

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080724\
 Data File : VN083137.D
 Acq On : 07 Aug 2024 11:22
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Aug 08 06:16:37 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	212913	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	362741	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	313255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	149244	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	51159	16.881	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	33.760%#
35) Dibromofluoromethane	8.171	113	38354	16.940	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	33.880%#
50) Toluene-d8	10.565	98	142952	16.926	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	33.860%#
62) 4-Bromofluorobenzene	12.847	95	56566	17.179	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	34.360%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	48191	19.959	ug/l	95
3) Chloromethane	2.359	50	49777	20.137	ug/l	99
4) Vinyl Chloride	2.512	62	50108	19.866	ug/l	97
5) Bromomethane	2.942	94	31525	20.143	ug/l	89
6) Chloroethane	3.112	64	30331	19.221	ug/l	100
7) Trichlorofluoromethane	3.489	101	85550	20.531	ug/l	99
8) Diethyl Ether	3.959	74	31256	20.158	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.365	101	46683	20.321	ug/l	99
10) Methyl Iodide	4.589	142	59865	19.810	ug/l	96
11) Tert butyl alcohol	5.530	59	62317	98.946	ug/l	97
12) 1,1-Dichloroethene	4.342	96	45786	19.399	ug/l	89
13) Acrolein	4.183	56	35516	86.524	ug/l	97
14) Allyl chloride	5.018	41	90544	20.301	ug/l	87
15) Acrylonitrile	5.718	53	129316	99.835	ug/l	99
16) Acetone	4.430	43	110676	93.330	ug/l	95
17) Carbon Disulfide	4.712	76	135927	19.683	ug/l	97
18) Methyl Acetate	5.030	43	65871	18.644	ug/l #	91
19) Methyl tert-butyl Ether	5.800	73	172740	20.277	ug/l	97
20) Methylene Chloride	5.271	84	52716	19.316	ug/l	84
21) trans-1,2-Dichloroethene	5.789	96	49121	20.137	ug/l	94
22) Diisopropyl ether	6.671	45	168267	20.070	ug/l #	95
23) Vinyl Acetate	6.600	43	942208	109.664	ug/l	96
24) 1,1-Dichloroethane	6.571	63	93066	20.366	ug/l	97
25) 2-Butanone	7.488	43	180458	99.107	ug/l	93
26) 2,2-Dichloropropane	7.488	77	86767	20.445	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	58852	19.993	ug/l	92
28) Bromochloromethane	7.812	49	35768	19.153	ug/l	86
29) Tetrahydrofuran	7.841	42	115821	98.399	ug/l #	86
30) Chloroform	7.965	83	94560	19.917	ug/l	98
31) Cyclohexane	8.253	56	85978	19.144	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	90748	20.194	ug/l	91
36) 1,1-Dichloropropene	8.377	75	68425	19.978	ug/l	98
37) Ethyl Acetate	7.565	43	72806	18.985	ug/l #	93
38) Carbon Tetrachloride	8.359	117	79487	20.605	ug/l	98
39) Methylcyclohexane	9.600	83	85173	20.246	ug/l	95
40) Benzene	8.606	78	207581	20.345	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	43539	19.968	ug/l	97
42) 1,2-Dichloroethane	8.671	62	74567	20.062	ug/l	97
43) Isopropyl Acetate	8.688	43	138715	19.459	ug/l #	95
44) Trichloroethene	9.353	130	49712	20.469	ug/l	98
45) 1,2-Dichloropropane	9.624	63	49878	20.594	ug/l	100
46) Dibromomethane	9.712	93	35560	20.512	ug/l	98
47) Bromodichloromethane	9.888	83	78421	20.147	ug/l	99
48) Methyl methacrylate	9.682	41	61044	19.254	ug/l	92
49) 1,4-Dioxane	9.694	88	23083	403.558	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	374332	103.224	ug/l	93
52) Toluene	10.629	92	131247	20.358	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	83139	20.793	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	86551	20.351	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	48081	20.811	ug/l	94
56) Ethyl methacrylate	10.877	69	89503	20.550	ug/l	88
57) 1,3-Dichloropropane	11.165	76	84272	20.464	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	175345	95.242	ug/l	96
59) 2-Hexanone	11.194	43	286222	102.020	ug/l	92
60) Dibromochloromethane	11.359	129	57571	20.610	ug/l	98
61) 1,2-Dibromoethane	11.471	107	48753	20.088	ug/l	98
64) Tetrachloroethene	11.106	164	42332	20.405	ug/l	94
65) Chlorobenzene	11.894	112	137984	19.933	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	48247	19.762	ug/l	99
67) Ethyl Benzene	11.965	91	258237	20.335	ug/l	98
68) m/p-Xylenes	12.071	106	193256	40.625	ug/l	99
69) o-Xylene	12.400	106	95153	20.281	ug/l	99
70) Styrene	12.412	104	161342	20.475	ug/l	98
71) Bromoform	12.576	173	38761	20.957	ug/l #	100
73) Isopropylbenzene	12.694	105	246711	19.764	ug/l	100
74) N-amyl acetate	12.494	43	116100	19.014	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	69449	19.670	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	99617	30.363	ug/l	44
77) Bromobenzene	12.982	156	55327	19.952	ug/l	94
78) n-propylbenzene	13.035	91	283745	19.740	ug/l	99
79) 2-Chlorotoluene	13.123	91	180682	19.827	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	208367	19.938	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	31260	20.759	ug/l #	83
82) 4-Chlorotoluene	13.223	91	179932	19.684	ug/l	98
83) tert-Butylbenzene	13.441	119	184965	19.985	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	210474	19.984	ug/l	100
85) sec-Butylbenzene	13.618	105	250829	19.862	ug/l	100
86) p-Isopropyltoluene	13.729	119	208404	19.986	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	103819	19.897	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	103132	19.605	ug/l	97
89) n-Butylbenzene	14.053	91	180483	19.975	ug/l	97
90) Hexachloroethane	14.335	117	40982	20.343	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	99334	19.673	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	16552	19.320	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	56299	19.902	ug/l	98
94) Hexachlorobutadiene	15.500	225	23725	18.859	ug/l	99
95) Naphthalene	15.641	128	200875	20.047	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	54944	19.630	ug/l	96

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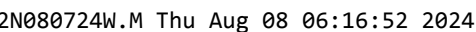
Instrument :
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VSTDICC020

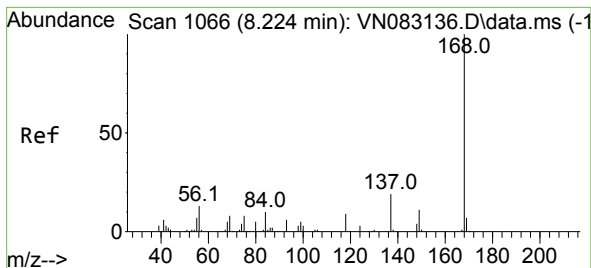
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

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ClientSampleId :

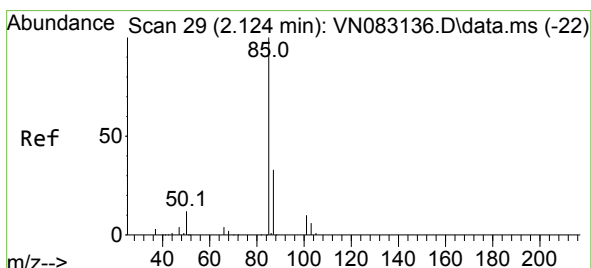
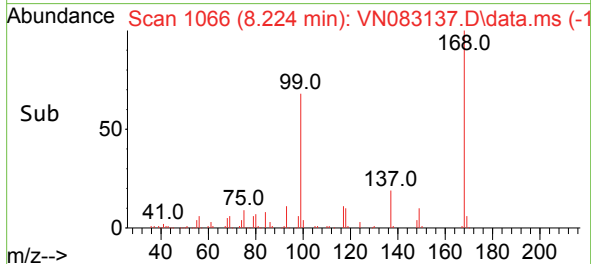
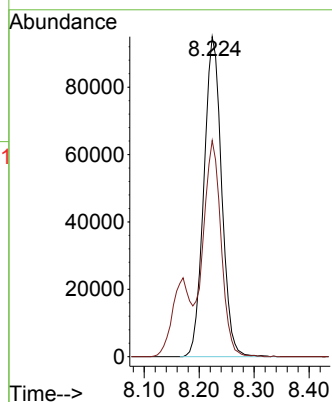
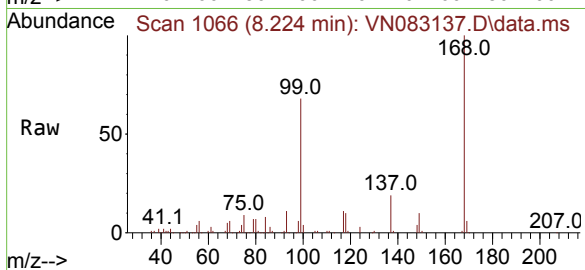
VSTDIC020

Tgt Ion:168 Resp: 212913

Ion Ratio Lower Upper

168 100

99 67.5 48.2 72.4



#2

Dichlorodifluoromethane

Concen: 19.959 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN083137.D

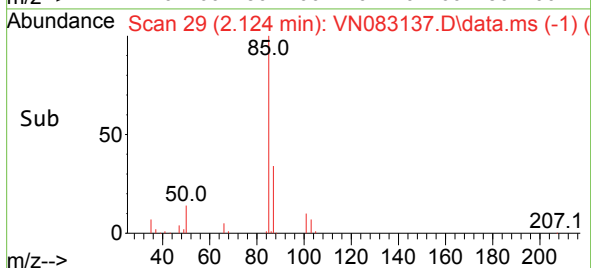
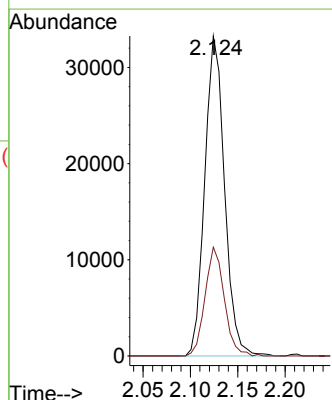
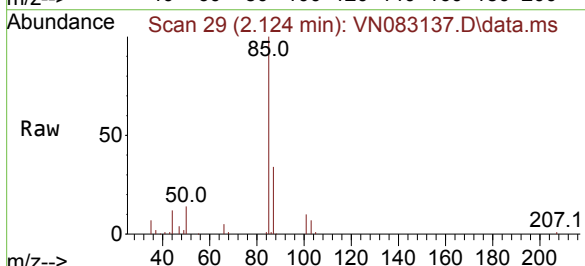
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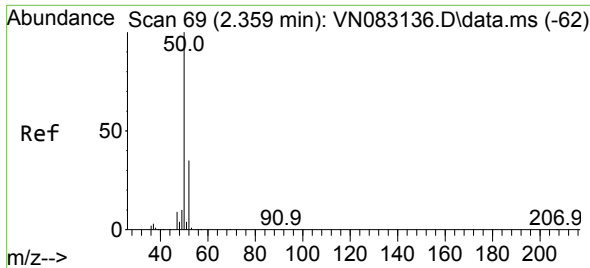
Tgt Ion: 85 Resp: 48191

Ion Ratio Lower Upper

85 100

87 34.0 15.7 47.0

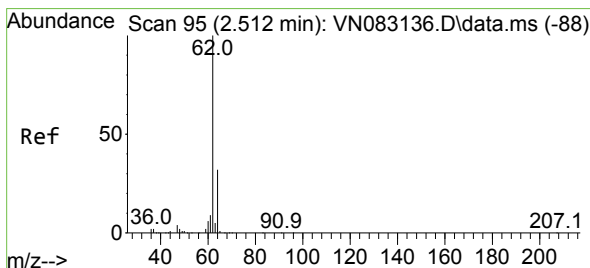
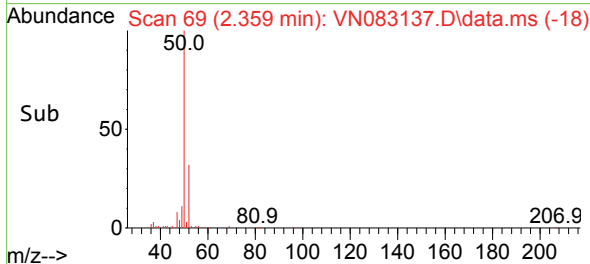
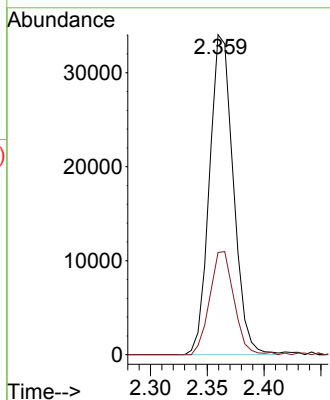
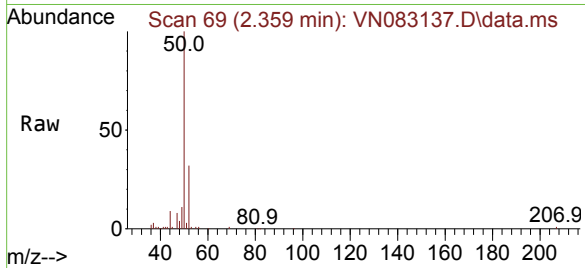




#3
Chloromethane
Concen: 20.137 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

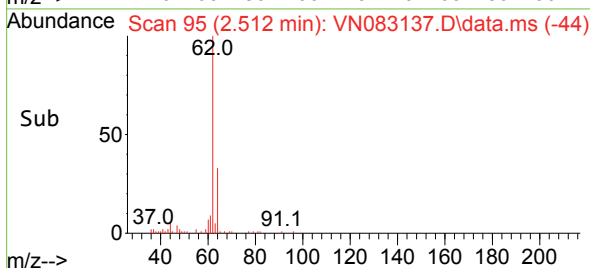
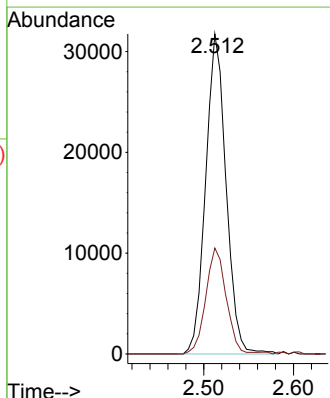
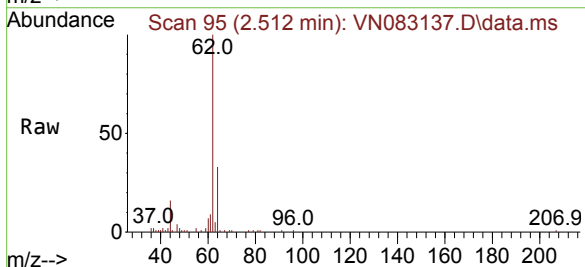
Instrument :
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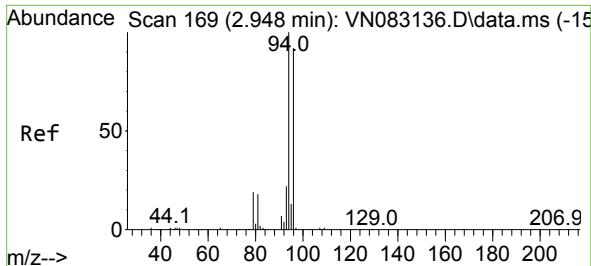
Tgt Ion: 50 Resp: 49777
Ion Ratio Lower Upper
50 100
52 31.9 25.0 37.4



#4
Vinyl Chloride
Concen: 19.866 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

Tgt Ion: 62 Resp: 50108
Ion Ratio Lower Upper
62 100
64 33.1 25.0 37.6

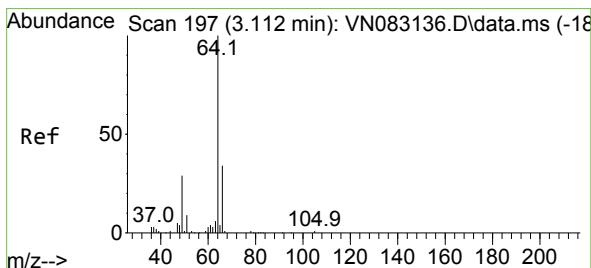
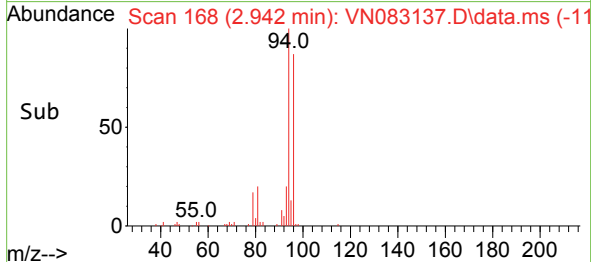
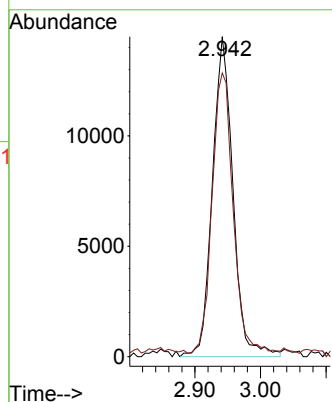
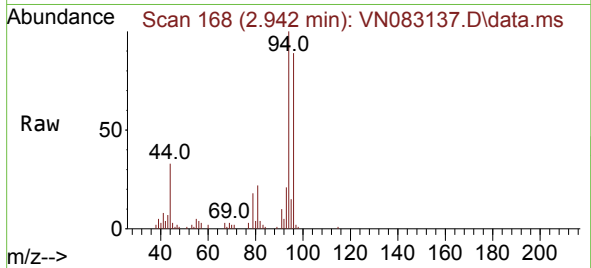




#5
Bromomethane
Concen: 20.143 ug/l
RT: 2.942 min Scan# 169
Delta R.T. -0.006 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

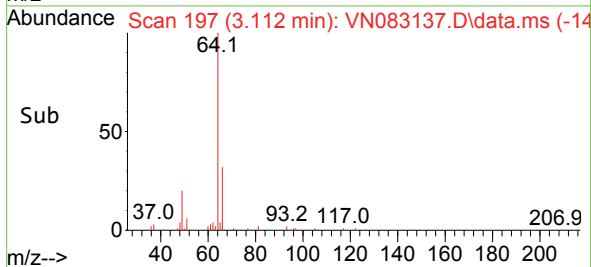
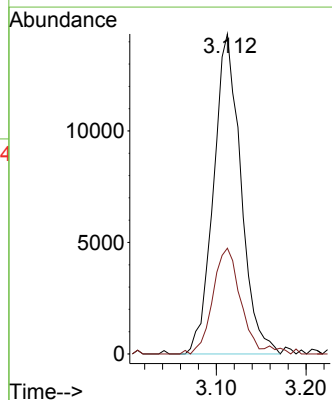
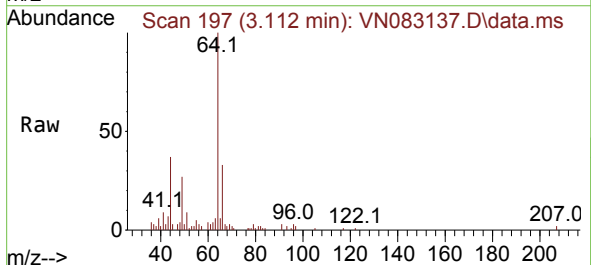
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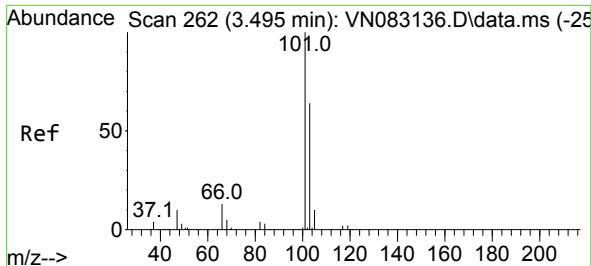
Tgt Ion: 94 Resp: 31525
Ion Ratio Lower Upper
94 100
96 87.1 78.0 117.0



#6
Chloroethane
Concen: 19.221 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

Tgt Ion: 64 Resp: 30331
Ion Ratio Lower Upper
64 100
66 33.0 26.6 40.0

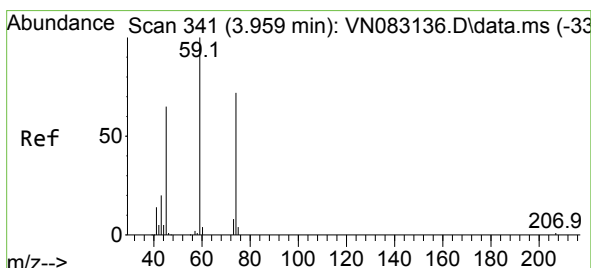
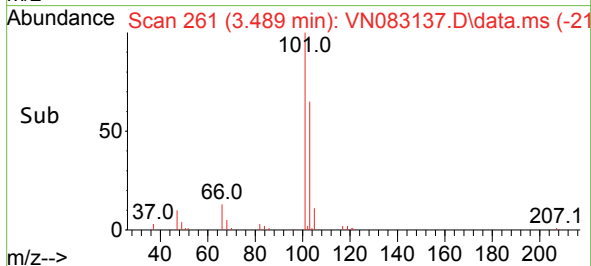
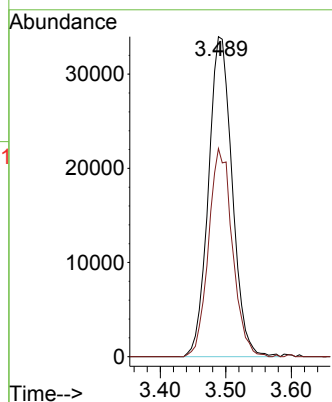
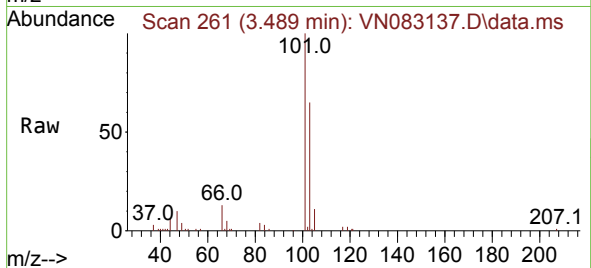




#7
Trichlorofluoromethane
Concen: 20.531 ug/l
RT: 3.489 min Scan# 262
Delta R.T. -0.006 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

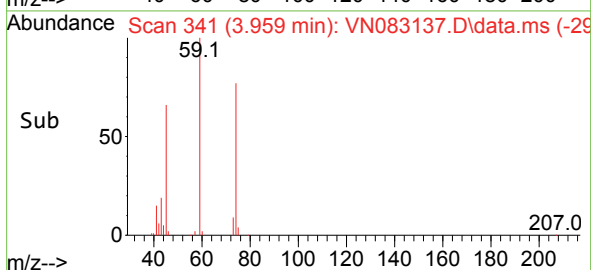
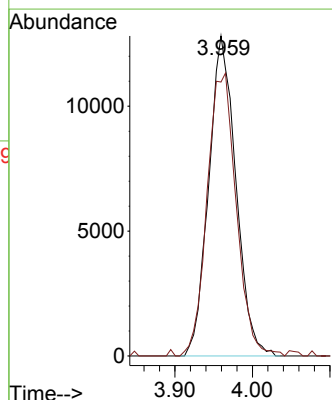
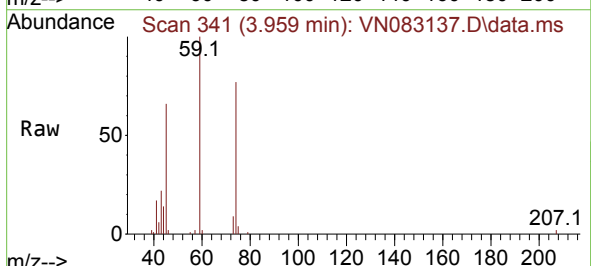
Instrument :
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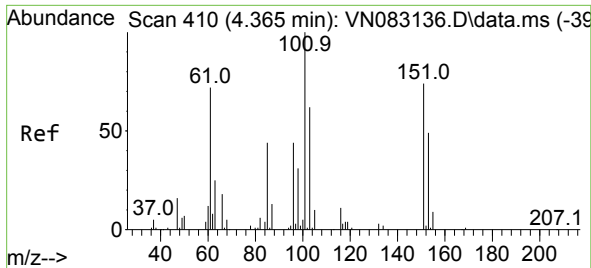
Tgt Ion:101 Resp: 85550
Ion Ratio Lower Upper
101 100
103 65.0 52.7 79.1



#8
Diethyl Ether
Concen: 20.158 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 31256
Ion Ratio Lower Upper
74 100
45 94.8 55.5 166.3

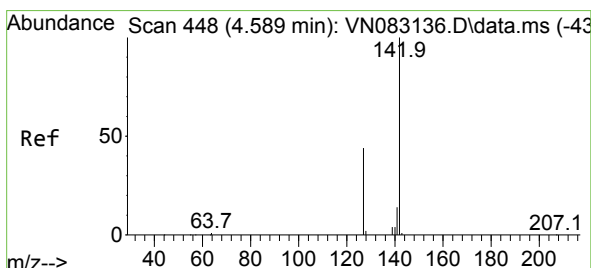
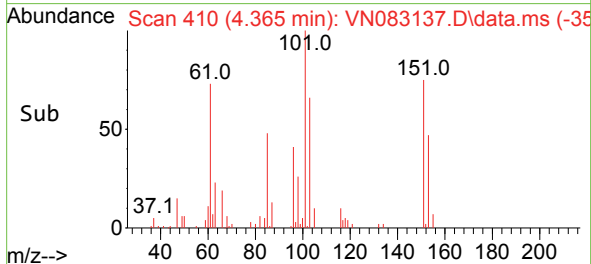
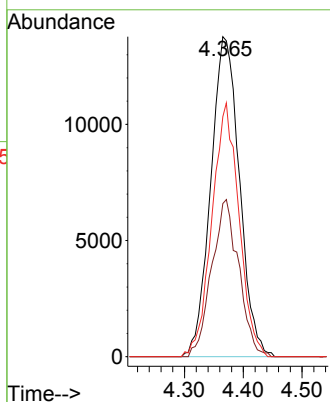
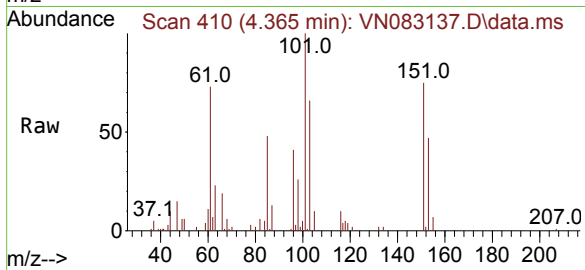




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.321 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

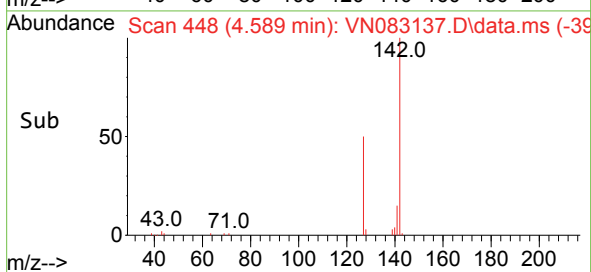
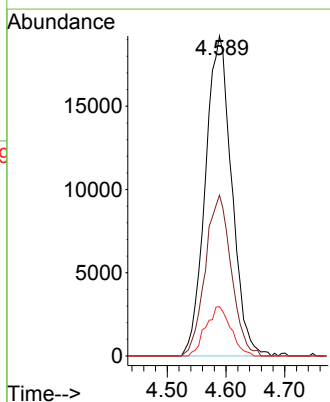
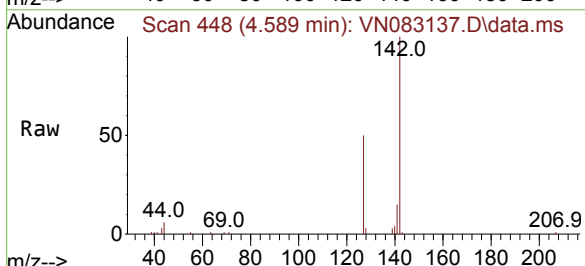
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

