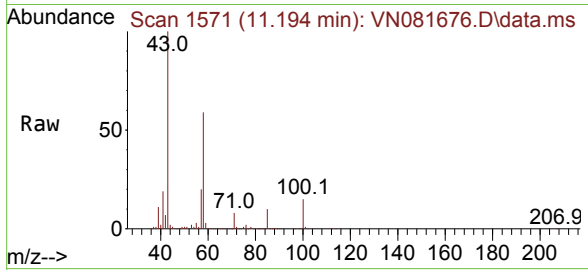




#59
2-Hexanone
Concen: 218.775 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

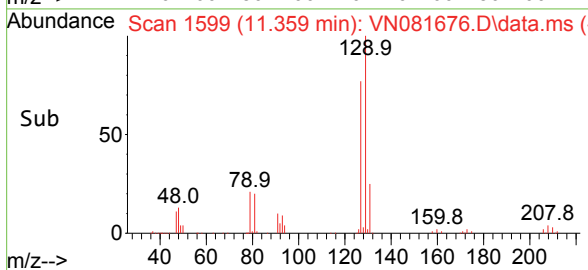
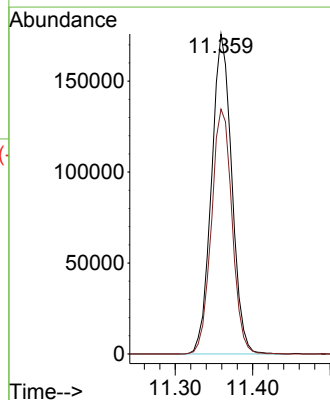
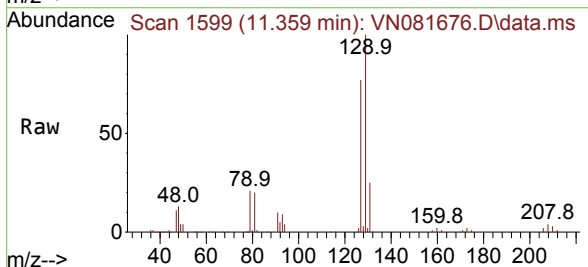
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

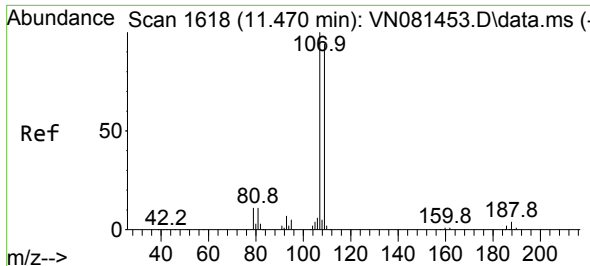
Tgt Ion: 43 Resp: 973860
Ion Ratio Lower Upper
43 100
58 60.2 25.9 77.8



#60
Dibromochloromethane
Concen: 55.947 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

Tgt Ion: 129 Resp: 319855
Ion Ratio Lower Upper
129 100
127 77.6 39.4 118.2

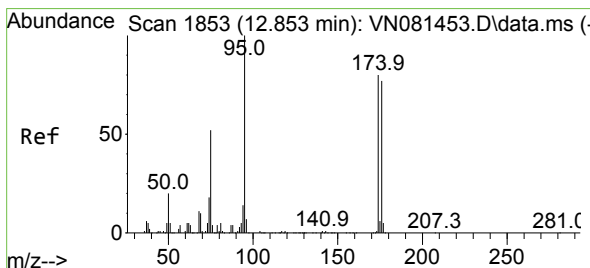
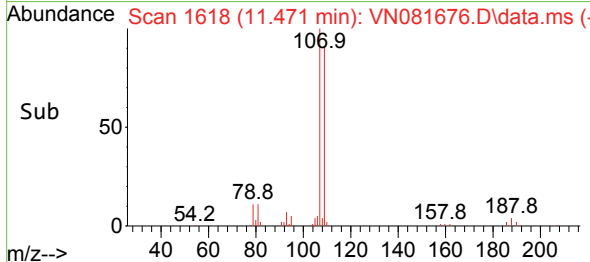
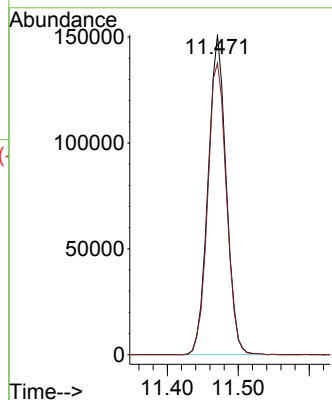
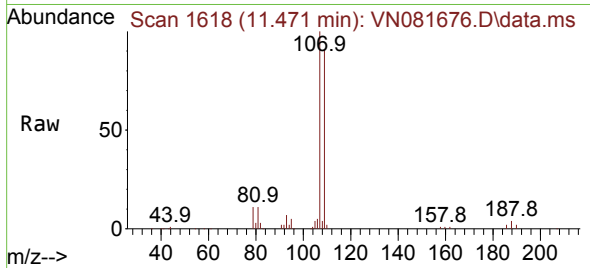




#61
1,2-Dibromoethane
Concen: 50.442 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

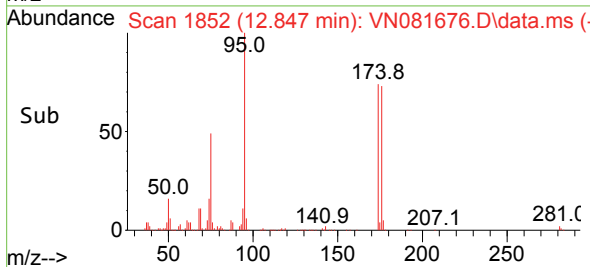
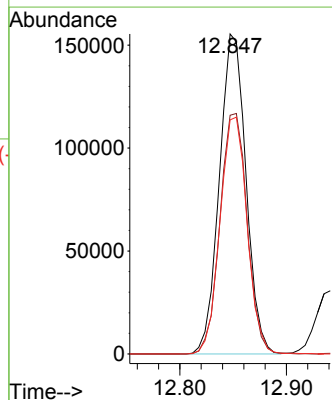
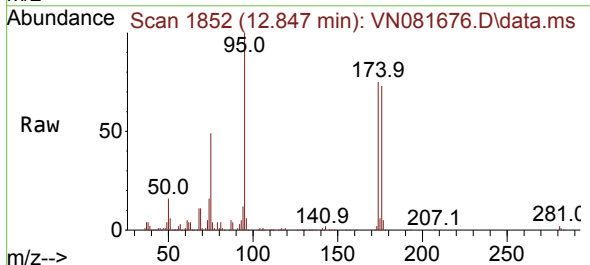
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

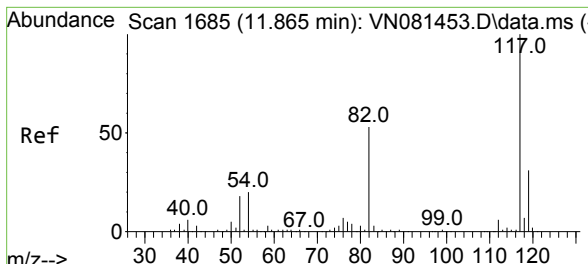
Tgt Ion:107 Resp: 267339
Ion Ratio Lower Upper
107 100
109 94.9 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 51.228 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

Tgt Ion: 95 Resp: 269535
Ion Ratio Lower Upper
95 100
174 76.7 0.0 120.4
176 75.4 0.0 121.0

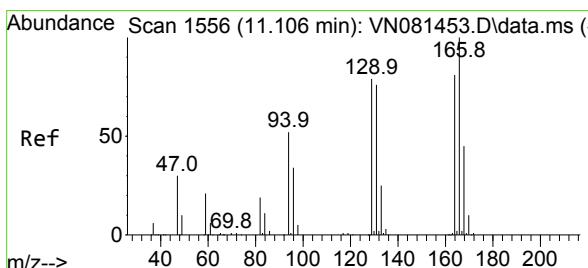
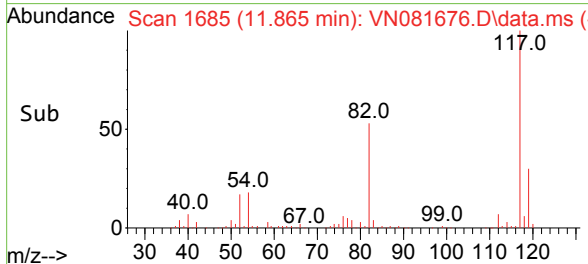
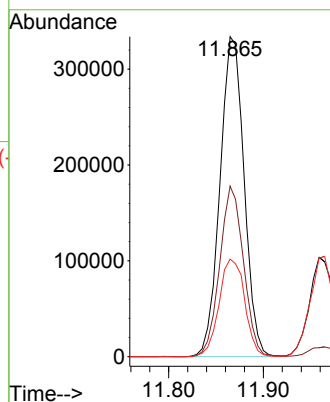
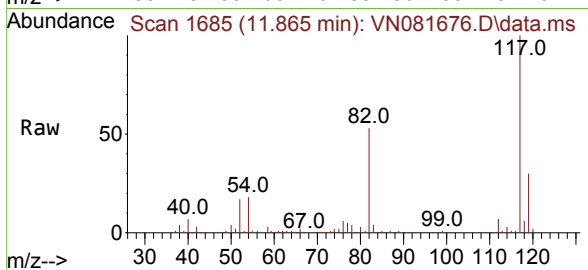




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

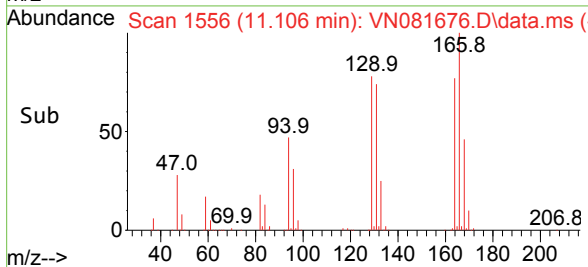
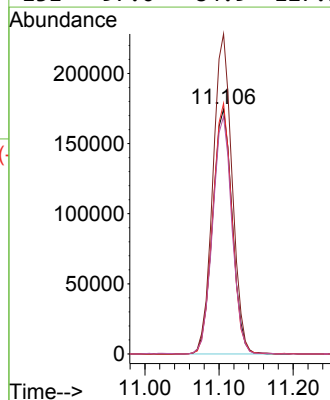
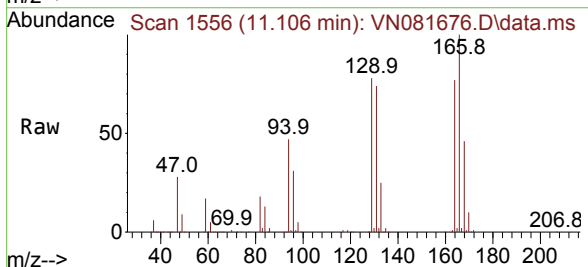
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

