

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081624\
 Data File : VN083345.D
 Acq On : 16 Aug 2024 11:14
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Aug 17 01:40:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	162245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	279047	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	244744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	118297	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	135527	58.686	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 117.380%	
35) Dibromofluoromethane	8.165	113	99118	56.907	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 113.820%	
50) Toluene-d8	10.565	98	366687	56.438	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 112.880%	
62) 4-Bromofluorobenzene	12.847	95	144196	56.928	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 113.860%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	93531	50.836	ug/l	98
3) Chloromethane	2.359	50	94774	50.314	ug/l	99
4) Vinyl Chloride	2.512	62	103719	53.962	ug/l	100
5) Bromomethane	2.942	94	60899	51.062	ug/l	90
6) Chloroethane	3.112	64	67476	56.113	ug/l	99
7) Trichlorofluoromethane	3.495	101	176635	55.629	ug/l	97
8) Diethyl Ether	3.959	74	62400	52.813	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.371	101	99018	56.562	ug/l	99
10) Methyl Iodide	4.589	142	102840	44.659	ug/l	95
11) Tert butyl alcohol	5.524	59	114998	239.614	ug/l	100
12) 1,1-Dichloroethene	4.336	96	92826	51.612	ug/l	90
13) Acrolein	4.177	56	67162	214.718	ug/l	99
14) Allyl chloride	5.018	41	170906	50.285	ug/l	90
15) Acrylonitrile	5.718	53	251056	254.351	ug/l	99
16) Acetone	4.424	43	284285	314.596	ug/l	97
17) Carbon Disulfide	4.712	76	229448	43.601	ug/l	99
18) Methyl Acetate	5.024	43	144356	53.617	ug/l	94
19) Methyl tert-butyl Ether	5.795	73	350119	53.933	ug/l	97
20) Methylene Chloride	5.277	84	104248	50.126	ug/l	88
21) trans-1,2-Dichloroethene	5.789	96	95271	51.252	ug/l	91
22) Diisopropyl ether	6.671	45	357614	55.976	ug/l	98
23) Vinyl Acetate	6.600	43	1926852	294.252	ug/l	96
24) 1,1-Dichloroethane	6.565	63	194315	55.801	ug/l	98
25) 2-Butanone	7.483	43	364707	262.847	ug/l	94
26) 2,2-Dichloropropane	7.489	77	187973	58.125	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	120086	53.536	ug/l	94
28) Bromochloromethane	7.812	49	75192	52.837	ug/l	87
29) Tetrahydrofuran	7.841	42	220737	246.099	ug/l	89
30) Chloroform	7.965	83	208643	57.671	ug/l	98
31) Cyclohexane	8.253	56	159959	46.740	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	191710	55.983	ug/l	96
36) 1,1-Dichloropropene	8.371	75	140333	53.262	ug/l	99
37) Ethyl Acetate	7.559	43	143634	48.688	ug/l	96
38) Carbon Tetrachloride	8.359	117	163406	55.063	ug/l	97
39) Methylcyclohexane	9.600	83	165633	51.181	ug/l	99
40) Benzene	8.606	78	426544	54.343	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	83316	49.671	ug/l	97
42) 1,2-Dichloroethane	8.671	62	160105	55.995	ug/l	98
43) Isopropyl Acetate	8.688	43	251588	49.113	ug/l #	92
44) Trichloroethene	9.353	130	102377	54.798	ug/l	95
45) 1,2-Dichloropropane	9.624	63	107971	57.951	ug/l	100
46) Dibromomethane	9.706	93	76372	57.268	ug/l	98
47) Bromodichloromethane	9.888	83	167328	55.880	ug/l	97
48) Methyl methacrylate	9.683	41	121788	49.934	ug/l	92
49) 1,4-Dioxane	9.694	88	41891	952.037	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	732671	262.634	ug/l	93
52) Toluene	10.630	92	277281	55.911	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	174668	56.787	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	181489	55.474	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	101831	57.296	ug/l	99
56) Ethyl methacrylate	10.877	69	177339	52.929	ug/l #	86
57) 1,3-Dichloropropane	11.165	76	179093	56.534	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	352436	248.849	ug/l	97
59) 2-Hexanone	11.194	43	568022	263.189	ug/l	92
60) Dibromochloromethane	11.359	129	124536	57.956	ug/l	99
61) 1,2-Dibromoethane	11.471	107	103462	55.415	ug/l	99
64) Tetrachloroethene	11.106	164	87856	54.203	ug/l	95
65) Chlorobenzene	11.894	112	295994	54.727	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	106148	55.648	ug/l	99
67) Ethyl Benzene	11.965	91	544709	54.900	ug/l	99
68) m/p-Xylenes	12.071	106	408783	109.987	ug/l	96
69) o-Xylene	12.400	106	200090	54.586	ug/l	100
70) Styrene	12.412	104	347685	56.474	ug/l	99
71) Bromoform	12.576	173	79368	54.924	ug/l #	99
73) Isopropylbenzene	12.694	105	526470	53.207	ug/l	100
74) N-amyl acetate	12.494	43	229441	47.407	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	142198	50.812	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	199520	76.847	ug/l	47
77) Bromobenzene	12.982	156	118129	53.744	ug/l	96
78) n-propylbenzene	13.035	91	629119	55.217	ug/l	100
79) 2-Chlorotoluene	13.123	91	388071	53.724	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	447937	54.073	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	52659	44.119	ug/l	96
82) 4-Chlorotoluene	13.223	91	385924	53.263	ug/l	99
83) tert-Butylbenzene	13.441	119	392540	53.508	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	454893	54.489	ug/l	100
85) sec-Butylbenzene	13.618	105	548377	54.782	ug/l	99
86) p-Isopropyltoluene	13.729	119	462199	55.921	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	219913	53.172	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	221494	53.121	ug/l	98
89) n-Butylbenzene	14.059	91	408014	56.972	ug/l	99
90) Hexachloroethane	14.335	117	82394	51.599	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	212265	53.036	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	31344	46.156	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	122680	54.714	ug/l	97
94) Hexachlorobutadiene	15.500	225	50472	50.615	ug/l	99
95) Naphthalene	15.641	128	397384	50.033	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	116829	52.659	ug/l	96

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Response via : Initial Calibration

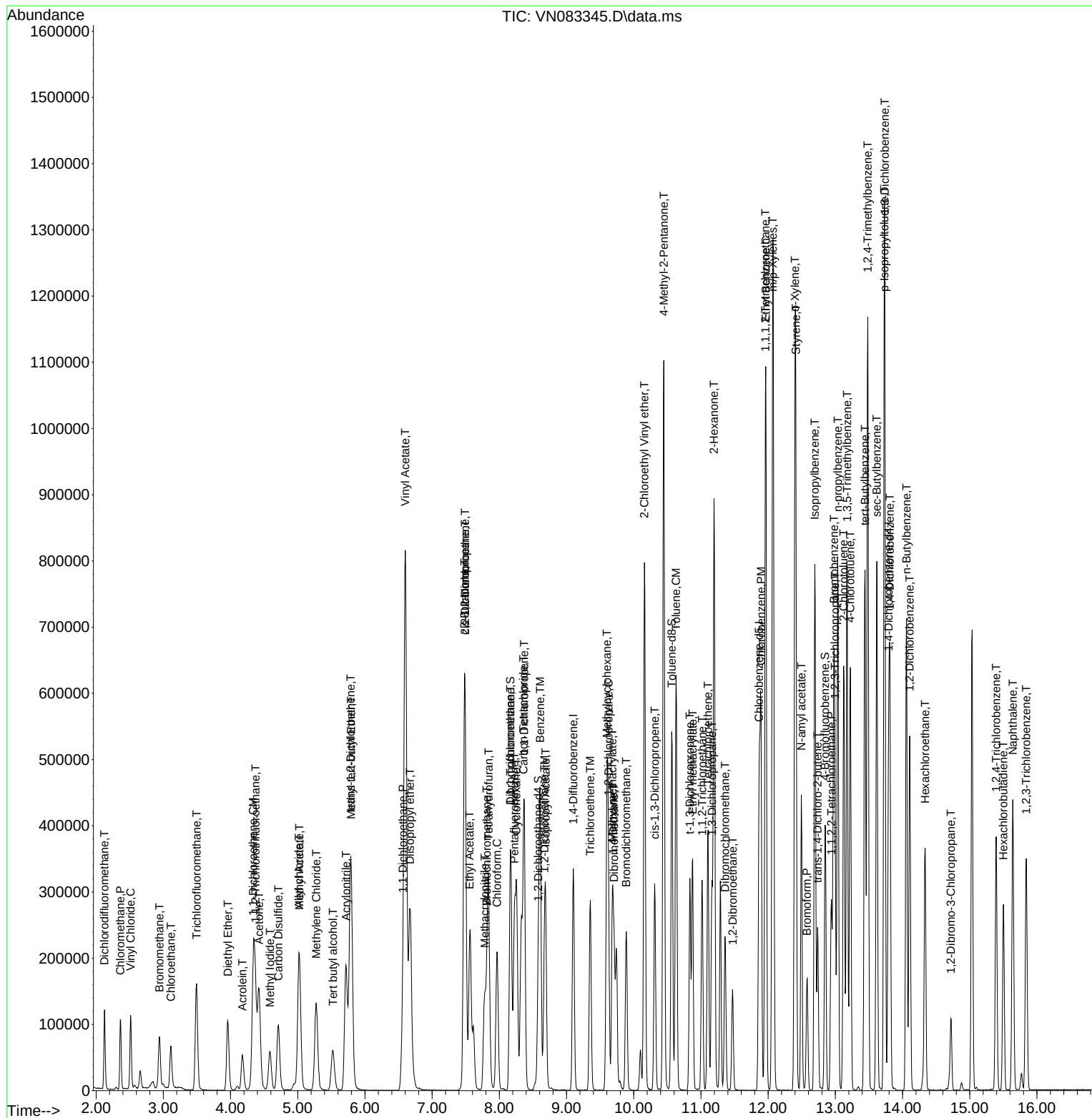
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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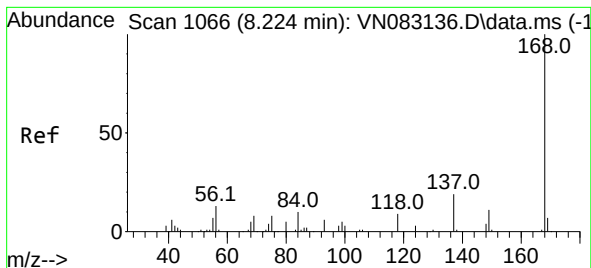
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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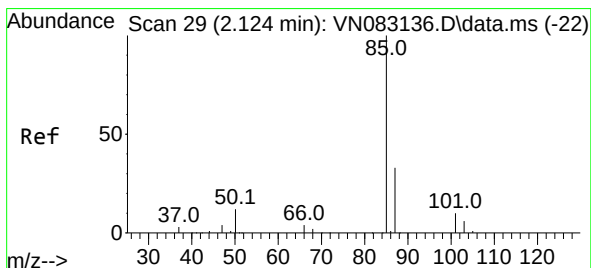
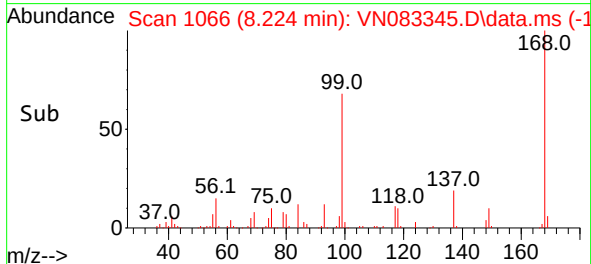
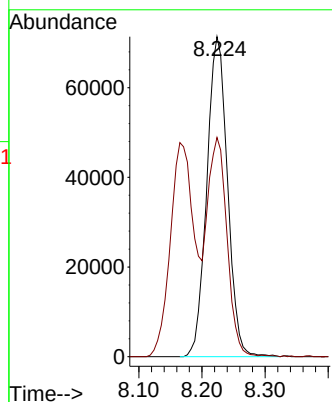
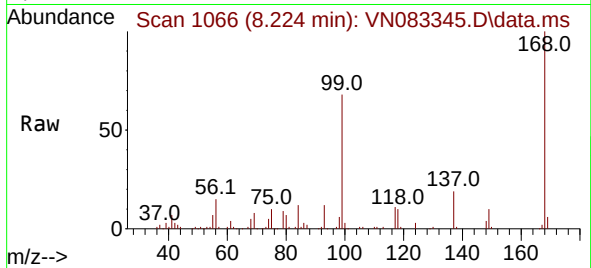




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083345.D
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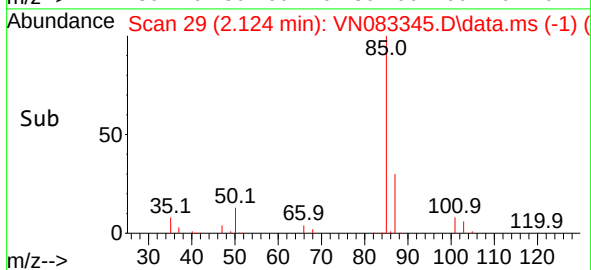
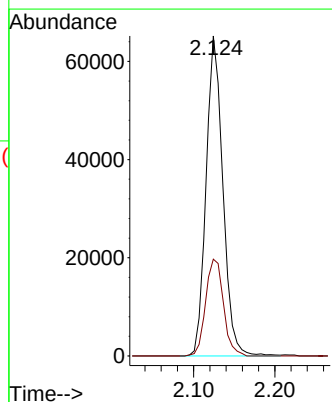
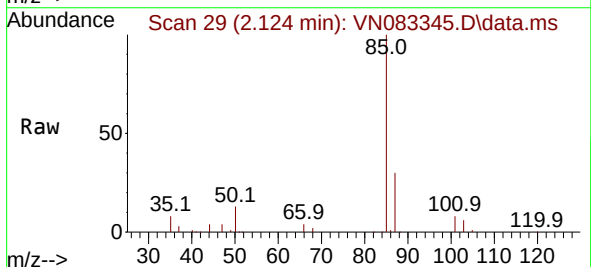
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

