

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031824\
 Data File : VN081451.D
 Acq On : 18 Mar 2024 15:24
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Mar 18 15:41:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	461875	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	763230	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	709779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	353157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	270427	40.494	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	80.980%
35) Dibromofluoromethane	8.165	113	234075	50.058	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.120%
50) Toluene-d8	10.571	98	861302	49.273	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.540%
62) 4-Bromofluorobenzene	12.853	95	311896	50.483	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	100.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	263459	43.030	ug/l	98
3) Chloromethane	2.359	50	230054	34.785	ug/l	96
4) Vinyl Chloride	2.512	62	315930	45.792	ug/l	97
5) Bromomethane	2.953	94	186149	40.398	ug/l	91
6) Chloroethane	3.118	64	189706	40.033	ug/l	97
7) Trichlorofluoromethane	3.495	101	426233	41.761	ug/l	94
8) Diethyl Ether	3.959	74	147277	40.957	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.371	101	251538	43.278	ug/l #	88
10) Methyl Iodide	4.589	142	267057	50.210	ug/l	96
11) Tert butyl alcohol	5.518	59	236150	202.229	ug/l	98
12) 1,1-Dichloroethene	4.342	96	219039	40.694	ug/l	87
13) Acrolein	4.183	56	169486	122.573	ug/l	100
14) Allyl chloride	5.018	41	284737	35.645	ug/l #	88
15) Acrylonitrile	5.718	53	571317	187.278	ug/l	98
16) Acetone	4.424	43	358387	151.466	ug/l	98
17) Carbon Disulfide	4.712	76	531967	34.628	ug/l	96
18) Methyl Acetate	5.024	43	294051	43.406	ug/l #	86
19) Methyl tert-butyl Ether	5.789	73	755349	41.377	ug/l	97
20) Methylene Chloride	5.277	84	255881	43.669	ug/l #	82
21) trans-1,2-Dichloroethene	5.789	96	240827	39.685	ug/l	94
22) Diisopropyl ether	6.671	45	704914	39.731	ug/l #	91
23) Vinyl Acetate	6.600	43	2693252	186.855	ug/l #	89
24) 1,1-Dichloroethane	6.571	63	444746	40.950	ug/l	96
25) 2-Butanone	7.483	43	667646	168.491	ug/l #	89
26) 2,2-Dichloropropane	7.488	77	411403	42.859	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	288837	41.981	ug/l	87
28) Bromochloromethane	7.812	49	193596	41.659	ug/l #	52
29) Tetrahydrofuran	7.836	42	464143	171.775	ug/l #	81
30) Chloroform	7.965	83	488221	43.318	ug/l	96
31) Cyclohexane	8.259	56	365115	36.112	ug/l #	76
32) 1,1,1-Trichloroethane	8.171	97	441570	44.324	ug/l	94
36) 1,1-Dichloropropene	8.371	75	342935	45.458	ug/l	95
37) Ethyl Acetate	7.559	43	287755	39.021	ug/l	98
38) Carbon Tetrachloride	8.365	117	385182	50.732	ug/l	98
39) Methylcyclohexane	9.600	83	397598	45.796	ug/l #	84
40) Benzene	8.606	78	1037123	46.058	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	166867	40.069	ug/l	92
42) 1,2-Dichloroethane	8.671	62	364085	45.858	ug/l	98
43) Isopropyl Acetate	8.688	43	501425	38.848	ug/l #	90
44) Trichloroethene	9.353	130	285772	50.319	ug/l	95
45) 1,2-Dichloropropane	9.624	63	259780	45.925	ug/l	94
46) Dibromomethane	9.712	93	191898	48.129	ug/l #	87
47) Bromodichloromethane	9.888	83	392466	50.704	ug/l #	96
48) Methyl methacrylate	9.682	41	240040	42.073	ug/l #	86
49) 1,4-Dioxane	9.694	88	105196	836.535	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	1549567	206.756	ug/l	91
52) Toluene	10.629	92	671672	49.379	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	415533	49.617	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	444279	49.141	ug/l	90
55) 1,1,2-Trichloroethane	11.018	97	271247	50.286	ug/l	95
56) Ethyl methacrylate	10.876	69	387013	49.966	ug/l #	85
57) 1,3-Dichloropropane	11.165	76	452477	48.063	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	632533	151.816	ug/l #	84
59) 2-Hexanone	11.200	43	1174351	209.597	ug/l	92
60) Dibromochloromethane	11.359	129	307517	55.356	ug/l	98
61) 1,2-Dibromoethane	11.471	107	278248	49.715	ug/l	97
64) Tetrachloroethene	11.106	164	285977	51.457	ug/l	89
65) Chlorobenzene	11.894	112	738403	49.369	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	282501	51.616	ug/l	96
67) Ethyl Benzene	11.965	91	1325185	49.186	ug/l	99
68) m/p-Xylenes	12.071	106	1007207	99.334	ug/l	97
69) o-Xylene	12.400	106	495280	50.401	ug/l	94
70) Styrene	12.412	104	841433	54.033	ug/l	95
71) Bromoform	12.582	173	211696	55.714	ug/l #	96
73) Isopropylbenzene	12.700	105	1308820	45.896	ug/l	97
74) N-amyl acetate	12.494	43	458129	38.287	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	360613	40.975	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	504346	60.462	ug/l	62
77) Bromobenzene	12.982	156	315450	46.655	ug/l	70
78) n-propylbenzene	13.035	91	1578257	46.791	ug/l	96
79) 2-Chlorotoluene	13.129	91	917505	44.502	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	1128474	47.871	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	137074	45.861	ug/l	88
82) 4-Chlorotoluene	13.223	91	920324	45.193	ug/l	93
83) tert-Butylbenzene	13.441	119	952235	47.117	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	1143068	47.860	ug/l	95
85) sec-Butylbenzene	13.617	105	1394789	47.706	ug/l	93
86) p-Isopropyltoluene	13.729	119	1181062	50.371	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	603071	47.236	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	585653	45.894	ug/l	96
89) n-Butylbenzene	14.059	91	1043820	48.545	ug/l	96
90) Hexachloroethane	14.335	117	208063	50.685	ug/l	90
91) 1,2-Dichlorobenzene	14.106	146	575203	46.958	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	76592	40.669	ug/l	72
93) 1,2,4-Trichlorobenzene	15.394	180	337848	51.599	ug/l	98
94) Hexachlorobutadiene	15.506	225	141387	52.259	ug/l	96
95) Naphthalene	15.641	128	1118639	48.014	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	343954	51.800	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed Mar 06 03:12:57 2024
Response via : Initial Calibration

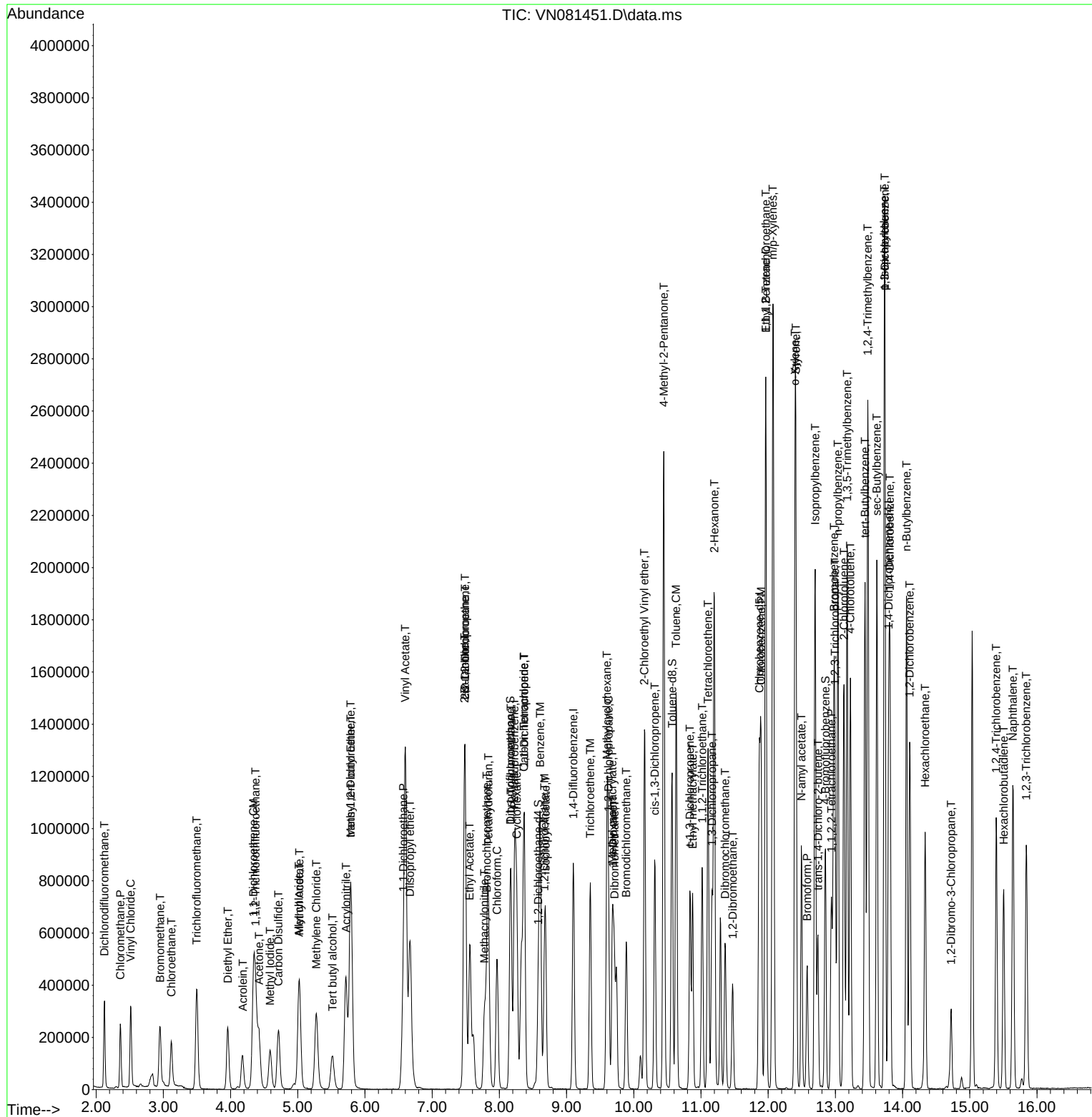
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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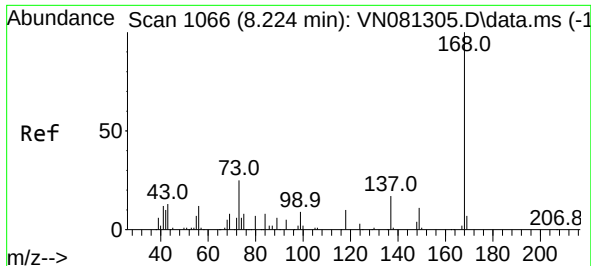
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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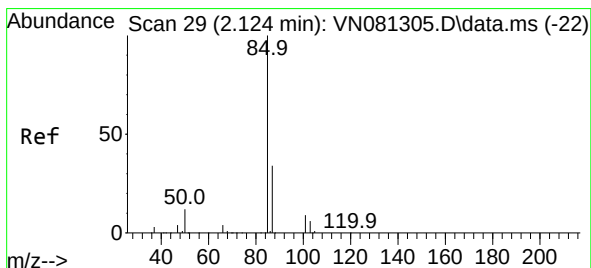
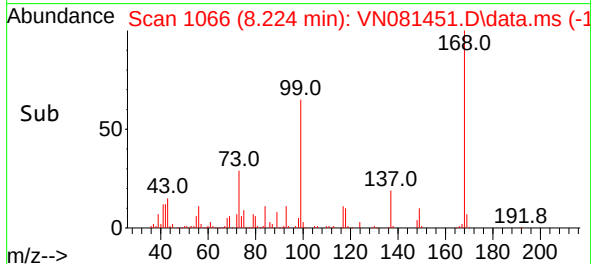
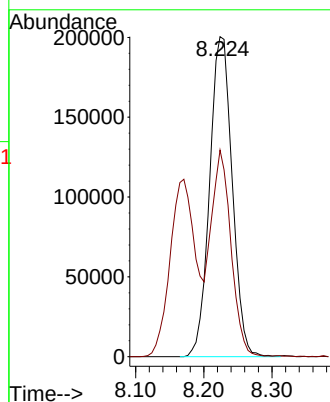
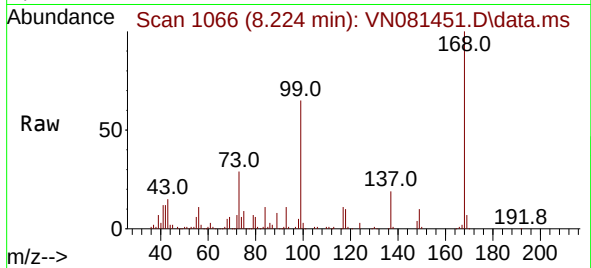




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081451.D
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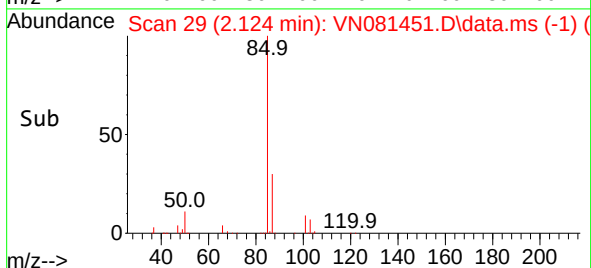
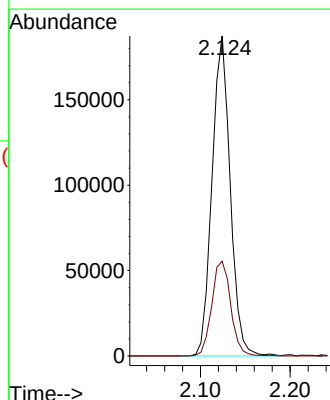
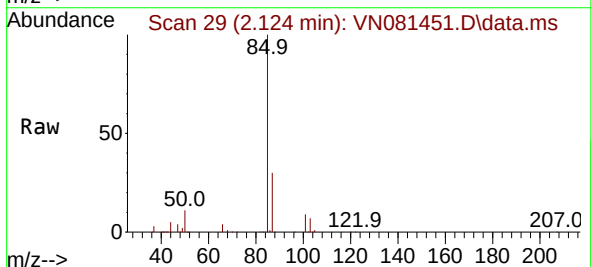
Instrument :
MSVOA_N
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VSTDCCC050

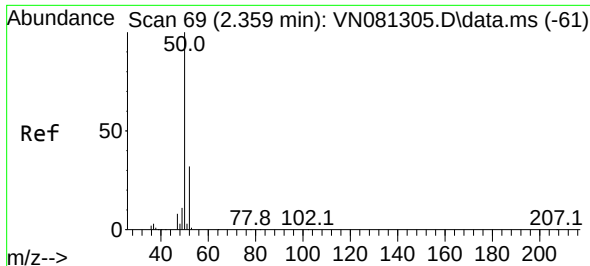
Tgt Ion:168 Resp: 461875
Ion Ratio Lower Upper
168 100
99 64.2 59.9 89.9



#2
Dichlorodifluoromethane
Concen: 43.030 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

Tgt Ion: 85 Resp: 263459
Ion Ratio Lower Upper
85 100
87 29.6 15.3 45.9

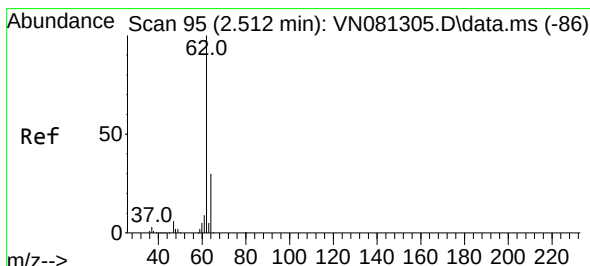
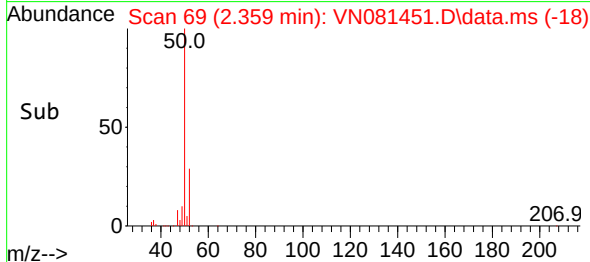
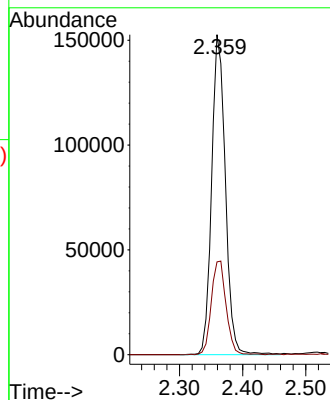
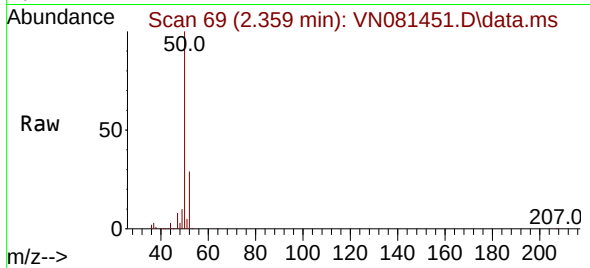




#3
Chloromethane
Concen: 34.785 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

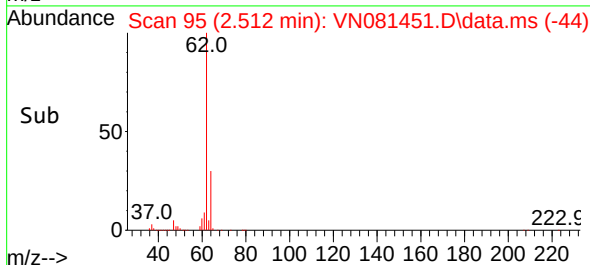
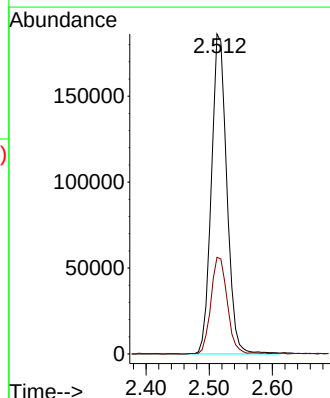
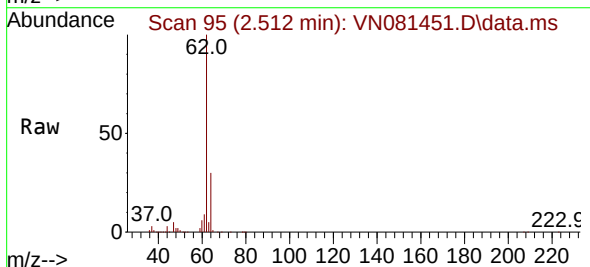
Instrument :
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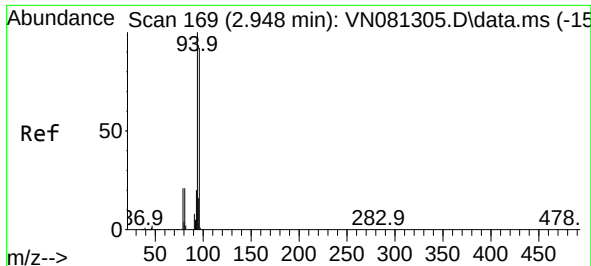
Tgt Ion: 50 Resp: 230054
Ion Ratio Lower Upper
50 100
52 29.0 25.0 37.4



#4
Vinyl Chloride
Concen: 45.792 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

Tgt Ion: 62 Resp: 315930
Ion Ratio Lower Upper
62 100
64 30.2 22.7 34.1

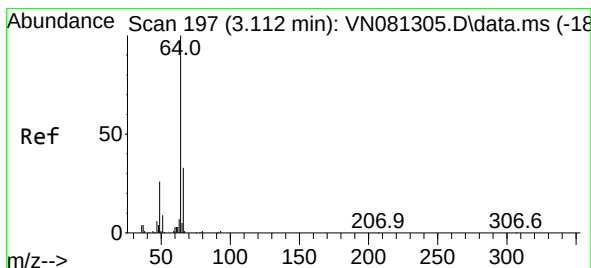
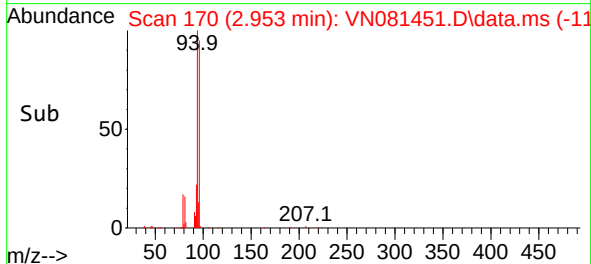
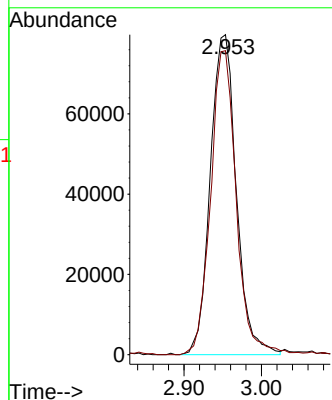
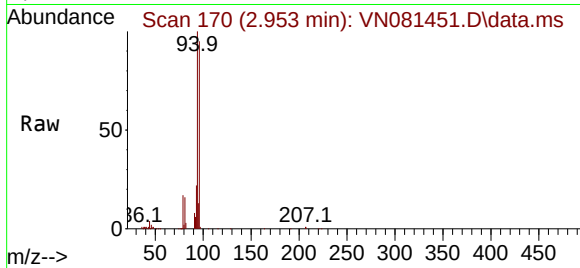




#5
Bromomethane
Concen: 40.398 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081451.D
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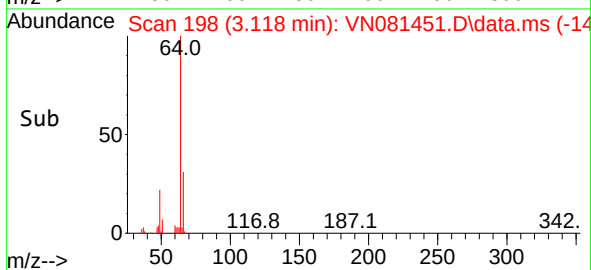
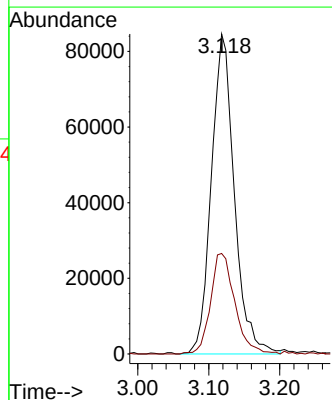
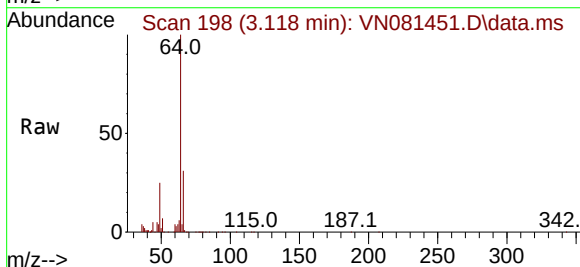
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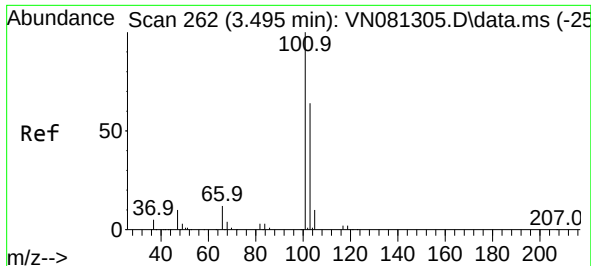
Tgt Ion: 94 Resp: 186149
Ion Ratio Lower Upper
94 100
96 95.0 69.2 103.8



#6
Chloroethane
Concen: 40.033 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

Tgt Ion: 64 Resp: 189706
Ion Ratio Lower Upper
64 100
66 31.4 26.4 39.6

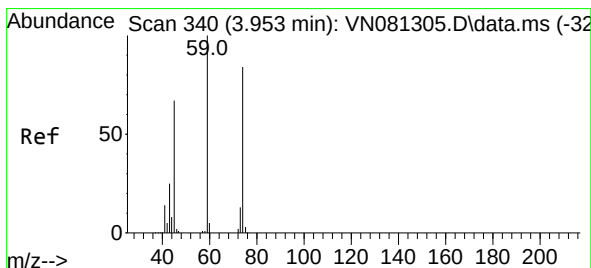
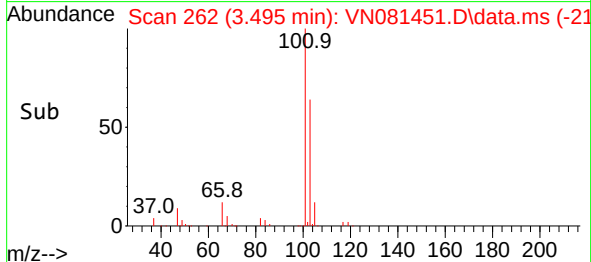
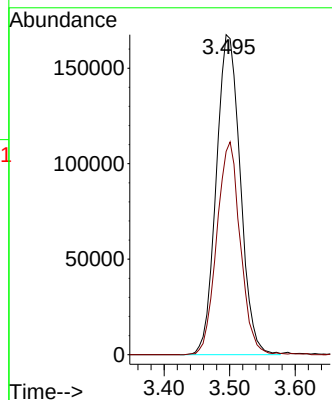
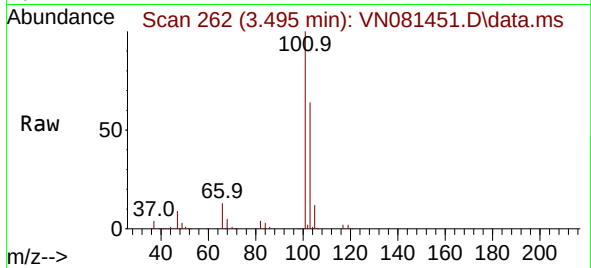




#7
Trichlorofluoromethane
Concen: 41.761 ug/l
RT: 3.495 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

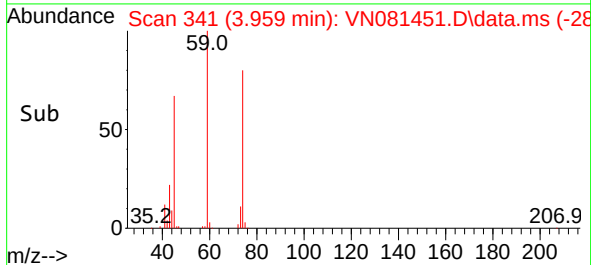
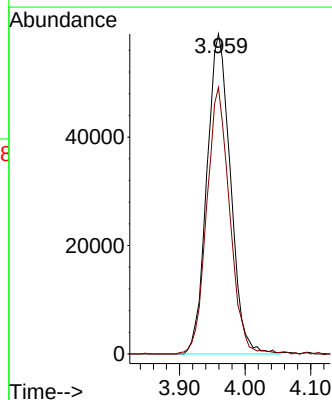
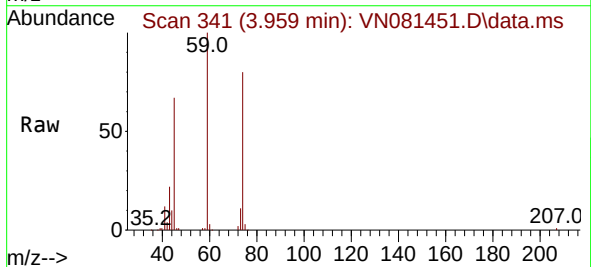
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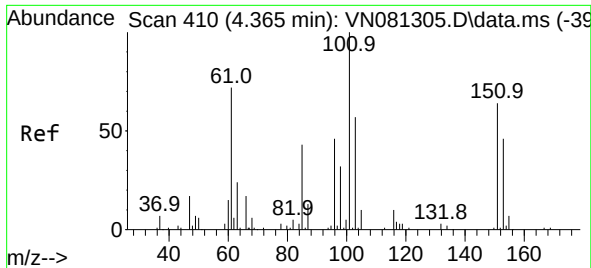
Tgt Ion:101 Resp: 426233
Ion Ratio Lower Upper
101 100
103 63.5 54.4 81.6