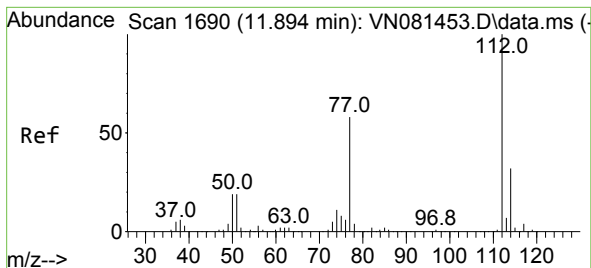
Tgt Ion:117 Resp: 591697
Ion Ratio Lower Upper
117 100
82 53.3 52.7 79.1
119 30.5 25.3 37.9



#64
Tetrachloroethene
Concen: 56.643 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

Tgt Ion:164 Resp: 320367
Ion Ratio Lower Upper
164 100
166 130.7 105.8 158.6
129 102.3 89.6 134.4
131 97.0 84.9 127.3





#65

Chlorobenzene

Concen: 56.700 ug/l

RT: 11.894 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081676.D

Acq: 08 Apr 2024 16:13

Instrument :

MSVOA_N

ClientSampleId :

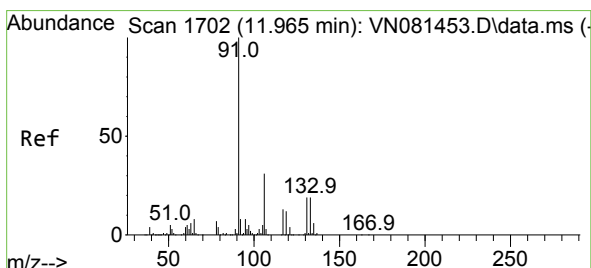
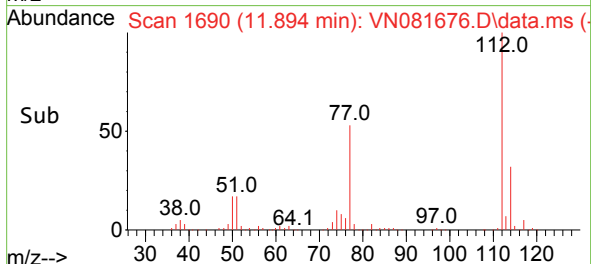
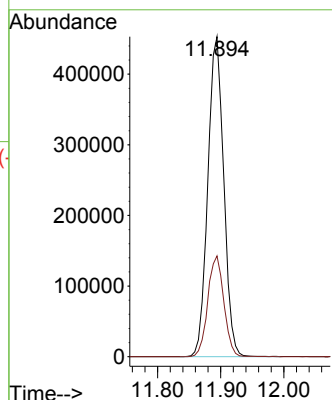
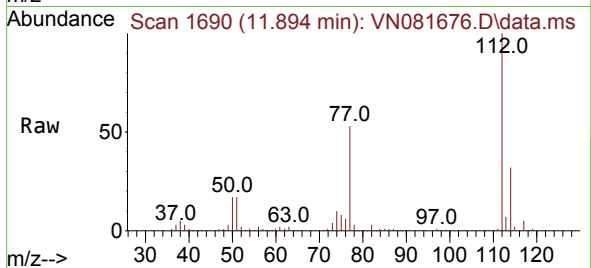
VSTDCCC050EC

Tgt Ion:112 Resp: 793107

Ion Ratio Lower Upper

112 100

114 31.5 23.7 35.5



#66

1,1,1,2-Tetrachloroethane

Concen: 53.495 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.006 min

Lab File: VN081676.D

Acq: 08 Apr 2024 16:13

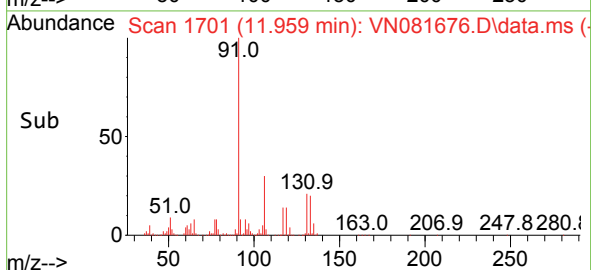
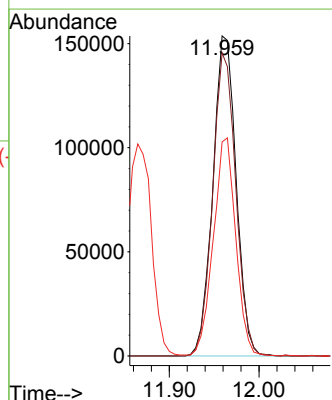
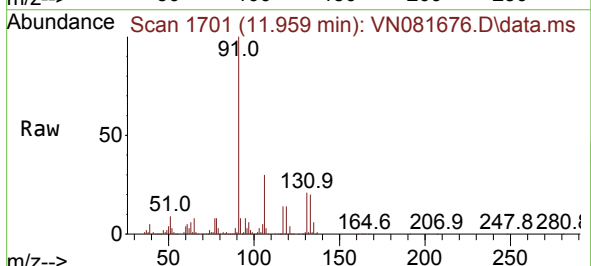
Tgt Ion:131 Resp: 277333

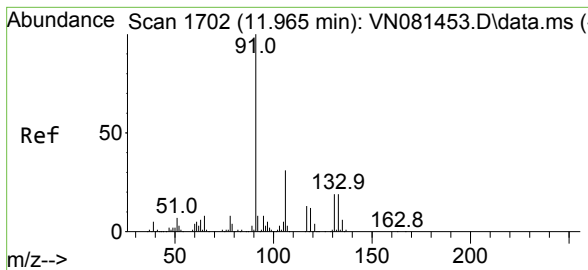
Ion Ratio Lower Upper

131 100

133 94.0 46.8 140.3

119 65.8 34.6 103.9

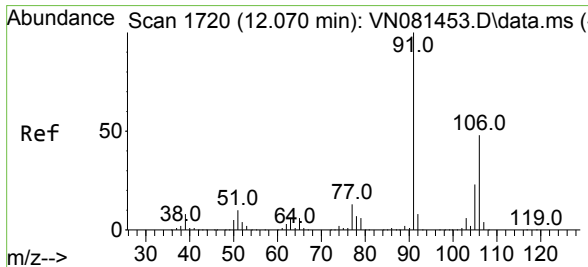
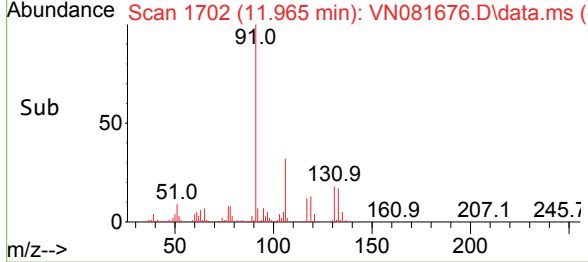
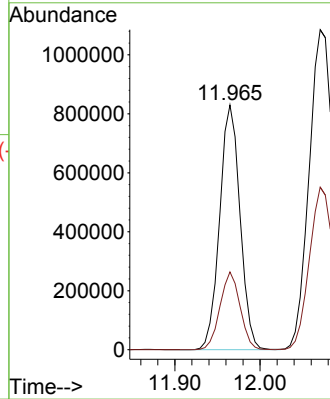
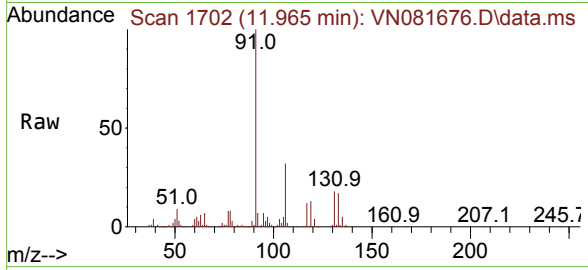




#67
Ethyl Benzene
Concen: 56.804 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

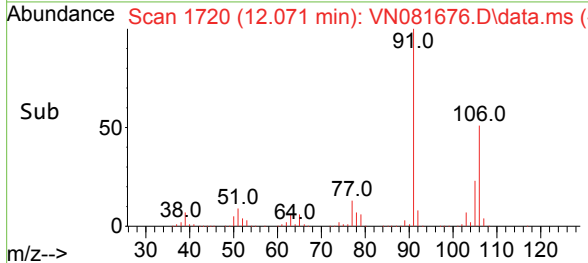
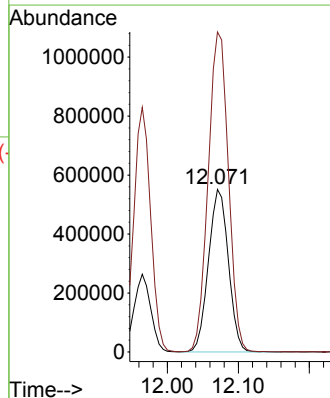
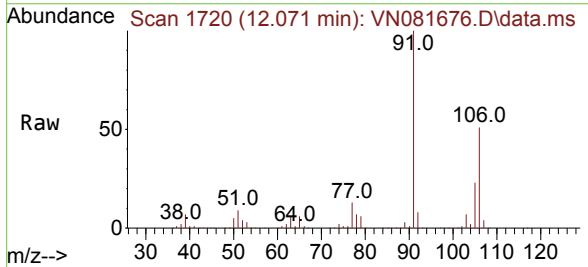
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

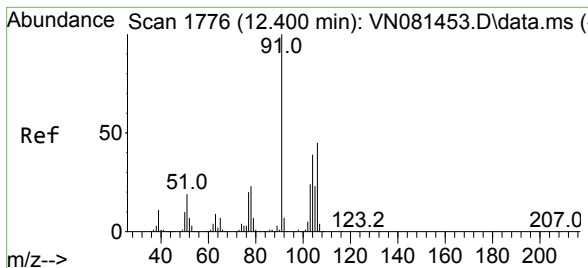
Tgt Ion: 91 Resp: 1380196
Ion Ratio Lower Upper
91 100
106 31.8 23.8 35.6



