

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042524\
 Data File : VN081841.D
 Acq On : 25 Apr 2024 10:21
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Apr 26 04:55:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 04:43:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	245992	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	462412	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	402071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	168184	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	425399	102.464	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 204.920%#	
35) Dibromofluoromethane	8.165	113	288842	103.746	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 207.500%#	
50) Toluene-d8	10.565	98	1156893	105.803	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 211.600%#	
62) 4-Bromofluorobenzene	12.847	95	457092	105.749	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 211.500%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	340517	98.611	ug/l	99
3) Chloromethane	2.359	50	322922	89.641	ug/l	98
4) Vinyl Chloride	2.512	62	319852	98.086	ug/l	96
5) Bromomethane	2.942	94	128770	97.700	ug/l	92
6) Chloroethane	3.112	64	150592	91.371	ug/l	97
7) Trichlorofluoromethane	3.495	101	496957	98.517	ug/l	99
8) Diethyl Ether	3.959	74	208707	97.399	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.365	101	292619	99.917	ug/l	95
10) Methyl Iodide	4.589	142	295632	115.252	ug/l	99
11) Tert butyl alcohol	5.518	59	355337	470.807	ug/l	99
12) 1,1-Dichloroethene	4.336	96	289054	97.017	ug/l	84
13) Acrolein	4.171	56	288271	496.833	ug/l	97
14) Allyl chloride	5.018	41	578685	91.823	ug/l #	89
15) Acrylonitrile	5.712	53	854163	471.310	ug/l	99
16) Acetone	4.418	43	602138	495.821	ug/l	96
17) Carbon Disulfide	4.712	76	816687	91.199	ug/l	98
18) Methyl Acetate	5.018	43	401619	95.505	ug/l	90
19) Methyl tert-butyl Ether	5.794	73	1099803	97.825	ug/l	98
20) Methylene Chloride	5.271	84	323585	90.947	ug/l #	80
21) trans-1,2-Dichloroethene	5.783	96	291620	89.770	ug/l #	77
22) Diisopropyl ether	6.671	45	1156557	94.838	ug/l #	95
23) Vinyl Acetate	6.600	43	4734145	477.776	ug/l #	92
24) 1,1-Dichloroethane	6.565	63	623068	98.161	ug/l	97
25) 2-Butanone	7.477	43	1109358	470.786	ug/l #	88
26) 2,2-Dichloropropane	7.488	77	582485	99.758	ug/l	96
27) cis-1,2-Dichloroethene	7.483	96	360393	94.940	ug/l	81
28) Bromochloromethane	7.812	49	288694	95.696	ug/l #	76
29) Tetrahydrofuran	7.835	42	757578	448.324	ug/l	89
30) Chloroform	7.965	83	610808	97.082	ug/l	98
31) Cyclohexane	8.259	56	559784	89.504	ug/l	88
32) 1,1,1-Trichloroethane	8.165	97	541022	96.424	ug/l	95
36) 1,1-Dichloropropene	8.371	75	436366	96.340	ug/l	97
37) Ethyl Acetate	7.559	43	481106	98.240	ug/l	96
38) Carbon Tetrachloride	8.365	117	445583	100.655	ug/l	99
39) Methylcyclohexane	9.600	83	537143	97.647	ug/l #	88
40) Benzene	8.606	78	1318423	96.964	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	271393	86.850	ug/l	91
42) 1,2-Dichloroethane	8.671	62	489838	97.016	ug/l	96
43) Isopropyl Acetate	8.688	43	869862	94.466	ug/l	93
44) Trichloroethene	9.347	130	302220	96.405	ug/l	91
45) 1,2-Dichloropropane	9.624	63	339423	95.384	ug/l	100
46) Dibromomethane	9.706	93	220752	89.754	ug/l	91
47) Bromodichloromethane	9.888	83	496562	95.732	ug/l #	99
48) Methyl methacrylate	9.682	41	422030	96.006	ug/l #	85
49) 1,4-Dioxane	9.694	88	126727	1896.737	ug/l #	75
51) 4-Methyl-2-Pentanone	10.447	43	2417566	466.377	ug/l	93
52) Toluene	10.629	92	786156	96.548	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	557427	98.765	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	582186	100.085	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	291834	91.131	ug/l	99
56) Ethyl methacrylate	10.876	69	574654	94.238	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	545095	95.742	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	1049596	377.836	ug/l	90
59) 2-Hexanone	11.194	43	1849296	479.374	ug/l	94
60) Dibromochloromethane	11.359	129	340727	100.455	ug/l	98
61) 1,2-Dibromoethane	11.471	107	297720	97.217	ug/l	99
64) Tetrachloroethene	11.100	164	279072	95.565	ug/l #	89
65) Chlorobenzene	11.888	112	833410	94.917	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	276434	96.872	ug/l	99
67) Ethyl Benzene	11.965	91	1558689	95.454	ug/l	96
68) m/p-Xylenes	12.070	106	1117559	191.871	ug/l	87
69) o-Xylene	12.400	106	539679	94.906	ug/l	85
70) Styrene	12.412	104	946741	96.242	ug/l #	92
71) Bromoform	12.576	173	208351	92.872	ug/l #	98
73) Isopropylbenzene	12.694	105	1437676	96.146	ug/l	97
74) N-amyl acetate	12.494	43	766177	92.032	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.935	83	394509	87.856	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	618170	141.467	ug/l	66
77) Bromobenzene	12.982	156	291747	93.237	ug/l	64
78) n-propylbenzene	13.035	91	1755307	96.640	ug/l	95
79) 2-Chlorotoluene	13.123	91	1093636	94.638	ug/l	89
80) 1,3,5-Trimethylbenzene	13.170	105	1224347	96.760	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.735	75	189736	89.160	ug/l #	83
82) 4-Chlorotoluene	13.223	91	1095480	97.643	ug/l	89
83) tert-Butylbenzene	13.441	119	1001964	95.087	ug/l	89
84) 1,2,4-Trimethylbenzene	13.482	105	1217966	96.387	ug/l	94
85) sec-Butylbenzene	13.617	105	1458544	98.265	ug/l	95
86) p-Isopropyltoluene	13.729	119	1155674	96.969	ug/l	94
87) 1,3-Dichlorobenzene	13.735	146	541857	92.806	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	554372	96.421	ug/l	94
89) n-Butylbenzene	14.059	91	1148349	103.517	ug/l	97
90) Hexachloroethane	14.335	117	236917	101.054	ug/l	91
91) 1,2-Dichlorobenzene	14.106	146	532538	95.146	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.717	75	105543	96.543	ug/l	77
93) 1,2,4-Trichlorobenzene	15.394	180	311969	99.629	ug/l	97
94) Hexachlorobutadiene	15.500	225	119459	103.503	ug/l	96
95) Naphthalene	15.641	128	1185969	100.232	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	299699	99.687	ug/l	95

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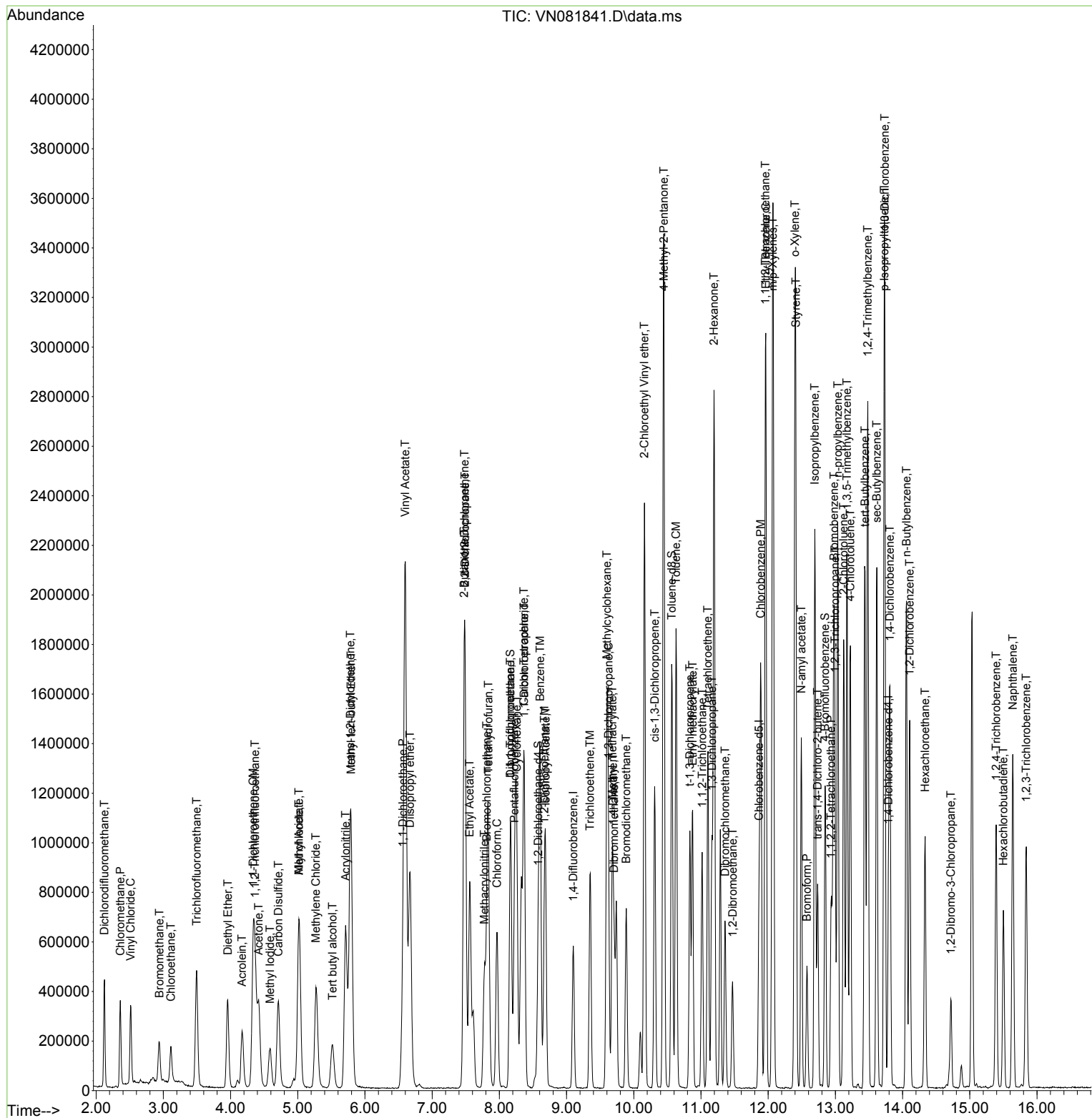
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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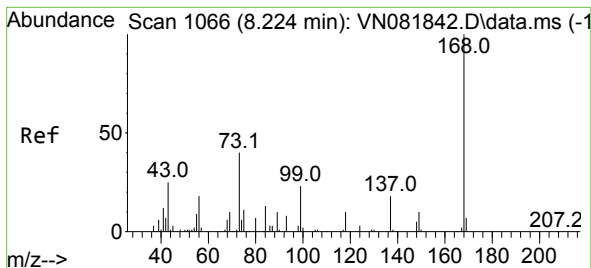
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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MSVOA_N

ClientSampleId :

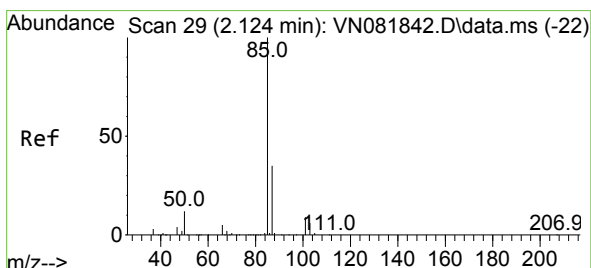
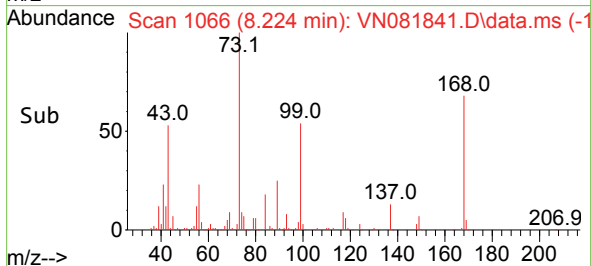
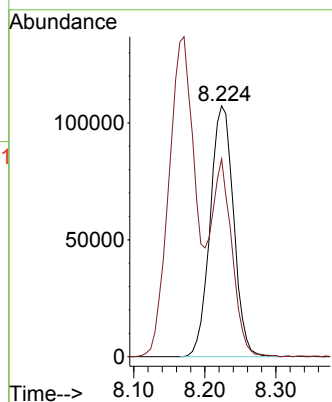
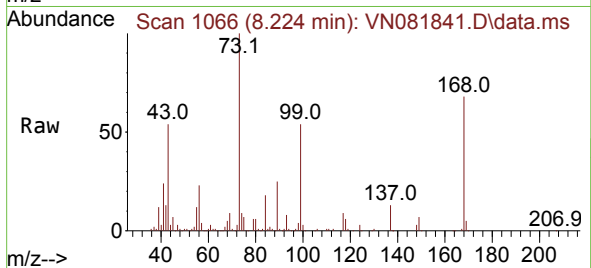
VSTDIC100

Tgt Ion:168 Resp: 245992

Ion Ratio Lower Upper

168 100

99 78.8 48.2 72.4#



#2

Dichlorodifluoromethane

Concen: 98.611 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN081841.D

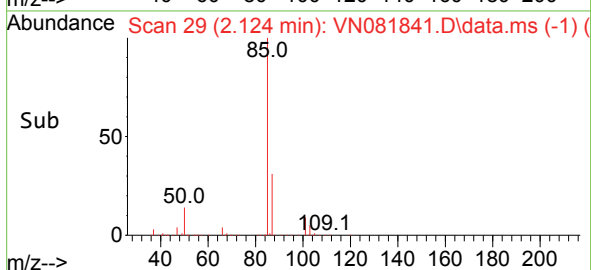
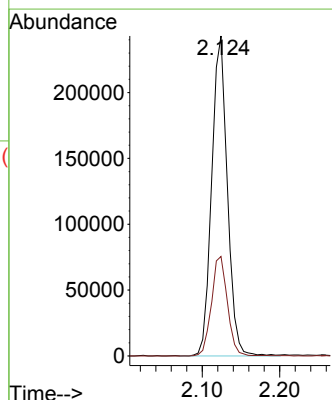
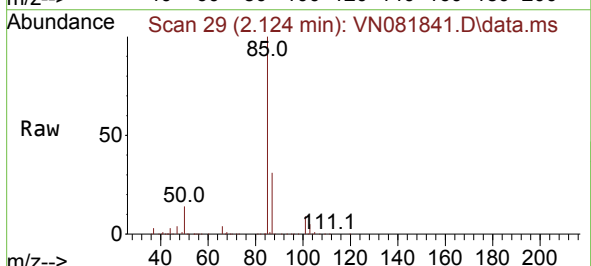
Acq: 25 Apr 2024 10:21

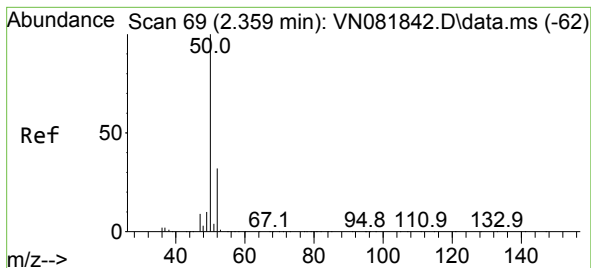
Tgt Ion: 85 Resp: 340517

Ion Ratio Lower Upper

85 100

87 31.1 15.8 47.4





#3

Chloromethane

Concen: 89.641 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN081841.D

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ClientSampleId :

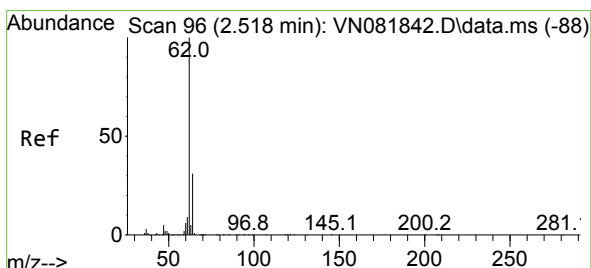
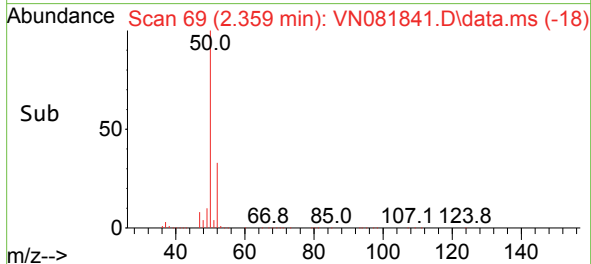
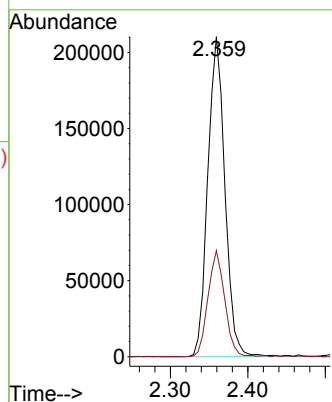
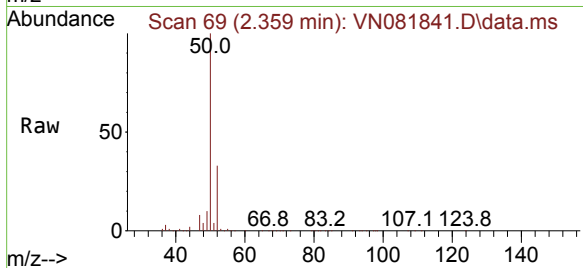
VSTDIC100

Tgt Ion: 50 Resp: 322922

Ion Ratio Lower Upper

50 100

52 33.2 25.5 38.3



#4

Vinyl Chloride

Concen: 98.086 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.006 min

Lab File: VN081841.D

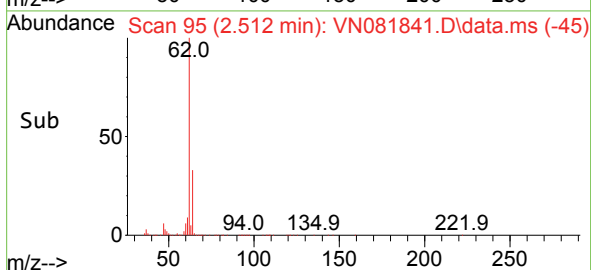
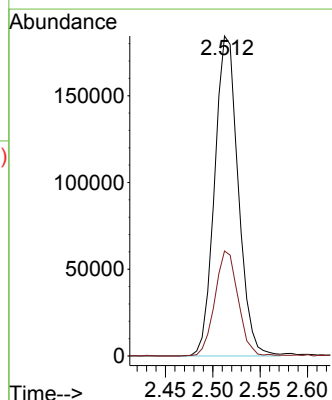
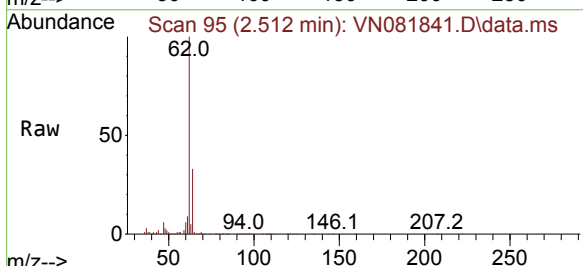
Acq: 25 Apr 2024 10:21

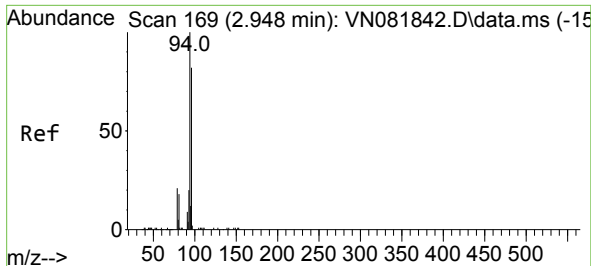
Tgt Ion: 62 Resp: 319852

Ion Ratio Lower Upper

62 100

64 32.8 24.6 37.0

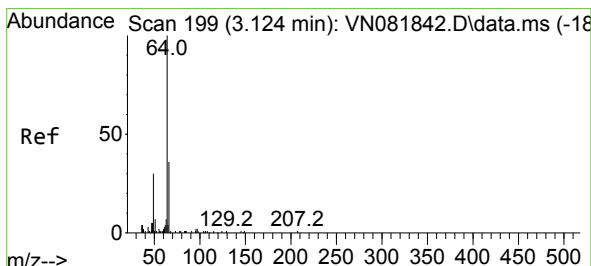
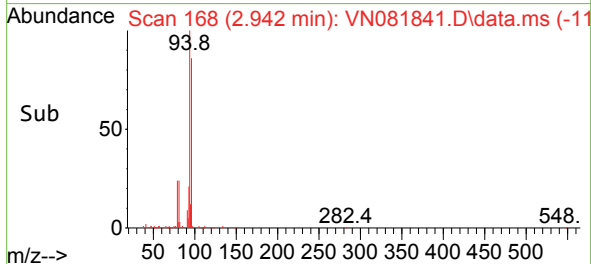
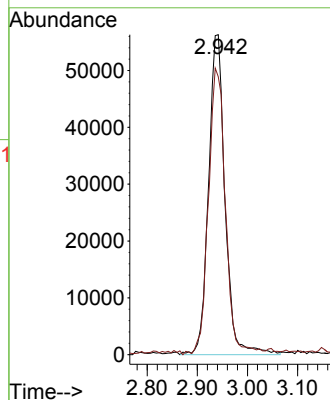
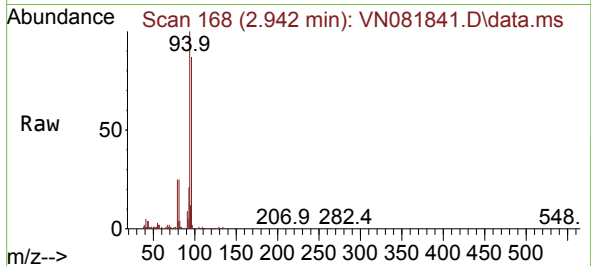




#5
Bromomethane
Concen: 97.700 ug/l
RT: 2.942 min Scan# 169
Delta R.T. -0.006 min
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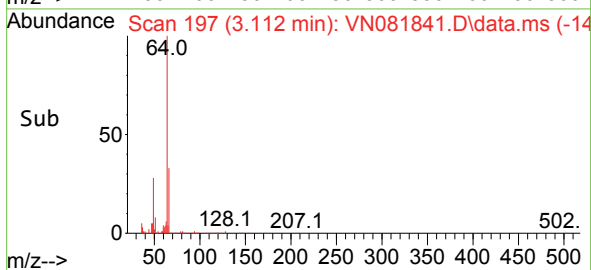
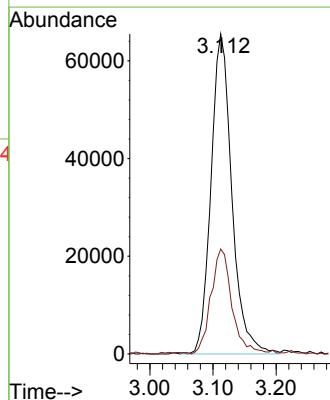
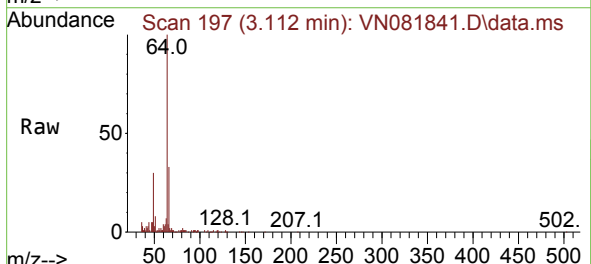
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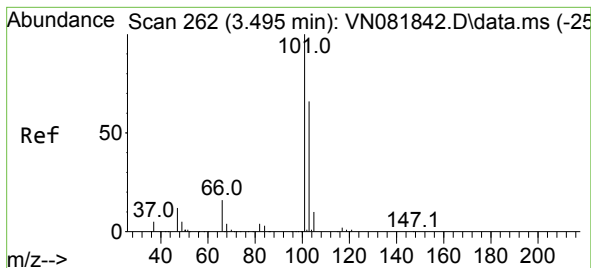
Tgt Ion: 94 Resp: 128770
Ion Ratio Lower Upper
94 100
96 85.9 74.8 112.2



#6
Chloroethane
Concen: 91.371 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.012 min
Lab File: VN081841.D
Acq: 25 Apr 2024 10:21

Tgt Ion: 64 Resp: 150592
Ion Ratio Lower Upper
64 100
66 32.4 24.7 37.1

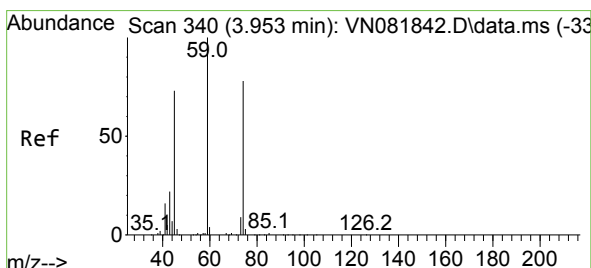
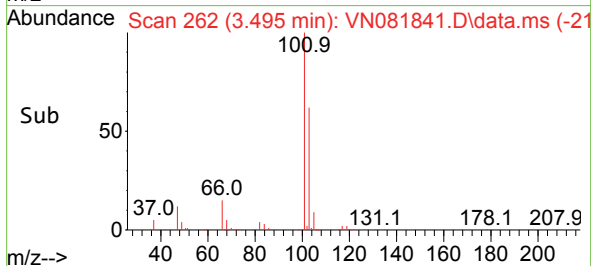
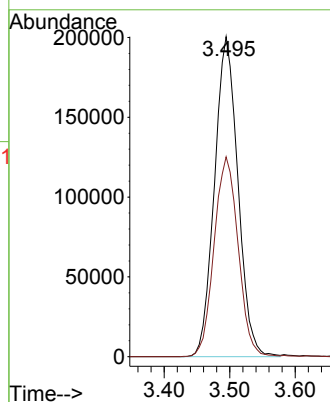
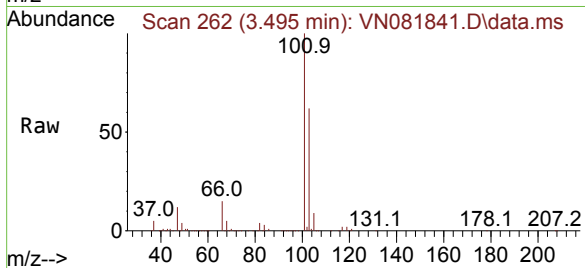




#7
 Trichlorofluoromethane
 Concen: 98.517 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN081841.D
 Acq: 25 Apr 2024 10:21

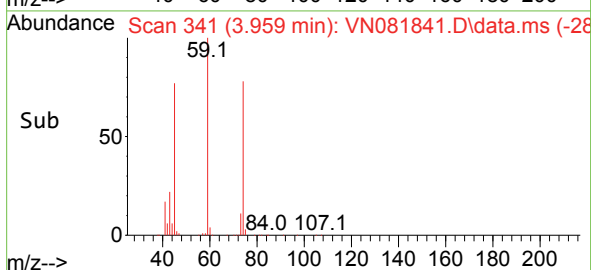
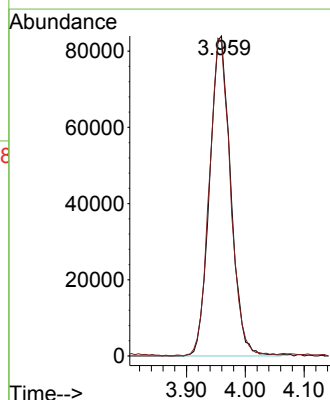
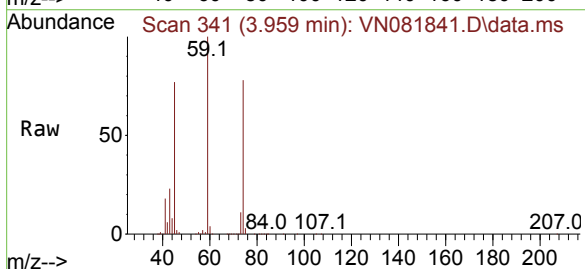
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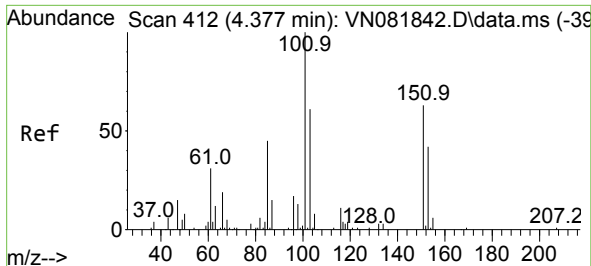
Tgt Ion:101 Resp: 496957
 Ion Ratio Lower Upper
 101 100
 103 62.4 50.6 75.8



