

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080724\
 Data File : VN083140.D
 Acq On : 07 Aug 2024 12:34
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Aug 08 06:19:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 05:50:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	202290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	347394	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	292647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	122922	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	3325	1.155	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	2.300%#
35) Dibromofluoromethane	8.171	113	2226	1.027	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	2.060%#
50) Toluene-d8	10.565	98	8474	1.048	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	2.100%#
62) 4-Bromofluorobenzene	12.847	95	3363	1.066	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	2.140%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	2193	0.956	ug/l	84
3) Chloromethane	2.365	50	2331	0.993	ug/l	96
4) Vinyl Chloride	2.512	62	2457	1.025	ug/l	94
5) Bromomethane	2.965	94	2004	1.348	ug/l #	63
6) Chloroethane	3.124	64	1763	1.176	ug/l #	54
7) Trichlorofluoromethane	3.495	101	3645	0.921	ug/l	88
8) Diethyl Ether	3.965	74	1368	0.929	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	2064	0.946	ug/l #	88
10) Methyl Iodide	4.589	142	2762	0.962	ug/l #	89
11) Tert butyl alcohol	5.530	59	2852	4.766	ug/l #	91
12) 1,1-Dichloroethene	4.342	96	2328	1.038	ug/l #	72
13) Acrolein	4.177	56	2688	6.892	ug/l #	74
14) Allyl chloride	5.018	41	4894	1.155	ug/l #	75
15) Acrylonitrile	5.724	53	6198	5.036	ug/l	94
16) Acetone	4.442	43	5369	4.765	ug/l	95
17) Carbon Disulfide	4.718	76	7603	1.159	ug/l	99
18) Methyl Acetate	5.036	43	3987	1.188	ug/l #	89
19) Methyl tert-butyl Ether	5.795	73	7900	0.976	ug/l	96
20) Methylene Chloride	5.283	84	3255	1.255	ug/l #	63
21) trans-1,2-Dichloroethene	5.783	96	2425	1.046	ug/l #	75
22) Diisopropyl ether	6.677	45	7871	0.988	ug/l	94
23) Vinyl Acetate	6.606	43	39044	4.783	ug/l #	94
24) 1,1-Dichloroethane	6.571	63	4189	0.965	ug/l #	83
25) 2-Butanone	7.495	43	9164	5.297	ug/l	93
26) 2,2-Dichloropropane	7.489	77	3741	0.928	ug/l	95
27) cis-1,2-Dichloroethene	7.495	96	2919	1.044	ug/l	90
28) Bromochloromethane	7.812	49	1883	1.061	ug/l #	92
29) Tetrahydrofuran	7.842	42	5490	4.909	ug/l #	87
30) Chloroform	7.971	83	4457	0.988	ug/l	95
31) Cyclohexane	8.230	56	4337	1.016	ug/l #	1
32) 1,1,1-Trichloroethane	8.171	97	4076	0.955	ug/l #	49
36) 1,1-Dichloropropene	8.377	75	3393	1.034	ug/l	97
37) Ethyl Acetate	7.565	43	4617	1.257	ug/l #	90
38) Carbon Tetrachloride	8.359	117	3422	0.926	ug/l #	84
39) Methylcyclohexane	9.600	83	3974	0.986	ug/l	87
40) Benzene	8.606	78	9334	0.955	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	2618	1.254	ug/l #	85
42) 1,2-Dichloroethane	8.677	62	3457	0.971	ug/l	82
43) Isopropyl Acetate	8.689	43	14981	0.753	ug/l #	80
44) Trichloroethene	9.359	130	2151	0.925	ug/l	98
45) 1,2-Dichloropropane	9.618	63	2194	0.946	ug/l	93
46) Dibromomethane	9.700	93	1513	0.911	ug/l	95
47) Bromodichloromethane	9.894	83	3783	1.015	ug/l #	83
48) Methyl methacrylate	9.683	41	3518	1.159	ug/l	96
49) 1,4-Dioxane	9.700	88	1089	19.880	ug/l #	77
51) 4-Methyl-2-Pentanone	10.447	43	15872	4.570	ug/l	90
52) Toluene	10.630	92	5723	0.927	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	3260	0.851	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	3797	0.932	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	1963	0.887	ug/l	96
56) Ethyl methacrylate	10.871	69	3843	0.921	ug/l #	90
57) 1,3-Dichloropropane	11.165	76	3837	0.973	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	8453	4.794	ug/l	93
59) 2-Hexanone	11.200	43	12761	4.749	ug/l	100
60) Dibromochloromethane	11.353	129	2283	0.853	ug/l	99
61) 1,2-Dibromoethane	11.465	107	2200	0.947	ug/l	98
64) Tetrachloroethene	11.106	164	1872	0.966	ug/l	93
65) Chlorobenzene	11.888	112	6259	0.968	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.965	131	2168	0.951	ug/l #	63
67) Ethyl Benzene	11.965	91	11455	0.966	ug/l	98
68) m/p-Xylenes	12.065	106	8266	1.860	ug/l	94
69) o-Xylene	12.400	106	4113	0.938	ug/l	98
70) Styrene	12.412	104	6441	0.875	ug/l	90
71) Bromoform	12.577	173	1561	0.903	ug/l #	88
73) Isopropylbenzene	12.694	105	10459	1.017	ug/l	99
74) N-amyl acetate	12.494	43	5755	1.144	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	3034	1.043	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	4307	1.594	ug/l	43
77) Bromobenzene	12.977	156	2212	0.969	ug/l	86
78) n-propylbenzene	13.029	91	11800	0.997	ug/l	99
79) 2-Chlorotoluene	13.124	91	7735	1.031	ug/l	90
80) 1,3,5-Trimethylbenzene	13.176	105	8552	0.994	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	1207	0.973	ug/l	83
82) 4-Chlorotoluene	13.224	91	8018	1.065	ug/l	93
83) tert-Butylbenzene	13.435	119	7628	1.001	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	8397	0.968	ug/l	100
85) sec-Butylbenzene	13.618	105	10411	1.001	ug/l	96
86) p-Isopropyltoluene	13.735	119	8247	0.960	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	4598	1.070	ug/l	97
88) 1,4-Dichlorobenzene	13.735	146	4598	1.061	ug/l	95
89) n-Butylbenzene	14.053	91	7008	0.942	ug/l	100
90) Hexachloroethane	14.335	117	1524	0.918	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	4279	1.029	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.718	75	763	1.081	ug/l	78
93) 1,2,4-Trichlorobenzene	15.394	180	2493	1.070	ug/l	97
94) Hexachlorobutadiene	15.512	225	1181	1.140	ug/l	92
95) Naphthalene	15.641	128	8430	1.021	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.835	180	2389	1.036	ug/l	96

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

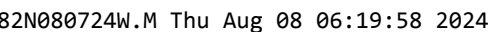
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

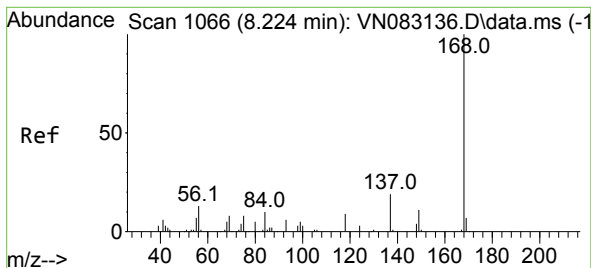
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Quant Title : SW846 8260
QLast Update : Thu Aug 08 05:50:26 2024
Response via : Initial Calibration

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

Quant Time: Aug 08 06:19:42 2024
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN083140.D

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Instrument :

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ClientSampleId :

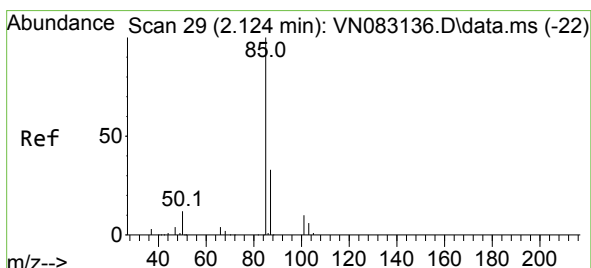
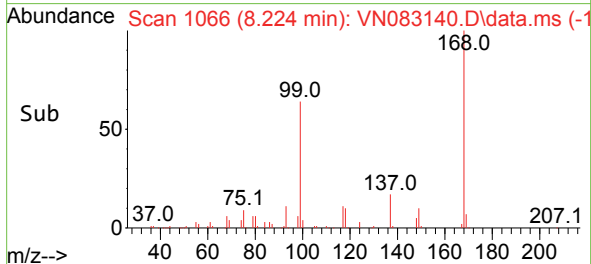
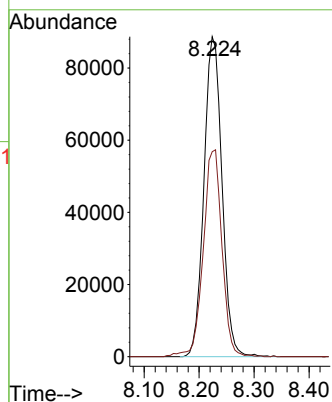
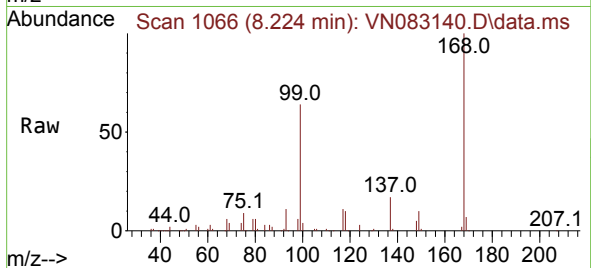
VSTDICC001

Tgt Ion:168 Resp: 202290

Ion Ratio Lower Upper

168 100

99 64.1 48.2 72.4



#2

Dichlorodifluoromethane

Concen: 0.956 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN083140.D

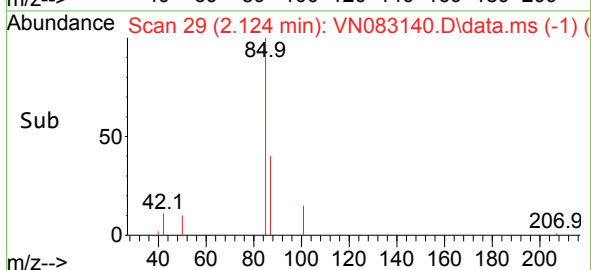
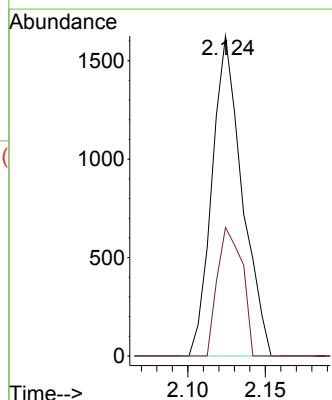
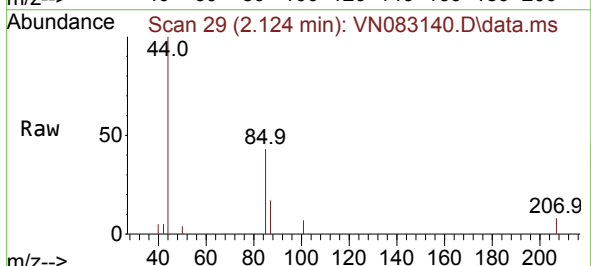
Acq: 07 Aug 2024 12:34

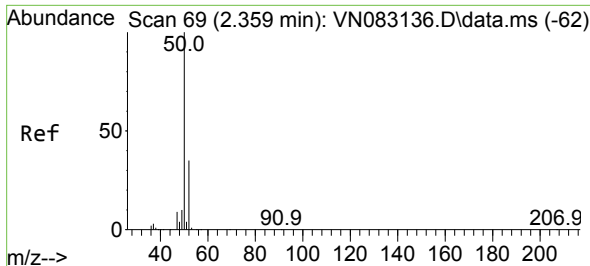
Tgt Ion: 85 Resp: 2193

Ion Ratio Lower Upper

85 100

87 40.2 15.7 47.0

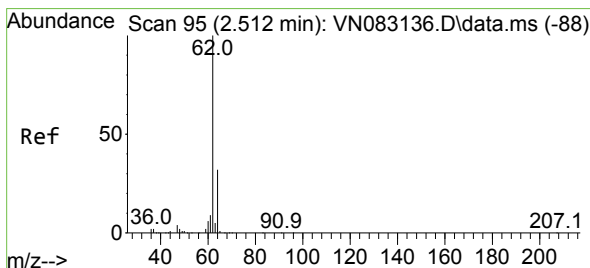
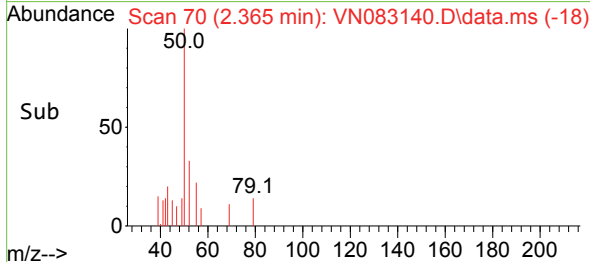
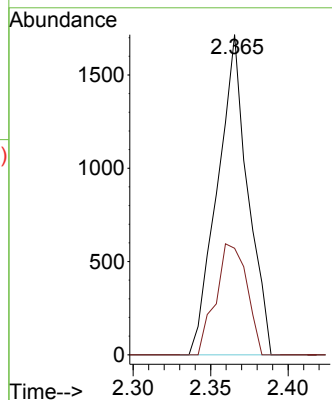
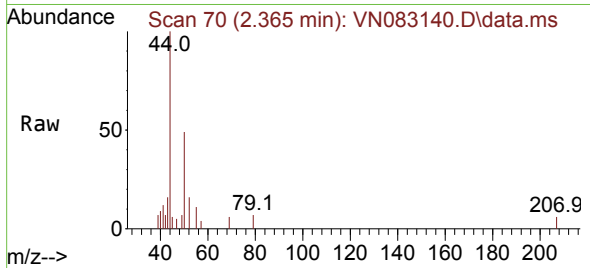




#3
Chloromethane
Concen: 0.993 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

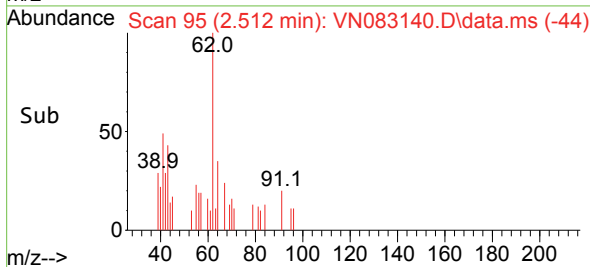
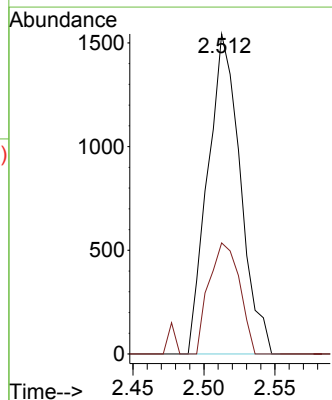
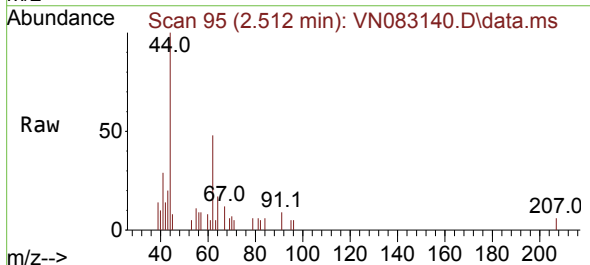
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

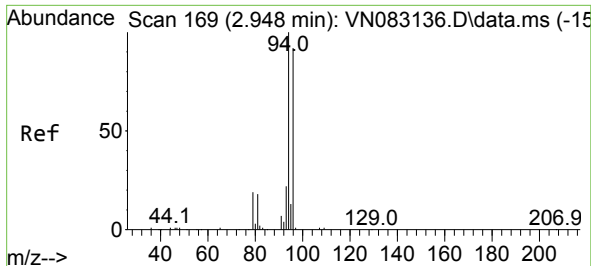
Tgt Ion: 50 Resp: 2331
Ion Ratio Lower Upper
50 100
52 33.3 25.0 37.4



#4
Vinyl Chloride
Concen: 1.025 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

Tgt Ion: 62 Resp: 2457
Ion Ratio Lower Upper
62 100
64 34.7 25.0 37.6

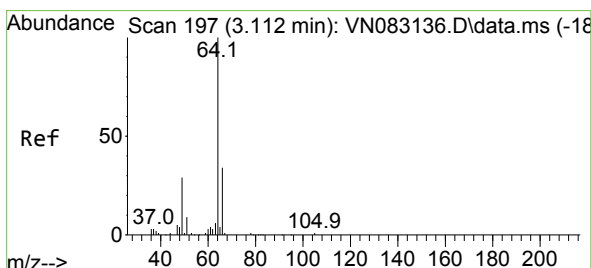
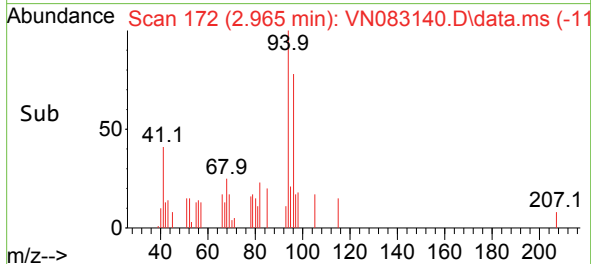
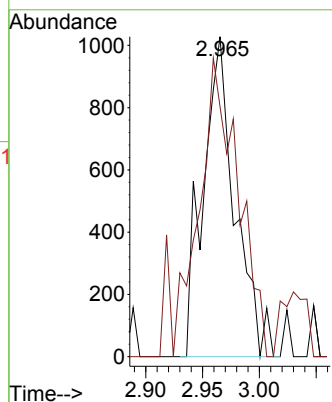
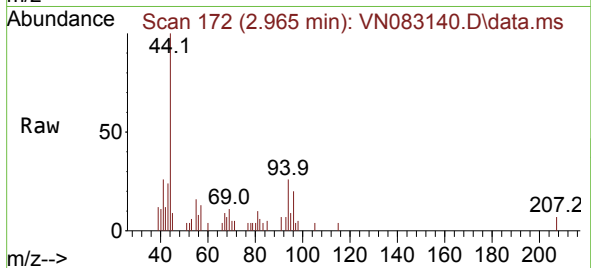




#5
Bromomethane
Concen: 1.348 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

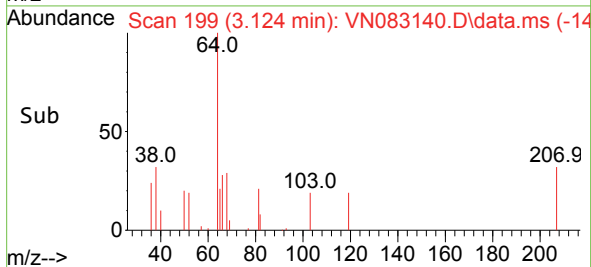
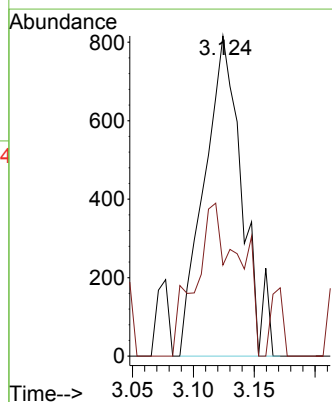
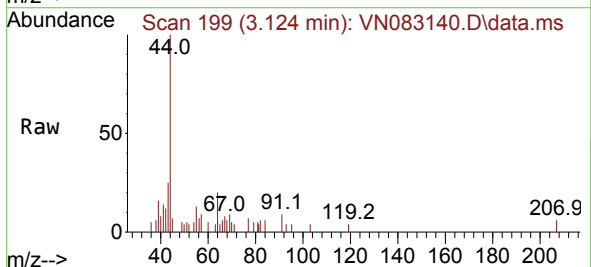
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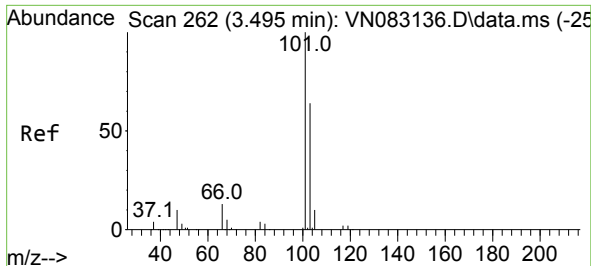
Tgt Ion: 94 Resp: 2004
Ion Ratio Lower Upper
94 100
96 60.7 78.0 117.0#



#6
Chloroethane
Concen: 1.176 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

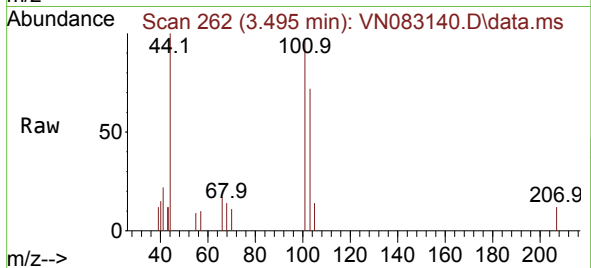
Tgt Ion: 64 Resp: 1763
Ion Ratio Lower Upper
64 100
66 7.1 26.6 40.0#



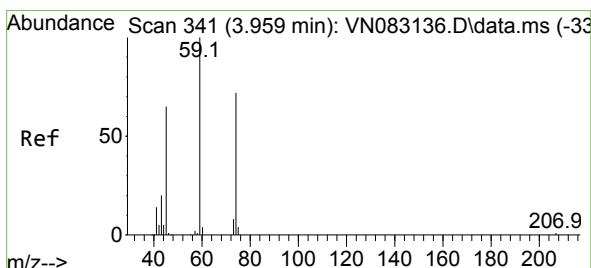
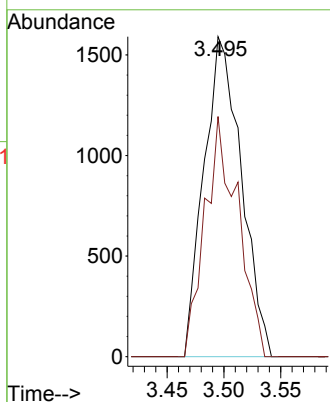
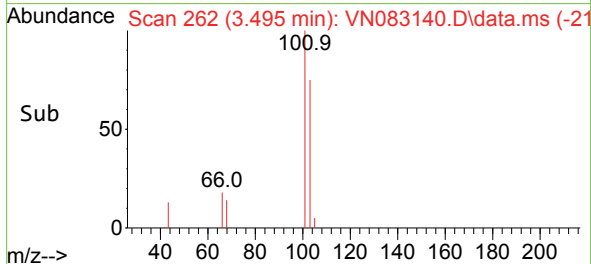


#7
Trichlorofluoromethane
Concen: 0.921 ug/l
RT: 3.495 min Scan# 262
Delta R.T. -0.000 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

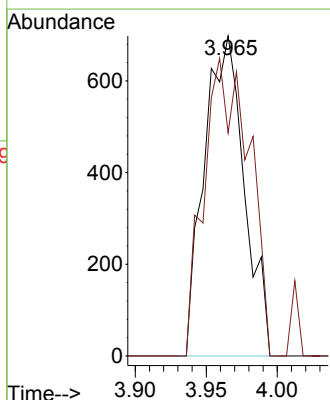
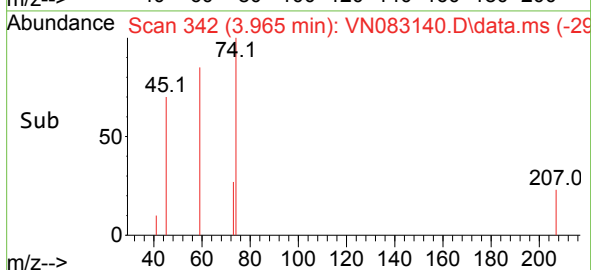
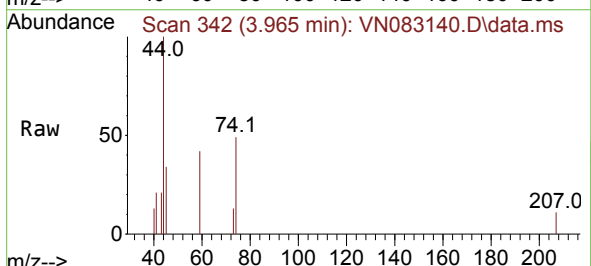


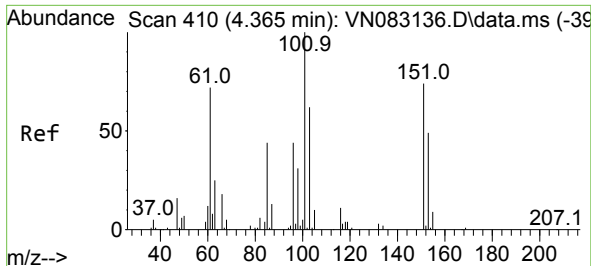
Tgt Ion:101 Resp: 3645
Ion Ratio Lower Upper
101 100
103 75.0 52.7 79.1



#8
Diethyl Ether
Concen: 0.929 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

Tgt Ion: 74 Resp: 1368
Ion Ratio Lower Upper
74 100
45 105.1 55.5 166.3

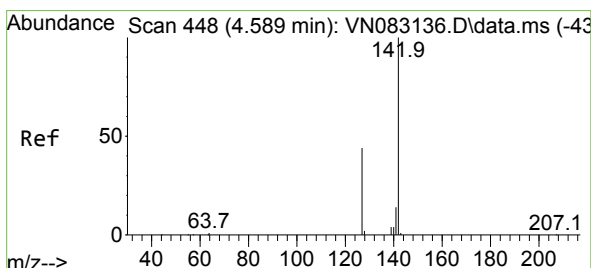
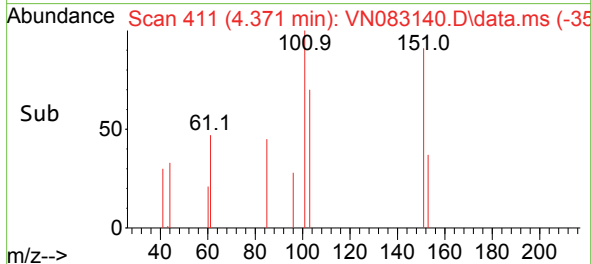
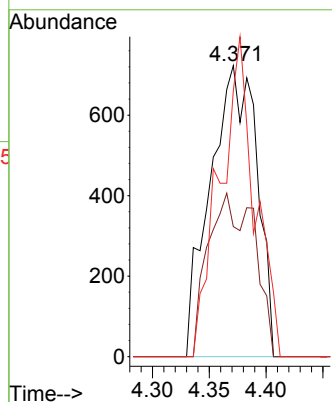
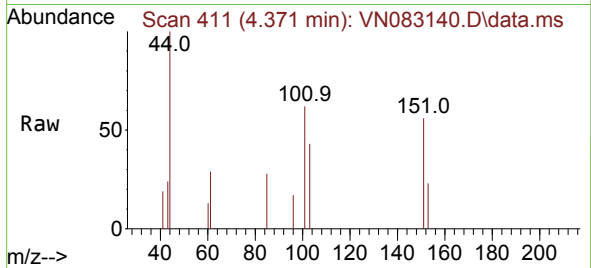




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.946 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

