

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031824\
 Data File : VN081452.D
 Acq On : 18 Mar 2024 16:03
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 19 05:42:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 05:35:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	460364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	758169	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	702545	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	344121	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	595480	101.430	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 202.860%#	
35) Dibromofluoromethane	8.165	113	506989	105.958	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 211.920%#	
50) Toluene-d8	10.571	98	1889815	109.260	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 218.520%#	
62) 4-Bromofluorobenzene	12.853	95	703191	115.379	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 230.760%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	614271	99.095	ug/l	98
3) Chloromethane	2.359	50	567704	91.984	ug/l	98
4) Vinyl Chloride	2.512	62	693322	100.098	ug/l	98
5) Bromomethane	2.942	94	460781	94.067	ug/l	93
6) Chloroethane	3.112	64	467485	98.301	ug/l	97
7) Trichlorofluoromethane	3.495	101	1056411	102.337	ug/l	93
8) Diethyl Ether	3.959	74	359851	105.334	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.371	101	593408	101.170	ug/l #	87
10) Methyl Iodide	4.589	142	703427	120.428	ug/l	96
11) Tert butyl alcohol	5.518	59	484299	473.363	ug/l #	85
12) 1,1-Dichloroethene	4.342	96	553544	101.885	ug/l	86
13) Acrolein	4.177	56	376600	410.215	ug/l	100
14) Allyl chloride	5.018	41	699810	102.793	ug/l #	82
15) Acrylonitrile	5.712	53	1357843	496.095	ug/l	97
16) Acetone	4.418	43	841049	443.282	ug/l	93
17) Carbon Disulfide	4.712	76	1532805	98.313	ug/l	98
18) Methyl Acetate	5.018	43	602953	103.079	ug/l #	87
19) Methyl tert-butyl Ether	5.794	73	1835135	107.928	ug/l	96
20) Methylene Chloride	5.277	84	613648	98.736	ug/l #	84
21) trans-1,2-Dichloroethene	5.789	96	611003	100.863	ug/l	90
22) Diisopropyl ether	6.671	45	1740623	110.037	ug/l #	92
23) Vinyl Acetate	6.600	43	6951932	552.130	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	1066769	100.687	ug/l	96
25) 2-Butanone	7.483	43	1625459	499.480	ug/l #	86
26) 2,2-Dichloropropane	7.488	77	1010523	109.968	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	710627	103.680	ug/l	85
28) Bromochloromethane	7.812	49	385733	89.386	ug/l #	55
29) Tetrahydrofuran	7.835	42	1129983	515.430	ug/l #	78
30) Chloroform	7.965	83	1165759	102.781	ug/l	97
31) Cyclohexane	8.259	56	923899	96.708	ug/l #	73
32) 1,1,1-Trichloroethane	8.171	97	1071463	104.124	ug/l #	93
36) 1,1-Dichloropropene	8.371	75	882930	109.650	ug/l	95
37) Ethyl Acetate	7.559	43	715269	103.735	ug/l	97
38) Carbon Tetrachloride	8.365	117	960643	108.905	ug/l	99
39) Methylcyclohexane	9.600	83	1074820	119.527	ug/l	85
40) Benzene	8.606	78	2553293	108.460	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	380450	104.334	ug/l #	91
42) 1,2-Dichloroethane	8.671	62	880663	106.299	ug/l	98
43) Isopropyl Acetate	8.688	43	1230389	107.651	ug/l #	91
44) Trichloroethene	9.353	130	712040	107.541	ug/l	94
45) 1,2-Dichloropropane	9.624	63	630414	110.495	ug/l	97
46) Dibromomethane	9.712	93	464047	107.102	ug/l #	87
47) Bromodichloromethane	9.888	83	938206	110.752	ug/l #	98
48) Methyl methacrylate	9.682	41	590366	111.987	ug/l #	85
49) 1,4-Dioxane	9.694	88	258597	2041.213	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	3835898	550.013	ug/l	91
52) Toluene	10.629	92	1698621	113.523	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	1051847	114.989	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	1105784	112.749	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	638772	106.079	ug/l	93
56) Ethyl methacrylate	10.876	69	993179	99.988	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	1091349	110.556	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	1017930	268.656	ug/l #	86
59) 2-Hexanone	11.194	43	2911114	564.574	ug/l	92
60) Dibromochloromethane	11.359	129	741019	111.896	ug/l	99
61) 1,2-Dibromoethane	11.470	107	678862	110.578	ug/l	97
64) Tetrachloroethene	11.106	164	716955	106.762	ug/l	92
65) Chlorobenzene	11.894	112	1790633	107.816	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	687317	111.660	ug/l	96
67) Ethyl Benzene	11.965	91	3360632	116.488	ug/l	98
68) m/p-Xylenes	12.070	106	2593691	239.818	ug/l	94
69) o-Xylene	12.400	106	1247481	117.492	ug/l	96
70) Styrene	12.412	104	2096232	122.414	ug/l	96
71) Bromoform	12.582	173	521708	112.789	ug/l #	96
73) Isopropylbenzene	12.700	105	3332020	113.592	ug/l	98
74) N-amyl acetate	12.494	43	1221772	115.095	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	841944	97.623	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	1221007	148.671	ug/l	63
77) Bromobenzene	12.982	156	754297	104.097	ug/l	72
78) n-propylbenzene	13.035	91	4010676	115.778	ug/l	96
79) 2-Chlorotoluene	13.129	91	2267320	109.358	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	2796554	115.427	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	339872	111.576	ug/l	86
82) 4-Chlorotoluene	13.223	91	2295424	112.296	ug/l	94
83) tert-Butylbenzene	13.441	119	2337071	111.862	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	2823356	115.946	ug/l	97
85) sec-Butylbenzene	13.617	105	3486991	116.752	ug/l	95
86) p-Isopropyltoluene	13.729	119	2920609	119.627	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	1417510	106.473	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	1416330	102.742	ug/l	96
89) n-Butylbenzene	14.059	91	2644571	122.157	ug/l	97
90) Hexachloroethane	14.335	117	514728	111.324	ug/l	89
91) 1,2-Dichlorobenzene	14.106	146	1328929	103.710	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	189998	103.517	ug/l	71
93) 1,2,4-Trichlorobenzene	15.394	180	851569	114.935	ug/l	98
94) Hexachlorobutadiene	15.506	225	352486	108.429	ug/l	94
95) Naphthalene	15.641	128	2817582	117.360	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	835235	112.073	ug/l	96

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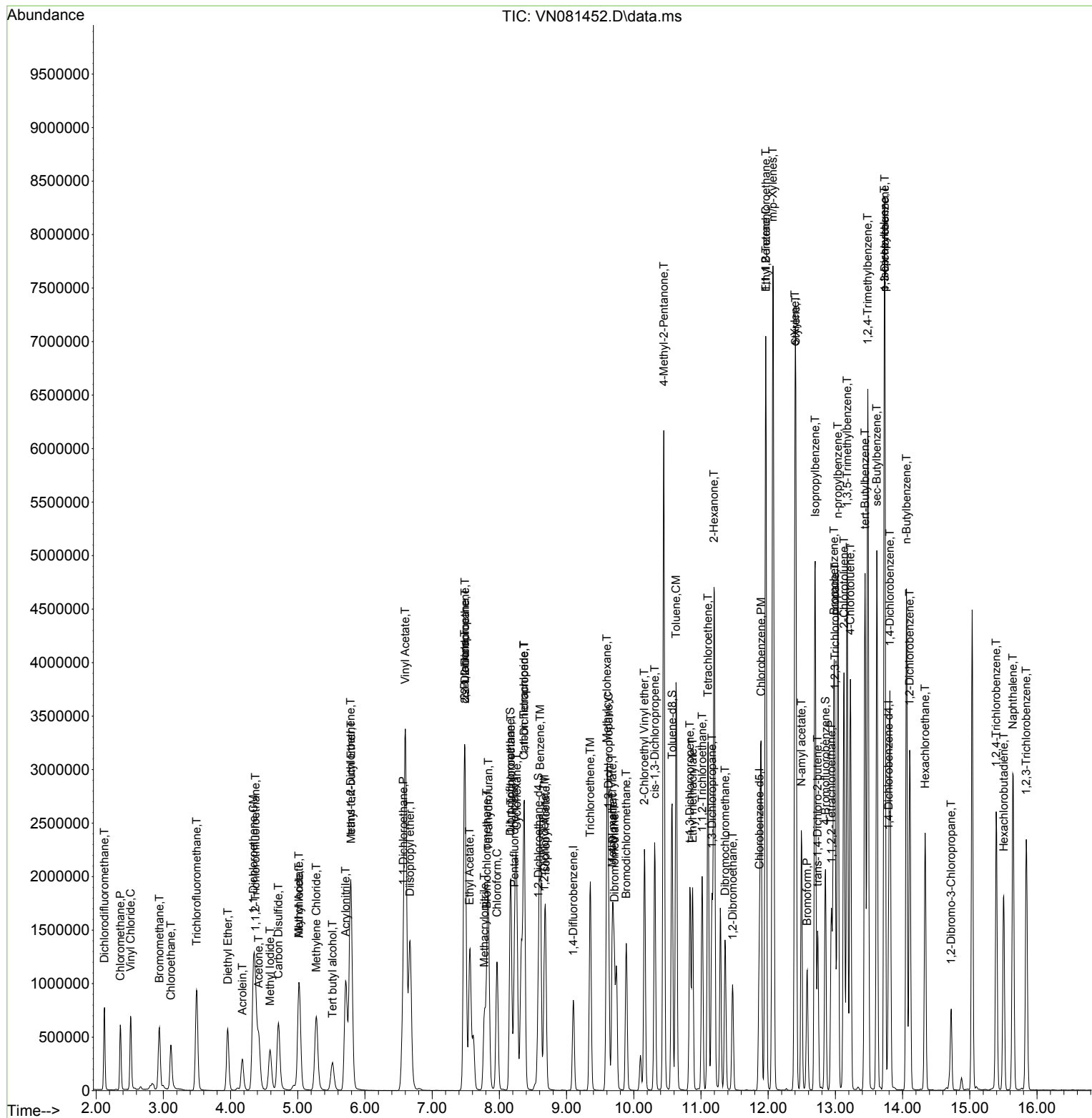
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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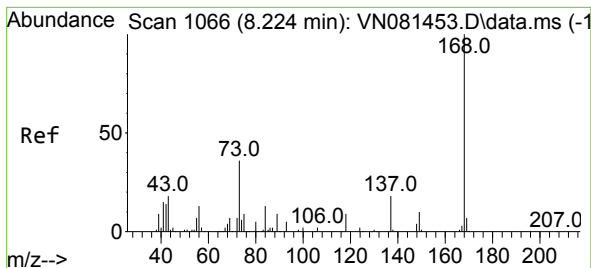
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

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Instrument :

MSVOA_N

ClientSampleId :

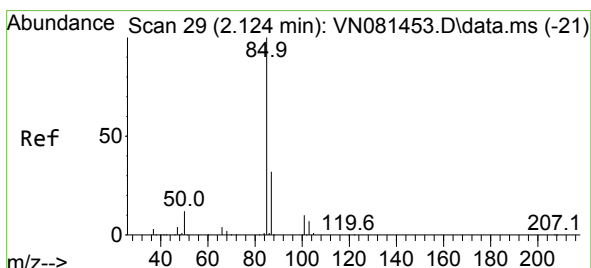
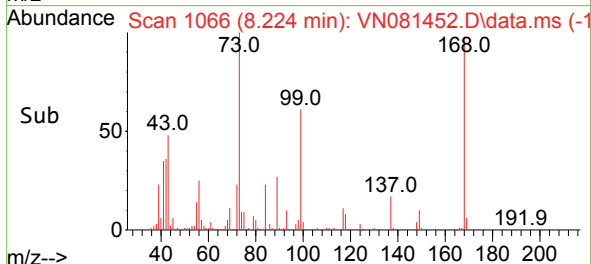
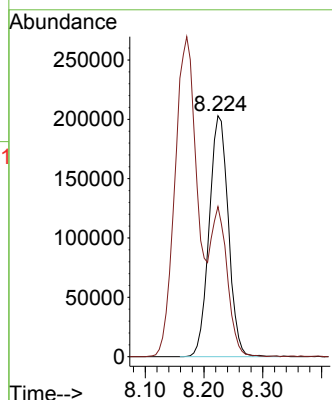
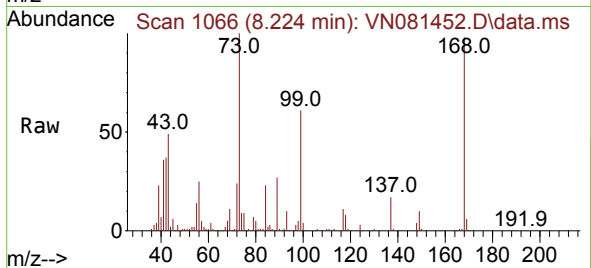
VSTDIC100

Tgt Ion:168 Resp: 460364

Ion Ratio Lower Upper

168 100

99 62.2 59.9 89.9



#2

Dichlorodifluoromethane

Concen: 99.095 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN081452.D

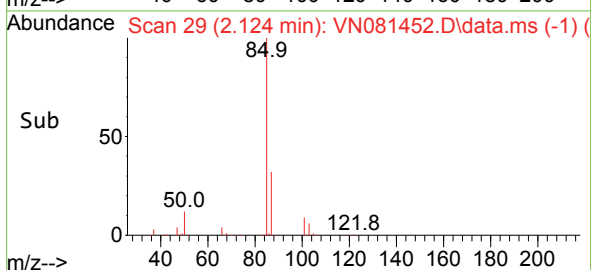
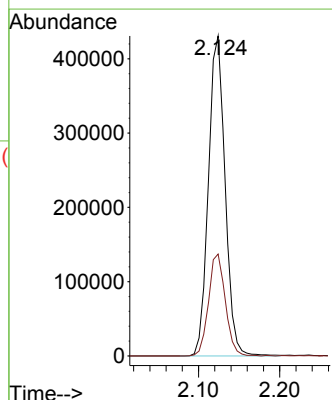
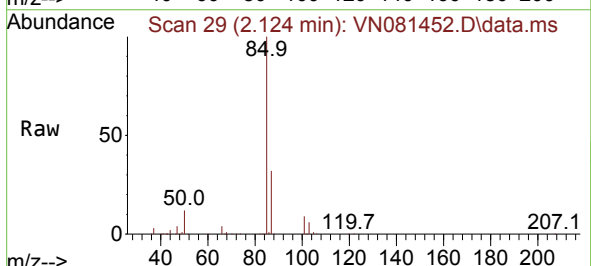
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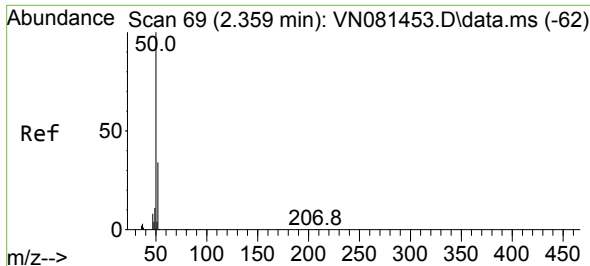
Tgt Ion: 85 Resp: 614271

Ion Ratio Lower Upper

85 100

87 31.8 15.3 45.9

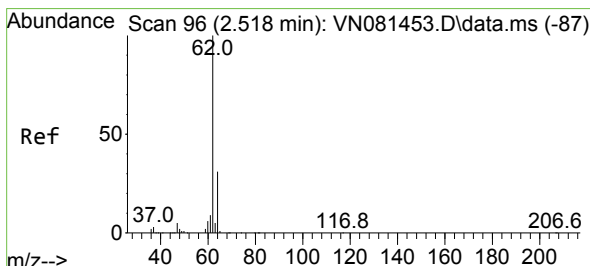
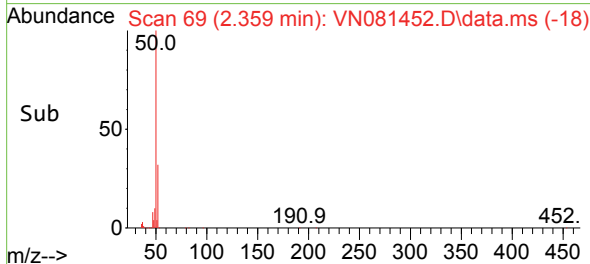
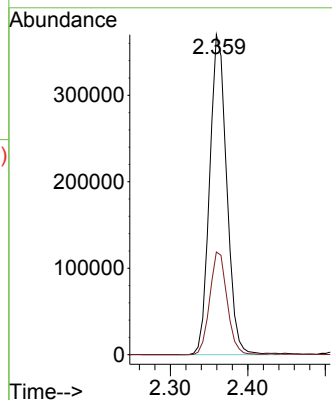
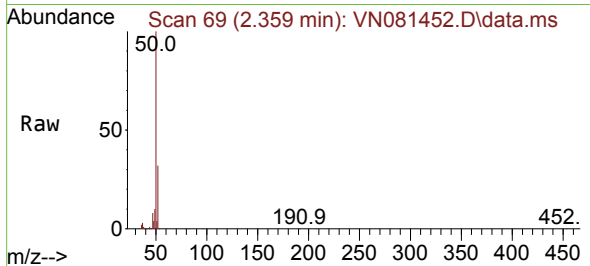




#3
Chloromethane
Concen: 91.984 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081452.D
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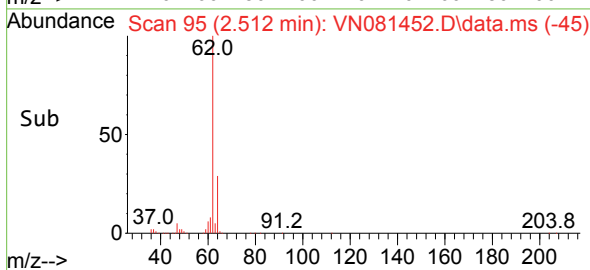
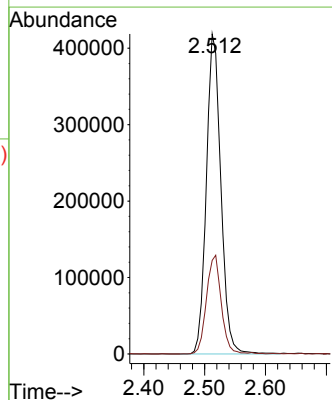
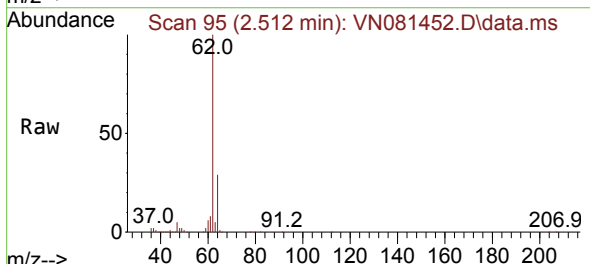
Instrument :
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ClientSampleId :
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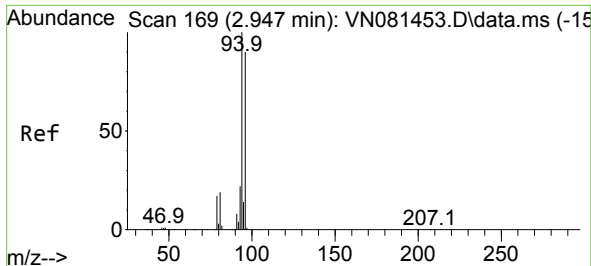
Tgt Ion: 50 Resp: 567704
Ion Ratio Lower Upper
50 100
52 32.1 25.0 37.4



#4
Vinyl Chloride
Concen: 100.098 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

Tgt Ion: 62 Resp: 693322
Ion Ratio Lower Upper
62 100
64 29.2 22.7 34.1

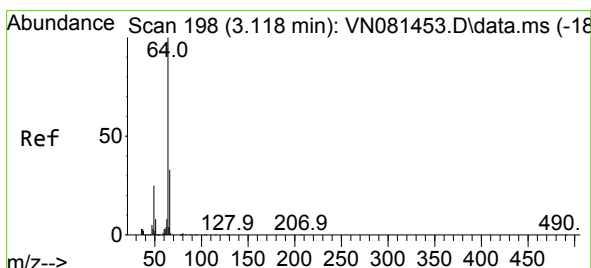
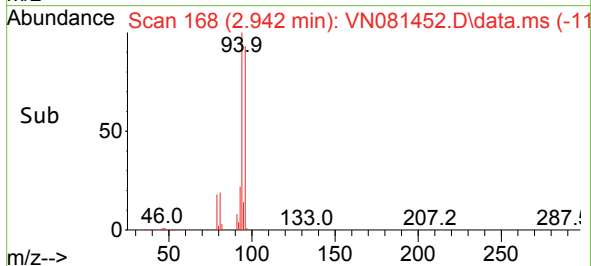
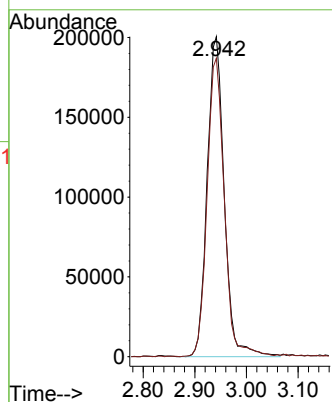
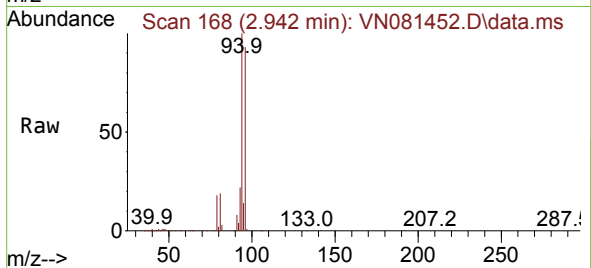




#5
Bromomethane
Concen: 94.067 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN081452.D
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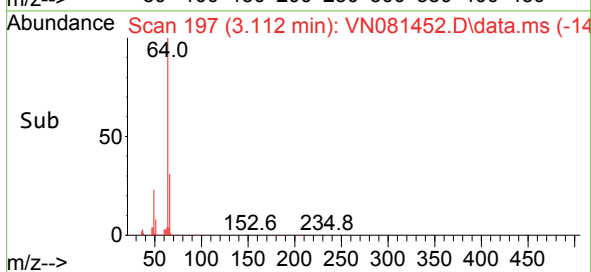
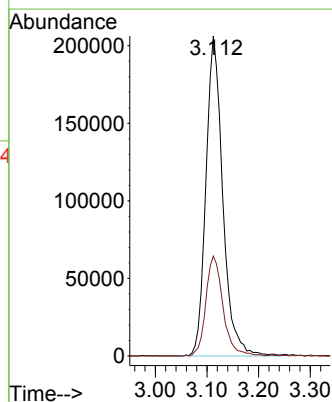
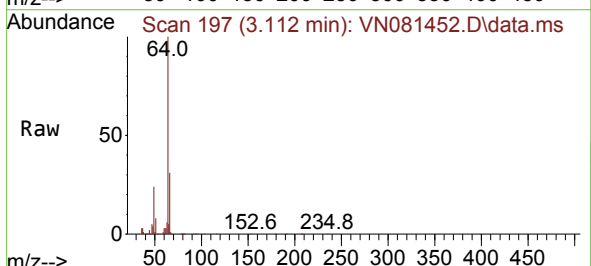
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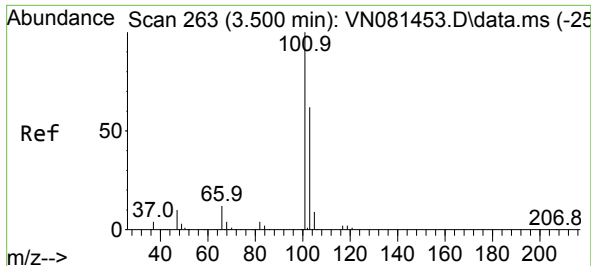
Tgt Ion: 94 Resp: 460781
Ion Ratio Lower Upper
94 100
96 93.3 69.2 103.8



#6
Chloroethane
Concen: 98.301 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

Tgt Ion: 64 Resp: 467485
Ion Ratio Lower Upper
64 100
66 31.2 26.4 39.6

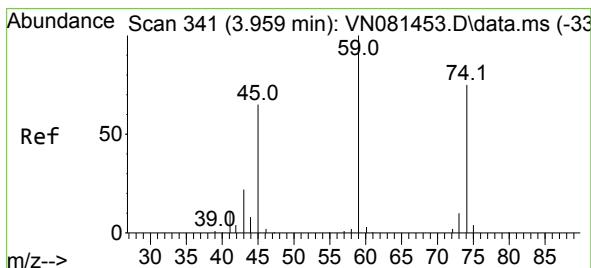
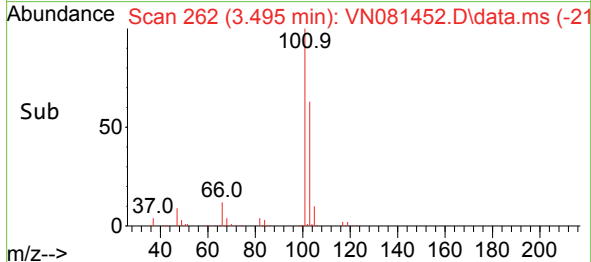
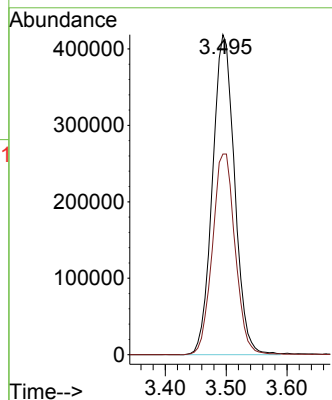
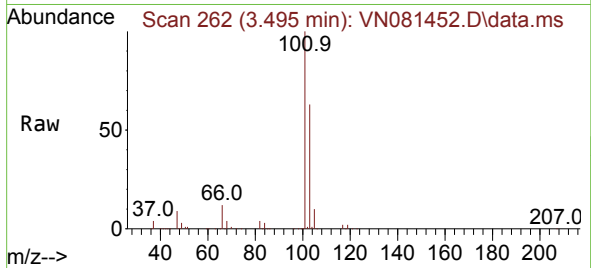




#7
Trichlorofluoromethane
Concen: 102.337 ug/l
RT: 3.495 min Scan# 263
Delta R.T. -0.006 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

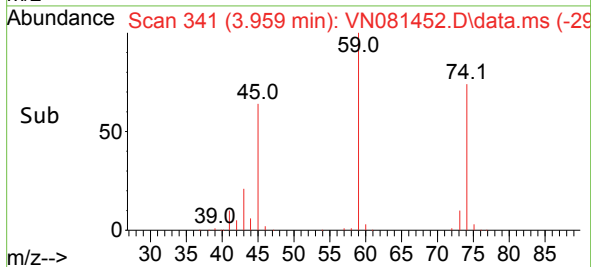
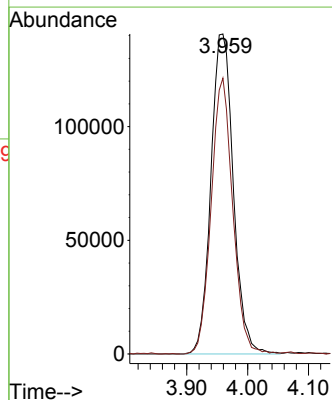
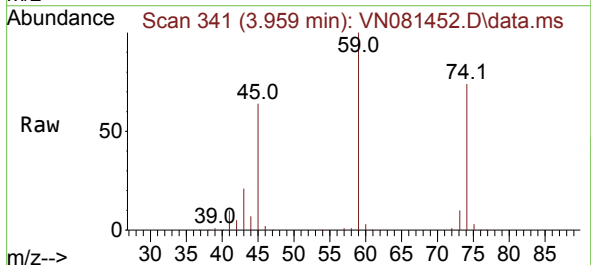
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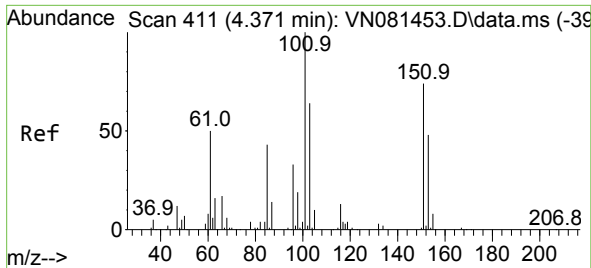
Tgt Ion:101 Resp: 1056411
Ion Ratio Lower Upper
101 100
103 62.7 54.4 81.6