#8
 Diethyl Ether
 Concen: 97.399 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
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 Acq: 25 Apr 2024 10:21

Tgt Ion: 74 Resp: 208707
 Ion Ratio Lower Upper
 74 100
 45 99.9 42.4 127.3

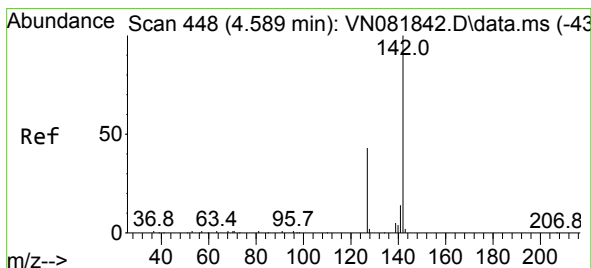
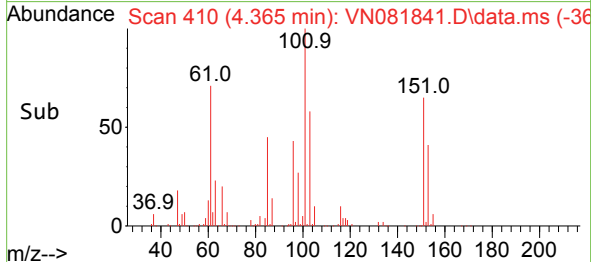
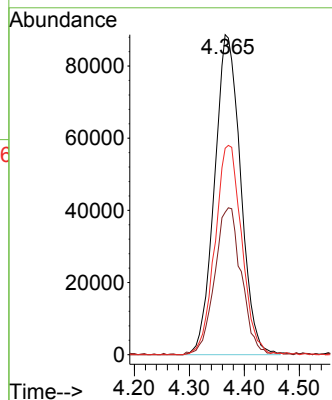
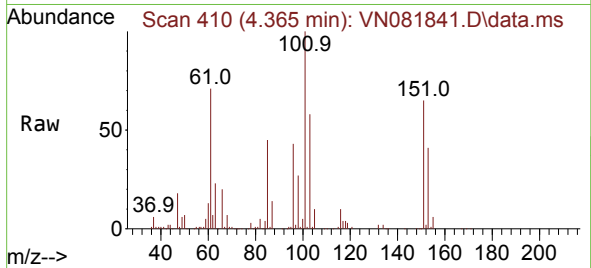




#9
1,1,2-Trichlorotrifluoroethane
Concen: 99.917 ug/l
RT: 4.365 min Scan# 412
Delta R.T. -0.012 min
Lab File: VN081841.D
Acq: 25 Apr 2024 10:21

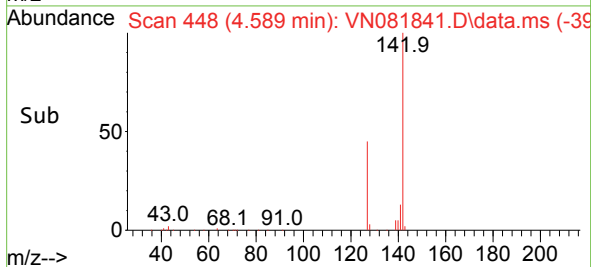
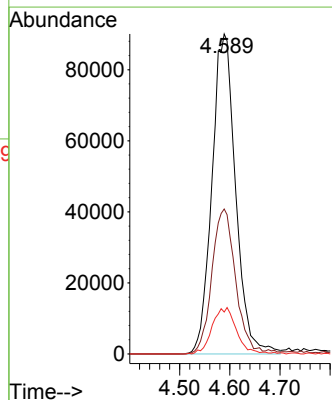
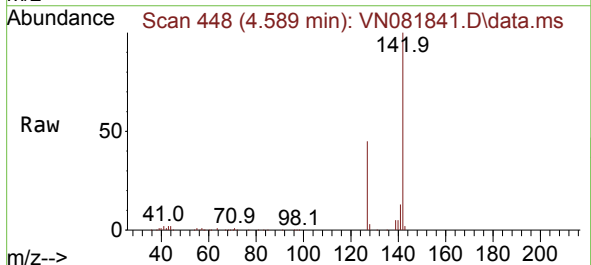
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

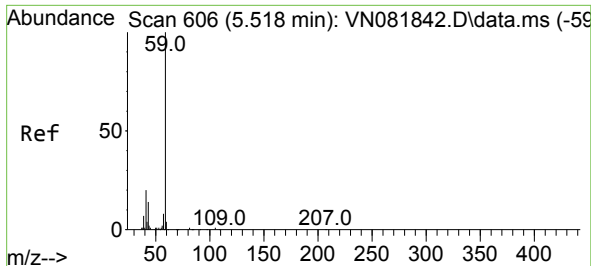
Tgt Ion:101 Resp: 292619
Ion Ratio Lower Upper
101 100
85 46.8 37.3 55.9
151 67.0 59.2 88.8



#10
Methyl Iodide
Concen: 115.252 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081841.D
Acq: 25 Apr 2024 10:21

Tgt Ion:142 Resp: 295632
Ion Ratio Lower Upper
142 100
127 45.3 35.8 53.6
141 13.1 11.4 17.2

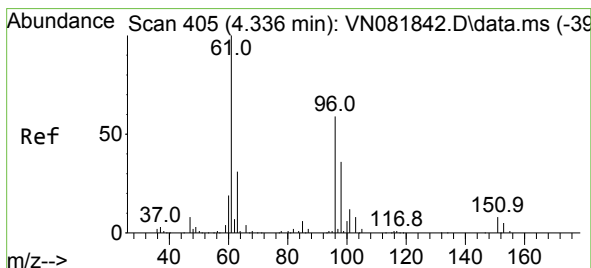
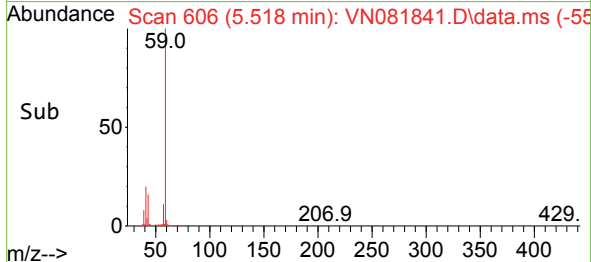
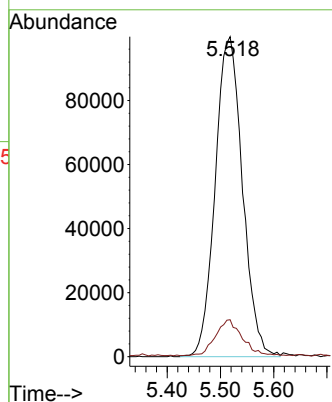
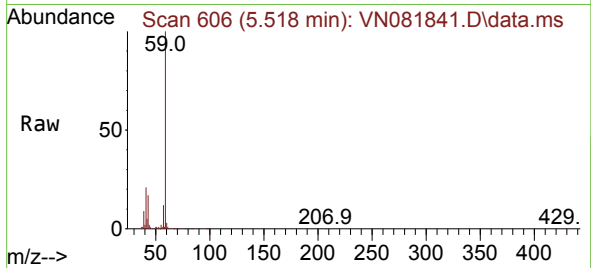




#11
Tert butyl alcohol
Concen: 470.807 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN081841.D
Acq: 25 Apr 2024 10:21

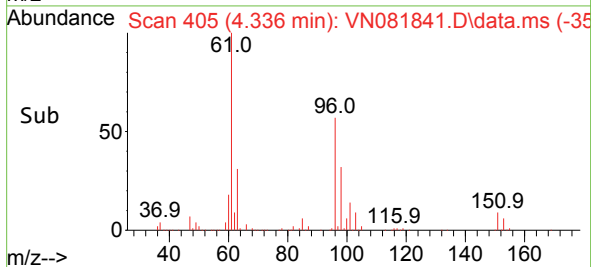
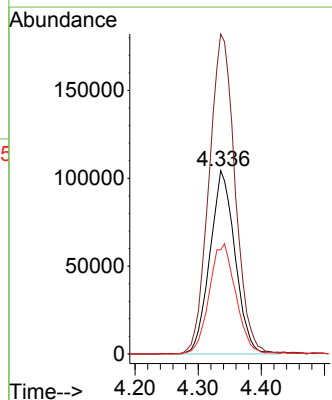
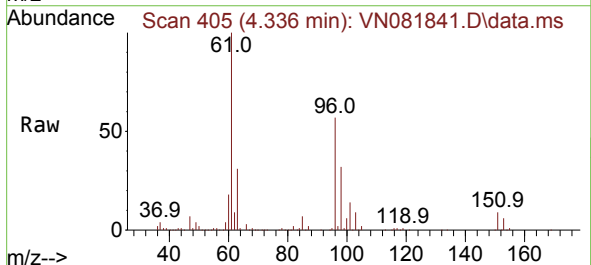
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

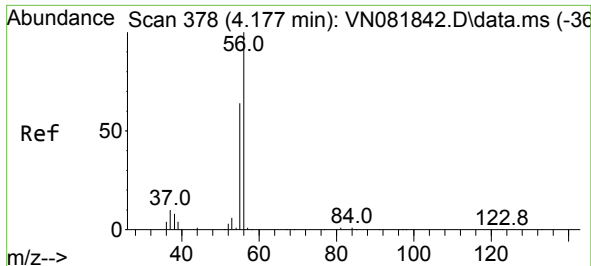
Tgt Ion: 59 Resp: 355337
Ion Ratio Lower Upper
59 100
57 10.8 8.9 13.3



#12
1,1-Dichloroethene
Concen: 97.017 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN081841.D
Acq: 25 Apr 2024 10:21

Tgt Ion: 96 Resp: 289054
Ion Ratio Lower Upper
96 100
61 174.4 119.7 179.5
98 56.4 49.6 74.4





#13

Acrolein

Concen: 496.833 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN081841.D

Acq: 25 Apr 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

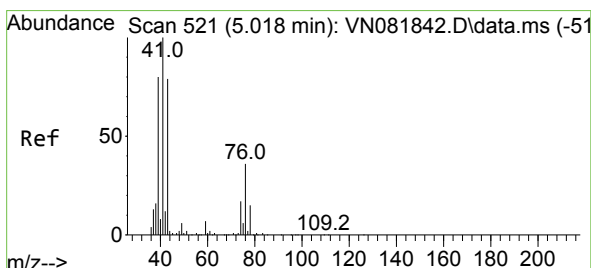
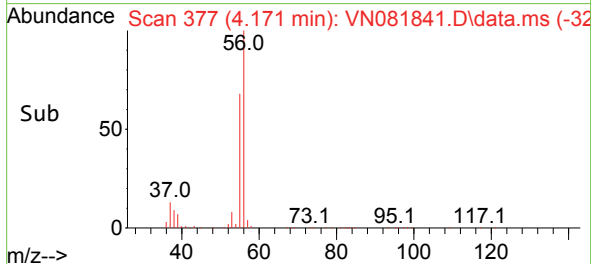
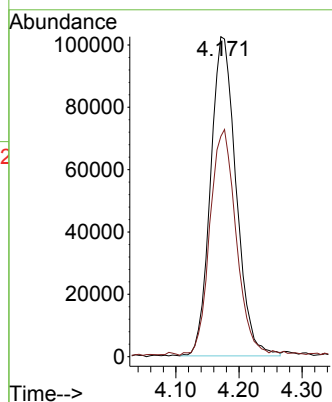
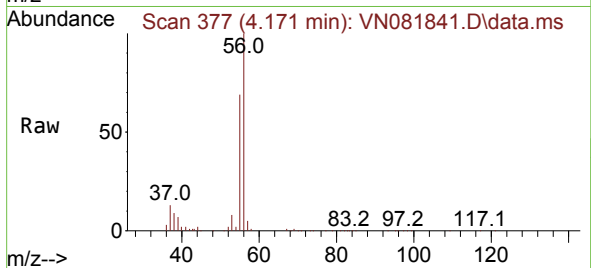
VSTDICC100

Tgt Ion: 56 Resp: 288271

Ion Ratio Lower Upper

56 100

55 72.3 55.8 83.8



#14

Allyl chloride

Concen: 91.823 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN081841.D

Acq: 25 Apr 2024 10:21

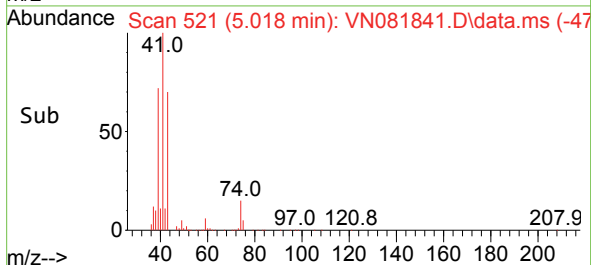
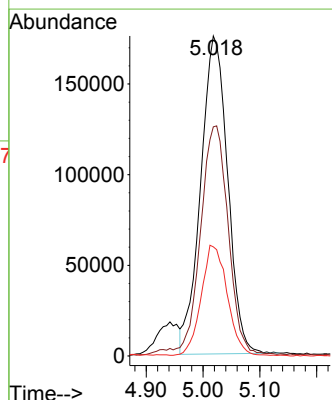
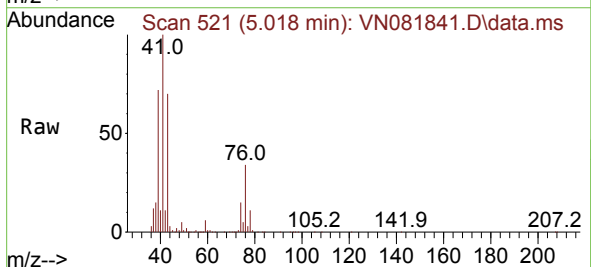
Tgt Ion: 41 Resp: 578685

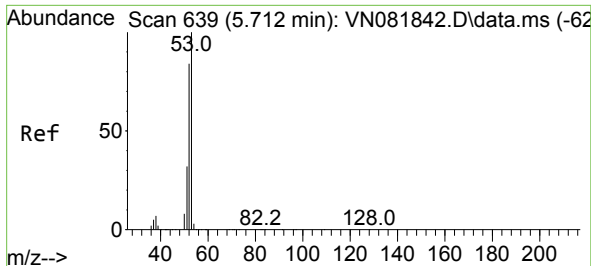
Ion Ratio Lower Upper

41 100

39 75.7 65.4 98.0

76 33.4 37.3 55.9#

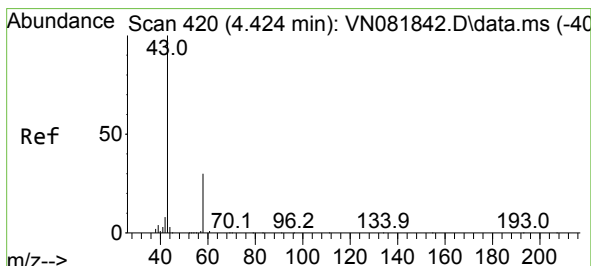
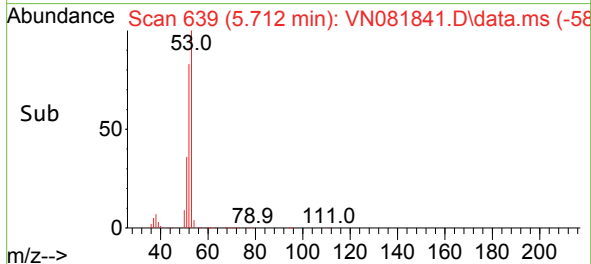
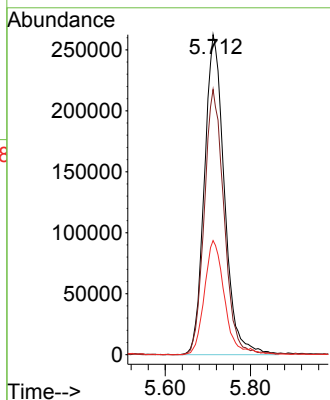
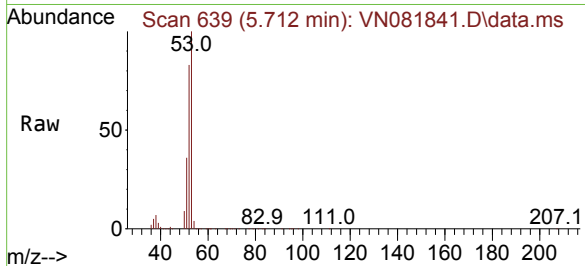




#15
Acrylonitrile
Concen: 471.310 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081841.D
Acq: 25 Apr 2024 10:21

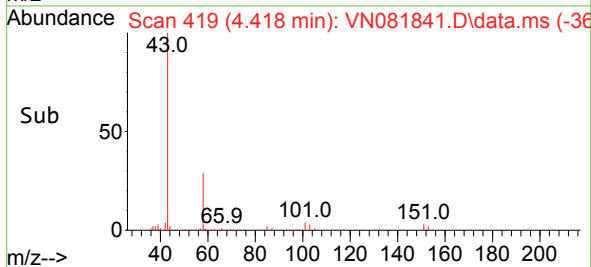
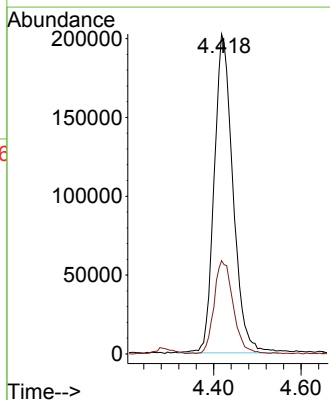
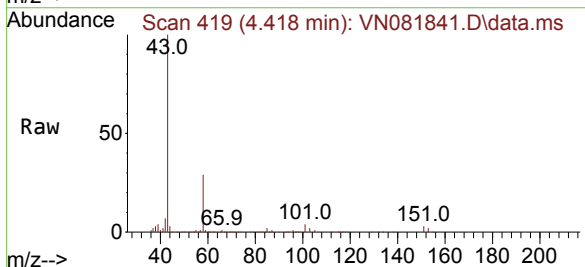
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

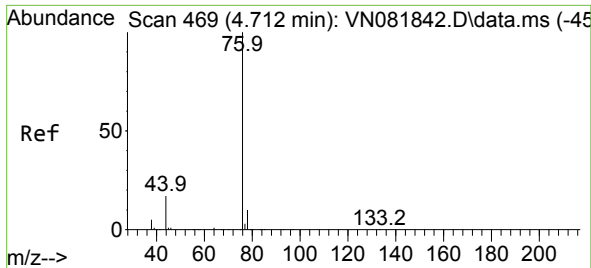
Tgt Ion: 53 Resp: 854163
Ion Ratio Lower Upper
53 100
52 81.9 66.1 99.1
51 36.1 29.4 44.2



#16
Acetone
Concen: 495.821 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN081841.D
Acq: 25 Apr 2024 10:21

Tgt Ion: 43 Resp: 602138
Ion Ratio Lower Upper
43 100
58 29.0 25.2 37.8

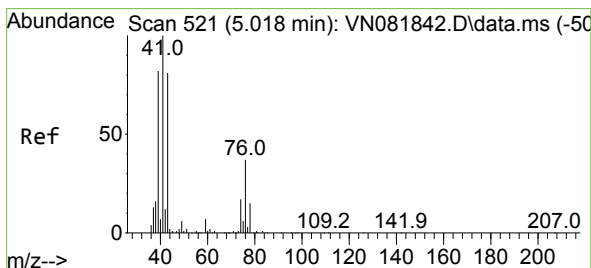
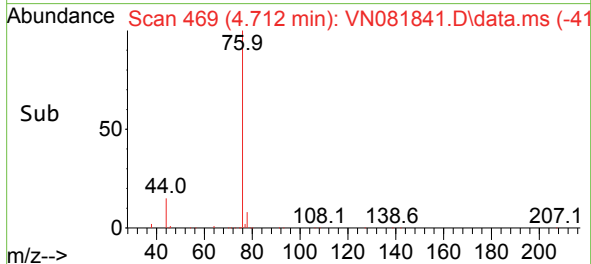
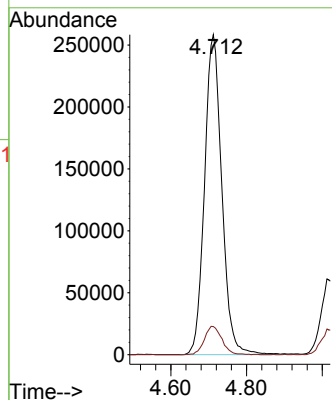
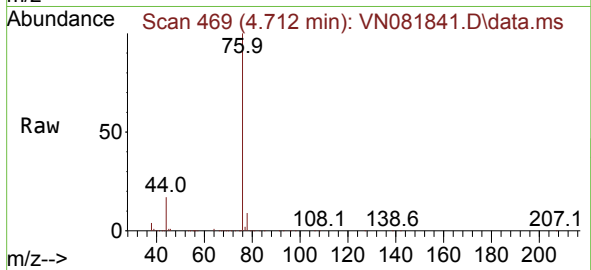




#17
Carbon Disulfide
Concen: 91.199 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN081841.D
Acq: 25 Apr 2024 10:21

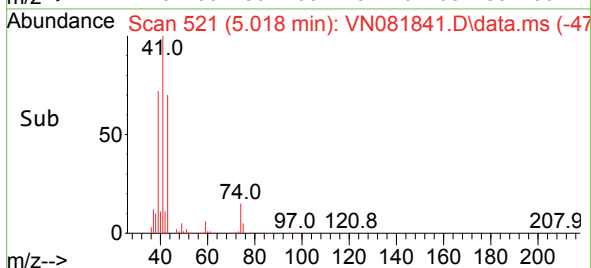
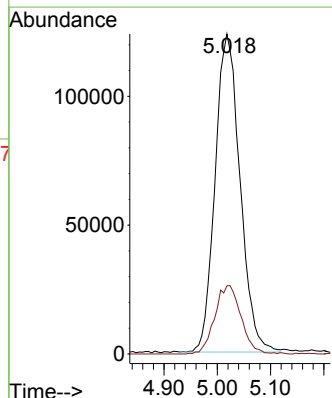
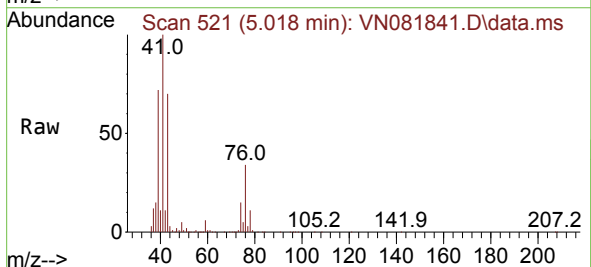
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

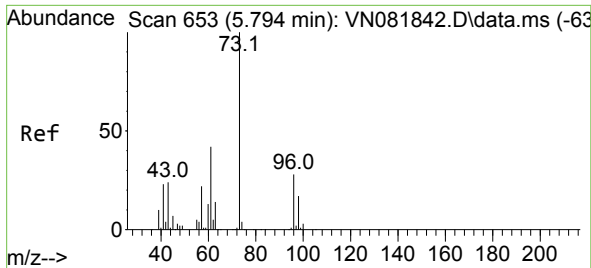
Tgt Ion: 76 Resp: 816687
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3



#18
Methyl Acetate
Concen: 95.505 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN081841.D
Acq: 25 Apr 2024 10:21

Tgt Ion: 43 Resp: 401619
Ion Ratio Lower Upper
43 100
74 22.6 22.2 33.2

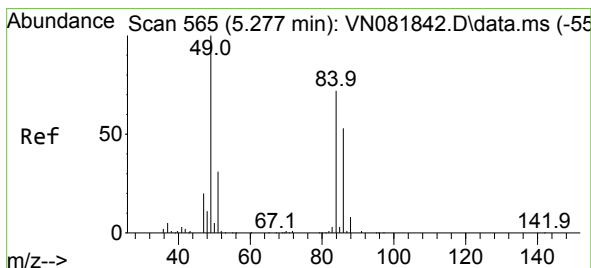
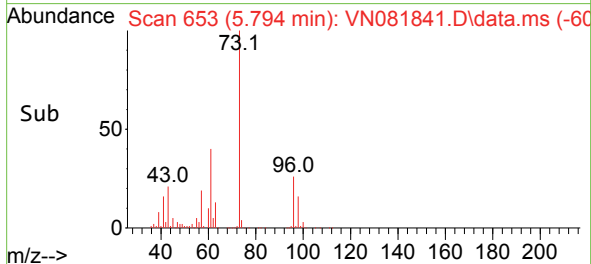
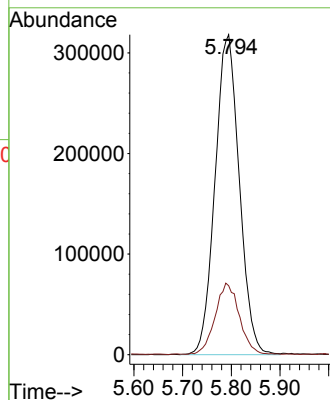
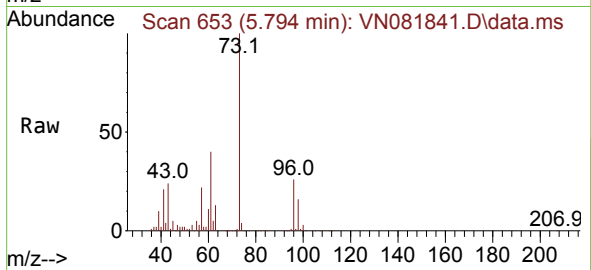




#19
Methyl tert-butyl Ether
Concen: 97.825 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081841.D
Acq: 25 Apr 2024 10:21

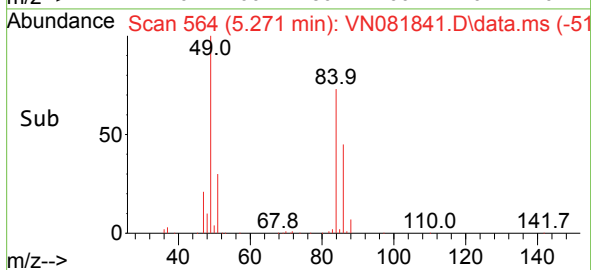
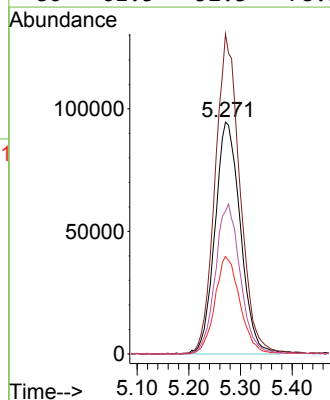
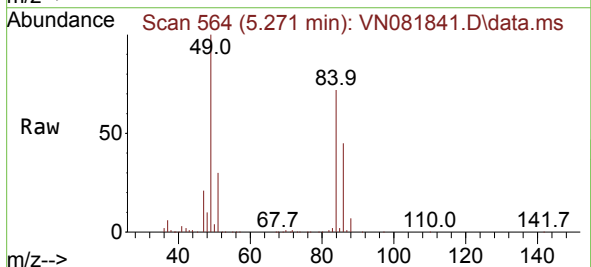
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

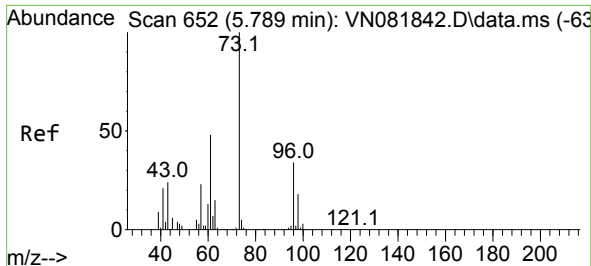
Tgt Ion: 73 Resp: 1099803
Ion Ratio Lower Upper
73 100
57 21.4 16.5 24.7



#20
Methylene Chloride
Concen: 90.947 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN081841.D
Acq: 25 Apr 2024 10:21

Tgt Ion: 84 Resp: 323585
Ion Ratio Lower Upper
84 100
49 138.0 84.9 127.3#
51 41.8 27.0 40.6#
86 61.5 52.3 78.5