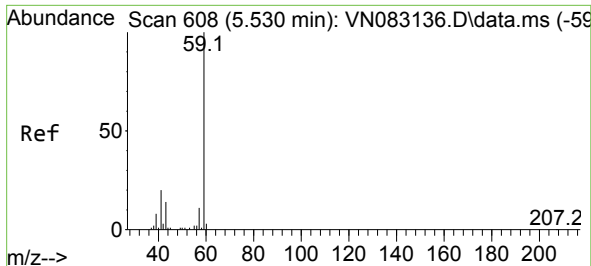
Tgt Ion:101 Resp: 46683
Ion Ratio Lower Upper
101 100
85 46.5 38.3 57.5
151 74.6 59.3 88.9



#10
Methyl Iodide
Concen: 19.810 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

Tgt Ion:142 Resp: 59865
Ion Ratio Lower Upper
142 100
127 50.3 37.5 56.3
141 15.4 13.1 19.7

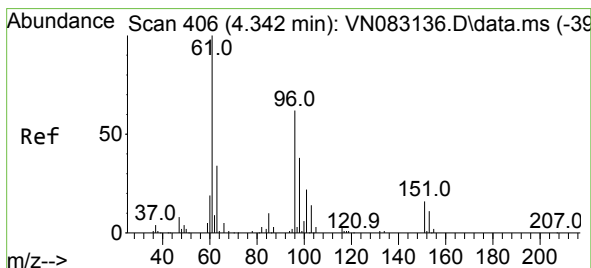
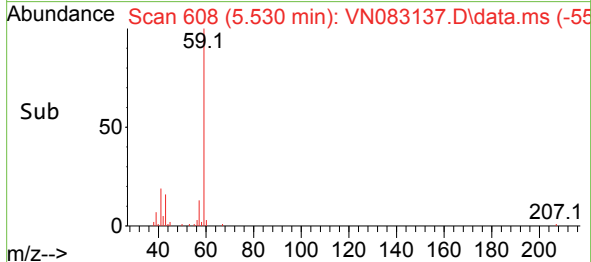
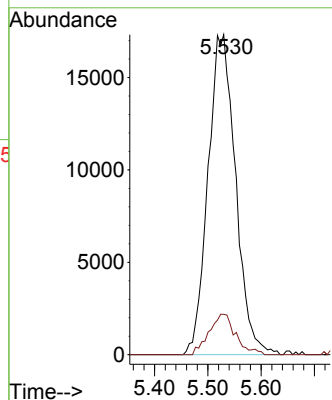
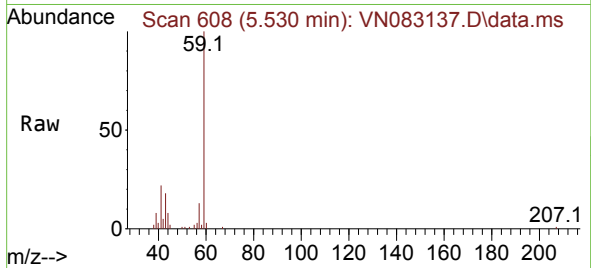




#11
Tert butyl alcohol
Concen: 98.946 ug/l
RT: 5.530 min Scan# 608
Delta R.T. 0.000 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

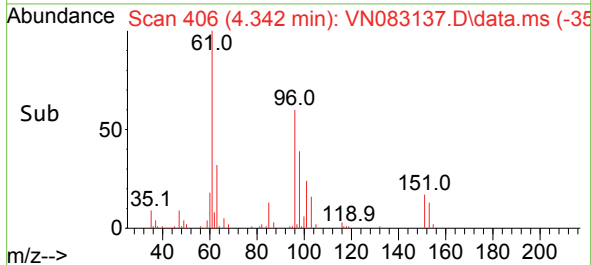
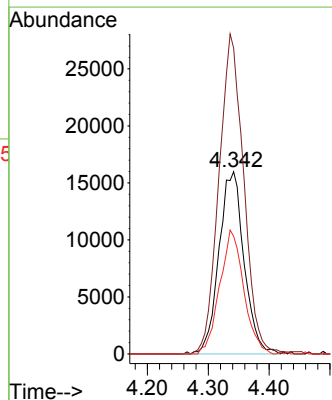
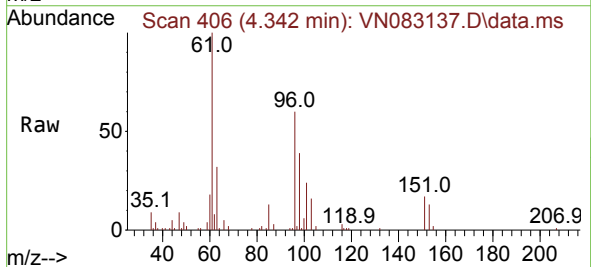
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

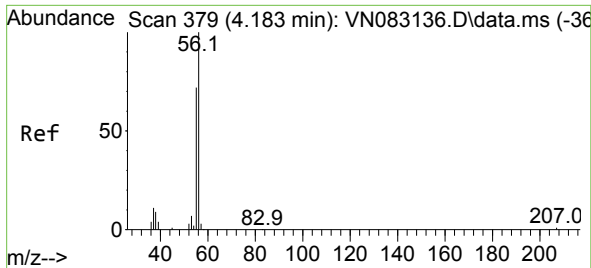
Tgt Ion: 59 Resp: 62317
Ion Ratio Lower Upper
59 100
57 12.2 8.9 13.3



#12
1,1-Dichloroethene
Concen: 19.399 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

Tgt Ion: 96 Resp: 45786
Ion Ratio Lower Upper
96 100
61 167.8 149.7 224.5
98 64.7 50.1 75.1





#13

Acrolein

Concen: 86.524 ug/l

RT: 4.183 min Scan# 379

Delta R.T. 0.000 min

Lab File: VN083137.D

Acq: 07 Aug 2024 11:22

Instrument :

MSVOA_N

ClientSampleId :

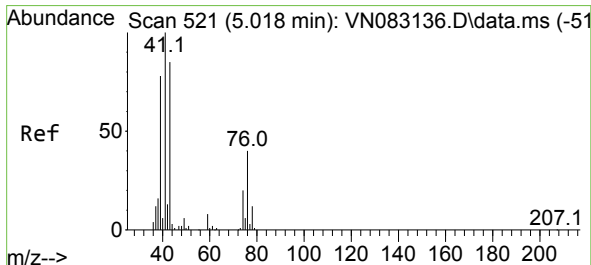
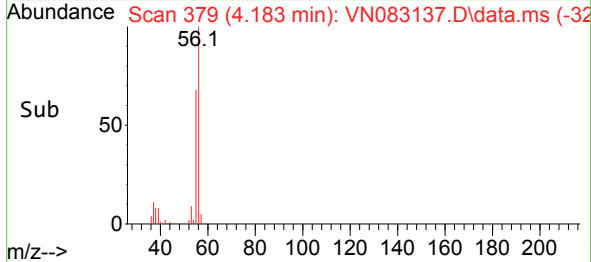
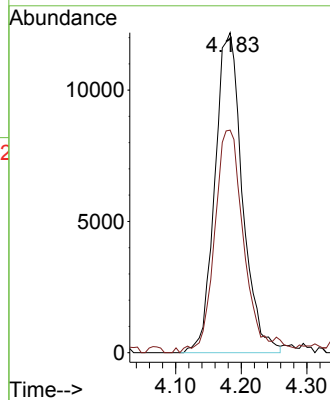
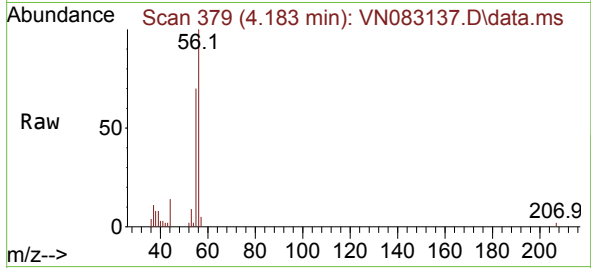
VSTDICC020

Tgt Ion: 56 Resp: 35516

Ion Ratio Lower Upper

56 100

55 72.6 56.4 84.6



#14

Allyl chloride

Concen: 20.301 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN083137.D

Acq: 07 Aug 2024 11:22

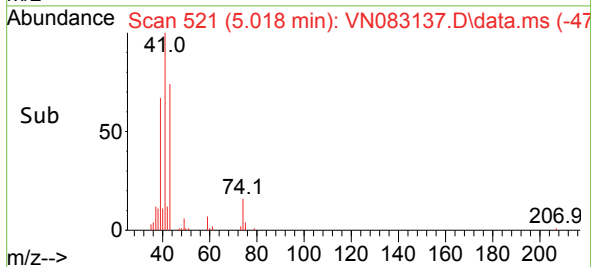
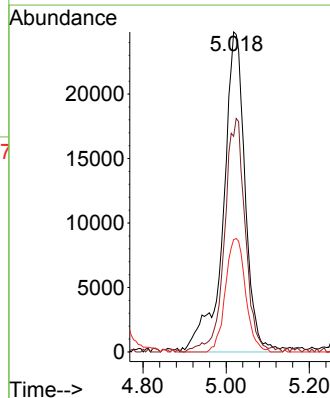
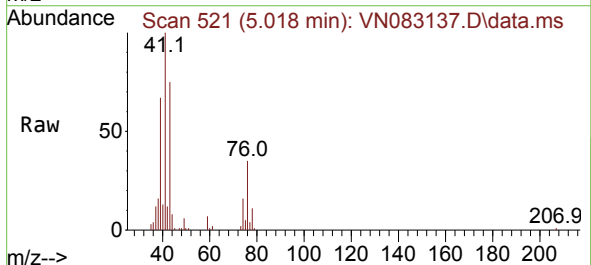
Tgt Ion: 41 Resp: 90544

Ion Ratio Lower Upper

41 100

39 69.0 67.8 101.6

76 32.7 25.8 38.8

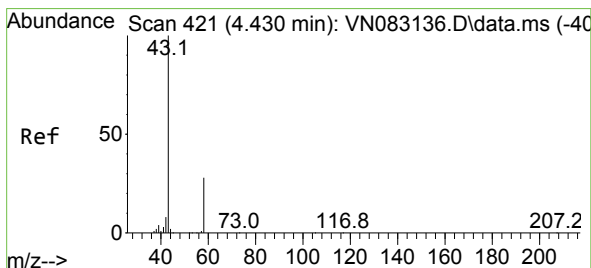
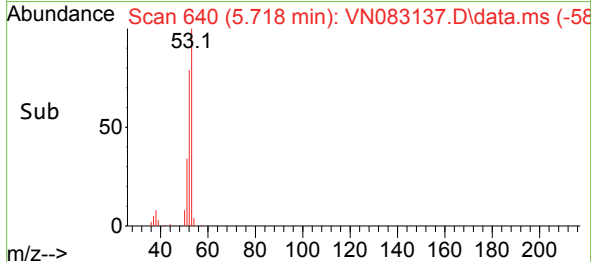
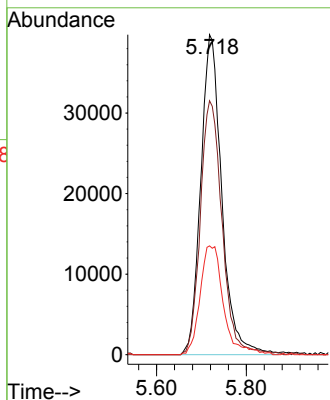
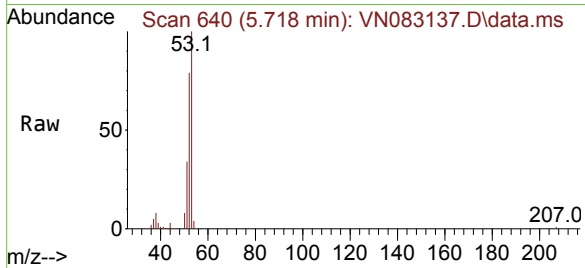




#15
Acrylonitrile
Concen: 99.835 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

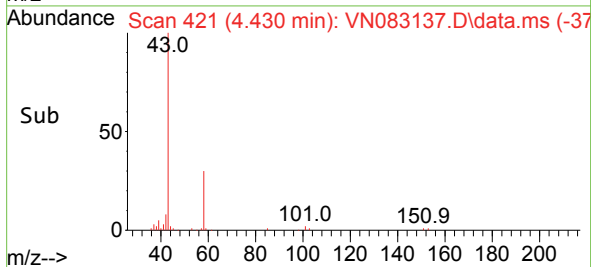
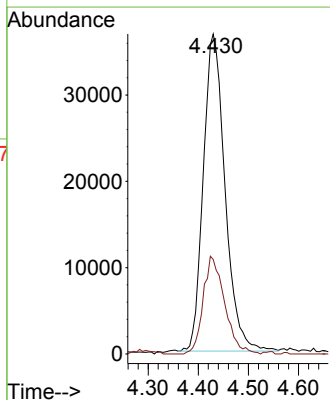
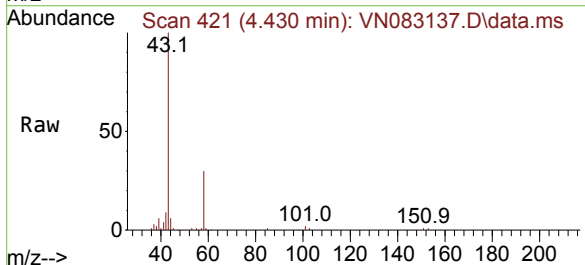
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

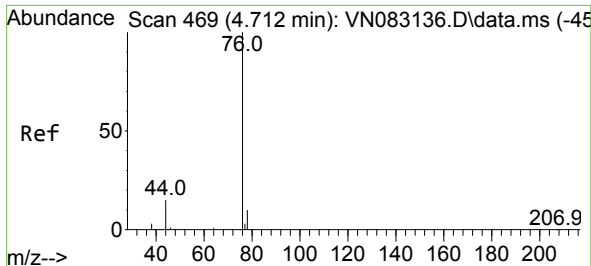
Tgt Ion: 53 Resp: 129316
Ion Ratio Lower Upper
53 100
52 82.1 66.6 100.0
51 37.7 30.1 45.1



#16
Acetone
Concen: 93.330 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

Tgt Ion: 43 Resp: 110676
Ion Ratio Lower Upper
43 100
58 29.8 21.8 32.6

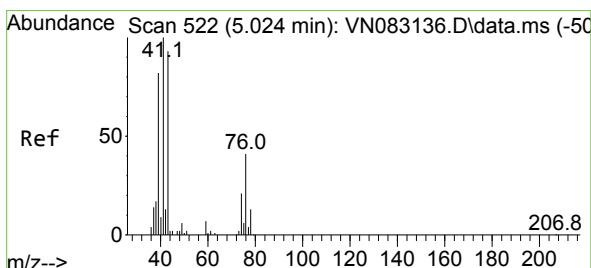
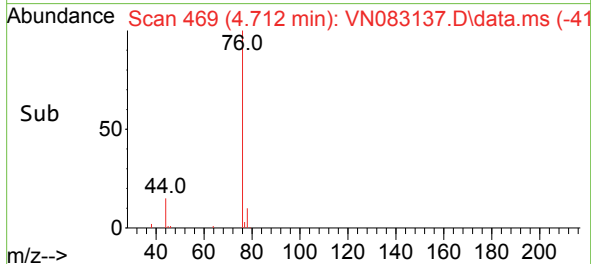
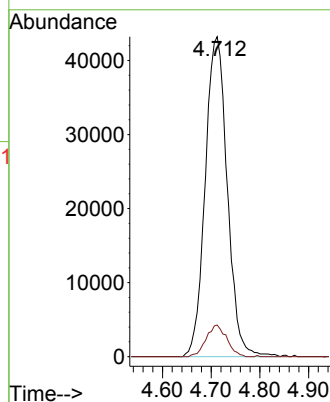
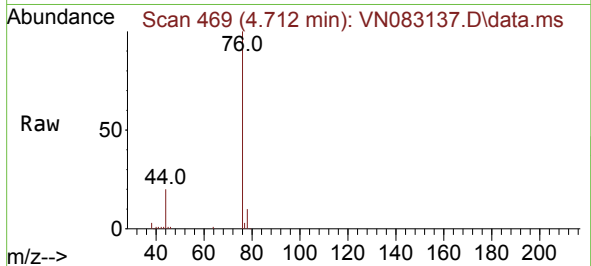




#17
Carbon Disulfide
Concen: 19.683 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

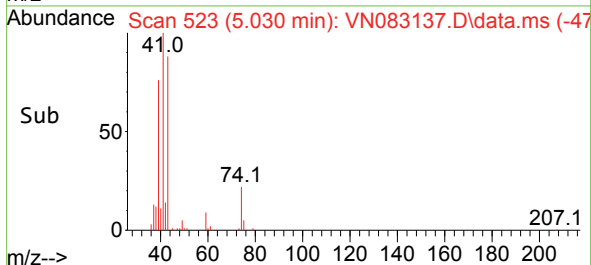
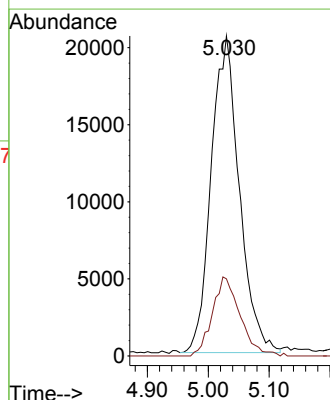
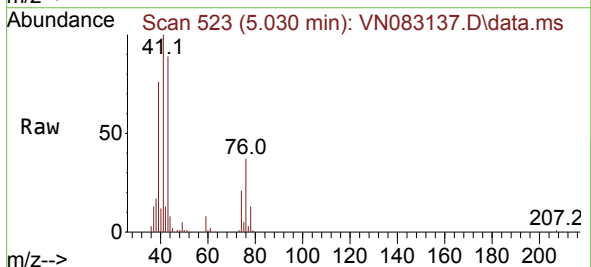
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MSVOA_N
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VSTDICC020

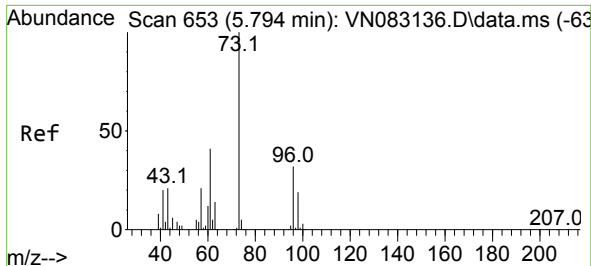
Tgt Ion: 76 Resp: 135927
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8



#18
Methyl Acetate
Concen: 18.644 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

Tgt Ion: 43 Resp: 65871
Ion Ratio Lower Upper
43 100
74 24.5 16.3 24.5#

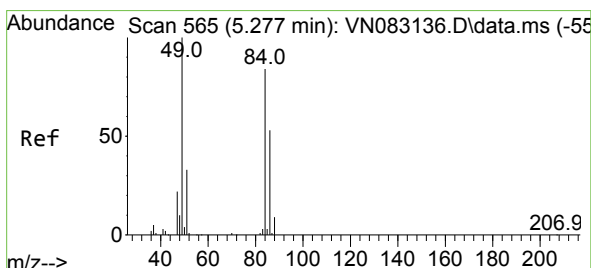
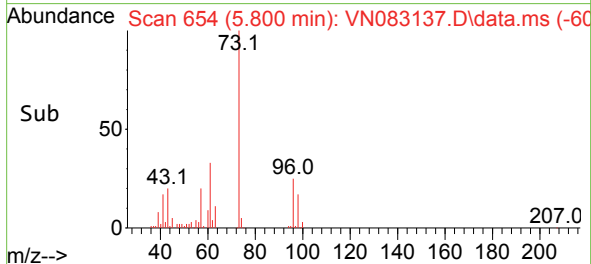
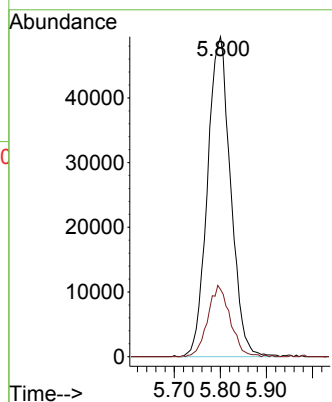
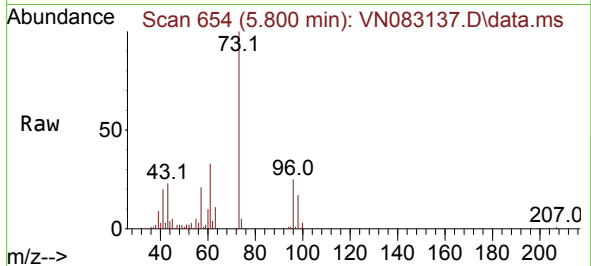




#19
Methyl tert-butyl Ether
Concen: 20.277 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

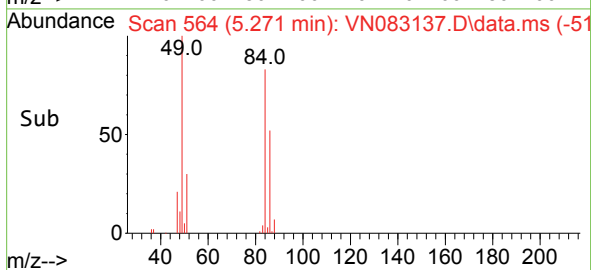
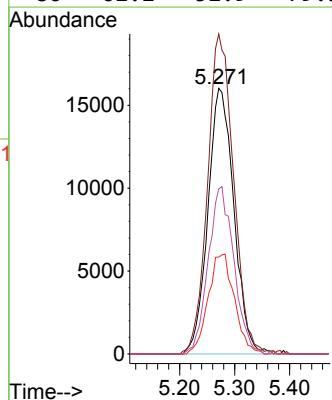
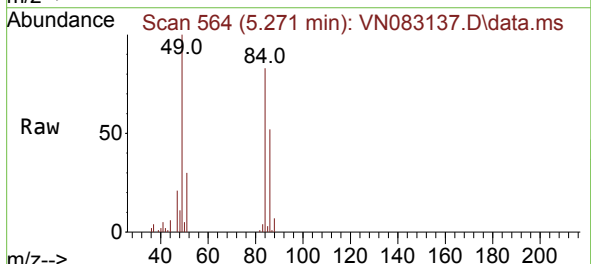
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

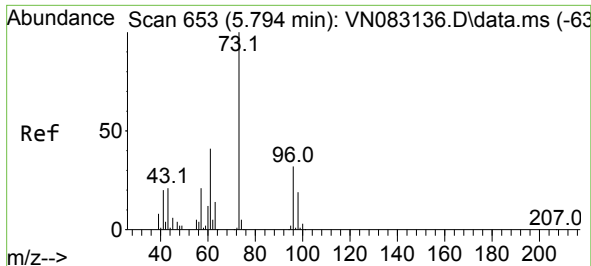
Tgt Ion: 73 Resp: 172740
Ion Ratio Lower Upper
73 100
57 21.0 17.9 26.9



#20
Methylene Chloride
Concen: 19.316 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

Tgt Ion: 84 Resp: 52716
Ion Ratio Lower Upper
84 100
49 120.5 119.6 179.4
51 36.5 34.8 52.2
86 62.2 52.9 79.3

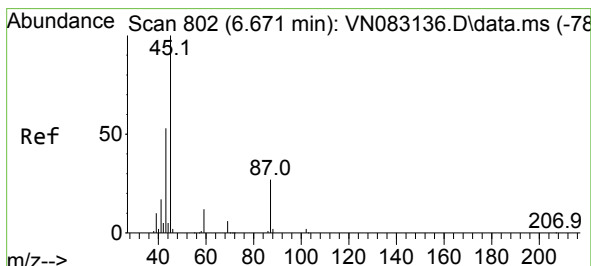
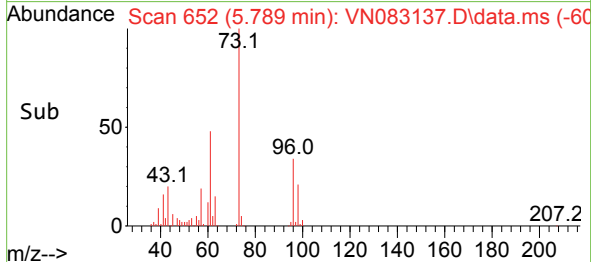
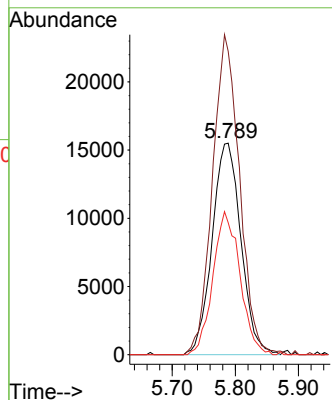
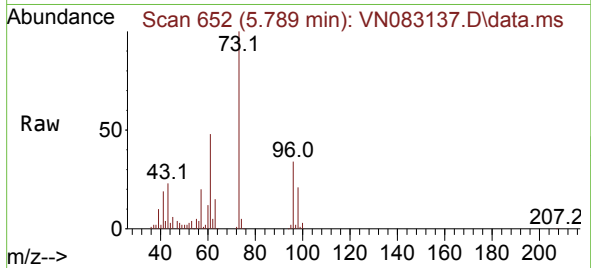




#21
trans-1,2-Dichloroethene
Concen: 20.137 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

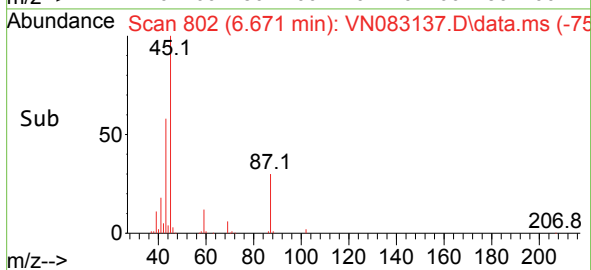
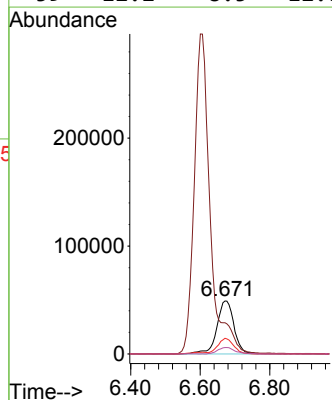
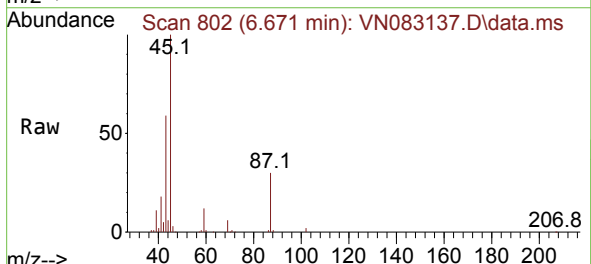
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ClientSampleId :
VSTDIC020