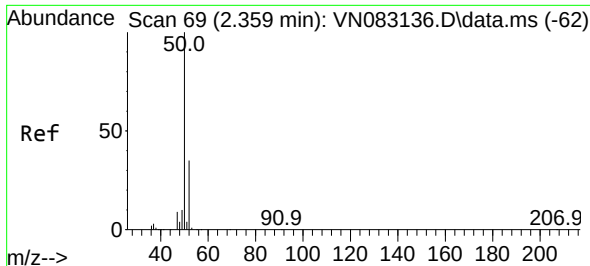
Tgt Ion:168 Resp: 162245
Ion Ratio Lower Upper
168 100
99 68.5 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 50.836 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

Tgt Ion: 85 Resp: 93531
Ion Ratio Lower Upper
85 100
87 30.2 15.7 47.0

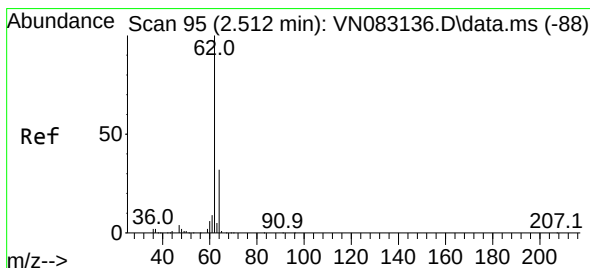
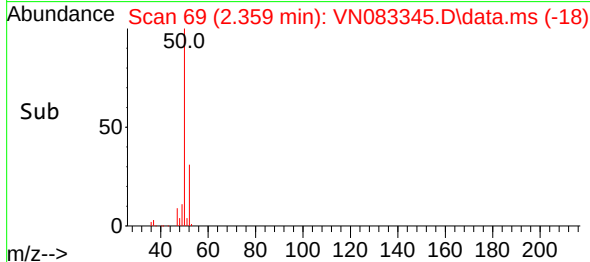
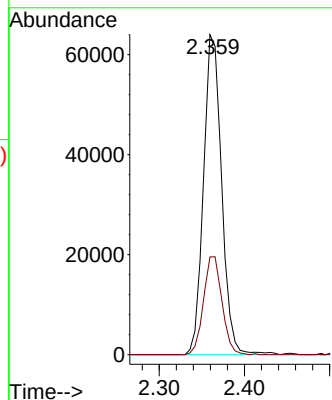
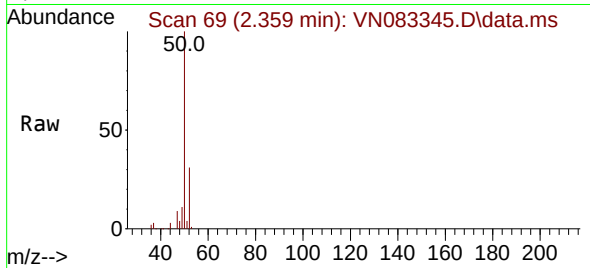




#3
Chloromethane
Concen: 50.314 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

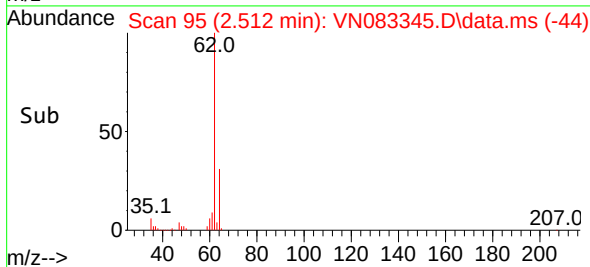
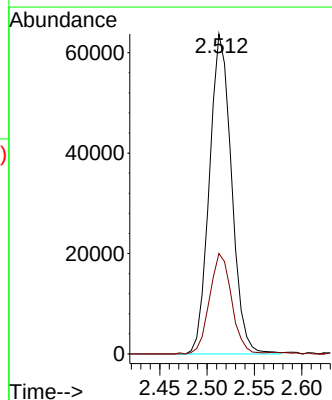
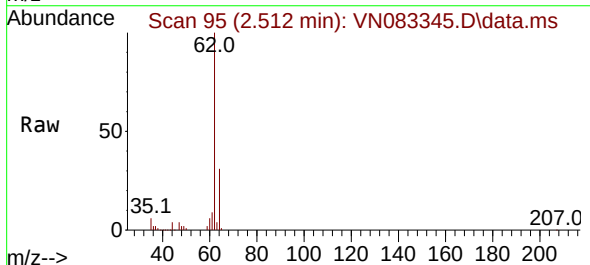
Instrument :
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ClientSampleId :
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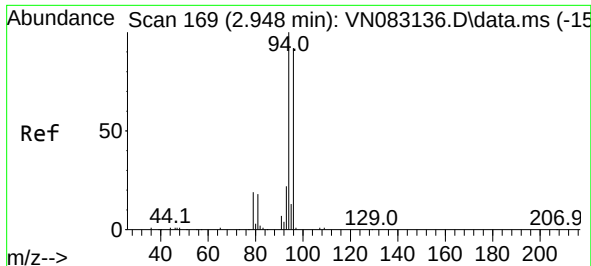
Tgt Ion: 50 Resp: 94774
Ion Ratio Lower Upper
50 100
52 30.6 25.0 37.4



#4
Vinyl Chloride
Concen: 53.962 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

Tgt Ion: 62 Resp: 103719
Ion Ratio Lower Upper
62 100
64 31.1 25.0 37.6

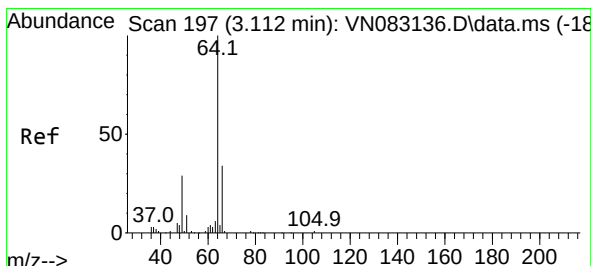
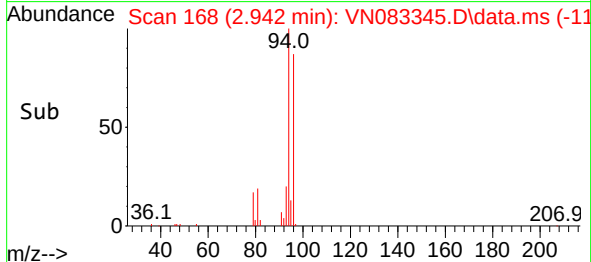
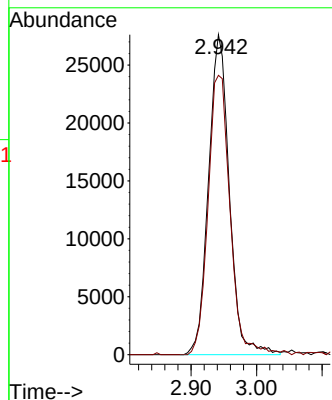
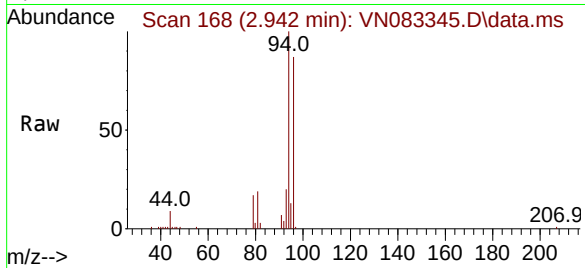




#5
Bromomethane
Concen: 51.062 ug/l
RT: 2.942 min Scan# 168
Delta R.T. -0.006 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

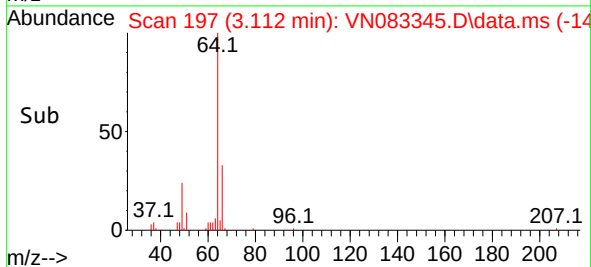
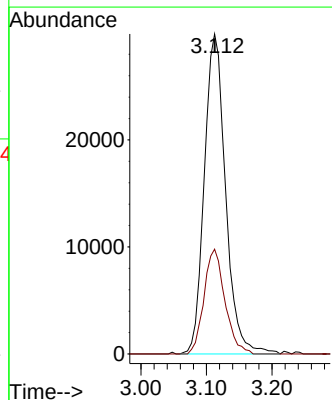
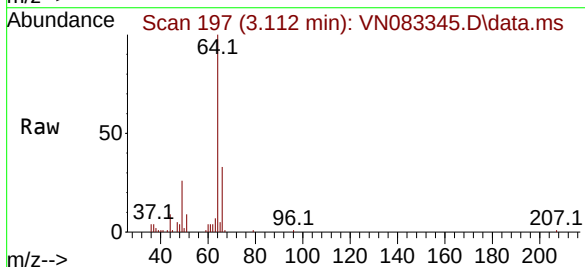
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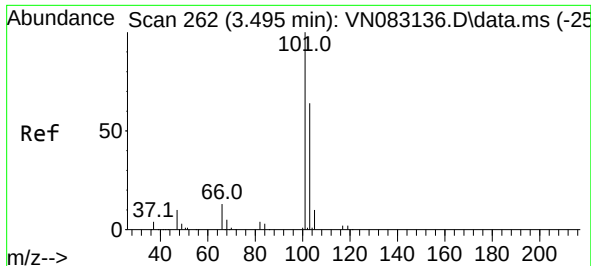
Tgt Ion: 94 Resp: 60899
Ion Ratio Lower Upper
94 100
96 87.3 78.0 117.0



#6
Chloroethane
Concen: 56.113 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

Tgt Ion: 64 Resp: 67476
Ion Ratio Lower Upper
64 100
66 32.8 26.6 40.0

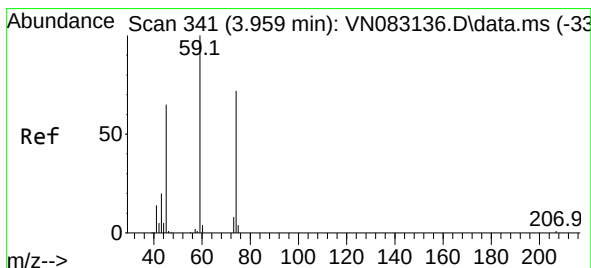
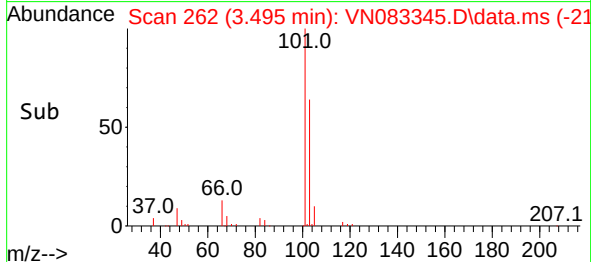
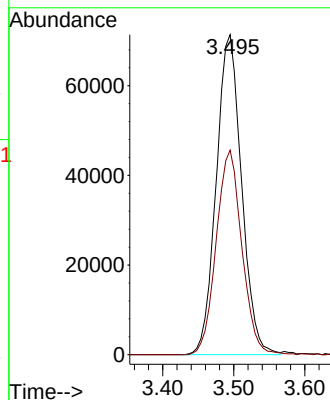
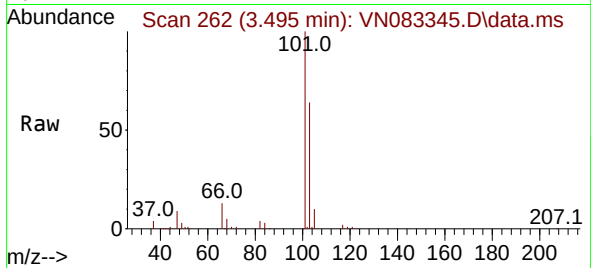




#7
 Trichlorofluoromethane
 Concen: 55.629 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. -0.000 min
 Lab File: VN083345.D
 Acq: 16 Aug 2024 11:14

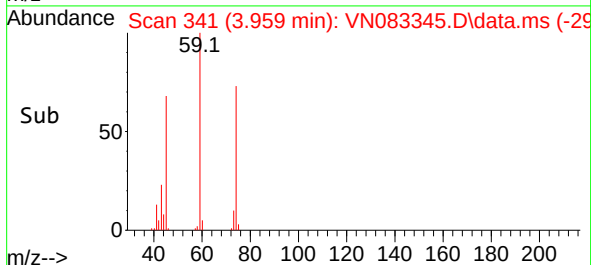
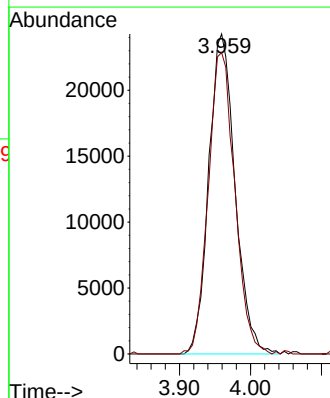
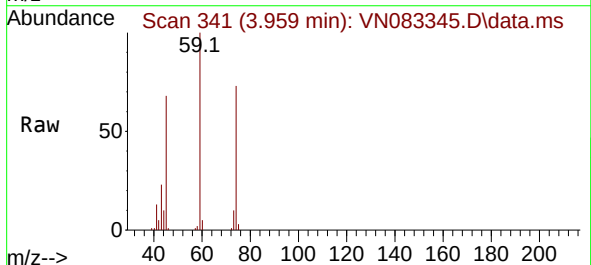
Instrument :
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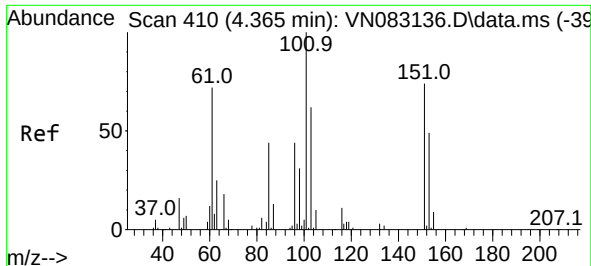
Tgt Ion:101 Resp: 176635
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.7 79.1