#8
Diethyl Ether
Concen: 105.334 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
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Acq: 18 Mar 2024 16:03

Tgt Ion: 74 Resp: 359851
Ion Ratio Lower Upper
74 100
45 82.8 53.3 159.9

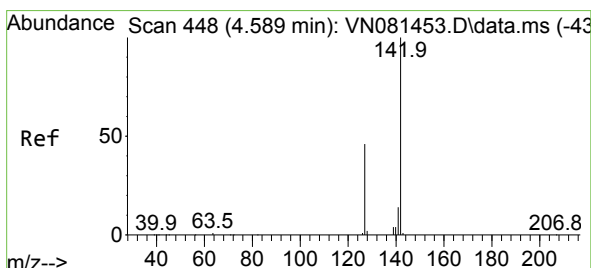
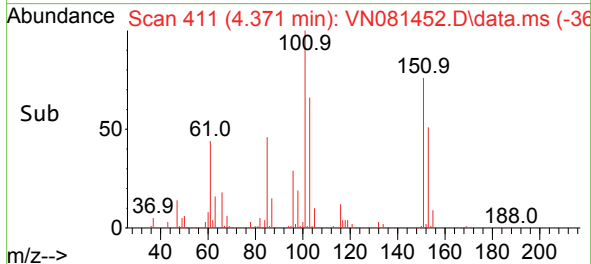
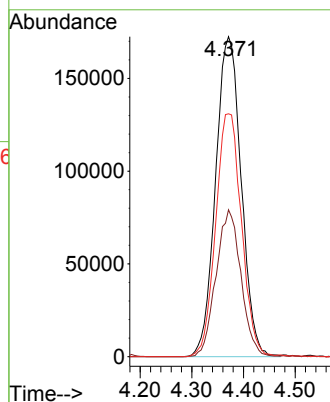
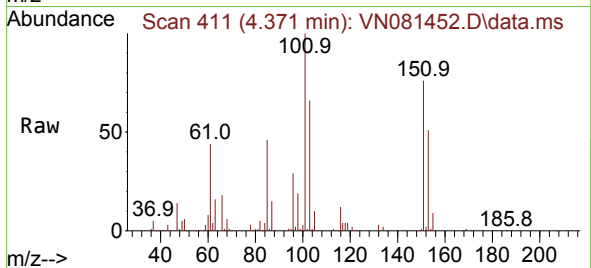




#9
1,1,2-Trichlorotrifluoroethane
Concen: 101.170 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

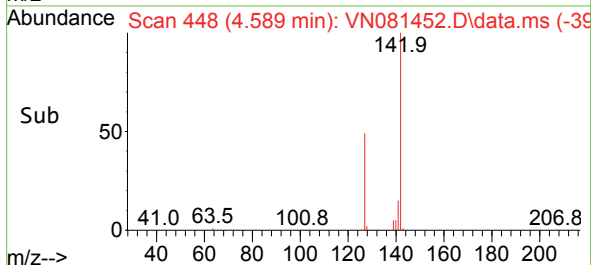
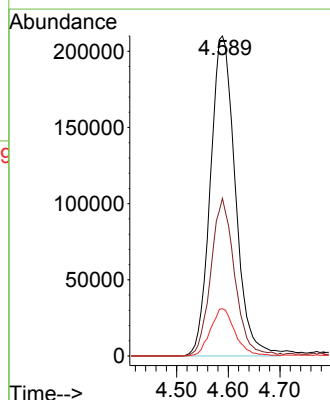
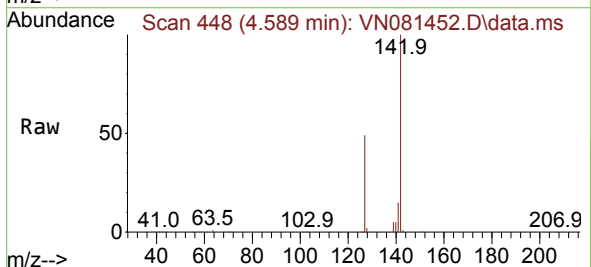
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

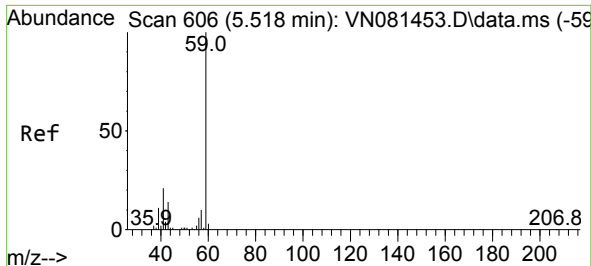
Tgt Ion:101 Resp: 593408
Ion Ratio Lower Upper
101 100
85 44.7 38.1 57.1
151 76.5 49.1 73.7#



#10
Methyl Iodide
Concen: 120.428 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

Tgt Ion:142 Resp: 703427
Ion Ratio Lower Upper
142 100
127 49.2 37.0 55.4
141 14.7 12.5 18.7

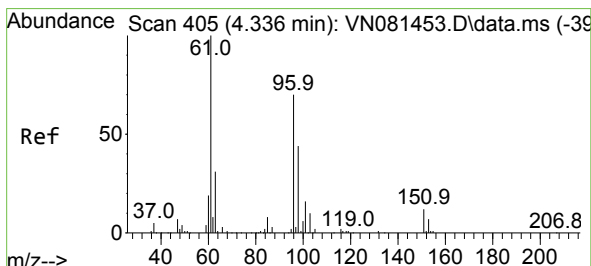
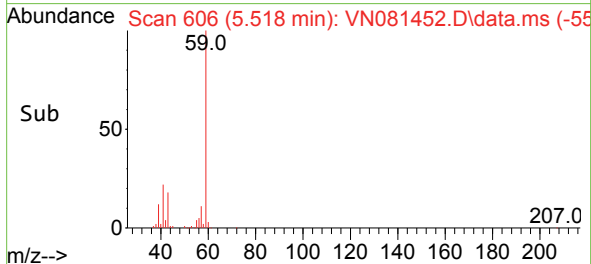
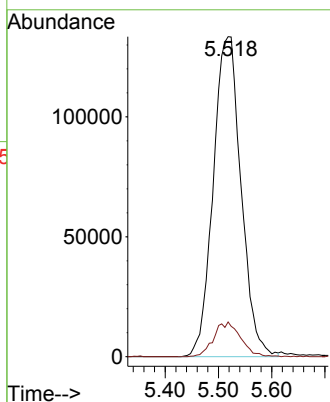
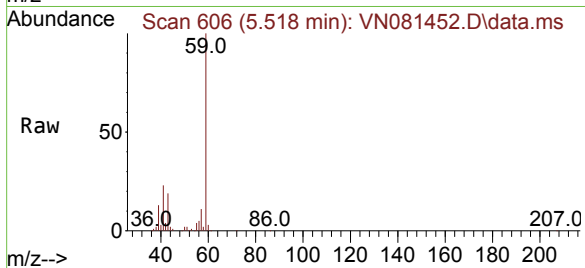




#11
Tert butyl alcohol
Concen: 473.363 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

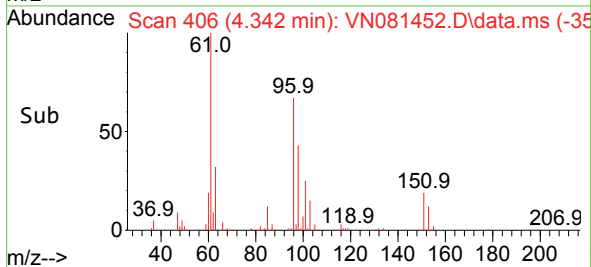
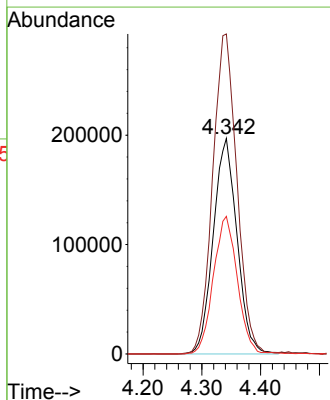
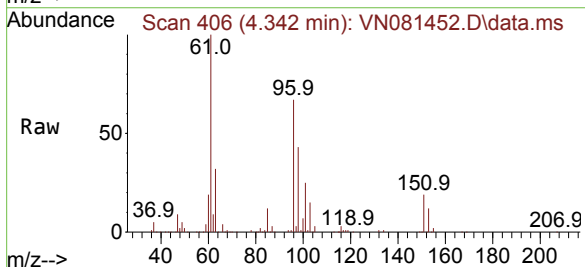
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

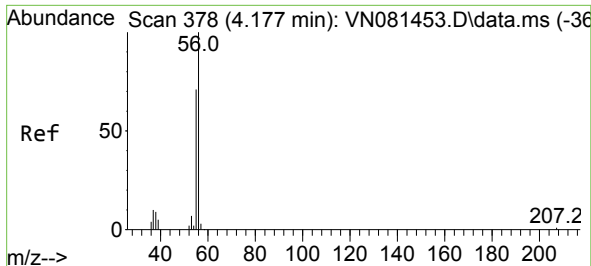
Tgt Ion: 59 Resp: 484299
Ion Ratio Lower Upper
59 100
57 4.9 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 101.885 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

Tgt Ion: 96 Resp: 553544
Ion Ratio Lower Upper
96 100
61 148.5 138.2 207.4
98 63.8 49.2 73.8





#13

Acrolein

Concen: 410.215 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN081452.D

Acq: 18 Mar 2024 16:03

Instrument :

MSVOA_N

ClientSampleId :

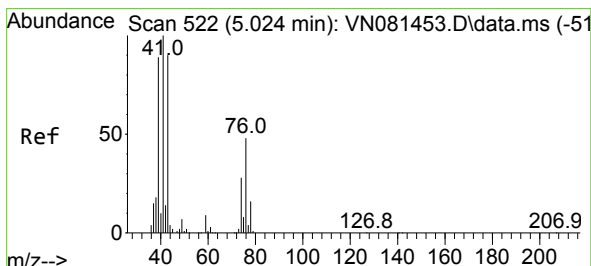
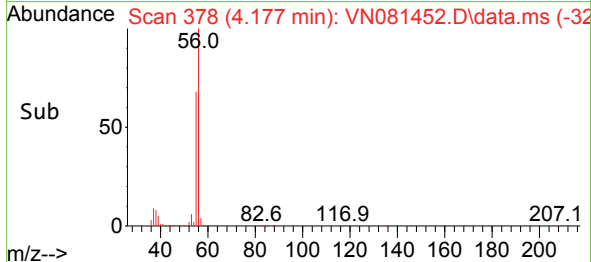
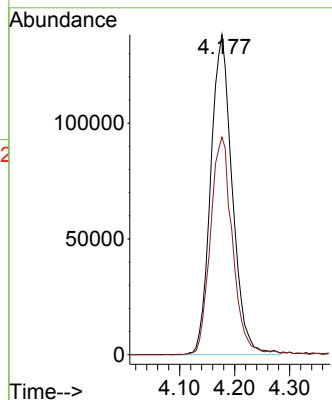
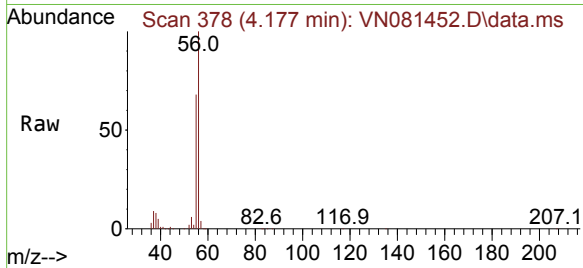
VSTDICC100

Tgt Ion: 56 Resp: 376600

Ion Ratio Lower Upper

56 100

55 69.0 55.3 82.9



#14

Allyl chloride

Concen: 102.793 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.006 min

Lab File: VN081452.D

Acq: 18 Mar 2024 16:03

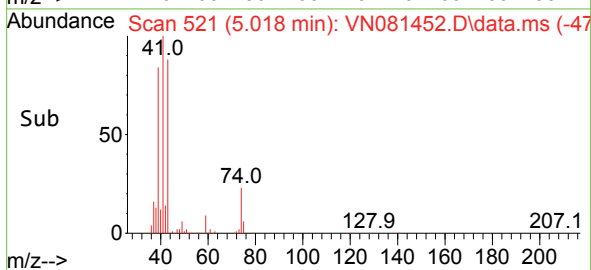
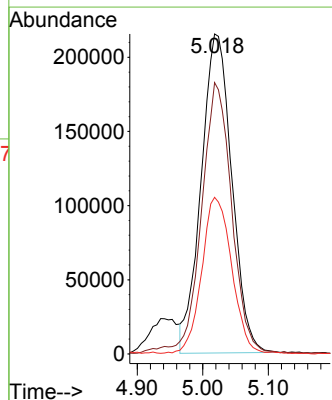
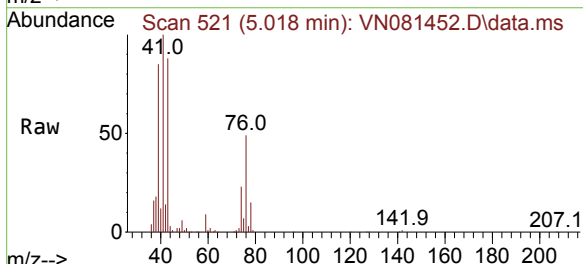
Tgt Ion: 41 Resp: 699810

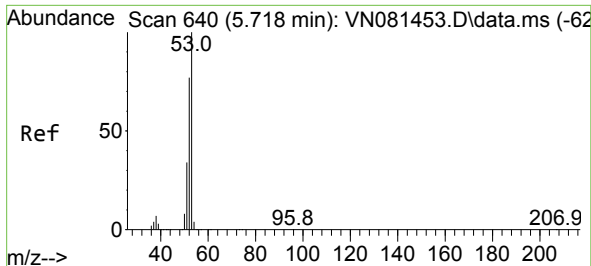
Ion Ratio Lower Upper

41 100

39 84.9 57.7 86.5

76 47.8 26.8 40.2#

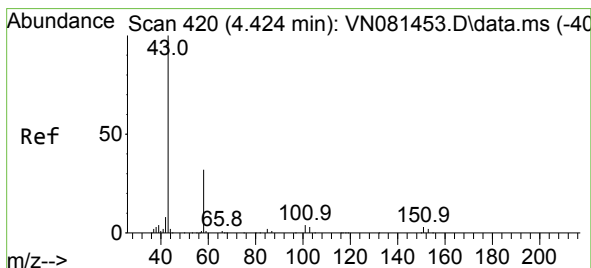
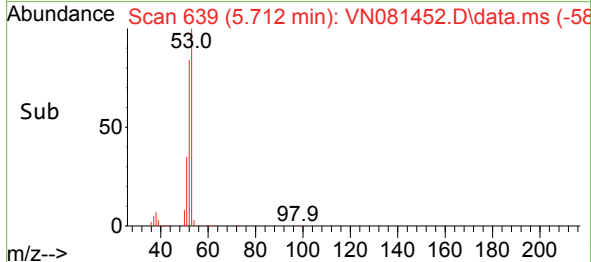
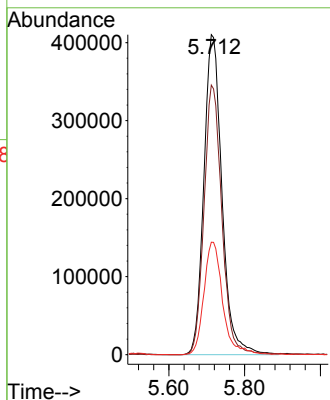
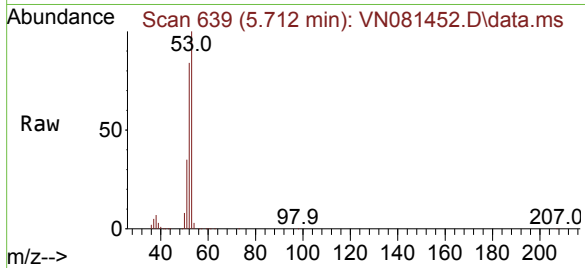




#15
Acrylonitrile
Concen: 496.095 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

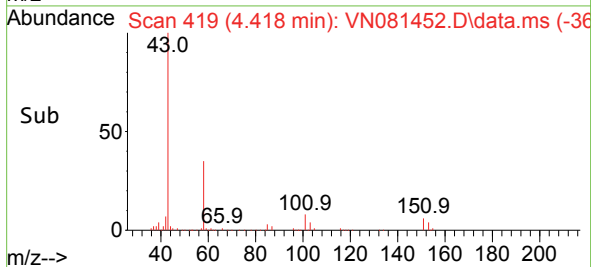
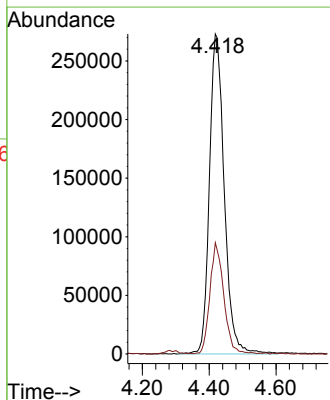
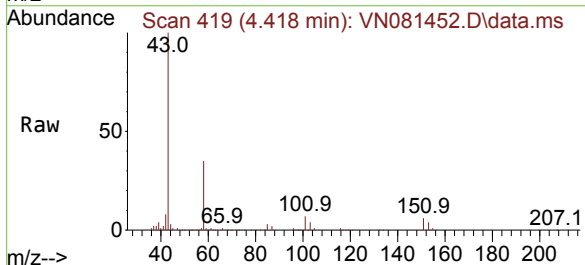
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

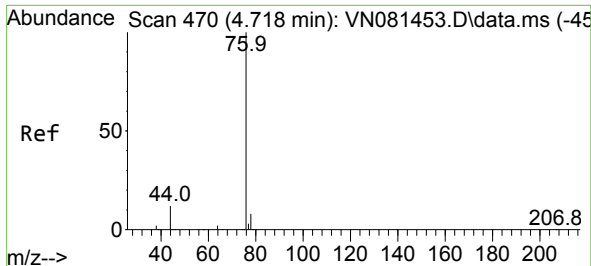
Tgt Ion: 53 Resp: 1357843
Ion Ratio Lower Upper
53 100
52 82.8 64.8 97.2
51 36.5 26.9 40.3



#16
Acetone
Concen: 443.282 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

Tgt Ion: 43 Resp: 841049
Ion Ratio Lower Upper
43 100
58 34.6 24.8 37.2

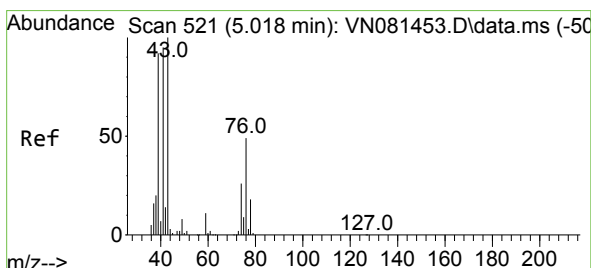
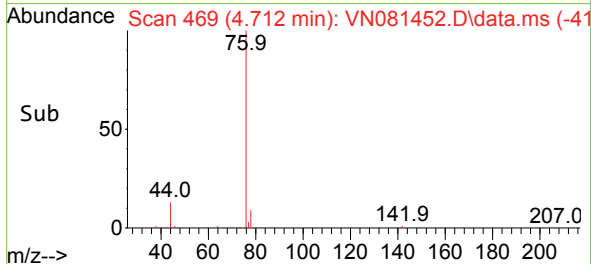
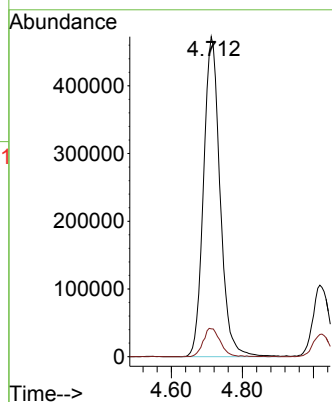
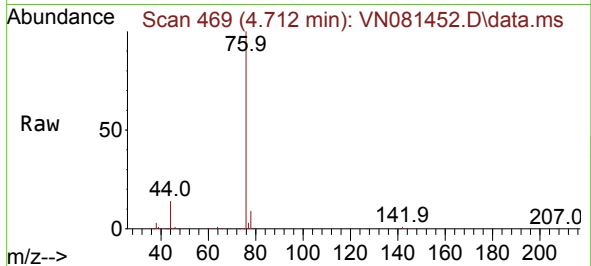




#17
Carbon Disulfide
Concen: 98.313 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

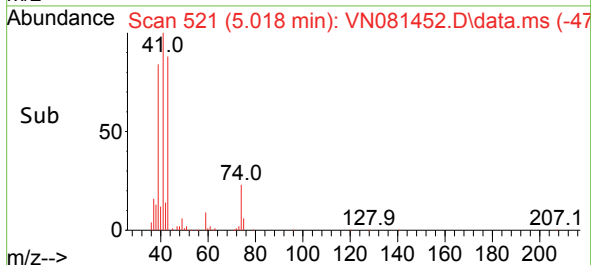
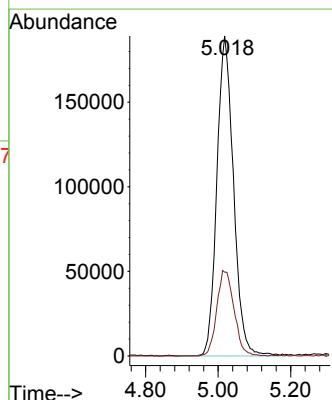
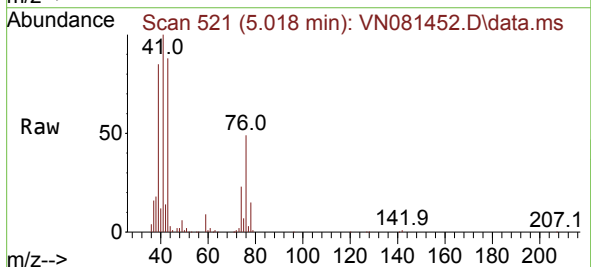
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

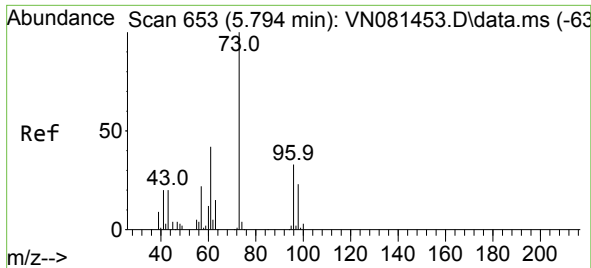
Tgt Ion: 76 Resp: 1532805
Ion Ratio Lower Upper
76 100
78 8.7 6.3 9.5



#18
Methyl Acetate
Concen: 103.079 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

Tgt Ion: 43 Resp: 602953
Ion Ratio Lower Upper
43 100
74 27.7 17.3 25.9#

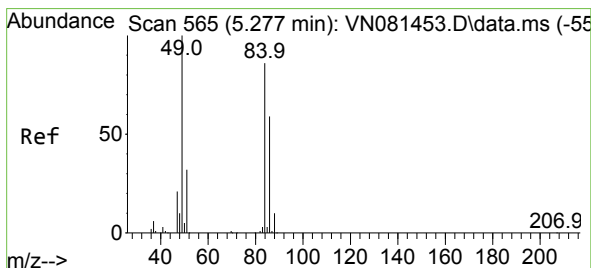
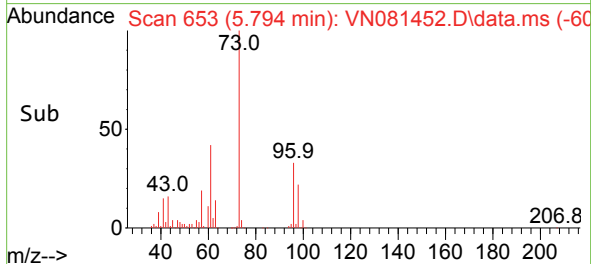
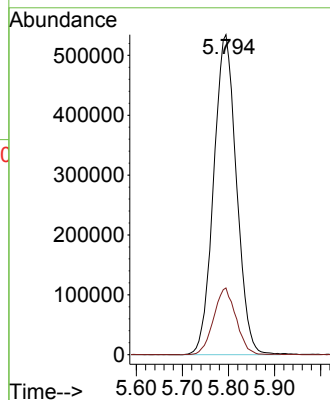
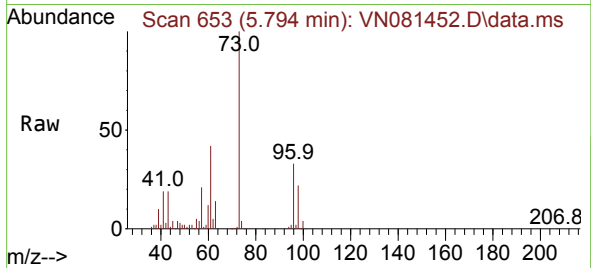




#19
Methyl tert-butyl Ether
Concen: 107.928 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

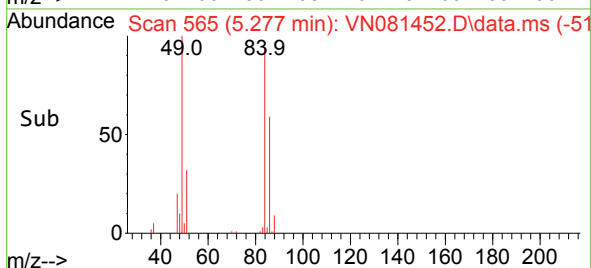
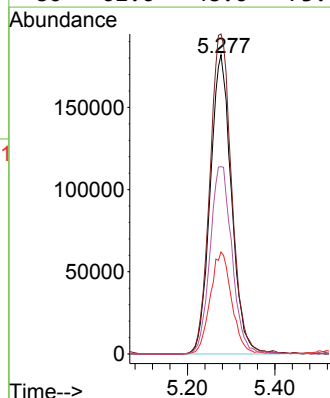
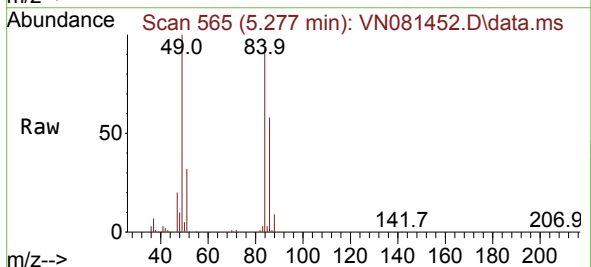
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

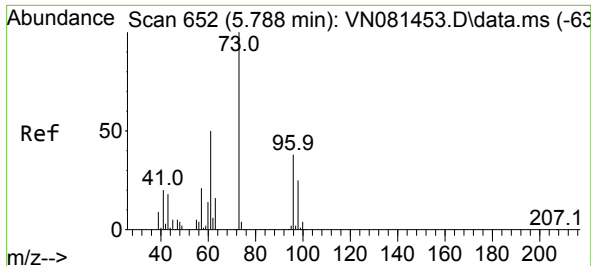
Tgt Ion: 73 Resp: 1835135
Ion Ratio Lower Upper
73 100
57 20.9 18.2 27.4



#20
Methylene Chloride
Concen: 98.736 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

Tgt Ion: 84 Resp: 613648
Ion Ratio Lower Upper
84 100
49 107.0 108.1 162.1#
51 34.1 32.9 49.3
86 62.6 48.6 73.0

