

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072424\
 Data File : VN083020.D
 Acq On : 24 Jul 2024 09:42
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Jul 25 02:33:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	185757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	306610	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	285173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	143948	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122847	47.177	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.360%
35) Dibromofluoromethane	8.171	113	97613	49.614	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.220%
50) Toluene-d8	10.571	98	355697	48.949	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.900%
62) 4-Bromofluorobenzene	12.853	95	121543	46.564	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	93.120%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	118643	49.334	ug/l	100
3) Chloromethane	2.359	50	94596	41.477	ug/l	99
4) Vinyl Chloride	2.512	62	115018	48.018	ug/l	97
5) Bromomethane	2.936	94	77344	44.785	ug/l	99
6) Chloroethane	3.112	64	90317	55.100	ug/l	99
7) Trichlorofluoromethane	3.489	101	191760	55.661	ug/l	94
8) Diethyl Ether	3.965	74	62063	52.638	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.371	101	113256	58.085	ug/l	98
10) Methyl Iodide	4.589	142	104283	52.166	ug/l	97
11) Tert butyl alcohol	5.524	59	110701	252.761	ug/l	99
12) 1,1-Dichloroethene	4.336	96	97096	51.204	ug/l	86
13) Acrolein	4.177	56	60755	192.141	ug/l	99
14) Allyl chloride	5.024	41	139498	47.181	ug/l #	88
15) Acrylonitrile	5.718	53	264269	262.558	ug/l	100
16) Acetone	4.424	43	253538	276.553	ug/l	98
17) Carbon Disulfide	4.712	76	251216	44.334	ug/l	100
18) Methyl Acetate	5.024	43	157786	65.043	ug/l #	88
19) Methyl tert-butyl Ether	5.794	73	361528	55.269	ug/l	99
20) Methylene Chloride	5.277	84	121048	54.673	ug/l	84
21) trans-1,2-Dichloroethene	5.783	96	105684	51.436	ug/l	87
22) Diisopropyl ether	6.671	45	361619	58.461	ug/l #	93
23) Vinyl Acetate	6.600	43	1318558	268.425	ug/l #	95
24) 1,1-Dichloroethane	6.571	63	217095	57.860	ug/l	97
25) 2-Butanone	7.483	43	362167	261.627	ug/l	94
26) 2,2-Dichloropropane	7.489	77	209799	60.139	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	135502	56.330	ug/l	90
28) Bromochloromethane	7.812	49	83200	51.690	ug/l #	80
29) Tetrahydrofuran	7.841	42	226279	259.648	ug/l #	85
30) Chloroform	7.965	83	238372	59.886	ug/l	97
31) Cyclohexane	8.259	56	157386	46.231	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	212382	57.468	ug/l	95
36) 1,1-Dichloropropene	8.371	75	154507	56.959	ug/l	99
37) Ethyl Acetate	7.559	43	142710	51.675	ug/l	96
38) Carbon Tetrachloride	8.365	117	181753	55.649	ug/l	95
39) Methylcyclohexane	9.606	83	151738	51.786	ug/l	91
40) Benzene	8.606	78	483282	57.920	ug/l	97

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	79543	53.463	ug/l #	89
42) 1,2-Dichloroethane	8.671	62	180997	60.255	ug/l	98
43) Isopropyl Acetate	8.688	43	274310	52.847	ug/l #	95
44) Trichloroethene	9.353	130	114565	53.593	ug/l	100
45) 1,2-Dichloropropane	9.618	63	125014	64.175	ug/l	100
46) Dibromomethane	9.712	93	90879	59.883	ug/l	99
47) Bromodichloromethane	9.888	83	192080	61.256	ug/l	98
48) Methyl methacrylate	9.682	41	117852	54.424	ug/l #	84
49) 1,4-Dioxane	9.700	88	44550	944.553	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	777636	284.031	ug/l	95
52) Toluene	10.629	92	308788	59.243	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	193926	60.033	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	201176	58.836	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	122991	64.170	ug/l	93
56) Ethyl methacrylate	10.877	69	181972	61.025	ug/l	87
57) 1,3-Dichloropropane	11.165	76	203360	59.941	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	472871	309.045	ug/l	96
59) 2-Hexanone	11.194	43	583394	286.603	ug/l	94
60) Dibromochloromethane	11.359	129	148914	61.001	ug/l	99
61) 1,2-Dibromoethane	11.471	107	117795	57.873	ug/l	98
64) Tetrachloroethene	11.106	164	106015	49.829	ug/l	98
65) Chlorobenzene	11.894	112	342780	56.094	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	128374	59.060	ug/l	99
67) Ethyl Benzene	11.965	91	587694	57.222	ug/l	97
68) m/p-Xylenes	12.071	106	458132	118.152	ug/l	97
69) o-Xylene	12.400	106	216027	58.145	ug/l	97
70) Styrene	12.412	104	386774	63.005	ug/l	97
71) Bromoform	12.582	173	98843	57.823	ug/l #	98
73) Isopropylbenzene	12.700	105	553572	52.923	ug/l	98
74) N-amyl acetate	12.494	43	225984	52.231	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	167949	53.613	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	224671	90.529	ug/l	43
77) Bromobenzene	12.982	156	141153	52.309	ug/l	93
78) n-propylbenzene	13.035	91	672461	55.915	ug/l	99
79) 2-Chlorotoluene	13.123	91	398112	51.954	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	466796	55.210	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	63197	50.082	ug/l	99
82) 4-Chlorotoluene	13.223	91	409351	53.971	ug/l	97
83) tert-Butylbenzene	13.441	119	397501	53.030	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	476721	55.320	ug/l	100
85) sec-Butylbenzene	13.618	105	556876	54.977	ug/l	99
86) p-Isopropyltoluene	13.729	119	469614	55.568	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	261232	53.589	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	259084	51.392	ug/l	100
89) n-Butylbenzene	14.059	91	397597	54.915	ug/l	98
90) Hexachloroethane	14.335	117	92502	51.729	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	252948	53.443	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	32359	44.650	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	126370	49.568	ug/l	99
94) Hexachlorobutadiene	15.506	225	52648	46.583	ug/l	98
95) Naphthalene	15.641	128	409637	46.912	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	126818	48.379	ug/l	99

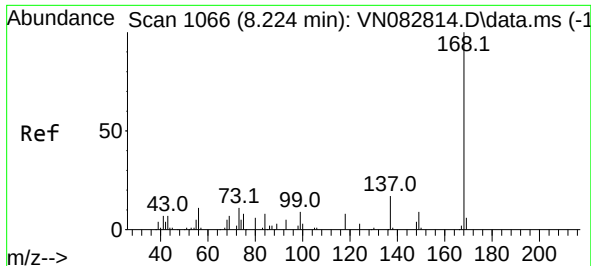
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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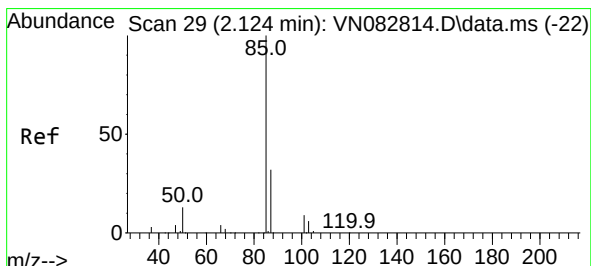
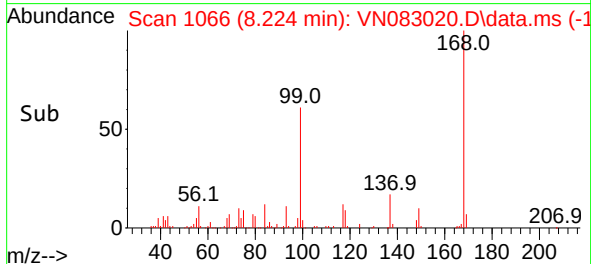
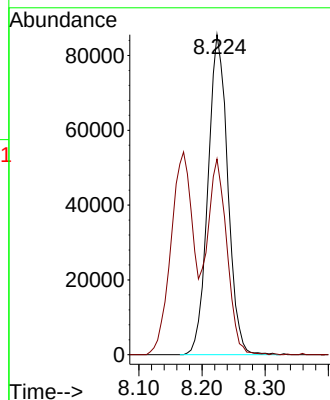
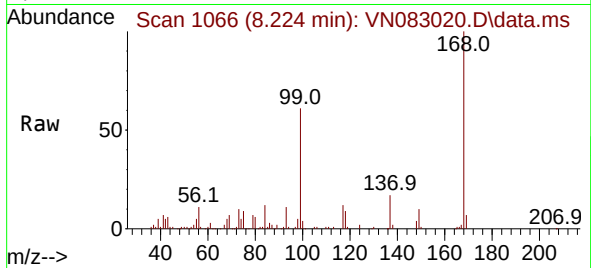
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

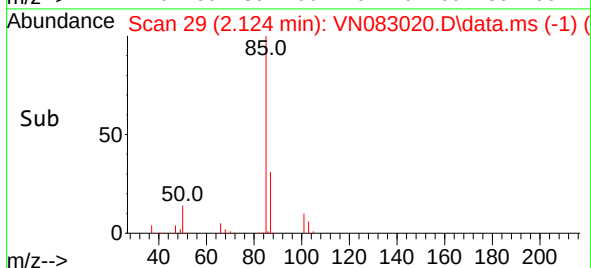
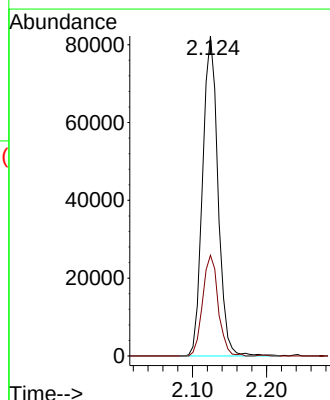
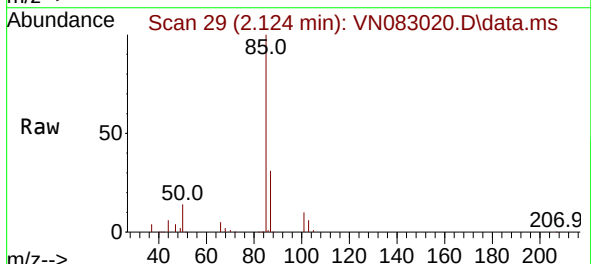
Instrument :
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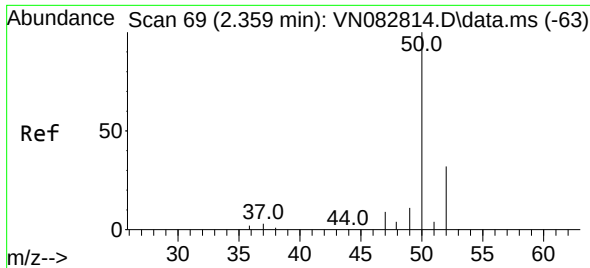
Tgt Ion:168 Resp: 185757
Ion Ratio Lower Upper
168 100
99 61.1 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 49.334 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

Tgt Ion: 85 Resp: 118643
Ion Ratio Lower Upper
85 100
87 31.5 15.7 47.0

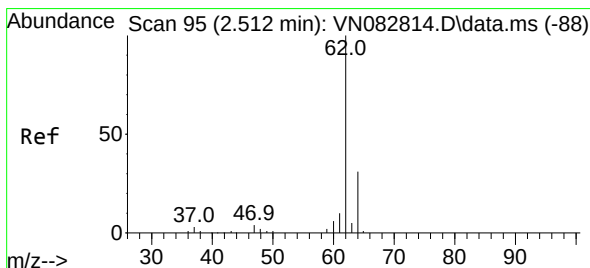
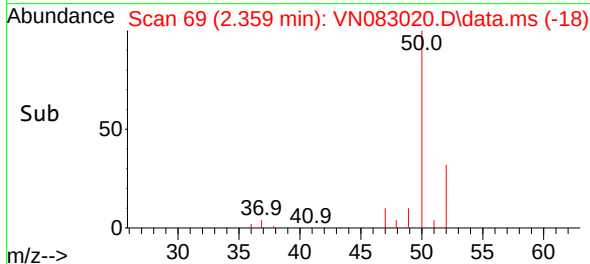
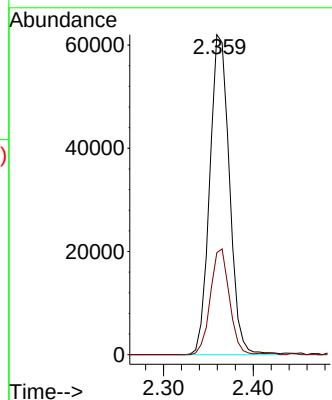
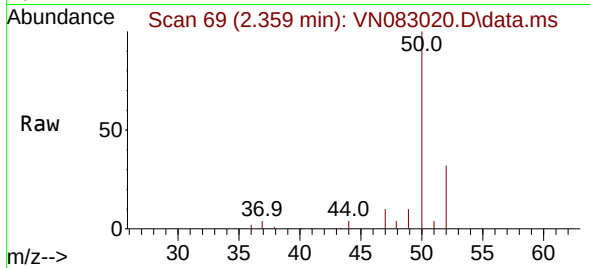




#3
Chloromethane
Concen: 41.477 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

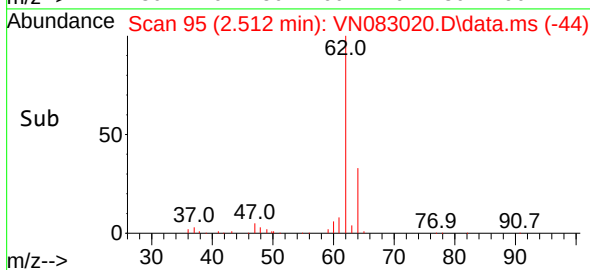
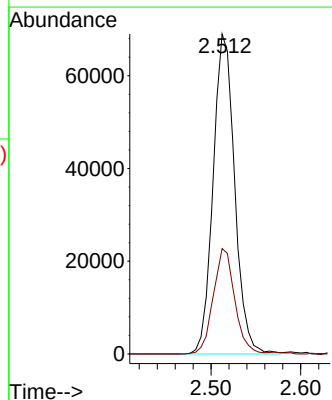
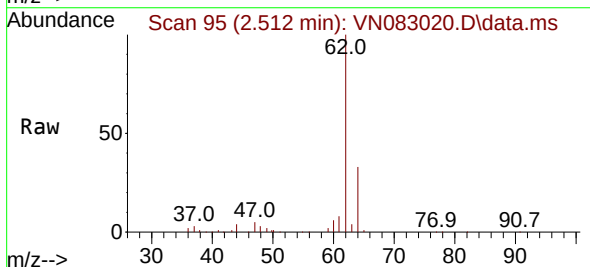
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ClientSampleId :
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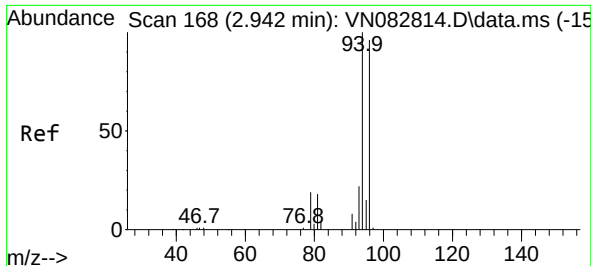
Tgt Ion: 50 Resp: 94596
Ion Ratio Lower Upper
50 100
52 31.9 25.0 37.4



#4
Vinyl Chloride
Concen: 48.018 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

Tgt Ion: 62 Resp: 115018
Ion Ratio Lower Upper
62 100
64 33.0 25.0 37.6

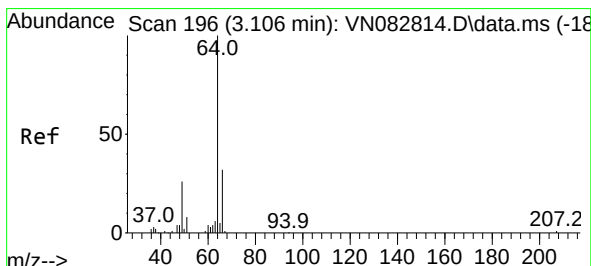
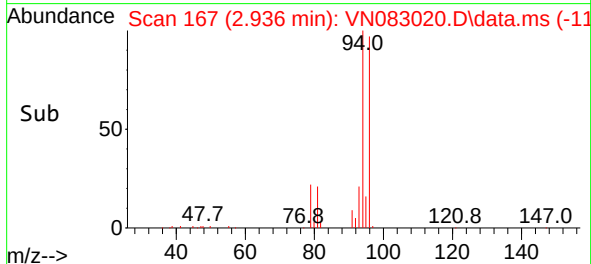
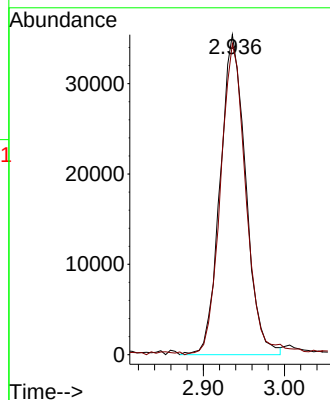
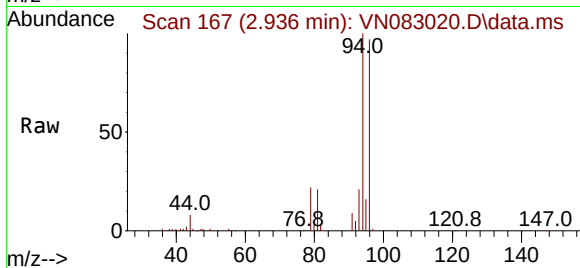




#5
Bromomethane
Concen: 44.785 ug/l
RT: 2.936 min Scan# 11
Delta R.T. -0.011 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

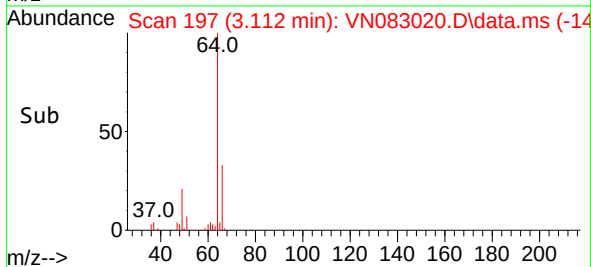
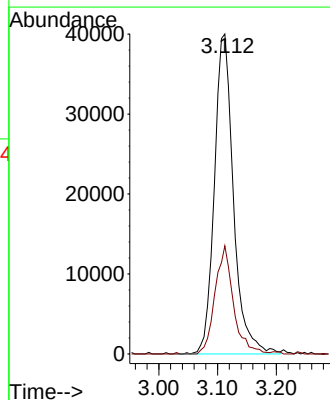
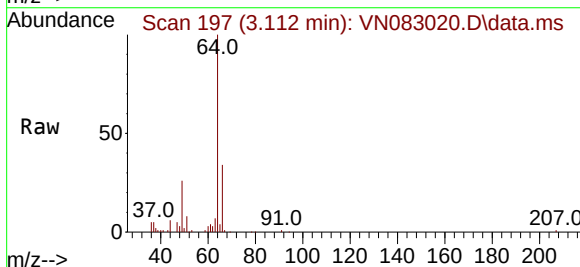
Instrument :
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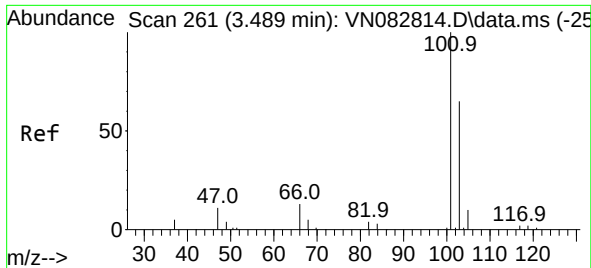
Tgt Ion: 94 Resp: 77344
Ion Ratio Lower Upper
94 100
96 96.3 78.0 117.0



#6
Chloroethane
Concen: 55.100 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

Tgt Ion: 64 Resp: 90317
Ion Ratio Lower Upper
64 100
66 33.8 26.6 40.0

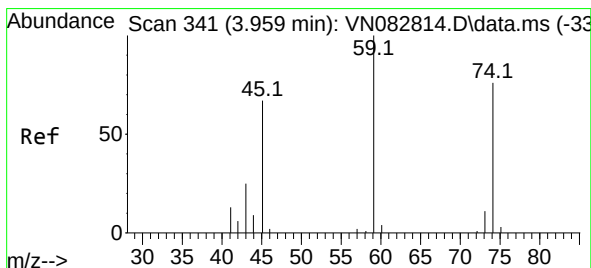
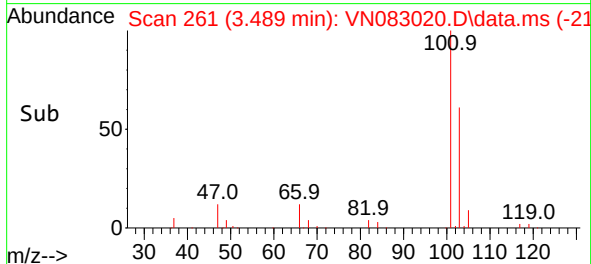
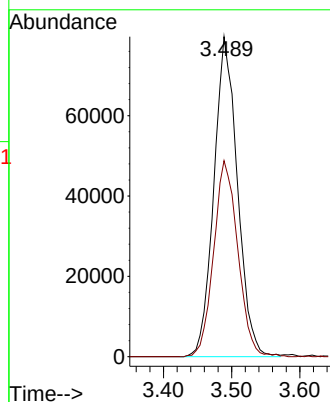
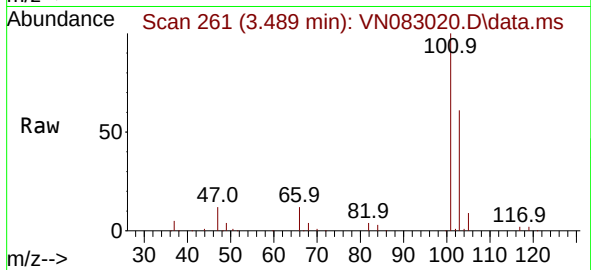




#7
Trichlorofluoromethane
Concen: 55.661 ug/l
RT: 3.489 min Scan# 210
Delta R.T. -0.005 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

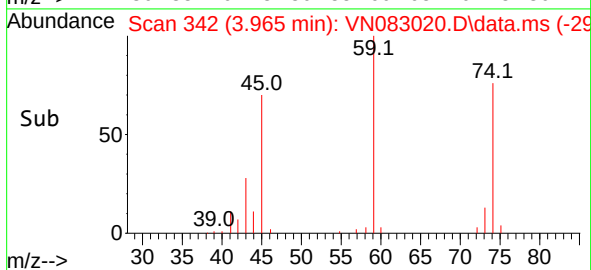
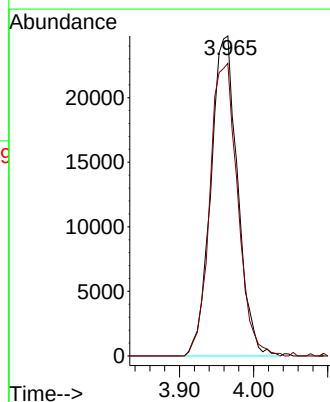
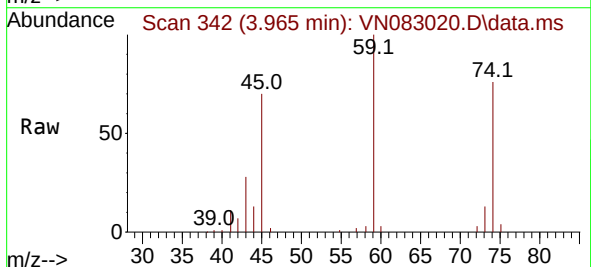
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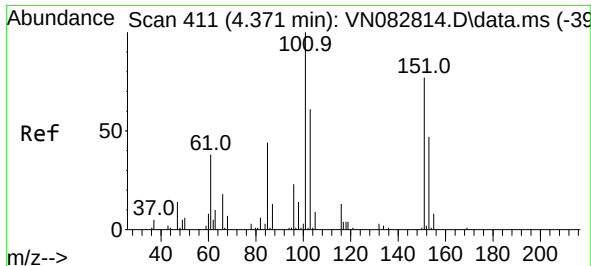
Tgt Ion:101 Resp: 191760
Ion Ratio Lower Upper
101 100
103 61.3 52.7 79.1



#8
Diethyl Ether
Concen: 52.638 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

Tgt Ion: 74 Resp: 62063
Ion Ratio Lower Upper
74 100
45 95.4 55.5 166.3

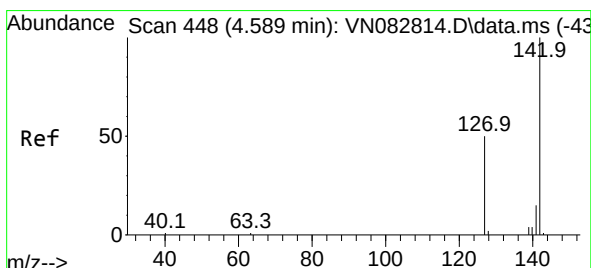
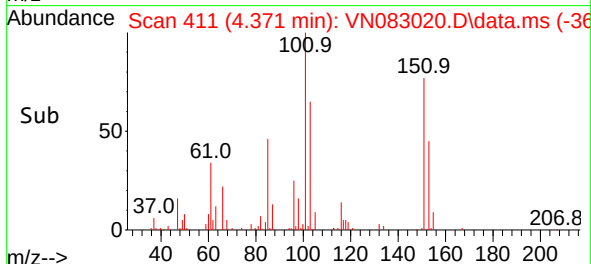
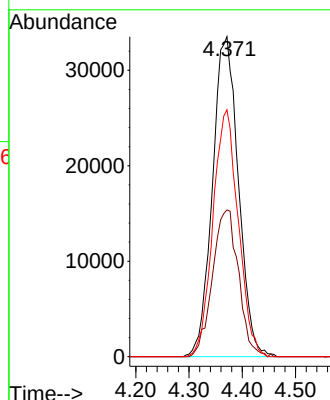
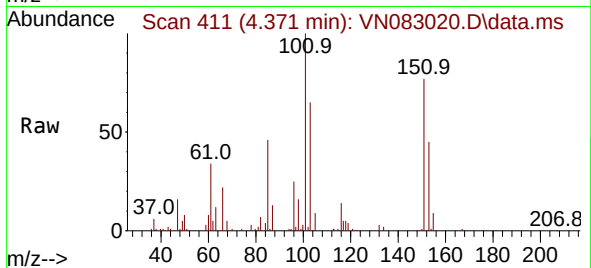




#9
1,1,2-Trichlorotrifluoroethane
Concen: 58.085 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN083020.D
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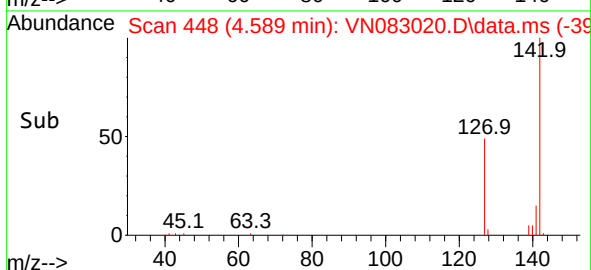
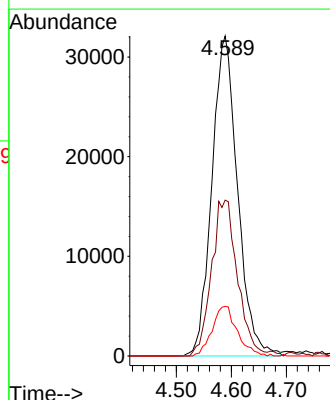
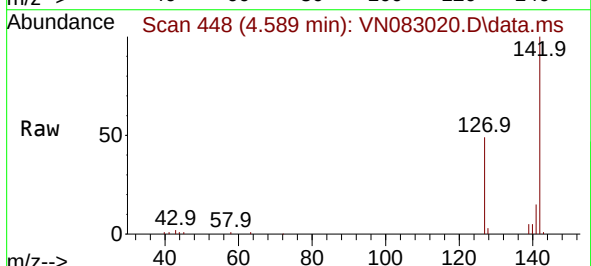
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ClientSampleId :
VSTDCCC050