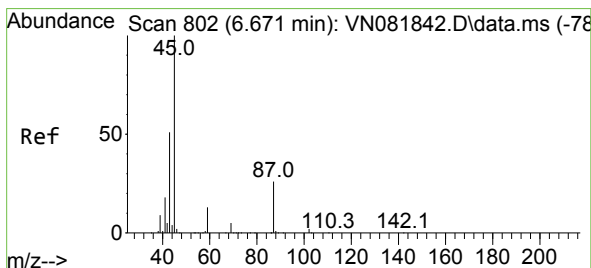
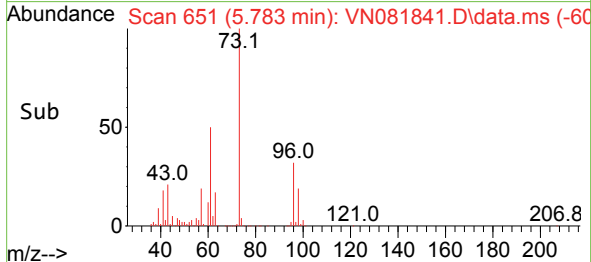
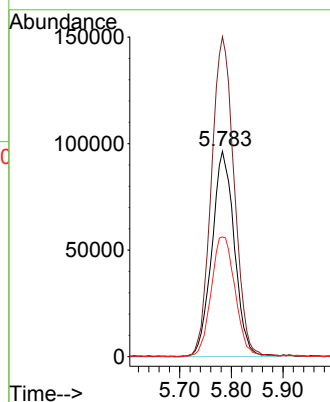
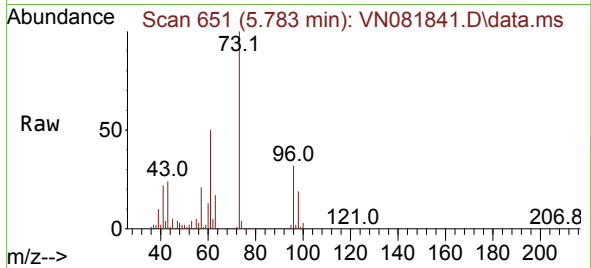




#21
trans-1,2-Dichloroethene
Concen: 89.770 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081841.D
Acq: 25 Apr 2024 10:21

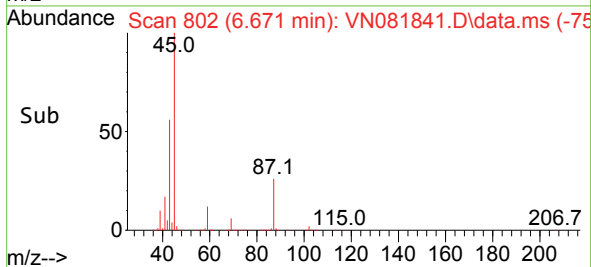
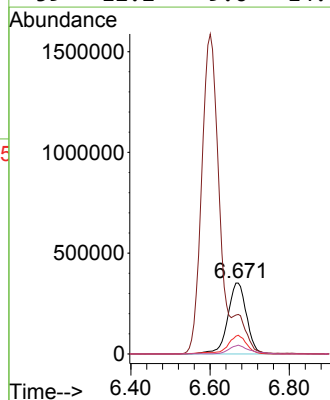
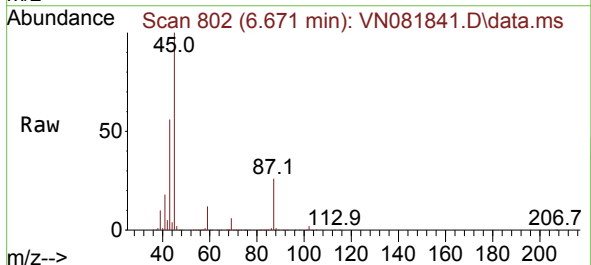
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

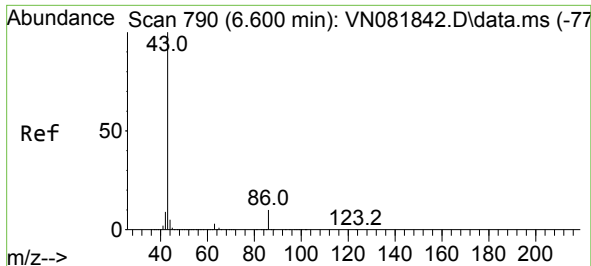
Tgt Ion: 96 Resp: 291620
Ion Ratio Lower Upper
96 100
61 155.7 96.5 144.7#
98 58.0 51.3 76.9



#22
Diisopropyl ether
Concen: 94.838 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081841.D
Acq: 25 Apr 2024 10:21

Tgt Ion: 45 Resp: 1156557
Ion Ratio Lower Upper
45 100
43 55.4 44.1 66.1
87 26.3 27.0 40.6#
59 12.2 9.6 14.4

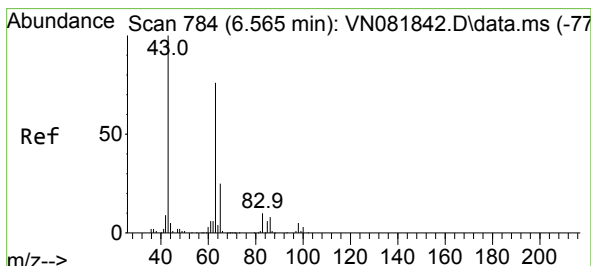
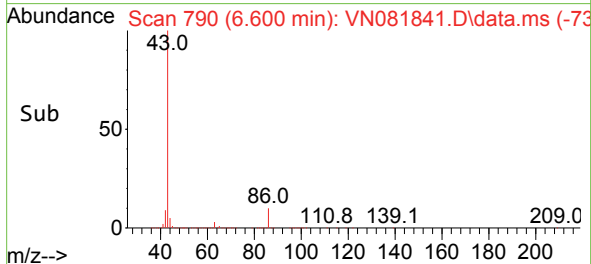
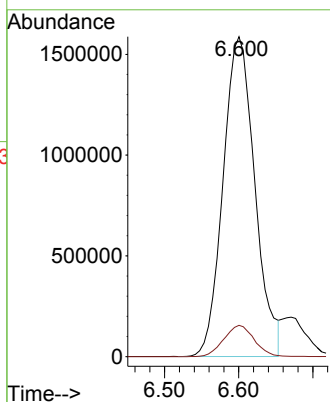
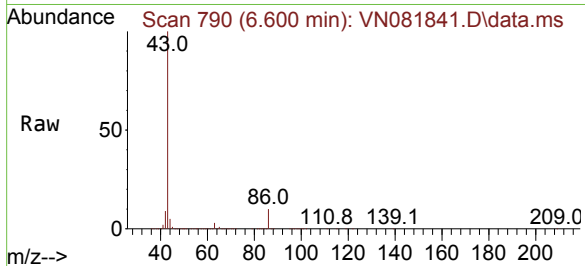




#23
 Vinyl Acetate
 Concen: 477.776 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081841.D
 Acq: 25 Apr 2024 10:21

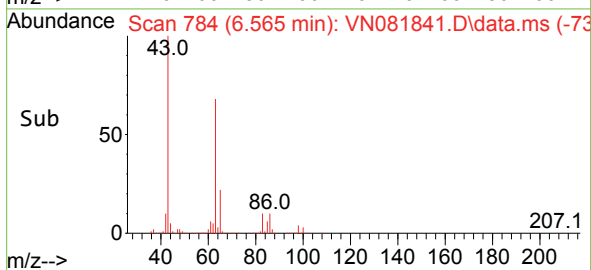
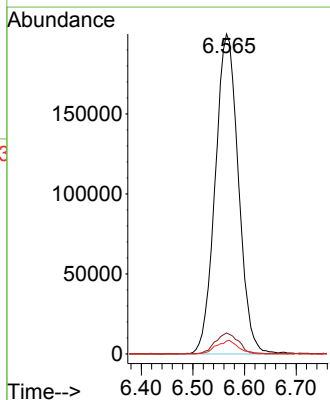
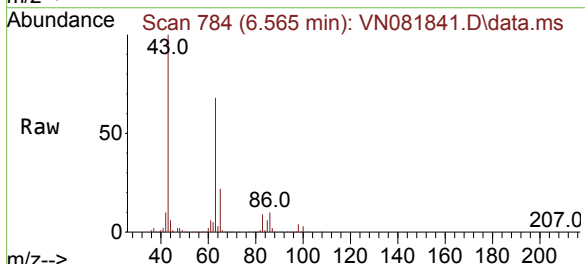
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

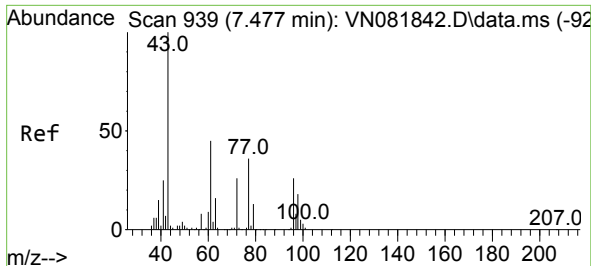
Tgt Ion: 43 Resp: 4734145
 Ion Ratio Lower Upper
 43 100
 86 9.8 10.2 15.4#



#24
 1,1-Dichloroethane
 Concen: 98.161 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN081841.D
 Acq: 25 Apr 2024 10:21

Tgt Ion: 63 Resp: 623068
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.6 10.9
 100 4.1 2.6 7.8

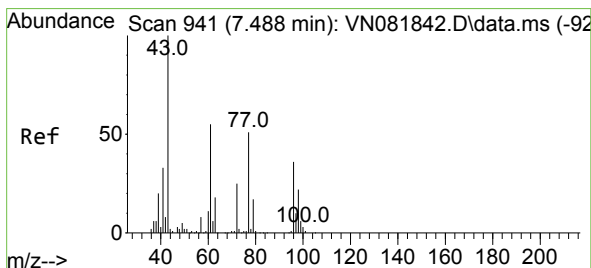
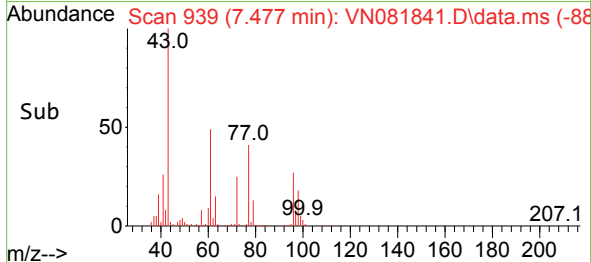
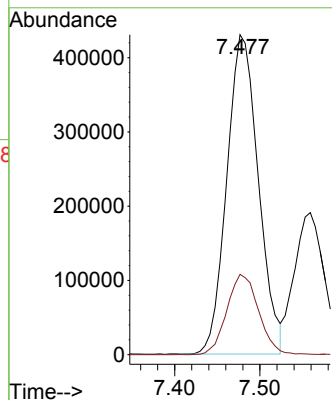
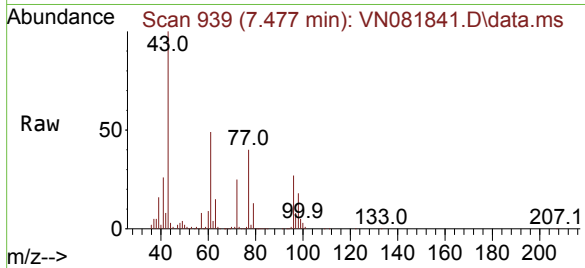




#25
2-Butanone
Concen: 470.786 ug/l
RT: 7.477 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN081841.D
Acq: 25 Apr 2024 10:21

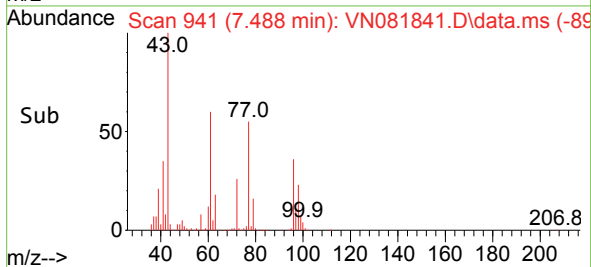
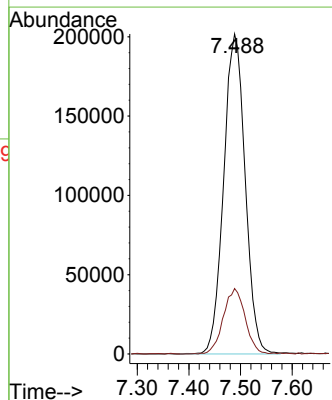
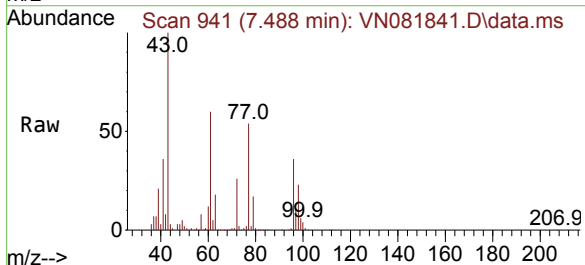
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

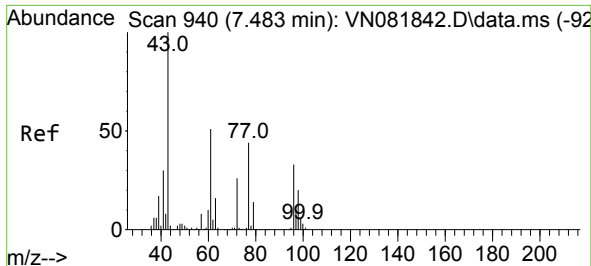
Tgt Ion: 43 Resp: 1109358
Ion Ratio Lower Upper
43 100
72 25.1 25.3 37.9#



#26
2,2-Dichloropropane
Concen: 99.758 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081841.D
Acq: 25 Apr 2024 10:21

Tgt Ion: 77 Resp: 582485
Ion Ratio Lower Upper
77 100
97 20.7 11.3 33.9

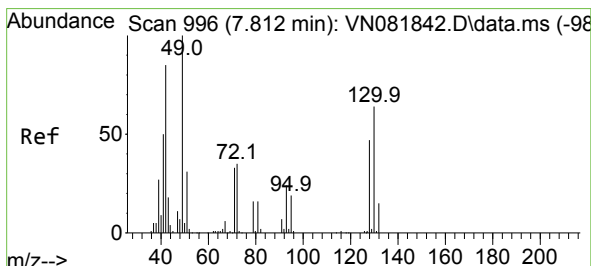
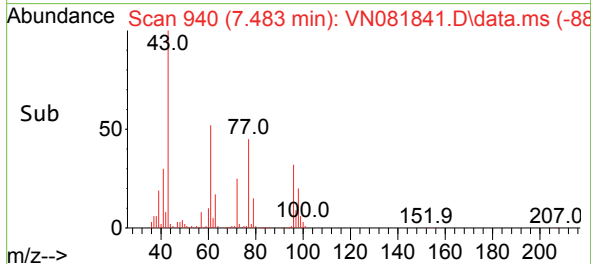
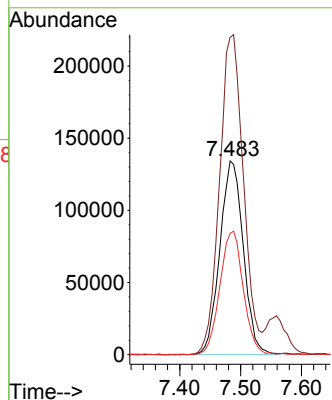
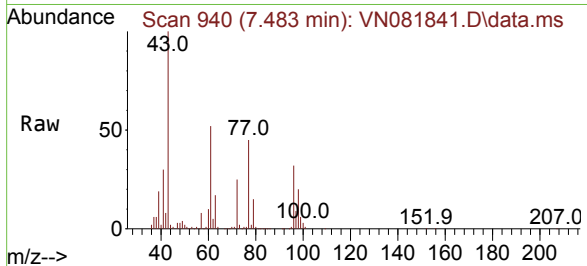




#27
 cis-1,2-Dichloroethene
 Concen: 94.940 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN081841.D
 Acq: 25 Apr 2024 10:21

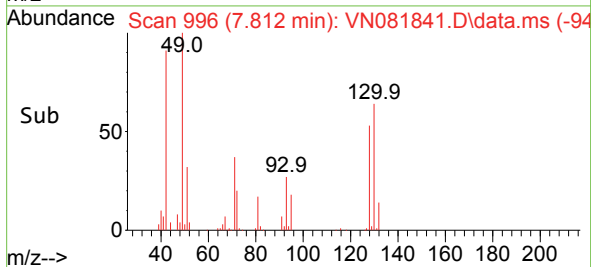
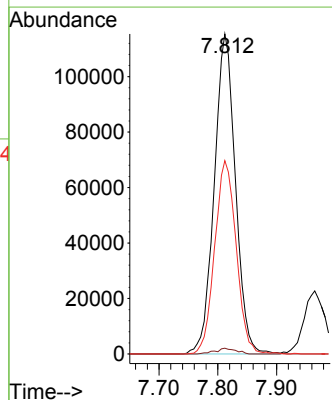
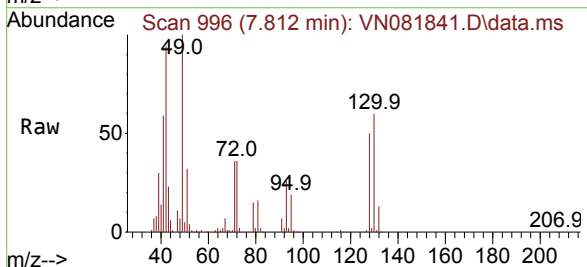
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

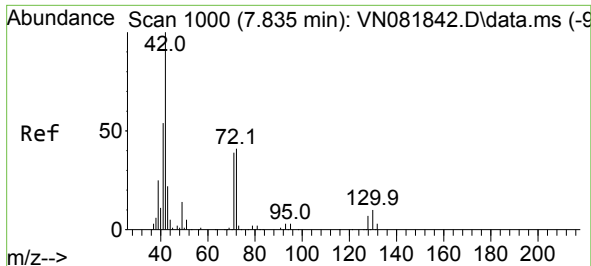
Tgt Ion: 96 Resp: 360393
 Ion Ratio Lower Upper
 96 100
 61 167.7 0.0 268.0
 98 63.8 0.0 126.8



#28
 Bromochloromethane
 Concen: 95.696 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN081841.D
 Acq: 25 Apr 2024 10:21

Tgt Ion: 49 Resp: 288694
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.6
 130 61.5 66.7 100.1#





#29

Tetrahydrofuran

Concen: 448.324 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN081841.D

Acq: 25 Apr 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

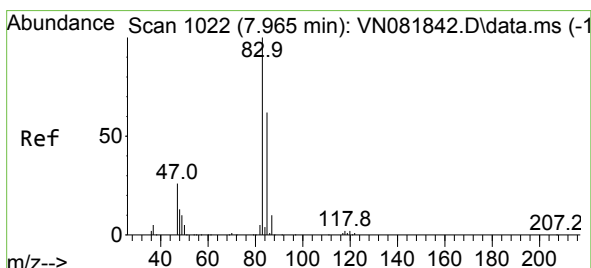
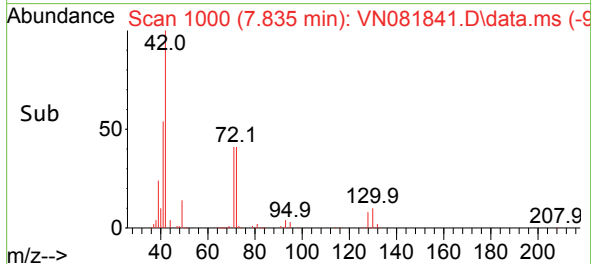
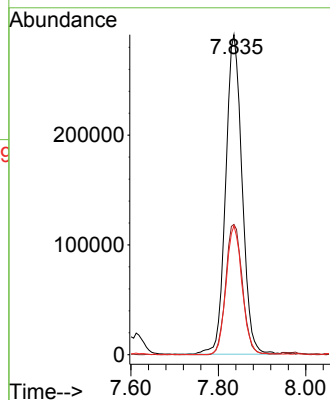
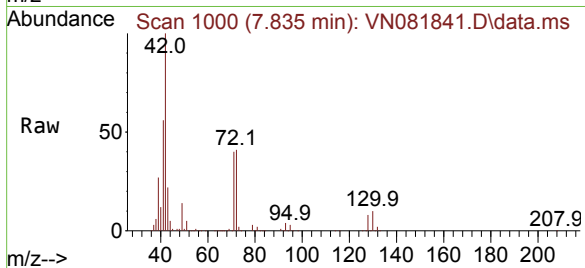
Tgt Ion: 42 Resp: 757578

Ion Ratio Lower Upper

42 100

72 41.3 39.3 58.9

71 39.3 37.4 56.0



#30

Chloroform

Concen: 97.082 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN081841.D

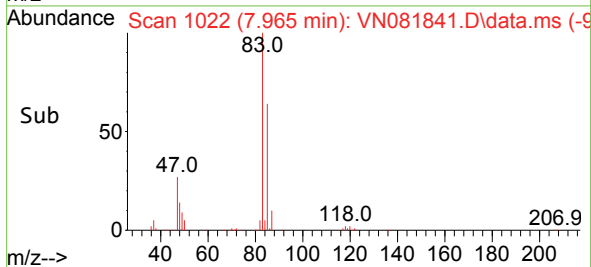
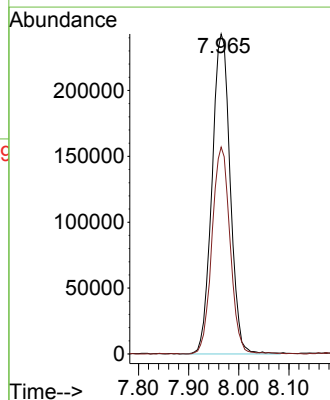
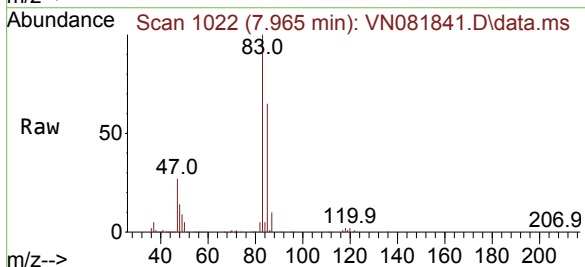
Acq: 25 Apr 2024 10:21

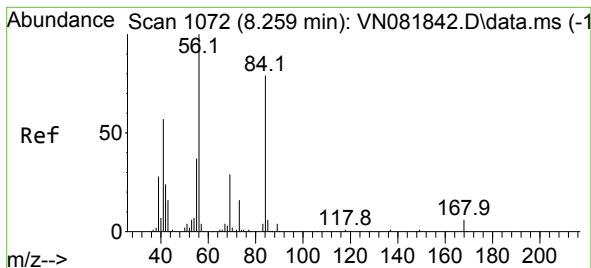
Tgt Ion: 83 Resp: 610808

Ion Ratio Lower Upper

83 100

85 64.7 50.7 76.1





#31

Cyclohexane

Concen: 89.504 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN081841.D

Acq: 25 Apr 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

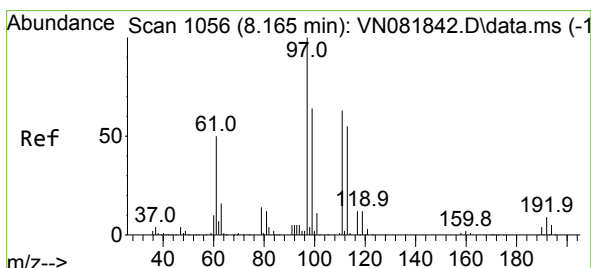
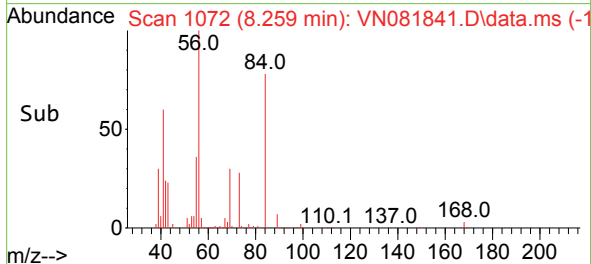
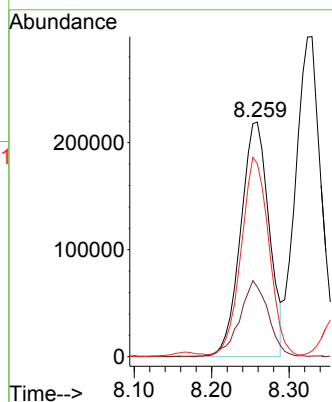
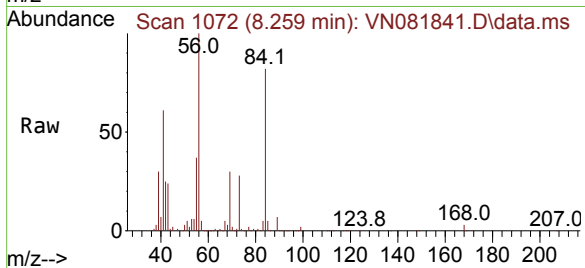
Tgt Ion: 56 Resp: 559784

Ion Ratio Lower Upper

56 100

69 29.5 24.4 36.6

84 80.8 77.0 115.4



#32

1,1,1-Trichloroethane

Concen: 96.424 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN081841.D

Acq: 25 Apr 2024 10:21

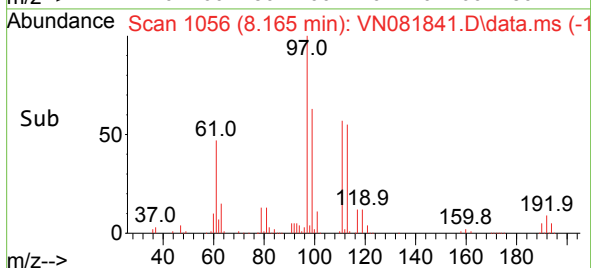
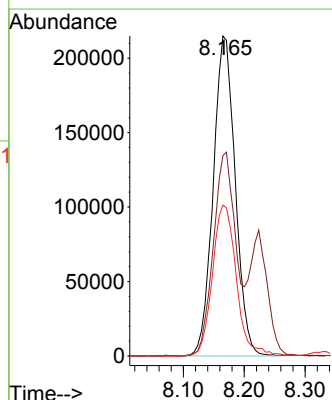
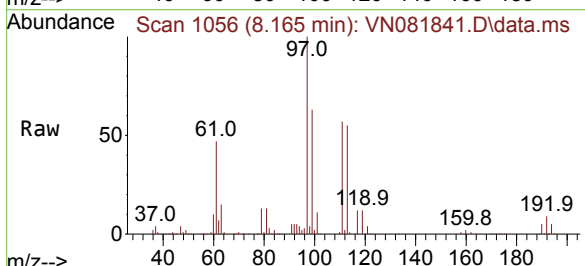
Tgt Ion: 97 Resp: 541022

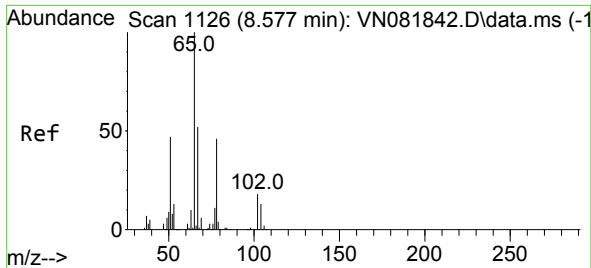
Ion Ratio Lower Upper

97 100

99 65.3 50.3 75.5

61 51.1 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 102.464 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081841.D

Acq: 25 Apr 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

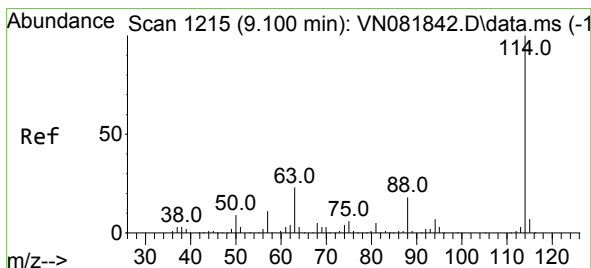
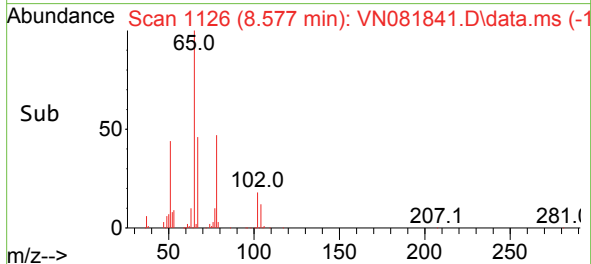
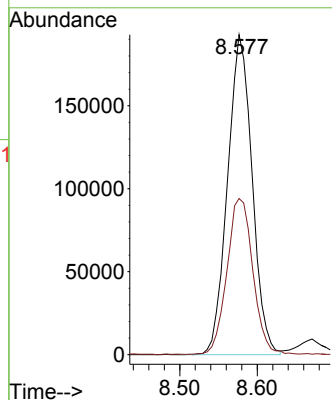
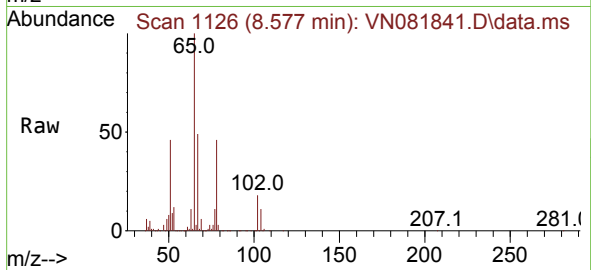
VSTDIC100