#68
m/p-Xylenes
Concen: 117.900 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

Tgt Ion:106 Resp: 1073929
Ion Ratio Lower Upper
106 100
91 199.9 169.0 253.6

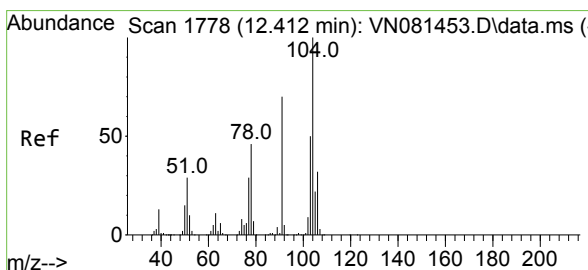
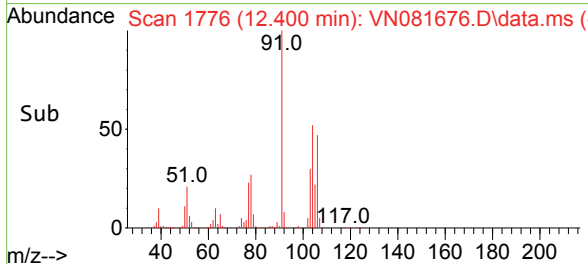
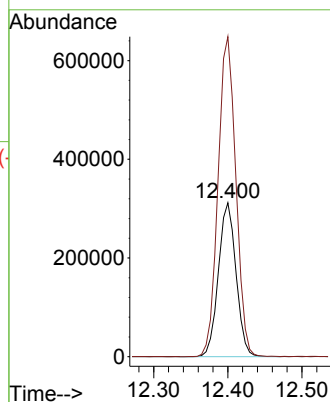
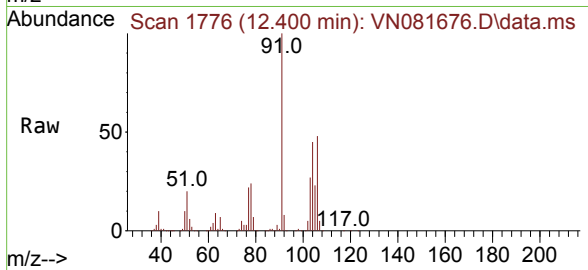




#69
o-Xylene
Concen: 57.538 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

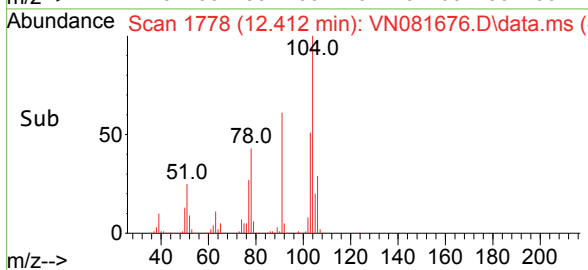
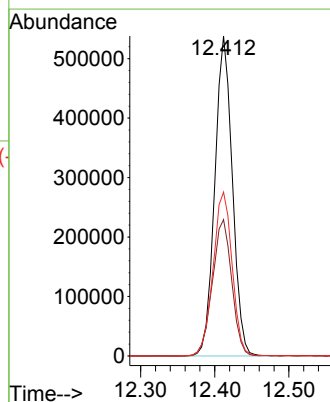
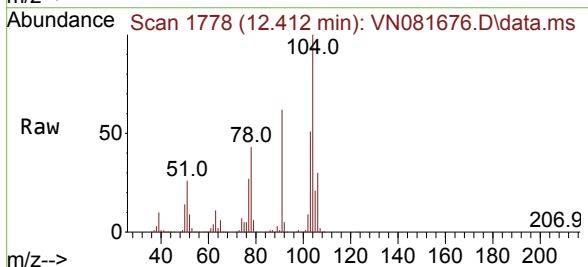
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

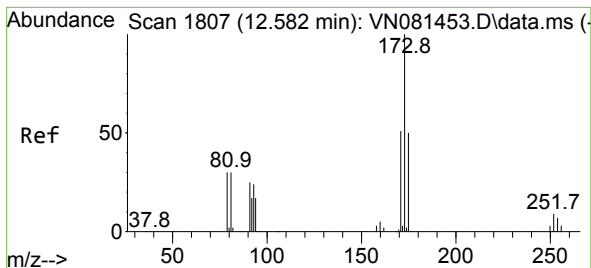
Tgt Ion:106 Resp: 514521
Ion Ratio Lower Upper
106 100
91 210.6 112.1 336.3



#70
Styrene
Concen: 61.415 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

Tgt Ion:104 Resp: 885745
Ion Ratio Lower Upper
104 100
78 46.8 43.8 65.8
103 55.6 44.2 66.2





#71

Bromoform

Concen: 51.590 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081676.D

Acq: 08 Apr 2024 16:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

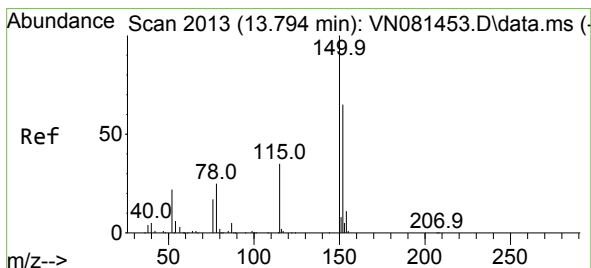
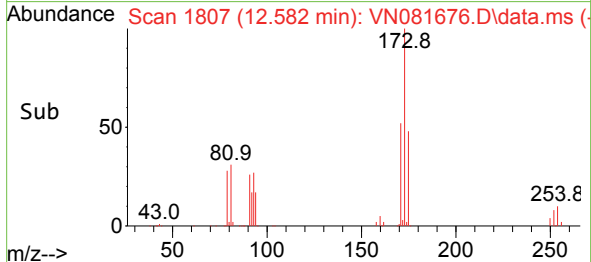
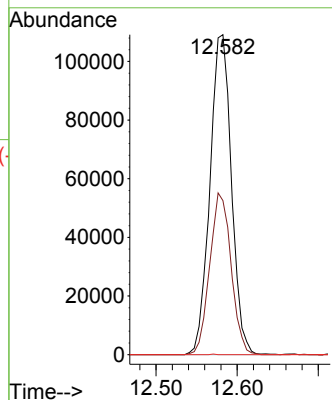
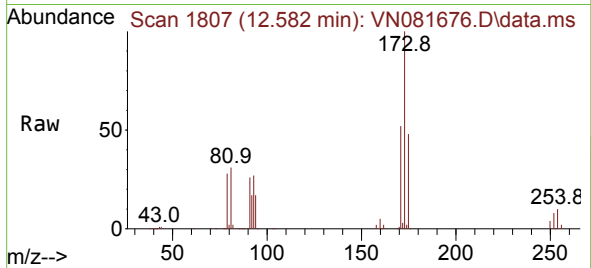
Tgt Ion:173 Resp: 200980

Ion Ratio Lower Upper

173 100

175 50.1 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: VN081676.D

Acq: 08 Apr 2024 16:13

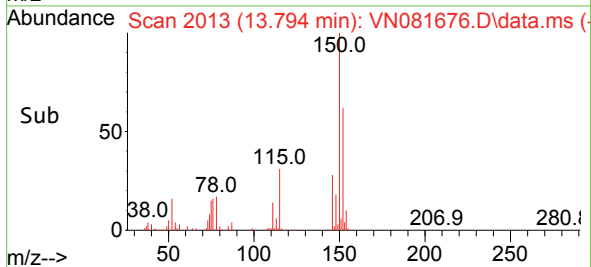
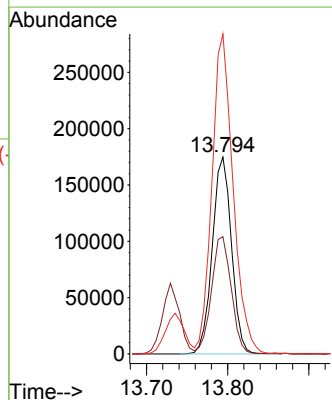
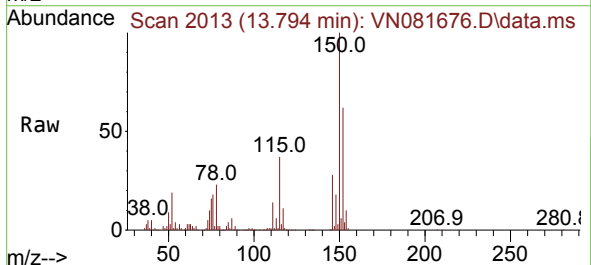
Tgt Ion:152 Resp: 288067

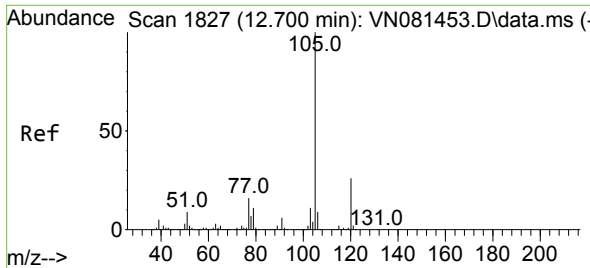
Ion Ratio Lower Upper

152 100

115 60.8 32.3 96.8

150 178.4 0.0 339.8

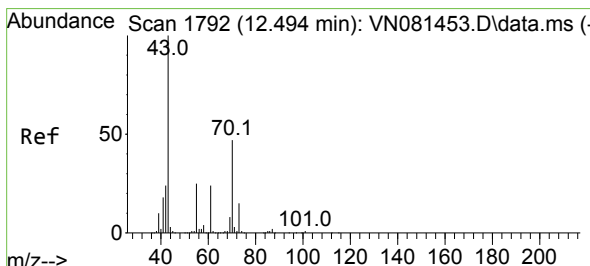
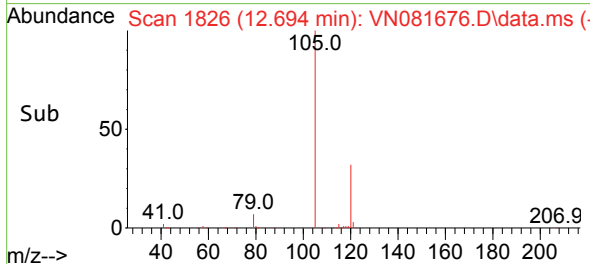
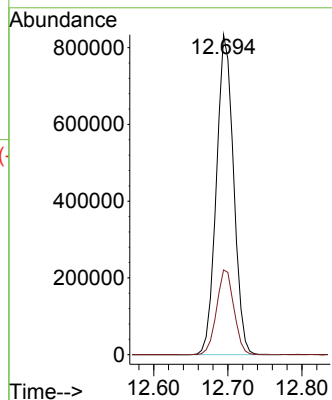
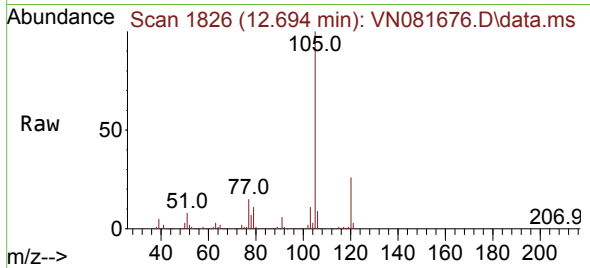