#8
 Diethyl Ether
 Concen: 52.813 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN083345.D
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Tgt Ion: 74 Resp: 62400
 Ion Ratio Lower Upper
 74 100
 45 94.8 55.5 166.3

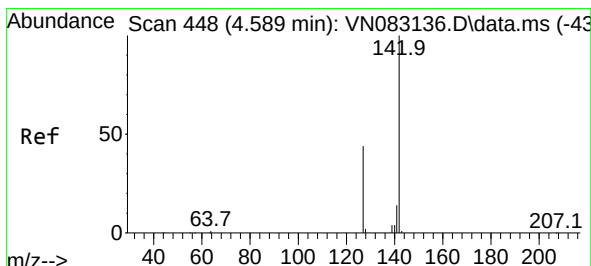
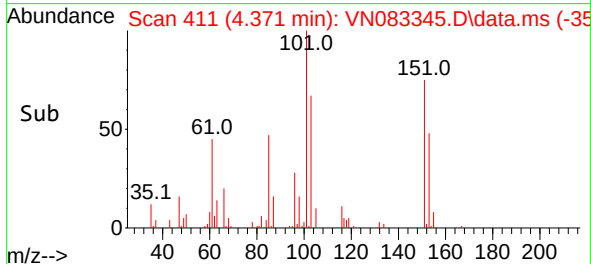
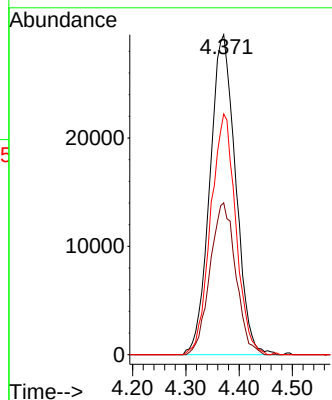
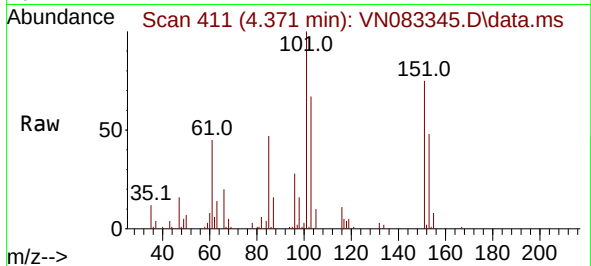




#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.562 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

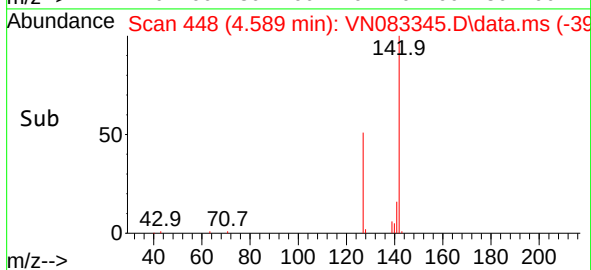
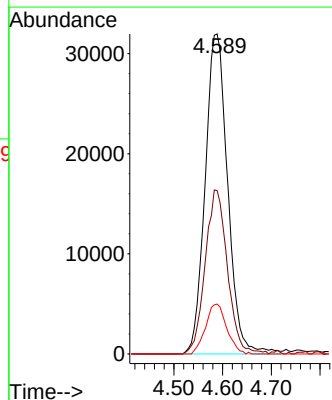
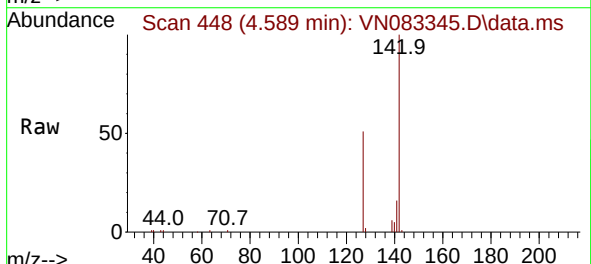
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

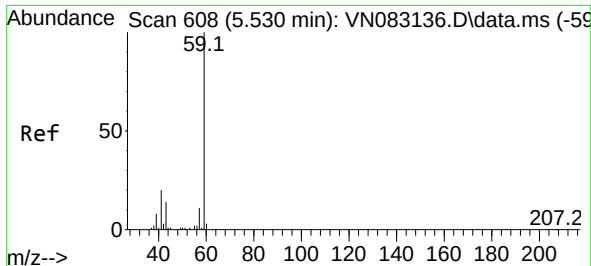
Tgt Ion:101 Resp: 99018
Ion Ratio Lower Upper
101 100
85 47.5 38.3 57.5
151 73.5 59.3 88.9



#10
Methyl Iodide
Concen: 44.659 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

Tgt Ion:142 Resp: 102840
Ion Ratio Lower Upper
142 100
127 51.1 37.5 56.3
141 15.6 13.1 19.7

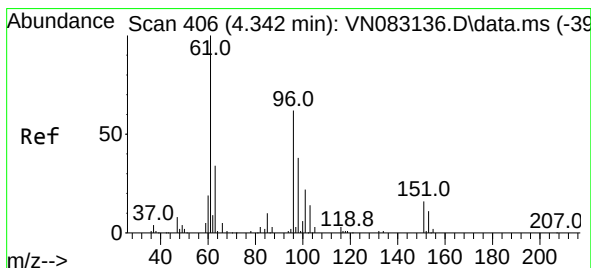
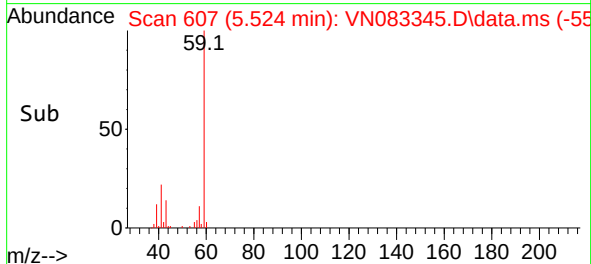
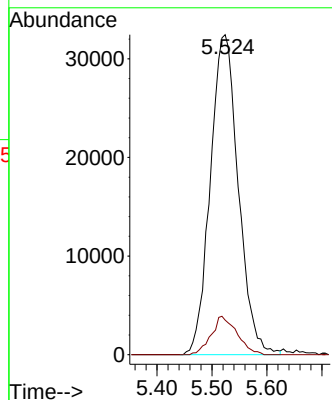
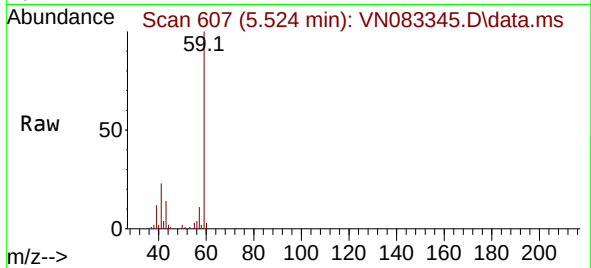




#11
Tert butyl alcohol
Concen: 239.614 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

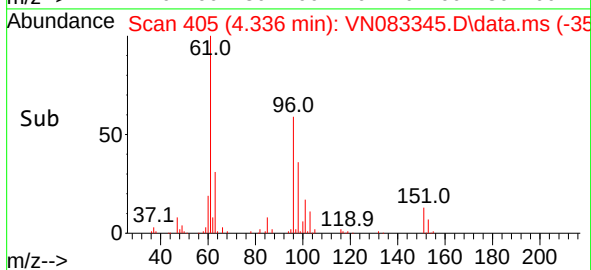
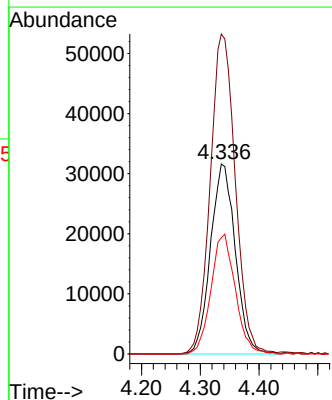
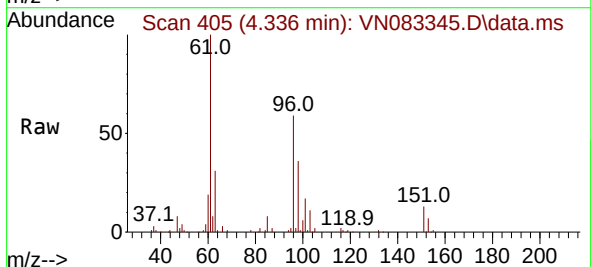
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

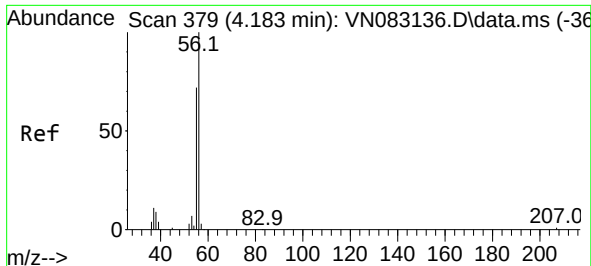
Tgt Ion: 59 Resp: 114998
Ion Ratio Lower Upper
59 100
57 11.0 8.9 13.3



#12
1,1-Dichloroethene
Concen: 51.612 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

Tgt Ion: 96 Resp: 92826
Ion Ratio Lower Upper
96 100
61 168.5 149.7 224.5
98 61.1 50.1 75.1

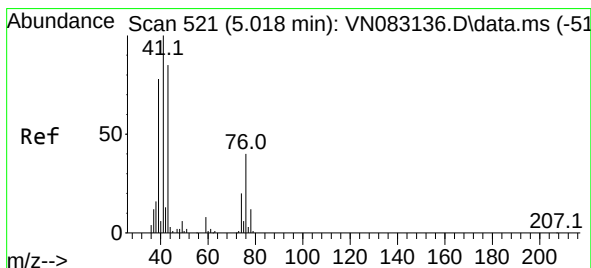
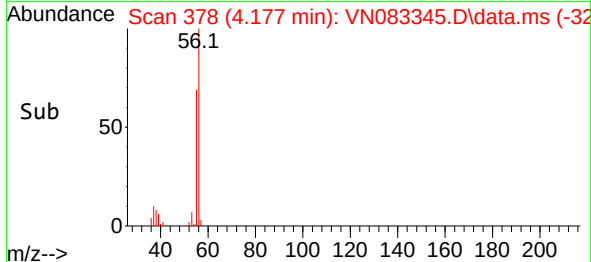
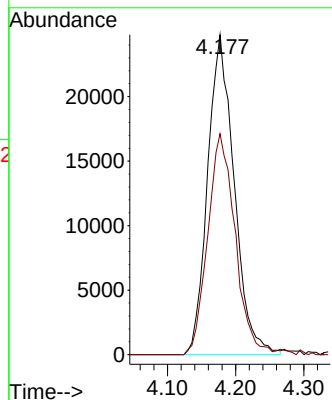
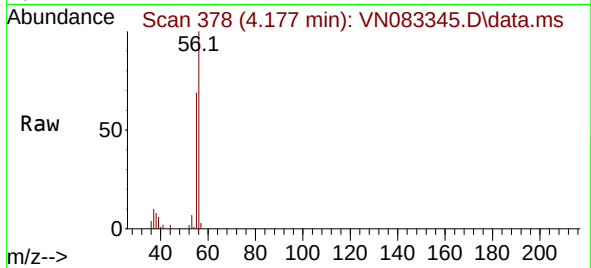




#13
Acrolein
Concen: 214.718 ug/l
RT: 4.177 min Scan# 379
Delta R.T. -0.006 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

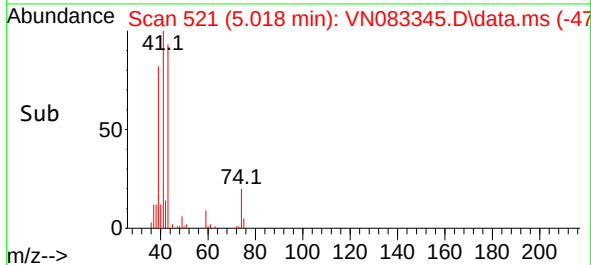
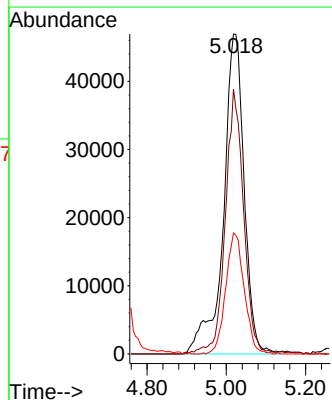
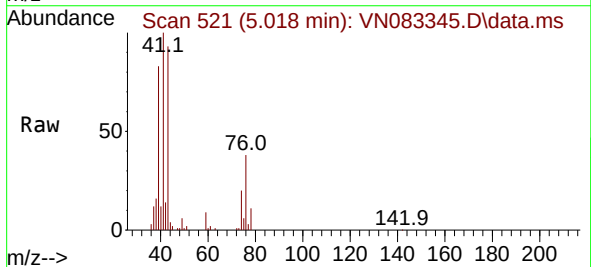
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

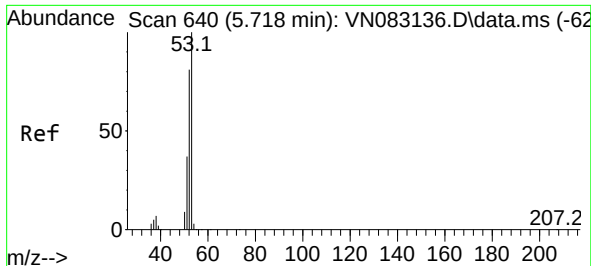
Tgt Ion: 56 Resp: 67162
Ion Ratio Lower Upper
56 100
55 71.3 56.4 84.6