Tgt Ion: 65 Resp: 425399

Ion Ratio Lower Upper

65 100

67 51.4 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN081841.D

Acq: 25 Apr 2024 10:21

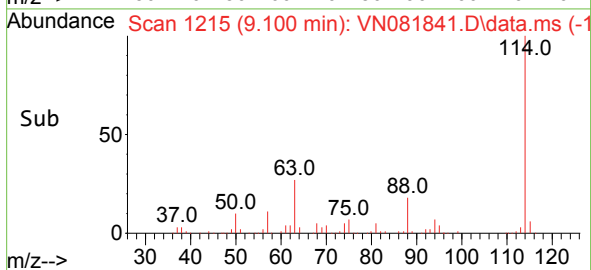
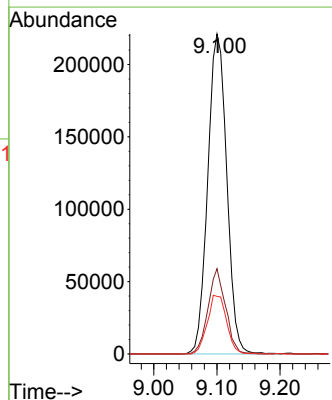
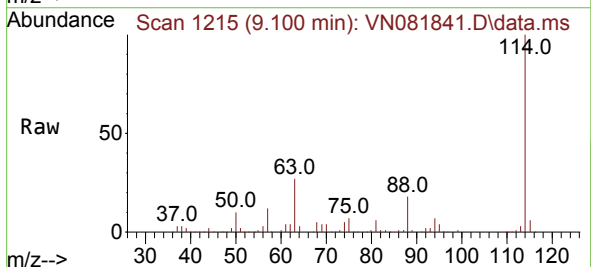
Tgt Ion: 114 Resp: 462412

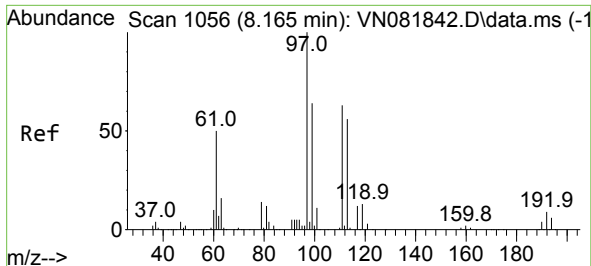
Ion Ratio Lower Upper

114 100

63 26.6 0.0 41.0

88 18.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 103.746 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN081841.D

Acq: 25 Apr 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

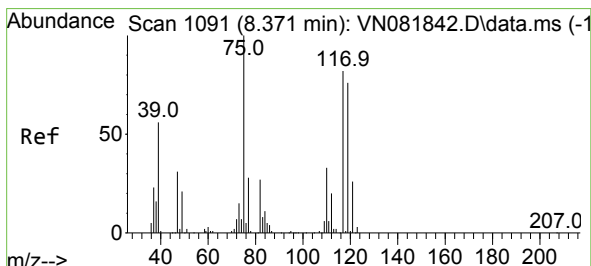
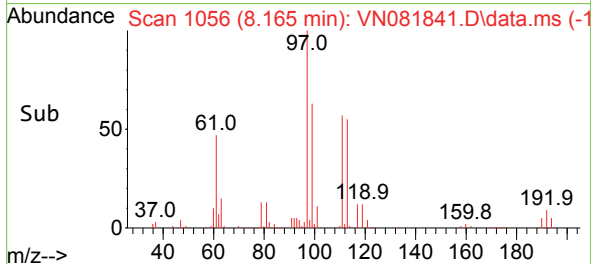
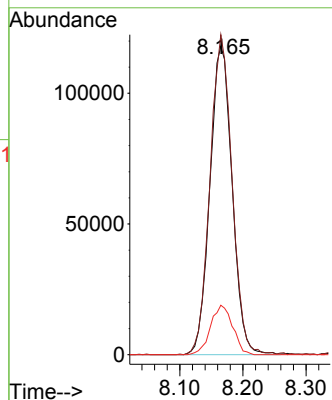
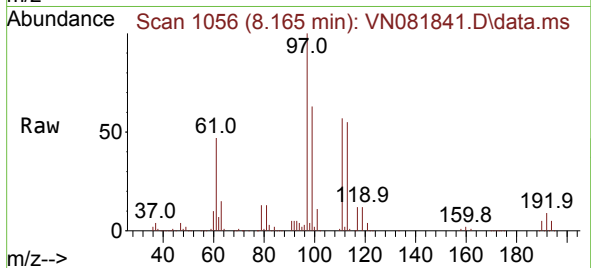
Tgt Ion:113 Resp: 288842

Ion Ratio Lower Upper

113 100

111 102.8 83.4 125.2

192 16.0 14.0 21.0



#36

1,1-Dichloropropene

Concen: 96.340 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN081841.D

Acq: 25 Apr 2024 10:21

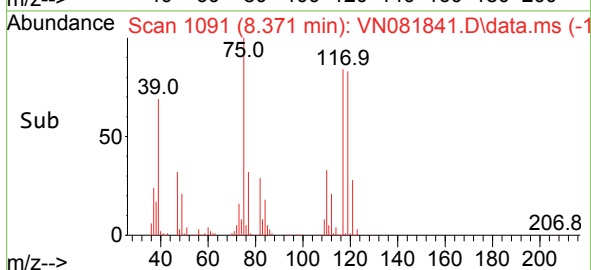
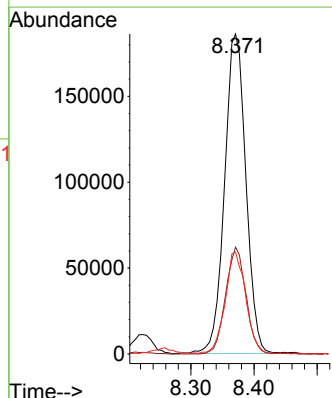
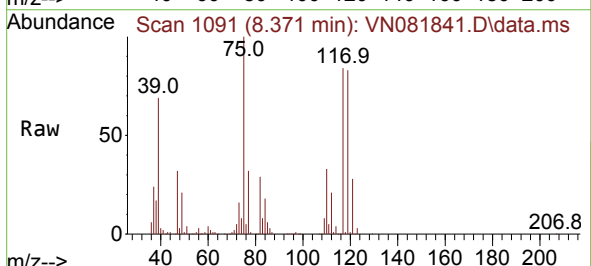
Tgt Ion: 75 Resp: 436366

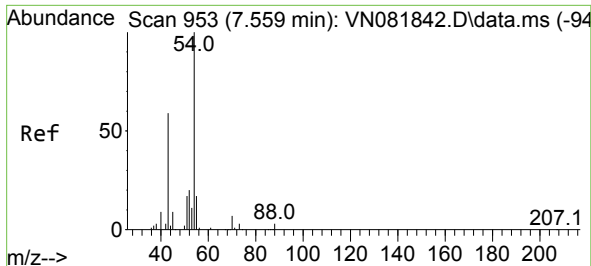
Ion Ratio Lower Upper

75 100

110 31.9 17.8 53.5

77 31.2 25.0 37.4

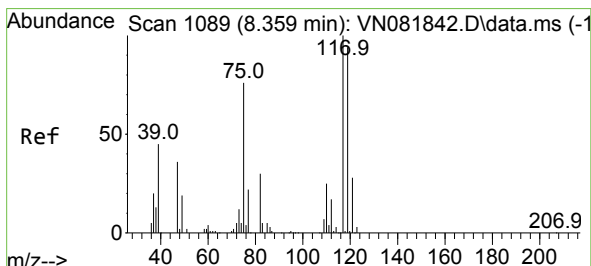
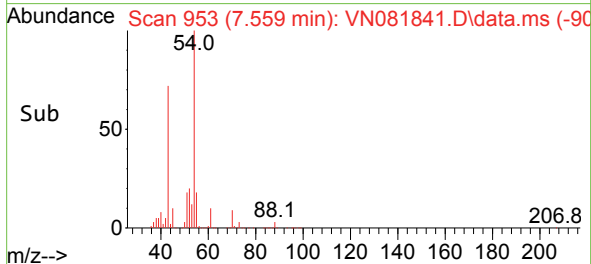
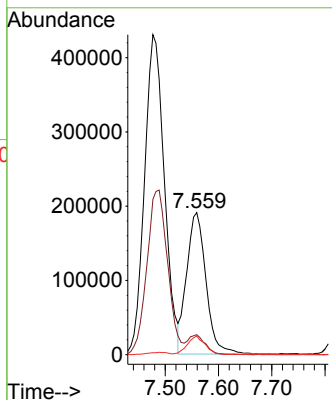
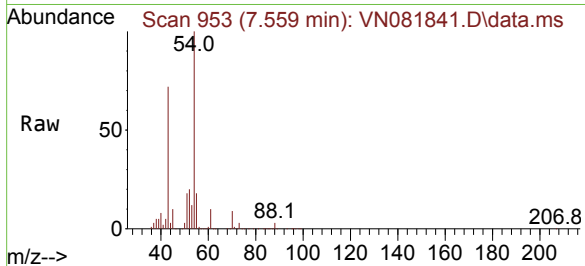




#37
Ethyl Acetate
Concen: 98.240 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081841.D
Acq: 25 Apr 2024 10:21

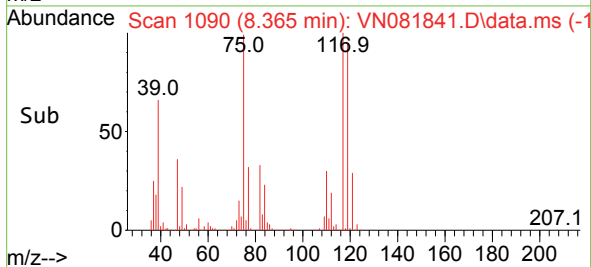
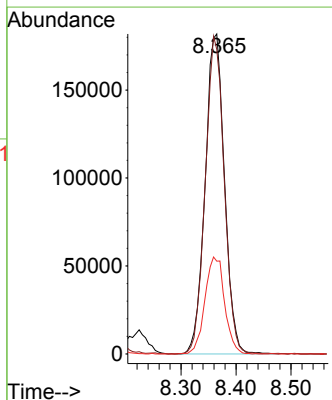
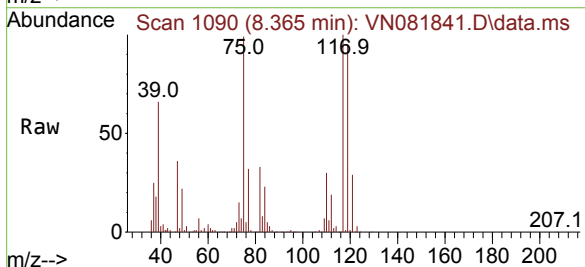
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

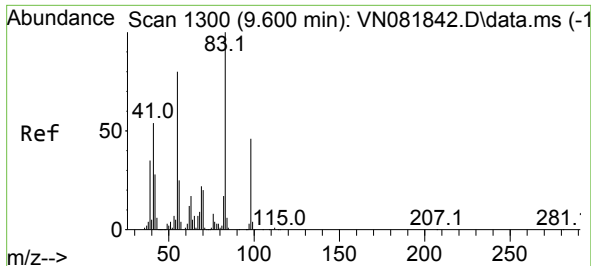
Tgt Ion: 43 Resp: 481106
Ion Ratio Lower Upper
43 100
61 12.1 11.3 16.9
70 12.0 8.7 13.1



#38
Carbon Tetrachloride
Concen: 100.655 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN081841.D
Acq: 25 Apr 2024 10:21

Tgt Ion: 117 Resp: 445583
Ion Ratio Lower Upper
117 100
119 95.1 76.5 114.7
121 29.0 23.9 35.9





#39

Methylcyclohexane

Concen: 97.647 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN081841.D

Acq: 25 Apr 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

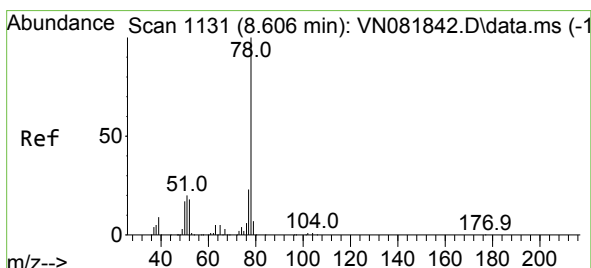
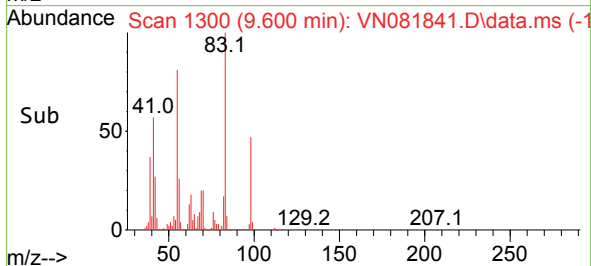
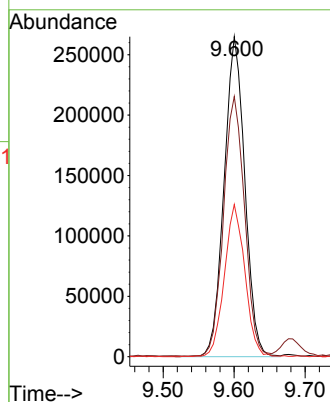
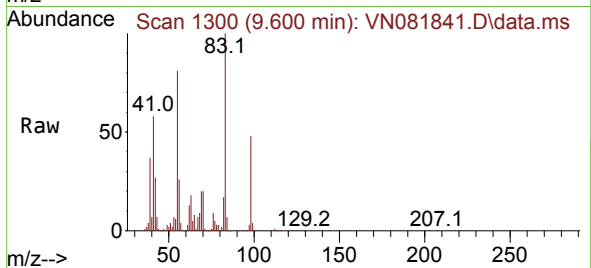
Tgt Ion: 83 Resp: 537143

Ion Ratio Lower Upper

83 100

55 81.1 53.0 79.6#

98 47.5 37.1 55.7



#40

Benzene

Concen: 96.964 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN081841.D

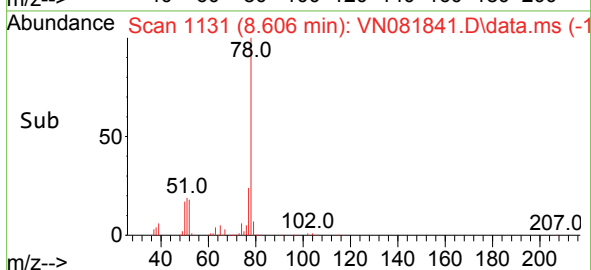
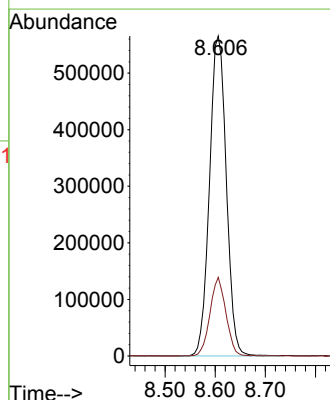
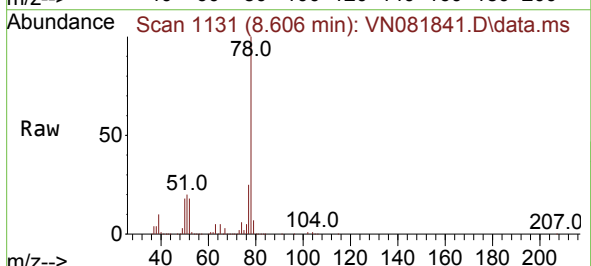
Acq: 25 Apr 2024 10:21

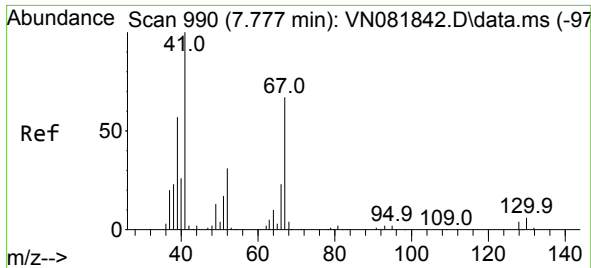
Tgt Ion: 78 Resp: 1318423

Ion Ratio Lower Upper

78 100

77 24.5 20.0 30.0



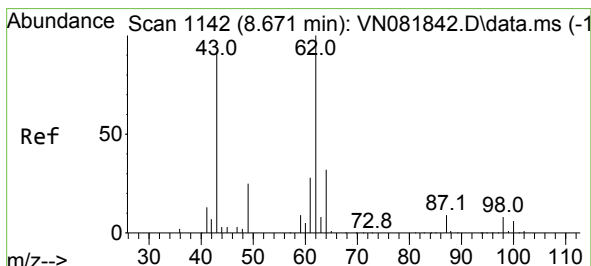
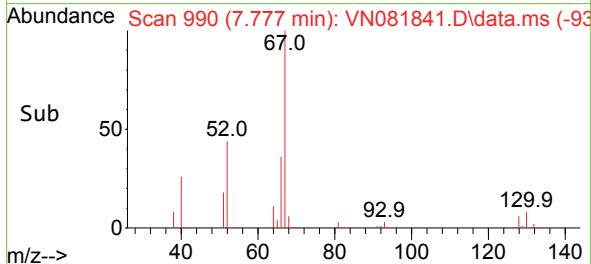
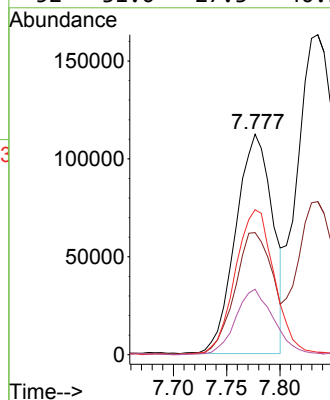
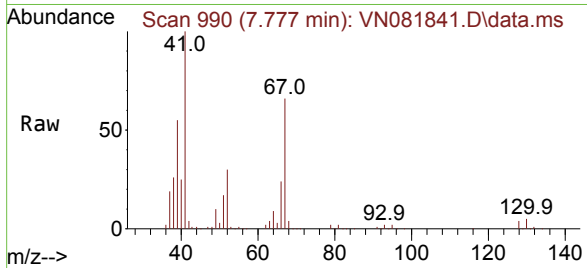


#41
Methacrylonitrile
Concen: 86.850 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081841.D
Acq: 25 Apr 2024 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 271393

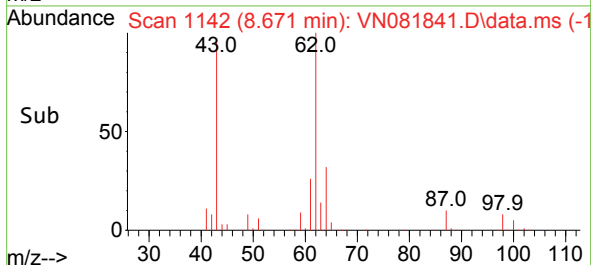
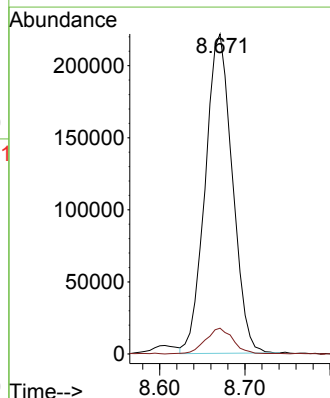
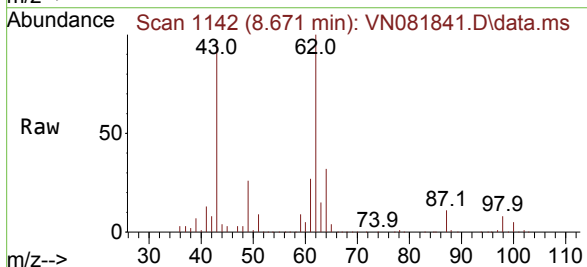
Ion	Ratio	Lower	Upper
41	100		
39	55.9	46.6	69.8
67	70.3	67.3	100.9
52	31.0	27.3	40.9

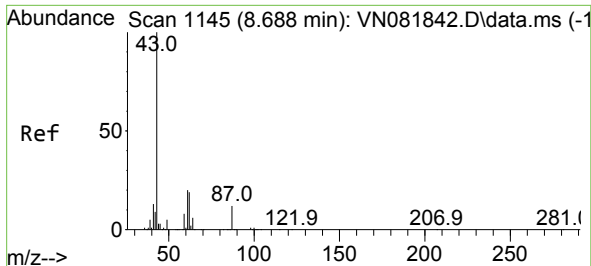


#42
1,2-Dichloroethane
Concen: 97.016 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081841.D
Acq: 25 Apr 2024 10:21

Tgt Ion: 62 Resp: 489838

Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	19.6

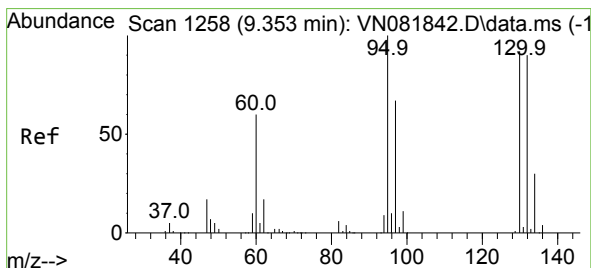
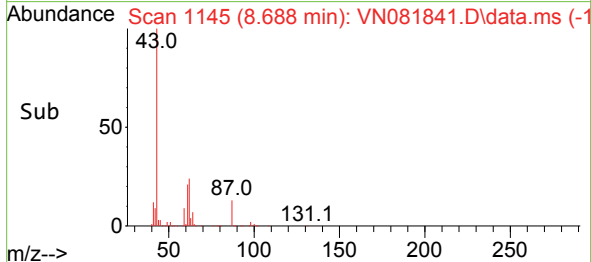
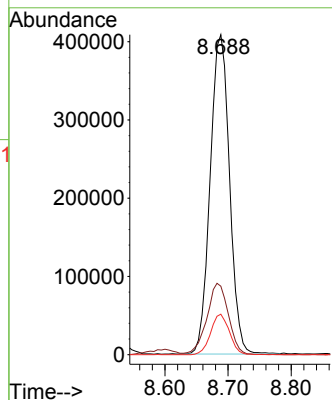
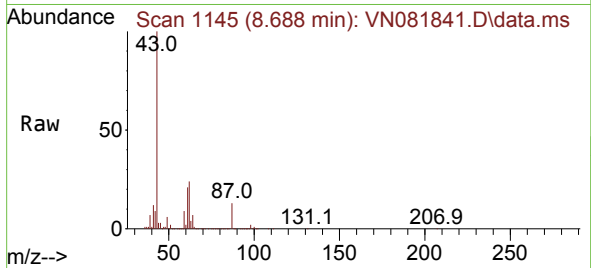




#43
Isopropyl Acetate
Concen: 94.466 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081841.D
Acq: 25 Apr 2024 10:21

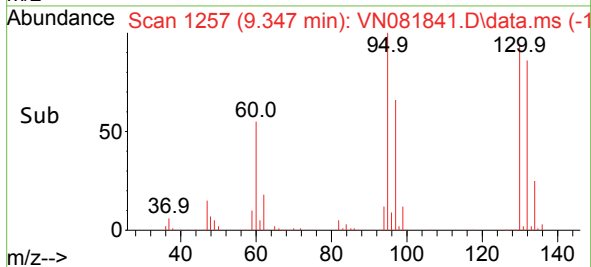
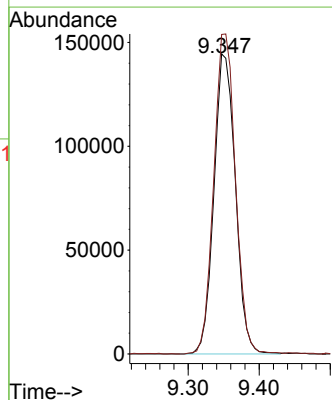
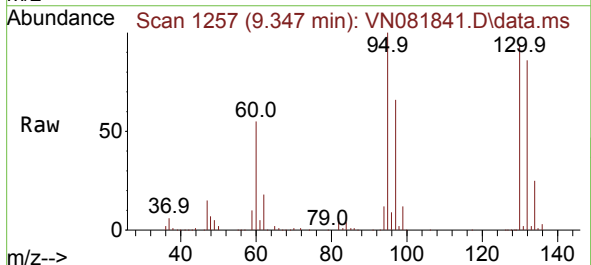
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

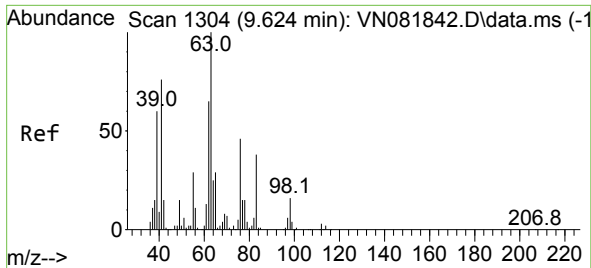
Tgt Ion: 43 Resp: 869862
Ion Ratio Lower Upper
43 100
61 24.9 22.8 34.2
87 12.3 12.0 18.0



#44
Trichloroethene
Concen: 96.405 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN081841.D
Acq: 25 Apr 2024 10:21

Tgt Ion:130 Resp: 302220
Ion Ratio Lower Upper
130 100
95 106.6 0.0 195.4

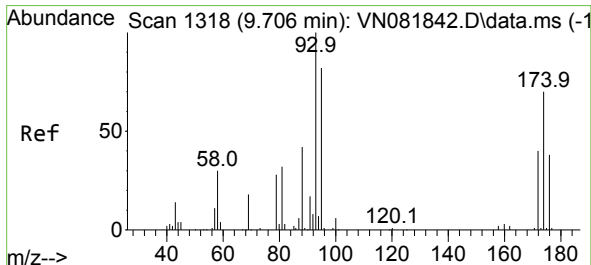
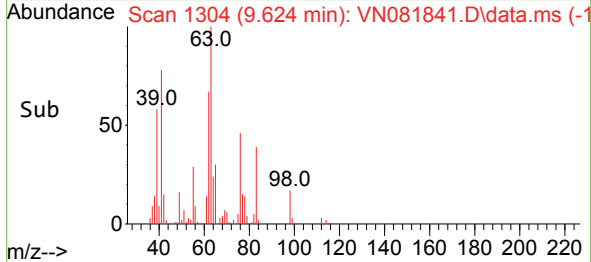
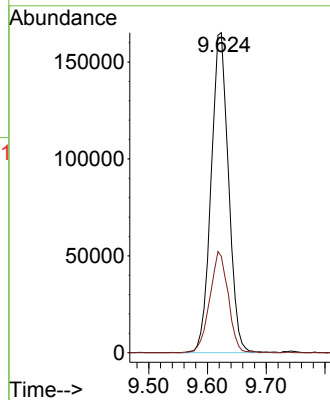
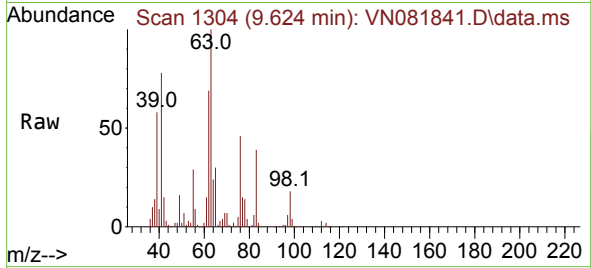




#45
1,2-Dichloropropane
Concen: 95.384 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN081841.D
Acq: 25 Apr 2024 10:21