#8
Diethyl Ether
Concen: 40.957 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

Tgt Ion: 74 Resp: 147277
Ion Ratio Lower Upper
74 100
45 81.1 53.3 159.9

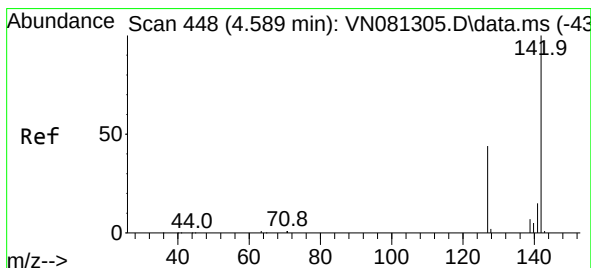
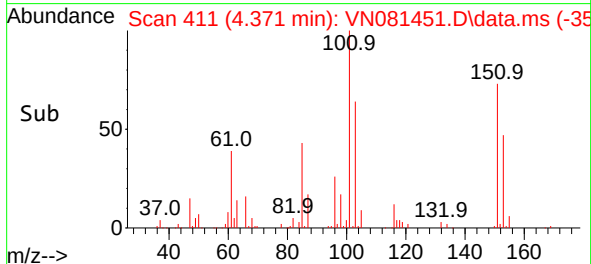
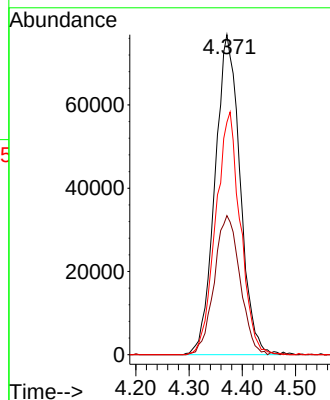
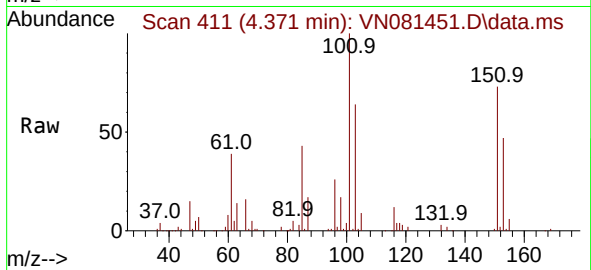




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.278 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

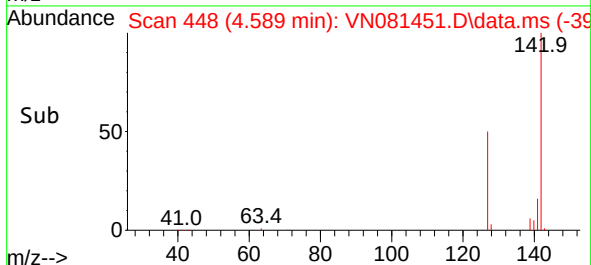
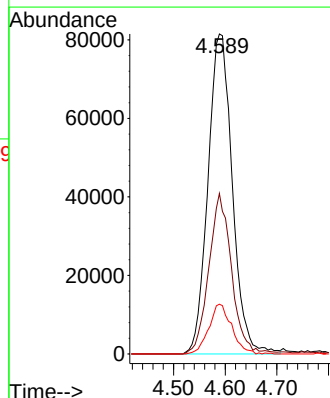
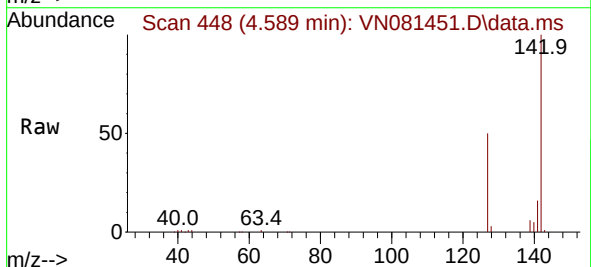
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

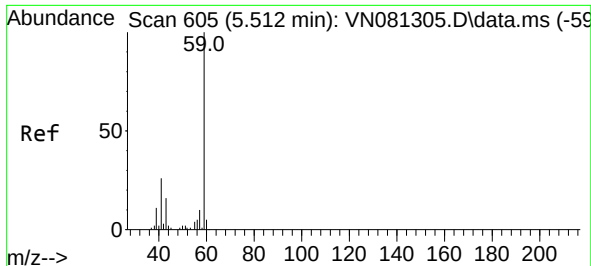
Tgt Ion:101 Resp: 251538
Ion Ratio Lower Upper
101 100
85 44.5 38.1 57.1
151 74.5 49.1 73.7#



#10
Methyl Iodide
Concen: 50.210 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

Tgt Ion:142 Resp: 267057
Ion Ratio Lower Upper
142 100
127 50.2 37.0 55.4
141 15.5 12.5 18.7

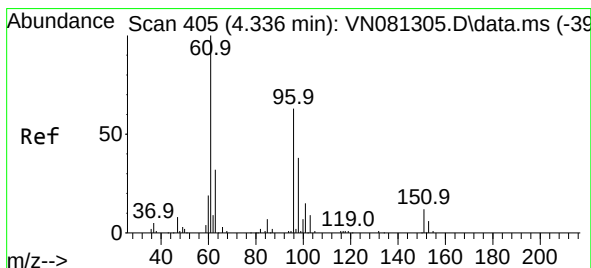
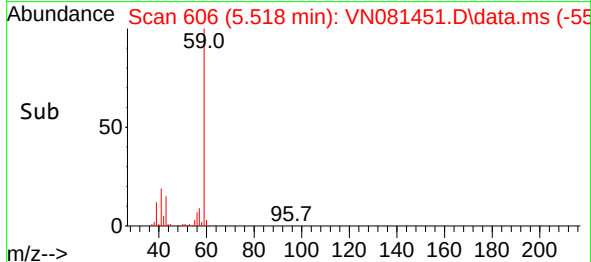
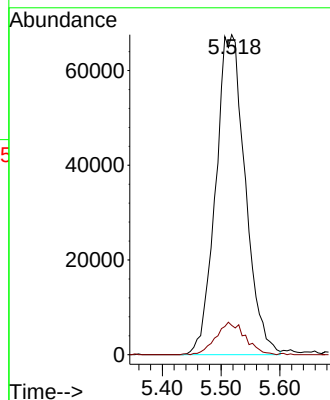
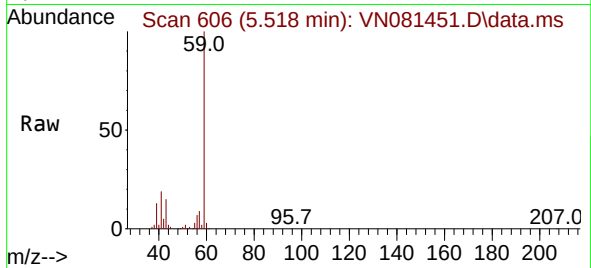




#11
Tert butyl alcohol
Concen: 202.229 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

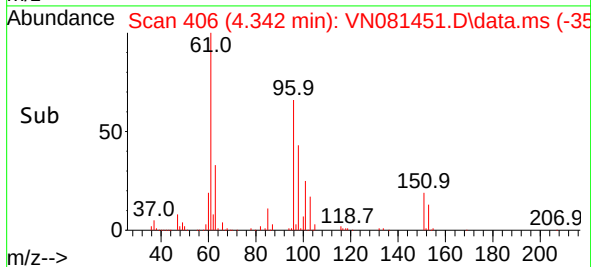
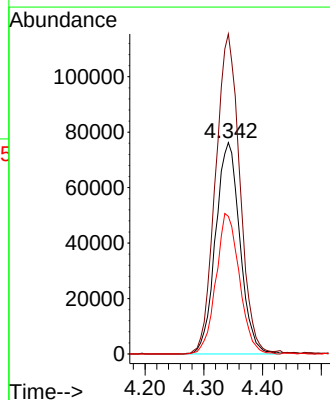
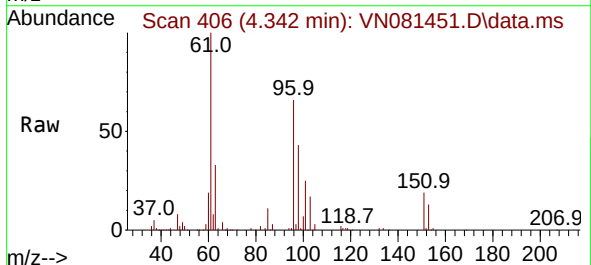
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

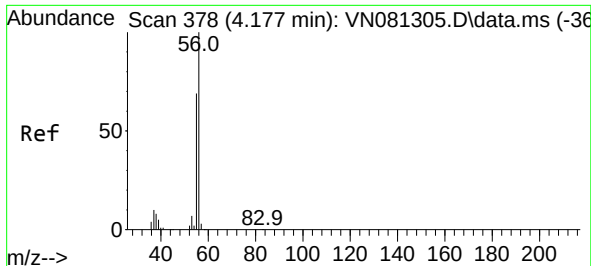
Tgt Ion: 59 Resp: 236150
Ion Ratio Lower Upper
59 100
57 10.1 8.6 12.8



#12
1,1-Dichloroethene
Concen: 40.694 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

Tgt Ion: 96 Resp: 219039
Ion Ratio Lower Upper
96 100
61 151.4 138.2 207.4
98 65.1 49.2 73.8





#13

Acrolein

Concen: 122.573 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN081451.D

Acq: 18 Mar 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

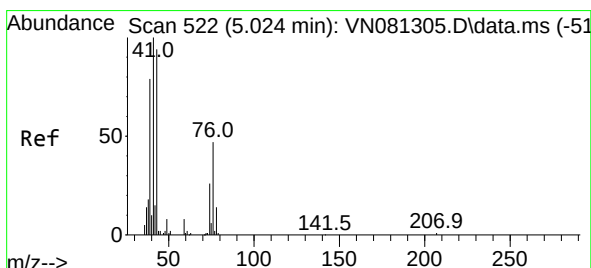
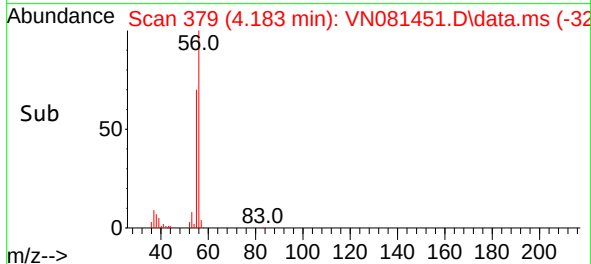
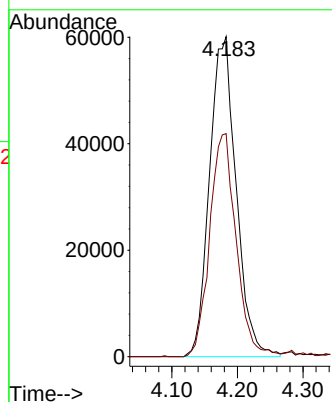
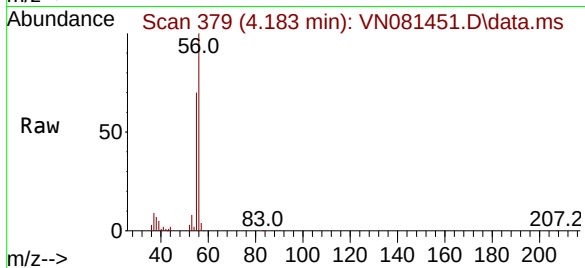
VSTDCCC050

Tgt Ion: 56 Resp: 169486

Ion Ratio Lower Upper

56 100

55 69.2 55.3 82.9



#14

Allyl chloride

Concen: 35.645 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.006 min

Lab File: VN081451.D

Acq: 18 Mar 2024 15:24

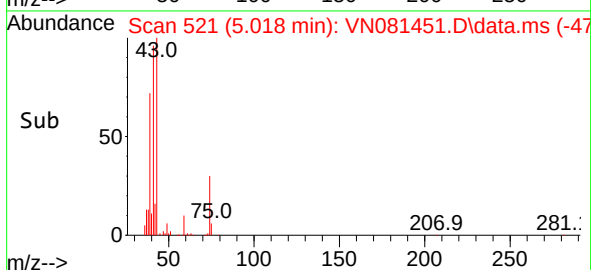
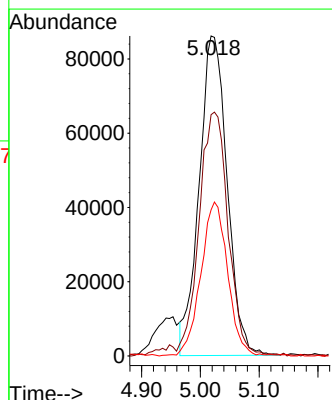
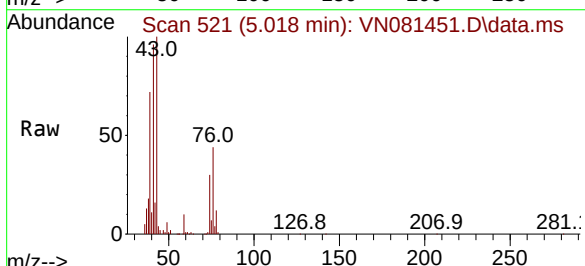
Tgt Ion: 41 Resp: 284737

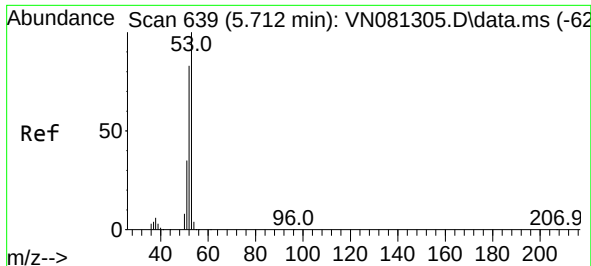
Ion Ratio Lower Upper

41 100

39 77.9 57.7 86.5

76 46.4 26.8 40.2#

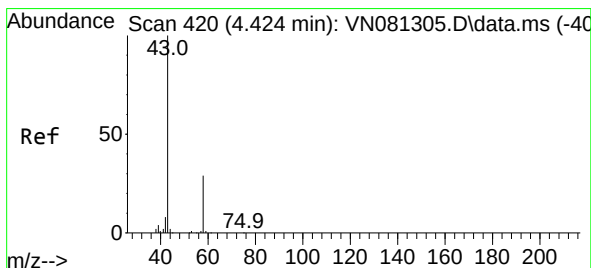
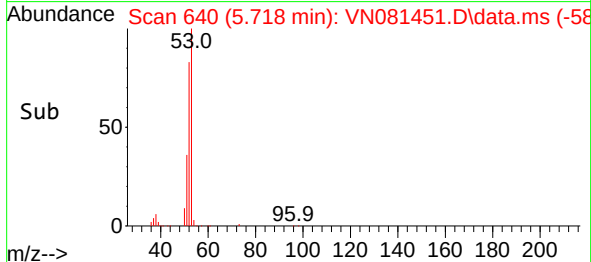
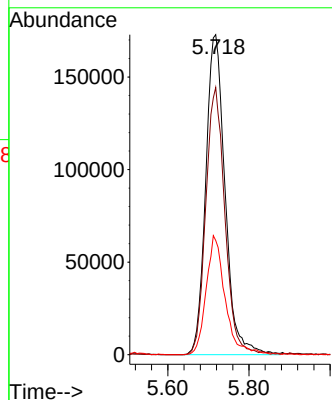
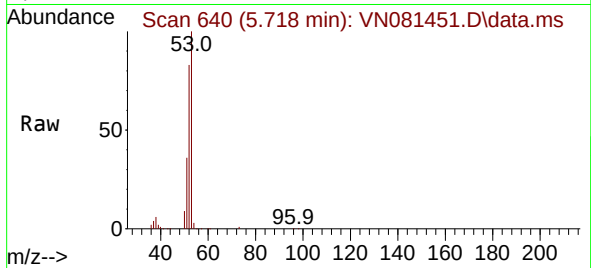




#15
Acrylonitrile
Concen: 187.278 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

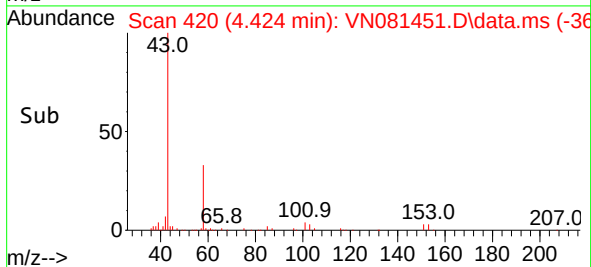
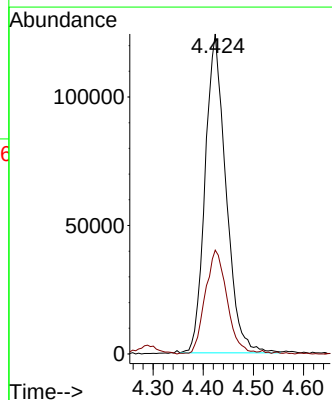
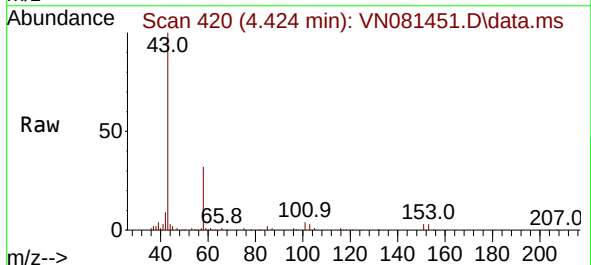
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

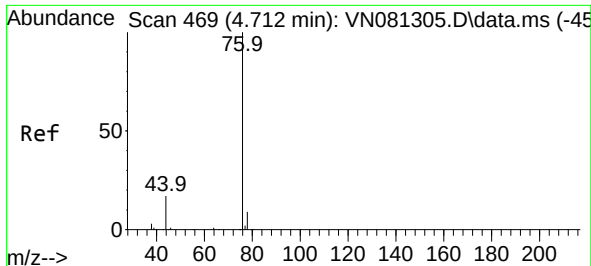
Tgt Ion: 53 Resp: 571317
Ion Ratio Lower Upper
53 100
52 82.2 64.8 97.2
51 36.5 26.9 40.3



#16
Acetone
Concen: 151.466 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

Tgt Ion: 43 Resp: 358387
Ion Ratio Lower Upper
43 100
58 32.3 24.8 37.2

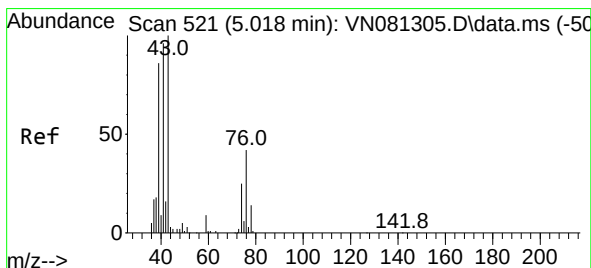
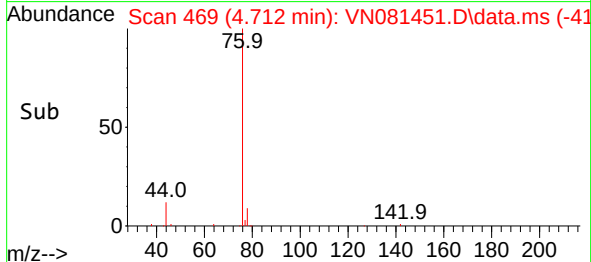
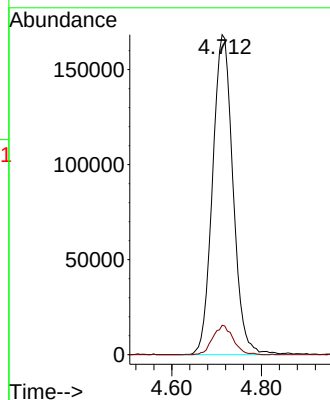
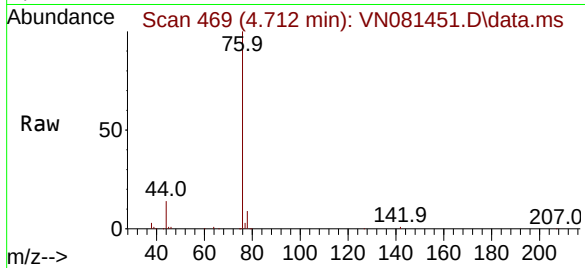




#17
Carbon Disulfide
Concen: 34.628 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

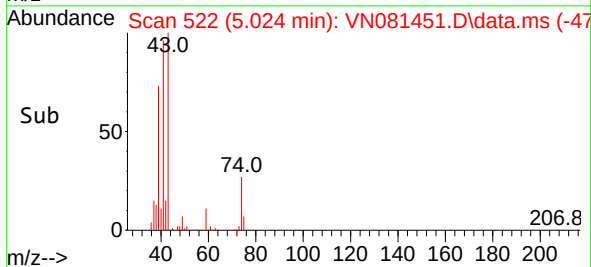
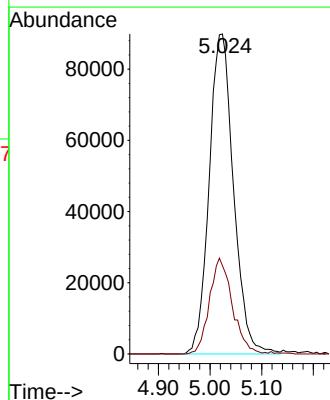
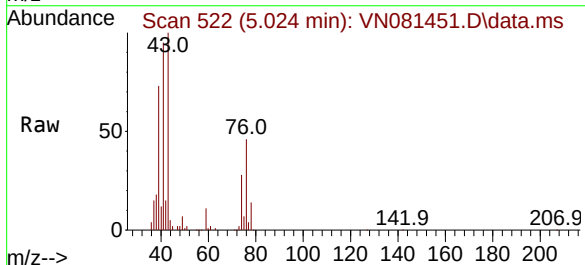
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

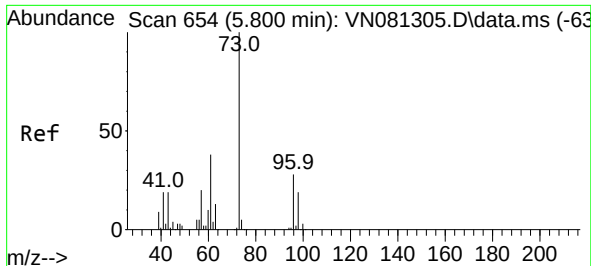
Tgt Ion: 76 Resp: 531967
Ion Ratio Lower Upper
76 100
78 9.2 6.3 9.5



#18
Methyl Acetate
Concen: 43.406 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

Tgt Ion: 43 Resp: 294051
Ion Ratio Lower Upper
43 100
74 28.1 17.3 25.9#

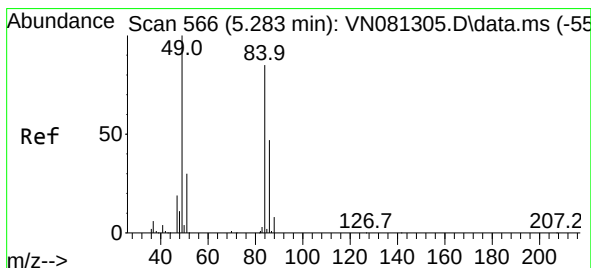
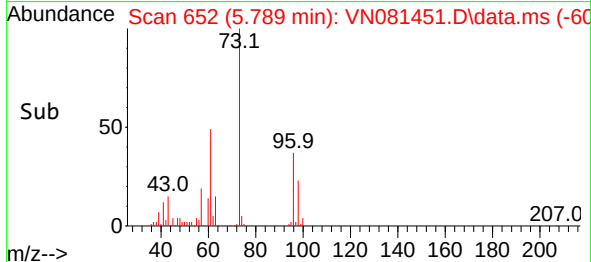
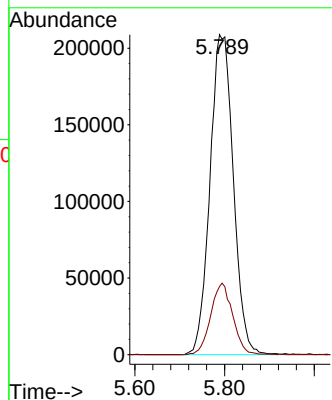
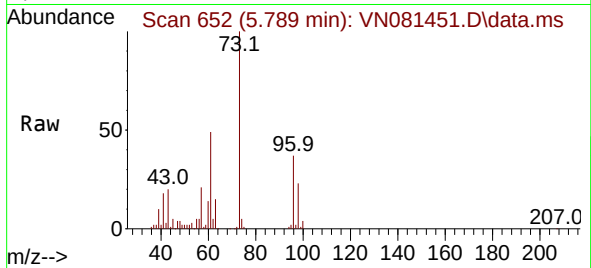




#19
Methyl tert-butyl Ether
Concen: 41.377 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

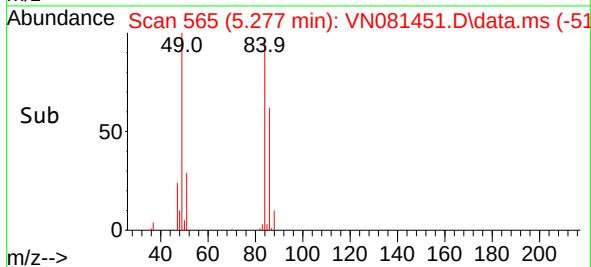
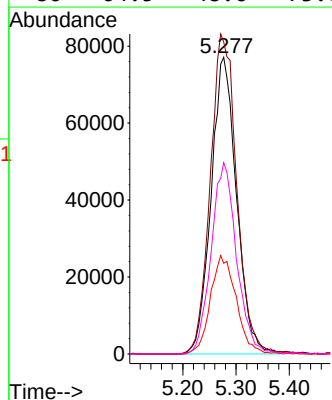
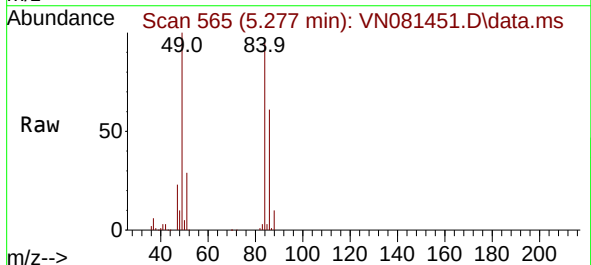
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

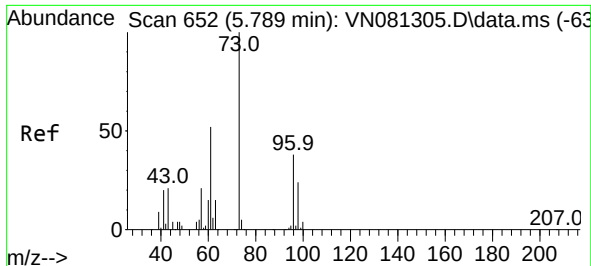
Tgt Ion: 73 Resp: 755349
Ion Ratio Lower Upper
73 100
57 21.3 18.2 27.4



#20
Methylene Chloride
Concen: 43.669 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

Tgt Ion: 84 Resp: 255881
Ion Ratio Lower Upper
84 100
49 105.1 108.1 162.1#
51 30.6 32.9 49.3#
86 64.5 48.6 73.0