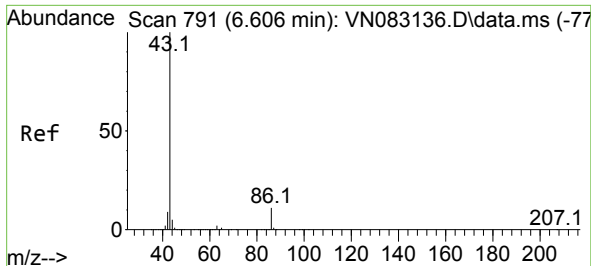
Tgt Ion: 96 Resp: 49121
Ion Ratio Lower Upper
96 100
61 143.3 123.4 185.2
98 62.4 49.3 73.9



#22
Diisopropyl ether
Concen: 20.070 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

Tgt Ion: 45 Resp: 168267
Ion Ratio Lower Upper
45 100
43 57.6 44.0 66.0
87 29.6 19.7 29.5#
59 12.2 8.5 12.7

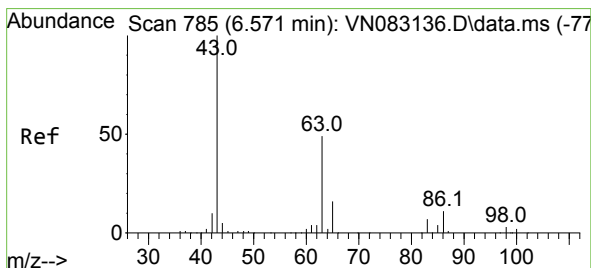
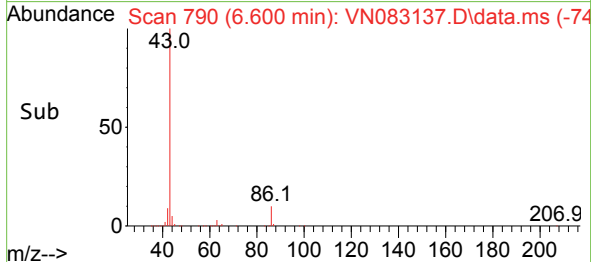
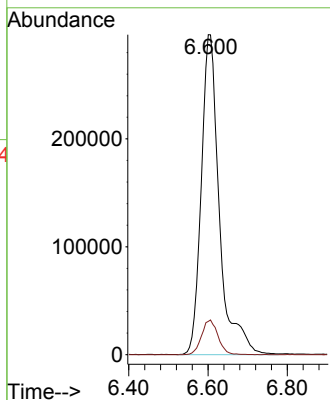
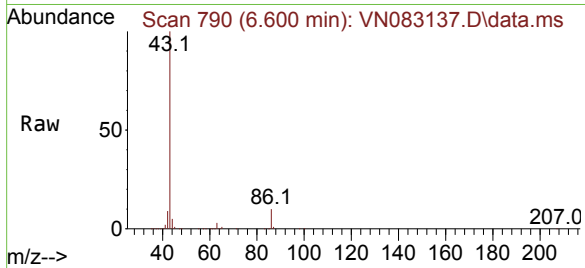




#23
 Vinyl Acetate
 Concen: 109.664 ug/l
 RT: 6.600 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN083137.D
 Acq: 07 Aug 2024 11:22

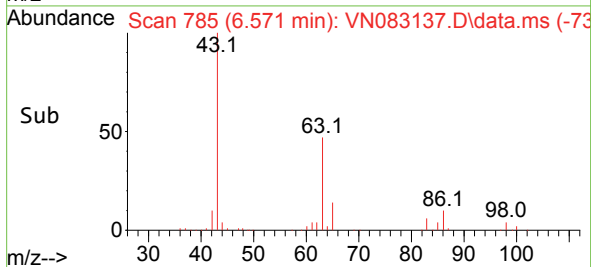
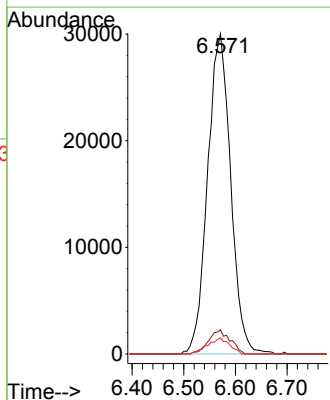
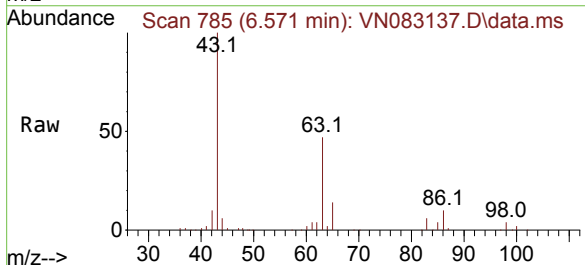
Instrument :
 MSVOA_N
 ClientSampleId :
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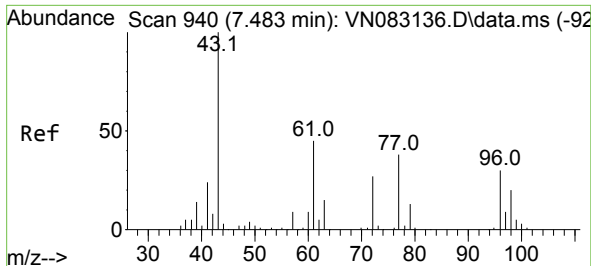
Tgt Ion: 43 Resp: 942208
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 20.366 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN083137.D
 Acq: 07 Aug 2024 11:22

Tgt Ion: 63 Resp: 93066
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.3 9.9
 100 5.0 2.0 6.0

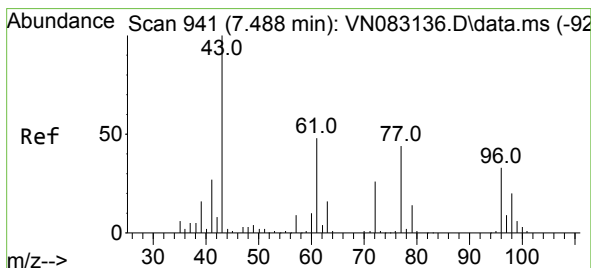
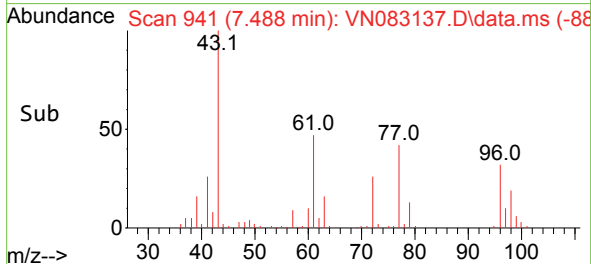
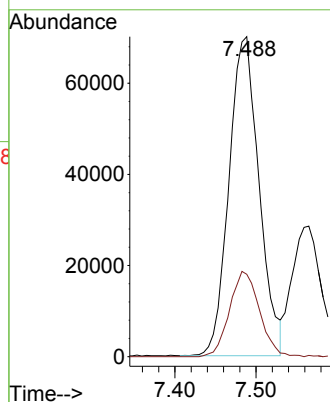
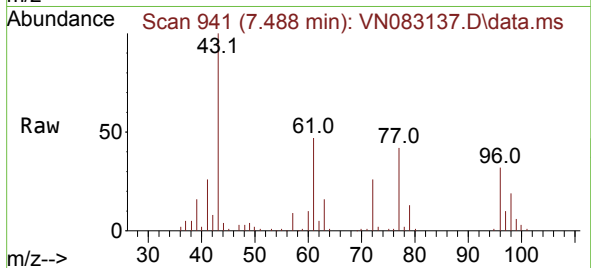




#25
2-Butanone
Concen: 99.107 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

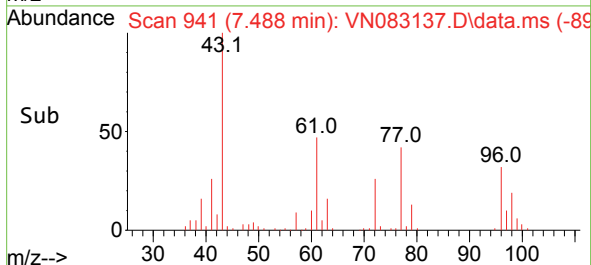
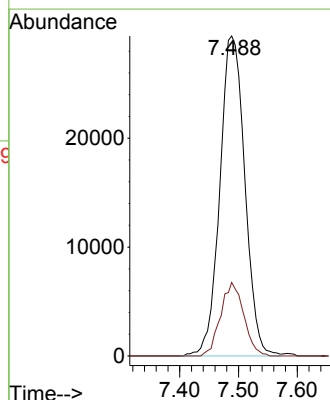
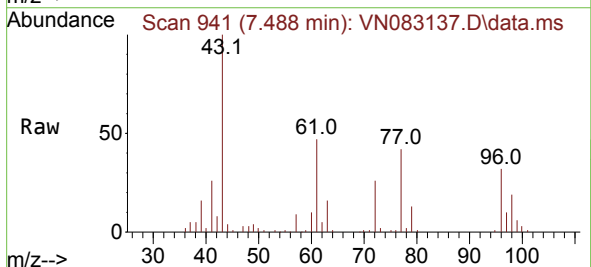
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ClientSampleId :
VSTDIC020

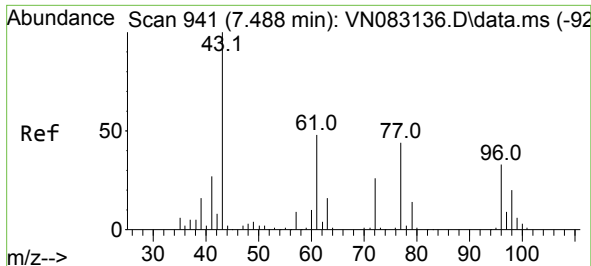
Tgt Ion: 43 Resp: 180458
Ion Ratio Lower Upper
43 100
72 25.9 18.2 27.2



#26
2,2-Dichloropropane
Concen: 20.445 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

Tgt Ion: 77 Resp: 86767
Ion Ratio Lower Upper
77 100
97 21.3 10.3 30.9



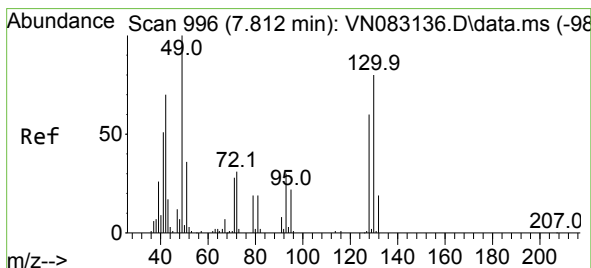
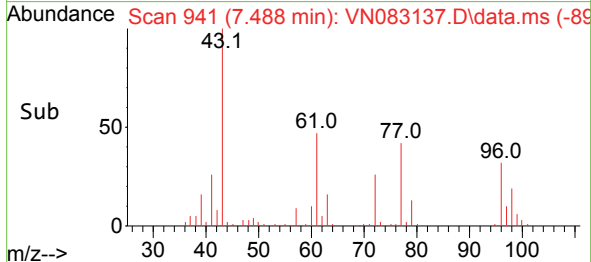
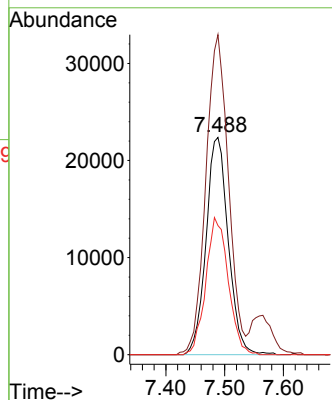
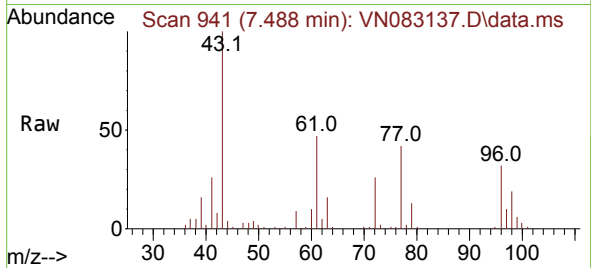


#27
 cis-1,2-Dichloroethene
 Concen: 19.993 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN083137.D
 Acq: 07 Aug 2024 11:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion: 96 Resp: 58852

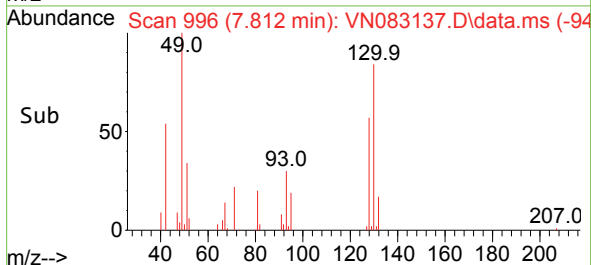
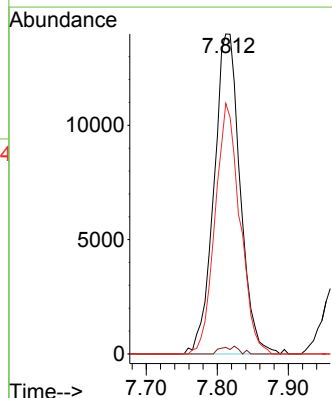
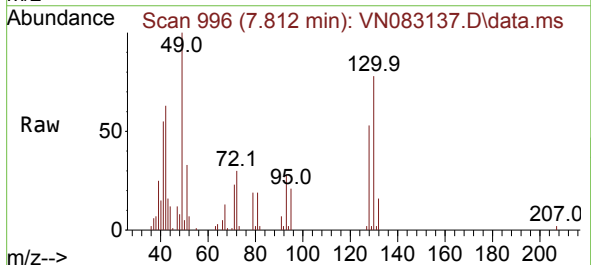
Ion	Ratio	Lower	Upper
96	100		
61	149.6	0.0	329.6
98	63.7	0.0	128.6

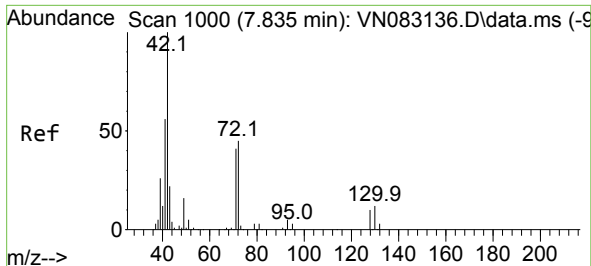


#28
 Bromochloromethane
 Concen: 19.153 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN083137.D
 Acq: 07 Aug 2024 11:22

Tgt Ion: 49 Resp: 35768

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.8
130	74.4	50.5	75.7





#29

Tetrahydrofuran

Concen: 98.399 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN083137.D

Acq: 07 Aug 2024 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

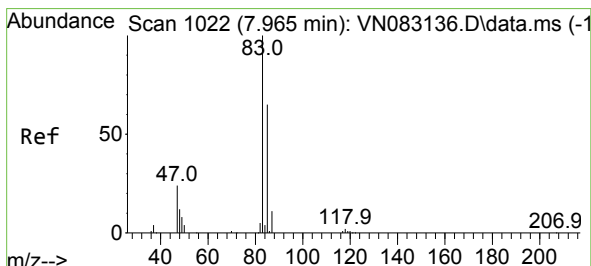
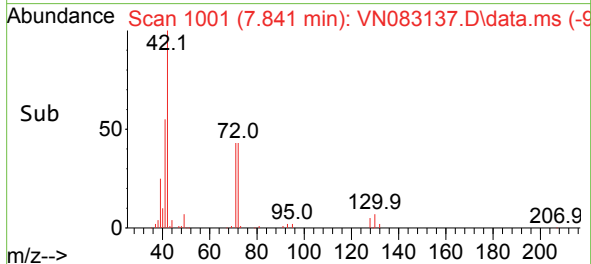
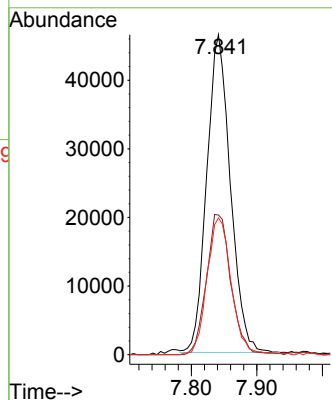
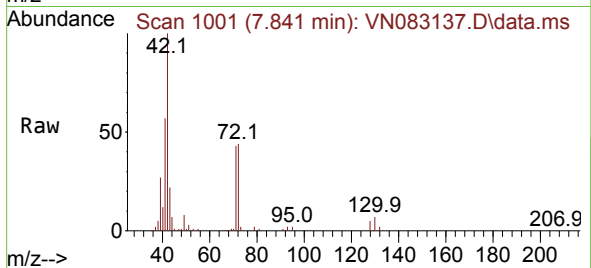
Tgt Ion: 42 Resp: 115821

Ion Ratio Lower Upper

42 100

72 45.8 30.0 45.0#

71 44.0 28.3 42.5#



#30

Chloroform

Concen: 19.917 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN083137.D

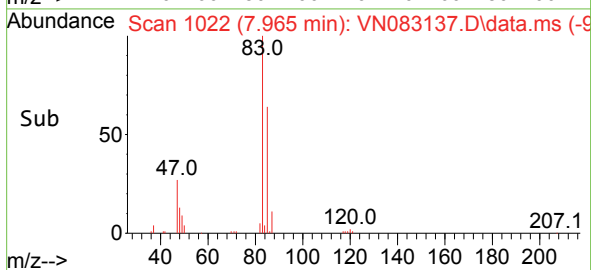
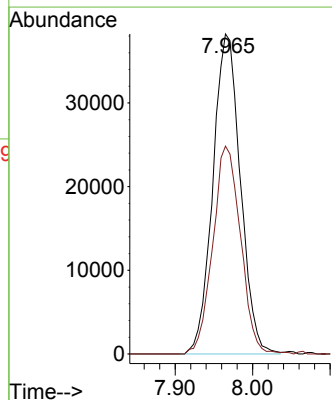
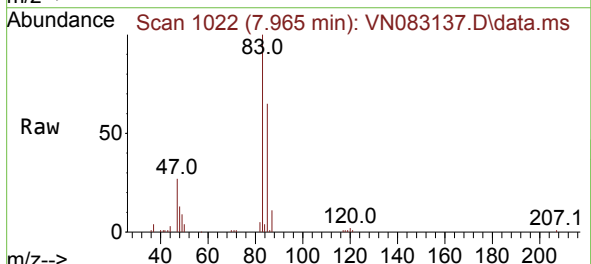
Acq: 07 Aug 2024 11:22

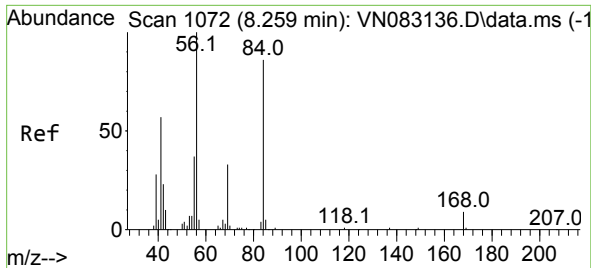
Tgt Ion: 83 Resp: 94560

Ion Ratio Lower Upper

83 100

85 64.9 50.9 76.3

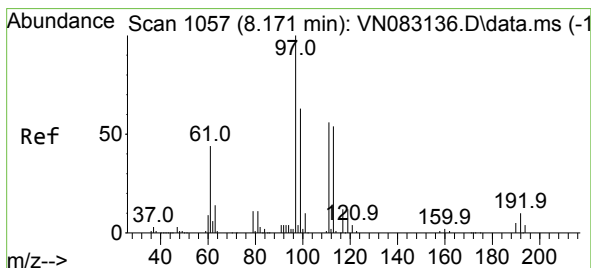
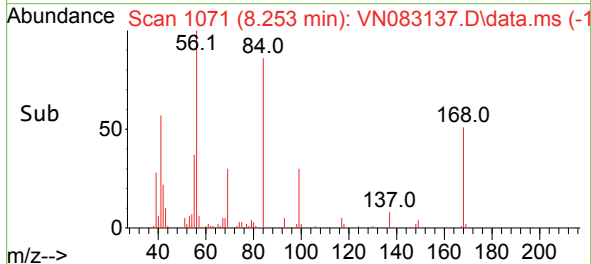
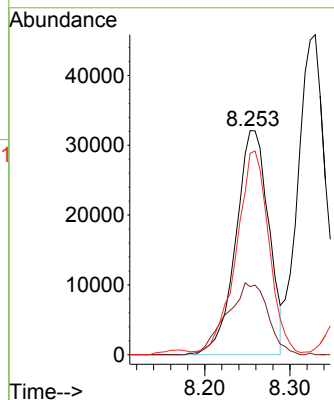
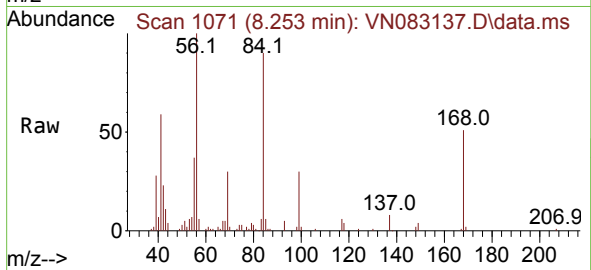




#31
Cyclohexane
Concen: 19.144 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

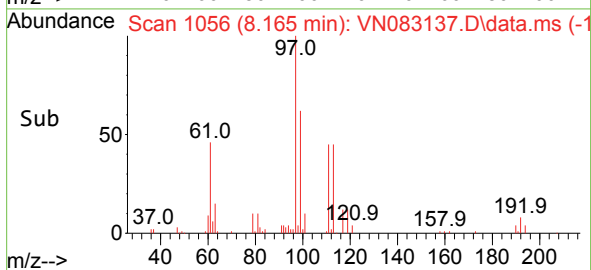
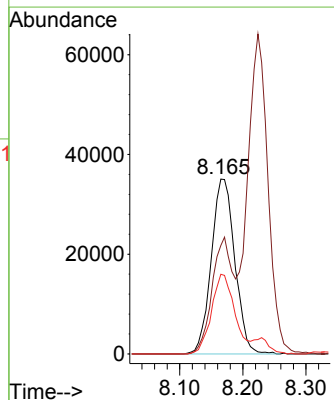
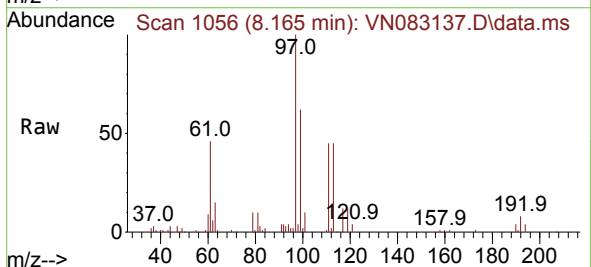
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

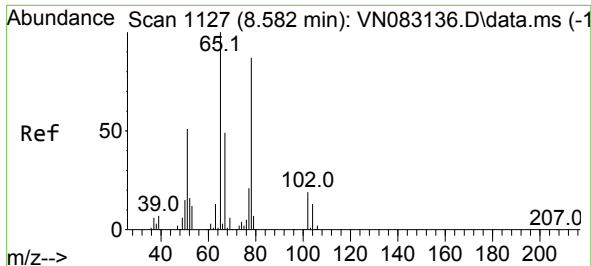
Tgt Ion: 56 Resp: 85978
Ion Ratio Lower Upper
56 100
69 30.4 24.5 36.7
84 87.9 66.0 99.0



#32
1,1,1-Trichloroethane
Concen: 20.194 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

Tgt Ion: 97 Resp: 90748
Ion Ratio Lower Upper
97 100
99 58.9 52.0 78.0
61 45.3 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 16.881 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN083137.D

Acq: 07 Aug 2024 11:22

Instrument :

MSVOA_N

ClientSampleId :

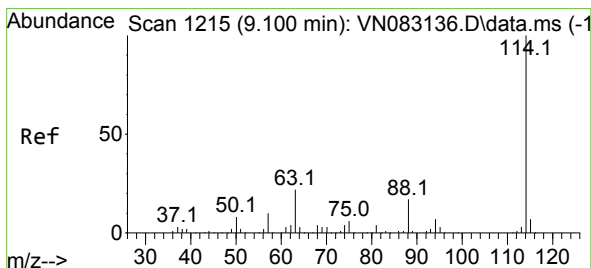
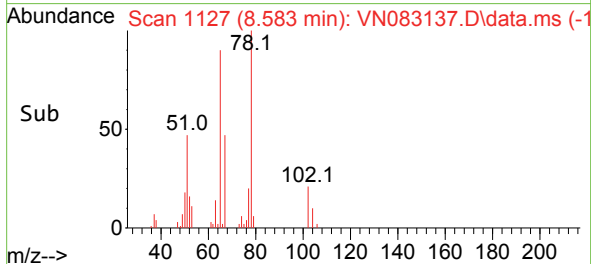
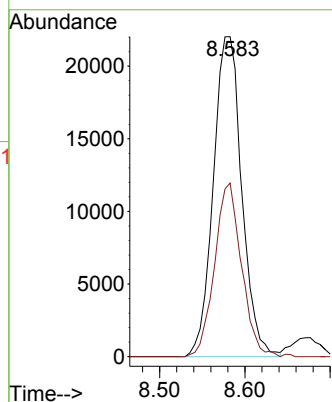
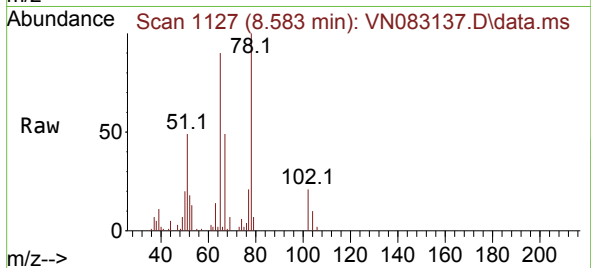
VSTDICC020

Tgt Ion: 65 Resp: 51159

Ion Ratio Lower Upper

65 100

67 51.1 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: VN083137.D

Acq: 07 Aug 2024 11:22

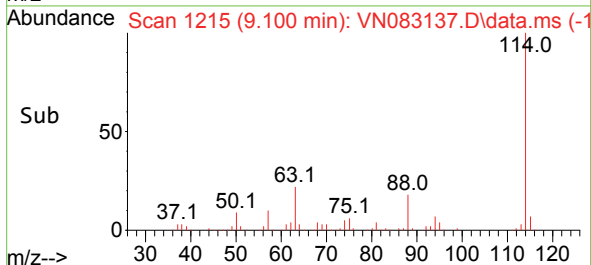
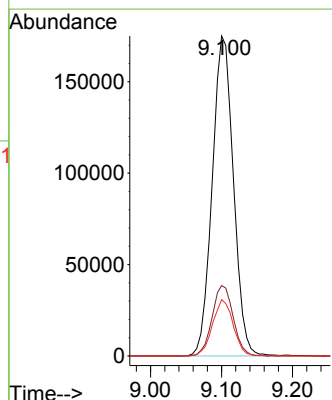
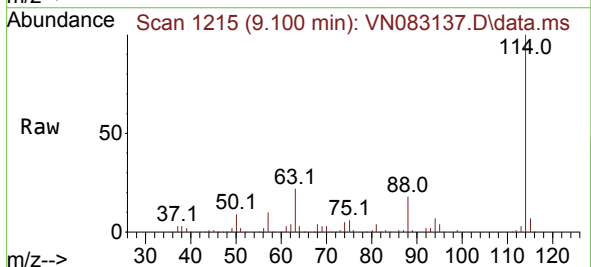
Tgt Ion: 114 Resp: 362741