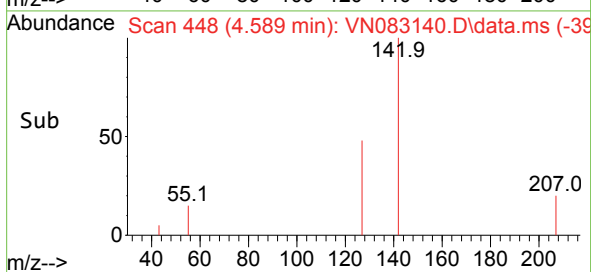
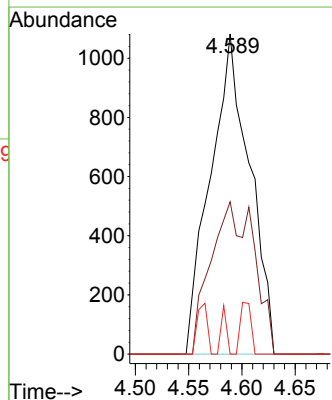
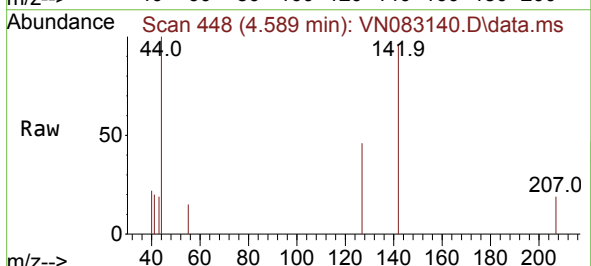
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

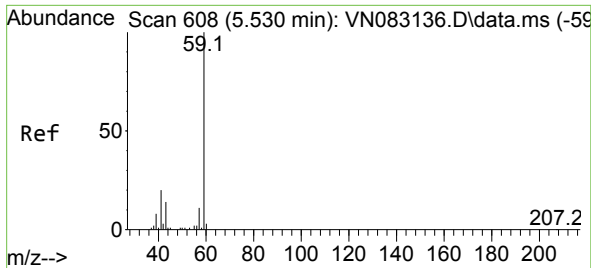
Tgt Ion:101 Resp: 2064
Ion Ratio Lower Upper
101 100
85 37.3 38.3 57.5#
151 82.8 59.3 88.9



#10
Methyl Iodide
Concen: 0.962 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

Tgt Ion:142 Resp: 2762
Ion Ratio Lower Upper
142 100
127 47.6 37.5 56.3
141 0.0 13.1 19.7#

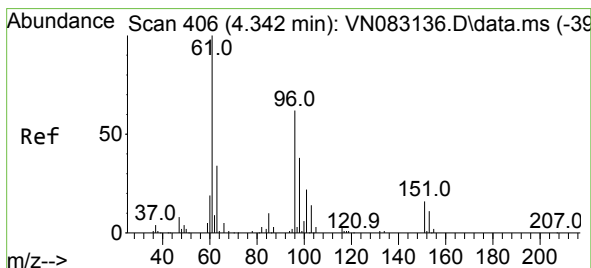
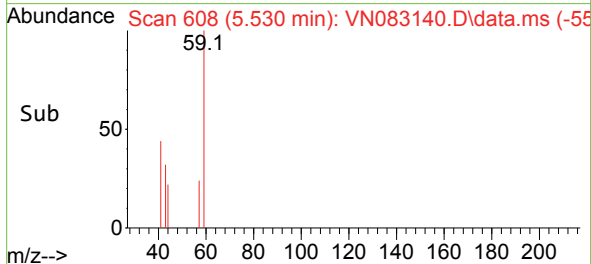
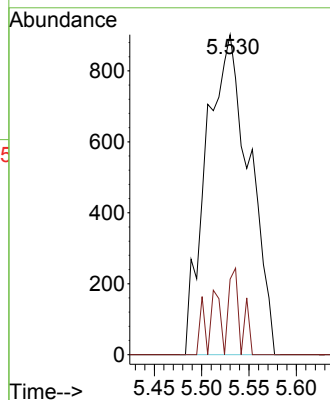
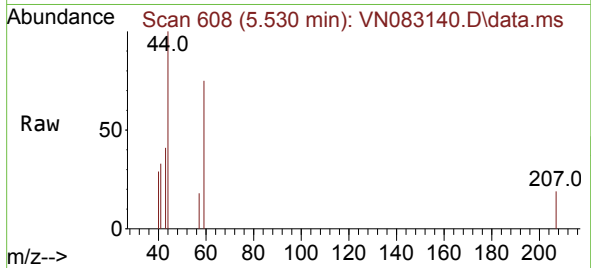




#11
Tert butyl alcohol
Concen: 4.766 ug/l
RT: 5.530 min Scan# 608
Delta R.T. 0.000 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

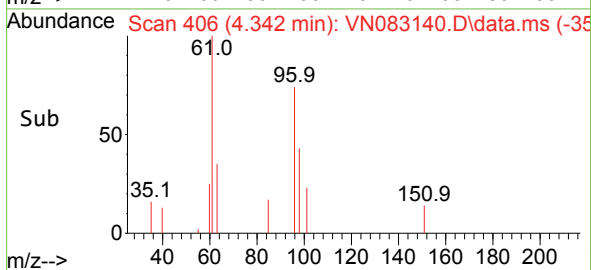
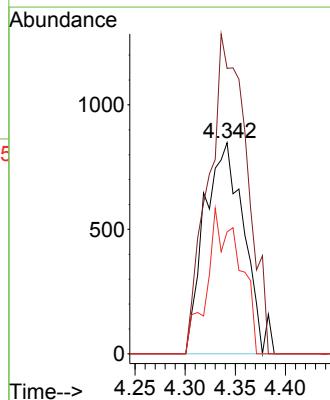
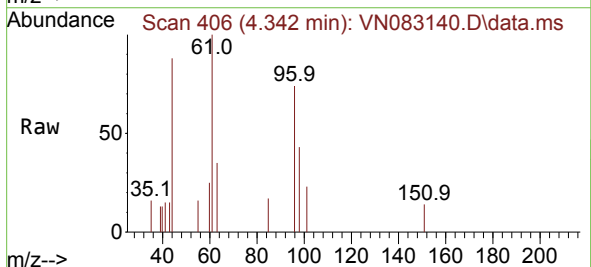
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

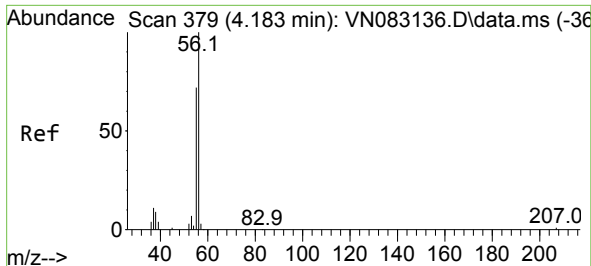
Tgt Ion: 59 Resp: 2852
Ion Ratio Lower Upper
59 100
57 7.6 8.9 13.3#



#12
1,1-Dichloroethene
Concen: 1.038 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

Tgt Ion: 96 Resp: 2328
Ion Ratio Lower Upper
96 100
61 135.3 149.7 224.5#
98 57.8 50.1 75.1

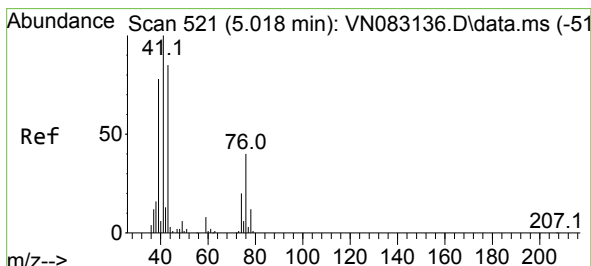
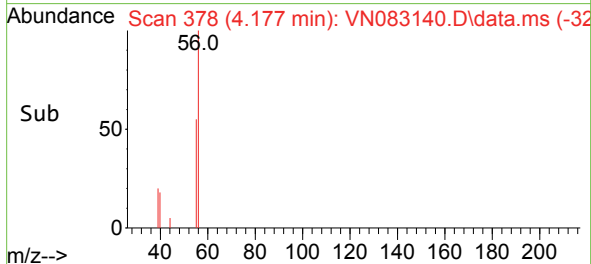
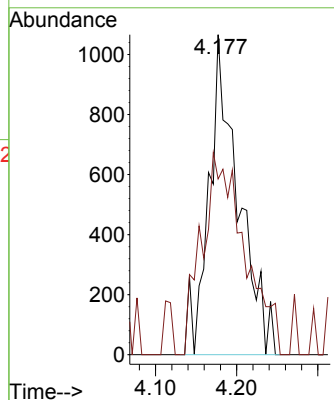
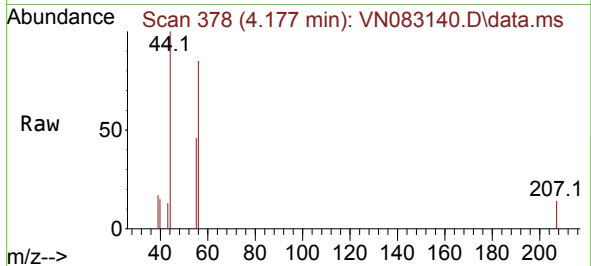




#13
Acrolein
Concen: 6.892 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

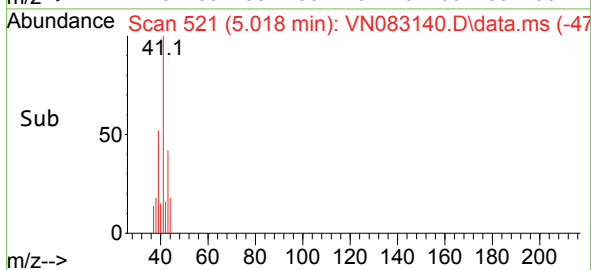
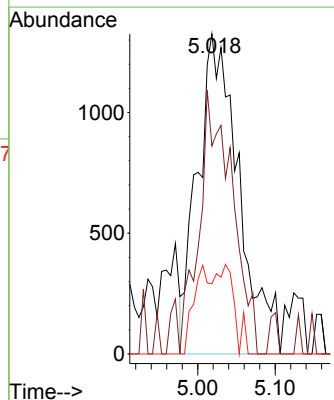
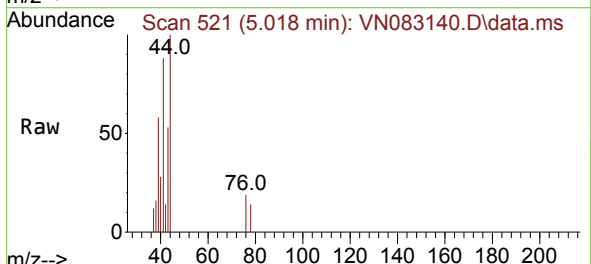
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 56 Resp: 2688
Ion Ratio Lower Upper
56 100
55 91.9 56.4 84.6#



#14
Allyl chloride
Concen: 1.155 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

Tgt Ion: 41 Resp: 4894
Ion Ratio Lower Upper
41 100
39 65.9 67.8 101.6#
76 11.9 25.8 38.8#

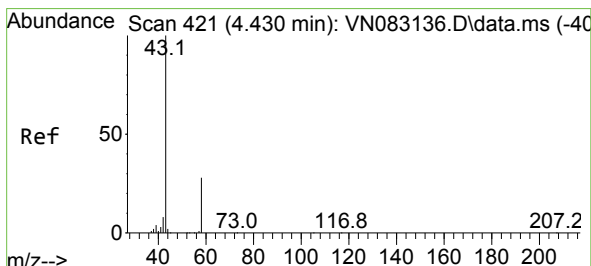
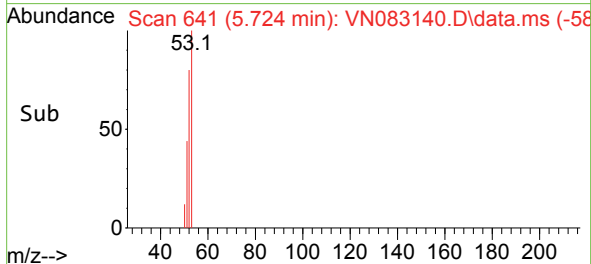
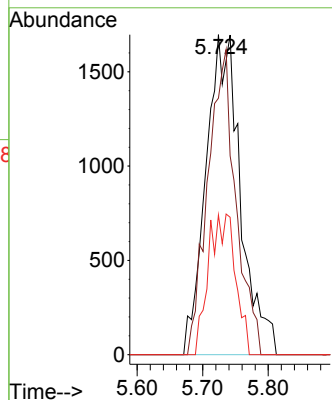
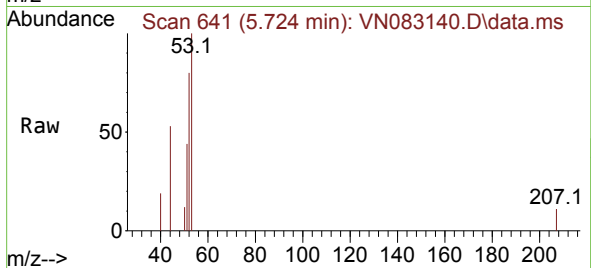




#15
Acrylonitrile
Concen: 5.036 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

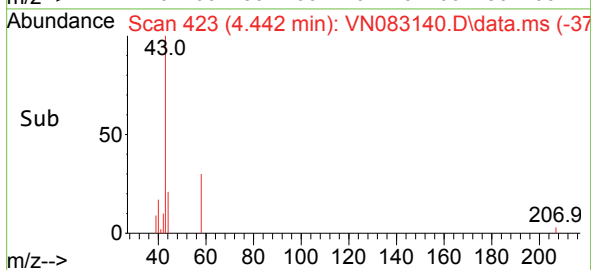
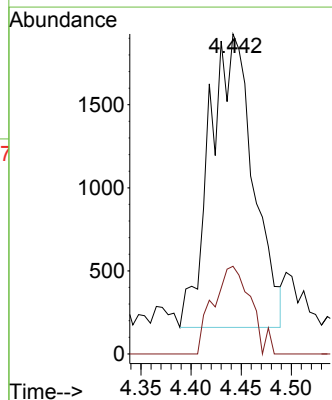
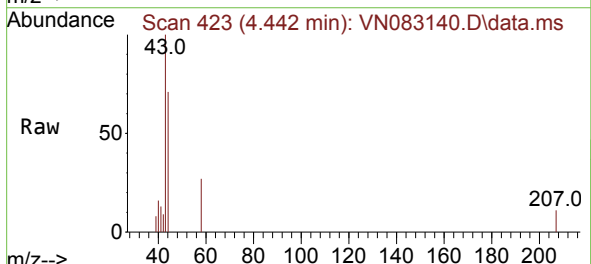
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

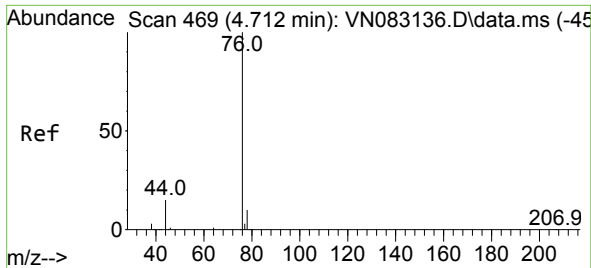
Tgt Ion:	53	Resp:	6198
Ion	Ratio	Lower	Upper
53	100		
52	77.5	66.6	100.0
51	34.3	30.1	45.1



#16
Acetone
Concen: 4.765 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

Tgt Ion:	43	Resp:	5369
Ion	Ratio	Lower	Upper
43	100		
58	29.9	21.8	32.6





#17

Carbon Disulfide

Concen: 1.159 ug/l

RT: 4.718 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN083140.D

Acq: 07 Aug 2024 12:34

Instrument :

MSVOA_N

ClientSampleId :

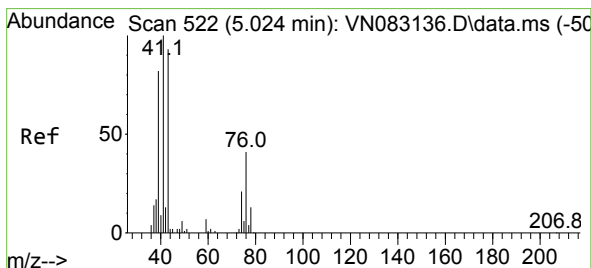
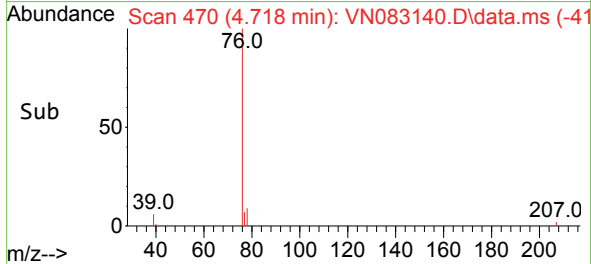
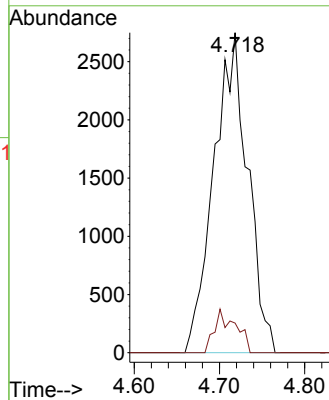
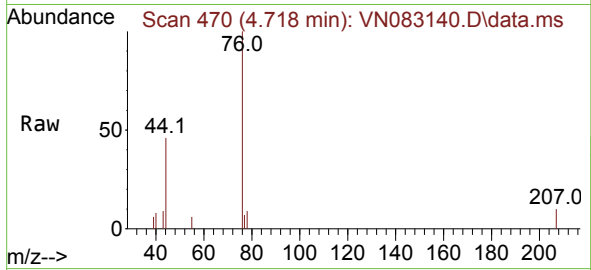
VSTDICC001

Tgt Ion: 76 Resp: 7603

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8



#18

Methyl Acetate

Concen: 1.188 ug/l

RT: 5.036 min Scan# 524

Delta R.T. 0.012 min

Lab File: VN083140.D

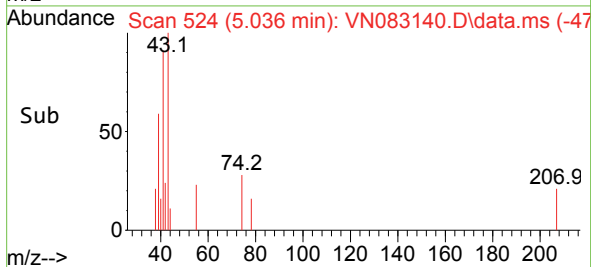
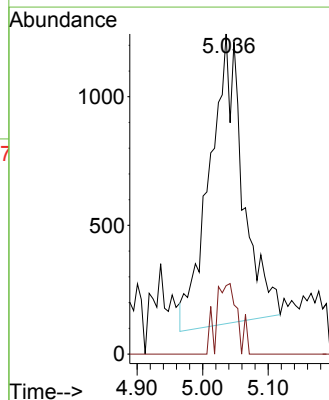
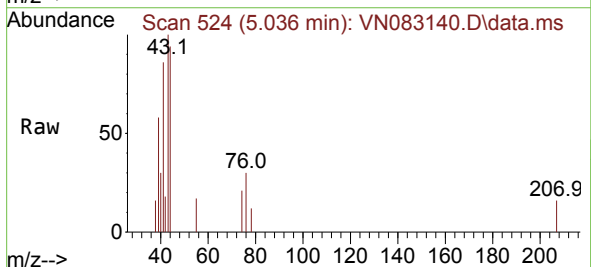
Acq: 07 Aug 2024 12:34

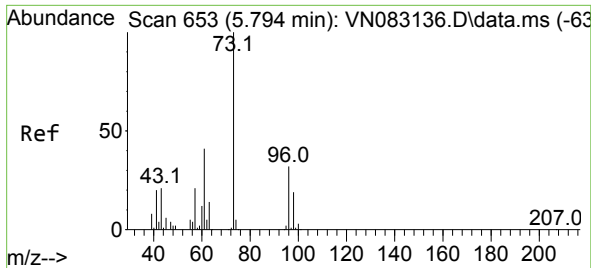
Tgt Ion: 43 Resp: 3987

Ion Ratio Lower Upper

43 100

74 15.5 16.3 24.5#

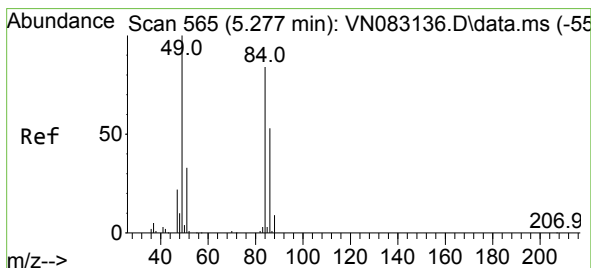
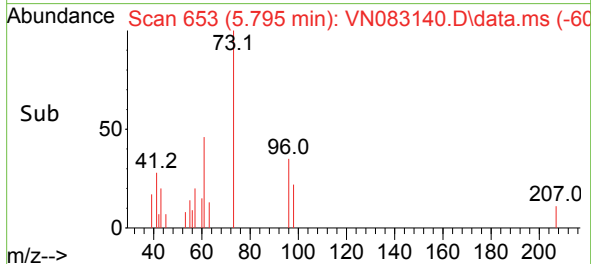
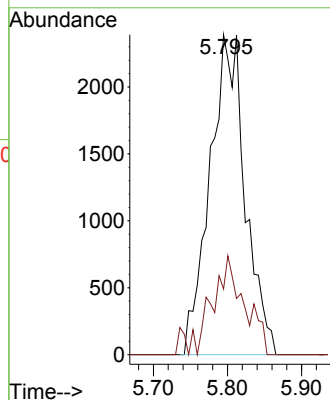
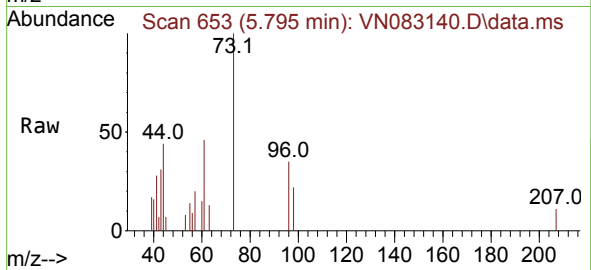




#19
Methyl tert-butyl Ether
Concen: 0.976 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

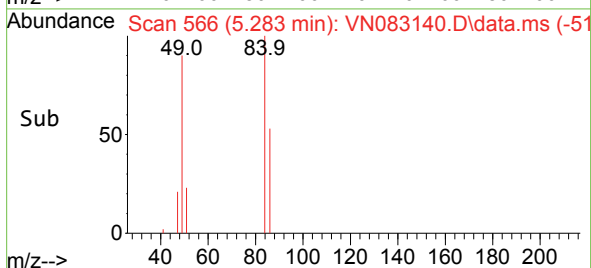
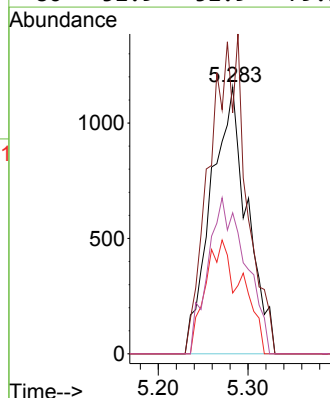
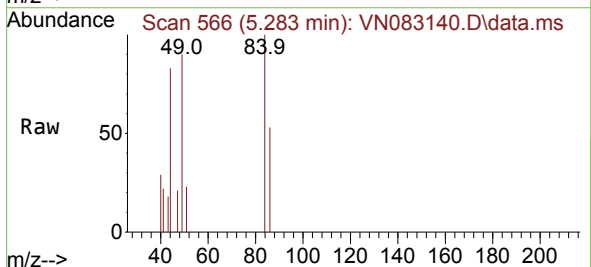
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

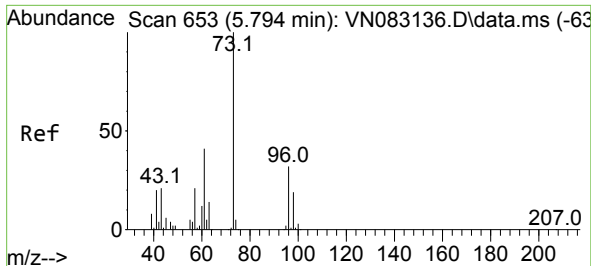
Tgt Ion: 73 Resp: 7900
Ion Ratio Lower Upper
73 100
57 20.5 17.9 26.9



#20
Methylene Chloride
Concen: 1.255 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

Tgt Ion: 84 Resp: 3255
Ion Ratio Lower Upper
84 100
49 90.3 119.6 179.4#
51 22.8 34.8 52.2#
86 52.9 52.9 79.3#

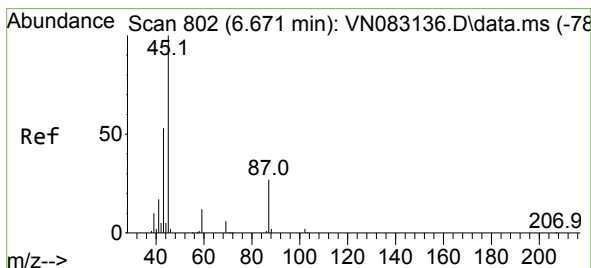
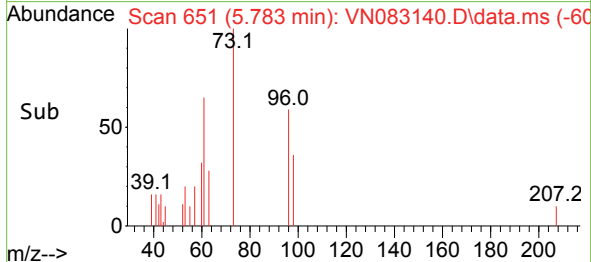
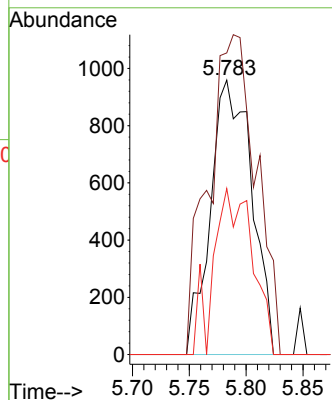
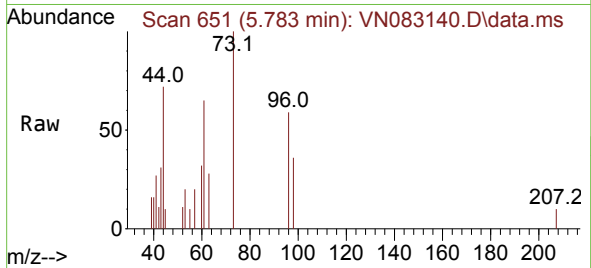




#21
trans-1,2-Dichloroethene
Concen: 1.046 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

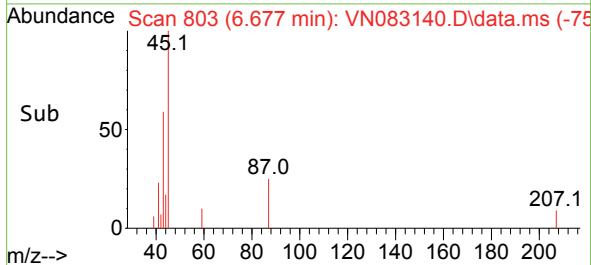
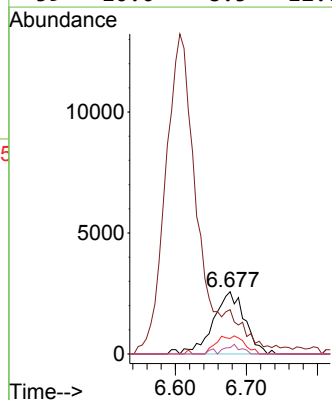
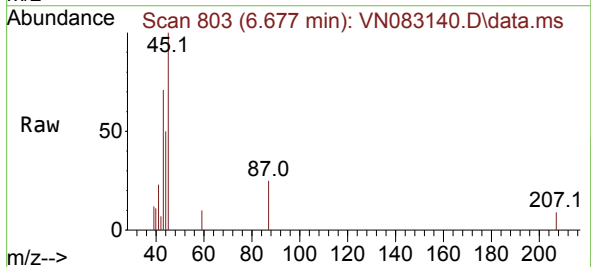
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

