

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081524\
 Data File : VN083343.D
 Acq On : 15 Aug 2024 20:03
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Aug 16 04:00:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	136694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	246434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	218012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	107529	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	121374	62.381	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 124.760%	
35) Dibromofluoromethane	8.165	113	88266	57.383	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 114.760%	
50) Toluene-d8	10.565	98	322787	56.256	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 112.520%	
62) 4-Bromofluorobenzene	12.847	95	127372	56.941	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 113.880%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	78360	50.551	ug/l	98
3) Chloromethane	2.359	50	78527	49.481	ug/l	97
4) Vinyl Chloride	2.512	62	88667	54.754	ug/l	99
5) Bromomethane	2.930	94	38656	38.471	ug/l	97
6) Chloroethane	3.106	64	58351	57.595	ug/l	98
7) Trichlorofluoromethane	3.489	101	154103	57.605	ug/l	97
8) Diethyl Ether	3.959	74	53852	54.098	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.371	101	82387	55.859	ug/l	99
10) Methyl Iodide	4.583	142	74001	38.142	ug/l	97
11) Tert butyl alcohol	5.524	59	121216	299.780	ug/l	98
12) 1,1-Dichloroethene	4.341	96	78413	51.748	ug/l	93
13) Acrolein	4.183	56	70377	267.053	ug/l	100
14) Allyl chloride	5.024	41	145544	50.828	ug/l	89
15) Acrylonitrile	5.718	53	241889	290.871	ug/l	98
16) Acetone	4.430	43	196819	258.516	ug/l	92
17) Carbon Disulfide	4.712	76	190644	42.998	ug/l	99
18) Methyl Acetate	5.024	43	139885	61.668	ug/l	93
19) Methyl tert-butyl Ether	5.794	73	307113	56.152	ug/l	98
20) Methylene Chloride	5.277	84	92377	52.721	ug/l	84
21) trans-1,2-Dichloroethene	5.788	96	82194	52.483	ug/l	90
22) Diisopropyl ether	6.671	45	306030	56.856	ug/l	95
23) Vinyl Acetate	6.606	43	1699828	308.104	ug/l	96
24) 1,1-Dichloroethane	6.571	63	170448	58.096	ug/l	99
25) 2-Butanone	7.488	43	329209	281.612	ug/l	91
26) 2,2-Dichloropropane	7.494	77	128471	47.152	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	103720	54.883	ug/l	93
28) Bromochloromethane	7.812	49	64661	53.930	ug/l	87
29) Tetrahydrofuran	7.841	42	219566	290.550	ug/l	88
30) Chloroform	7.965	83	180196	59.118	ug/l	99
31) Cyclohexane	8.259	56	137096	47.547	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	167422	58.029	ug/l	96
36) 1,1-Dichloropropene	8.371	75	120205	51.660	ug/l	100
37) Ethyl Acetate	7.559	43	133003	51.051	ug/l #	94
38) Carbon Tetrachloride	8.365	117	141641	54.045	ug/l	100
39) Methylcyclohexane	9.600	83	137044	47.951	ug/l	92
40) Benzene	8.606	78	374221	53.986	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	75445	50.931	ug/l	95
42) 1,2-Dichloroethane	8.676	62	143973	57.017	ug/l	98
43) Isopropyl Acetate	8.688	43	231019	51.210	ug/l #	92
44) Trichloroethene	9.353	130	86119	52.196	ug/l	93
45) 1,2-Dichloropropane	9.623	63	93425	56.780	ug/l	95
46) Dibromomethane	9.712	93	67347	57.183	ug/l	98
47) Bromodichloromethane	9.888	83	145019	54.839	ug/l	97
48) Methyl methacrylate	9.682	41	110623	51.359	ug/l	91
49) 1,4-Dioxane	9.694	88	41828	1076.408	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	713110	289.451	ug/l	94
52) Toluene	10.629	92	235001	53.656	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	144881	53.336	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	150715	52.164	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	91116	58.052	ug/l	97
56) Ethyl methacrylate	10.876	69	158426	53.542	ug/l	90
57) 1,3-Dichloropropane	11.165	76	158537	56.668	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	340857	272.524	ug/l	97
59) 2-Hexanone	11.200	43	535360	280.883	ug/l	93
60) Dibromochloromethane	11.359	129	107223	56.502	ug/l	99
61) 1,2-Dibromoethane	11.470	107	91637	55.577	ug/l	99
64) Tetrachloroethene	11.106	164	75510	52.298	ug/l	94
65) Chlorobenzene	11.894	112	255853	53.106	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	92537	54.461	ug/l	98
67) Ethyl Benzene	11.964	91	464046	52.505	ug/l	99
68) m/p-Xylenes	12.070	106	348213	105.178	ug/l	97
69) o-Xylene	12.400	106	172946	52.966	ug/l	100
70) Styrene	12.412	104	296948	54.147	ug/l	98
71) Bromoform	12.582	173	70522	54.786	ug/l #	100
73) Isopropylbenzene	12.694	105	453395	50.411	ug/l	100
74) N-amyl acetate	12.494	43	210042	47.744	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	137195	53.933	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	181933	77.090	ug/l	45
77) Bromobenzene	12.982	156	102978	51.542	ug/l	95
78) n-propylbenzene	13.035	91	530990	51.272	ug/l	100
79) 2-Chlorotoluene	13.123	91	331409	50.474	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	385659	51.217	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	45011	41.487	ug/l	98
82) 4-Chlorotoluene	13.223	91	329781	50.073	ug/l	98
83) tert-Butylbenzene	13.441	119	338032	50.692	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	393338	51.834	ug/l	100
85) sec-Butylbenzene	13.617	105	460243	50.582	ug/l	99
86) p-Isopropyltoluene	13.729	119	386616	51.461	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	194068	51.622	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	191670	50.572	ug/l	98
89) n-Butylbenzene	14.058	91	333890	51.290	ug/l	99
90) Hexachloroethane	14.335	117	72017	49.617	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	187824	51.629	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	30442	49.316	ug/l	100
93) 1,2,4-Trichlorobenzene	15.394	180	99776	48.955	ug/l	98
94) Hexachlorobutadiene	15.500	225	39990	44.119	ug/l	100
95) Naphthalene	15.641	128	359807	49.839	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	99366	49.272	ug/l	97

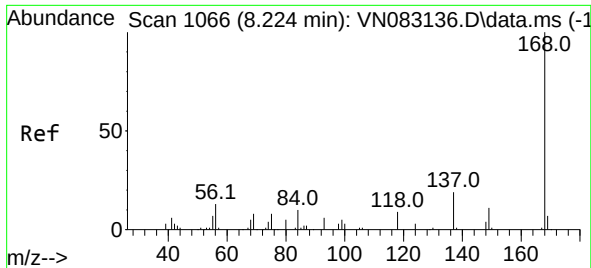
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Response via : Initial Calibration

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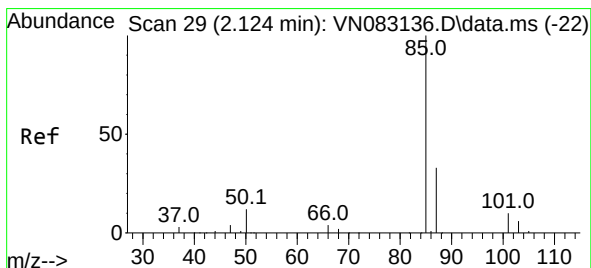
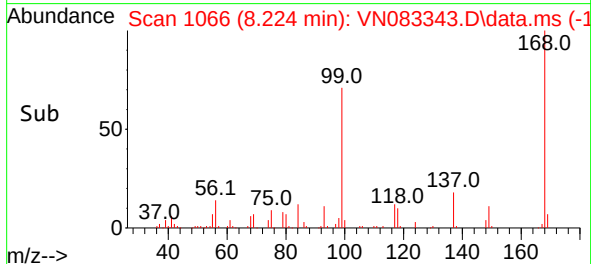
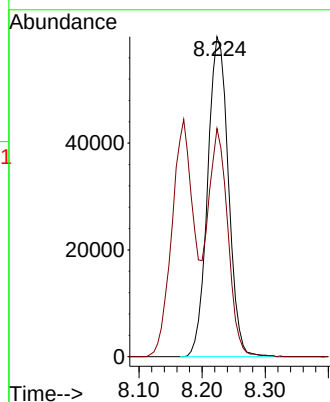
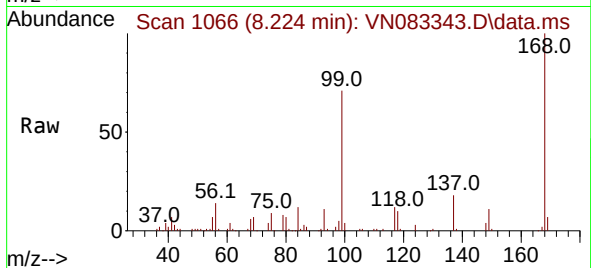
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

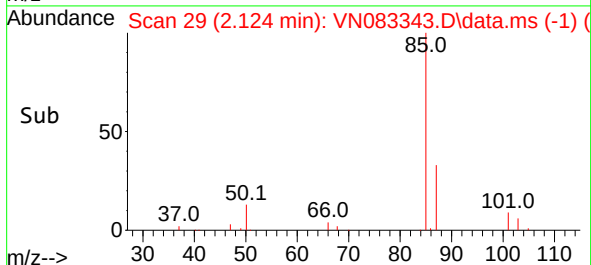
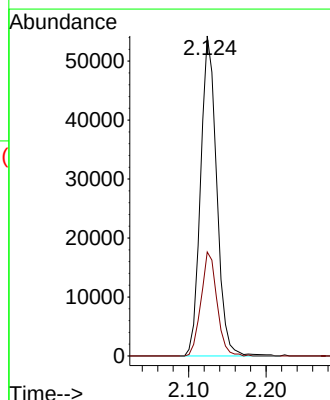
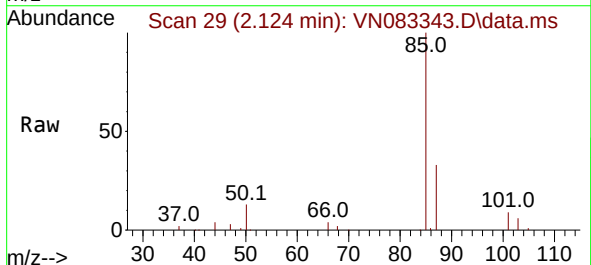
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VSTDCCC050EC

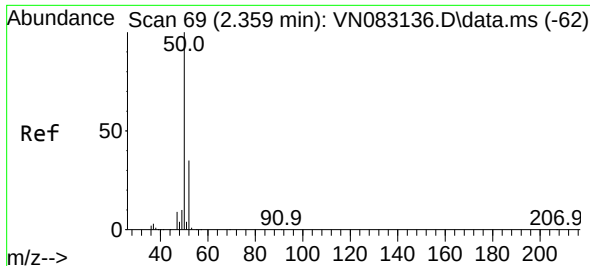
Tgt Ion:168 Resp: 136694
Ion Ratio Lower Upper
168 100
99 71.1 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 50.551 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

Tgt Ion: 85 Resp: 78360
Ion Ratio Lower Upper
85 100
87 32.5 15.7 47.0

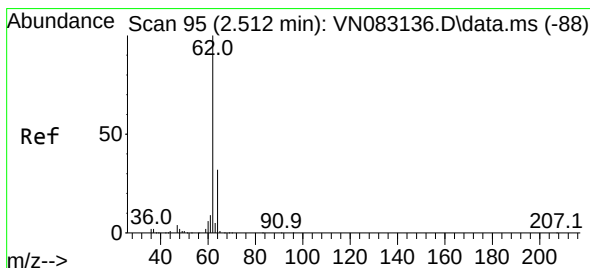
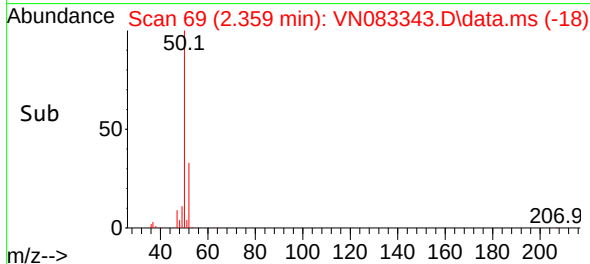
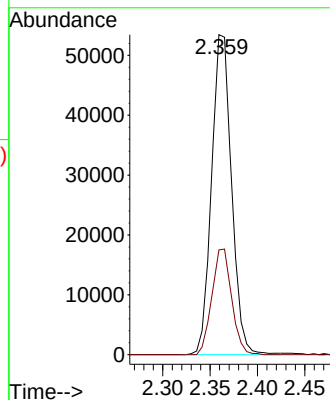
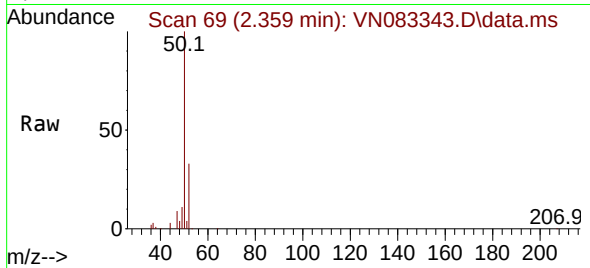




#3
Chloromethane
Concen: 49.481 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

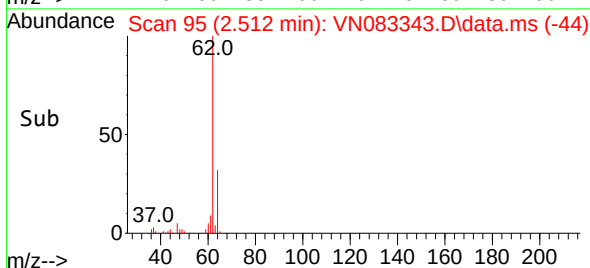
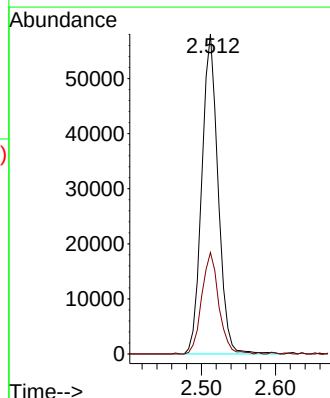
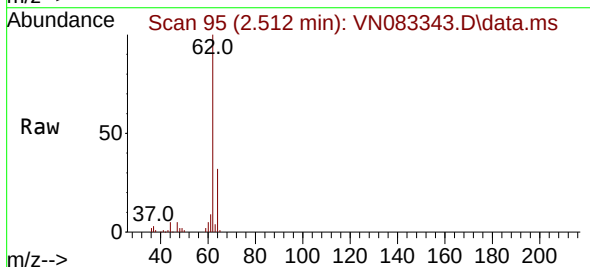
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ClientSampleId :
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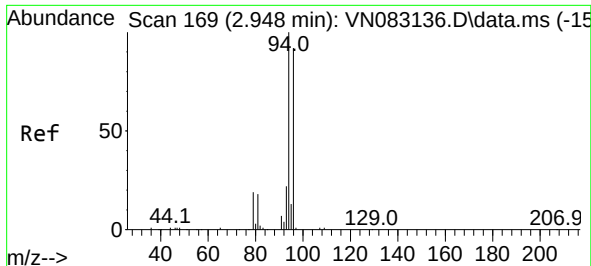
Tgt Ion: 50 Resp: 78527
Ion Ratio Lower Upper
50 100
52 32.7 25.0 37.4



#4
Vinyl Chloride
Concen: 54.754 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

Tgt Ion: 62 Resp: 88667
Ion Ratio Lower Upper
62 100
64 31.7 25.0 37.6

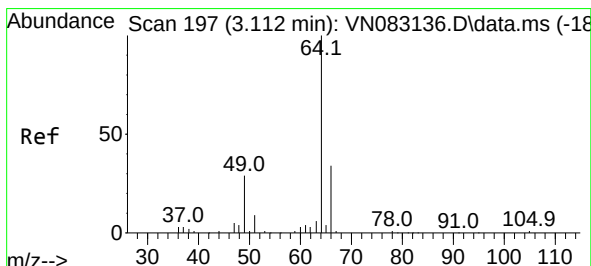
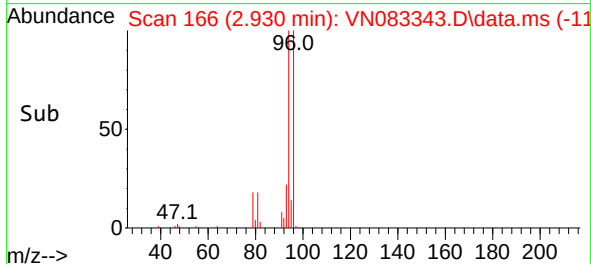
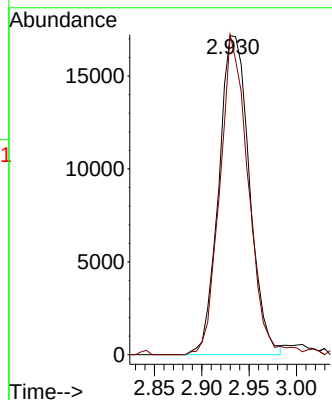
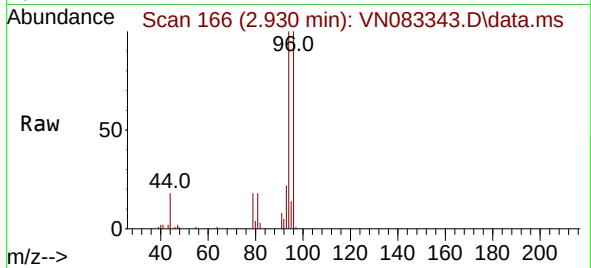




#5
Bromomethane
Concen: 38.471 ug/l
RT: 2.930 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

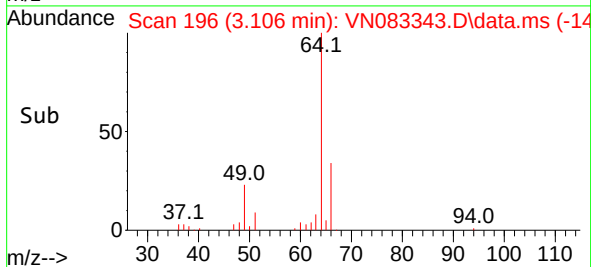
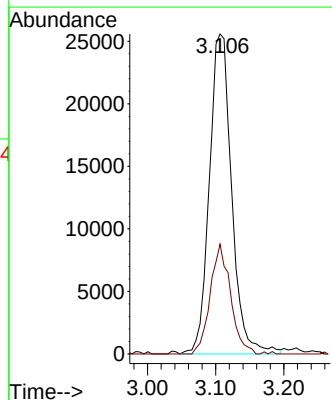
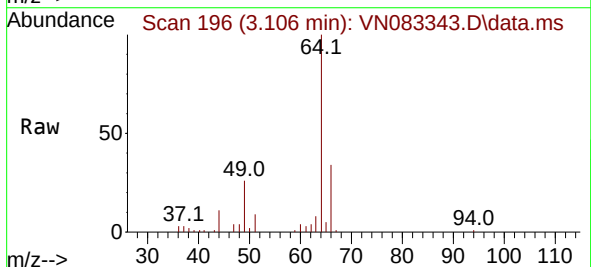
Instrument :
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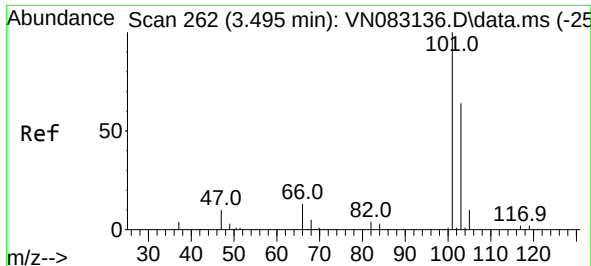
Tgt Ion: 94 Resp: 38656
Ion Ratio Lower Upper
94 100
96 100.3 78.0 117.0



#6
Chloroethane
Concen: 57.595 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.006 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

Tgt Ion: 64 Resp: 58351
Ion Ratio Lower Upper
64 100
66 34.3 26.6 40.0

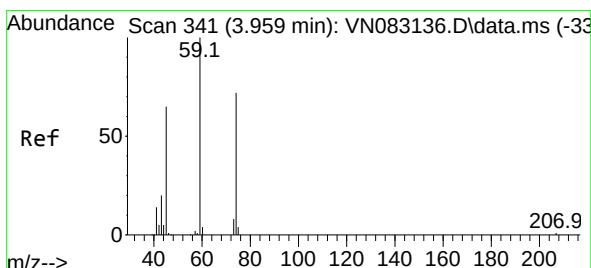
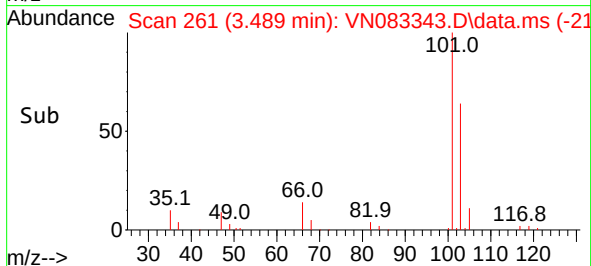
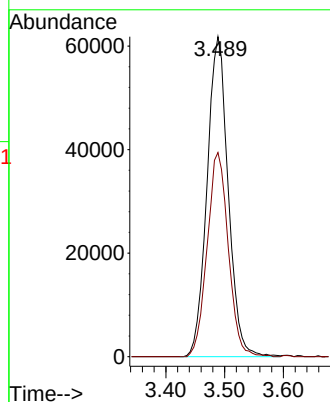
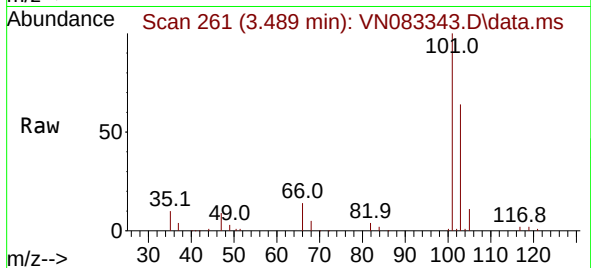




#7
 Trichlorofluoromethane
 Concen: 57.605 ug/l
 RT: 3.489 min Scan# 261
 Delta R.T. -0.006 min
 Lab File: VN083343.D
 Acq: 15 Aug 2024 20:03

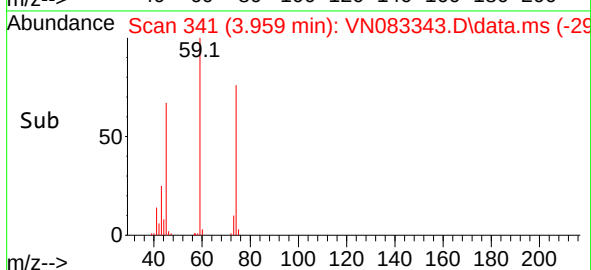
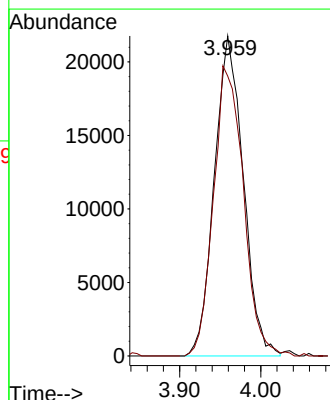
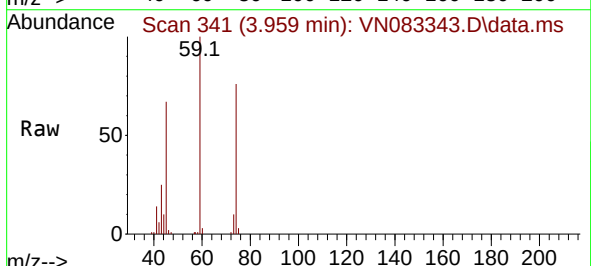
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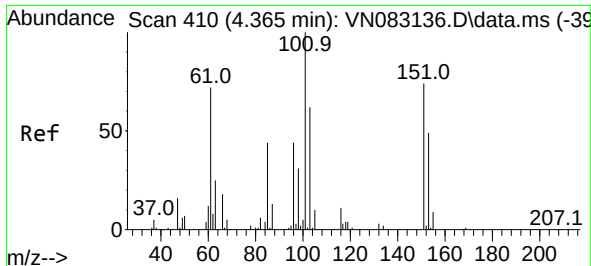
Tgt Ion:101 Resp: 154103
 Ion Ratio Lower Upper
 101 100
 103 63.8 52.7 79.1



#8
 Diethyl Ether
 Concen: 54.098 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN083343.D
 Acq: 15 Aug 2024 20:03

Tgt Ion: 74 Resp: 53852
 Ion Ratio Lower Upper
 74 100
 45 94.0 55.5 166.3

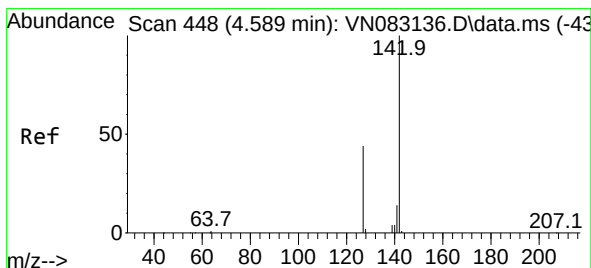
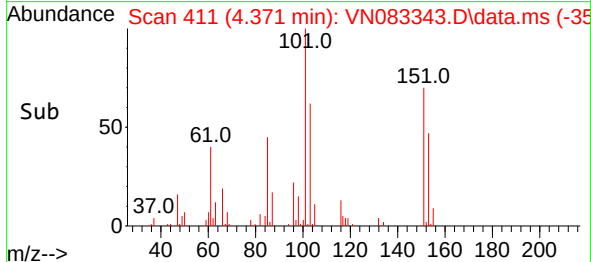
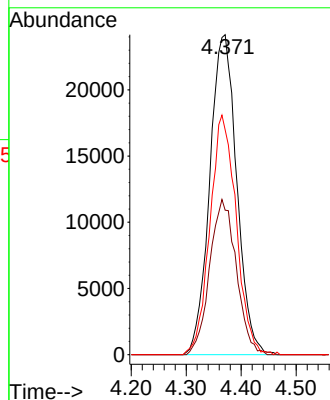
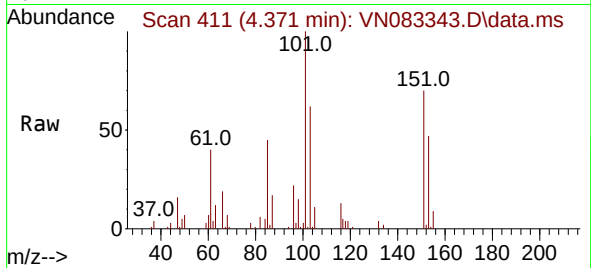




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.859 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

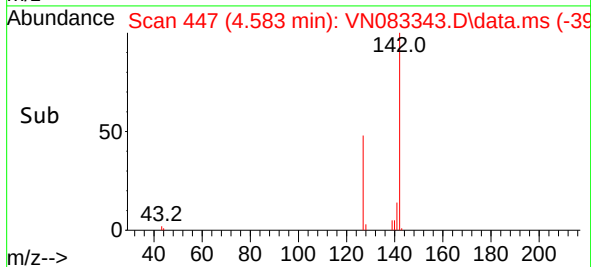
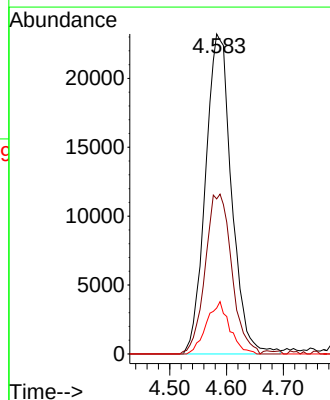
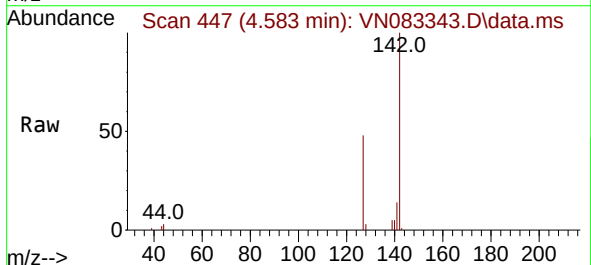
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