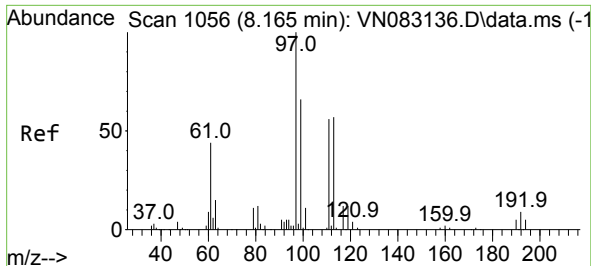
Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.6

88 17.6 0.0 31.4

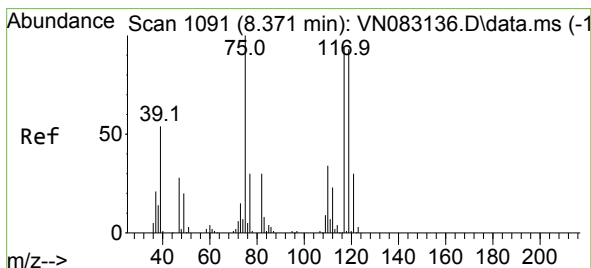
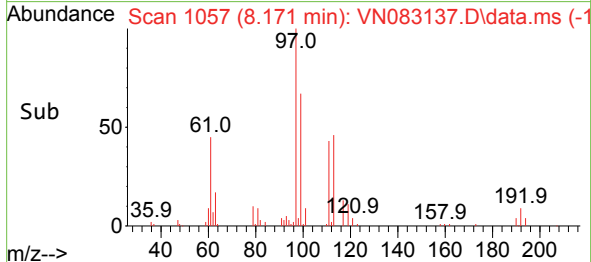
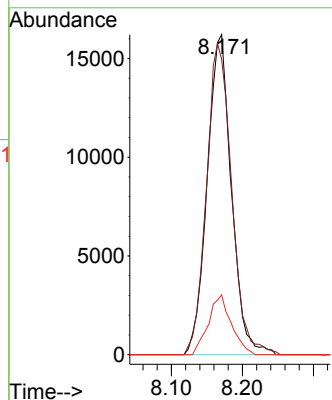
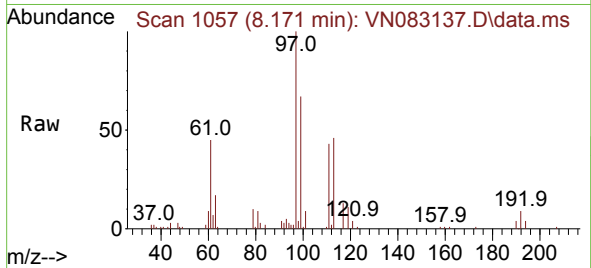




#35
Dibromofluoromethane
Concen: 16.940 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

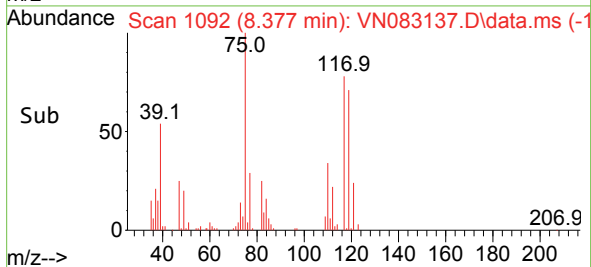
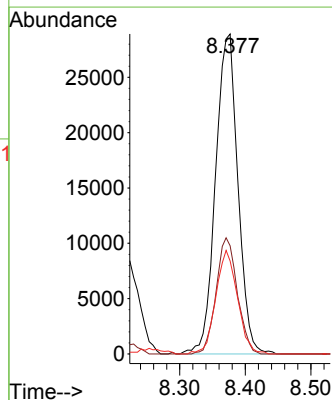
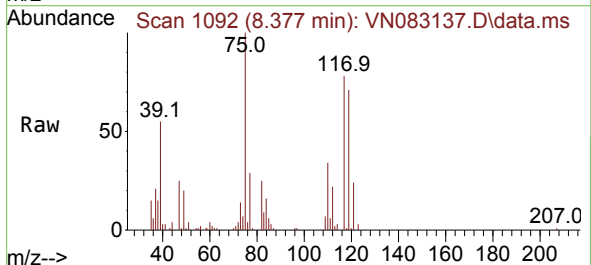
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

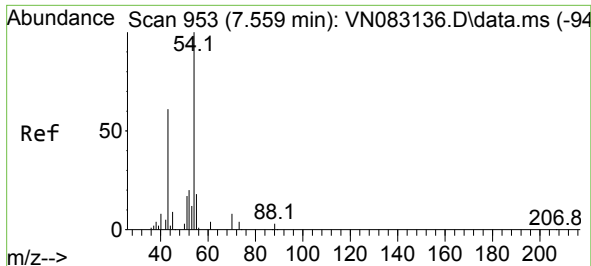
Tgt Ion:113 Resp: 38354
Ion Ratio Lower Upper
113 100
111 101.3 82.4 123.6
192 17.8 14.9 22.3



#36
1,1-Dichloropropene
Concen: 19.978 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

Tgt Ion: 75 Resp: 68425
Ion Ratio Lower Upper
75 100
110 34.3 16.3 48.9
77 31.3 24.6 37.0

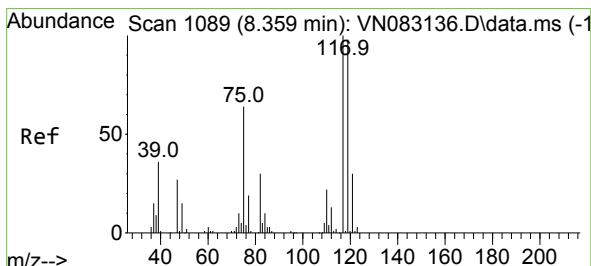
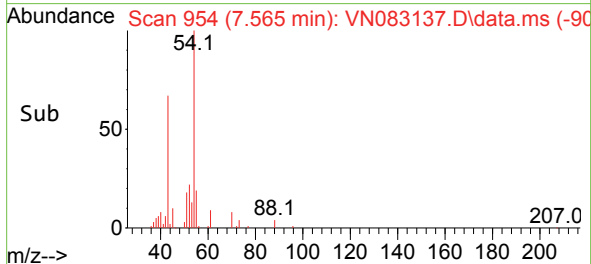
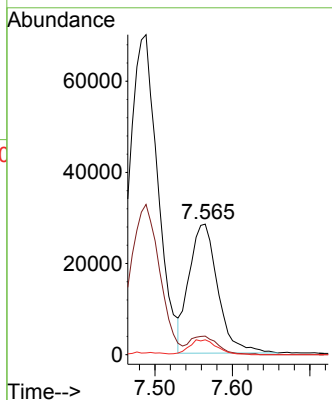
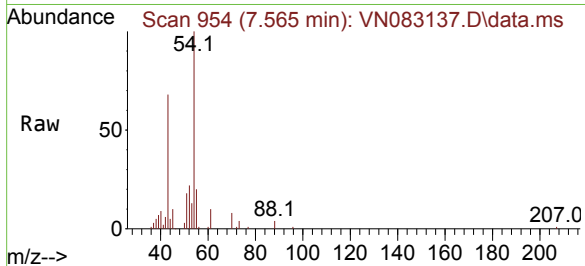




#37
Ethyl Acetate
Concen: 18.985 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

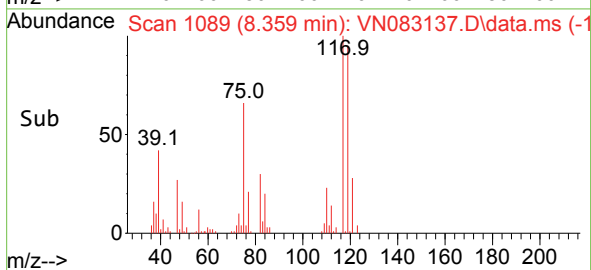
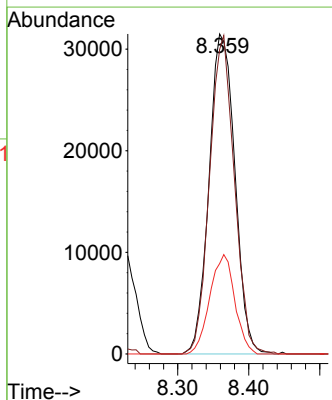
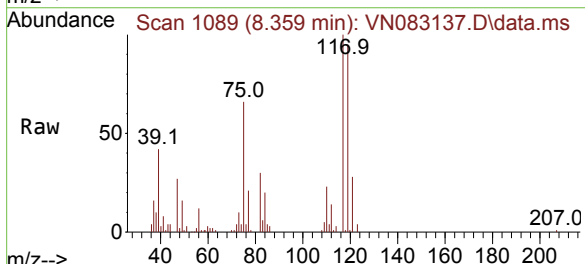
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

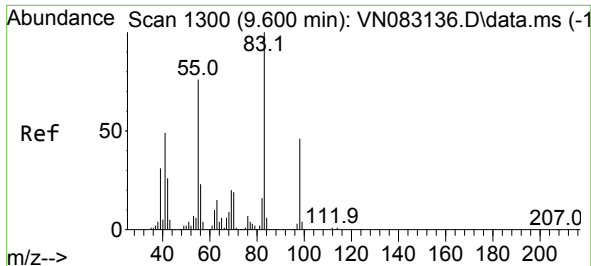
Tgt Ion: 43 Resp: 72806
Ion Ratio Lower Upper
43 100
61 14.3 9.3 13.9#
70 11.2 7.0 10.6#



#38
Carbon Tetrachloride
Concen: 20.605 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

Tgt Ion: 117 Resp: 79487
Ion Ratio Lower Upper
117 100
119 95.1 74.9 112.3
121 28.3 24.3 36.5





#39

Methylcyclohexane

Concen: 20.246 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN083137.D

Acq: 07 Aug 2024 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

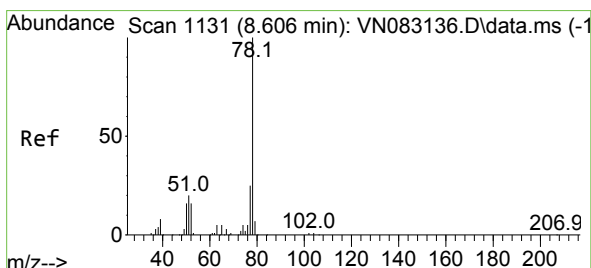
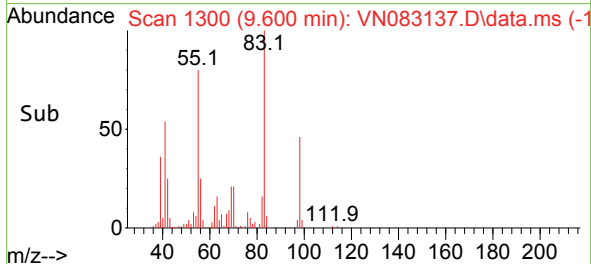
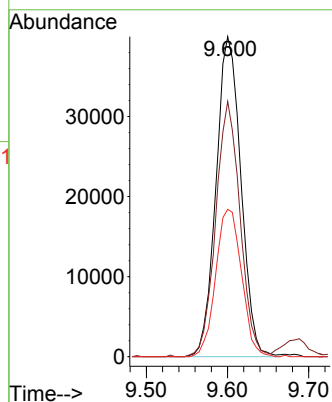
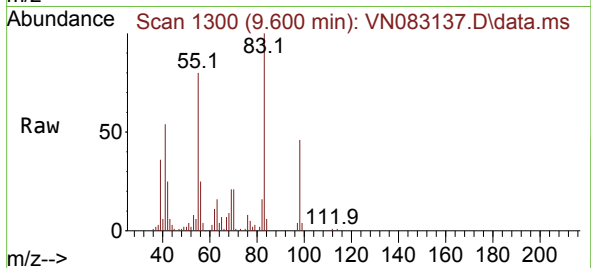
Tgt Ion: 83 Resp: 85173

Ion Ratio Lower Upper

83 100

55 79.7 66.4 99.6

98 46.1 40.7 61.1



#40

Benzene

Concen: 20.345 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN083137.D

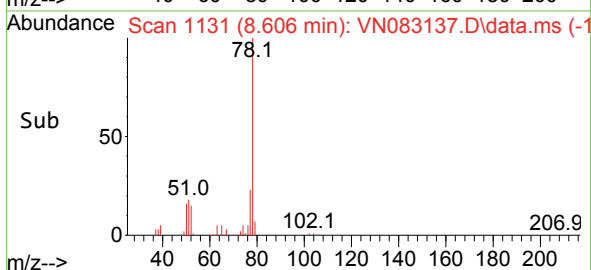
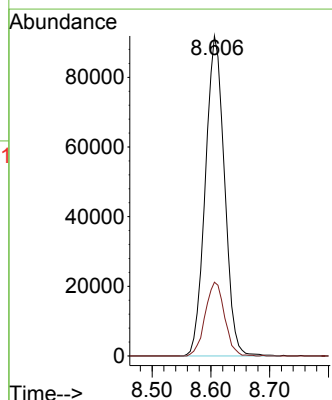
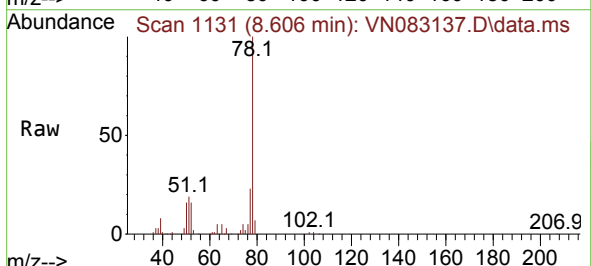
Acq: 07 Aug 2024 11:22

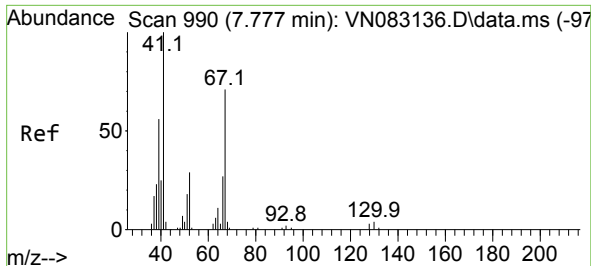
Tgt Ion: 78 Resp: 207581

Ion Ratio Lower Upper

78 100

77 23.1 19.0 28.4

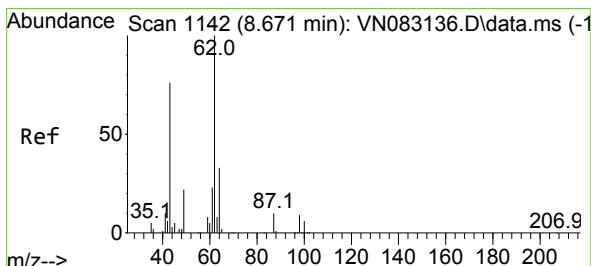
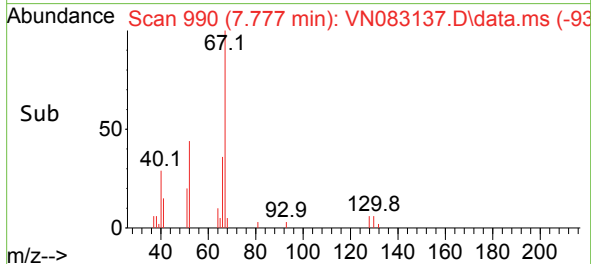
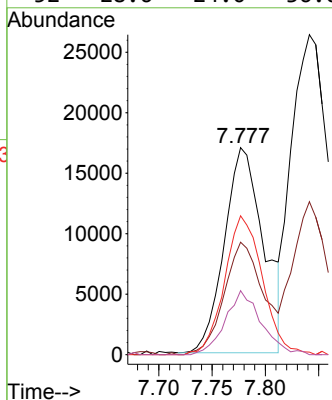
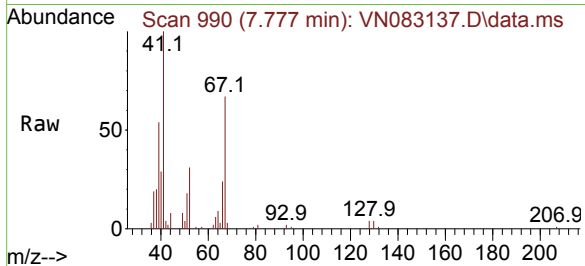




#41
Methacrylonitrile
Concen: 19.968 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

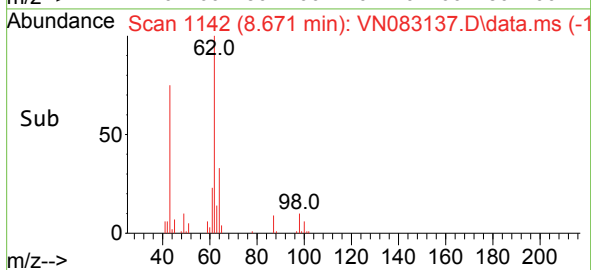
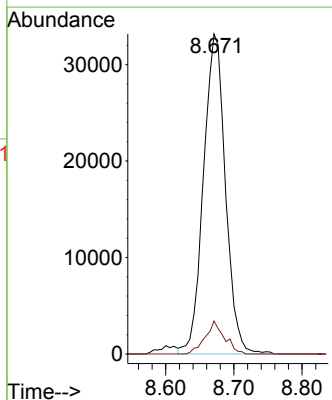
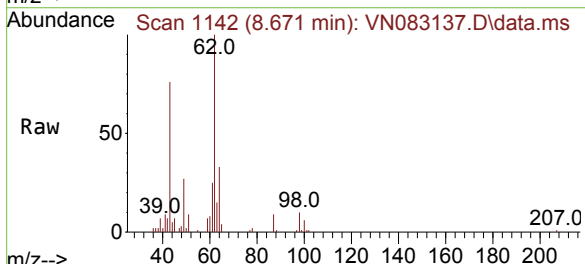
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

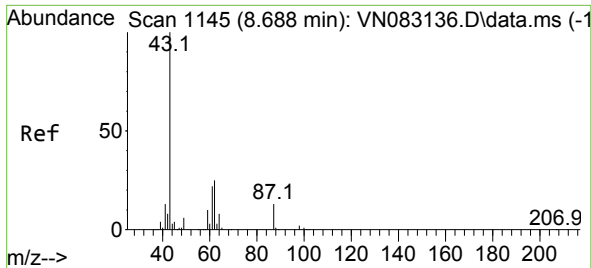
Tgt Ion:	41	Resp:	43539
Ion	Ratio	Lower	Upper
41	100		
39	54.6	45.5	68.3
67	65.2	50.5	75.7
52	28.6	24.0	36.0



#42
1,2-Dichloroethane
Concen: 20.062 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

Tgt Ion:	62	Resp:	74567
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	15.8

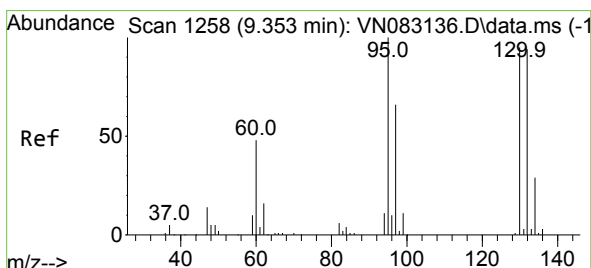
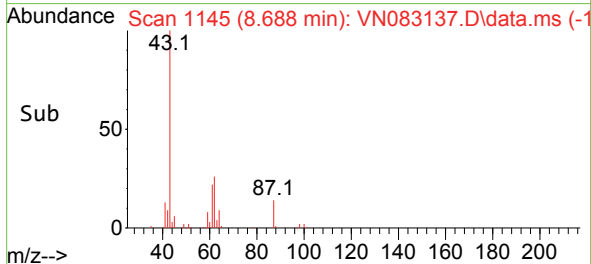
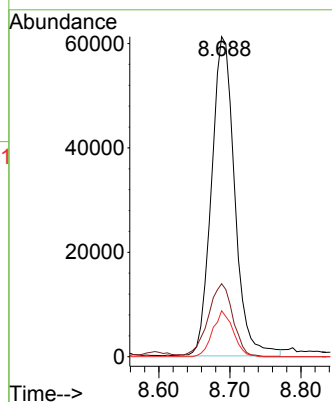
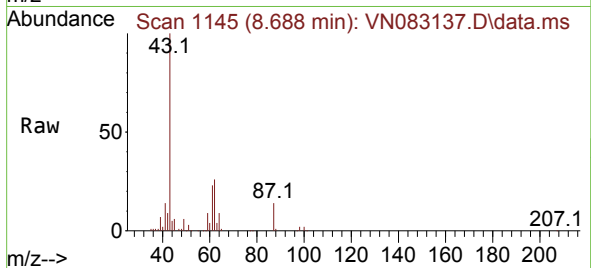




#43
Isopropyl Acetate
Concen: 19.459 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

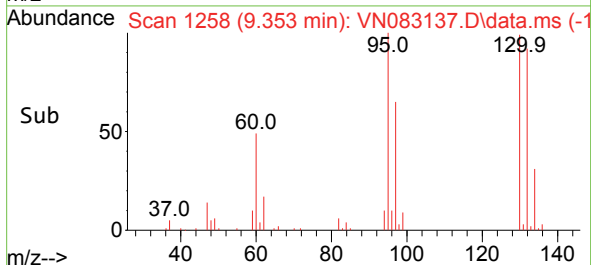
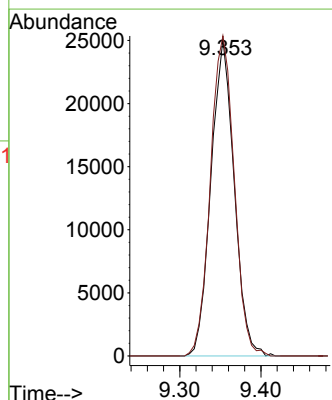
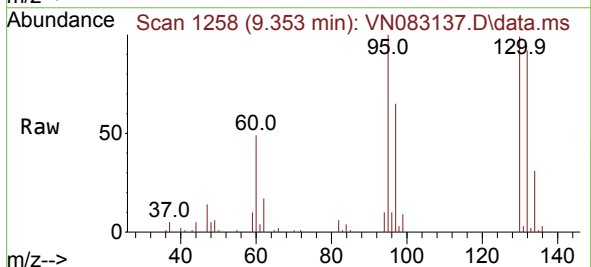
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

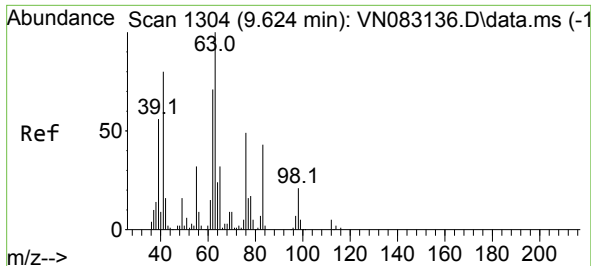
Tgt Ion: 43 Resp: 138715
Ion Ratio Lower Upper
43 100
61 24.5 17.8 26.6
87 12.7 8.2 12.2#



#44
Trichloroethene
Concen: 20.469 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

Tgt Ion:130 Resp: 49712
Ion Ratio Lower Upper
130 100
95 101.0 0.0 197.8





#45

1,2-Dichloropropane

Concen: 20.594 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN083137.D

Acq: 07 Aug 2024 11:22

Instrument :

MSVOA_N

ClientSampleId :

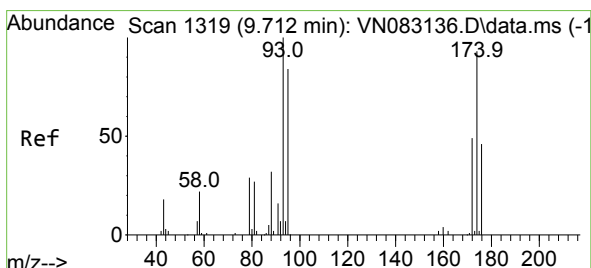
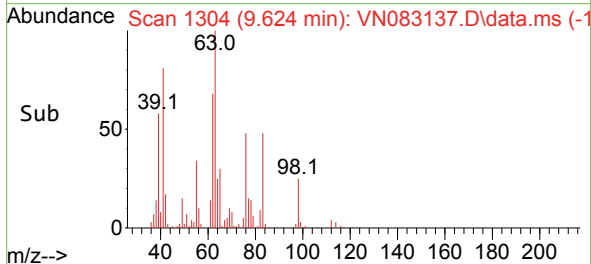
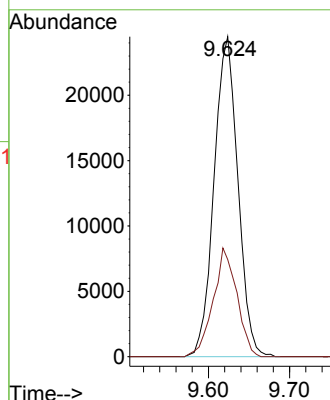
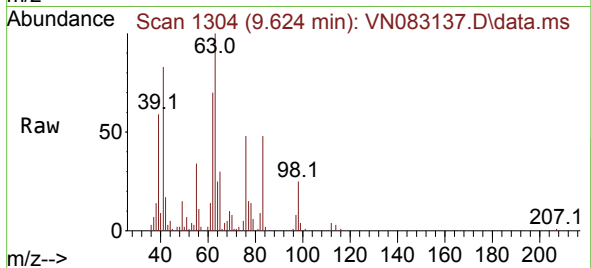
VSTDICC020

Tgt Ion: 63 Resp: 49878

Ion Ratio Lower Upper

63 100

65 30.4 24.4 36.6



#46

Dibromomethane

Concen: 20.512 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN083137.D

Acq: 07 Aug 2024 11:22

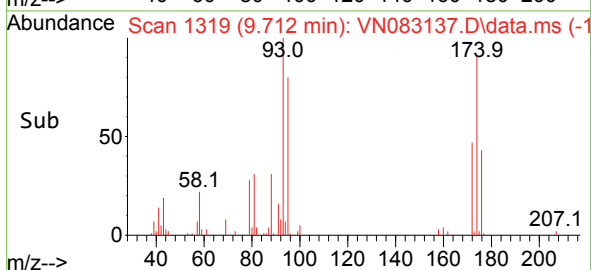
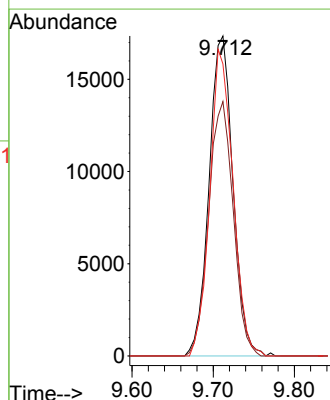
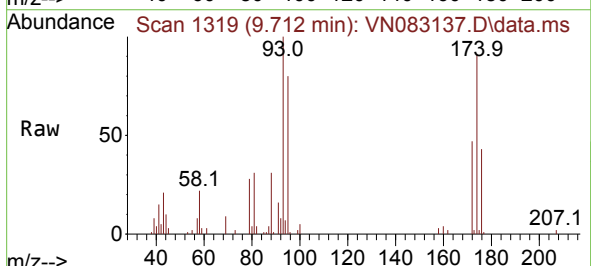
Tgt Ion: 93 Resp: 35560