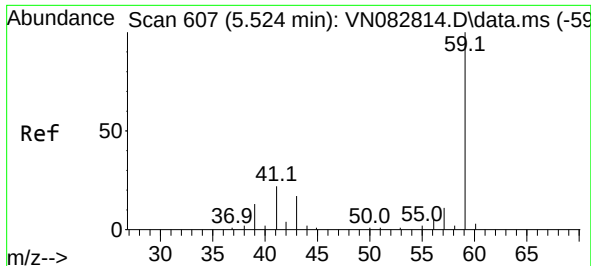
Tgt Ion:101 Resp: 113256
Ion Ratio Lower Upper
101 100
85 46.1 38.3 57.5
151 75.3 59.3 88.9



#10
Methyl Iodide
Concen: 52.166 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.001 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

Tgt Ion:142 Resp: 104283
Ion Ratio Lower Upper
142 100
127 48.7 37.5 56.3
141 15.5 13.1 19.7

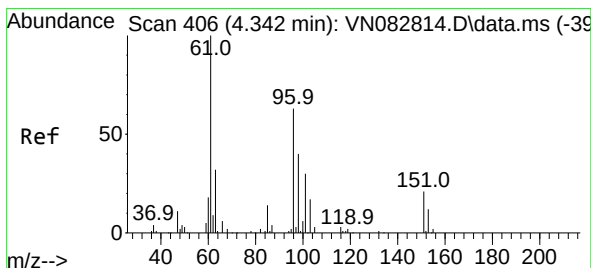
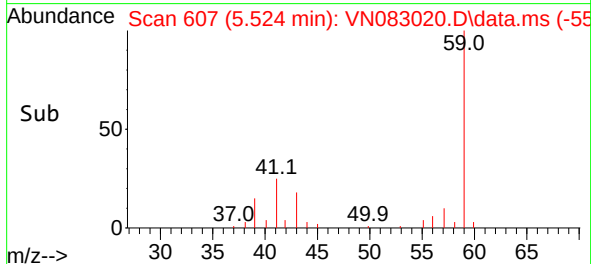
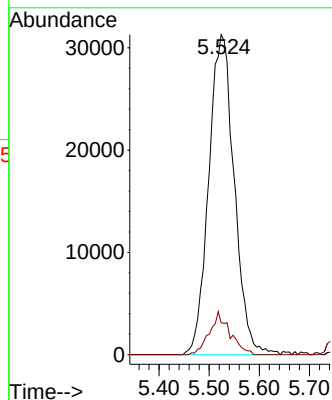
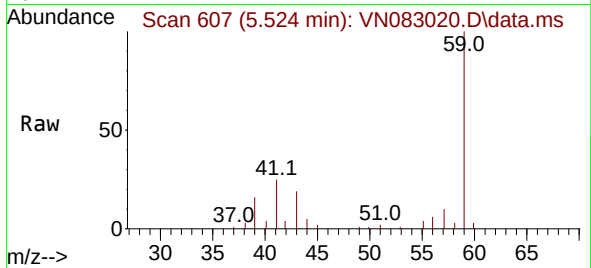




#11
Tert butyl alcohol
Concen: 252.761 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

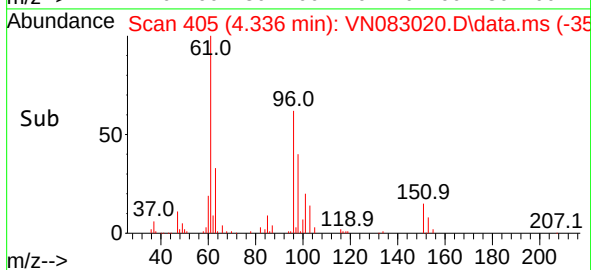
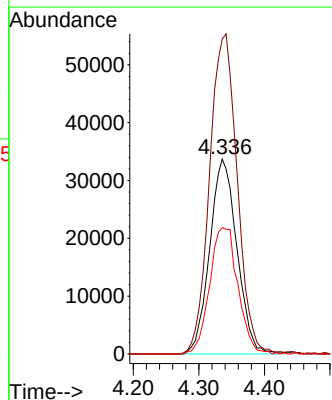
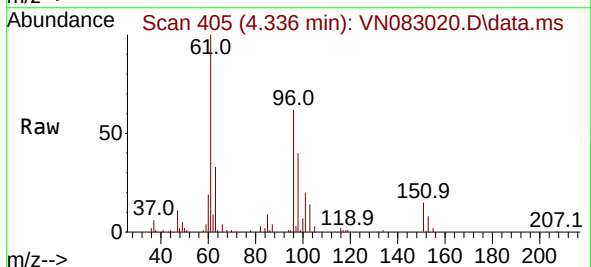
Instrument :
MSVOA_N
ClientSampleId :
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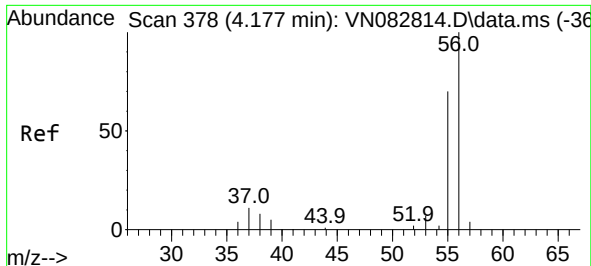
Tgt Ion: 59 Resp: 110701
Ion Ratio Lower Upper
59 100
57 10.8 8.9 13.3



#12
1,1-Dichloroethene
Concen: 51.204 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.005 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

Tgt Ion: 96 Resp: 97096
Ion Ratio Lower Upper
96 100
61 161.7 149.7 224.5
98 64.9 50.1 75.1

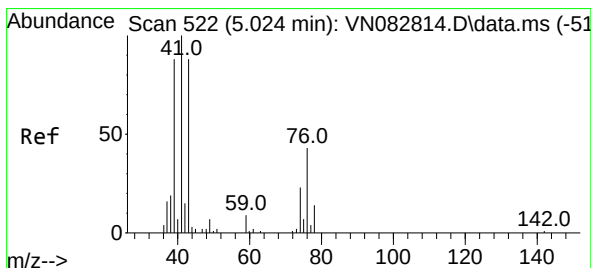
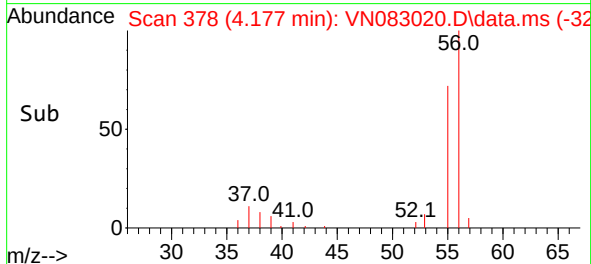
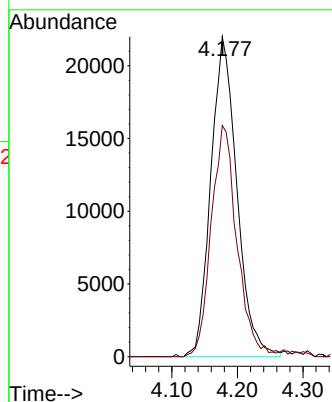
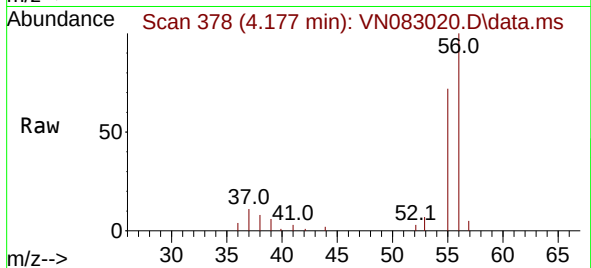




#13
Acrolein
Concen: 192.141 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

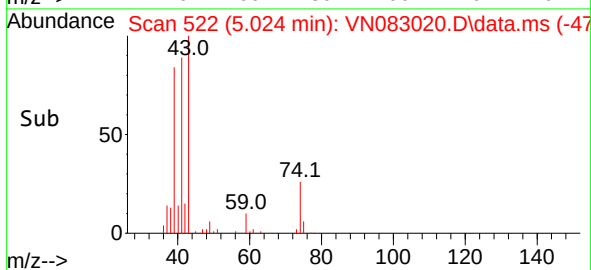
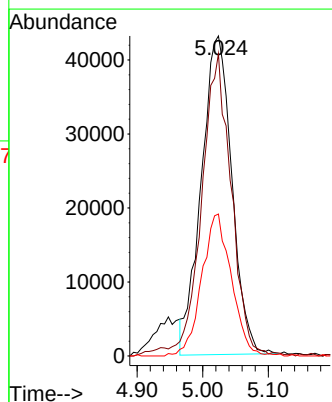
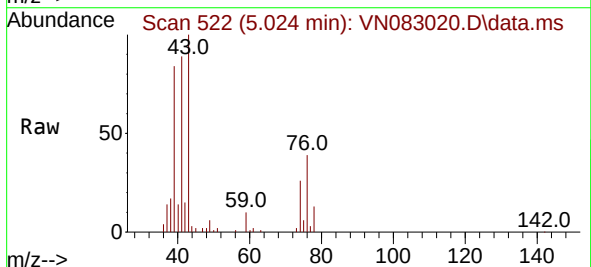
Instrument :
MSVOA_N
ClientSampleId :
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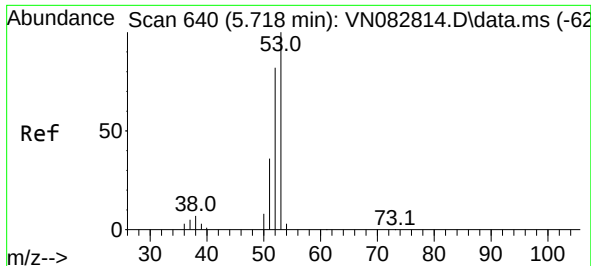
Tgt Ion: 56 Resp: 60755
Ion Ratio Lower Upper
56 100
55 71.2 56.4 84.6



#14
Allyl chloride
Concen: 47.181 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

Tgt Ion: 41 Resp: 139498
Ion Ratio Lower Upper
41 100
39 92.7 67.8 101.6
76 43.3 25.8 38.8#

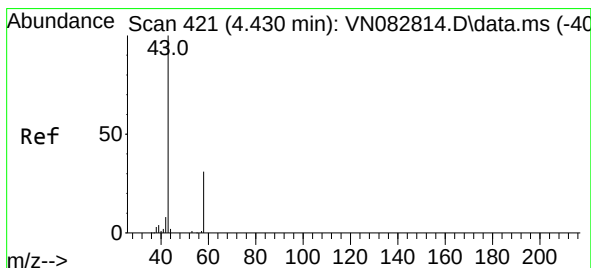
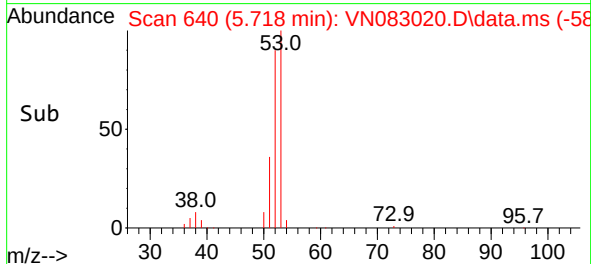
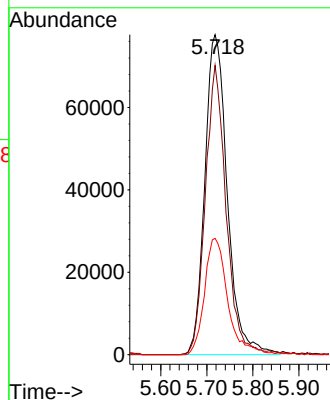
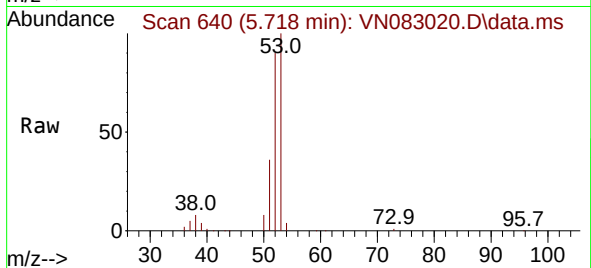




#15
Acrylonitrile
Concen: 262.558 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

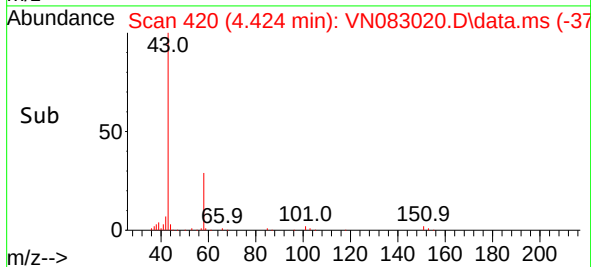
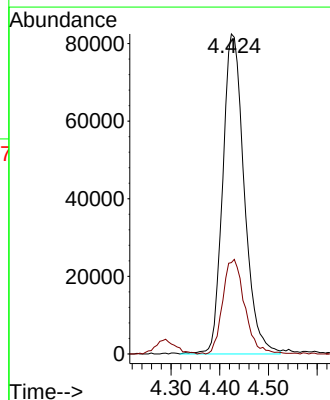
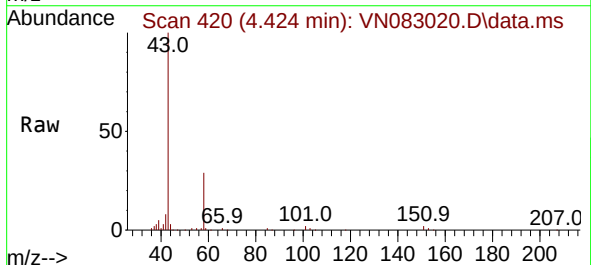
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

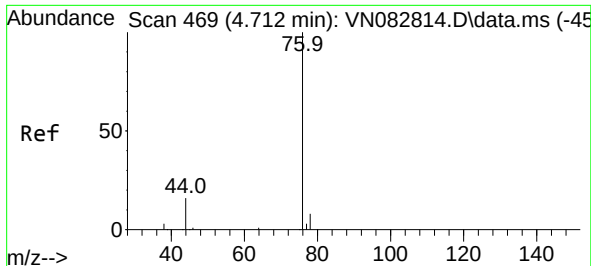
Tgt Ion: 53 Resp: 264269
Ion Ratio Lower Upper
53 100
52 83.8 66.6 100.0
51 37.5 30.1 45.1



#16
Acetone
Concen: 276.553 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

Tgt Ion: 43 Resp: 253538
Ion Ratio Lower Upper
43 100
58 28.0 21.8 32.6

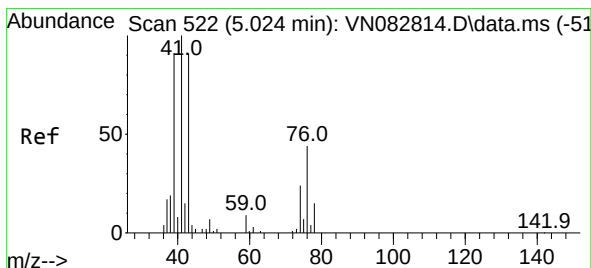
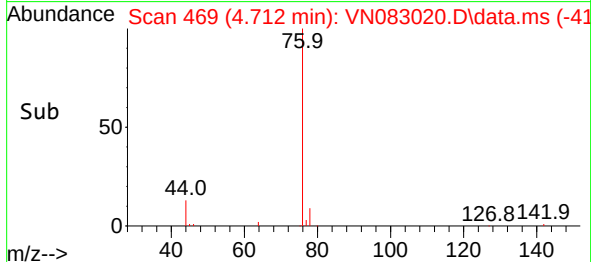
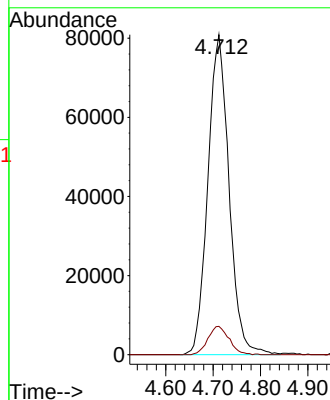
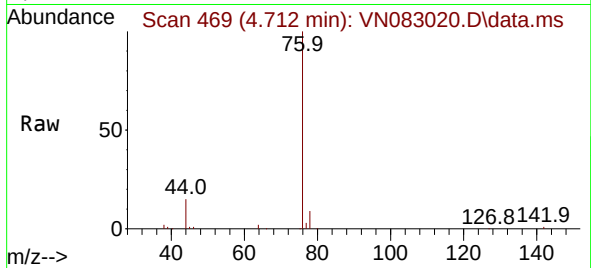




#17
Carbon Disulfide
Concen: 44.334 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

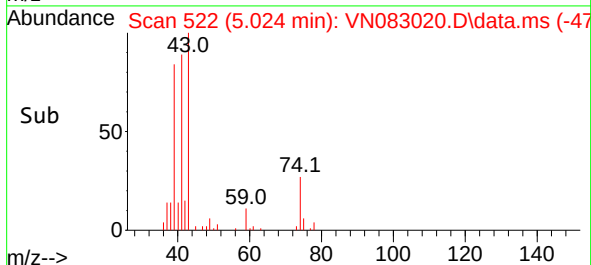
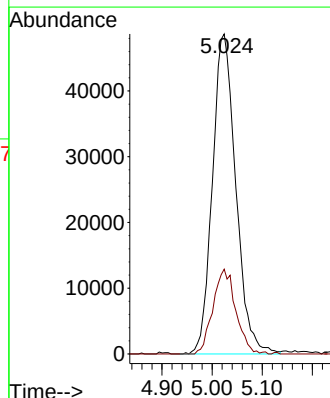
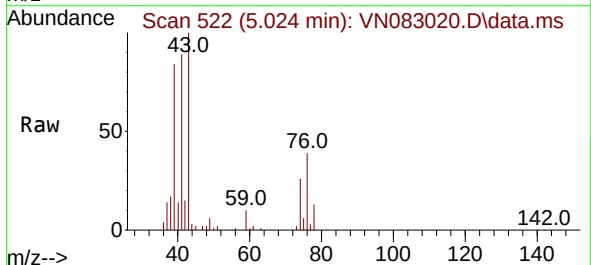
Instrument :
MSVOA_N
ClientSampleId :
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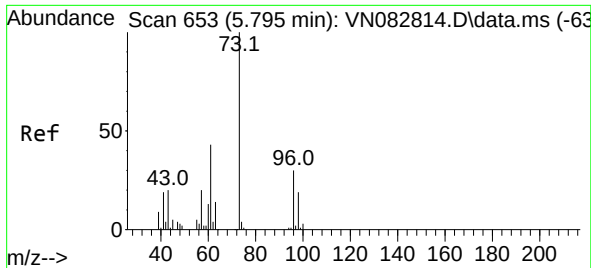
Tgt Ion: 76 Resp: 251216
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 65.043 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

Tgt Ion: 43 Resp: 157786
Ion Ratio Lower Upper
43 100
74 25.8 16.3 24.5#

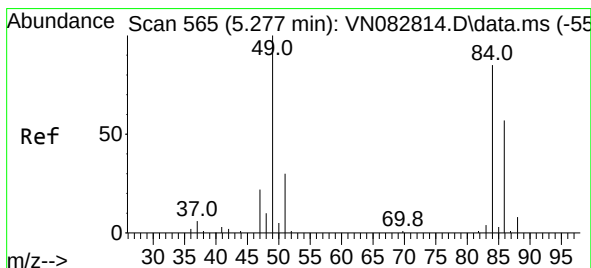
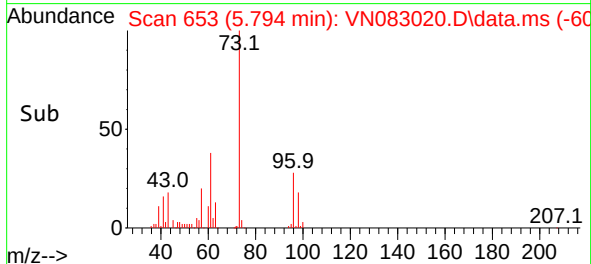
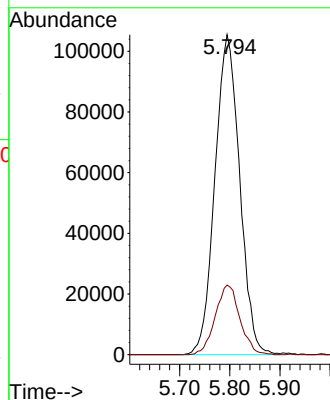
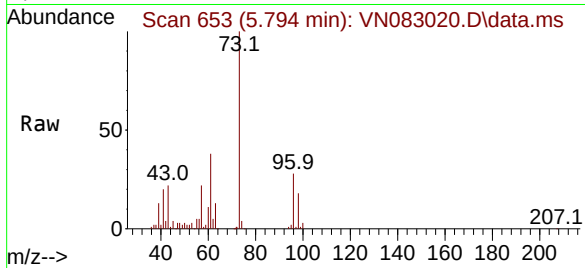




#19
Methyl tert-butyl Ether
Concen: 55.269 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

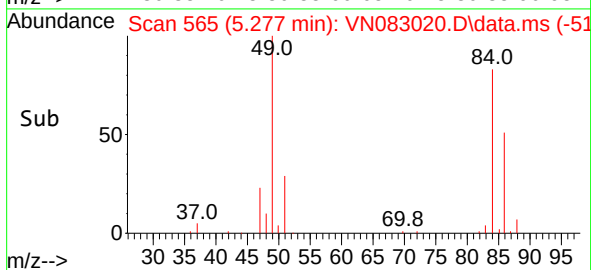
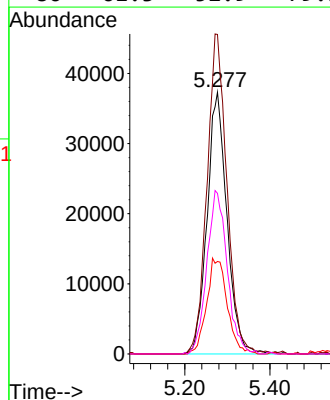
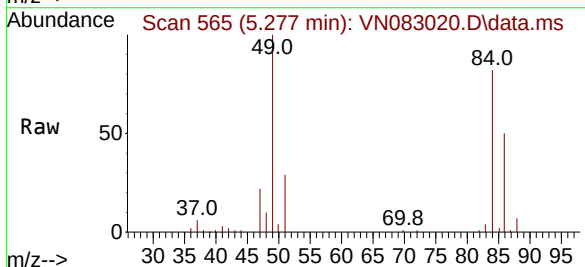
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

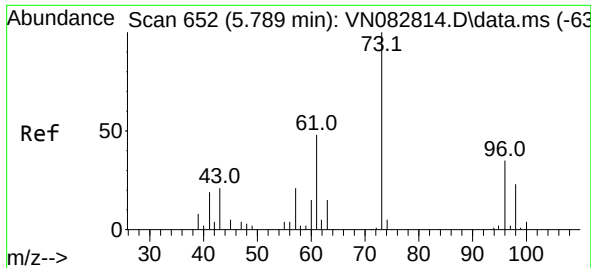
Tgt Ion: 73 Resp: 361528
Ion Ratio Lower Upper
73 100
57 21.8 17.9 26.9



#20
Methylene Chloride
Concen: 54.673 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

Tgt Ion: 84 Resp: 121048
Ion Ratio Lower Upper
84 100
49 122.0 119.6 179.4
51 35.3 34.8 52.2
86 61.3 52.9 79.3

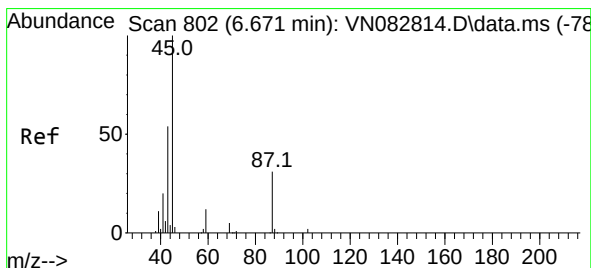
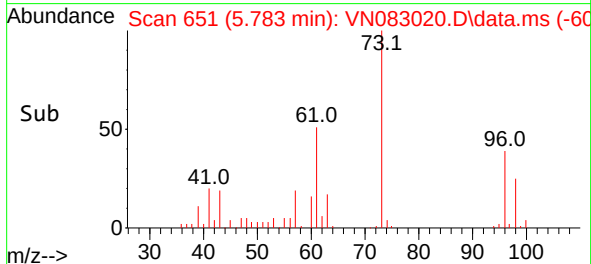
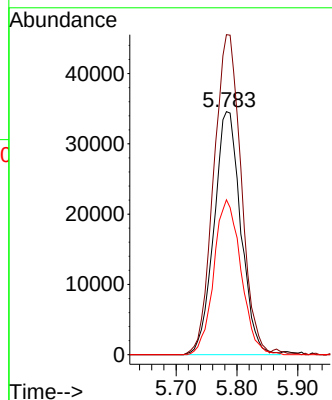
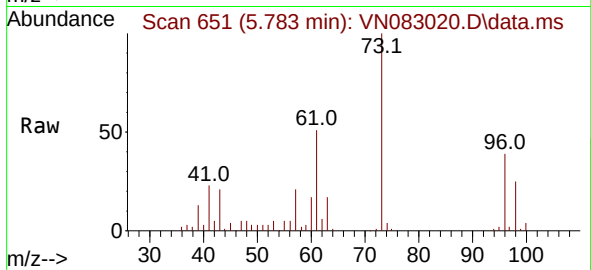




#21
trans-1,2-Dichloroethene
Concen: 51.436 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

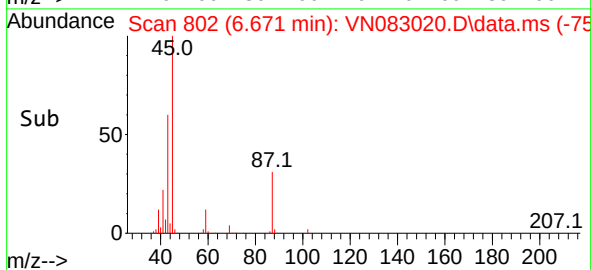
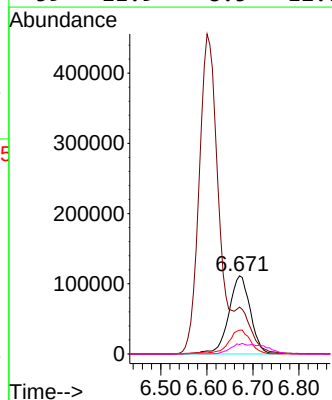
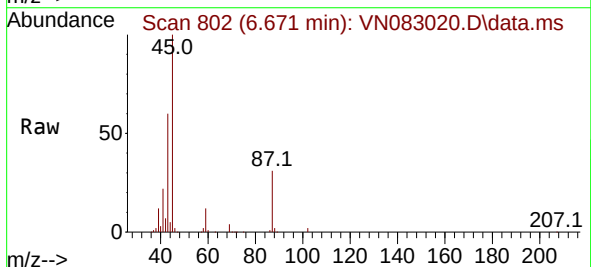
Instrument :
MSVOA_N
ClientSampleId :
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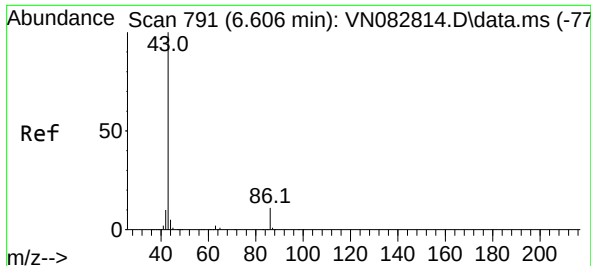
Tgt Ion: 96 Resp: 105684
Ion Ratio Lower Upper
96 100
61 131.6 123.4 185.2
98 63.7 49.3 73.9