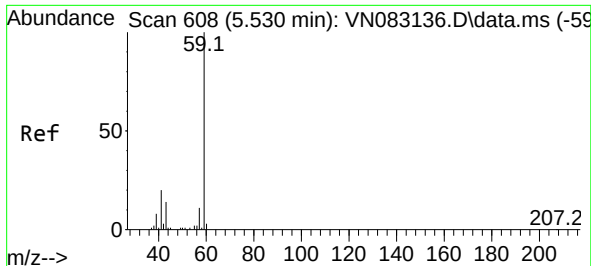
Tgt Ion:101 Resp: 82387
Ion Ratio Lower Upper
101 100
85 47.8 38.3 57.5
151 73.0 59.3 88.9



#10
Methyl Iodide
Concen: 38.142 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

Tgt Ion:142 Resp: 74001
Ion Ratio Lower Upper
142 100
127 48.5 37.5 56.3
141 14.3 13.1 19.7

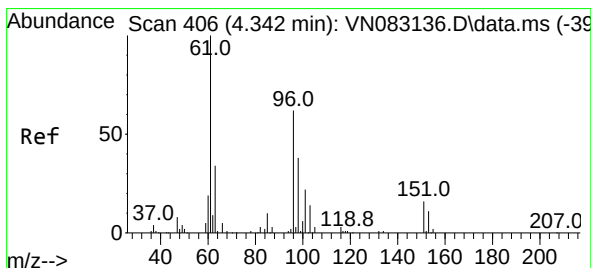
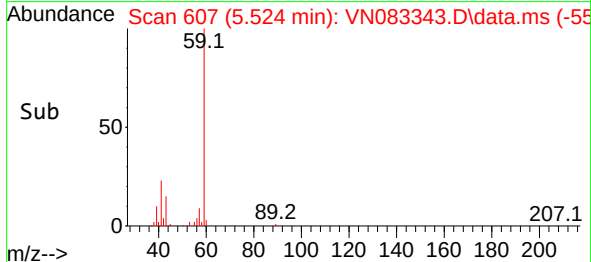
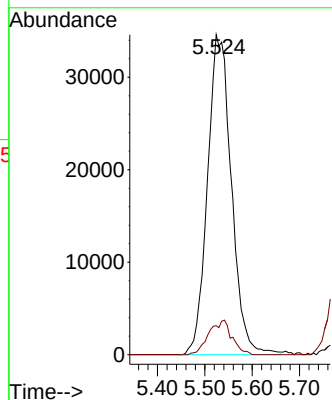
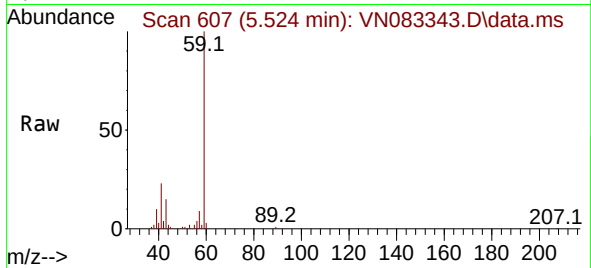




#11
Tert butyl alcohol
Concen: 299.780 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

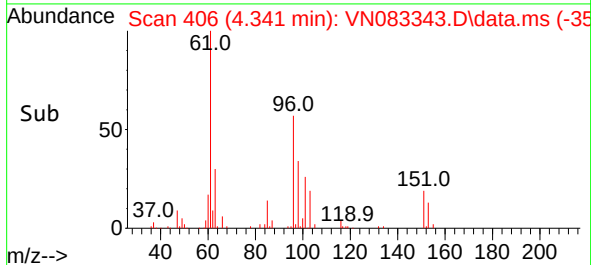
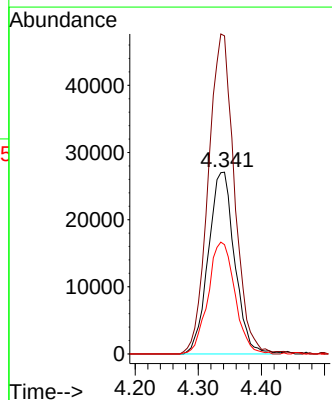
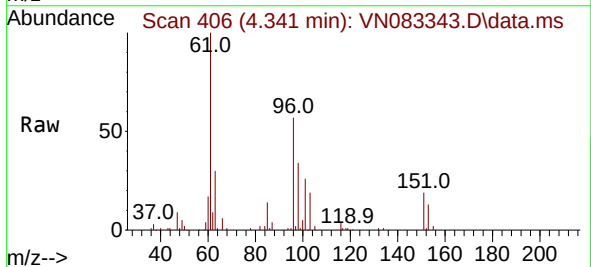
Instrument :
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ClientSampleId :
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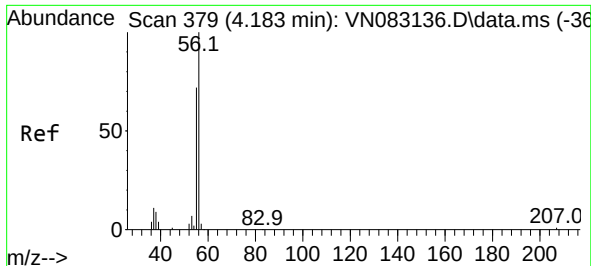
Tgt Ion: 59 Resp: 121216
Ion Ratio Lower Upper
59 100
57 10.4 8.9 13.3



#12
1,1-Dichloroethene
Concen: 51.748 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

Tgt Ion: 96 Resp: 78413
Ion Ratio Lower Upper
96 100
61 175.0 149.7 224.5
98 60.2 50.1 75.1





#13

Acrolein

Concen: 267.053 ug/l

RT: 4.183 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN083343.D

Acq: 15 Aug 2024 20:03

Instrument :

MSVOA_N

ClientSampleId :

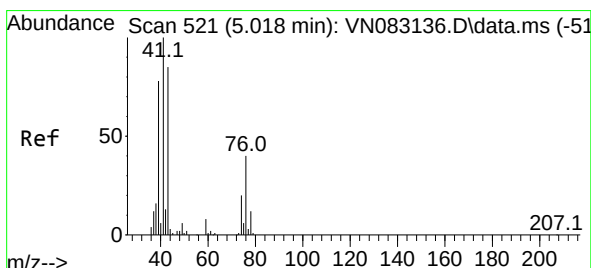
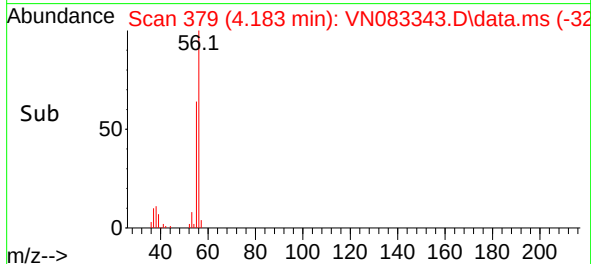
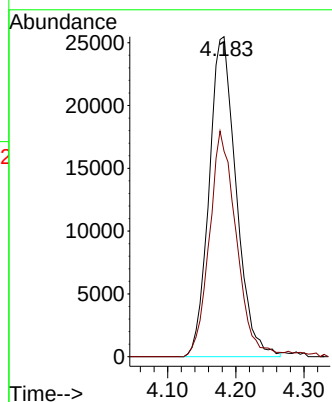
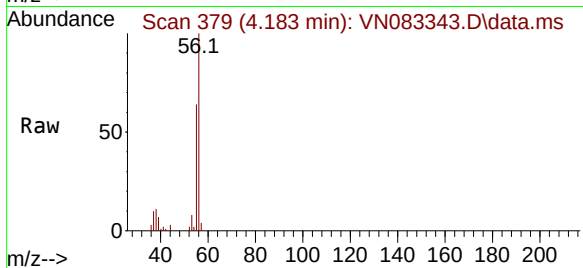
VSTDCCC050EC

Tgt Ion: 56 Resp: 70377

Ion Ratio Lower Upper

56 100

55 70.1 56.4 84.6



#14

Allyl chloride

Concen: 50.828 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN083343.D

Acq: 15 Aug 2024 20:03

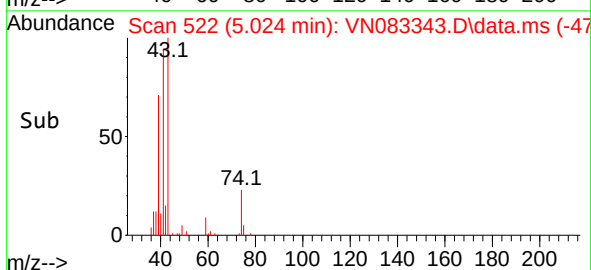
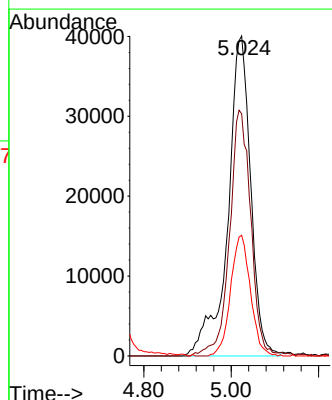
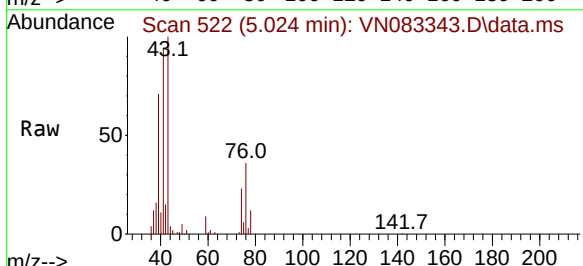
Tgt Ion: 41 Resp: 145544

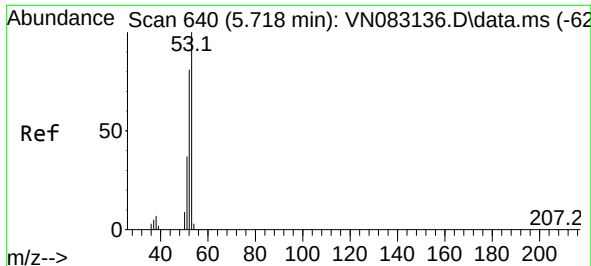
Ion Ratio Lower Upper

41 100

39 71.4 67.8 101.6

76 32.8 25.8 38.8

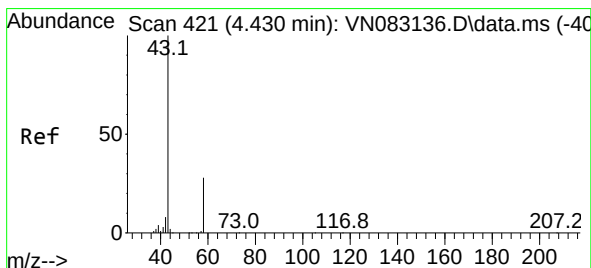
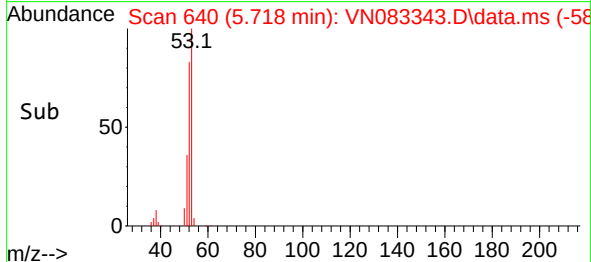
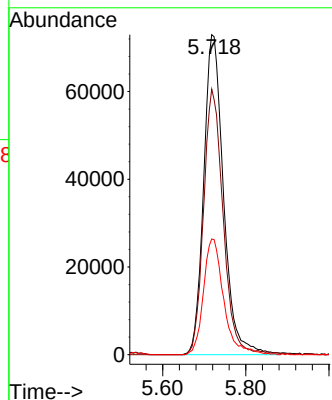
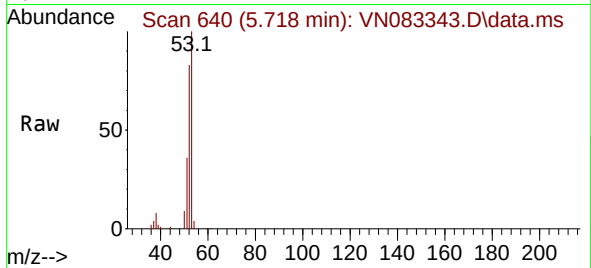




#15
Acrylonitrile
Concen: 290.871 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

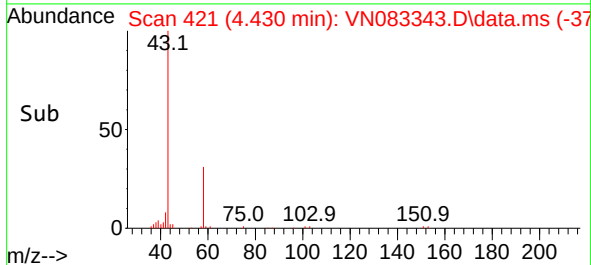
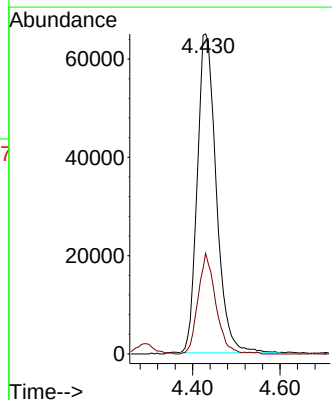
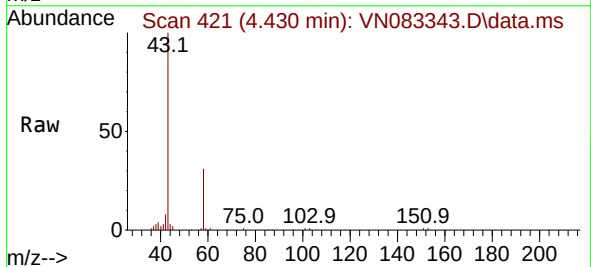
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

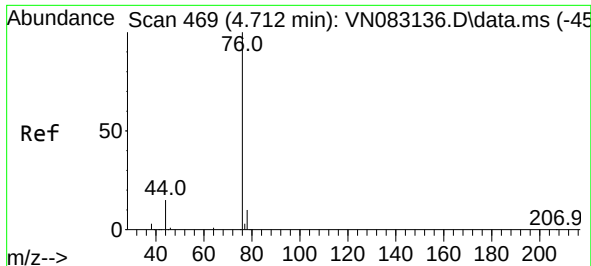
Tgt Ion: 53 Resp: 241889
Ion Ratio Lower Upper
53 100
52 81.8 66.6 100.0
51 36.9 30.1 45.1



#16
Acetone
Concen: 258.516 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

Tgt Ion: 43 Resp: 196819
Ion Ratio Lower Upper
43 100
58 31.6 21.8 32.6

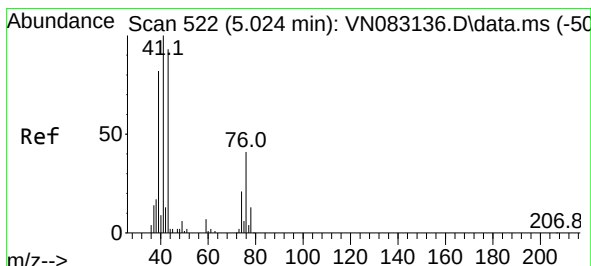
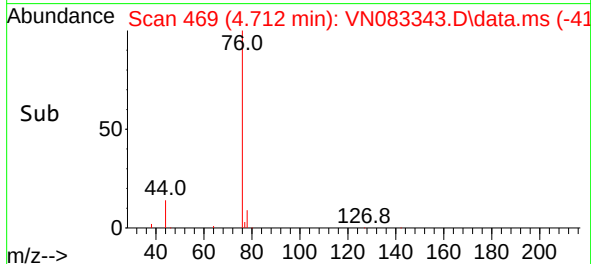
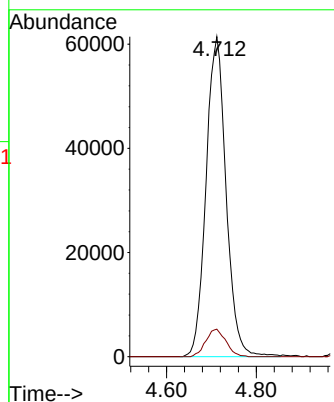
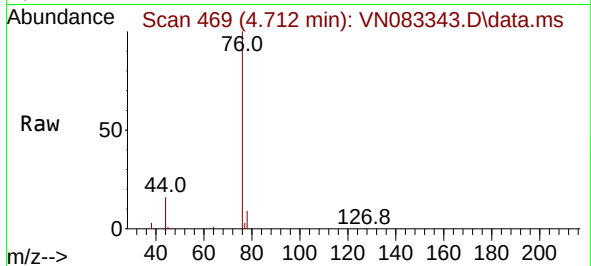




#17
Carbon Disulfide
Concen: 42.998 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

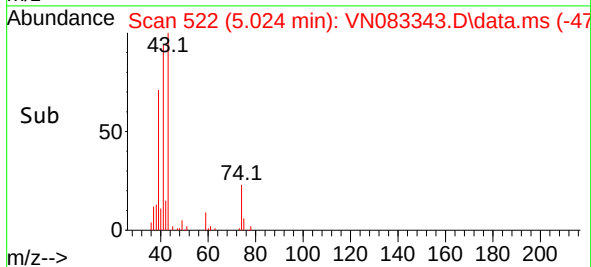
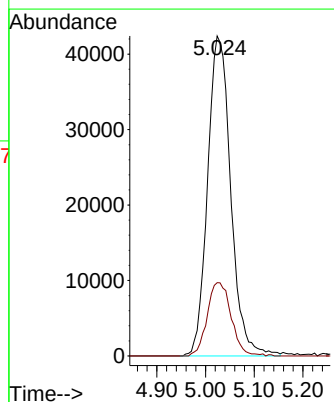
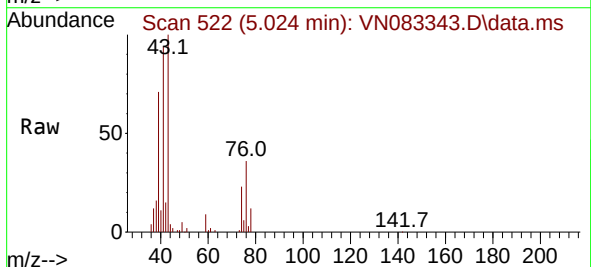
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

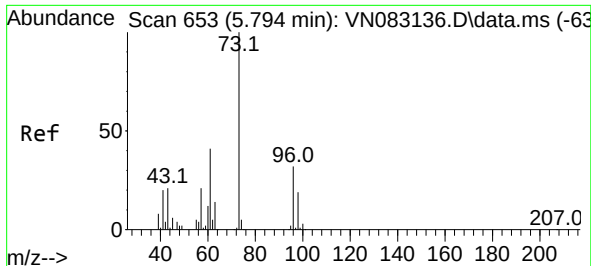
Tgt Ion: 76 Resp: 190644
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8



#18
Methyl Acetate
Concen: 61.668 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

Tgt Ion: 43 Resp: 139885
Ion Ratio Lower Upper
43 100
74 23.7 16.3 24.5

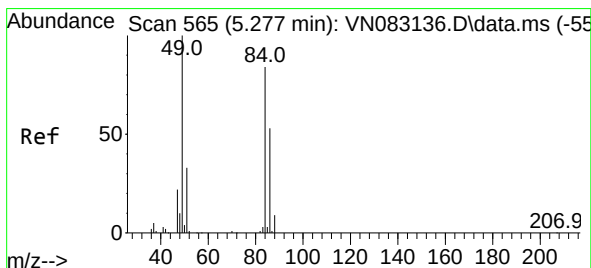
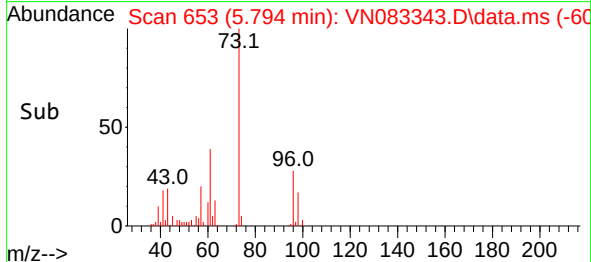
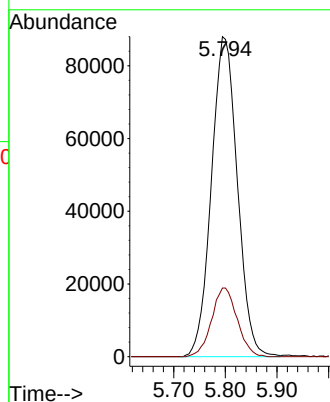
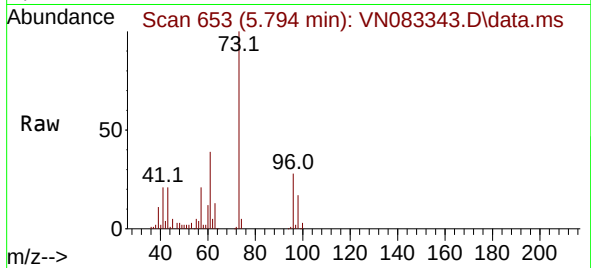




#19
Methyl tert-butyl Ether
Concen: 56.152 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

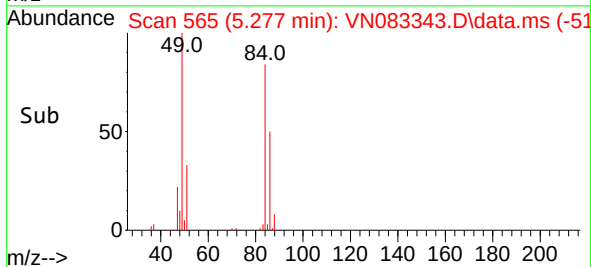
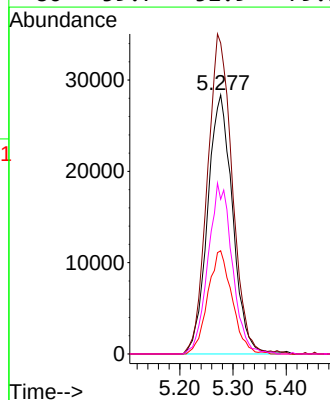
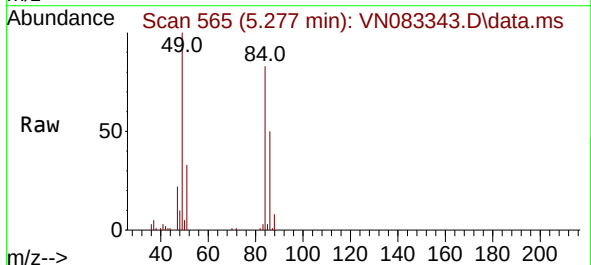
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

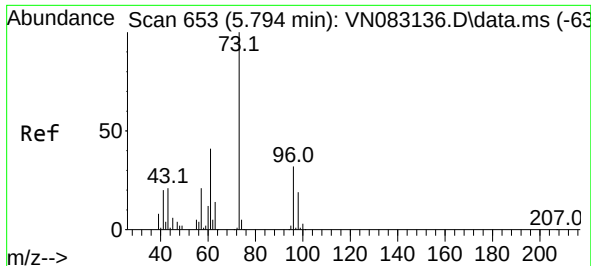
Tgt Ion: 73 Resp: 307113
Ion Ratio Lower Upper
73 100
57 21.5 17.9 26.9



#20
Methylene Chloride
Concen: 52.721 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

Tgt Ion: 84 Resp: 92377
Ion Ratio Lower Upper
84 100
49 120.0 119.6 179.4
51 39.9 34.8 52.2
86 59.7 52.9 79.3

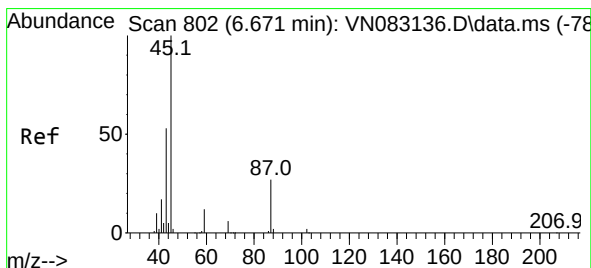
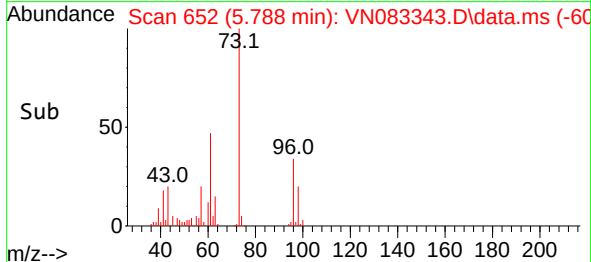
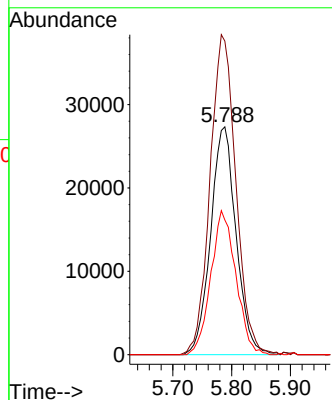
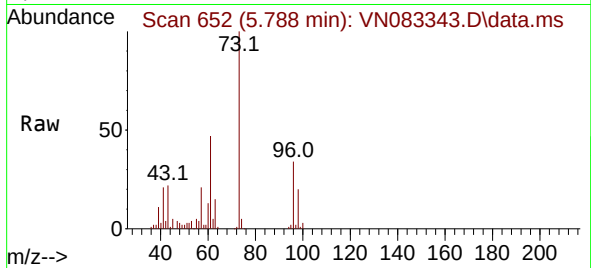




#21
trans-1,2-Dichloroethene
Concen: 52.483 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

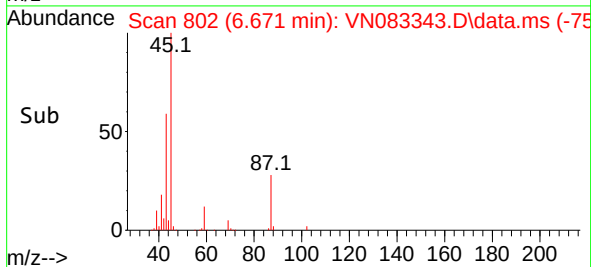
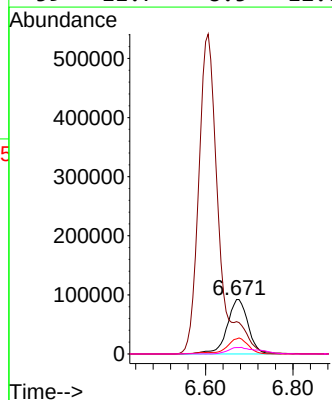
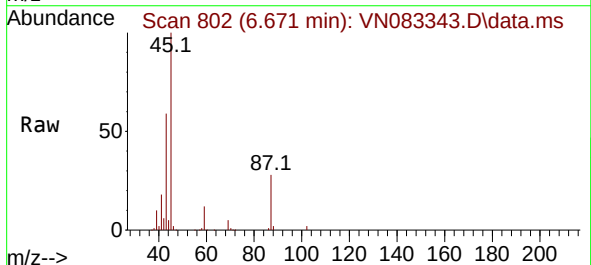
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ClientSampleId :
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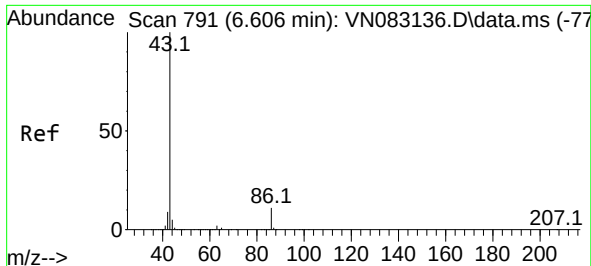
Tgt Ion: 96 Resp: 82194
Ion Ratio Lower Upper
96 100
61 137.6 123.4 185.2
98 59.1 49.3 73.9