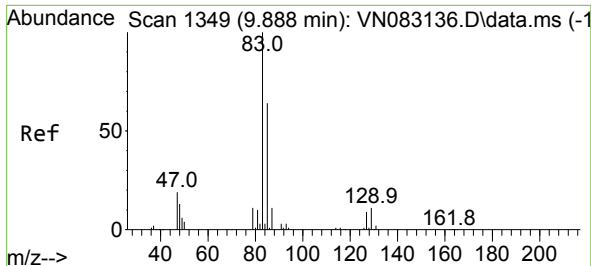
Ion Ratio Lower Upper

93 100

95 81.8 65.8 98.6

174 92.9 71.7 107.5

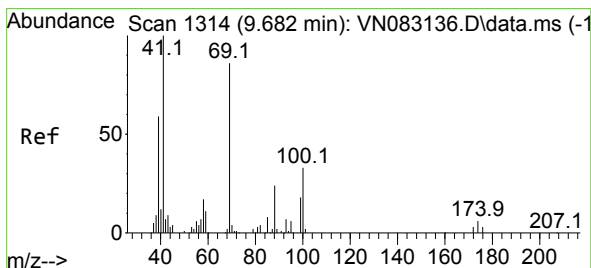
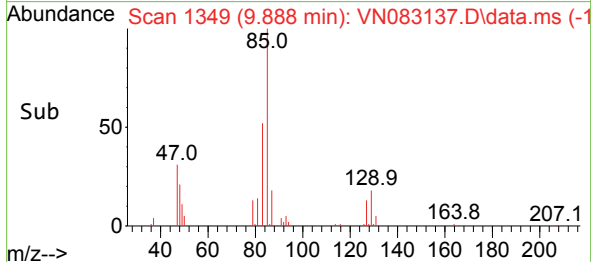
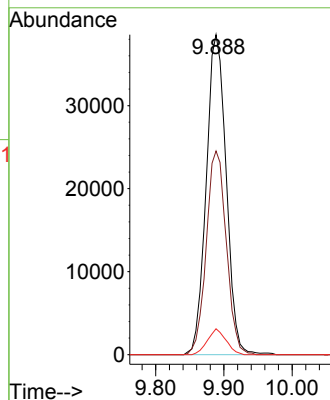
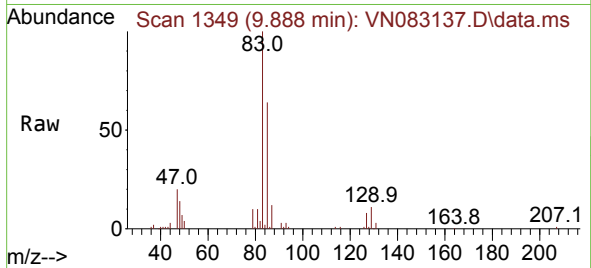




#47
Bromodichloromethane
Concen: 20.147 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

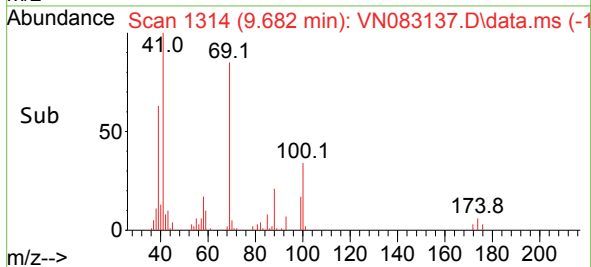
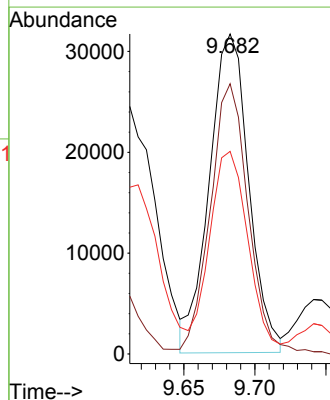
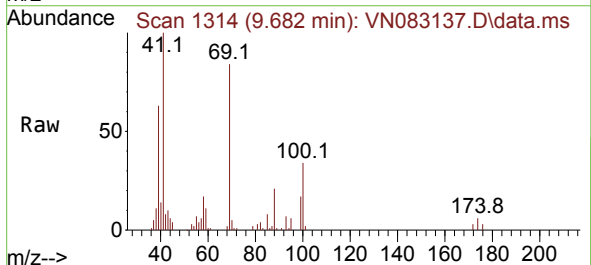
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

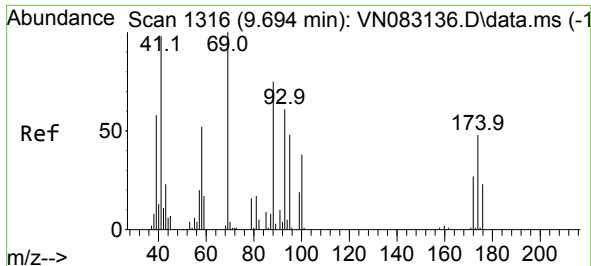
Tgt Ion: 83 Resp: 78421
Ion Ratio Lower Upper
83 100
85 63.7 51.1 76.7
127 8.1 7.2 10.8



#48
Methyl methacrylate
Concen: 19.254 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

Tgt Ion: 41 Resp: 61044
Ion Ratio Lower Upper
41 100
69 82.1 56.3 84.5
39 62.5 50.3 75.5





#49

1,4-Dioxane

Concen: 403.558 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083137.D

Acq: 07 Aug 2024 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

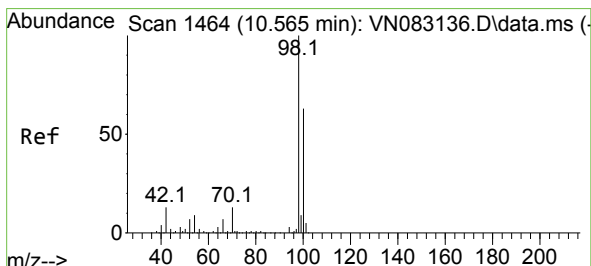
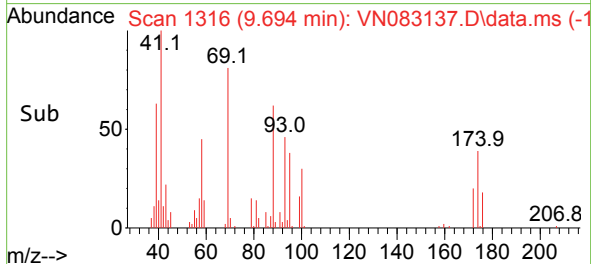
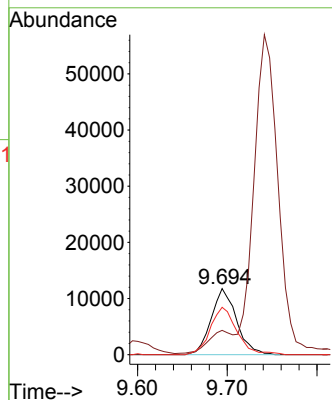
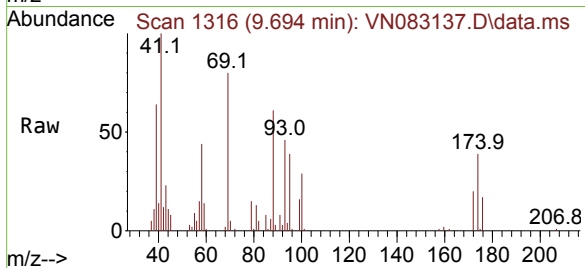
Tgt Ion: 88 Resp: 23083

Ion Ratio Lower Upper

88 100

43 32.7 27.8 41.8

58 75.6 59.4 89.0



#50

Toluene-d8

Concen: 16.926 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN083137.D

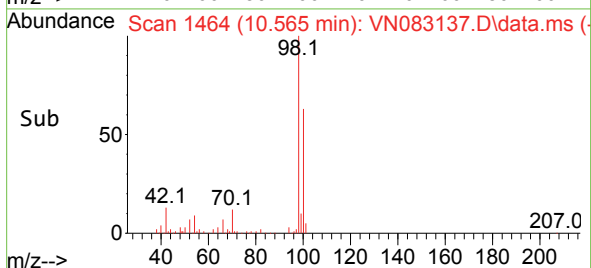
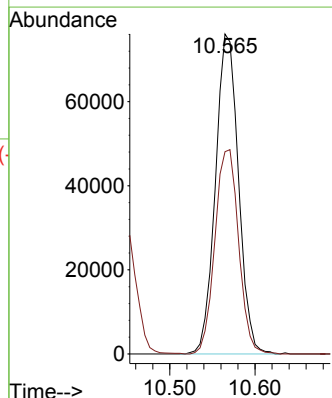
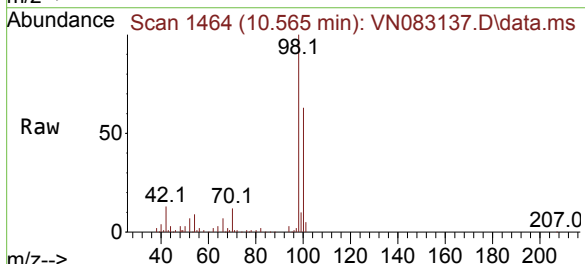
Acq: 07 Aug 2024 11:22

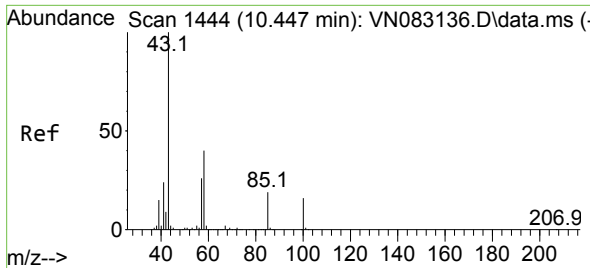
Tgt Ion: 98 Resp: 142952

Ion Ratio Lower Upper

98 100

100 65.8 51.5 77.3

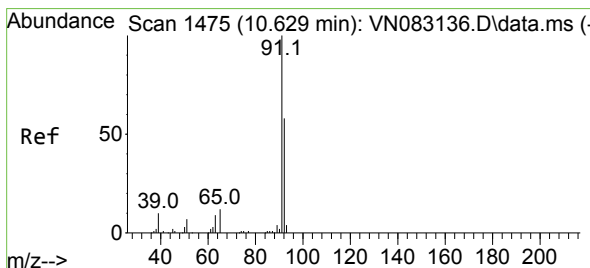
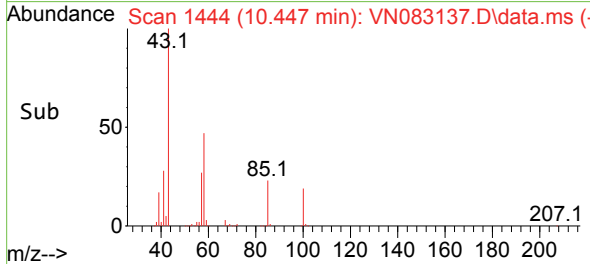
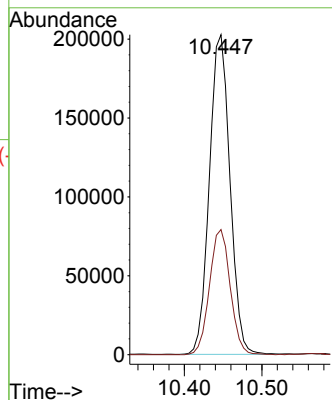
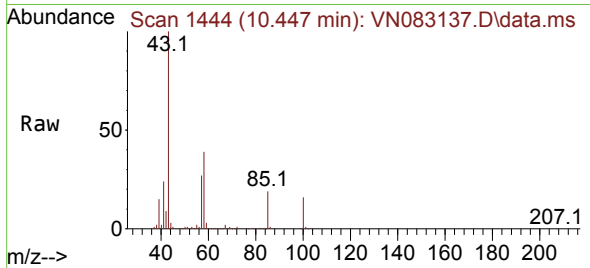




#51
4-Methyl-2-Pentanone
Concen: 103.224 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

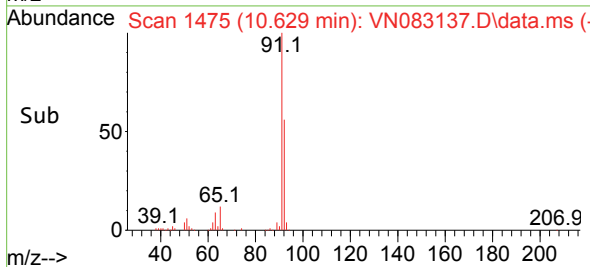
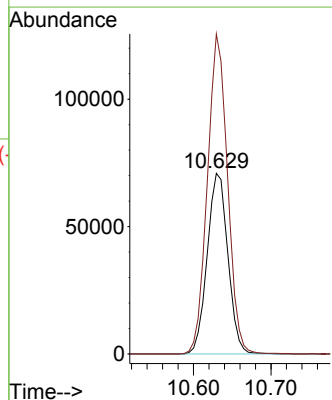
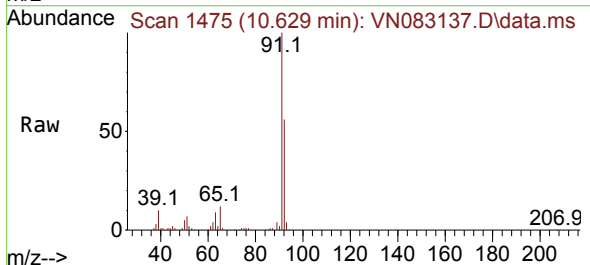
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

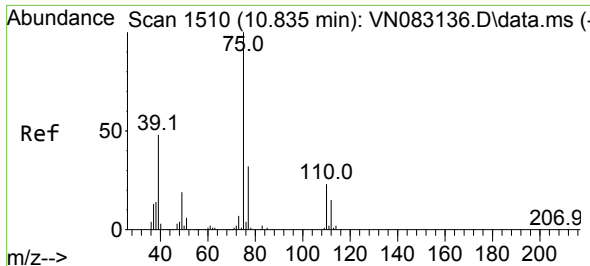
Tgt Ion: 43 Resp: 374332
Ion Ratio Lower Upper
43 100
58 39.4 28.2 42.4



#52
Toluene
Concen: 20.358 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

Tgt Ion: 92 Resp: 131247
Ion Ratio Lower Upper
92 100
91 173.0 139.4 209.0

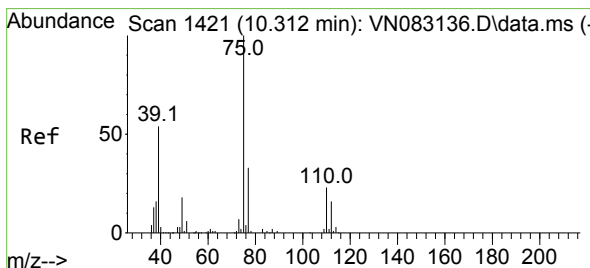
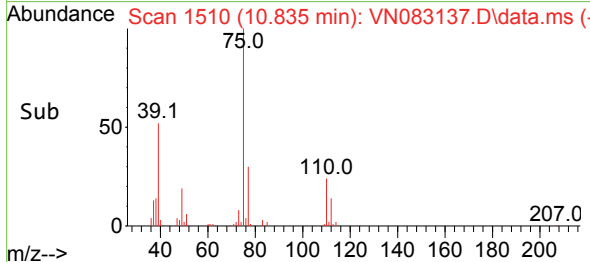
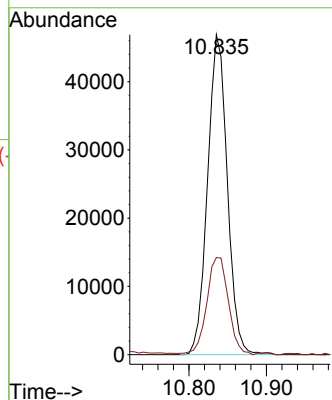
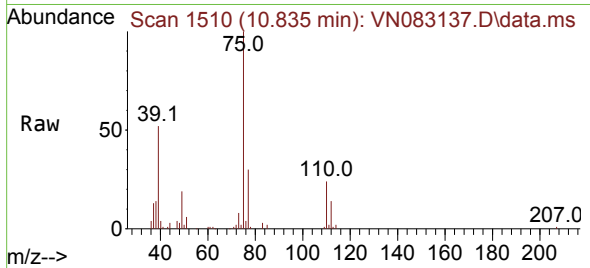




#53
 t-1,3-Dichloropropene
 Concen: 20.793 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN083137.D
 Acq: 07 Aug 2024 11:22

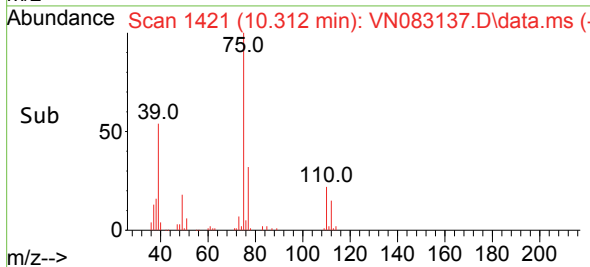
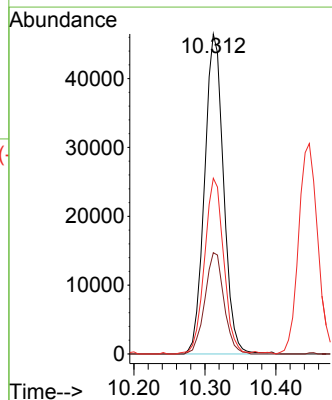
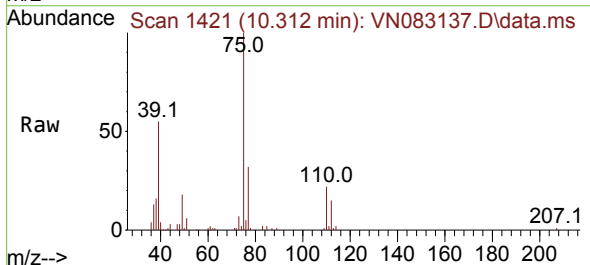
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

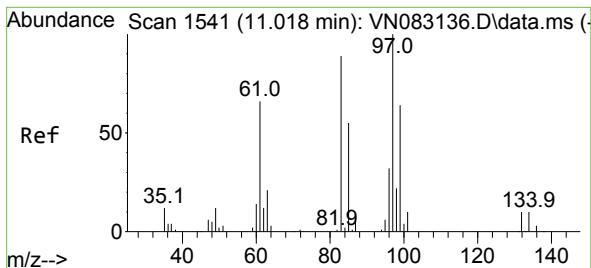
Tgt Ion: 75 Resp: 83139
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 20.351 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN083137.D
 Acq: 07 Aug 2024 11:22

Tgt Ion: 75 Resp: 86551
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.3 36.5
 39 54.5 50.5 75.7





#55

1,1,2-Trichloroethane

Concen: 20.811 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN083137.D

Acq: 07 Aug 2024 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 97 Resp: 48081

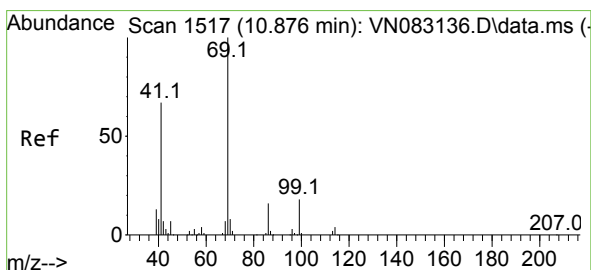
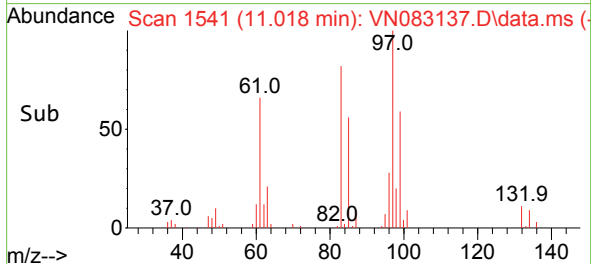
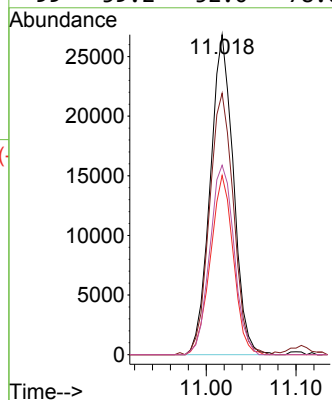
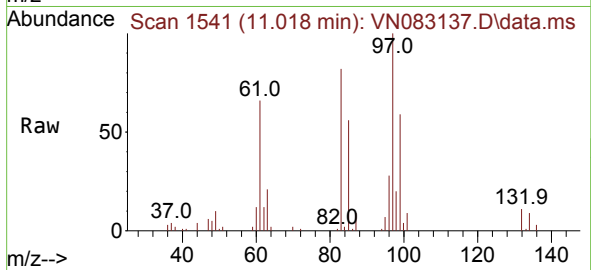
Ion Ratio Lower Upper

97 100

83 81.1 71.4 107.0

85 56.0 45.8 68.6

99 59.2 52.0 78.0



#56

Ethyl methacrylate

Concen: 20.550 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN083137.D

Acq: 07 Aug 2024 11:22

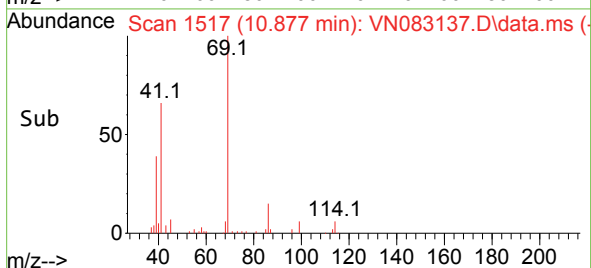
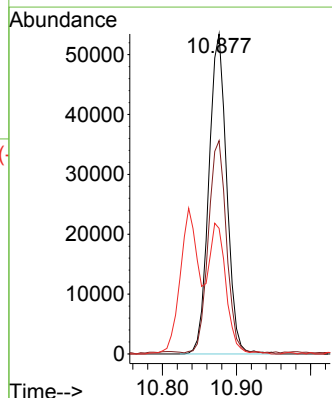
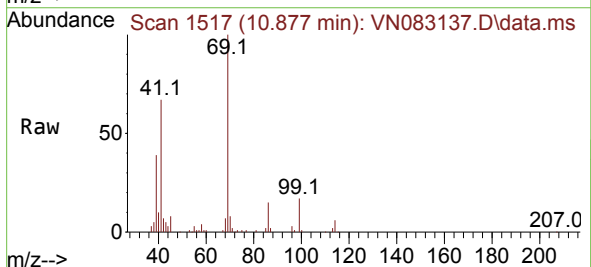
Tgt Ion: 69 Resp: 89503

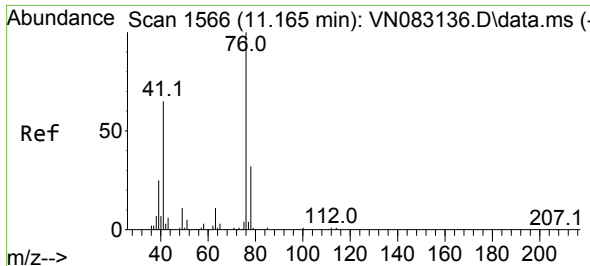
Ion Ratio Lower Upper

69 100

41 67.5 63.4 95.2

39 41.2 37.4 56.0





#57

1,3-Dichloropropane

Concen: 20.464 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083137.D

Acq: 07 Aug 2024 11:22

Instrument :

MSVOA_N

ClientSampleId :

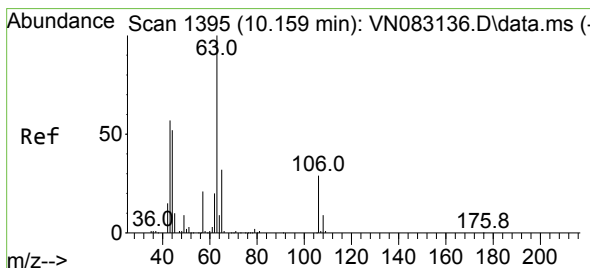
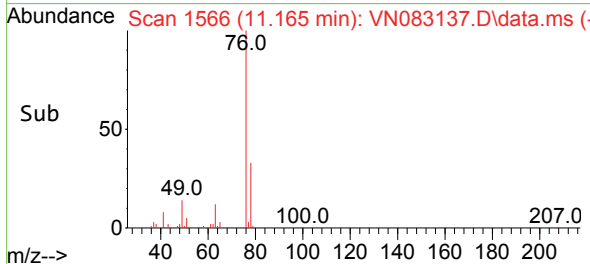
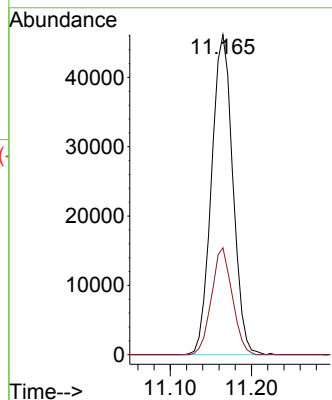
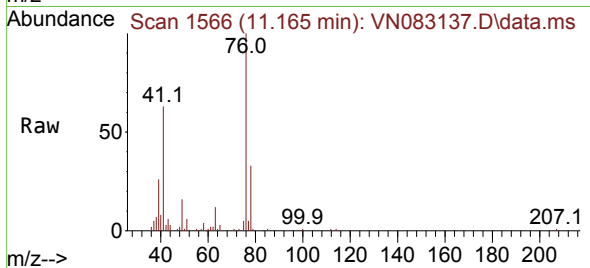
VSTDIC020

Tgt Ion: 76 Resp: 84272

Ion Ratio Lower Upper

76 100

78 32.5 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 95.242 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN083137.D

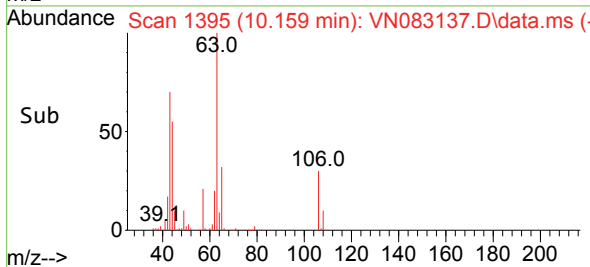
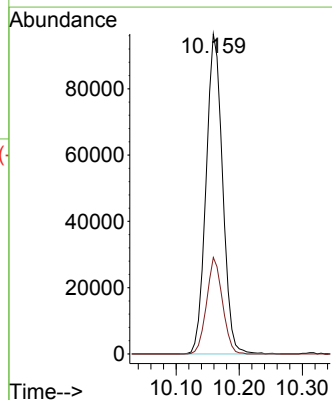
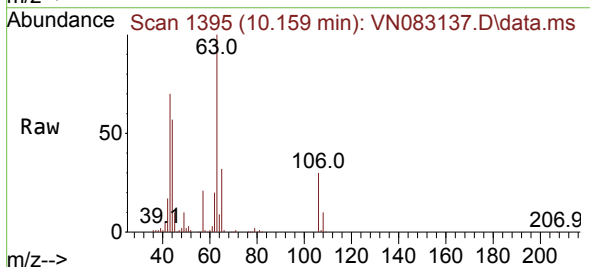
Acq: 07 Aug 2024 11:22