#22
Diisopropyl ether
Concen: 58.461 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

Tgt Ion: 45 Resp: 361619
Ion Ratio Lower Upper
45 100
43 58.9 44.0 66.0
87 30.5 19.7 29.5#
59 11.9 8.5 12.7

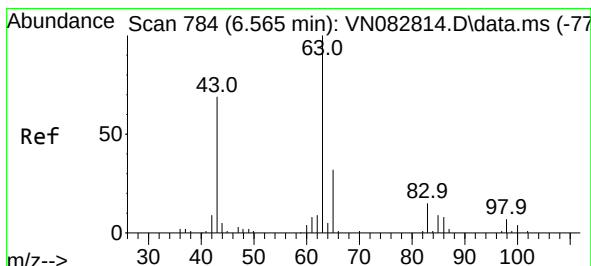
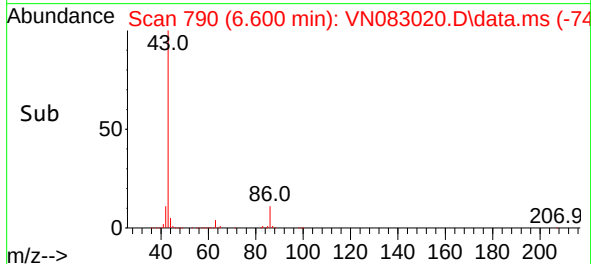
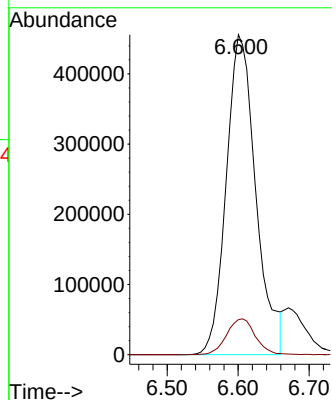
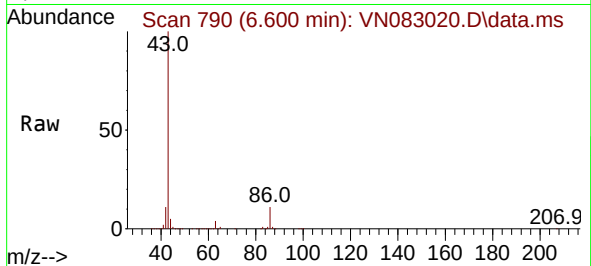




#23
 Vinyl Acetate
 Concen: 268.425 ug/l
 RT: 6.600 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN083020.D
 Acq: 24 Jul 2024 09:42

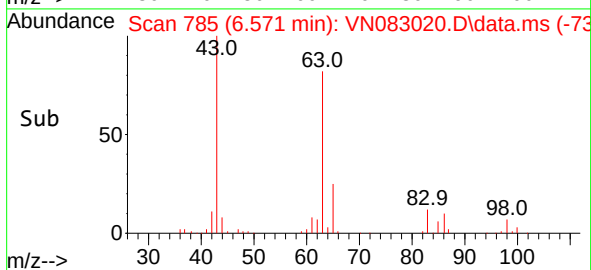
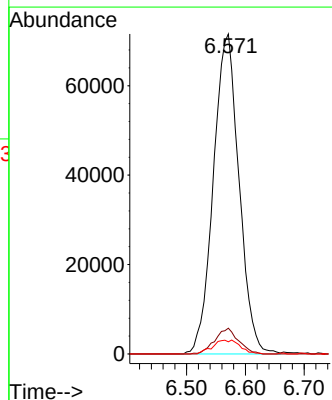
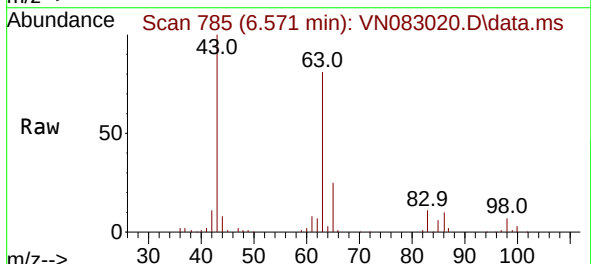
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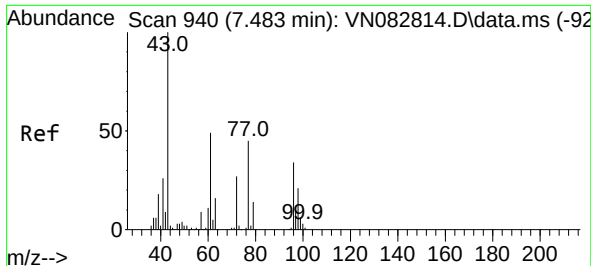
Tgt Ion: 43 Resp: 1318558
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.3 10.9#



#24
 1,1-Dichloroethane
 Concen: 57.860 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN083020.D
 Acq: 24 Jul 2024 09:42

Tgt Ion: 63 Resp: 217095
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.3 9.9
 100 3.8 2.0 6.0

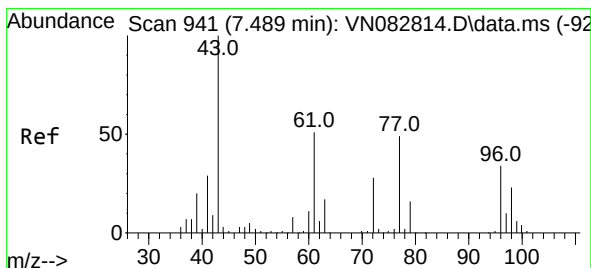
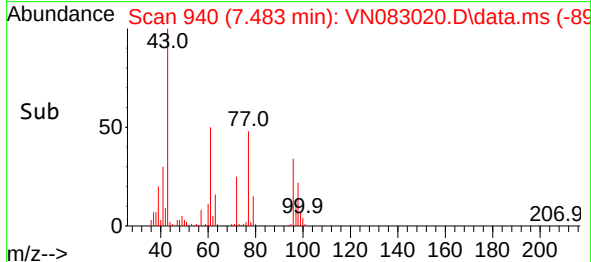
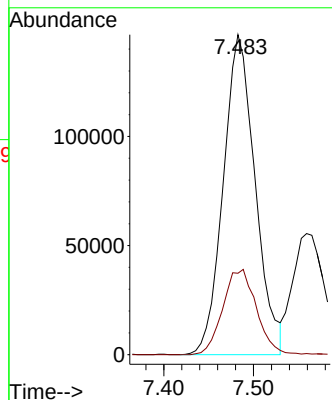
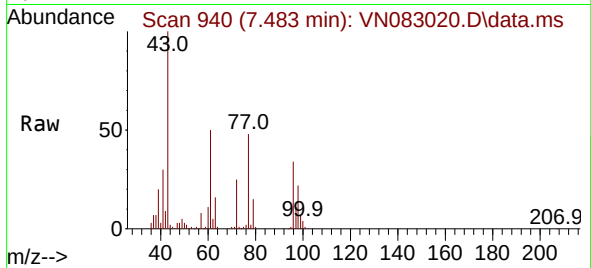




#25
2-Butanone
Concen: 261.627 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.005 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

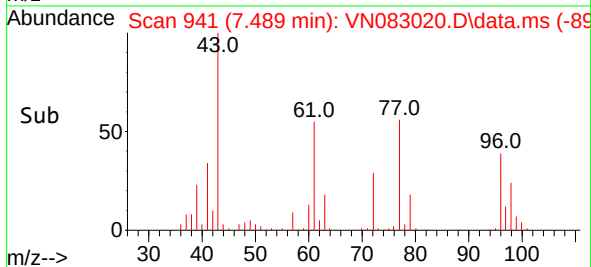
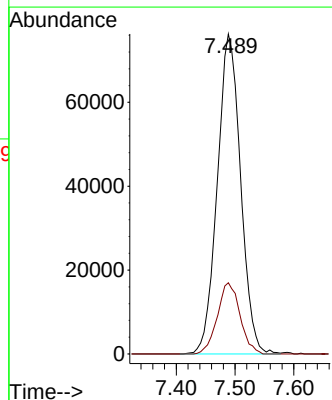
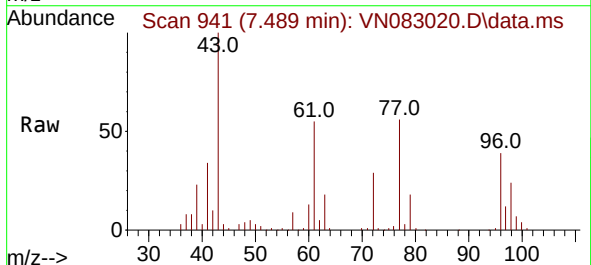
Instrument :
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ClientSampleId :
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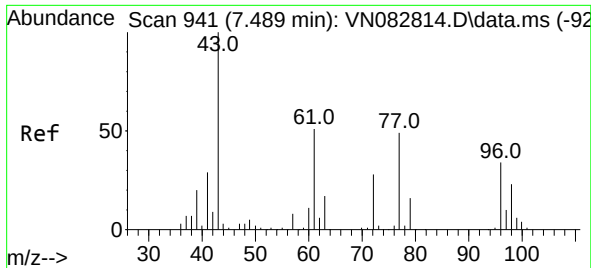
Tgt Ion: 43 Resp: 362167
Ion Ratio Lower Upper
43 100
72 25.5 18.2 27.2



#26
2,2-Dichloropropane
Concen: 60.139 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

Tgt Ion: 77 Resp: 209799
Ion Ratio Lower Upper
77 100
97 21.6 10.3 30.9



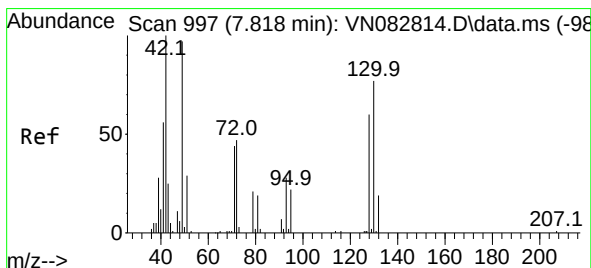
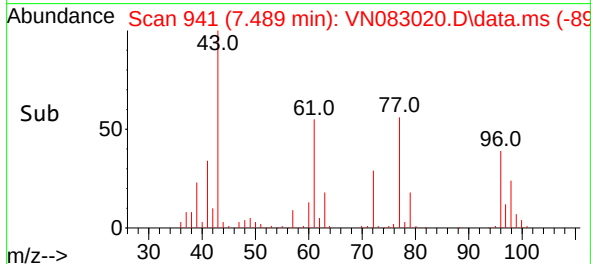
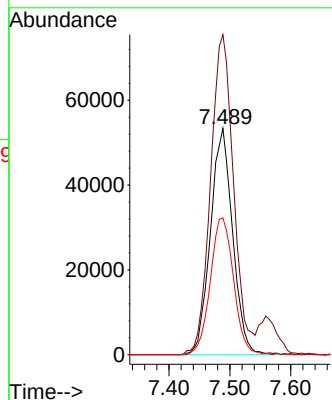
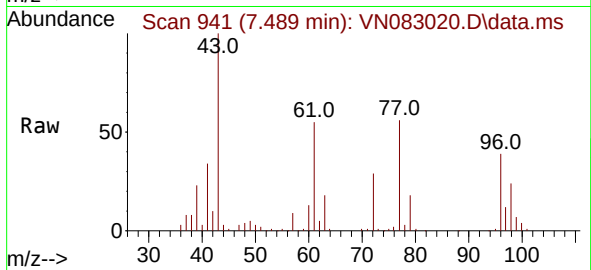


#27
 cis-1,2-Dichloroethene
 Concen: 56.330 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN083020.D
 Acq: 24 Jul 2024 09:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 135502

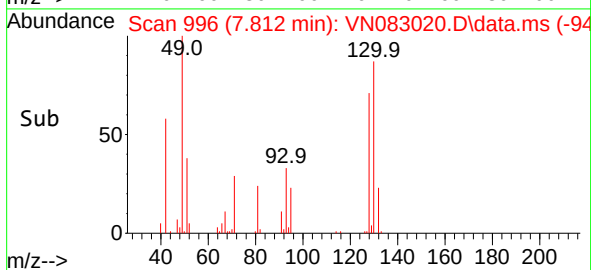
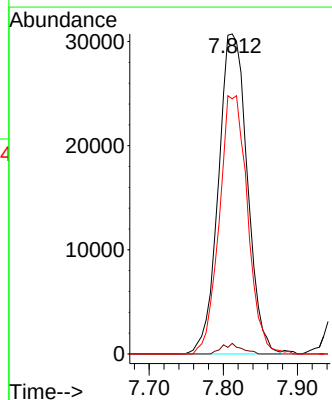
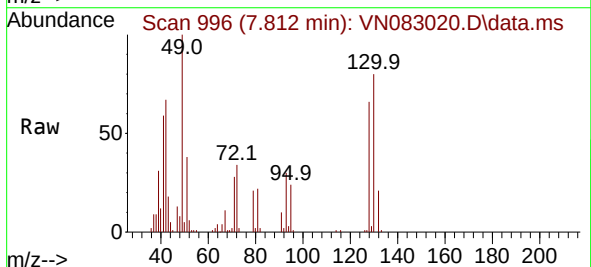
Ion	Ratio	Lower	Upper
96	100		
61	146.5	0.0	329.6
98	63.1	0.0	128.6

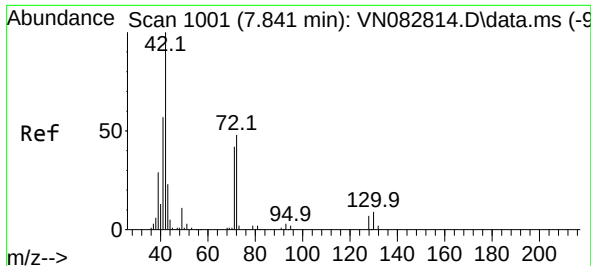


#28
 Bromochloromethane
 Concen: 51.690 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN083020.D
 Acq: 24 Jul 2024 09:42

Tgt Ion: 49 Resp: 83200

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	3.8
130	78.9	50.5	75.7#





#29

Tetrahydrofuran

Concen: 259.648 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN083020.D

Acq: 24 Jul 2024 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

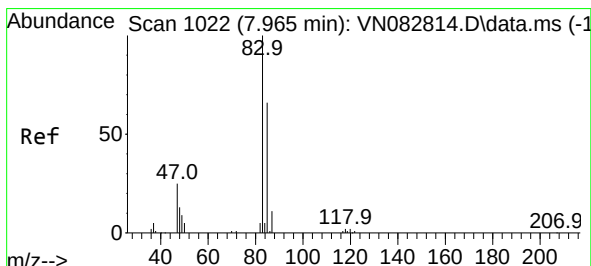
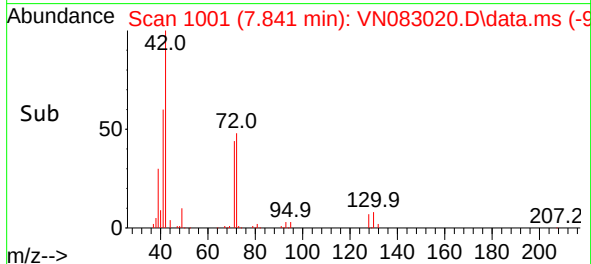
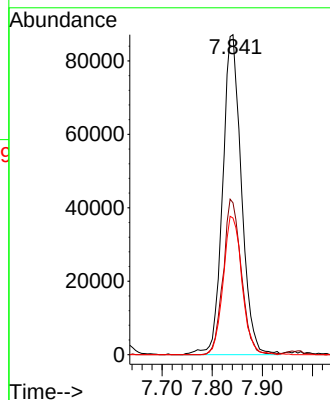
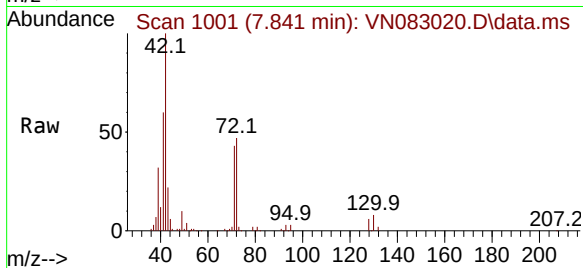
Tgt Ion: 42 Resp: 226279

Ion Ratio Lower Upper

42 100

72 46.9 30.0 45.0#

71 43.2 28.3 42.5#



#30

Chloroform

Concen: 59.886 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN083020.D

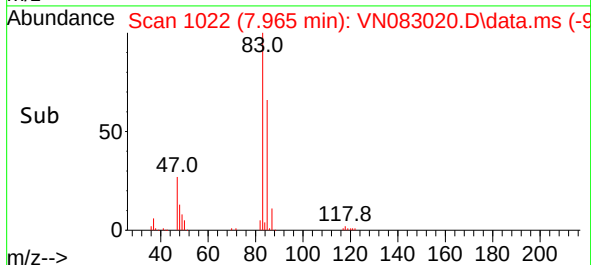
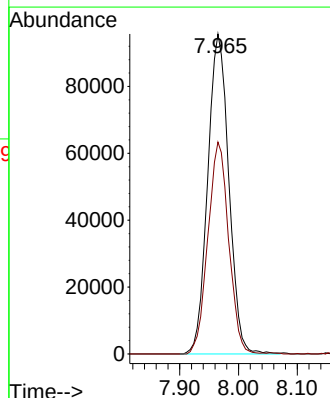
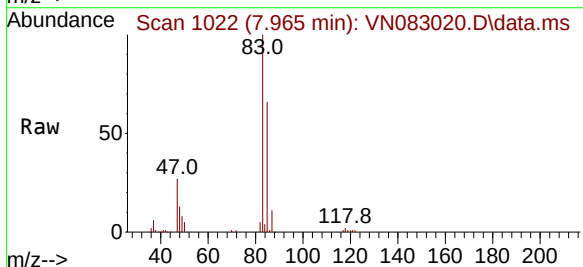
Acq: 24 Jul 2024 09:42

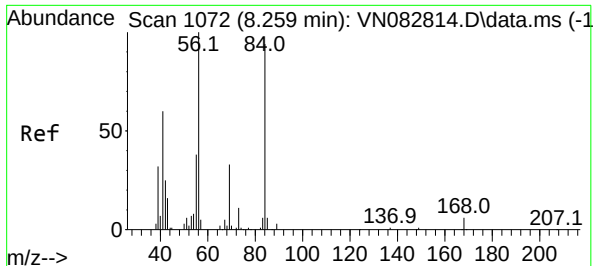
Tgt Ion: 83 Resp: 238372

Ion Ratio Lower Upper

83 100

85 66.2 50.9 76.3

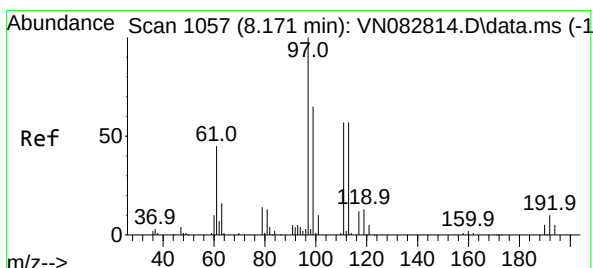
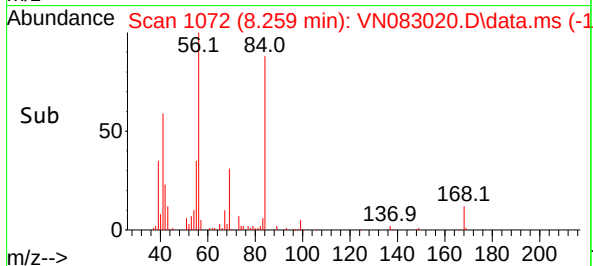
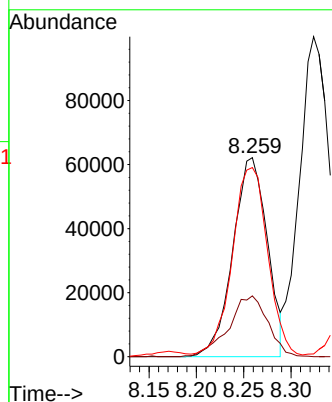
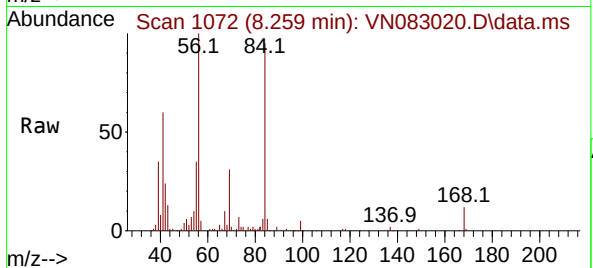




#31
Cyclohexane
Concen: 46.231 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

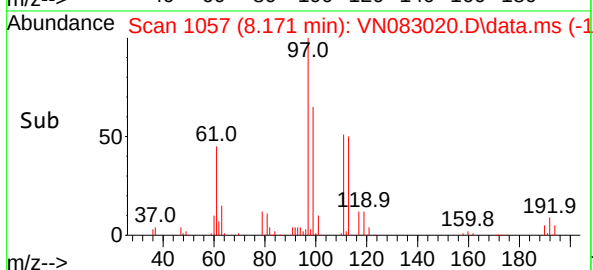
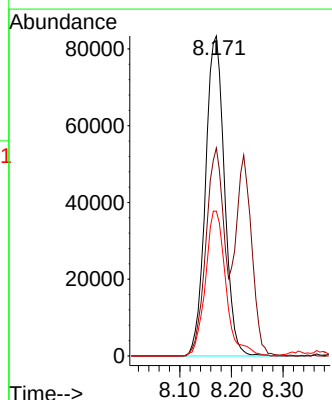
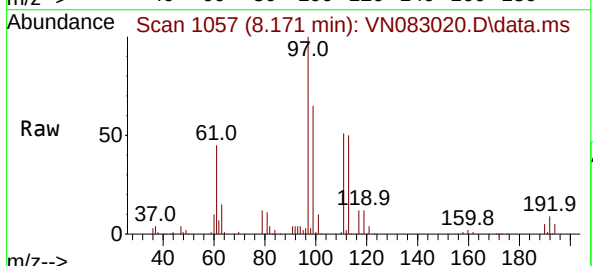
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

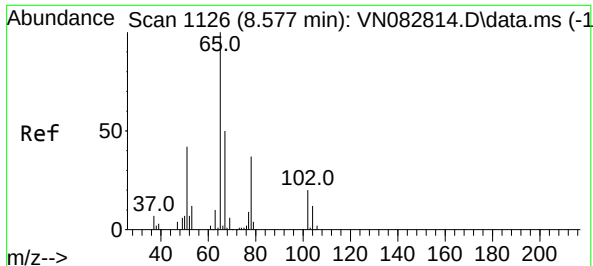
Tgt Ion:	56	Resp:	157386
Ion Ratio	Lower	Upper	
56	100		
69	30.5	24.5	36.7
84	93.0	66.0	99.0



#32
1,1,1-Trichloroethane
Concen: 57.468 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

Tgt Ion:	97	Resp:	212382
Ion Ratio	Lower	Upper	
97	100		
99	62.0	52.0	78.0
61	48.9	42.1	63.1





#33

1,2-Dichloroethane-d4

Concen: 47.177 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN083020.D

Acq: 24 Jul 2024 09:42

Instrument :

MSVOA_N

ClientSampleId :

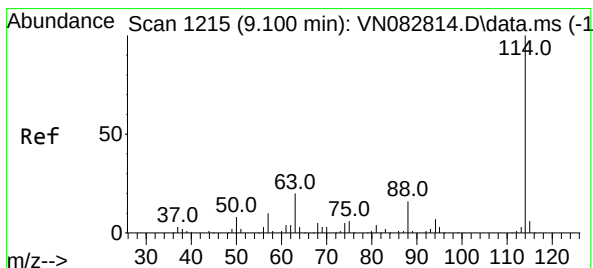
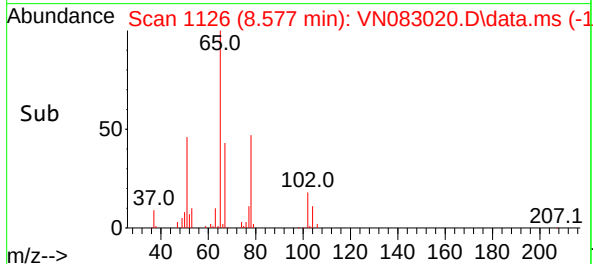
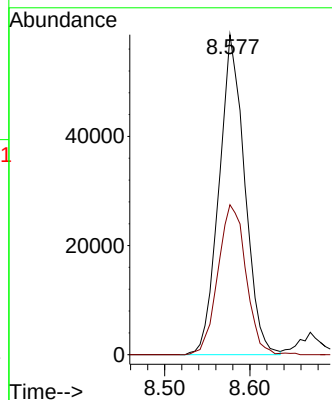
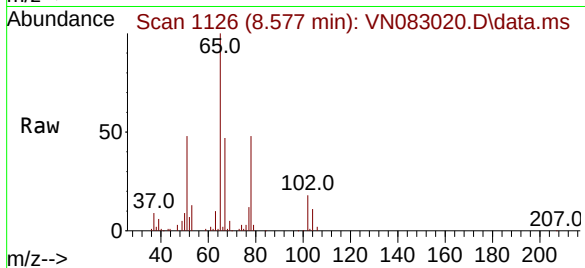
VSTDCCC050

Tgt Ion: 65 Resp: 122847

Ion Ratio Lower Upper

65 100

67 51.0 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN083020.D

Acq: 24 Jul 2024 09:42

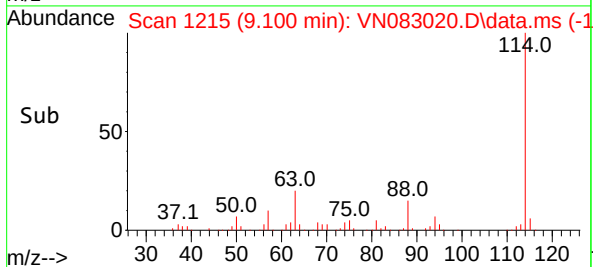
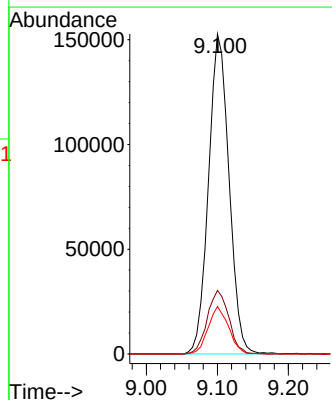
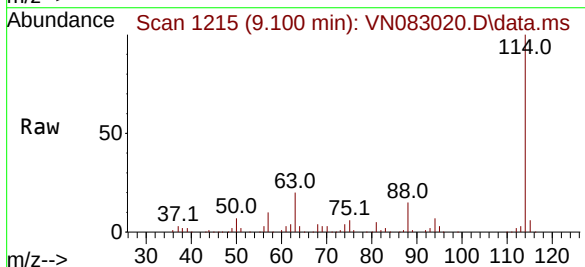
Tgt Ion: 114 Resp: 306610