#22
Diisopropyl ether
Concen: 56.856 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

Tgt Ion: 45 Resp: 306030
Ion Ratio Lower Upper
45 100
43 57.9 44.0 66.0
87 27.8 19.7 29.5
59 11.7 8.5 12.7

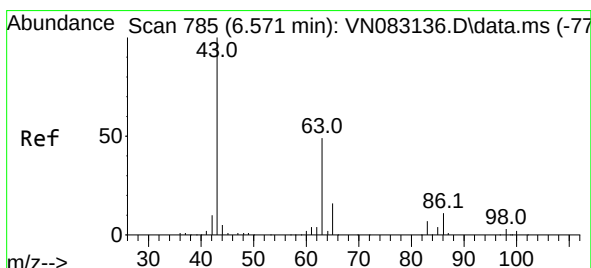
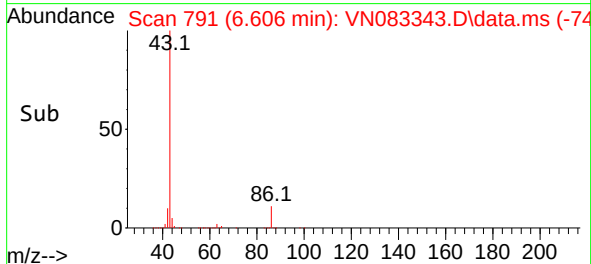
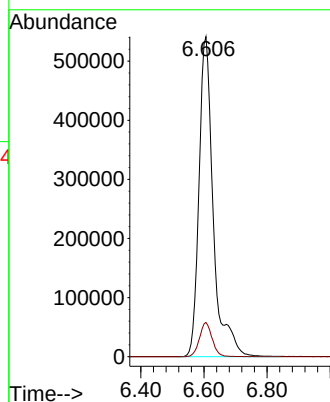
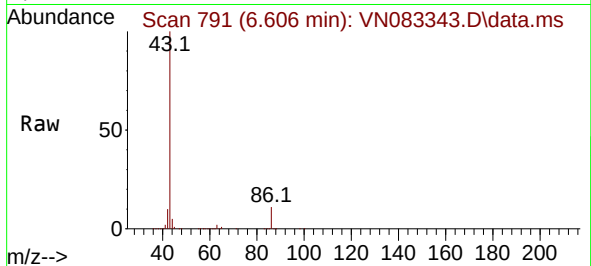




#23
 Vinyl Acetate
 Concen: 308.104 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. -0.000 min
 Lab File: VN083343.D
 Acq: 15 Aug 2024 20:03

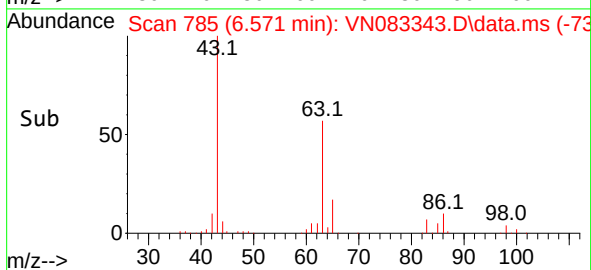
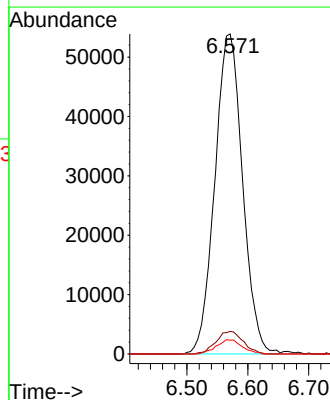
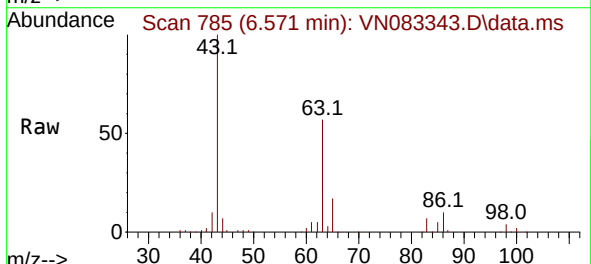
Instrument :
 MSVOA_N
 ClientSampleId :
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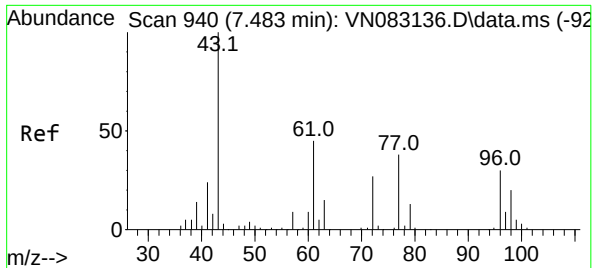
Tgt Ion: 43 Resp: 1699828
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 58.096 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN083343.D
 Acq: 15 Aug 2024 20:03

Tgt Ion: 63 Resp: 170448
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.3 9.9
 100 4.3 2.0 6.0

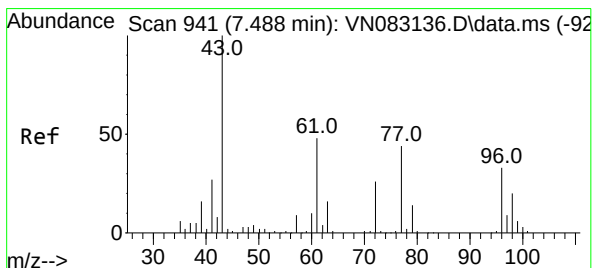
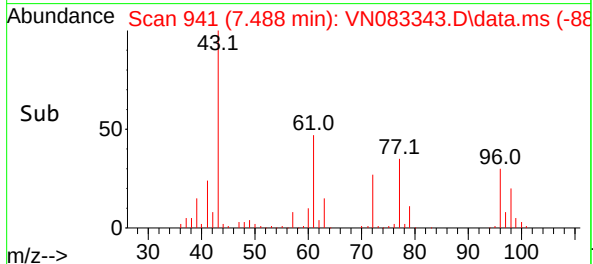
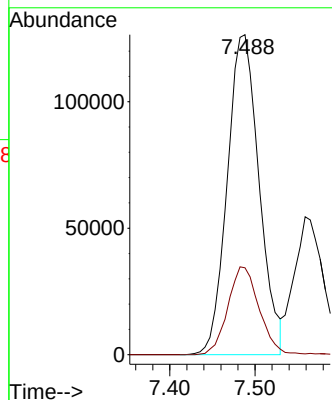
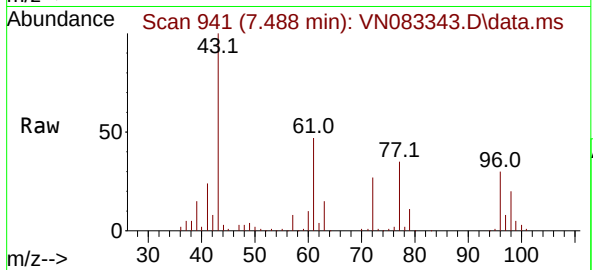




#25
2-Butanone
Concen: 281.612 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

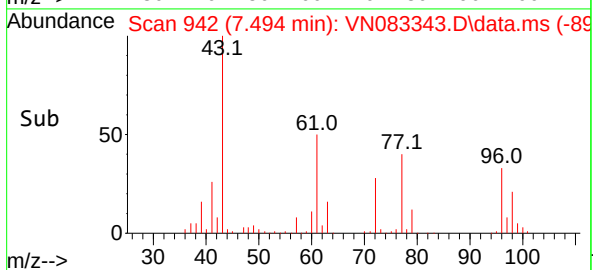
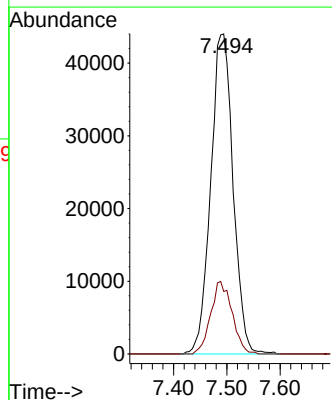
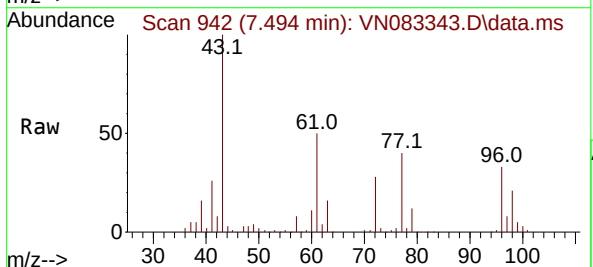
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

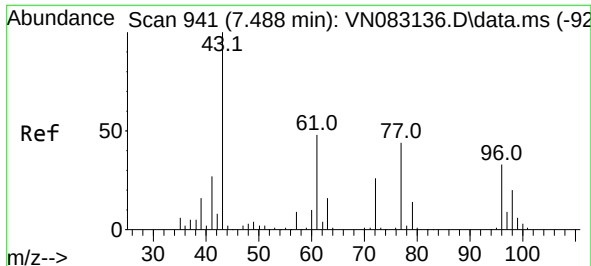
Tgt Ion: 43 Resp: 329209
Ion Ratio Lower Upper
43 100
72 27.2 18.2 27.2



#26
2,2-Dichloropropane
Concen: 47.152 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

Tgt Ion: 77 Resp: 128471
Ion Ratio Lower Upper
77 100
97 21.7 10.3 30.9

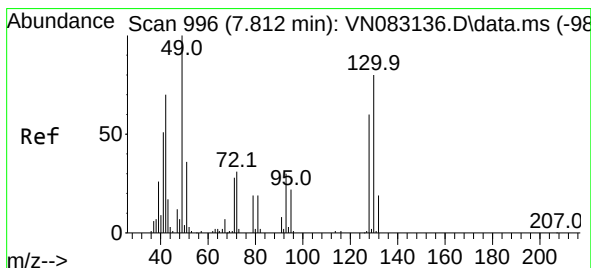
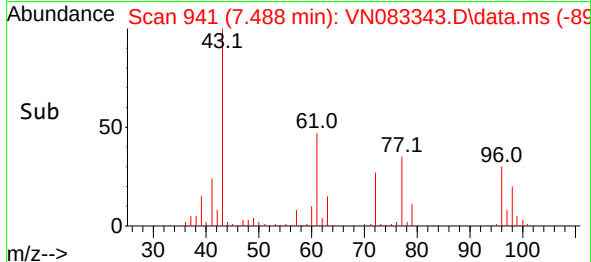
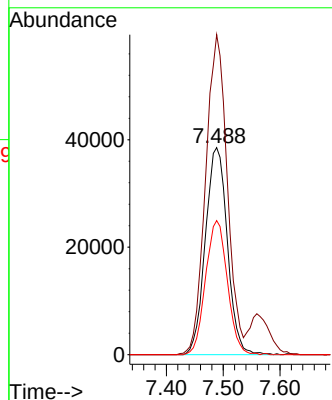
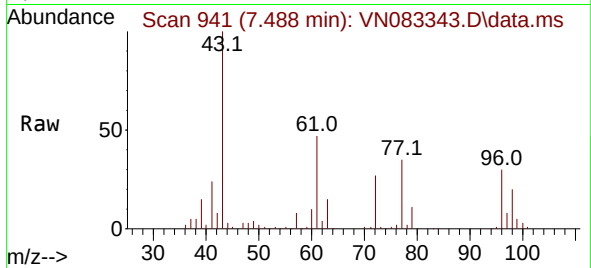




#27
 cis-1,2-Dichloroethene
 Concen: 54.883 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN083343.D
 Acq: 15 Aug 2024 20:03

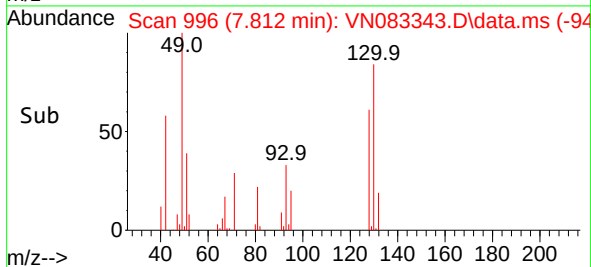
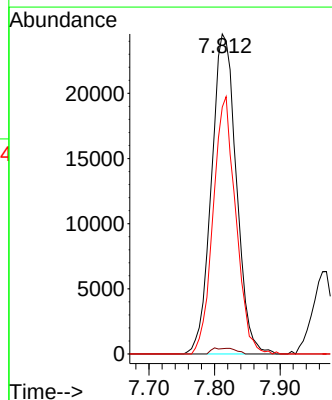
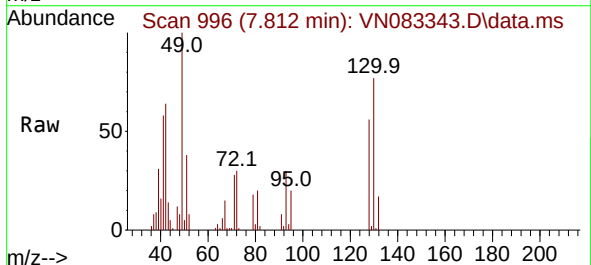
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

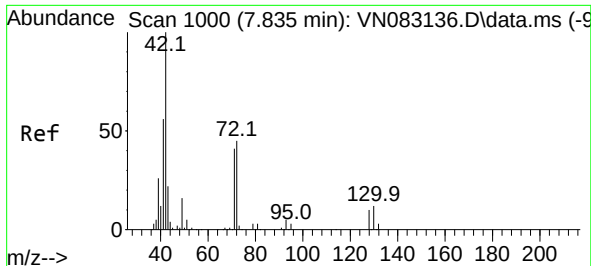
Tgt Ion: 96 Resp: 103720
 Ion Ratio Lower Upper
 96 100
 61 151.6 0.0 329.6
 98 64.1 0.0 128.6



#28
 Bromochloromethane
 Concen: 53.930 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN083343.D
 Acq: 15 Aug 2024 20:03

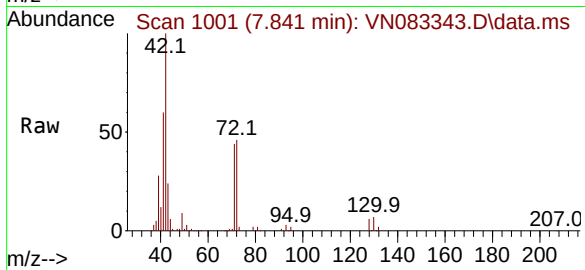
Tgt Ion: 49 Resp: 64661
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.8
 130 73.3 50.5 75.7



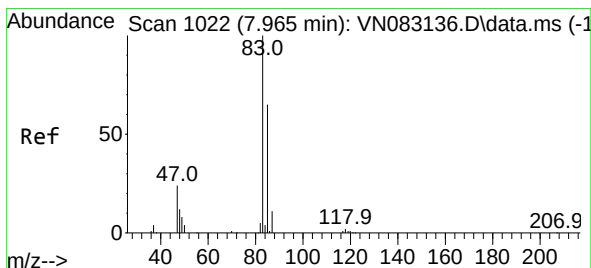
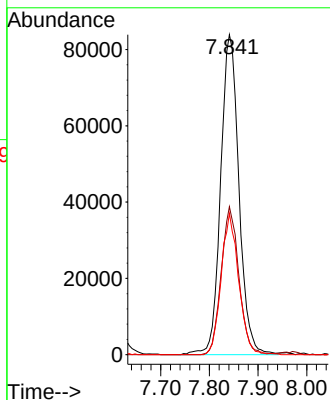
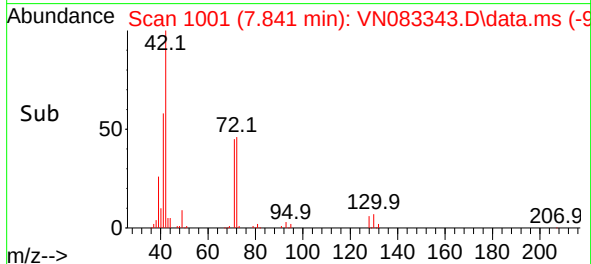


#29
Tetrahydrofuran
Concen: 290.550 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

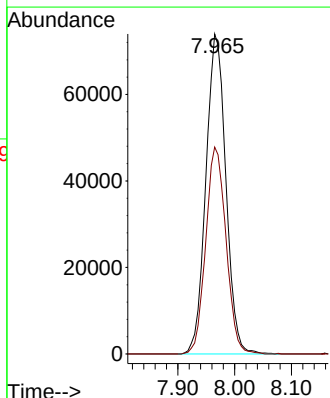
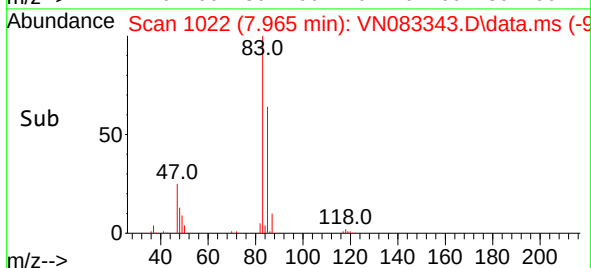
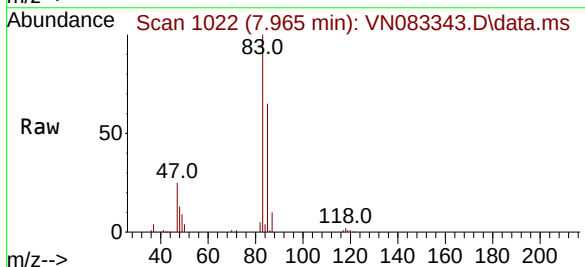


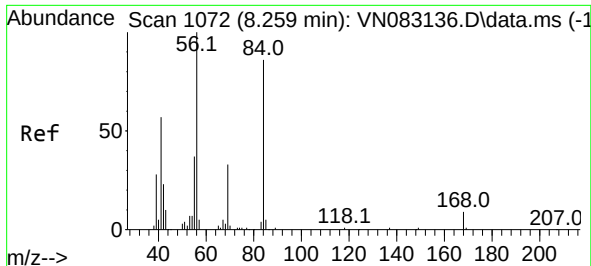
Tgt Ion: 42 Resp: 219566
Ion Ratio Lower Upper
42 100
72 44.8 30.0 45.0
71 42.2 28.3 42.5



#30
Chloroform
Concen: 59.118 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

Tgt Ion: 83 Resp: 180196
Ion Ratio Lower Upper
83 100
85 64.6 50.9 76.3

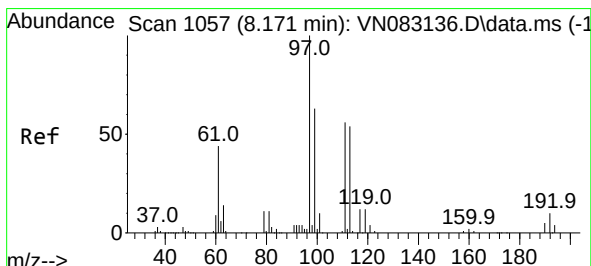
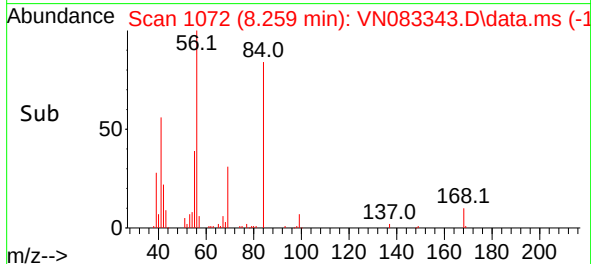
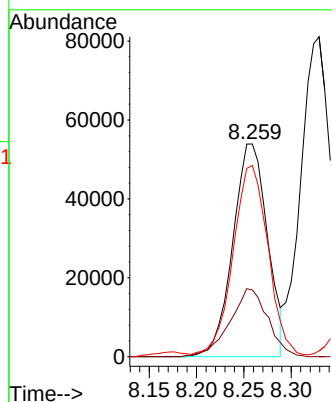
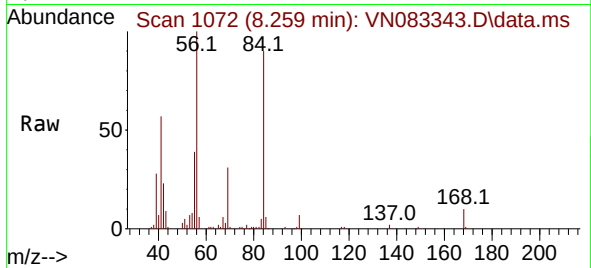




#31
Cyclohexane
Concen: 47.547 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

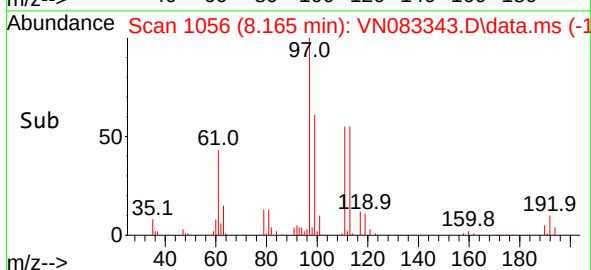
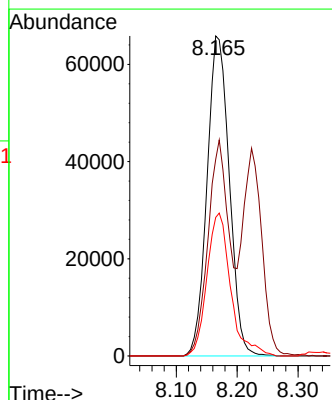
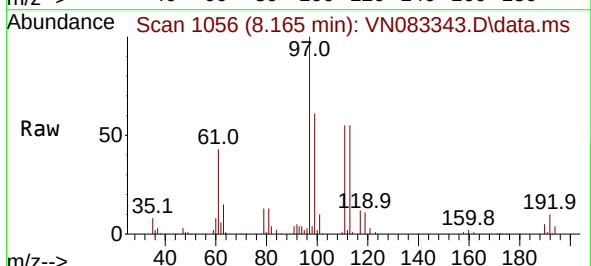
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

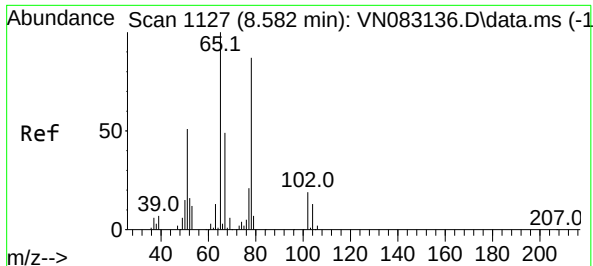
Tgt Ion: 56 Resp: 137096
Ion Ratio Lower Upper
56 100
69 31.4 24.5 36.7
84 88.2 66.0 99.0



#32
1,1,1-Trichloroethane
Concen: 58.029 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

Tgt Ion: 97 Resp: 167422
Ion Ratio Lower Upper
97 100
99 65.5 52.0 78.0
61 47.5 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 62.381 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN083343.D

Acq: 15 Aug 2024 20:03

Instrument :

MSVOA_N

ClientSampleId :

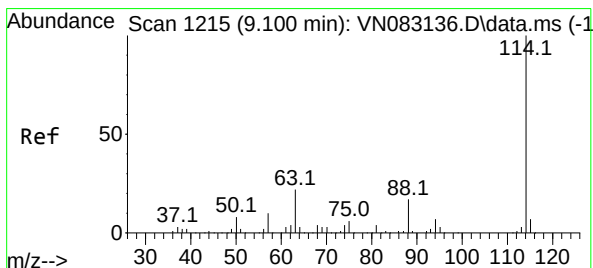
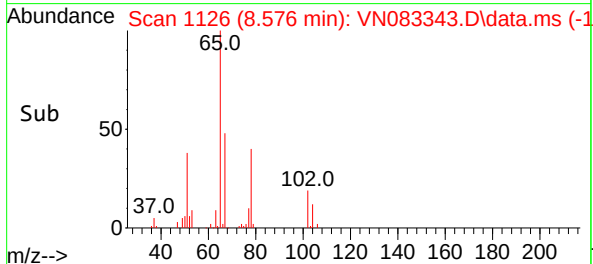
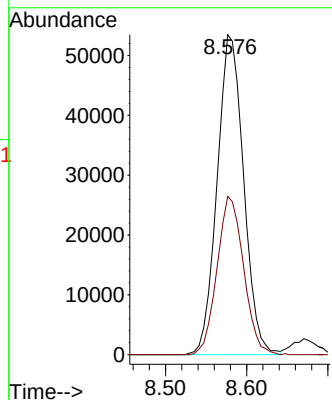
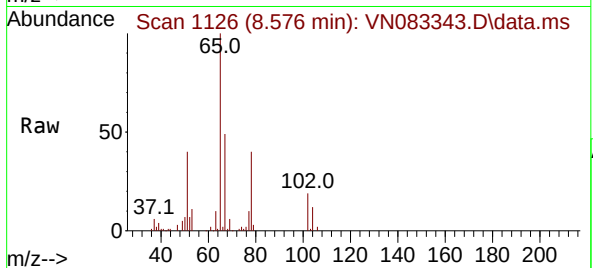
VSTDCCC050EC

Tgt Ion: 65 Resp: 121374

Ion Ratio Lower Upper

65 100

67 49.6 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: VN083343.D

Acq: 15 Aug 2024 20:03

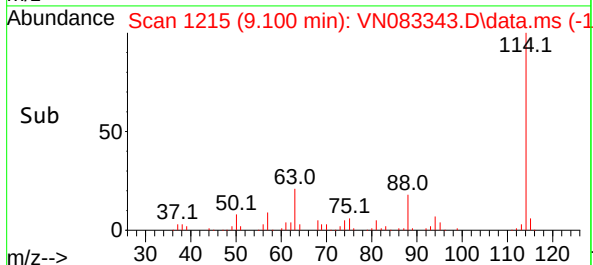
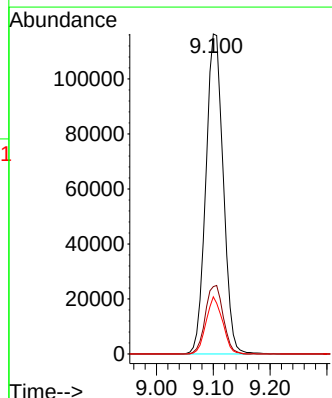
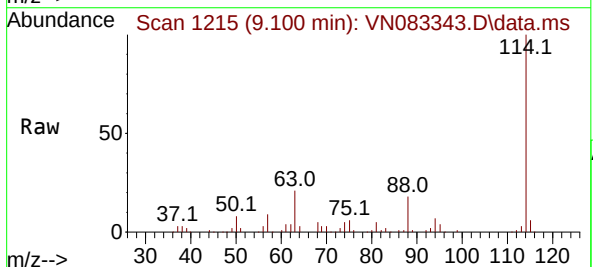
Tgt Ion: 114 Resp: 246434