#14
Allyl chloride
Concen: 50.285 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

Tgt Ion: 41 Resp: 170906
Ion Ratio Lower Upper
41 100
39 72.7 67.8 101.6
76 33.8 25.8 38.8

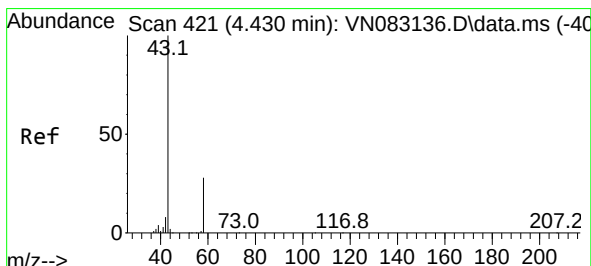
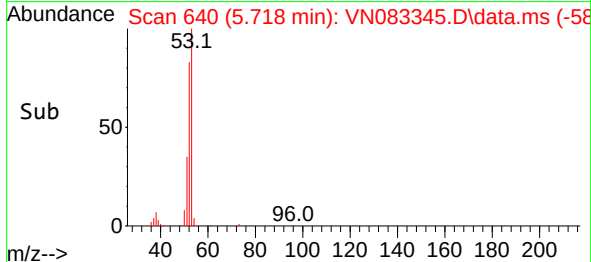
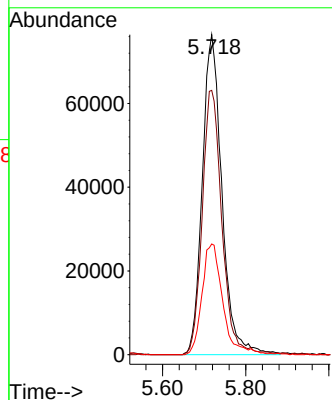
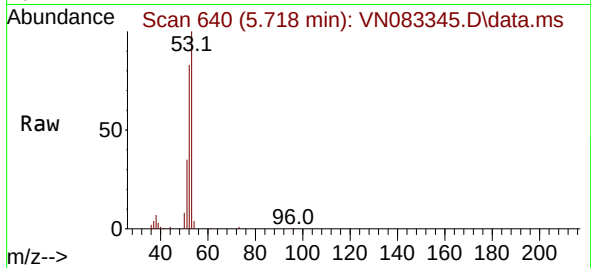




#15
Acrylonitrile
Concen: 254.351 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

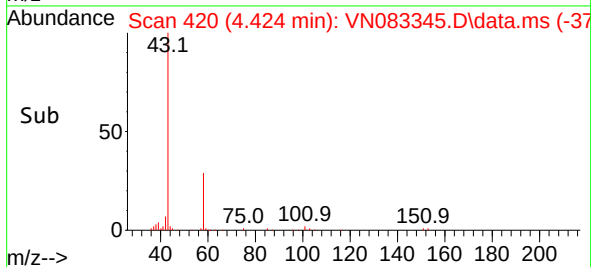
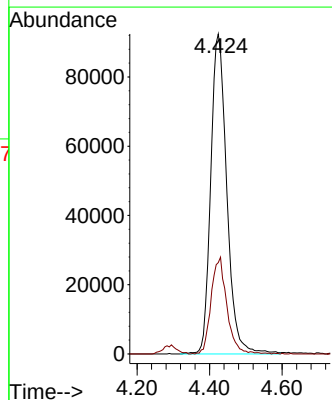
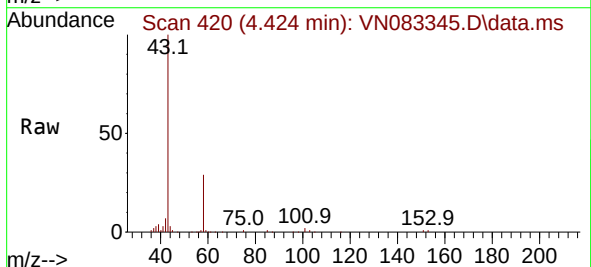
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

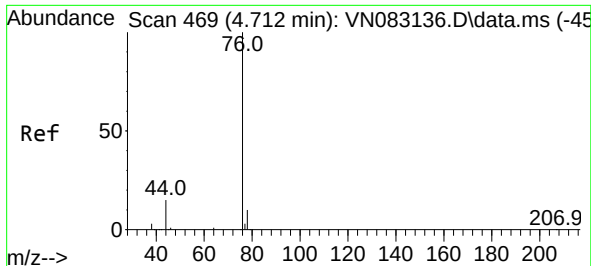
Tgt Ion: 53 Resp: 251056
Ion Ratio Lower Upper
53 100
52 82.6 66.6 100.0
51 36.5 30.1 45.1



#16
Acetone
Concen: 314.596 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

Tgt Ion: 43 Resp: 284285
Ion Ratio Lower Upper
43 100
58 28.5 21.8 32.6

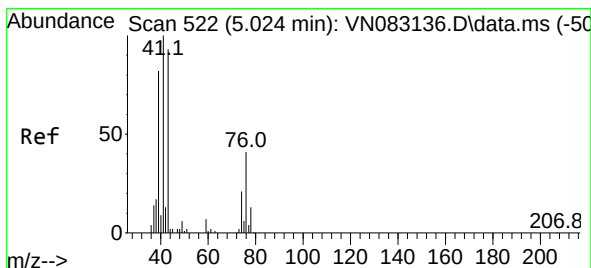
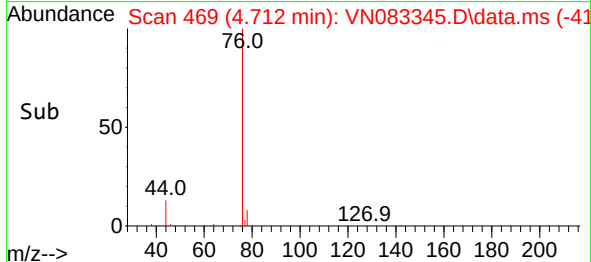
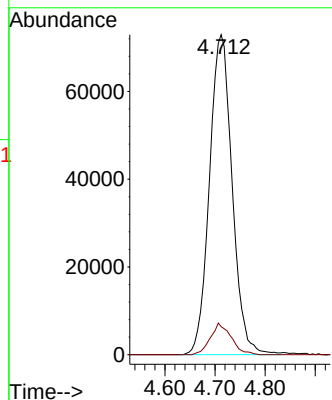
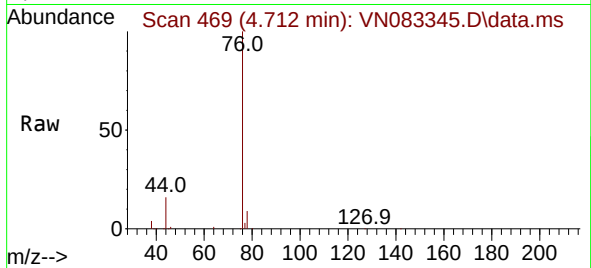




#17
Carbon Disulfide
Concen: 43.601 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

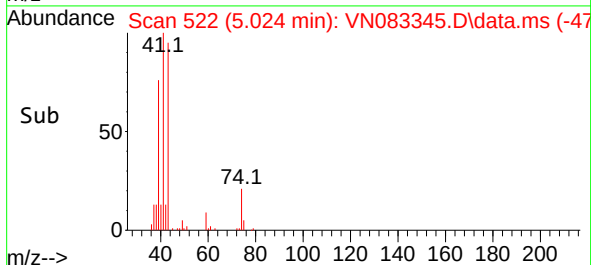
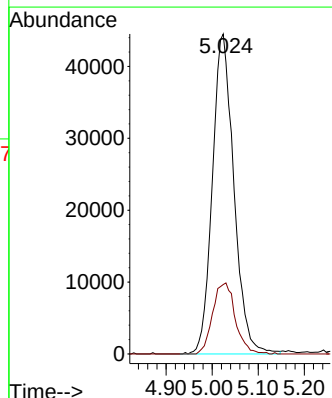
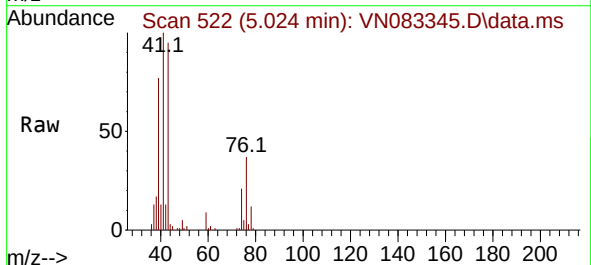
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

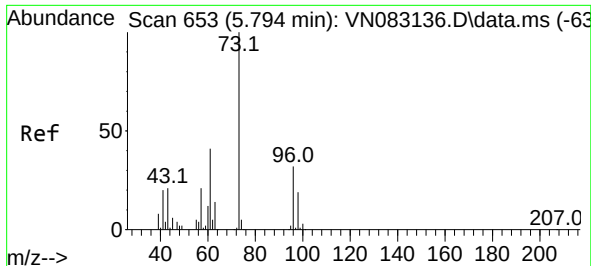
Tgt Ion: 76 Resp: 229448
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8



#18
Methyl Acetate
Concen: 53.617 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

Tgt Ion: 43 Resp: 144356
Ion Ratio Lower Upper
43 100
74 23.3 16.3 24.5

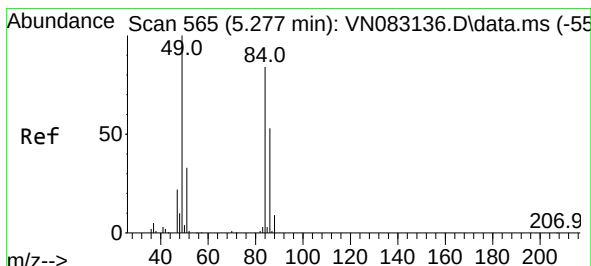
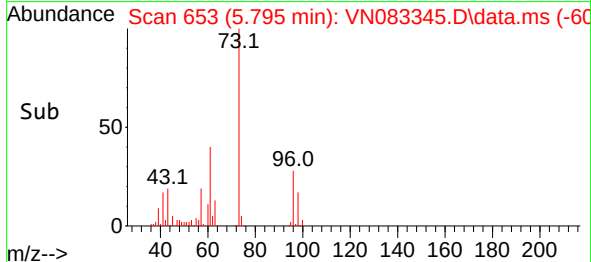
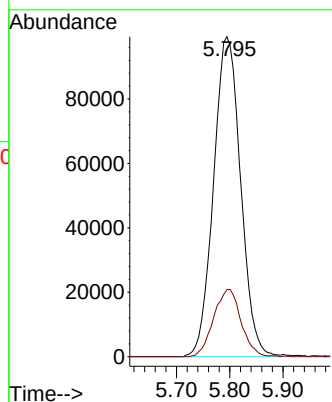
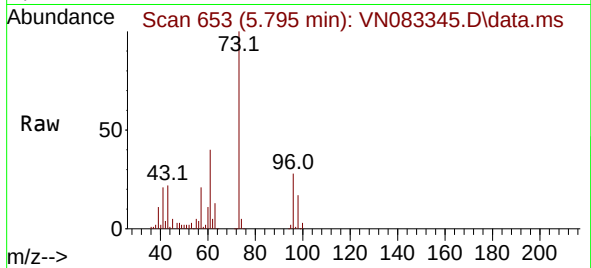




#19
Methyl tert-butyl Ether
Concen: 53.933 ug/l
RT: 5.795 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

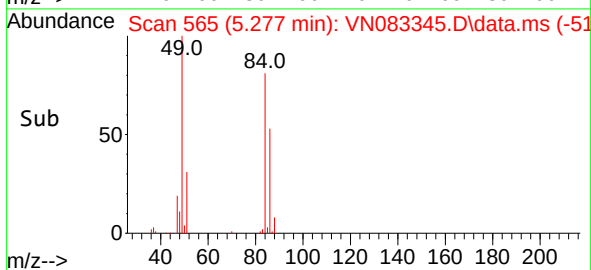
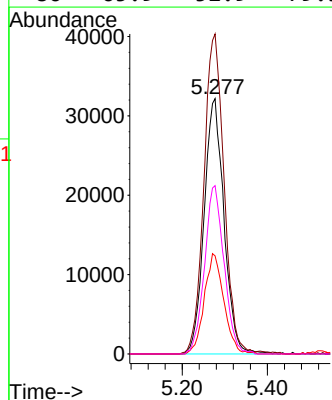
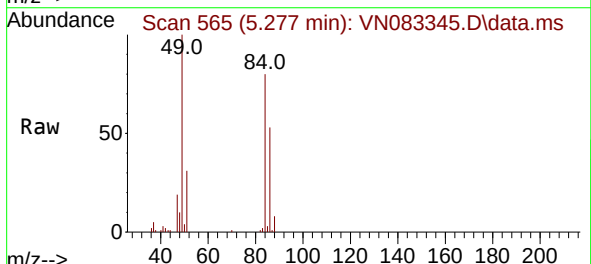
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

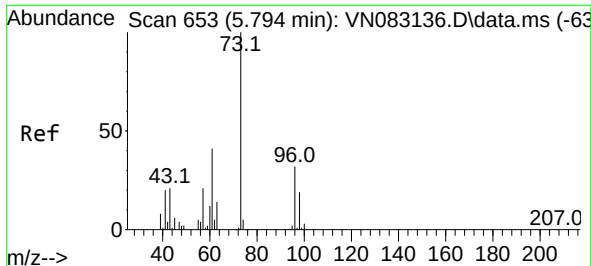
Tgt Ion: 73 Resp: 350119
Ion Ratio Lower Upper
73 100
57 20.9 17.9 26.9



#20
Methylene Chloride
Concen: 50.126 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