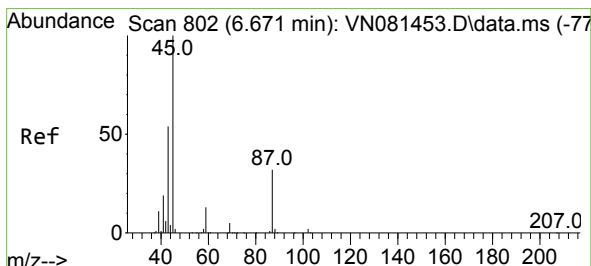
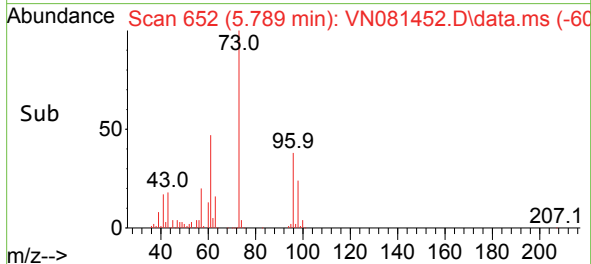
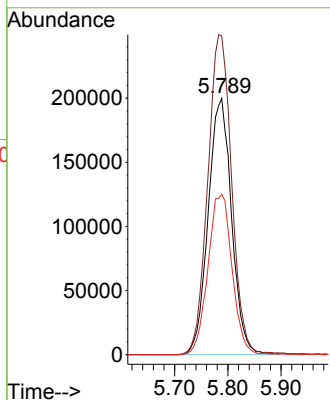
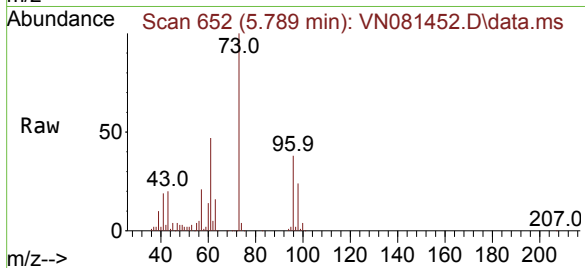




#21
trans-1,2-Dichloroethene
Concen: 100.863 ug/l
RT: 5.789 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

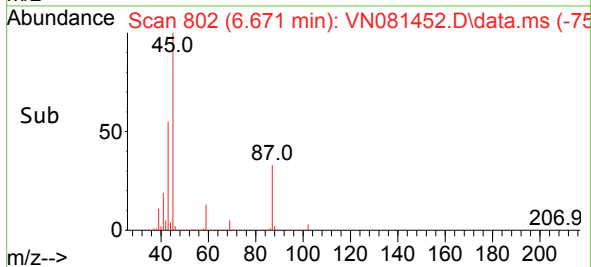
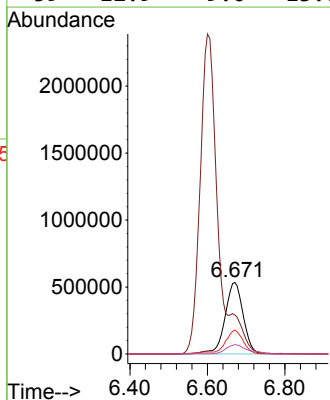
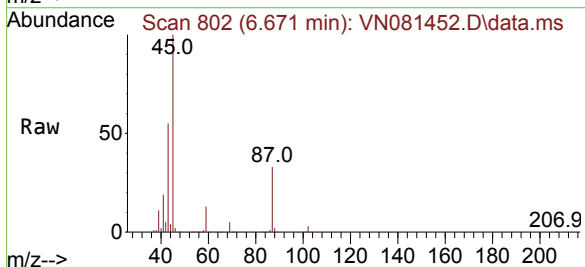
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

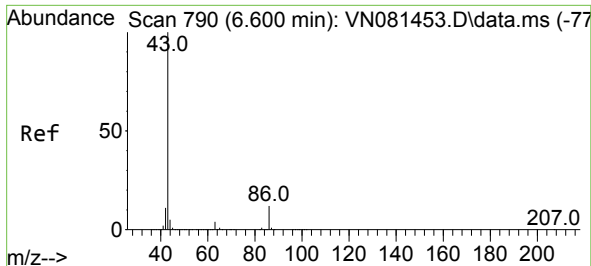
Tgt Ion: 96 Resp: 611003
Ion Ratio Lower Upper
96 100
61 124.2 112.8 169.2
98 62.6 51.0 76.4



#22
Diisopropyl ether
Concen: 110.037 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

Tgt Ion: 45 Resp: 1740623
Ion Ratio Lower Upper
45 100
43 54.5 41.8 62.8
87 33.4 18.1 27.1#
59 12.9 9.0 13.6

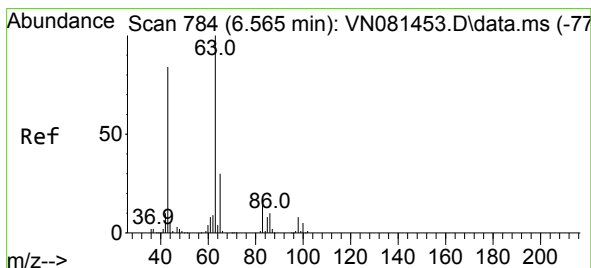
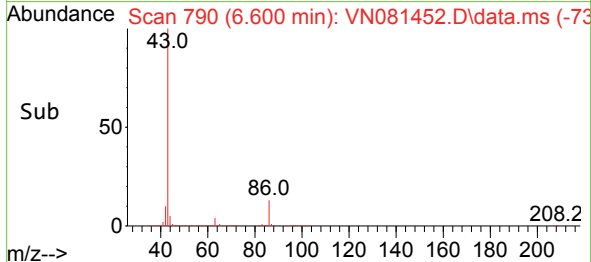
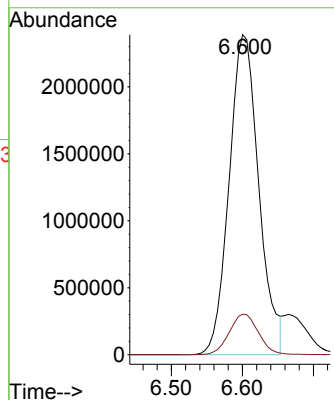
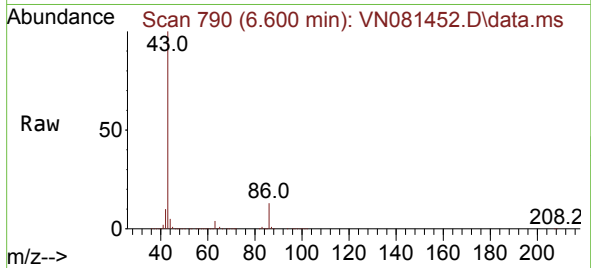




#23
 Vinyl Acetate
 Concen: 552.130 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081452.D
 Acq: 18 Mar 2024 16:03

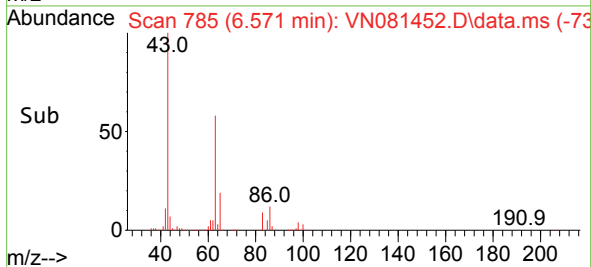
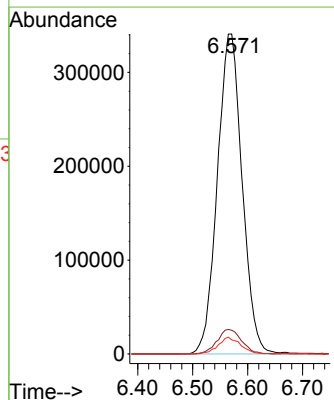
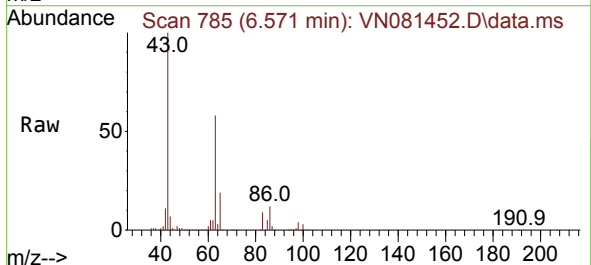
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

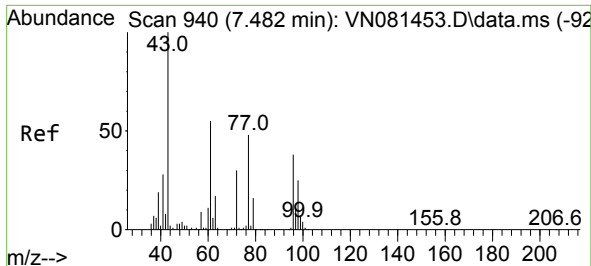
Tgt Ion: 43 Resp: 6951932
 Ion Ratio Lower Upper
 43 100
 86 12.6 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 100.687 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN081452.D
 Acq: 18 Mar 2024 16:03

Tgt Ion: 63 Resp: 1066769
 Ion Ratio Lower Upper
 63 100
 98 7.4 2.9 8.6
 100 4.4 1.9 5.7

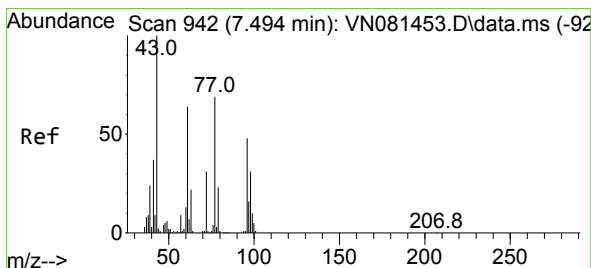
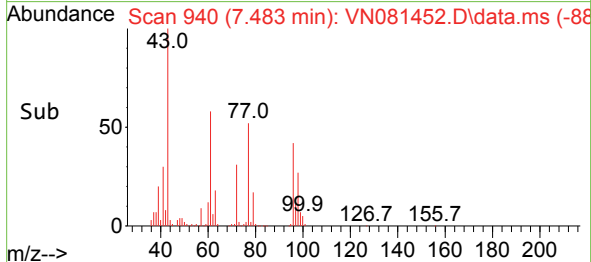
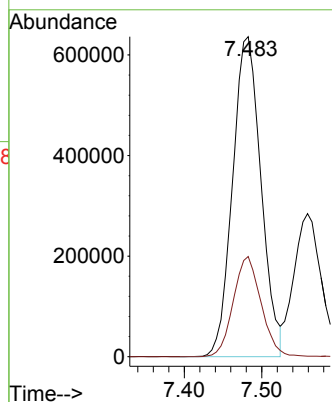
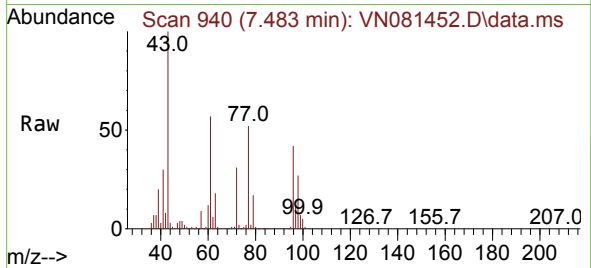




#25
2-Butanone
Concen: 499.480 ug/l
RT: 7.483 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

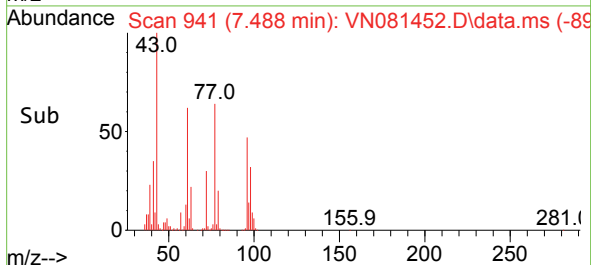
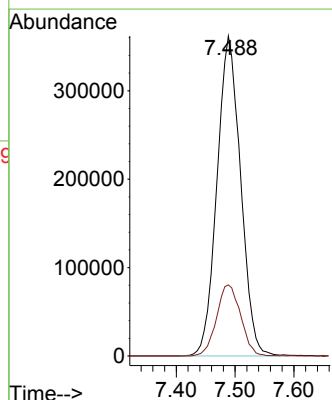
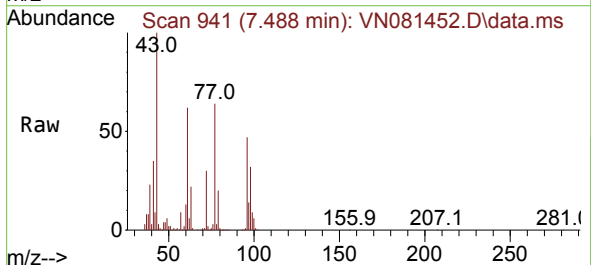
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

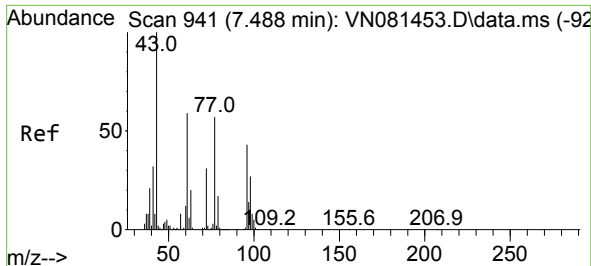
Tgt Ion: 43 Resp: 1625459
Ion Ratio Lower Upper
43 100
72 31.3 19.5 29.3#



#26
2,2-Dichloropropane
Concen: 109.968 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

Tgt Ion: 77 Resp: 1010523
Ion Ratio Lower Upper
77 100
97 22.7 11.5 34.5

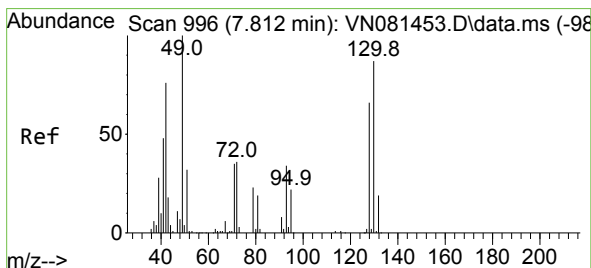
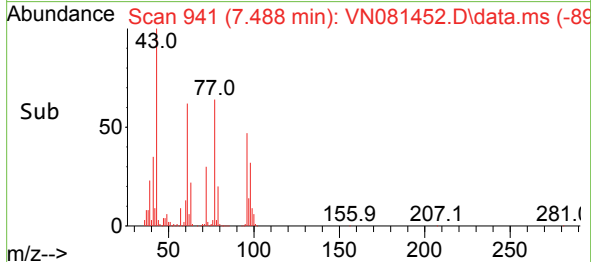
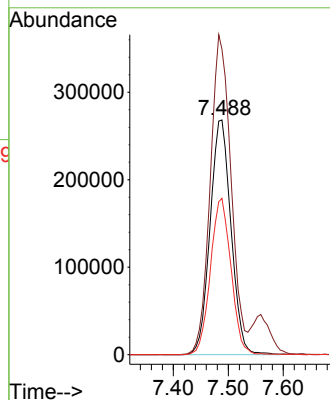
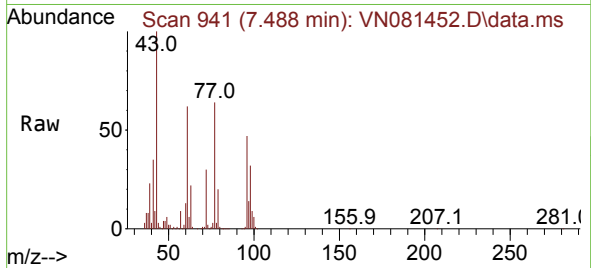




#27
 cis-1,2-Dichloroethene
 Concen: 103.680 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN081452.D
 Acq: 18 Mar 2024 16:03

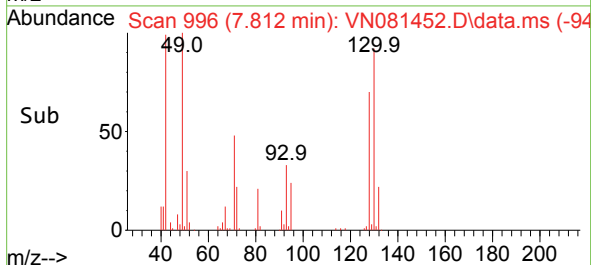
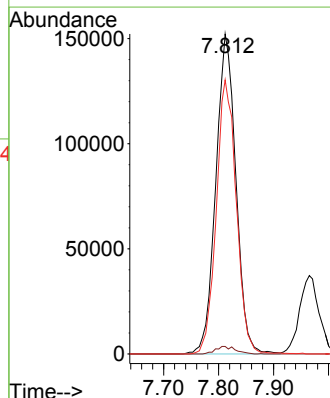
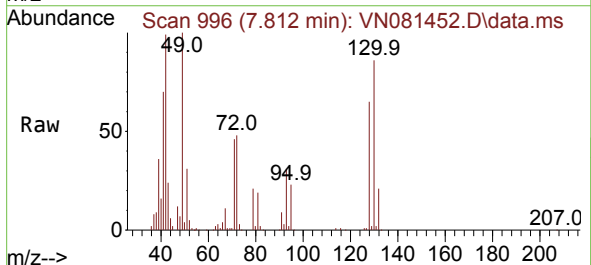
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

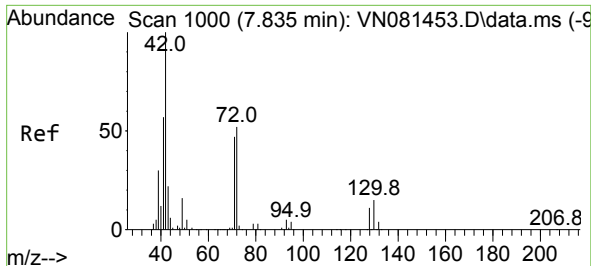
Tgt Ion: 96 Resp: 710627
 Ion Ratio Lower Upper
 96 100
 61 135.6 0.0 325.4
 98 65.5 0.0 130.4



#28
 Bromochloromethane
 Concen: 89.386 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN081452.D
 Acq: 18 Mar 2024 16:03

Tgt Ion: 49 Resp: 385733
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 1.6#
 130 85.3 42.3 63.5#





#29

Tetrahydrofuran

Concen: 515.430 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN081452.D

Acq: 18 Mar 2024 16:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

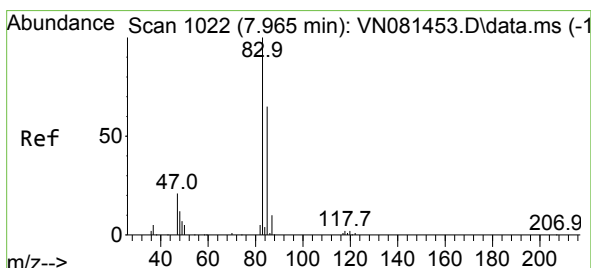
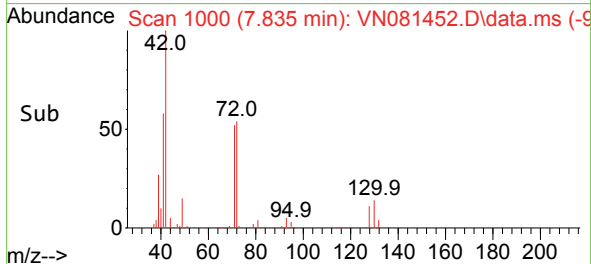
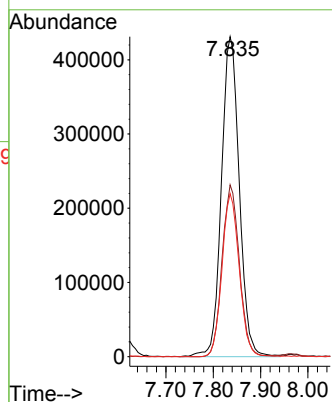
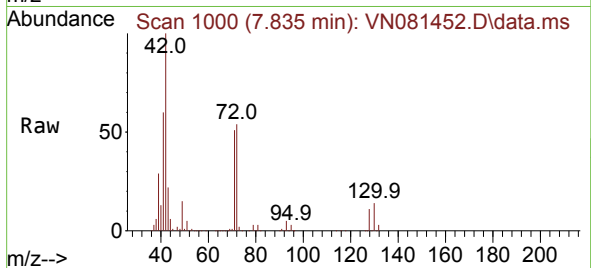
Tgt Ion: 42 Resp: 1129983

Ion Ratio Lower Upper

42 100

72 51.9 31.1 46.7#

71 49.1 28.3 42.5#



#30

Chloroform

Concen: 102.781 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN081452.D

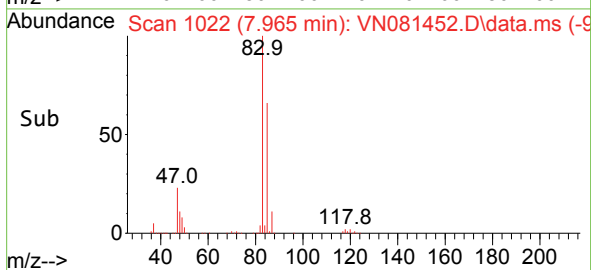
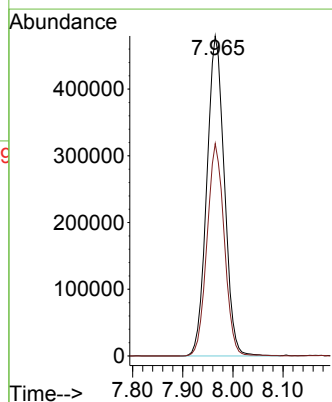
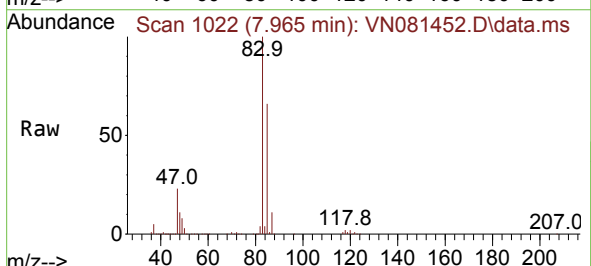
Acq: 18 Mar 2024 16:03

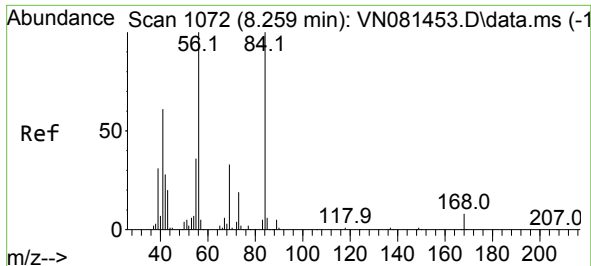
Tgt Ion: 83 Resp: 1165759

Ion Ratio Lower Upper

83 100

85 66.4 51.0 76.6

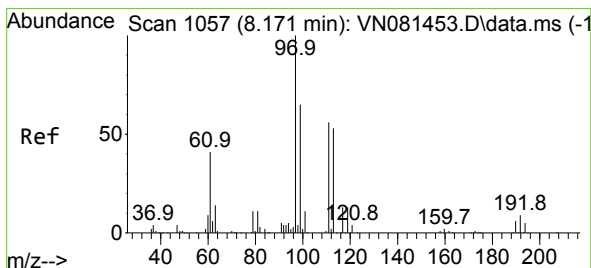
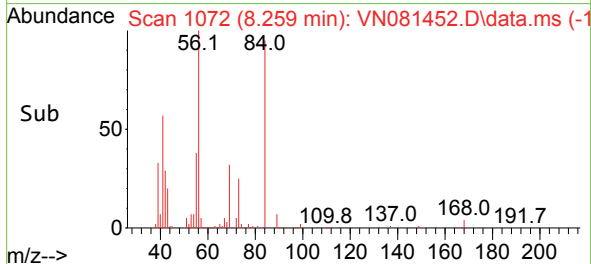
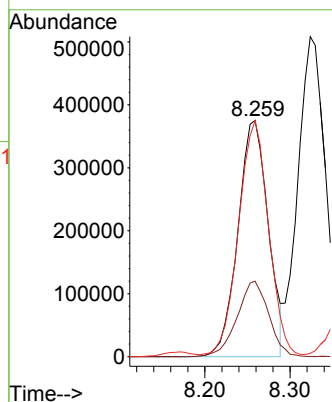
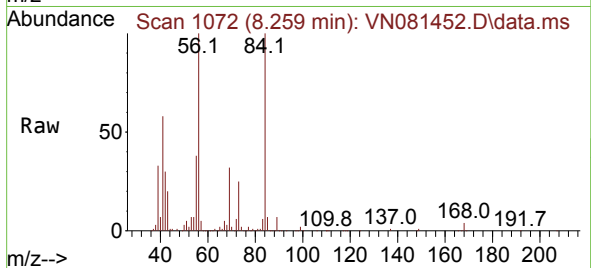




#31
Cyclohexane
Concen: 96.708 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

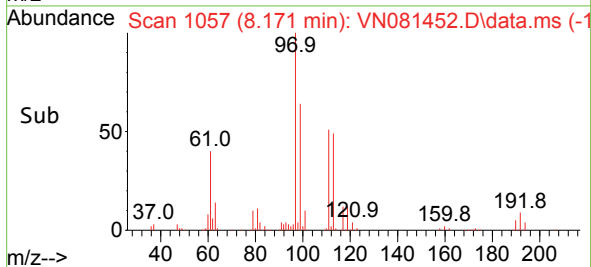
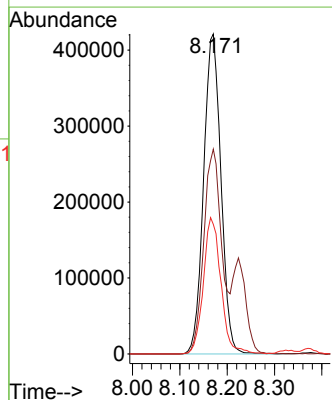
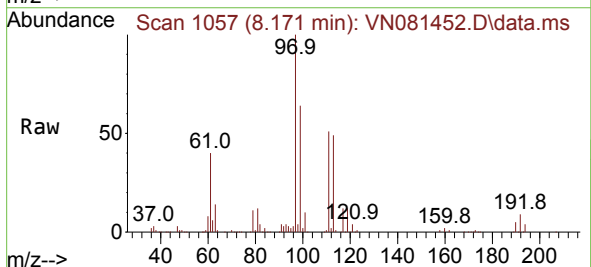
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

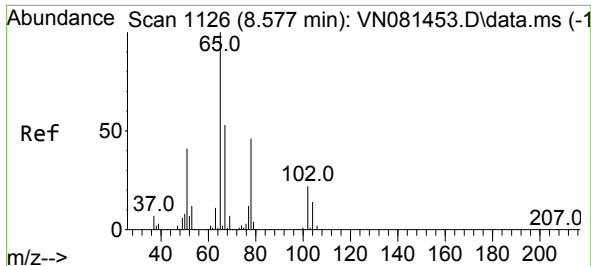
Tgt Ion: 56 Resp: 923899
Ion Ratio Lower Upper
56 100
69 32.0 20.1 30.1#
84 97.9 56.9 85.3#



#32
1,1,1-Trichloroethane
Concen: 104.124 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

Tgt Ion: 97 Resp: 1071463
Ion Ratio Lower Upper
97 100
99 66.9 53.4 80.0
61 43.3 43.8 65.8#





#33

1,2-Dichloroethane-d4

Concen: 101.430 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081452.D

Acq: 18 Mar 2024 16:03

Instrument :

MSVOA_N

ClientSampleId :