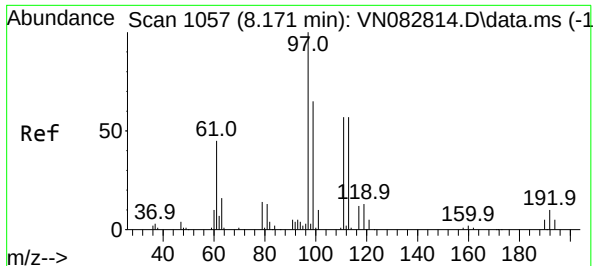
Ion Ratio Lower Upper

114 100

63 19.8 0.0 44.6

88 14.9 0.0 31.4

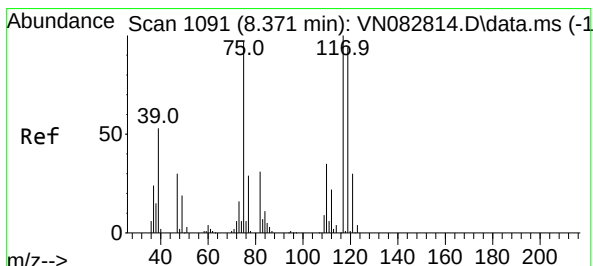
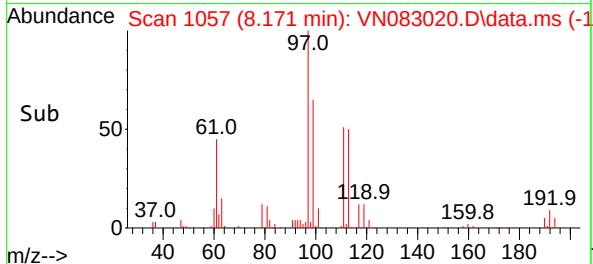
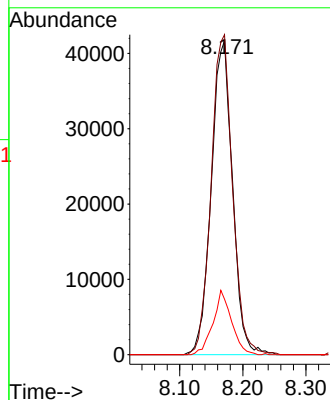
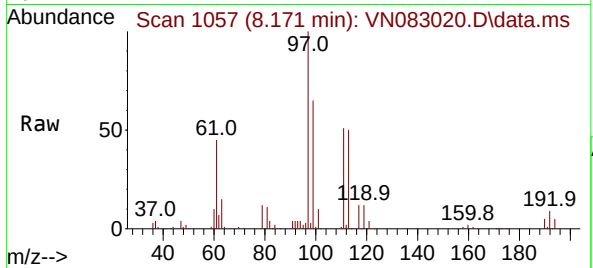




#35
Dibromofluoromethane
Concen: 49.614 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

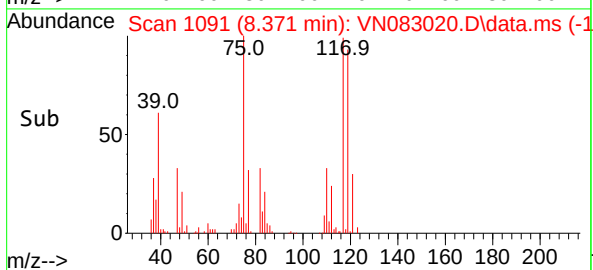
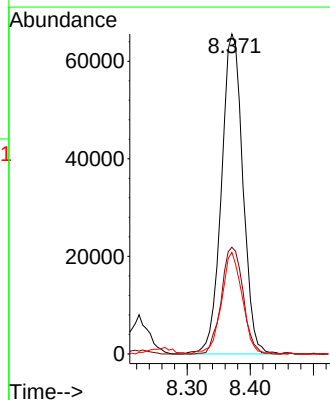
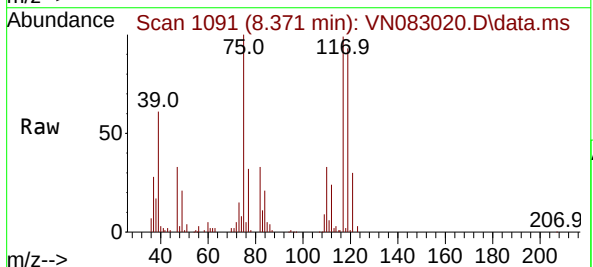
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

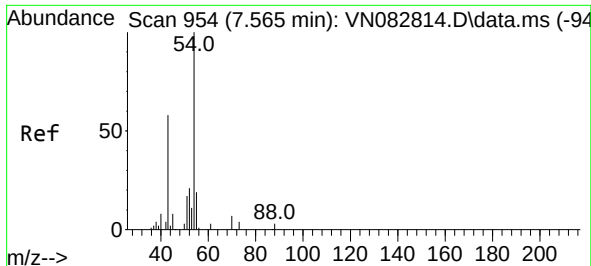
Tgt Ion:113 Resp: 97613
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 17.8 14.9 22.3



#36
1,1-Dichloropropene
Concen: 56.959 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

Tgt Ion: 75 Resp: 154507
Ion Ratio Lower Upper
75 100
110 34.0 16.3 48.9
77 30.9 24.6 37.0

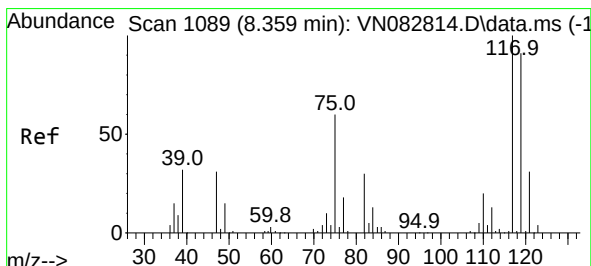
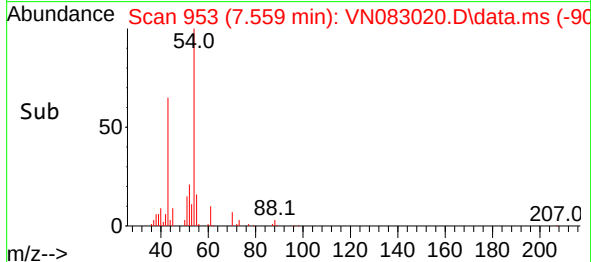
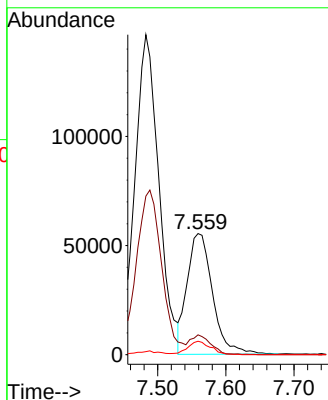
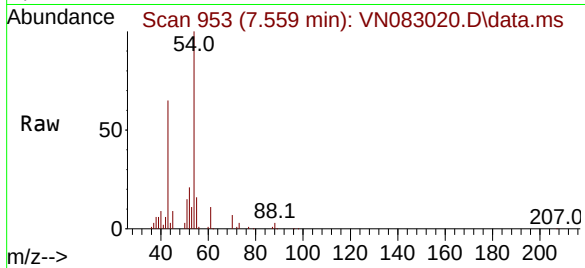




#37
Ethyl Acetate
Concen: 51.675 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

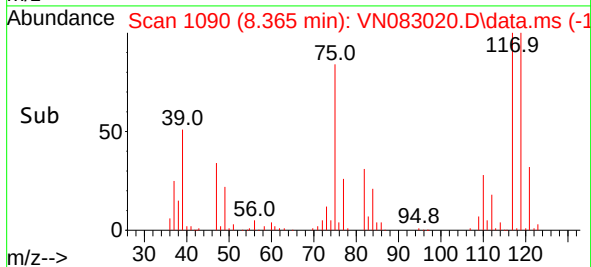
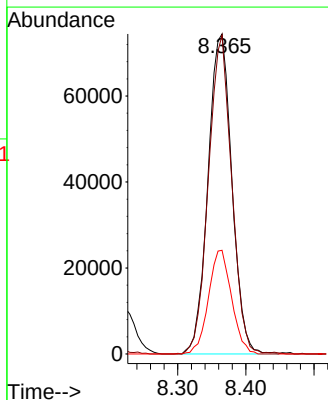
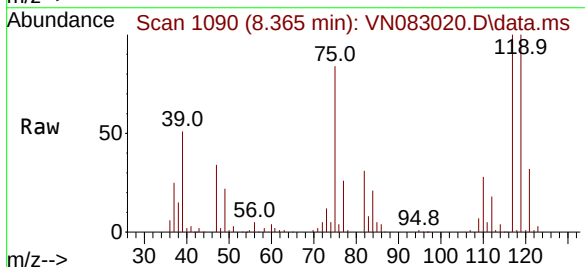
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

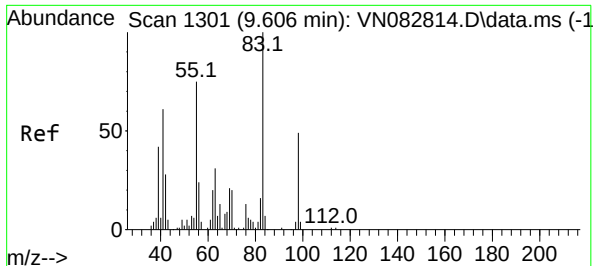
Tgt Ion: 43 Resp: 142710
Ion Ratio Lower Upper
43 100
61 13.3 9.3 13.9
70 10.1 7.0 10.6



#38
Carbon Tetrachloride
Concen: 55.649 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

Tgt Ion: 117 Resp: 181753
Ion Ratio Lower Upper
117 100
119 99.4 74.9 112.3
121 32.4 24.3 36.5





#39

Methylcyclohexane

Concen: 51.786 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. 0.000 min

Lab File: VN083020.D

Acq: 24 Jul 2024 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

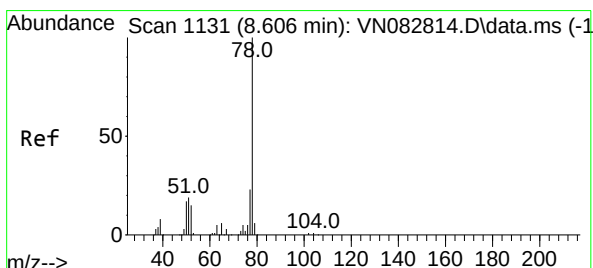
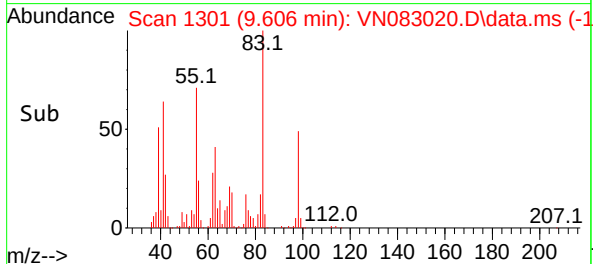
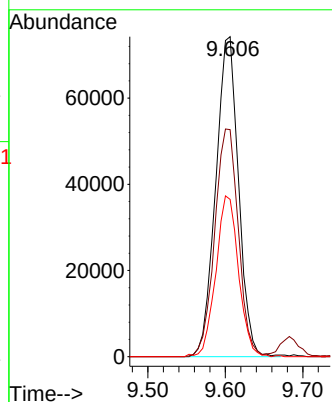
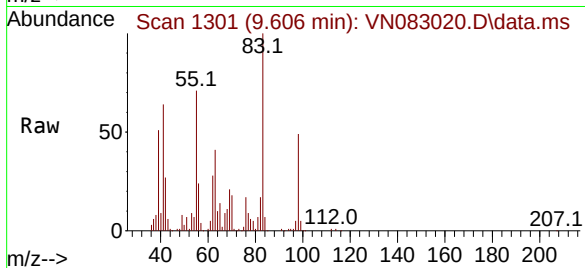
Tgt Ion: 83 Resp: 151738

Ion Ratio Lower Upper

83 100

55 71.0 66.4 99.6

98 49.1 40.7 61.1



#40

Benzene

Concen: 57.920 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN083020.D

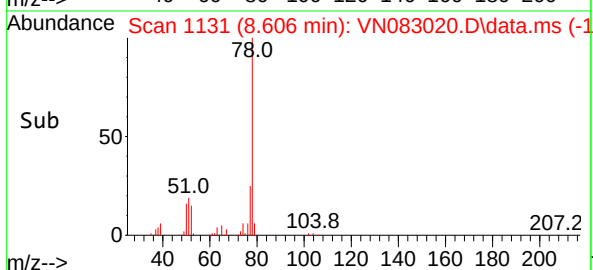
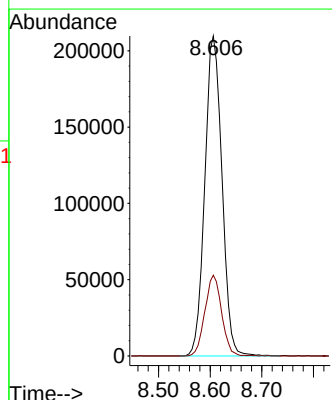
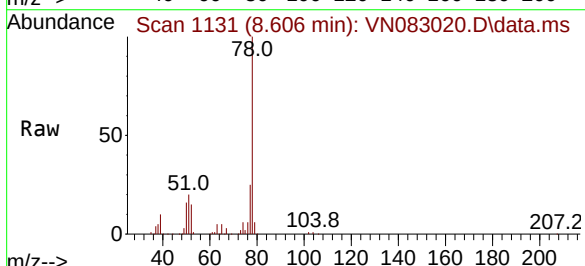
Acq: 24 Jul 2024 09:42

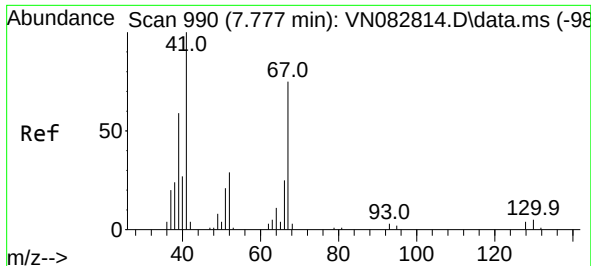
Tgt Ion: 78 Resp: 483282

Ion Ratio Lower Upper

78 100

77 25.3 19.0 28.4

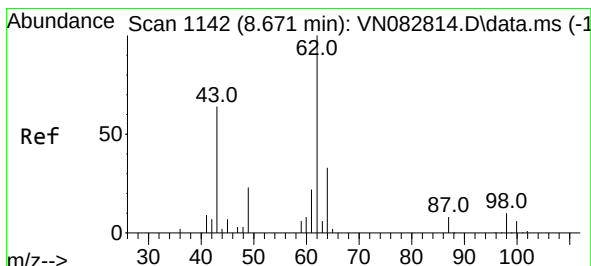
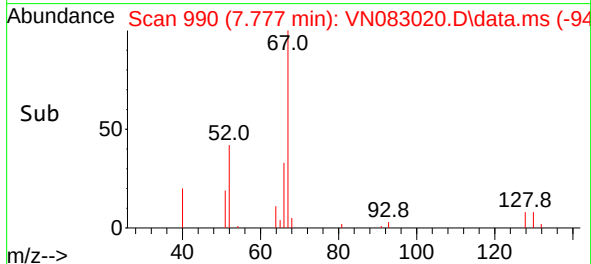
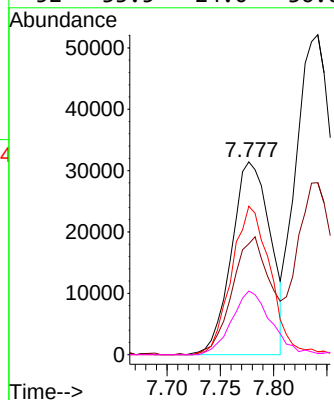
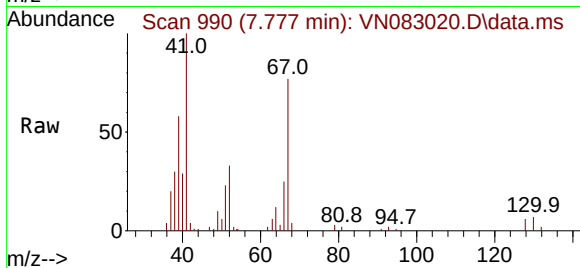




#41
Methacrylonitrile
Concen: 53.463 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.005 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

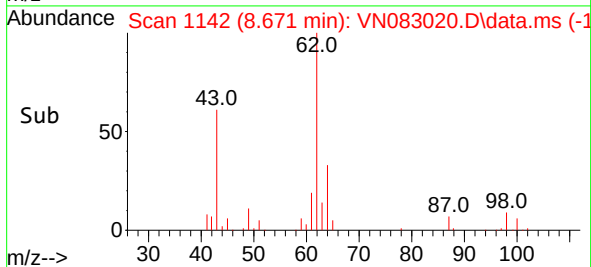
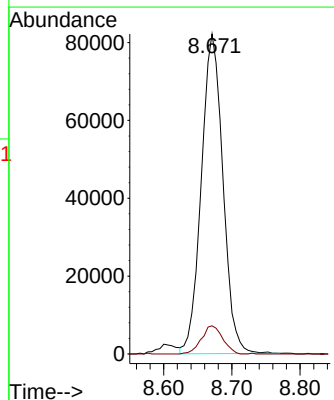
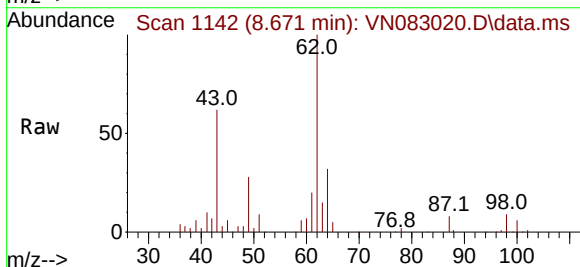
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

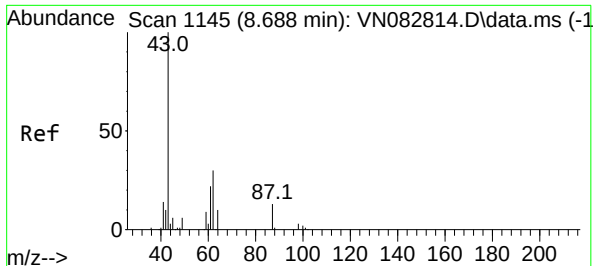
Tgt Ion: 41	Resp: 79543
Ion Ratio	Lower Upper
41 100	
39 60.3	45.5 68.3
67 77.2	50.5 75.7#
52 33.5	24.0 36.0



#42
1,2-Dichloroethane
Concen: 60.255 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

Tgt Ion: 62	Resp: 180997
Ion Ratio	Lower Upper
62 100	
98 8.7	0.0 15.8

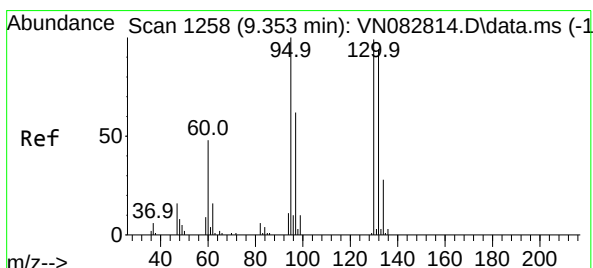
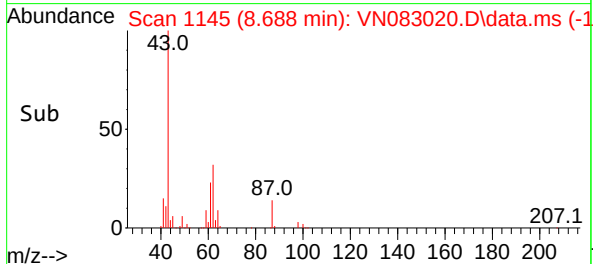
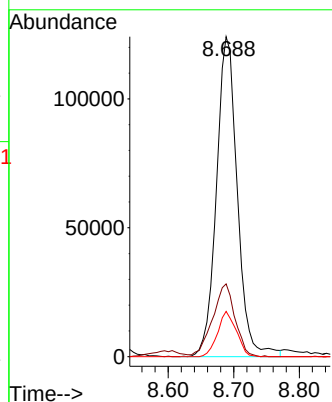
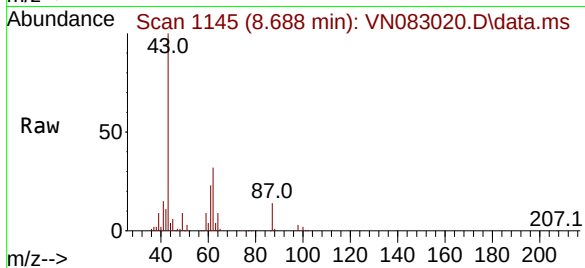




#43
Isopropyl Acetate
Concen: 52.847 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

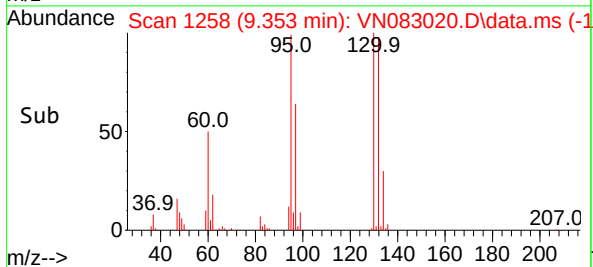
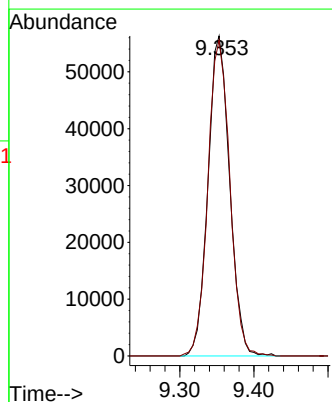
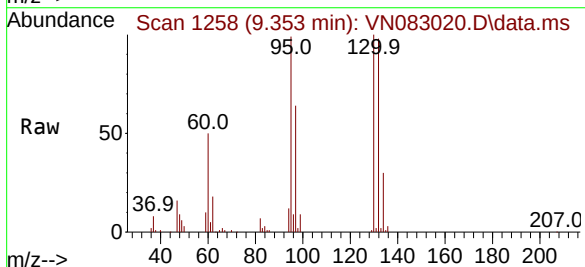
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

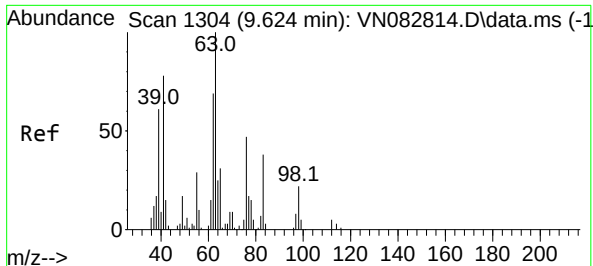
Tgt Ion: 43 Resp: 274310
Ion Ratio Lower Upper
43 100
61 24.3 17.8 26.6
87 12.6 8.2 12.2#



#44
Trichloroethene
Concen: 53.593 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

Tgt Ion:130 Resp: 114565
Ion Ratio Lower Upper
130 100
95 98.6 0.0 197.8





#45

1,2-Dichloropropane

Concen: 64.175 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.005 min

Lab File: VN083020.D

Acq: 24 Jul 2024 09:42

Instrument :

MSVOA_N

ClientSampleId :

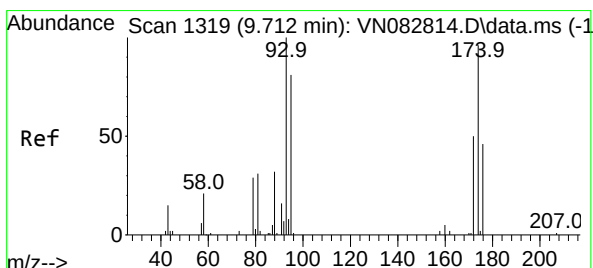
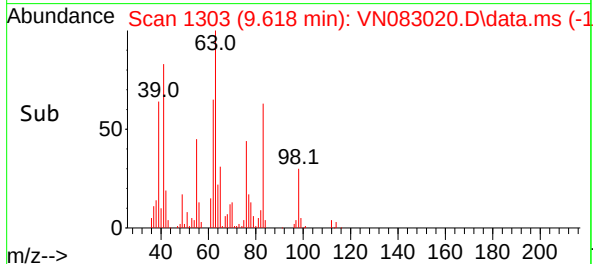
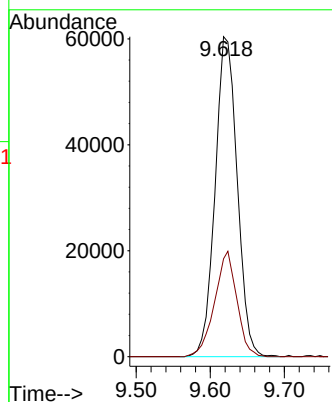
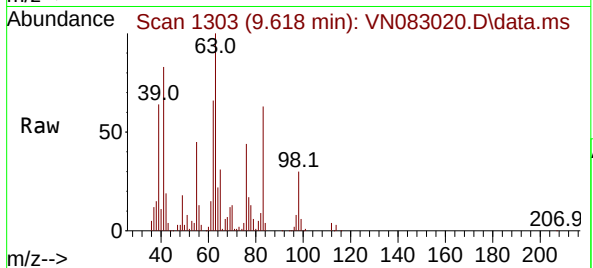
VSTDCCC050

Tgt Ion: 63 Resp: 125014

Ion Ratio Lower Upper

63 100

65 30.6 24.4 36.6



#46

Dibromomethane

Concen: 59.883 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN083020.D

Acq: 24 Jul 2024 09:42

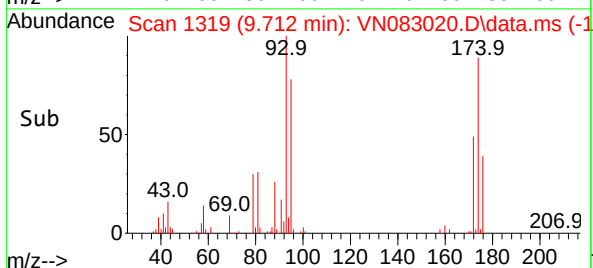
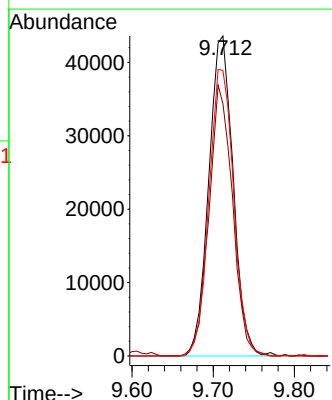
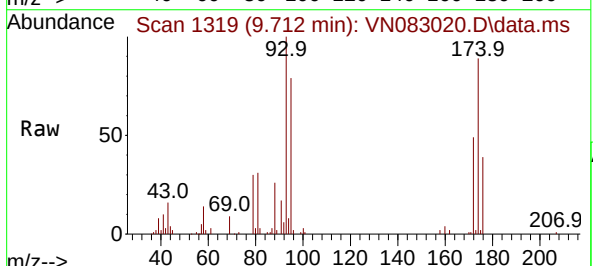
Tgt Ion: 93 Resp: 90879