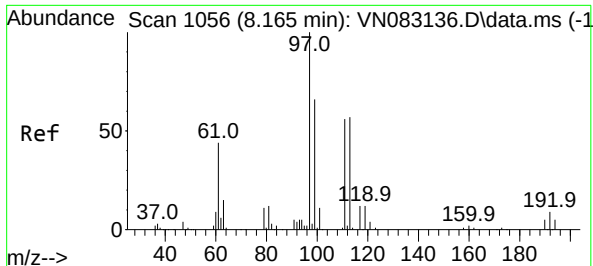
Ion Ratio Lower Upper

114 100

63 21.1 0.0 44.6

88 17.8 0.0 31.4





#35

Dibromofluoromethane

Concen: 57.383 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083343.D

Acq: 15 Aug 2024 20:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

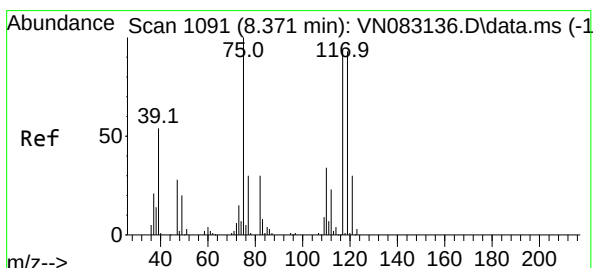
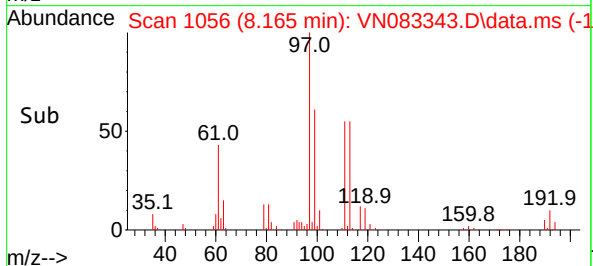
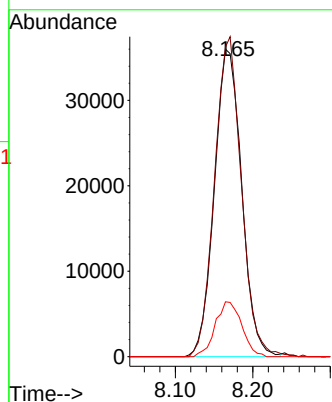
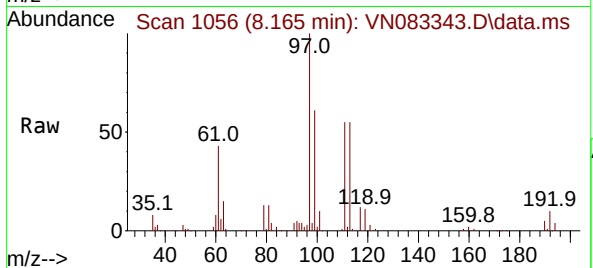
Tgt Ion:113 Resp: 88266

Ion Ratio Lower Upper

113 100

111 101.9 82.4 123.6

192 17.2 14.9 22.3



#36

1,1-Dichloropropene

Concen: 51.660 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN083343.D

Acq: 15 Aug 2024 20:03

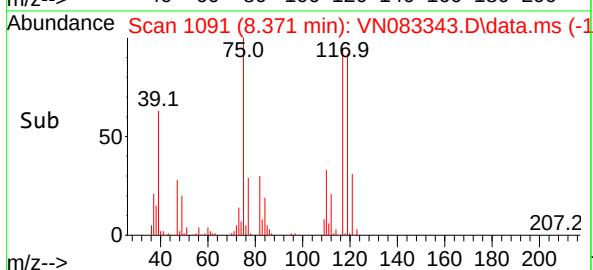
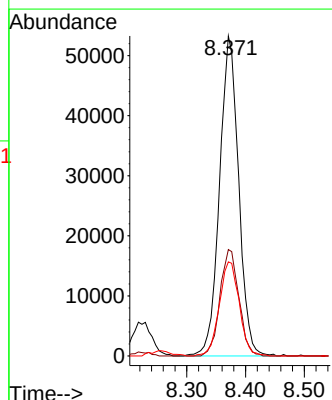
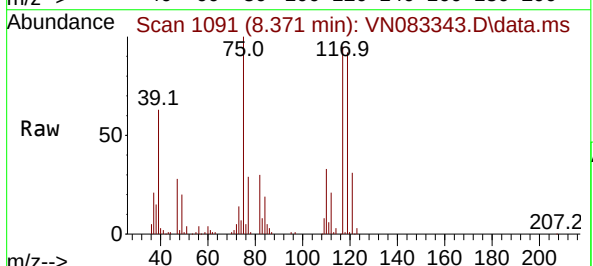
Tgt Ion: 75 Resp: 120205

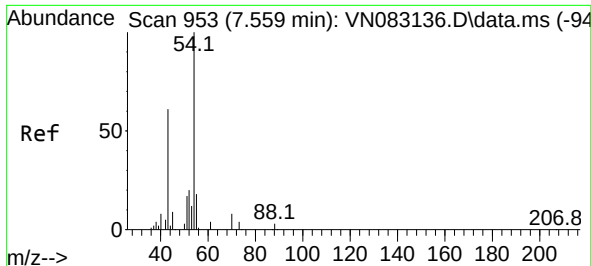
Ion Ratio Lower Upper

75 100

110 32.9 16.3 48.9

77 30.7 24.6 37.0





#37

Ethyl Acetate

Concen: 51.051 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN083343.D

Acq: 15 Aug 2024 20:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

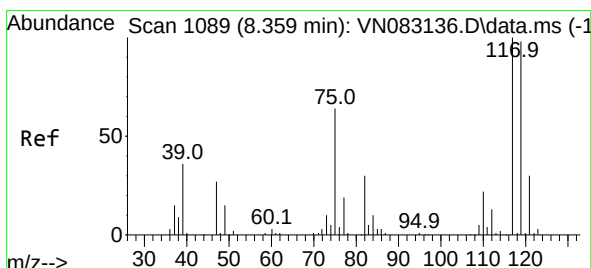
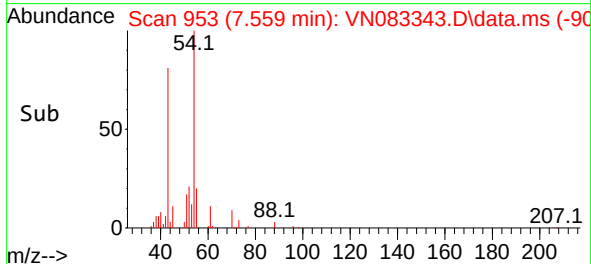
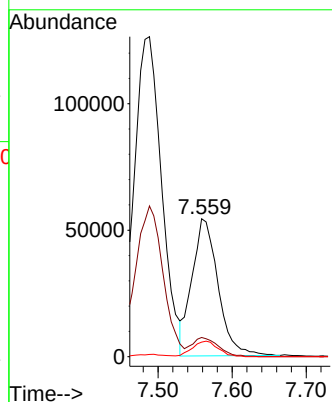
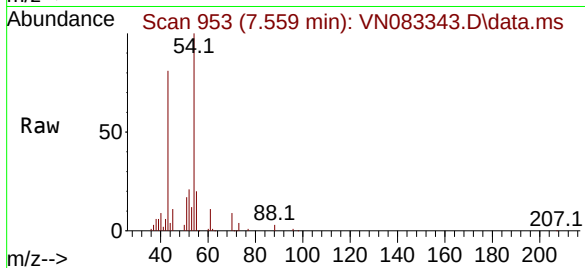
Tgt Ion: 43 Resp: 133003

Ion Ratio Lower Upper

43 100

61 14.2 9.3 13.9#

70 11.1 7.0 10.6#



#38

Carbon Tetrachloride

Concen: 54.045 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VN083343.D

Acq: 15 Aug 2024 20:03

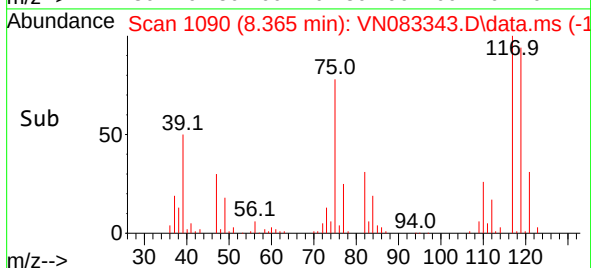
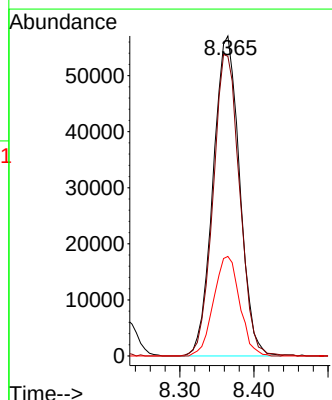
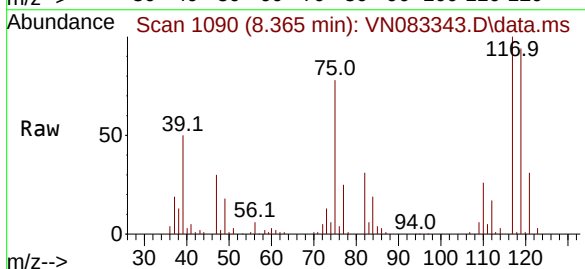
Tgt Ion: 117 Resp: 141641

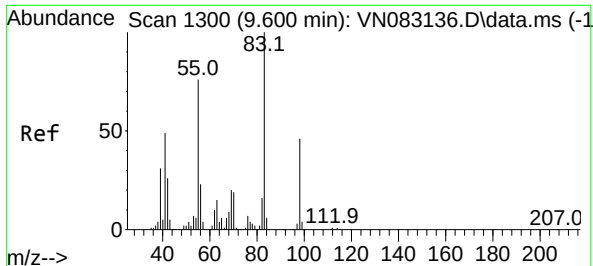
Ion Ratio Lower Upper

117 100

119 93.7 74.9 112.3

121 31.1 24.3 36.5





#39

Methylcyclohexane

Concen: 47.951 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN083343.D

Acq: 15 Aug 2024 20:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

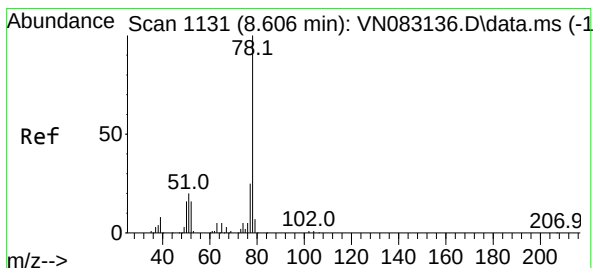
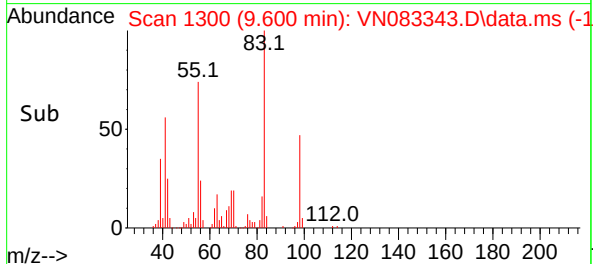
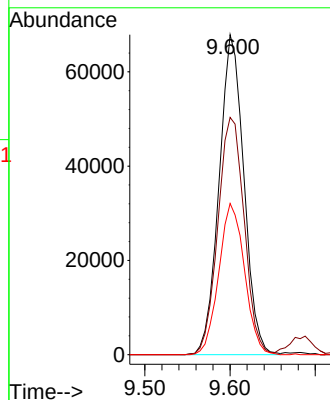
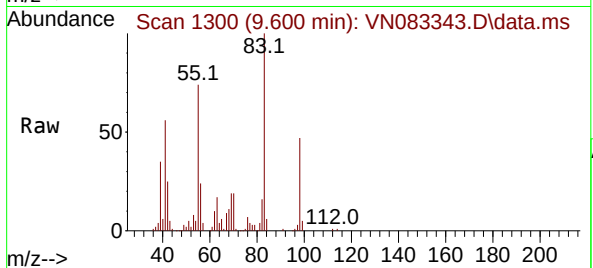
Tgt Ion: 83 Resp: 137044

Ion Ratio Lower Upper

83 100

55 74.2 66.4 99.6

98 47.3 40.7 61.1



#40

Benzene

Concen: 53.986 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN083343.D

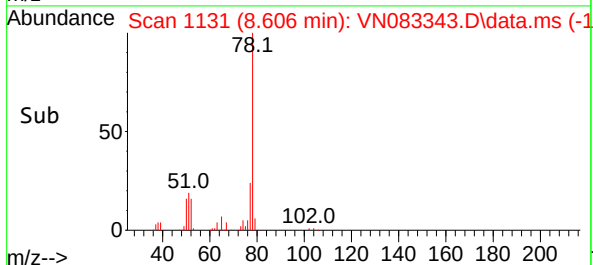
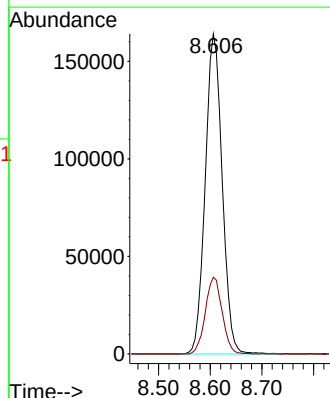
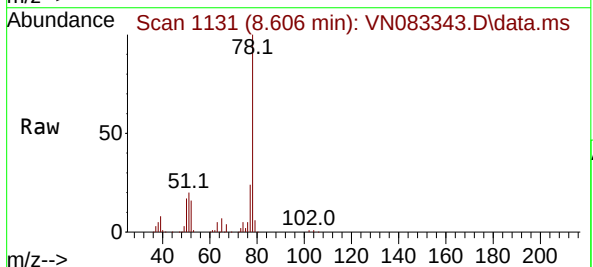
Acq: 15 Aug 2024 20:03

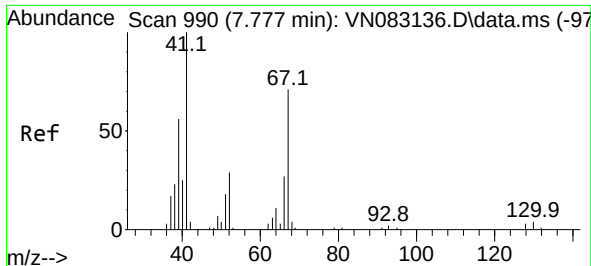
Tgt Ion: 78 Resp: 374221

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.4



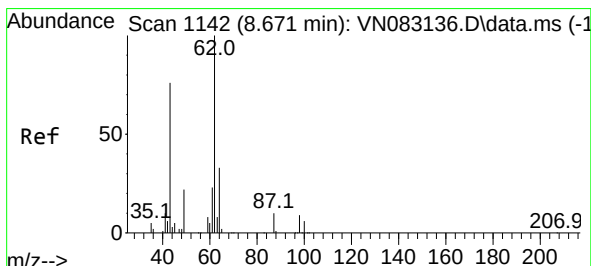
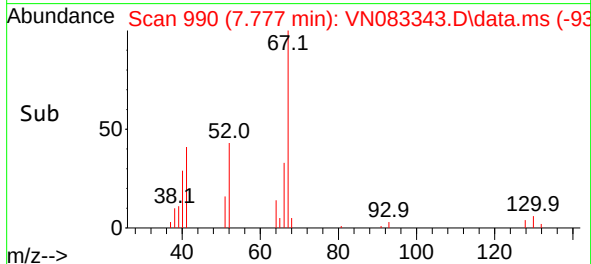
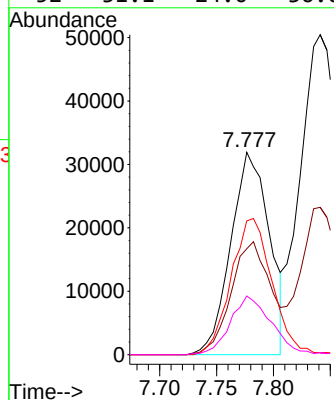
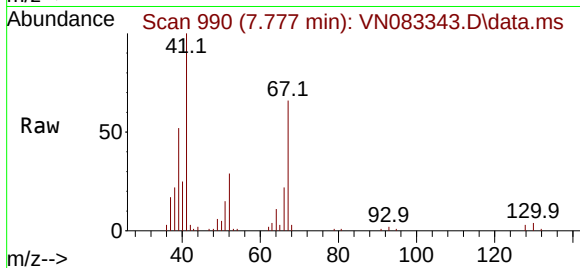


#41
Methacrylonitrile
Concen: 50.931 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 75445

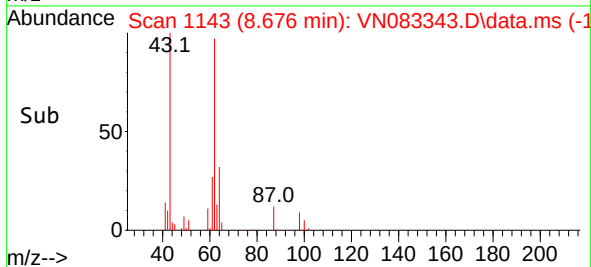
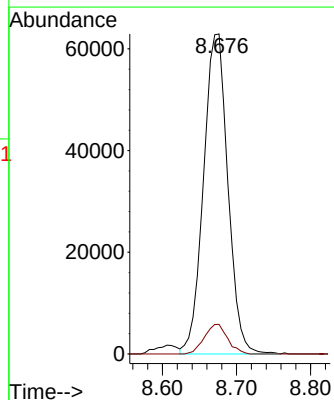
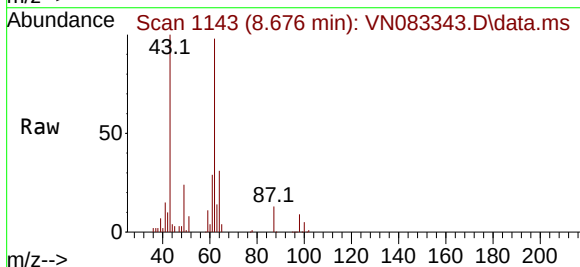
Ion	Ratio	Lower	Upper
41	100		
39	56.6	45.5	68.3
67	71.7	50.5	75.7
52	31.1	24.0	36.0

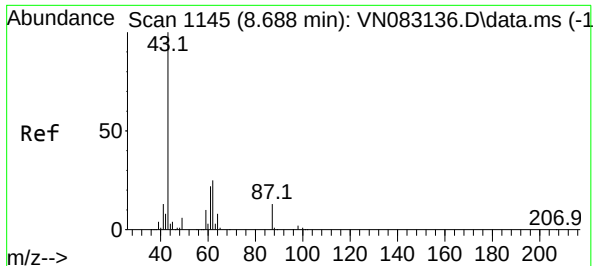


#42
1,2-Dichloroethane
Concen: 57.017 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

Tgt Ion: 62 Resp: 143973

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	15.8

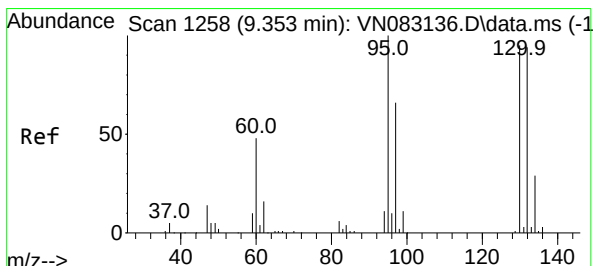
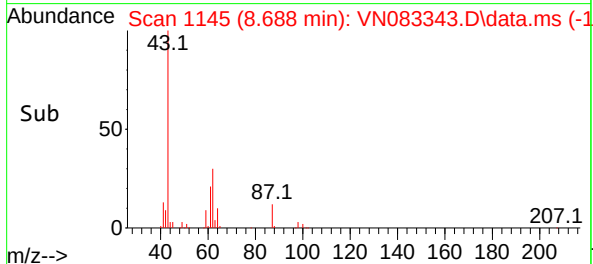
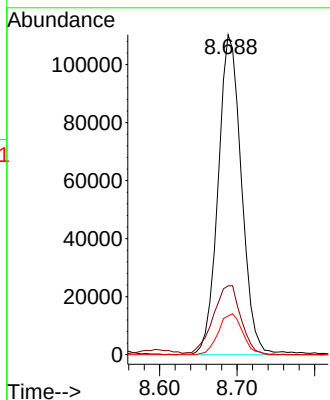
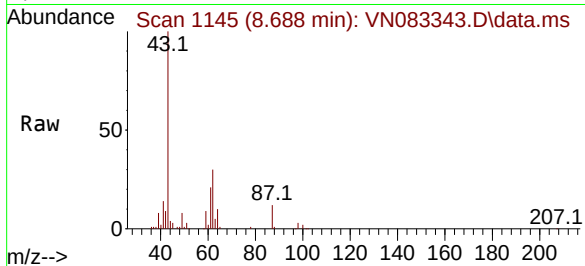




#43
Isopropyl Acetate
Concen: 51.210 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

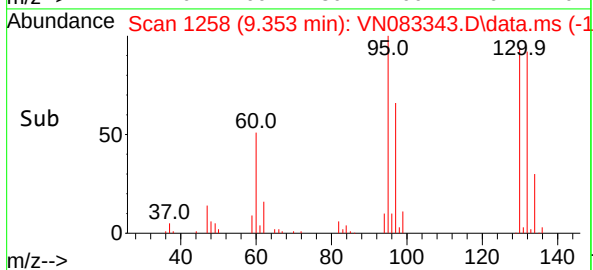
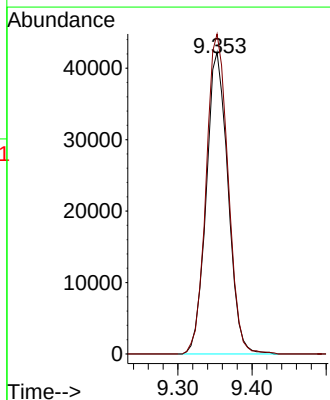
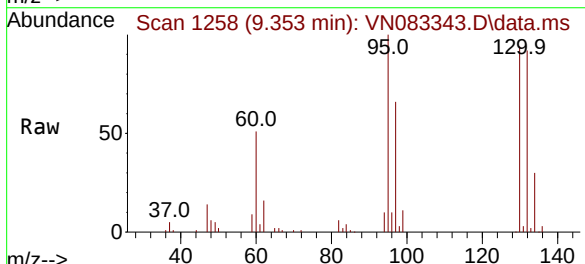
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

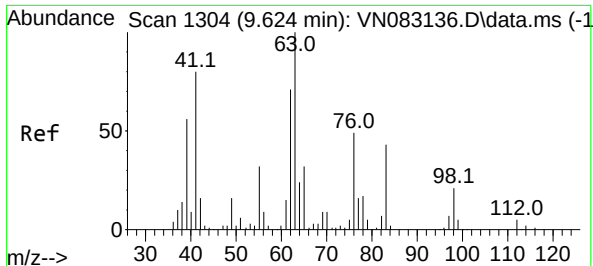
Tgt Ion: 43 Resp: 231019
Ion Ratio Lower Upper
43 100
61 25.9 17.8 26.6
87 13.3 8.2 12.2#



#44
Trichloroethene
Concen: 52.196 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

Tgt Ion:130 Resp: 86119
Ion Ratio Lower Upper
130 100
95 106.0 0.0 197.8





#45

1,2-Dichloropropane

Concen: 56.780 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN083343.D

Acq: 15 Aug 2024 20:03

Instrument :

MSVOA_N

ClientSampleId :

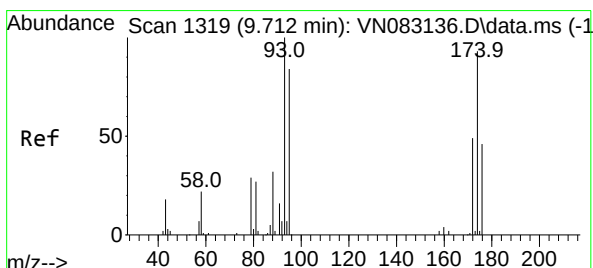
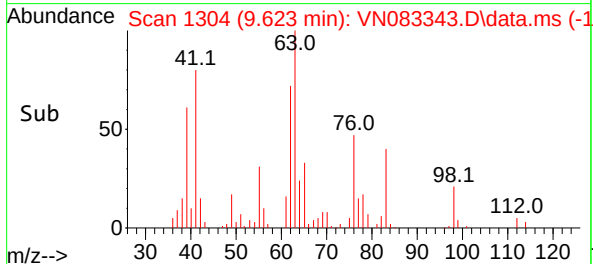
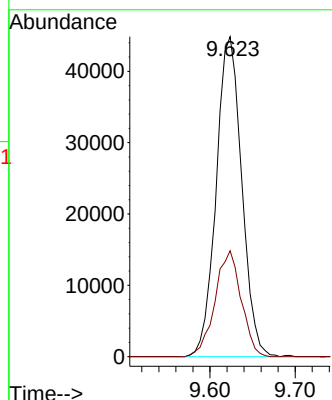
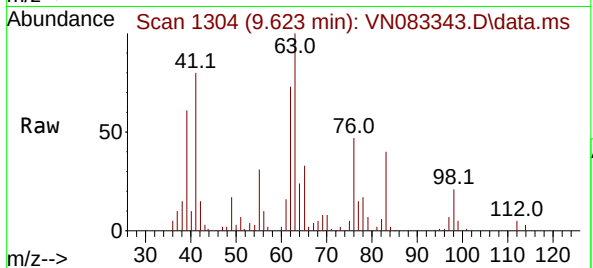
VSTDCCC050EC

Tgt Ion: 63 Resp: 93425

Ion Ratio Lower Upper

63 100

65 33.1 24.4 36.6



#46

Dibromomethane

Concen: 57.183 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN083343.D

Acq: 15 Aug 2024 20:03

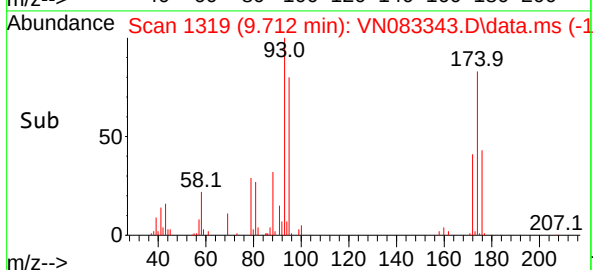
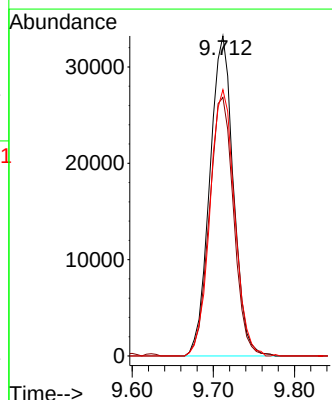
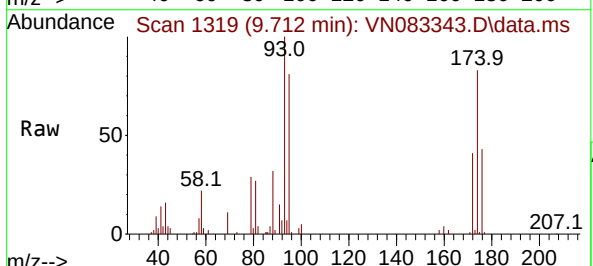
Tgt Ion: 93 Resp: 67347