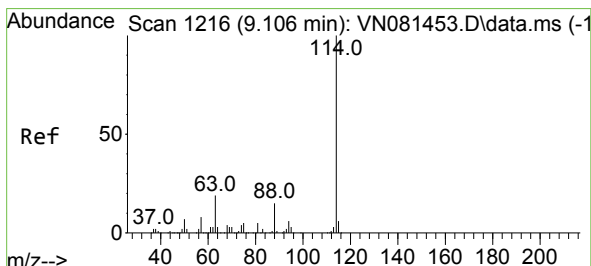
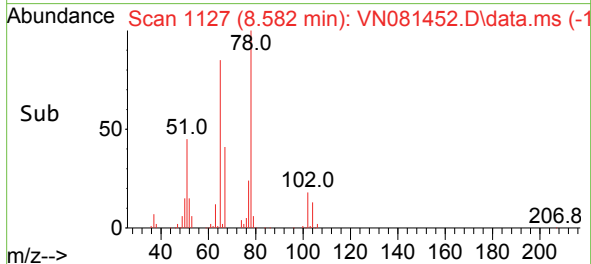
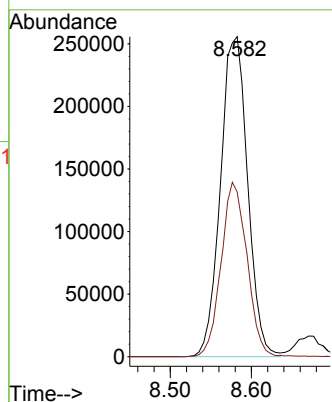
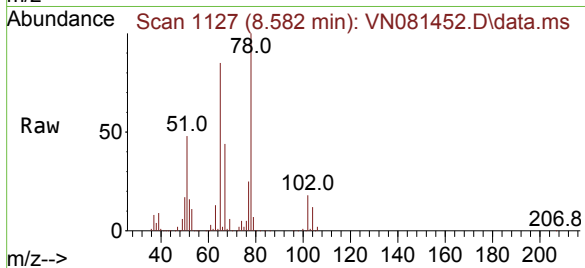
VSTDIC100

Tgt Ion: 65 Resp: 595480

Ion Ratio Lower Upper

65 100

67 52.1 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: VN081452.D

Acq: 18 Mar 2024 16:03

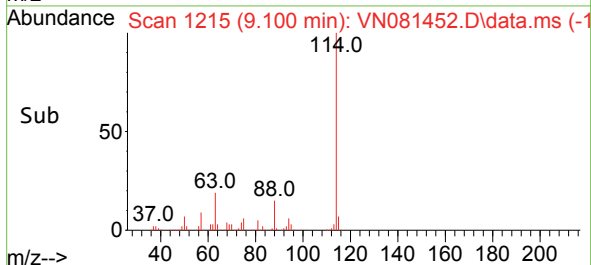
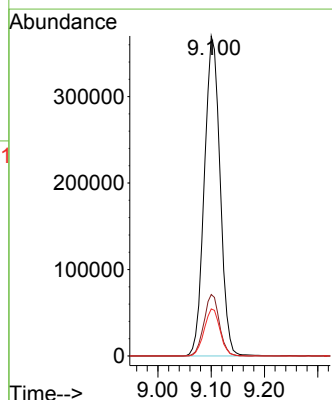
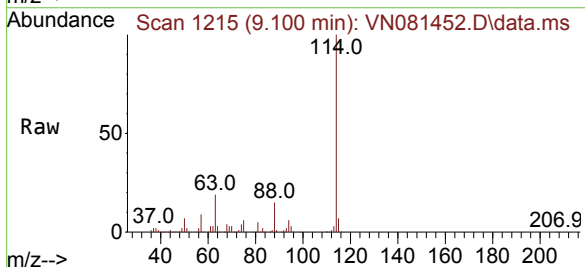
Tgt Ion: 114 Resp: 758169

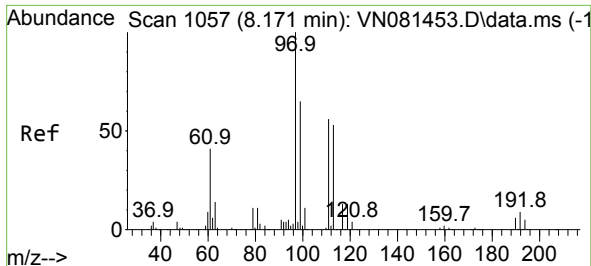
Ion Ratio Lower Upper

114 100

63 19.2 0.0 48.0

88 14.7 0.0 34.8

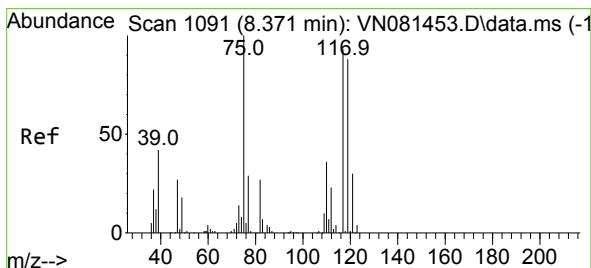
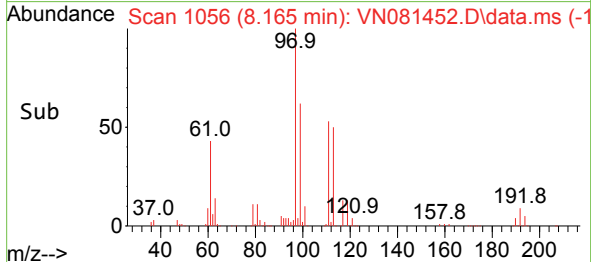
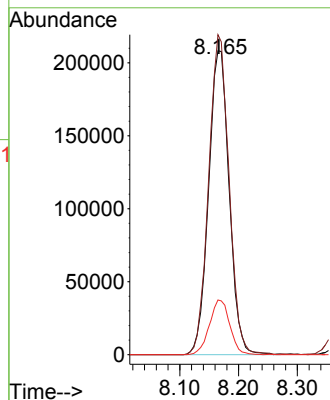
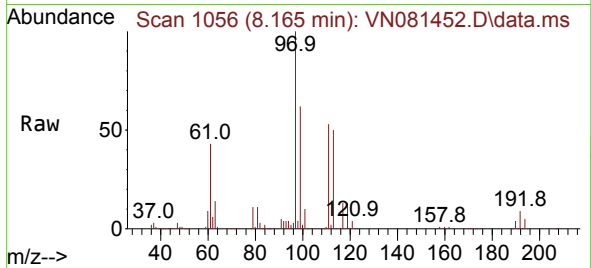




#35
Dibromofluoromethane
Concen: 105.958 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

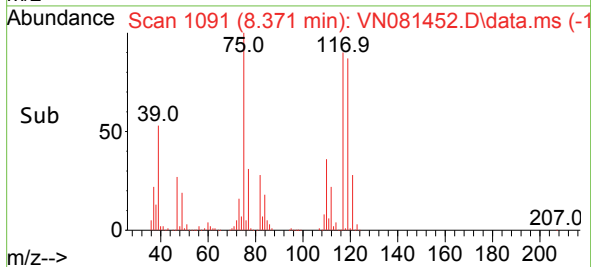
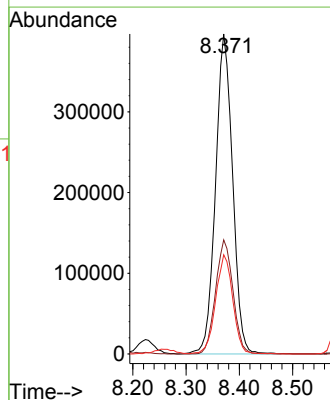
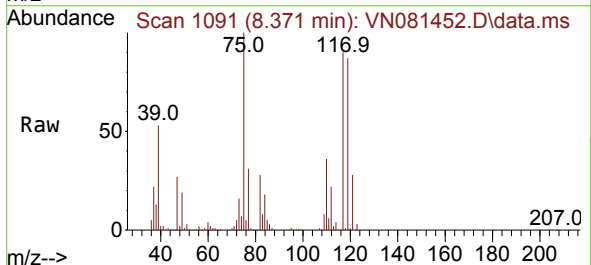
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

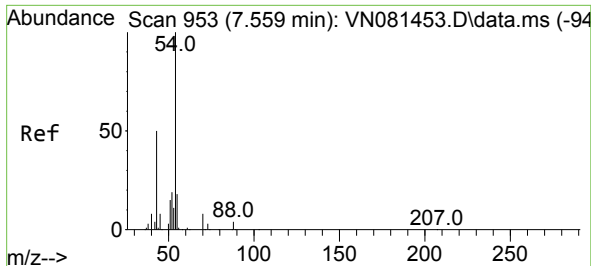
Tgt Ion:113 Resp: 506989
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.4
192 17.8 12.5 18.7



#36
1,1-Dichloropropene
Concen: 109.650 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

Tgt Ion: 75 Resp: 882930
Ion Ratio Lower Upper
75 100
110 36.4 16.0 48.0
77 31.3 25.8 38.6

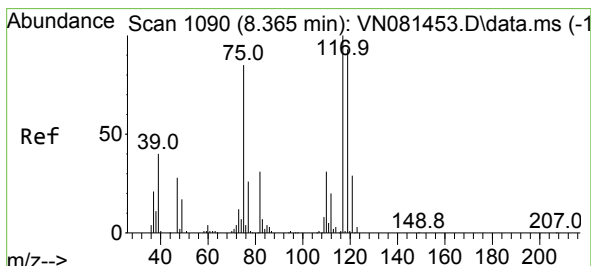
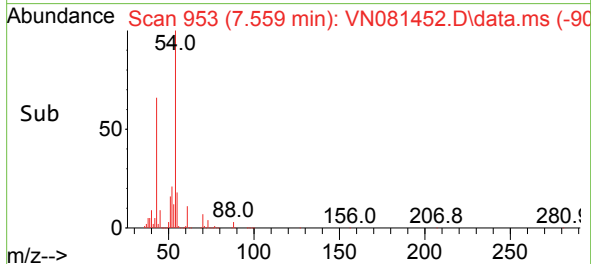
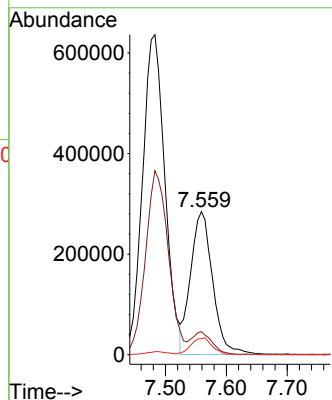
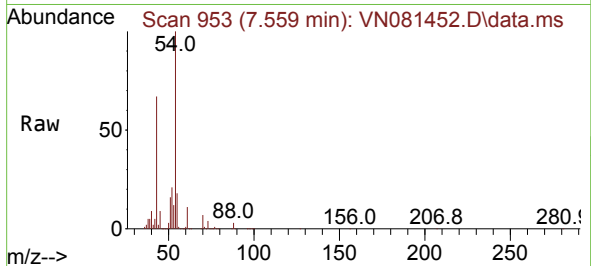




#37
Ethyl Acetate
Concen: 103.735 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

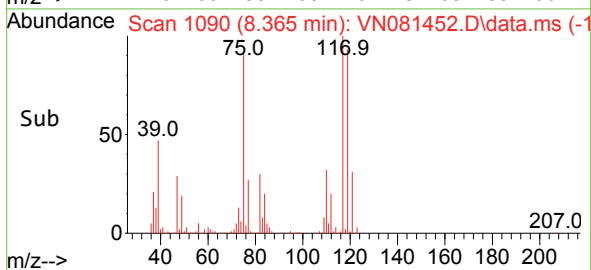
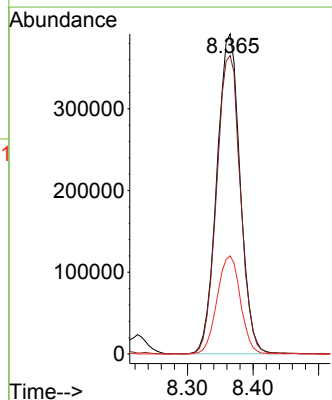
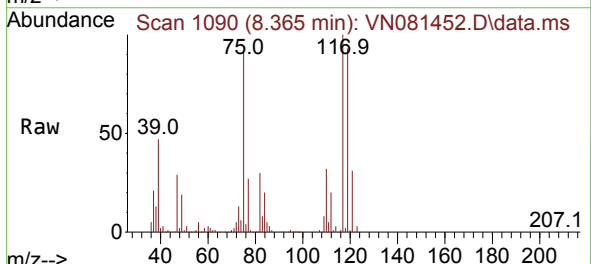
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

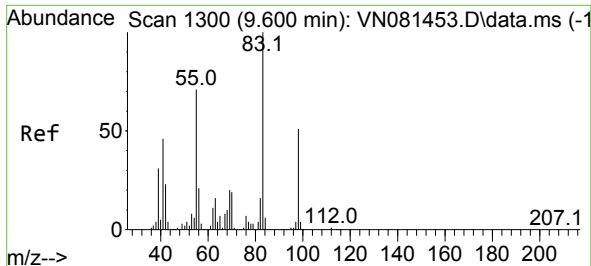
Tgt Ion: 43 Resp: 715269
Ion Ratio Lower Upper
43 100
61 14.3 10.6 15.8
70 11.3 8.0 12.0



#38
Carbon Tetrachloride
Concen: 108.905 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

Tgt Ion: 117 Resp: 960643
Ion Ratio Lower Upper
117 100
119 93.3 73.4 110.2
121 30.7 24.4 36.6





#39

Methylcyclohexane

Concen: 119.527 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN081452.D

Acq: 18 Mar 2024 16:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

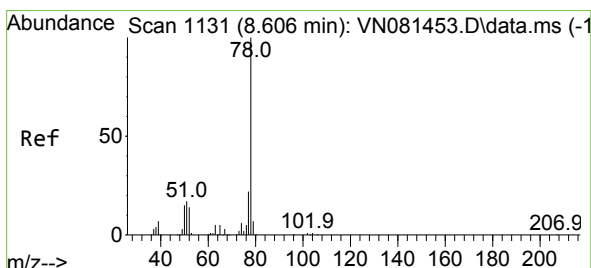
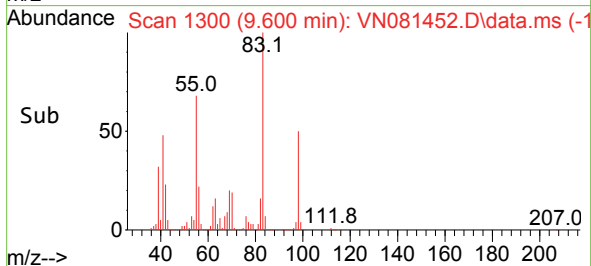
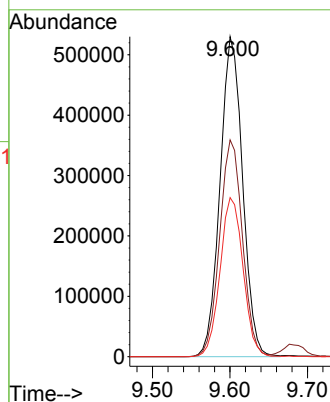
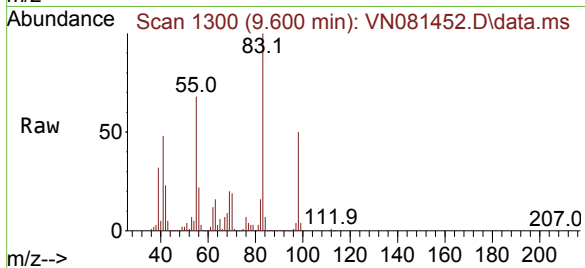
Tgt Ion: 83 Resp: 1074820

Ion Ratio Lower Upper

83 100

55 67.7 65.7 98.5

98 49.7 33.8 50.6



#40

Benzene

Concen: 108.460 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN081452.D

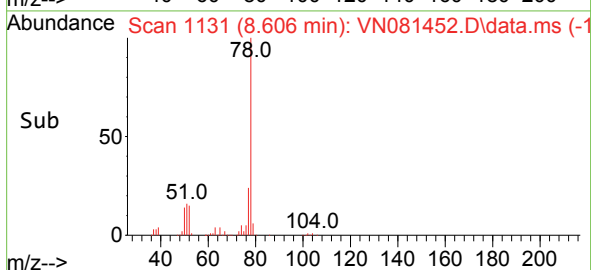
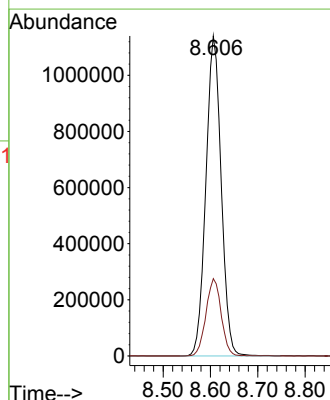
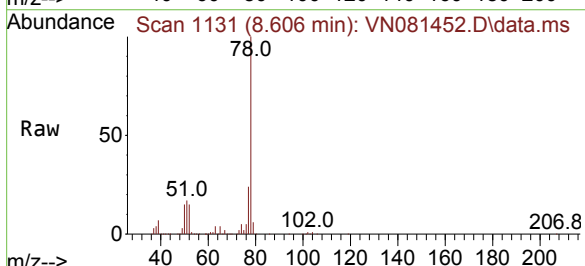
Acq: 18 Mar 2024 16:03

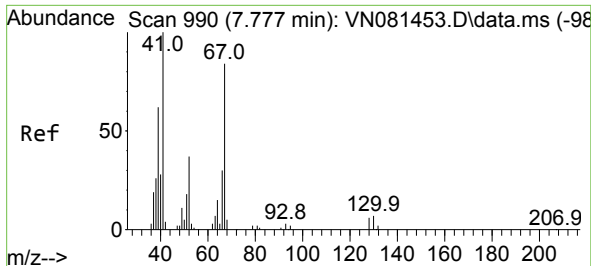
Tgt Ion: 78 Resp: 2553293

Ion Ratio Lower Upper

78 100

77 24.2 20.4 30.6

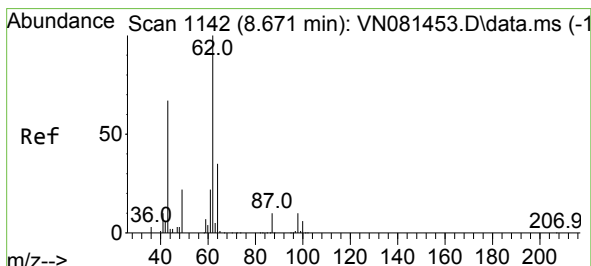
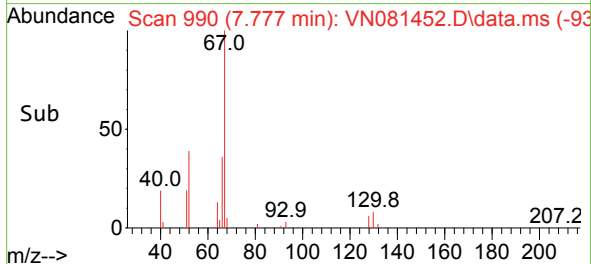
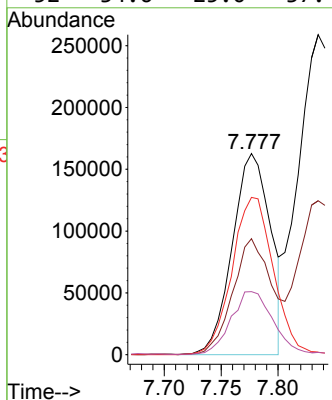
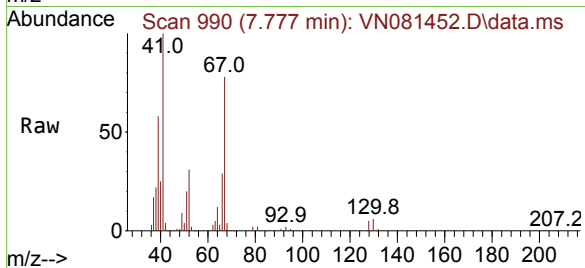




#41
Methacrylonitrile
Concen: 104.334 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

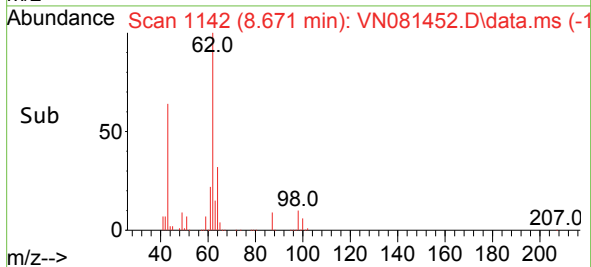
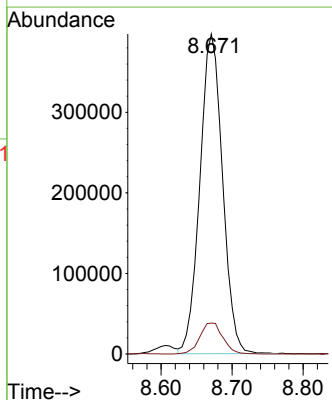
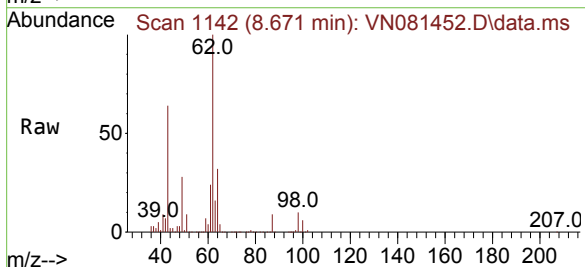
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

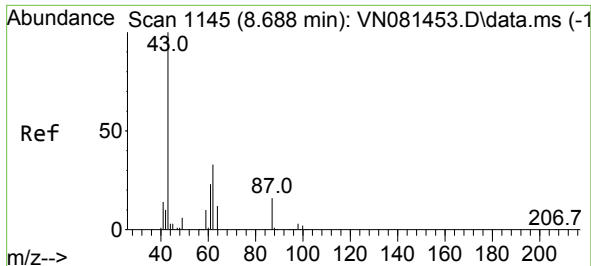
Tgt Ion:	41	Resp:	380450
Ion	Ratio	Lower	Upper
41	100		
39	60.2	48.4	72.6
67	85.5	56.8	85.2
52	34.6	25.0	37.4



#42
1,2-Dichloroethane
Concen: 106.299 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

Tgt Ion:	62	Resp:	880663
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	18.0

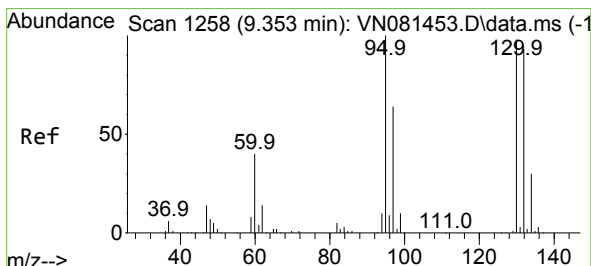
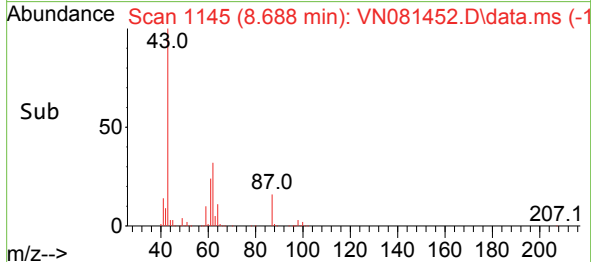
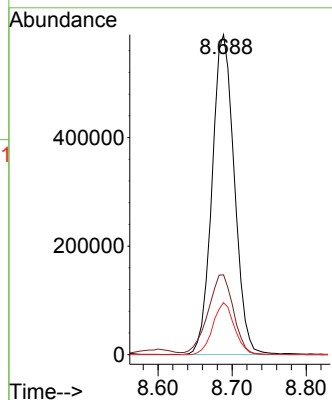
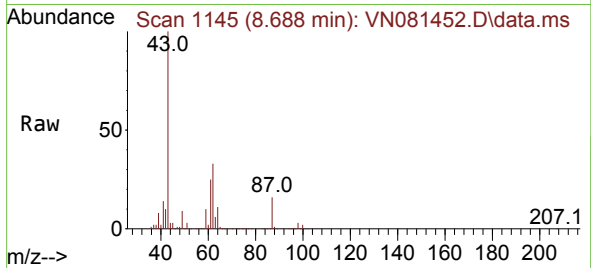




#43
Isopropyl Acetate
Concen: 107.651 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

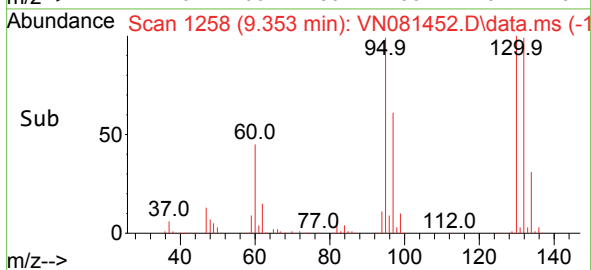
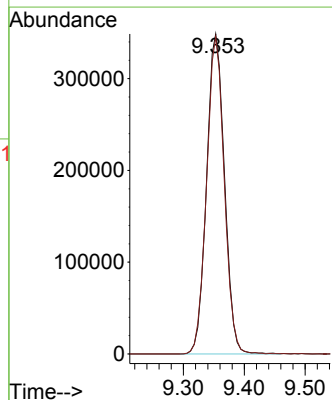
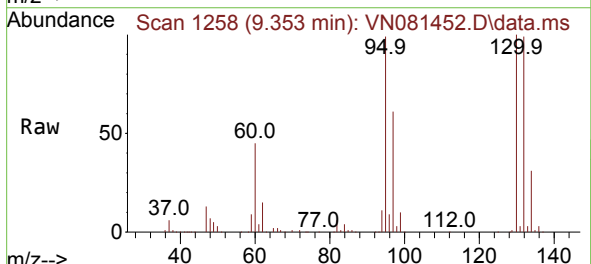
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

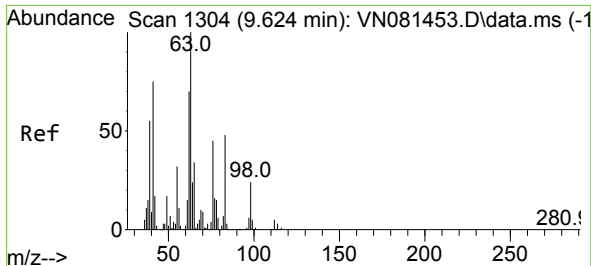
Tgt Ion: 43 Resp: 1230389
Ion Ratio Lower Upper
43 100
61 28.6 19.9 29.9
87 15.8 9.0 13.6#



#44
Trichloroethene
Concen: 107.541 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

Tgt Ion:130 Resp: 712040
Ion Ratio Lower Upper
130 100
95 99.2 0.0 210.4

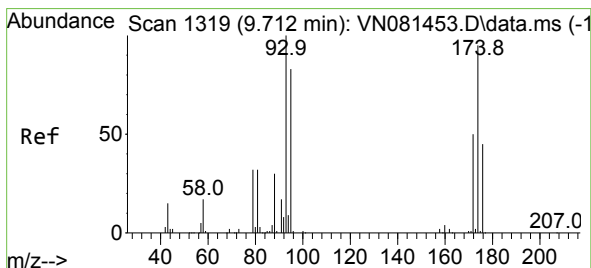
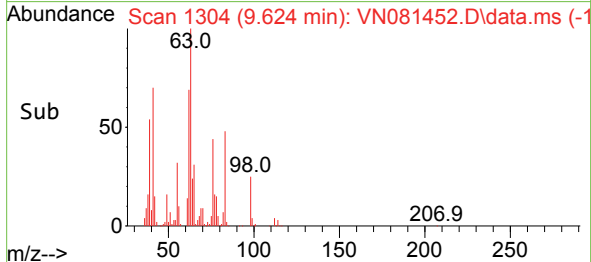
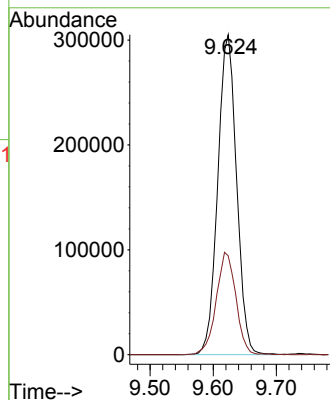
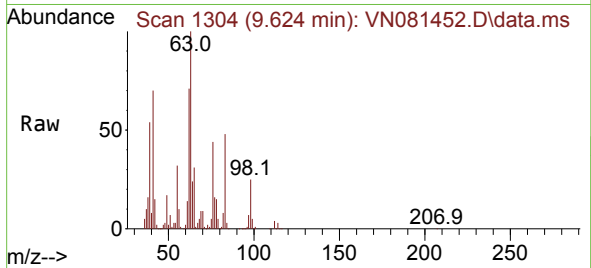




#45
1,2-Dichloropropane
Concen: 110.495 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