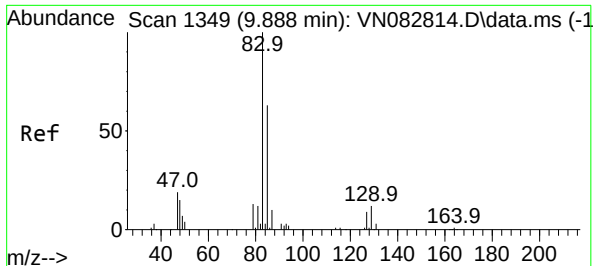
Ion Ratio Lower Upper

93 100

95 81.9 65.8 98.6

174 90.9 71.7 107.5

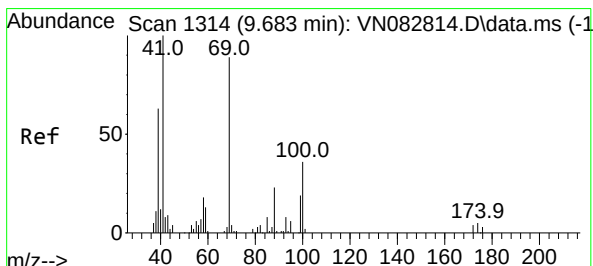
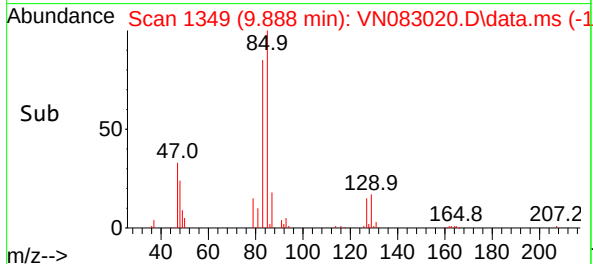
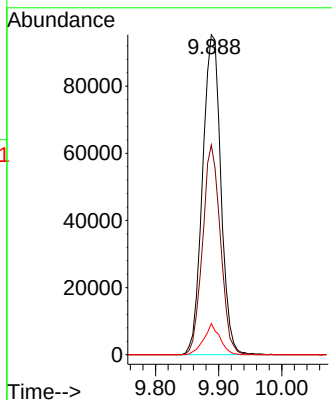
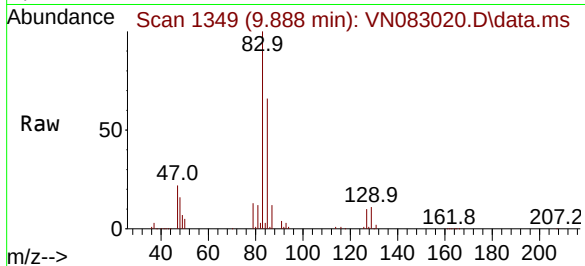




#47
Bromodichloromethane
Concen: 61.256 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

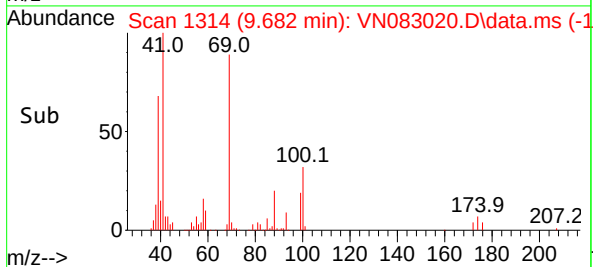
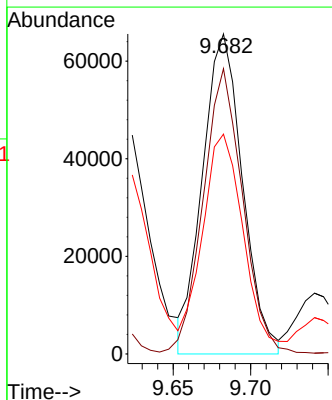
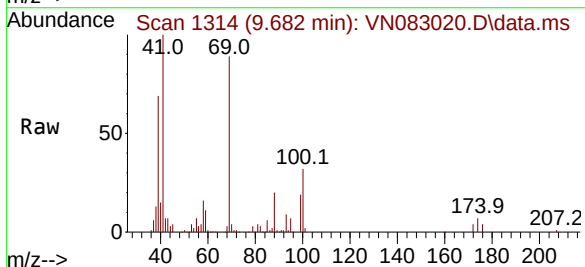
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

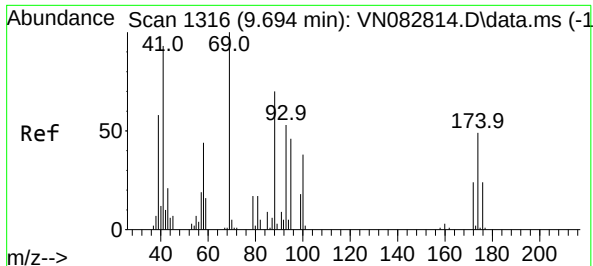
Tgt Ion: 83 Resp: 192080
Ion Ratio Lower Upper
83 100
85 65.5 51.1 76.7
127 9.7 7.2 10.8



#48
Methyl methacrylate
Concen: 54.424 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

Tgt Ion: 41 Resp: 117852
Ion Ratio Lower Upper
41 100
69 87.4 56.3 84.5
39 71.2 50.3 75.5

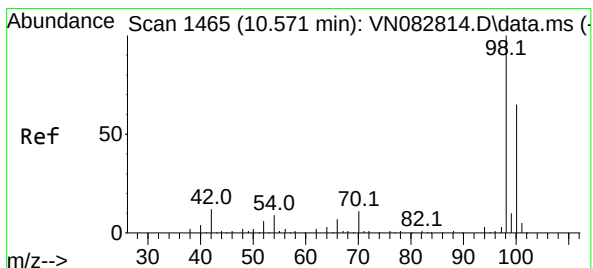
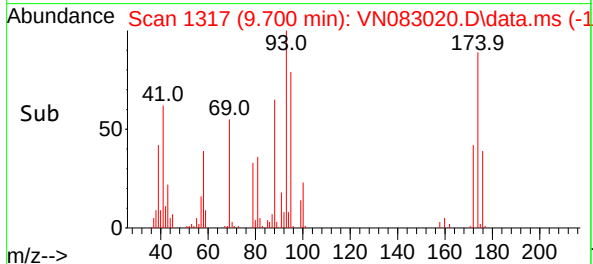
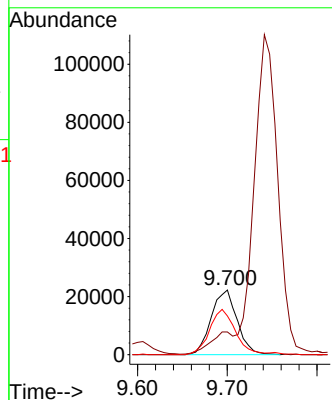
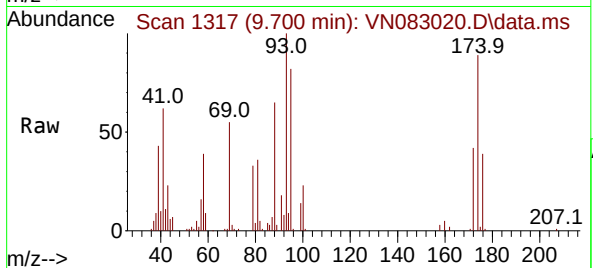




#49
1,4-Dioxane
Concen: 944.553 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

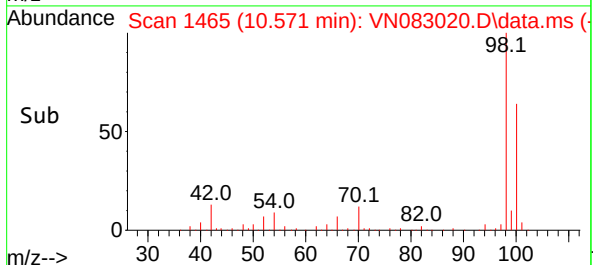
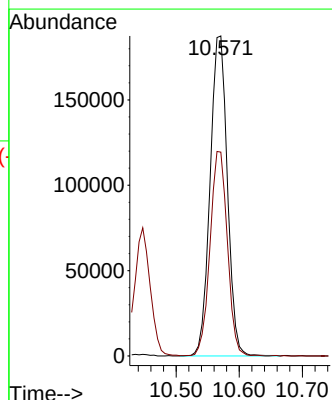
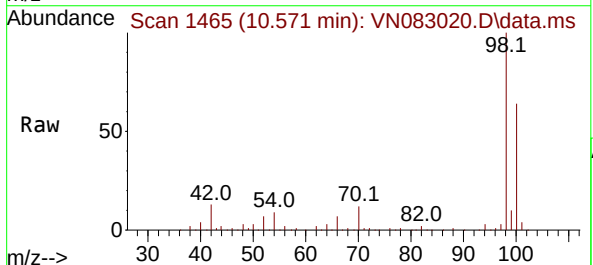
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

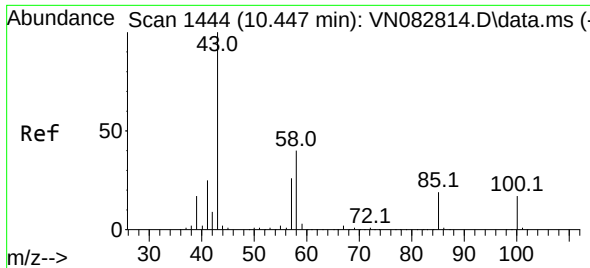
Tgt Ion: 88 Resp: 44550
Ion Ratio Lower Upper
88 100
43 0.0 27.8 41.8#
58 71.4 59.4 89.0



#50
Toluene-d8
Concen: 48.949 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

Tgt Ion: 98 Resp: 355697
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3

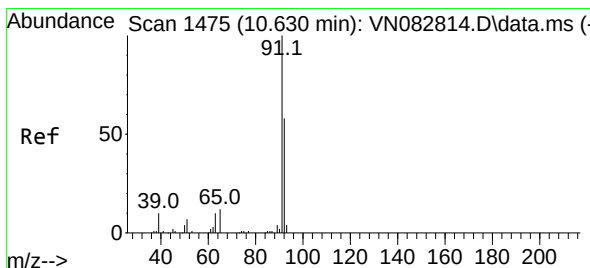
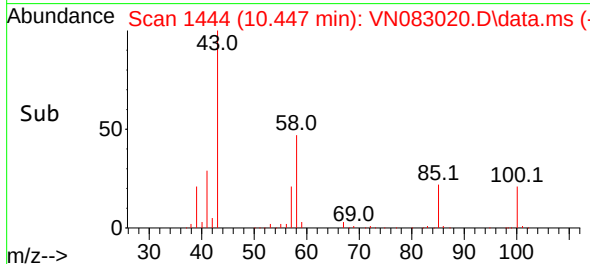
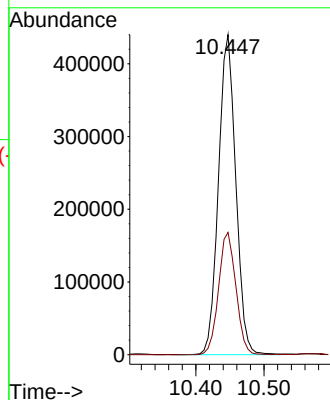
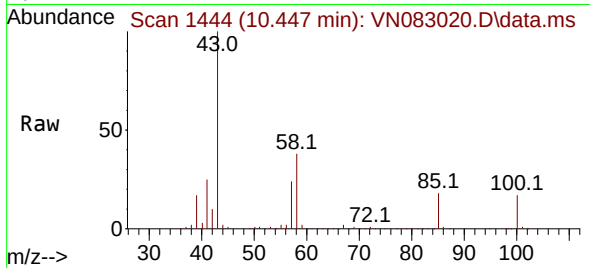




#51
4-Methyl-2-Pentanone
Concen: 284.031 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

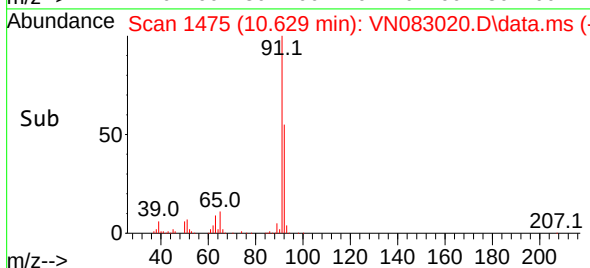
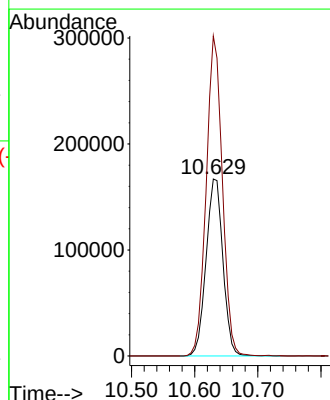
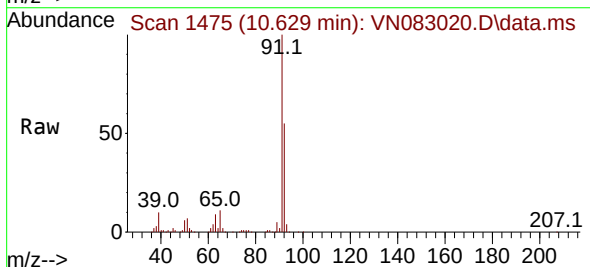
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

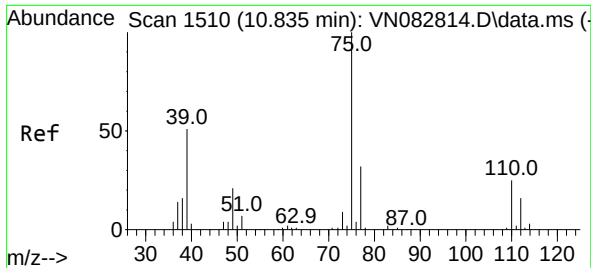
Tgt Ion: 43 Resp: 777636
Ion Ratio Lower Upper
43 100
58 38.3 28.2 42.4



#52
Toluene
Concen: 59.243 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

Tgt Ion: 92 Resp: 308788
Ion Ratio Lower Upper
92 100
91 173.2 139.4 209.0

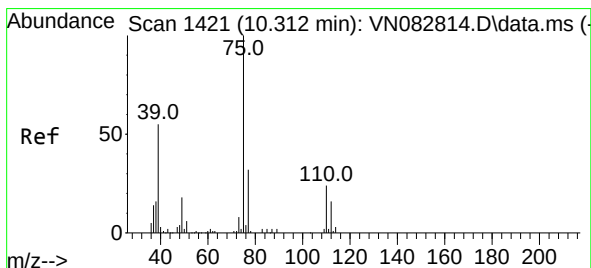
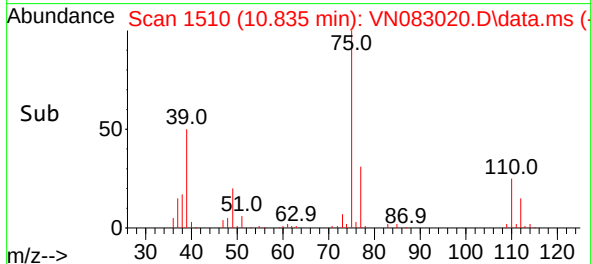
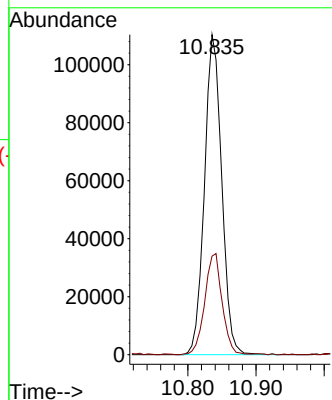
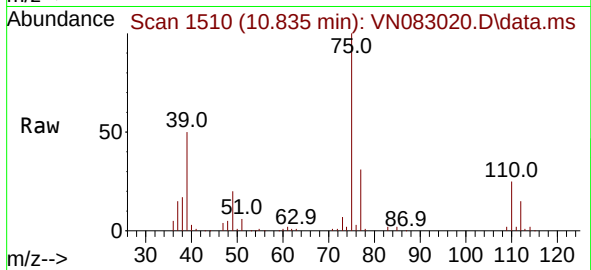




#53
 t-1,3-Dichloropropene
 Concen: 60.033 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN083020.D
 Acq: 24 Jul 2024 09:42

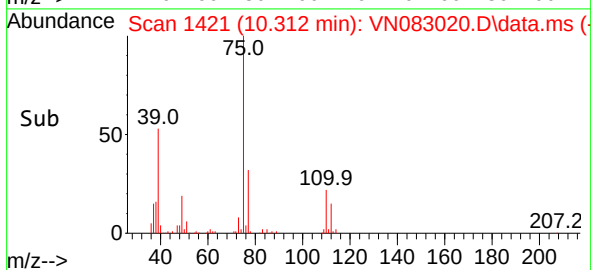
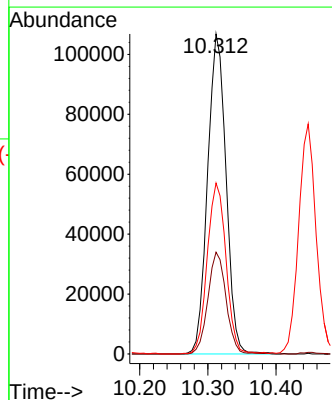
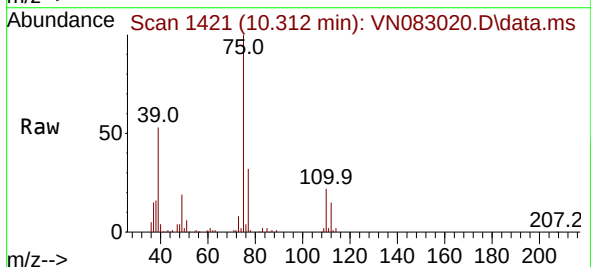
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

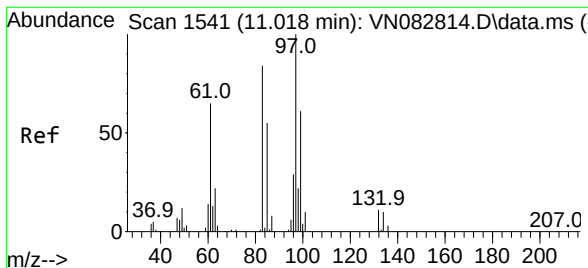
Tgt Ion: 75 Resp: 193926
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 58.836 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN083020.D
 Acq: 24 Jul 2024 09:42

Tgt Ion: 75 Resp: 201176
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.3 36.5
 39 53.4 50.5 75.7

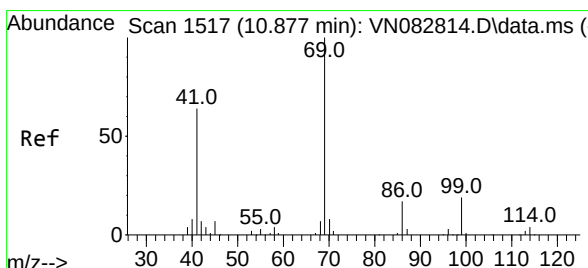
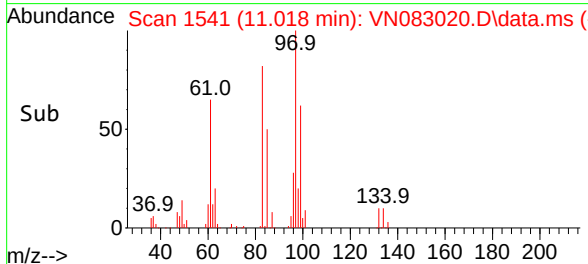
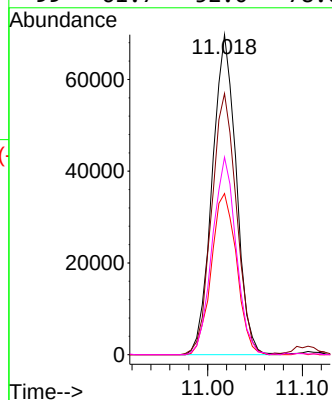
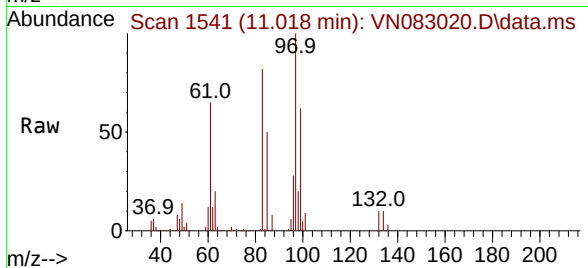




#55
1,1,2-Trichloroethane
Concen: 64.170 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

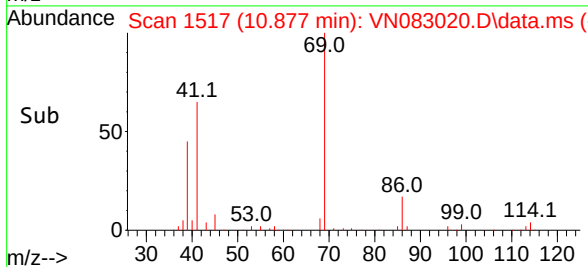
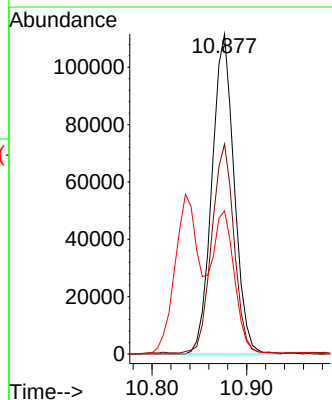
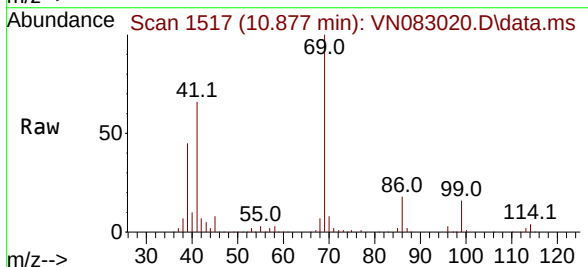
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

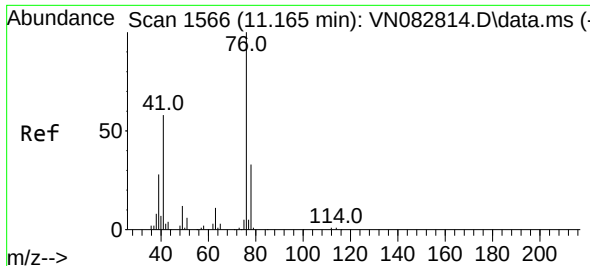
Tgt Ion: 97	Resp: 122991
Ion Ratio	Lower Upper
97 100	
83 81.6	71.4 107.0
85 50.3	45.8 68.6
99 61.7	52.0 78.0



#56
Ethyl methacrylate
Concen: 61.025 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.001 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

Tgt Ion: 69	Resp: 181972
Ion Ratio	Lower Upper
69 100	
41 65.7	63.4 95.2
39 41.4	37.4 56.0





#57

1,3-Dichloropropane

Concen: 59.941 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN083020.D

Acq: 24 Jul 2024 09:42

Instrument :

MSVOA_N

ClientSampleId :

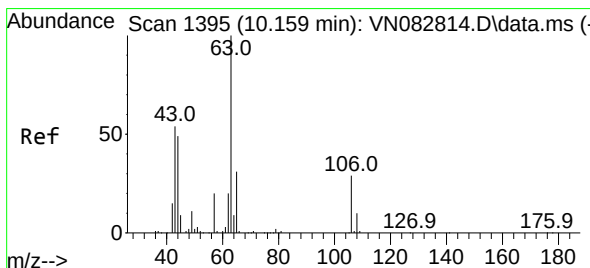
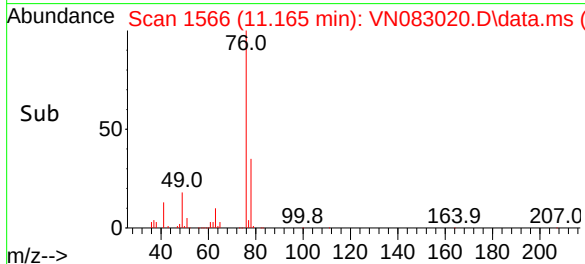
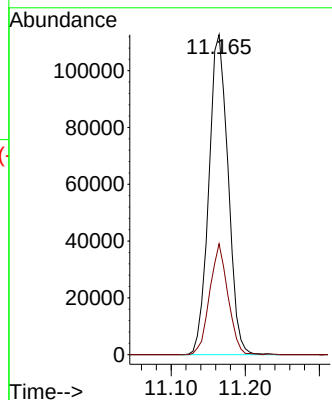
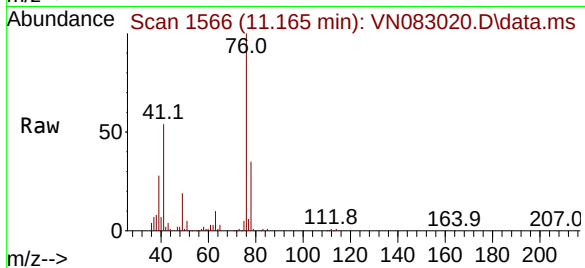
VSTDCCC050

Tgt Ion: 76 Resp: 203360

Ion Ratio Lower Upper

76 100

78 32.9 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 309.045 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.006 min

Lab File: VN083020.D

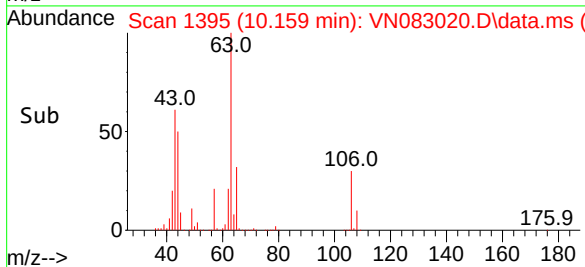
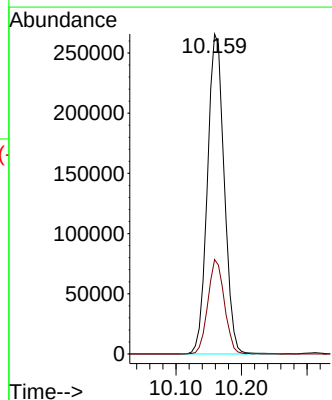
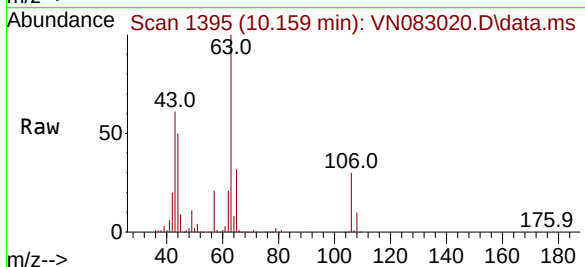
Acq: 24 Jul 2024 09:42