#73
Isopropylbenzene
Concen: 54.649 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

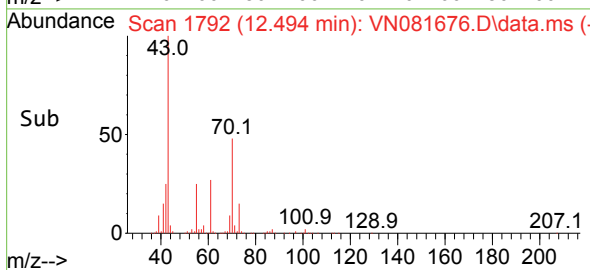
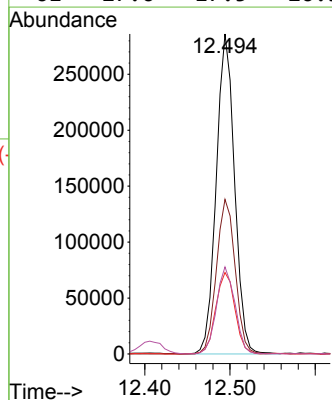
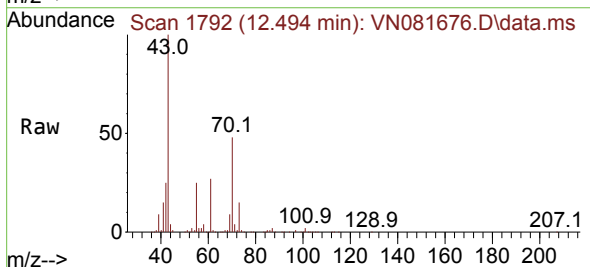
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

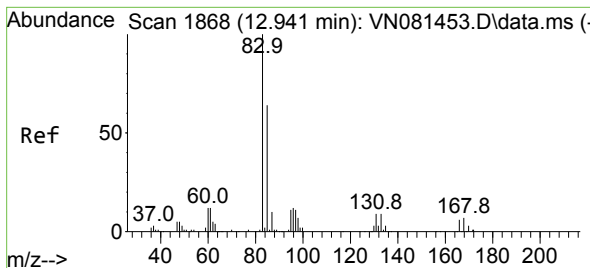
Tgt Ion:105 Resp: 1341901
Ion Ratio Lower Upper
105 100
120 26.7 12.6 37.6



#74
N-ethyl acetate
Concen: 48.095 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

Tgt Ion: 43 Resp: 427382
Ion Ratio Lower Upper
43 100
70 49.5 30.1 45.1#
55 26.6 17.0 25.4#
61 27.6 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 41.314 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN081676.D

Acq: 08 Apr 2024 16:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

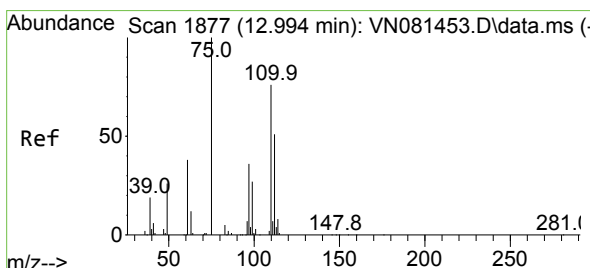
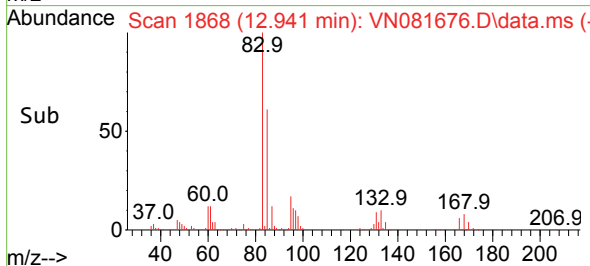
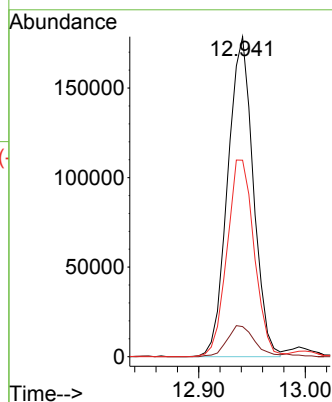
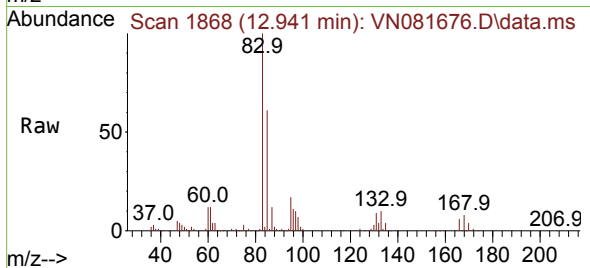
Tgt Ion: 83 Resp: 298272

Ion Ratio Lower Upper

83 100

131 10.9 4.1 12.3

85 65.5 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 63.544 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN081676.D

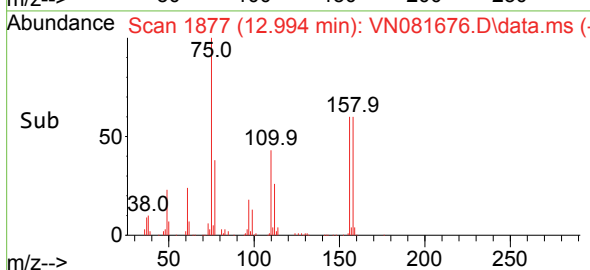
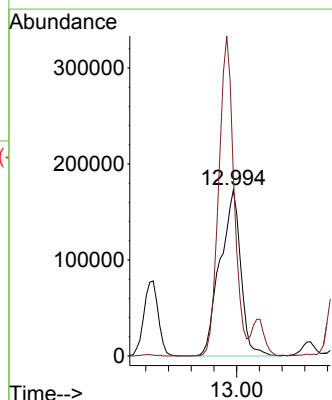
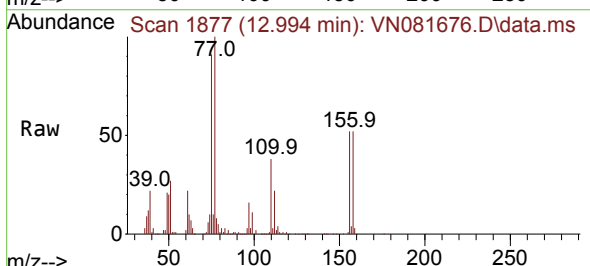
Acq: 08 Apr 2024 16:13

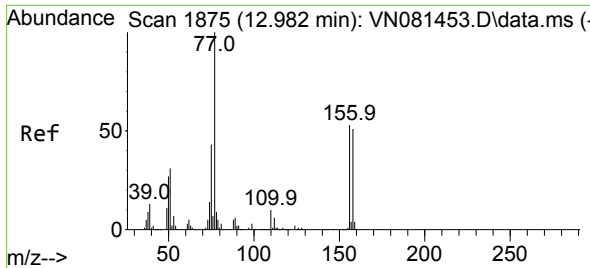
Tgt Ion: 75 Resp: 437864

Ion Ratio Lower Upper

75 100

77 142.1 91.0 272.8

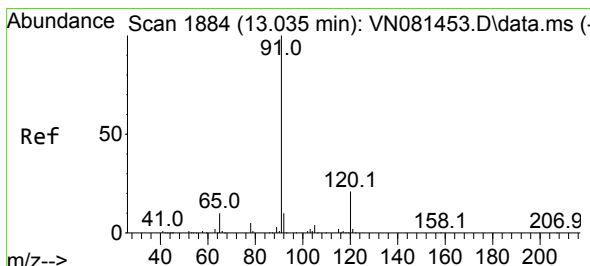
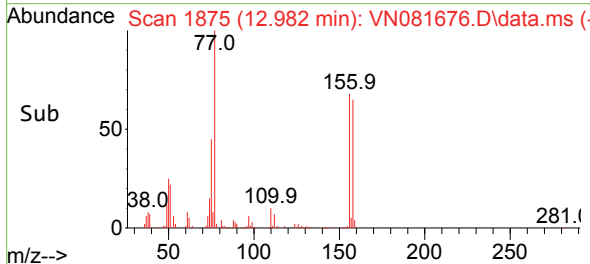
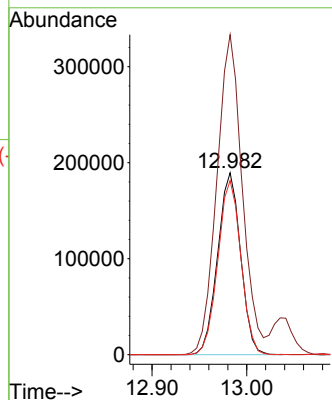
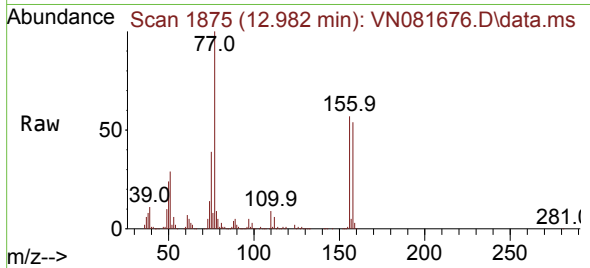




#77
Bromobenzene
Concen: 52.610 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