Tgt Ion: 84 Resp: 104248
Ion Ratio Lower Upper
84 100
49 125.3 119.6 179.4
51 38.4 34.8 52.2
86 65.9 52.9 79.3

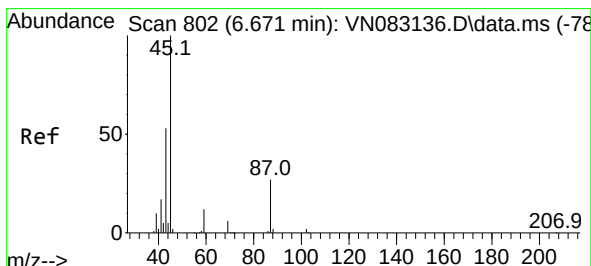
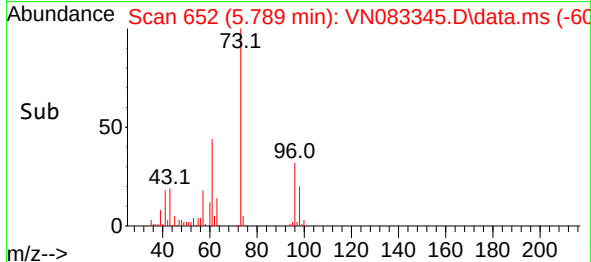
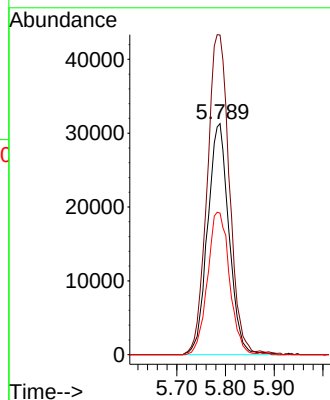
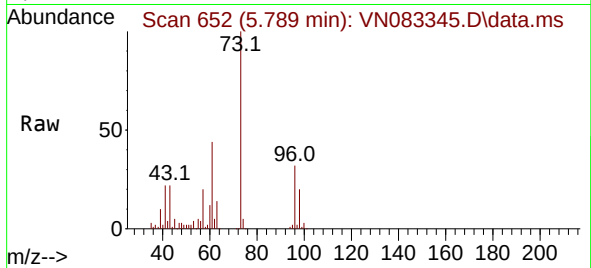




#21
trans-1,2-Dichloroethene
Concen: 51.252 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

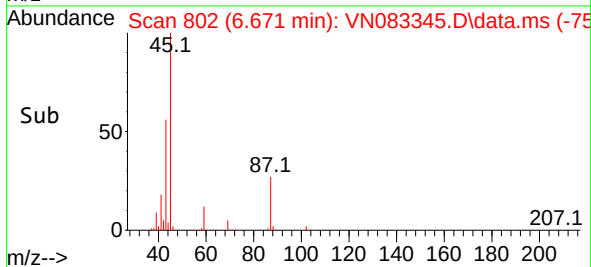
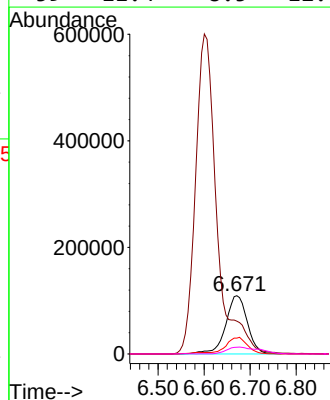
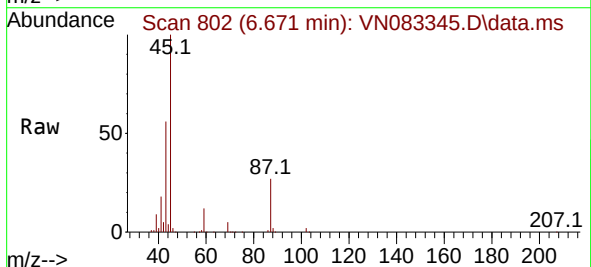
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

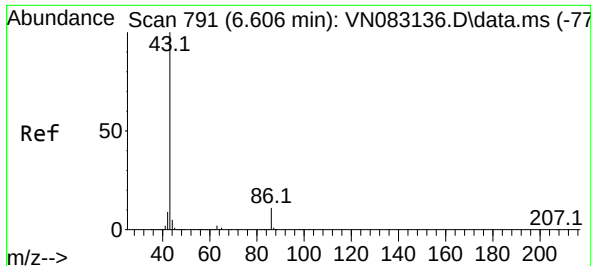
Tgt Ion: 96 Resp: 95271
Ion Ratio Lower Upper
96 100
61 138.4 123.4 185.2
98 61.3 49.3 73.9



#22
Diisopropyl ether
Concen: 55.976 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

Tgt Ion: 45 Resp: 357614
Ion Ratio Lower Upper
45 100
43 54.6 44.0 66.0
87 27.1 19.7 29.5
59 11.4 8.5 12.7

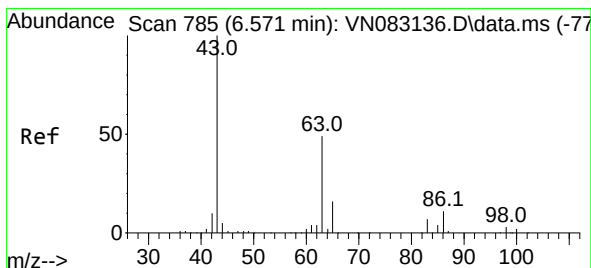
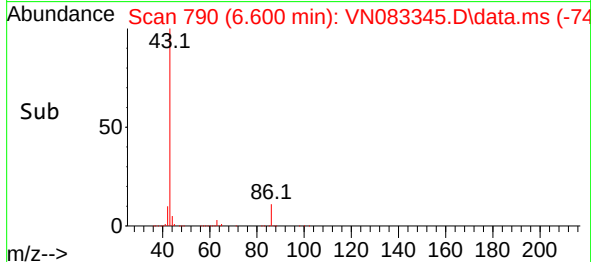
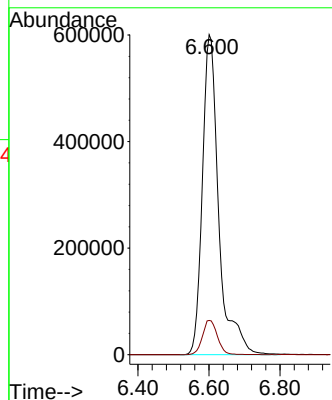
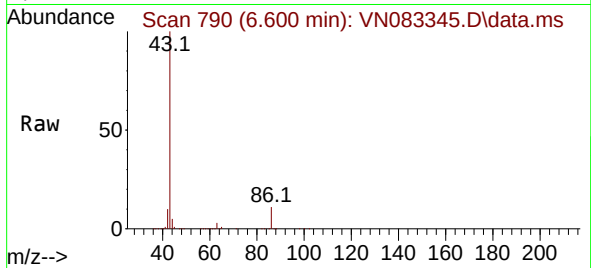




#23
 Vinyl Acetate
 Concen: 294.252 ug/l
 RT: 6.600 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN083345.D
 Acq: 16 Aug 2024 11:14

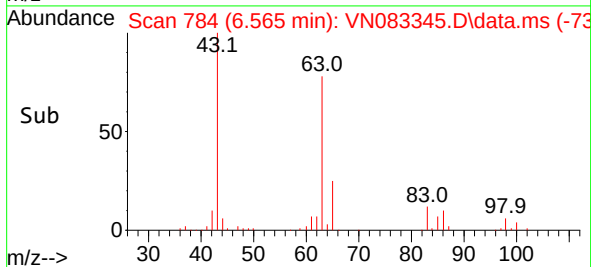
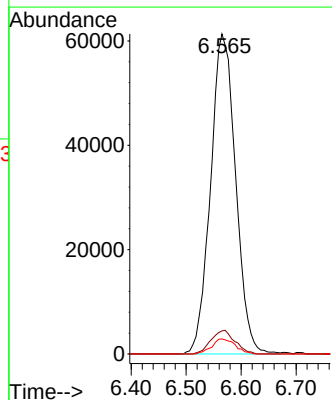
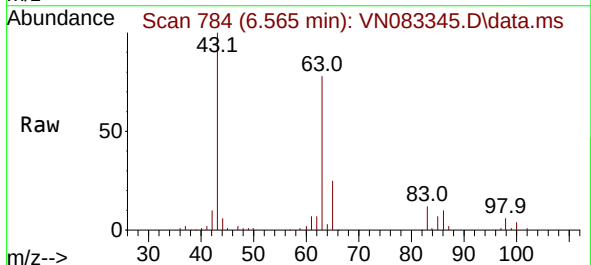
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

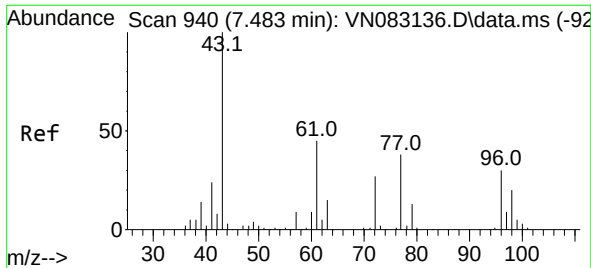
Tgt Ion: 43 Resp: 1926852
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 55.801 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN083345.D
 Acq: 16 Aug 2024 11:14

Tgt Ion: 63 Resp: 194315
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.3 9.9
 100 4.7 2.0 6.0

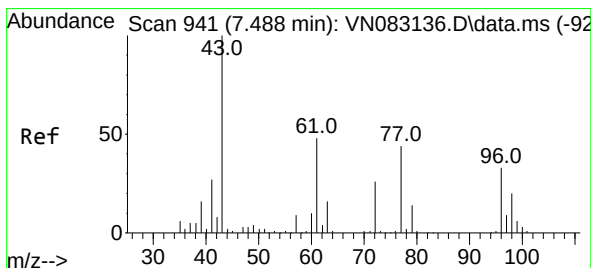
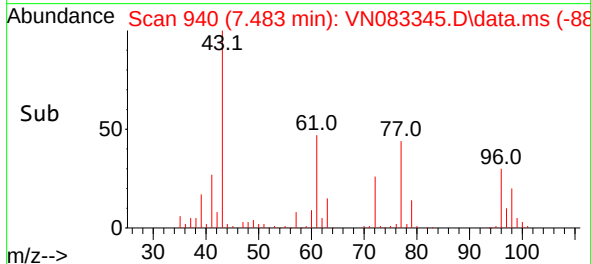
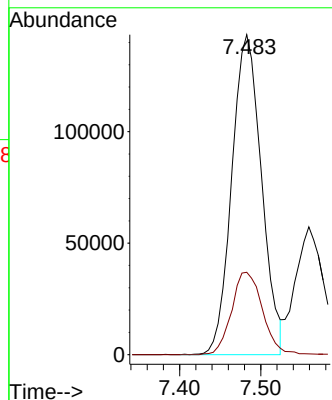
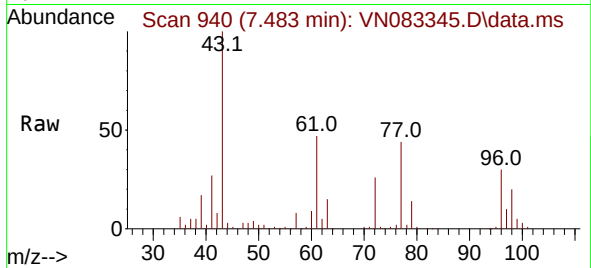




#25
2-Butanone
Concen: 262.847 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

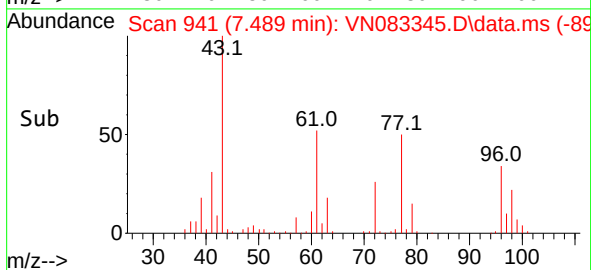
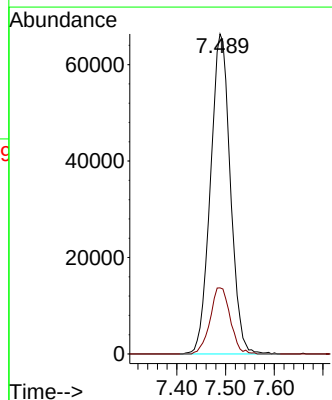
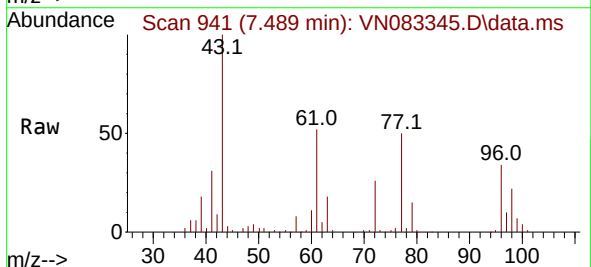
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MSVOA_N
ClientSampleId :
VSTDCCC050

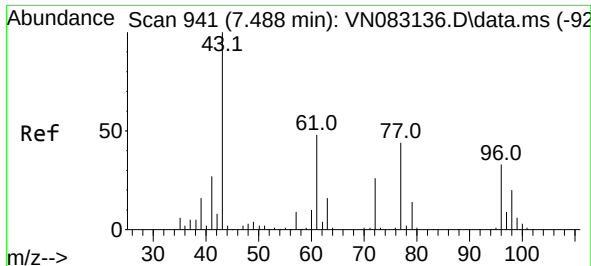
Tgt Ion: 43 Resp: 364707
Ion Ratio Lower Upper
43 100
72 25.7 18.2 27.2



#26
2,2-Dichloropropane
Concen: 58.125 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