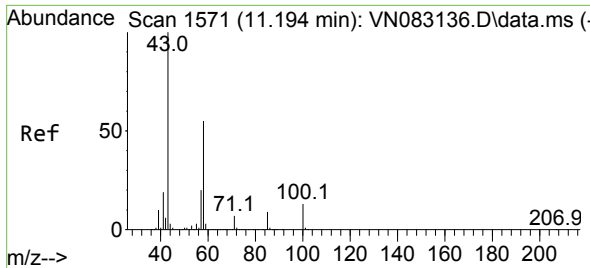
Tgt Ion: 63 Resp: 175345

Ion Ratio Lower Upper

63 100

106 28.9 21.4 32.0

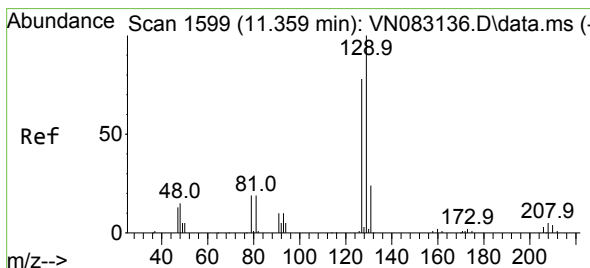
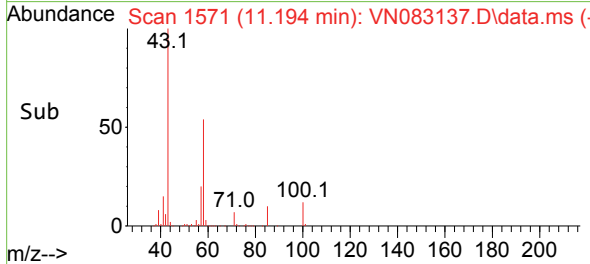
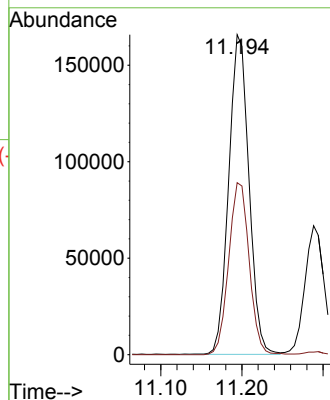
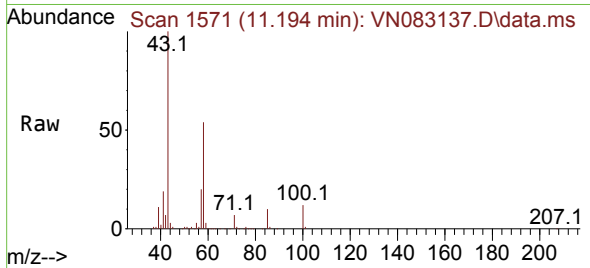




#59
2-Hexanone
Concen: 102.020 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

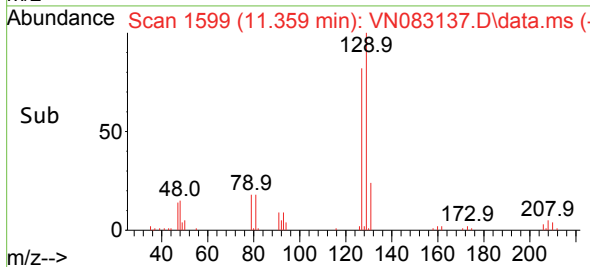
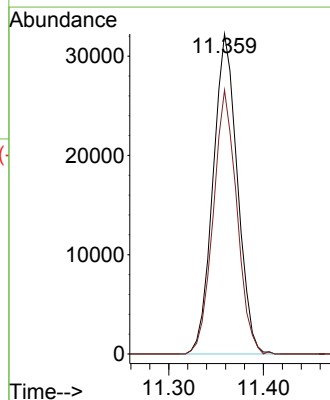
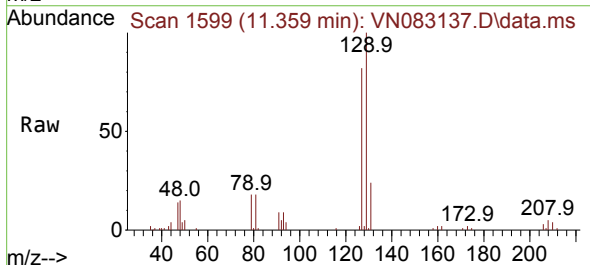
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

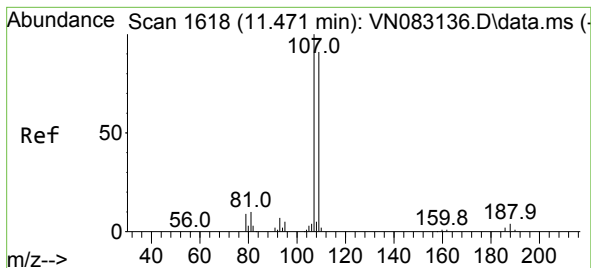
Tgt Ion: 43 Resp: 286222
Ion Ratio Lower Upper
43 100
58 54.7 24.6 73.8



#60
Dibromochloromethane
Concen: 20.610 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

Tgt Ion: 129 Resp: 57571
Ion Ratio Lower Upper
129 100
127 79.9 39.2 117.6





#61

1,2-Dibromoethane

Concen: 20.088 ug/l

RT: 11.471 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083137.D

Acq: 07 Aug 2024 11:22

Instrument :

MSVOA_N

ClientSampleId :

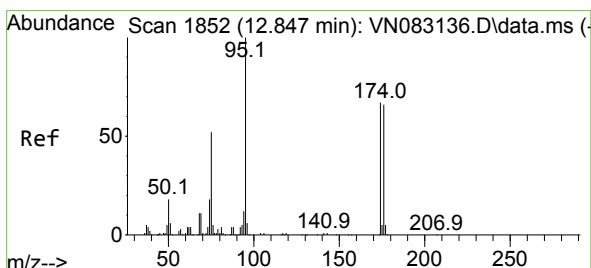
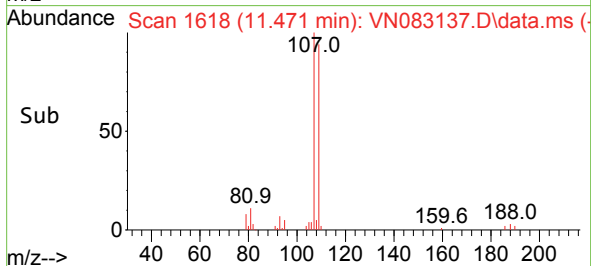
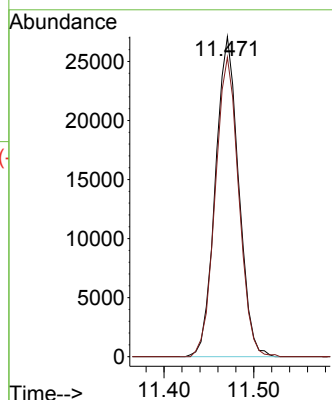
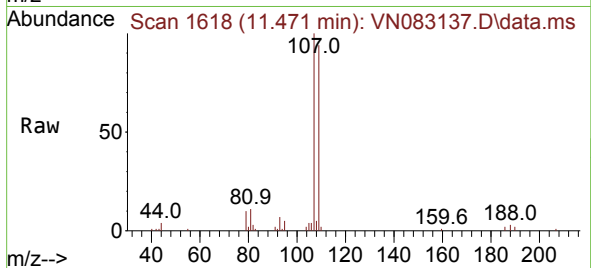
VSTDIC020

Tgt Ion:107 Resp: 48753

Ion Ratio Lower Upper

107 100

109 94.4 73.7 110.5



#62

4-Bromofluorobenzene

Concen: 17.179 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN083137.D

Acq: 07 Aug 2024 11:22

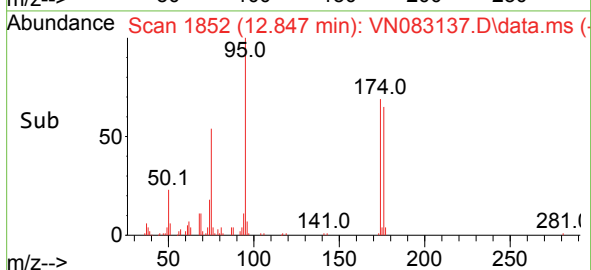
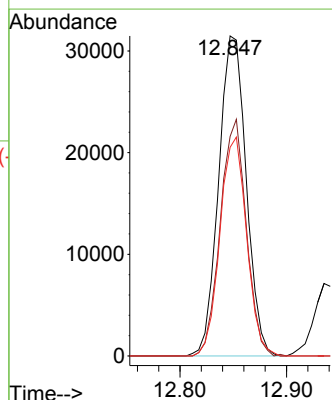
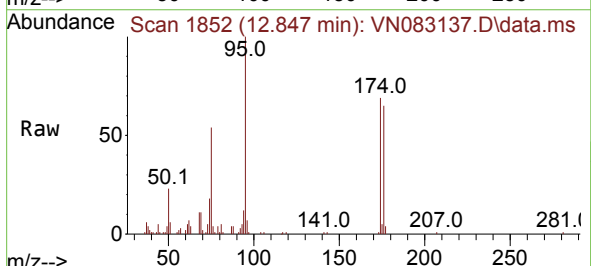
Tgt Ion: 95 Resp: 56566

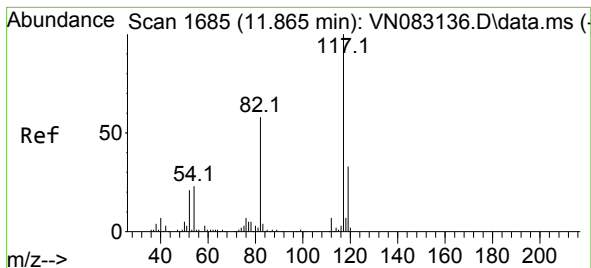
Ion Ratio Lower Upper

95 100

174 69.8 0.0 159.2

176 66.2 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: VN083137.D

Acq: 07 Aug 2024 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

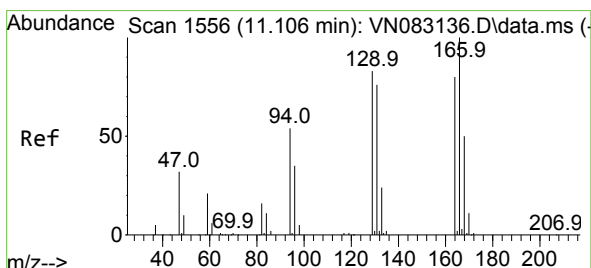
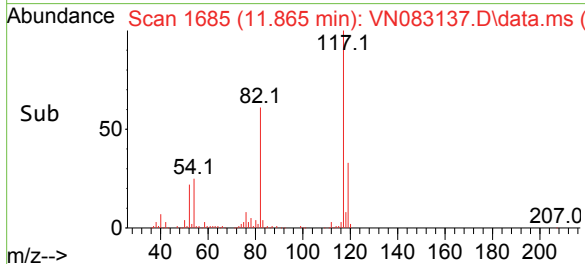
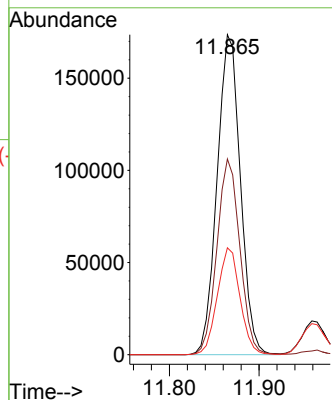
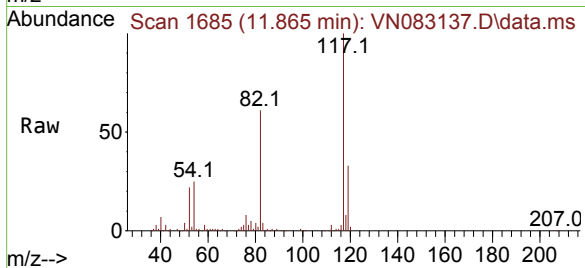
Tgt Ion:117 Resp: 313255

Ion Ratio Lower Upper

117 100

82 61.1 47.5 71.3

119 33.4 25.6 38.4



#64

Tetrachloroethene

Concen: 20.405 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN083137.D

Acq: 07 Aug 2024 11:22

Tgt Ion:164 Resp: 42332

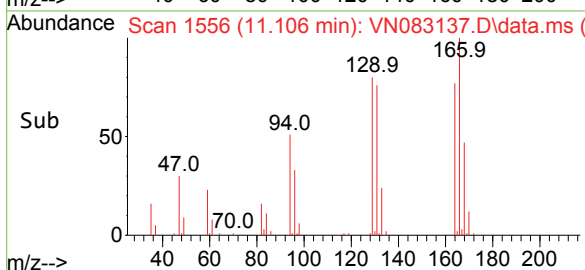
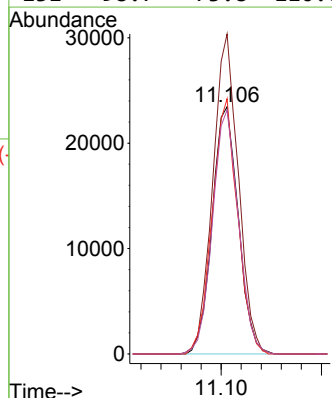
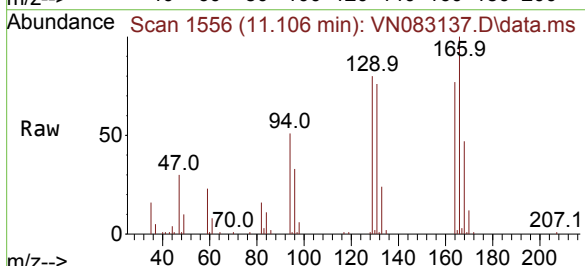
Ion Ratio Lower Upper

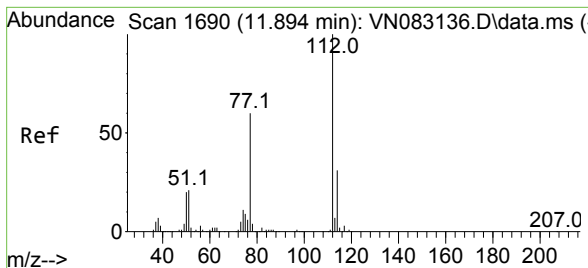
164 100

166 129.4 101.4 152.0

129 103.2 75.7 113.5

131 98.7 73.8 110.6





#65

Chlorobenzene

Concen: 19.933 ug/l

RT: 11.894 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083137.D

Acq: 07 Aug 2024 11:22

Instrument :

MSVOA_N

ClientSampleId :

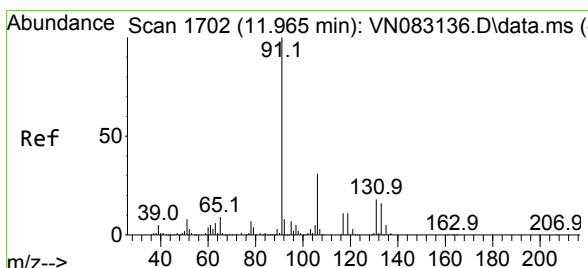
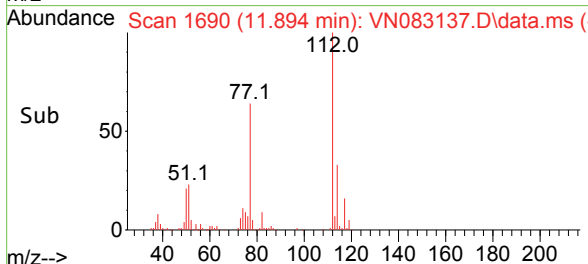
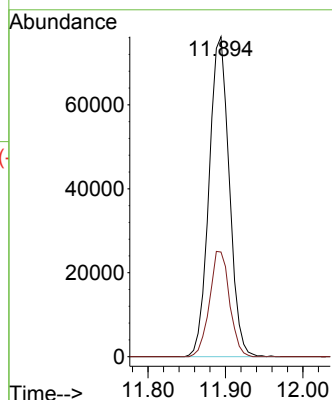
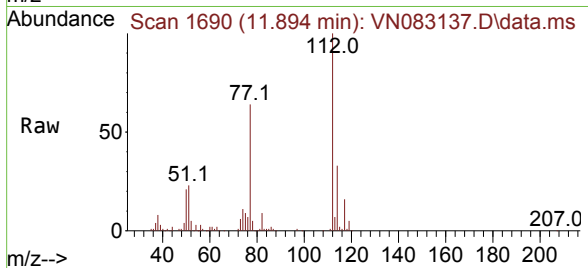
VSTDICC020

Tgt Ion:112 Resp: 137984

Ion Ratio Lower Upper

112 100

114 32.7 26.2 39.2



#66

1,1,1,2-Tetrachloroethane

Concen: 19.762 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.006 min

Lab File: VN083137.D

Acq: 07 Aug 2024 11:22

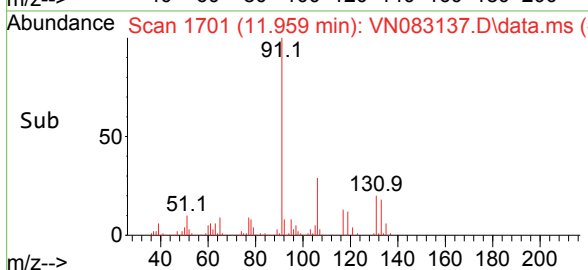
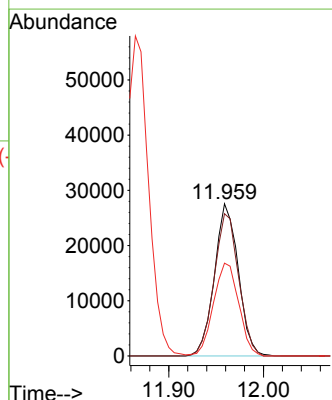
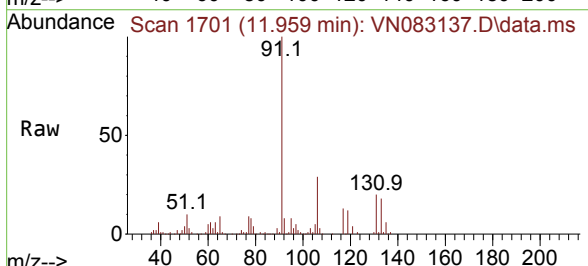
Tgt Ion:131 Resp: 48247

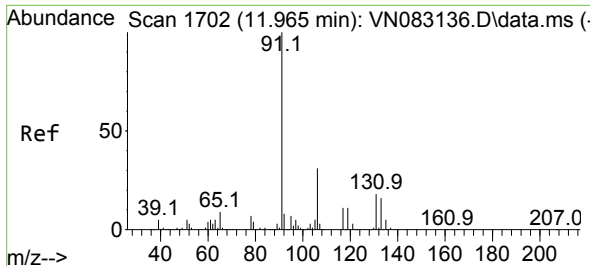
Ion Ratio Lower Upper

131 100

133 96.1 47.3 142.0

119 64.5 32.5 97.4

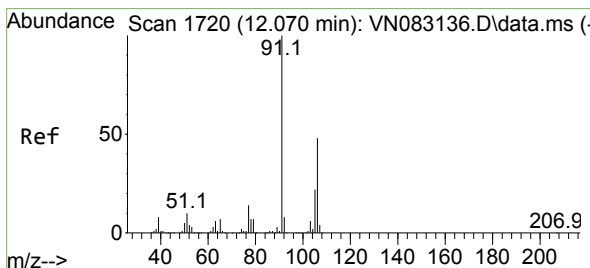
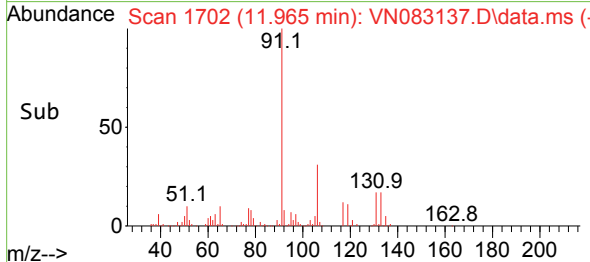
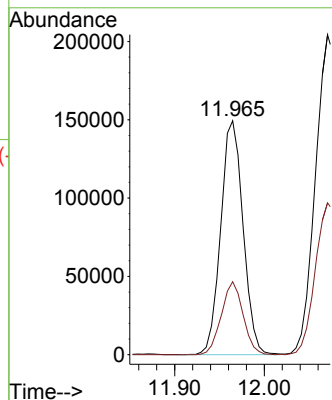
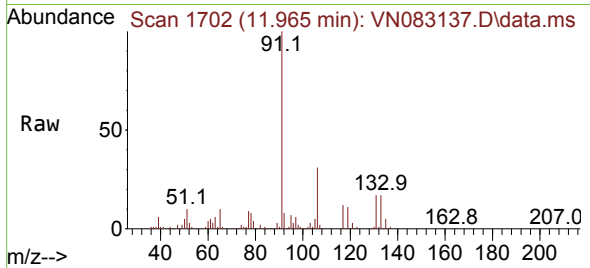




#67
Ethyl Benzene
Concen: 20.335 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

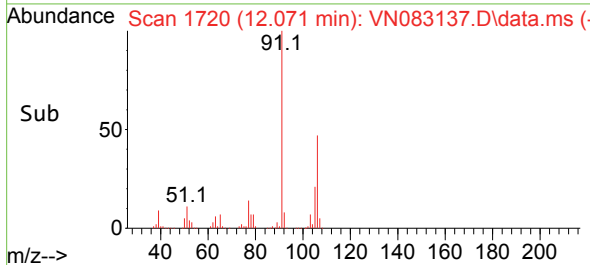
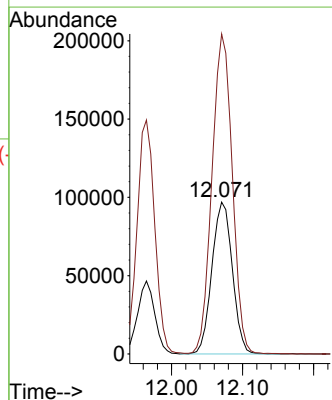
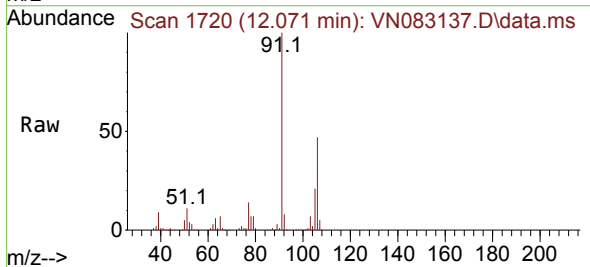
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

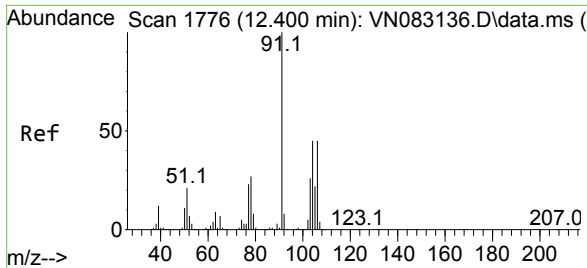
Tgt Ion: 91 Resp: 258237
Ion Ratio Lower Upper
91 100
106 31.2 24.0 36.0



#68
m/p-Xylenes
Concen: 40.625 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

Tgt Ion: 106 Resp: 193256
Ion Ratio Lower Upper
106 100
91 209.9 166.1 249.1

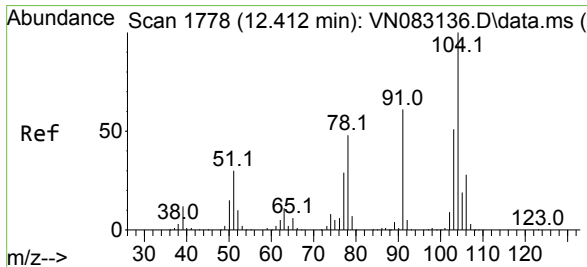
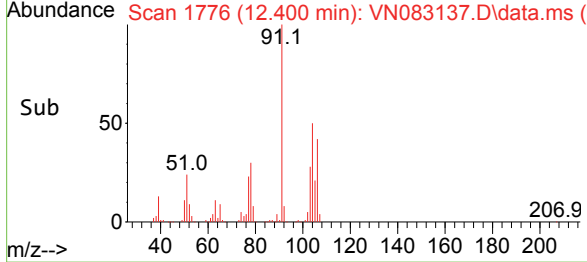
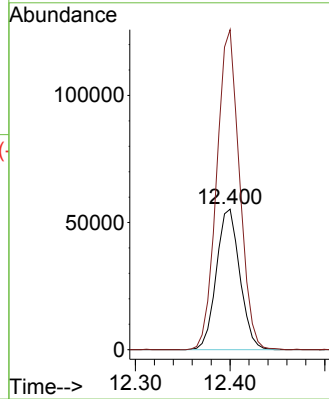
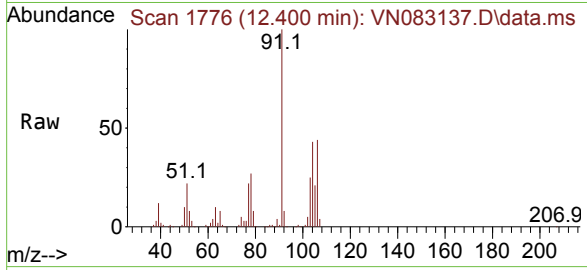




#69
o-Xylene
Concen: 20.281 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

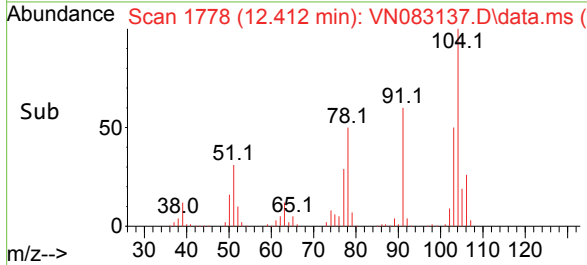
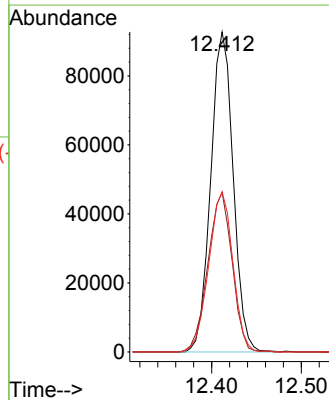
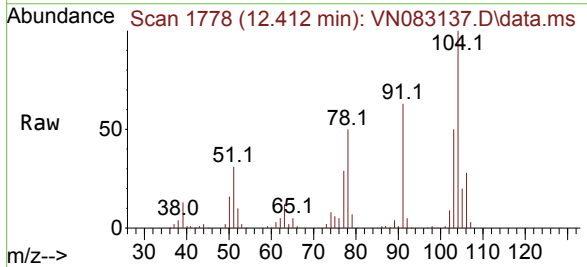
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

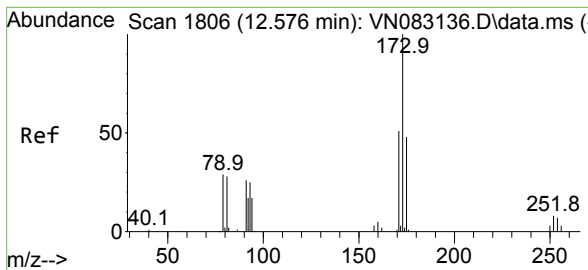
Tgt Ion:106 Resp: 95153
Ion Ratio Lower Upper
106 100
91 221.3 111.3 333.9



#70
Styrene
Concen: 20.475 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

Tgt Ion:104 Resp: 161342
Ion Ratio Lower Upper
104 100
78 53.7 41.6 62.4
103 53.8 44.0 66.0