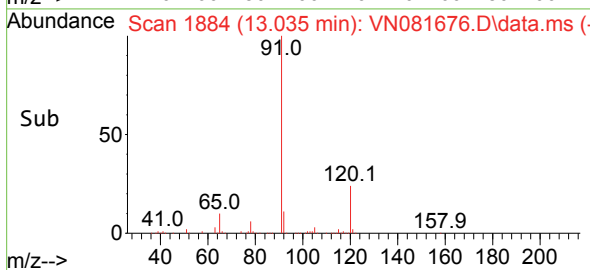
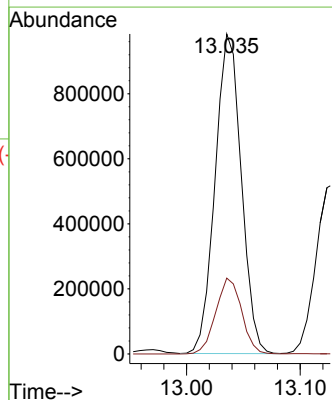
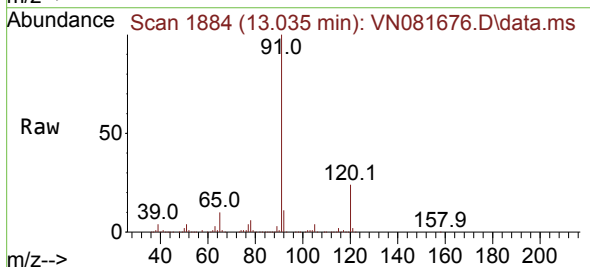
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

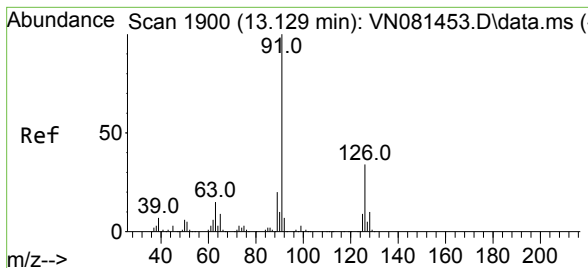
Tgt Ion:156 Resp: 319123
Ion Ratio Lower Upper
156 100
77 195.0 138.1 414.3
158 96.1 46.5 139.5



#78
n-propylbenzene
Concen: 54.195 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

Tgt Ion: 91 Resp: 1571556
Ion Ratio Lower Upper
91 100
120 23.4 10.3 30.9





#79

2-Chlorotoluene

Concen: 52.962 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN081676.D

Acq: 08 Apr 2024 16:13

Instrument :

MSVOA_N

ClientSampleId :

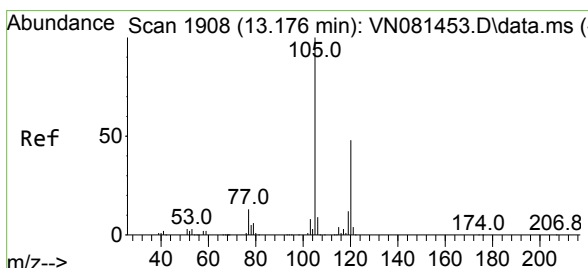
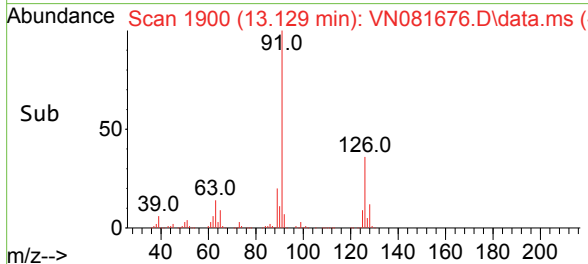
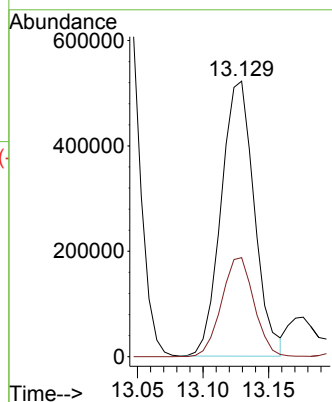
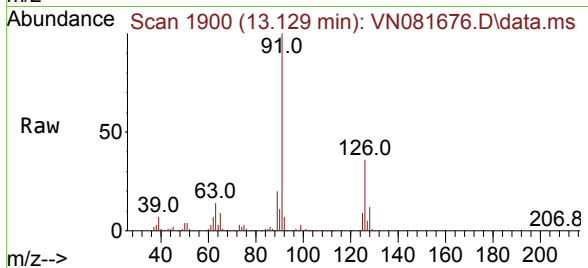
VSTDCCC050EC

Tgt Ion: 91 Resp: 919205

Ion Ratio Lower Upper

91 100

126 35.4 14.8 44.4



#80

1,3,5-Trimethylbenzene

Concen: 55.245 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN081676.D

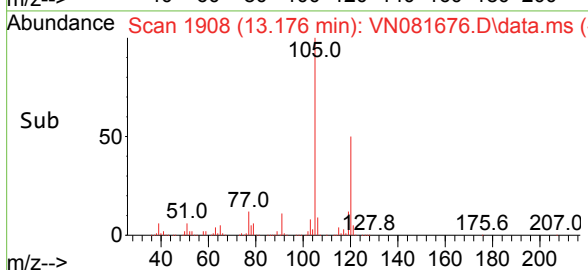
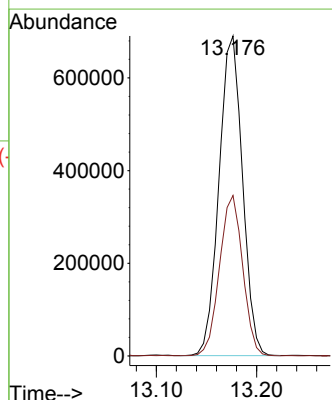
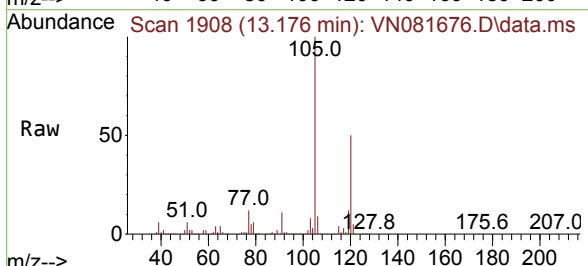
Acq: 08 Apr 2024 16:13

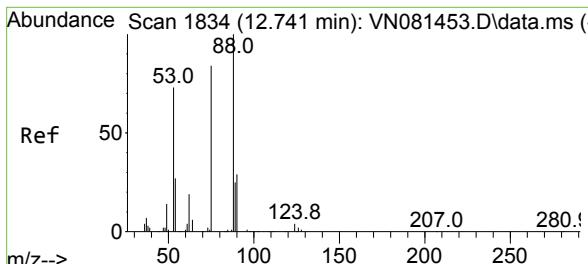
Tgt Ion: 105 Resp: 1120439

Ion Ratio Lower Upper

105 100

120 49.5 23.0 69.0

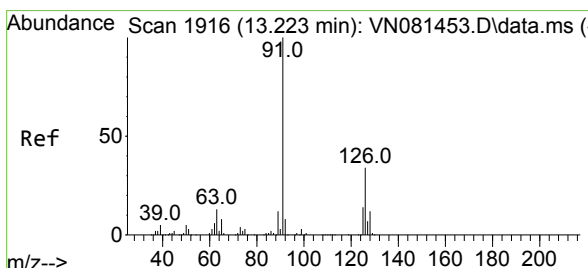
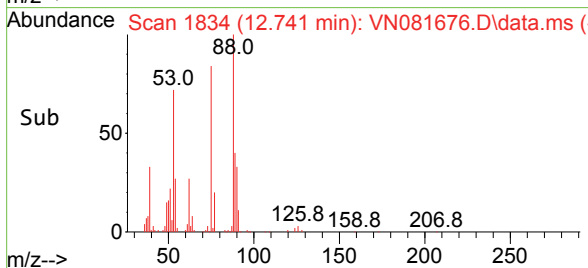
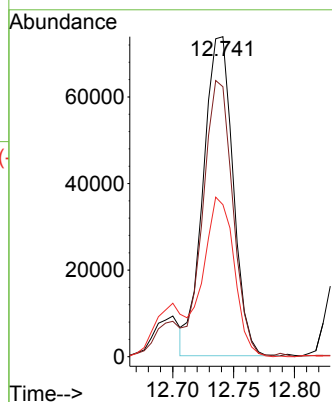
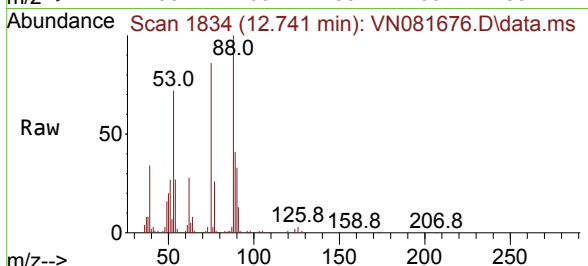




#81
trans-1,4-Dichloro-2-butene
Concen: 49.416 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

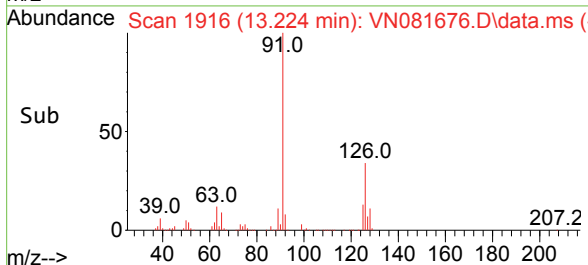
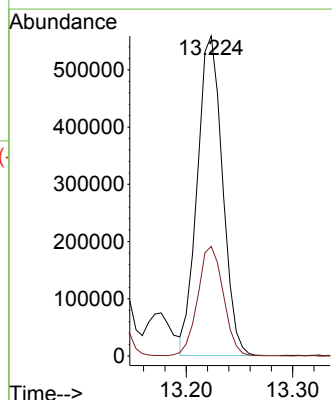
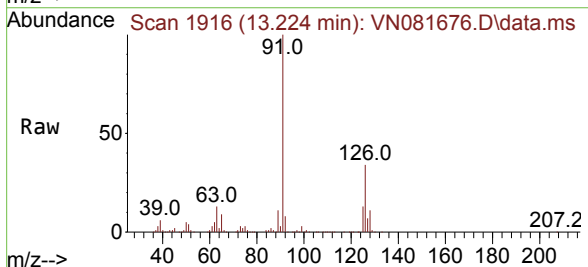
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