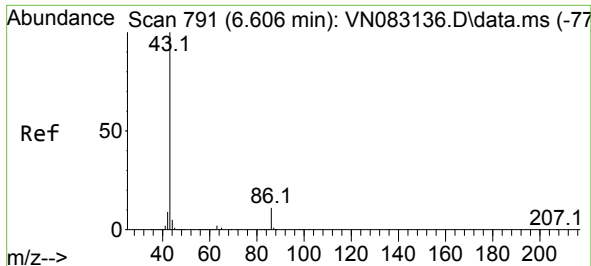
Tgt Ion: 96 Resp: 2425
Ion Ratio Lower Upper
96 100
61 109.9 123.4 185.2#
98 60.5 49.3 73.9



#22
Diisopropyl ether
Concen: 0.988 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

Tgt Ion: 45 Resp: 7871
Ion Ratio Lower Upper
45 100
43 61.5 44.0 66.0
87 24.9 19.7 29.5
59 10.0 8.5 12.7

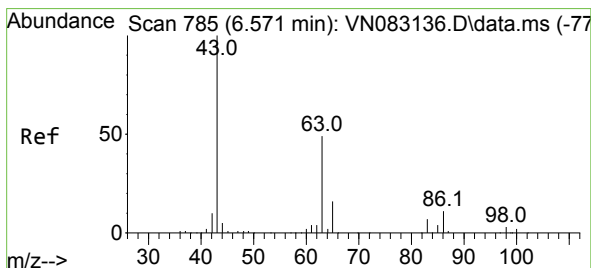
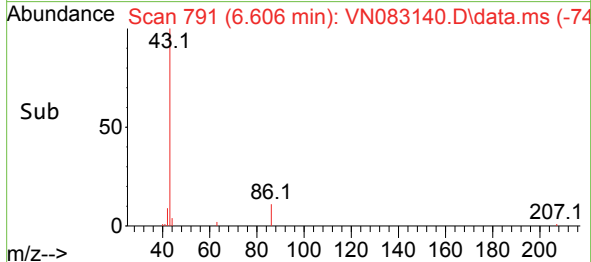
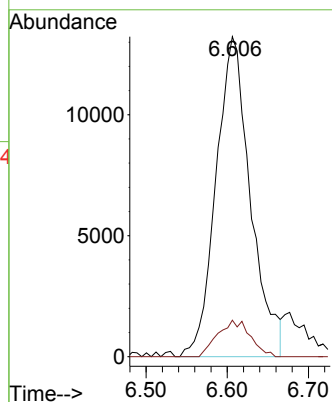
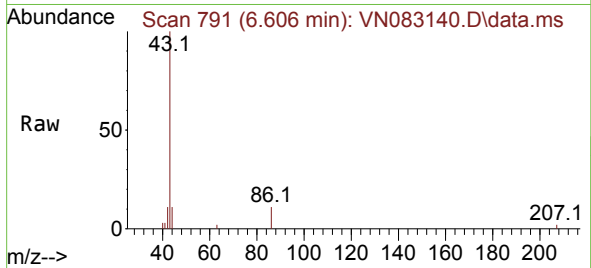




#23
 Vinyl Acetate
 Concen: 4.783 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN083140.D
 Acq: 07 Aug 2024 12:34

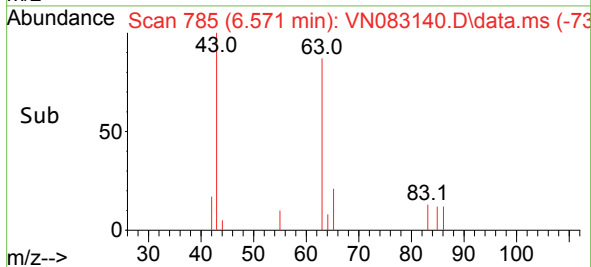
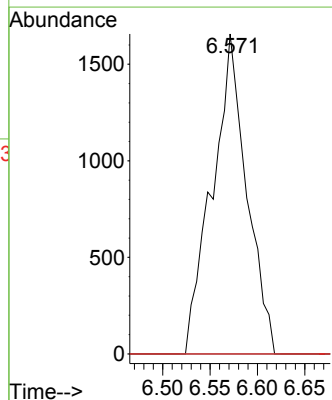
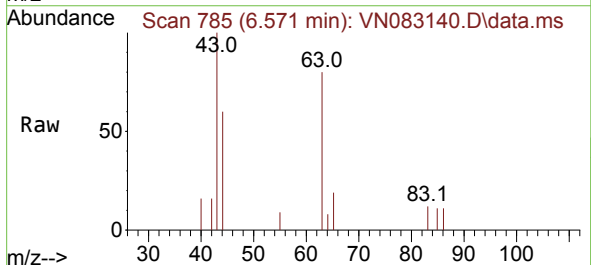
Instrument :
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 ClientSampleId :
 VSTDIC001

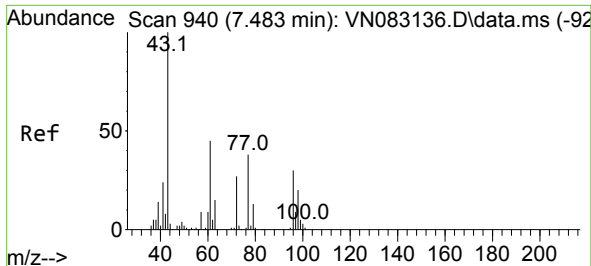
Tgt Ion: 43 Resp: 39044
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.3 10.9#



#24
 1,1-Dichloroethane
 Concen: 0.965 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN083140.D
 Acq: 07 Aug 2024 12:34

Tgt Ion: 63 Resp: 4189
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.3 9.9#
 100 0.0 2.0 6.0#

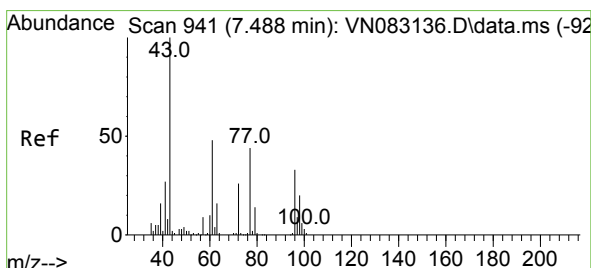
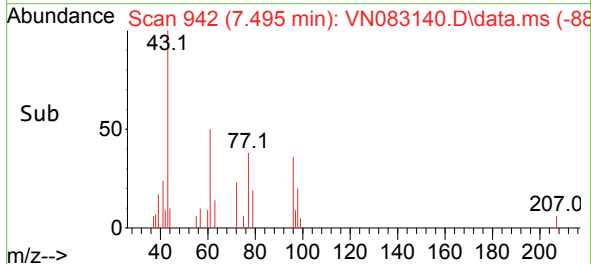
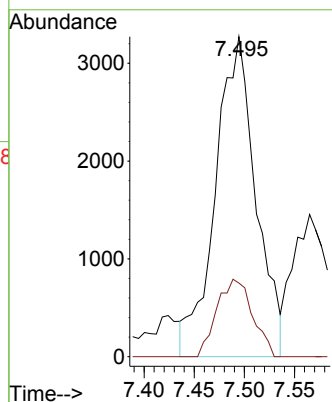
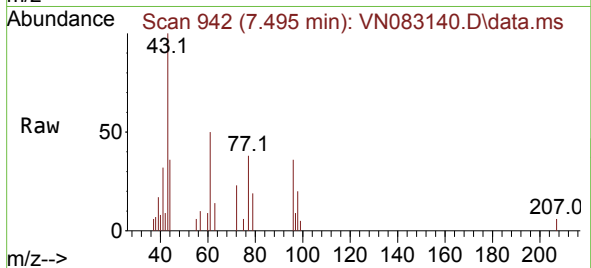




#25
2-Butanone
Concen: 5.297 ug/l
RT: 7.495 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

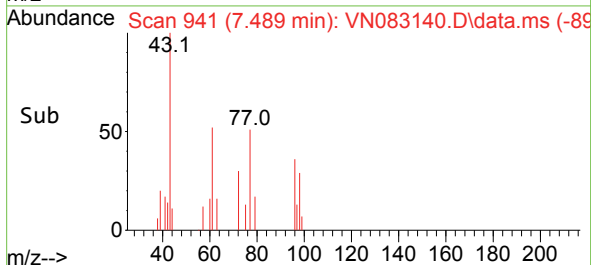
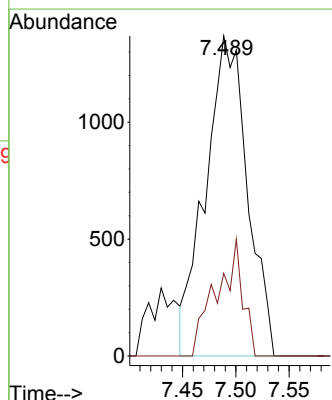
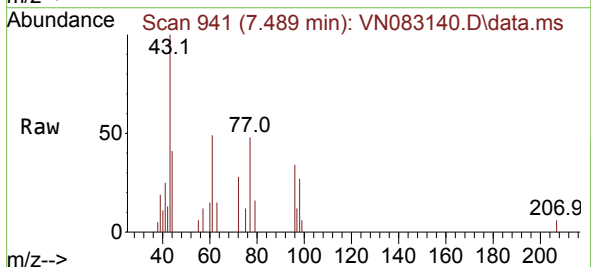
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

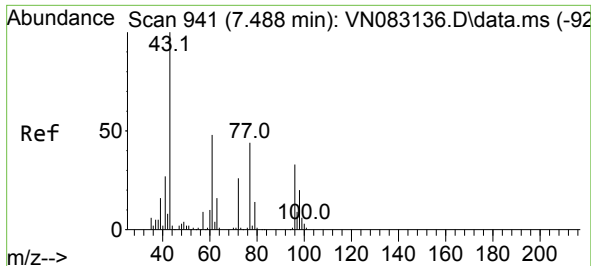
Tgt Ion: 43 Resp: 9164
Ion Ratio Lower Upper
43 100
72 25.9 18.2 27.2



#26
2,2-Dichloropropane
Concen: 0.928 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

Tgt Ion: 77 Resp: 3741
Ion Ratio Lower Upper
77 100
97 22.9 10.3 30.9

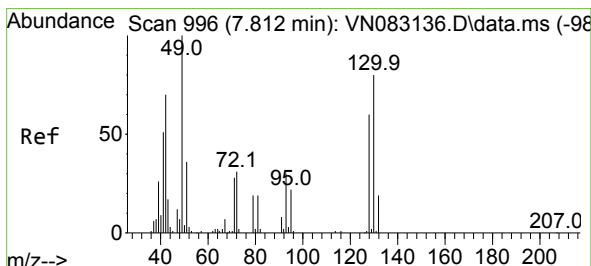
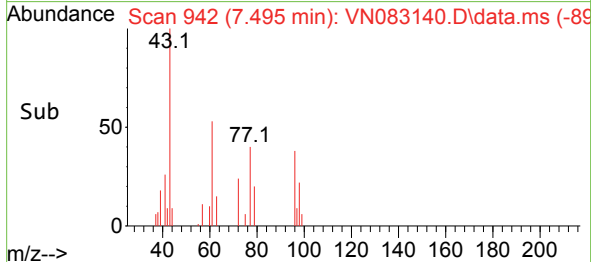
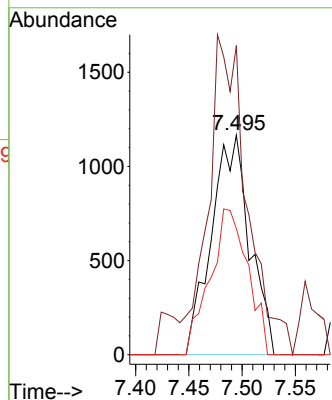
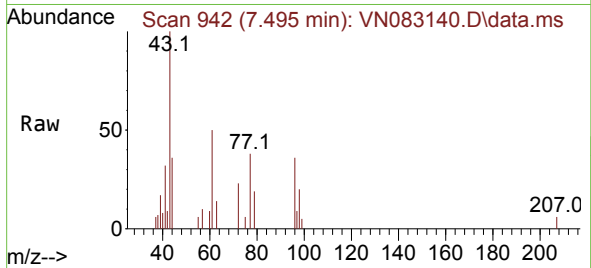




#27
 cis-1,2-Dichloroethene
 Concen: 1.044 ug/l
 RT: 7.495 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN083140.D
 Acq: 07 Aug 2024 12:34

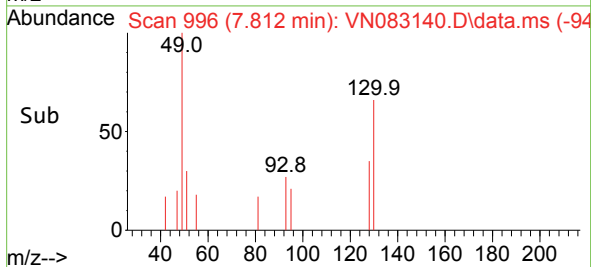
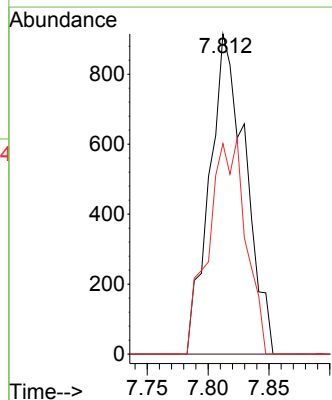
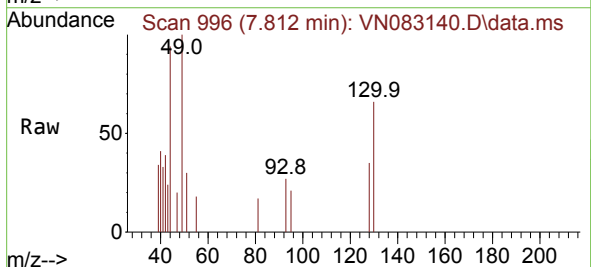
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

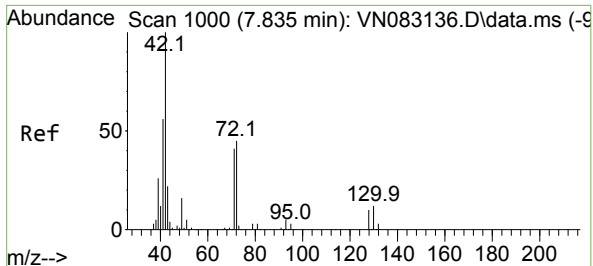
Tgt Ion: 96 Resp: 2919
 Ion Ratio Lower Upper
 96 100
 61 146.7 0.0 329.6
 98 65.4 0.0 128.6



#28
 Bromochloromethane
 Concen: 1.061 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN083140.D
 Acq: 07 Aug 2024 12:34

Tgt Ion: 49 Resp: 1883
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 69.5 50.5 75.7





#29

Tetrahydrofuran

Concen: 4.909 ug/l

RT: 7.842 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN083140.D

Acq: 07 Aug 2024 12:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

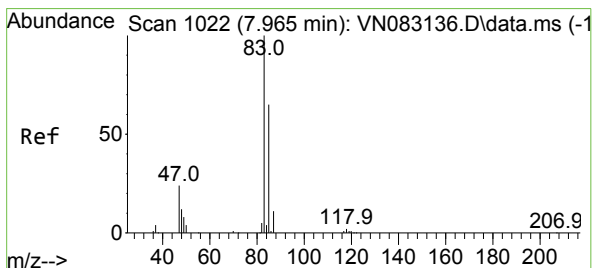
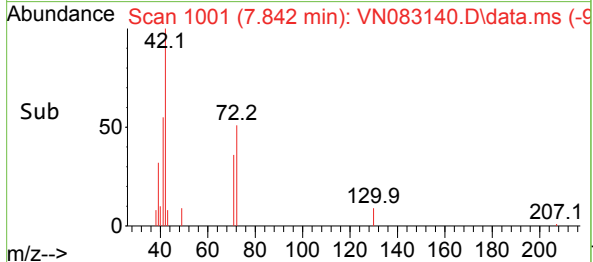
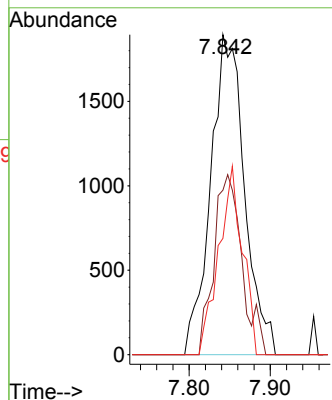
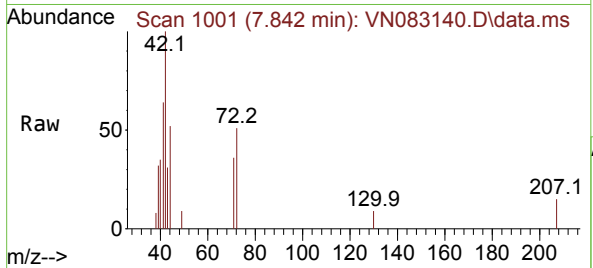
Tgt Ion: 42 Resp: 5490

Ion Ratio Lower Upper

42 100

72 46.5 30.0 45.0#

71 41.2 28.3 42.5



#30

Chloroform

Concen: 0.988 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN083140.D

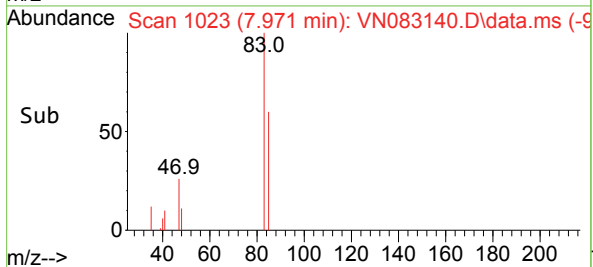
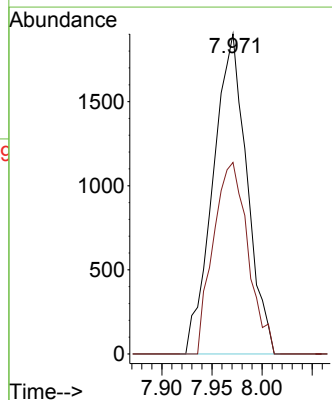
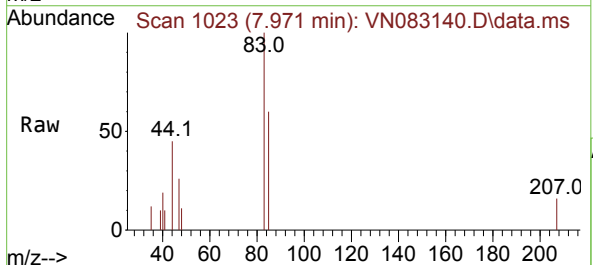
Acq: 07 Aug 2024 12:34

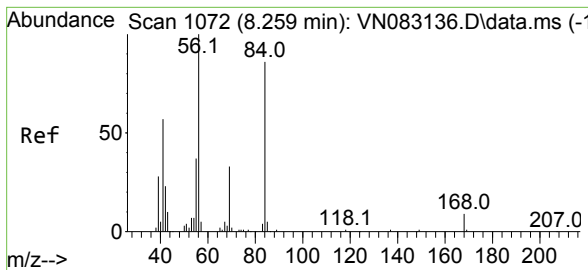
Tgt Ion: 83 Resp: 4457

Ion Ratio Lower Upper

83 100

85 59.8 50.9 76.3

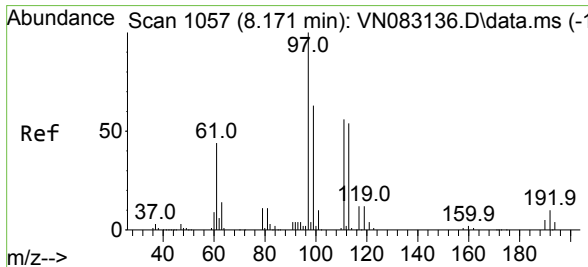
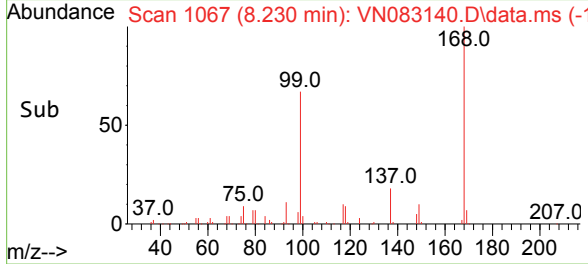
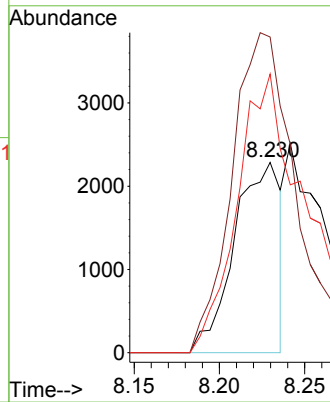
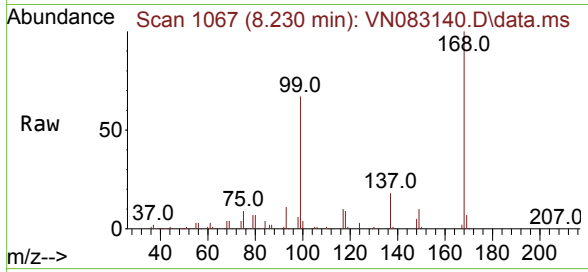




#31
Cyclohexane
Concen: 1.016 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

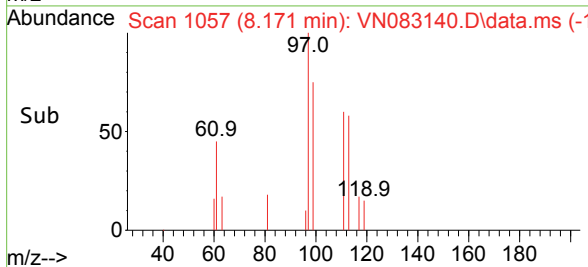
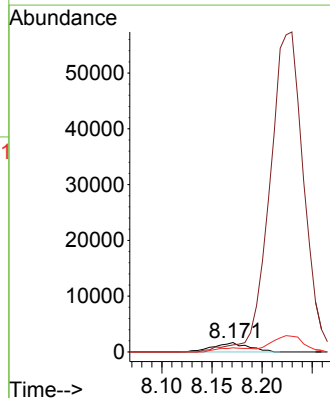
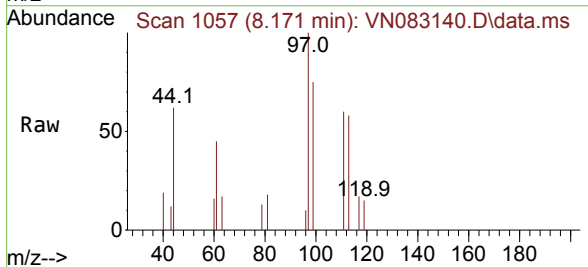
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

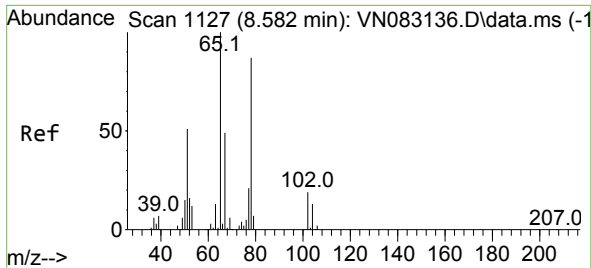
Tgt Ion: 56 Resp: 4337
Ion Ratio Lower Upper
56 100
69 165.9 24.5 36.7#
84 146.5 66.0 99.0#



#32
1,1,1-Trichloroethane
Concen: 0.955 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

Tgt Ion: 97 Resp: 4076
Ion Ratio Lower Upper
97 100
99 0.0 52.0 78.0#
61 44.6 42.1 63.1

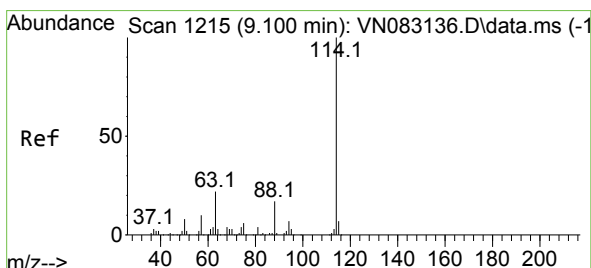
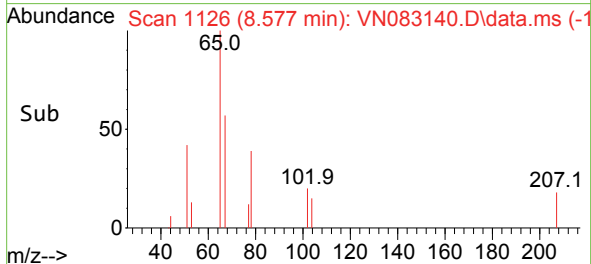
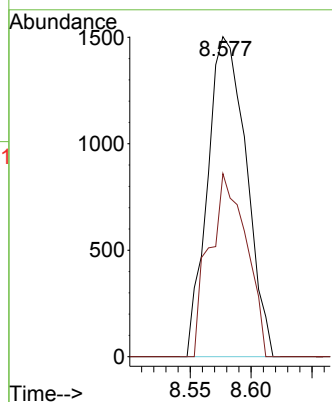
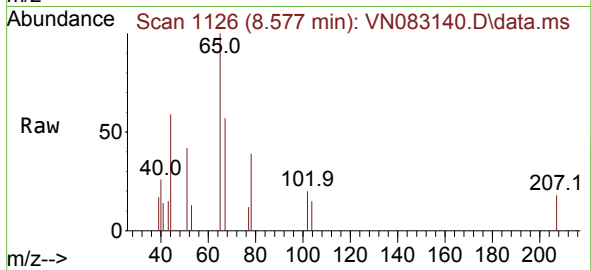




#33
 1,2-Dichloroethane-d4
 Concen: 1.155 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VN083140.D
 Acq: 07 Aug 2024 12:34

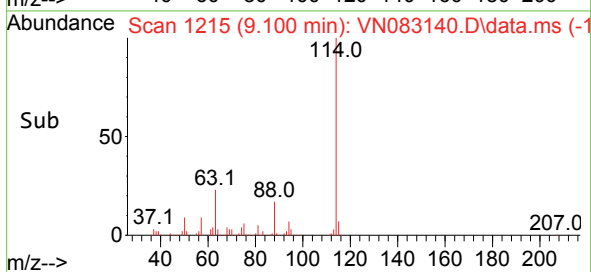
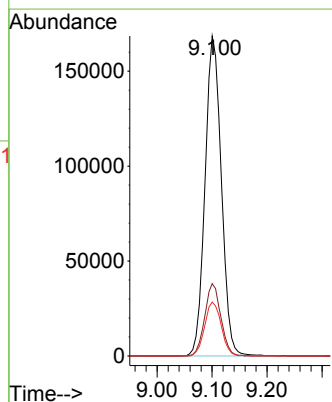
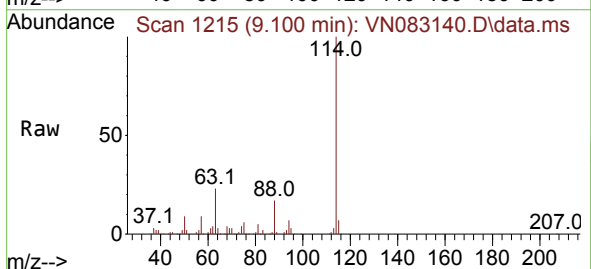
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