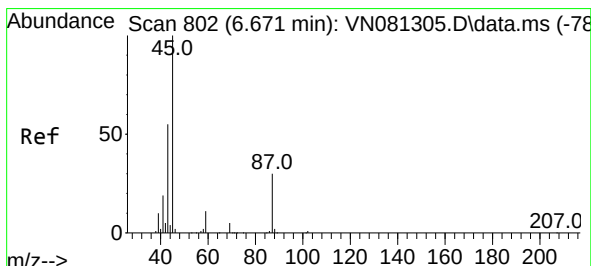
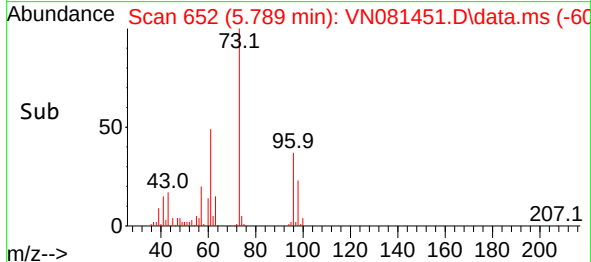
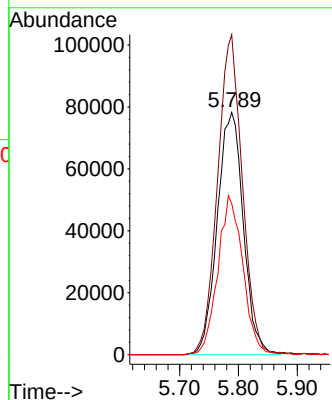
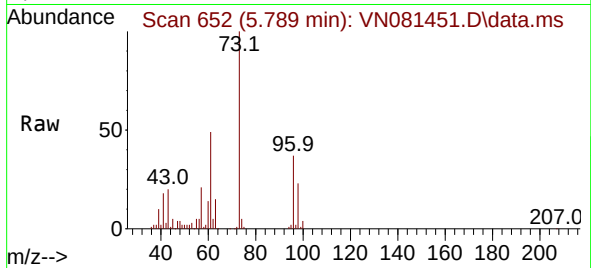




#21
trans-1,2-Dichloroethene
Concen: 39.685 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

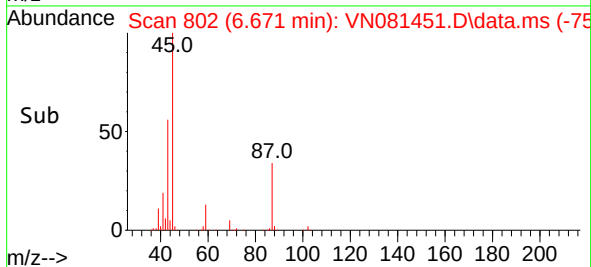
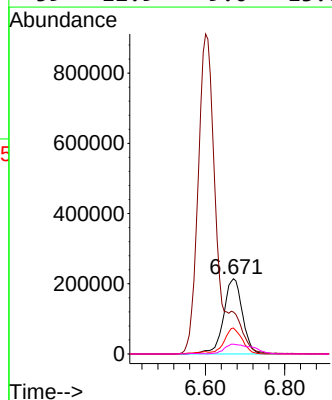
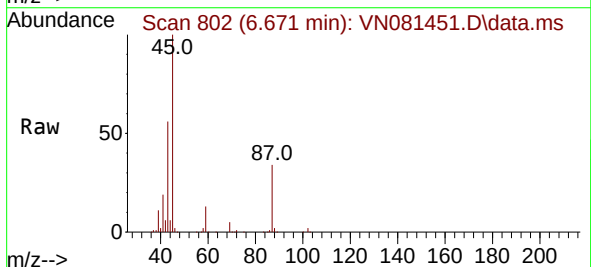
Instrument :
MSVOA_N
ClientSampleId :
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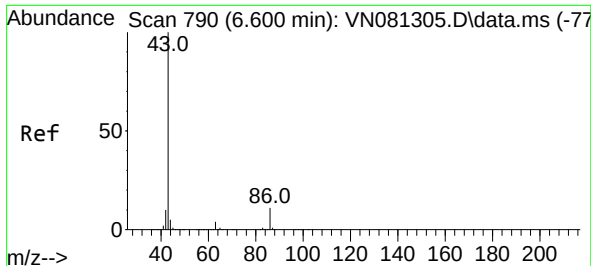
Tgt Ion: 96 Resp: 240827
Ion Ratio Lower Upper
96 100
61 132.1 112.8 169.2
98 62.3 51.0 76.4



#22
Diisopropyl ether
Concen: 39.731 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

Tgt Ion: 45 Resp: 704914
Ion Ratio Lower Upper
45 100
43 55.2 41.8 62.8
87 34.4 18.1 27.1#
59 12.9 9.0 13.6

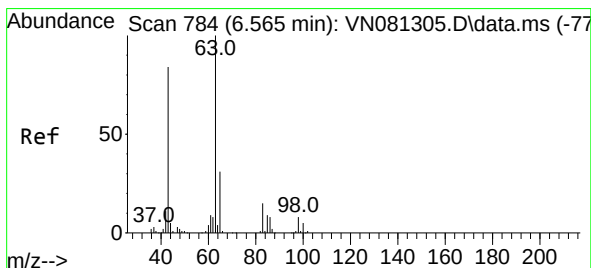
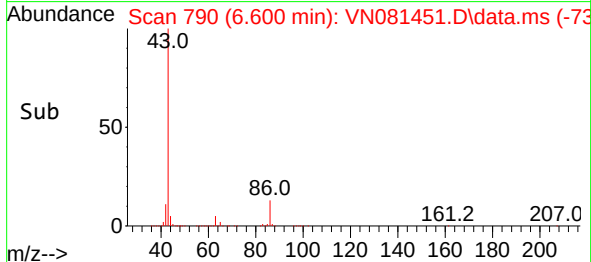
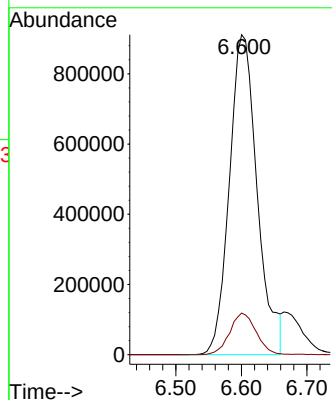
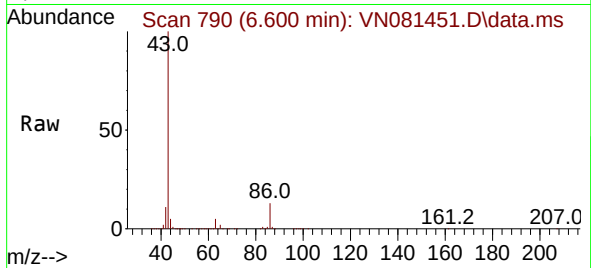




#23
 Vinyl Acetate
 Concen: 186.855 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081451.D
 Acq: 18 Mar 2024 15:24

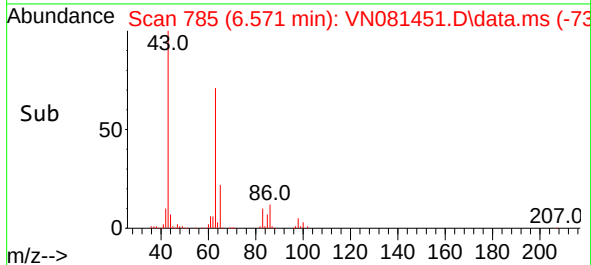
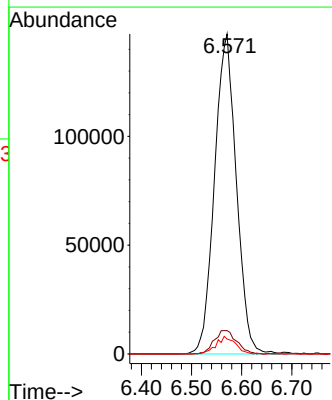
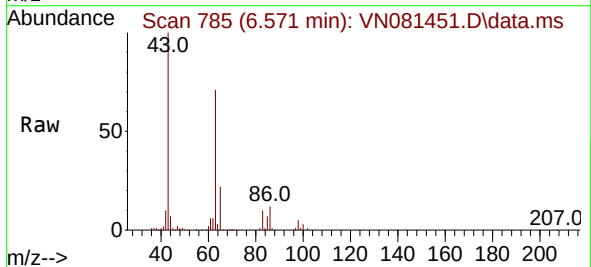
Instrument :
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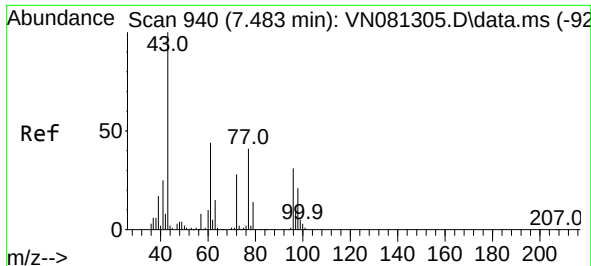
Tgt Ion: 43 Resp: 2693252
 Ion Ratio Lower Upper
 43 100
 86 13.0 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 40.950 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN081451.D
 Acq: 18 Mar 2024 15:24

Tgt Ion: 63 Resp: 444746
 Ion Ratio Lower Upper
 63 100
 98 7.3 2.9 8.6
 100 4.7 1.9 5.7

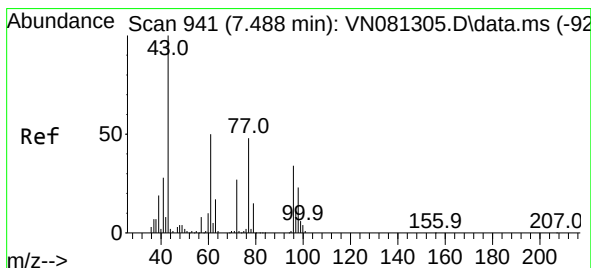
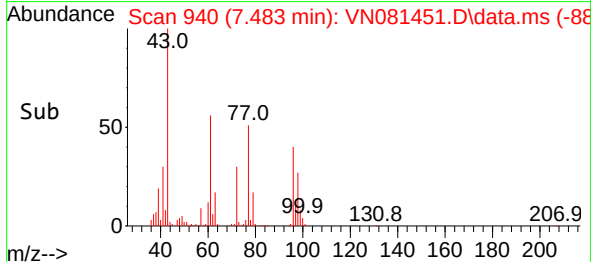
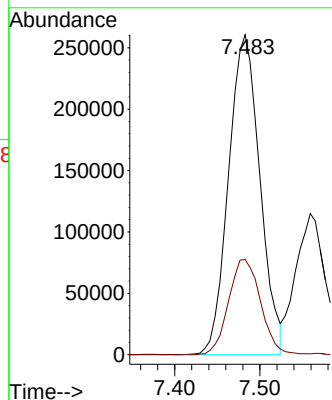
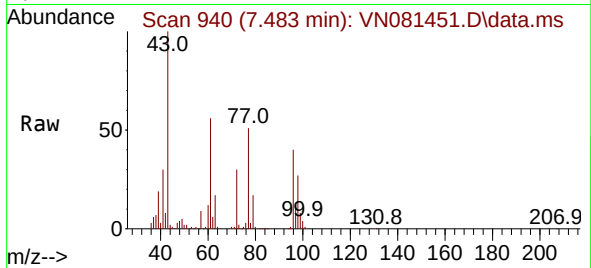




#25
2-Butanone
Concen: 168.491 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

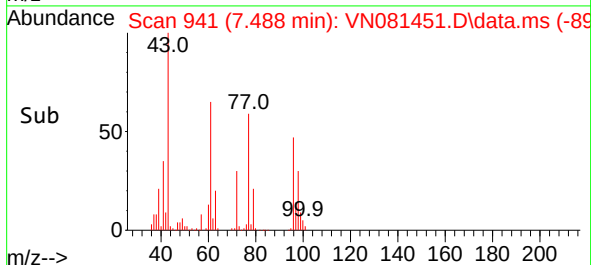
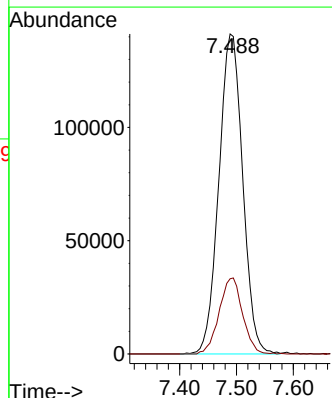
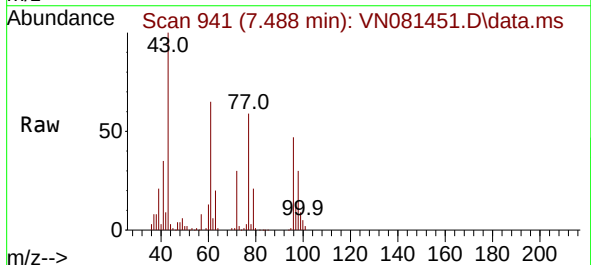
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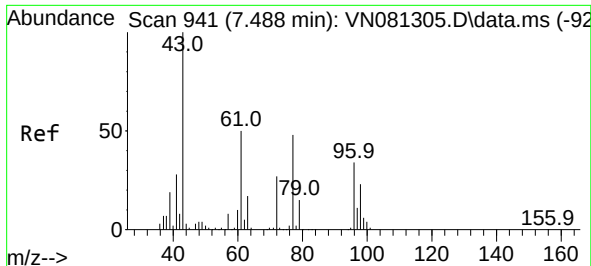
Tgt Ion: 43 Resp: 667646
Ion Ratio Lower Upper
43 100
72 29.8 19.5 29.3#



#26
2,2-Dichloropropane
Concen: 42.859 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

Tgt Ion: 77 Resp: 411403
Ion Ratio Lower Upper
77 100
97 23.4 11.5 34.5

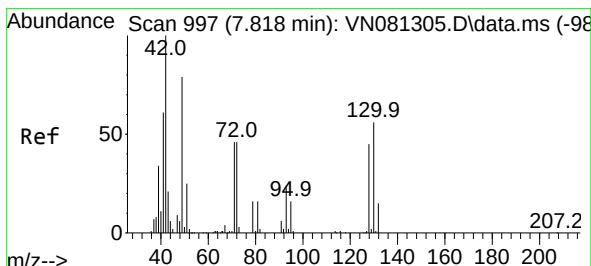
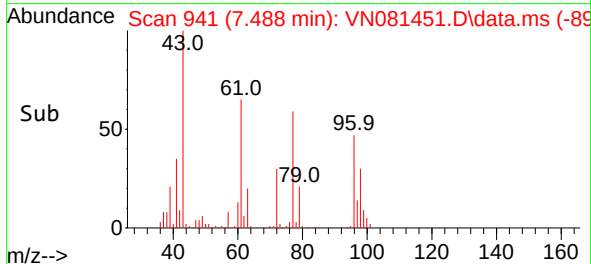
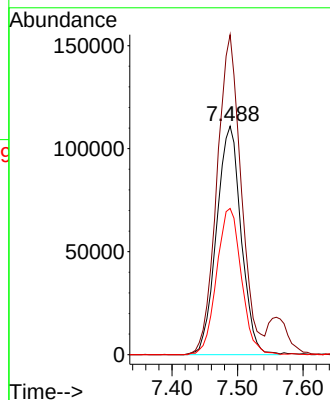
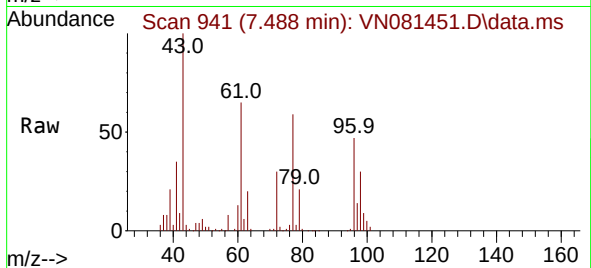




#27
 cis-1,2-Dichloroethene
 Concen: 41.981 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN081451.D
 Acq: 18 Mar 2024 15:24

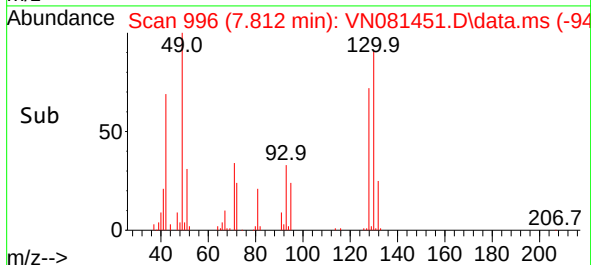
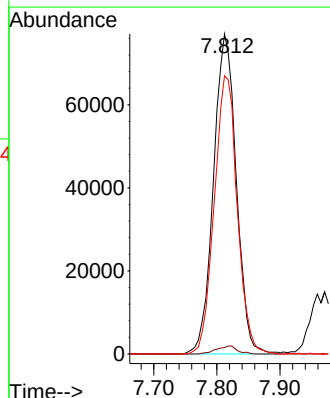
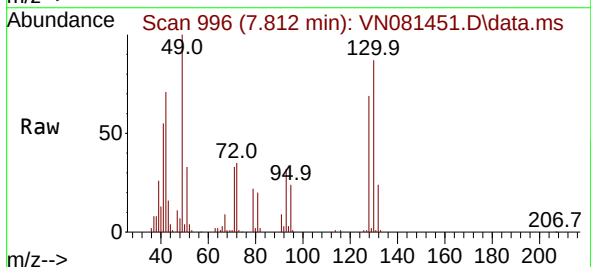
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

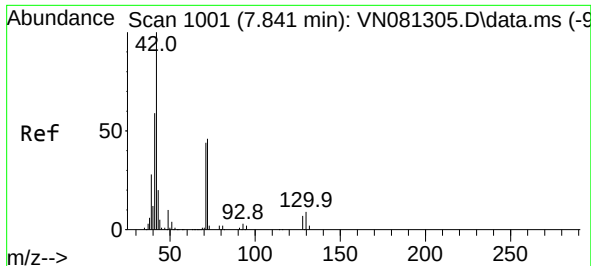
Tgt Ion: 96 Resp: 288837
 Ion Ratio Lower Upper
 96 100
 61 138.5 0.0 325.4
 98 64.4 0.0 130.4



#28
 Bromochloromethane
 Concen: 41.659 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN081451.D
 Acq: 18 Mar 2024 15:24

Tgt Ion: 49 Resp: 193596
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 1.6#
 130 87.5 42.3 63.5#





#29

Tetrahydrofuran

Concen: 171.775 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VN081451.D

Acq: 18 Mar 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

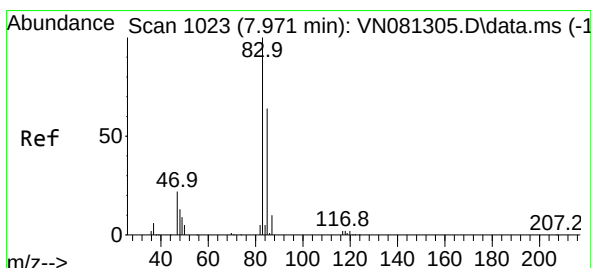
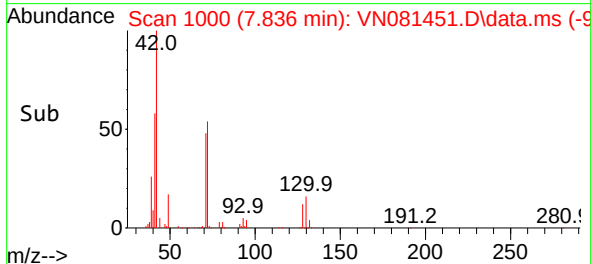
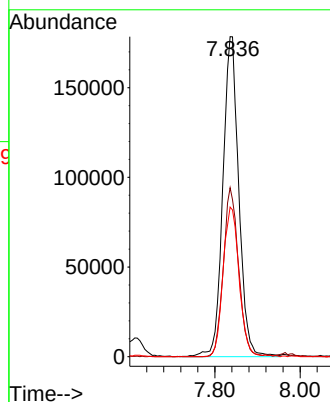
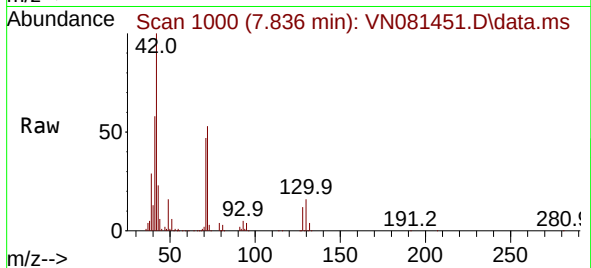
Tgt Ion: 42 Resp: 464143

Ion Ratio Lower Upper

42 100

72 50.2 31.1 46.7#

71 47.0 28.3 42.5#



#30

Chloroform

Concen: 43.318 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN081451.D

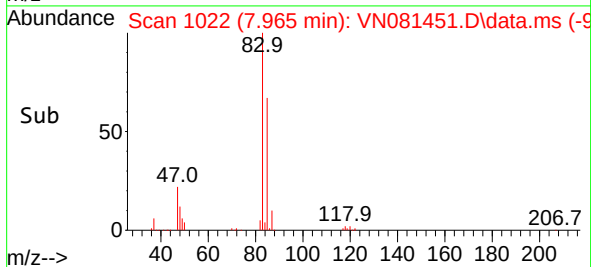
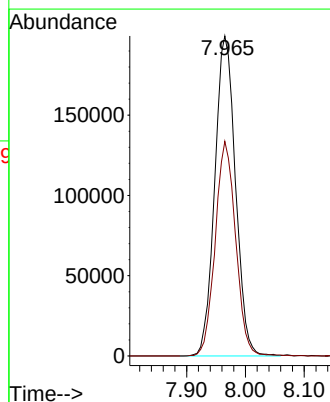
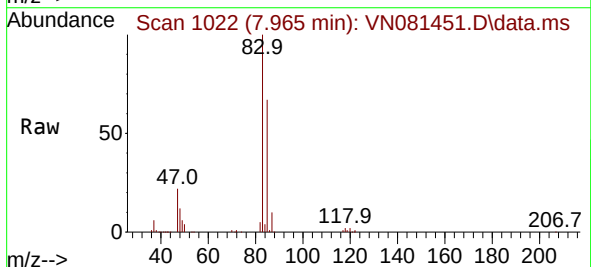
Acq: 18 Mar 2024 15:24

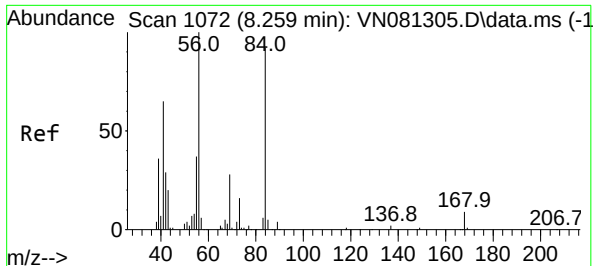
Tgt Ion: 83 Resp: 488221

Ion Ratio Lower Upper

83 100

85 67.1 51.0 76.6

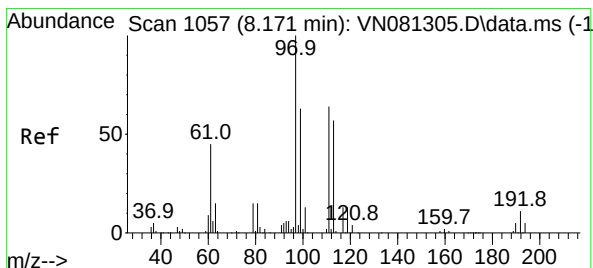
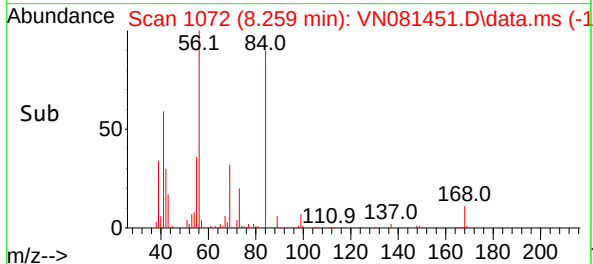
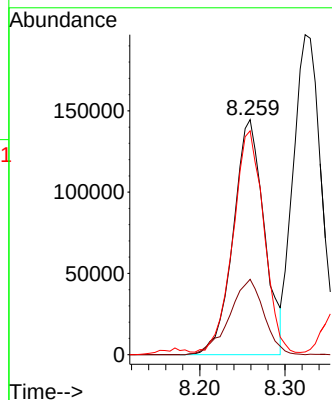
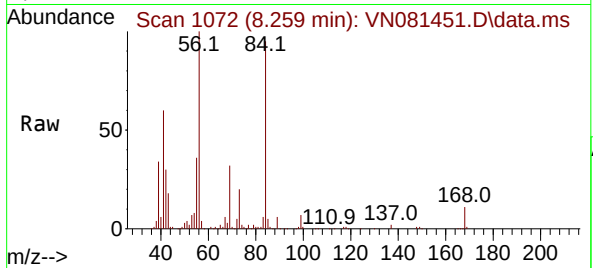




#31
Cyclohexane
Concen: 36.112 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

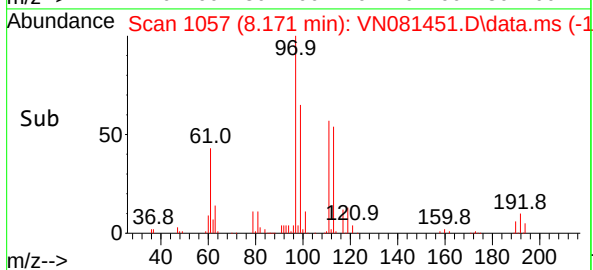
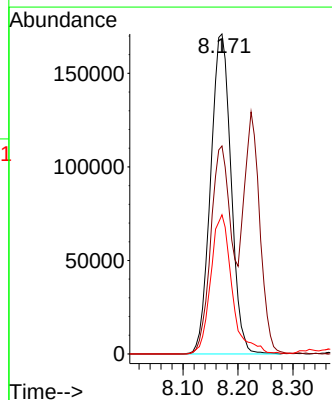
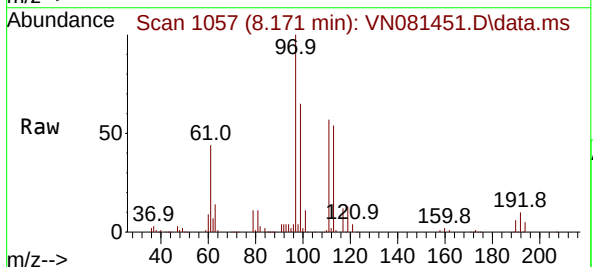
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

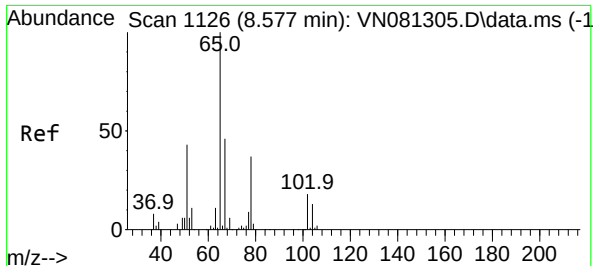
Tgt Ion: 56 Resp: 365115
Ion Ratio Lower Upper
56 100
69 32.0 20.1 30.1#
84 93.4 56.9 85.3#



#32
1,1,1-Trichloroethane
Concen: 44.324 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

Tgt Ion: 97 Resp: 441570
Ion Ratio Lower Upper
97 100
99 66.5 53.4 80.0
61 45.5 43.8 65.8

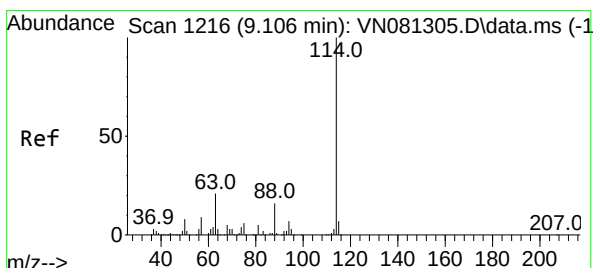
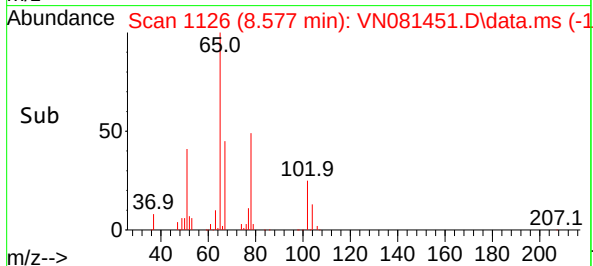
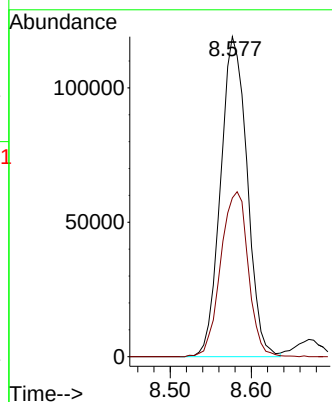
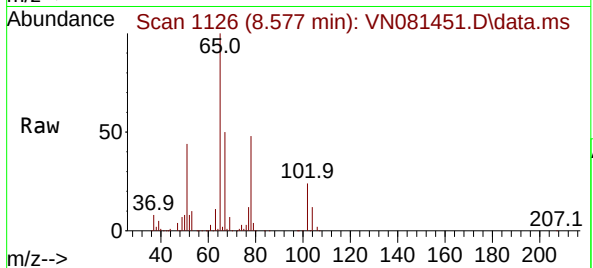