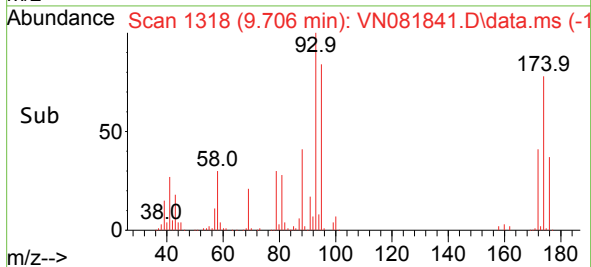
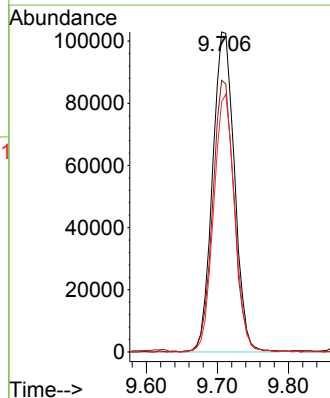
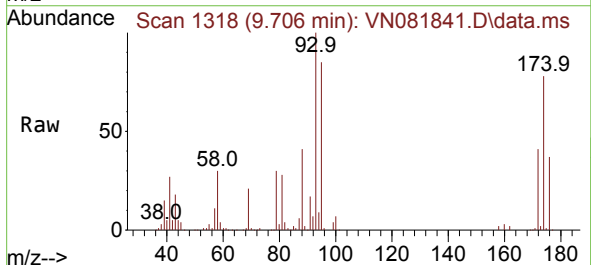
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

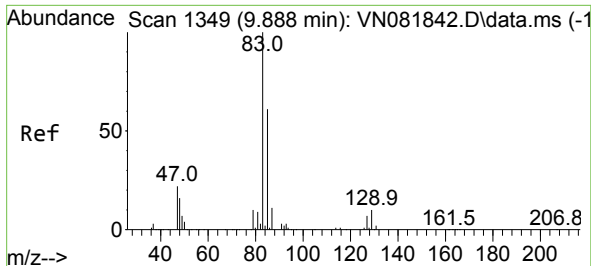
Tgt Ion: 63 Resp: 339423
Ion Ratio Lower Upper
63 100
65 30.1 24.1 36.1



#46
Dibromomethane
Concen: 89.754 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN081841.D
Acq: 25 Apr 2024 10:21

Tgt Ion: 93 Resp: 220752
Ion Ratio Lower Upper
93 100
95 82.7 64.8 97.2
174 77.5 73.4 110.0

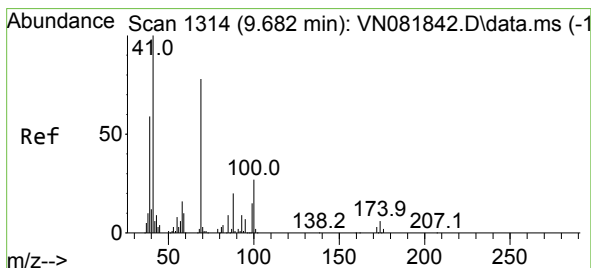
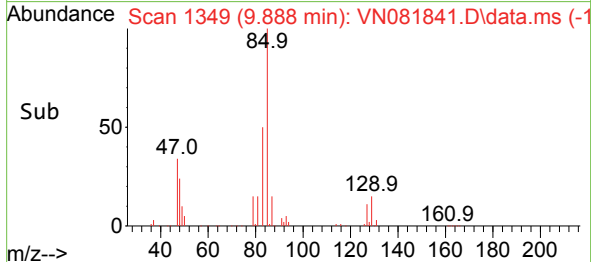
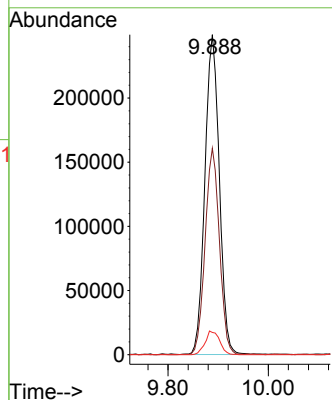
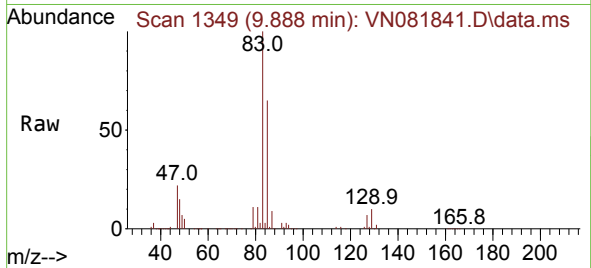




#47
Bromodichloromethane
Concen: 95.732 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081841.D
Acq: 25 Apr 2024 10:21

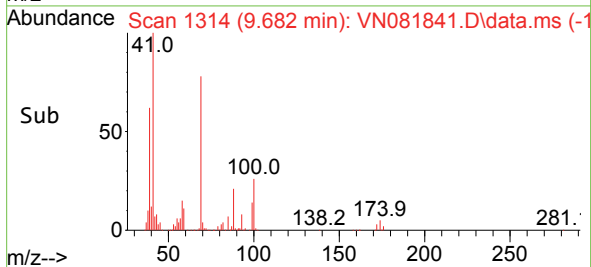
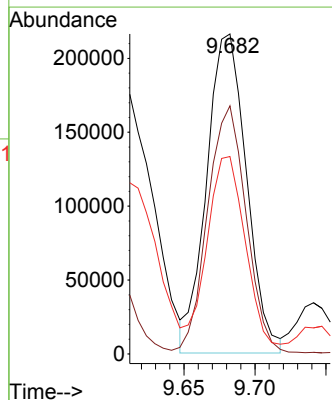
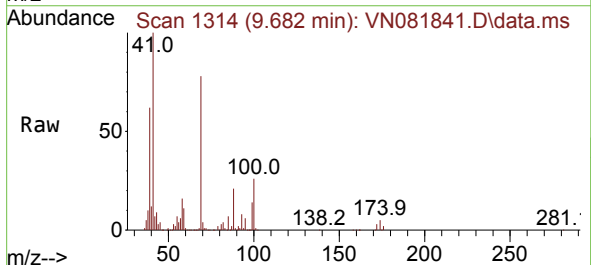
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

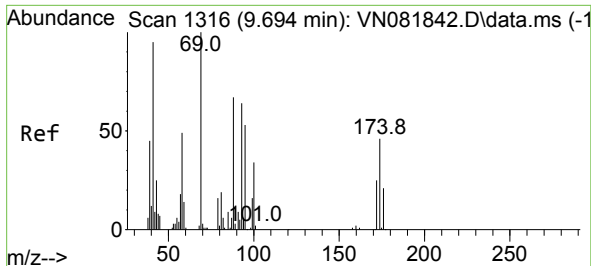
Tgt Ion: 83 Resp: 496562
Ion Ratio Lower Upper
83 100
85 64.5 51.9 77.9
127 7.0 7.5 11.3#



#48
Methyl methacrylate
Concen: 96.006 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081841.D
Acq: 25 Apr 2024 10:21

Tgt Ion: 41 Resp: 422030
Ion Ratio Lower Upper
41 100
69 75.6 77.9 116.9#
39 60.9 50.9 76.3





#49

1,4-Dioxane

Concen: 1896.737 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN081841.D

Acq: 25 Apr 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

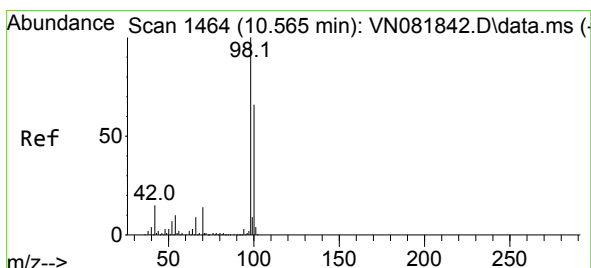
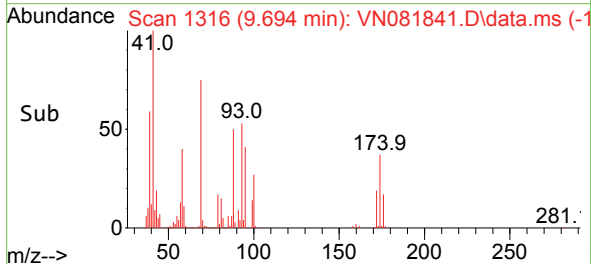
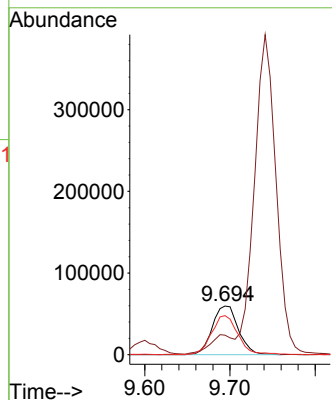
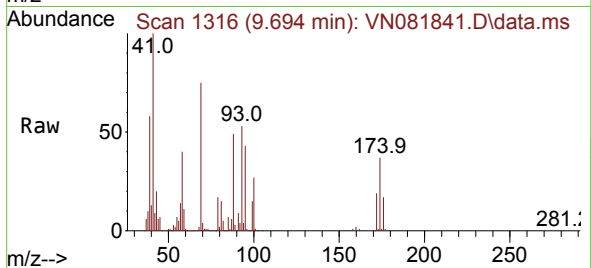
Tgt Ion: 88 Resp: 126727

Ion Ratio Lower Upper

88 100

43 36.3 19.0 28.6#

58 82.2 50.6 76.0#



#50

Toluene-d8

Concen: 105.803 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN081841.D

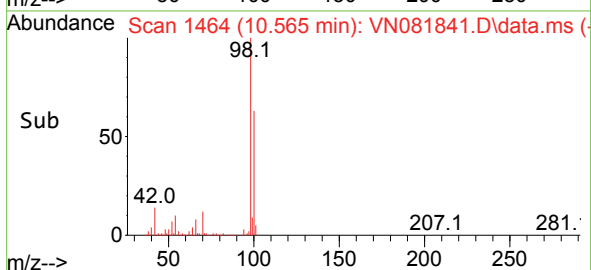
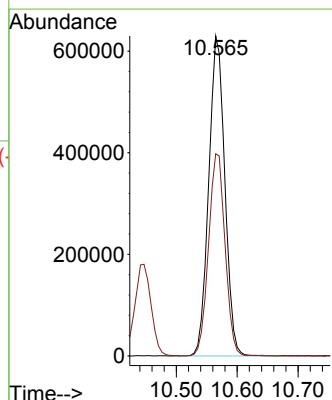
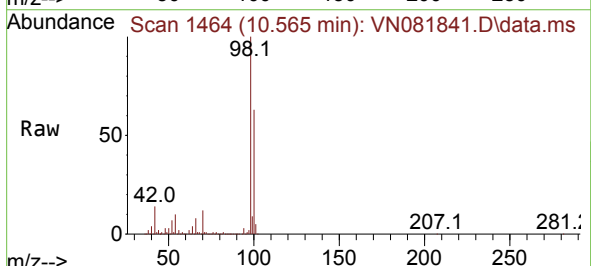
Acq: 25 Apr 2024 10:21

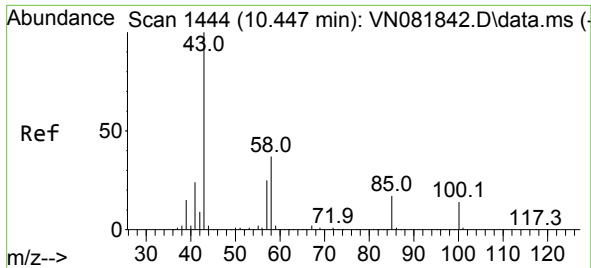
Tgt Ion: 98 Resp: 1156893

Ion Ratio Lower Upper

98 100

100 64.8 51.8 77.6

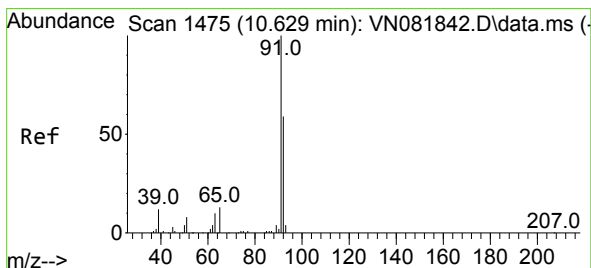
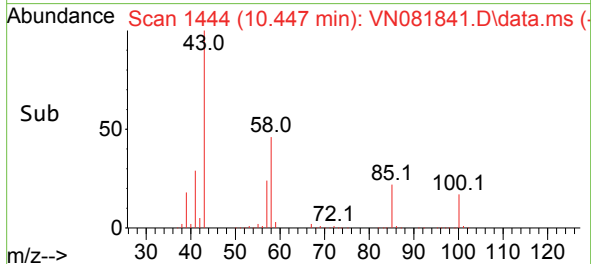
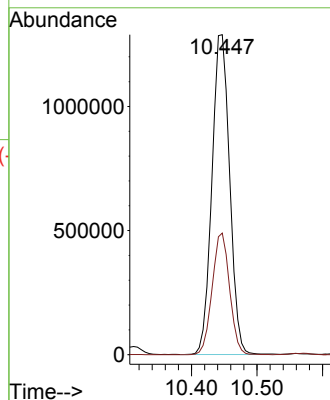
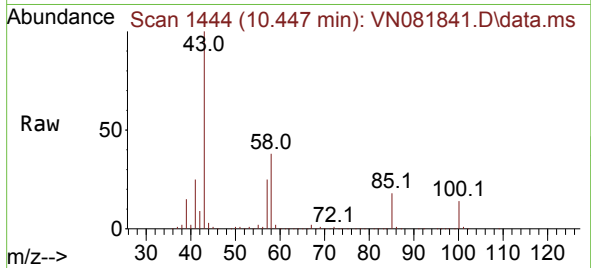




#51
4-Methyl-2-Pentanone
Concen: 466.377 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081841.D
Acq: 25 Apr 2024 10:21

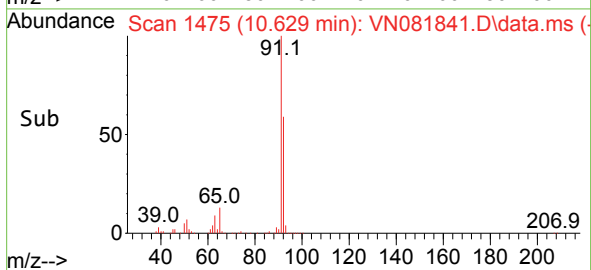
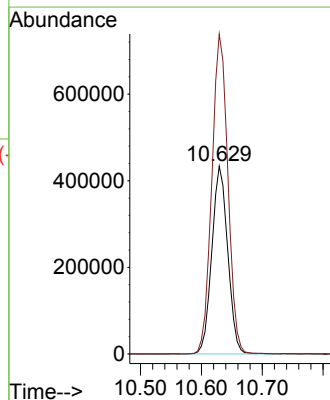
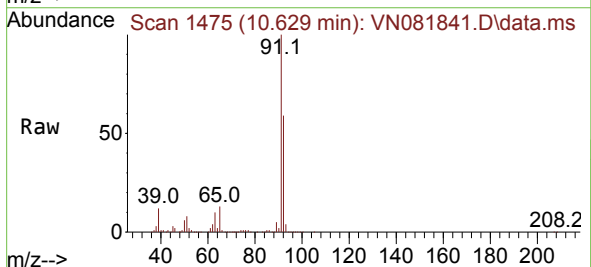
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

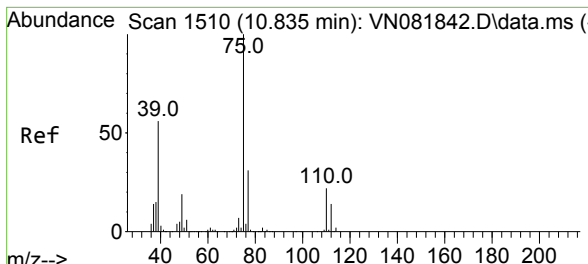
Tgt Ion: 43 Resp: 2417566
Ion Ratio Lower Upper
43 100
58 37.4 33.2 49.8



#52
Toluene
Concen: 96.548 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081841.D
Acq: 25 Apr 2024 10:21

Tgt Ion: 92 Resp: 786156
Ion Ratio Lower Upper
92 100
91 172.1 136.7 205.1



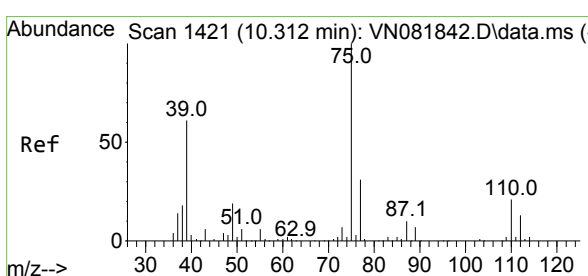
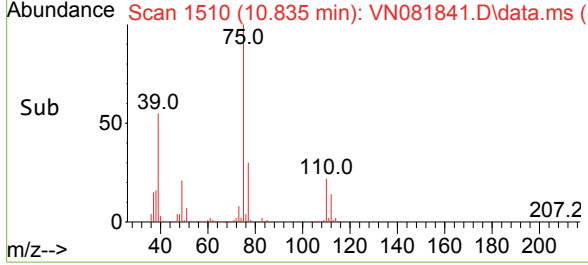
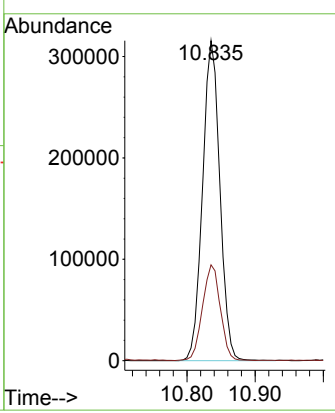
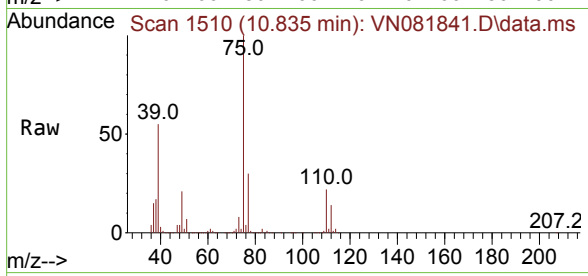


#53
 t-1,3-Dichloropropene
 Concen: 98.765 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN081841.D
 Acq: 25 Apr 2024 10:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion: 75 Resp: 557427

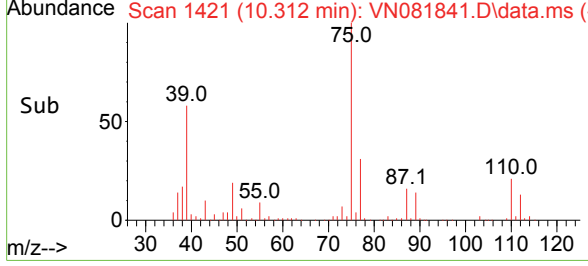
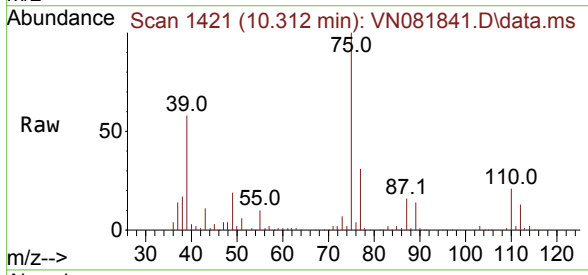
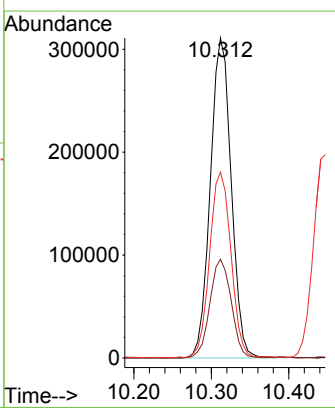
Ion	Ratio	Lower	Upper
75	100		
77	29.9	25.4	38.0

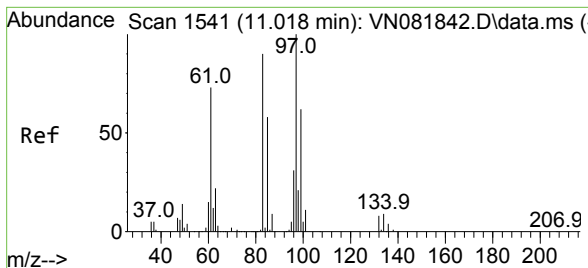


#54
 cis-1,3-Dichloropropene
 Concen: 100.085 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN081841.D
 Acq: 25 Apr 2024 10:21

Tgt Ion: 75 Resp: 582186

Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.0	37.4
39	57.9	34.8	52.2

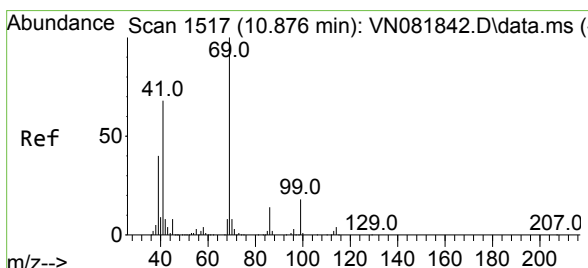
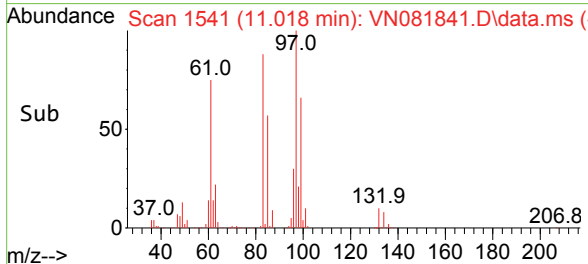
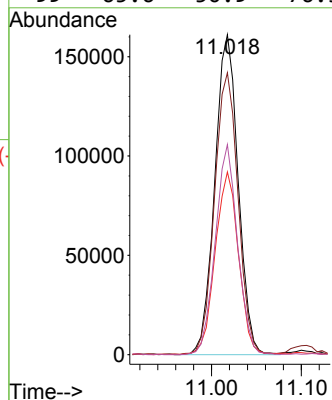
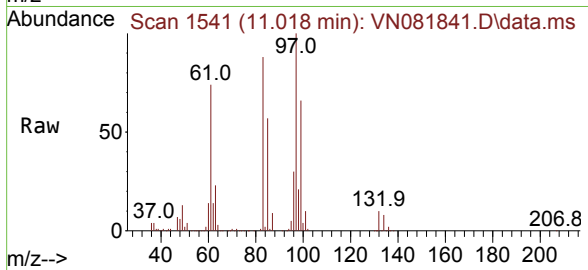




#55
1,1,2-Trichloroethane
Concen: 91.131 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081841.D
Acq: 25 Apr 2024 10:21

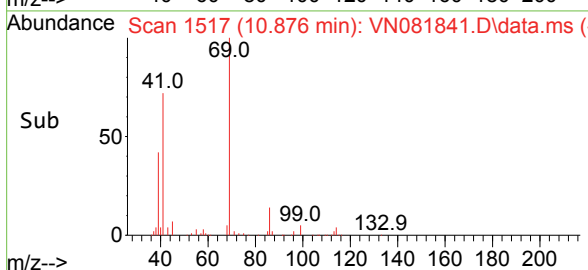
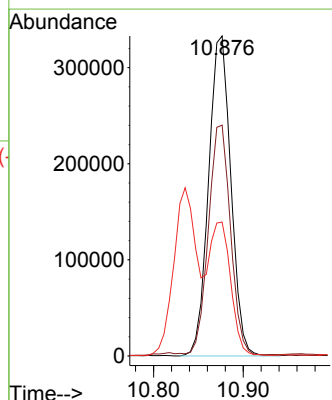
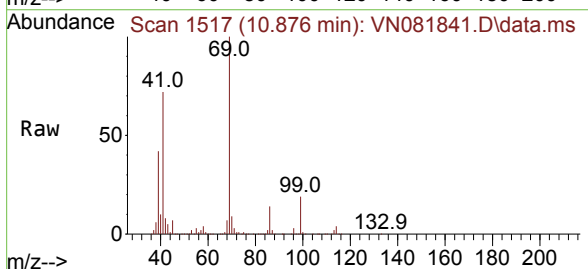
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

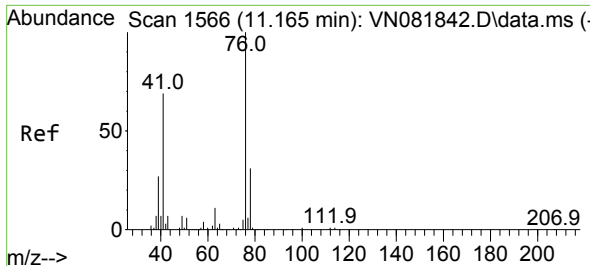
Tgt Ion: 97 Resp: 291834
Ion Ratio Lower Upper
97 100
83 88.0 70.4 105.6
85 57.0 45.6 68.4
99 65.6 50.9 76.3



#56
Ethyl methacrylate
Concen: 94.238 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081841.D
Acq: 25 Apr 2024 10:21

Tgt Ion: 69 Resp: 574654
Ion Ratio Lower Upper
69 100
41 70.8 46.6 70.0#
39 42.2 26.5 39.7#





#57

1,3-Dichloropropane

Concen: 95.742 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN081841.D

Acq: 25 Apr 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

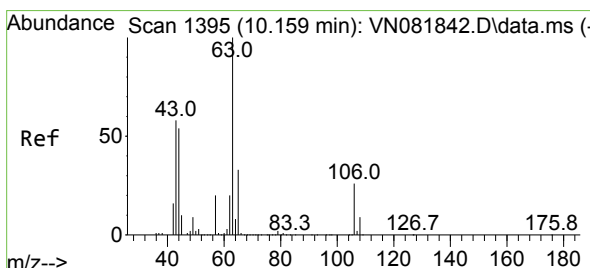
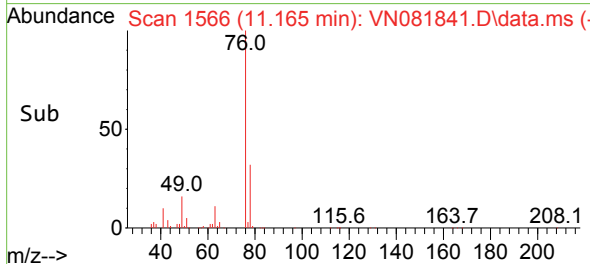
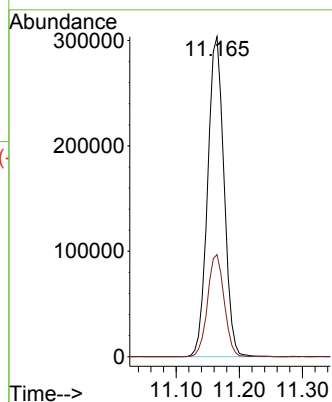
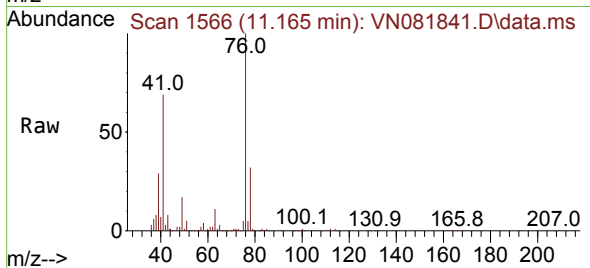
VSTDIC100

Tgt Ion: 76 Resp: 545095

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 377.836 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN081841.D

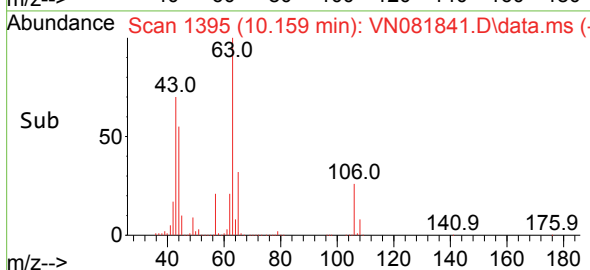
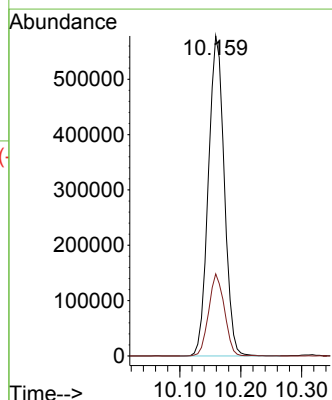
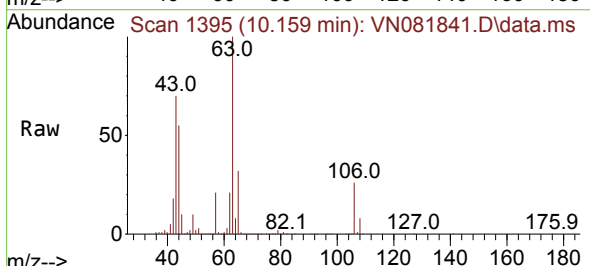
Acq: 25 Apr 2024 10:21