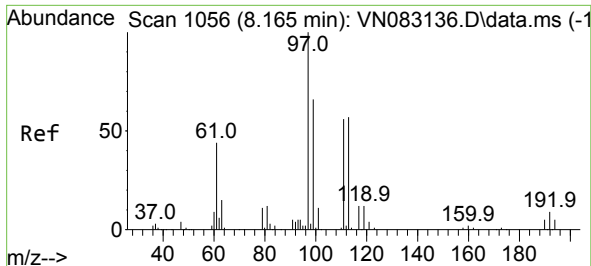
Tgt Ion: 65 Resp: 3325
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN083140.D
 Acq: 07 Aug 2024 12:34

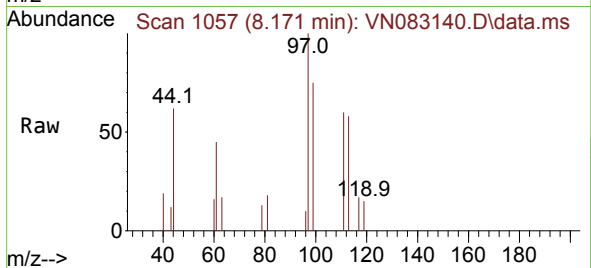
Tgt Ion: 114 Resp: 347394
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 44.6
 88 16.9 0.0 31.4



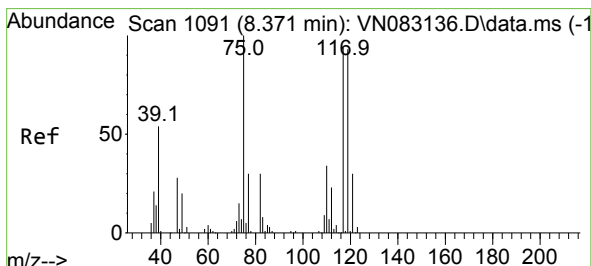
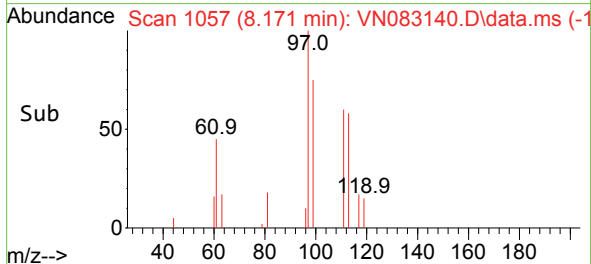
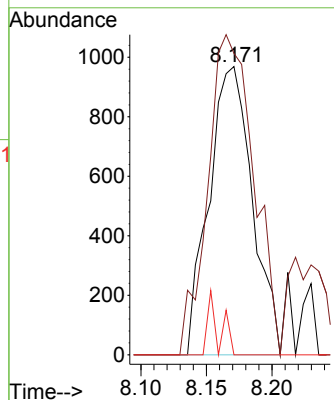


#35
Dibromofluoromethane
Concen: 1.027 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

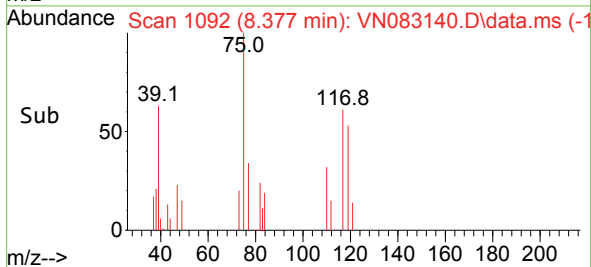
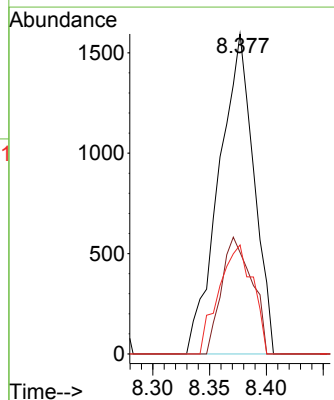
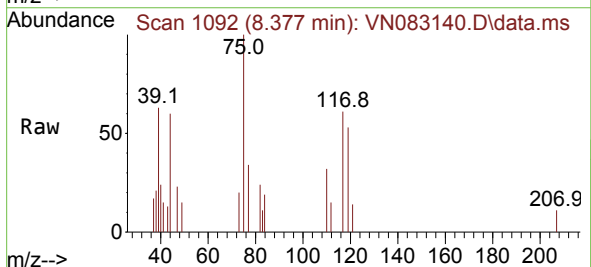


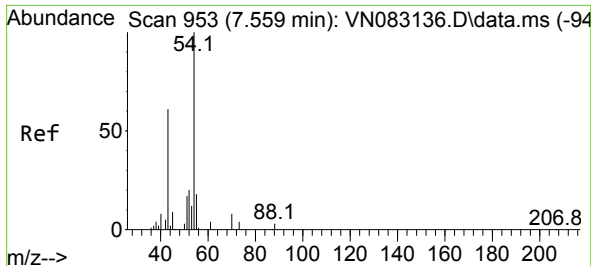
Tgt Ion:113 Resp: 2226
Ion Ratio Lower Upper
113 100
111 118.0 82.4 123.6
192 5.8 14.9 22.3#



#36
1,1-Dichloropropene
Concen: 1.034 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

Tgt Ion: 75 Resp: 3393
Ion Ratio Lower Upper
75 100
110 32.0 16.3 48.9
77 33.3 24.6 37.0

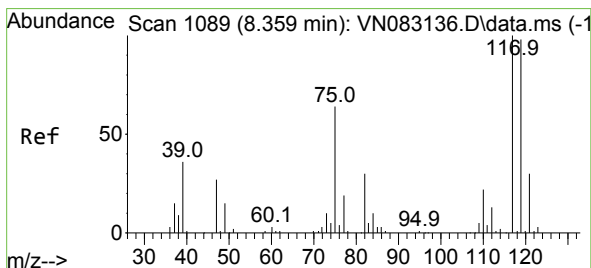
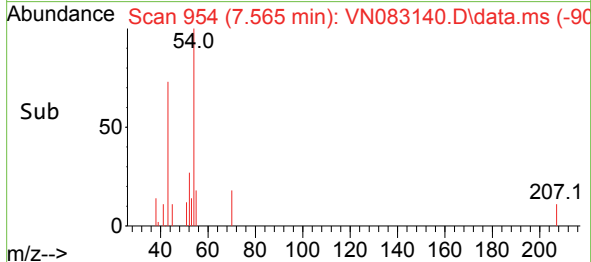
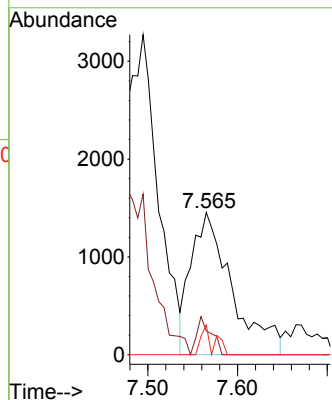
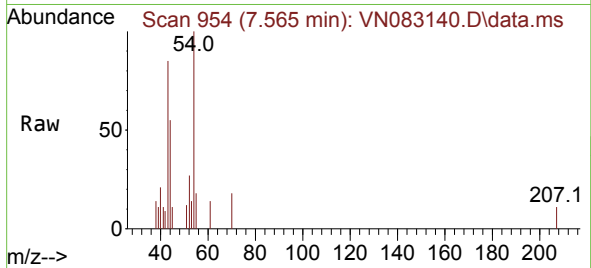




#37
Ethyl Acetate
Concen: 1.257 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

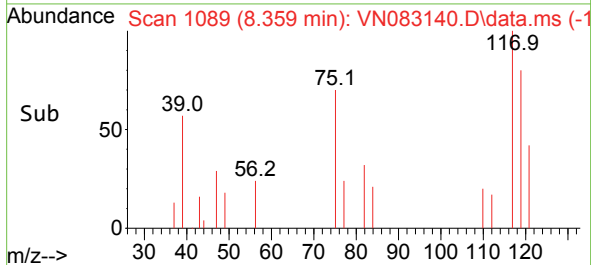
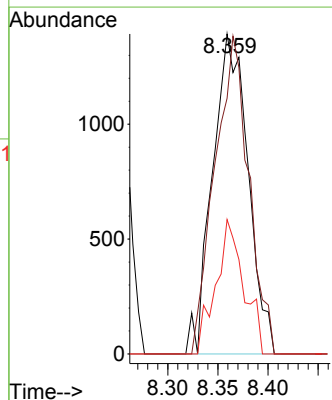
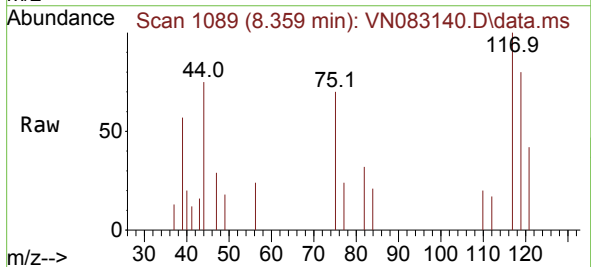
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

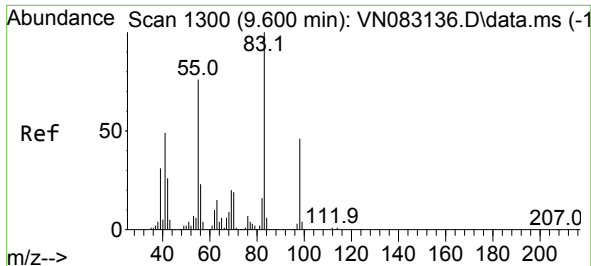
Tgt Ion: 43 Resp: 4617
Ion Ratio Lower Upper
43 100
61 9.2 9.3 13.9#
70 3.8 7.0 10.6#



#38
Carbon Tetrachloride
Concen: 0.926 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

Tgt Ion: 117 Resp: 3422
Ion Ratio Lower Upper
117 100
119 79.9 74.9 112.3
121 42.0 24.3 36.5#





#39

Methylcyclohexane

Concen: 0.986 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN083140.D

Acq: 07 Aug 2024 12:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

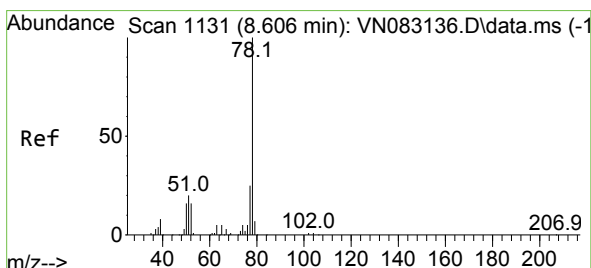
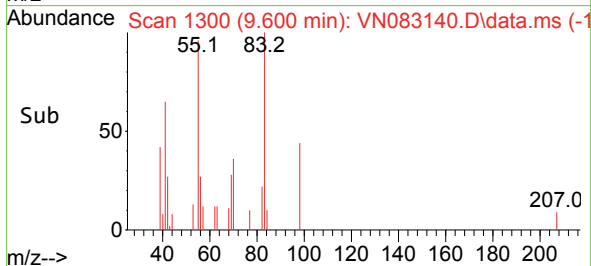
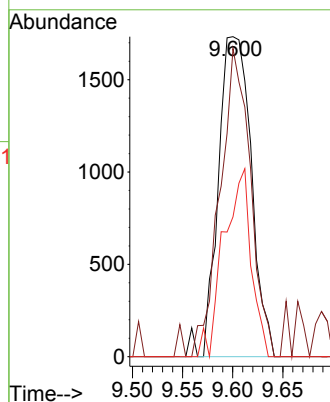
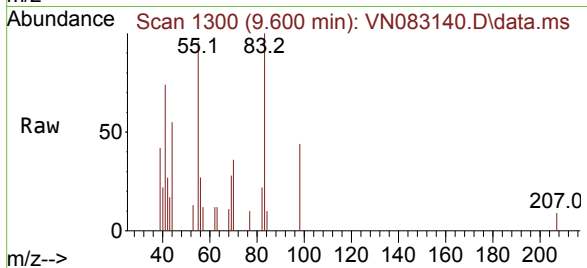
Tgt Ion: 83 Resp: 3974

Ion Ratio Lower Upper

83 100

55 96.3 66.4 99.6

98 43.7 40.7 61.1



#40

Benzene

Concen: 0.955 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN083140.D

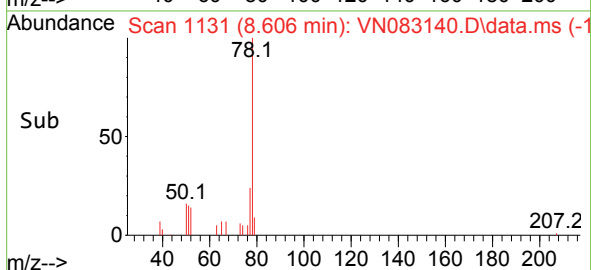
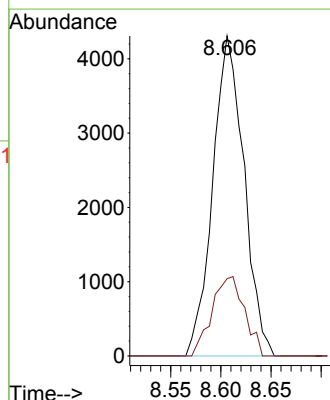
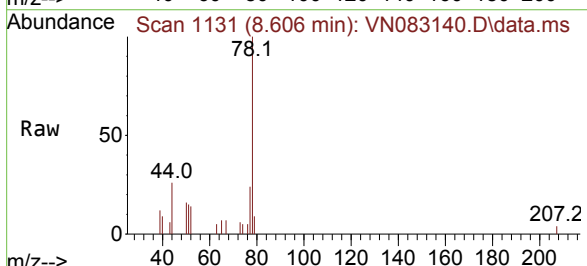
Acq: 07 Aug 2024 12:34

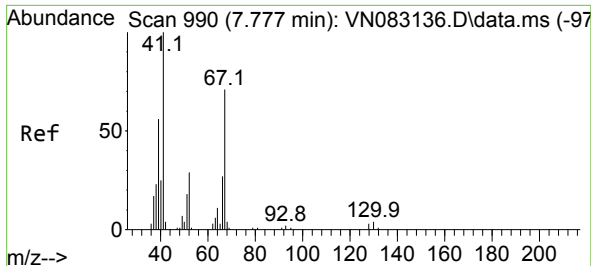
Tgt Ion: 78 Resp: 9334

Ion Ratio Lower Upper

78 100

77 24.2 19.0 28.4

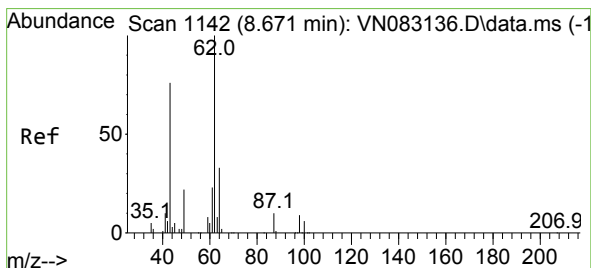
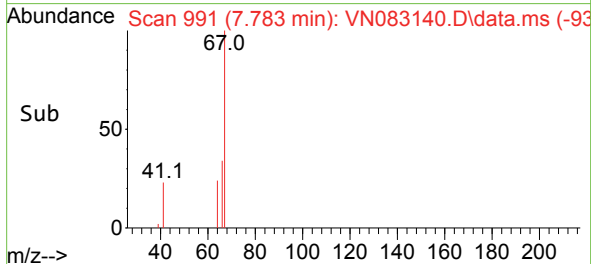
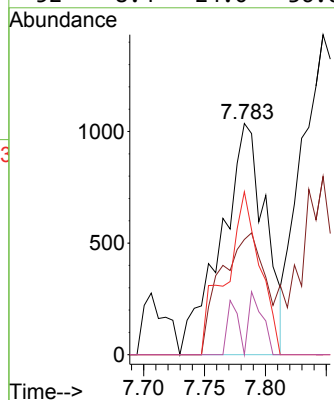
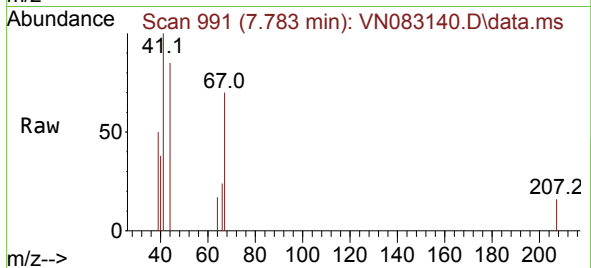




#41
Methacrylonitrile
Concen: 1.254 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

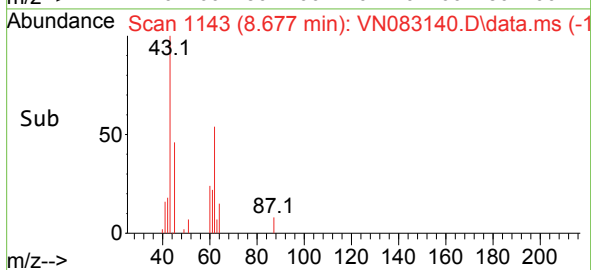
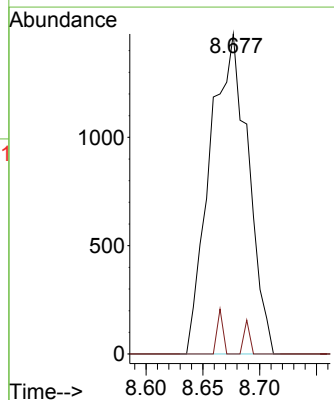
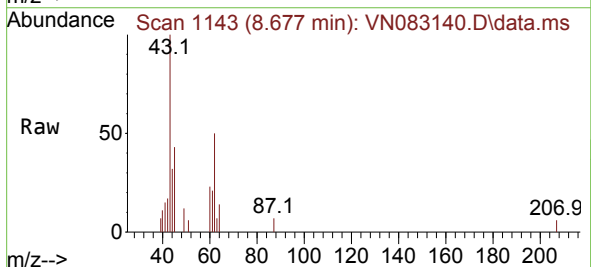
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

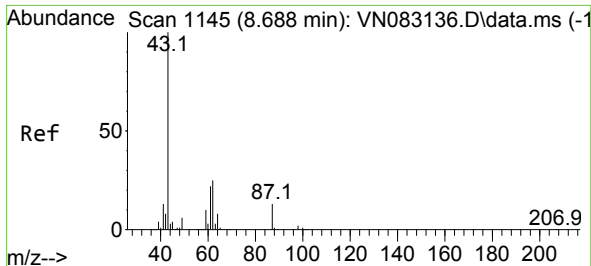
Tgt Ion:	41	Resp:	2618
Ion	Ratio	Lower	Upper
41	100		
39	52.4	45.5	68.3
67	54.2	50.5	75.7
52	8.4	24.0	36.0



#42
1,2-Dichloroethane
Concen: 0.971 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

Tgt Ion:	62	Resp:	3457
Ion	Ratio	Lower	Upper
62	100		
98	1.6	0.0	15.8





#43

Isopropyl Acetate

Concen: 0.753 ug/l

RT: 8.689 min Scan# 1145

Delta R.T. 0.001 min

Lab File: VN083140.D

Acq: 07 Aug 2024 12:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

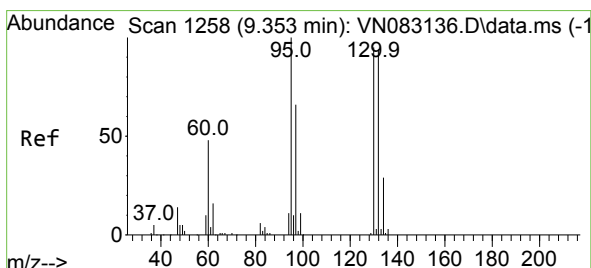
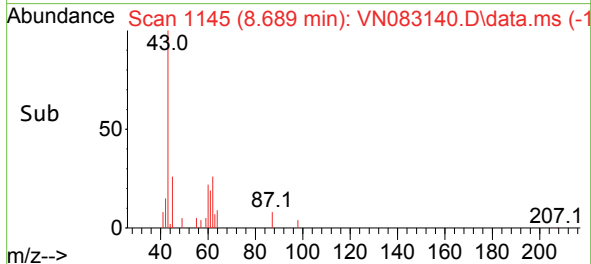
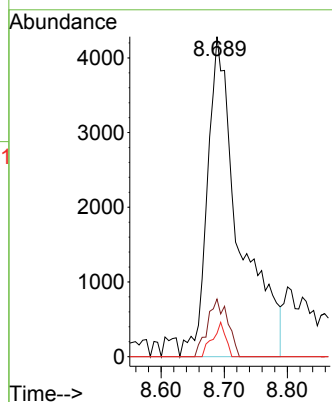
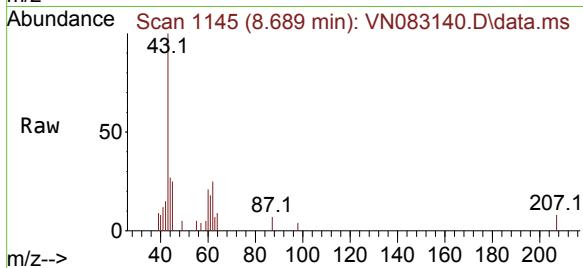
Tgt Ion: 43 Resp: 14981

Ion Ratio Lower Upper

43 100

61 11.5 17.8 26.6#

87 4.4 8.2 12.2#



#44

Trichloroethene

Concen: 0.925 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. 0.006 min

Lab File: VN083140.D

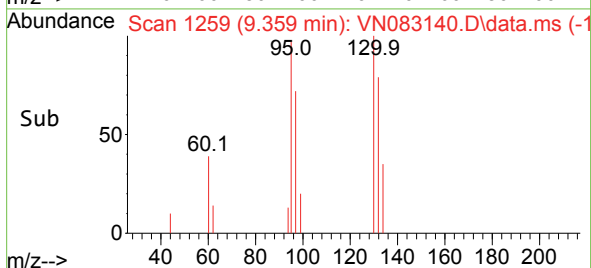
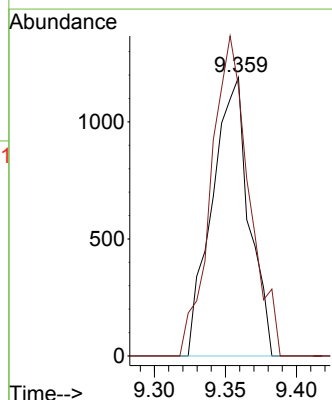
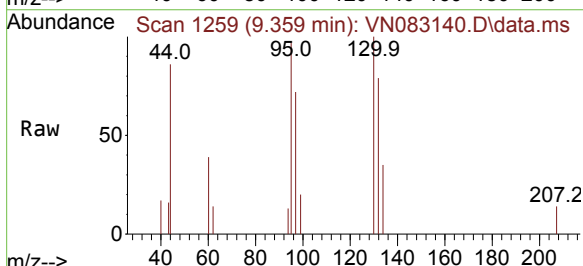
Acq: 07 Aug 2024 12:34

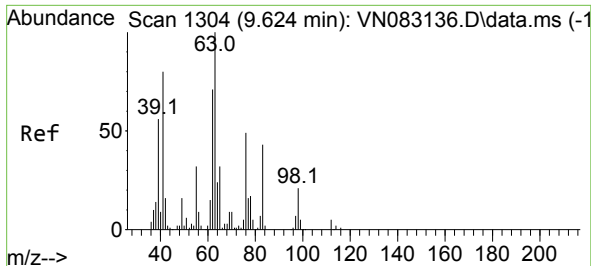
Tgt Ion:130 Resp: 2151

Ion Ratio Lower Upper

130 100

95 96.7 0.0 197.8





#45

1,2-Dichloropropane

Concen: 0.946 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN083140.D

Acq: 07 Aug 2024 12:34

Instrument :

MSVOA_N

ClientSampleId :

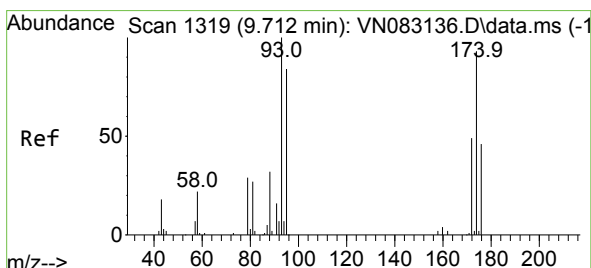
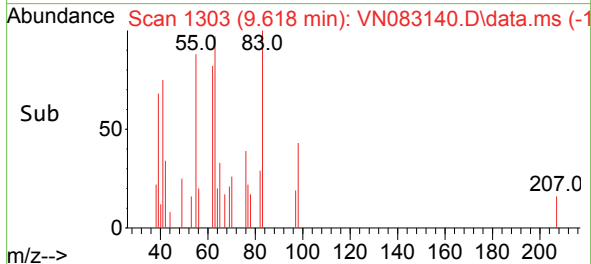
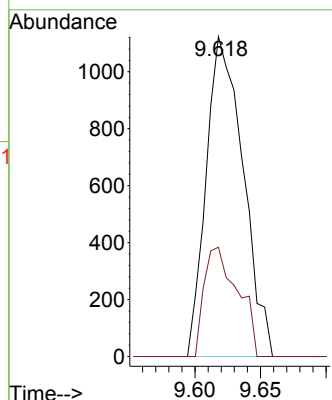
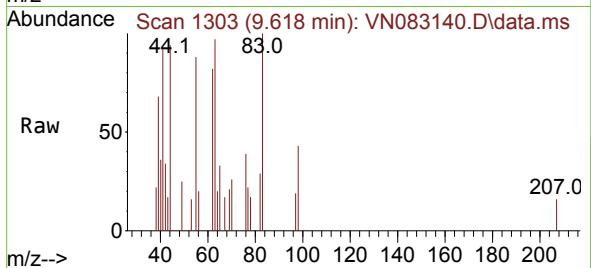
VSTDICC001

Tgt Ion: 63 Resp: 2194

Ion Ratio Lower Upper

63 100

65 34.2 24.4 36.6



#46

Dibromomethane

Concen: 0.911 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. -0.012 min

Lab File: VN083140.D

Acq: 07 Aug 2024 12:34

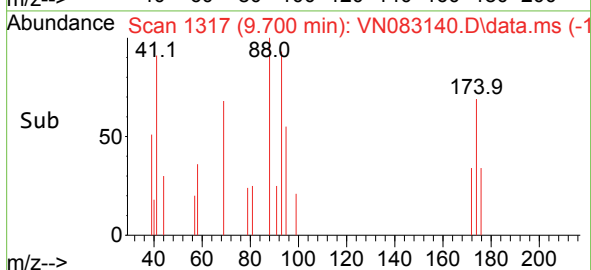
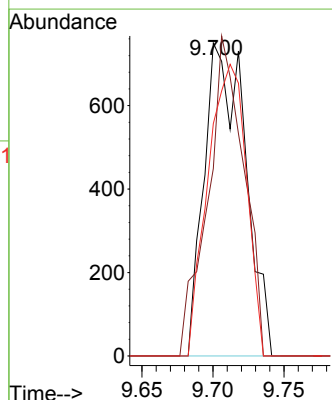
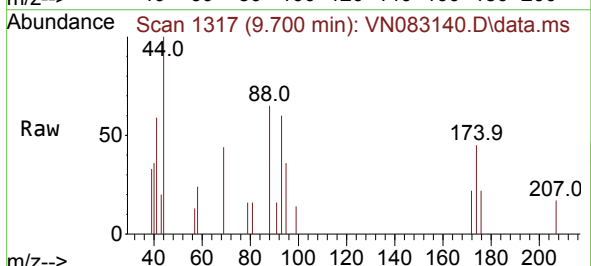
Tgt Ion: 93 Resp: 1513