#33
1,2-Dichloroethane-d4
Concen: 40.494 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

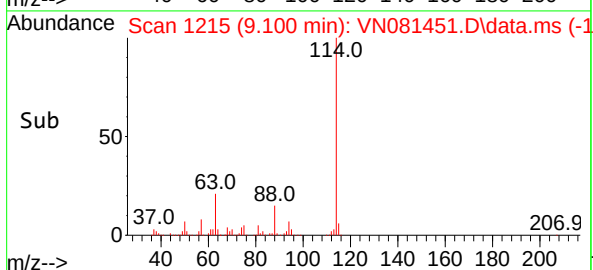
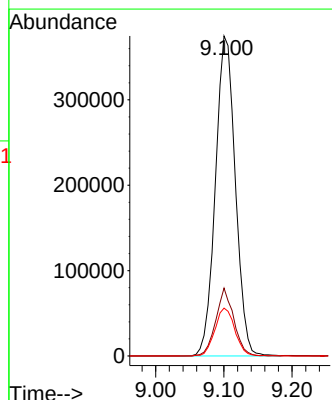
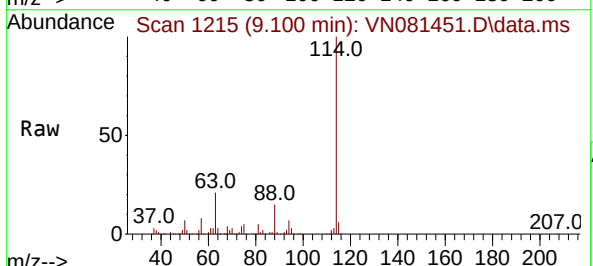
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

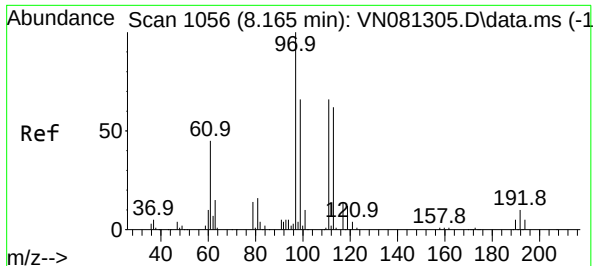
Tgt Ion: 65 Resp: 270427
Ion Ratio Lower Upper
65 100
67 53.4 0.0 102.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

Tgt Ion: 114 Resp: 763230
Ion Ratio Lower Upper
114 100
63 21.2 0.0 48.0
88 14.9 0.0 34.8

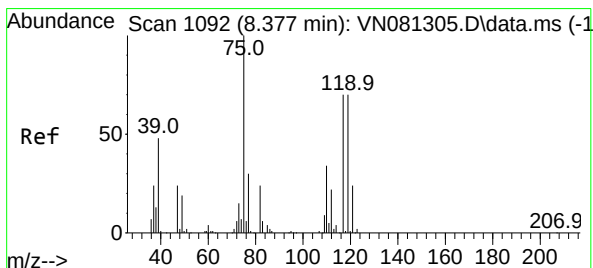
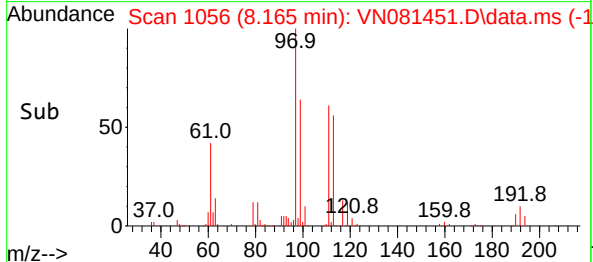
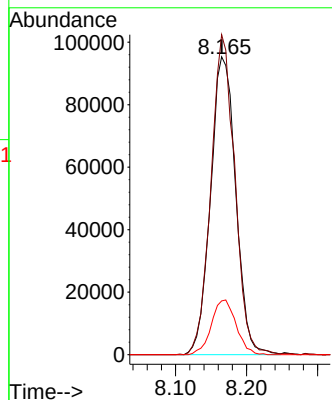
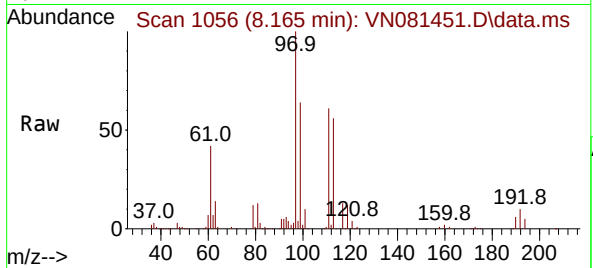




#35
Dibromofluoromethane
Concen: 50.058 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

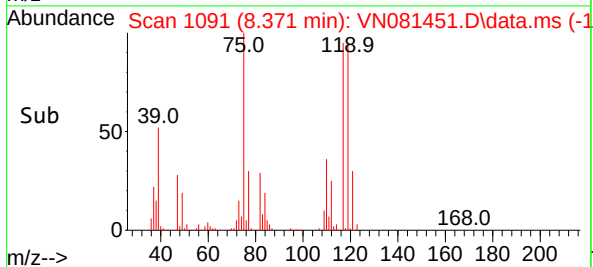
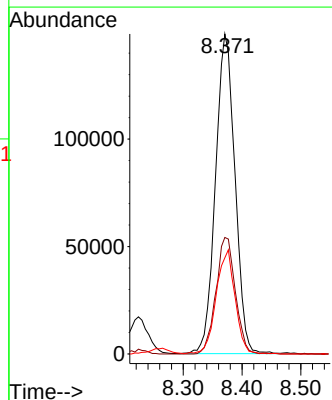
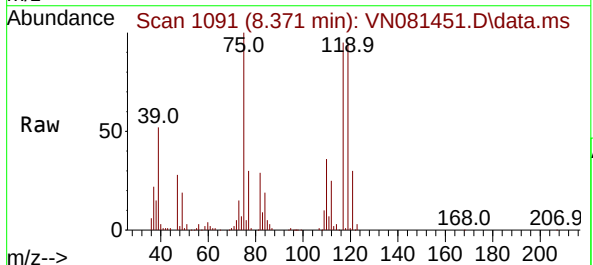
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

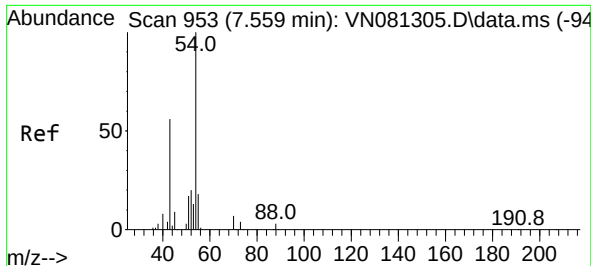
Tgt Ion:113 Resp: 234075
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 18.1 12.5 18.7



#36
1,1-Dichloropropene
Concen: 45.458 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

Tgt Ion: 75 Resp: 342935
Ion Ratio Lower Upper
75 100
110 36.2 16.0 48.0
77 31.3 25.8 38.6

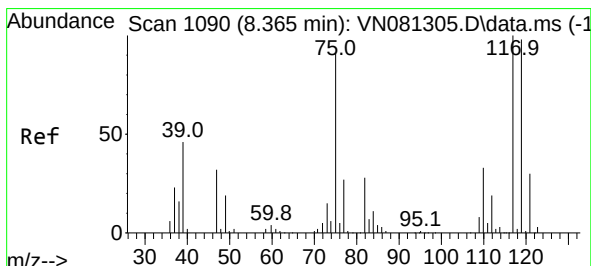
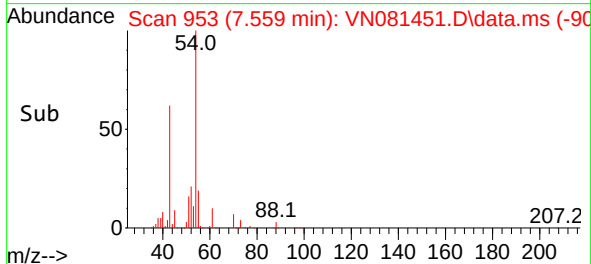
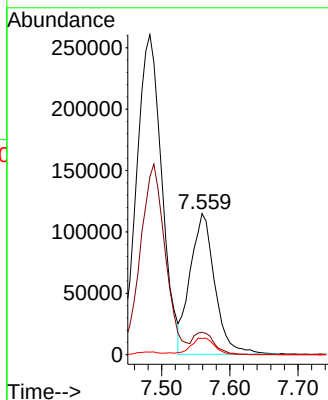
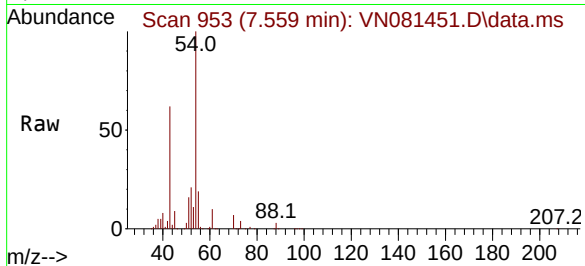




#37
Ethyl Acetate
Concen: 39.021 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

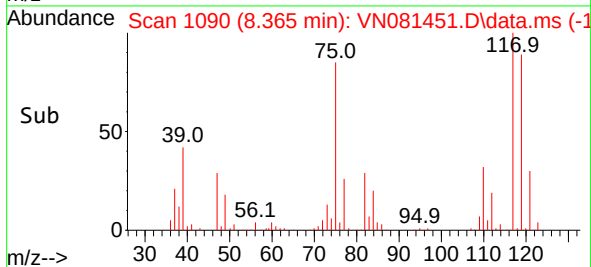
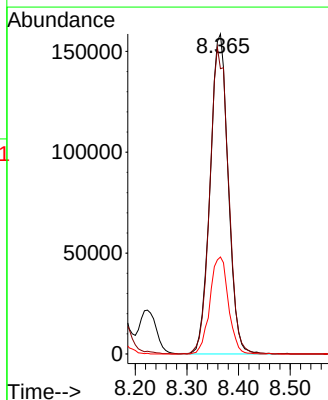
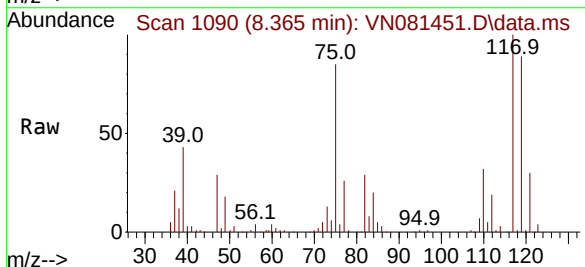
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

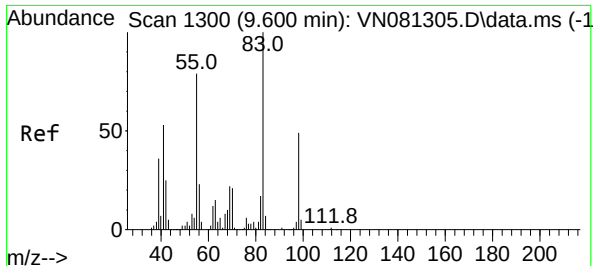
Tgt Ion: 43 Resp: 287755
Ion Ratio Lower Upper
43 100
61 13.3 10.6 15.8
70 11.5 8.0 12.0



#38
Carbon Tetrachloride
Concen: 50.732 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

Tgt Ion: 117 Resp: 385182
Ion Ratio Lower Upper
117 100
119 89.1 73.4 110.2
121 30.3 24.4 36.6





#39

Methylcyclohexane

Concen: 45.796 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN081451.D

Acq: 18 Mar 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

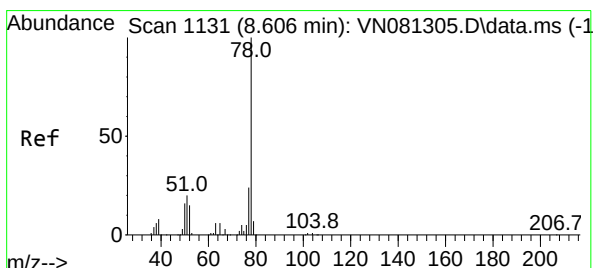
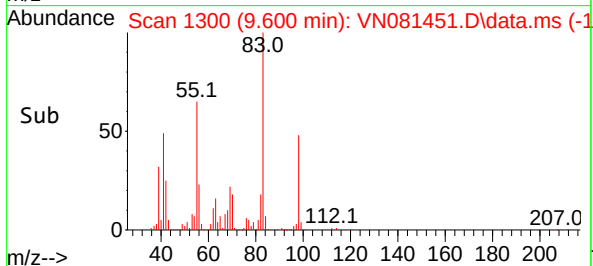
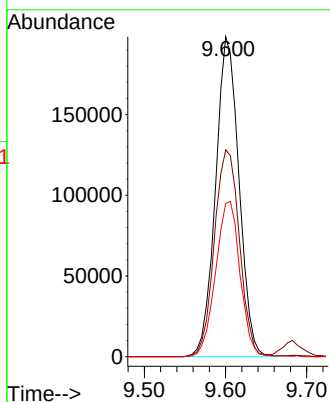
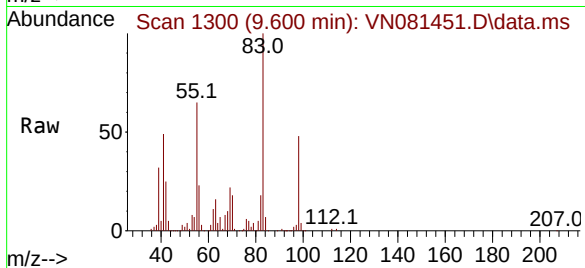
Tgt Ion: 83 Resp: 397598

Ion Ratio Lower Upper

83 100

55 64.6 65.7 98.5#

98 47.9 33.8 50.6



#40

Benzene

Concen: 46.058 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN081451.D

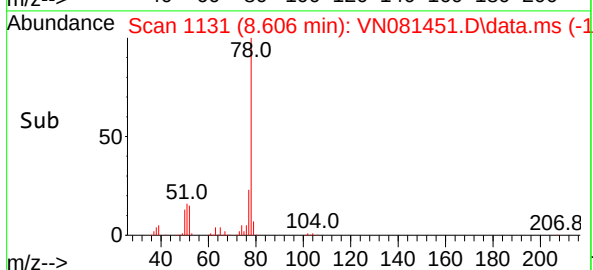
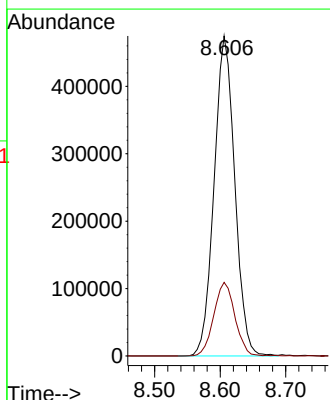
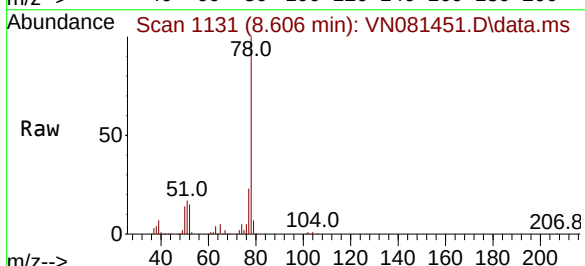
Acq: 18 Mar 2024 15:24

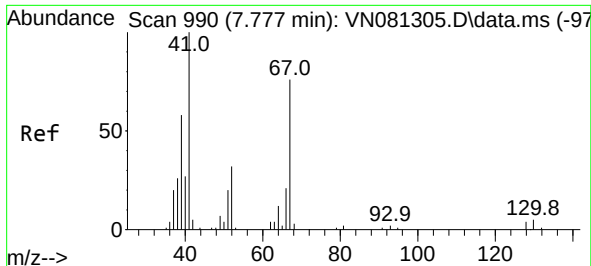
Tgt Ion: 78 Resp: 1037123

Ion Ratio Lower Upper

78 100

77 23.0 20.4 30.6

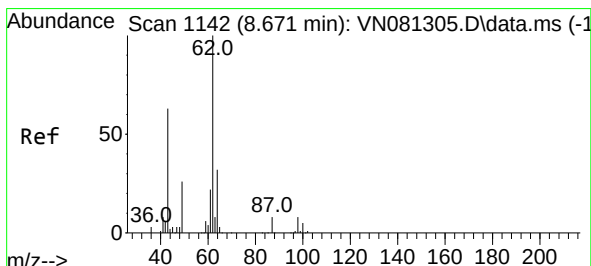
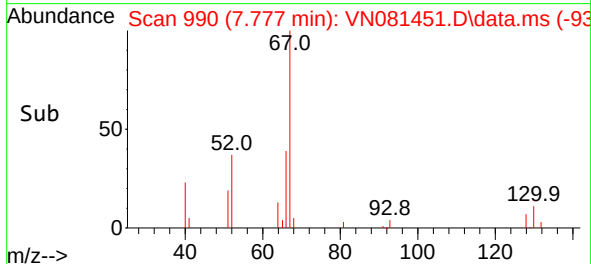
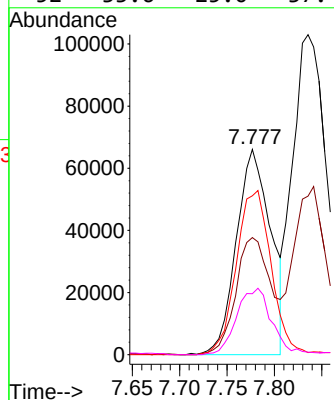
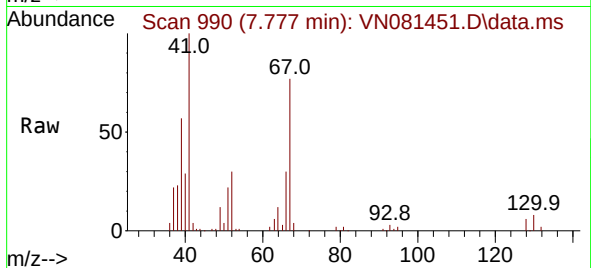




#41
Methacrylonitrile
Concen: 40.069 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

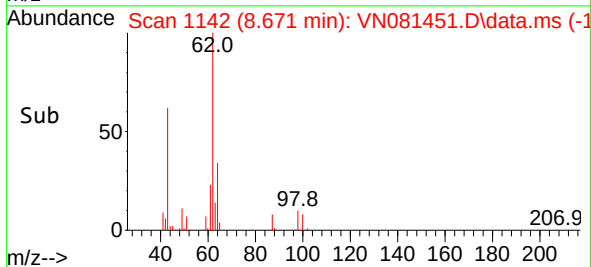
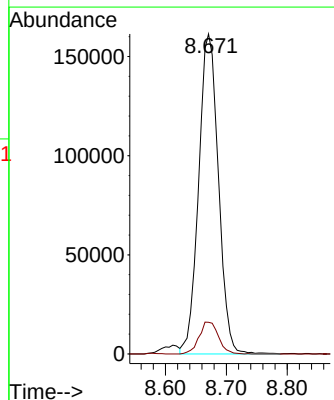
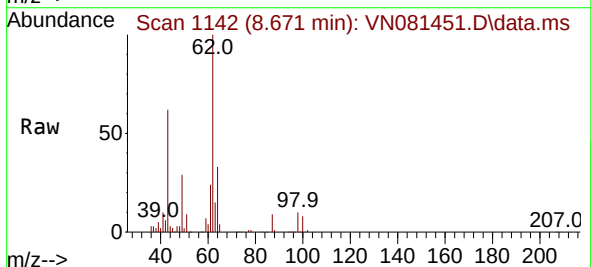
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

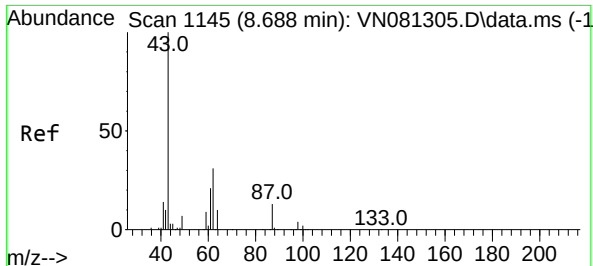
Tgt Ion:	41	Resp:	166867
Ion	Ratio	Lower	Upper
41	100		
39	58.3	48.4	72.6
67	81.8	56.8	85.2
52	33.6	25.0	37.4



#42
1,2-Dichloroethane
Concen: 45.858 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

Tgt Ion:	62	Resp:	364085
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	18.0

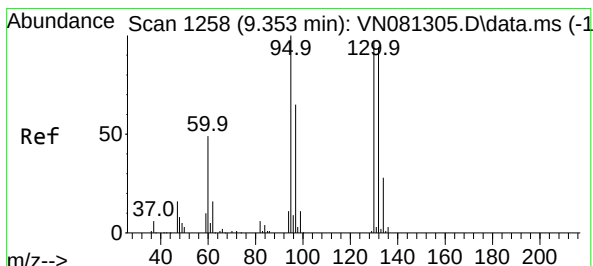
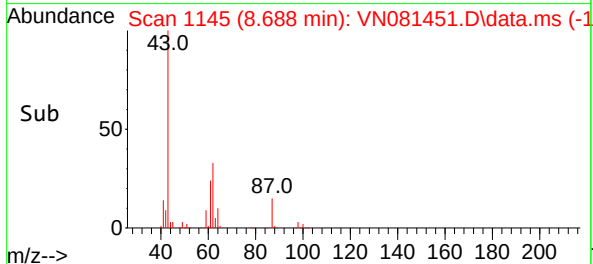
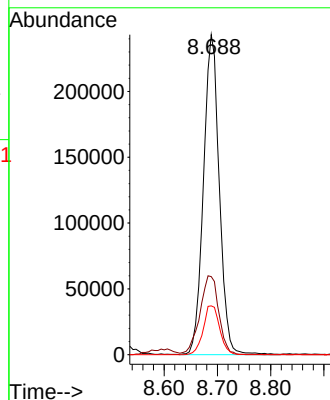
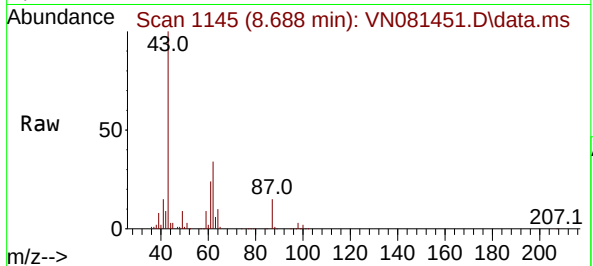




#43
Isopropyl Acetate
Concen: 38.848 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

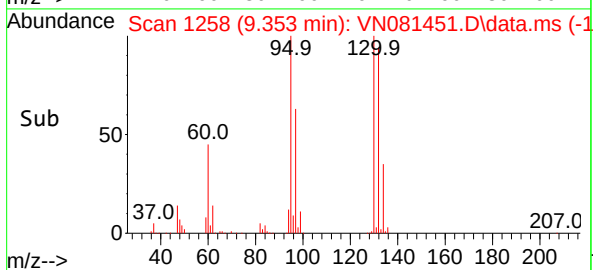
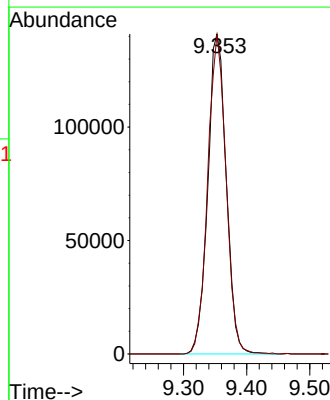
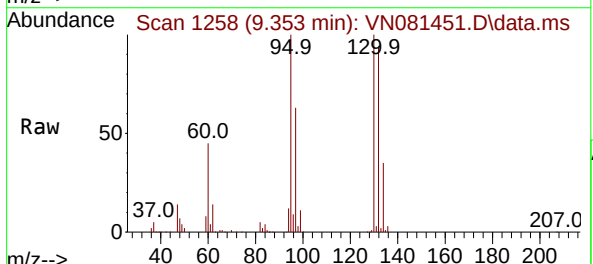
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

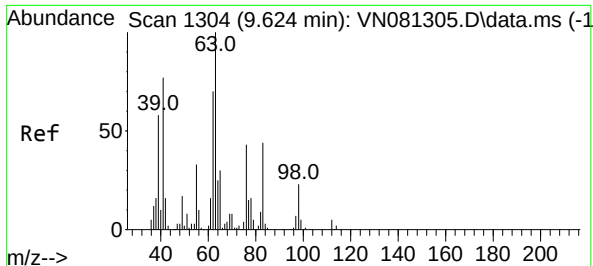
Tgt Ion: 43 Resp: 501425
Ion Ratio Lower Upper
43 100
61 29.5 19.9 29.9
87 15.9 9.0 13.6#



#44
Trichloroethene
Concen: 50.319 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

Tgt Ion:130 Resp: 285772
Ion Ratio Lower Upper
130 100
95 99.9 0.0 210.4





#45

1,2-Dichloropropane

Concen: 45.925 ug/l

RT: 9.624 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081451.D

Acq: 18 Mar 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

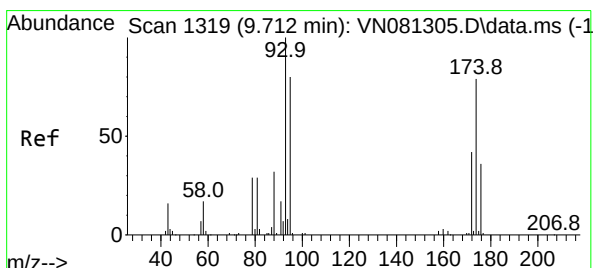
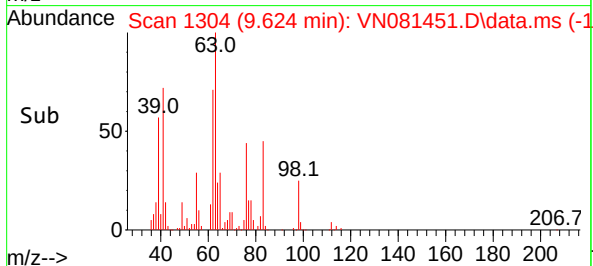
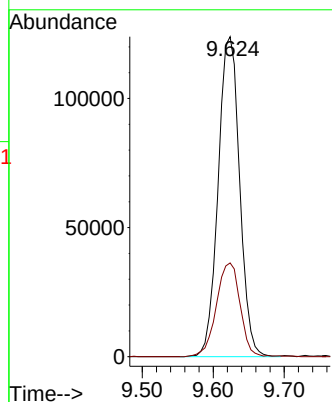
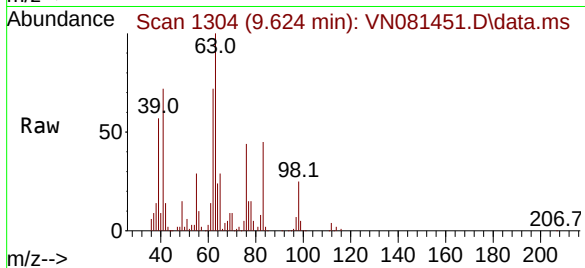
VSTDCCC050