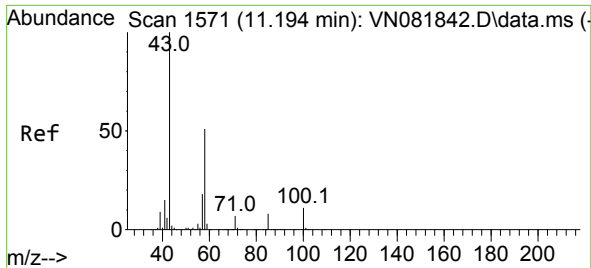
Tgt Ion: 63 Resp: 1049596

Ion Ratio Lower Upper

63 100

106 25.3 24.6 36.8

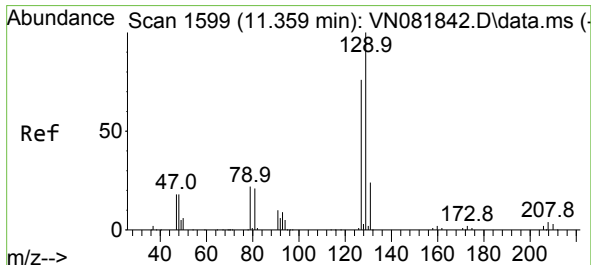
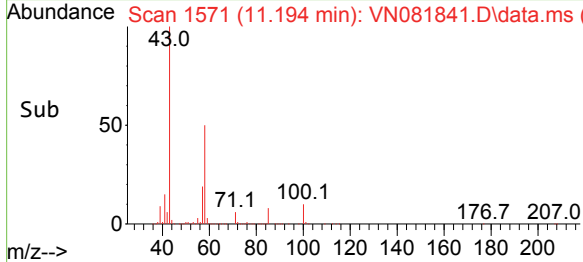
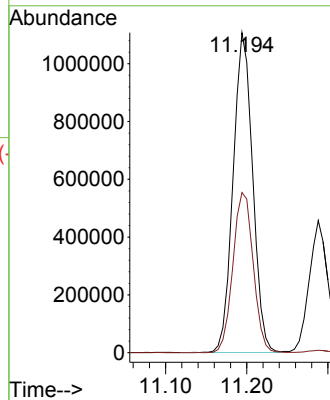
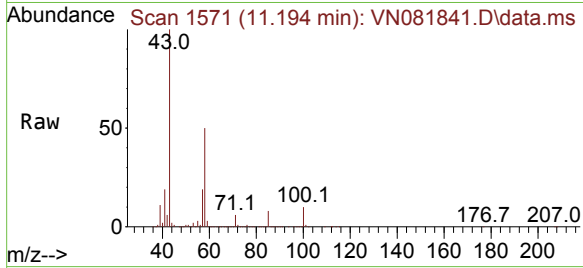




#59
2-Hexanone
Concen: 479.374 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081841.D
Acq: 25 Apr 2024 10:21

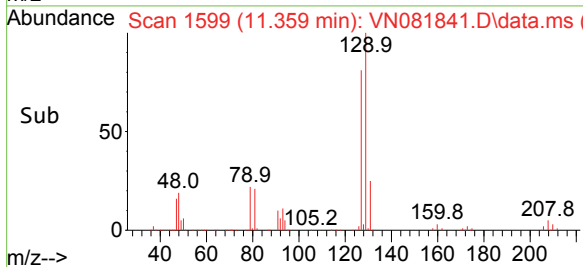
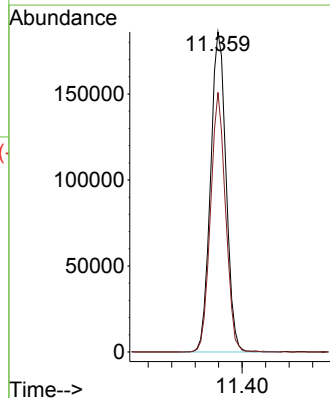
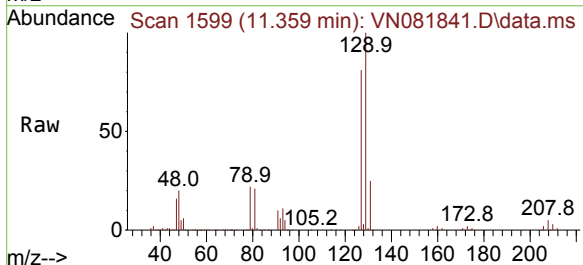
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

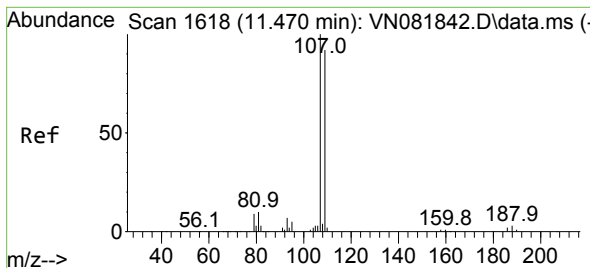
Tgt Ion: 43 Resp: 1849296
Ion Ratio Lower Upper
43 100
58 52.0 28.3 84.9



#60
Dibromochloromethane
Concen: 100.455 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081841.D
Acq: 25 Apr 2024 10:21

Tgt Ion: 129 Resp: 340727
Ion Ratio Lower Upper
129 100
127 78.4 38.3 114.8

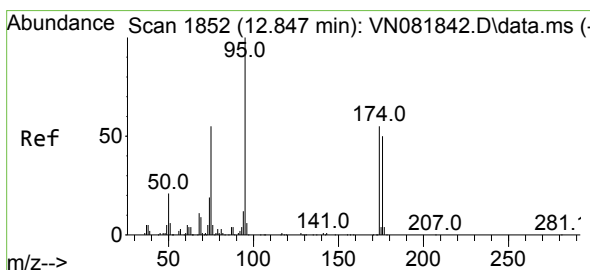
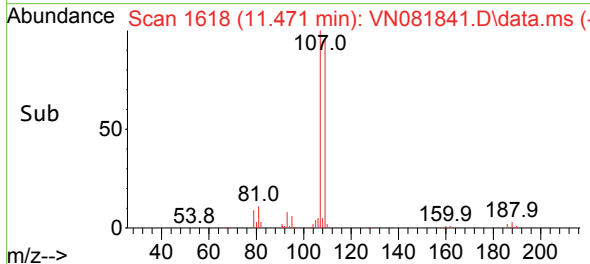
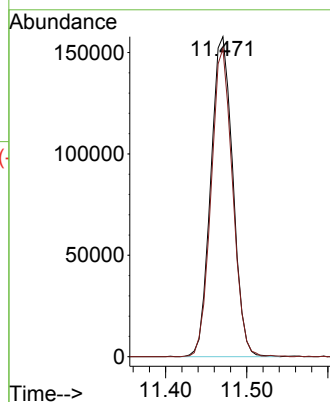
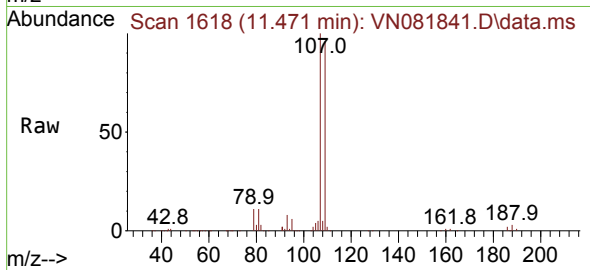




#61
1,2-Dibromoethane
Concen: 97.217 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081841.D
Acq: 25 Apr 2024 10:21

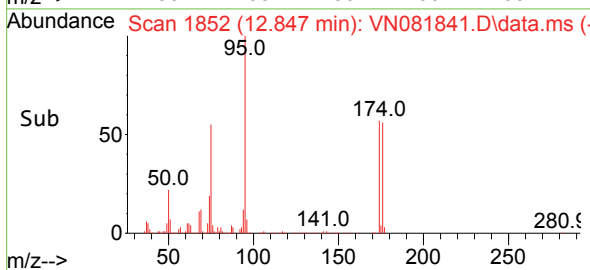
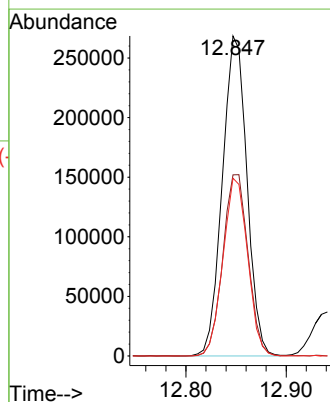
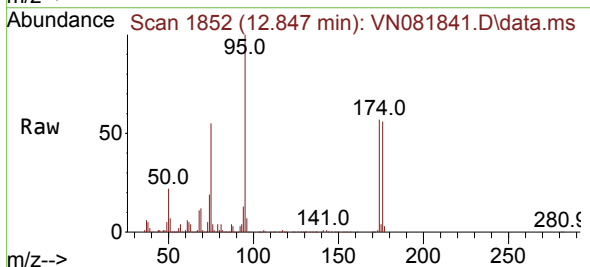
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

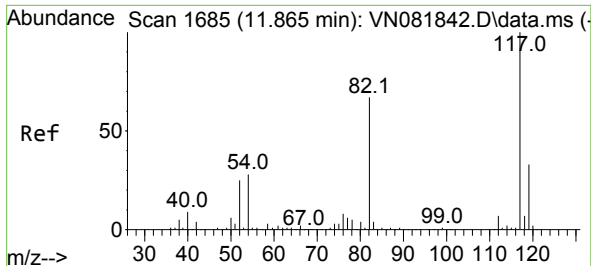
Tgt Ion:107 Resp: 297720
Ion Ratio Lower Upper
107 100
109 93.5 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 105.749 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081841.D
Acq: 25 Apr 2024 10:21

Tgt Ion: 95 Resp: 457092
Ion Ratio Lower Upper
95 100
174 58.3 0.0 160.6
176 55.7 0.0 152.8

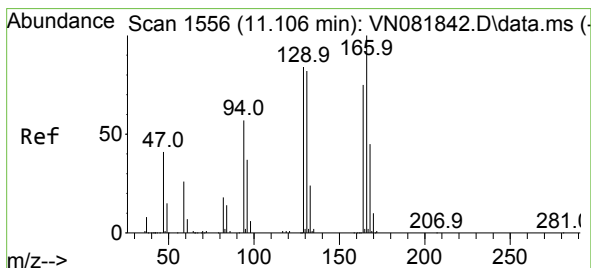
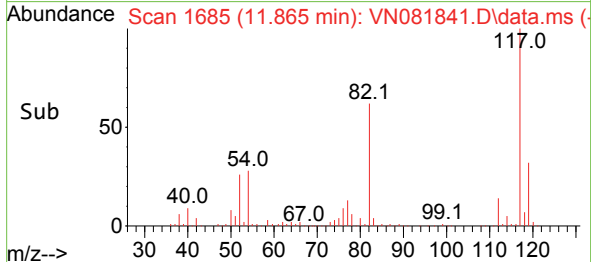
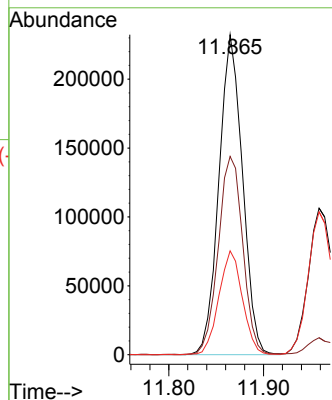
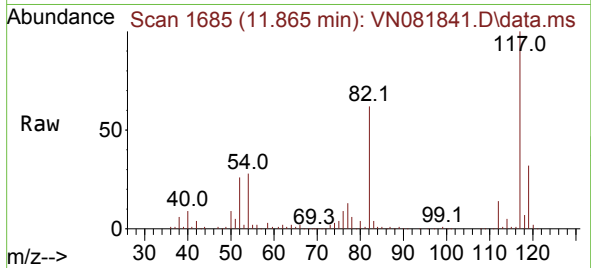




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081841.D
Acq: 25 Apr 2024 10:21

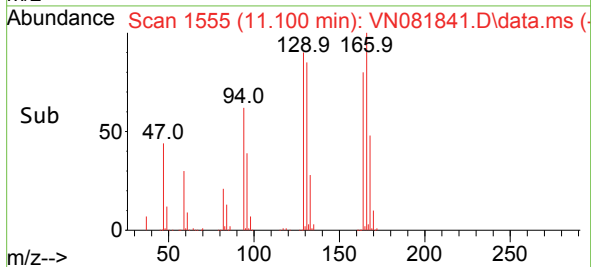
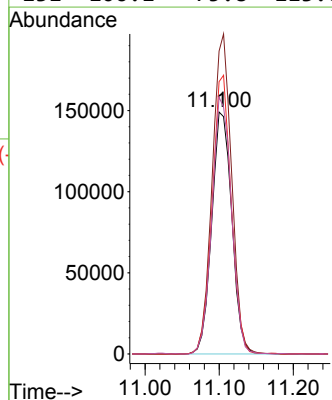
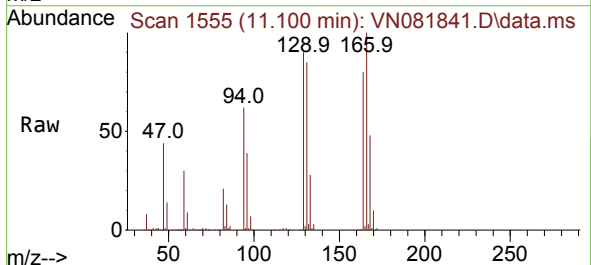
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

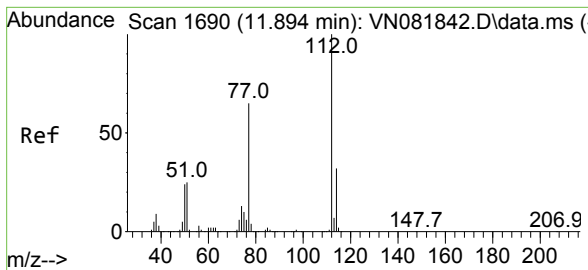
Tgt Ion:117 Resp: 402071
Ion Ratio Lower Upper
117 100
82 61.9 44.6 66.8
119 32.4 25.9 38.9



#64
Tetrachloroethene
Concen: 95.565 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN081841.D
Acq: 25 Apr 2024 10:21

Tgt Ion:164 Resp: 279072
Ion Ratio Lower Upper
164 100
166 125.2 97.6 146.4
129 112.6 73.7 110.5#
131 106.1 75.8 113.6

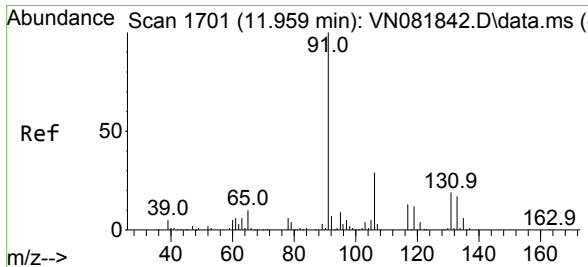
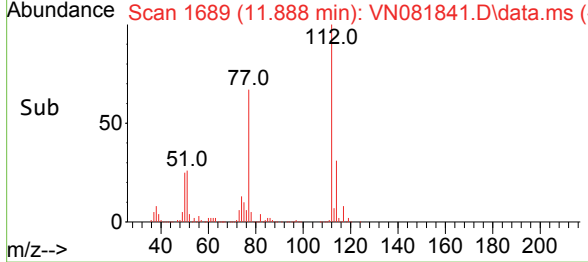
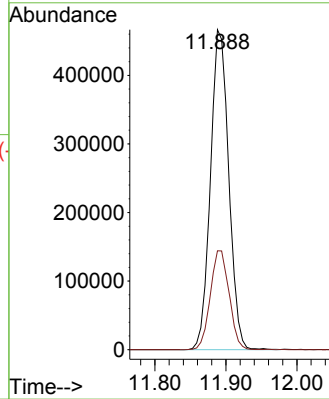
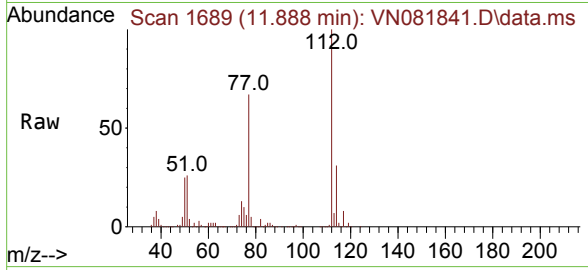




#65
Chlorobenzene
Concen: 94.917 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.006 min
Lab File: VN081841.D
Acq: 25 Apr 2024 10:21

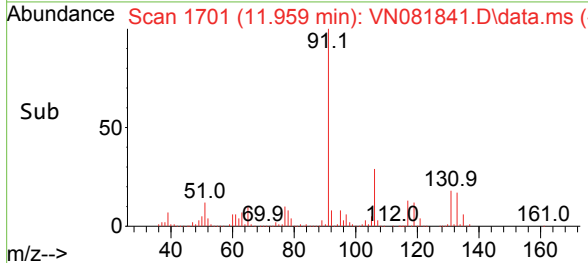
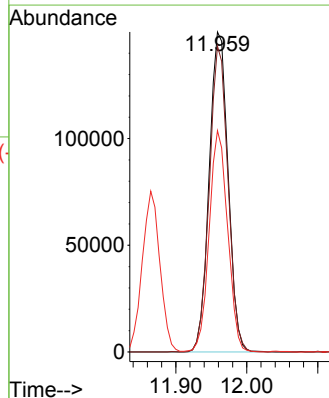
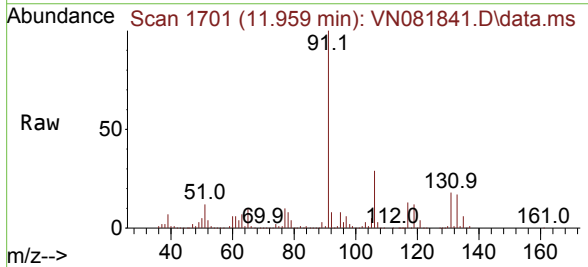
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

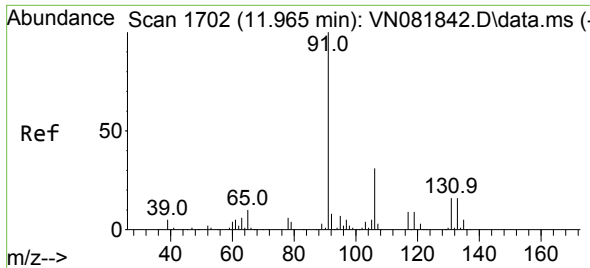
Tgt Ion:112 Resp: 833410
Ion Ratio Lower Upper
112 100
114 30.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 96.872 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN081841.D
Acq: 25 Apr 2024 10:21

Tgt Ion:131 Resp: 276434
Ion Ratio Lower Upper
131 100
133 94.9 47.5 142.6
119 67.8 32.9 98.7

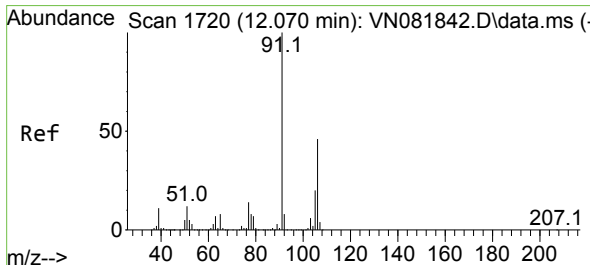
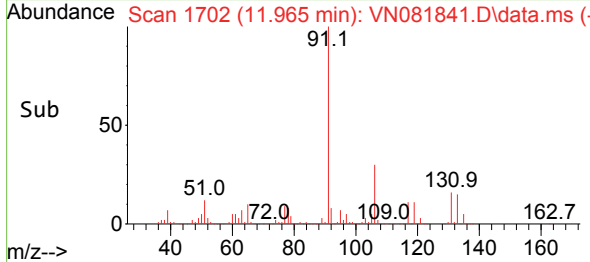
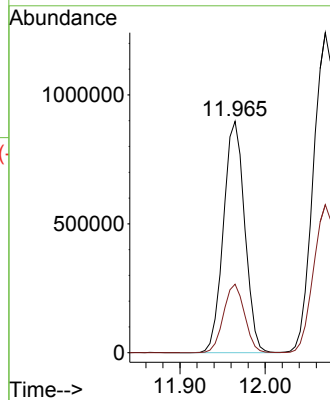
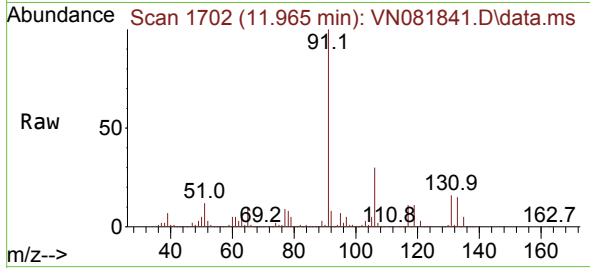




#67
Ethyl Benzene
Concen: 95.454 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081841.D
Acq: 25 Apr 2024 10:21

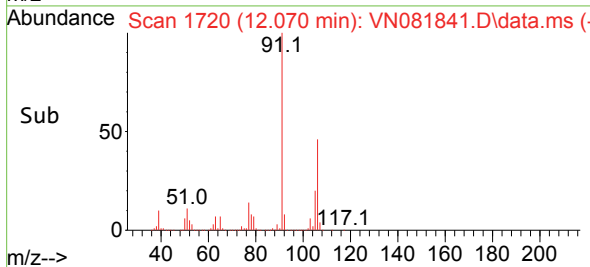
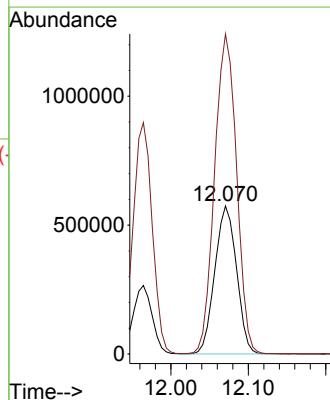
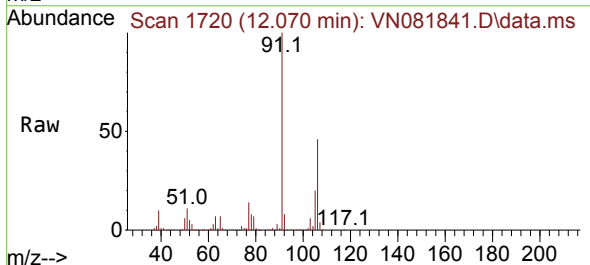
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

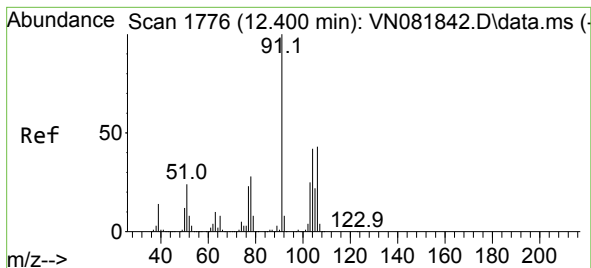
Tgt Ion: 91 Resp: 1558689
Ion Ratio Lower Upper
91 100
106 29.6 25.3 37.9



#68
m/p-Xylenes
Concen: 191.871 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081841.D
Acq: 25 Apr 2024 10:21

Tgt Ion: 106 Resp: 1117559
Ion Ratio Lower Upper
106 100
91 219.0 159.4 239.0





#69

o-Xylene

Concen: 94.906 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN081841.D

Acq: 25 Apr 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

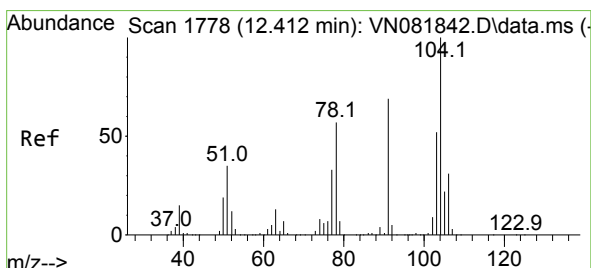
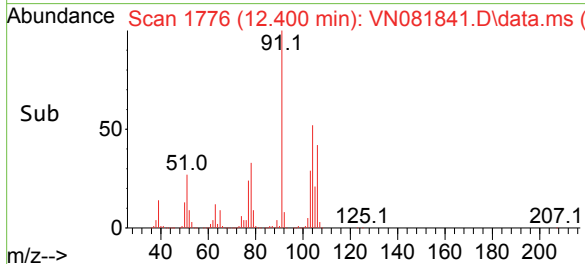
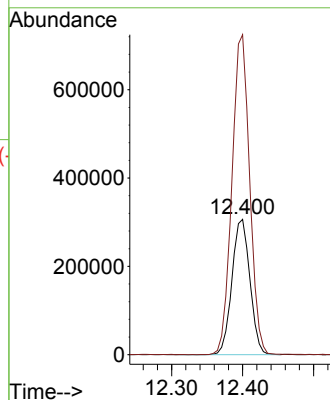
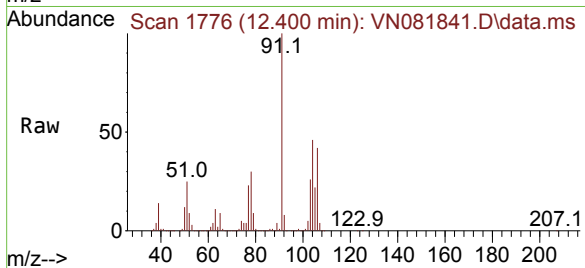
VSTDICC100

Tgt Ion:106 Resp: 539679

Ion Ratio Lower Upper

106 100

91 233.2 104.7 314.1



#70

Styrene

Concen: 96.242 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN081841.D

Acq: 25 Apr 2024 10:21

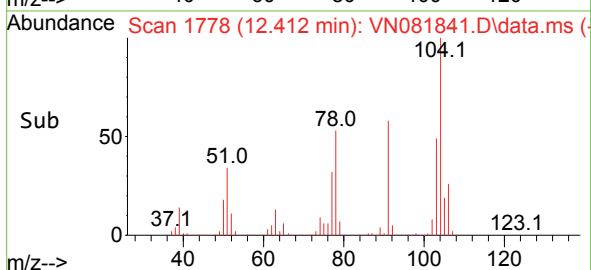
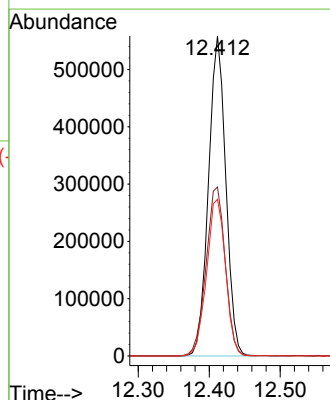
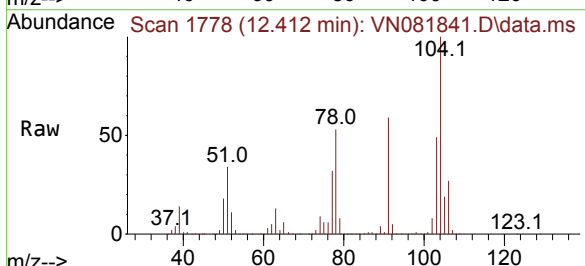
Tgt Ion:104 Resp: 946741