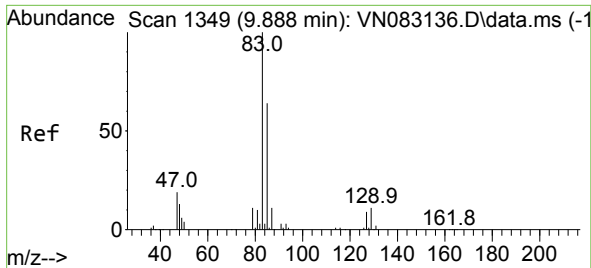
Ion Ratio Lower Upper

93 100

95 89.4 65.8 98.6

174 87.3 71.7 107.5

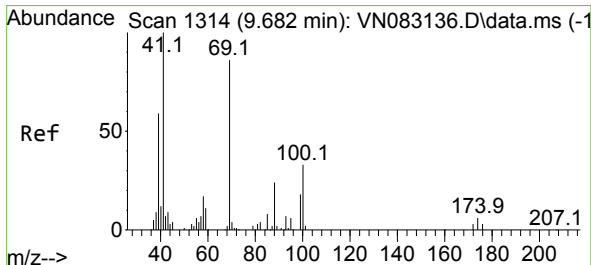
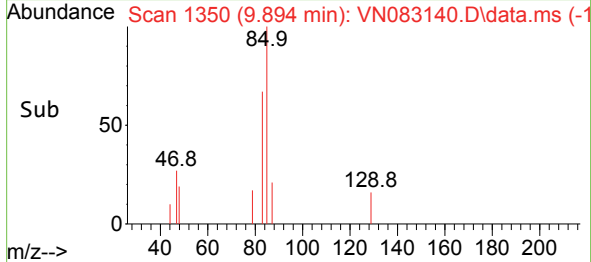
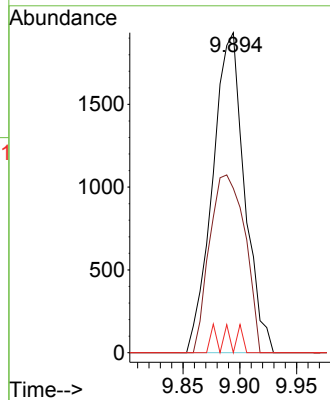
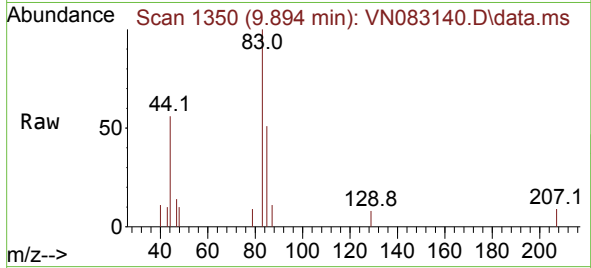




#47
Bromodichloromethane
Concen: 1.015 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

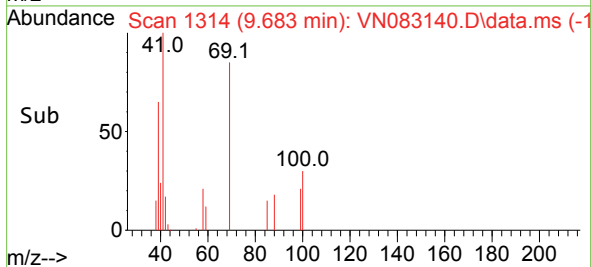
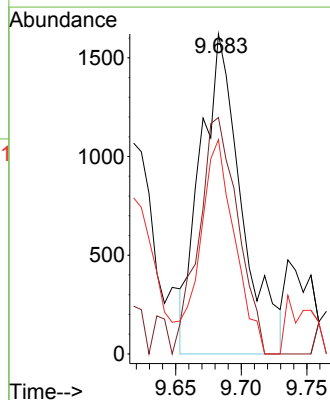
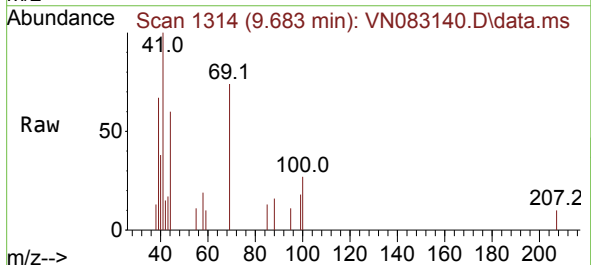
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

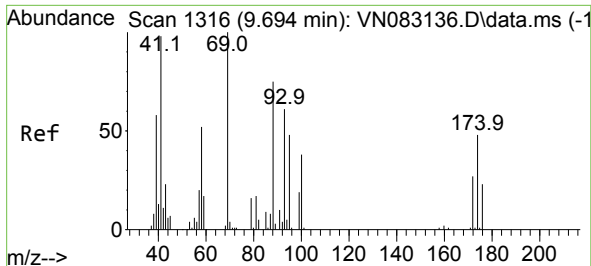
Tgt Ion: 83 Resp: 3783
Ion Ratio Lower Upper
83 100
85 51.4 51.1 76.7
127 0.0 7.2 10.8#



#48
Methyl methacrylate
Concen: 1.159 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

Tgt Ion: 41 Resp: 3518
Ion Ratio Lower Upper
41 100
69 70.6 56.3 84.5
39 57.3 50.3 75.5





#49

1,4-Dioxane

Concen: 19.880 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN083140.D

Acq: 07 Aug 2024 12:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

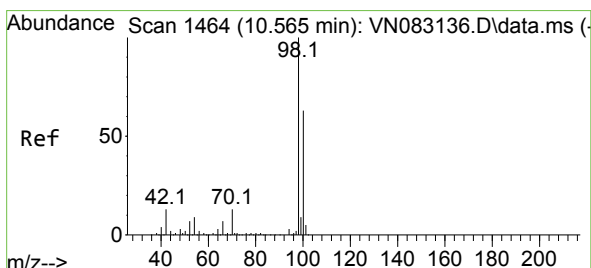
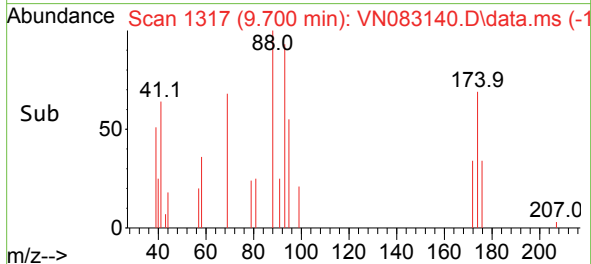
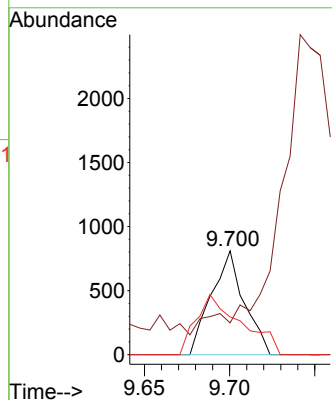
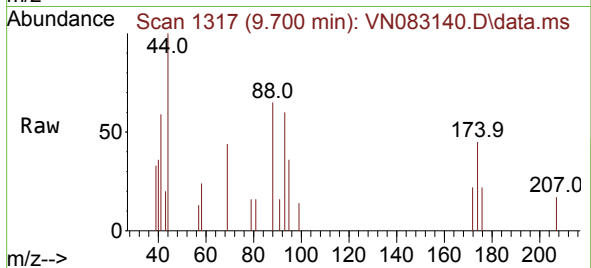
Tgt Ion: 88 Resp: 1089

Ion Ratio Lower Upper

88 100

43 0.0 27.8 41.8#

58 79.4 59.4 89.0



#50

Toluene-d8

Concen: 1.048 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN083140.D

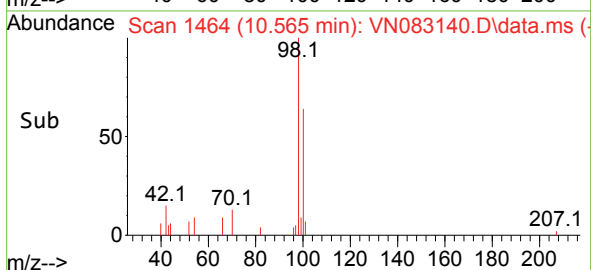
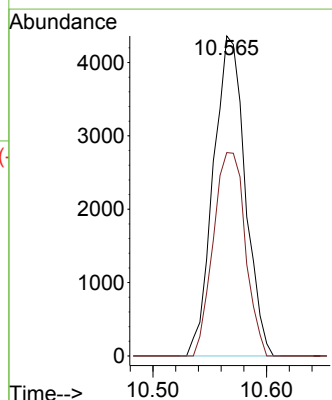
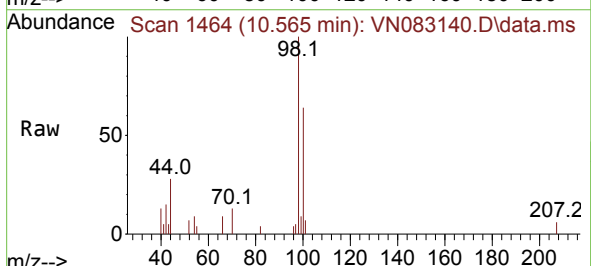
Acq: 07 Aug 2024 12:34

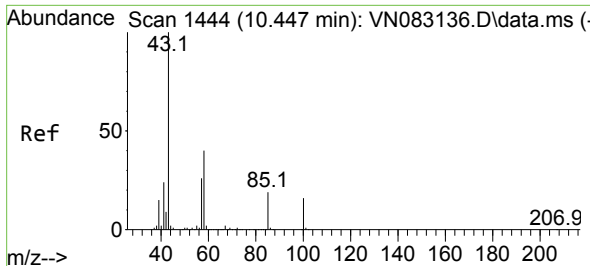
Tgt Ion: 98 Resp: 8474

Ion Ratio Lower Upper

98 100

100 63.9 51.5 77.3

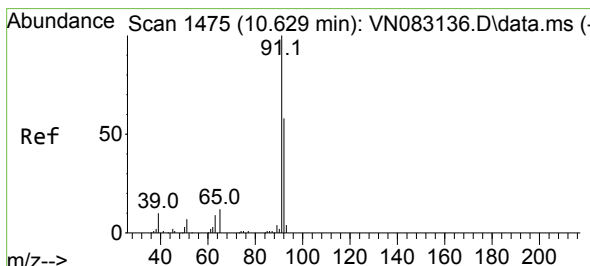
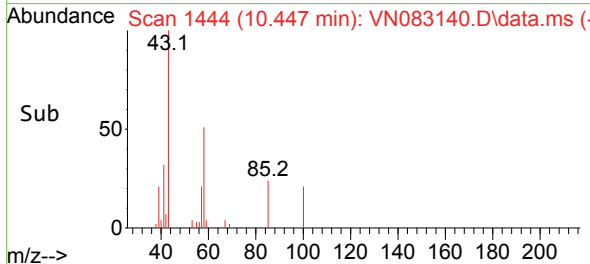
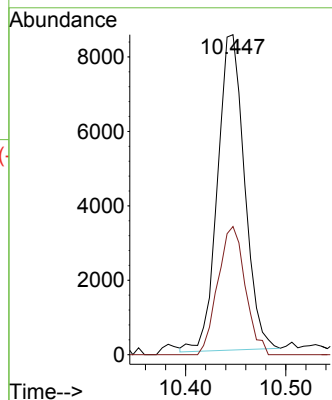
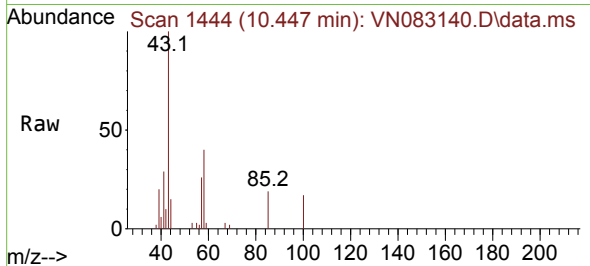




#51
4-Methyl-2-Pentanone
Concen: 4.570 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

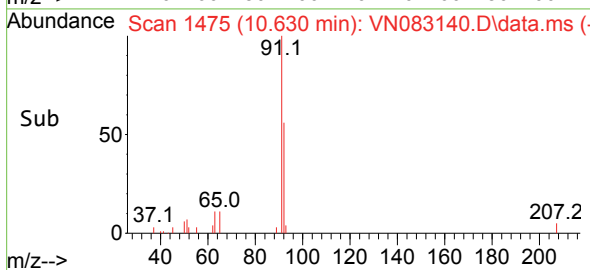
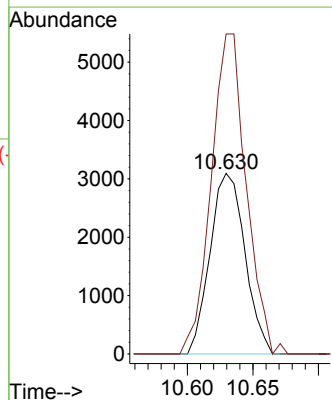
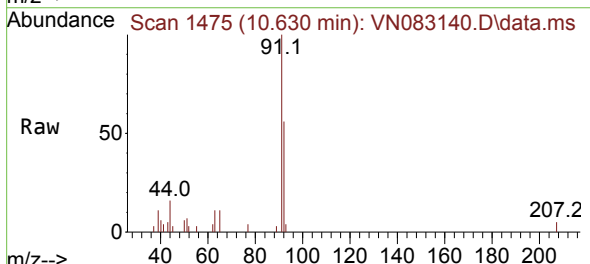
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

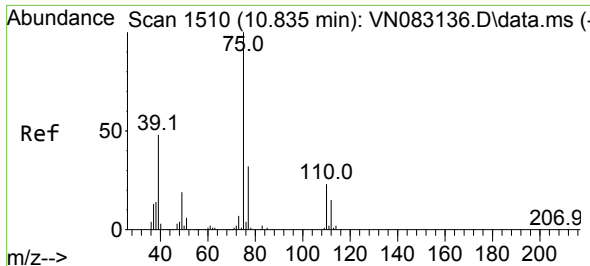
Tgt Ion: 43 Resp: 15872
Ion Ratio Lower Upper
43 100
58 41.1 28.2 42.4



#52
Toluene
Concen: 0.927 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

Tgt Ion: 92 Resp: 5723
Ion Ratio Lower Upper
92 100
91 178.1 139.4 209.0

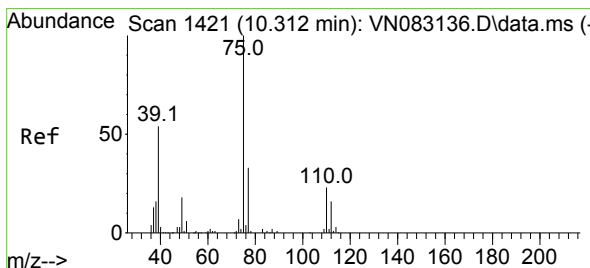
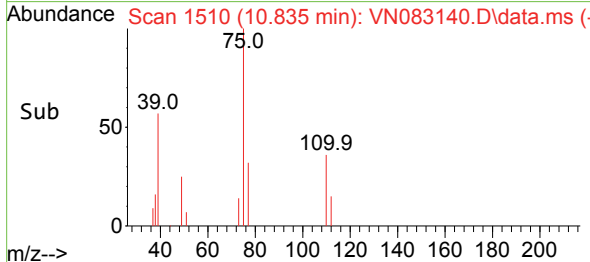
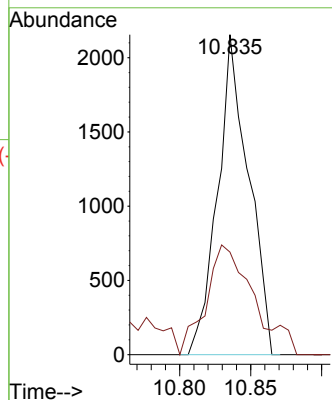
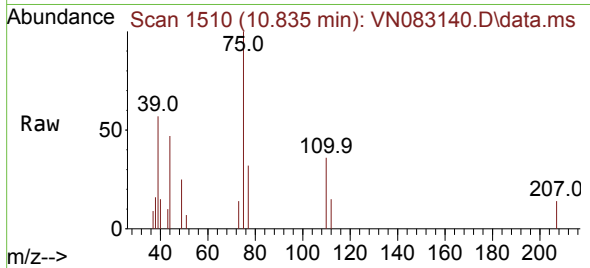




#53
 t-1,3-Dichloropropene
 Concen: 0.851 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN083140.D
 Acq: 07 Aug 2024 12:34

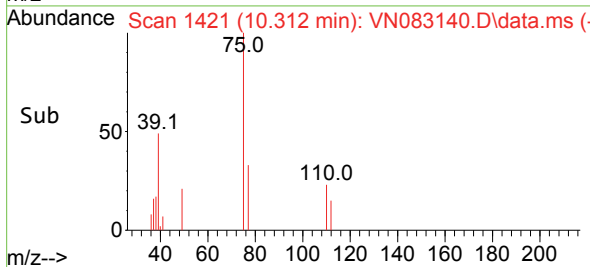
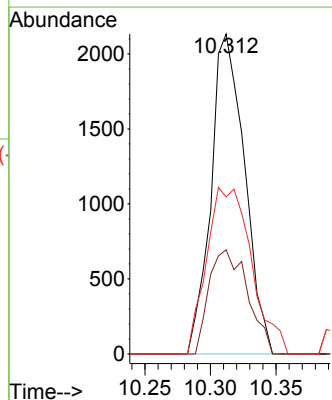
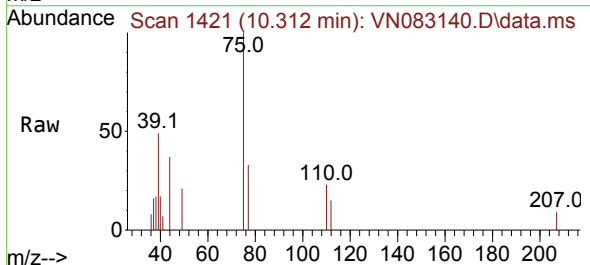
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

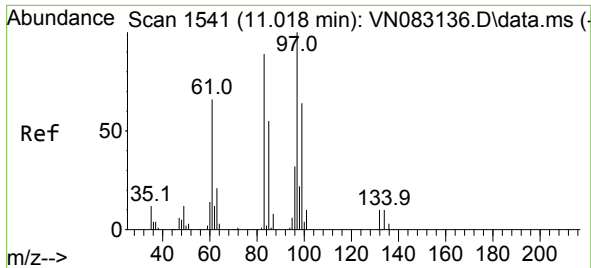
Tgt Ion: 75 Resp: 3260
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 0.932 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN083140.D
 Acq: 07 Aug 2024 12:34

Tgt Ion: 75 Resp: 3797
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.3 36.5
 39 49.0 50.5 75.7#

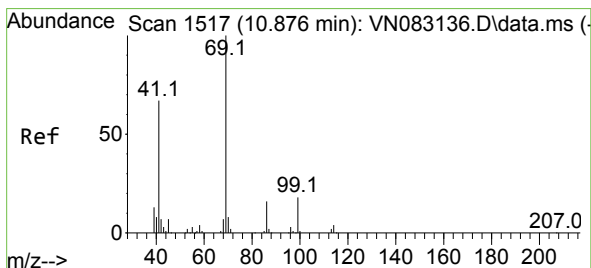
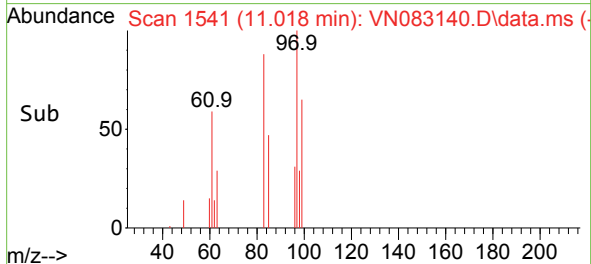
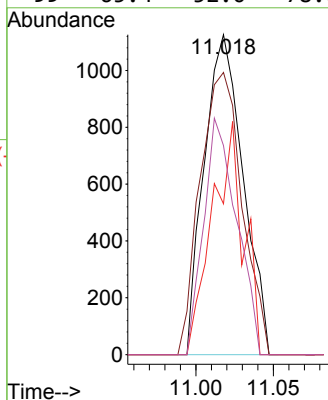
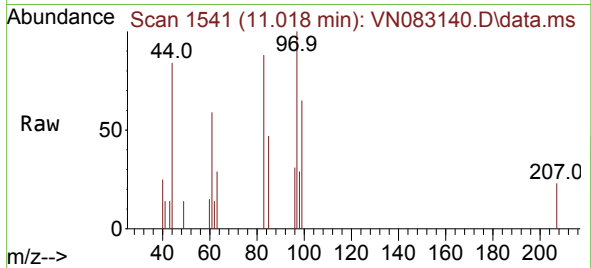




#55
1,1,2-Trichloroethane
Concen: 0.887 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

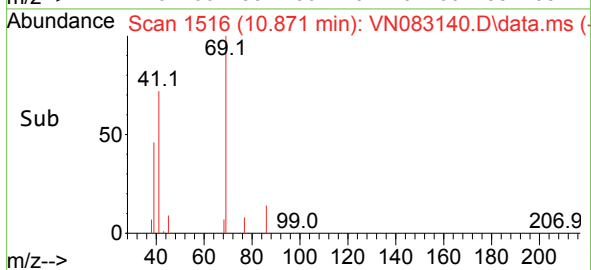
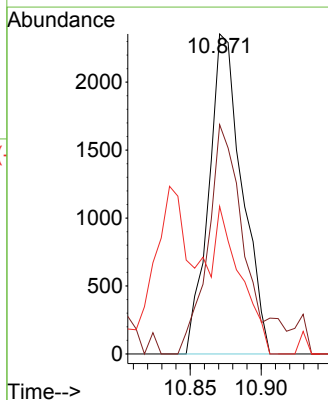
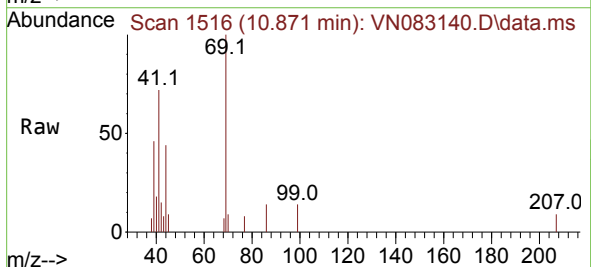
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

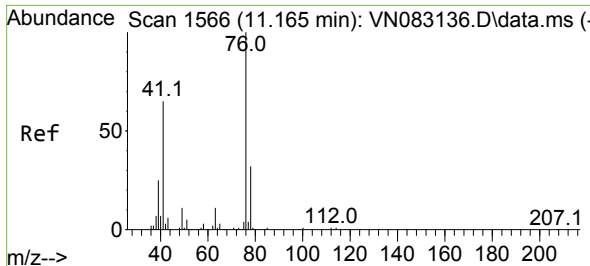
Tgt Ion: 97	Resp: 1963
Ion Ratio	Lower Upper
97 100	
83 88.2	71.4 107.0
85 47.2	45.8 68.6
99 65.4	52.0 78.0



#56
Ethyl methacrylate
Concen: 0.921 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

Tgt Ion: 69	Resp: 3843
Ion Ratio	Lower Upper
69 100	
41 83.6	63.4 95.2
39 33.7	37.4 56.0#





#57

1,3-Dichloropropane

Concen: 0.973 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN083140.D

Acq: 07 Aug 2024 12:34

Instrument :

MSVOA_N

ClientSampleId :

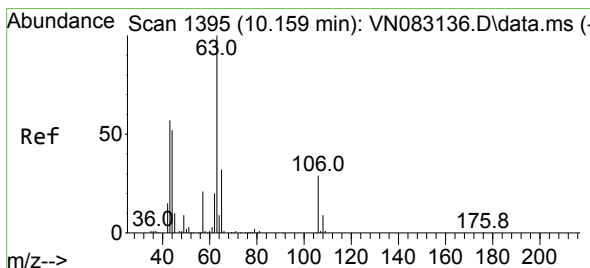
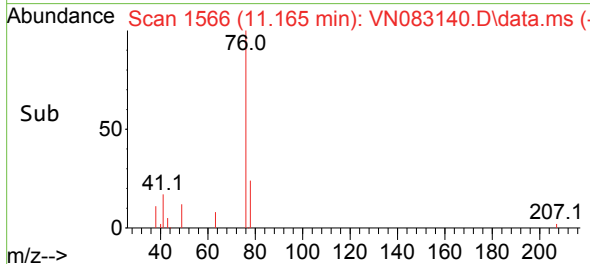
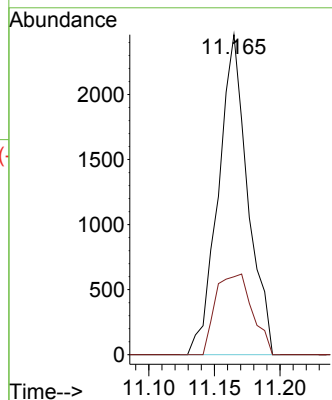
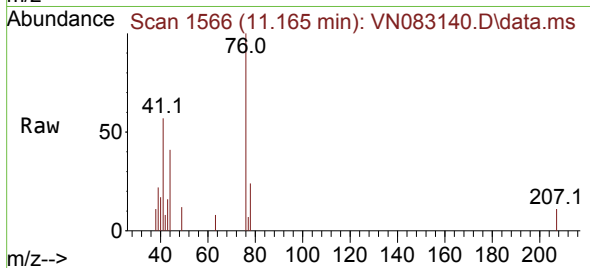
VSTDICC001

Tgt Ion: 76 Resp: 3837

Ion Ratio Lower Upper

76 100

78 31.3 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 4.794 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN083140.D

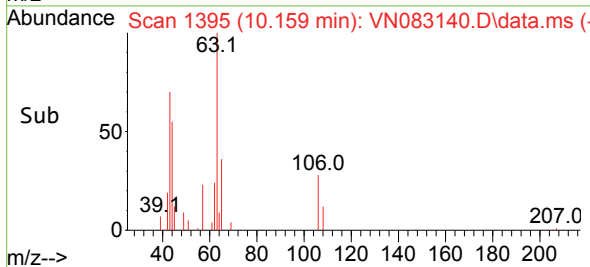
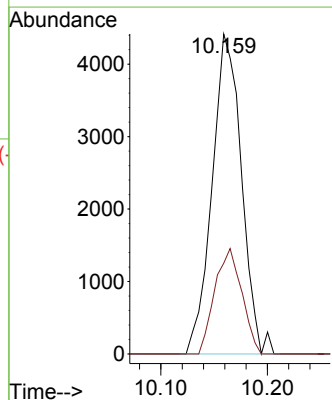
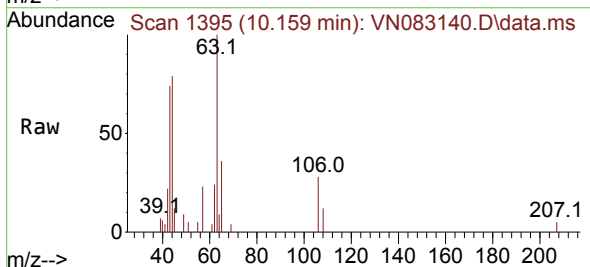
Acq: 07 Aug 2024 12:34