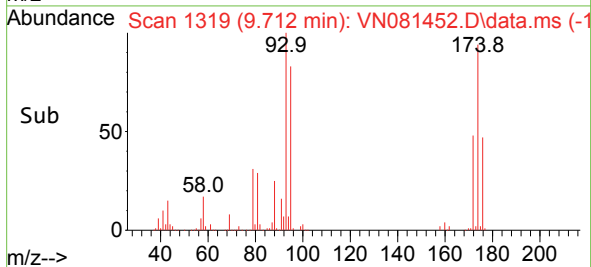
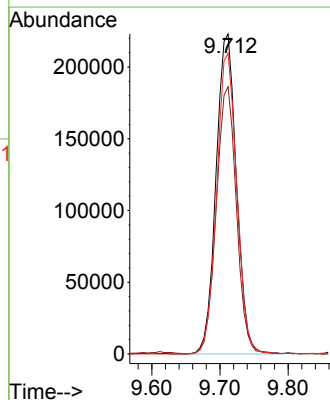
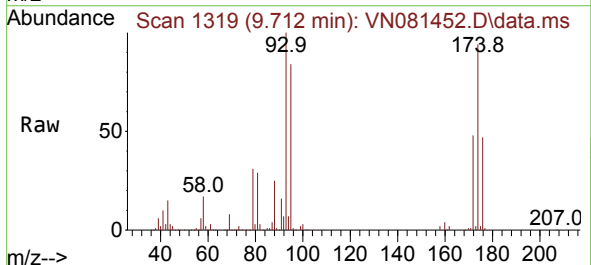
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

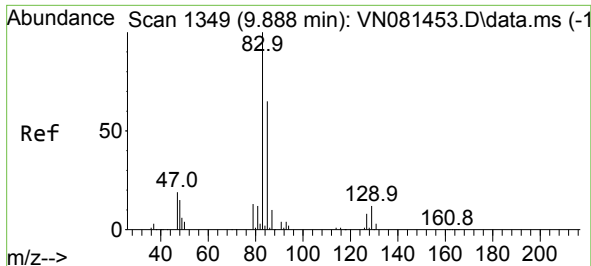
Tgt Ion: 63 Resp: 630414
Ion Ratio Lower Upper
63 100
65 30.9 26.1 39.1



#46
Dibromomethane
Concen: 107.102 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

Tgt Ion: 93 Resp: 464047
Ion Ratio Lower Upper
93 100
95 82.6 68.1 102.1
174 93.1 57.2 85.8#

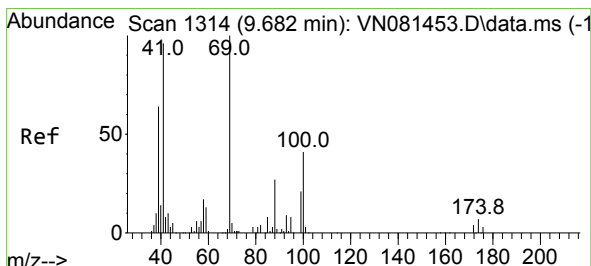
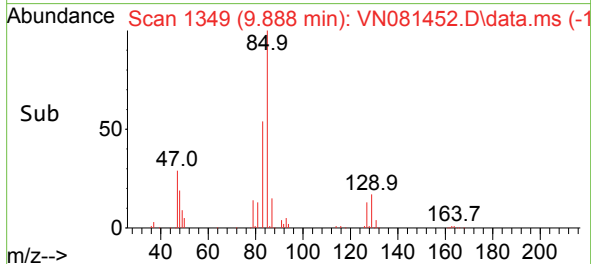
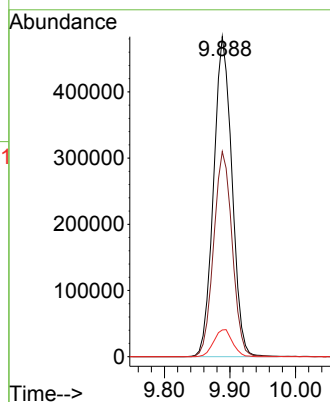
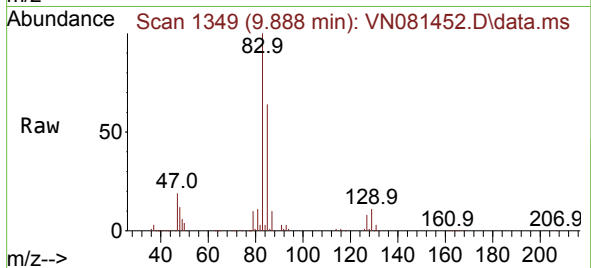




#47
Bromodichloromethane
Concen: 110.752 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

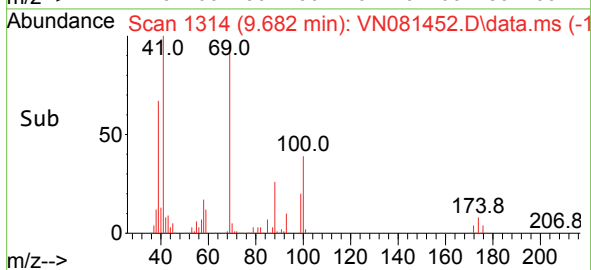
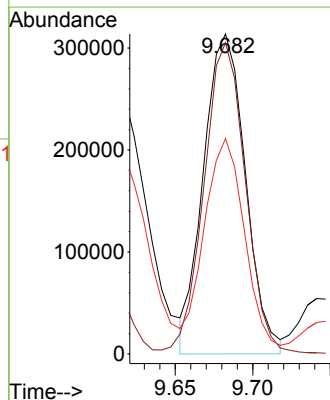
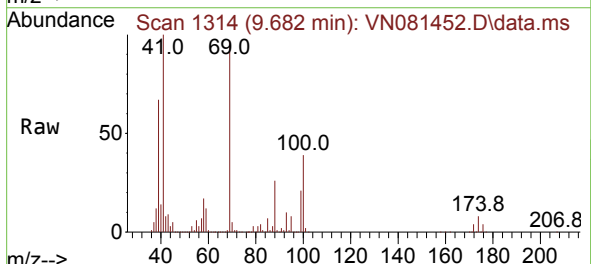
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

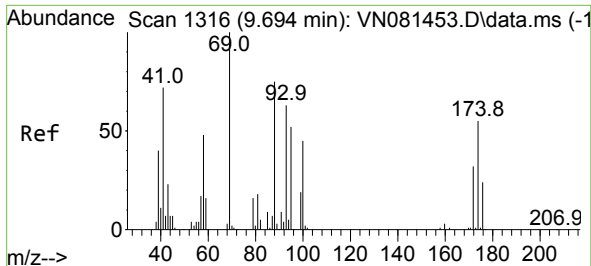
Tgt Ion: 83 Resp: 938206
Ion Ratio Lower Upper
83 100
85 64.1 52.3 78.5
127 8.3 4.6 7.0#



#48
Methyl methacrylate
Concen: 111.987 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

Tgt Ion: 41 Resp: 590366
Ion Ratio Lower Upper
41 100
69 96.3 62.2 93.2#
39 65.4 47.6 71.4





#49

1,4-Dioxane

Concen: 2041.213 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081452.D

Acq: 18 Mar 2024 16:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

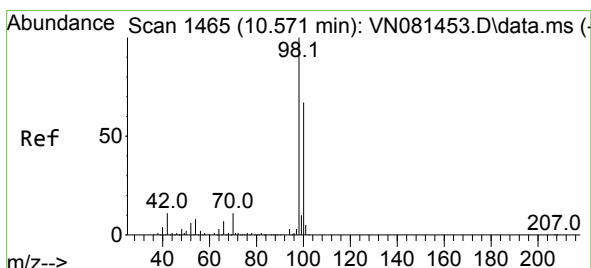
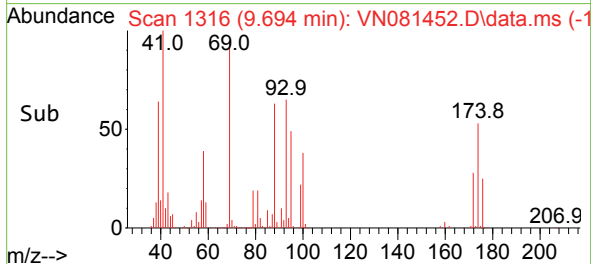
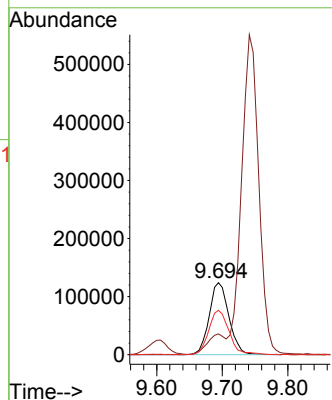
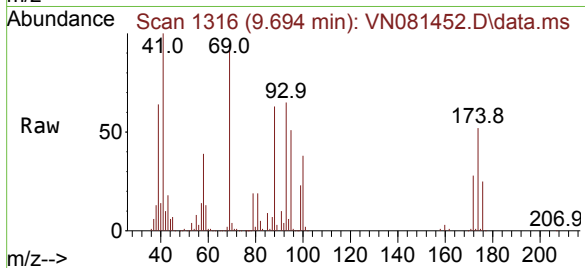
Tgt Ion: 88 Resp: 258597

Ion Ratio Lower Upper

88 100

43 25.8 30.1 45.1#

58 63.6 63.9 95.9#



#50

Toluene-d8

Concen: 109.260 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN081452.D

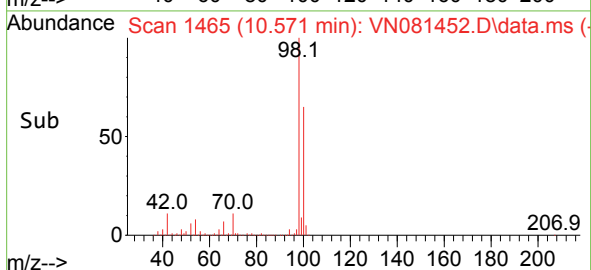
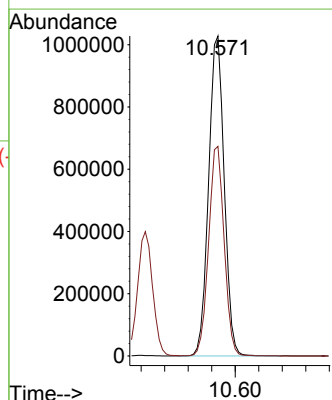
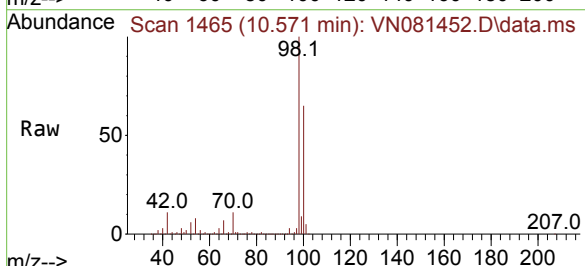
Acq: 18 Mar 2024 16:03

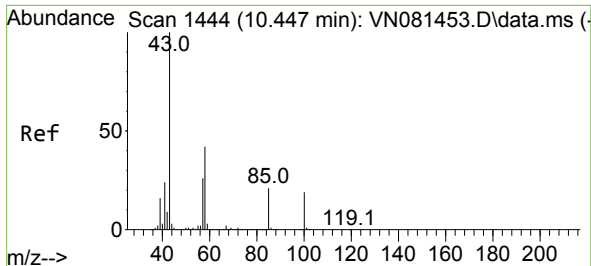
Tgt Ion: 98 Resp: 1889815

Ion Ratio Lower Upper

98 100

100 65.2 51.4 77.0

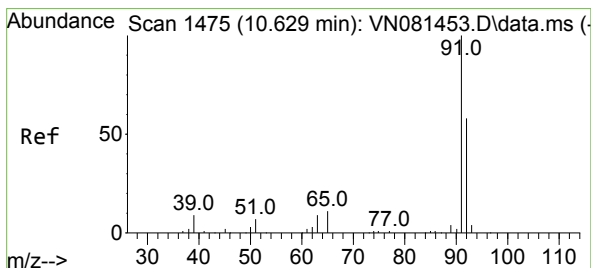
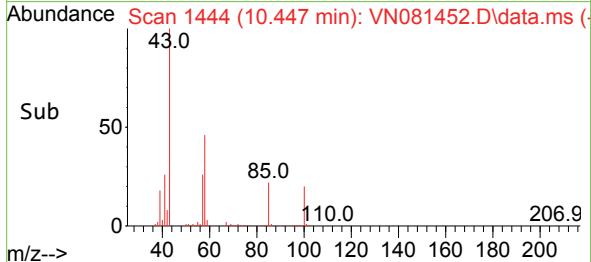
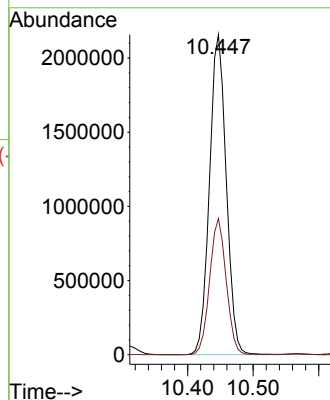
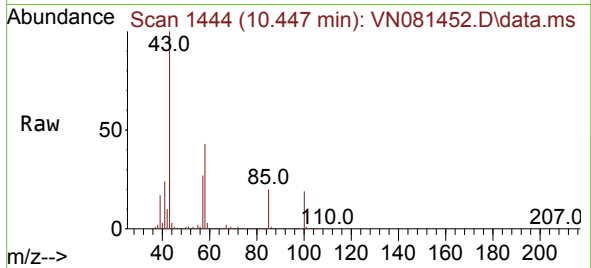




#51
4-Methyl-2-Pentanone
Concen: 550.013 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

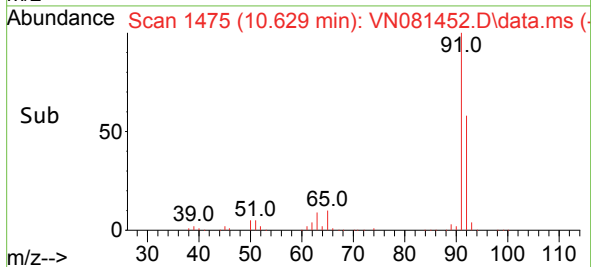
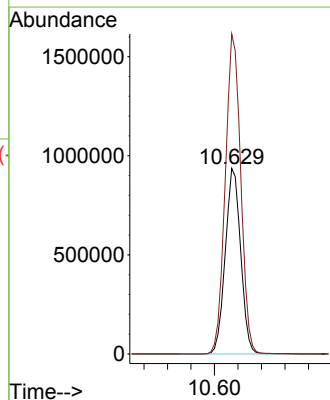
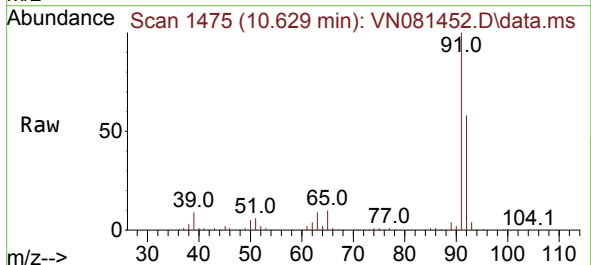
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

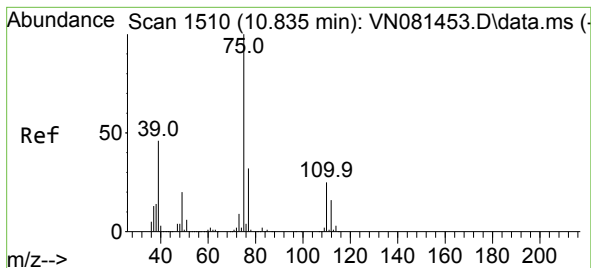
Tgt Ion: 43 Resp: 3835898
Ion Ratio Lower Upper
43 100
58 41.9 29.4 44.0



#52
Toluene
Concen: 113.523 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

Tgt Ion: 92 Resp: 1698621
Ion Ratio Lower Upper
92 100
91 173.3 139.4 209.0

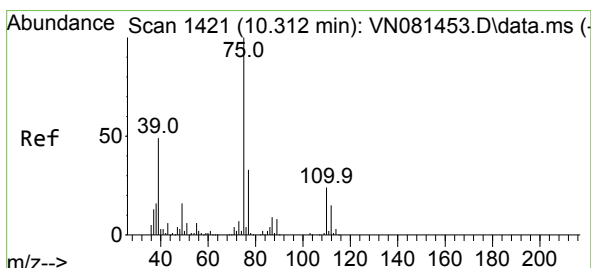
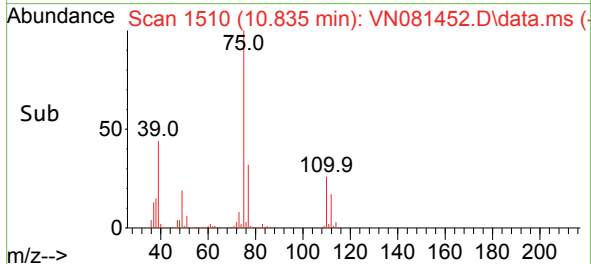
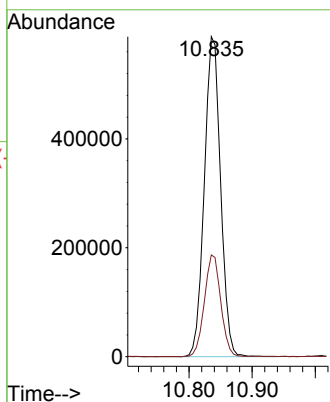
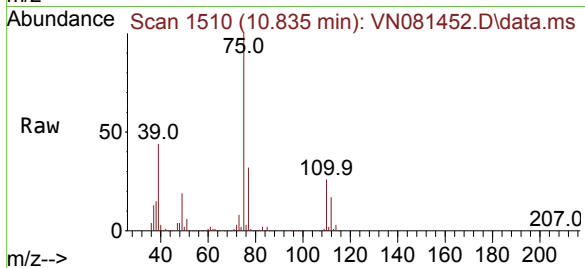




#53
 t-1,3-Dichloropropene
 Concen: 114.989 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN081452.D
 Acq: 18 Mar 2024 16:03

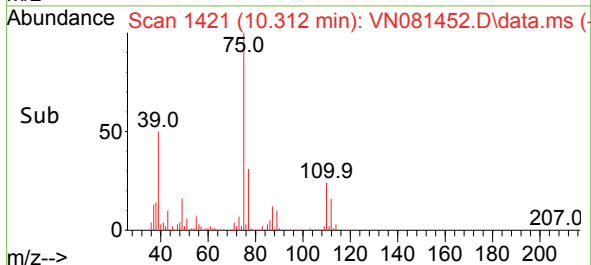
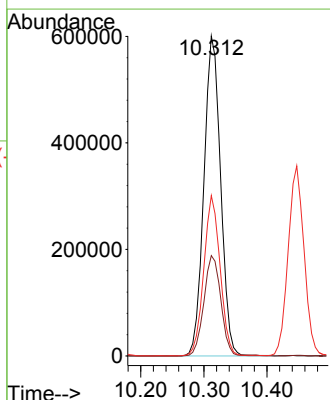
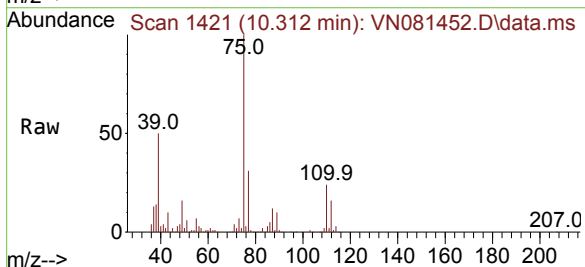
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

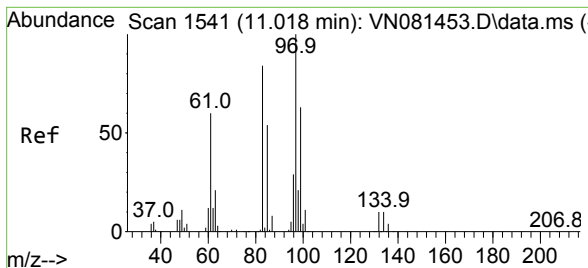
Tgt Ion: 75 Resp: 1051847
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 112.749 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN081452.D
 Acq: 18 Mar 2024 16:03

Tgt Ion: 75 Resp: 1105784
 Ion Ratio Lower Upper
 75 100
 77 31.3 23.3 34.9
 39 50.0 44.6 66.8





#55

1,1,2-Trichloroethane

Concen: 106.079 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN081452.D

Acq: 18 Mar 2024 16:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 638772

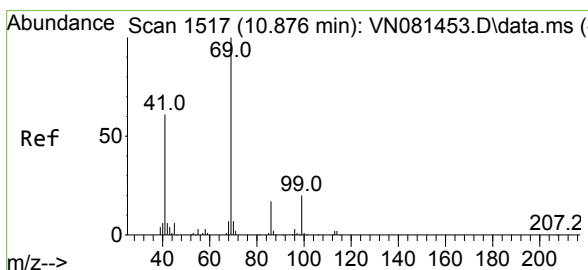
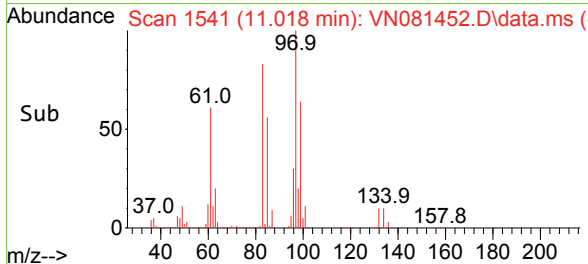
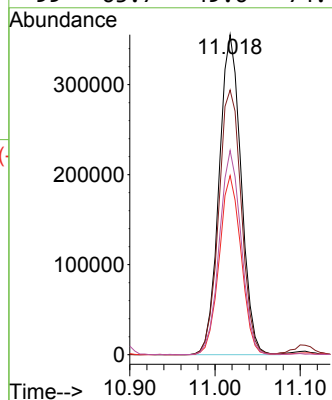
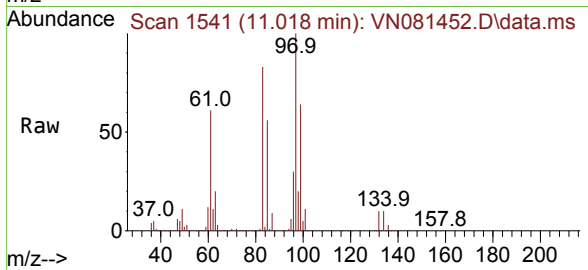
Ion Ratio Lower Upper

97 100

83 82.7 72.9 109.3

85 56.0 50.2 75.2

99 63.7 49.6 74.4



#56

Ethyl methacrylate

Concen: 99.988 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN081452.D

Acq: 18 Mar 2024 16:03

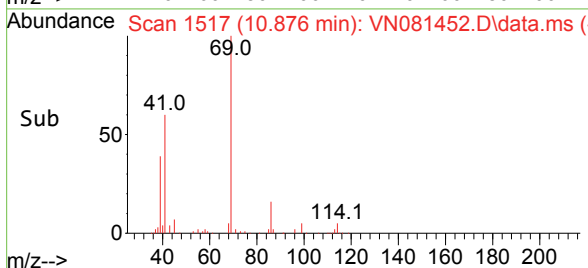
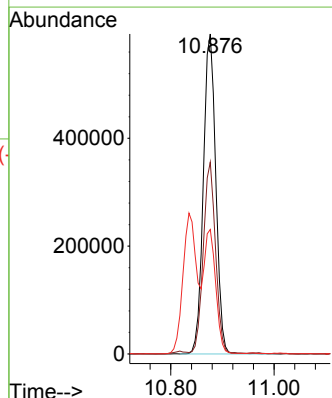
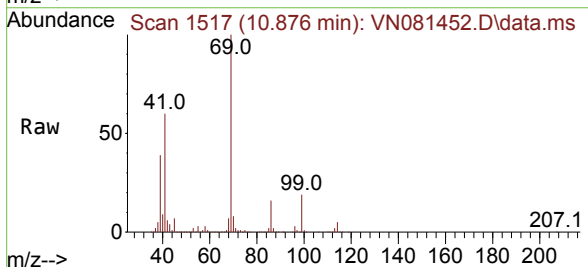
Tgt Ion: 69 Resp: 993179

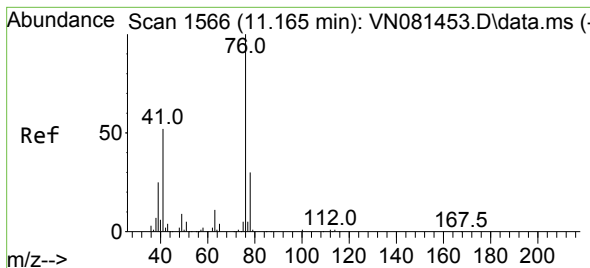
Ion Ratio Lower Upper

69 100

41 58.3 61.0 91.6#

39 35.3 31.8 47.6





#57

1,3-Dichloropropane

Concen: 110.556 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081452.D

Acq: 18 Mar 2024 16:03

Instrument :

MSVOA_N

ClientSampleId :

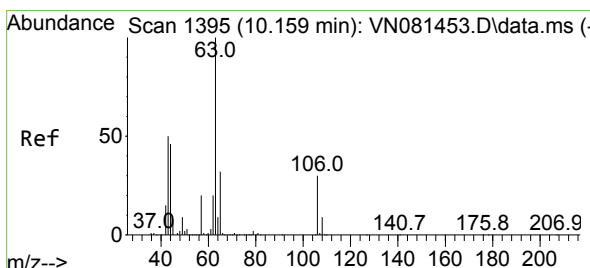
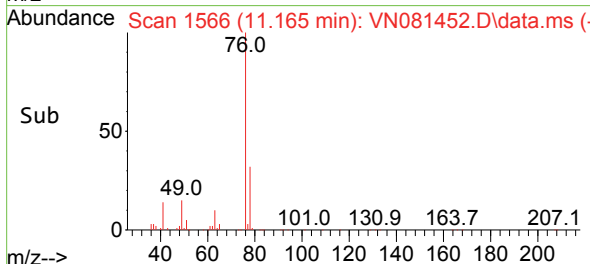
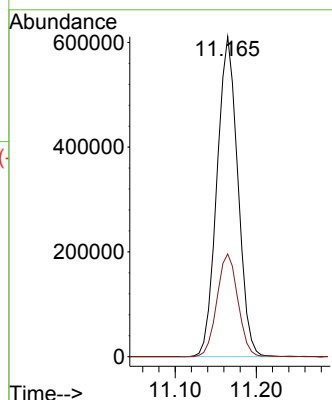
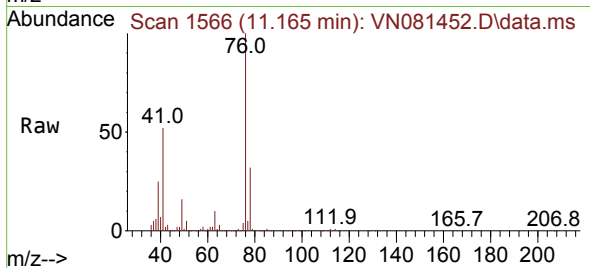
VSTDIC100

Tgt Ion: 76 Resp: 1091349

Ion Ratio Lower Upper

76 100

78 32.3 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 268.656 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN081452.D

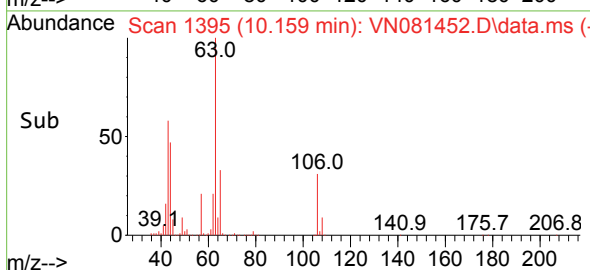
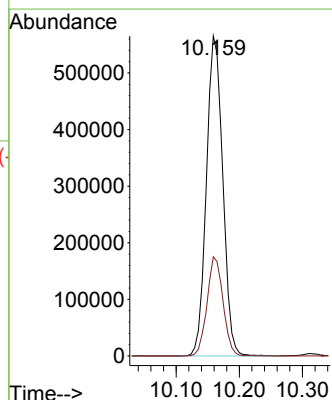
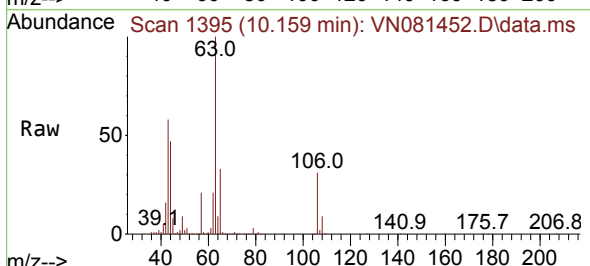
Acq: 18 Mar 2024 16:03