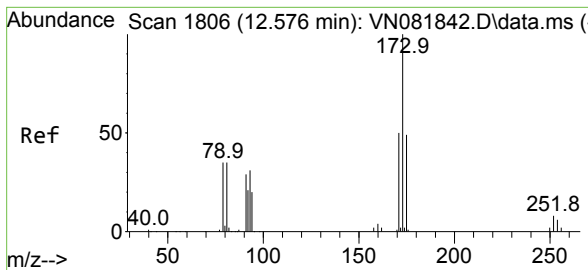
Ion Ratio Lower Upper

104 100

78 58.6 38.6 58.0#

103 53.5 43.8 65.6

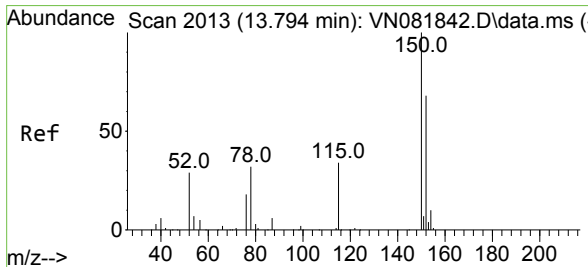
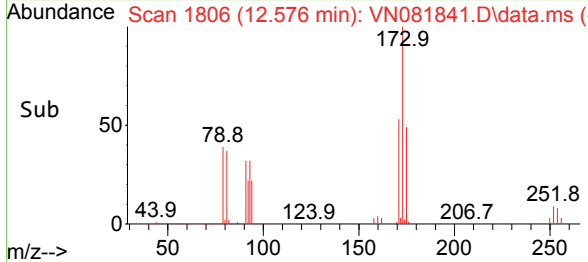
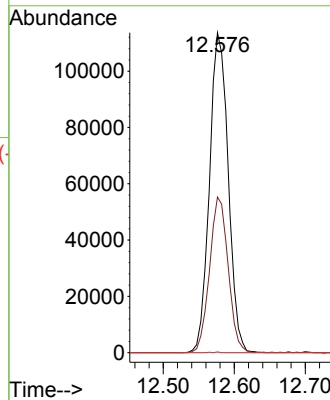
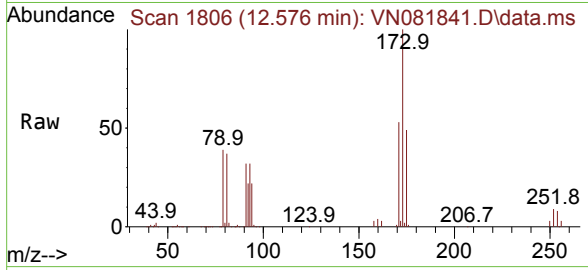




#71
Bromoform
Concen: 92.872 ug/l
RT: 12.576 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081841.D
Acq: 25 Apr 2024 10:21

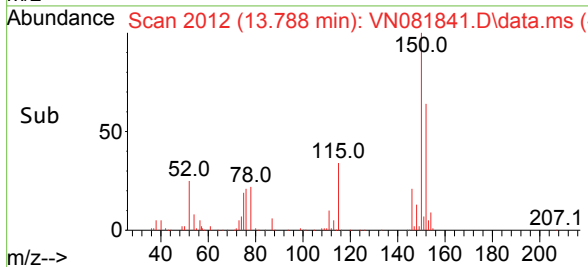
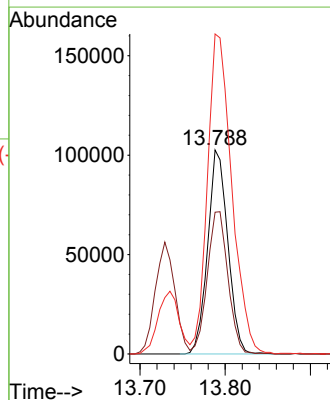
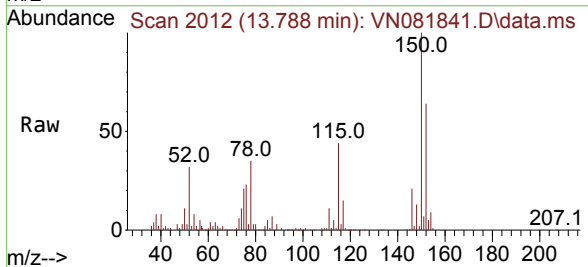
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

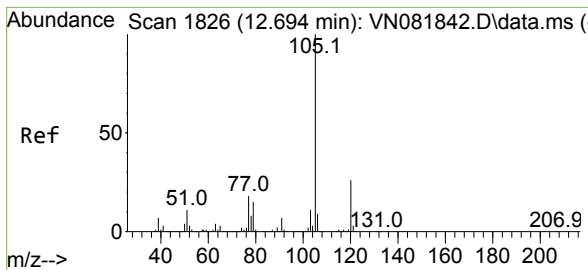
Tgt Ion:173 Resp: 208351
Ion Ratio Lower Upper
173 100
175 48.2 24.6 74.0
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN081841.D
Acq: 25 Apr 2024 10:21

Tgt Ion:152 Resp: 168184
Ion Ratio Lower Upper
152 100
115 71.9 30.4 91.3
150 188.7 0.0 353.2

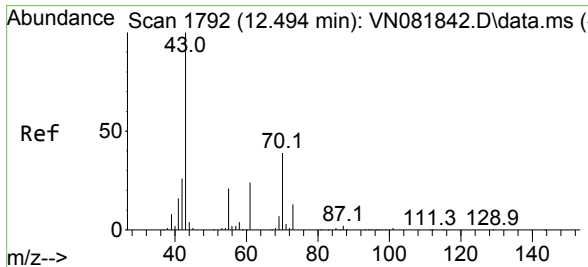
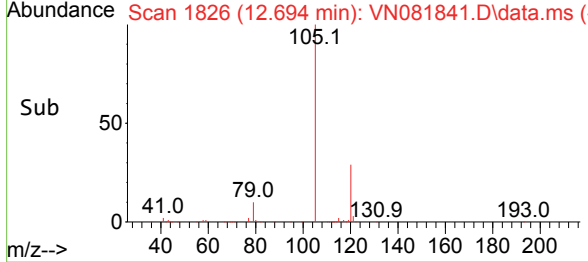
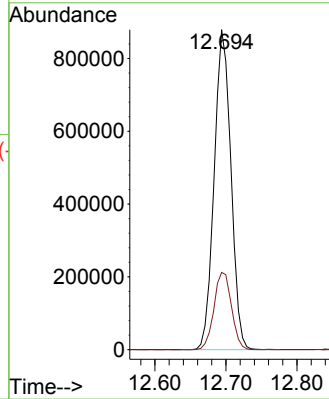
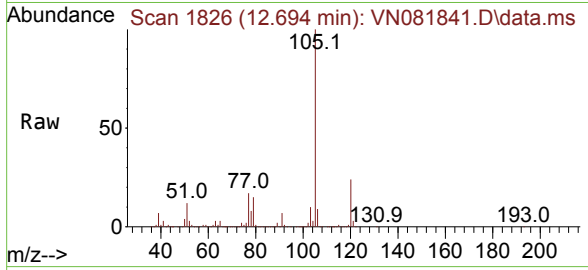




#73
Isopropylbenzene
Concen: 96.146 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN081841.D
Acq: 25 Apr 2024 10:21

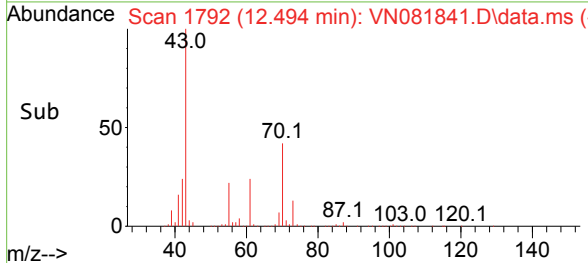
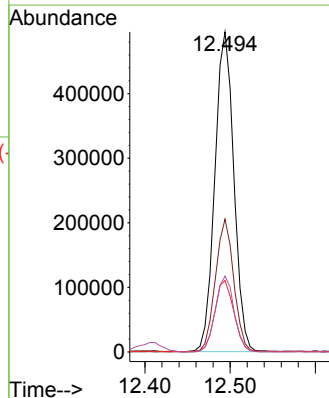
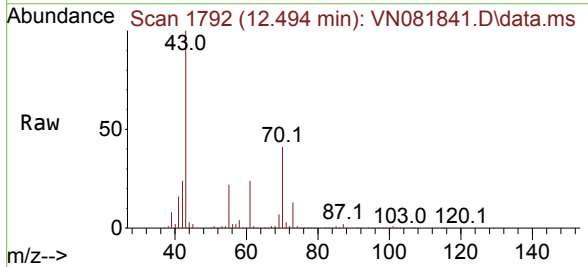
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

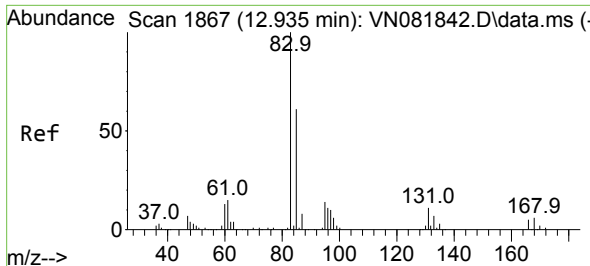
Tgt Ion:105 Resp: 1437676
Ion Ratio Lower Upper
105 100
120 25.2 13.4 40.1



#74
N-ethyl acetate
Concen: 92.032 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081841.D
Acq: 25 Apr 2024 10:21

Tgt Ion: 43 Resp: 766177
Ion Ratio Lower Upper
43 100
70 40.4 39.0 58.4
55 22.4 21.3 31.9
61 23.5 20.5 30.7

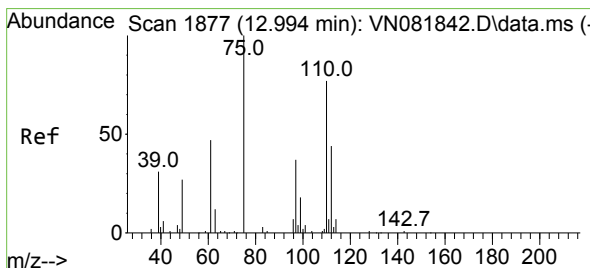
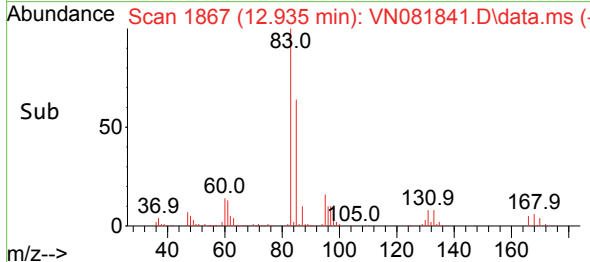
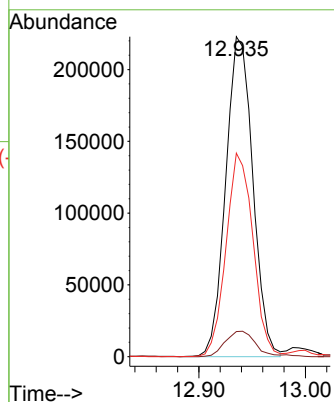
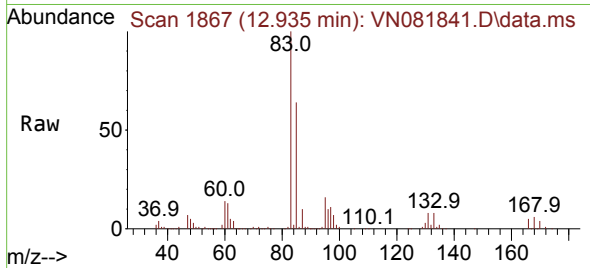




#75
1,1,2,2-Tetrachloroethane
Concen: 87.856 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN081841.D
Acq: 25 Apr 2024 10:21

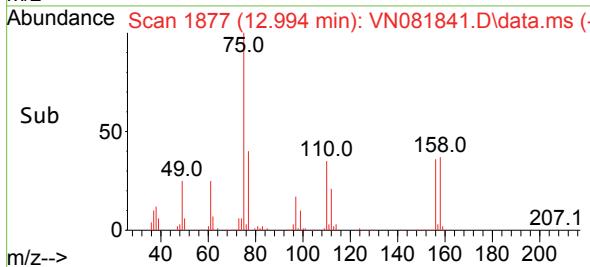
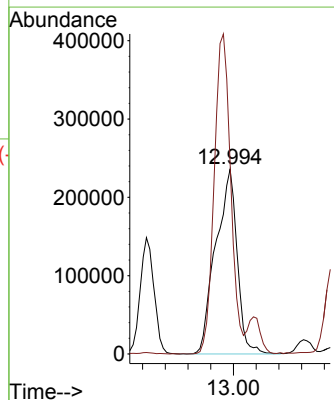
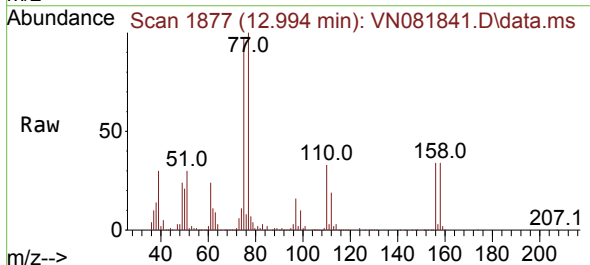
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

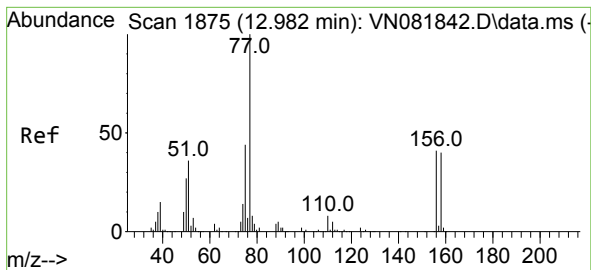
Tgt Ion: 83 Resp: 394509
Ion Ratio Lower Upper
83 100
131 9.0 5.5 16.4
85 63.2 32.9 98.6



#76
1,2,3-Trichloropropane
Concen: 141.467 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081841.D
Acq: 25 Apr 2024 10:21

Tgt Ion: 75 Resp: 618170
Ion Ratio Lower Upper
75 100
77 133.0 90.5 271.3





#77

Bromobenzene

Concen: 93.237 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN081841.D

Acq: 25 Apr 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

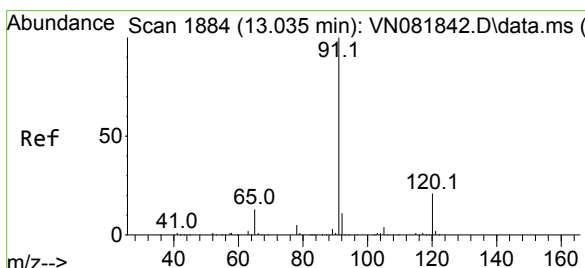
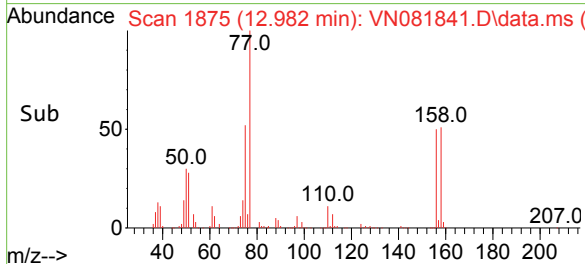
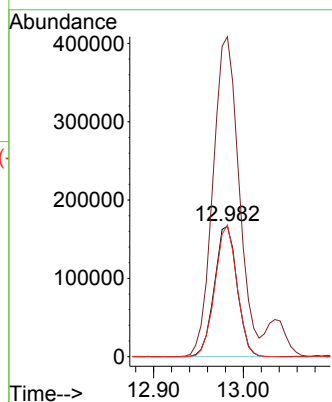
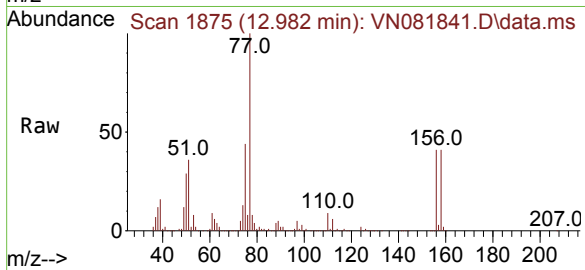
Tgt Ion:156 Resp: 291747

Ion Ratio Lower Upper

156 100

77 281.9 100.2 300.6

158 98.3 49.1 147.3



#78

n-propylbenzene

Concen: 96.640 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN081841.D

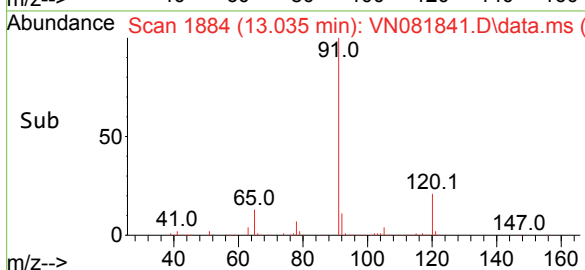
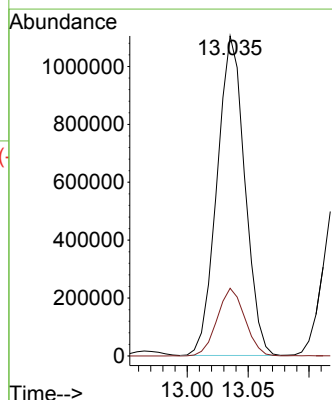
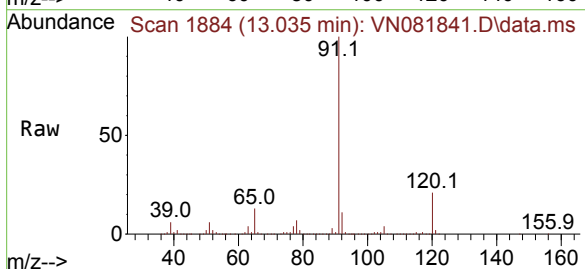
Acq: 25 Apr 2024 10:21

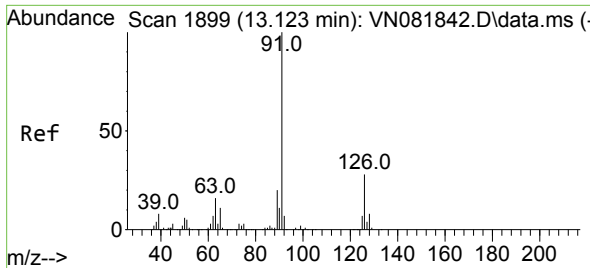
Tgt Ion: 91 Resp: 1755307

Ion Ratio Lower Upper

91 100

120 21.1 11.7 35.0

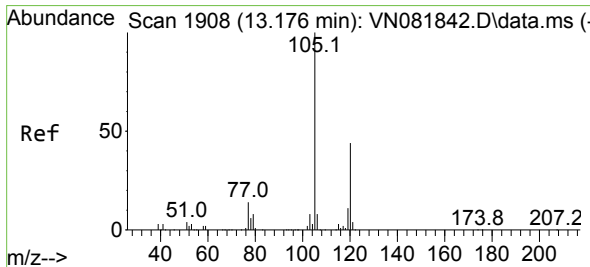
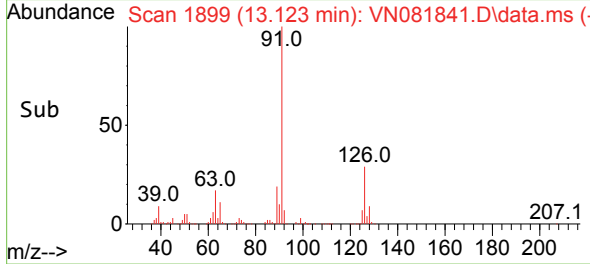
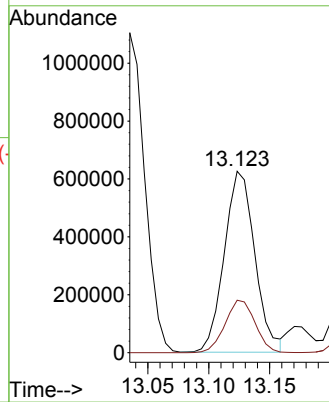
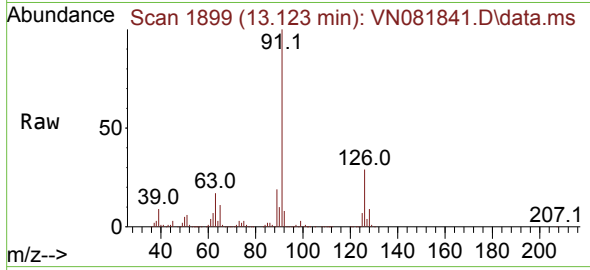




#79
2-Chlorotoluene
Concen: 94.638 ug/l
RT: 13.123 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081841.D
Acq: 25 Apr 2024 10:21

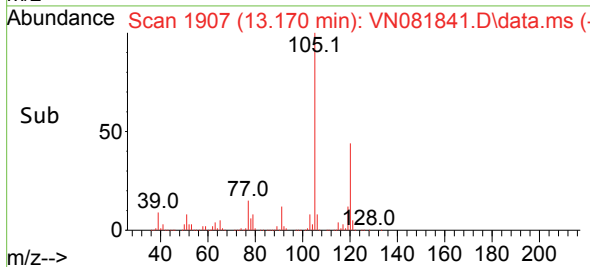
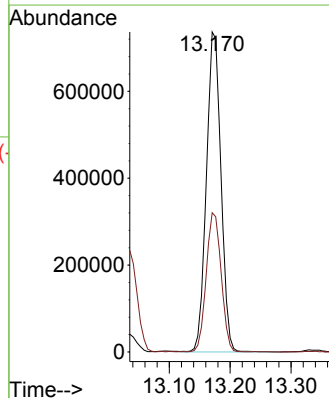
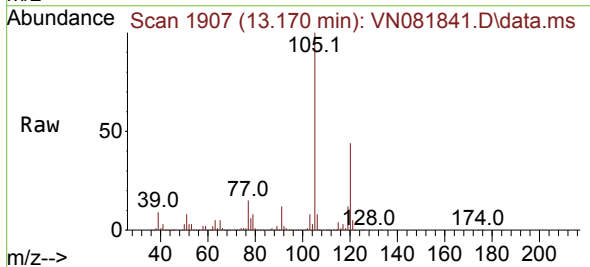
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

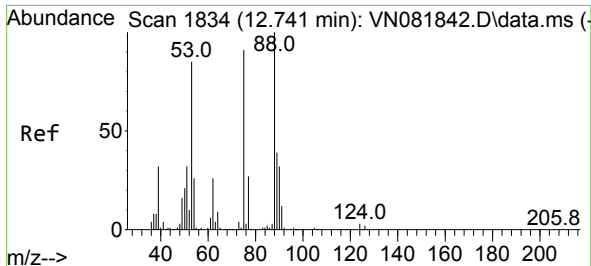
Tgt Ion: 91 Resp: 1093636
Ion Ratio Lower Upper
91 100
126 28.5 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 96.760 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN081841.D
Acq: 25 Apr 2024 10:21

Tgt Ion:105 Resp: 1224347
Ion Ratio Lower Upper
105 100
120 44.4 24.8 74.3

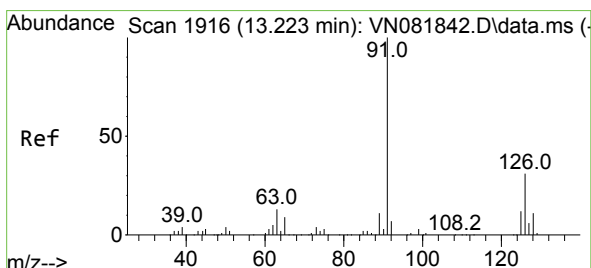
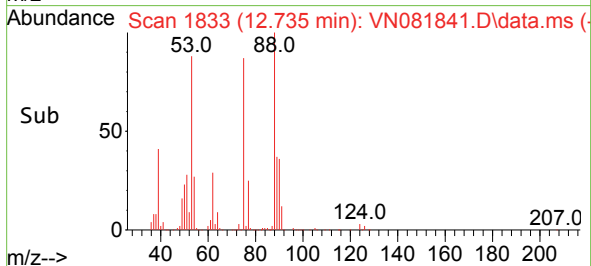
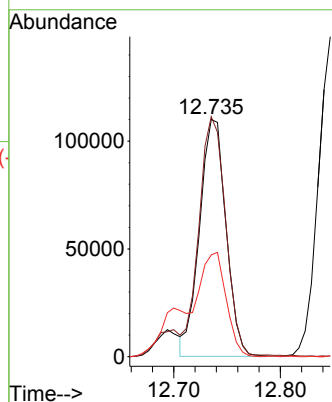
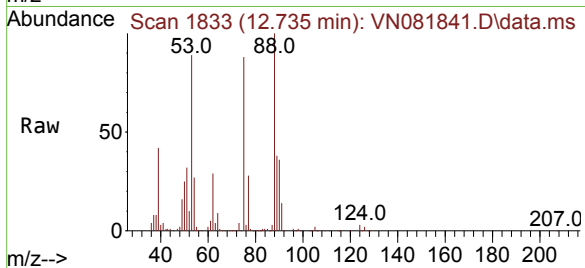




#81
trans-1,4-Dichloro-2-butene
Concen: 89.160 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081841.D
Acq: 25 Apr 2024 10:21

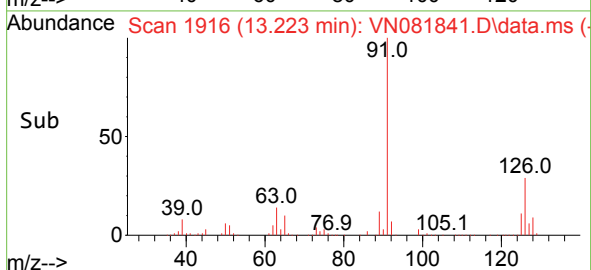
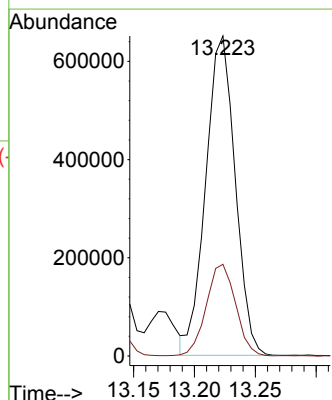
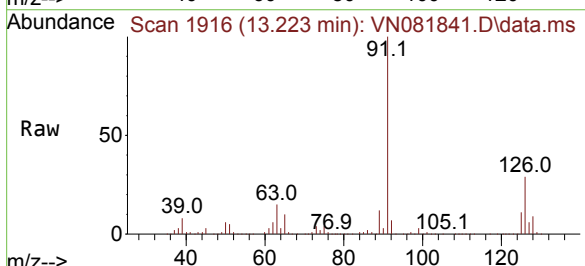
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

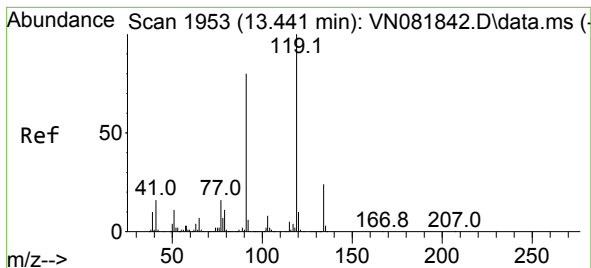
Tgt Ion: 75 Resp: 189736
Ion Ratio Lower Upper
75 100
53 114.0 72.9 109.3#
89 46.5 39.1 58.7



#82
4-Chlorotoluene
Concen: 97.643 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081841.D
Acq: 25 Apr 2024 10:21

Tgt Ion: 91 Resp: 1095480
Ion Ratio Lower Upper
91 100
126 28.7 17.4 52.3





#83

tert-Butylbenzene

Concen: 95.087 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN081841.D

Acq: 25 Apr 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

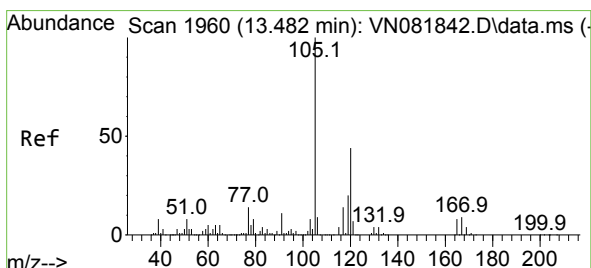
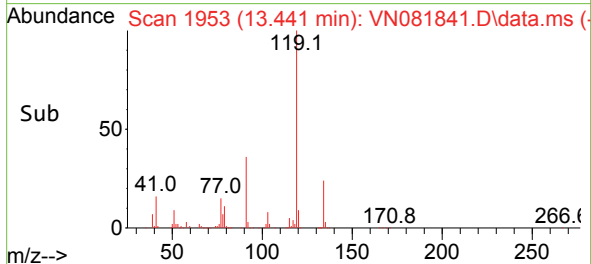
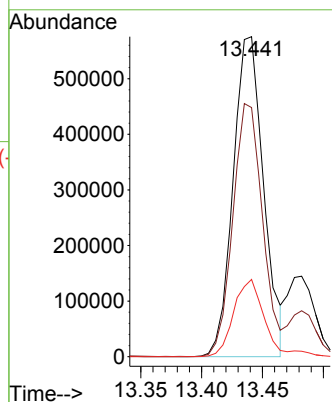
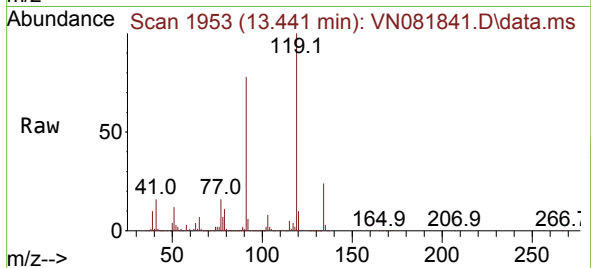
Tgt Ion:119 Resp: 1001964