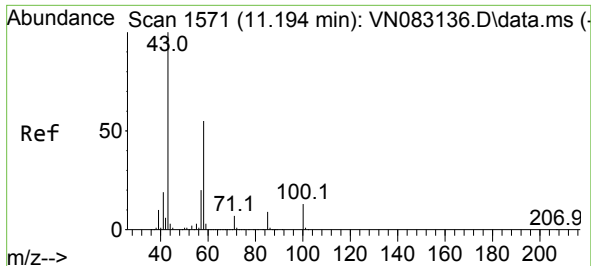
Tgt Ion: 63 Resp: 8453

Ion Ratio Lower Upper

63 100

106 30.3 21.4 32.0

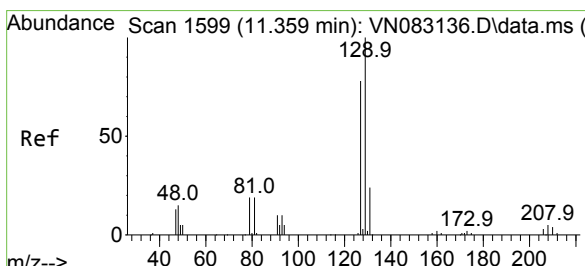
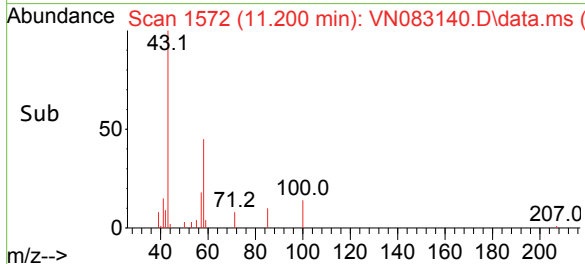
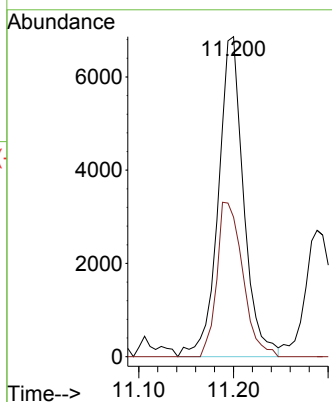
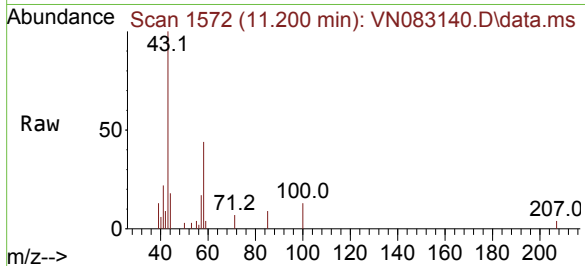




#59
2-Hexanone
Concen: 4.749 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

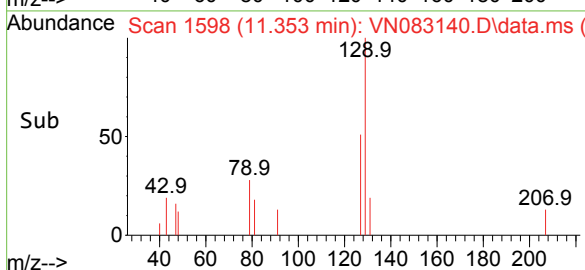
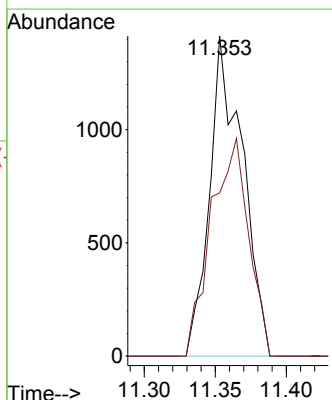
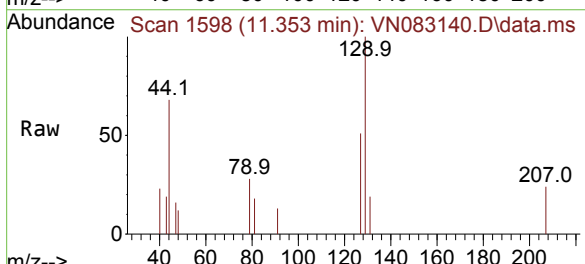
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

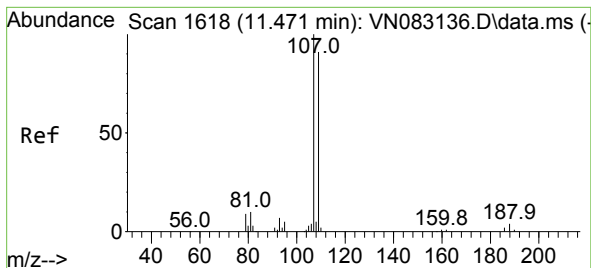
Tgt Ion: 43 Resp: 12761
Ion Ratio Lower Upper
43 100
58 49.3 24.6 73.8



#60
Dibromochloromethane
Concen: 0.853 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

Tgt Ion: 129 Resp: 2283
Ion Ratio Lower Upper
129 100
127 77.5 39.2 117.6

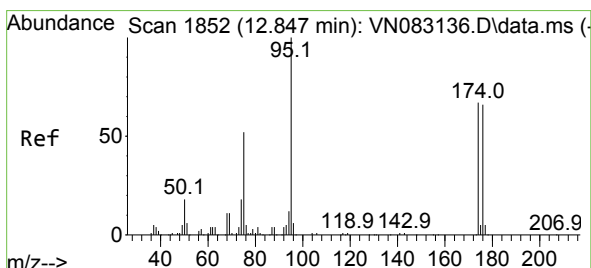
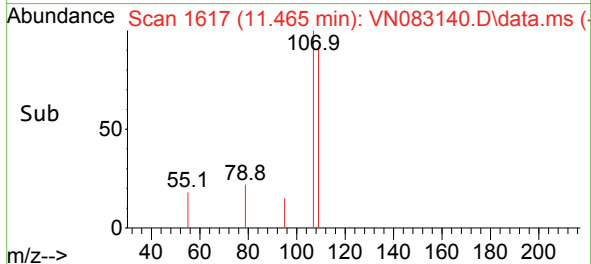
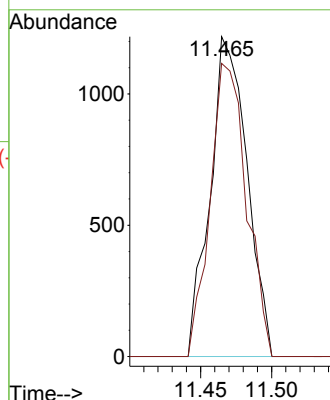
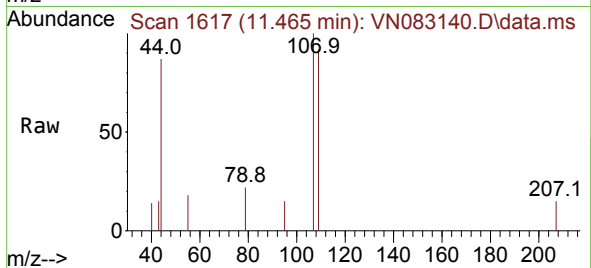




#61
1,2-Dibromoethane
Concen: 0.947 ug/l
RT: 11.465 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

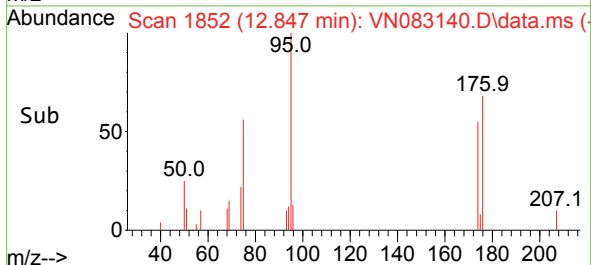
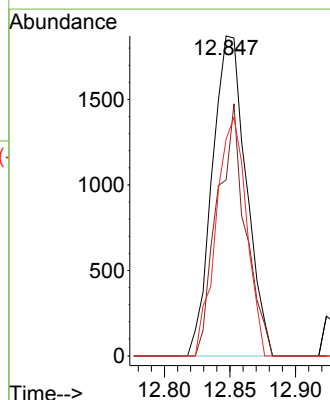
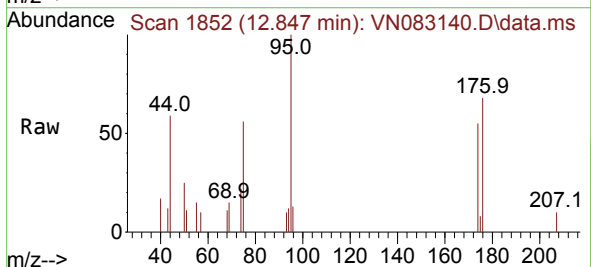
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

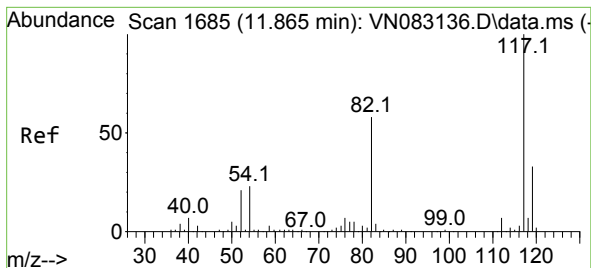
Tgt Ion:107 Resp: 2200
Ion Ratio Lower Upper
107 100
109 90.4 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 1.066 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

Tgt Ion: 95 Resp: 3363
Ion Ratio Lower Upper
95 100
174 65.7 0.0 159.2
176 66.9 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083140.D

Acq: 07 Aug 2024 12:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

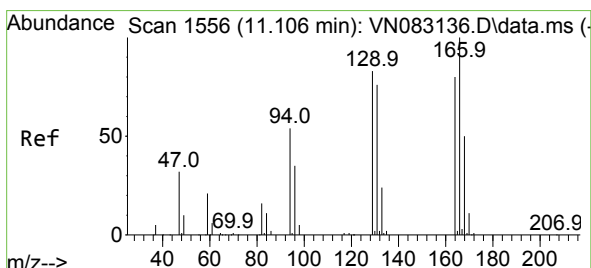
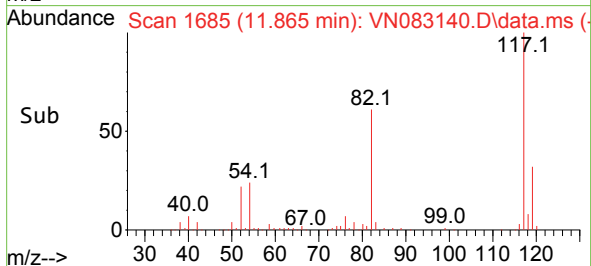
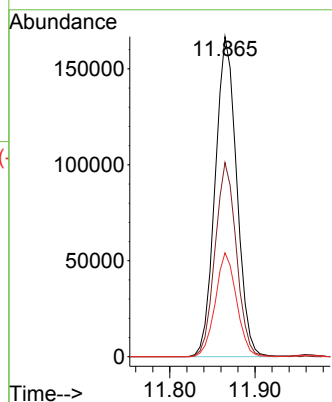
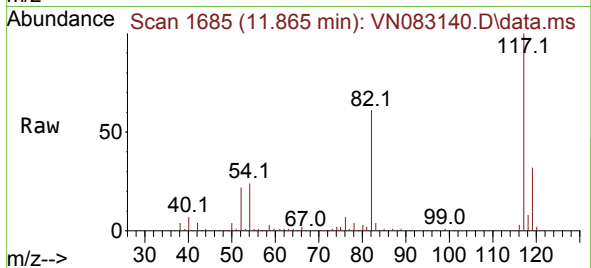
Tgt Ion:117 Resp: 292647

Ion Ratio Lower Upper

117 100

82 60.6 47.5 71.3

119 32.4 25.6 38.4



#64

Tetrachloroethene

Concen: 0.966 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN083140.D

Acq: 07 Aug 2024 12:34

Tgt Ion:164 Resp: 1872

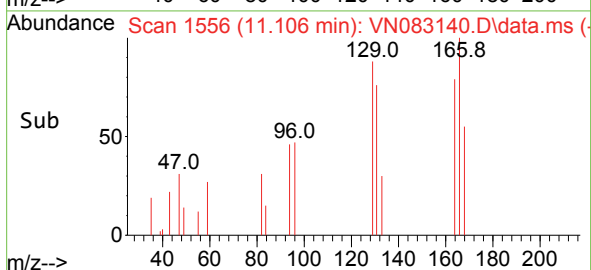
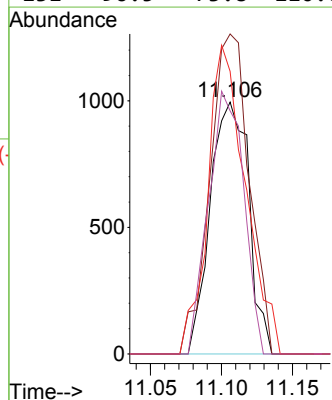
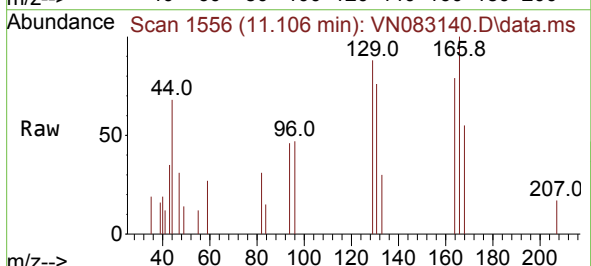
Ion Ratio Lower Upper

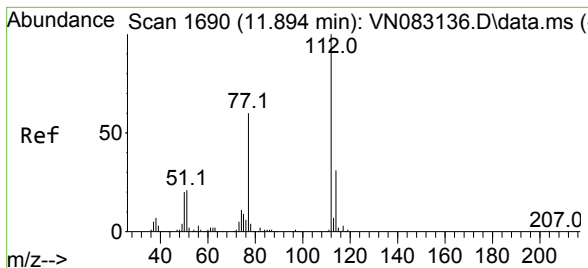
164 100

166 127.0 101.4 152.0

129 112.2 75.7 113.5

131 96.5 73.8 110.6

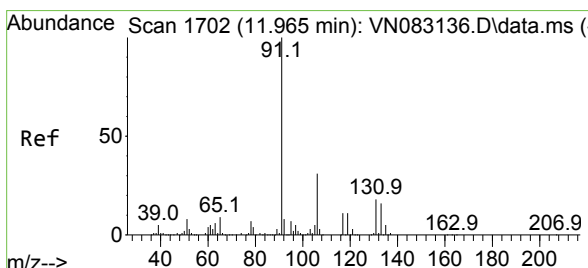
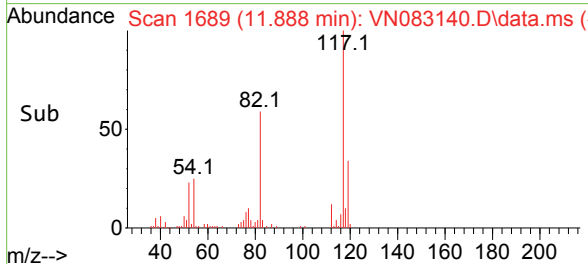
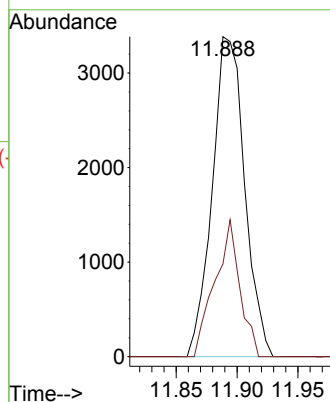
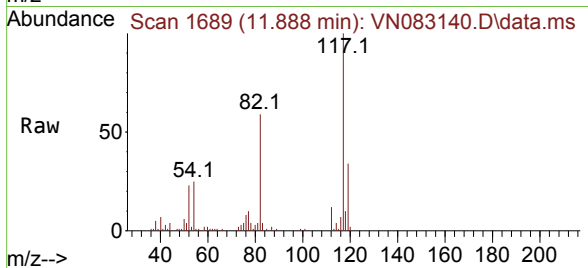




#65
Chlorobenzene
Concen: 0.968 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.006 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

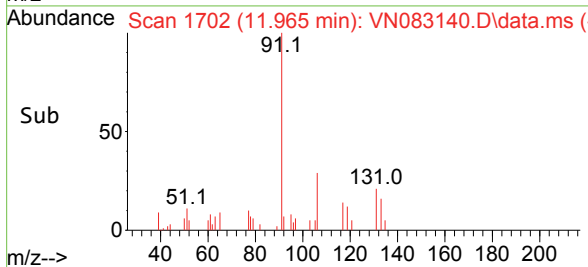
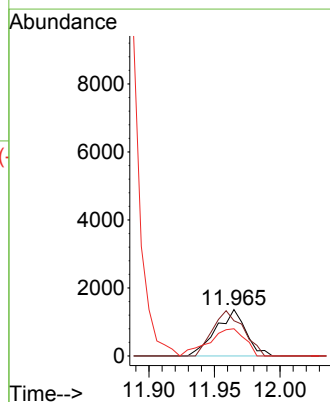
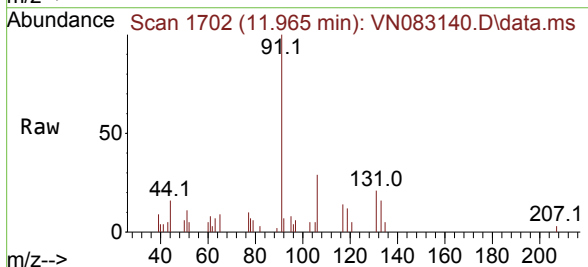
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

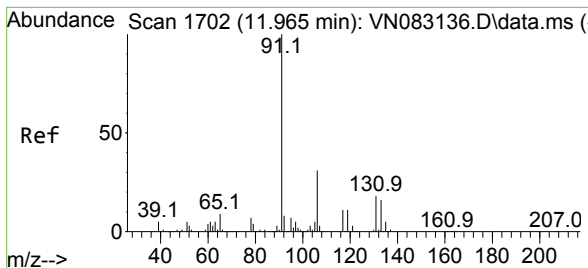
Tgt Ion:112 Resp: 6259
Ion Ratio Lower Upper
112 100
114 29.0 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 0.951 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

Tgt Ion:131 Resp: 2168
Ion Ratio Lower Upper
131 100
133 100.6 47.3 142.0
119 0.0 32.5 97.4#

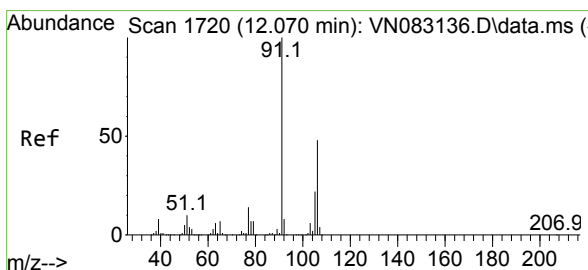
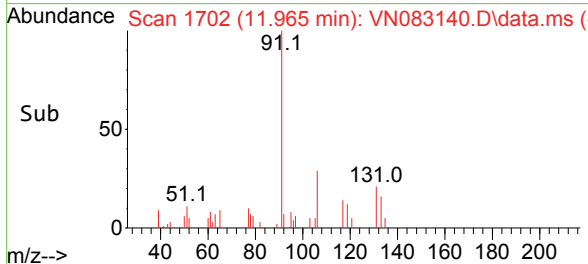
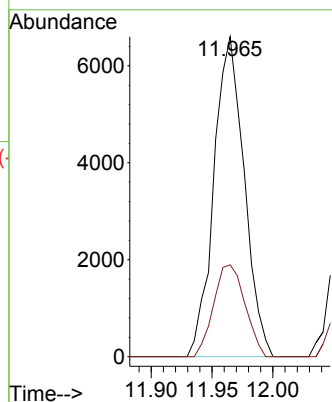
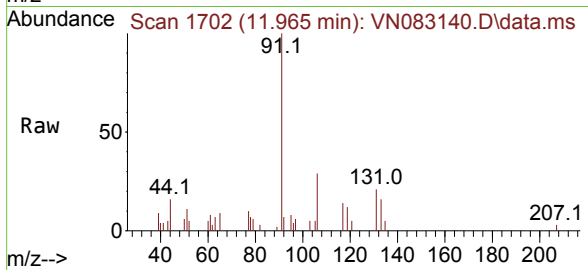




#67
Ethyl Benzene
Concen: 0.966 ug/l
RT: 11.965 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

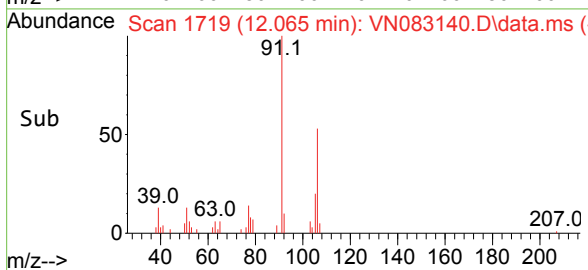
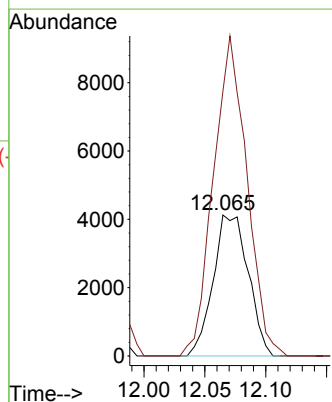
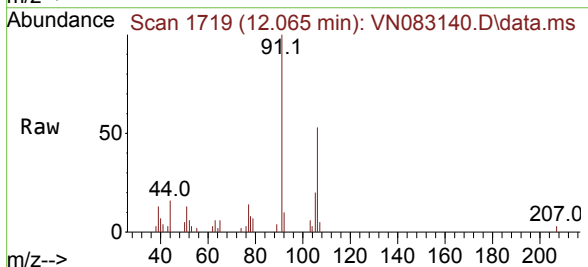
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

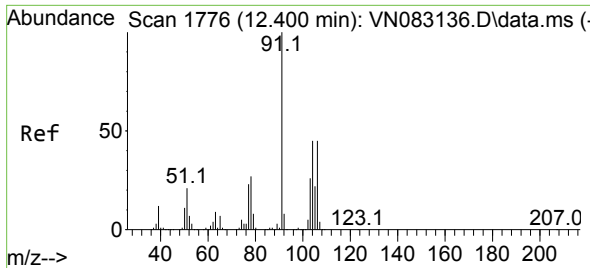
Tgt Ion: 91 Resp: 11455
Ion Ratio Lower Upper
91 100
106 28.7 24.0 36.0



#68
m/p-Xylenes
Concen: 1.860 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

Tgt Ion: 106 Resp: 8266
Ion Ratio Lower Upper
106 100
91 217.0 166.1 249.1

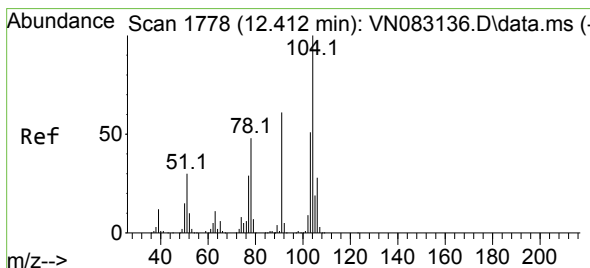
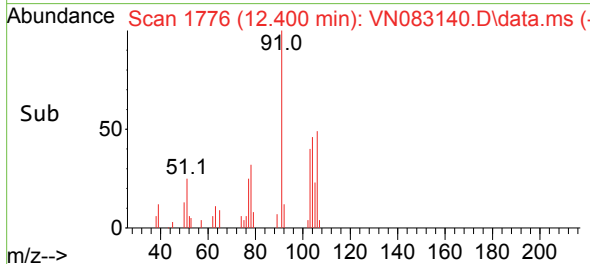
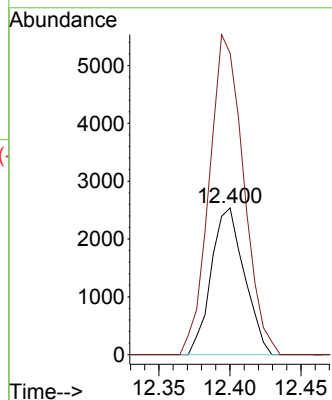
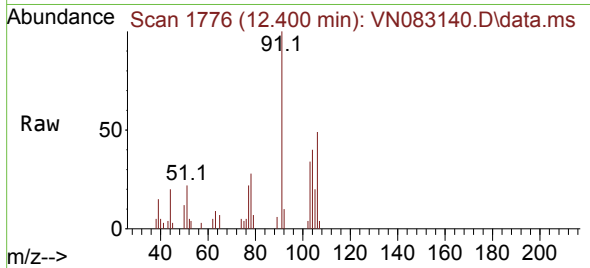




#69
o-Xylene
Concen: 0.938 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

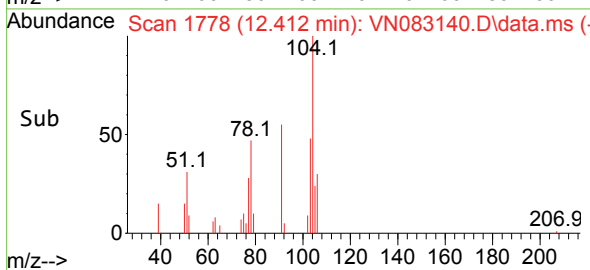
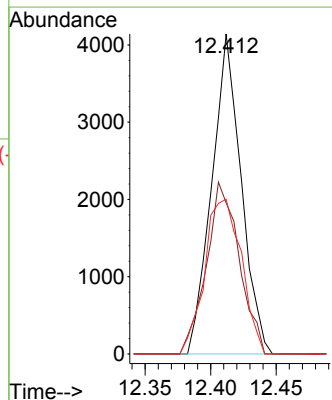
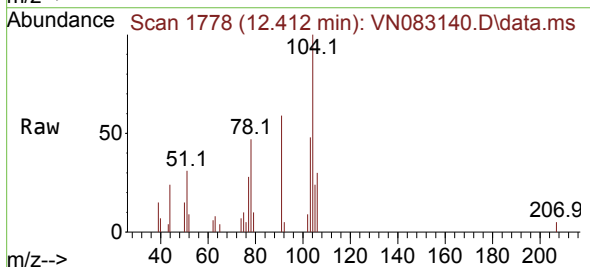
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

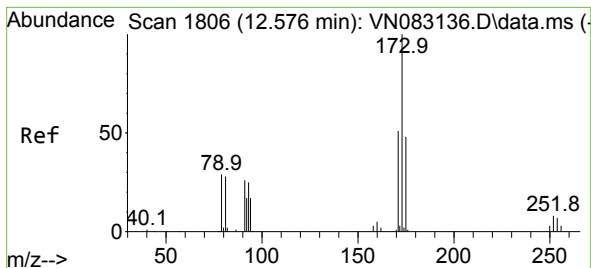
Tgt Ion:106 Resp: 4113
Ion Ratio Lower Upper
106 100
91 226.2 111.3 333.9



#70
Styrene
Concen: 0.875 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

Tgt Ion:104 Resp: 6441
Ion Ratio Lower Upper
104 100
78 60.2 41.6 62.4
103 60.7 44.0 66.0





#71

Bromoform

Concen: 0.903 ug/l

RT: 12.577 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN083140.D

Acq: 07 Aug 2024 12:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

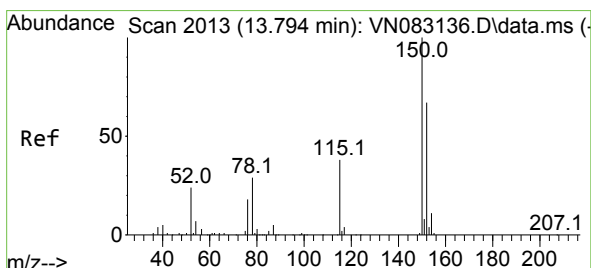
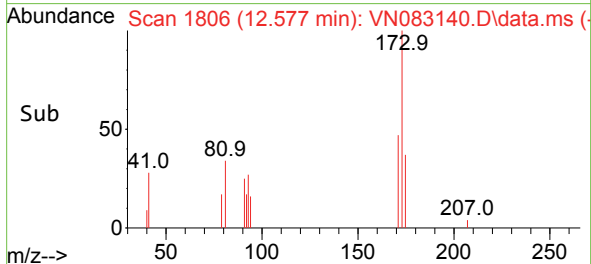
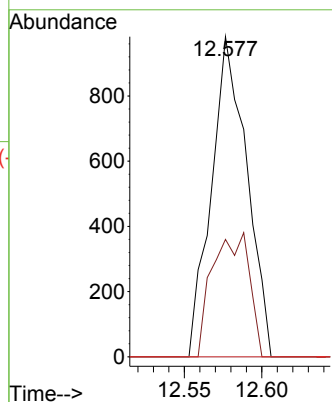
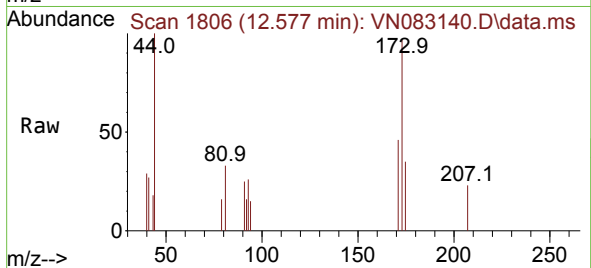
Tgt Ion:173 Resp: 1561