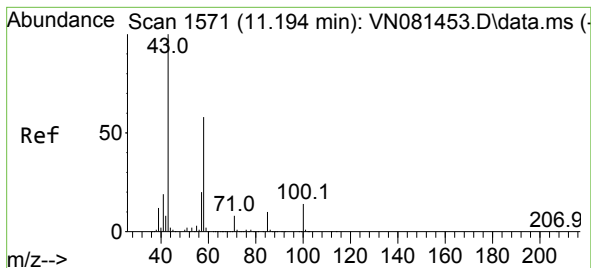
Tgt Ion: 63 Resp: 1017930

Ion Ratio Lower Upper

63 100

106 30.3 18.6 28.0#

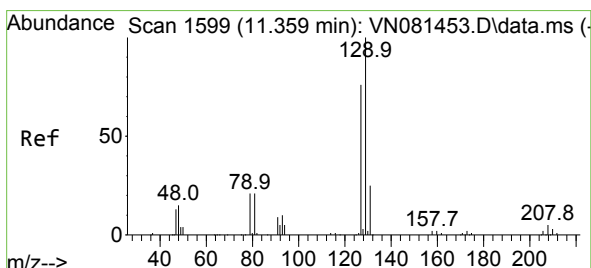
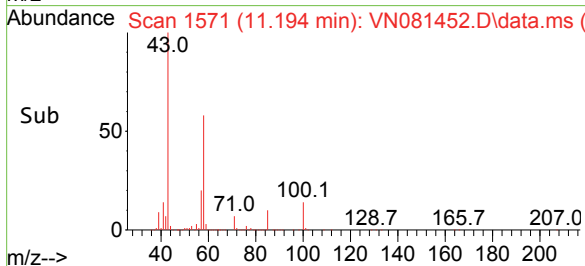
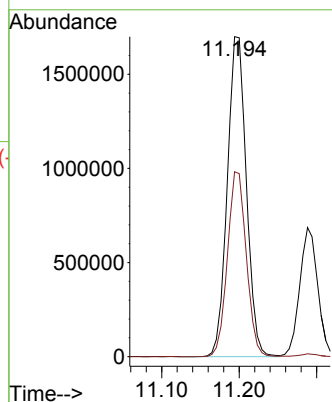
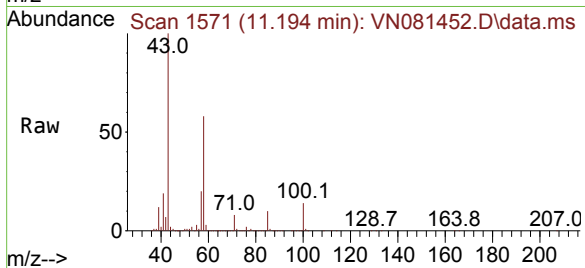




#59
2-Hexanone
Concen: 564.574 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

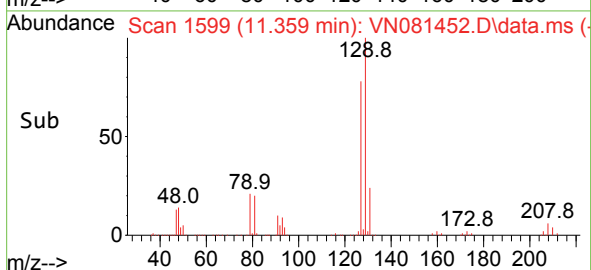
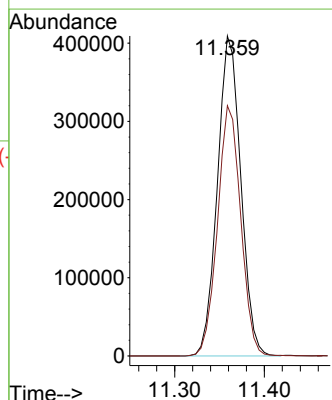
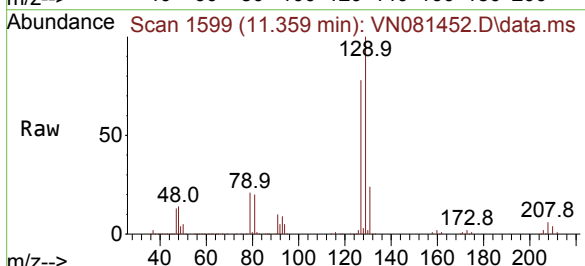
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

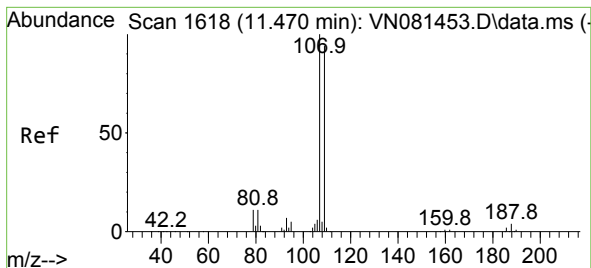
Tgt Ion: 43 Resp: 2911114
Ion Ratio Lower Upper
43 100
58 57.3 25.9 77.8



#60
Dibromochloromethane
Concen: 111.896 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

Tgt Ion: 129 Resp: 741019
Ion Ratio Lower Upper
129 100
127 77.6 39.4 118.2

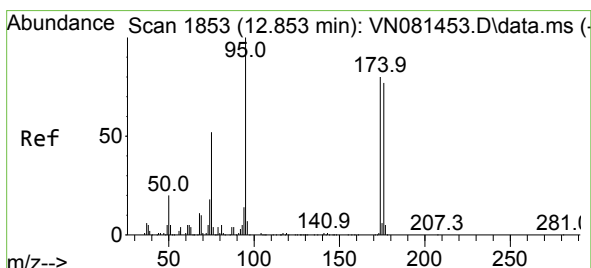
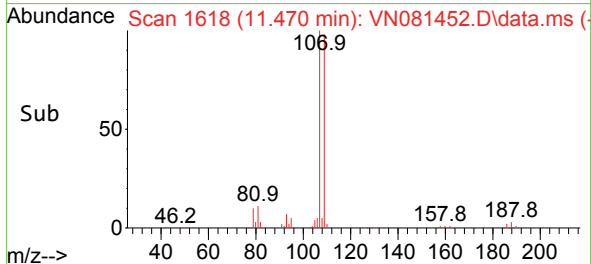
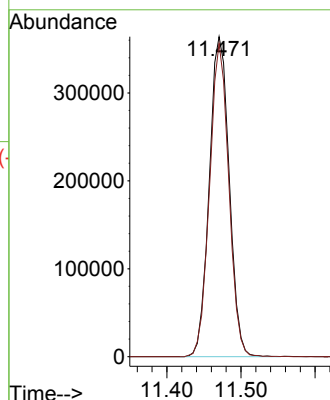
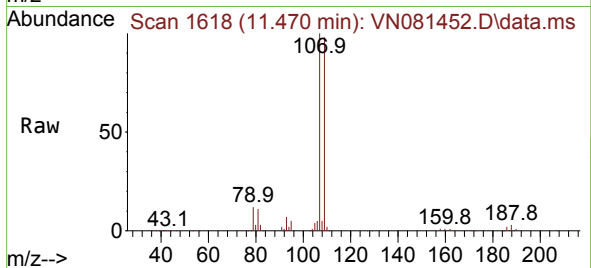




#61
1,2-Dibromoethane
Concen: 110.578 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

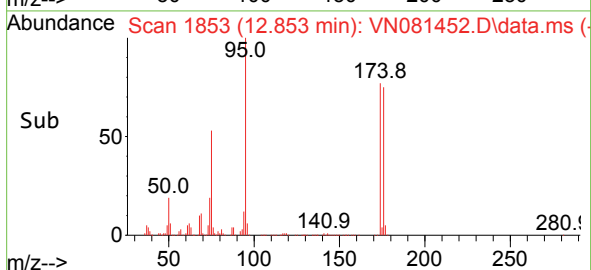
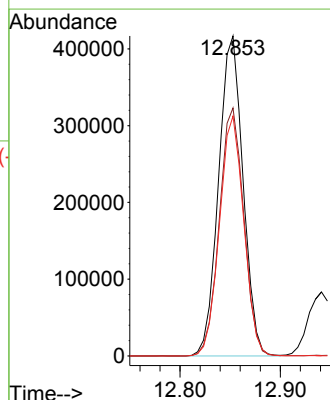
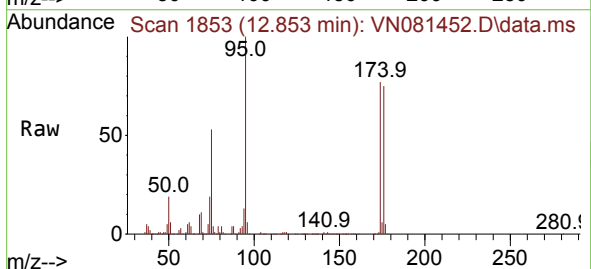
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

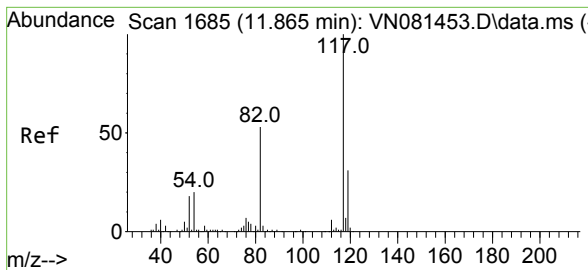
Tgt Ion:107 Resp: 678862
Ion Ratio Lower Upper
107 100
109 94.4 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 115.379 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

Tgt Ion: 95 Resp: 703191
Ion Ratio Lower Upper
95 100
174 77.6 0.0 120.4
176 74.6 0.0 121.0

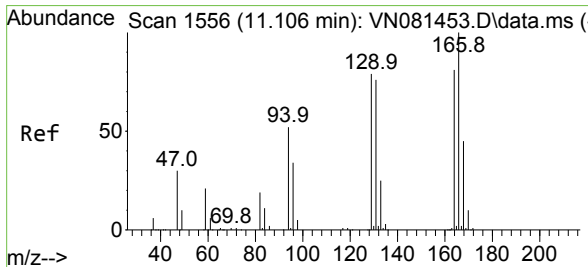
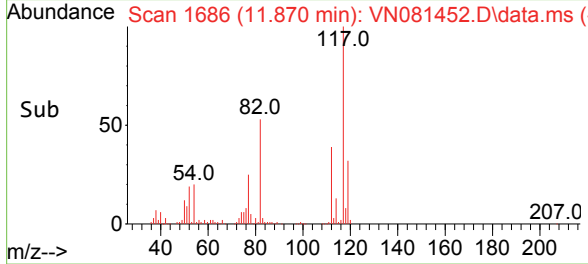
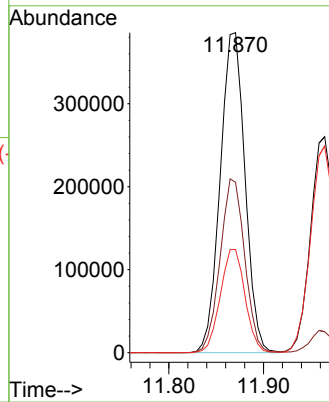
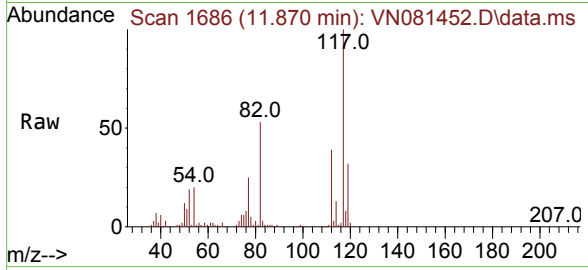




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

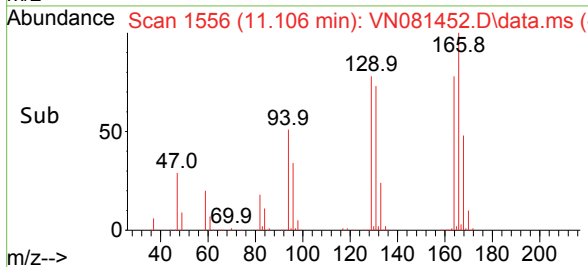
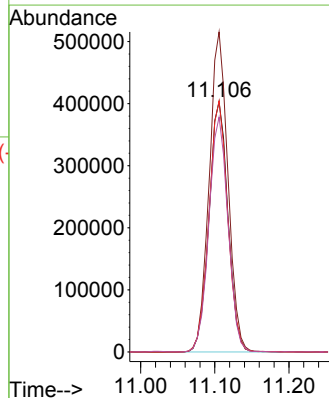
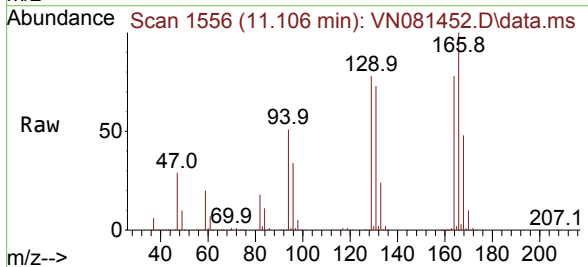
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

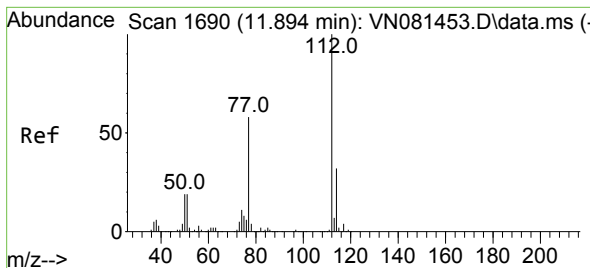
Tgt Ion:117 Resp: 702545
Ion Ratio Lower Upper
117 100
82 53.2 52.7 79.1
119 32.3 25.3 37.9



#64
Tetrachloroethene
Concen: 106.762 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

Tgt Ion:164 Resp: 716955
Ion Ratio Lower Upper
164 100
166 127.8 105.8 158.6
129 100.3 89.6 134.4
131 93.8 84.9 127.3

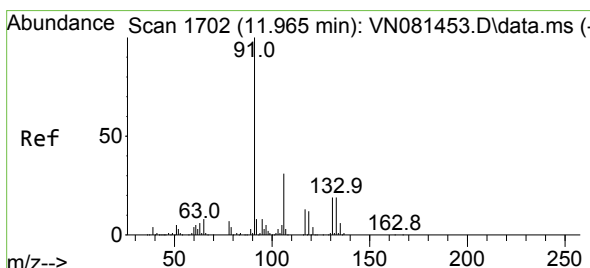
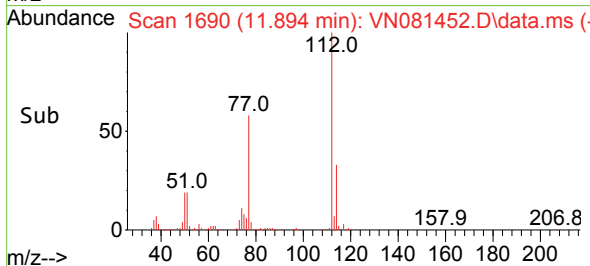
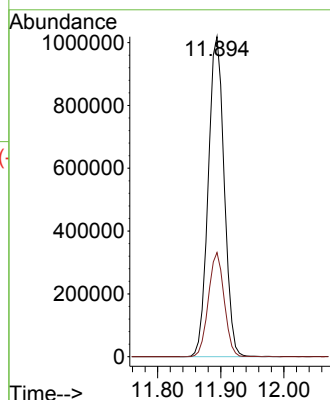
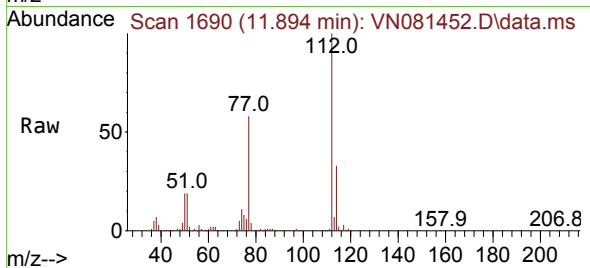




#65
Chlorobenzene
Concen: 107.816 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

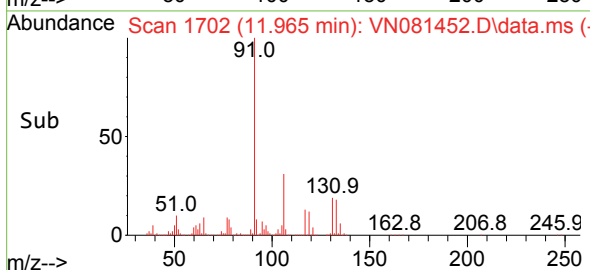
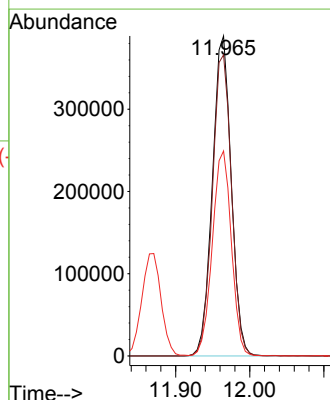
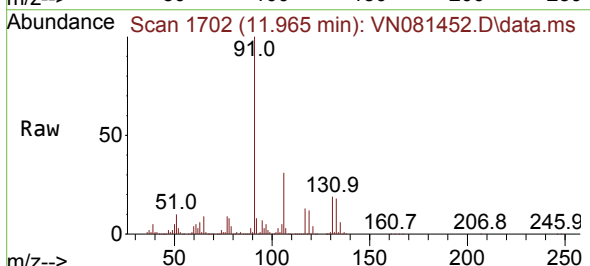
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

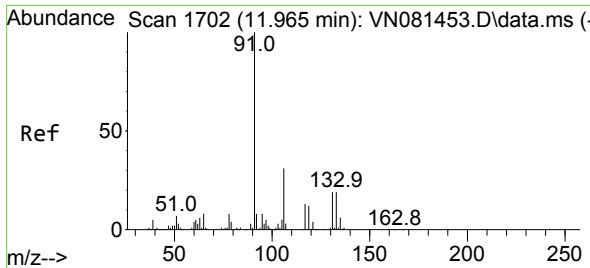
Tgt Ion:112 Resp: 1790633
Ion Ratio Lower Upper
112 100
114 32.5 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 111.660 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

Tgt Ion:131 Resp: 687317
Ion Ratio Lower Upper
131 100
133 95.3 46.8 140.3
119 64.6 34.6 103.9

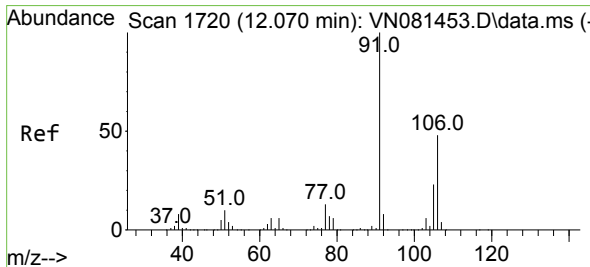
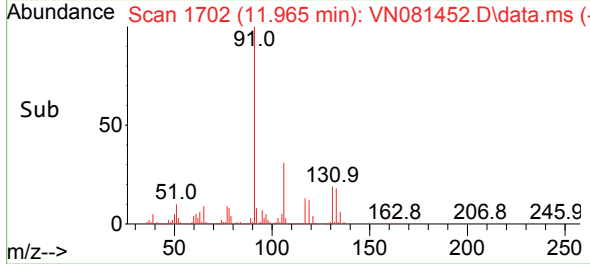
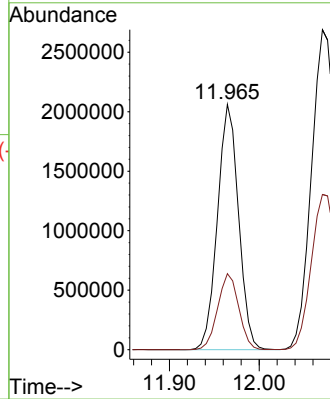
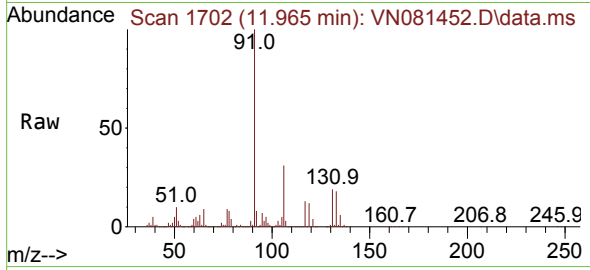




#67
Ethyl Benzene
Concen: 116.488 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

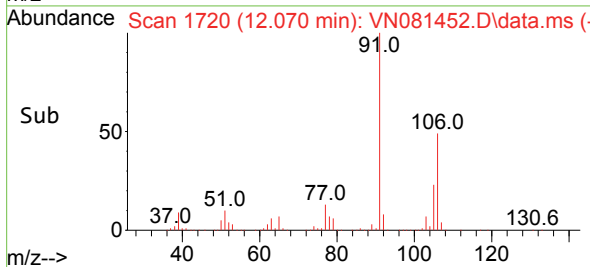
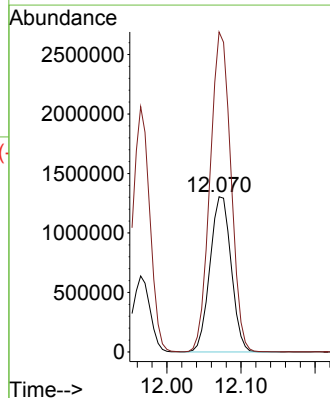
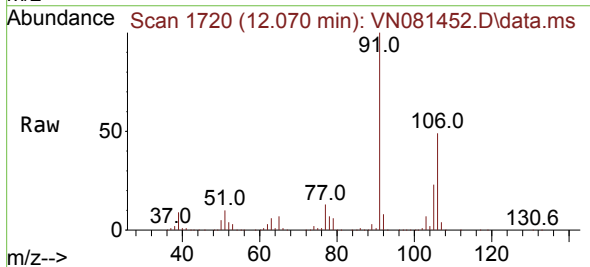
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

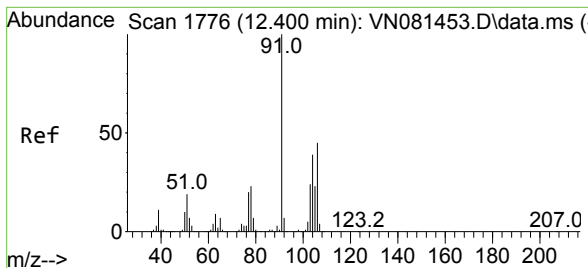
Tgt Ion: 91 Resp: 3360632
Ion Ratio Lower Upper
91 100
106 31.0 23.8 35.6



#68
m/p-Xylenes
Concen: 239.818 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

Tgt Ion:106 Resp: 2593691
Ion Ratio Lower Upper
106 100
91 202.4 169.0 253.6

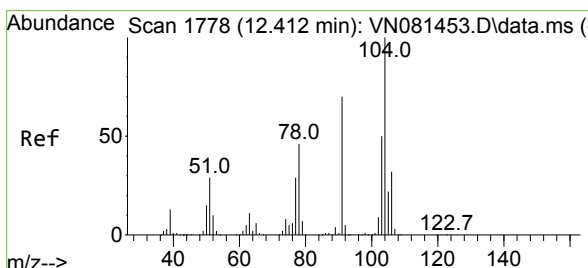
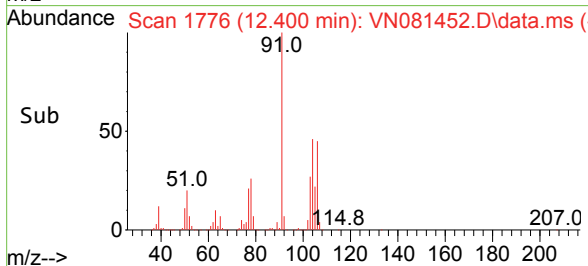
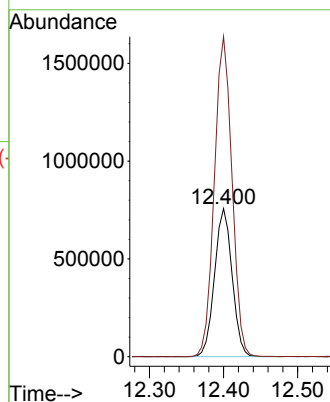
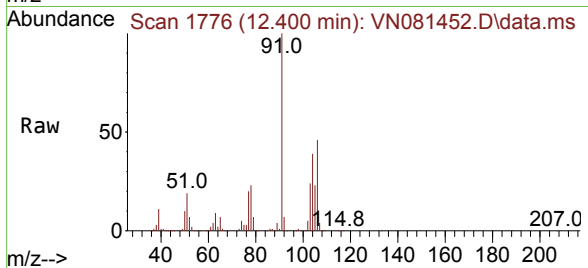




#69
o-Xylene
Concen: 117.492 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

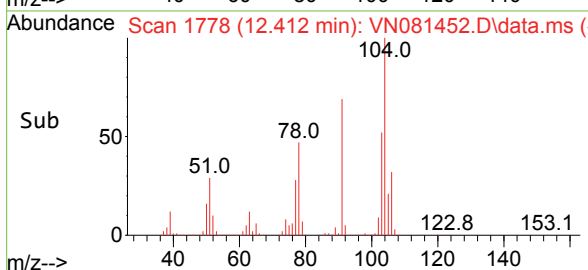
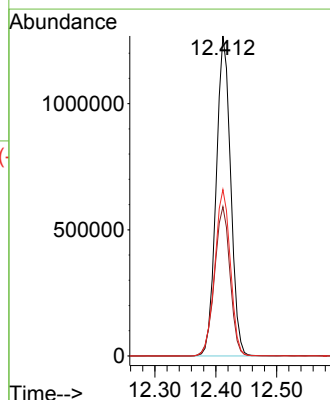
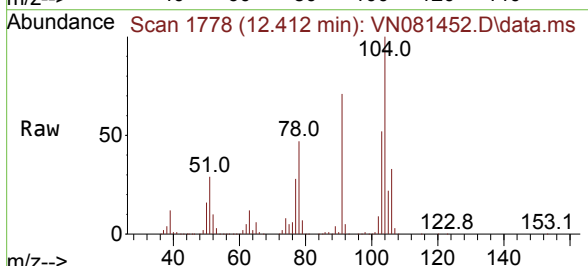
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

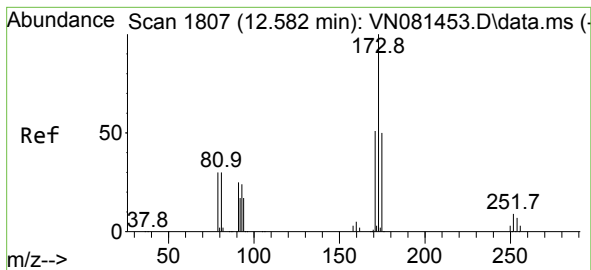
Tgt Ion:106 Resp: 1247481
Ion Ratio Lower Upper
106 100
91 217.2 112.1 336.3



#70
Styrene
Concen: 122.414 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

Tgt Ion:104 Resp: 2096232
Ion Ratio Lower Upper
104 100
78 49.8 43.8 65.8
103 55.6 44.2 66.2