Tgt Ion: 63 Resp: 259780

Ion Ratio Lower Upper

63 100

65 29.3 26.1 39.1



#46

Dibromomethane

Concen: 48.129 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN081451.D

Acq: 18 Mar 2024 15:24

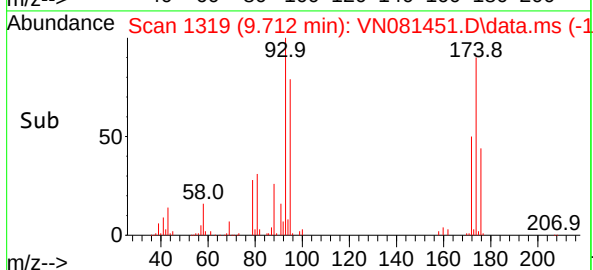
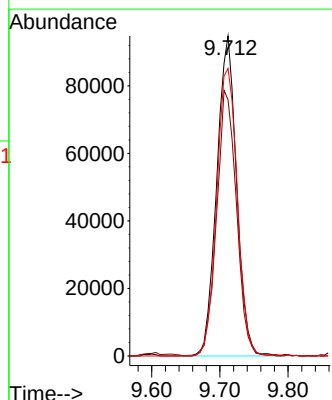
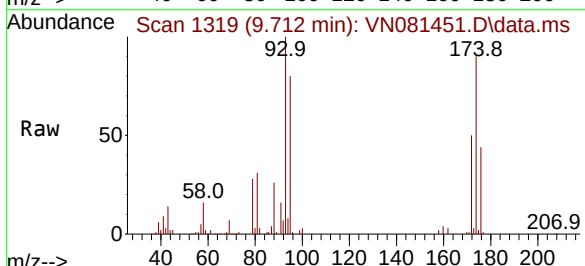
Tgt Ion: 93 Resp: 191898

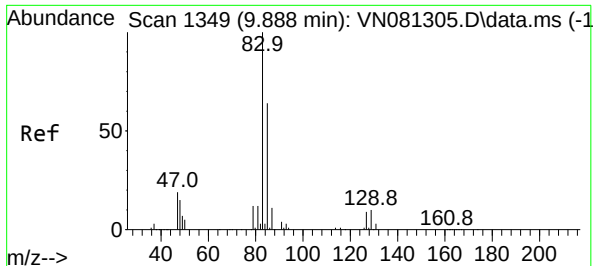
Ion Ratio Lower Upper

93 100

95 83.0 68.1 102.1

174 93.4 57.2 85.8#

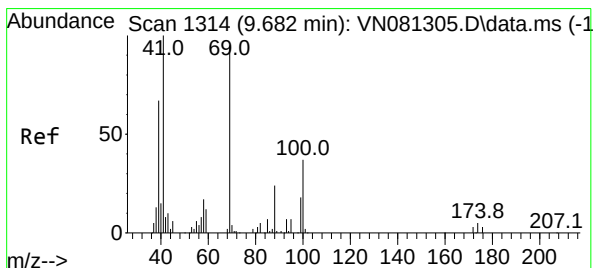
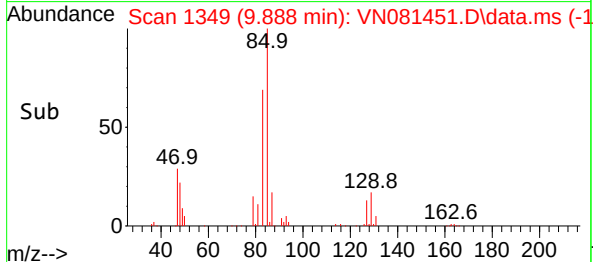
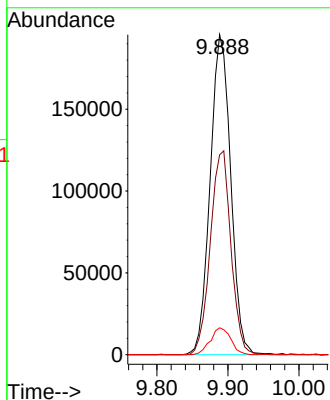
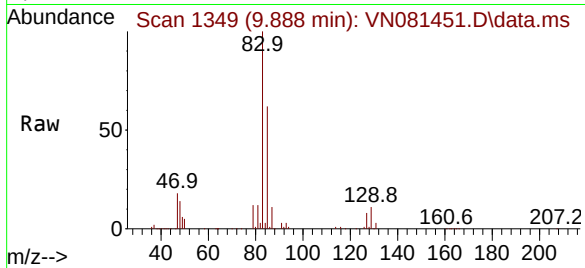




#47
Bromodichloromethane
Concen: 50.704 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

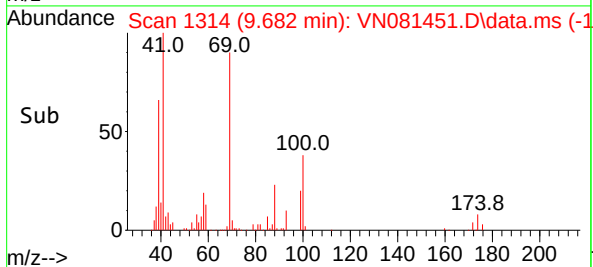
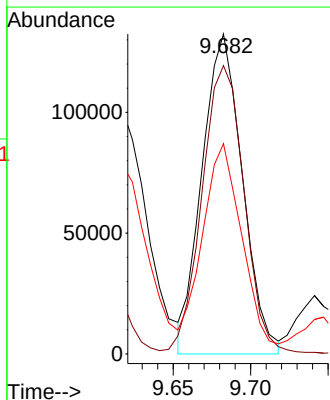
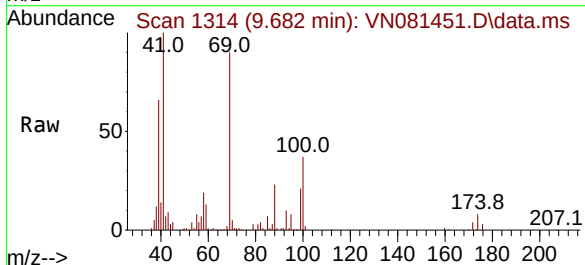
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

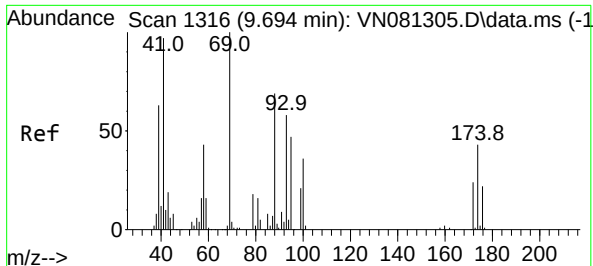
Tgt Ion: 83 Resp: 392466
Ion Ratio Lower Upper
83 100
85 62.4 52.3 78.5
127 8.4 4.6 7.0#



#48
Methyl methacrylate
Concen: 42.073 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

Tgt Ion: 41 Resp: 240040
Ion Ratio Lower Upper
41 100
69 94.3 62.2 93.2#
39 65.1 47.6 71.4

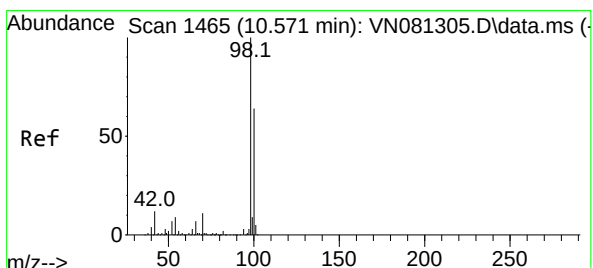
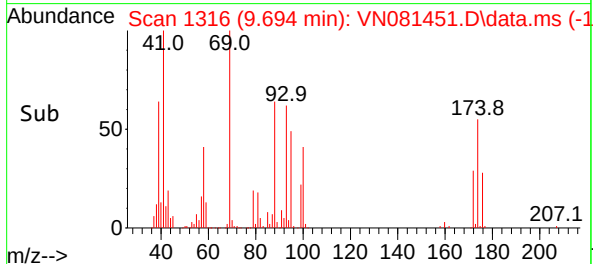
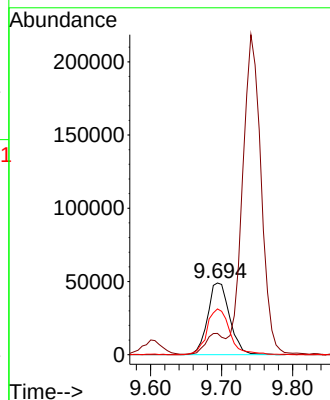
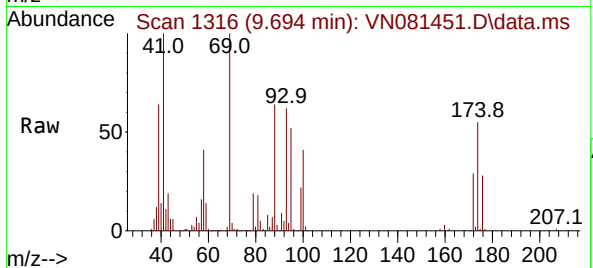




#49
1,4-Dioxane
Concen: 836.535 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

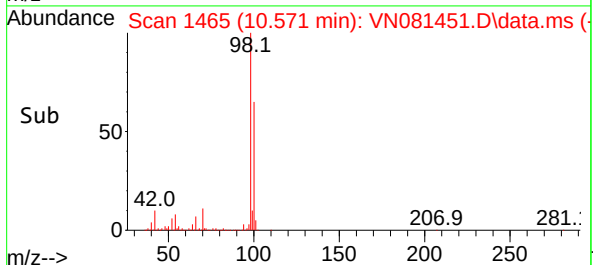
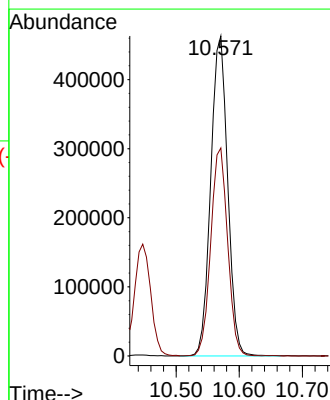
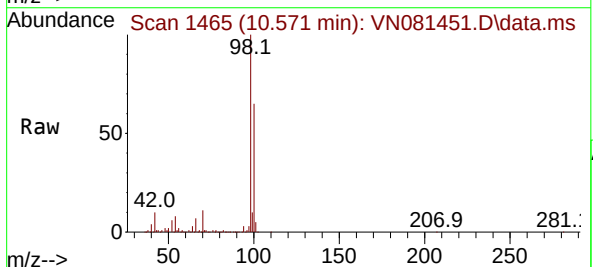
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

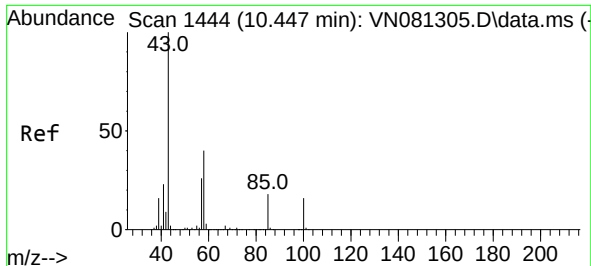
Tgt Ion: 88 Resp: 105196
Ion Ratio Lower Upper
88 100
43 24.9 30.1 45.1#
58 66.5 63.9 95.9



#50
Toluene-d8
Concen: 49.273 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

Tgt Ion: 98 Resp: 861302
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.0

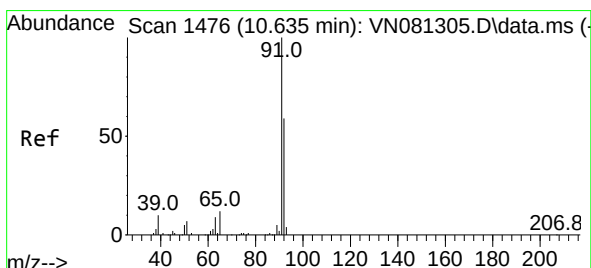
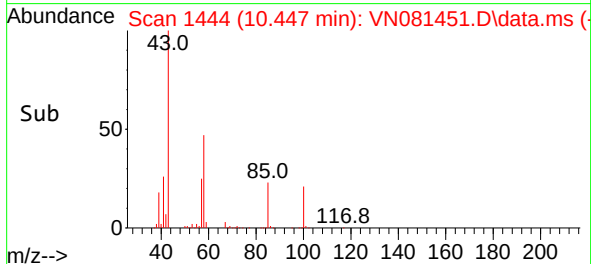
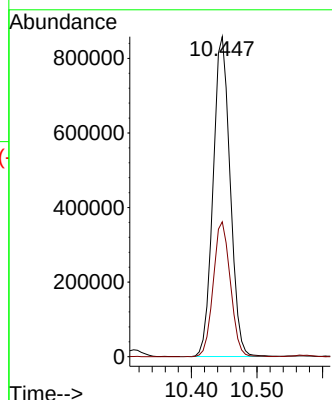
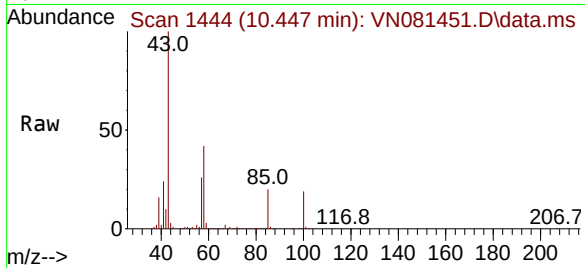




#51
4-Methyl-2-Pentanone
Concen: 206.756 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

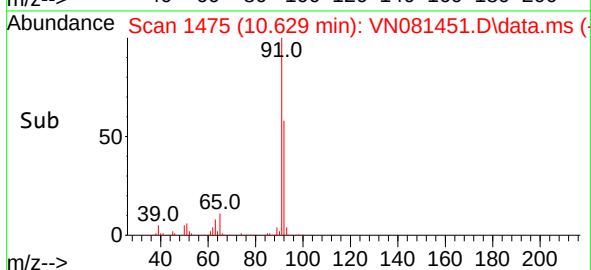
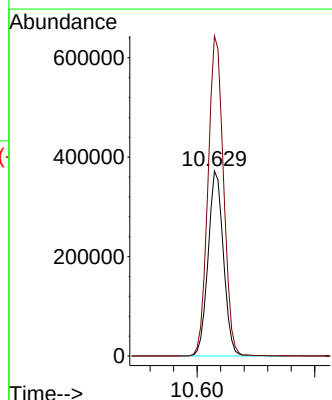
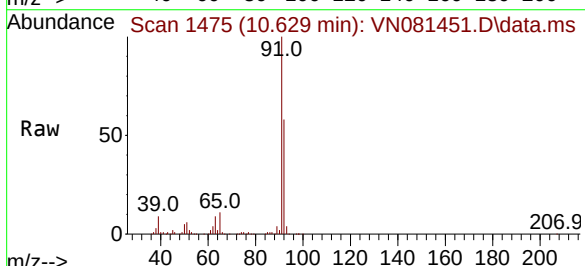
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

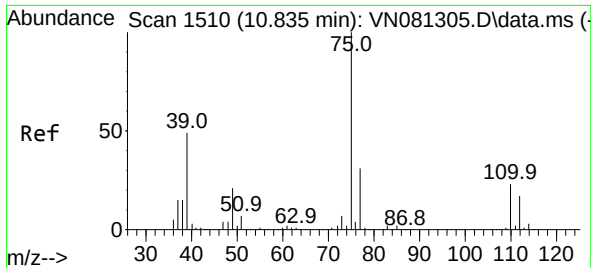
Tgt Ion: 43 Resp: 1549567
Ion Ratio Lower Upper
43 100
58 42.2 29.4 44.0



#52
Toluene
Concen: 49.379 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

Tgt Ion: 92 Resp: 671672
Ion Ratio Lower Upper
92 100
91 175.2 139.4 209.0

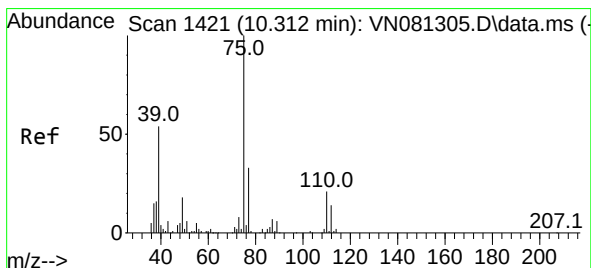
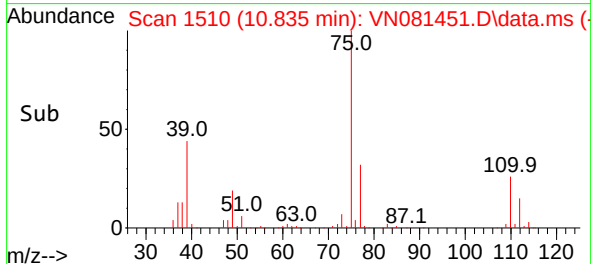
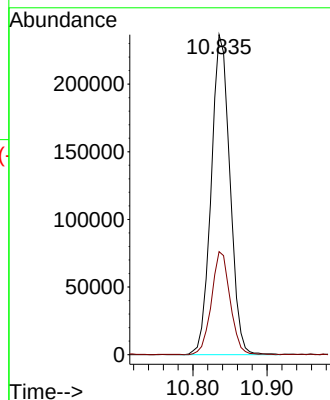
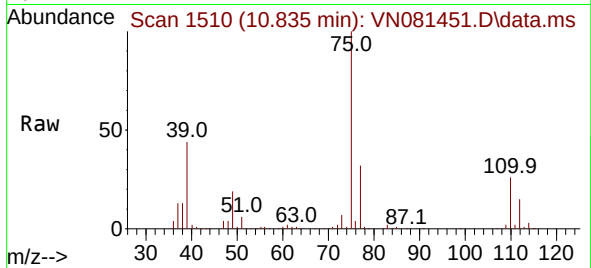




#53
t-1,3-Dichloropropene
Concen: 49.617 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

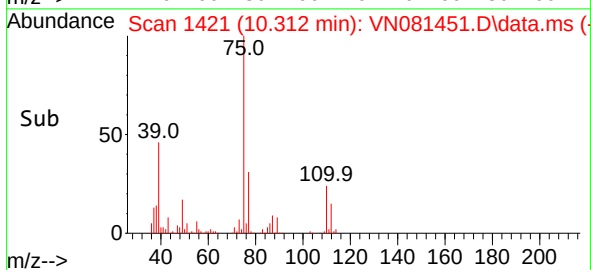
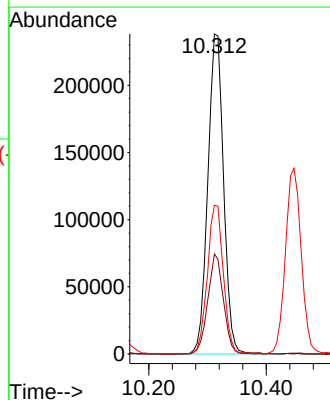
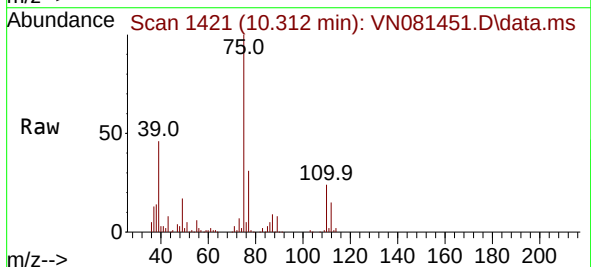
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

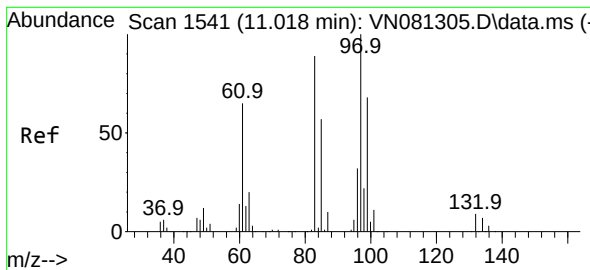
Tgt Ion: 75 Resp: 415533
Ion Ratio Lower Upper
75 100
77 32.1 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 49.141 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

Tgt Ion: 75 Resp: 444279
Ion Ratio Lower Upper
75 100
77 31.3 23.3 34.9
39 46.3 44.6 66.8

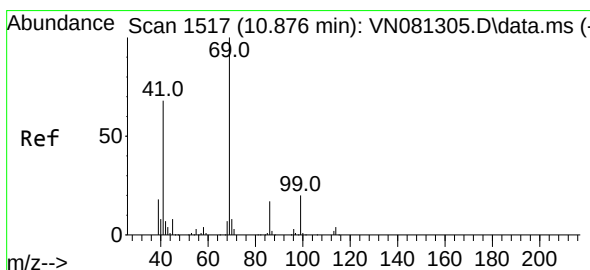
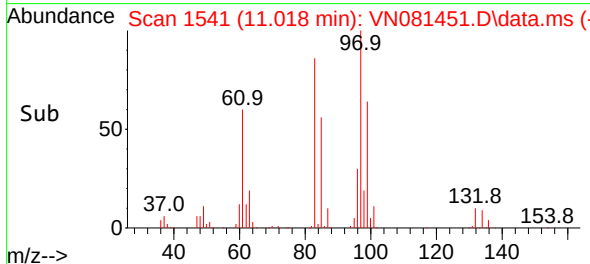
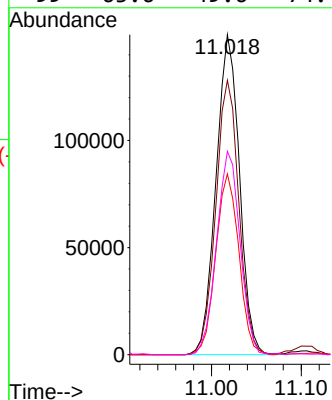
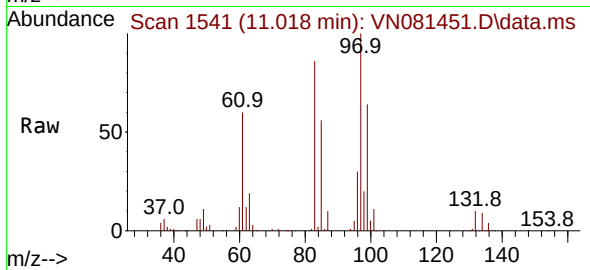




#55
1,1,2-Trichloroethane
Concen: 50.286 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

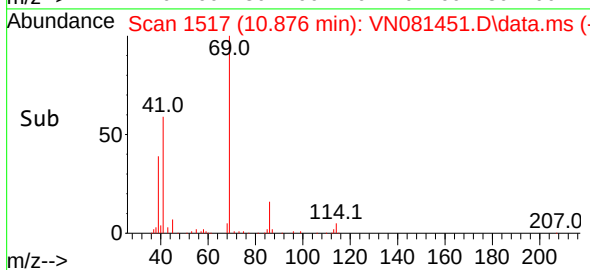
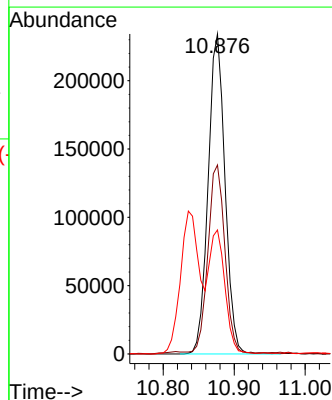
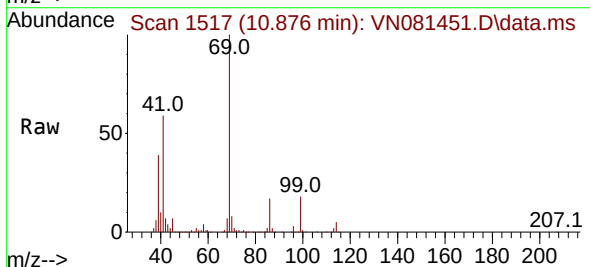
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

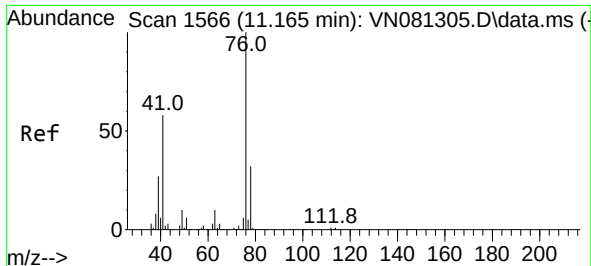
Tgt Ion:	97	Resp:	271247
Ion	Ratio	Lower	Upper
97	100		
83	85.7	72.9	109.3
85	56.5	50.2	75.2
99	63.6	49.6	74.4



#56
Ethyl methacrylate
Concen: 49.966 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

Tgt Ion:	69	Resp:	387013
Ion	Ratio	Lower	Upper
69	100		
41	59.2	61.0	91.6#
39	35.5	31.8	47.6





#57

1,3-Dichloropropane

Concen: 48.063 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN081451.D

Acq: 18 Mar 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

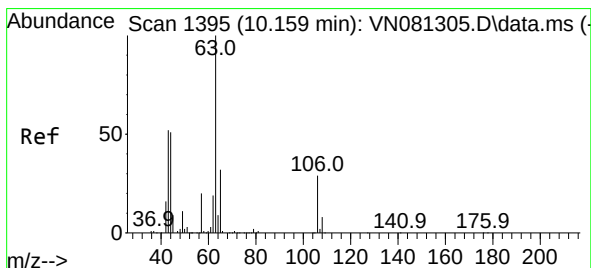
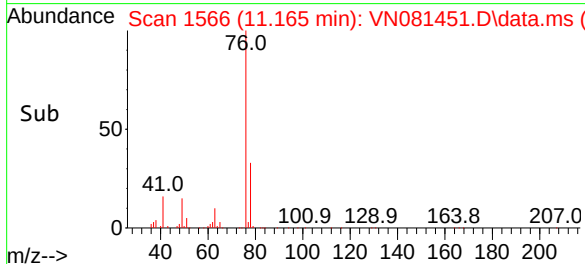
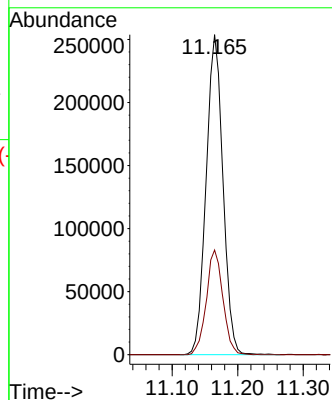
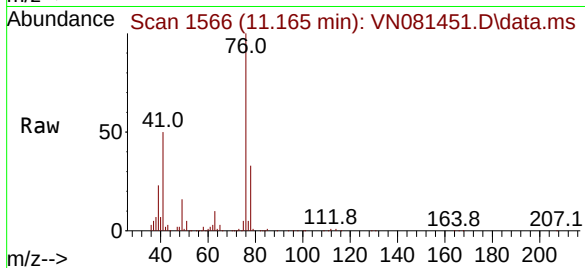
VSTDCCC050

Tgt Ion: 76 Resp: 452477

Ion Ratio Lower Upper

76 100

78 32.3 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 151.816 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN081451.D

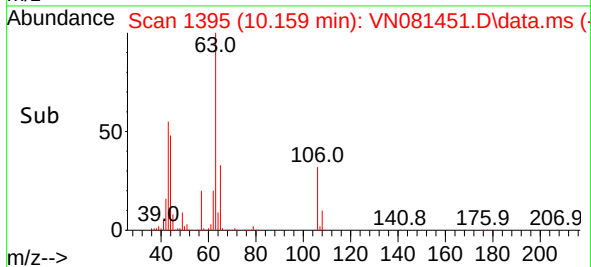
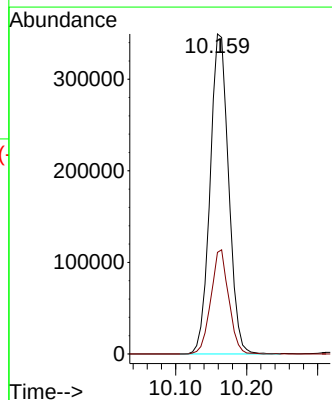
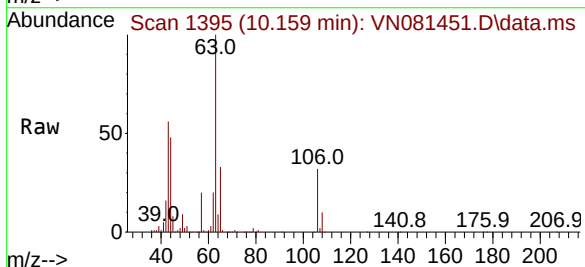
Acq: 18 Mar 2024 15:24