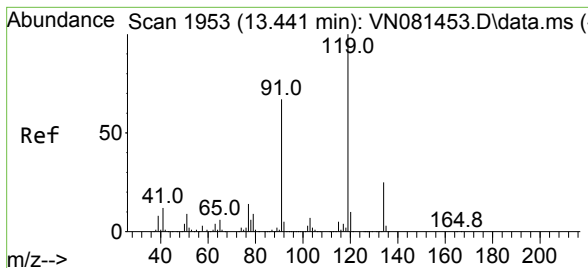
Tgt Ion: 75 Resp: 126006
Ion Ratio Lower Upper
75 100
53 96.8 71.4 107.2
89 51.2 33.4 50.0#



#82
4-Chlorotoluene
Concen: 53.649 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

Tgt Ion: 91 Resp: 918008
Ion Ratio Lower Upper
91 100
126 34.9 15.3 45.9





#83

tert-Butylbenzene

Concen: 56.184 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN081676.D

Acq: 08 Apr 2024 16:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

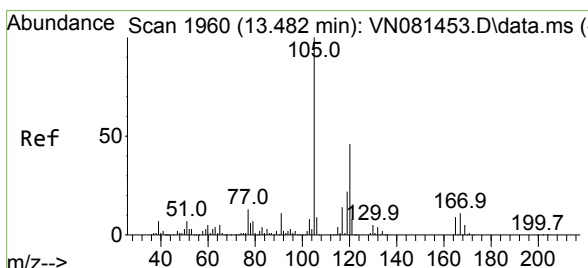
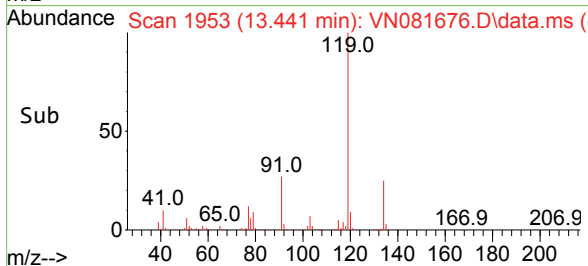
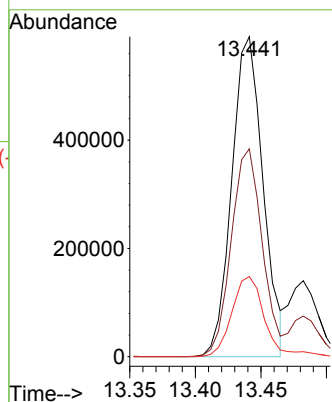
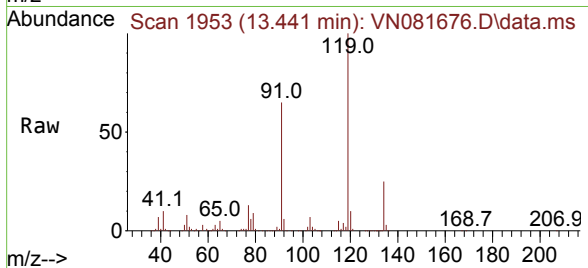
Tgt Ion:119 Resp: 982621

Ion Ratio Lower Upper

119 100

91 64.3 36.8 110.4

134 26.3 12.4 37.4



#84

1,2,4-Trimethylbenzene

Concen: 56.229 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN081676.D

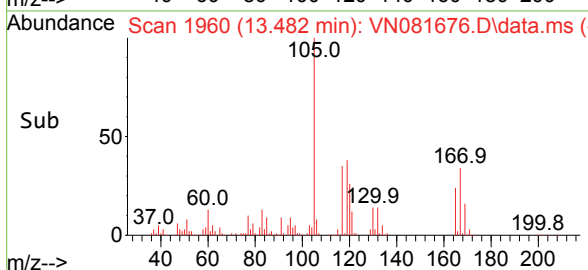
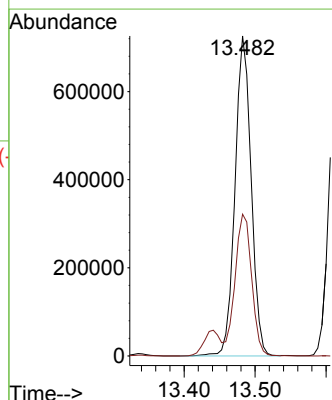
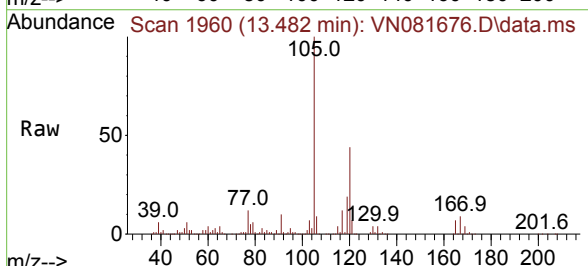
Acq: 08 Apr 2024 16:13

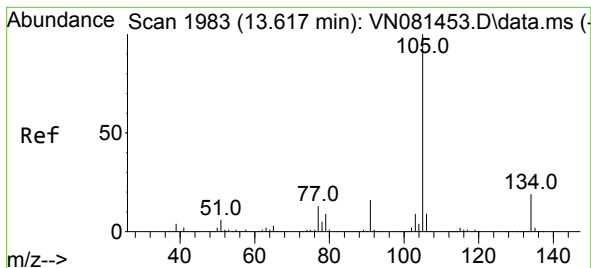
Tgt Ion:105 Resp: 1146176

Ion Ratio Lower Upper

105 100

120 46.0 20.9 62.7





#85

sec-Butylbenzene

Concen: 55.497 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN081676.D

Acq: 08 Apr 2024 16:13

Instrument :

MSVOA_N

ClientSampleId :

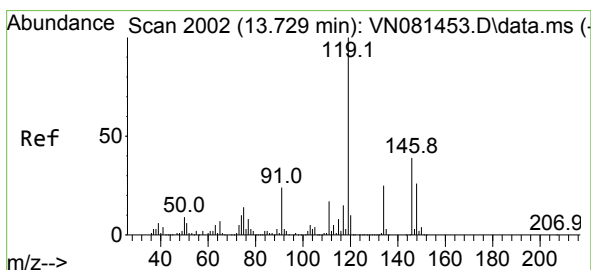
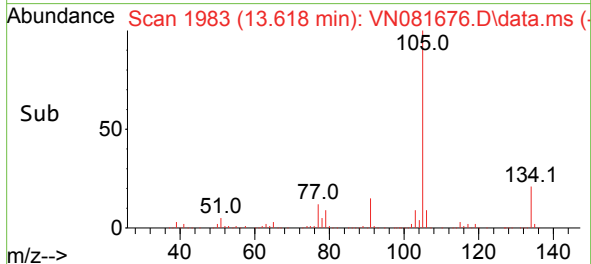
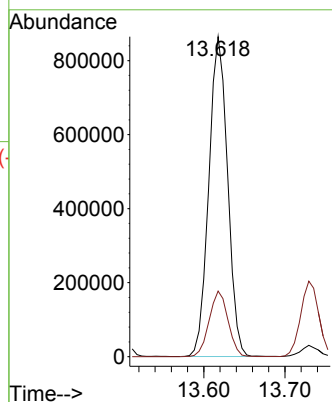
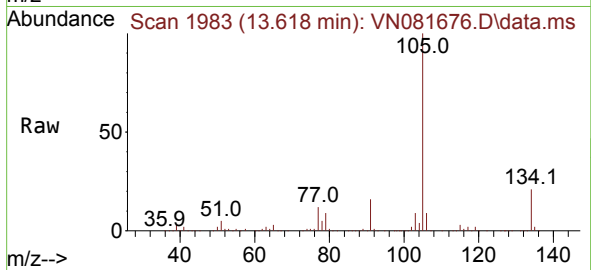
VSTDCCC050EC

Tgt Ion:105 Resp: 1387508

Ion Ratio Lower Upper

105 100

134 20.6 8.6 25.8



#86

p-Isopropyltoluene

Concen: 58.205 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN081676.D

Acq: 08 Apr 2024 16:13

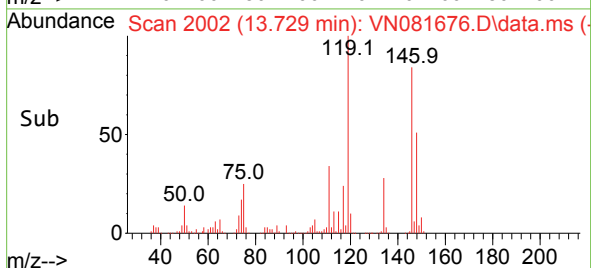
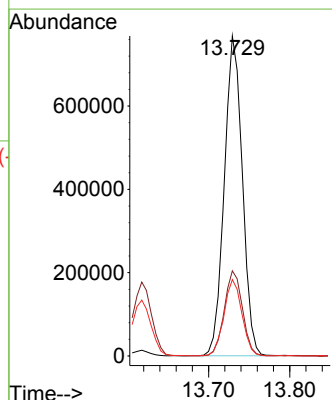
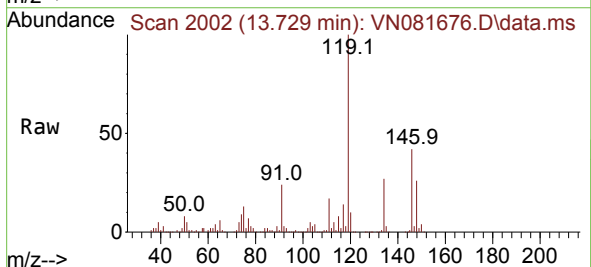
Tgt Ion:119 Resp: 1189567

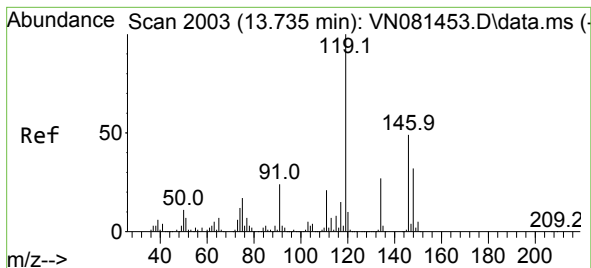
Ion Ratio Lower Upper

119 100

134 26.8 12.4 37.2

91 23.7 13.5 40.4





#87

1,3-Dichlorobenzene

Concen: 53.862 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN081676.D

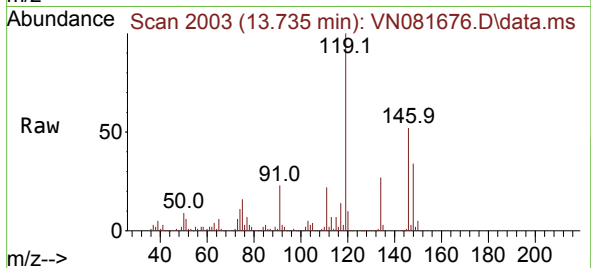
Acq: 08 Apr 2024 16:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