Ion Ratio Lower Upper

173 100

175 40.2 24.0 72.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN083140.D

Acq: 07 Aug 2024 12:34

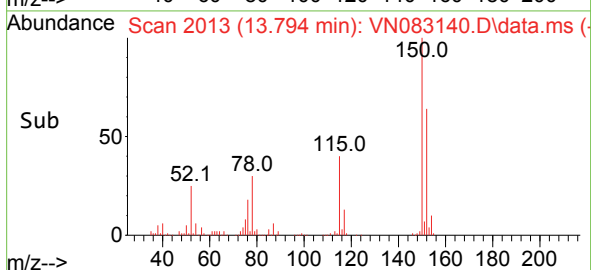
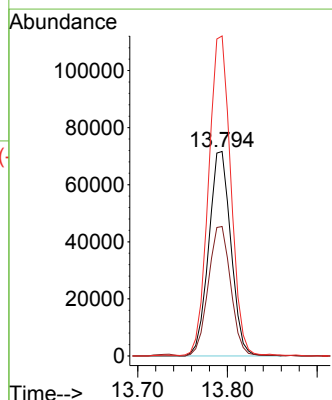
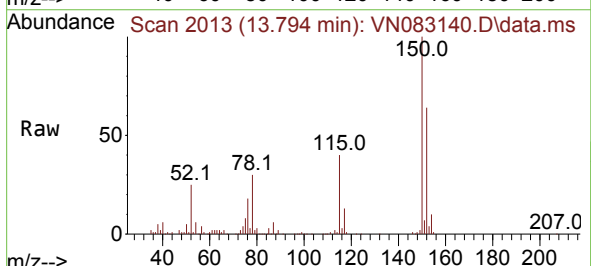
Tgt Ion:152 Resp: 122922

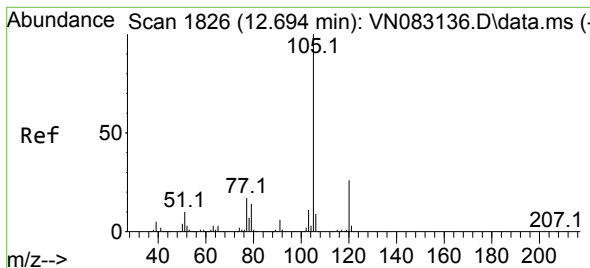
Ion Ratio Lower Upper

152 100

115 64.2 30.6 91.6

150 157.5 0.0 348.6





#73

Isopropylbenzene

Concen: 1.017 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN083140.D

Acq: 07 Aug 2024 12:34

Instrument :

MSVOA_N

ClientSampleId :

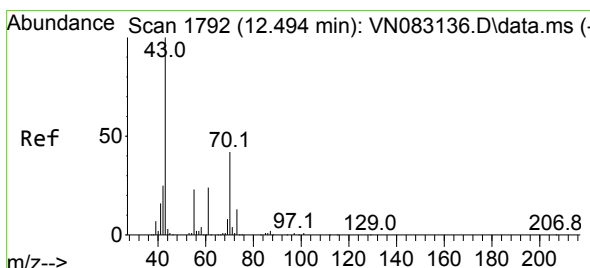
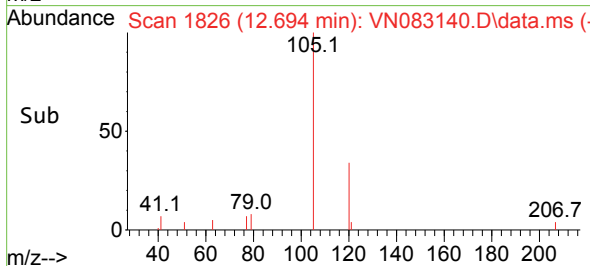
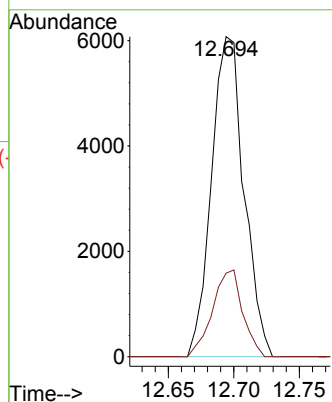
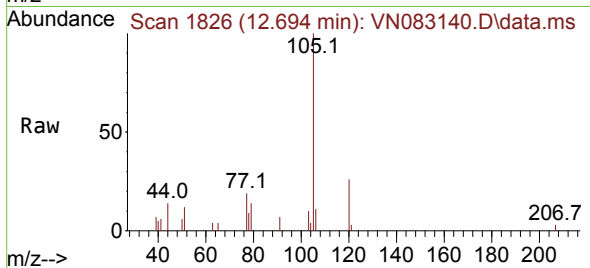
VSTDIC001

Tgt Ion:105 Resp: 10459

Ion Ratio Lower Upper

105 100

120 25.1 12.9 38.6



#74

N-ethyl acetate

Concen: 1.144 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN083140.D

Acq: 07 Aug 2024 12:34

Tgt Ion: 43 Resp: 5755

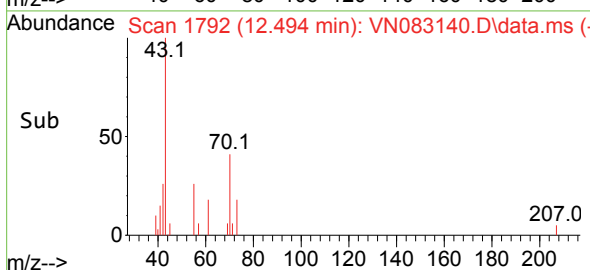
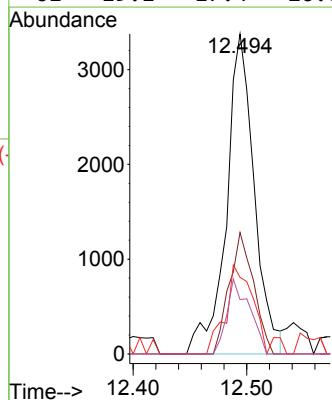
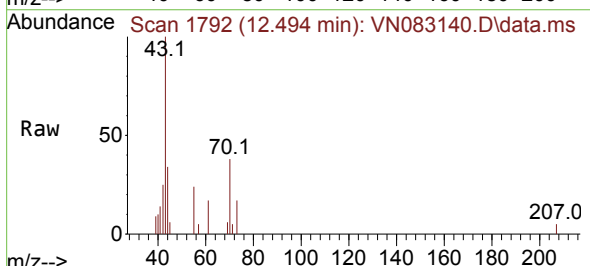
Ion Ratio Lower Upper

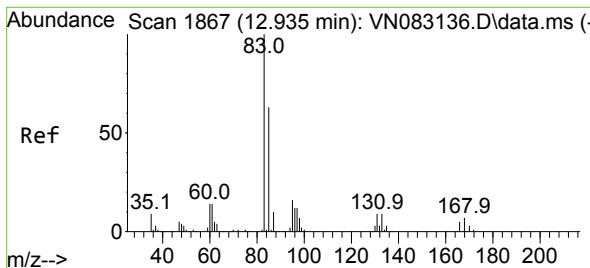
43 100

70 33.3 29.8 44.6

55 28.9 18.7 28.1#

61 19.1 17.4 26.0





#75

1,1,2,2-Tetrachloroethane

Concen: 1.043 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VN083140.D

Acq: 07 Aug 2024 12:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

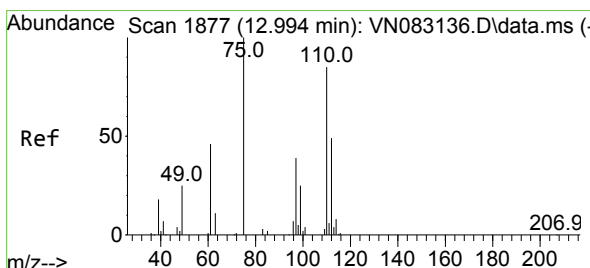
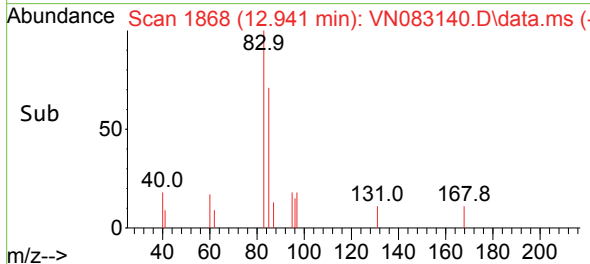
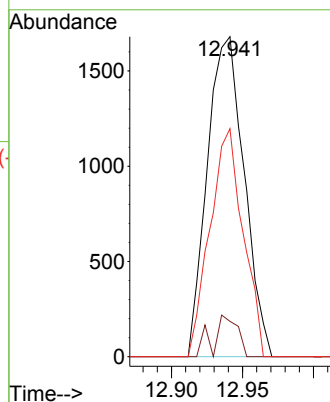
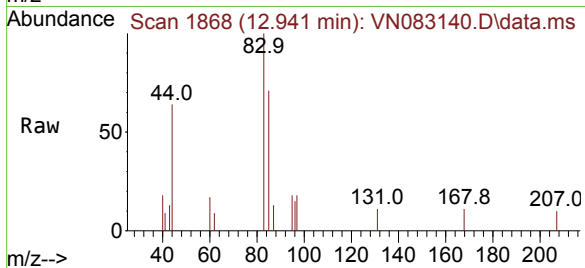
Tgt Ion: 83 Resp: 3034

Ion Ratio Lower Upper

83 100

131 8.5 5.0 14.9

85 64.0 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 1.594 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VN083140.D

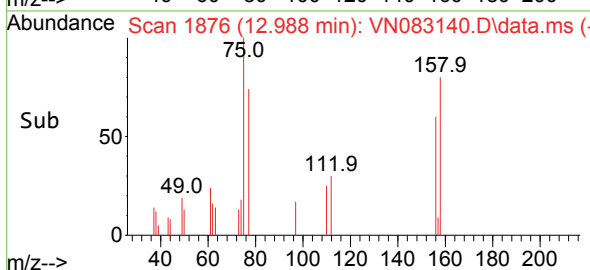
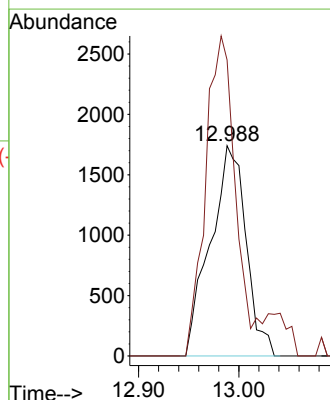
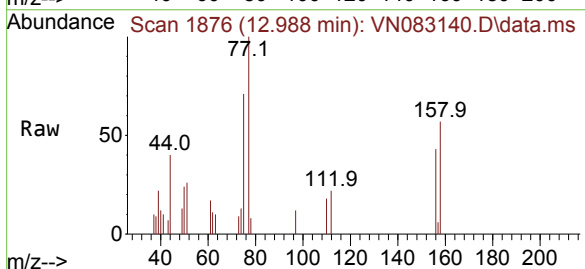
Acq: 07 Aug 2024 12:34

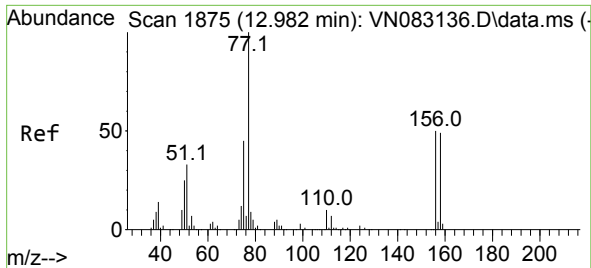
Tgt Ion: 75 Resp: 4307

Ion Ratio Lower Upper

75 100

77 129.5 110.9 332.6

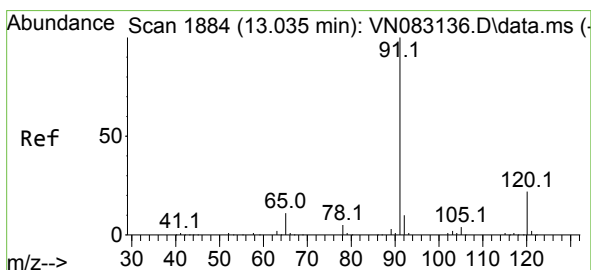
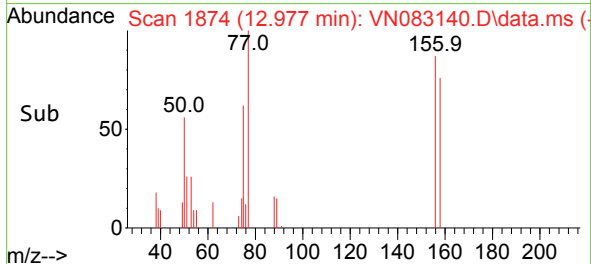
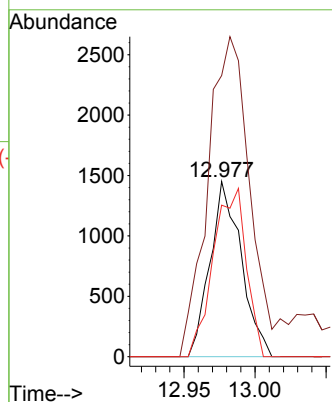
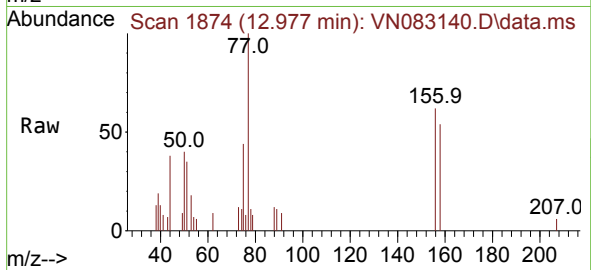




#77
Bromobenzene
Concen: 0.969 ug/l
RT: 12.977 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

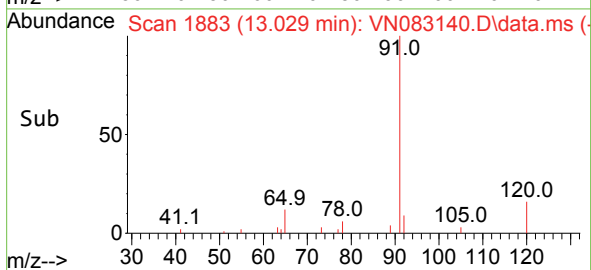
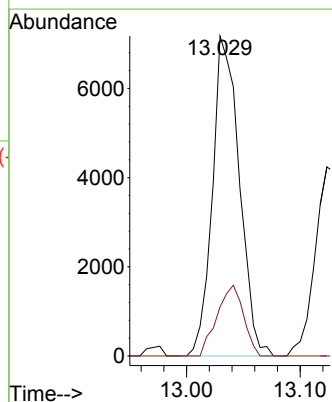
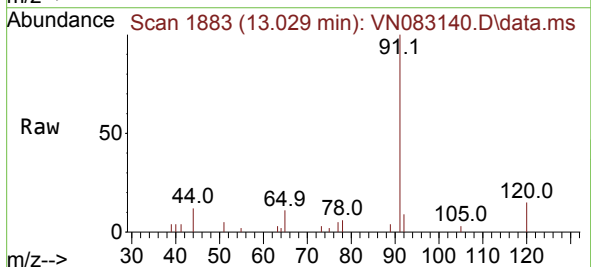
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

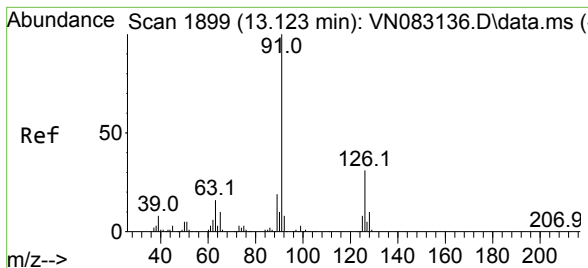
Tgt Ion:156 Resp: 2212
Ion Ratio Lower Upper
156 100
77 252.2 111.3 333.8
158 101.5 48.3 144.9



#78
n-propylbenzene
Concen: 0.997 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

Tgt Ion: 91 Resp: 11800
Ion Ratio Lower Upper
91 100
120 21.7 10.9 32.9





#79

2-Chlorotoluene

Concen: 1.031 ug/l

RT: 13.124 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN083140.D

Acq: 07 Aug 2024 12:34

Instrument :

MSVOA_N

ClientSampleId :

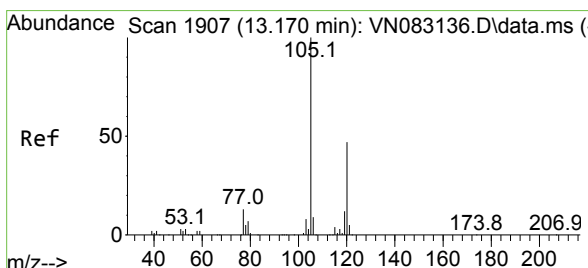
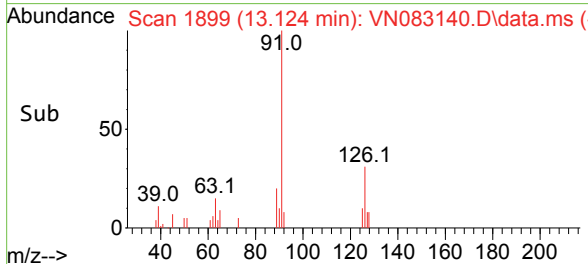
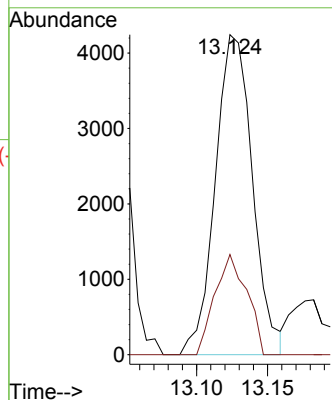
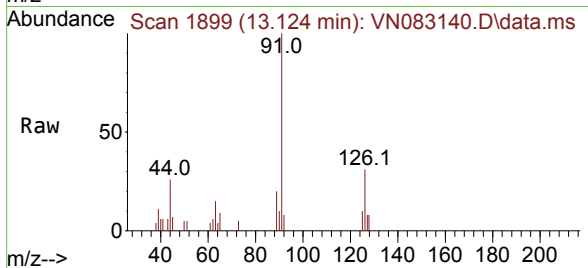
VSTDIC001

Tgt Ion: 91 Resp: 7735

Ion Ratio Lower Upper

91 100

126 26.9 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 0.994 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VN083140.D

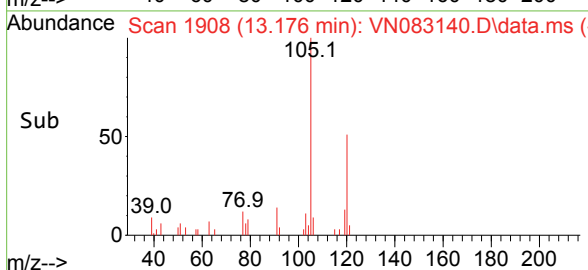
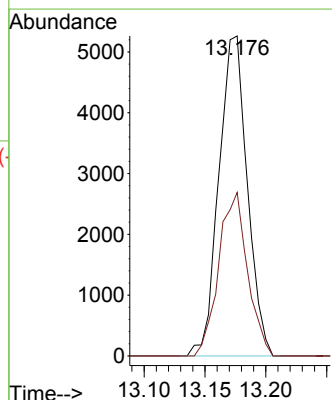
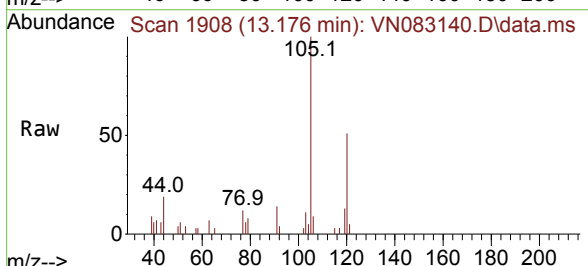
Acq: 07 Aug 2024 12:34

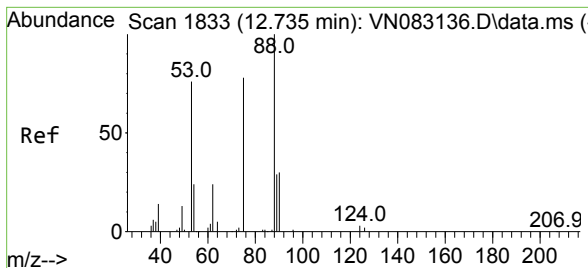
Tgt Ion: 105 Resp: 8552

Ion Ratio Lower Upper

105 100

120 51.7 24.3 72.8

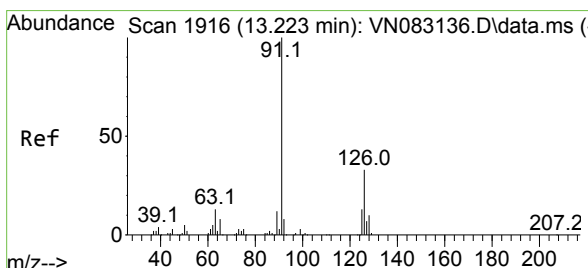
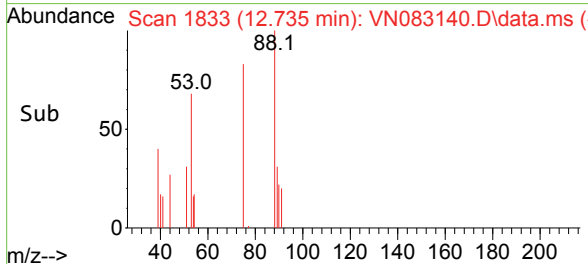
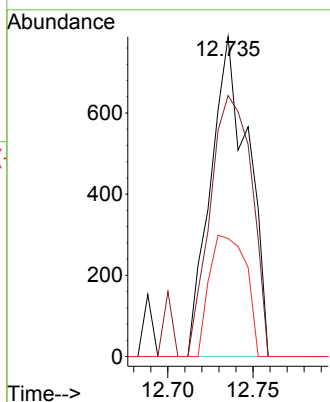
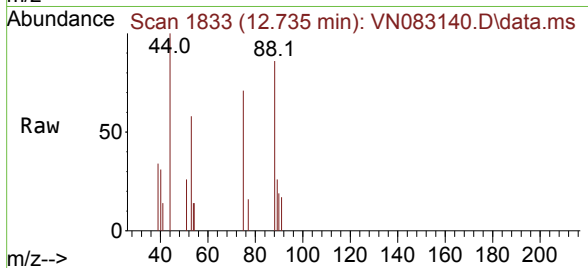




#81
trans-1,4-Dichloro-2-butene
Concen: 0.973 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

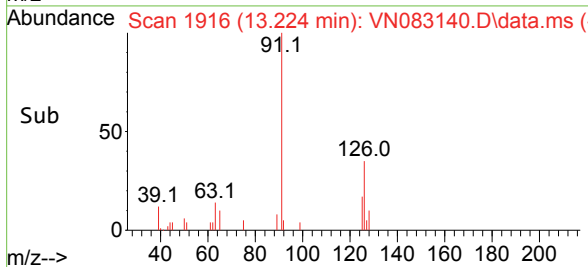
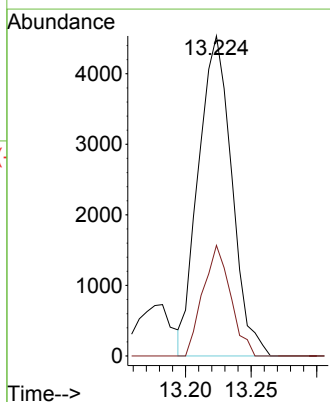
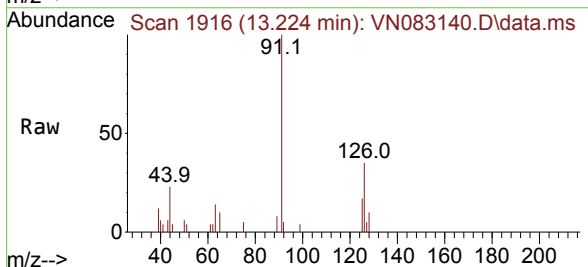
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

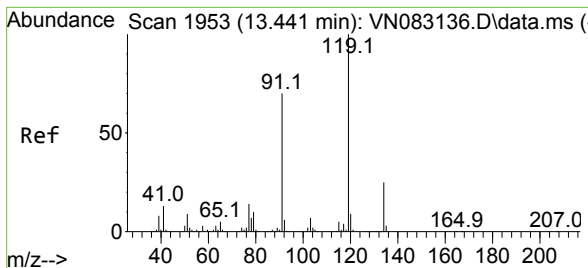
Tgt Ion: 75 Resp: 1207
Ion Ratio Lower Upper
75 100
53 90.2 88.4 132.6
89 37.0 36.3 54.5



#82
4-Chlorotoluene
Concen: 1.065 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

Tgt Ion: 91 Resp: 8018
Ion Ratio Lower Upper
91 100
126 28.6 16.2 48.6





#83

tert-Butylbenzene

Concen: 1.001 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.006 min

Lab File: VN083140.D

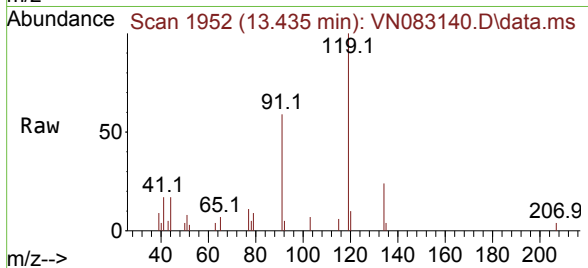
Acq: 07 Aug 2024 12:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001



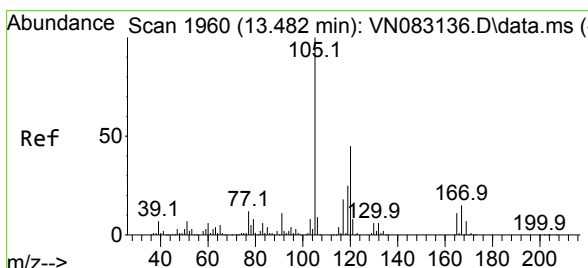
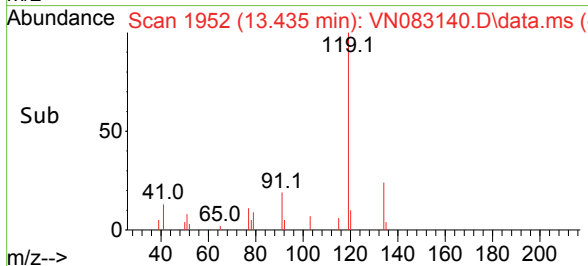
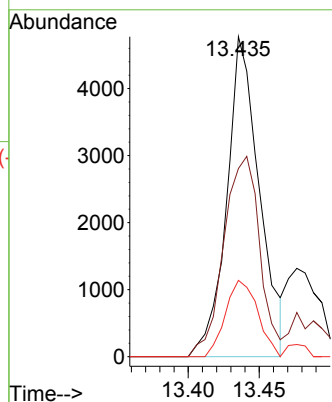
Tgt Ion:119 Resp: 7628