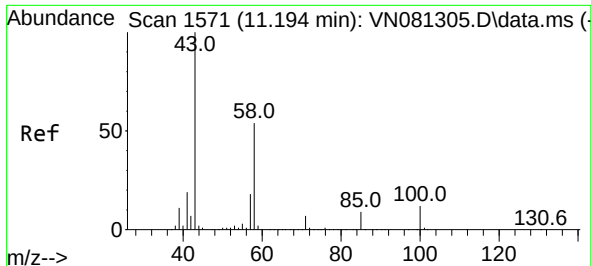
Tgt Ion: 63 Resp: 632533

Ion Ratio Lower Upper

63 100

106 31.3 18.6 28.0#

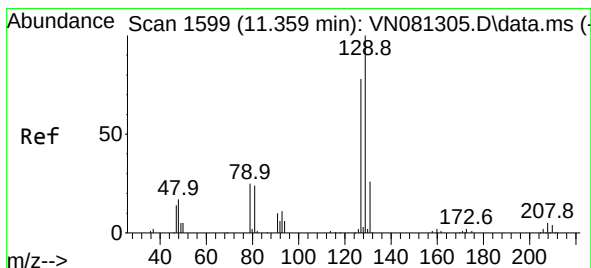
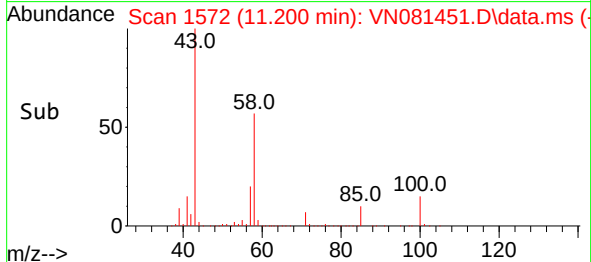
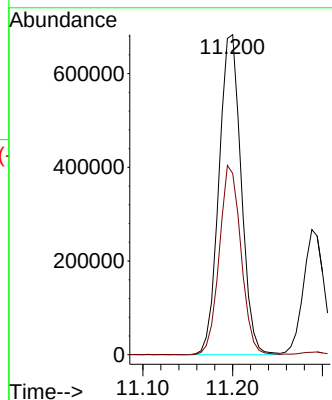
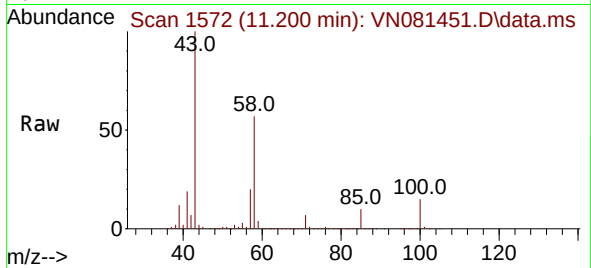




#59
2-Hexanone
Concen: 209.597 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

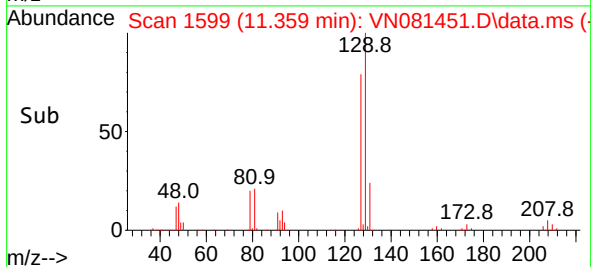
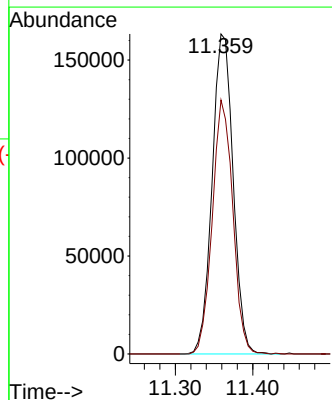
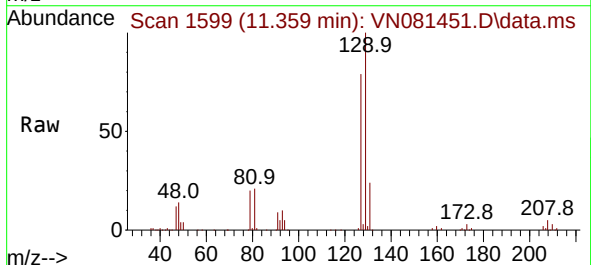
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

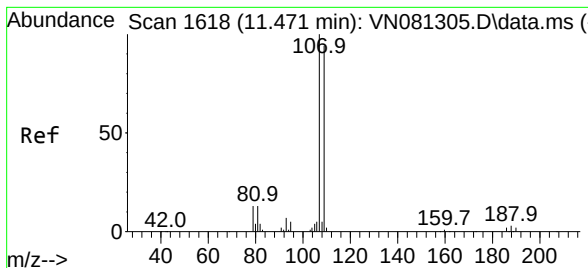
Tgt Ion: 43 Resp: 1174351
Ion Ratio Lower Upper
43 100
58 57.6 25.9 77.8



#60
Dibromochloromethane
Concen: 55.356 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

Tgt Ion:129 Resp: 307517
Ion Ratio Lower Upper
129 100
127 77.5 39.4 118.2

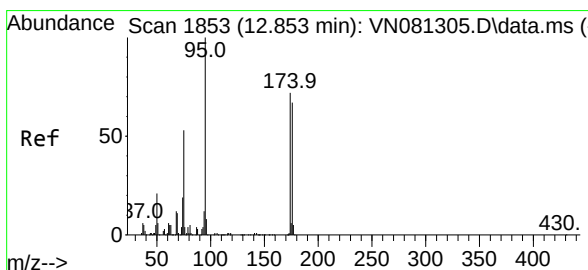
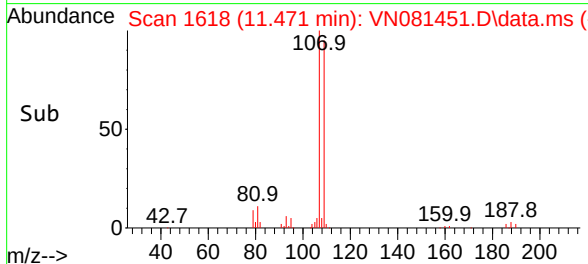
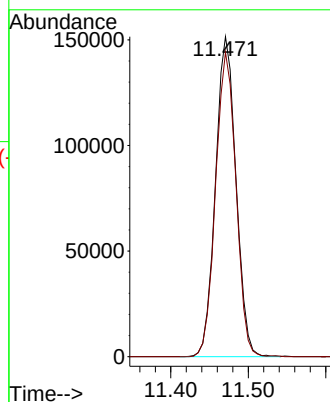
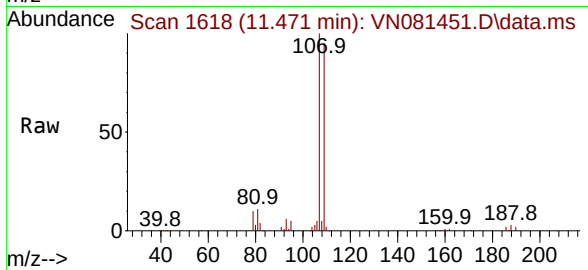




#61
1,2-Dibromoethane
Concen: 49.715 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

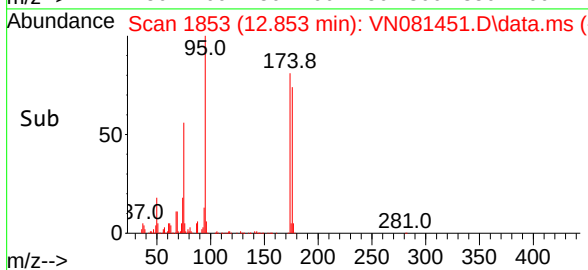
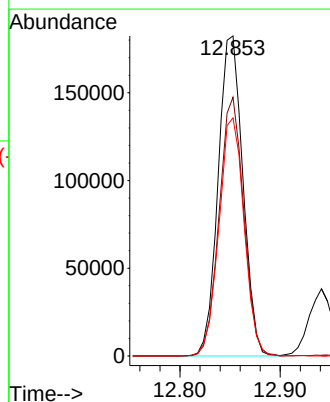
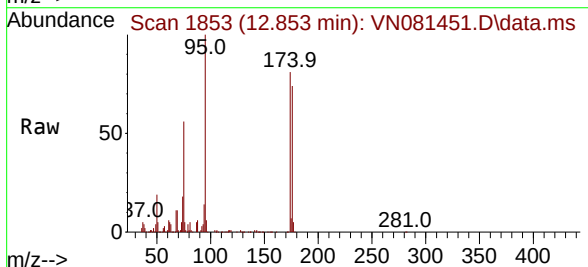
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

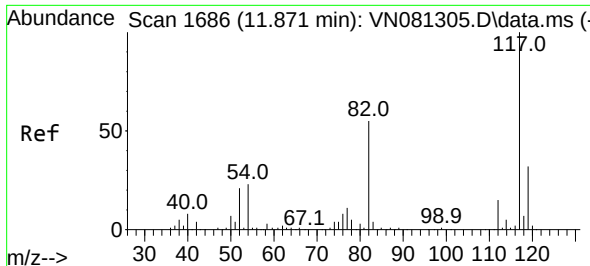
Tgt Ion:107 Resp: 278248
Ion Ratio Lower Upper
107 100
109 94.4 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 50.483 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

Tgt Ion: 95 Resp: 311896
Ion Ratio Lower Upper
95 100
174 80.3 0.0 120.4
176 75.6 0.0 121.0

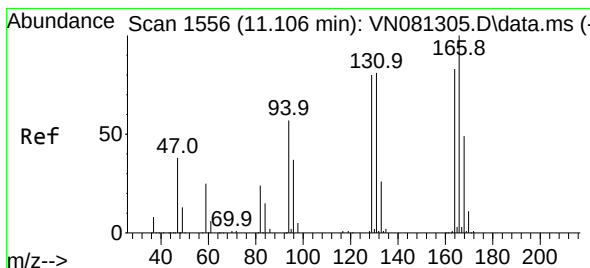
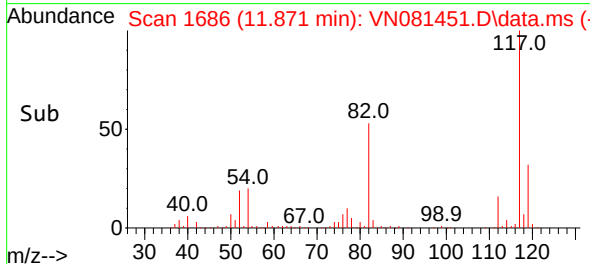
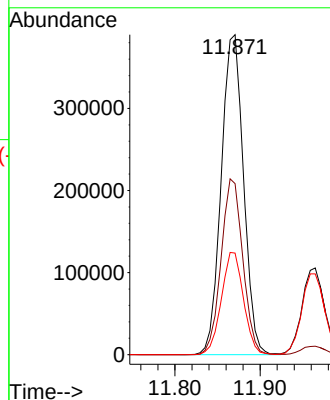
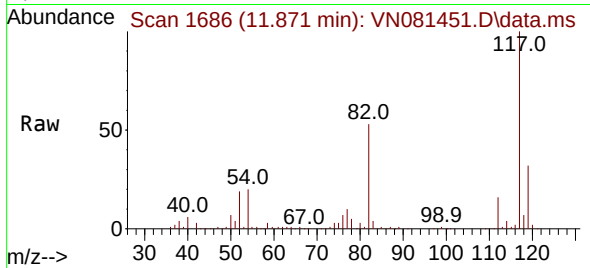




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

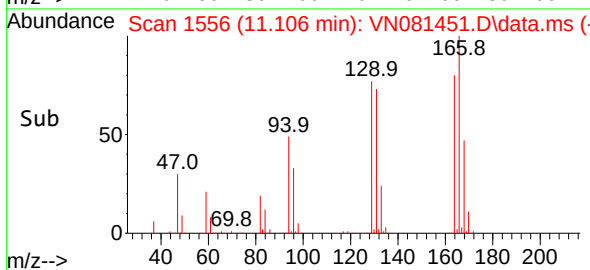
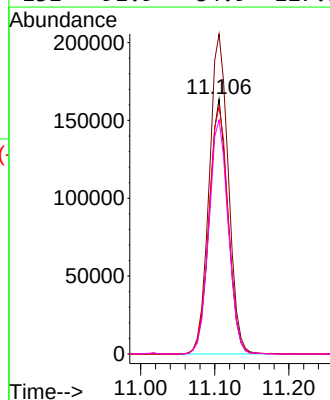
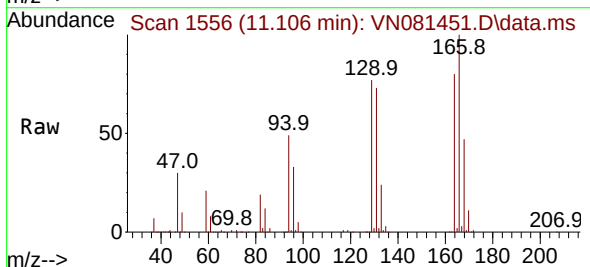
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

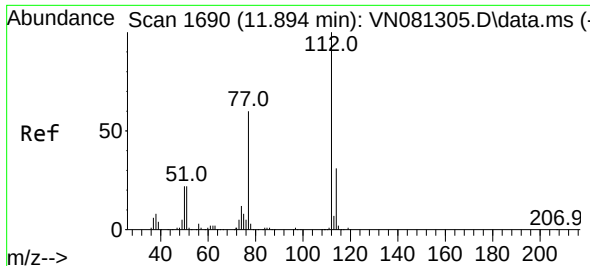
Tgt Ion:117 Resp: 709779
Ion Ratio Lower Upper
117 100
82 53.5 52.7 79.1
119 31.7 25.3 37.9



#64
Tetrachloroethene
Concen: 51.457 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

Tgt Ion:164 Resp: 285977
Ion Ratio Lower Upper
164 100
166 125.6 105.8 158.6
129 97.2 89.6 134.4
131 91.9 84.9 127.3

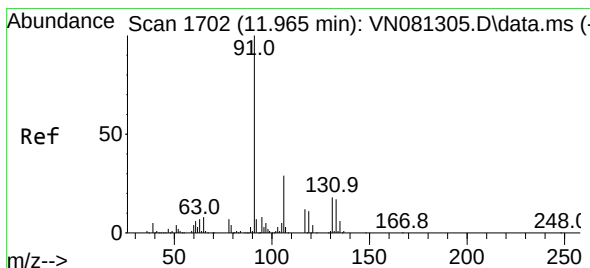
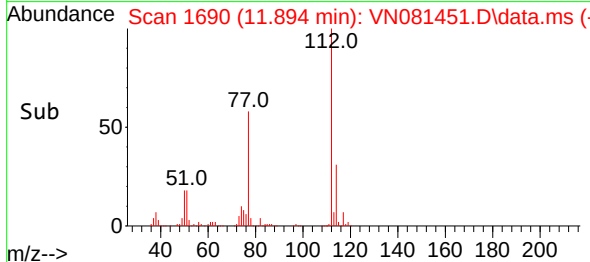
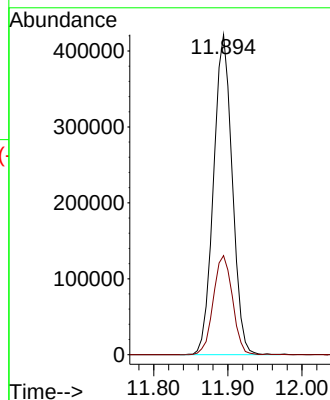
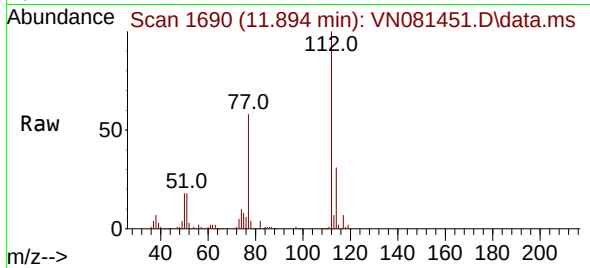




#65
Chlorobenzene
Concen: 49.369 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

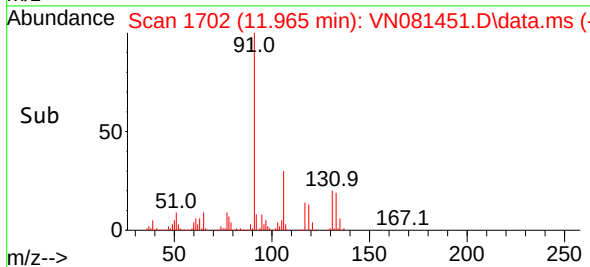
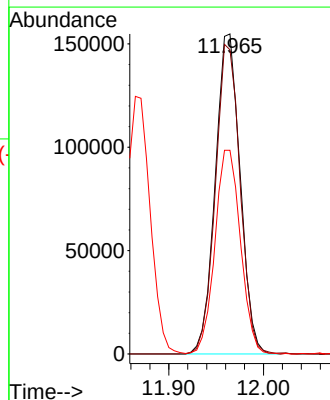
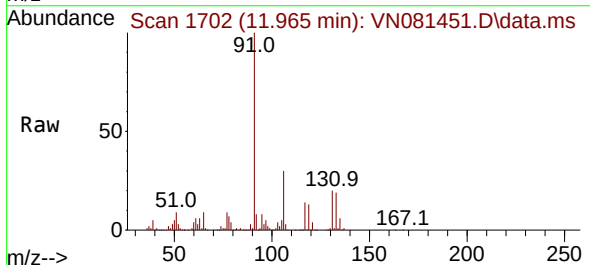
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

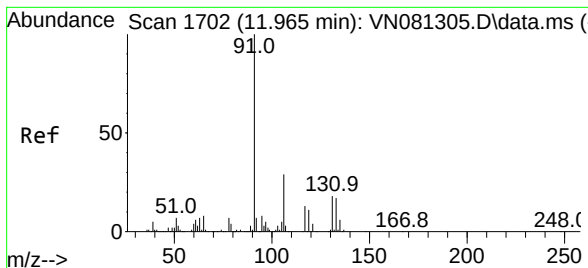
Tgt Ion:112 Resp: 738403
Ion Ratio Lower Upper
112 100
114 31.0 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 51.616 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

Tgt Ion:131 Resp: 282501
Ion Ratio Lower Upper
131 100
133 96.2 46.8 140.3
119 65.5 34.6 103.9

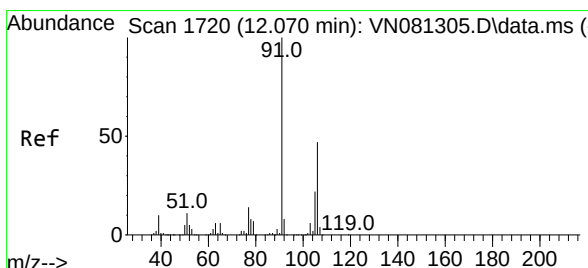
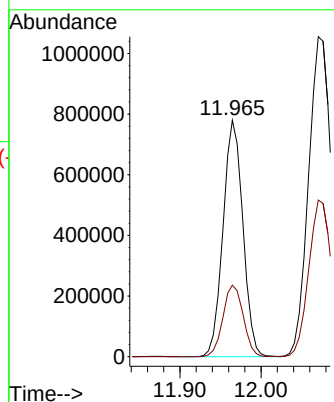
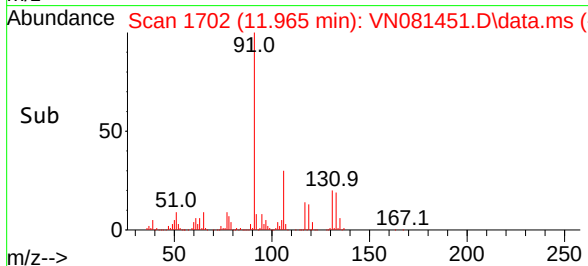
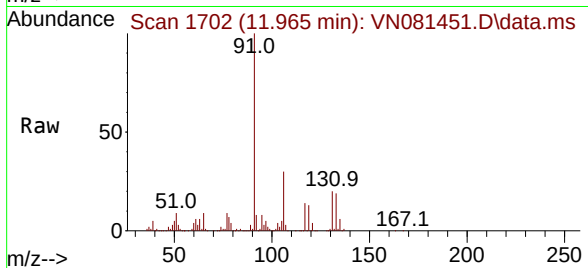




#67
Ethyl Benzene
Concen: 49.186 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

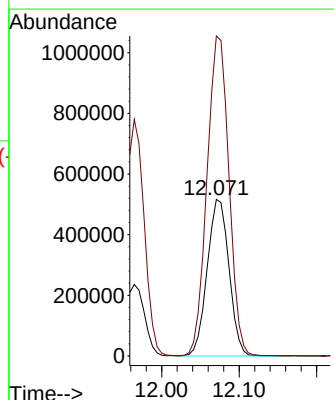
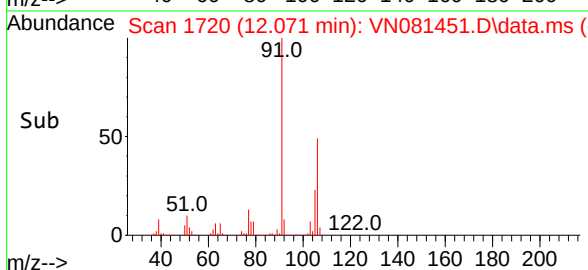
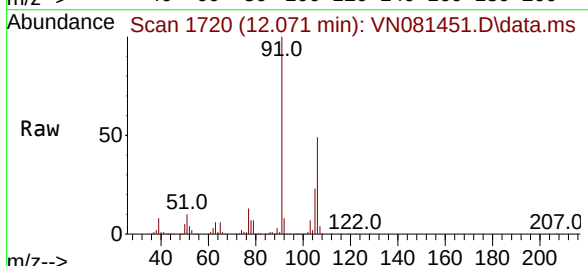
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

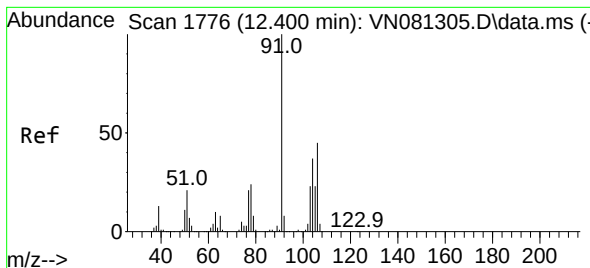
Tgt Ion: 91 Resp: 1325185
Ion Ratio Lower Upper
91 100
106 30.2 23.8 35.6



#68
m/p-Xylenes
Concen: 99.334 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

Tgt Ion:106 Resp: 1007207
Ion Ratio Lower Upper
106 100
91 206.1 169.0 253.6

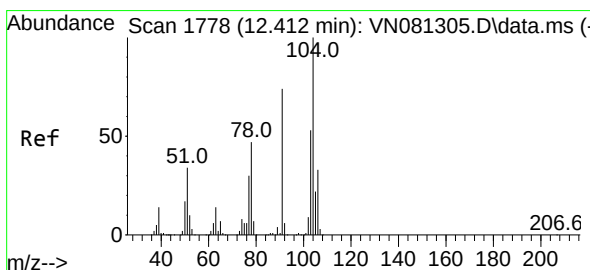
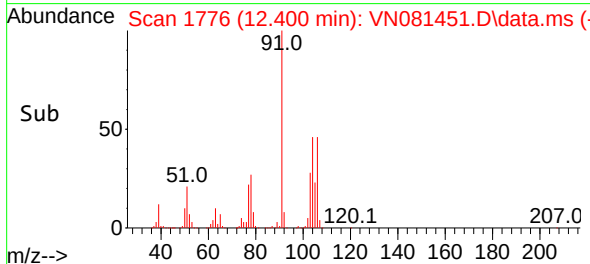
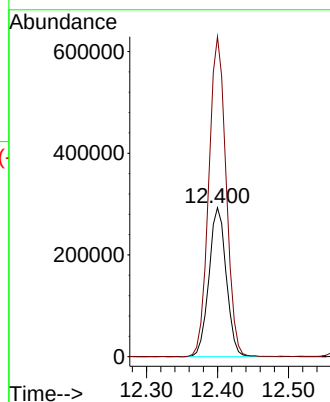
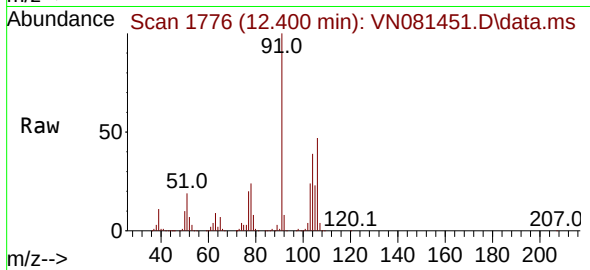




#69
o-Xylene
Concen: 50.401 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

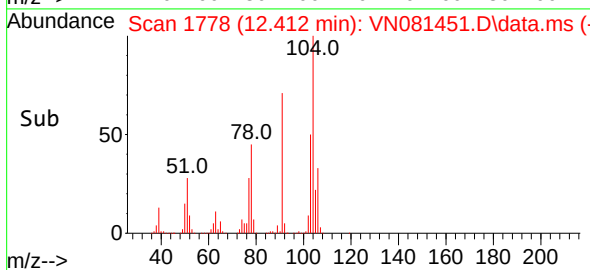
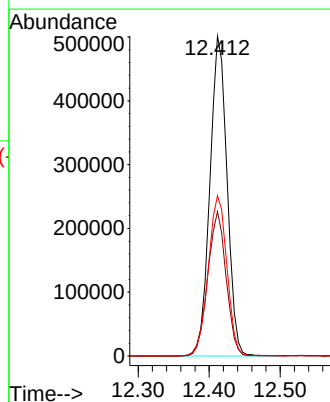
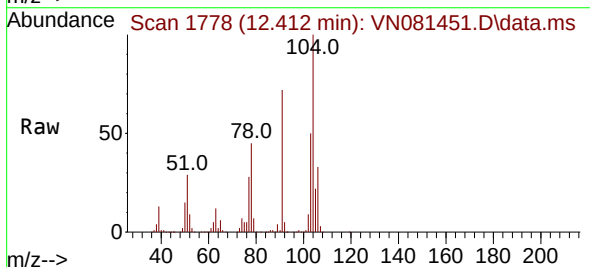
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

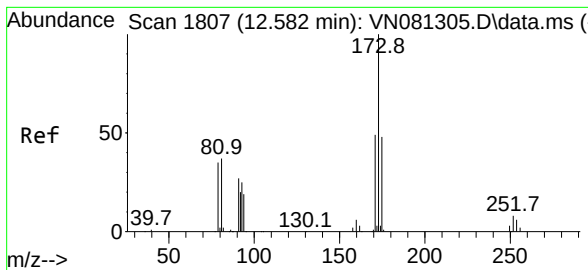
Tgt Ion:106 Resp: 495280
Ion Ratio Lower Upper
106 100
91 215.0 112.1 336.3



#70
Styrene
Concen: 54.033 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

Tgt Ion:104 Resp: 841433
Ion Ratio Lower Upper
104 100
78 48.5 43.8 65.8
103 54.5 44.2 66.2