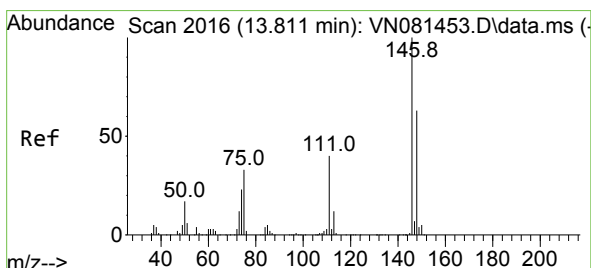
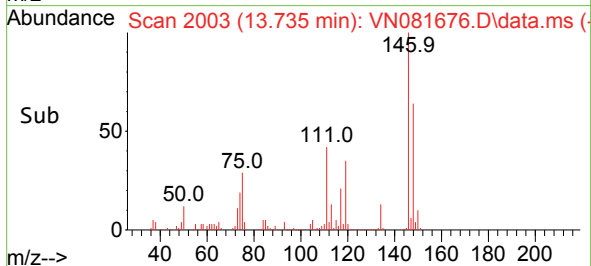
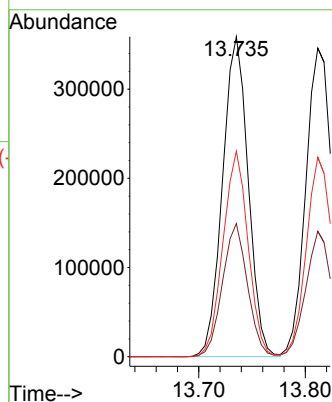
Tgt Ion:146 Resp: 600271

Ion Ratio Lower Upper

146 100

111 40.6 23.9 71.7

148 62.8 32.6 97.7



#88

1,4-Dichlorobenzene

Concen: 51.559 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN081676.D

Acq: 08 Apr 2024 16:13

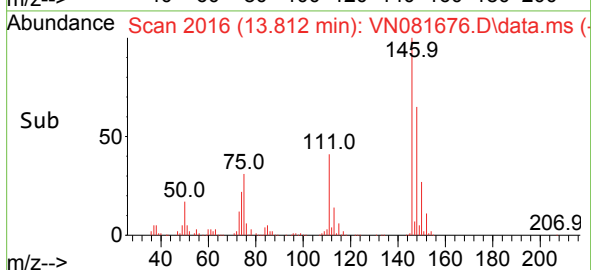
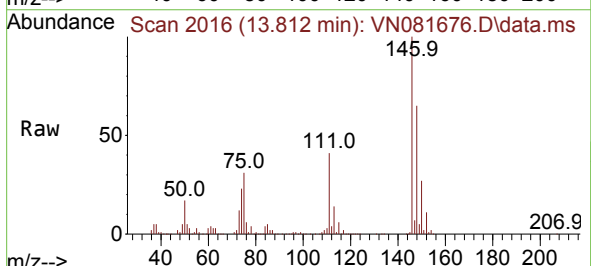
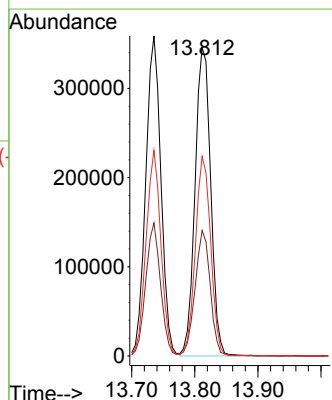
Tgt Ion:146 Resp: 594981

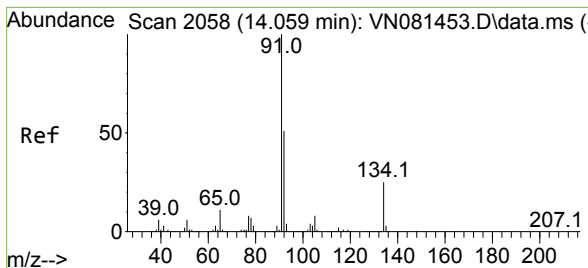
Ion Ratio Lower Upper

146 100

111 39.7 22.6 67.7

148 63.1 31.9 95.5





#89

n-Butylbenzene

Concen: 55.968 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081676.D

Acq: 08 Apr 2024 16:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

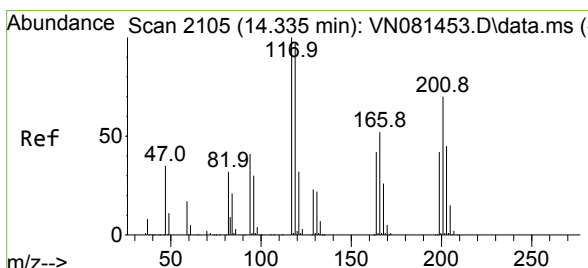
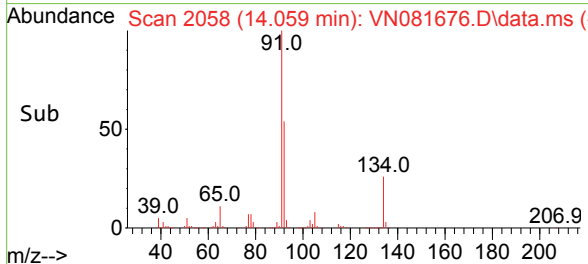
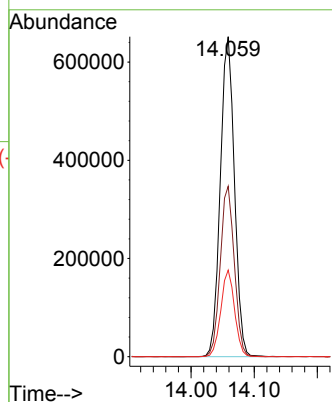
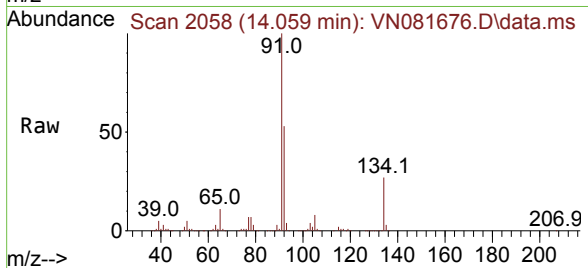
Tgt Ion: 91 Resp: 1014275

Ion Ratio Lower Upper

91 100

92 53.0 26.7 80.1

134 26.4 10.8 32.4



#90

Hexachloroethane

Concen: 54.451 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN081676.D

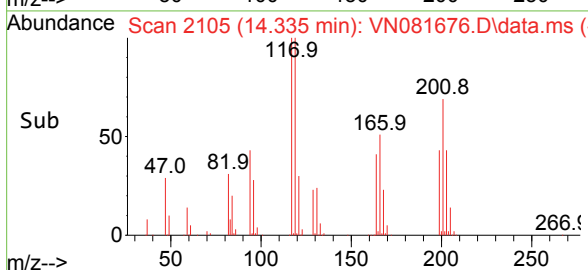
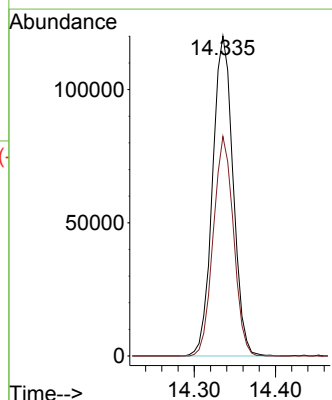
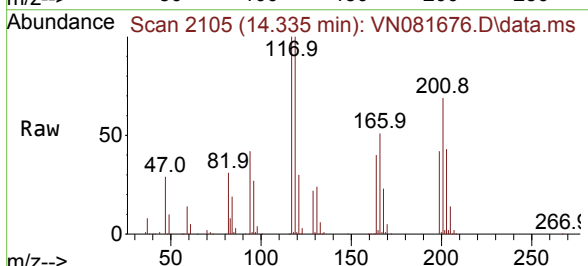
Acq: 08 Apr 2024 16:13

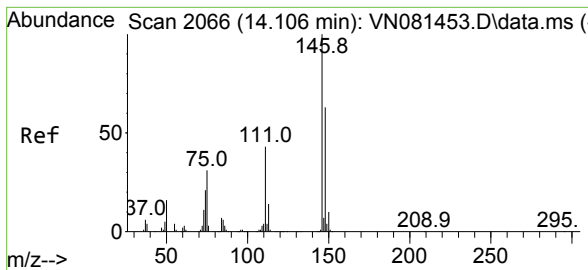
Tgt Ion: 117 Resp: 210754

Ion Ratio Lower Upper

117 100

201 67.5 30.0 90.0

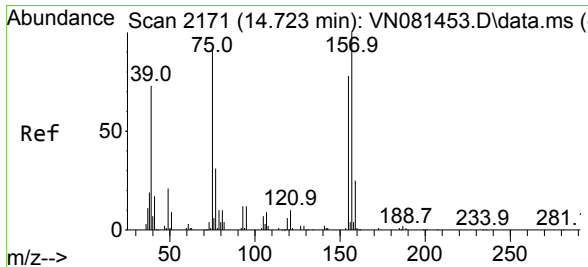
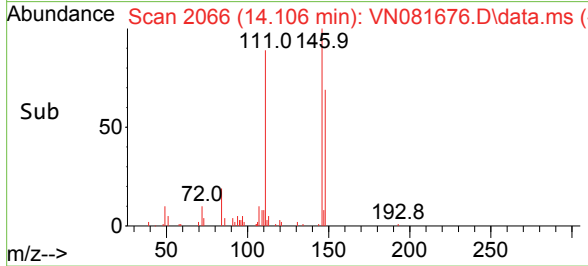
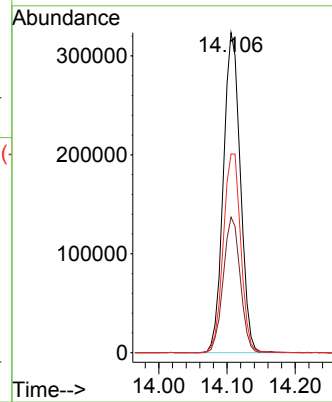
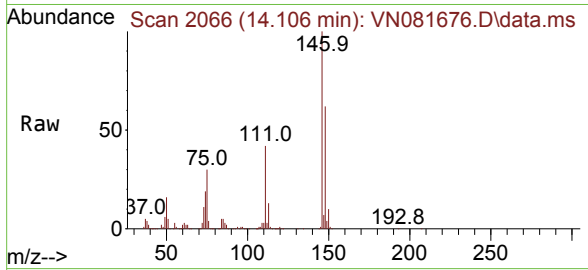