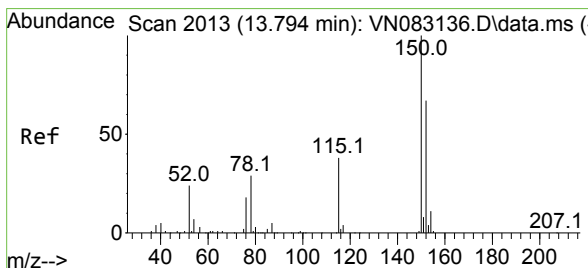
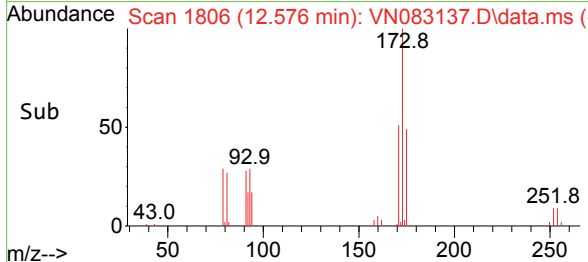
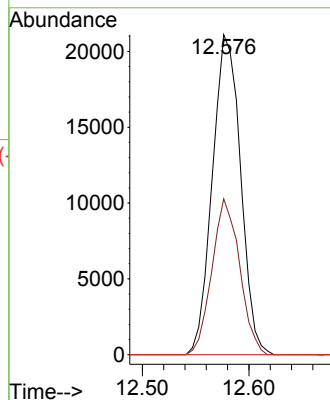
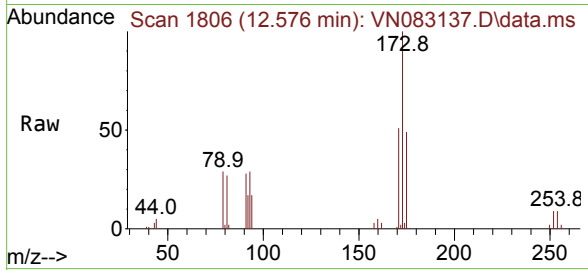




#71
Bromoform
Concen: 20.957 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

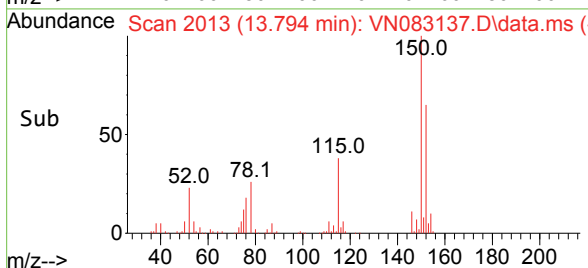
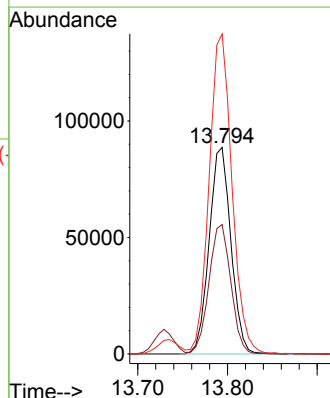
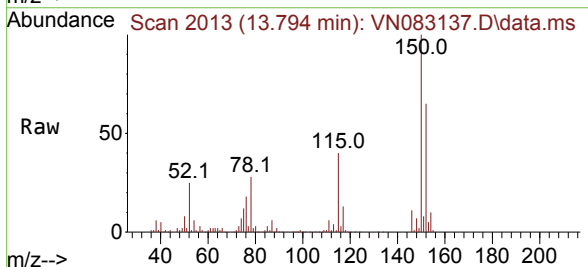
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

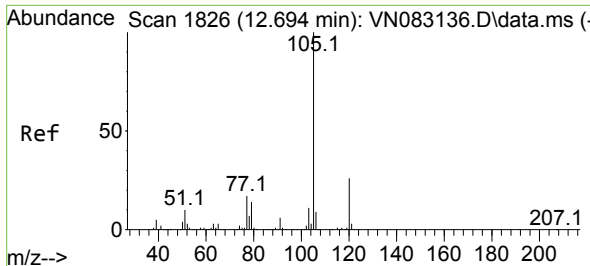
Tgt Ion:173 Resp: 38761
Ion Ratio Lower Upper
173 100
175 47.9 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

Tgt Ion:152 Resp: 149244
Ion Ratio Lower Upper
152 100
115 63.1 30.6 91.6
150 162.7 0.0 348.6

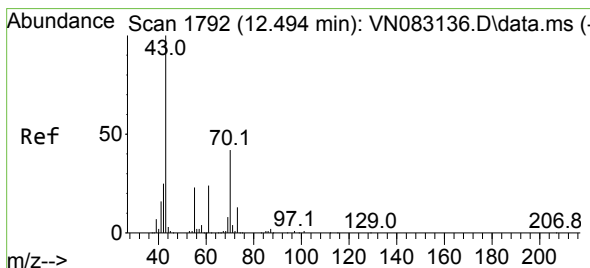
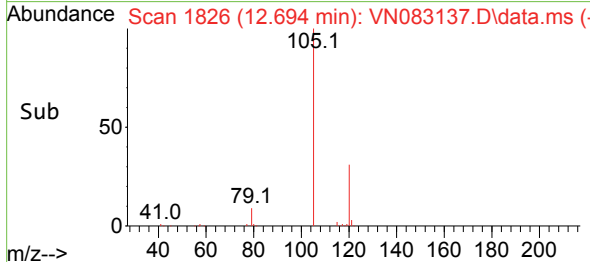
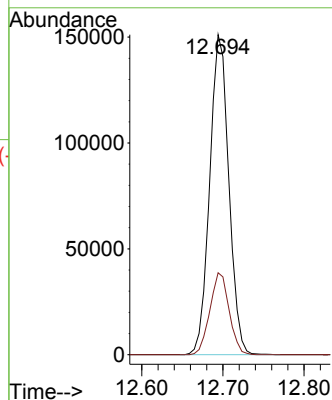
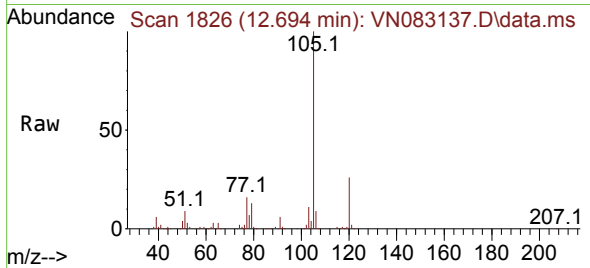




#73
Isopropylbenzene
Concen: 19.764 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

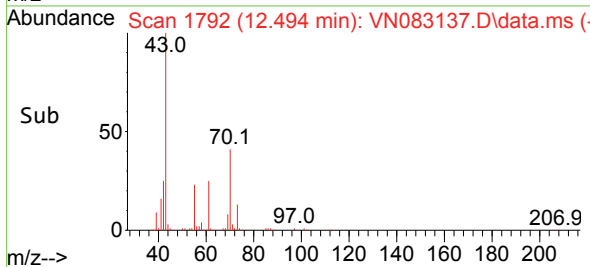
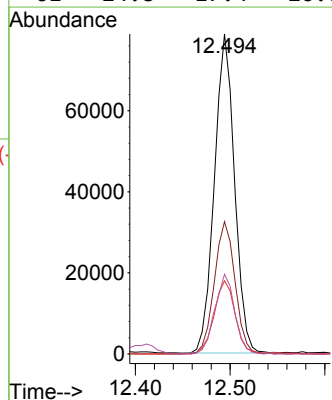
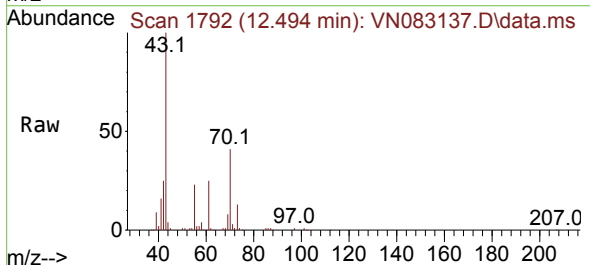
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

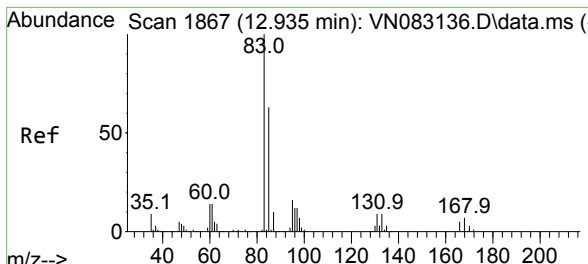
Tgt Ion:105 Resp: 246711
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.6



#74
N-ethyl acetate
Concen: 19.014 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

Tgt Ion: 43 Resp: 116100
Ion Ratio Lower Upper
43 100
70 42.8 29.8 44.6
55 24.0 18.7 28.1
61 24.8 17.4 26.0

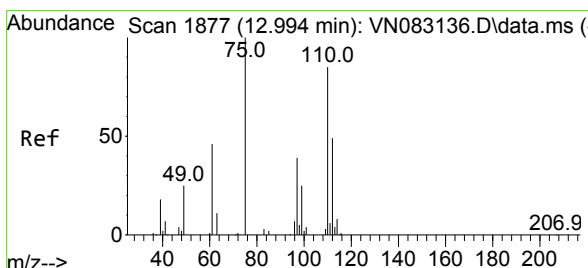
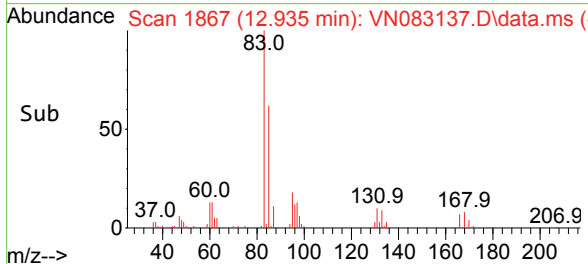
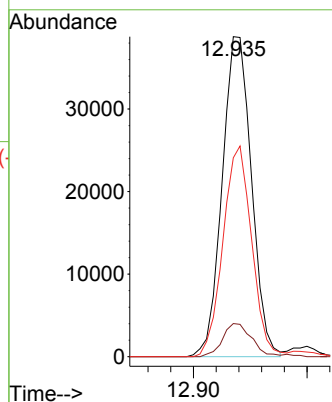
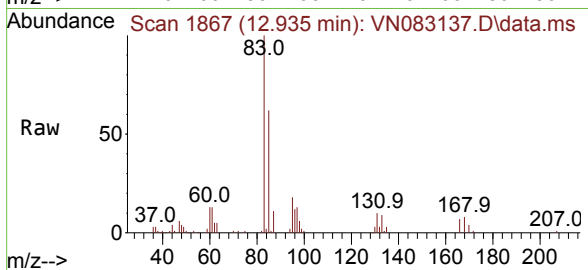




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.670 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN083137.D
 Acq: 07 Aug 2024 11:22

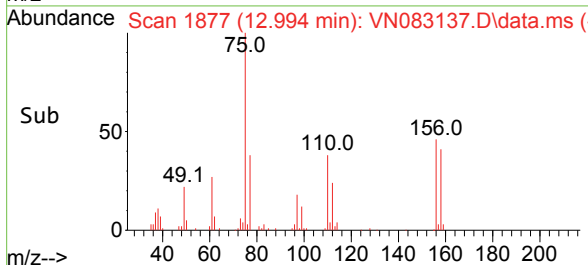
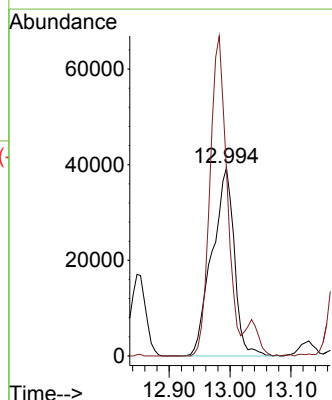
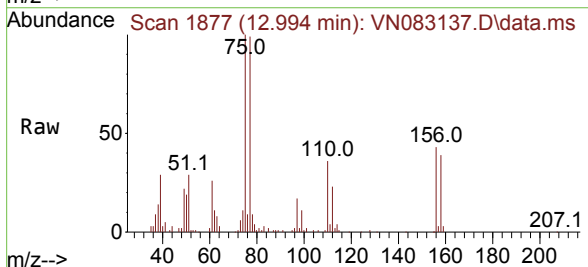
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

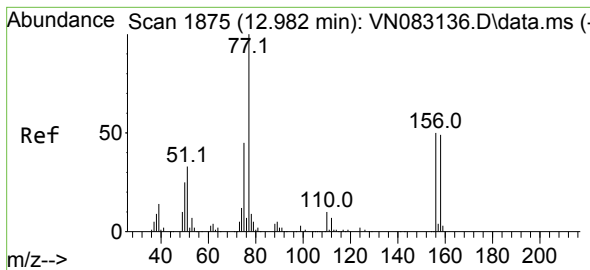
Tgt Ion: 83 Resp: 69449
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.0 14.9
 85 64.6 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 30.363 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN083137.D
 Acq: 07 Aug 2024 11:22

Tgt Ion: 75 Resp: 99617
 Ion Ratio Lower Upper
 75 100
 77 130.4 110.9 332.6





#77

Bromobenzene

Concen: 19.952 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN083137.D

Acq: 07 Aug 2024 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

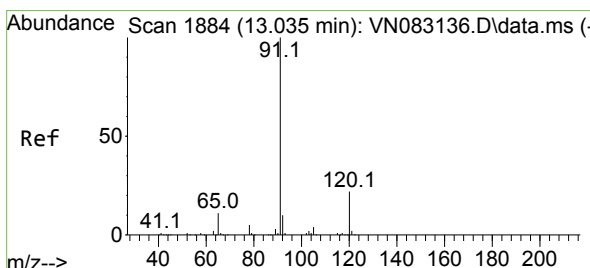
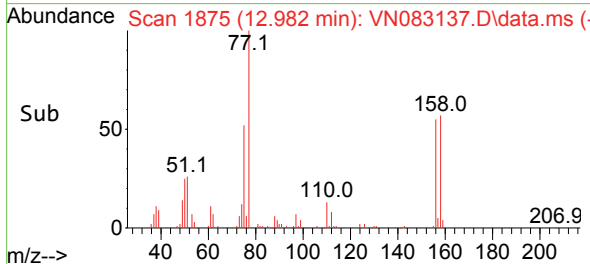
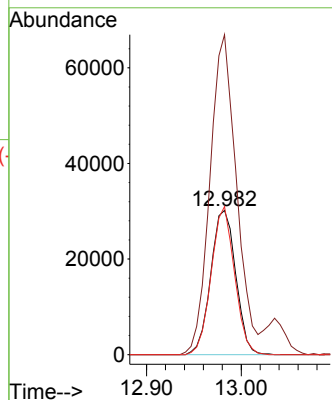
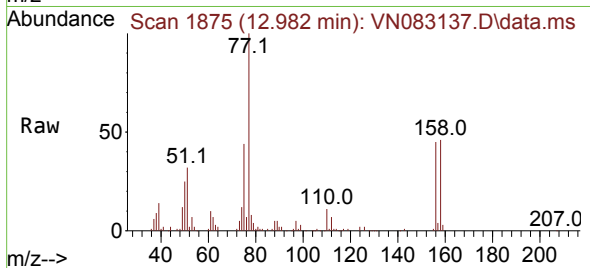
Tgt Ion:156 Resp: 55327

Ion Ratio Lower Upper

156 100

77 234.8 111.3 333.8

158 95.8 48.3 144.9



#78

n-propylbenzene

Concen: 19.740 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN083137.D

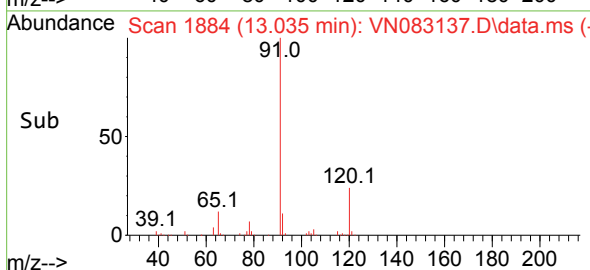
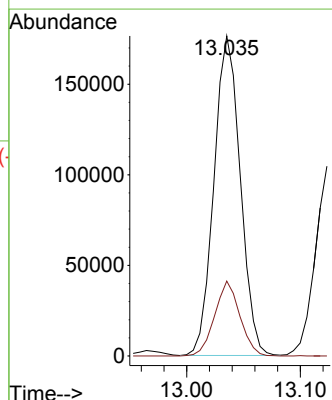
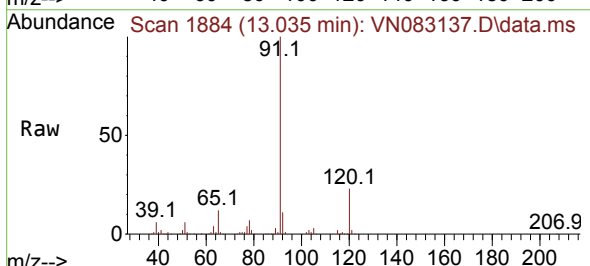
Acq: 07 Aug 2024 11:22

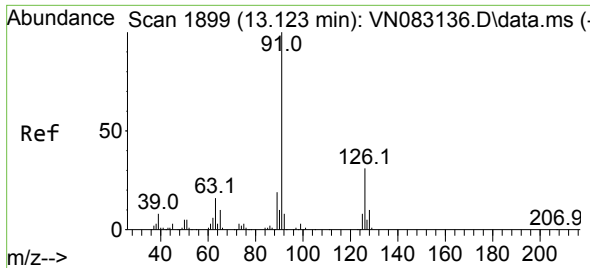
Tgt Ion: 91 Resp: 283745

Ion Ratio Lower Upper

91 100

120 22.4 10.9 32.9

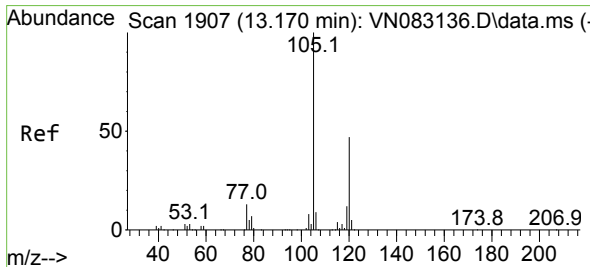
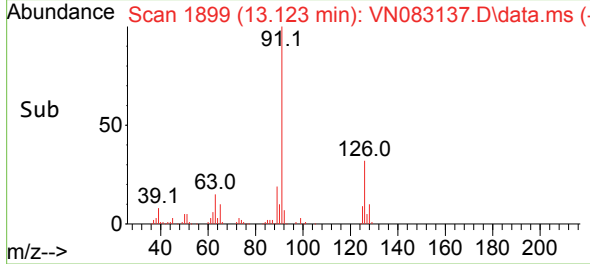
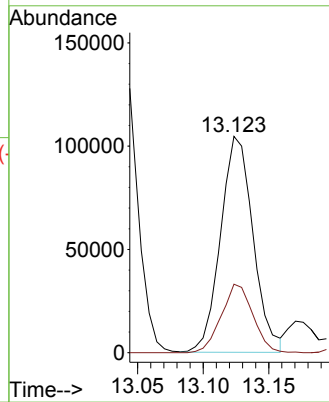
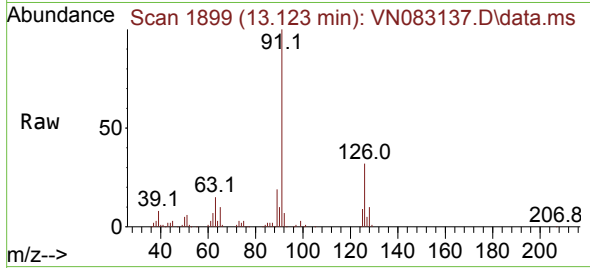




#79
2-Chlorotoluene
Concen: 19.827 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

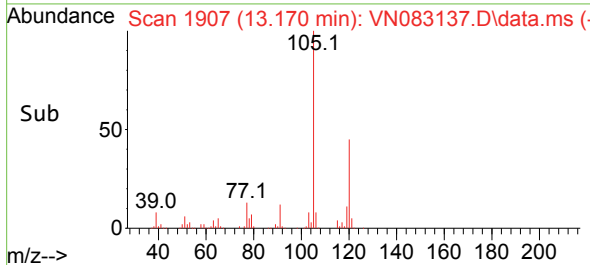
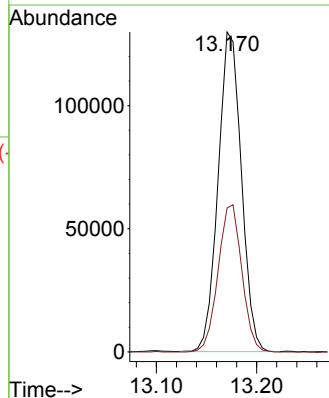
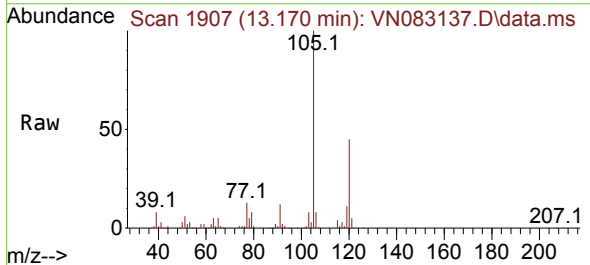
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

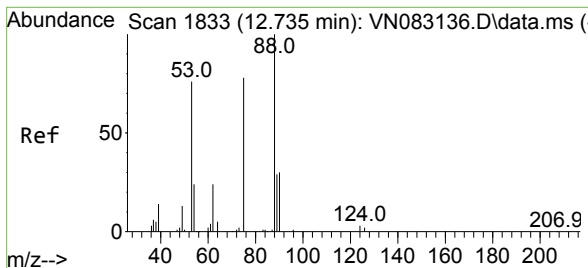
Tgt Ion: 91 Resp: 180682
Ion Ratio Lower Upper
91 100
126 30.7 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 19.938 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

Tgt Ion: 105 Resp: 208367
Ion Ratio Lower Upper
105 100
120 47.2 24.3 72.8

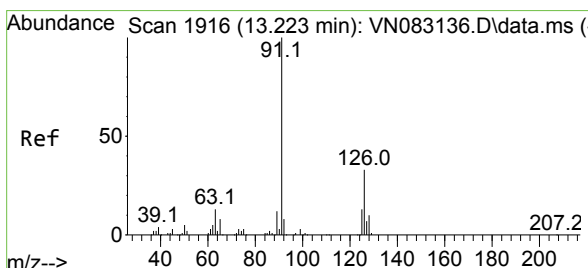
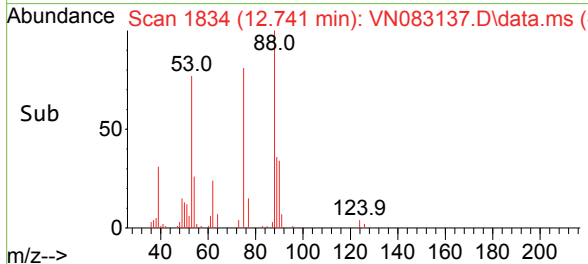
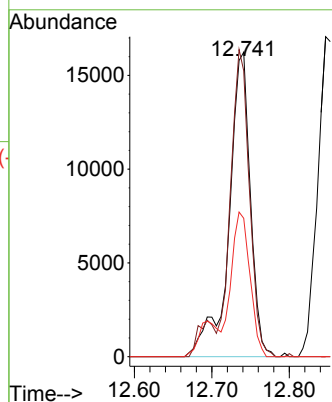
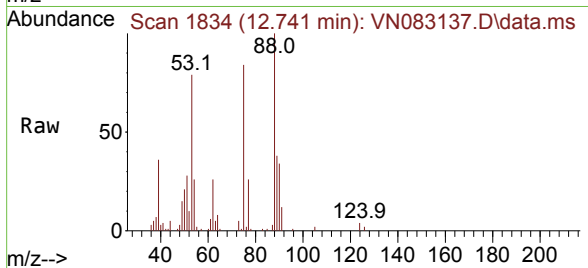




#81
trans-1,4-Dichloro-2-butene
Concen: 20.759 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

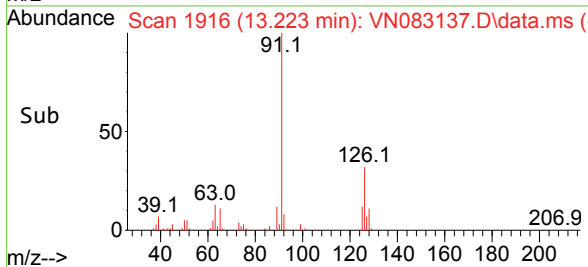
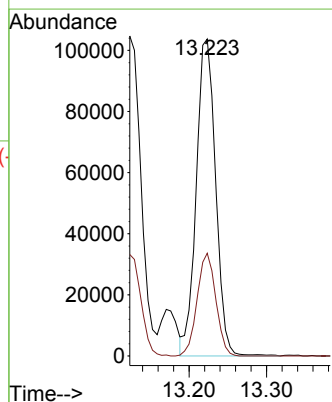
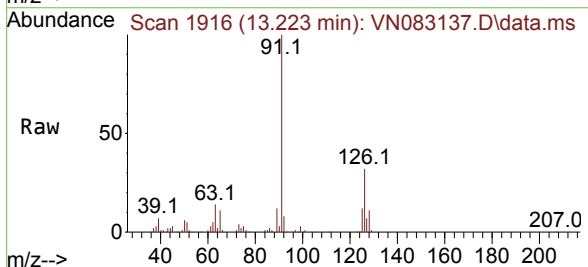
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

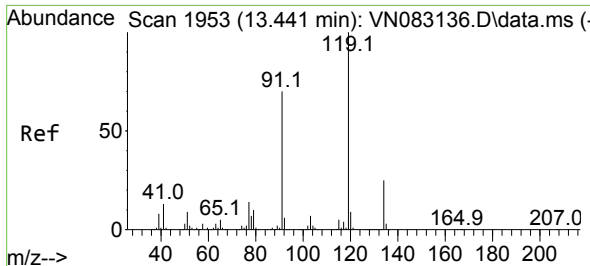
Tgt Ion: 75 Resp: 31260
Ion Ratio Lower Upper
75 100
53 88.0 88.4 132.6#
89 41.4 36.3 54.5



#82
4-Chlorotoluene
Concen: 19.684 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

Tgt Ion: 91 Resp: 179932
Ion Ratio Lower Upper
91 100
126 31.3 16.2 48.6

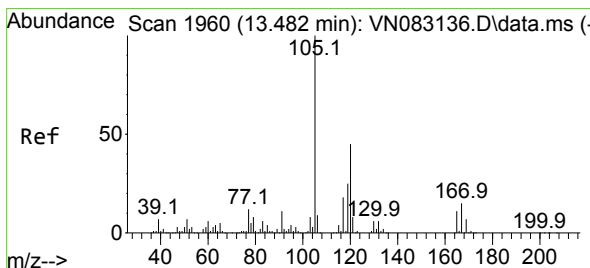
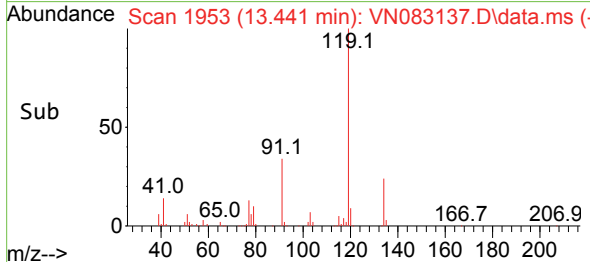
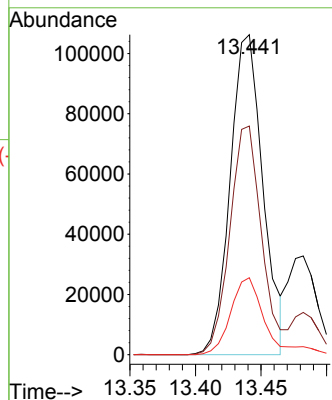
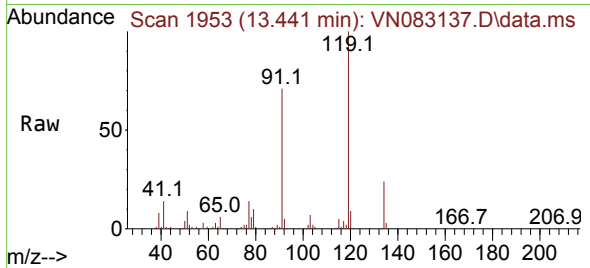