Tgt Ion: 77 Resp: 187973
Ion Ratio Lower Upper
77 100
97 20.8 10.3 30.9



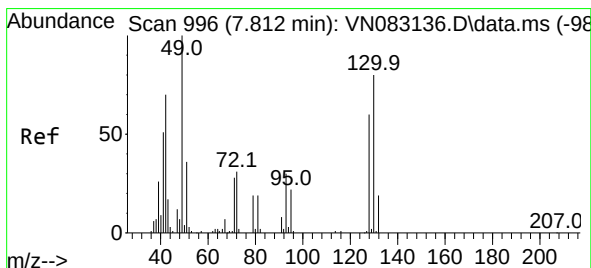
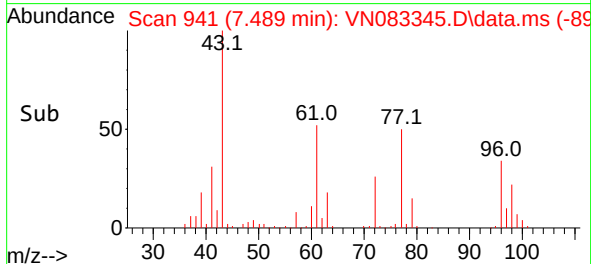
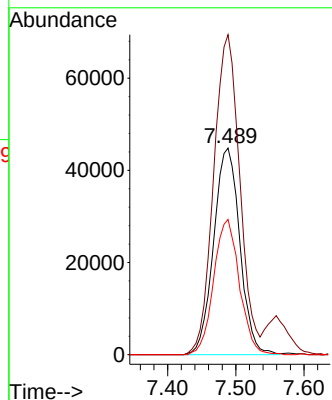
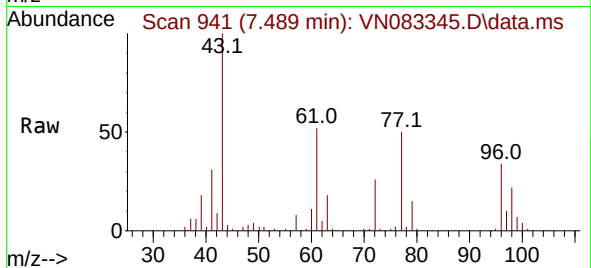


#27
 cis-1,2-Dichloroethene
 Concen: 53.536 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN083345.D
 Acq: 16 Aug 2024 11:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 120086

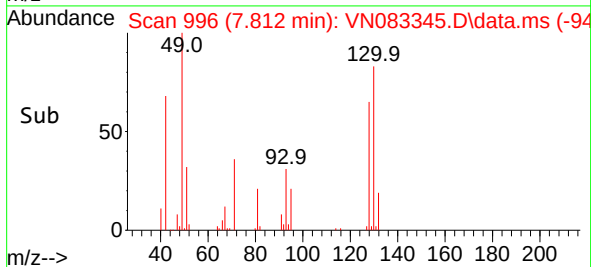
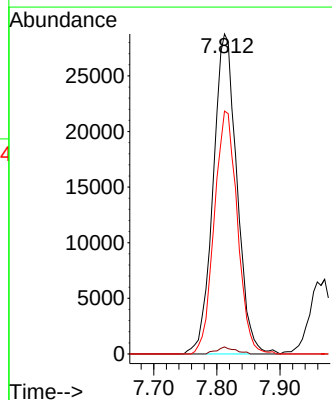
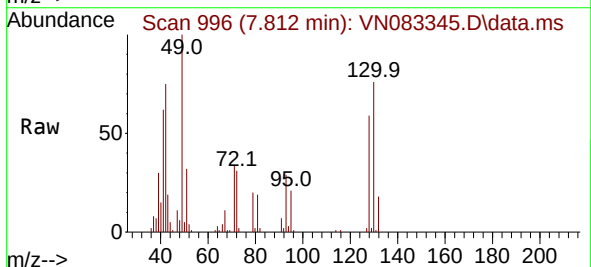
Ion	Ratio	Lower	Upper
96	100		
61	154.3	0.0	329.6
98	64.3	0.0	128.6

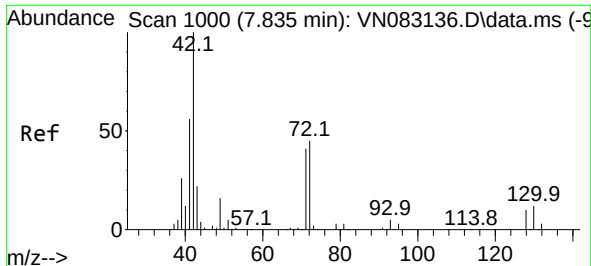


#28
 Bromochloromethane
 Concen: 52.837 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN083345.D
 Acq: 16 Aug 2024 11:14

Tgt Ion: 49 Resp: 75192

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.8
130	73.7	50.5	75.7





#29

Tetrahydrofuran

Concen: 246.099 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN083345.D

Acq: 16 Aug 2024 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

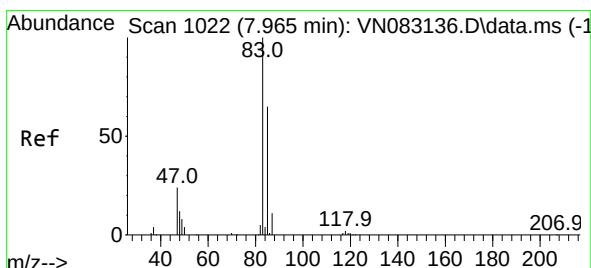
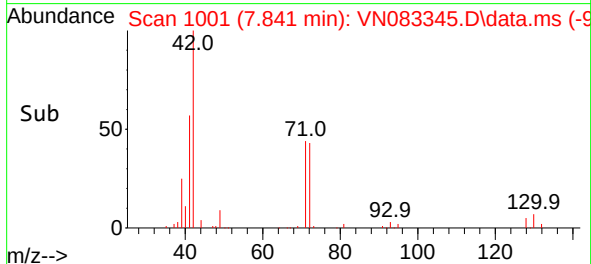
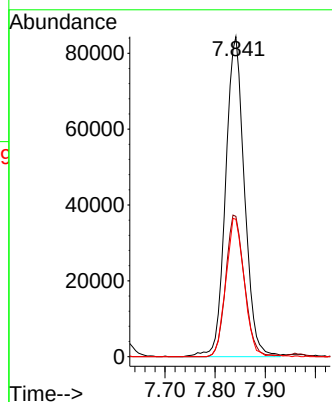
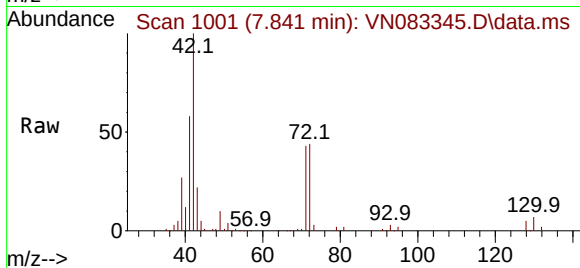
Tgt Ion: 42 Resp: 220737

Ion Ratio Lower Upper

42 100

72 43.8 30.0 45.0

71 42.0 28.3 42.5



#30

Chloroform

Concen: 57.671 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN083345.D

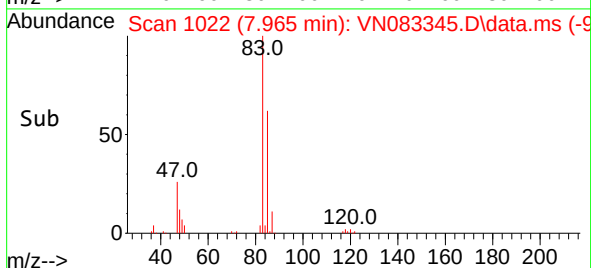
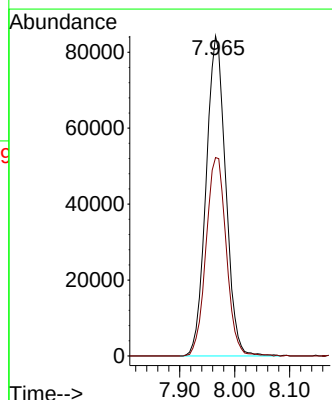
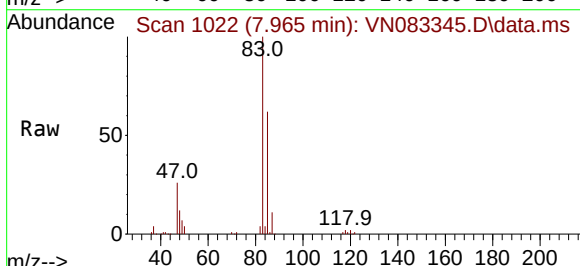
Acq: 16 Aug 2024 11:14

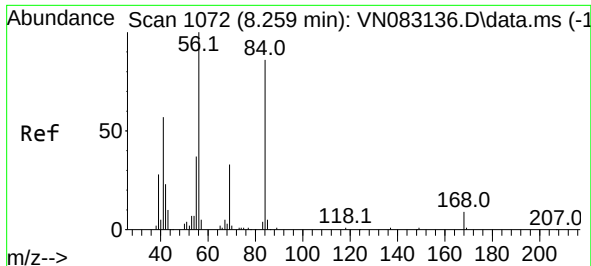
Tgt Ion: 83 Resp: 208643

Ion Ratio Lower Upper

83 100

85 62.0 50.9 76.3

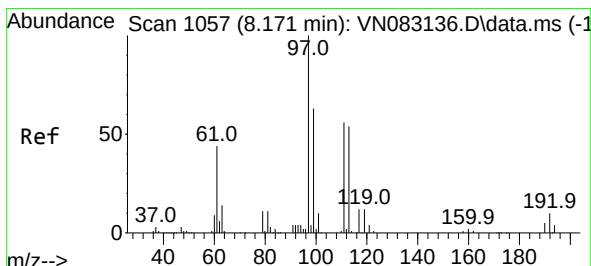
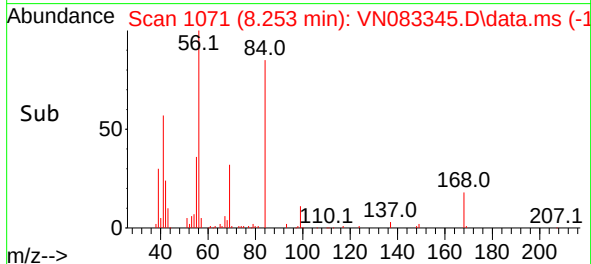
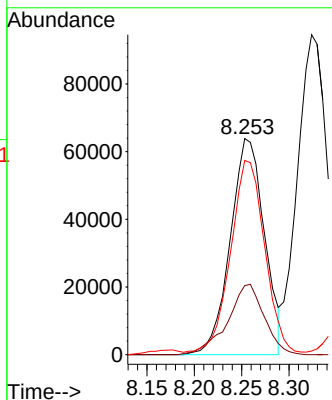
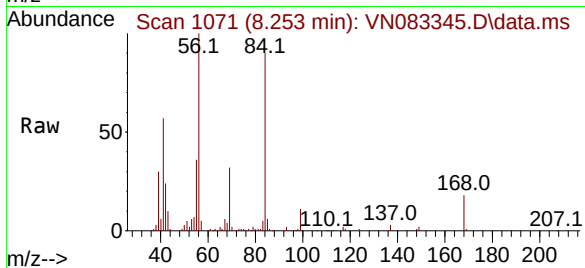




#31
Cyclohexane
Concen: 46.740 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

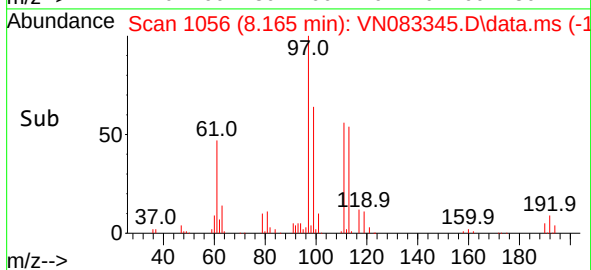
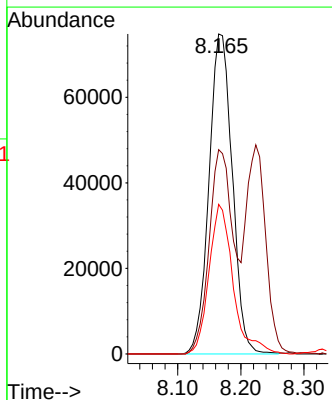
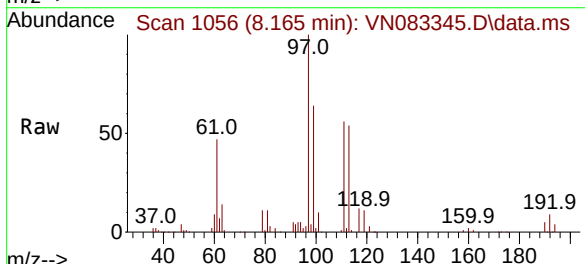
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

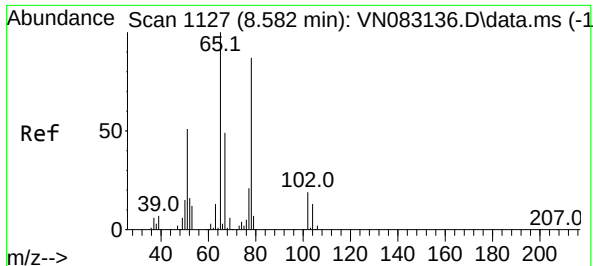
Tgt Ion: 56 Resp: 159959
Ion Ratio Lower Upper
56 100
69 32.0 24.5 36.7
84 88.3 66.0 99.0



#32
1,1,1-Trichloroethane
Concen: 55.983 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

Tgt Ion: 97 Resp: 191710
Ion Ratio Lower Upper
97 100
99 66.9 52.0 78.0
61 48.4 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 58.686 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN083345.D

Acq: 16 Aug 2024 11:14

Instrument :

MSVOA_N

ClientSampleId :