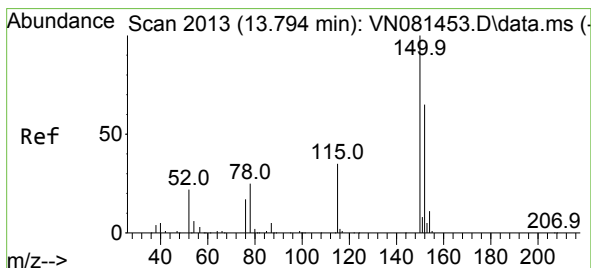
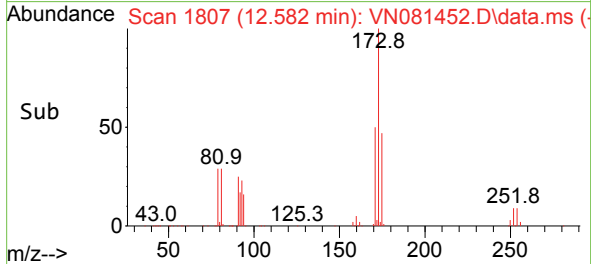
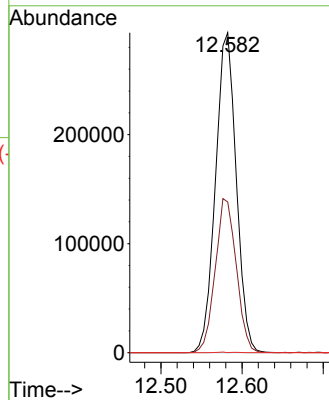
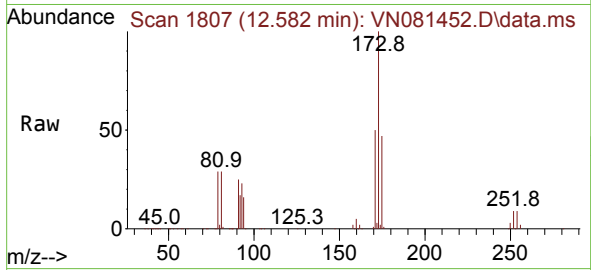




#71
Bromoform
Concen: 112.789 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

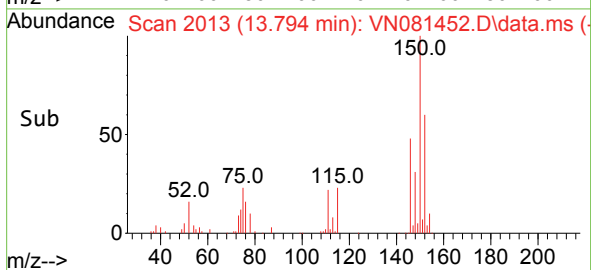
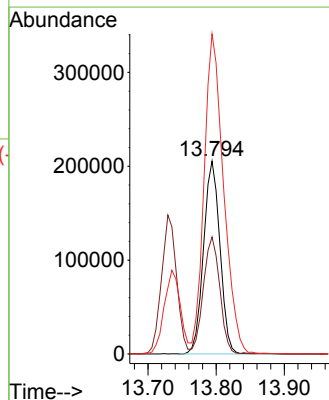
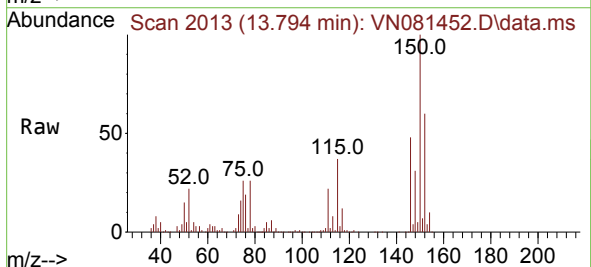
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

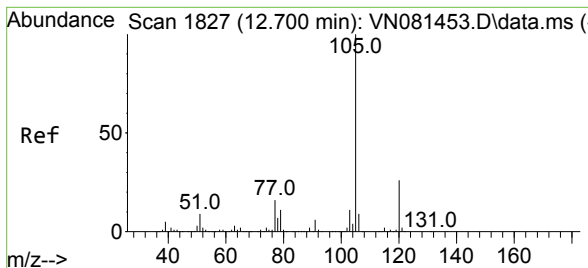
Tgt Ion:173 Resp: 521708
Ion Ratio Lower Upper
173 100
175 48.9 23.1 69.2
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

Tgt Ion:152 Resp: 344121
Ion Ratio Lower Upper
152 100
115 60.5 32.3 96.8
150 196.1 0.0 339.8





#73

Isopropylbenzene

Concen: 113.592 ug/l

RT: 12.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081452.D

Acq: 18 Mar 2024 16:03

Instrument :

MSVOA_N

ClientSampleId :

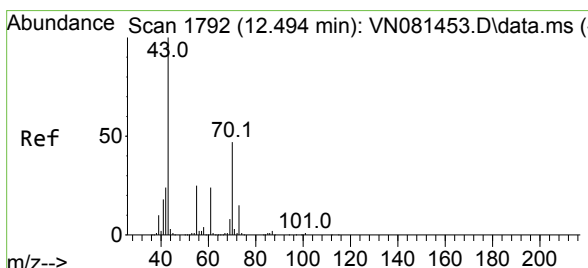
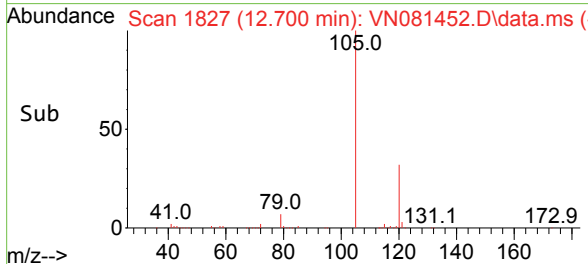
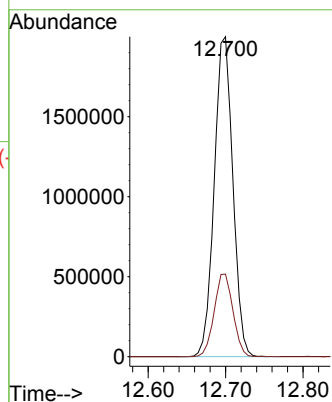
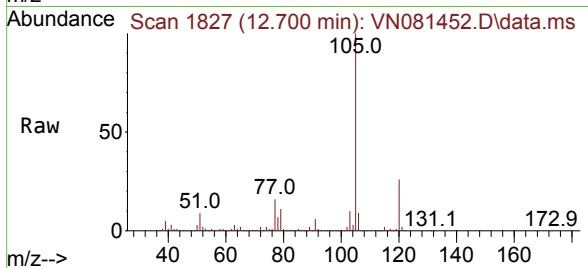
VSTDICC100

Tgt Ion:105 Resp: 3332020

Ion Ratio Lower Upper

105 100

120 26.1 12.6 37.6



#74

N-ethyl acetate

Concen: 115.095 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN081452.D

Acq: 18 Mar 2024 16:03

Tgt Ion: 43 Resp: 1221772

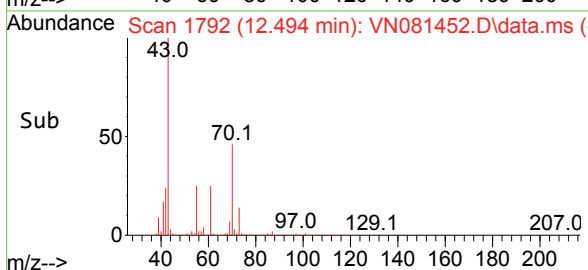
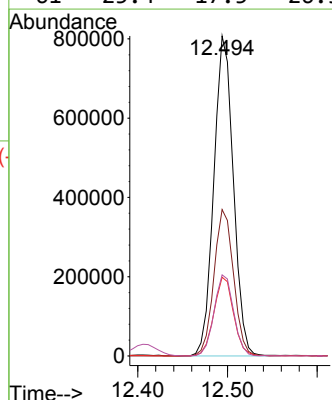
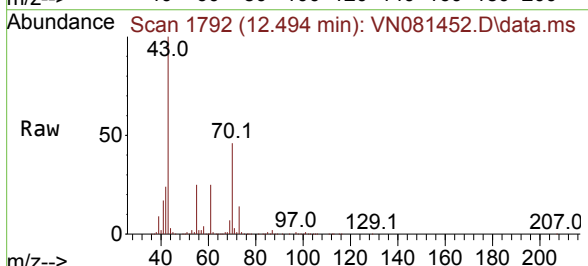
Ion Ratio Lower Upper

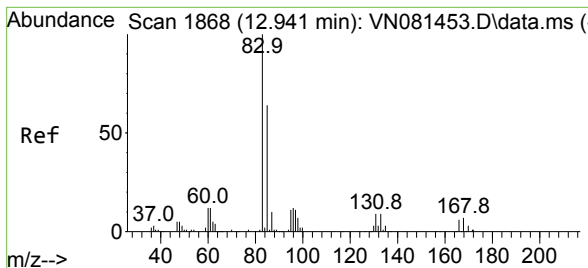
43 100

70 46.0 30.1 45.1#

55 24.9 17.0 25.4

61 25.4 17.5 26.3

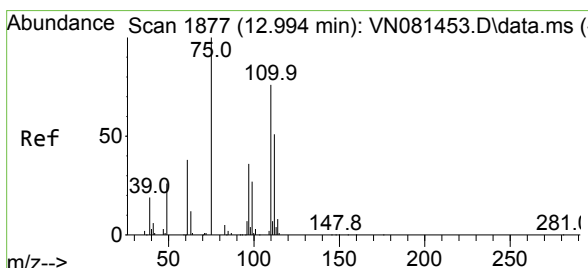
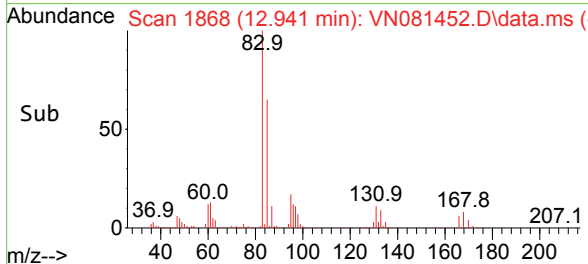
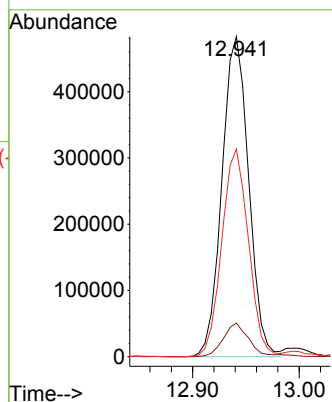
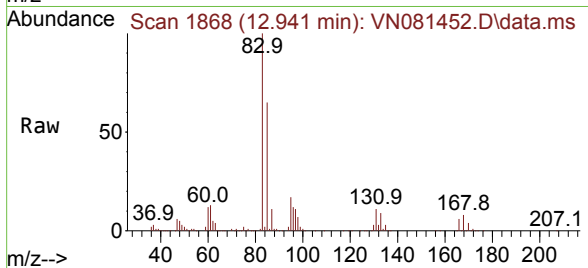




#75
1,1,2,2-Tetrachloroethane
Concen: 97.623 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

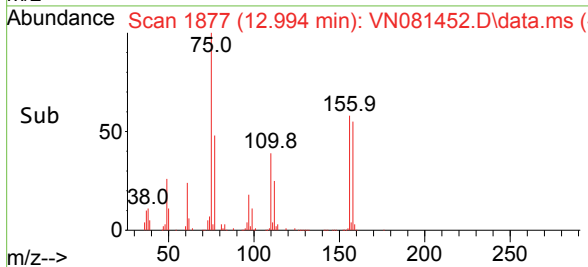
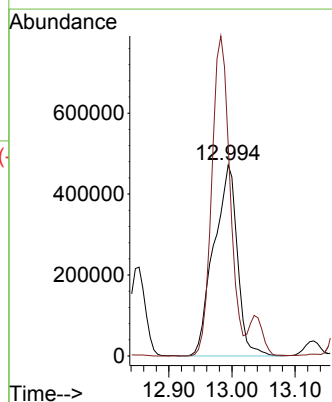
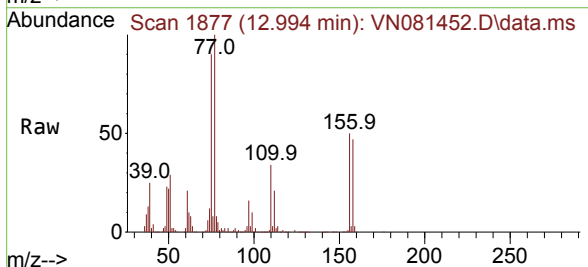
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

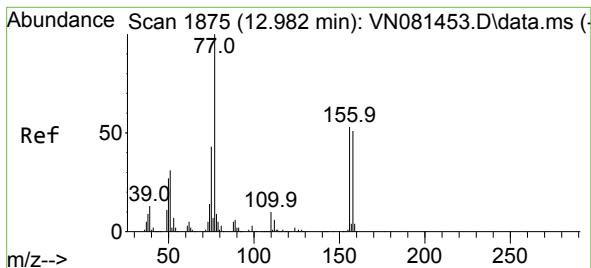
Tgt Ion: 83 Resp: 841944
Ion Ratio Lower Upper
83 100
131 10.3 4.1 12.3
85 64.6 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 148.671 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

Tgt Ion: 75 Resp: 1221007
Ion Ratio Lower Upper
75 100
77 128.7 91.0 272.8





#77

Bromobenzene

Concen: 104.097 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN081452.D

Acq: 18 Mar 2024 16:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

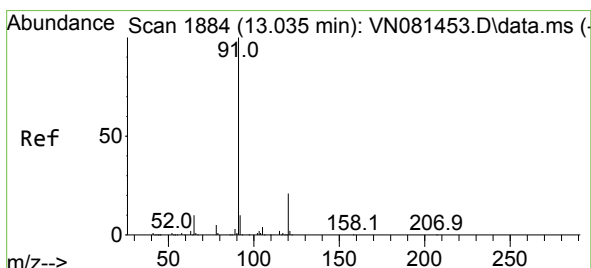
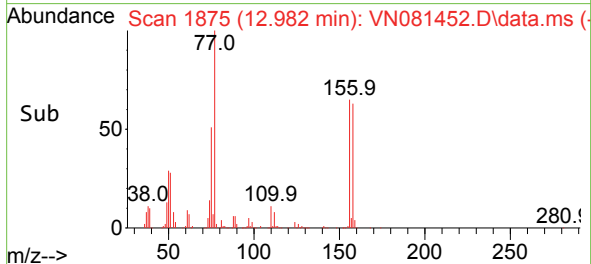
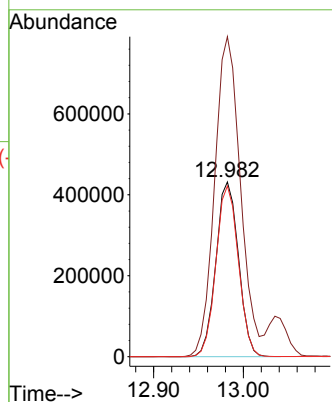
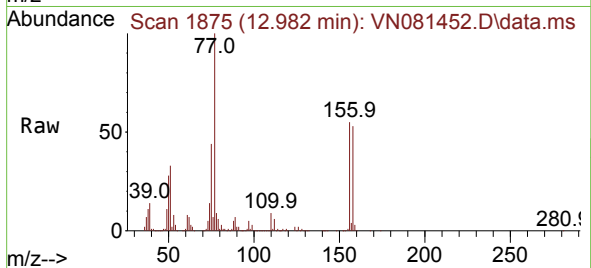
Tgt Ion:156 Resp: 754297

Ion Ratio Lower Upper

156 100

77 208.4 138.1 414.3

158 97.1 46.5 139.5



#78

n-propylbenzene

Concen: 115.778 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN081452.D

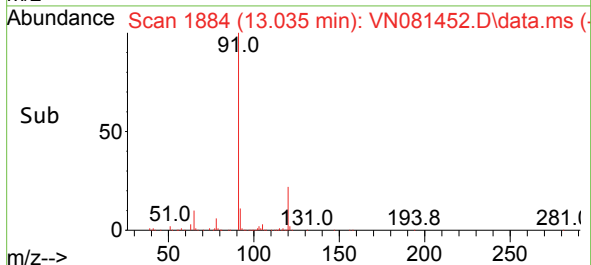
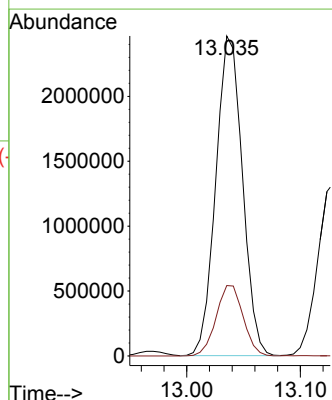
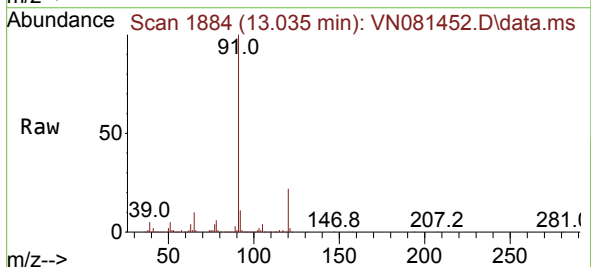
Acq: 18 Mar 2024 16:03

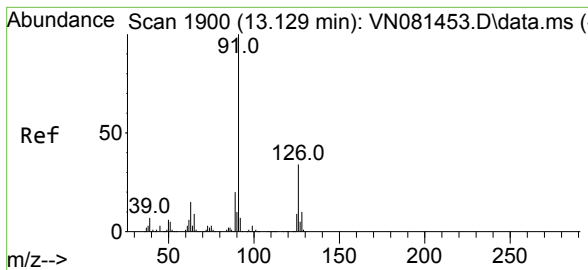
Tgt Ion: 91 Resp: 4010676

Ion Ratio Lower Upper

91 100

120 22.4 10.3 30.9

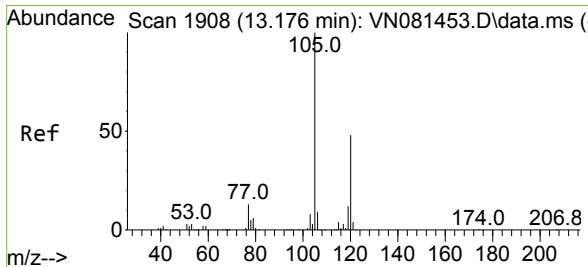
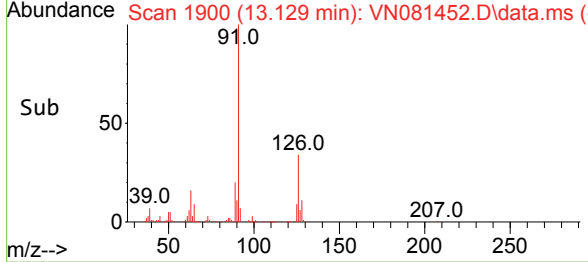
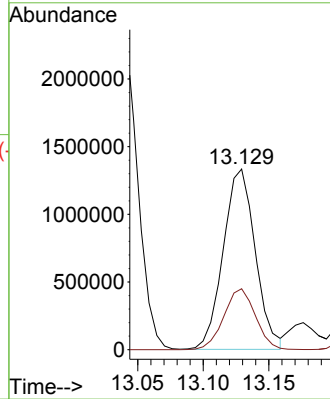
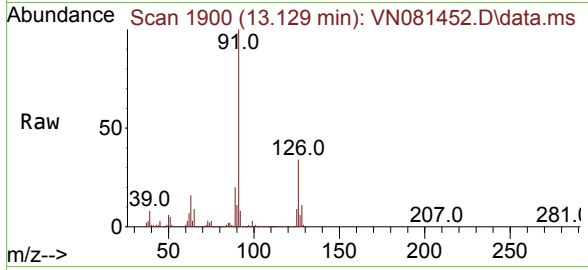




#79
 2-Chlorotoluene
 Concen: 109.358 ug/l
 RT: 13.129 min Scan# 1900
 Delta R.T. 0.000 min
 Lab File: VN081452.D
 Acq: 18 Mar 2024 16:03

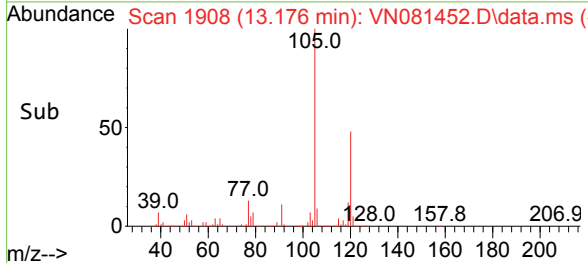
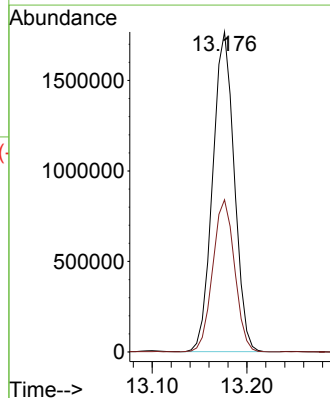
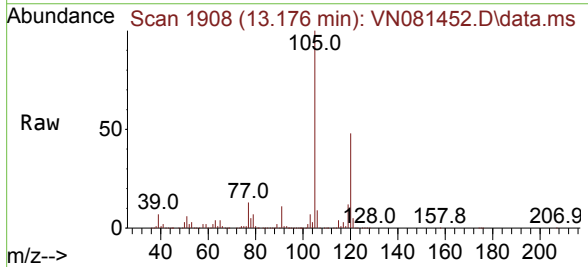
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

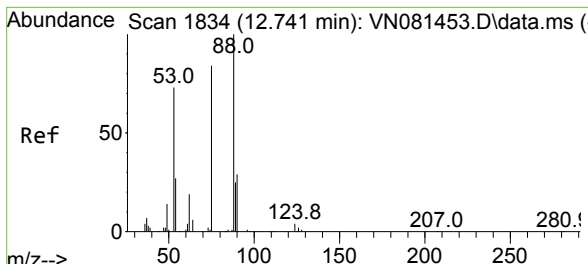
Tgt Ion: 91 Resp: 2267320
 Ion Ratio Lower Upper
 91 100
 126 33.3 14.8 44.4



#80
 1,3,5-Trimethylbenzene
 Concen: 115.427 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VN081452.D
 Acq: 18 Mar 2024 16:03

Tgt Ion: 105 Resp: 2796554
 Ion Ratio Lower Upper
 105 100
 120 48.2 23.0 69.0

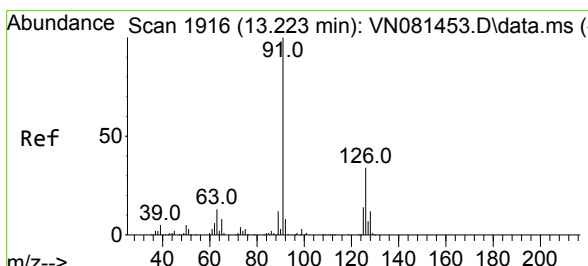
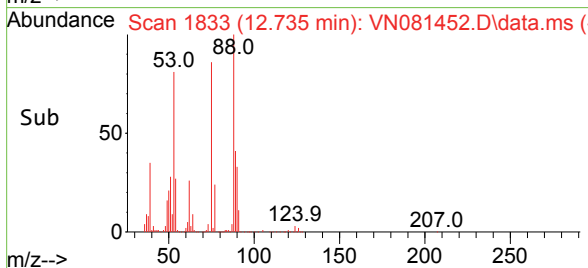
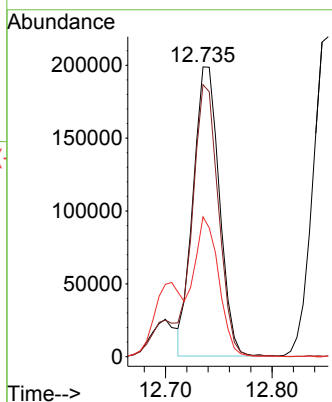
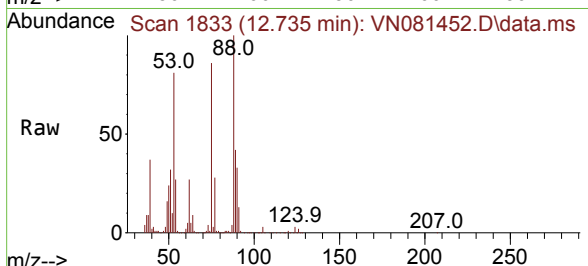




#81
trans-1,4-Dichloro-2-butene
Concen: 111.576 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

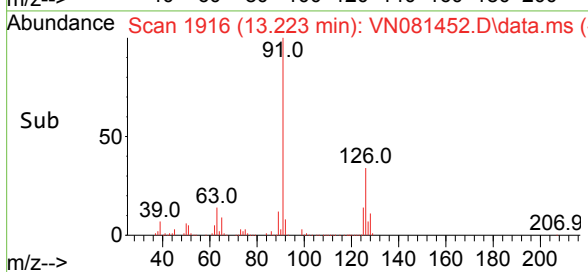
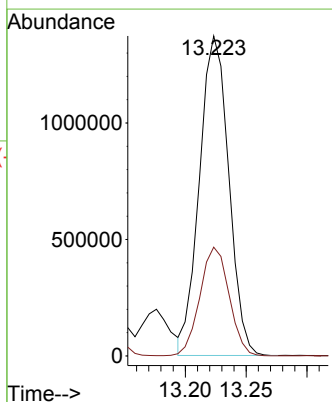
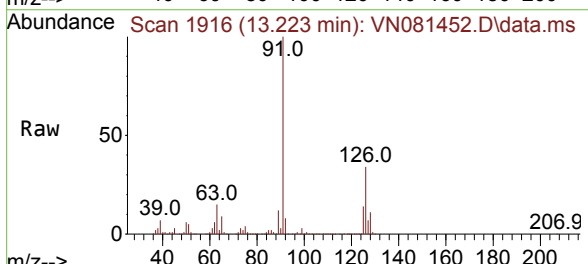
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

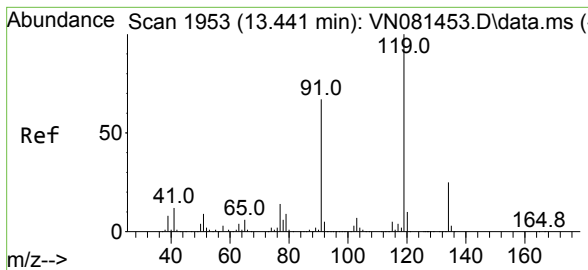
Tgt Ion: 75 Resp: 339872
Ion Ratio Lower Upper
75 100
53 105.1 71.4 107.2
89 45.7 33.4 50.0



#82
4-Chlorotoluene
Concen: 112.296 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

Tgt Ion: 91 Resp: 2295424
Ion Ratio Lower Upper
91 100
126 33.9 15.3 45.9

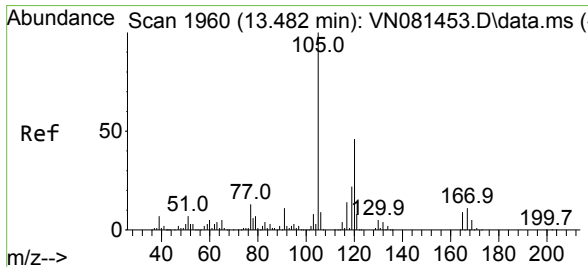
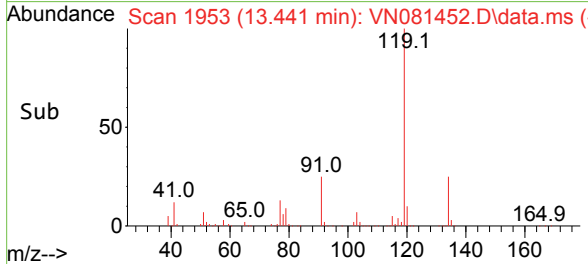
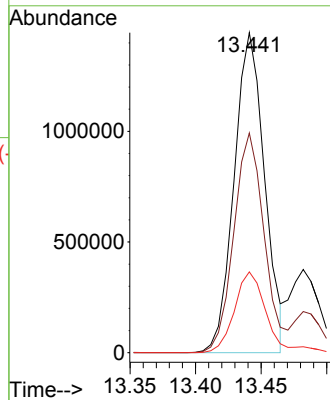
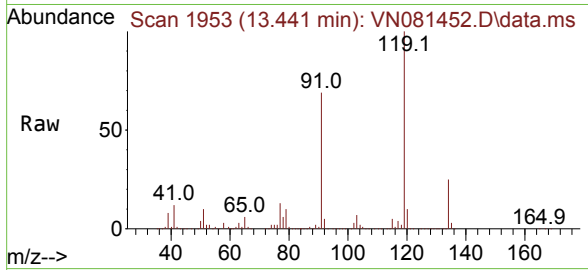