#83
tert-Butylbenzene
Concen: 19.985 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

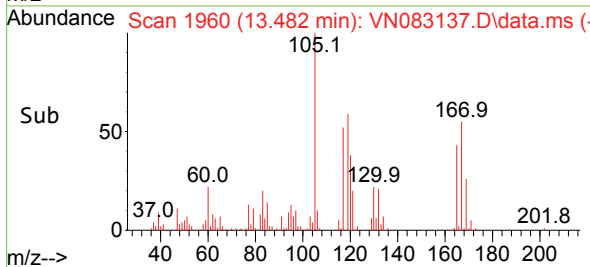
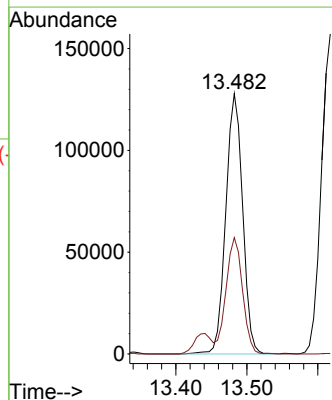
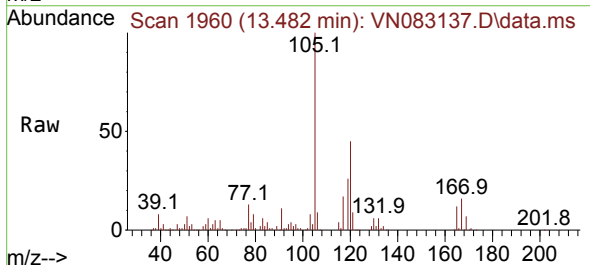
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

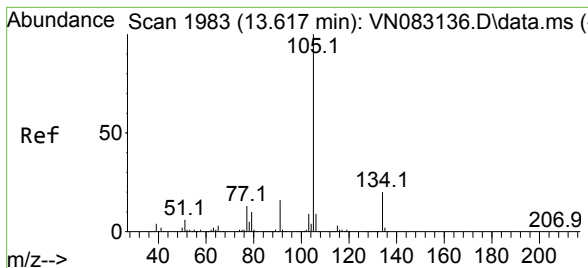
Tgt Ion:119 Resp: 184965
Ion Ratio Lower Upper
119 100
91 70.2 35.0 105.1
134 25.2 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 19.984 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

Tgt Ion:105 Resp: 210474
Ion Ratio Lower Upper
105 100
120 44.0 21.9 65.8

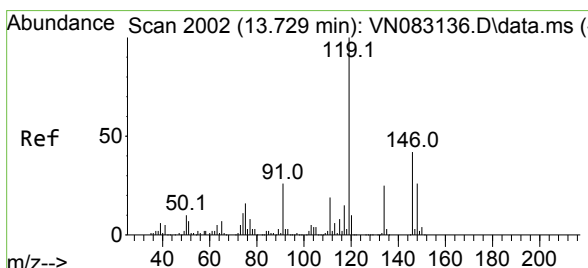
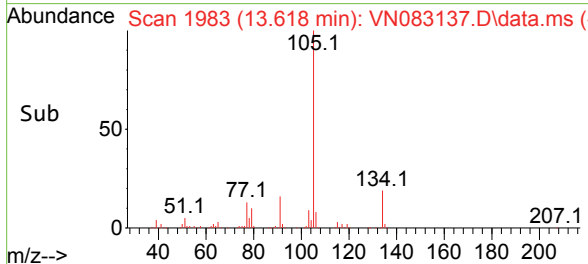
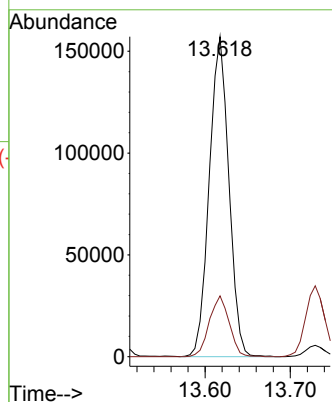
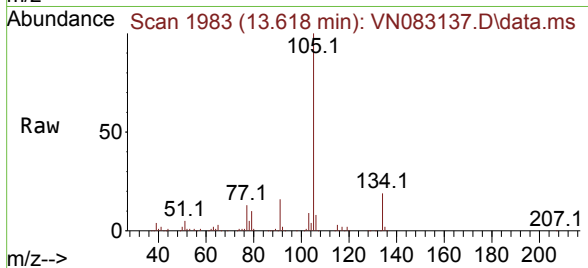




#85
 sec-Butylbenzene
 Concen: 19.862 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083137.D
 Acq: 07 Aug 2024 11:22

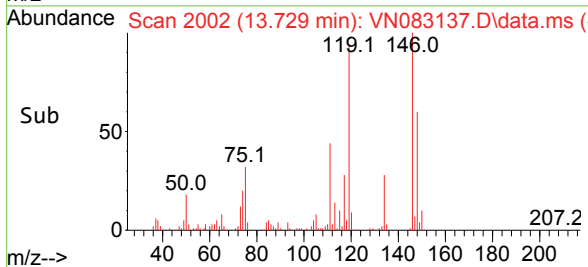
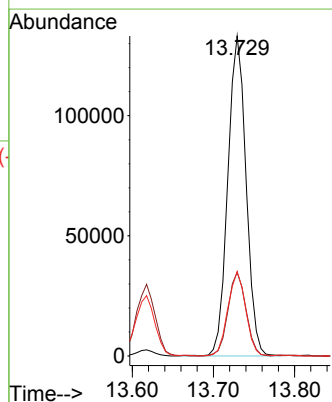
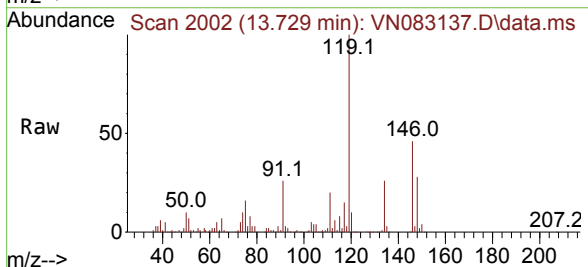
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

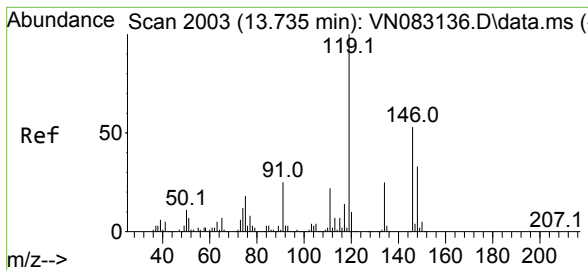
Tgt Ion:105 Resp: 250829
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 19.986 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083137.D
 Acq: 07 Aug 2024 11:22

Tgt Ion:119 Resp: 208404
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 39.0
 91 25.8 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 19.897 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN083137.D

Acq: 07 Aug 2024 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

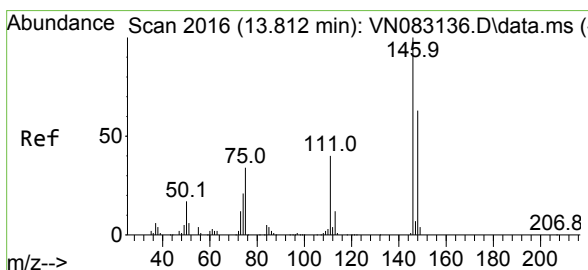
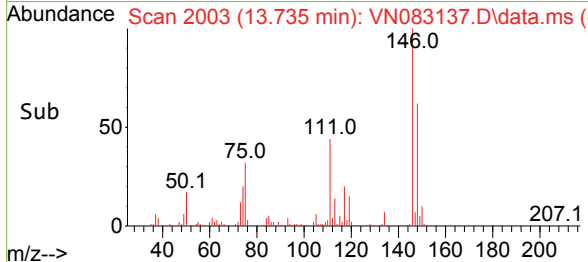
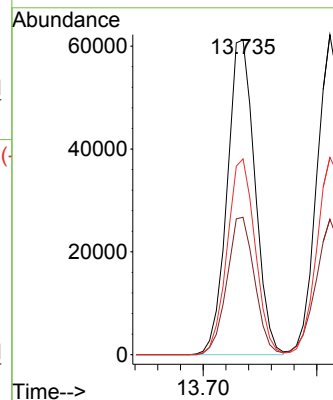
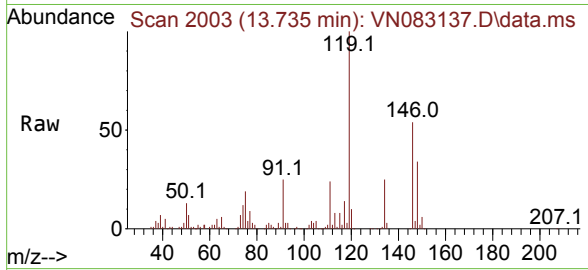
Tgt Ion:146 Resp: 103819

Ion Ratio Lower Upper

146 100

111 43.7 20.6 61.9

148 62.7 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 19.605 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN083137.D

Acq: 07 Aug 2024 11:22

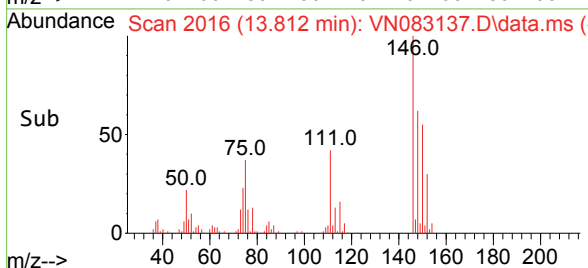
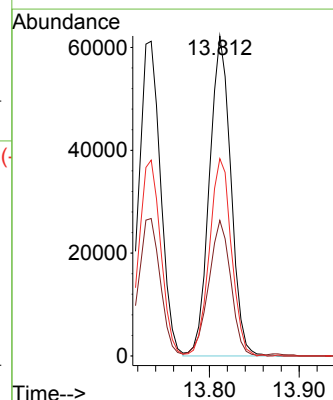
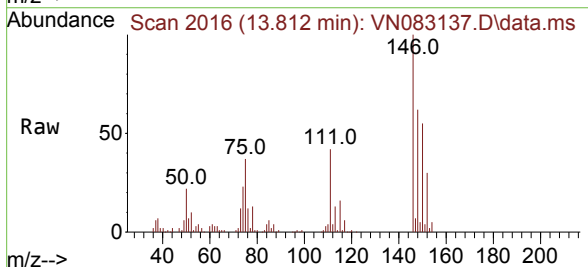
Tgt Ion:146 Resp: 103132

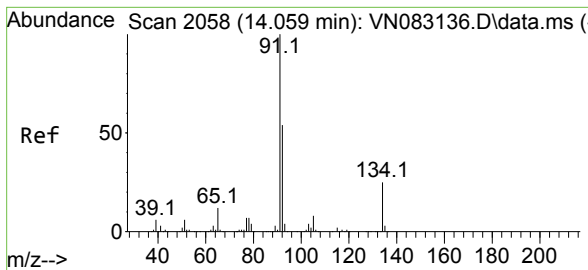
Ion Ratio Lower Upper

146 100

111 43.2 20.1 60.3

148 63.5 32.2 96.6





#89

n-Butylbenzene

Concen: 19.975 ug/l

RT: 14.053 min Scan# 2058

Delta R.T. -0.006 min

Lab File: VN083137.D

Acq: 07 Aug 2024 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

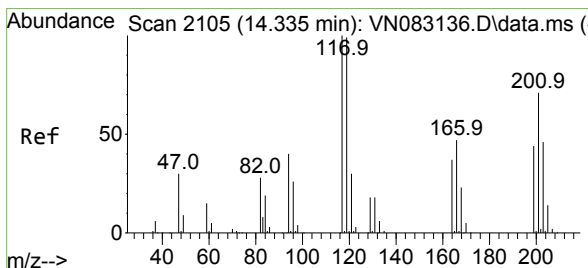
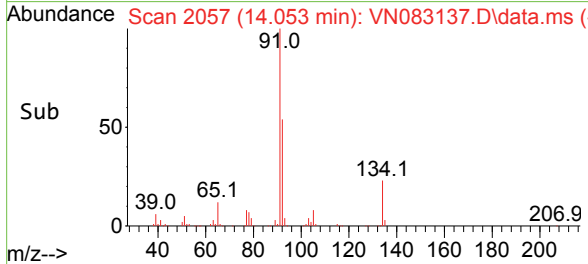
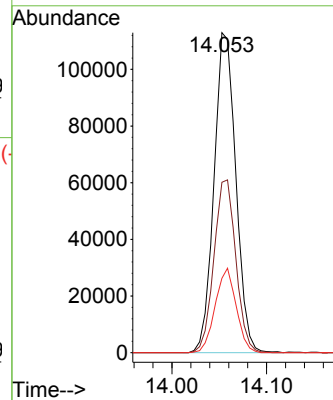
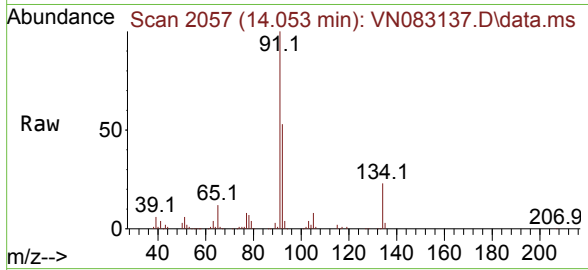
Tgt Ion: 91 Resp: 180483

Ion Ratio Lower Upper

91 100

92 54.3 26.1 78.3

134 25.4 12.1 36.3



#90

Hexachloroethane

Concen: 20.343 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN083137.D

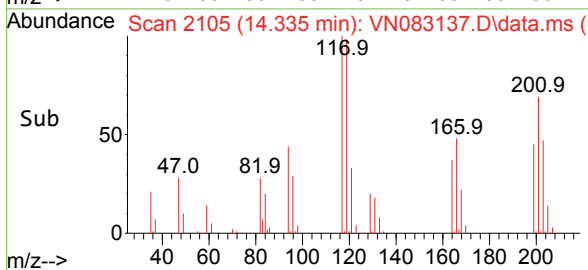
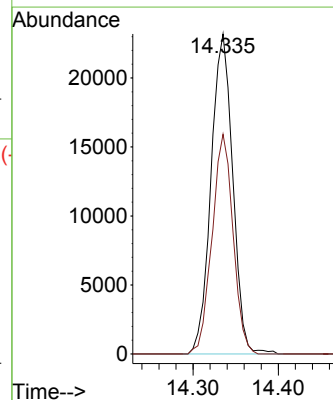
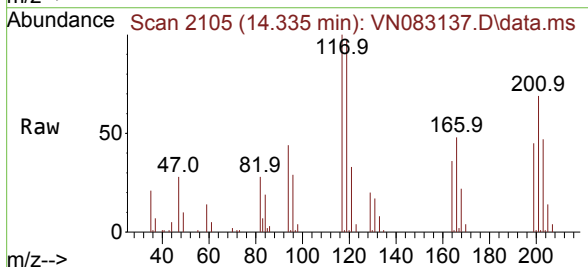
Acq: 07 Aug 2024 11:22

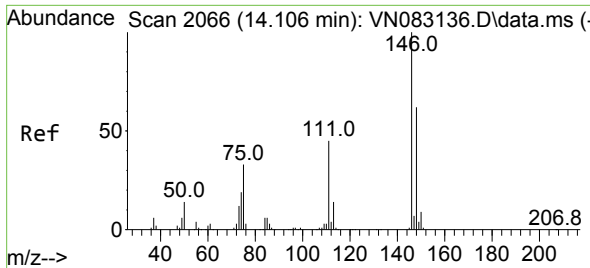
Tgt Ion: 117 Resp: 40982

Ion Ratio Lower Upper

117 100

201 66.5 35.8 107.3

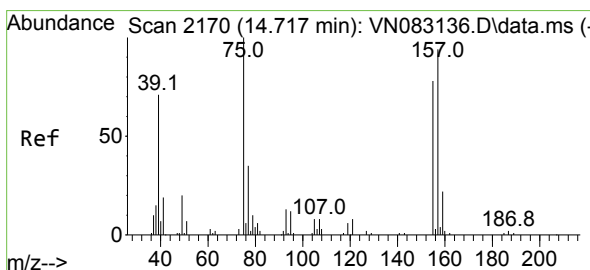
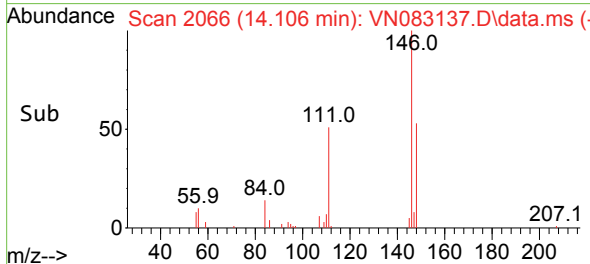
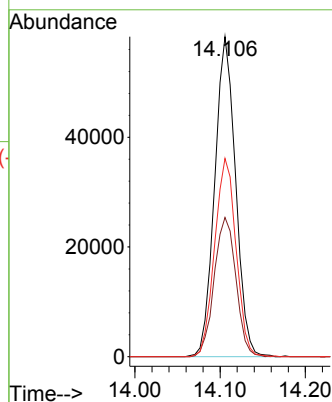
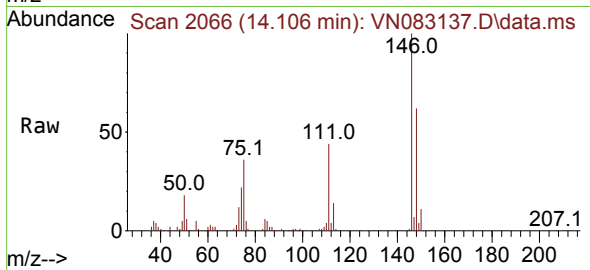




#91
1,2-Dichlorobenzene
Concen: 19.673 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

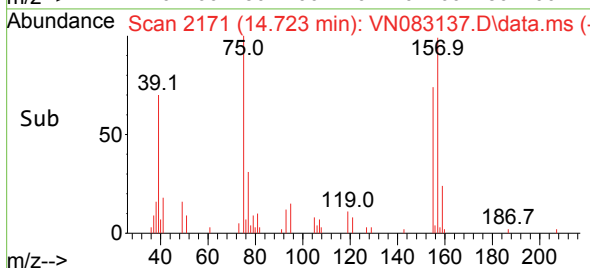
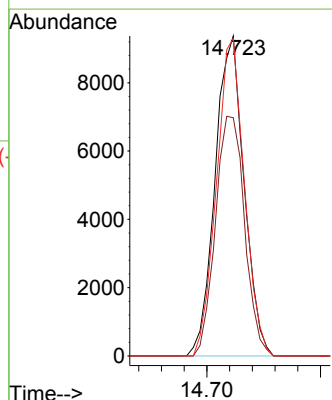
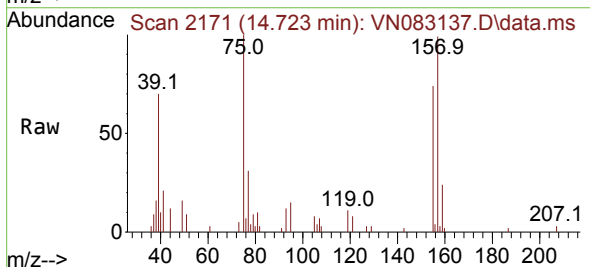
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

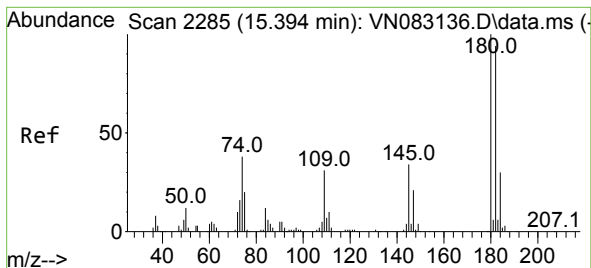
Tgt Ion:146 Resp: 99334
Ion Ratio Lower Upper
146 100
111 45.3 21.4 64.2
148 63.5 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.320 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

Tgt Ion: 75 Resp: 16552
Ion Ratio Lower Upper
75 100
155 75.5 36.6 109.8
157 95.6 46.9 140.6





#93

1,2,4-Trichlorobenzene

Concen: 19.902 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VN083137.D

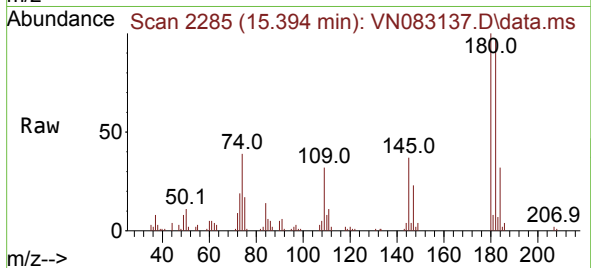
Acq: 07 Aug 2024 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020



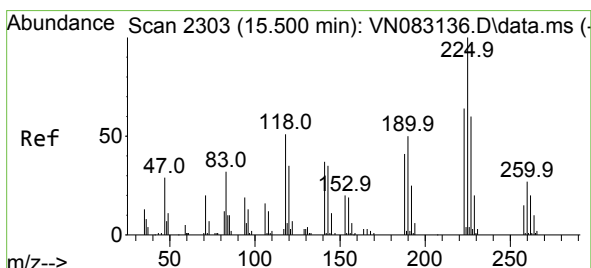
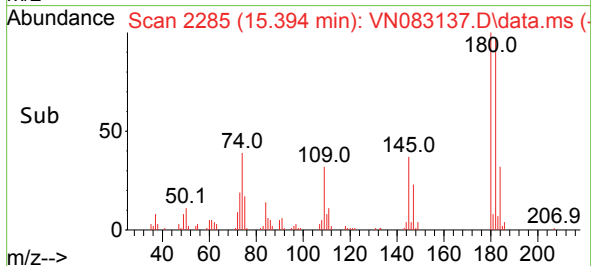
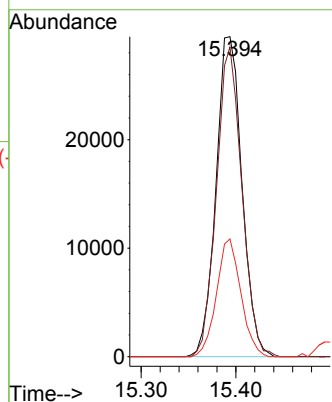
Tgt Ion:180 Resp: 56299

Ion Ratio Lower Upper

180 100

182 94.3 47.3 141.8

145 34.5 15.7 47.1



#94

Hexachlorobutadiene

Concen: 18.859 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN083137.D

Acq: 07 Aug 2024 11:22

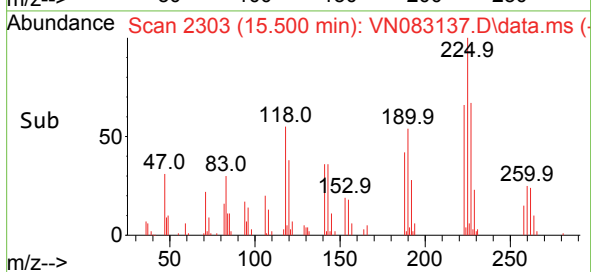
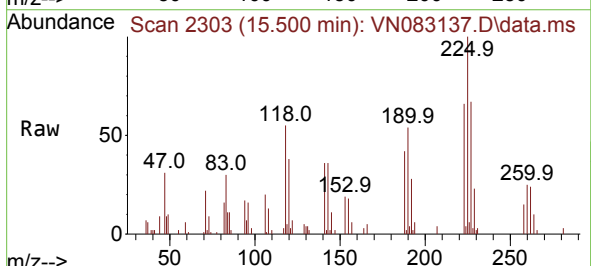
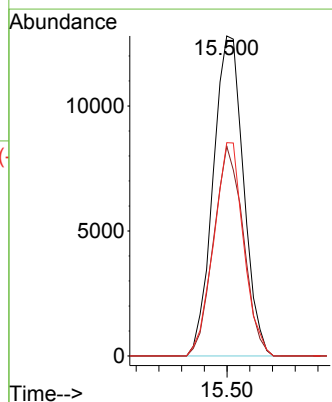
Tgt Ion:225 Resp: 23725

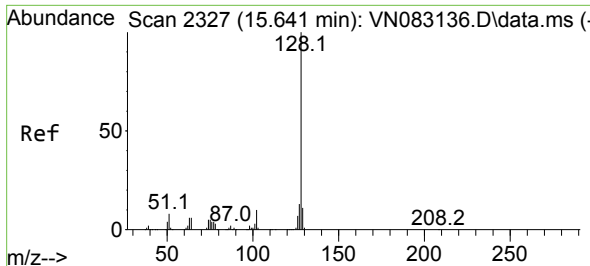
Ion Ratio Lower Upper

225 100

223 64.3 31.9 95.7

227 65.7 32.5 97.5

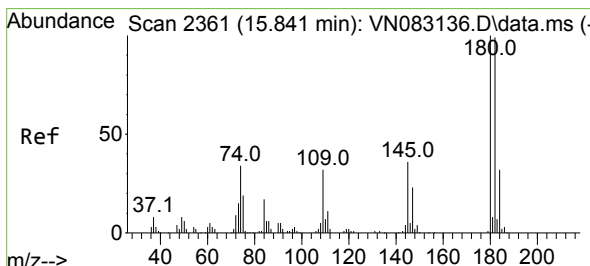
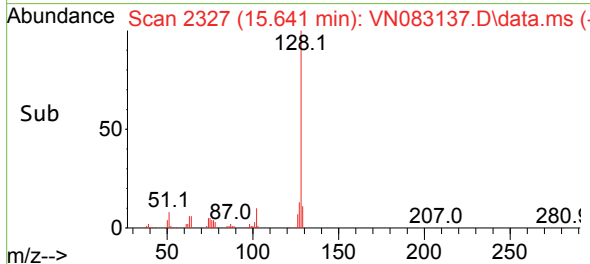
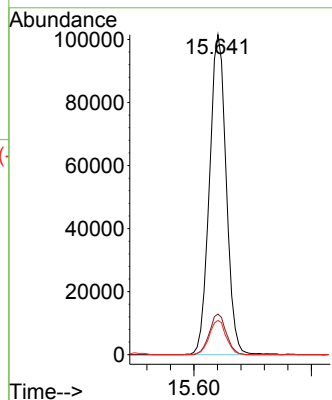
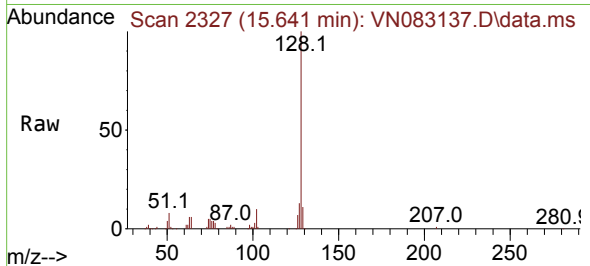




#95
Naphthalene
Concen: 20.047 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 200875
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 19.630 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN083137.D
Acq: 07 Aug 2024 11:22

Tgt Ion:180 Resp: 54944
Ion Ratio Lower Upper
180 100
182 93.5 48.9 146.8
145 35.9 16.8 50.4