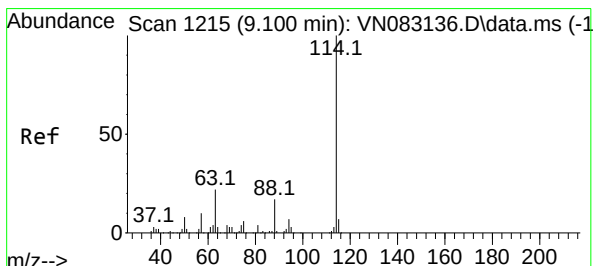
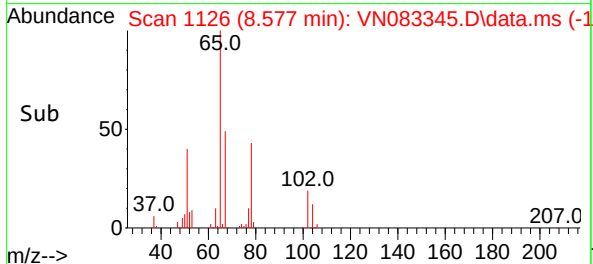
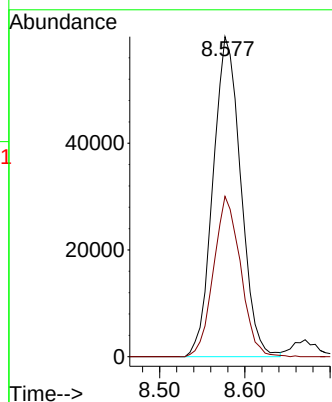
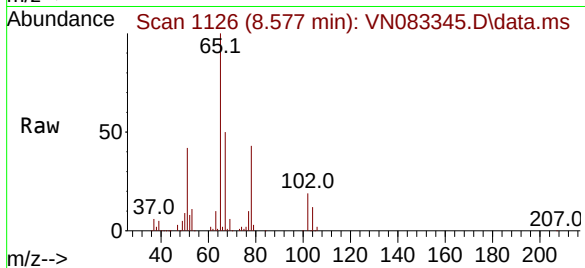
VSTDCCC050

Tgt Ion: 65 Resp: 135527

Ion Ratio Lower Upper

65 100

67 48.9 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083345.D

Acq: 16 Aug 2024 11:14

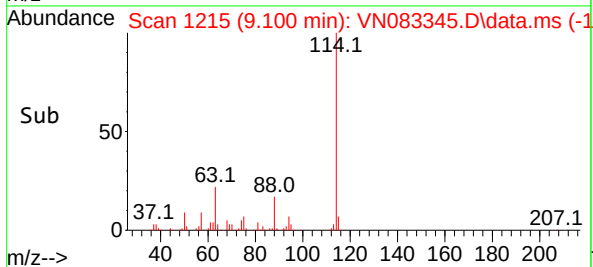
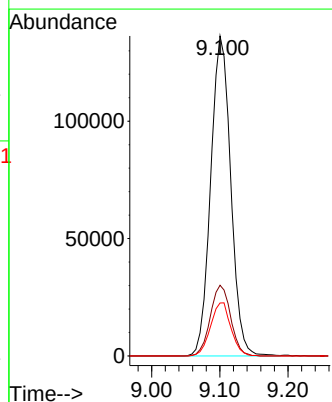
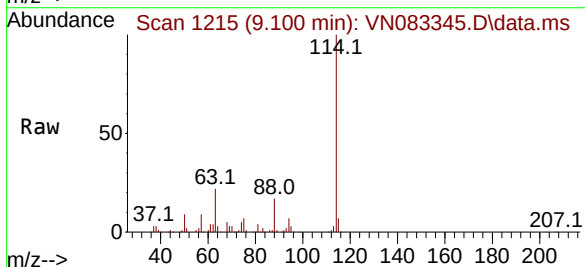
Tgt Ion: 114 Resp: 279047

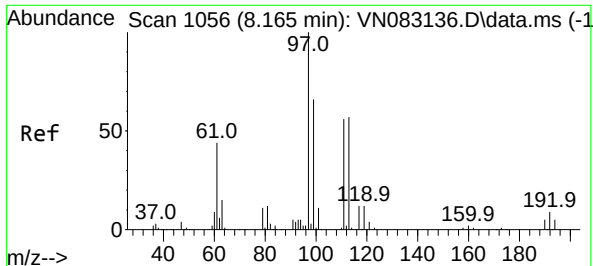
Ion Ratio Lower Upper

114 100

63 22.1 0.0 44.6

88 16.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 56.907 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083345.D

Acq: 16 Aug 2024 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

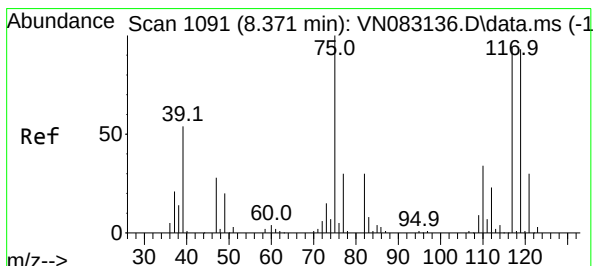
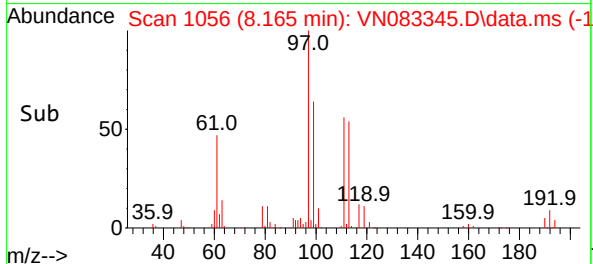
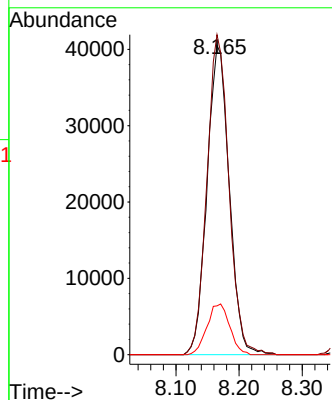
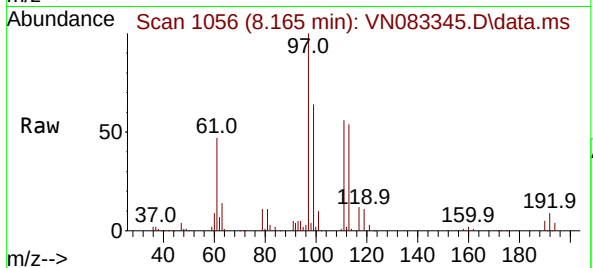
Tgt Ion:113 Resp: 99118

Ion Ratio Lower Upper

113 100

111 102.4 82.4 123.6

192 16.7 14.9 22.3



#36

1,1-Dichloropropene

Concen: 53.262 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN083345.D

Acq: 16 Aug 2024 11:14

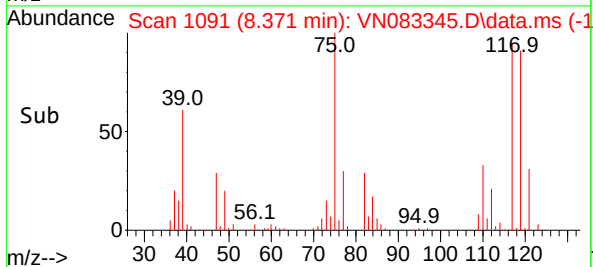
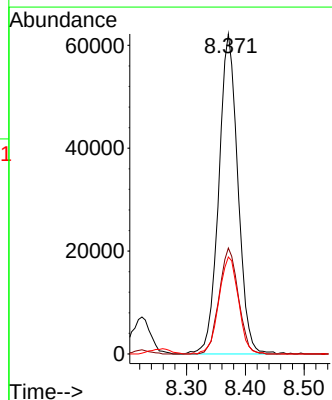
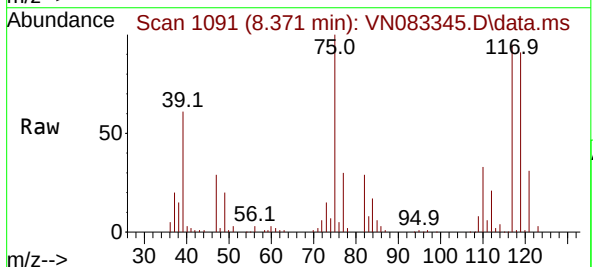
Tgt Ion: 75 Resp: 140333

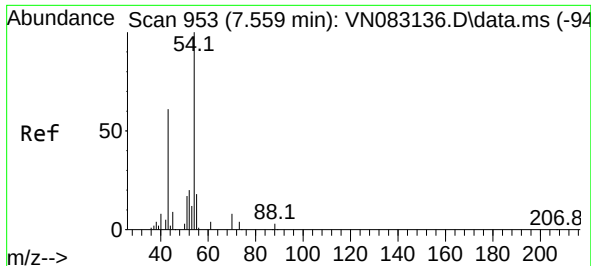
Ion Ratio Lower Upper

75 100

110 33.3 16.3 48.9

77 31.1 24.6 37.0

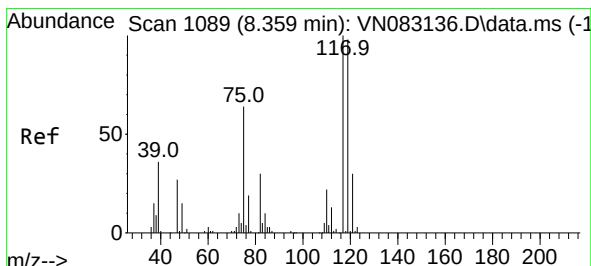
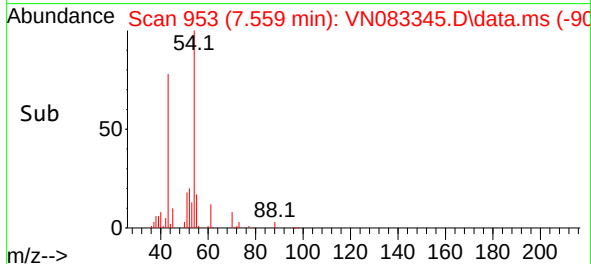
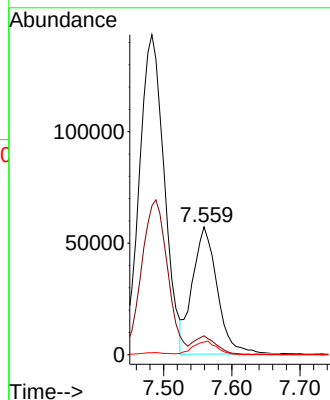
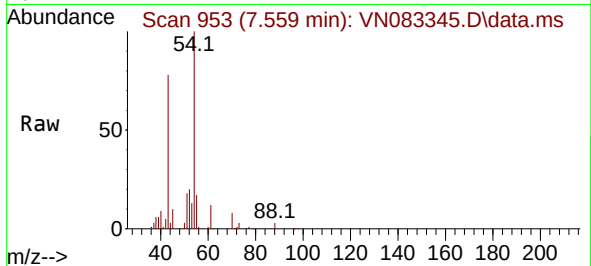




#37
Ethyl Acetate
Concen: 48.688 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

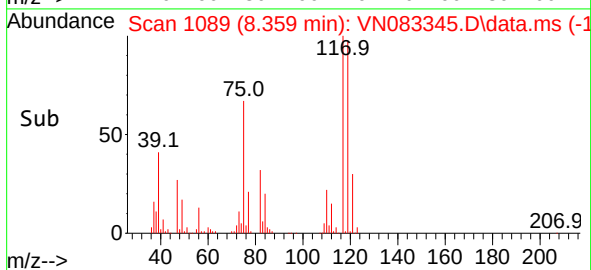
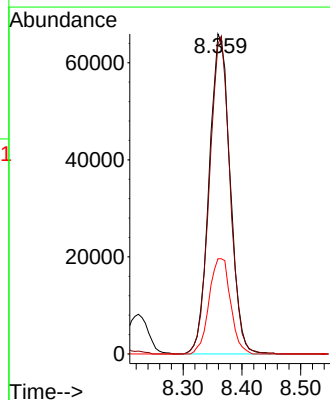
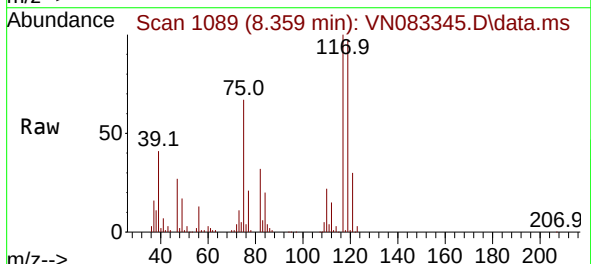
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

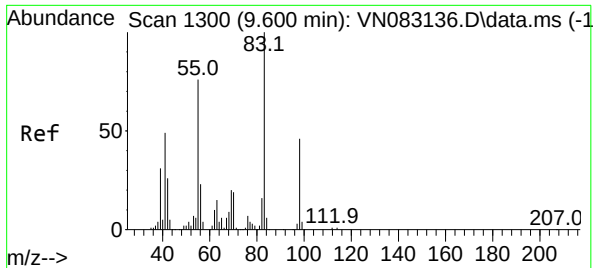
Tgt Ion: 43 Resp: 143634
Ion Ratio Lower Upper
43 100
61 13.4 9.3 13.9
70 10.3 7.0 10.6



#38
Carbon Tetrachloride
Concen: 55.063 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

Tgt Ion: 117 Resp: 163406
Ion Ratio Lower Upper
117 100
119 96.9 74.9 112.3
121 29.8 24.3 36.5