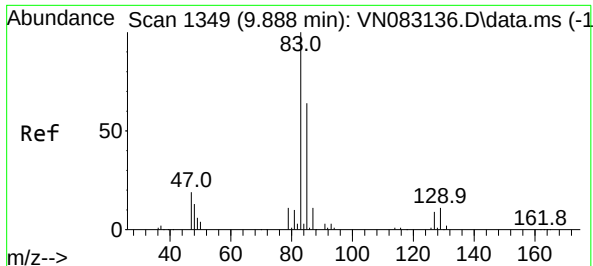
Ion Ratio Lower Upper

93 100

95 83.0 65.8 98.6

174 86.3 71.7 107.5

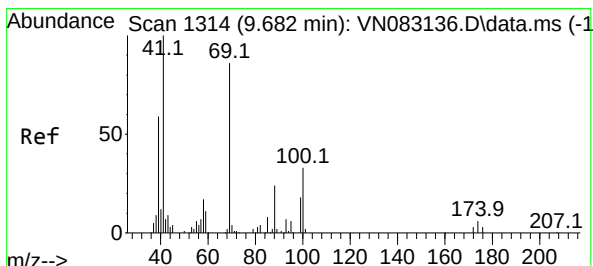
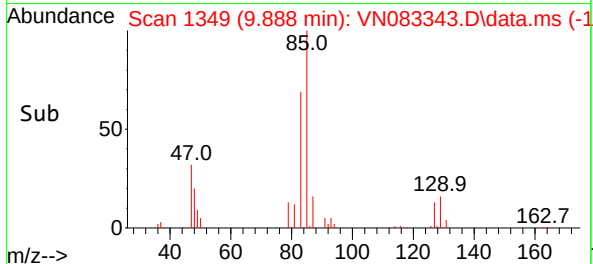
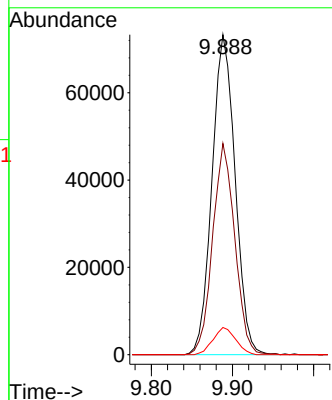
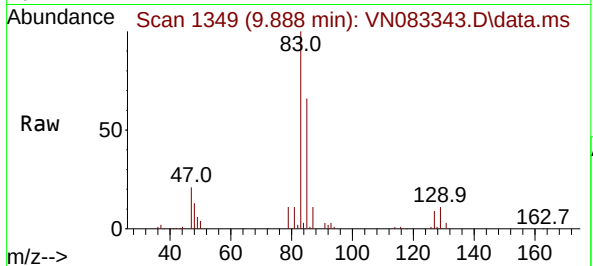




#47
Bromodichloromethane
Concen: 54.839 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

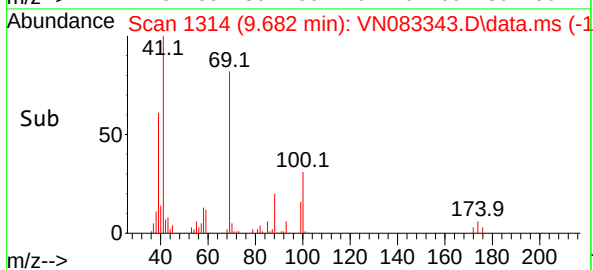
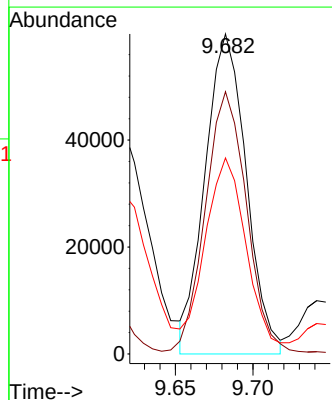
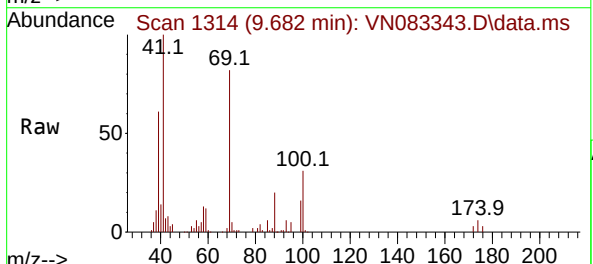
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

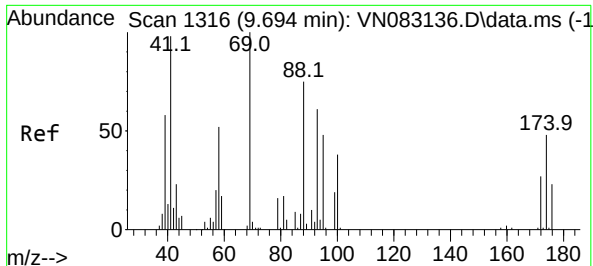
Tgt Ion: 83 Resp: 145019
Ion Ratio Lower Upper
83 100
85 66.0 51.1 76.7
127 8.5 7.2 10.8



#48
Methyl methacrylate
Concen: 51.359 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

Tgt Ion: 41 Resp: 110623
Ion Ratio Lower Upper
41 100
69 83.2 56.3 84.5
39 61.7 50.3 75.5

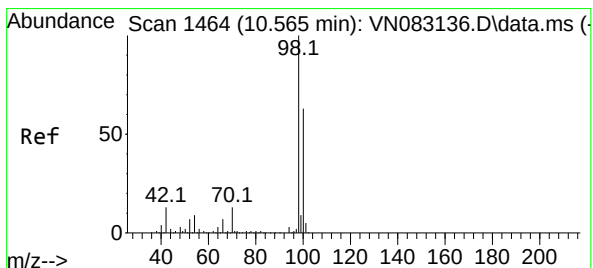
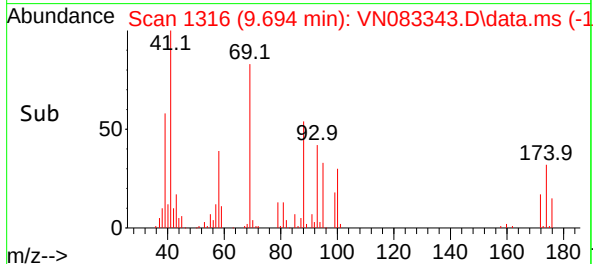
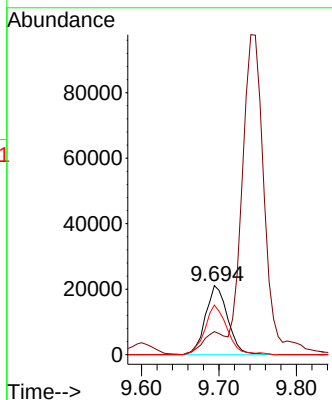
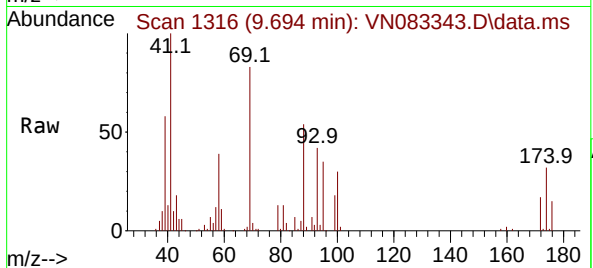




#49
1,4-Dioxane
Concen: 1076.408 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

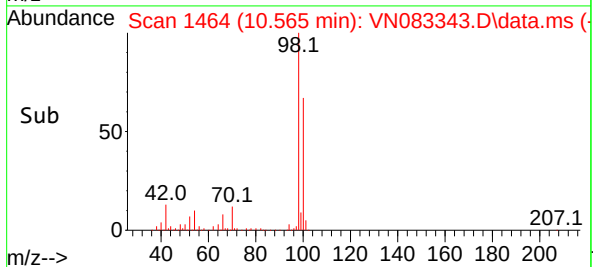
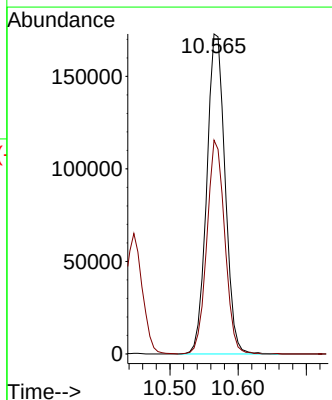
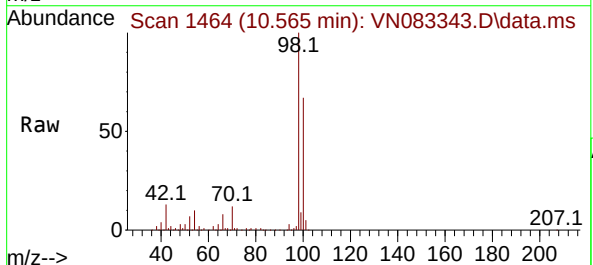
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

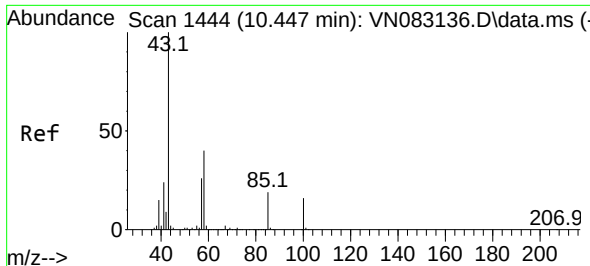
Tgt Ion: 88 Resp: 41828
Ion Ratio Lower Upper
88 100
43 30.8 27.8 41.8
58 72.5 59.4 89.0



#50
Toluene-d8
Concen: 56.256 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

Tgt Ion: 98 Resp: 322787
Ion Ratio Lower Upper
98 100
100 65.5 51.5 77.3

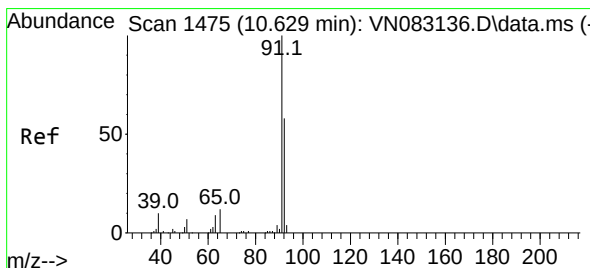
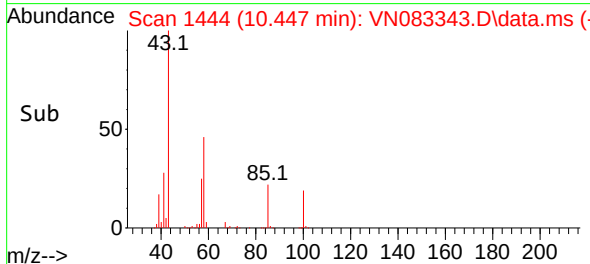
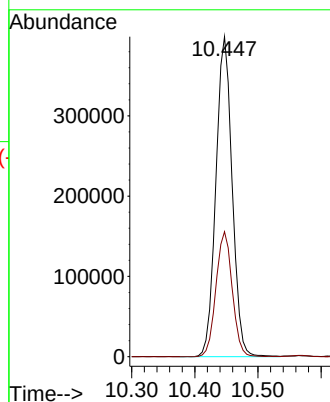
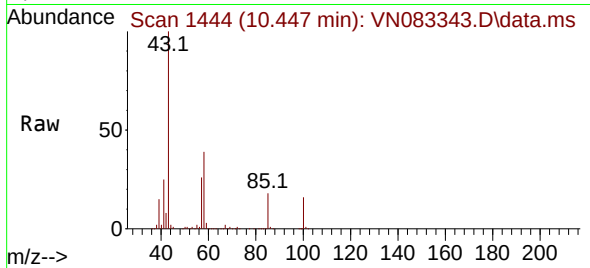




#51
4-Methyl-2-Pentanone
Concen: 289.451 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

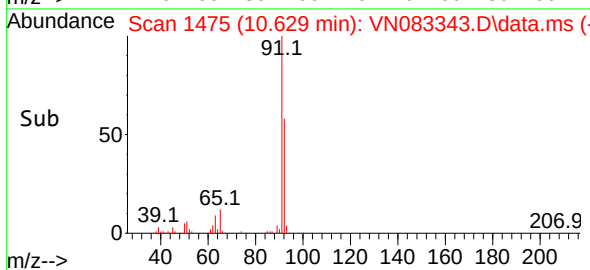
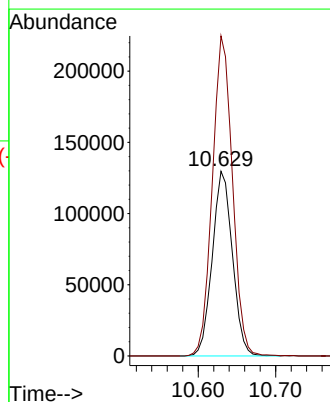
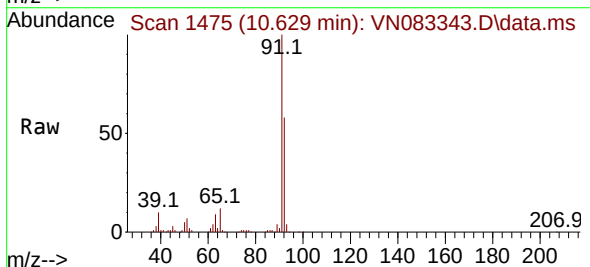
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

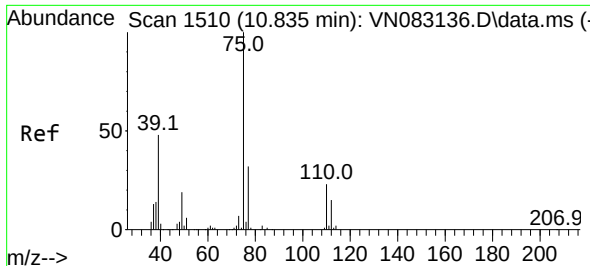
Tgt Ion: 43 Resp: 713110
Ion Ratio Lower Upper
43 100
58 39.0 28.2 42.4



#52
Toluene
Concen: 53.656 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

Tgt Ion: 92 Resp: 235001
Ion Ratio Lower Upper
92 100
91 172.9 139.4 209.0

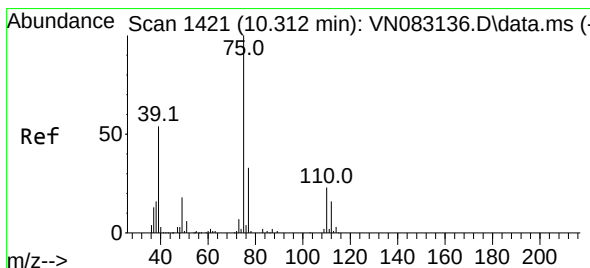
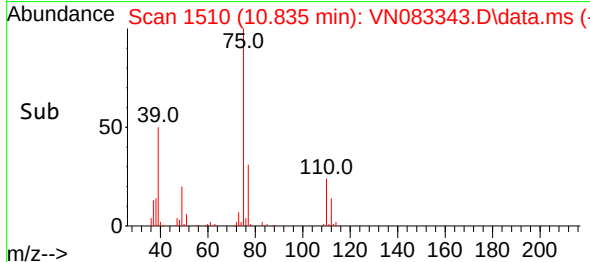
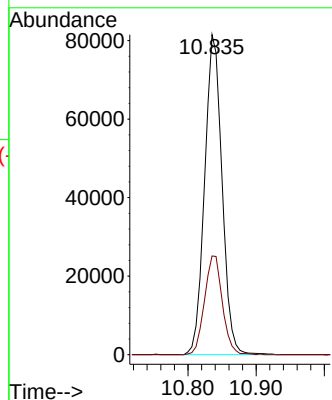
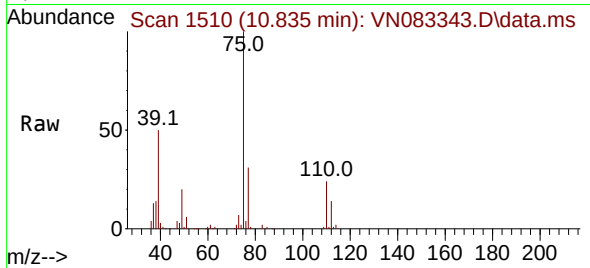




#53
t-1,3-Dichloropropene
Concen: 53.336 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

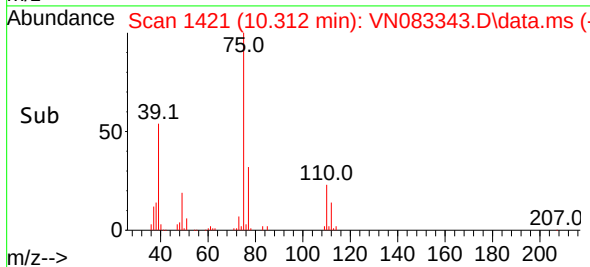
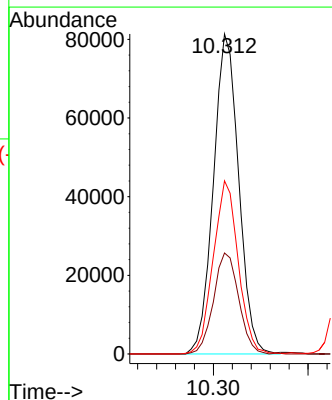
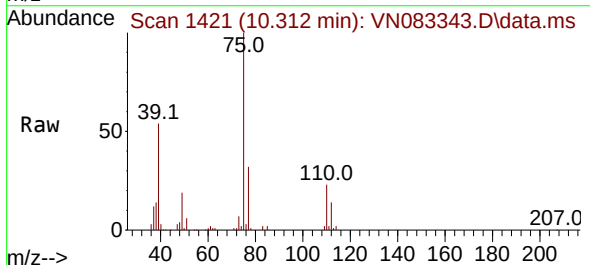
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

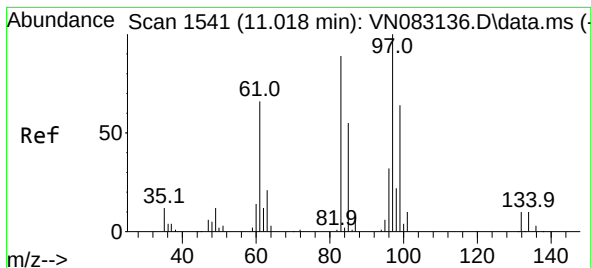
Tgt Ion: 75 Resp: 144881
Ion Ratio Lower Upper
75 100
77 30.9 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 52.164 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

Tgt Ion: 75 Resp: 150715
Ion Ratio Lower Upper
75 100
77 31.6 24.3 36.5
39 54.1 50.5 75.7





#55

1,1,2-Trichloroethane

Concen: 58.052 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN083343.D

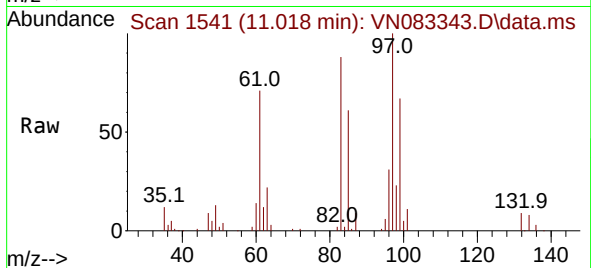
Acq: 15 Aug 2024 20:03

Instrument :

MSVOA_N

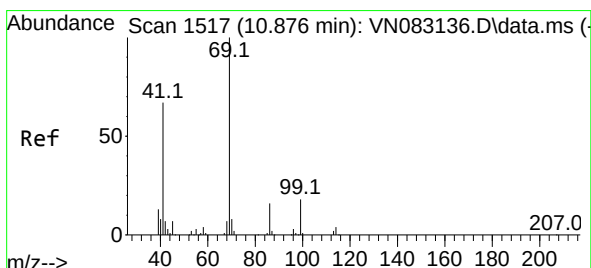
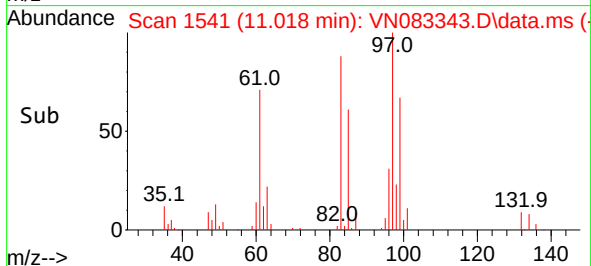
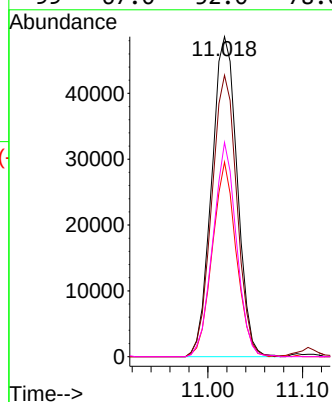
ClientSampleId :

VSTDCCC050EC



Tgt Ion: 97 Resp: 91116

Ion	Ratio	Lower	Upper
97	100		
83	88.0	71.4	107.0
85	60.8	45.8	68.6
99	67.0	52.0	78.0



#56

Ethyl methacrylate

Concen: 53.542 ug/l

RT: 10.876 min Scan# 1517

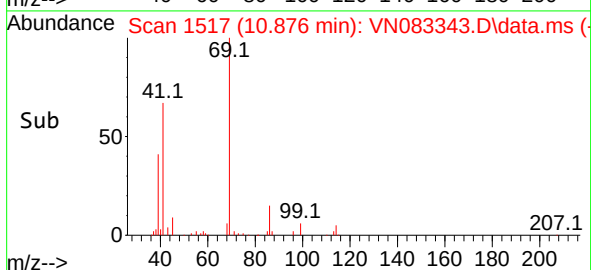
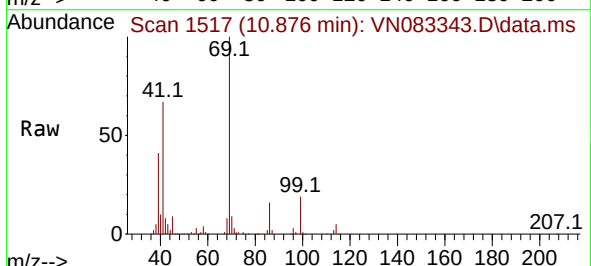
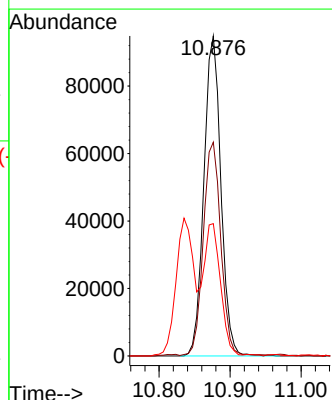
Delta R.T. -0.000 min

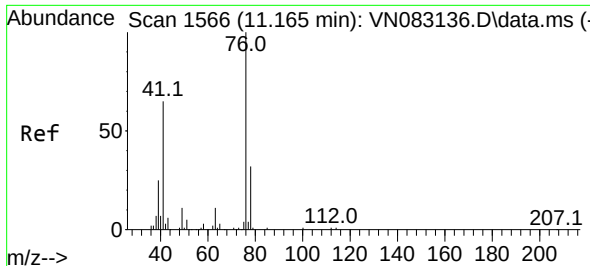
Lab File: VN083343.D

Acq: 15 Aug 2024 20:03

Tgt Ion: 69 Resp: 158426

Ion	Ratio	Lower	Upper
69	100		
41	69.0	63.4	95.2
39	41.7	37.4	56.0





#57

1,3-Dichloropropane

Concen: 56.668 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN083343.D

Acq: 15 Aug 2024 20:03

Instrument :

MSVOA_N

ClientSampleId :

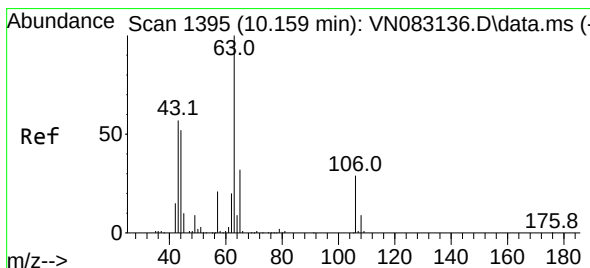
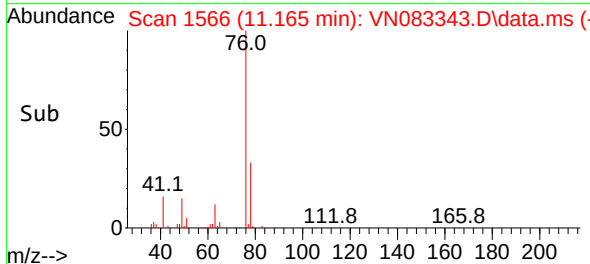
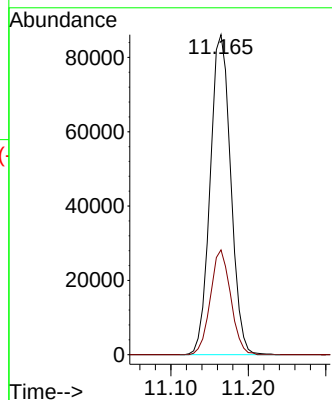
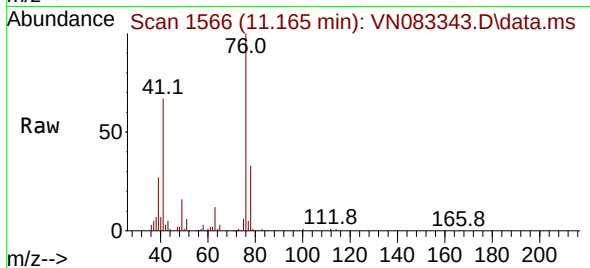
VSTDCCC050EC

Tgt Ion: 76 Resp: 158537

Ion Ratio Lower Upper

76 100

78 32.4 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 272.524 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN083343.D

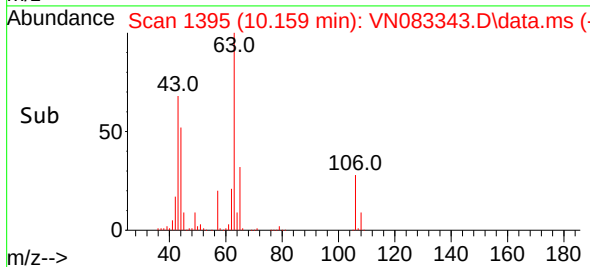
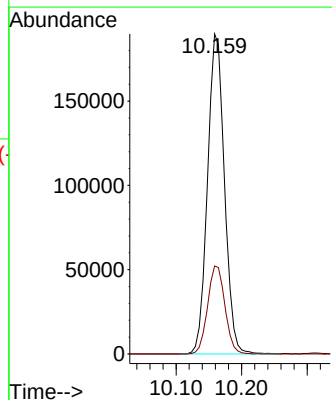
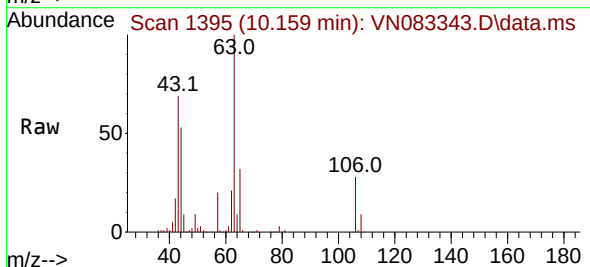
Acq: 15 Aug 2024 20:03

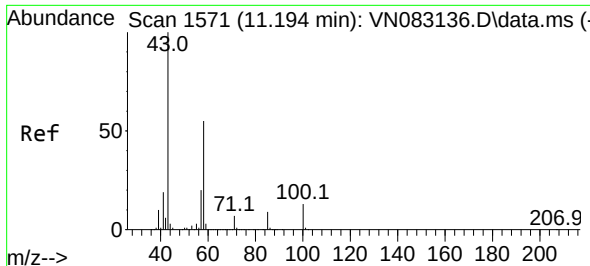
Tgt Ion: 63 Resp: 340857

Ion Ratio Lower Upper

63 100

106 28.1 21.4 32.0

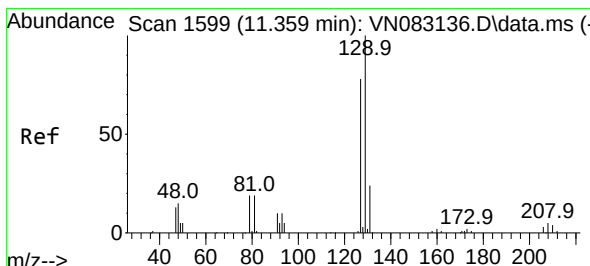
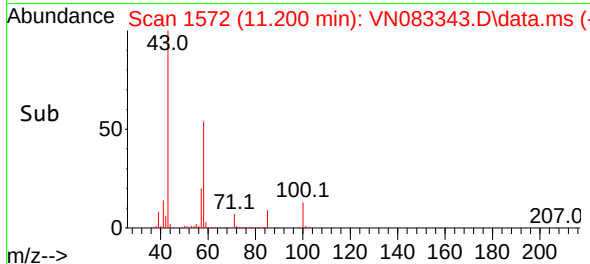
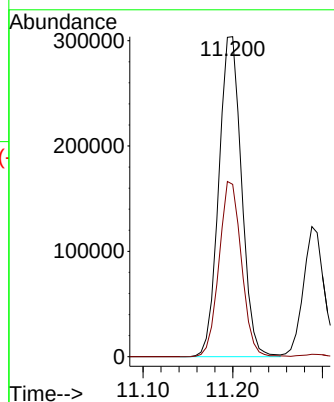
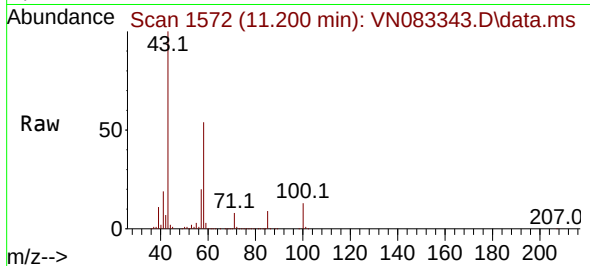