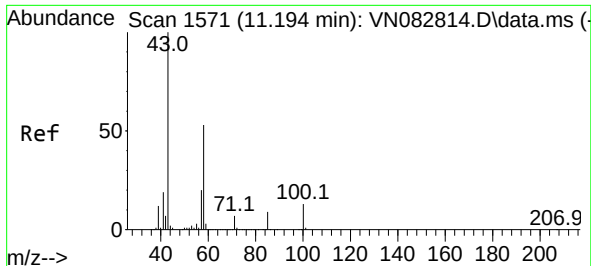
Tgt Ion: 63 Resp: 472871

Ion Ratio Lower Upper

63 100

106 29.0 21.4 32.0

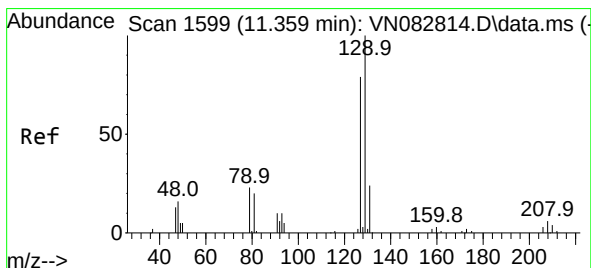
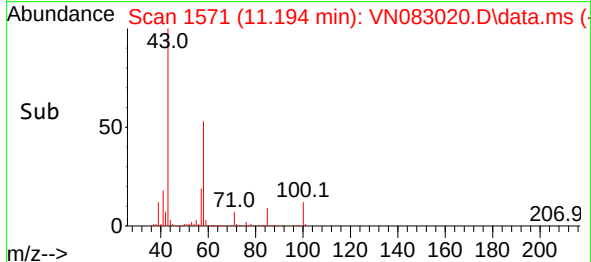
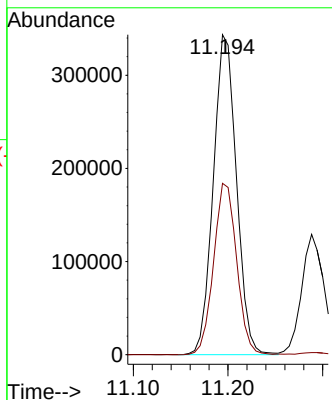
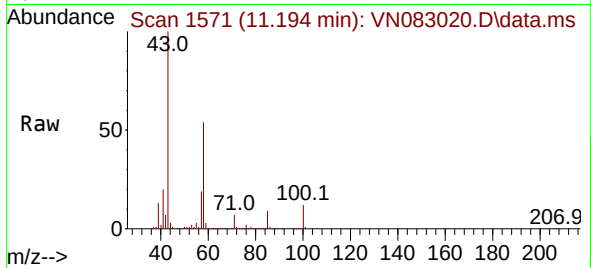




#59
2-Hexanone
Concen: 286.603 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.006 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

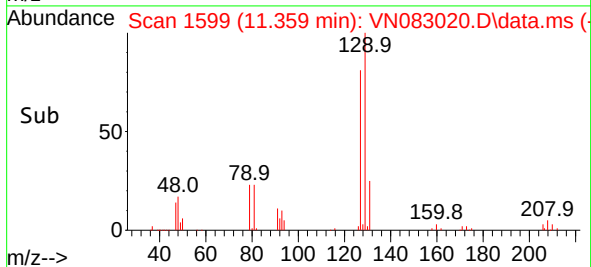
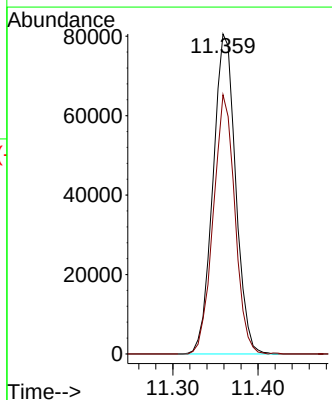
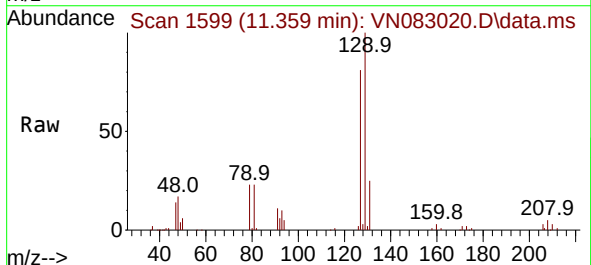
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

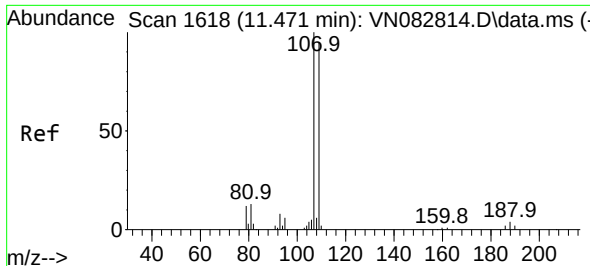
Tgt Ion: 43 Resp: 583394
Ion Ratio Lower Upper
43 100
58 53.4 24.6 73.8



#60
Dibromochloromethane
Concen: 61.001 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

Tgt Ion: 129 Resp: 148914
Ion Ratio Lower Upper
129 100
127 77.2 39.2 117.6

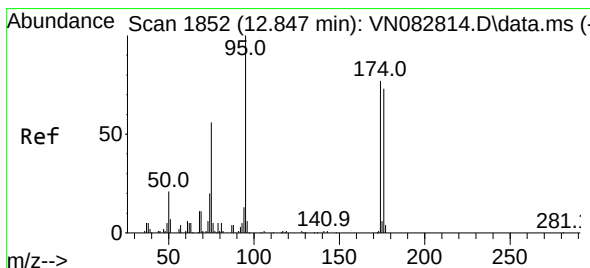
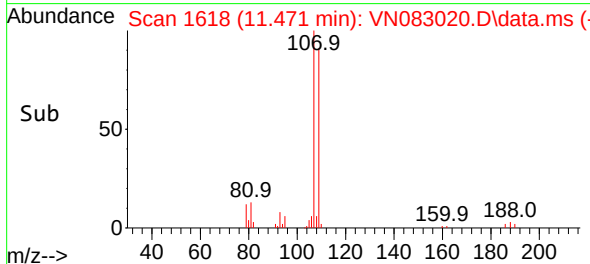
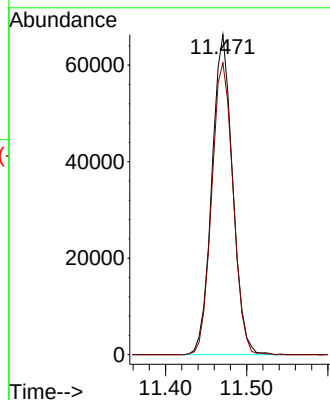
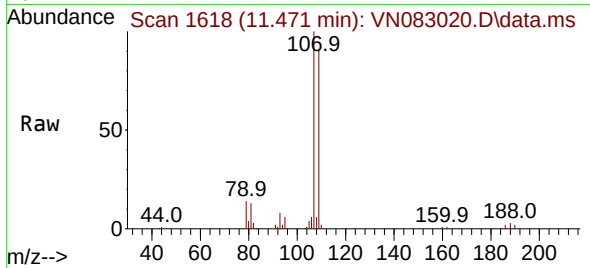




#61
1,2-Dibromoethane
Concen: 57.873 ug/l
RT: 11.471 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

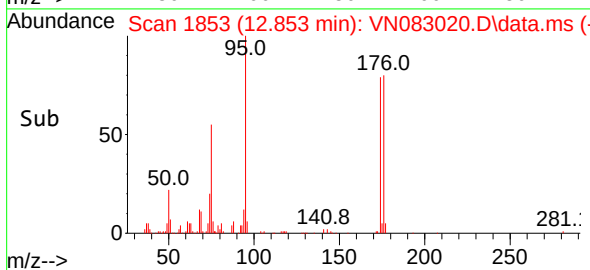
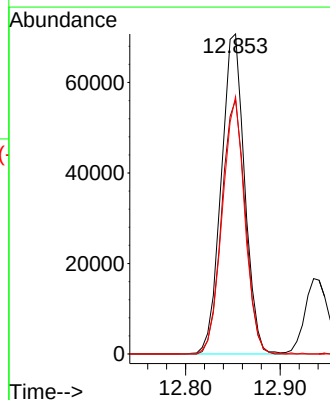
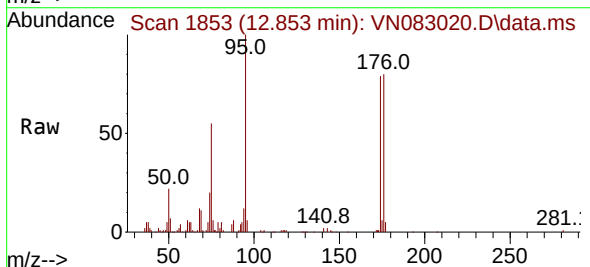
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

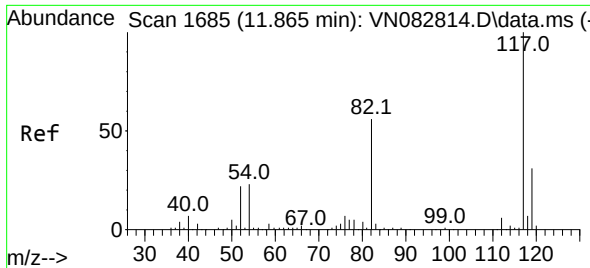
Tgt Ion:107 Resp: 117795
Ion Ratio Lower Upper
107 100
109 94.0 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 46.564 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

Tgt Ion: 95 Resp: 121543
Ion Ratio Lower Upper
95 100
174 79.4 0.0 159.2
176 77.3 0.0 147.6

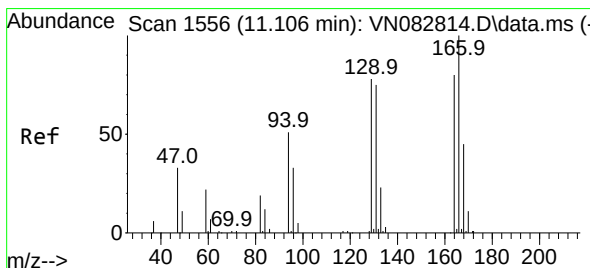
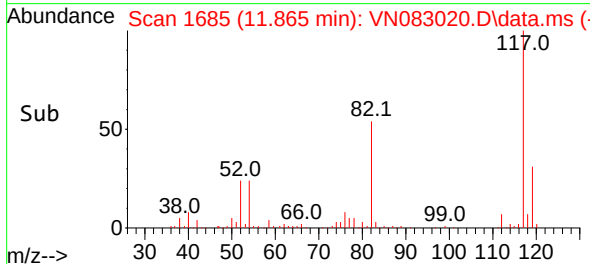
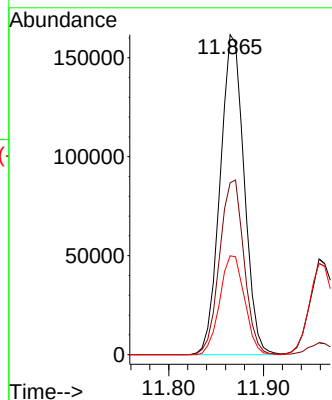
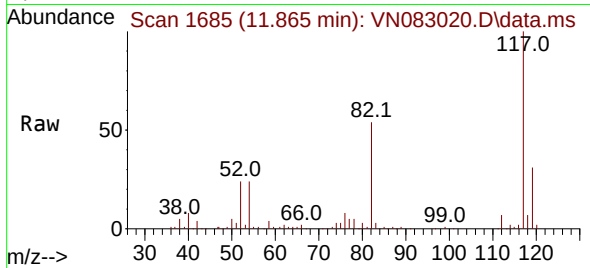




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

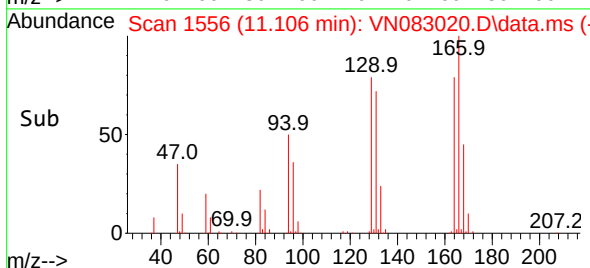
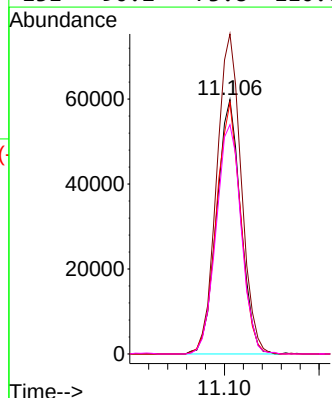
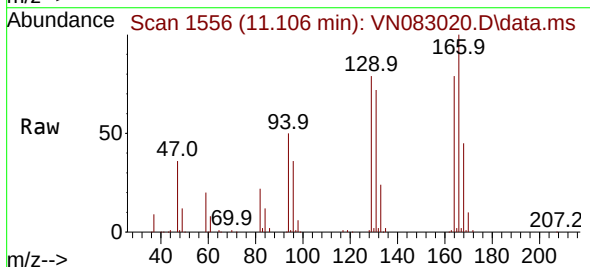
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

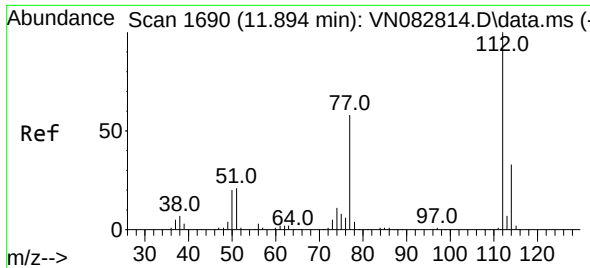
Tgt Ion:117 Resp: 285173
Ion Ratio Lower Upper
117 100
82 53.7 47.5 71.3
119 30.9 25.6 38.4



#64
Tetrachloroethene
Concen: 49.829 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

Tgt Ion:164 Resp: 106015
Ion Ratio Lower Upper
164 100
166 125.8 101.4 152.0
129 98.8 75.7 113.5
131 90.2 73.8 110.6

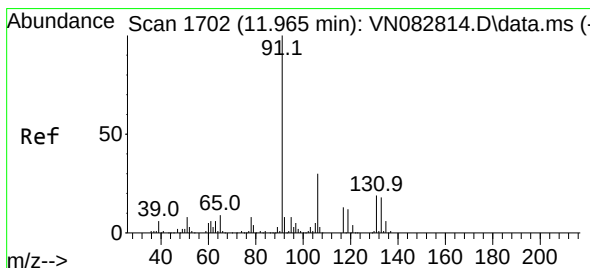
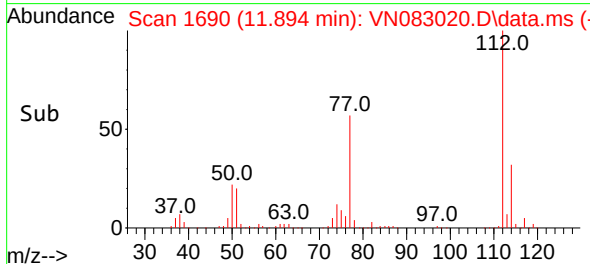
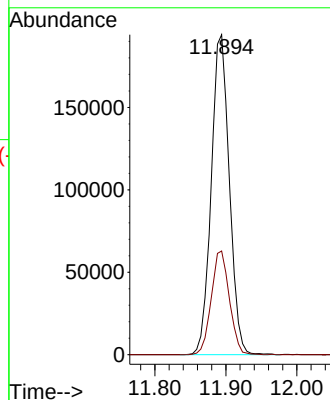
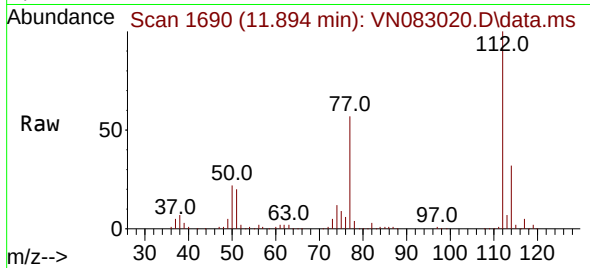




#65
Chlorobenzene
Concen: 56.094 ug/l
RT: 11.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

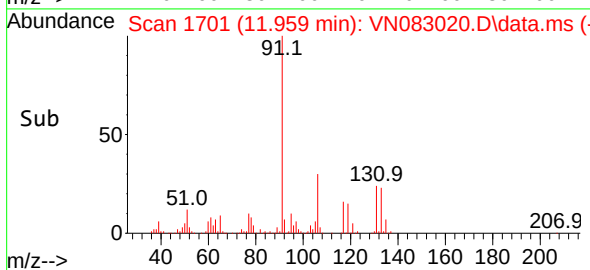
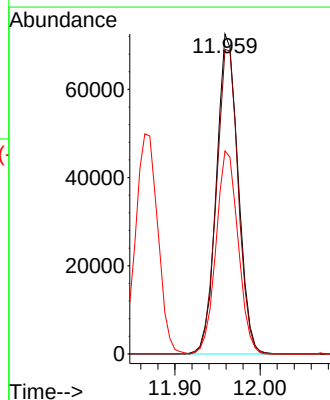
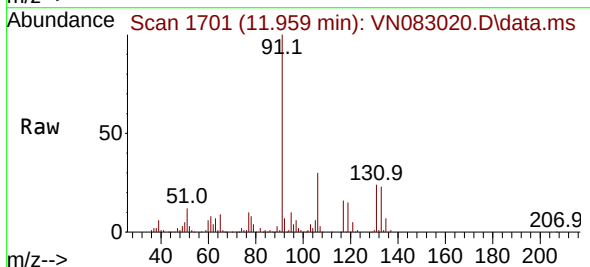
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

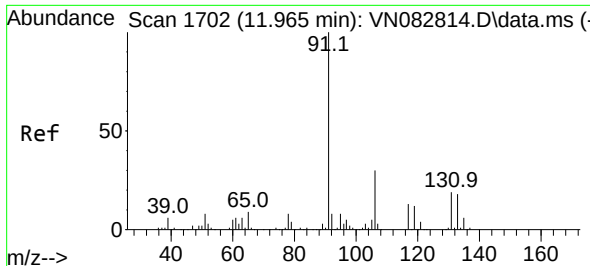
Tgt Ion:112 Resp: 342780
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 59.060 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.005 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

Tgt Ion:131 Resp: 128374
Ion Ratio Lower Upper
131 100
133 96.0 47.3 142.0
119 64.8 32.5 97.4

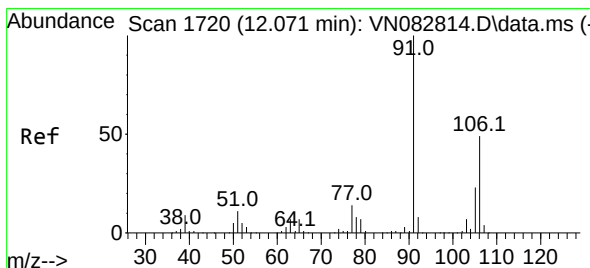
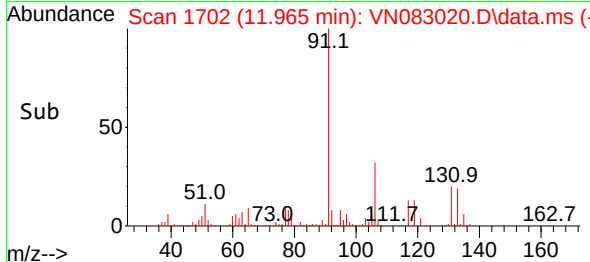
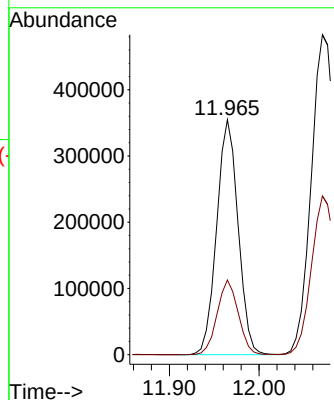
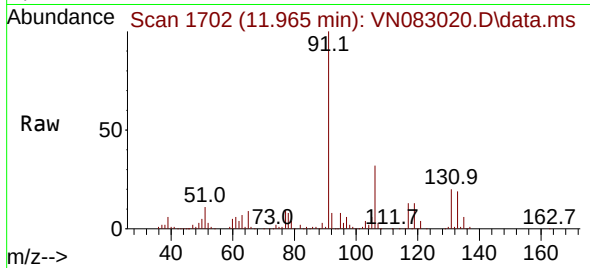




#67
Ethyl Benzene
Concen: 57.222 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

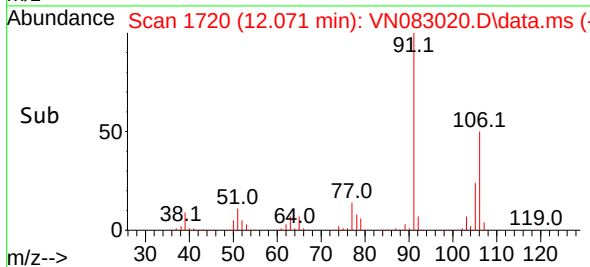
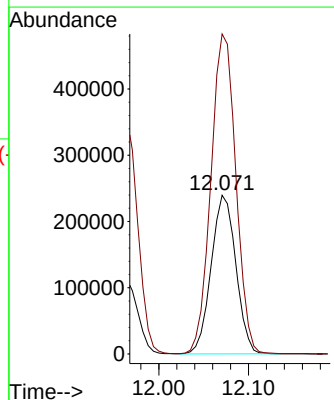
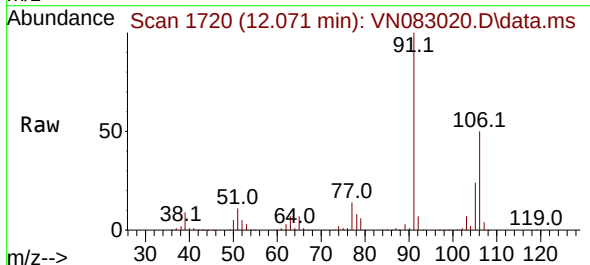
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

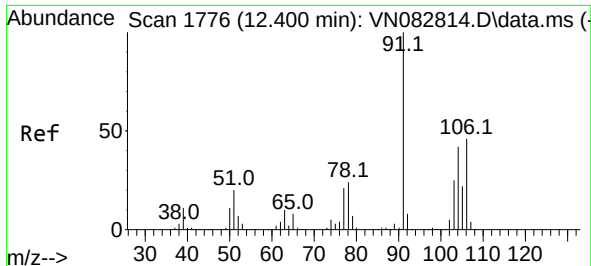
Tgt Ion: 91 Resp: 587694
Ion Ratio Lower Upper
91 100
106 31.8 24.0 36.0



#68
m/p-Xylenes
Concen: 118.152 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.001 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

Tgt Ion:106 Resp: 458132
Ion Ratio Lower Upper
106 100
91 203.5 166.1 249.1

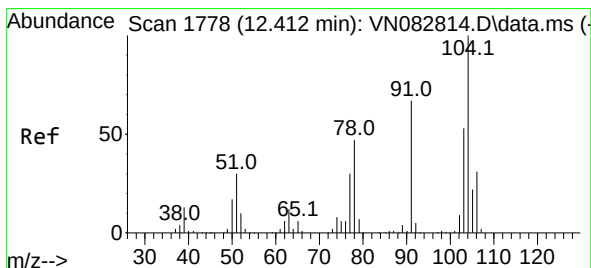
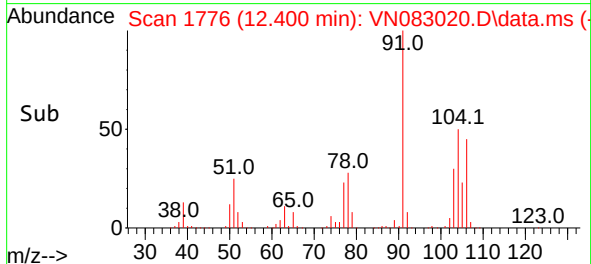
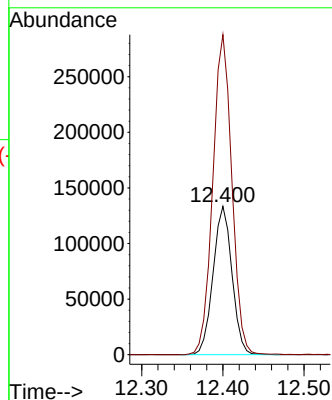
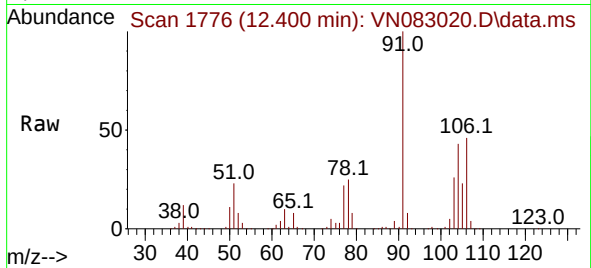




#69
o-Xylene
Concen: 58.145 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

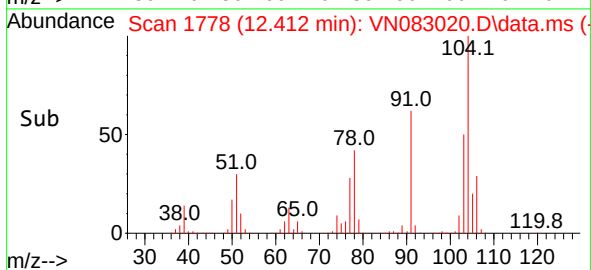
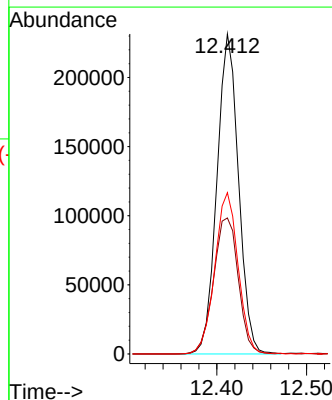
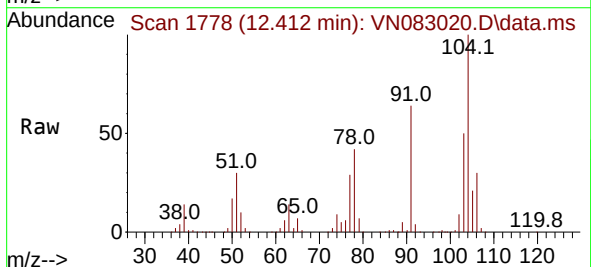
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

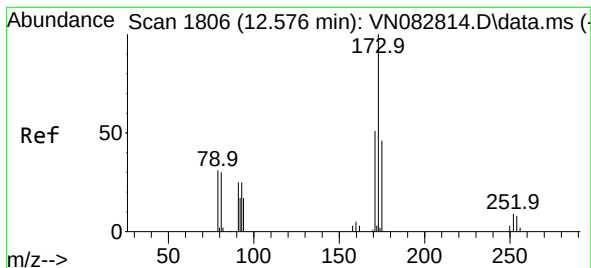
Tgt Ion:106 Resp: 216027
Ion Ratio Lower Upper
106 100
91 217.5 111.3 333.9



#70
Styrene
Concen: 63.005 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

Tgt Ion:104 Resp: 386774
Ion Ratio Lower Upper
104 100
78 49.0 41.6 62.4
103 54.3 44.0 66.0





#71

Bromoform

Concen: 57.823 ug/l

RT: 12.582 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN083020.D

Acq: 24 Jul 2024 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

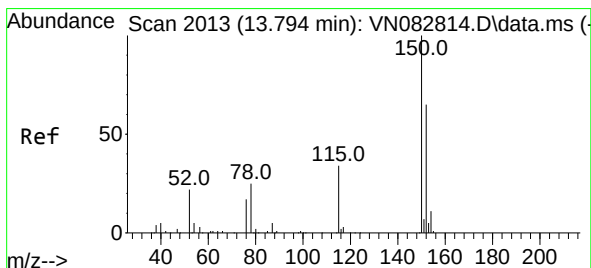
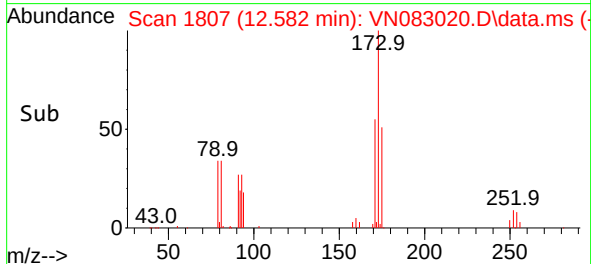
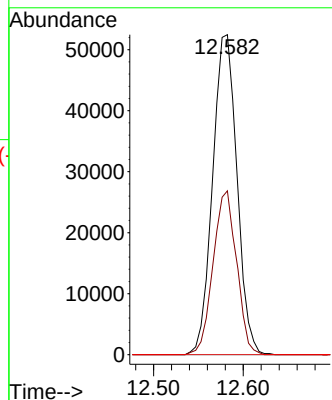
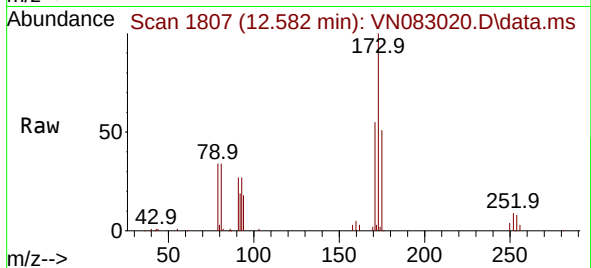
Tgt Ion:173 Resp: 98843