#91
 1,2-Dichlorobenzene
 Concen: 52.219 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: VN081676.D
 Acq: 08 Apr 2024 16:13

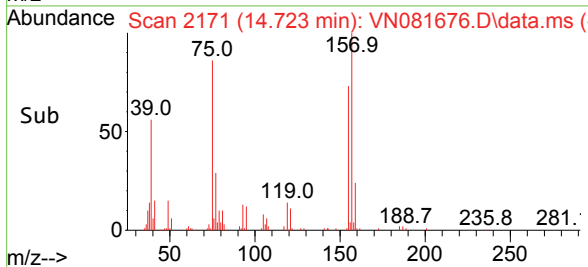
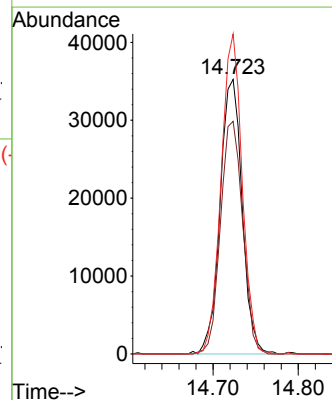
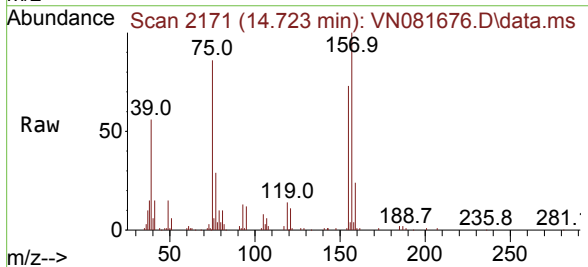
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

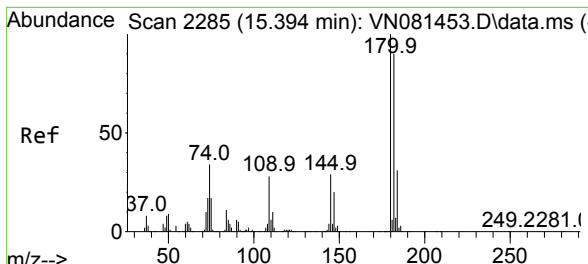
Tgt Ion:146 Resp: 560134
 Ion Ratio Lower Upper
 146 100
 111 42.5 23.9 71.8
 148 64.0 31.4 94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.152 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN081676.D
 Acq: 08 Apr 2024 16:13

Tgt Ion: 75 Resp: 63228
 Ion Ratio Lower Upper
 75 100
 155 85.4 31.8 95.4
 157 111.8 41.1 123.4

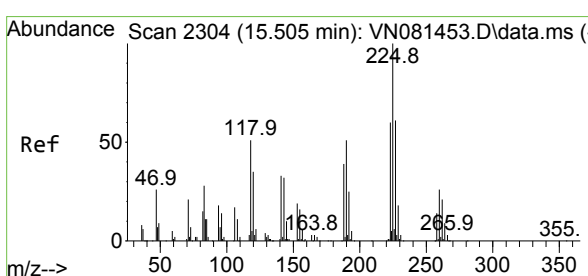
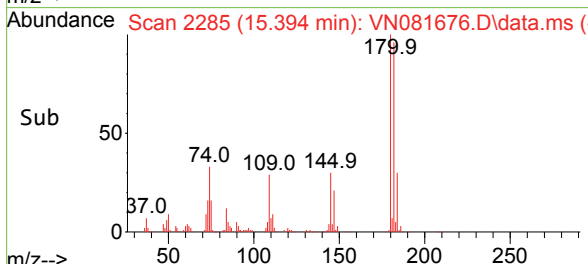
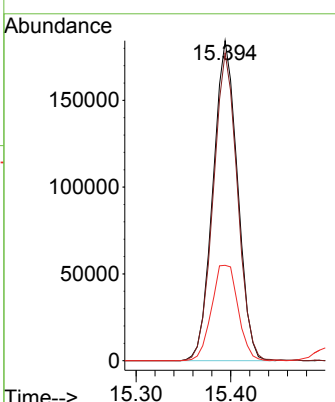
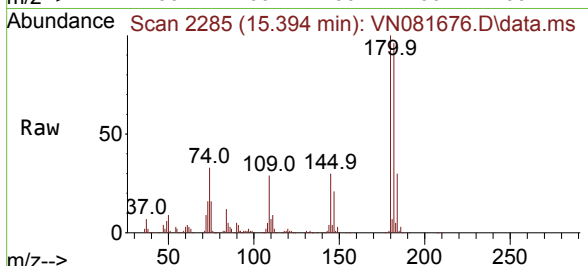




#93
 1,2,4-Trichlorobenzene
 Concen: 53.305 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN081676.D
 Acq: 08 Apr 2024 16:13

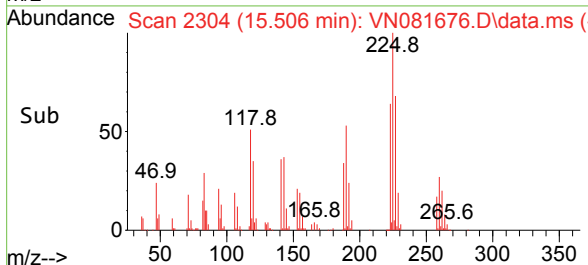
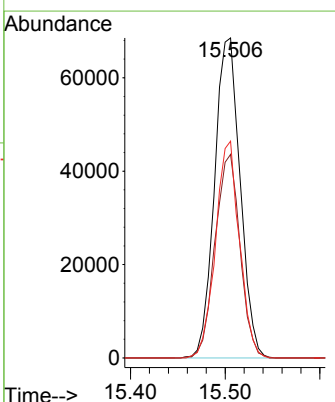
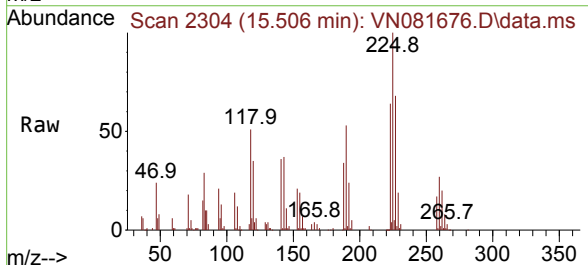
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

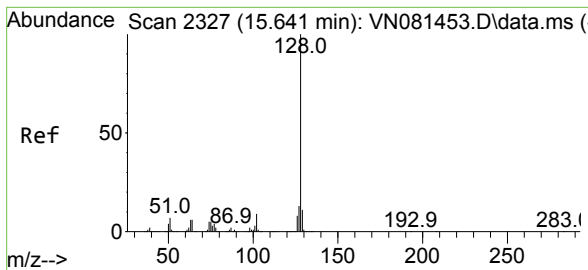
Tgt Ion:	180	Resp:	330610
Ion Ratio	Lower	Upper	
180	100		
182	95.4	46.6	139.7
145	32.3	16.8	50.3



#94
 Hexachlorobutadiene
 Concen: 47.246 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. 0.000 min
 Lab File: VN081676.D
 Acq: 08 Apr 2024 16:13

Tgt Ion:	225	Resp:	128571
Ion Ratio	Lower	Upper	
225	100		
223	62.2	33.3	99.8
227	63.5	33.1	99.2

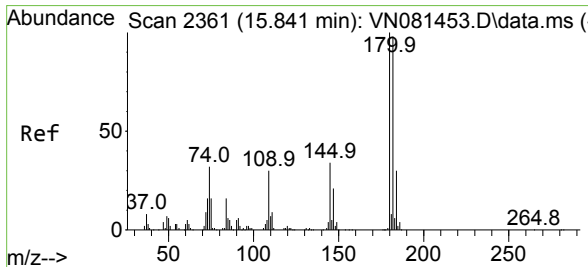
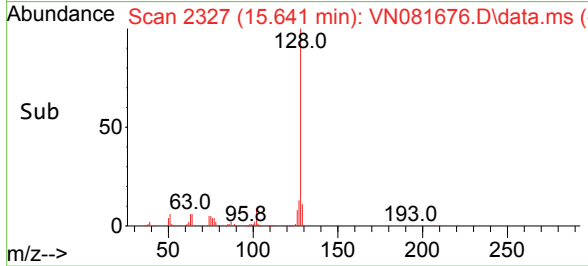
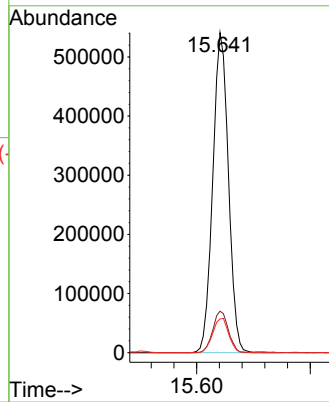
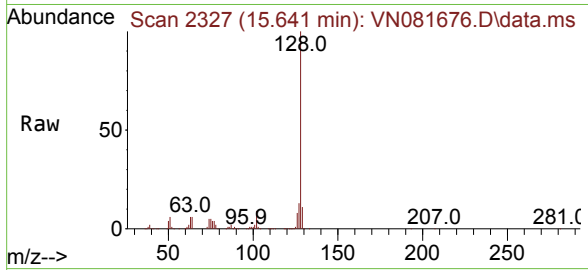




#95
Naphthalene
Concen: 51.344 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 1031867
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 52.456 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN081676.D
Acq: 08 Apr 2024 16:13

Tgt Ion:180 Resp: 327255
Ion Ratio Lower Upper
180 100
182 93.1 46.5 139.3
145 34.5 17.8 53.4