#59
2-Hexanone
Concen: 280.883 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

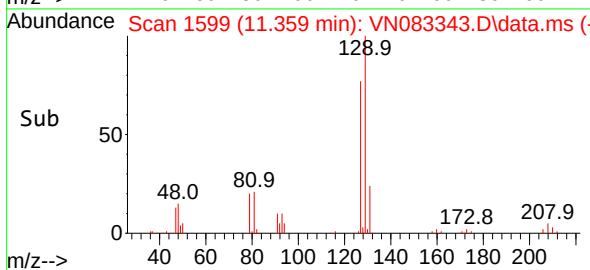
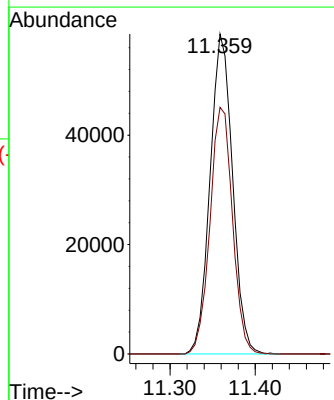
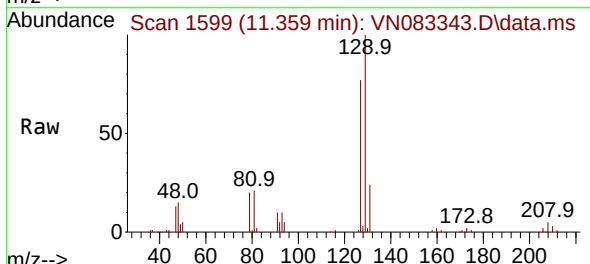
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

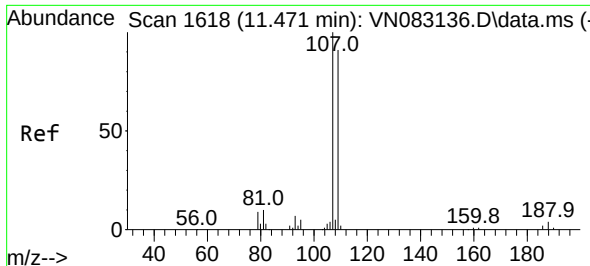
Tgt Ion: 43 Resp: 535360
Ion Ratio Lower Upper
43 100
58 53.9 24.6 73.8



#60
Dibromochloromethane
Concen: 56.502 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

Tgt Ion:129 Resp: 107223
Ion Ratio Lower Upper
129 100
127 77.1 39.2 117.6

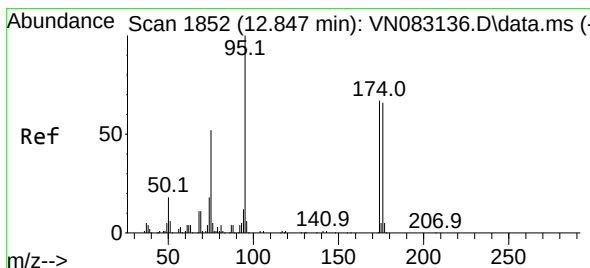
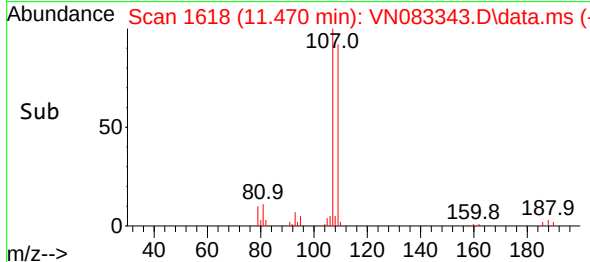
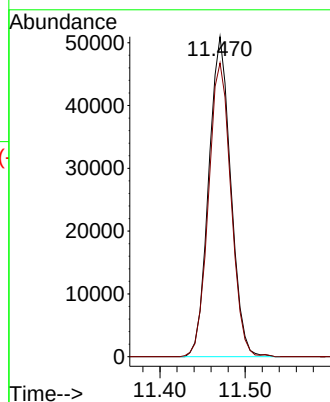
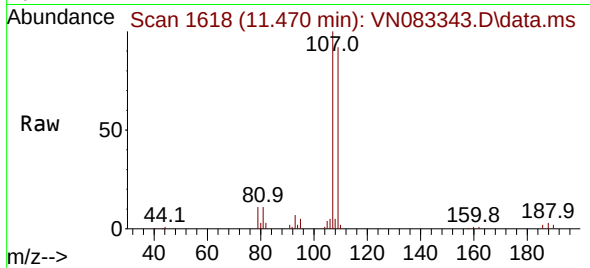




#61
1,2-Dibromoethane
Concen: 55.577 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

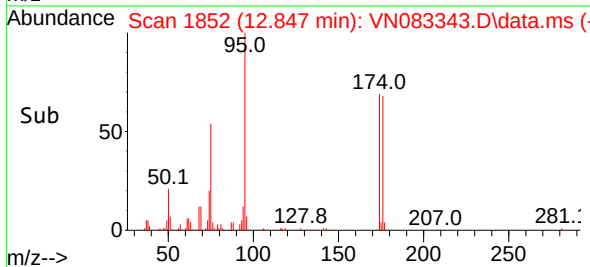
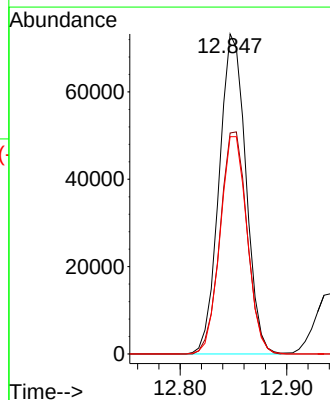
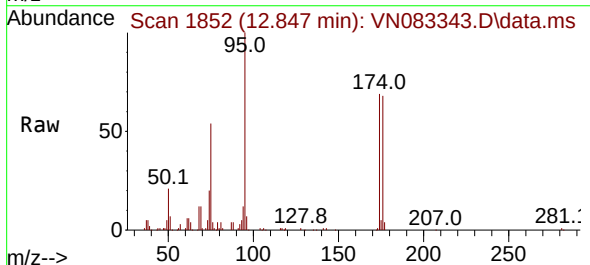
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

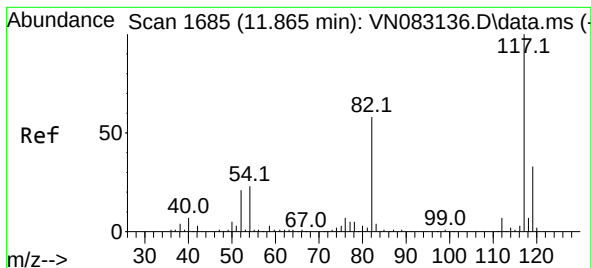
Tgt Ion:107 Resp: 91637
Ion Ratio Lower Upper
107 100
109 93.4 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 56.941 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

Tgt Ion: 95 Resp: 127372
Ion Ratio Lower Upper
95 100
174 70.3 0.0 159.2
176 68.8 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: VN083343.D

Acq: 15 Aug 2024 20:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

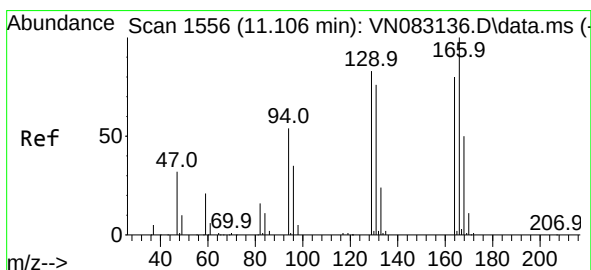
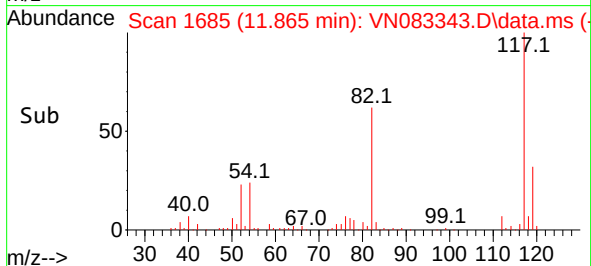
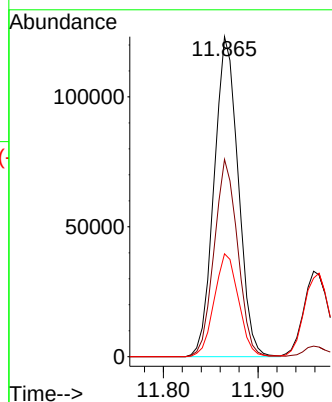
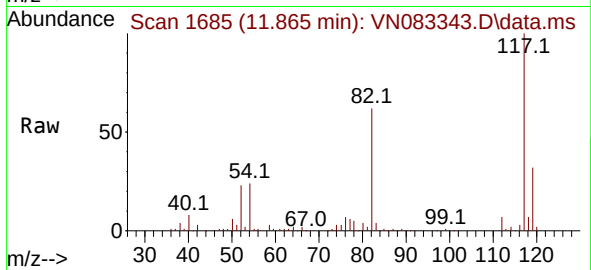
Tgt Ion:117 Resp: 218012

Ion Ratio Lower Upper

117 100

82 61.6 47.5 71.3

119 32.1 25.6 38.4



#64

Tetrachloroethene

Concen: 52.298 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN083343.D

Acq: 15 Aug 2024 20:03

Tgt Ion:164 Resp: 75510

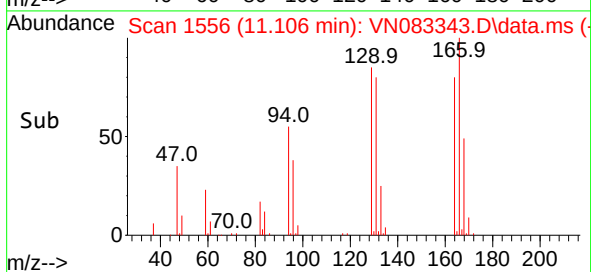
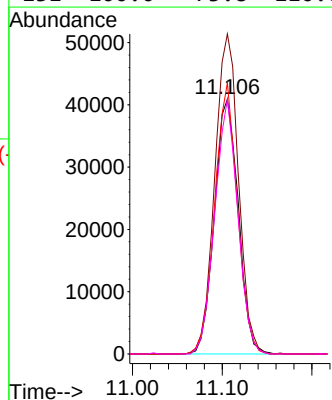
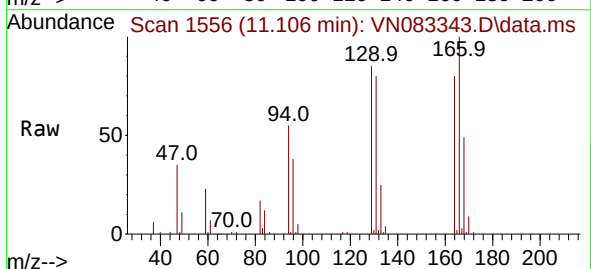
Ion Ratio Lower Upper

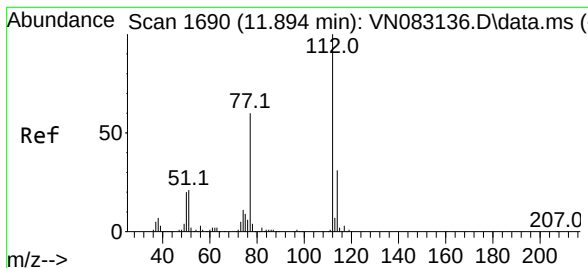
164 100

166 125.6 101.4 152.0

129 106.4 75.7 113.5

131 100.0 73.8 110.6

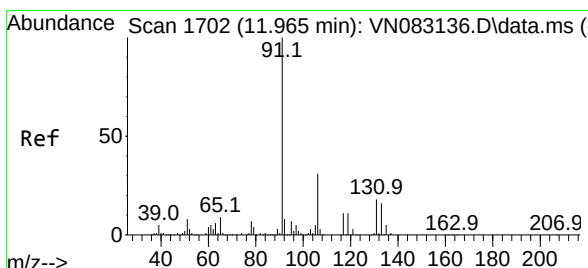
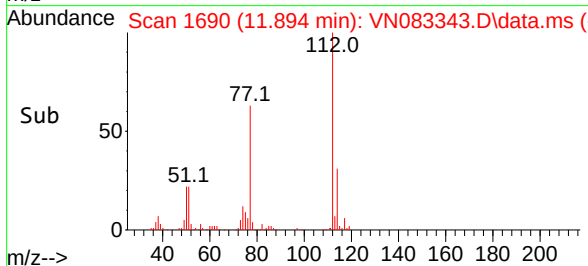
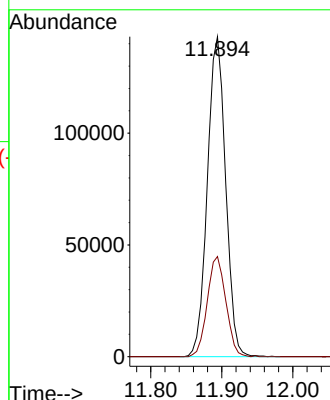
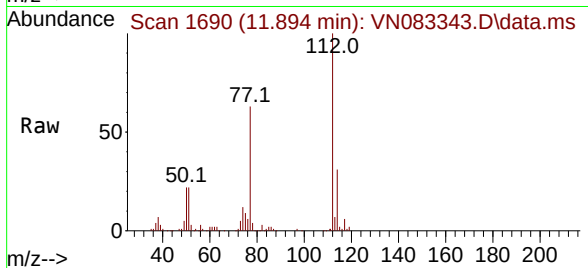




#65
Chlorobenzene
Concen: 53.106 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

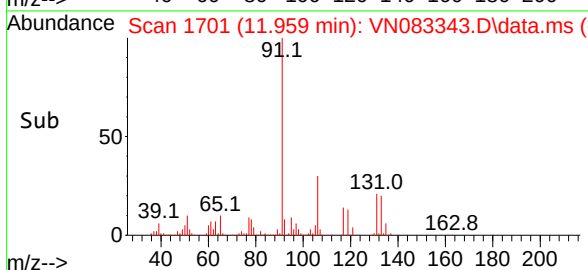
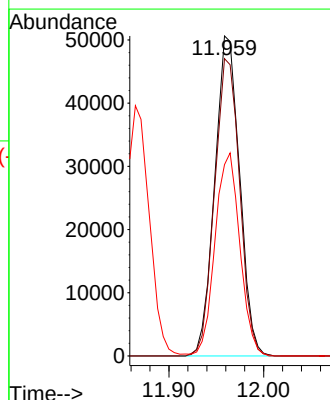
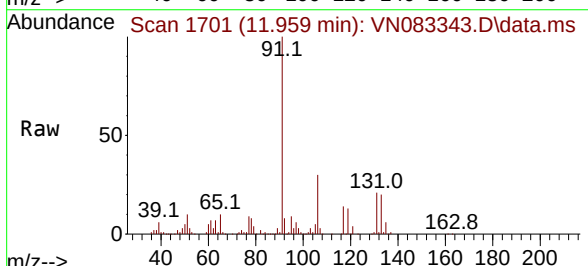
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

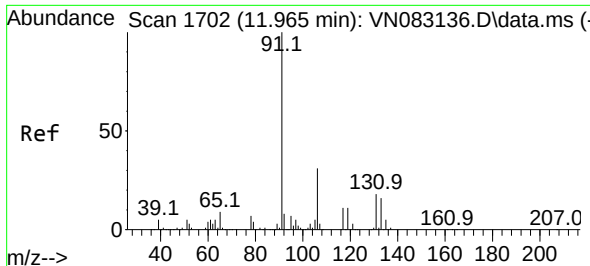
Tgt Ion:112 Resp: 255853
Ion Ratio Lower Upper
112 100
114 31.3 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 54.461 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

Tgt Ion:131 Resp: 92537
Ion Ratio Lower Upper
131 100
133 93.5 47.3 142.0
119 63.1 32.5 97.4

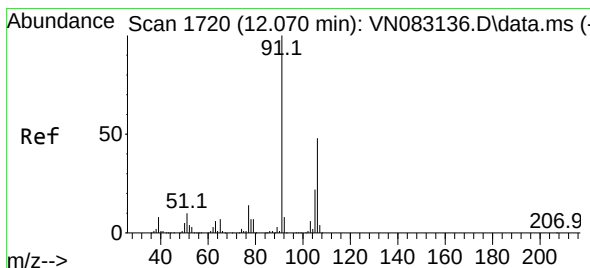
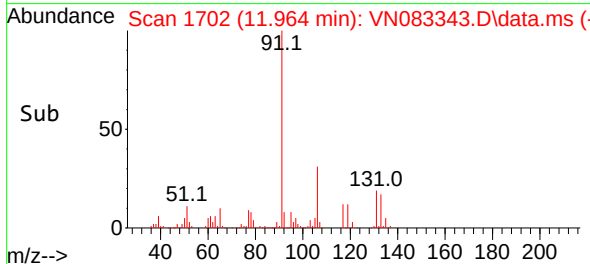
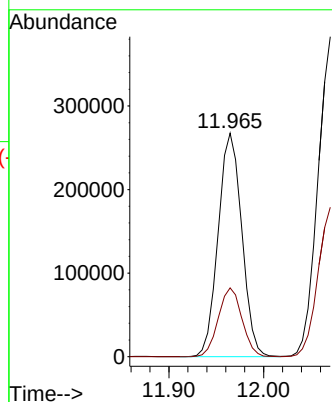
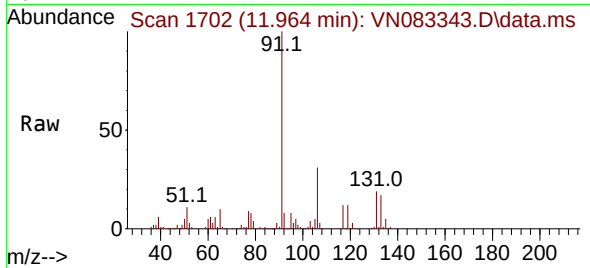




#67
Ethyl Benzene
Concen: 52.505 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

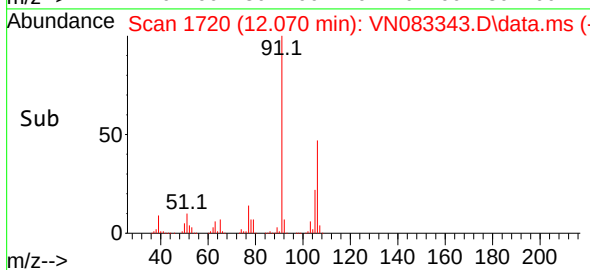
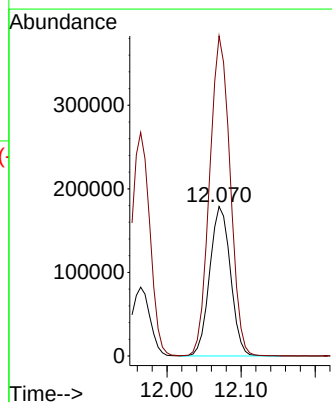
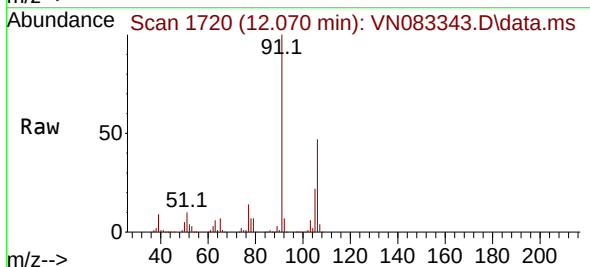
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

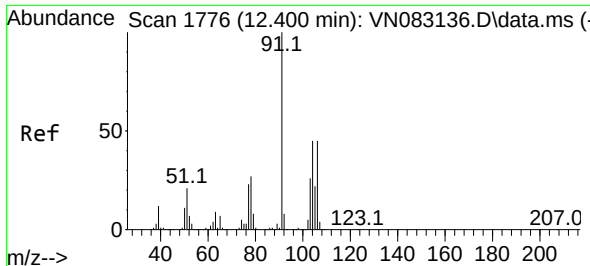
Tgt Ion: 91 Resp: 464046
Ion Ratio Lower Upper
91 100
106 30.8 24.0 36.0



#68
m/p-Xylenes
Concen: 105.178 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

Tgt Ion: 106 Resp: 348213
Ion Ratio Lower Upper
106 100
91 212.3 166.1 249.1

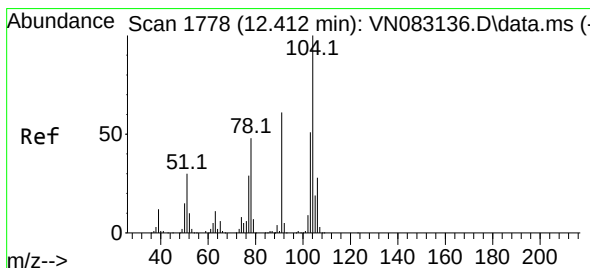
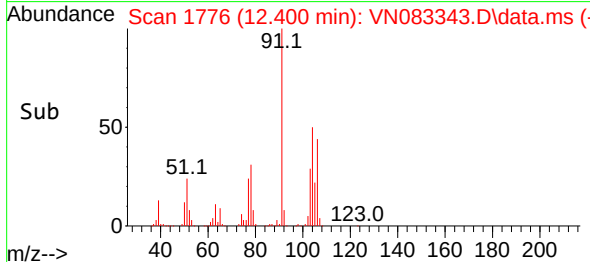
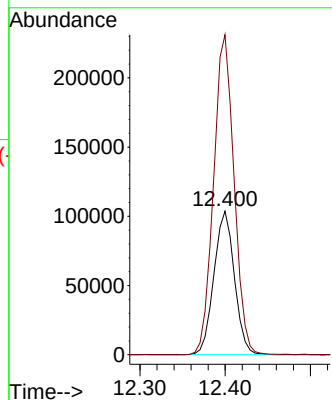
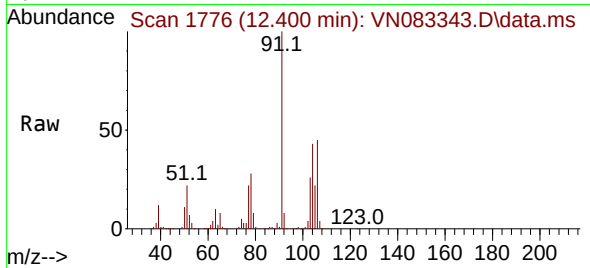




#69
o-Xylene
Concen: 52.966 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

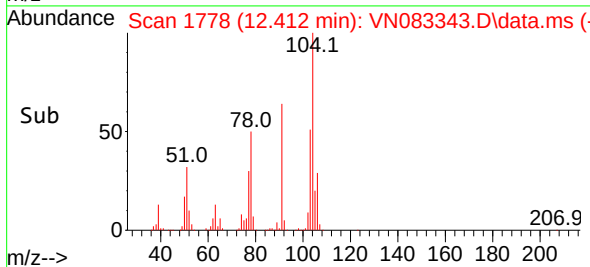
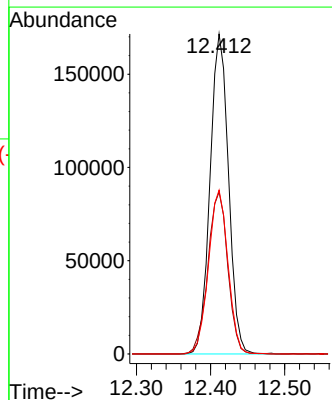
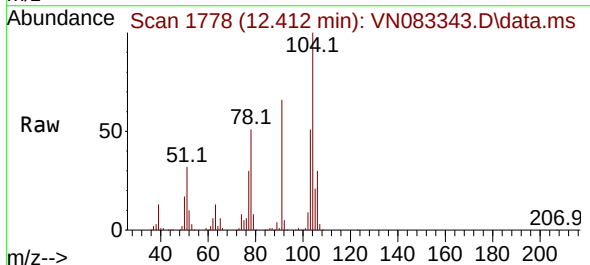
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

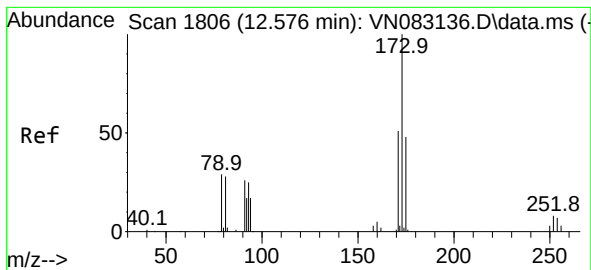
Tgt Ion:106 Resp: 172946
Ion Ratio Lower Upper
106 100
91 223.2 111.3 333.9



#70
Styrene
Concen: 54.147 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

Tgt Ion:104 Resp: 296948
Ion Ratio Lower Upper
104 100
78 54.3 41.6 62.4
103 54.1 44.0 66.0





#71

Bromoform

Concen: 54.786 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN083343.D

Acq: 15 Aug 2024 20:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

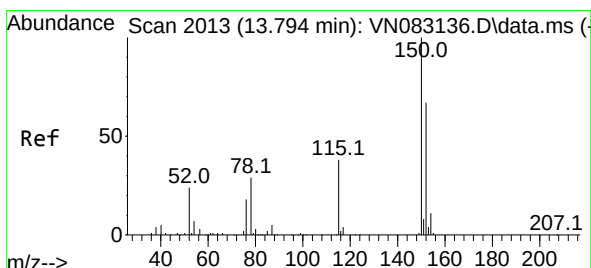
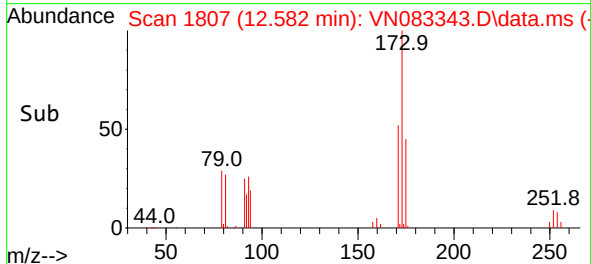
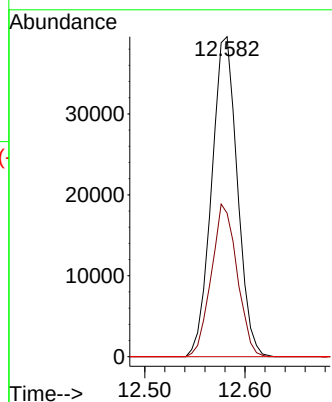
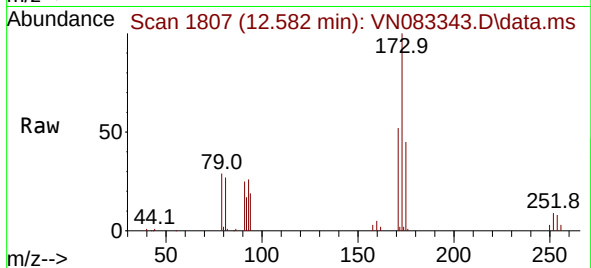
Tgt Ion:173 Resp: 70522