Ion Ratio Lower Upper

173 100

175 49.4 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: VN083020.D

Acq: 24 Jul 2024 09:42

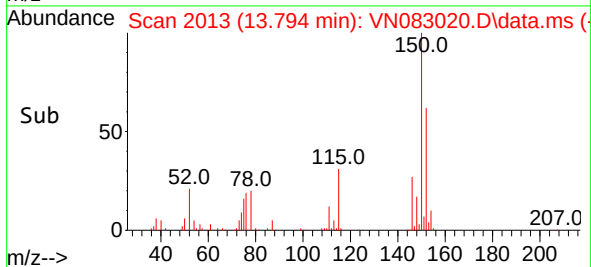
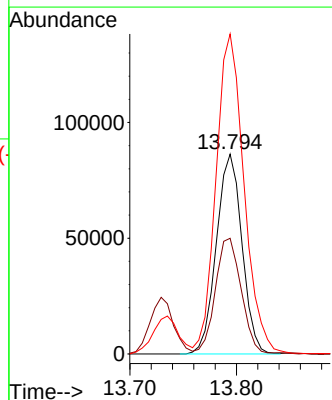
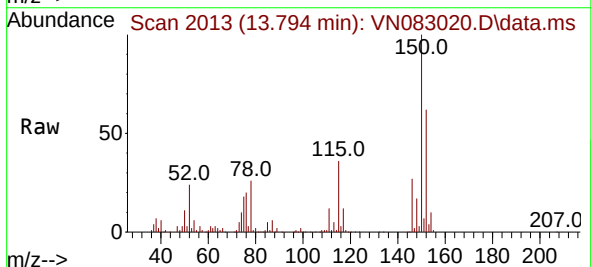
Tgt Ion:152 Resp: 143948

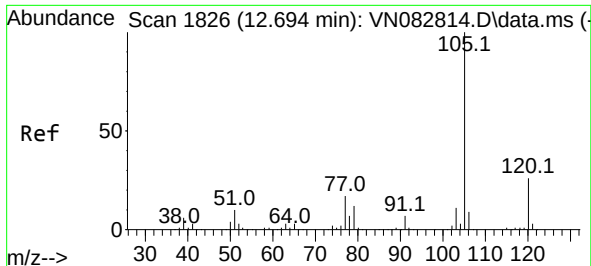
Ion Ratio Lower Upper

152 100

115 58.8 30.6 91.6

150 175.0 0.0 348.6

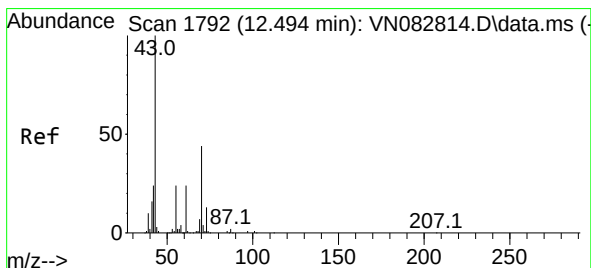
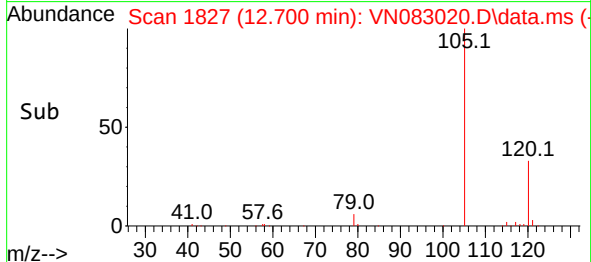
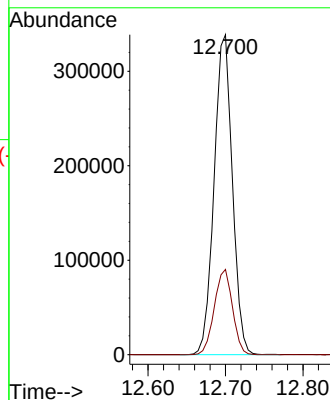
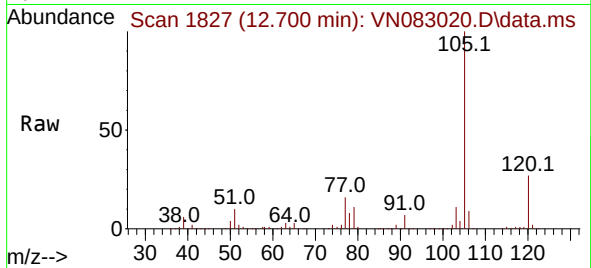




#73
Isopropylbenzene
Concen: 52.923 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

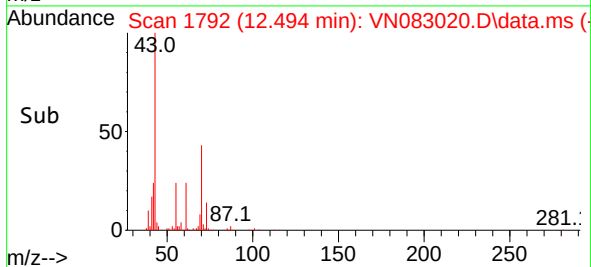
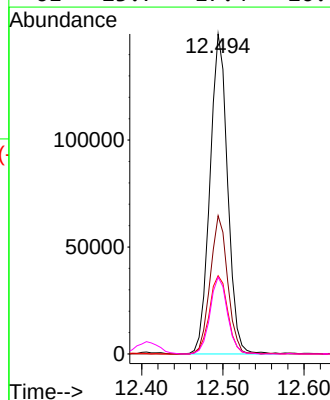
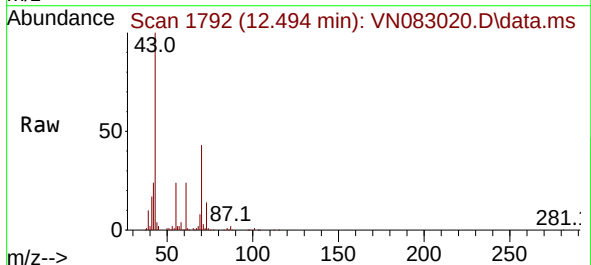
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

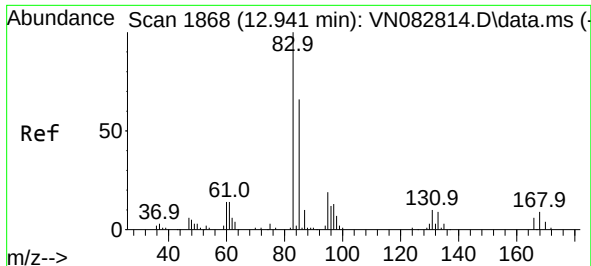
Tgt Ion:105 Resp: 553572
Ion Ratio Lower Upper
105 100
120 26.5 12.9 38.6



#74
N-ethyl acetate
Concen: 52.231 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

Tgt Ion: 43 Resp: 225984
Ion Ratio Lower Upper
43 100
70 42.6 29.8 44.6
55 25.5 18.7 28.1
61 23.7 17.4 26.0

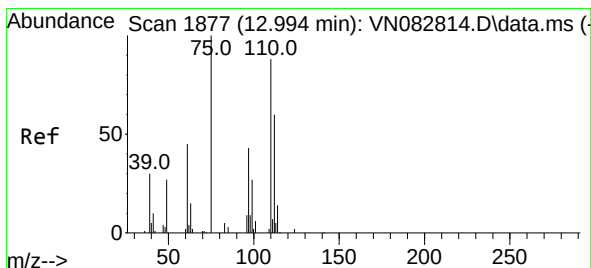
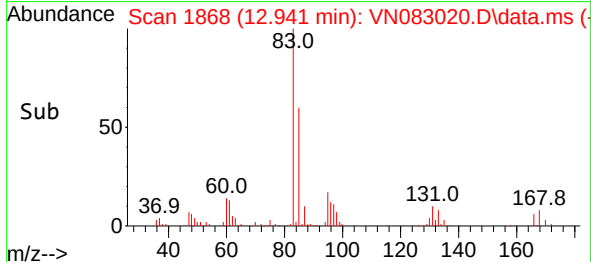
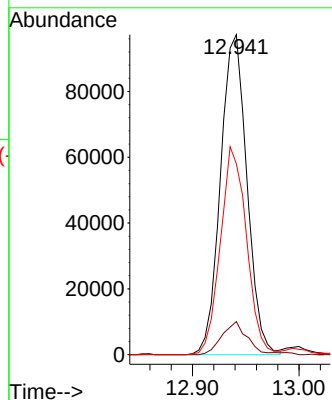
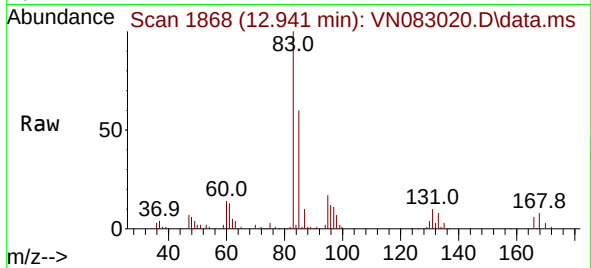




#75
1,1,2,2-Tetrachloroethane
Concen: 53.613 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

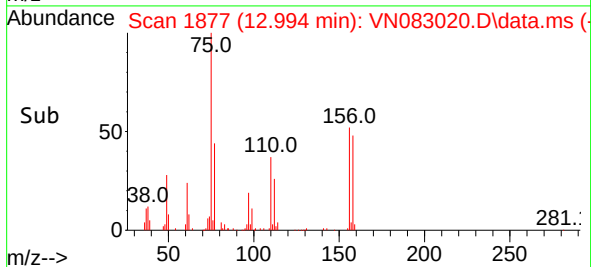
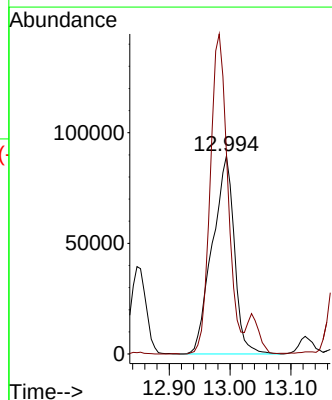
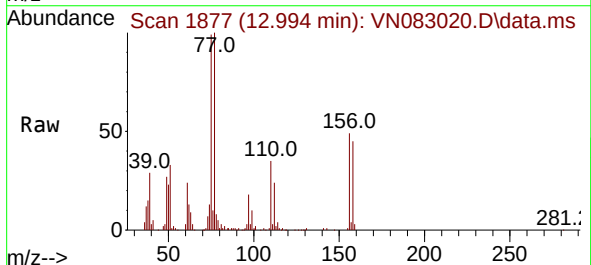
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

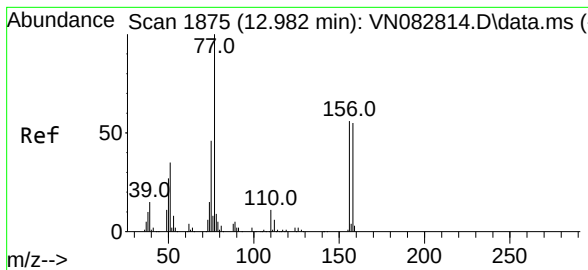
Tgt Ion: 83 Resp: 167949
Ion Ratio Lower Upper
83 100
131 10.2 5.0 14.9
85 64.2 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 90.529 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

Tgt Ion: 75 Resp: 224671
Ion Ratio Lower Upper
75 100
77 129.3 110.9 332.6

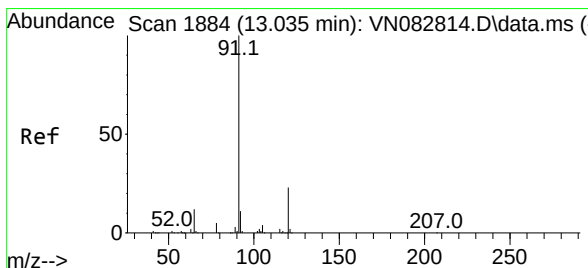
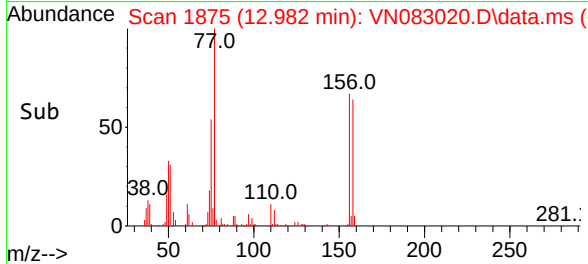
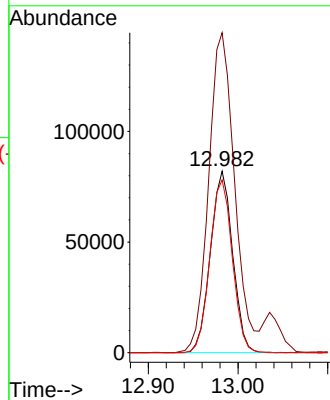
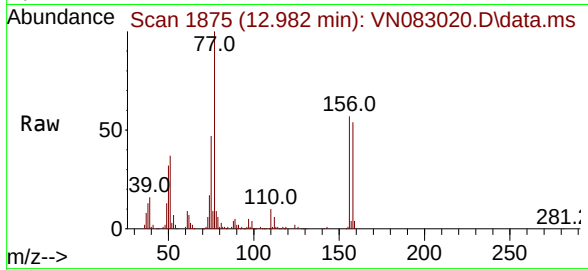




#77
Bromobenzene
Concen: 52.309 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

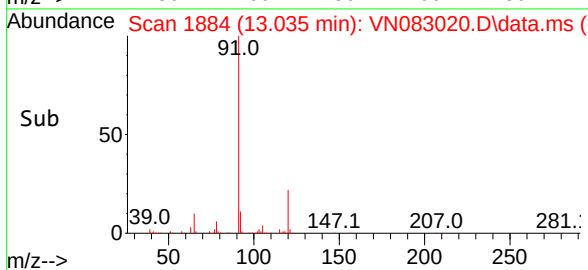
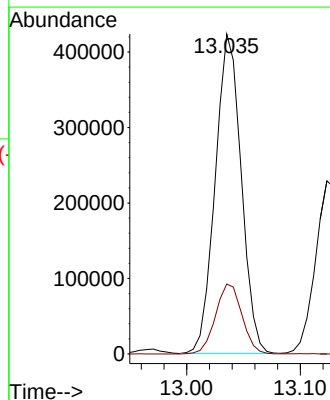
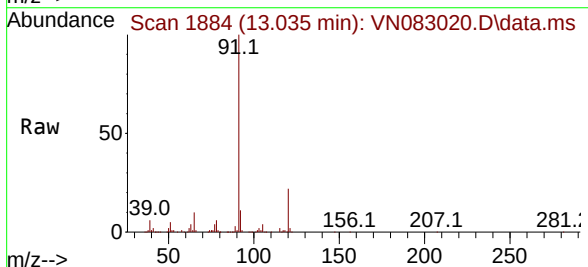
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

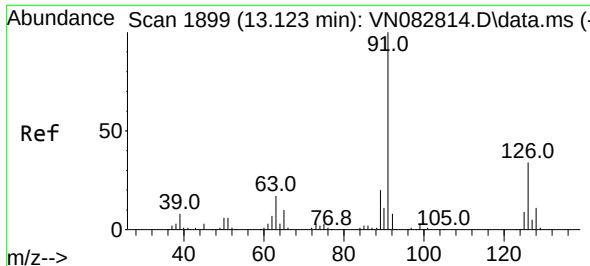
Tgt Ion:156 Resp: 141153
Ion Ratio Lower Upper
156 100
77 205.8 111.3 333.8
158 96.1 48.3 144.9



#78
n-propylbenzene
Concen: 55.915 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

Tgt Ion: 91 Resp: 672461
Ion Ratio Lower Upper
91 100
120 22.3 10.9 32.9

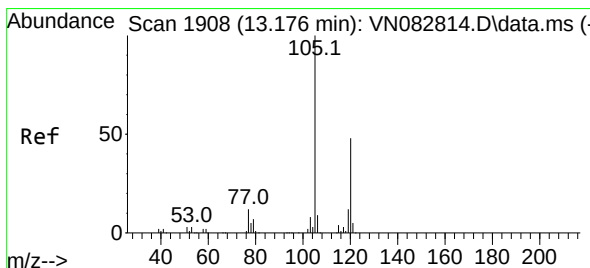
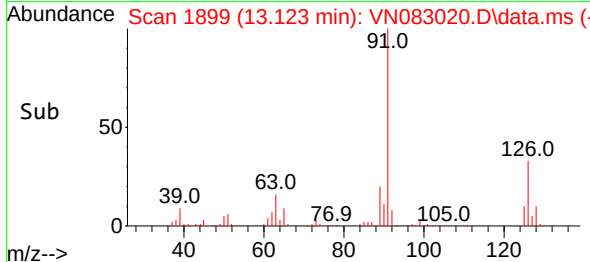
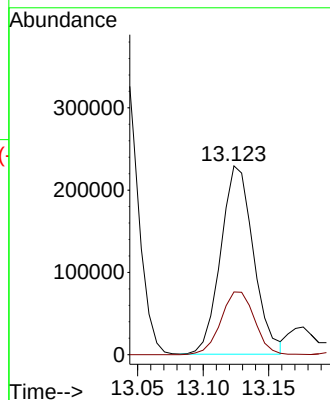
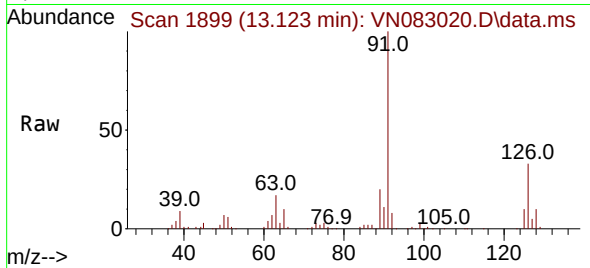




#79
2-Chlorotoluene
Concen: 51.954 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

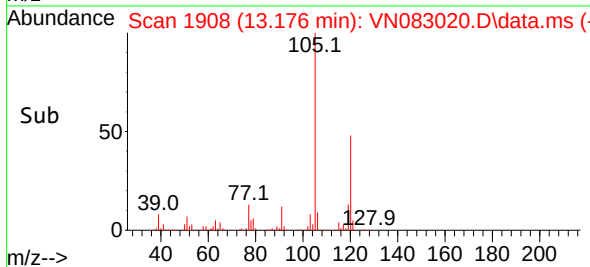
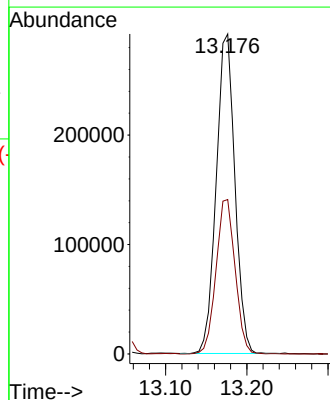
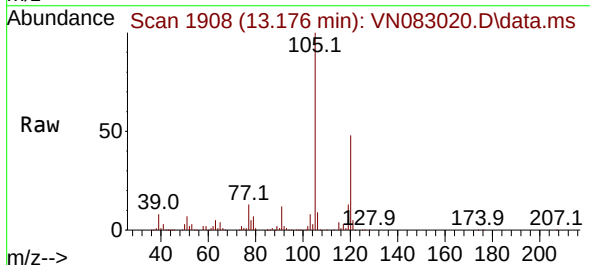
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

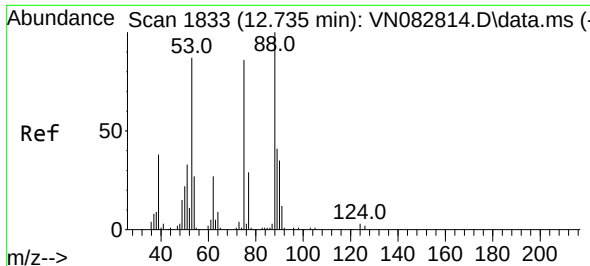
Tgt Ion: 91 Resp: 398112
Ion Ratio Lower Upper
91 100
126 34.2 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 55.210 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

Tgt Ion: 105 Resp: 466796
Ion Ratio Lower Upper
105 100
120 49.5 24.3 72.8

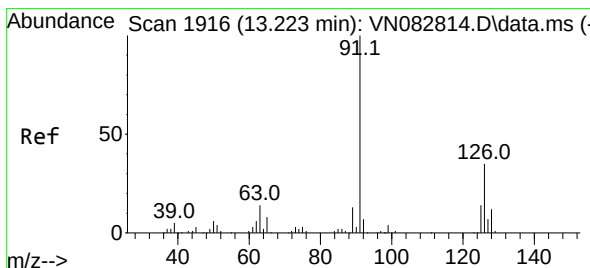
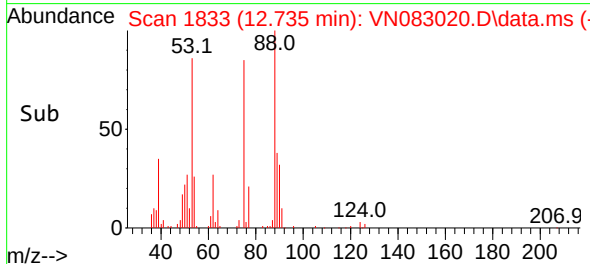
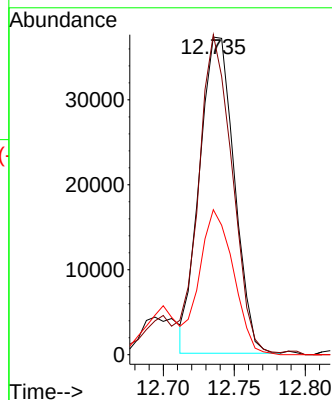
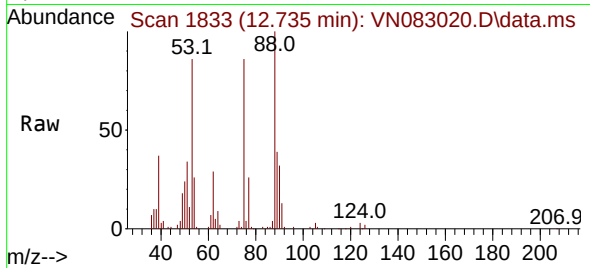




#81
trans-1,4-Dichloro-2-butene
Concen: 50.082 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

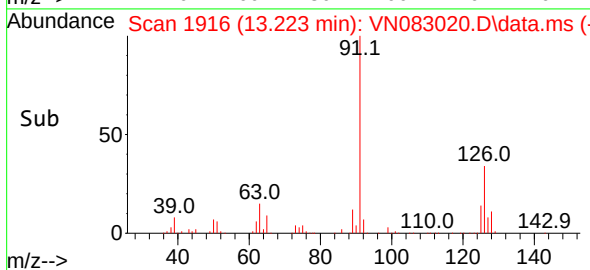
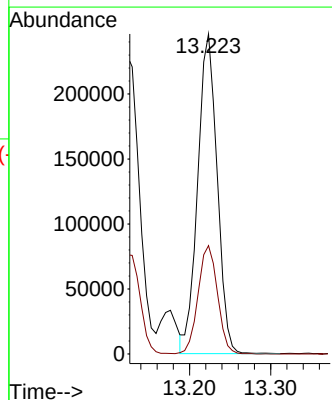
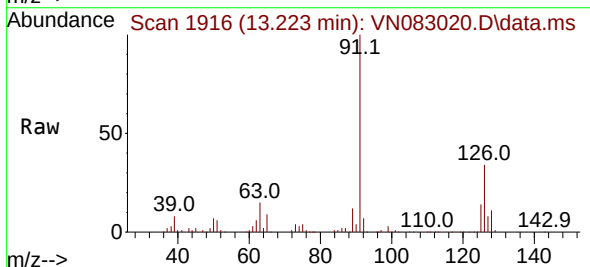
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

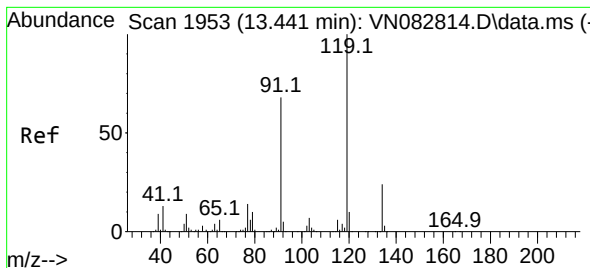
Tgt Ion: 75 Resp: 63197
Ion Ratio Lower Upper
75 100
53 109.5 88.4 132.6
89 45.3 36.3 54.5



#82
4-Chlorotoluene
Concen: 53.971 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

Tgt Ion: 91 Resp: 409351
Ion Ratio Lower Upper
91 100
126 33.8 16.2 48.6





#83

tert-Butylbenzene

Concen: 53.030 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN083020.D

Acq: 24 Jul 2024 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

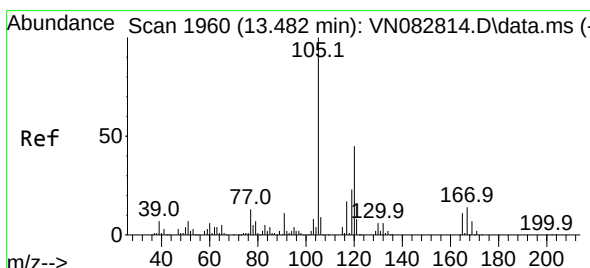
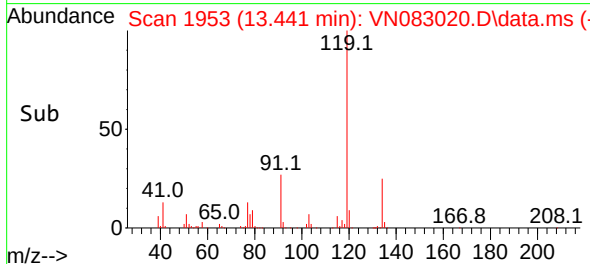
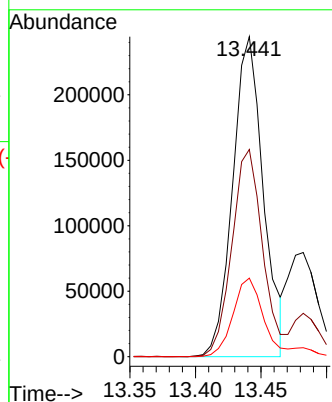
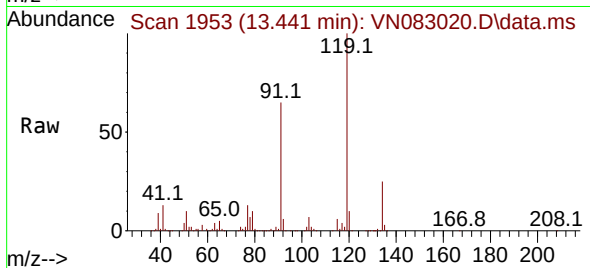
Tgt Ion:119 Resp: 397501