#71

Bromoform

Concen: 55.714 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081451.D

Acq: 18 Mar 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

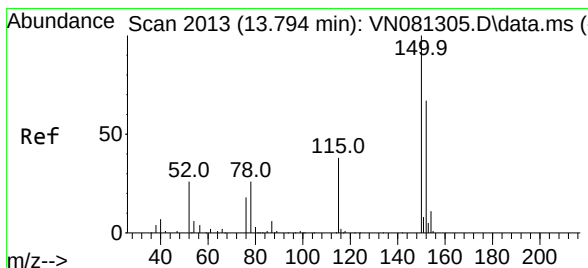
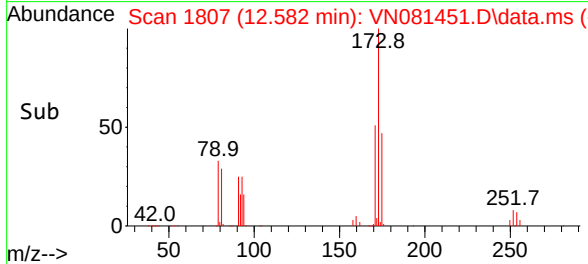
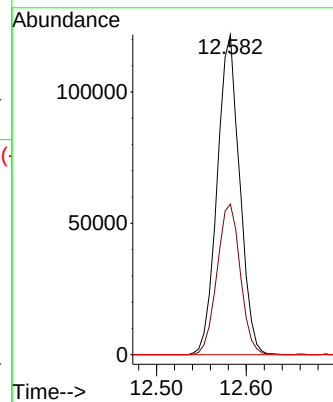
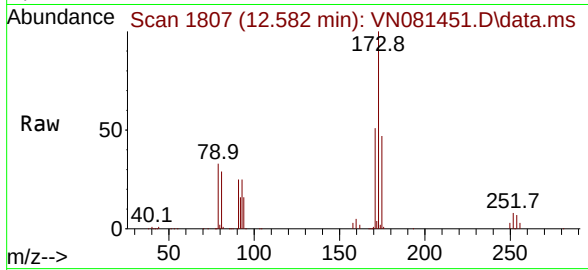
Tgt Ion:173 Resp: 211696

Ion Ratio Lower Upper

173 100

175 48.8 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: VN081451.D

Acq: 18 Mar 2024 15:24

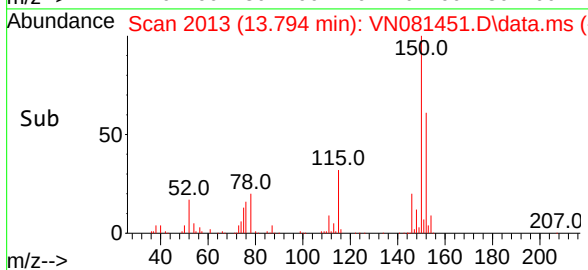
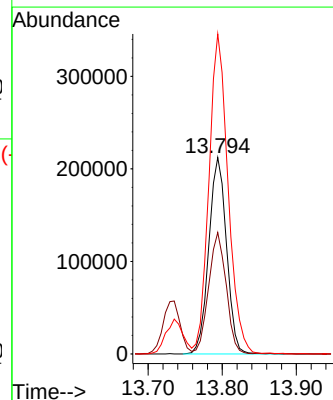
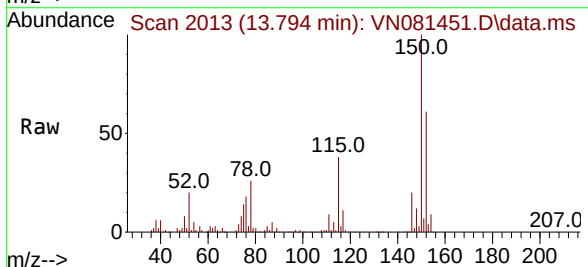
Tgt Ion:152 Resp: 353157

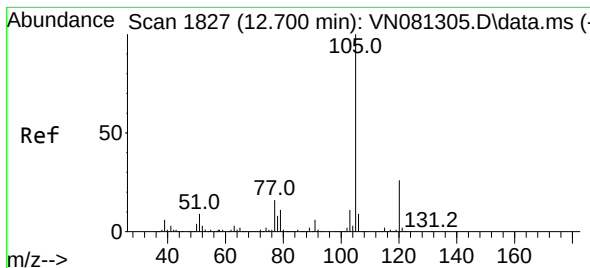
Ion Ratio Lower Upper

152 100

115 60.5 32.3 96.8

150 175.8 0.0 339.8





#73

Isopropylbenzene

Concen: 45.896 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN081451.D

Acq: 18 Mar 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

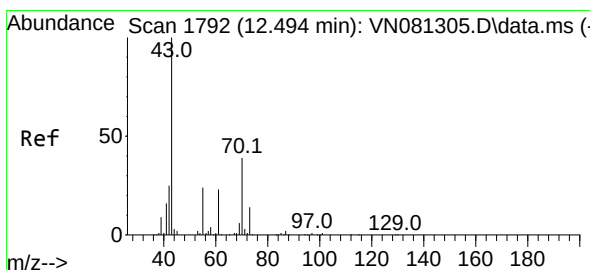
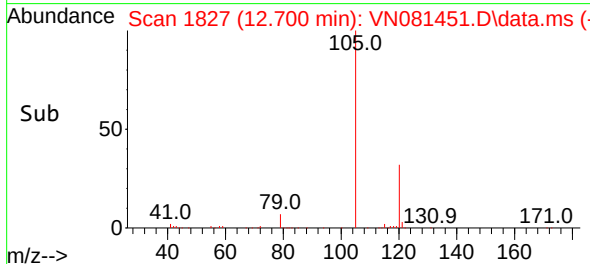
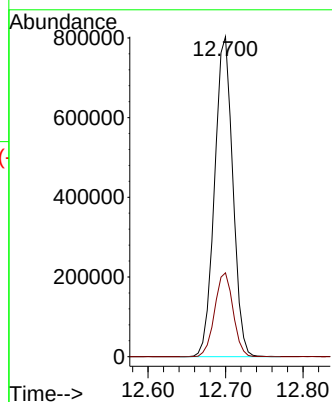
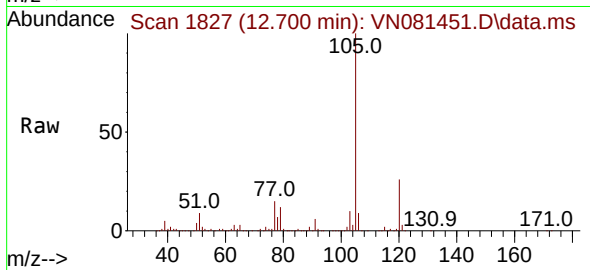
VSTDCCC050

Tgt Ion:105 Resp: 1308820

Ion Ratio Lower Upper

105 100

120 26.5 12.6 37.6



#74

N-ethyl acetate

Concen: 38.287 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN081451.D

Acq: 18 Mar 2024 15:24

Tgt Ion: 43 Resp: 458129

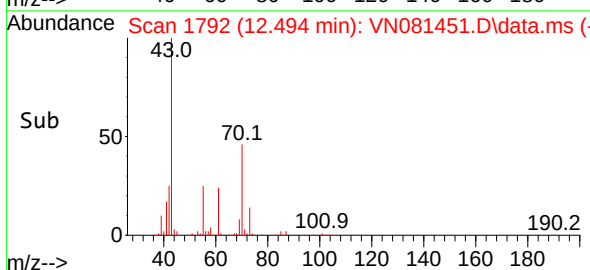
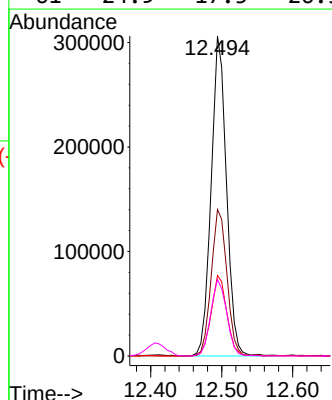
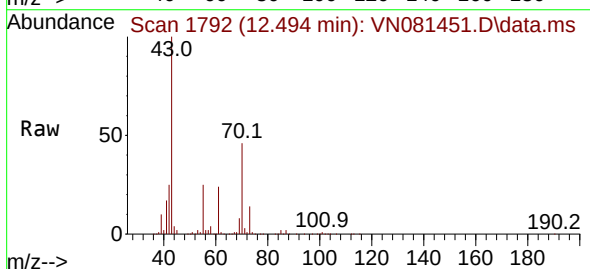
Ion Ratio Lower Upper

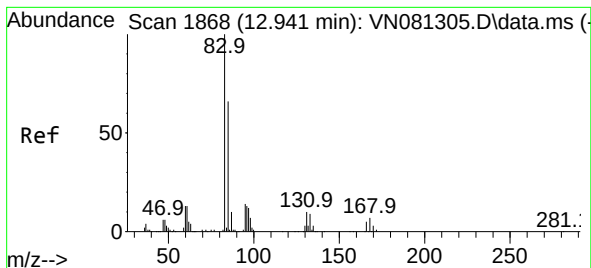
43 100

70 47.2 30.1 45.1#

55 25.8 17.0 25.4#

61 24.9 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 40.975 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN081451.D

Acq: 18 Mar 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

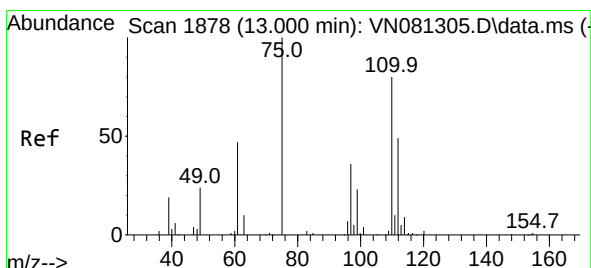
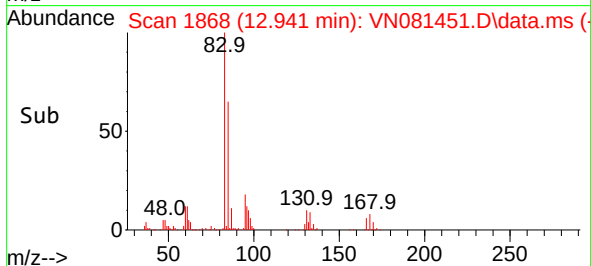
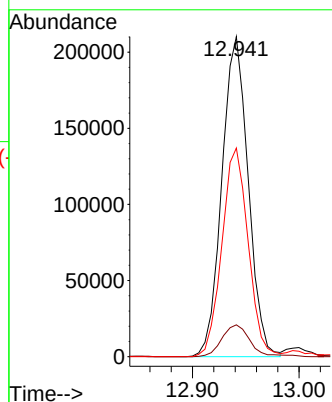
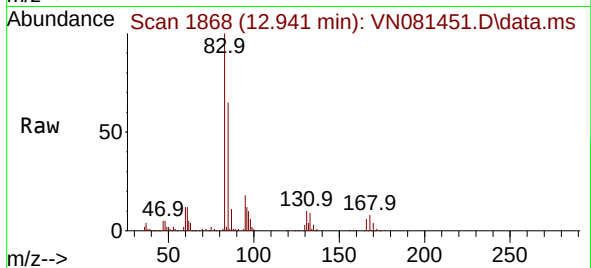
Tgt Ion: 83 Resp: 360613

Ion Ratio Lower Upper

83 100

131 10.7 4.1 12.3

85 64.9 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 60.462 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.006 min

Lab File: VN081451.D

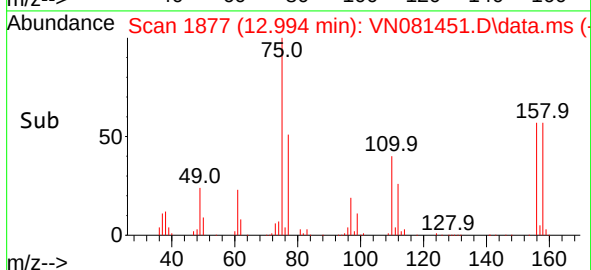
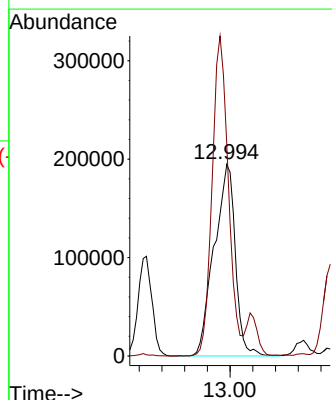
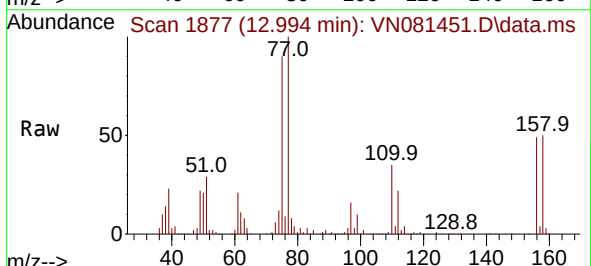
Acq: 18 Mar 2024 15:24

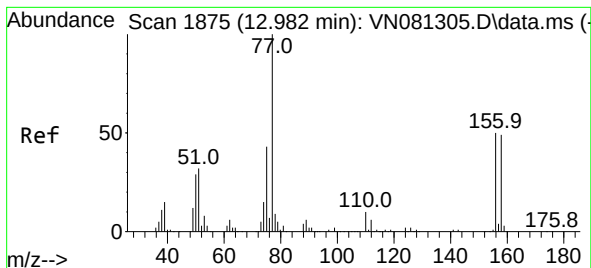
Tgt Ion: 75 Resp: 504346

Ion Ratio Lower Upper

75 100

77 128.1 91.0 272.8





#77

Bromobenzene

Concen: 46.655 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN081451.D

Acq: 18 Mar 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

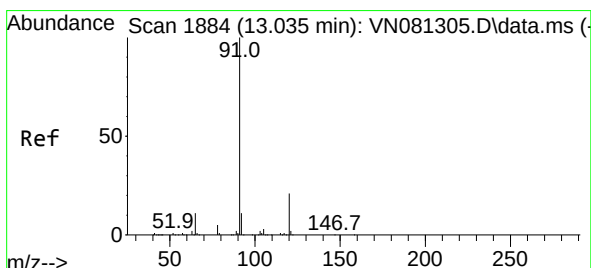
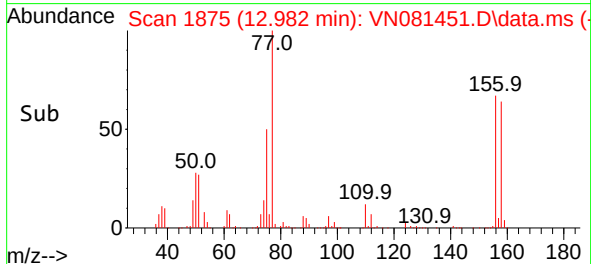
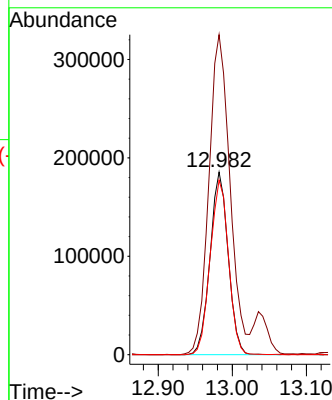
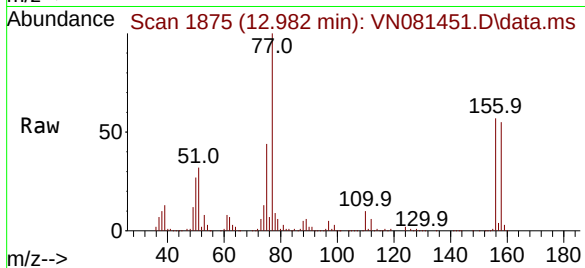
Tgt Ion:156 Resp: 315450

Ion Ratio Lower Upper

156 100

77 204.8 138.1 414.3

158 96.8 46.5 139.5



#78

n-propylbenzene

Concen: 46.791 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN081451.D

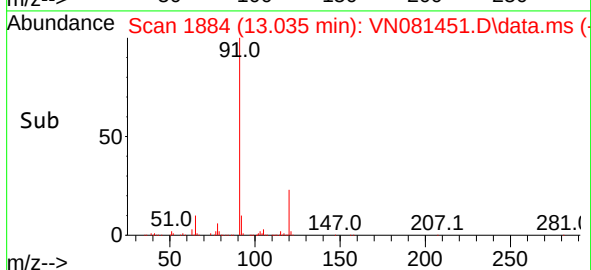
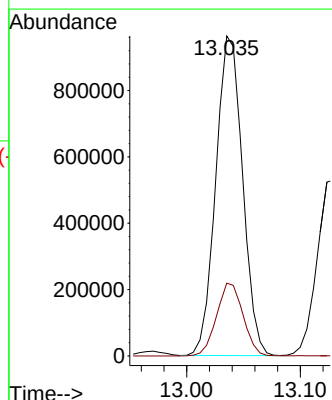
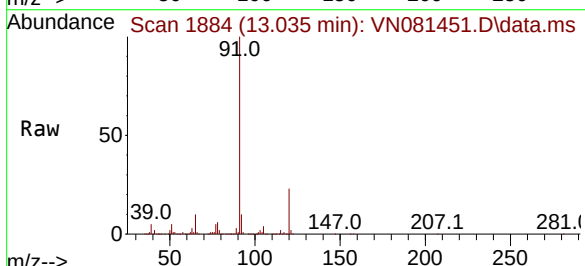
Acq: 18 Mar 2024 15:24

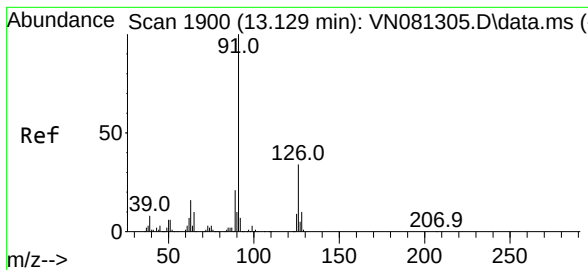
Tgt Ion: 91 Resp: 1578257

Ion Ratio Lower Upper

91 100

120 22.5 10.3 30.9

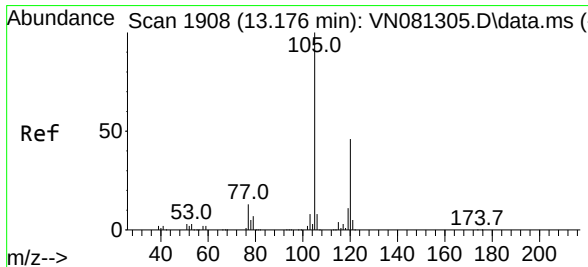
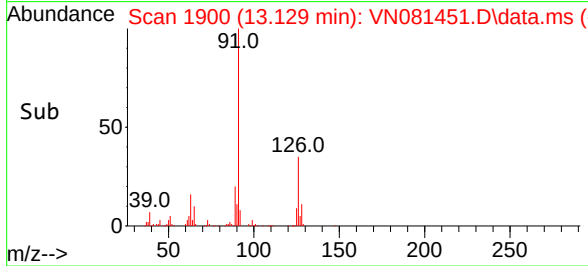
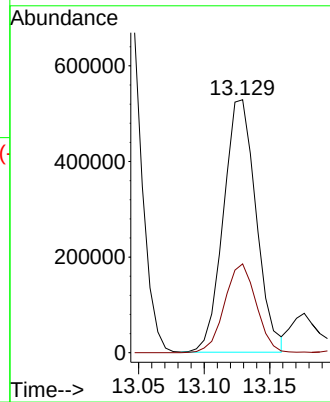
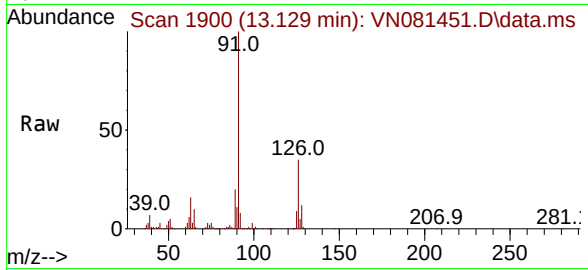




#79
2-Chlorotoluene
Concen: 44.502 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

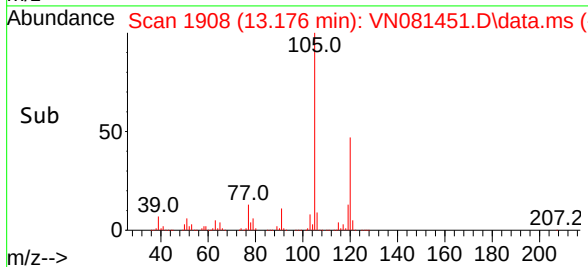
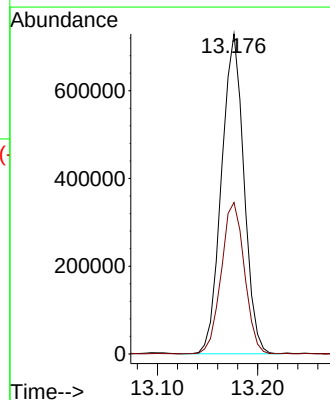
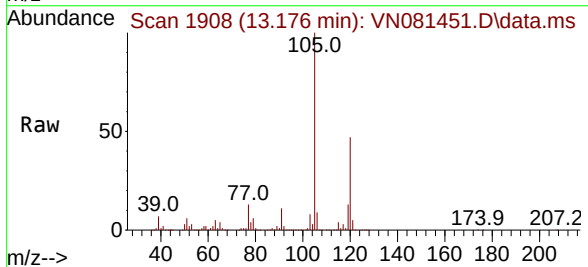
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

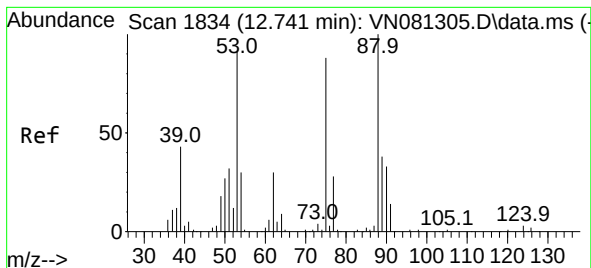
Tgt Ion: 91 Resp: 917505
Ion Ratio Lower Upper
91 100
126 34.0 14.8 44.4



#80
1,3,5-Trimethylbenzene
Concen: 47.871 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

Tgt Ion: 105 Resp: 1128474
Ion Ratio Lower Upper
105 100
120 48.9 23.0 69.0

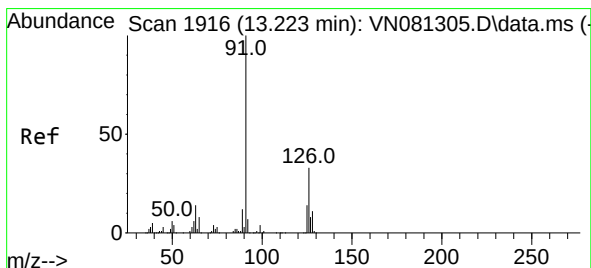
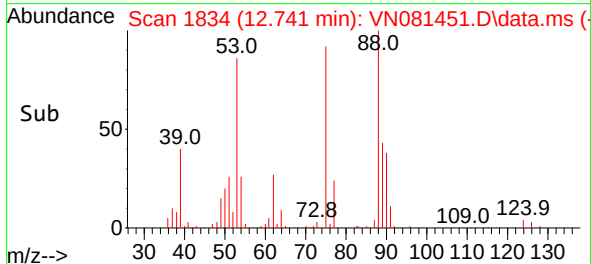
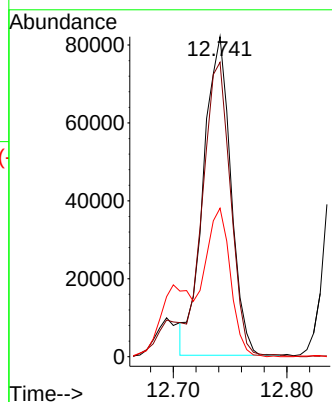
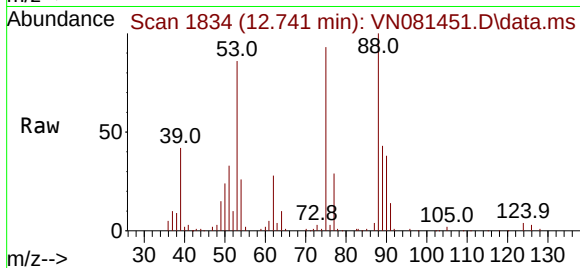




#81
trans-1,4-Dichloro-2-butene
Concen: 45.861 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

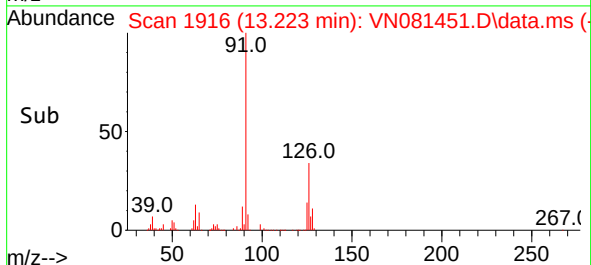
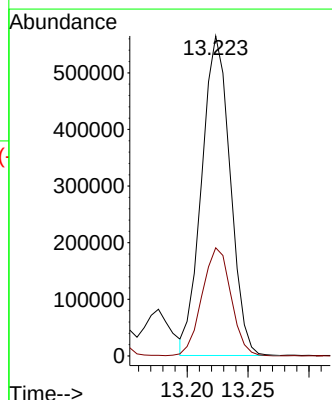
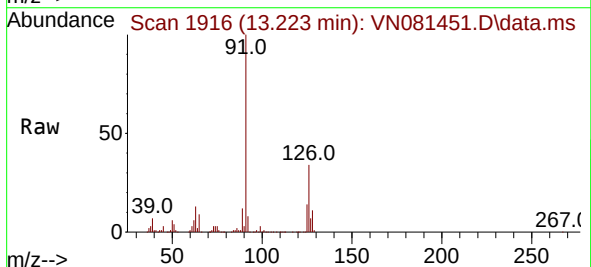
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

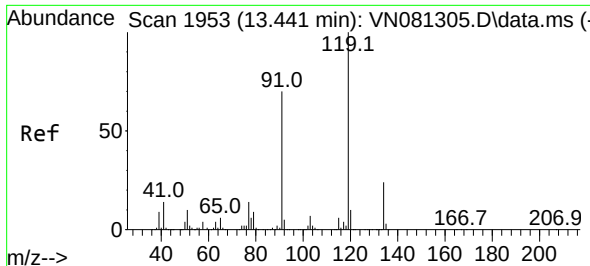
Tgt Ion: 75 Resp: 137074
Ion Ratio Lower Upper
75 100
53 104.8 71.4 107.2
89 43.3 33.4 50.0



#82
4-Chlorotoluene
Concen: 45.193 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

Tgt Ion: 91 Resp: 920324
Ion Ratio Lower Upper
91 100
126 34.3 15.3 45.9

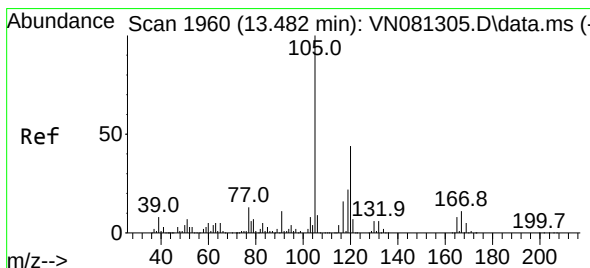
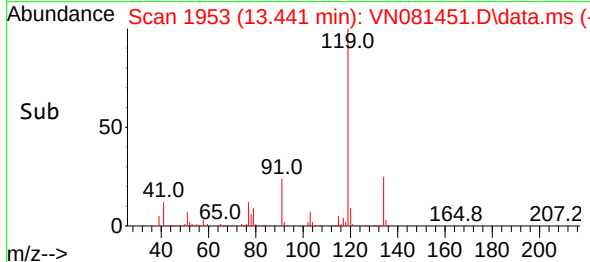
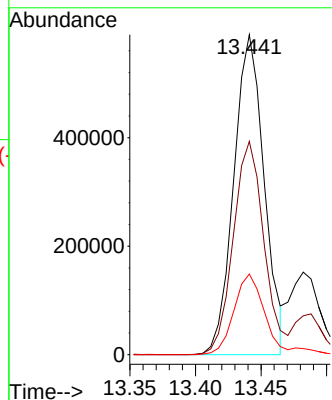
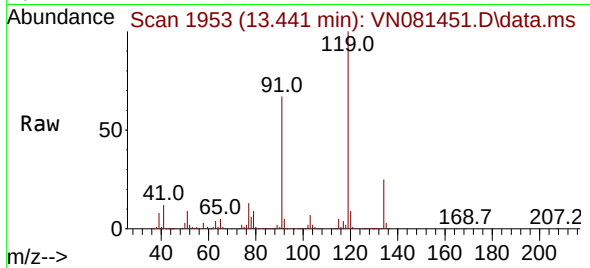