Ion Ratio Lower Upper

173 100

175 47.8 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: VN083343.D

Acq: 15 Aug 2024 20:03

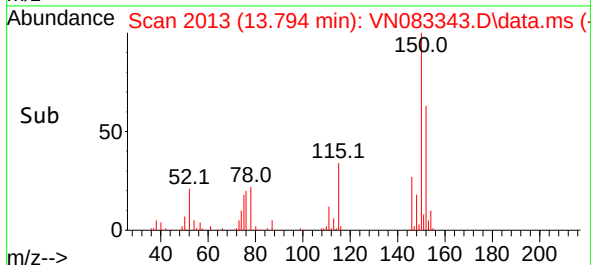
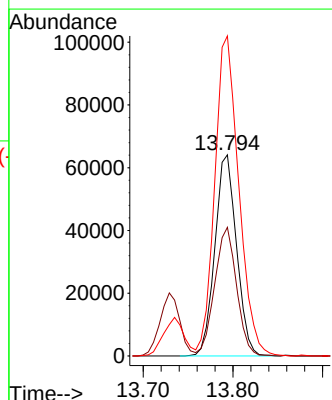
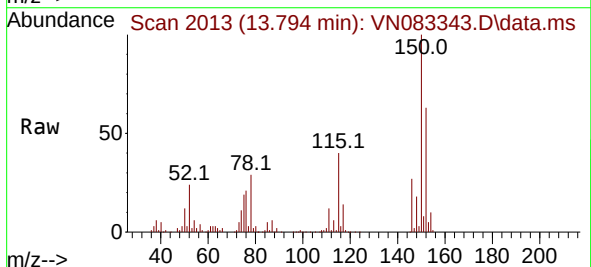
Tgt Ion:152 Resp: 107529

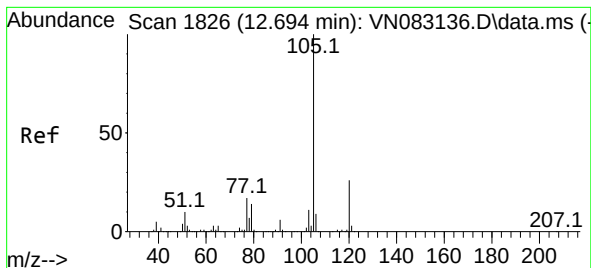
Ion Ratio Lower Upper

152 100

115 64.7 30.6 91.6

150 176.4 0.0 348.6





#73

Isopropylbenzene

Concen: 50.411 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN083343.D

Acq: 15 Aug 2024 20:03

Instrument :

MSVOA_N

ClientSampleId :

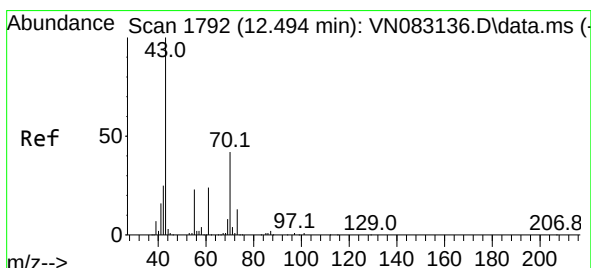
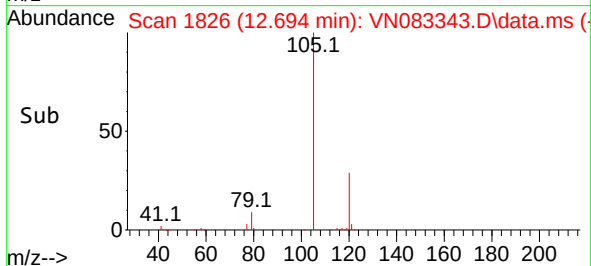
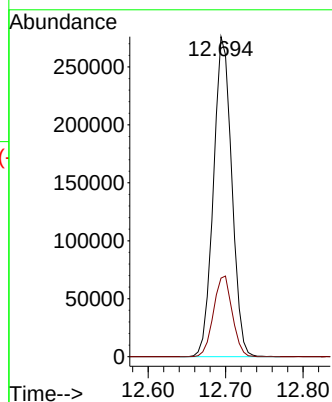
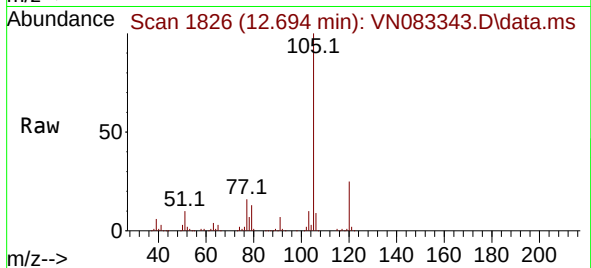
VSTDCCC050EC

Tgt Ion:105 Resp: 453395

Ion Ratio Lower Upper

105 100

120 25.8 12.9 38.6



#74

N-ethyl acetate

Concen: 47.744 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN083343.D

Acq: 15 Aug 2024 20:03

Tgt Ion: 43 Resp: 210042

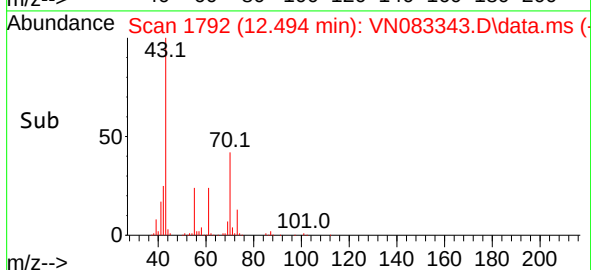
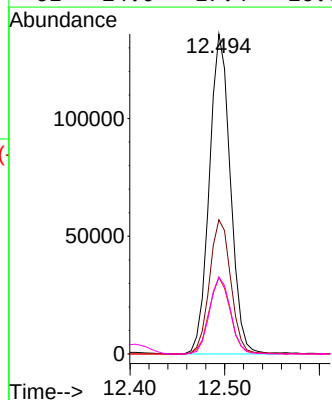
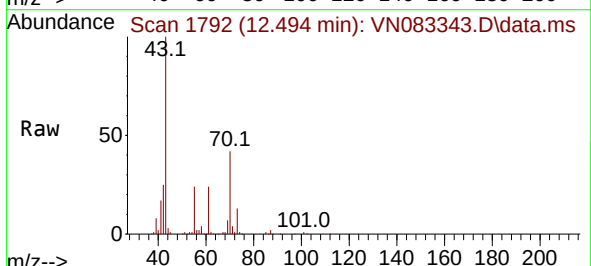
Ion Ratio Lower Upper

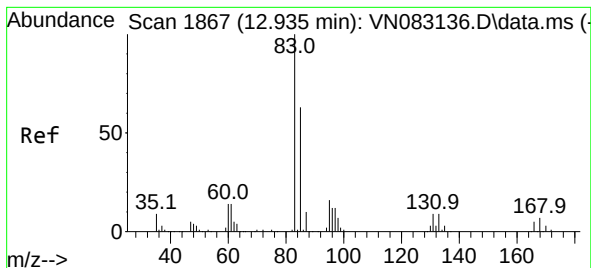
43 100

70 42.5 29.8 44.6

55 24.2 18.7 28.1

61 24.0 17.4 26.0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.933 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VN083343.D

Acq: 15 Aug 2024 20:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

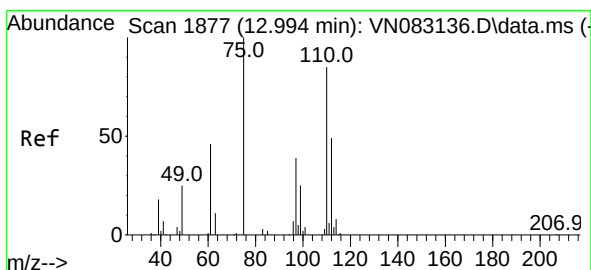
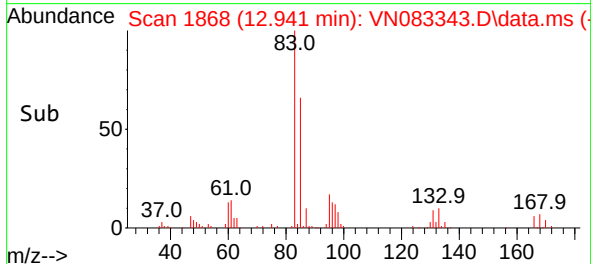
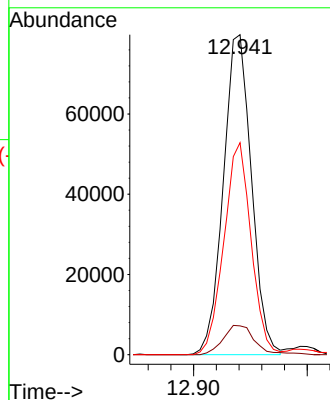
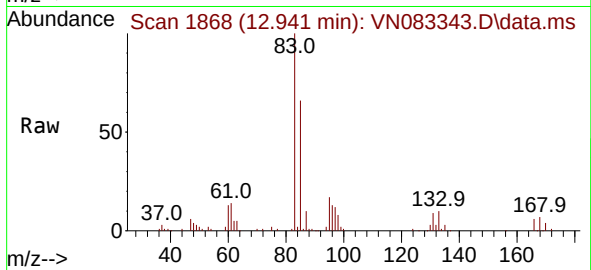
Tgt Ion: 83 Resp: 137195

Ion Ratio Lower Upper

83 100

131 10.3 5.0 14.9

85 64.1 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 77.090 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN083343.D

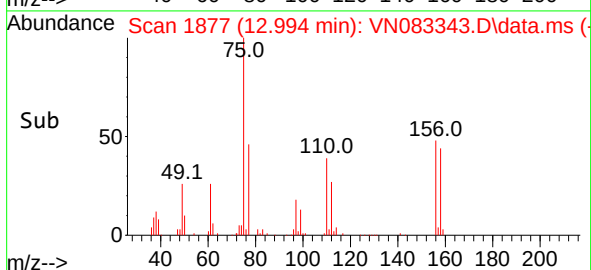
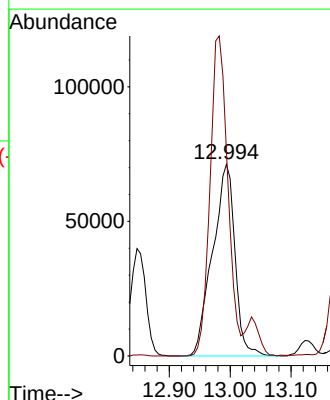
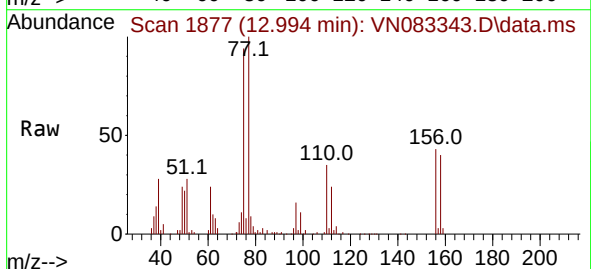
Acq: 15 Aug 2024 20:03

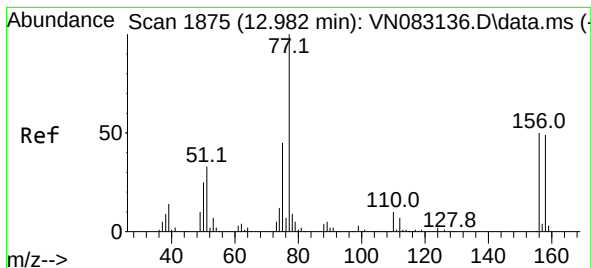
Tgt Ion: 75 Resp: 181933

Ion Ratio Lower Upper

75 100

77 132.2 110.9 332.6





#77

Bromobenzene

Concen: 51.542 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN083343.D

Acq: 15 Aug 2024 20:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

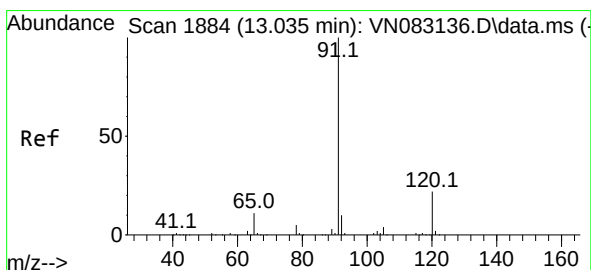
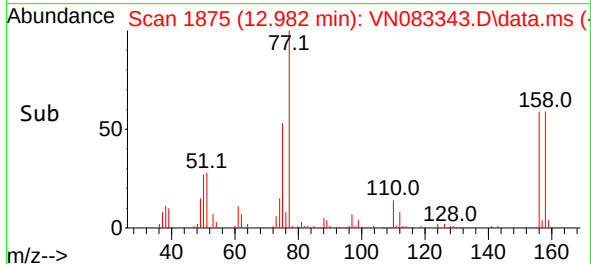
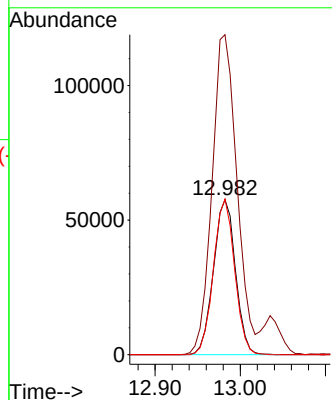
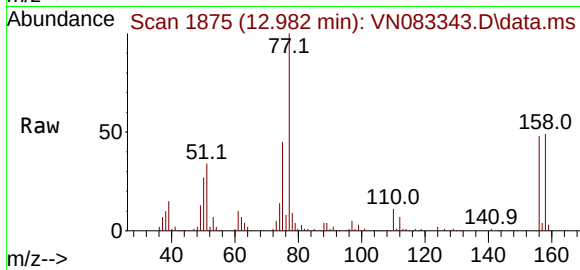
Tgt Ion:156 Resp: 102978

Ion Ratio Lower Upper

156 100

77 233.6 111.3 333.8

158 96.9 48.3 144.9



#78

n-propylbenzene

Concen: 51.272 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN083343.D

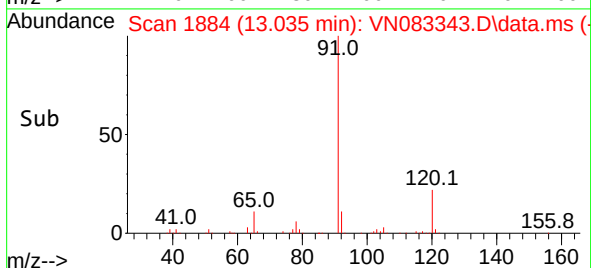
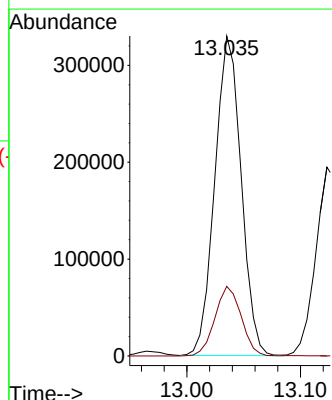
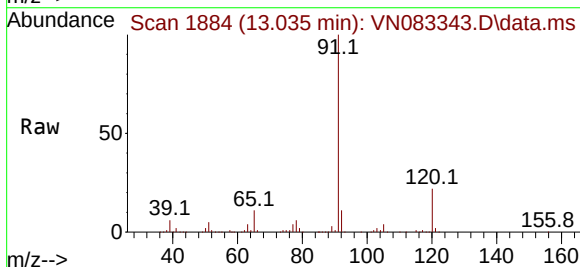
Acq: 15 Aug 2024 20:03

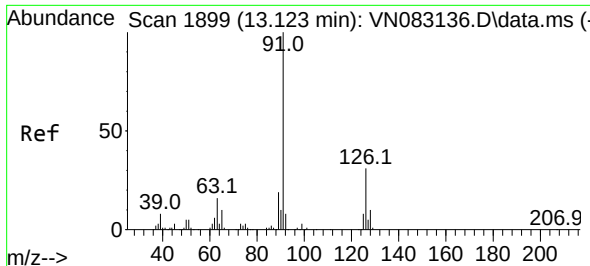
Tgt Ion: 91 Resp: 530990

Ion Ratio Lower Upper

91 100

120 21.7 10.9 32.9

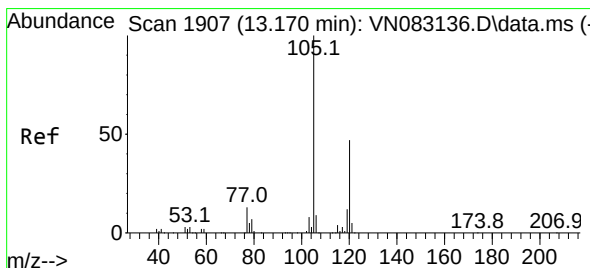
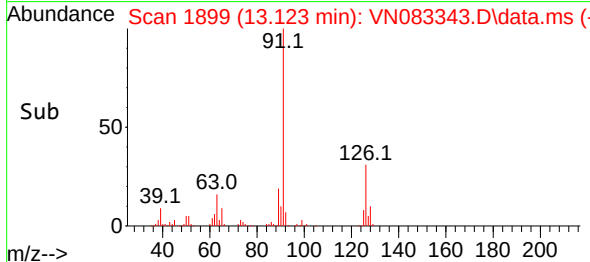
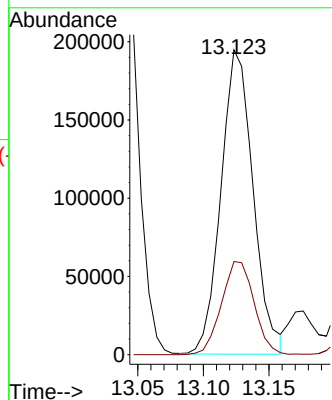
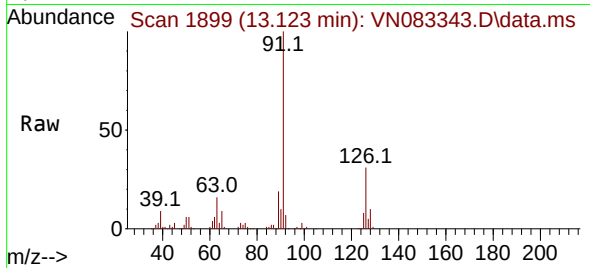




#79
2-Chlorotoluene
Concen: 50.474 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

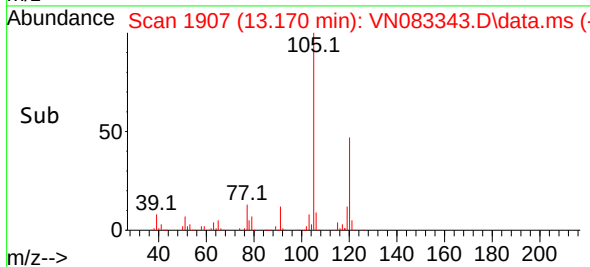
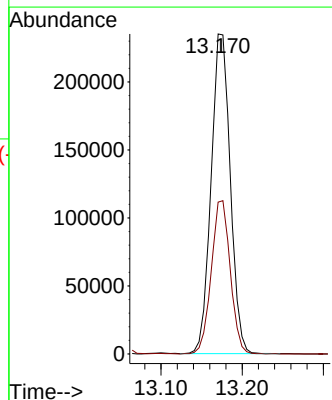
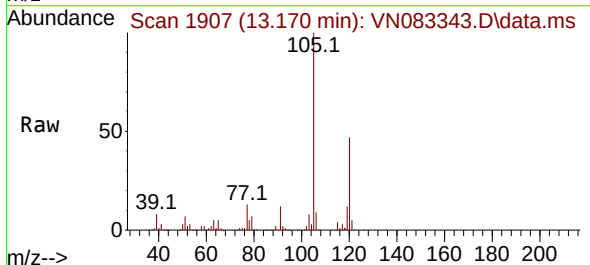
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

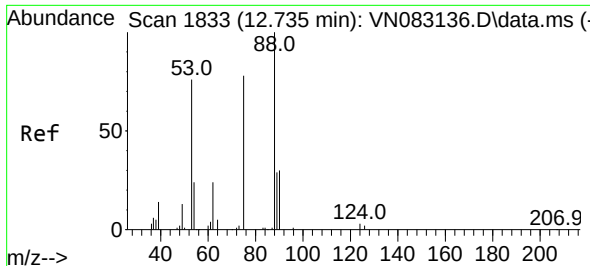
Tgt Ion: 91 Resp: 331409
Ion Ratio Lower Upper
91 100
126 31.2 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 51.217 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

Tgt Ion: 105 Resp: 385659
Ion Ratio Lower Upper
105 100
120 47.5 24.3 72.8

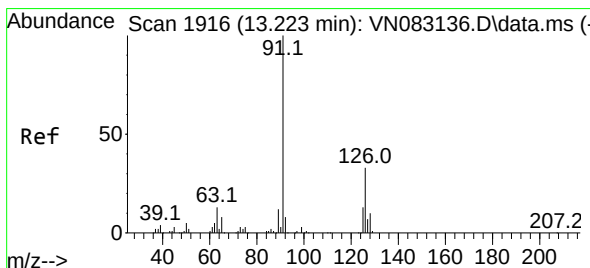
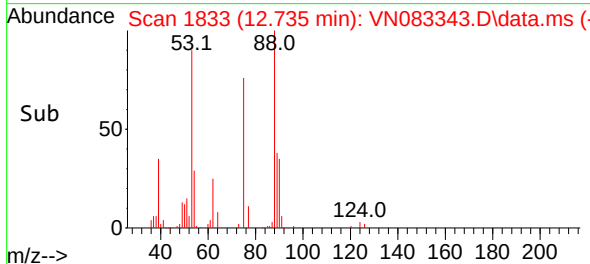
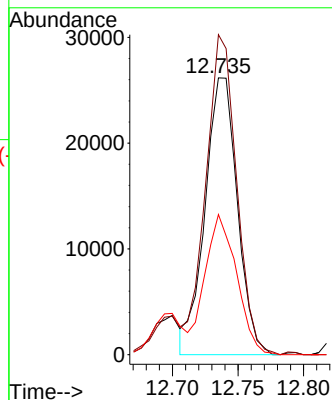
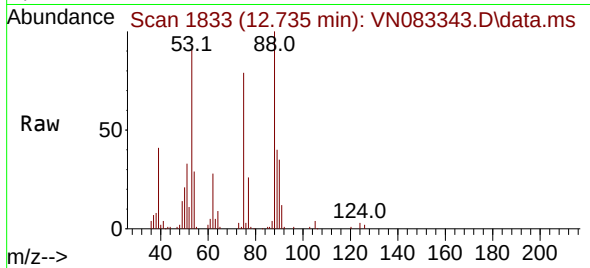




#81
trans-1,4-Dichloro-2-butene
Concen: 41.487 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

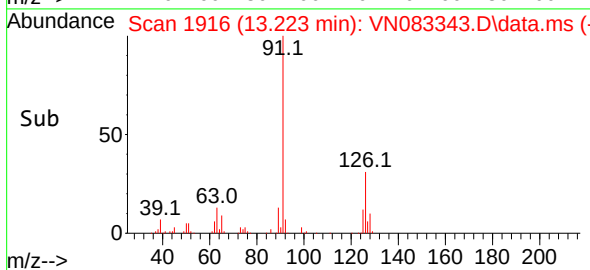
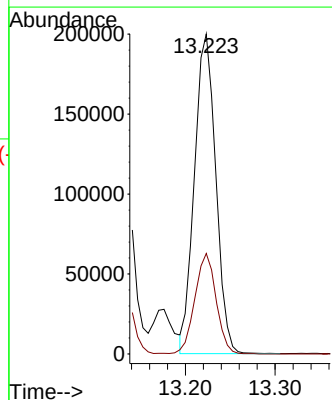
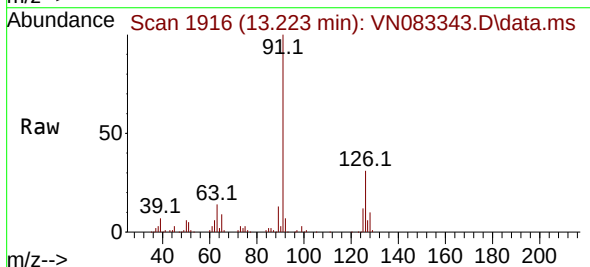
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

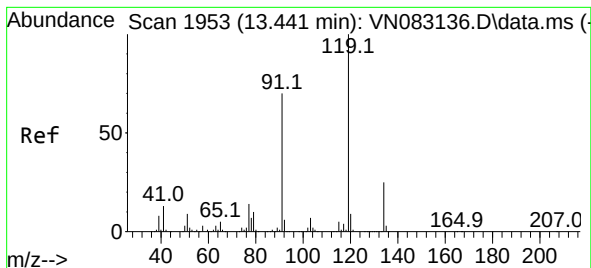
Tgt Ion: 75 Resp: 45011
Ion Ratio Lower Upper
75 100
53 110.5 88.4 132.6
89 49.3 36.3 54.5



#82
4-Chlorotoluene
Concen: 50.073 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

Tgt Ion: 91 Resp: 329781
Ion Ratio Lower Upper
91 100
126 31.4 16.2 48.6





#83

tert-Butylbenzene

Concen: 50.692 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN083343.D

Acq: 15 Aug 2024 20:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

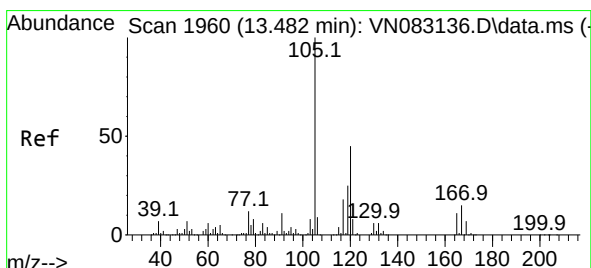
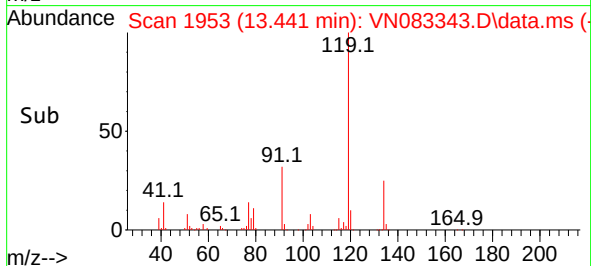
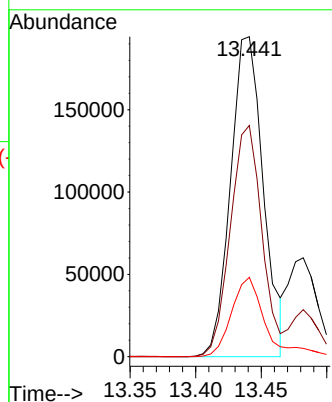
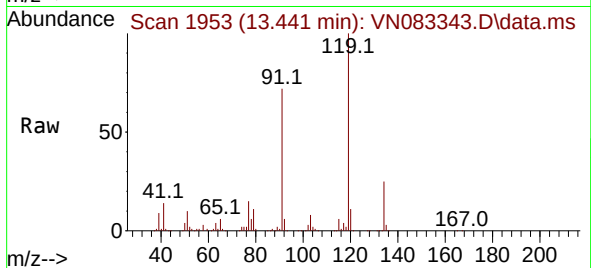
Tgt Ion:119 Resp: 338032