Ion Ratio Lower Upper

119 100

91 65.9 35.0 105.1

134 24.2 13.3 39.8



#84

1,2,4-Trimethylbenzene

Concen: 55.320 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN083020.D

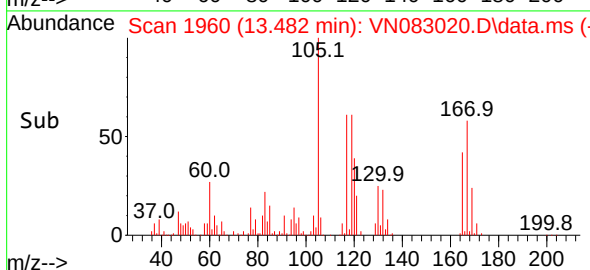
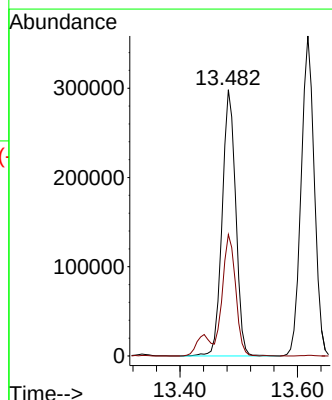
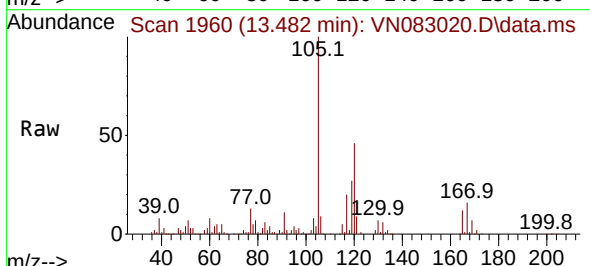
Acq: 24 Jul 2024 09:42

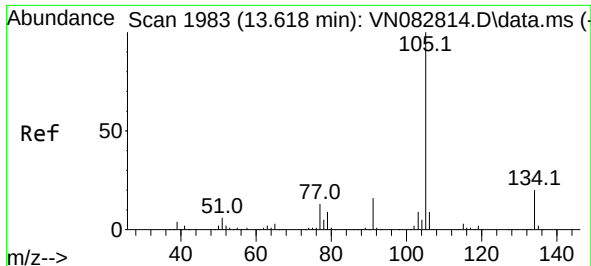
Tgt Ion:105 Resp: 476721

Ion Ratio Lower Upper

105 100

120 44.1 21.9 65.8

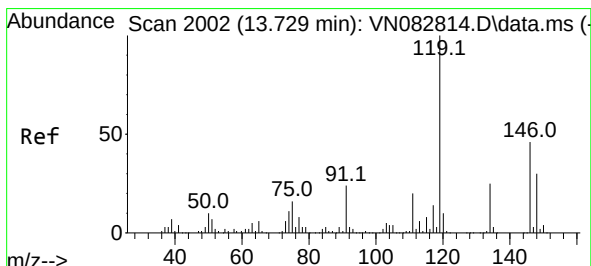
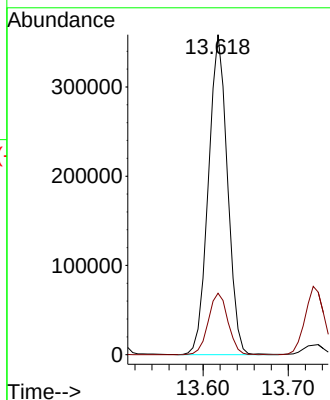
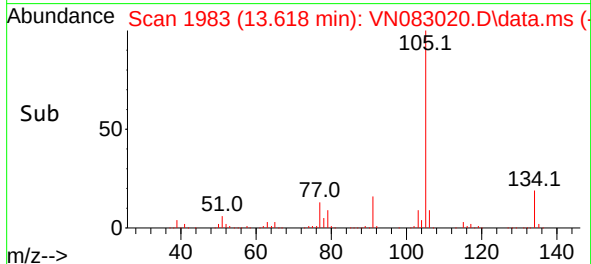
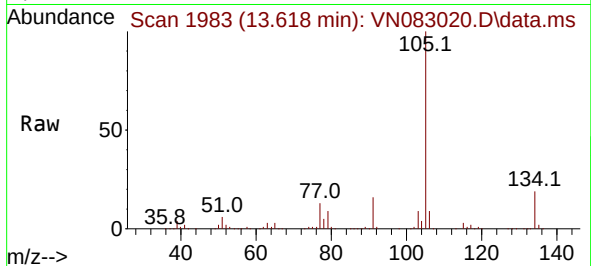




#85
 sec-Butylbenzene
 Concen: 54.977 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083020.D
 Acq: 24 Jul 2024 09:42

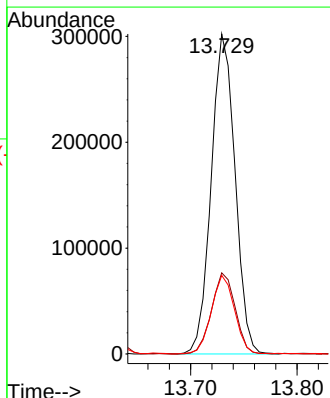
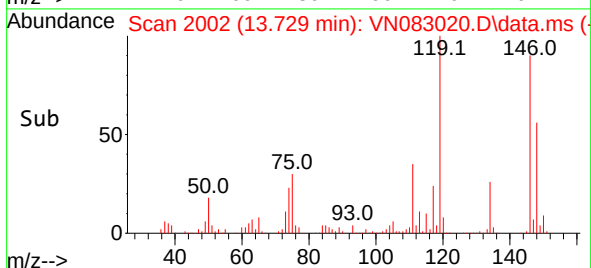
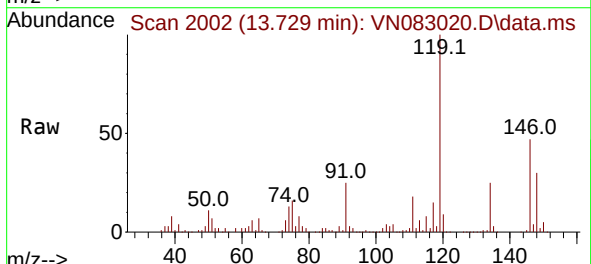
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

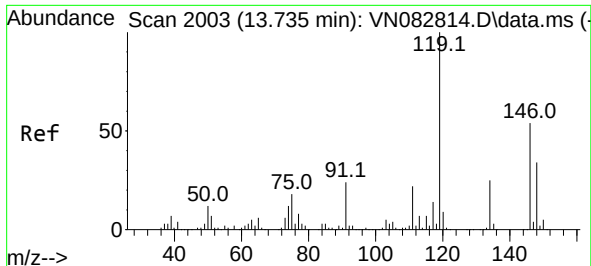
Tgt Ion:105 Resp: 556876
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 55.568 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083020.D
 Acq: 24 Jul 2024 09:42

Tgt Ion:119 Resp: 469614
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.0 39.0
 91 24.0 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 53.589 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN083020.D

Acq: 24 Jul 2024 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

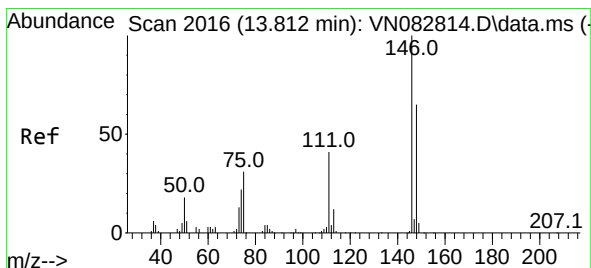
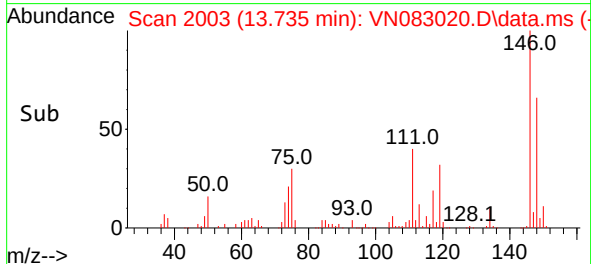
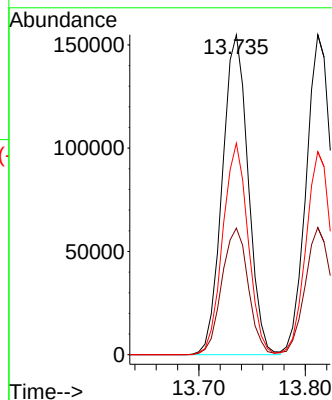
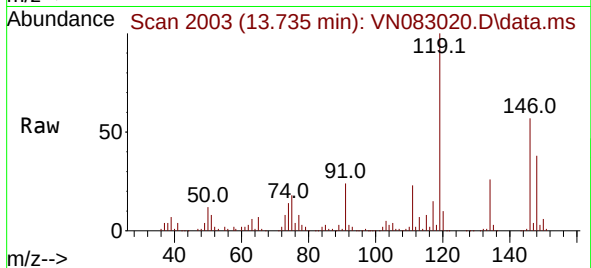
Tgt Ion:146 Resp: 261232

Ion Ratio Lower Upper

146 100

111 40.4 20.6 61.9

148 64.6 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 51.392 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.001 min

Lab File: VN083020.D

Acq: 24 Jul 2024 09:42

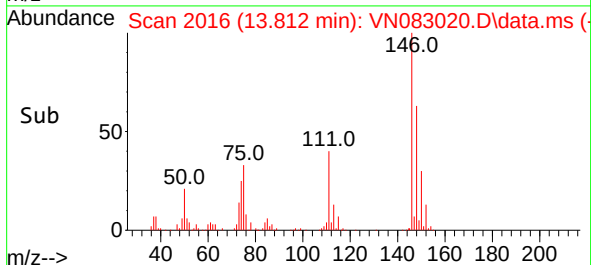
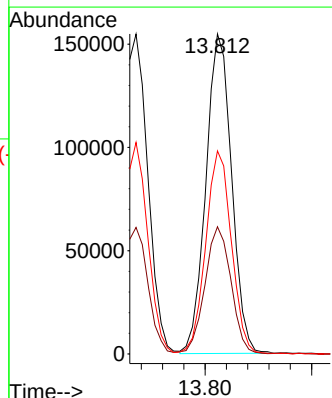
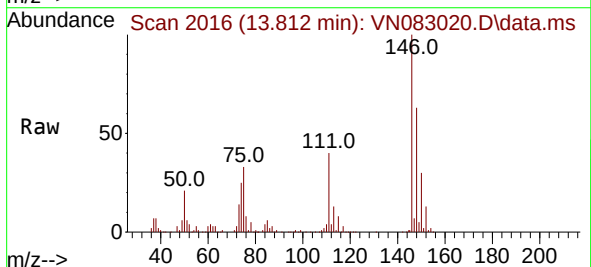
Tgt Ion:146 Resp: 259084

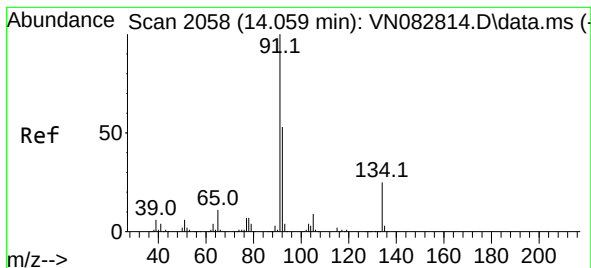
Ion Ratio Lower Upper

146 100

111 40.3 20.1 60.3

148 63.9 32.2 96.6





#89

n-Butylbenzene

Concen: 54.915 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.001 min

Lab File: VN083020.D

Acq: 24 Jul 2024 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

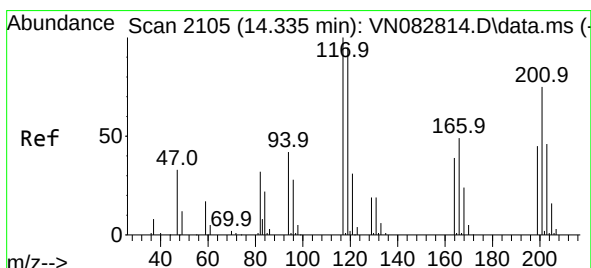
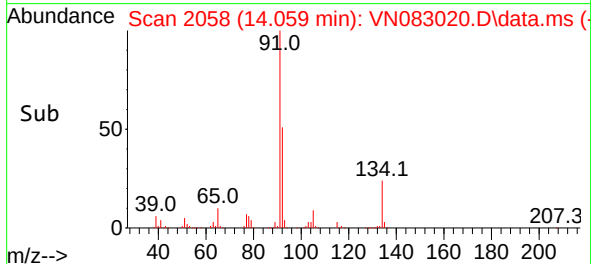
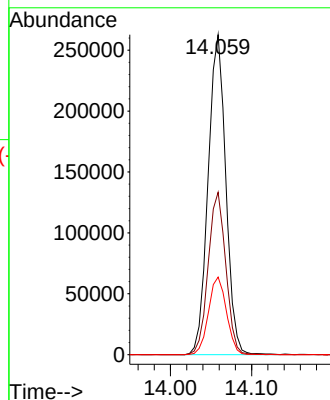
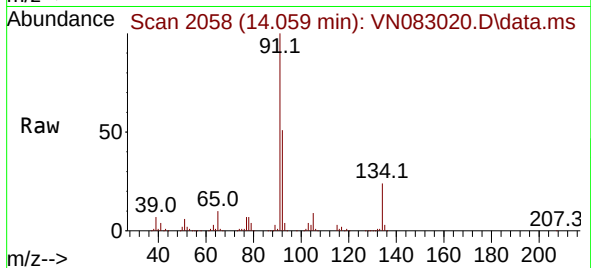
Tgt Ion: 91 Resp: 397597

Ion Ratio Lower Upper

91 100

92 50.4 26.1 78.3

134 24.7 12.1 36.3



#90

Hexachloroethane

Concen: 51.729 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN083020.D

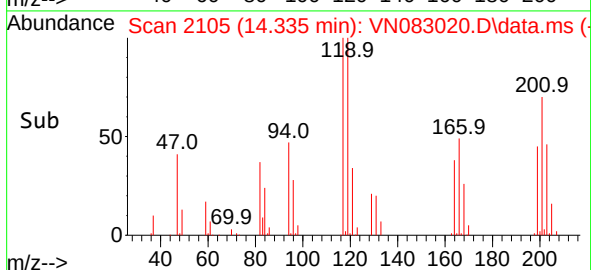
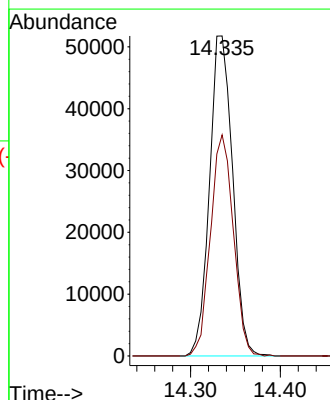
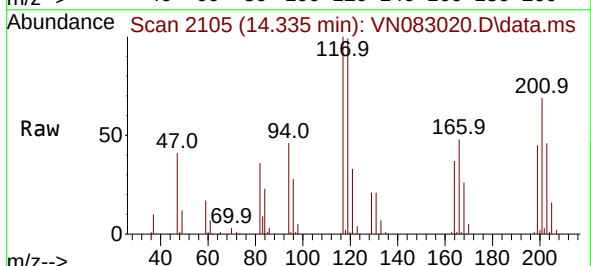
Acq: 24 Jul 2024 09:42

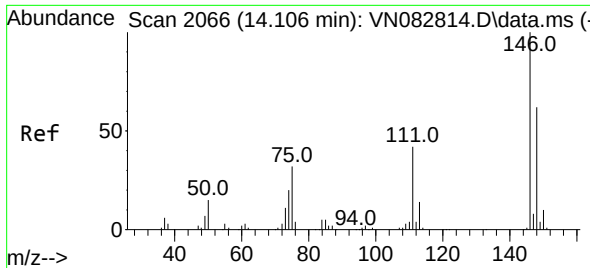
Tgt Ion: 117 Resp: 92502

Ion Ratio Lower Upper

117 100

201 68.6 35.8 107.3

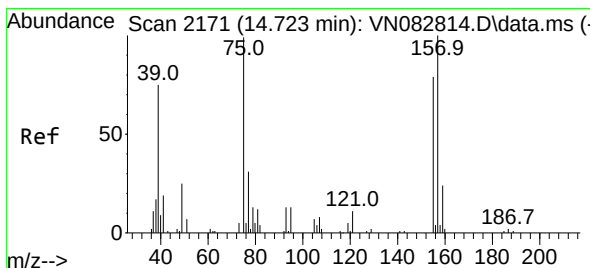
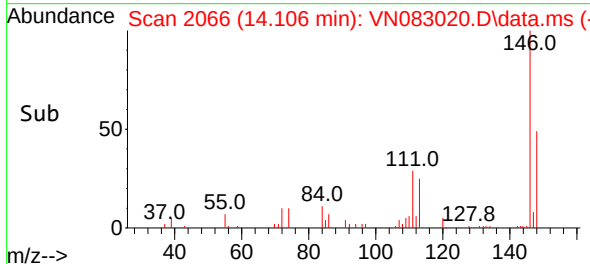
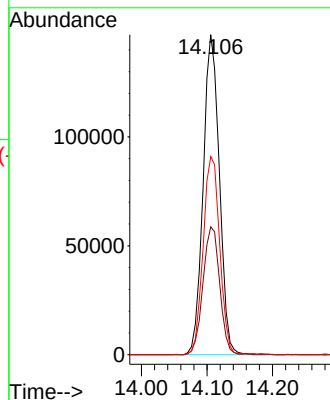
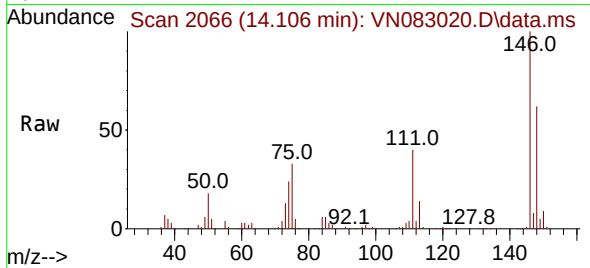




#91
1,2-Dichlorobenzene
Concen: 53.443 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

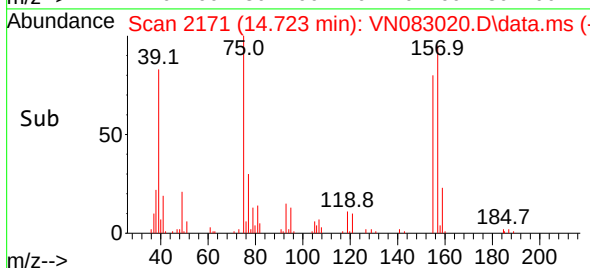
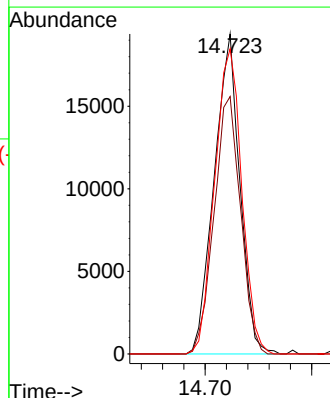
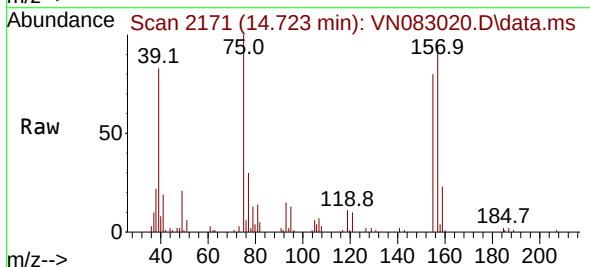
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

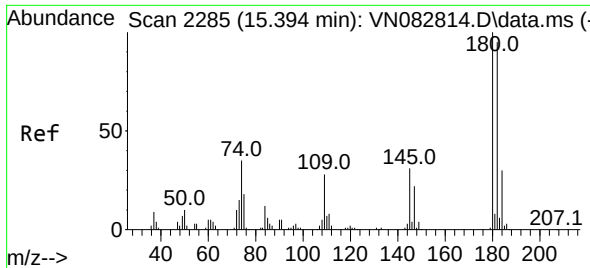
Tgt Ion:146 Resp: 252948
Ion Ratio Lower Upper
146 100
111 41.1 21.4 64.2
148 63.2 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.650 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN083020.D
Acq: 24 Jul 2024 09:42

Tgt Ion: 75 Resp: 32359
Ion Ratio Lower Upper
75 100
155 83.2 36.6 109.8
157 100.9 46.9 140.6

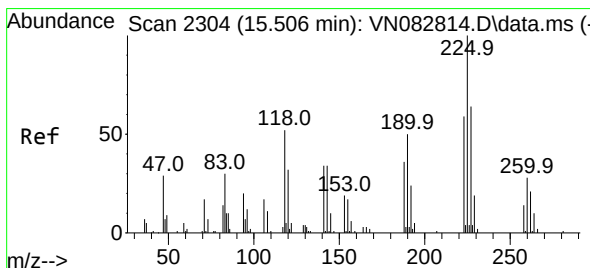
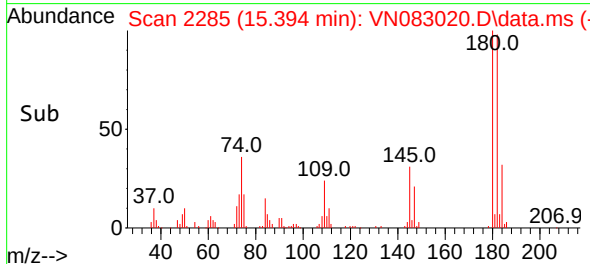
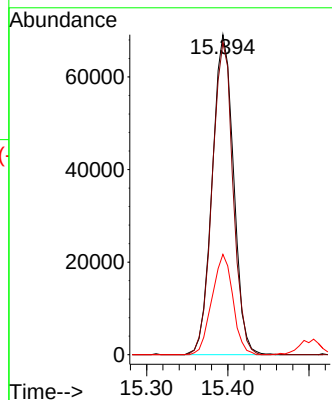
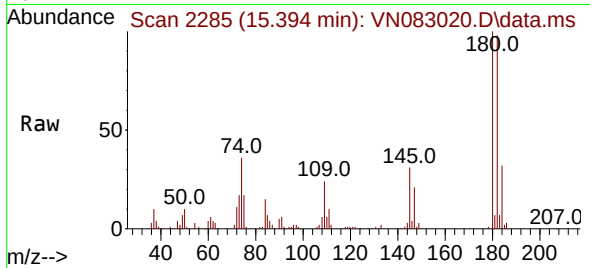




#93
 1,2,4-Trichlorobenzene
 Concen: 49.568 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN083020.D
 Acq: 24 Jul 2024 09:42

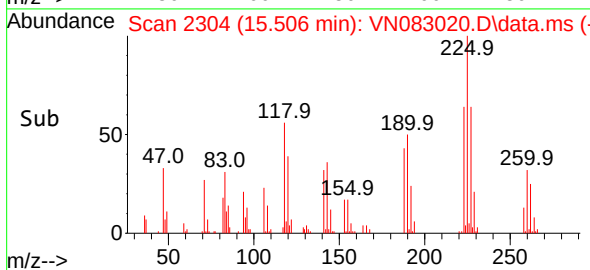
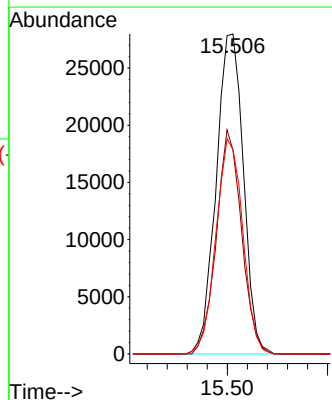
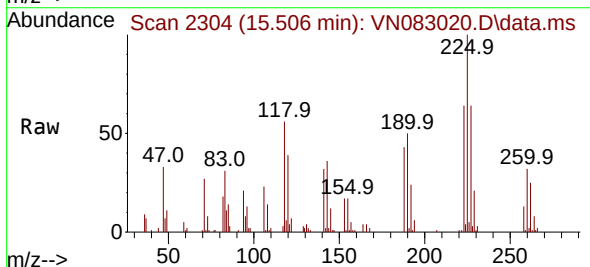
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

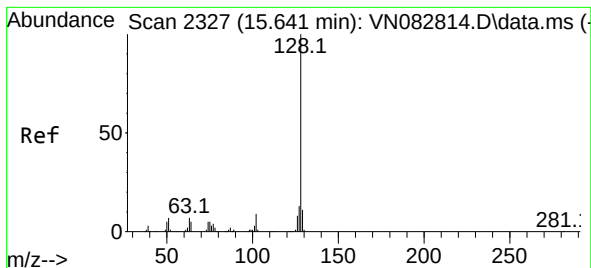
Tgt Ion:180 Resp: 126370
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.3 141.8
 145 30.8 15.7 47.1



#94
 Hexachlorobutadiene
 Concen: 46.583 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. 0.001 min
 Lab File: VN083020.D
 Acq: 24 Jul 2024 09:42

Tgt Ion:225 Resp: 52648
 Ion Ratio Lower Upper
 225 100
 223 64.9 31.9 95.7
 227 66.3 32.5 97.5





#95

Naphthalene

Concen: 46.912 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN083020.D

Acq: 24 Jul 2024 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

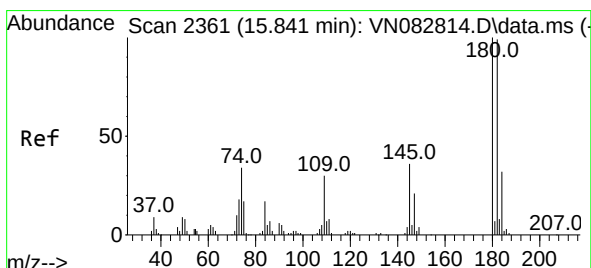
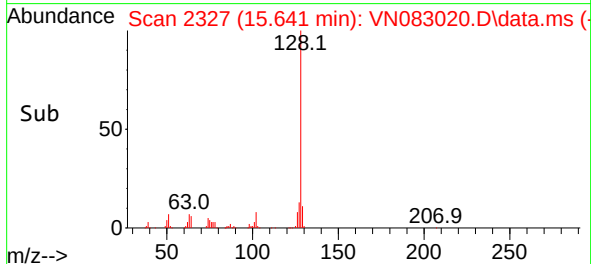
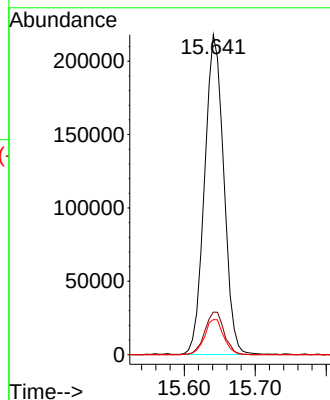
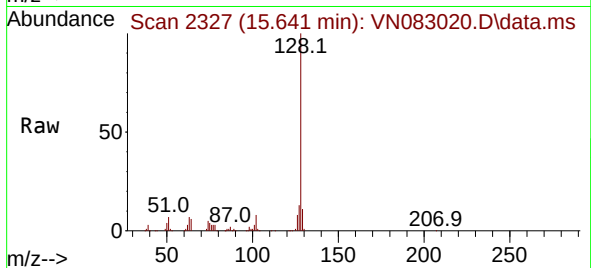
Tgt Ion:128 Resp: 409637

Ion Ratio Lower Upper

128 100

127 13.4 10.6 16.0

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 48.379 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN083020.D

Acq: 24 Jul 2024 09:42

Tgt Ion:180 Resp: 126818

Ion Ratio Lower Upper

180 100

182 96.2 48.9 146.8

145 33.4 16.8 50.4