Ion Ratio Lower Upper

119 100

91 69.2 35.0 105.1

134 23.5 13.3 39.8



#84

1,2,4-Trimethylbenzene

Concen: 0.968 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN083140.D

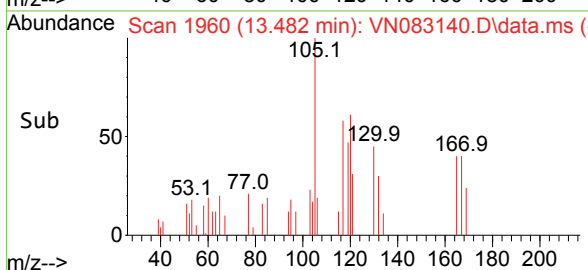
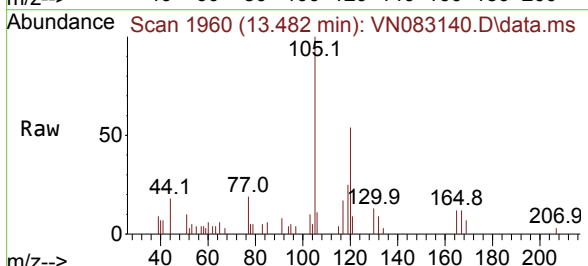
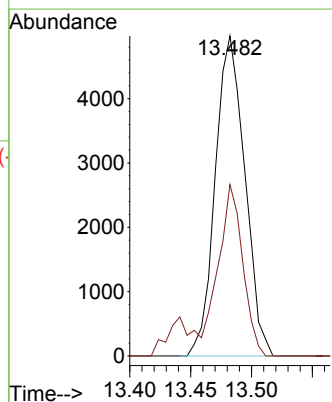
Acq: 07 Aug 2024 12:34

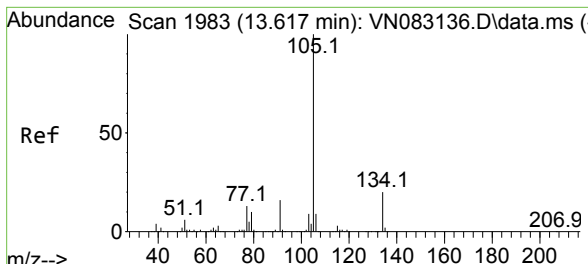
Tgt Ion:105 Resp: 8397

Ion Ratio Lower Upper

105 100

120 44.1 21.9 65.8

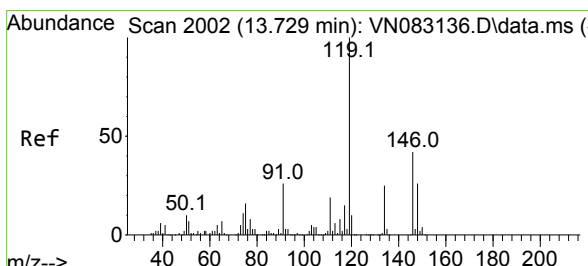
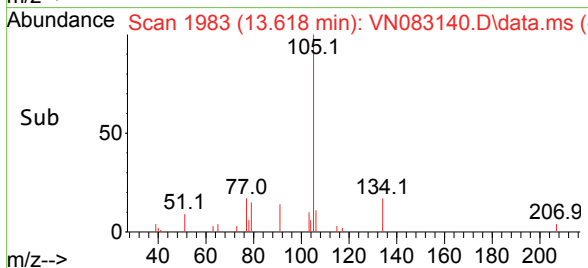
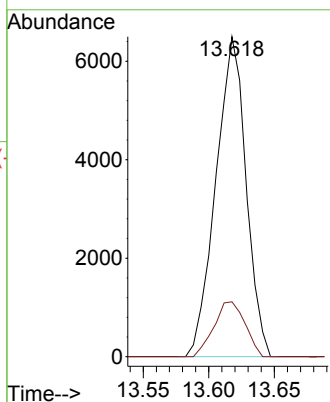
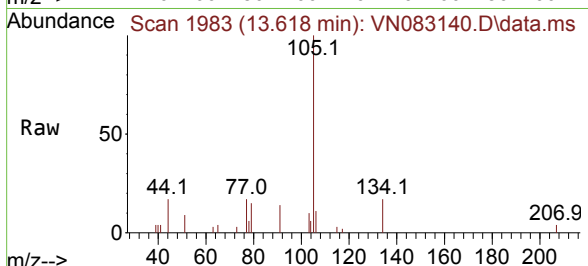




#85
 sec-Butylbenzene
 Concen: 1.001 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083140.D
 Acq: 07 Aug 2024 12:34

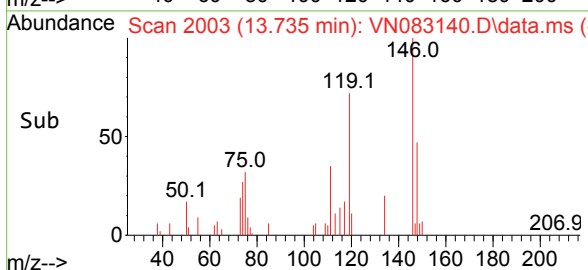
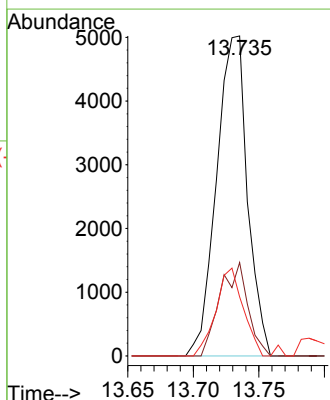
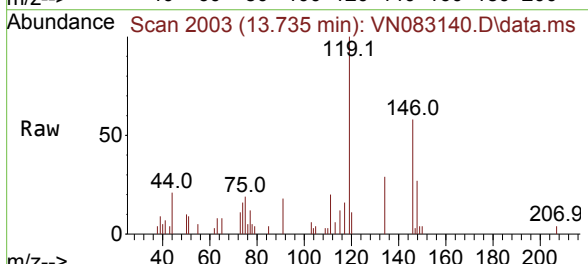
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

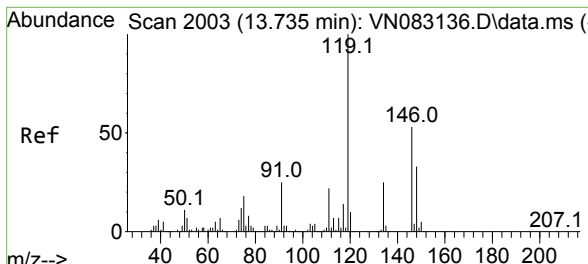
Tgt Ion:105 Resp: 10411
 Ion Ratio Lower Upper
 105 100
 134 17.7 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 0.960 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN083140.D
 Acq: 07 Aug 2024 12:34

Tgt Ion:119 Resp: 8247
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.0 39.0
 91 24.2 12.3 36.9

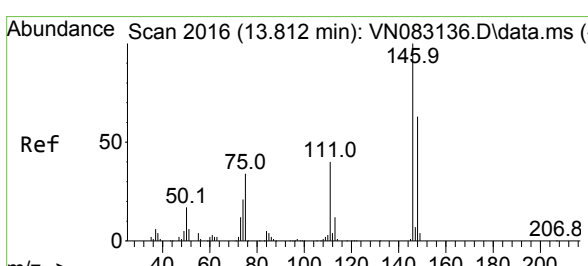
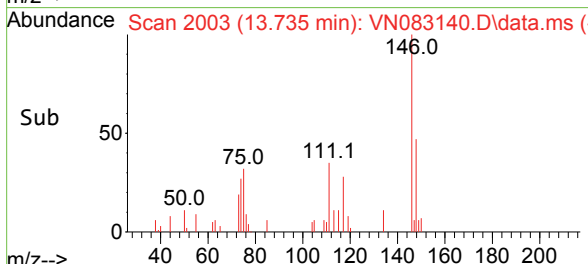
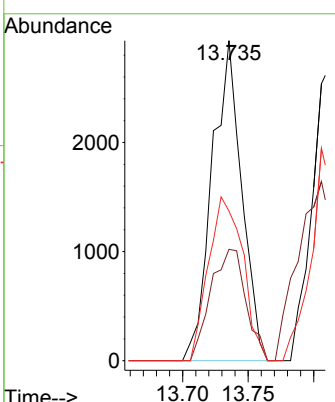
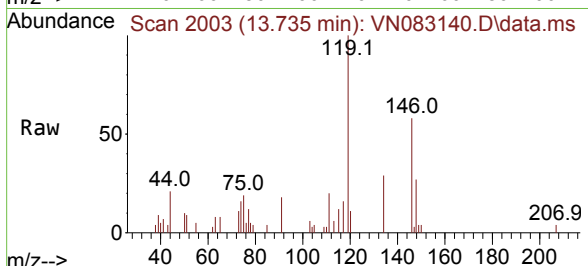




#87
 1,3-Dichlorobenzene
 Concen: 1.070 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN083140.D
 Acq: 07 Aug 2024 12:34

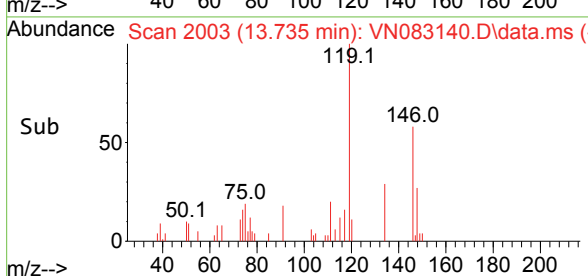
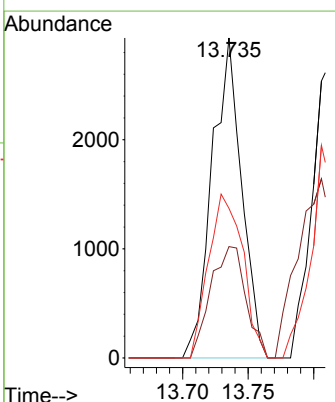
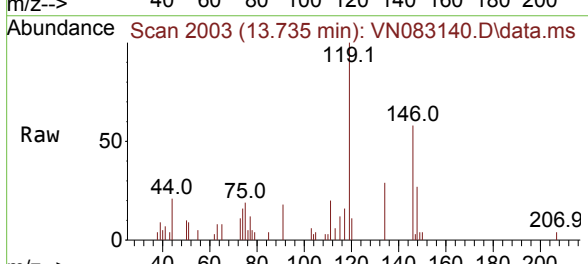
Instrument : MSVOA_N
 ClientSampleId : VSTDIC001

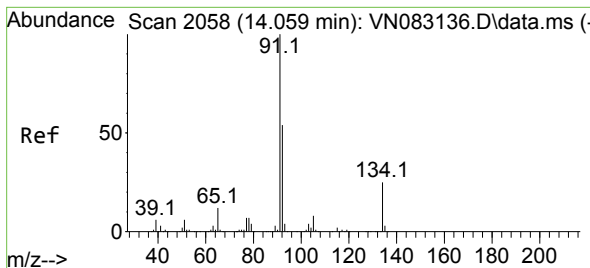
Tgt Ion:	146	Resp:	4598
Ion Ratio	Lower	Upper	
146	100		
111	41.5	20.6	61.9
148	59.5	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 1.061 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.076 min
 Lab File: VN083140.D
 Acq: 07 Aug 2024 12:34

Tgt Ion:	146	Resp:	4598
Ion Ratio	Lower	Upper	
146	100		
111	41.5	20.1	60.3
148	59.5	32.2	96.6





#89

n-Butylbenzene

Concen: 0.942 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.006 min

Lab File: VN083140.D

Acq: 07 Aug 2024 12:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

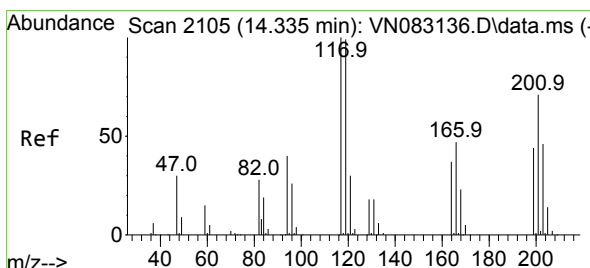
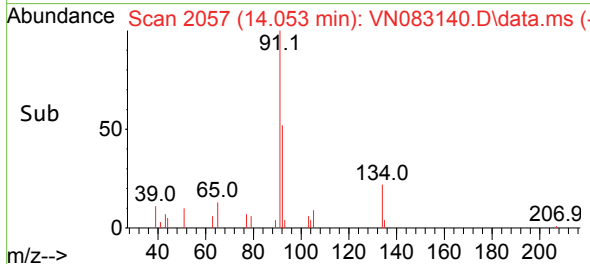
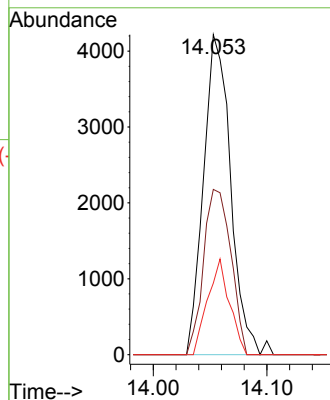
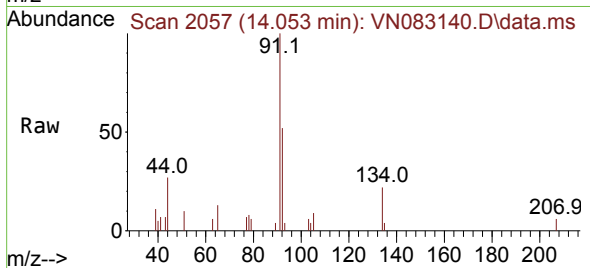
Tgt Ion: 91 Resp: 7008

Ion Ratio Lower Upper

91 100

92 52.0 26.1 78.3

134 24.1 12.1 36.3



#90

Hexachloroethane

Concen: 0.918 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN083140.D

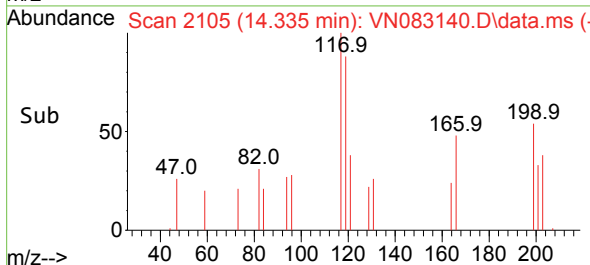
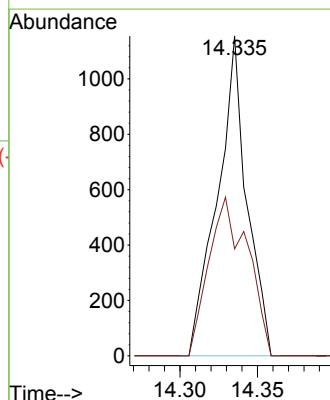
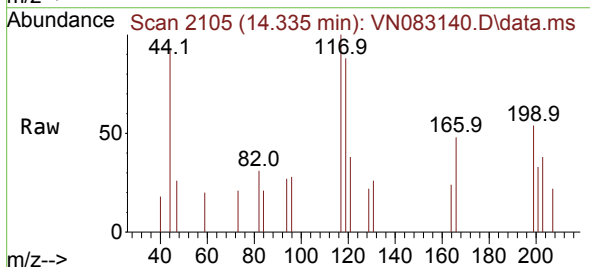
Acq: 07 Aug 2024 12:34

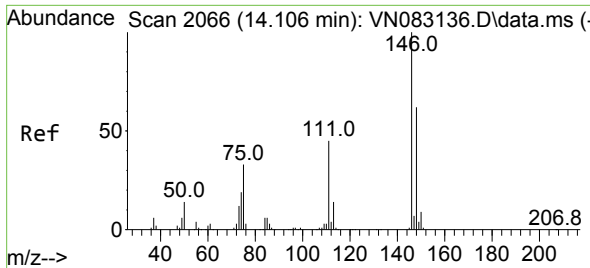
Tgt Ion: 117 Resp: 1524

Ion Ratio Lower Upper

117 100

201 65.7 35.8 107.3

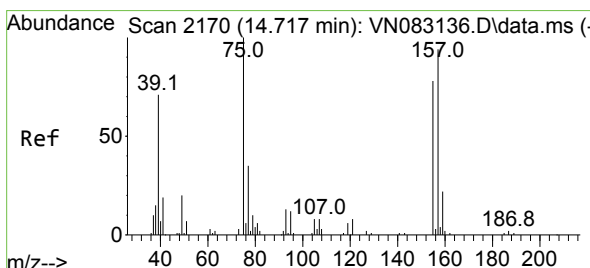
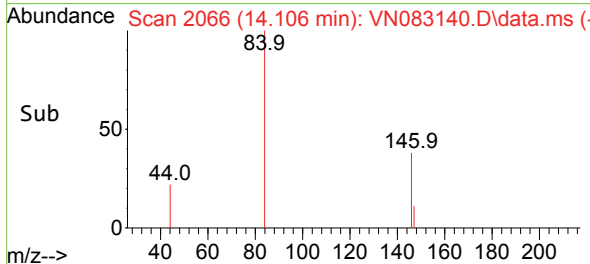
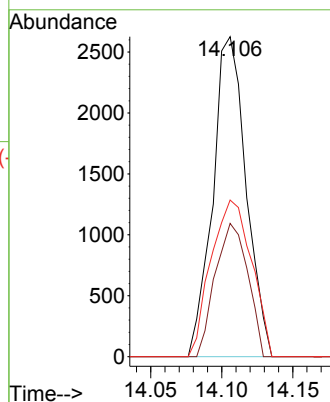
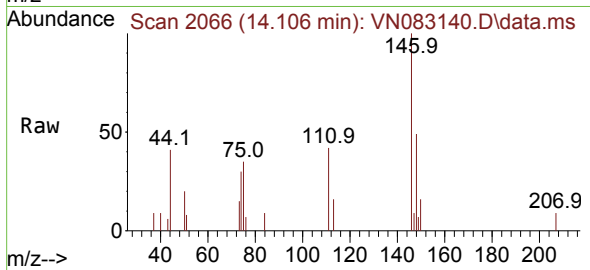




#91
1,2-Dichlorobenzene
Concen: 1.029 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

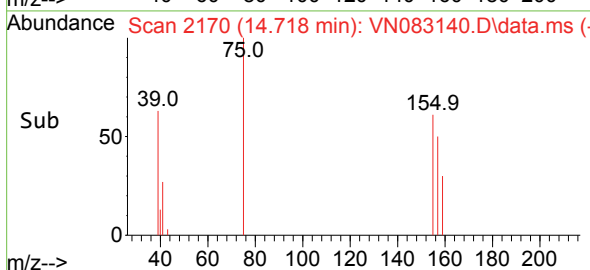
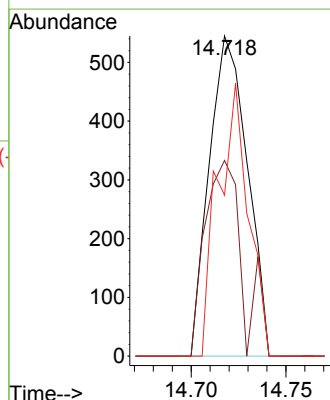
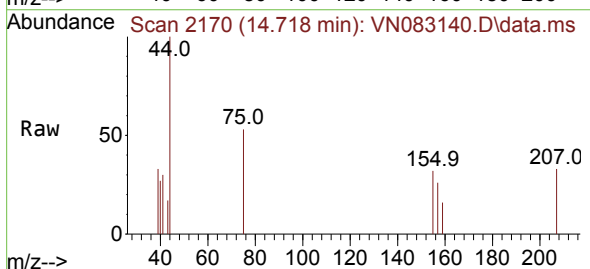
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

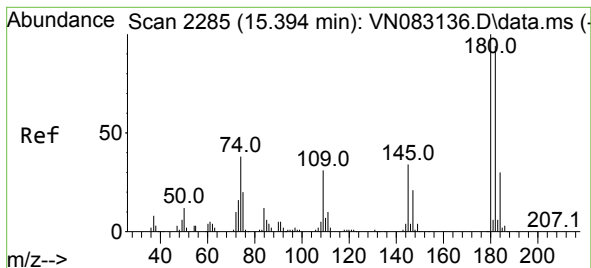
Tgt Ion:146 Resp: 4279
Ion Ratio Lower Upper
146 100
111 40.7 21.4 64.2
148 59.6 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.081 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

Tgt Ion: 75 Resp: 763
Ion Ratio Lower Upper
75 100
155 59.5 36.6 109.8
157 67.9 46.9 140.6





#93

1,2,4-Trichlorobenzene

Concen: 1.070 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN083140.D

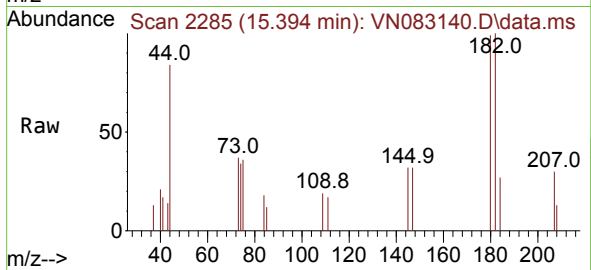
Acq: 07 Aug 2024 12:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001



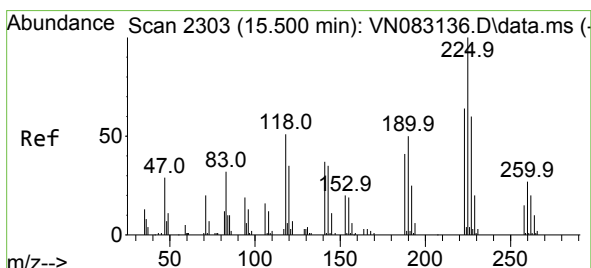
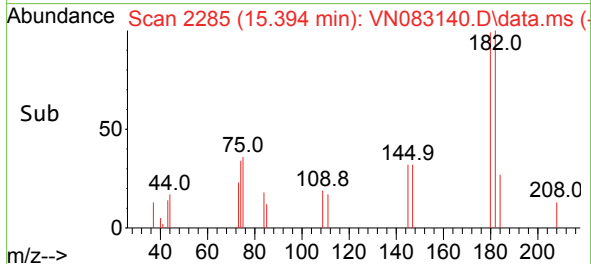
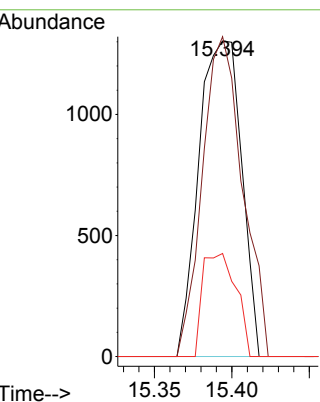
Tgt Ion:180 Resp: 2493

Ion Ratio Lower Upper

180 100

182 95.5 47.3 141.8

145 25.6 15.7 47.1



#94

Hexachlorobutadiene

Concen: 1.140 ug/l

RT: 15.512 min Scan# 2305

Delta R.T. 0.012 min

Lab File: VN083140.D

Acq: 07 Aug 2024 12:34

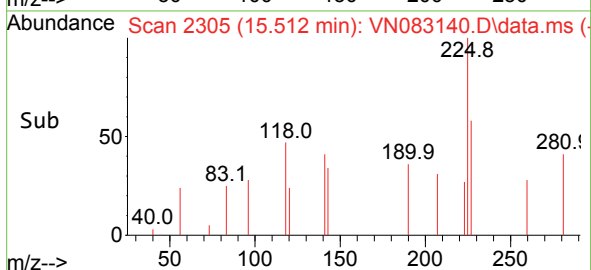
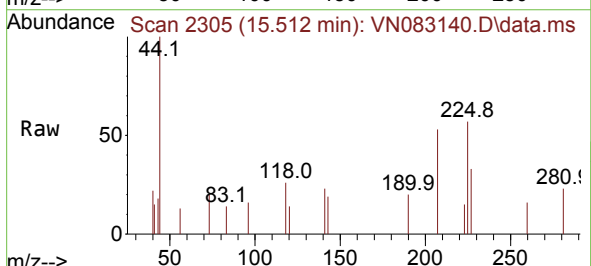
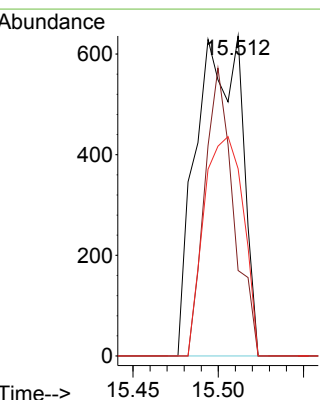
Tgt Ion:225 Resp: 1181

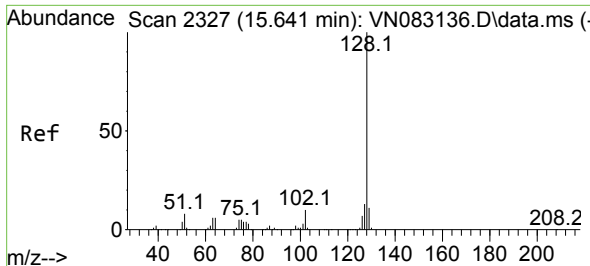
Ion Ratio Lower Upper

225 100

223 57.0 31.9 95.7

227 59.4 32.5 97.5

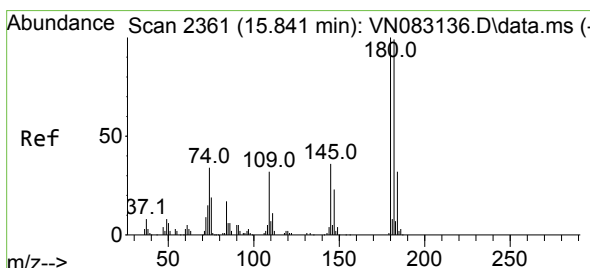
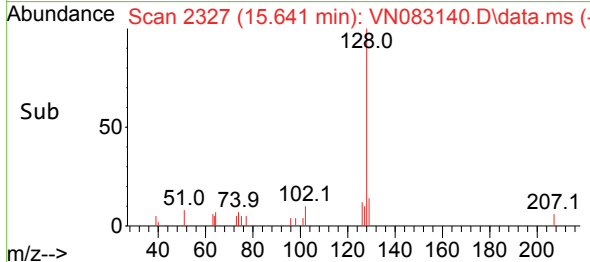
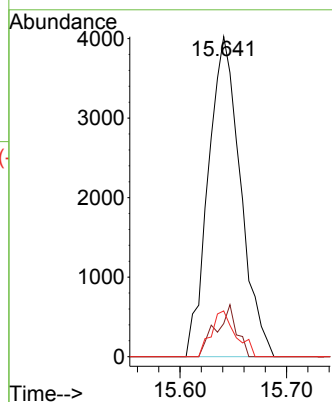
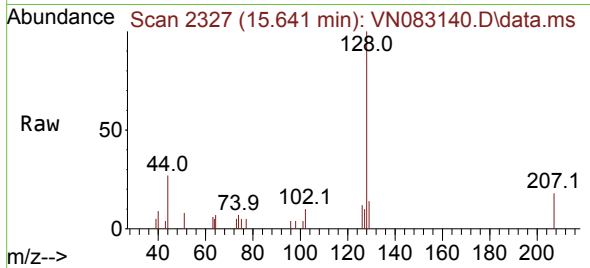




#95
Naphthalene
Concen: 1.021 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:128 Resp: 8430
Ion Ratio Lower Upper
128 100
127 10.4 10.6 16.0#
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 1.036 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.006 min
Lab File: VN083140.D
Acq: 07 Aug 2024 12:34

Tgt Ion:180 Resp: 2389
Ion Ratio Lower Upper
180 100
182 93.8 48.9 146.8
145 36.6 16.8 50.4