Ion Ratio Lower Upper

119 100

91 69.6 35.0 105.1

134 25.6 13.3 39.8



#84

1,2,4-Trimethylbenzene

Concen: 51.834 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN083343.D

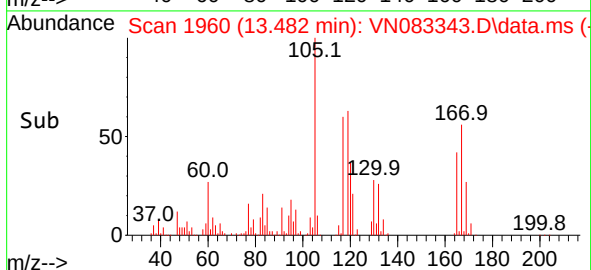
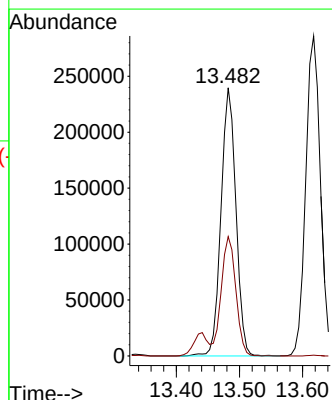
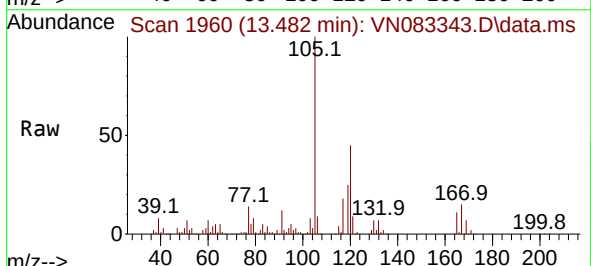
Acq: 15 Aug 2024 20:03

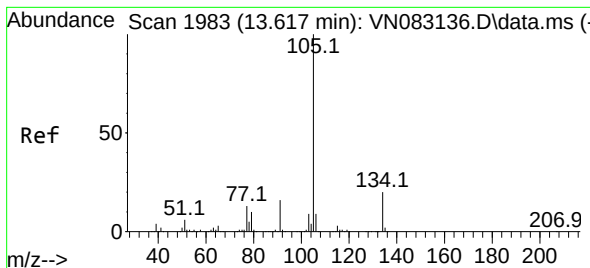
Tgt Ion:105 Resp: 393338

Ion Ratio Lower Upper

105 100

120 43.9 21.9 65.8





#85

sec-Butylbenzene

Concen: 50.582 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN083343.D

Acq: 15 Aug 2024 20:03

Instrument :

MSVOA_N

ClientSampleId :

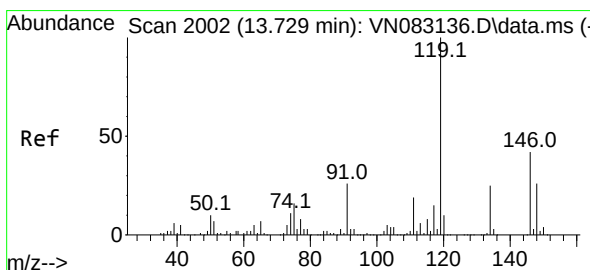
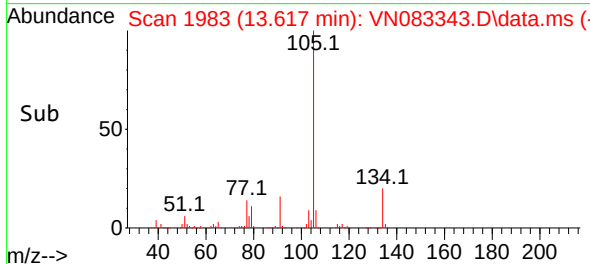
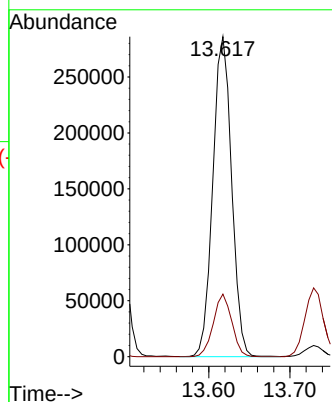
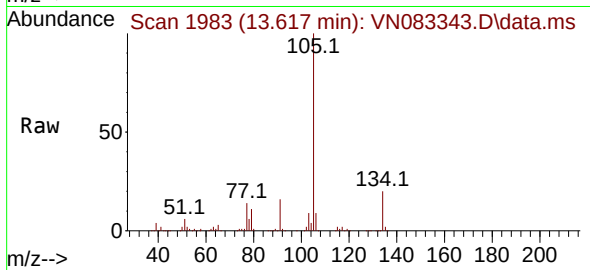
VSTDCCC050EC

Tgt Ion:105 Resp: 460243

Ion Ratio Lower Upper

105 100

134 19.2 9.8 29.3



#86

p-Isopropyltoluene

Concen: 51.461 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN083343.D

Acq: 15 Aug 2024 20:03

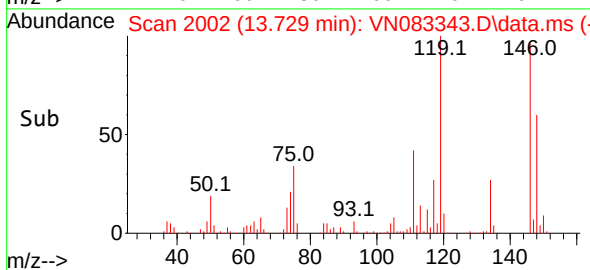
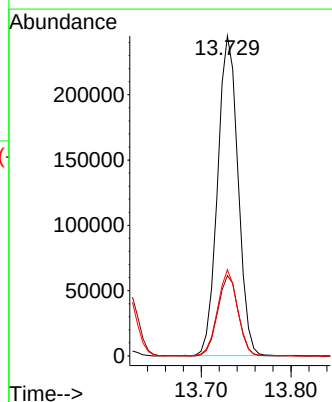
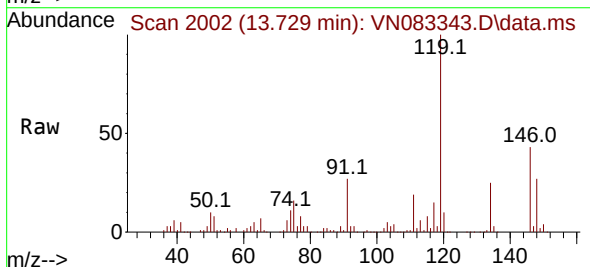
Tgt Ion:119 Resp: 386616

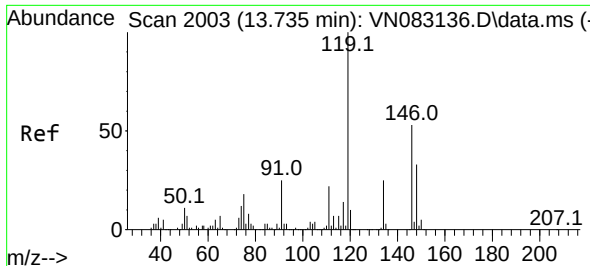
Ion Ratio Lower Upper

119 100

134 25.2 13.0 39.0

91 26.4 12.3 36.9

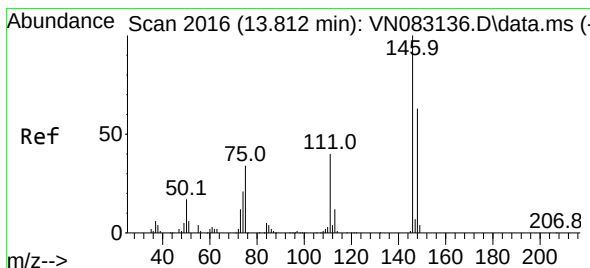
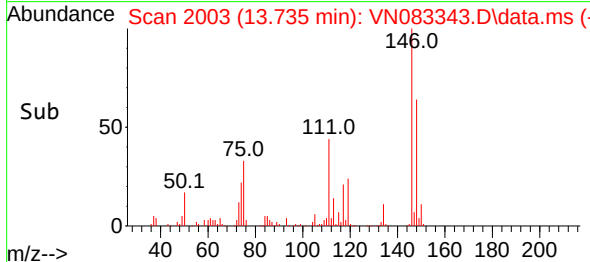
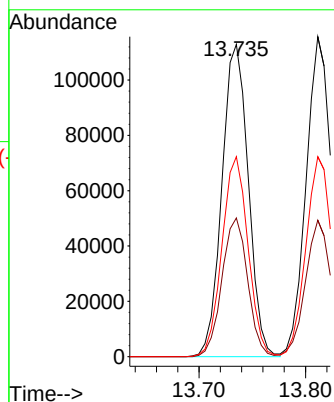
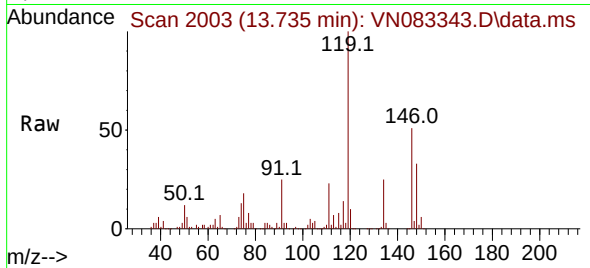




#87
 1,3-Dichlorobenzene
 Concen: 51.622 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN083343.D
 Acq: 15 Aug 2024 20:03

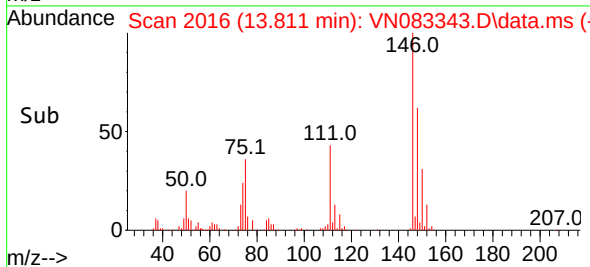
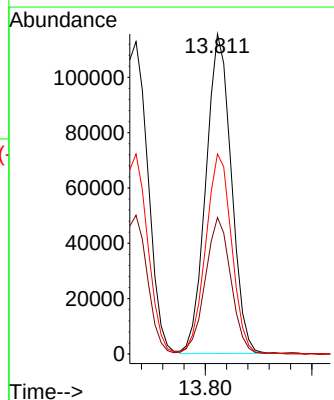
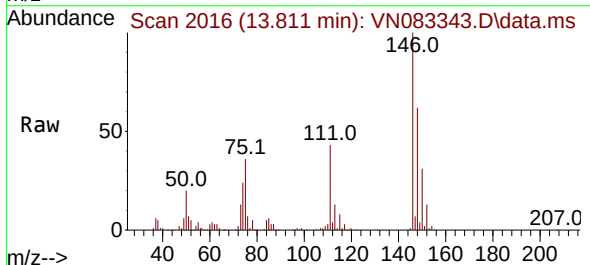
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

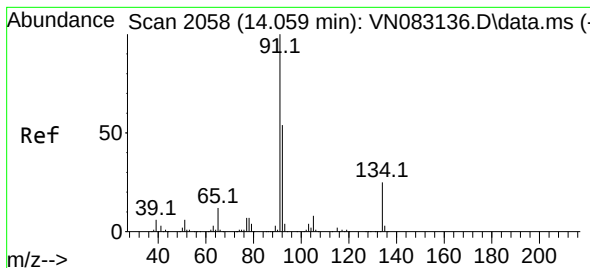
Tgt Ion:146 Resp: 194068
 Ion Ratio Lower Upper
 146 100
 111 43.3 20.6 61.9
 148 63.4 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 50.572 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN083343.D
 Acq: 15 Aug 2024 20:03

Tgt Ion:146 Resp: 191670
 Ion Ratio Lower Upper
 146 100
 111 42.8 20.1 60.3
 148 63.9 32.2 96.6





#89

n-Butylbenzene

Concen: 51.290 ug/l

RT: 14.058 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN083343.D

Acq: 15 Aug 2024 20:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

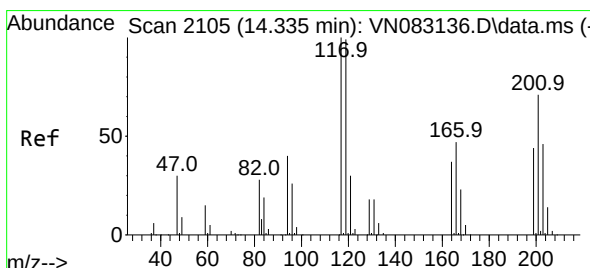
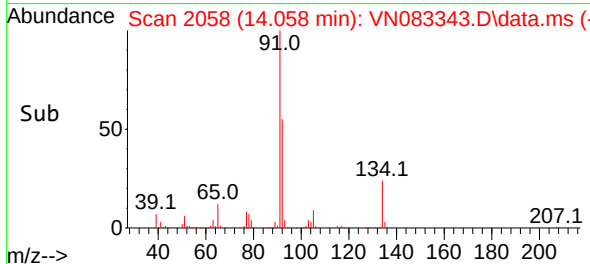
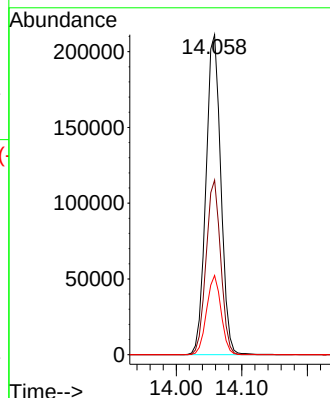
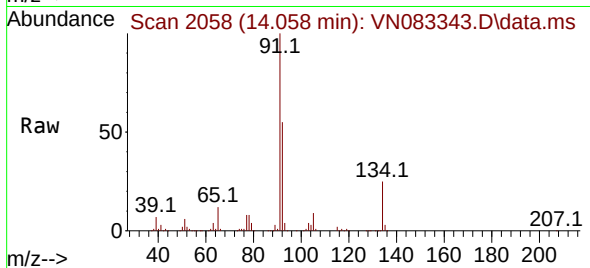
Tgt Ion: 91 Resp: 333890

Ion Ratio Lower Upper

91 100

92 53.6 26.1 78.3

134 24.0 12.1 36.3



#90

Hexachloroethane

Concen: 49.617 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN083343.D

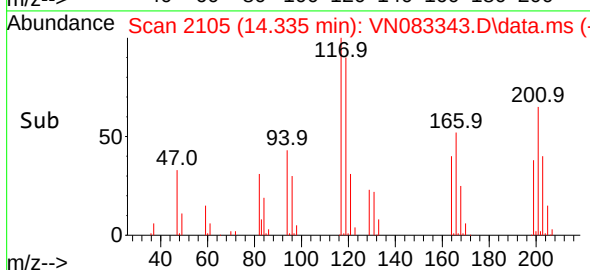
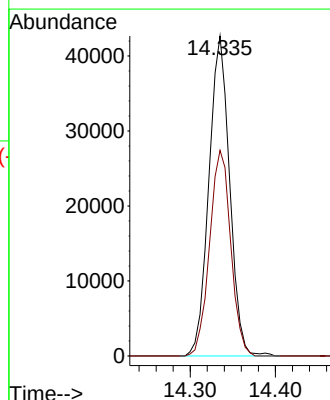
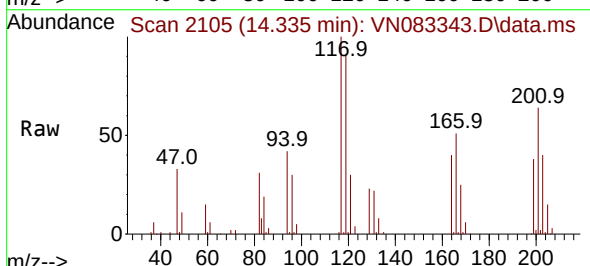
Acq: 15 Aug 2024 20:03

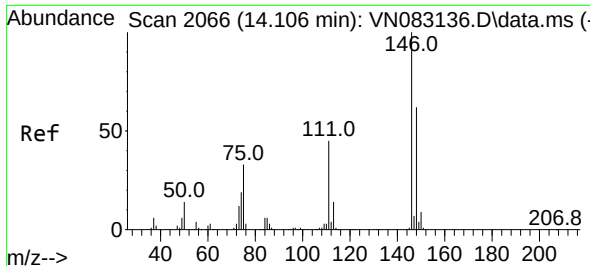
Tgt Ion: 117 Resp: 72017

Ion Ratio Lower Upper

117 100

201 65.5 35.8 107.3

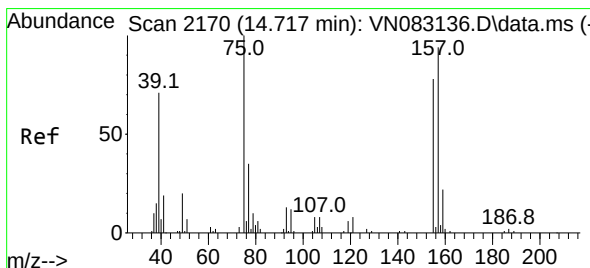
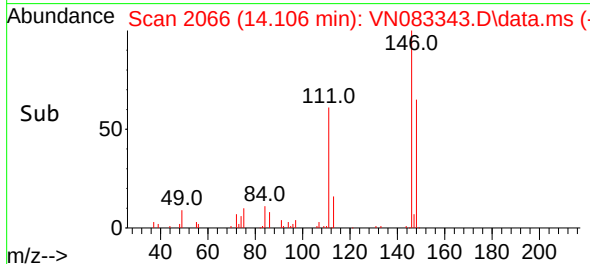
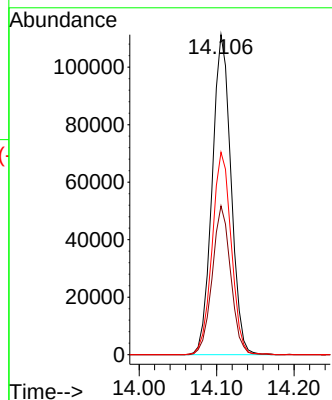
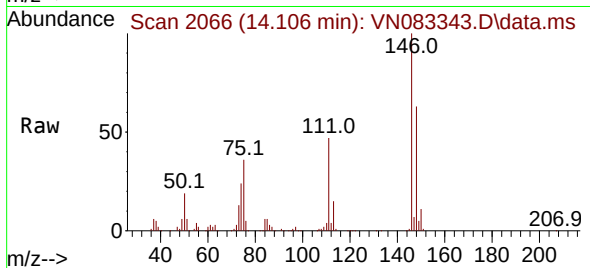




#91
1,2-Dichlorobenzene
Concen: 51.629 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

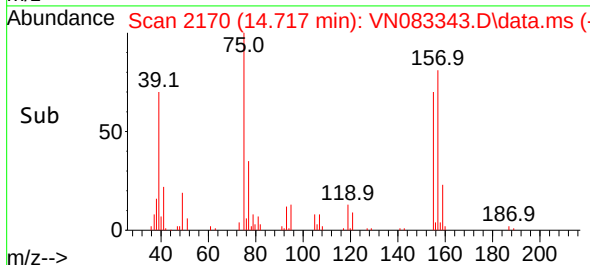
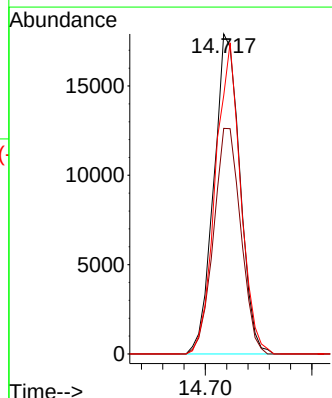
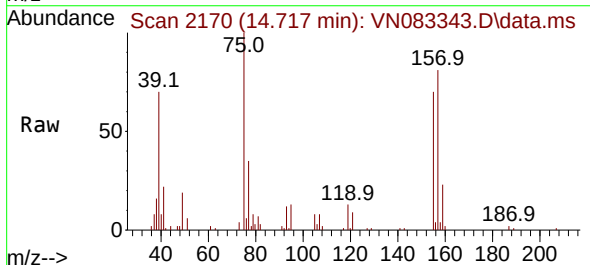
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

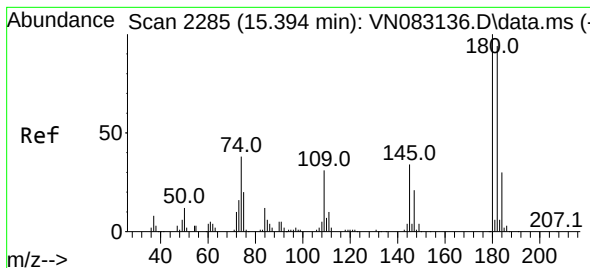
Tgt Ion:146 Resp: 187824
Ion Ratio Lower Upper
146 100
111 45.7 21.4 64.2
148 64.3 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.316 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN083343.D
Acq: 15 Aug 2024 20:03

Tgt Ion: 75 Resp: 30442
Ion Ratio Lower Upper
75 100
155 73.4 36.6 109.8
157 93.7 46.9 140.6





#93

1,2,4-Trichlorobenzene

Concen: 48.955 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN083343.D

Acq: 15 Aug 2024 20:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

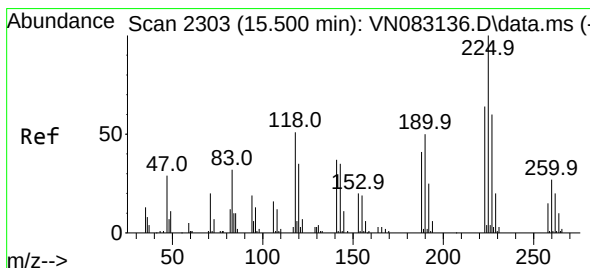
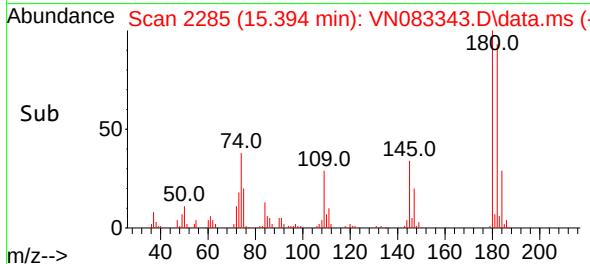
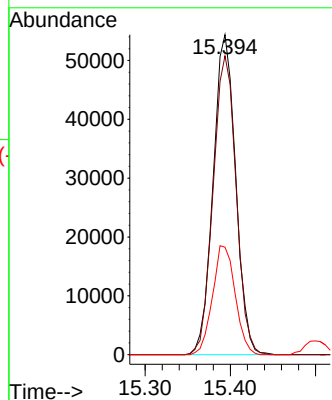
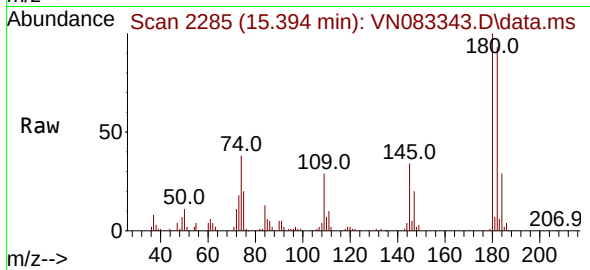
Tgt Ion:180 Resp: 99776

Ion Ratio Lower Upper

180 100

182 95.1 47.3 141.8

145 34.3 15.7 47.1



#94

Hexachlorobutadiene

Concen: 44.119 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN083343.D

Acq: 15 Aug 2024 20:03

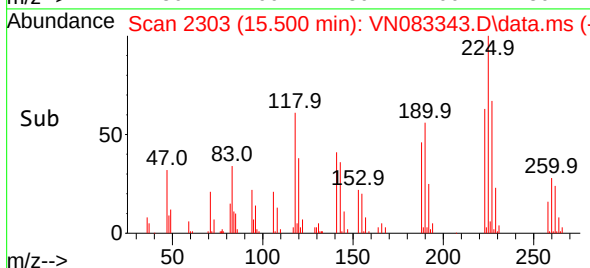
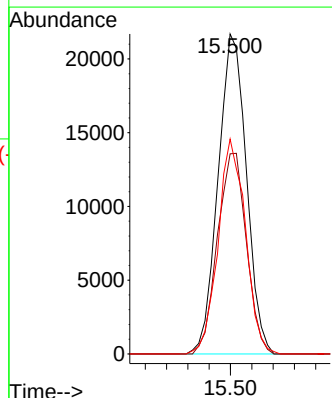
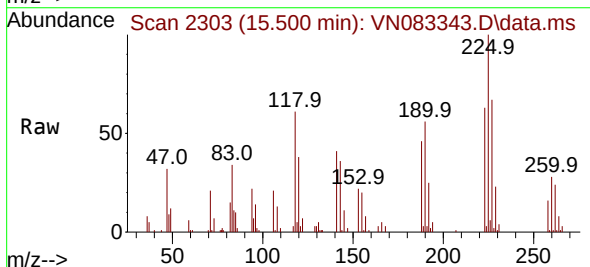
Tgt Ion:225 Resp: 39990

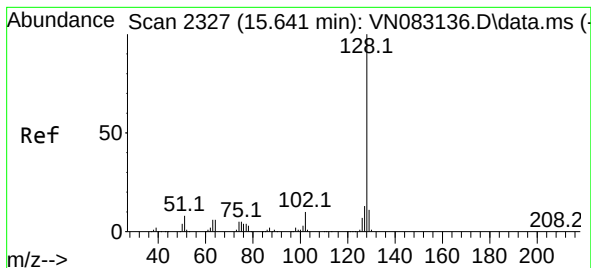
Ion Ratio Lower Upper

225 100

223 64.2 31.9 95.7

227 64.9 32.5 97.5





#95

Naphthalene

Concen: 49.839 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN083343.D

Acq: 15 Aug 2024 20:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

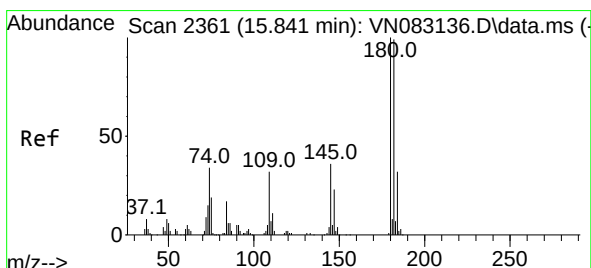
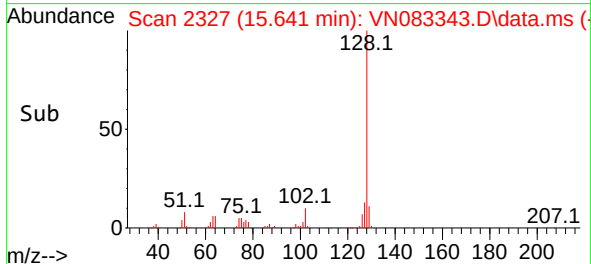
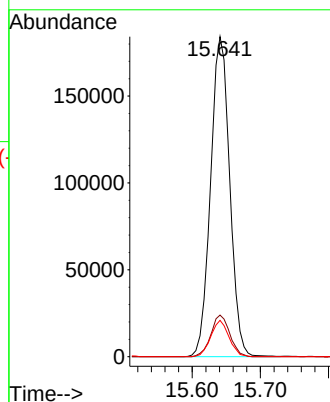
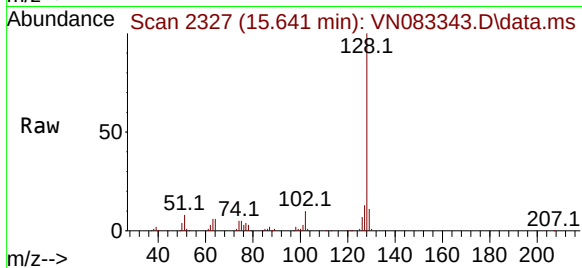
Tgt Ion:128 Resp: 359807

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: 49.272 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN083343.D

Acq: 15 Aug 2024 20:03

Tgt Ion:180 Resp: 99366

Ion Ratio Lower Upper

180 100

182 95.5 48.9 146.8

145 35.6 16.8 50.4