#83
tert-Butylbenzene
Concen: 47.117 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

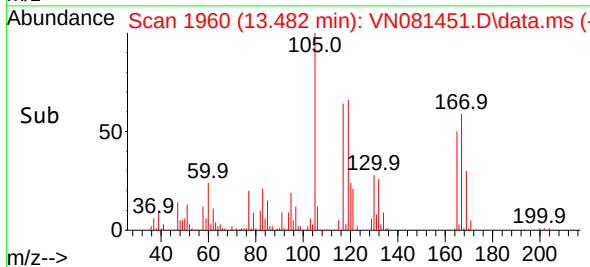
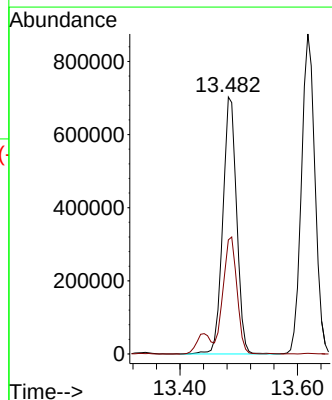
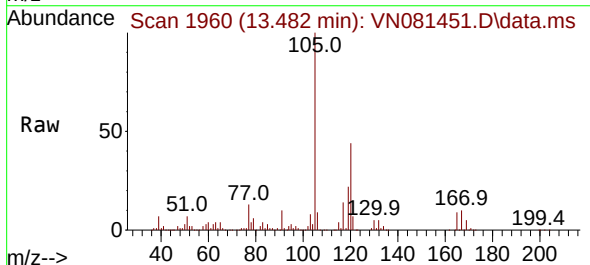
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

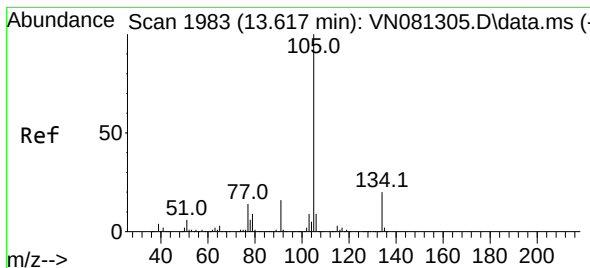
Tgt Ion:119 Resp: 952235
Ion Ratio Lower Upper
119 100
91 67.6 36.8 110.4
134 26.4 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 47.860 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

Tgt Ion:105 Resp: 1143068
Ion Ratio Lower Upper
105 100
120 45.3 20.9 62.7





#85

sec-Butylbenzene

Concen: 47.706 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN081451.D

Acq: 18 Mar 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

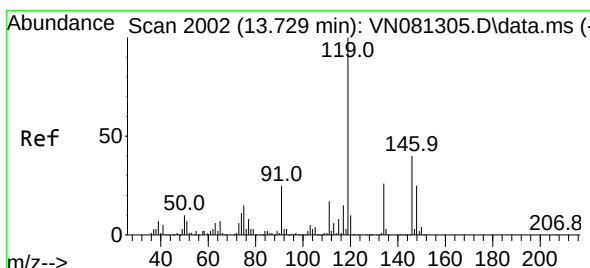
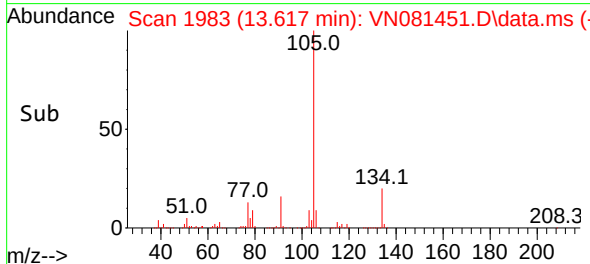
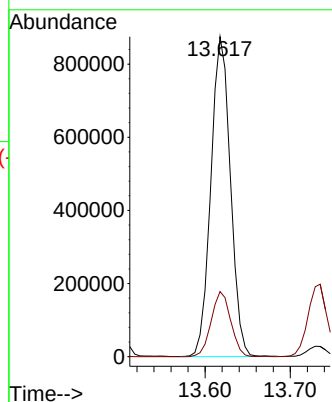
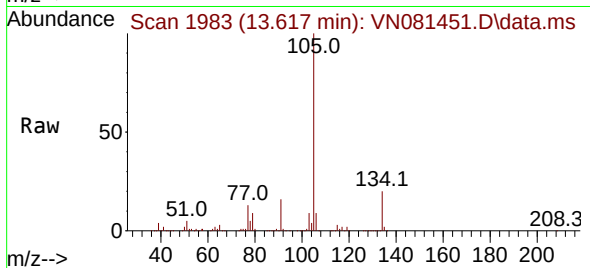
VSTDCCC050

Tgt Ion:105 Resp: 1394789

Ion Ratio Lower Upper

105 100

134 20.3 8.6 25.8



#86

p-Isopropyltoluene

Concen: 50.371 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN081451.D

Acq: 18 Mar 2024 15:24

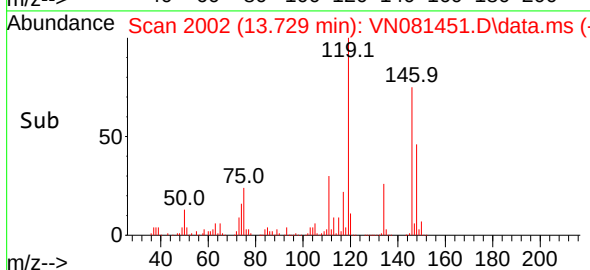
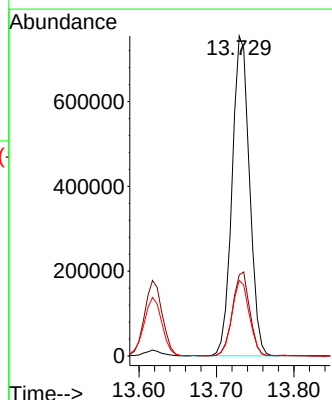
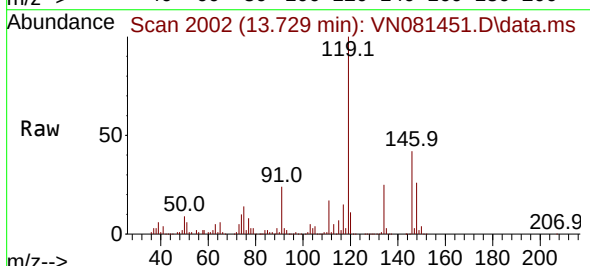
Tgt Ion:119 Resp: 1181062

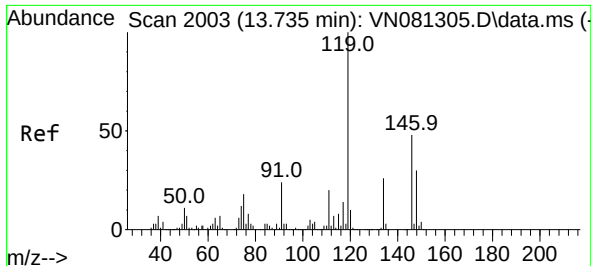
Ion Ratio Lower Upper

119 100

134 25.9 12.4 37.2

91 23.4 13.5 40.4

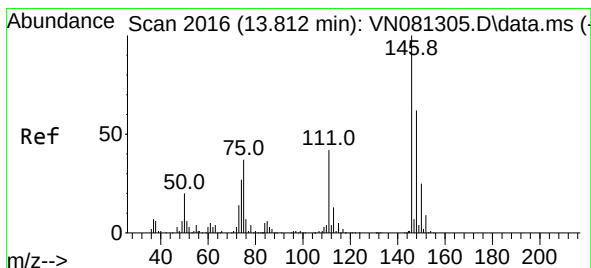
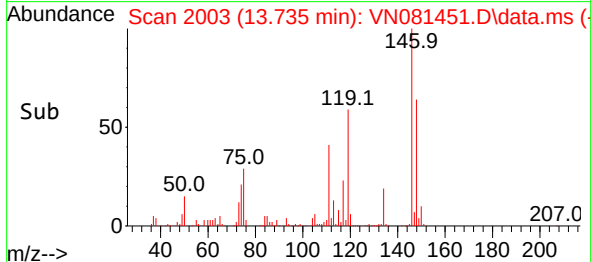
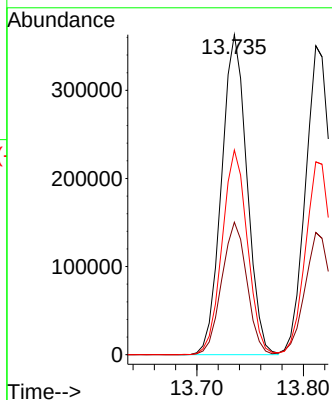
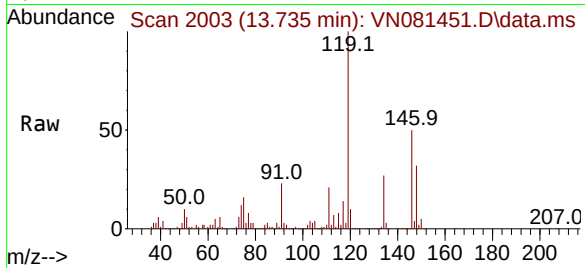




#87
 1,3-Dichlorobenzene
 Concen: 47.236 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN081451.D
 Acq: 18 Mar 2024 15:24

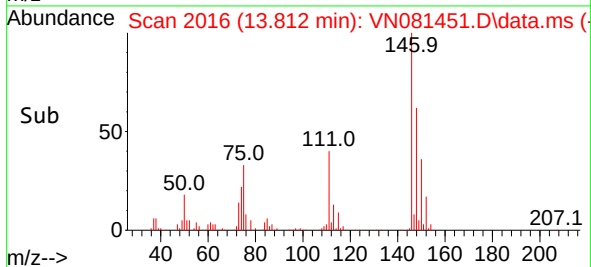
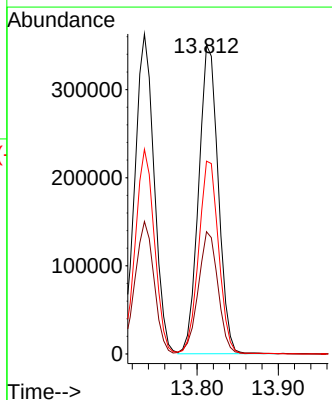
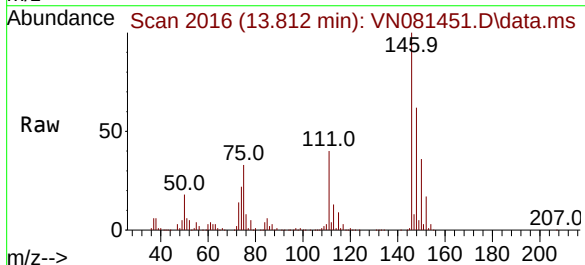
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

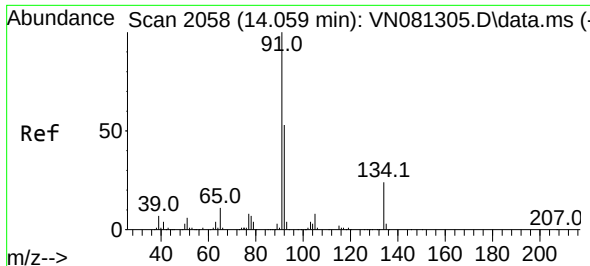
Tgt Ion:146 Resp: 603071
 Ion Ratio Lower Upper
 146 100
 111 40.9 23.9 71.7
 148 63.5 32.6 97.7



#88
 1,4-Dichlorobenzene
 Concen: 45.894 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN081451.D
 Acq: 18 Mar 2024 15:24

Tgt Ion:146 Resp: 585653
 Ion Ratio Lower Upper
 146 100
 111 39.7 22.6 67.7
 148 64.0 31.9 95.5

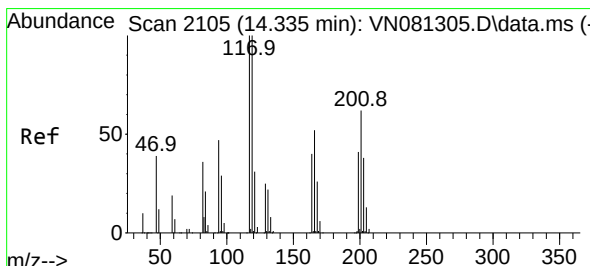
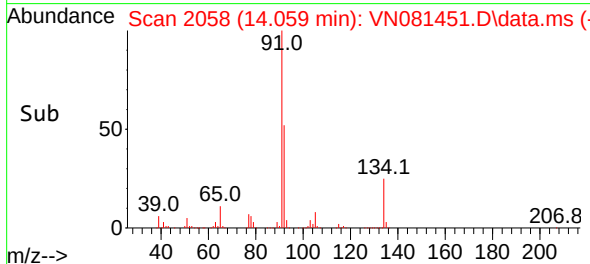
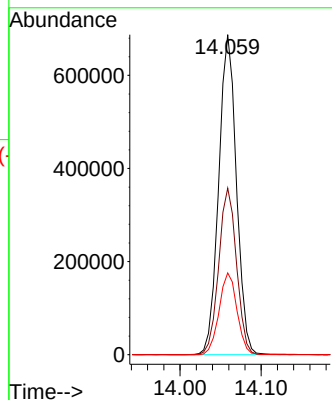
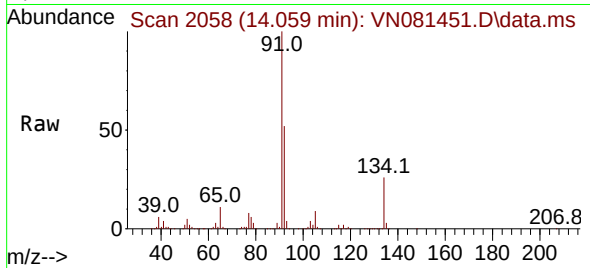




#89
n-Butylbenzene
Concen: 48.545 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

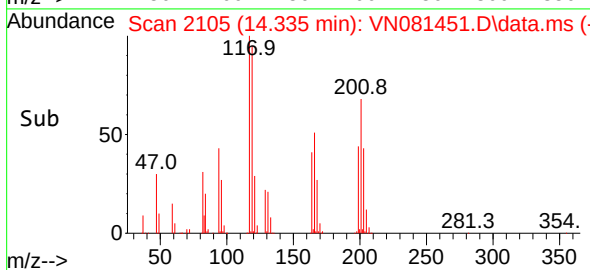
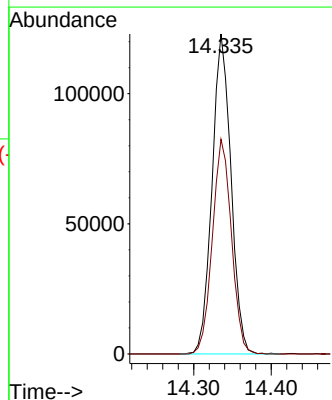
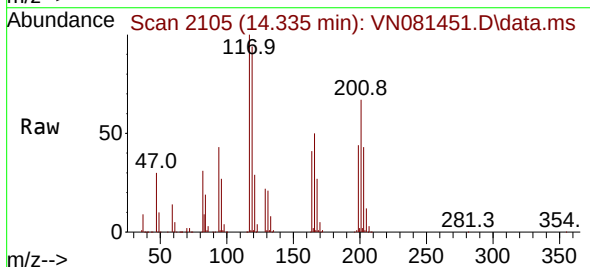
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

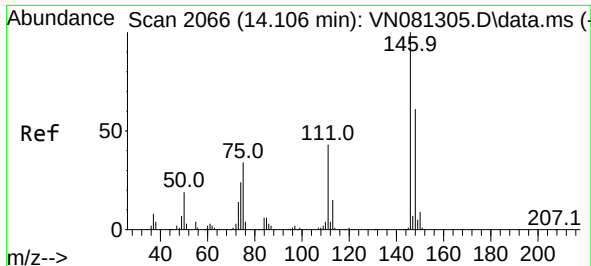
Tgt Ion: 91 Resp: 1043820
Ion Ratio Lower Upper
91 100
92 52.3 26.7 80.1
134 25.8 10.8 32.4



#90
Hexachloroethane
Concen: 50.685 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

Tgt Ion: 117 Resp: 208063
Ion Ratio Lower Upper
117 100
201 67.7 30.0 90.0

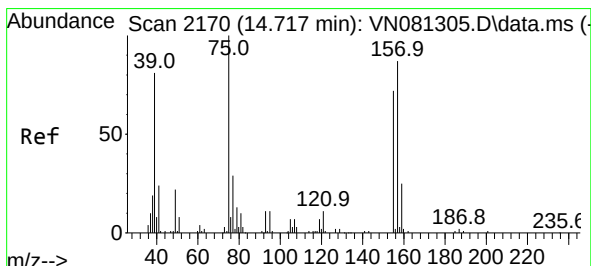
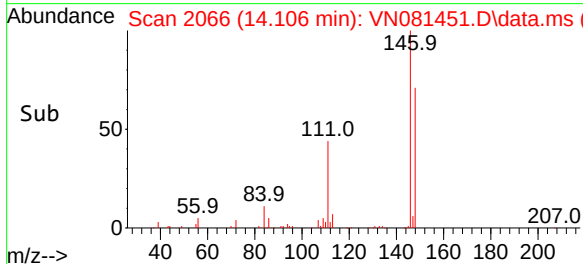
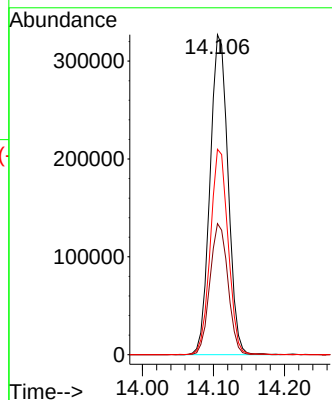
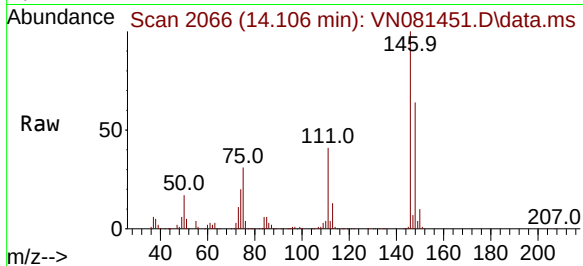




#91
 1,2-Dichlorobenzene
 Concen: 46.958 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: VN081451.D
 Acq: 18 Mar 2024 15:24

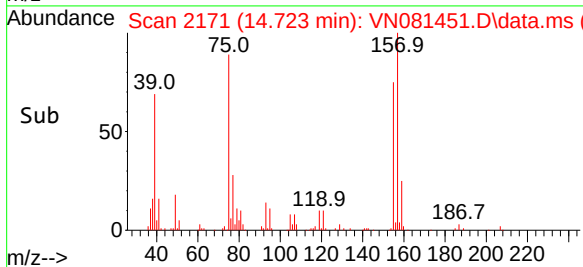
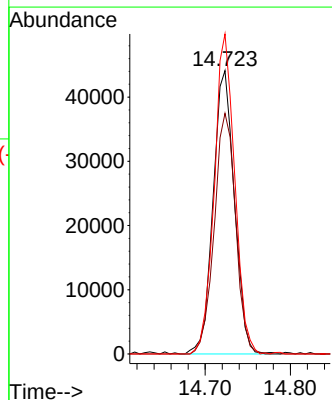
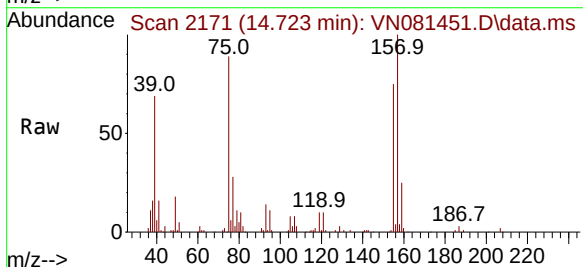
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

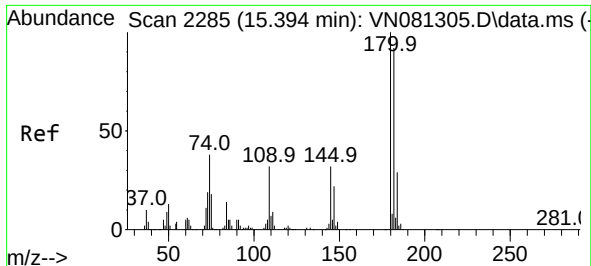
Tgt Ion:146 Resp: 575203
 Ion Ratio Lower Upper
 146 100
 111 41.0 23.9 71.8
 148 63.4 31.4 94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 40.669 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.006 min
 Lab File: VN081451.D
 Acq: 18 Mar 2024 15:24

Tgt Ion: 75 Resp: 76592
 Ion Ratio Lower Upper
 75 100
 155 85.0 31.8 95.4
 157 108.6 41.1 123.4

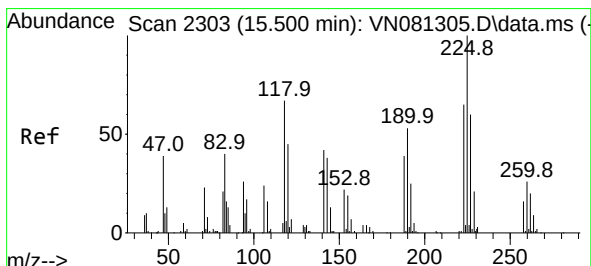
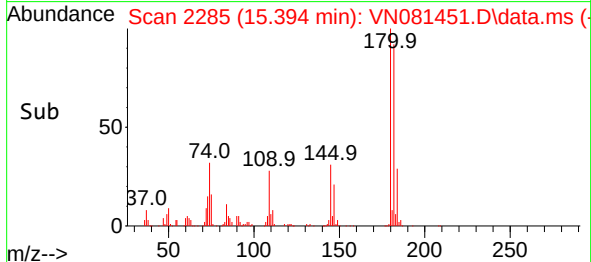
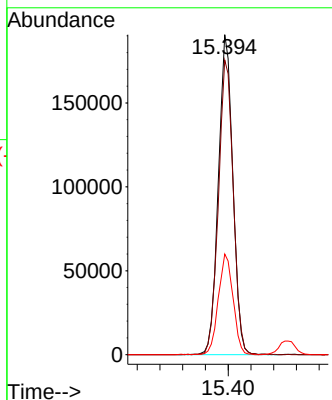
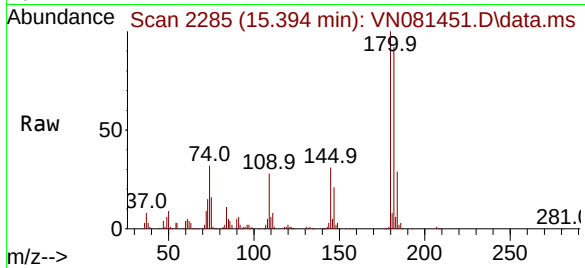




#93
1,2,4-Trichlorobenzene
Concen: 51.599 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

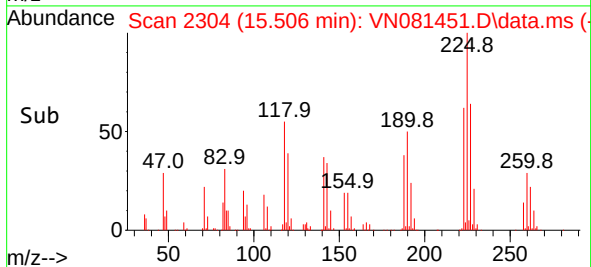
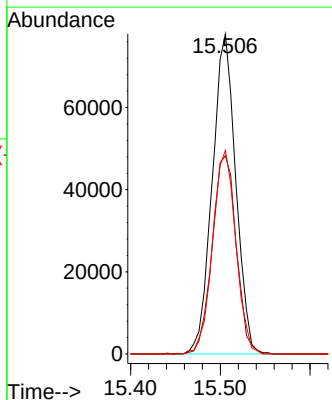
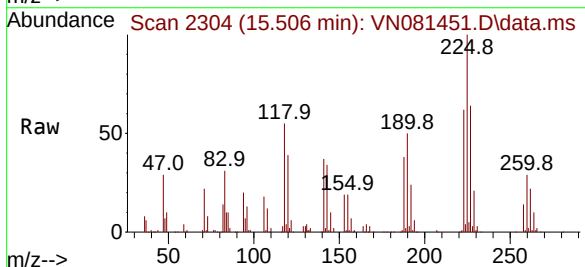
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

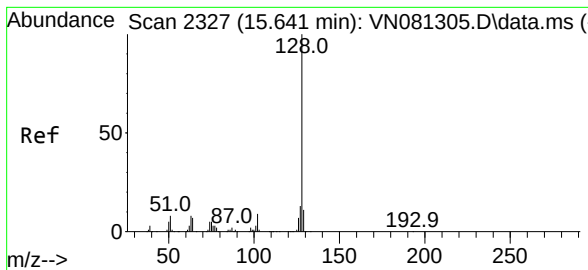
Tgt Ion:180 Resp: 337848
Ion Ratio Lower Upper
180 100
182 94.2 46.6 139.7
145 32.0 16.8 50.3



#94
Hexachlorobutadiene
Concen: 52.259 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

Tgt Ion:225 Resp: 141387
Ion Ratio Lower Upper
225 100
223 63.6 33.3 99.8
227 62.9 33.1 99.2

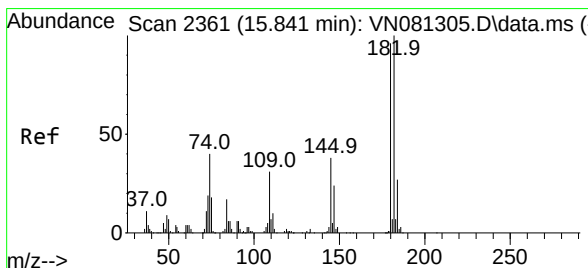
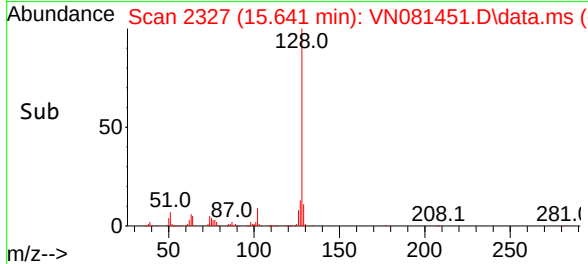
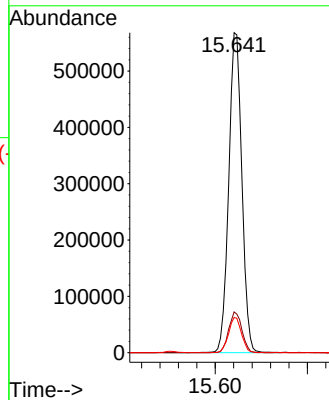
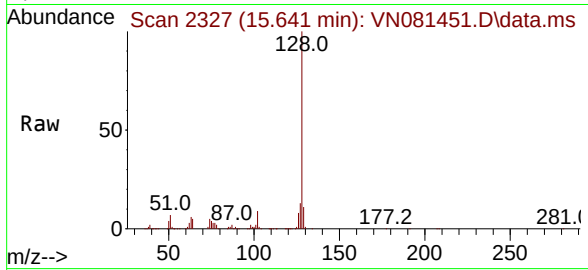




#95
Naphthalene
Concen: 48.014 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 1118639
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.800 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN081451.D
Acq: 18 Mar 2024 15:24

Tgt Ion:180 Resp: 343954
Ion Ratio Lower Upper
180 100
182 93.2 46.5 139.3
145 32.5 17.8 53.4