#83
tert-Butylbenzene
Concen: 111.862 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

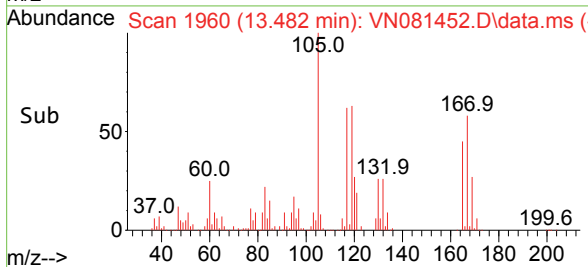
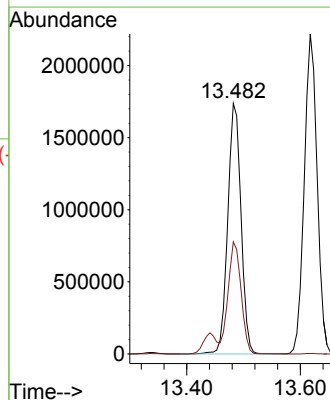
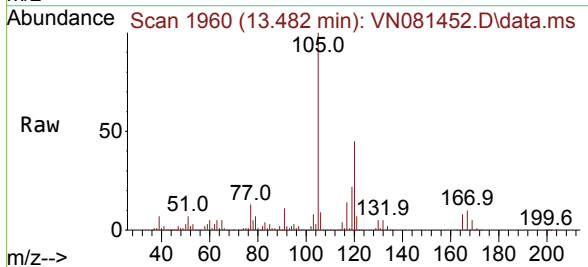
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

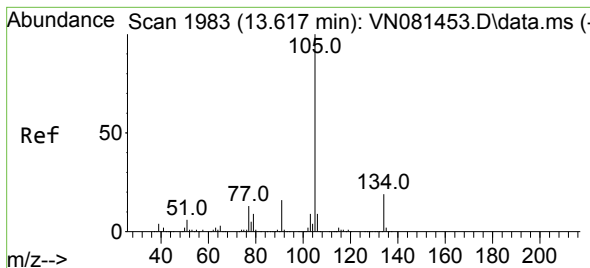
Tgt Ion:119 Resp: 2337071
Ion Ratio Lower Upper
119 100
91 68.9 36.8 110.4
134 26.6 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 115.946 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

Tgt Ion:105 Resp: 2823356
Ion Ratio Lower Upper
105 100
120 43.7 20.9 62.7





#85

sec-Butylbenzene

Concen: 116.752 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN081452.D

Acq: 18 Mar 2024 16:03

Instrument :

MSVOA_N

ClientSampleId :

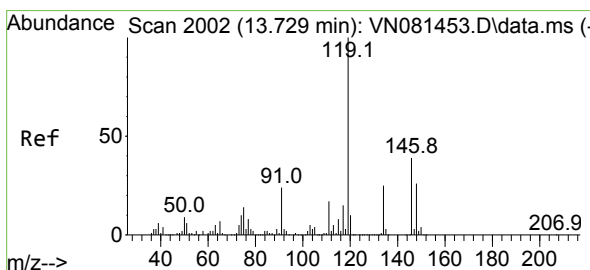
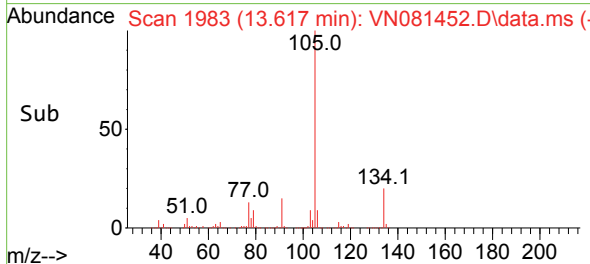
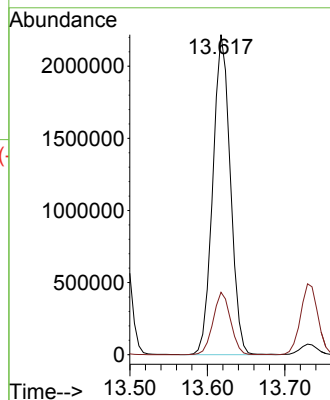
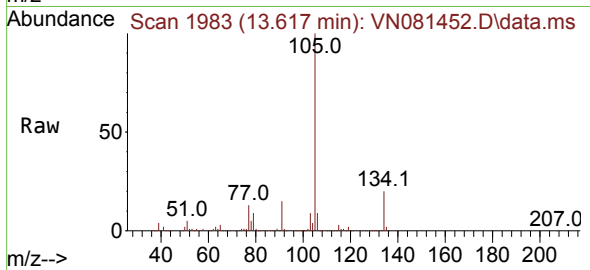
VSTDICC100

Tgt Ion:105 Resp: 3486991

Ion Ratio Lower Upper

105 100

134 19.5 8.6 25.8



#86

p-Isopropyltoluene

Concen: 119.627 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN081452.D

Acq: 18 Mar 2024 16:03

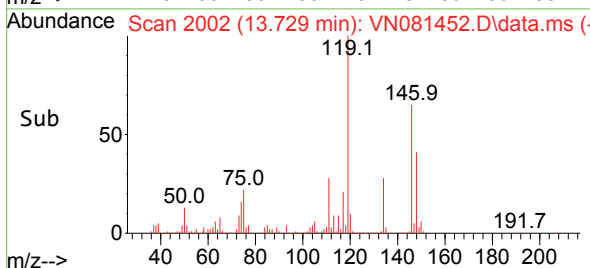
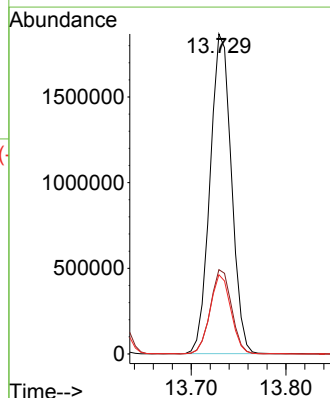
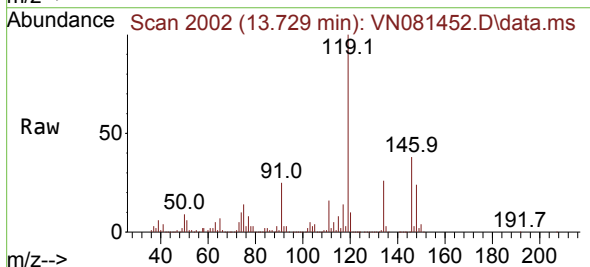
Tgt Ion:119 Resp: 2920609

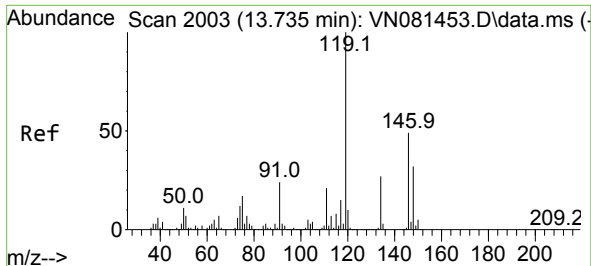
Ion Ratio Lower Upper

119 100

134 26.3 12.4 37.2

91 24.2 13.5 40.4

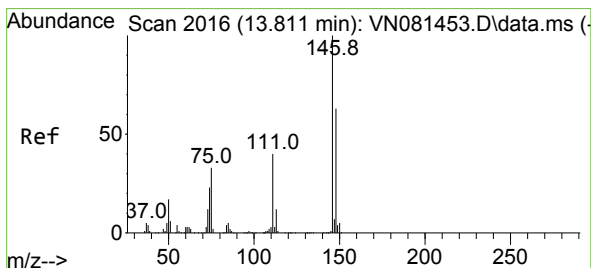
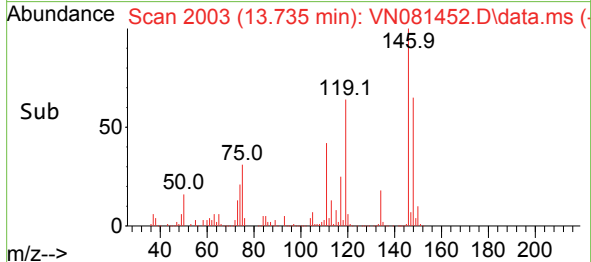
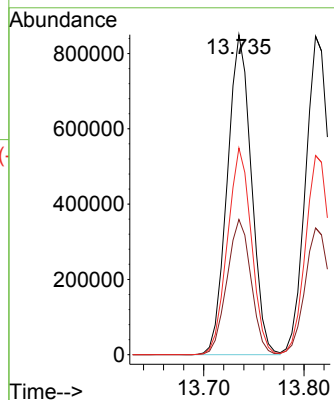
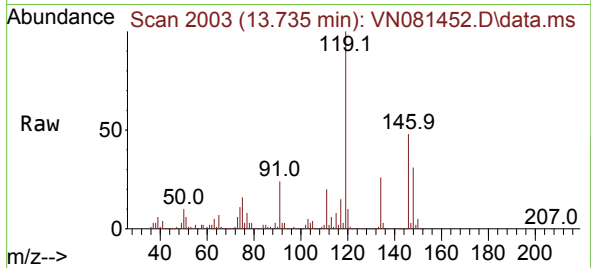




#87
1,3-Dichlorobenzene
Concen: 106.473 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

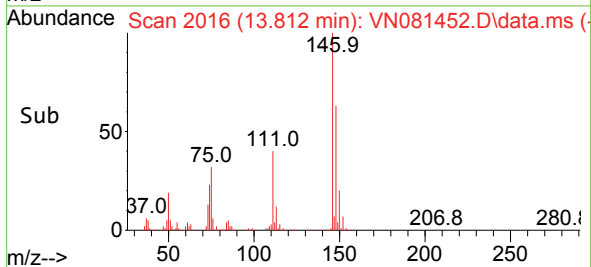
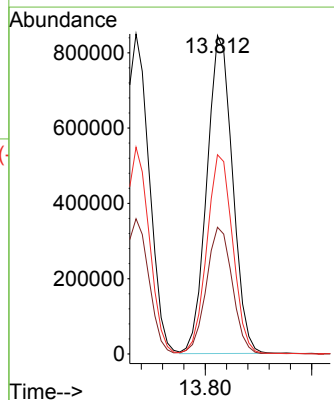
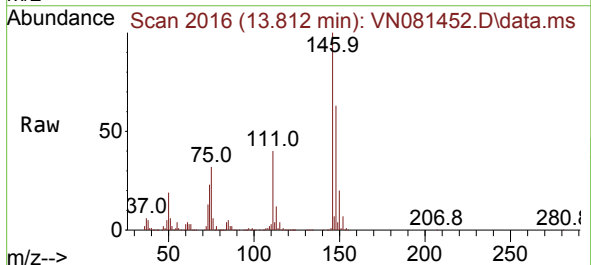
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

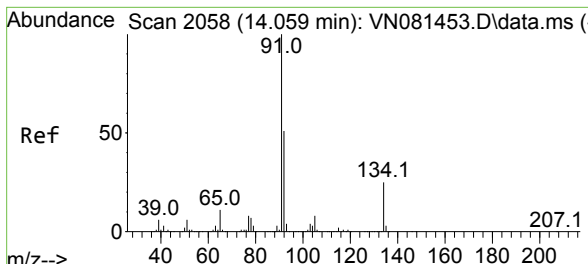
Tgt Ion:146 Resp: 1417510
Ion Ratio Lower Upper
146 100
111 42.2 23.9 71.7
148 64.3 32.6 97.7



#88
1,4-Dichlorobenzene
Concen: 102.742 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

Tgt Ion:146 Resp: 1416330
Ion Ratio Lower Upper
146 100
111 40.0 22.6 67.7
148 62.9 31.9 95.5



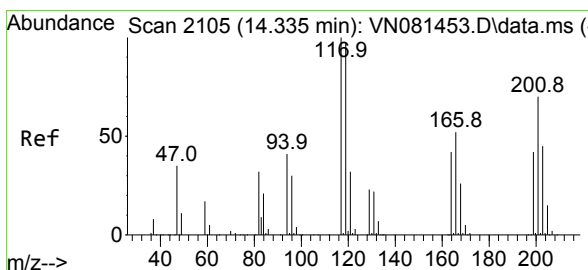
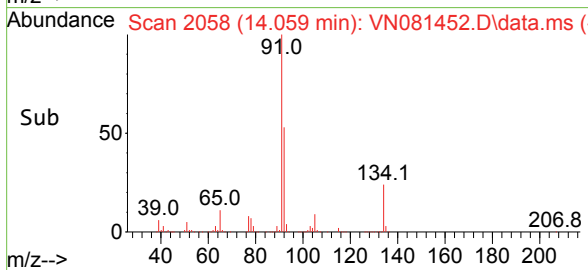
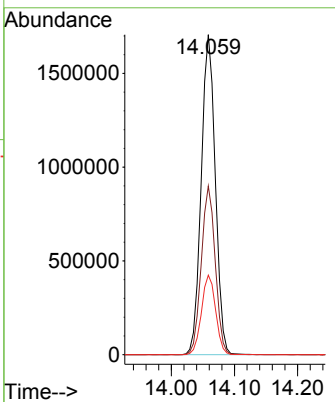
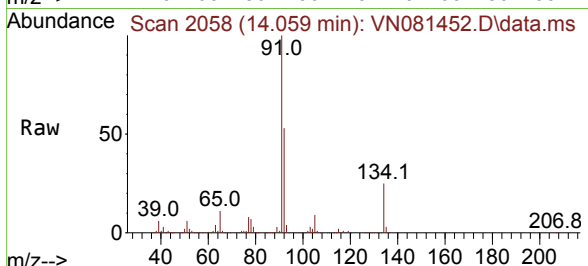


#89
 n-Butylbenzene
 Concen: 122.157 ug/l
 RT: 14.059 min Scan# 2058
 Delta R.T. 0.000 min
 Lab File: VN081452.D
 Acq: 18 Mar 2024 16:03

Instrument : MSVOA_N
 ClientSampleId : VSTDIC100

Tgt Ion: 91 Resp: 2644571

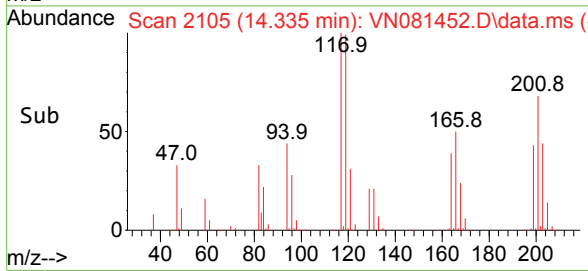
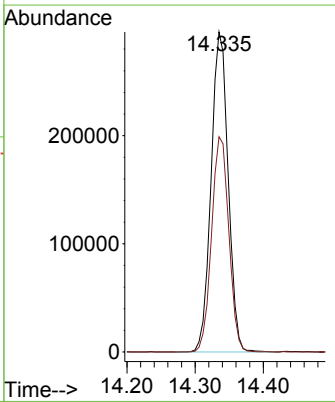
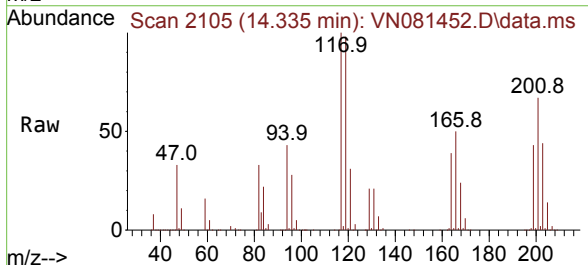
Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.7	80.1
134	25.0	10.8	32.4

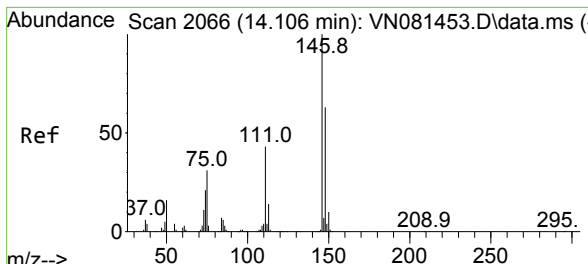


#90
 Hexachloroethane
 Concen: 111.324 ug/l
 RT: 14.335 min Scan# 2105
 Delta R.T. 0.000 min
 Lab File: VN081452.D
 Acq: 18 Mar 2024 16:03

Tgt Ion: 117 Resp: 514728

Ion	Ratio	Lower	Upper
117	100		
201	68.0	30.0	90.0

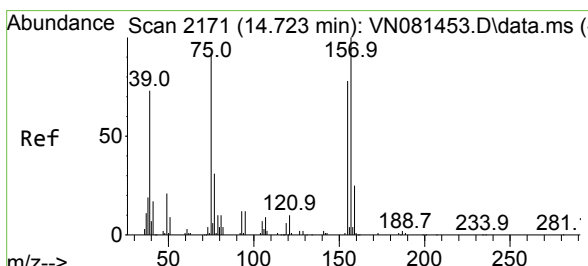
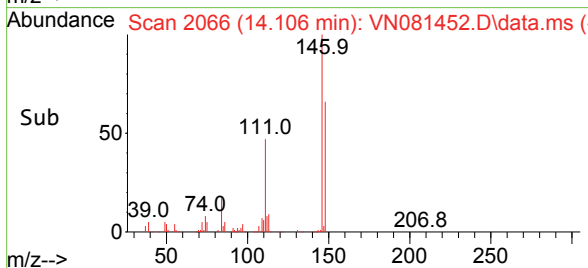
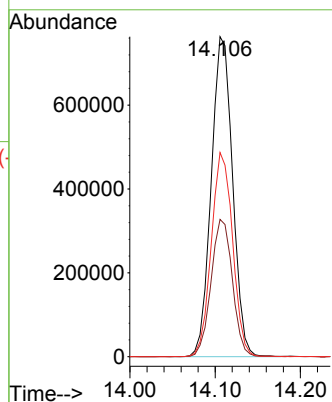
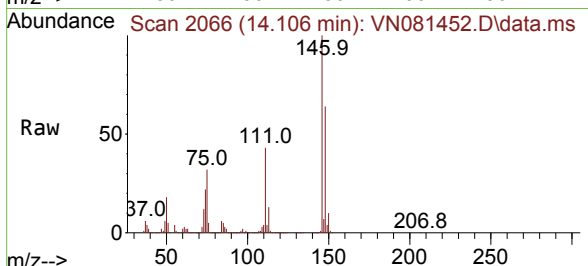




#91
 1,2-Dichlorobenzene
 Concen: 103.710 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: VN081452.D
 Acq: 18 Mar 2024 16:03

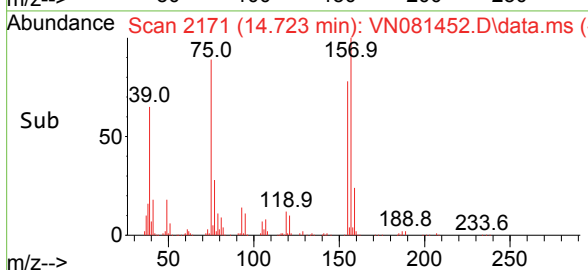
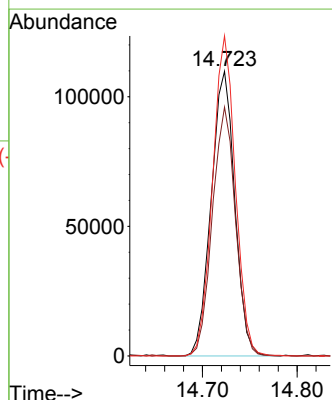
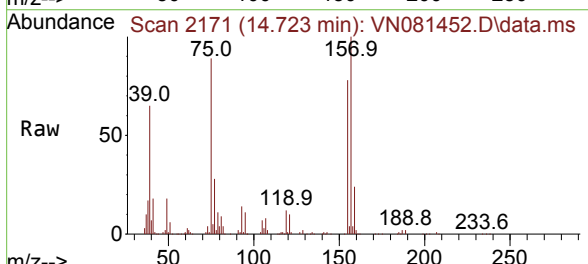
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

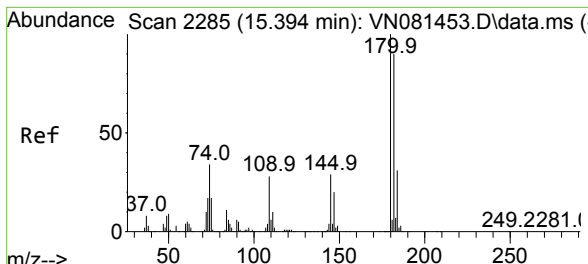
Tgt Ion:146 Resp: 1328929
 Ion Ratio Lower Upper
 146 100
 111 42.9 23.9 71.8
 148 63.9 31.4 94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 103.517 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN081452.D
 Acq: 18 Mar 2024 16:03

Tgt Ion: 75 Resp: 189998
 Ion Ratio Lower Upper
 75 100
 155 85.6 31.8 95.4
 157 108.5 41.1 123.4

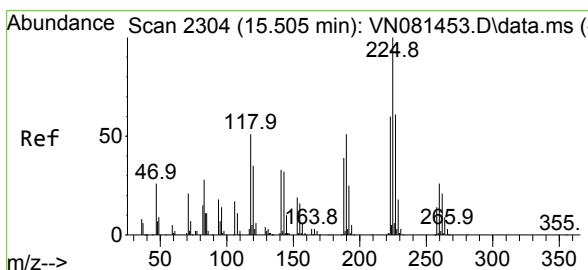
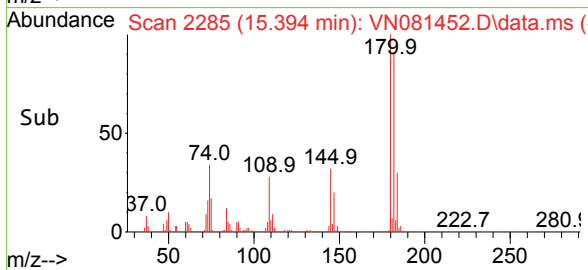
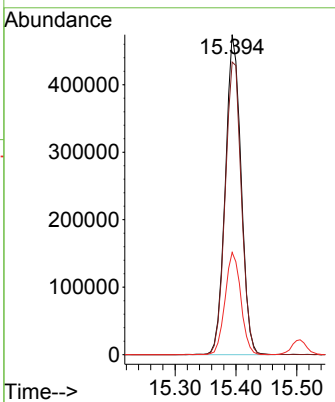
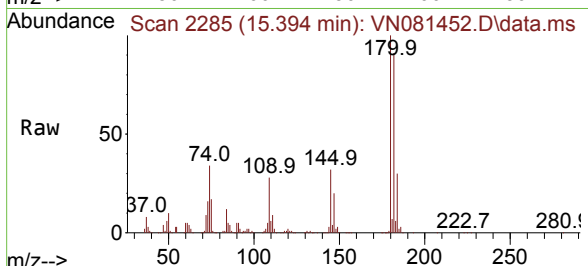




#93
 1,2,4-Trichlorobenzene
 Concen: 114.935 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN081452.D
 Acq: 18 Mar 2024 16:03

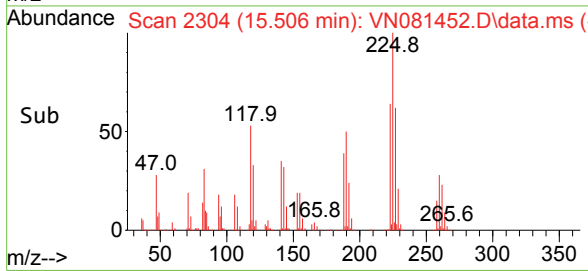
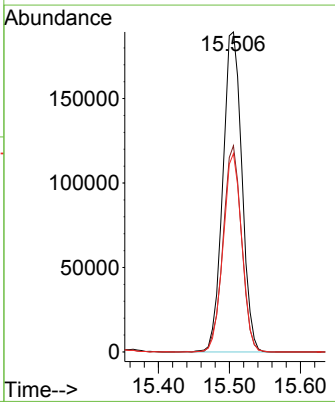
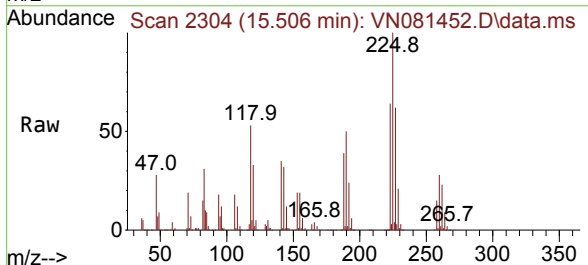
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

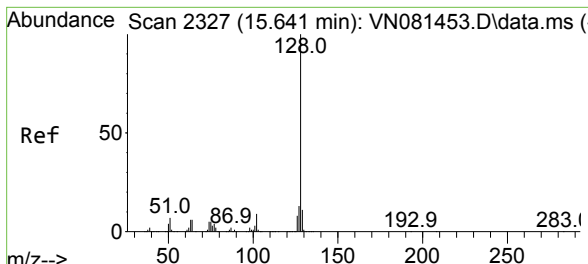
Tgt Ion:	180	Resp:	851569
Ion Ratio	Lower	Upper	
180	100		
182	94.2	46.6	139.7
145	32.0	16.8	50.3



#94
 Hexachlorobutadiene
 Concen: 108.429 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. 0.000 min
 Lab File: VN081452.D
 Acq: 18 Mar 2024 16:03

Tgt Ion:	225	Resp:	352486
Ion Ratio	Lower	Upper	
225	100		
223	62.5	33.3	99.8
227	61.0	33.1	99.2



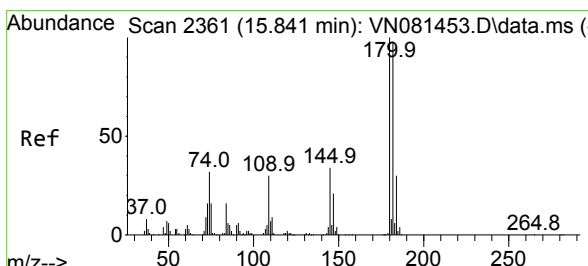
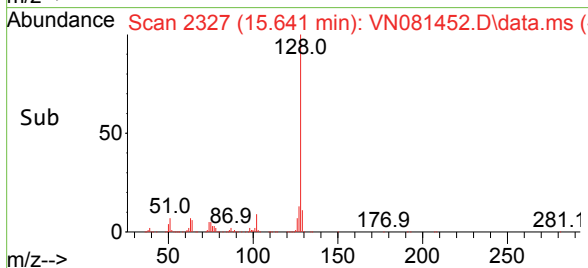
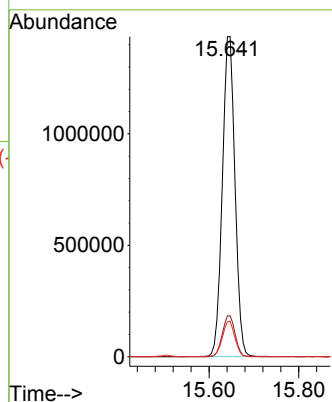
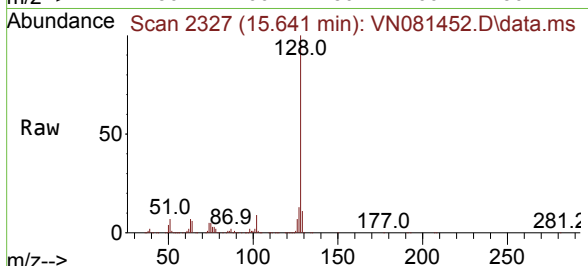


#95
Naphthalene
Concen: 117.360 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 2817582

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.0	15.0
129	10.9	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 112.073 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN081452.D
Acq: 18 Mar 2024 16:03

Tgt Ion:180 Resp: 835235

Ion	Ratio	Lower	Upper
180	100		
182	96.8	46.5	139.3
145	33.6	17.8	53.4