Ion Ratio Lower Upper

119 100

91 77.0 32.6 97.8

134 24.7 12.4 37.0



#84

1,2,4-Trimethylbenzene

Concen: 96.387 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN081841.D

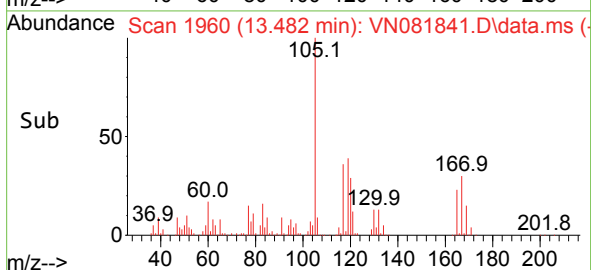
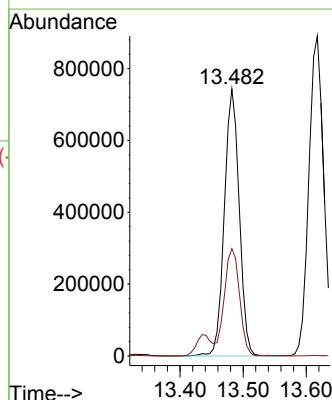
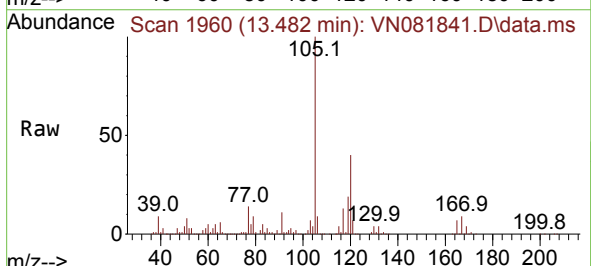
Acq: 25 Apr 2024 10:21

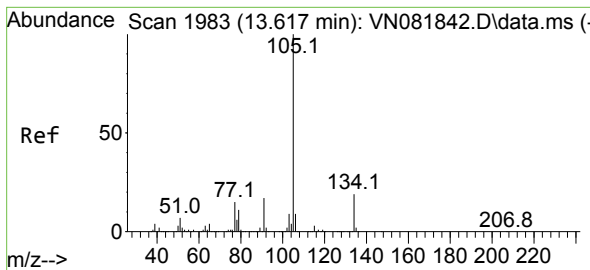
Tgt Ion:105 Resp: 1217966

Ion Ratio Lower Upper

105 100

120 41.5 22.9 68.7





#85

sec-Butylbenzene

Concen: 98.265 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN081841.D

Acq: 25 Apr 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

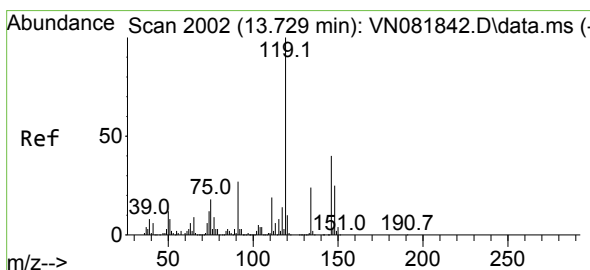
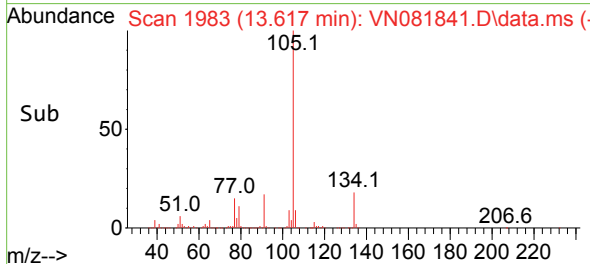
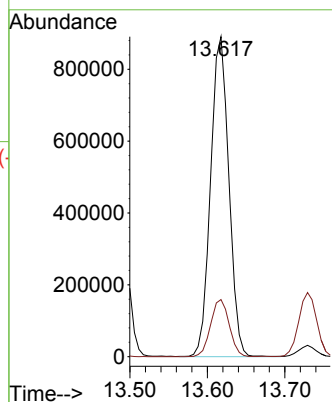
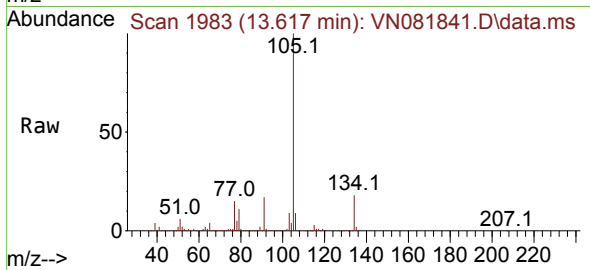
VSTDICC100

Tgt Ion:105 Resp: 1458544

Ion Ratio Lower Upper

105 100

134 18.2 10.2 30.4



#86

p-Isopropyltoluene

Concen: 96.969 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN081841.D

Acq: 25 Apr 2024 10:21

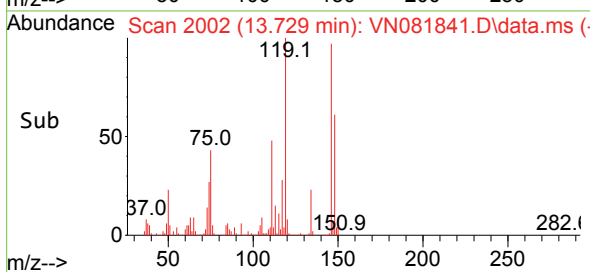
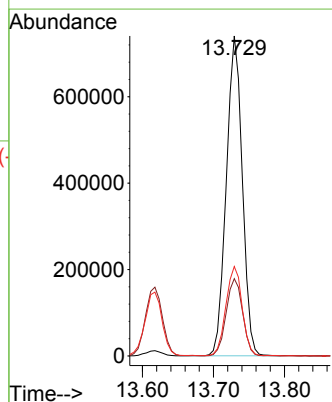
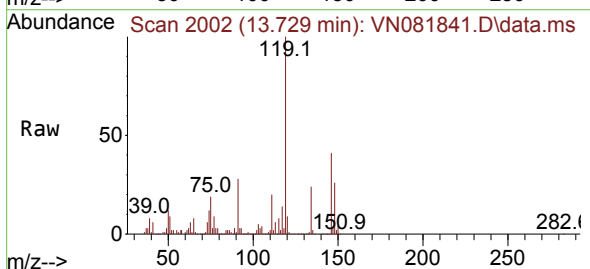
Tgt Ion:119 Resp: 1155674

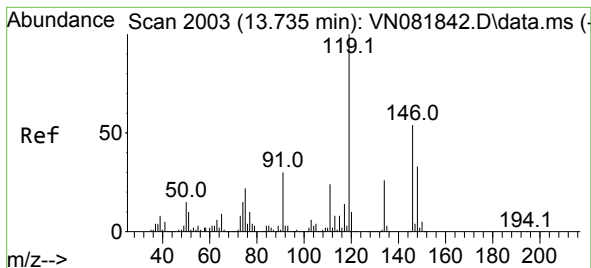
Ion Ratio Lower Upper

119 100

134 24.9 13.2 39.5

91 28.2 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 92.806 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN081841.D

Acq: 25 Apr 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

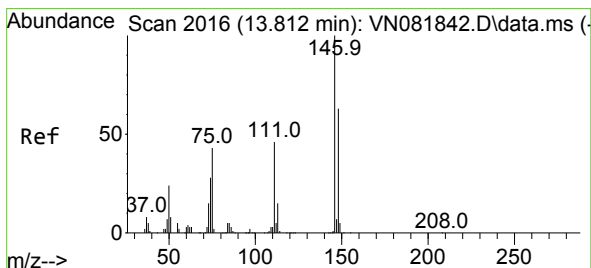
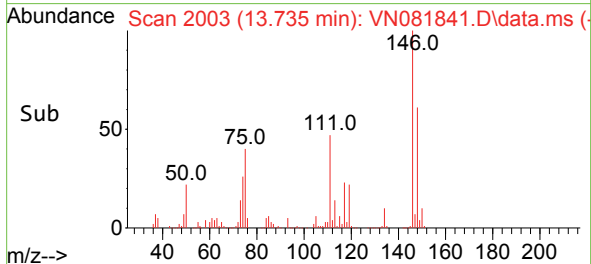
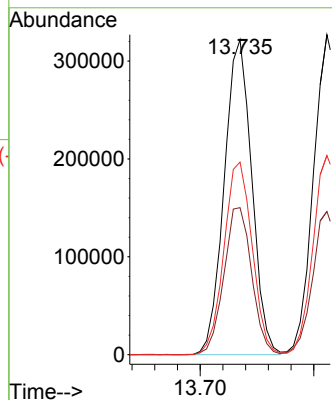
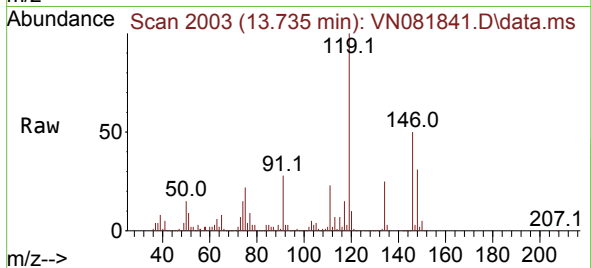
Tgt Ion:146 Resp: 541857

Ion Ratio Lower Upper

146 100

111 47.1 20.8 62.5

148 62.7 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 96.421 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN081841.D

Acq: 25 Apr 2024 10:21

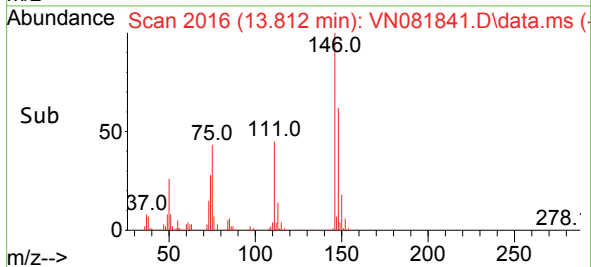
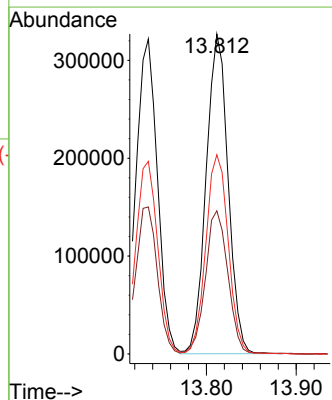
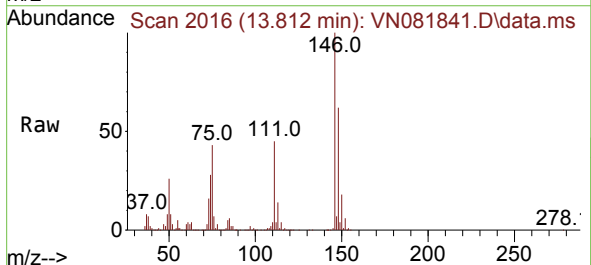
Tgt Ion:146 Resp: 554372

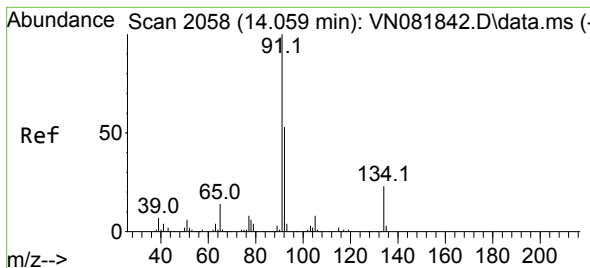
Ion Ratio Lower Upper

146 100

111 46.2 19.3 57.9

148 63.8 31.3 93.9





#89

n-Butylbenzene

Concen: 103.517 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081841.D

Acq: 25 Apr 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

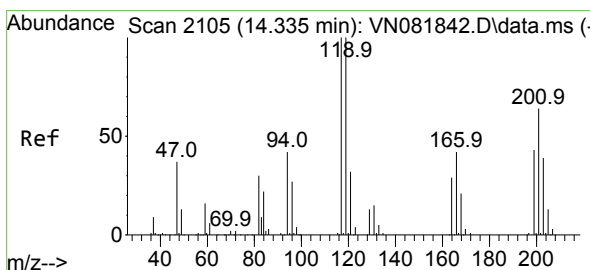
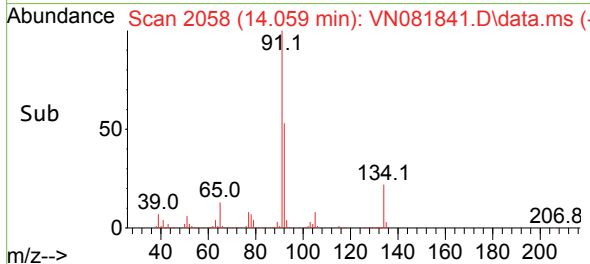
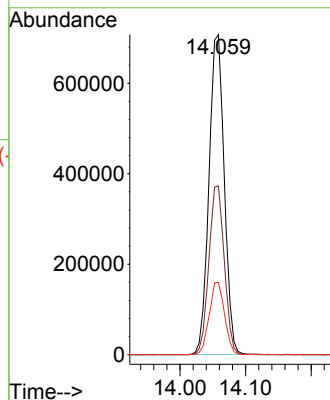
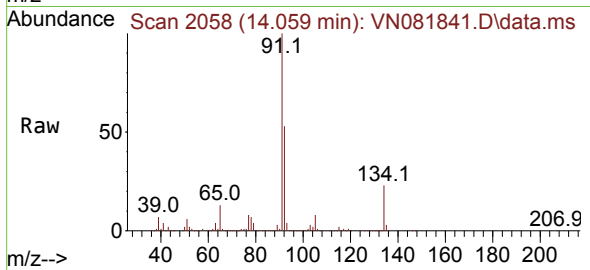
Tgt Ion: 91 Resp: 1148349

Ion Ratio Lower Upper

91 100

92 53.3 26.2 78.5

134 22.7 13.2 39.5



#90

Hexachloroethane

Concen: 101.054 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN081841.D

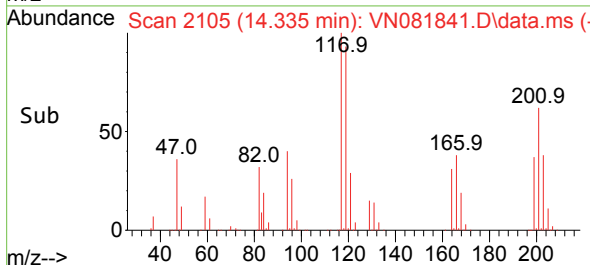
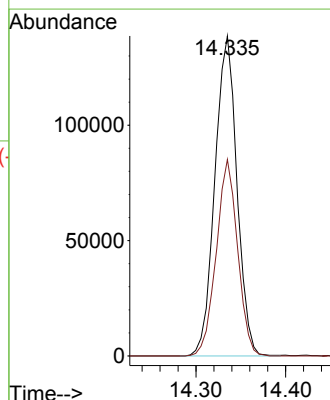
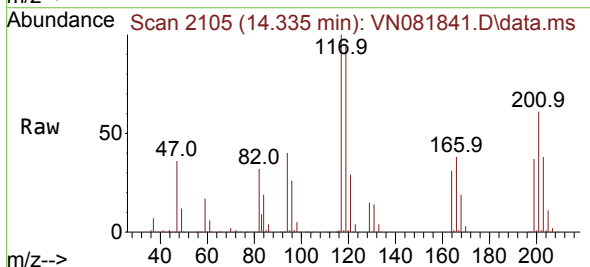
Acq: 25 Apr 2024 10:21

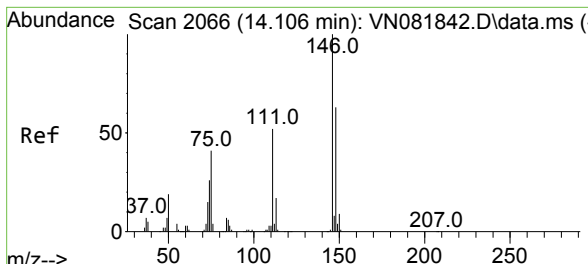
Tgt Ion: 117 Resp: 236917

Ion Ratio Lower Upper

117 100

201 59.4 33.3 99.8

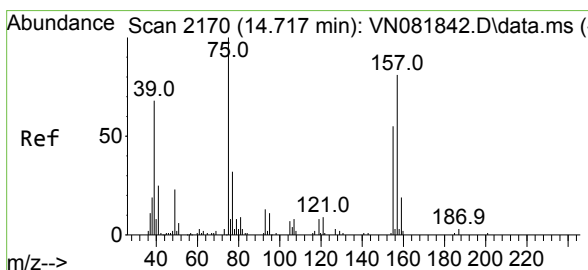
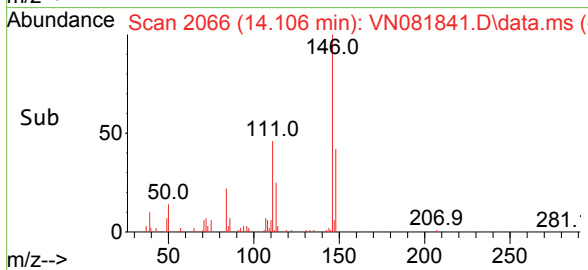
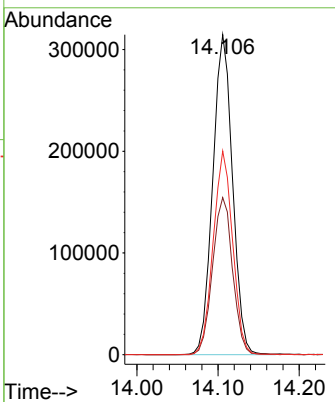
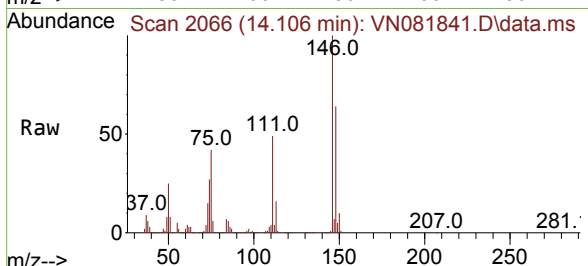




#91
 1,2-Dichlorobenzene
 Concen: 95.146 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: VN081841.D
 Acq: 25 Apr 2024 10:21

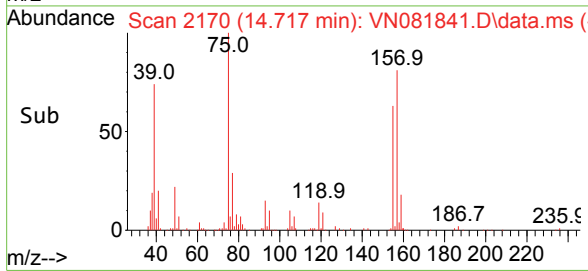
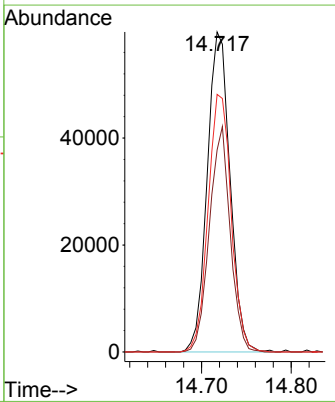
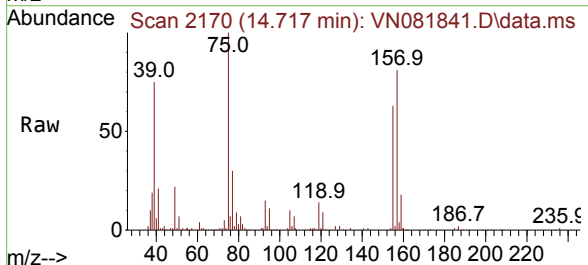
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

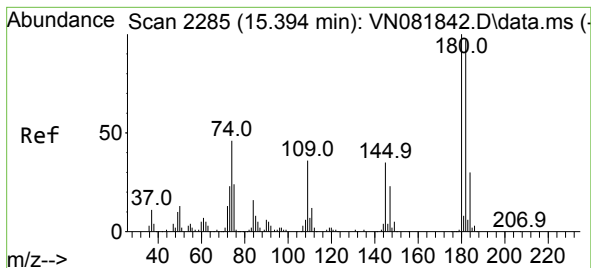
Tgt Ion:	146	Resp:	532538
Ion	Ratio	Lower	Upper
146	100		
111	49.9	21.3	64.0
148	62.7	31.8	95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 96.543 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. 0.000 min
 Lab File: VN081841.D
 Acq: 25 Apr 2024 10:21

Tgt Ion:	75	Resp:	105543
Ion	Ratio	Lower	Upper
75	100		
155	64.3	42.6	128.0
157	81.7	53.0	159.0





#93

1,2,4-Trichlorobenzene

Concen: 99.629 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN081841.D

Acq: 25 Apr 2024 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

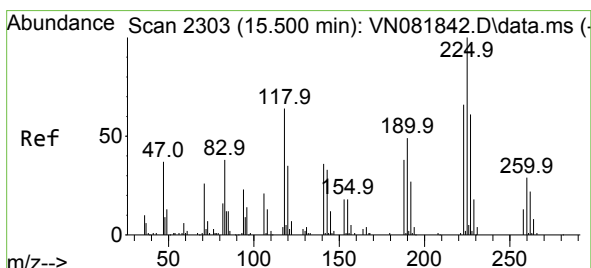
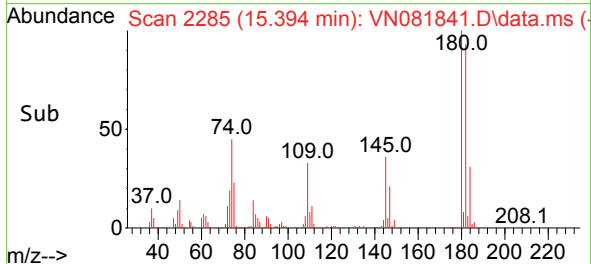
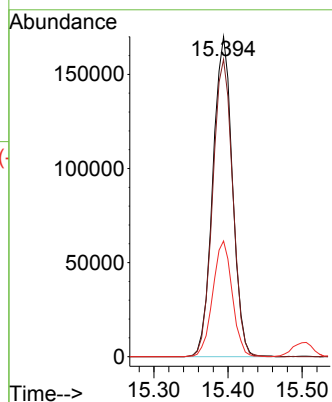
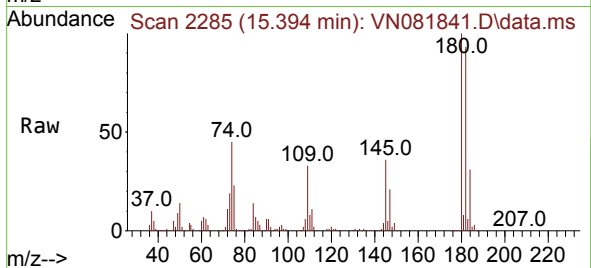
Tgt Ion:180 Resp: 311969

Ion Ratio Lower Upper

180 100

182 94.9 46.7 140.0

145 36.0 16.2 48.6



#94

Hexachlorobutadiene

Concen: 103.503 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN081841.D

Acq: 25 Apr 2024 10:21

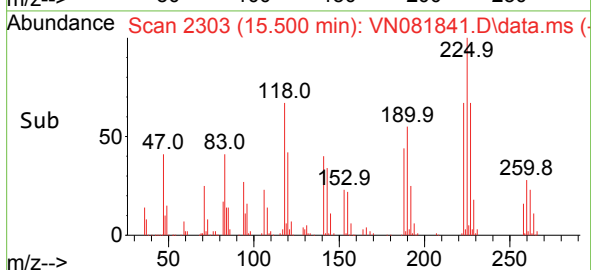
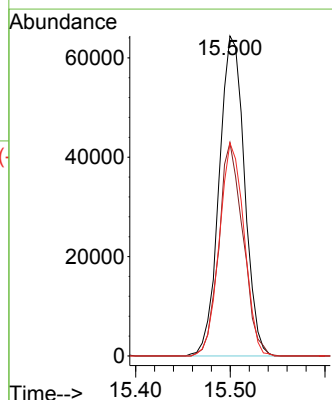
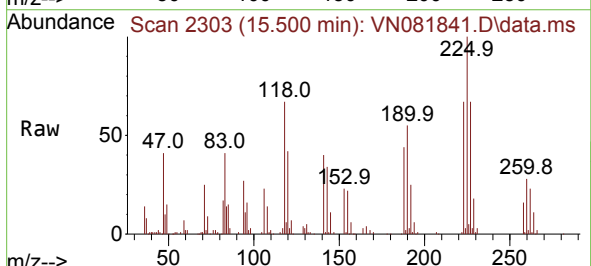
Tgt Ion:225 Resp: 119459

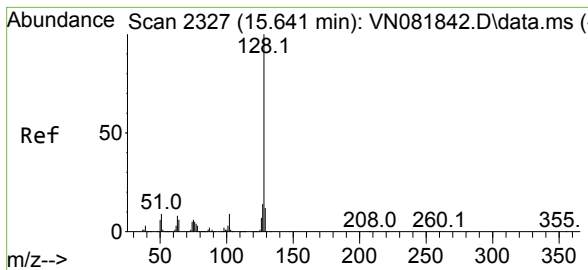
Ion Ratio Lower Upper

225 100

223 64.1 31.1 93.2

227 65.1 30.6 91.6

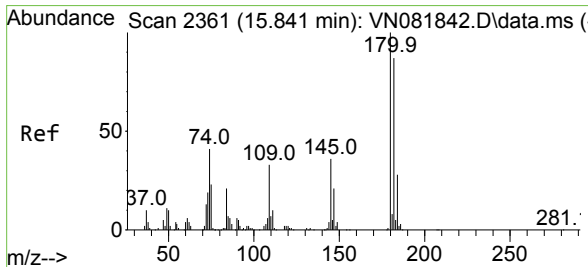
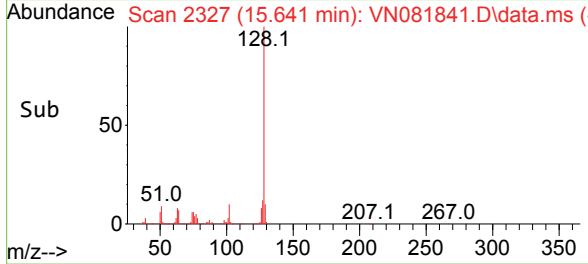
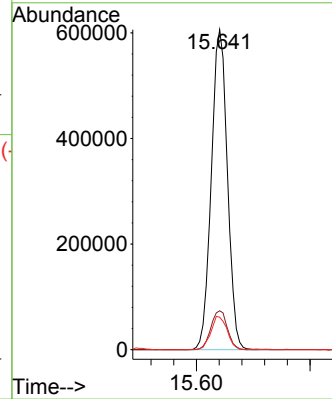
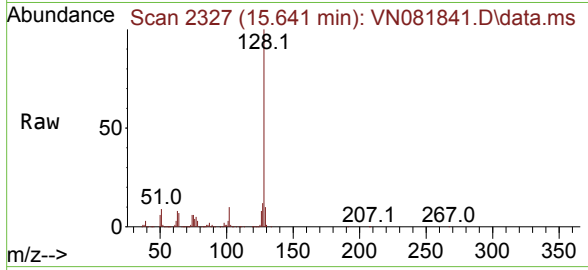




#95
Naphthalene
Concen: 100.232 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN081841.D
Acq: 25 Apr 2024 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 1185969
Ion Ratio Lower Upper
128 100
127 12.5 10.1 15.1
129 10.5 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 99.687 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN081841.D
Acq: 25 Apr 2024 10:21

Tgt Ion:180 Resp: 299699
Ion Ratio Lower Upper
180 100
182 95.5 46.0 137.8
145 39.2 17.1 51.3