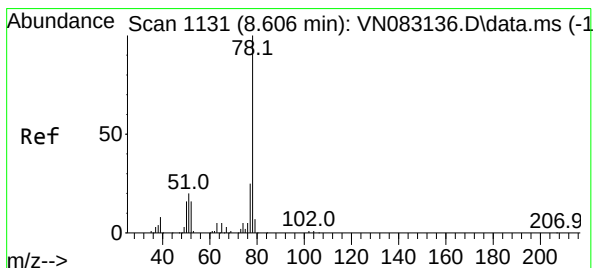
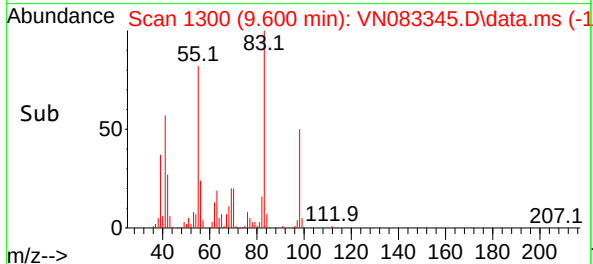
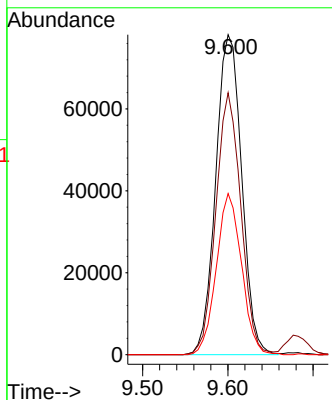
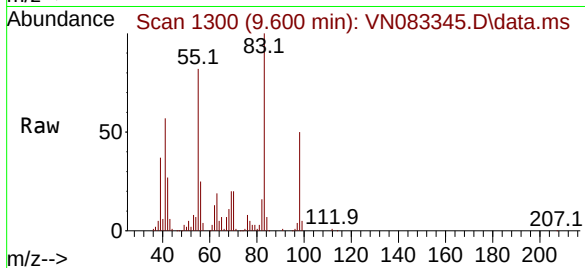




#39
Methylcyclohexane
Concen: 51.181 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. 0.000 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

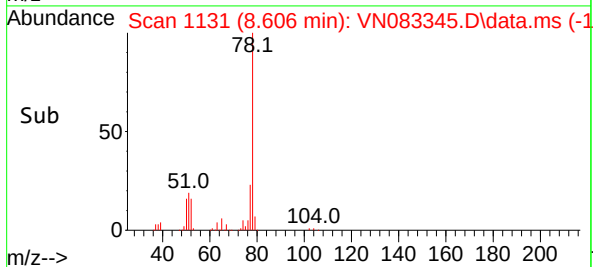
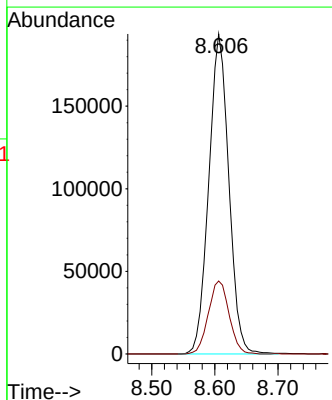
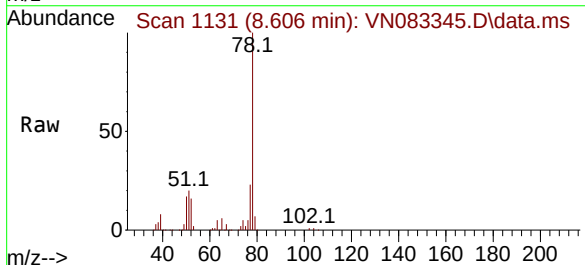
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

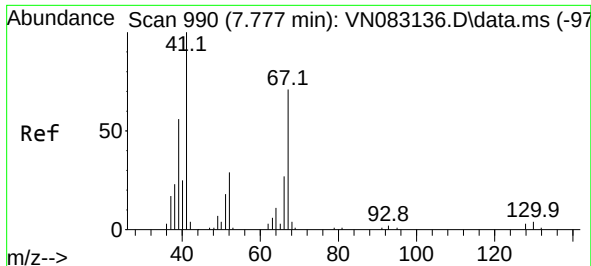
Tgt Ion: 83 Resp: 165633
Ion Ratio Lower Upper
83 100
55 81.9 66.4 99.6
98 50.4 40.7 61.1



#40
Benzene
Concen: 54.343 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

Tgt Ion: 78 Resp: 426544
Ion Ratio Lower Upper
78 100
77 22.8 19.0 28.4

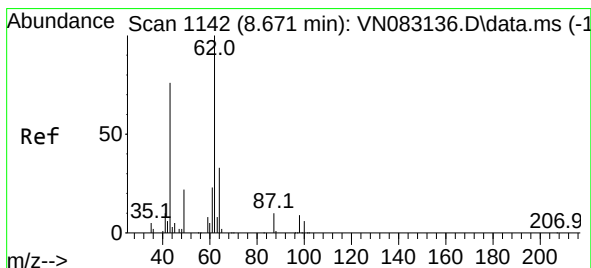
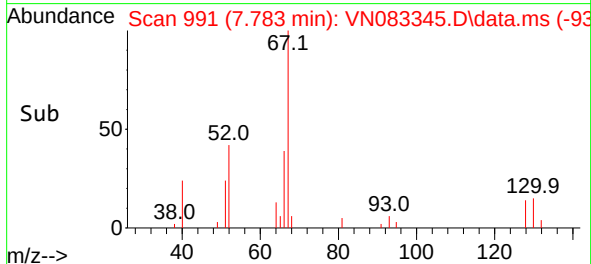
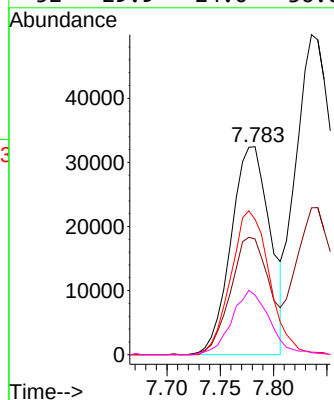
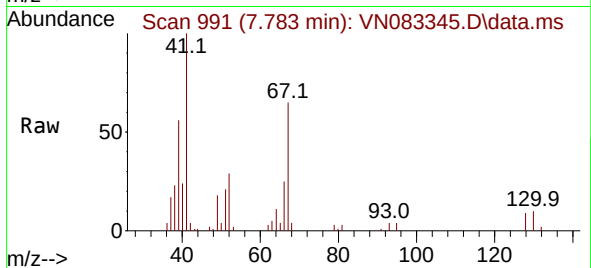




#41
Methacrylonitrile
Concen: 49.671 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

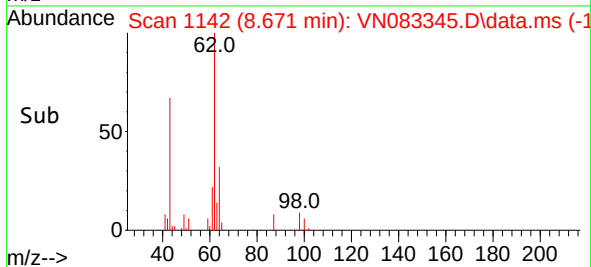
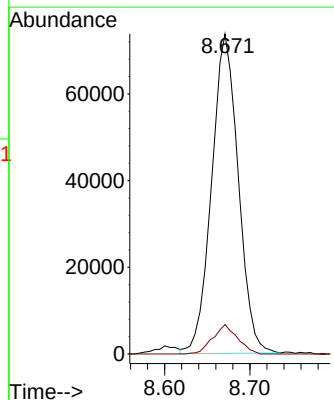
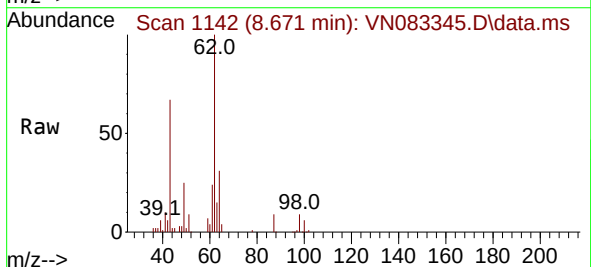
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

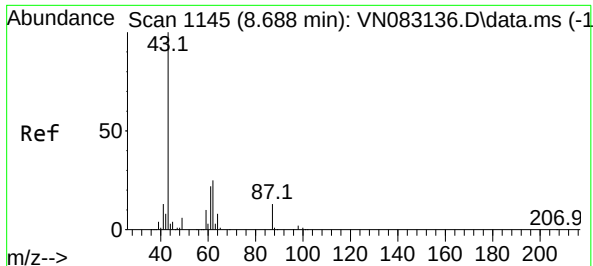
Tgt Ion:	41	Resp:	83316
Ion	Ratio	Lower	Upper
41	100		
39	56.2	45.5	68.3
67	68.2	50.5	75.7
52	29.9	24.0	36.0



#42
1,2-Dichloroethane
Concen: 55.995 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

Tgt Ion:	62	Resp:	160105
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	15.8

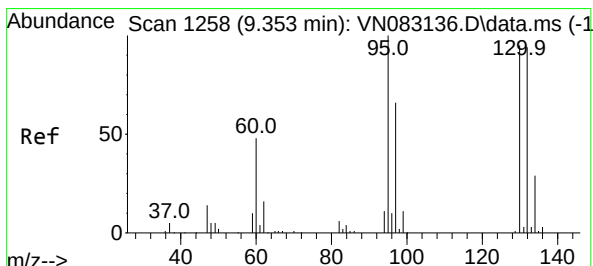
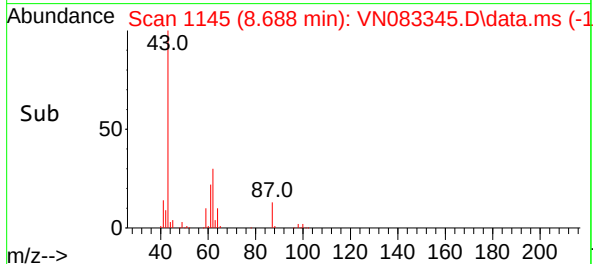
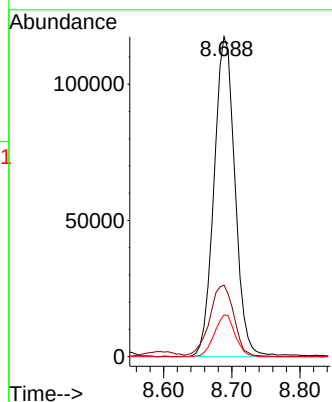
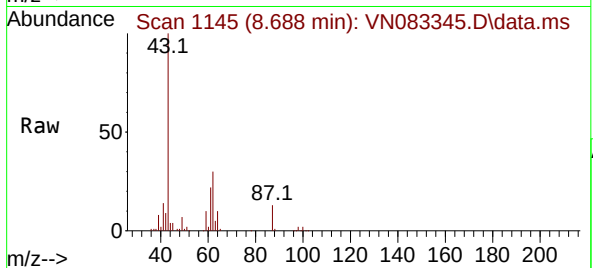




#43
Isopropyl Acetate
Concen: 49.113 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

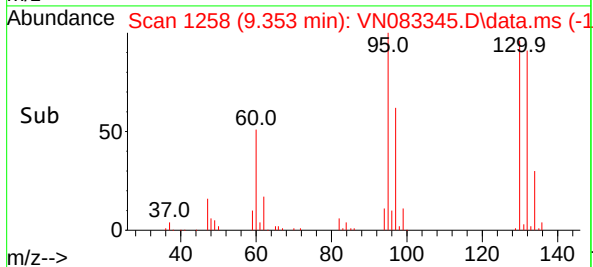
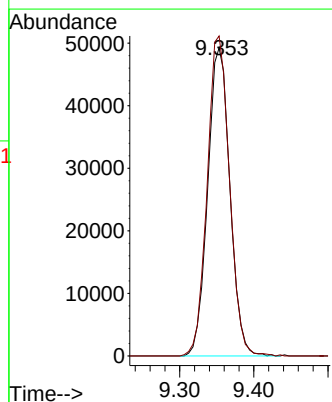
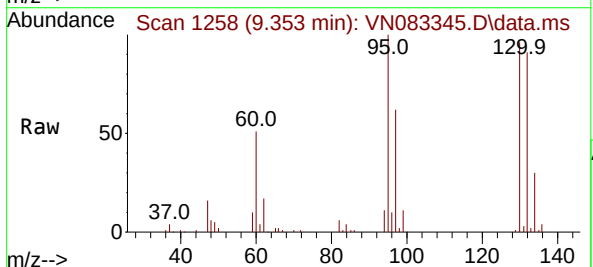
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

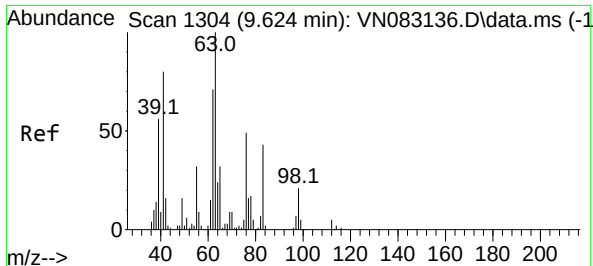
Tgt Ion: 43 Resp: 251588
Ion Ratio Lower Upper
43 100
61 26.1 17.8 26.6
87 12.9 8.2 12.2#



#44
Trichloroethene
Concen: 54.798 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

Tgt Ion:130 Resp: 102377
Ion Ratio Lower Upper
130 100
95 103.9 0.0 197.8





#45

1,2-Dichloropropane

Concen: 57.951 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN083345.D

Acq: 16 Aug 2024 11:14

Instrument :

MSVOA_N

ClientSampleId :

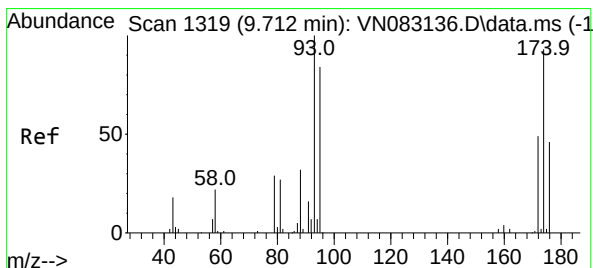
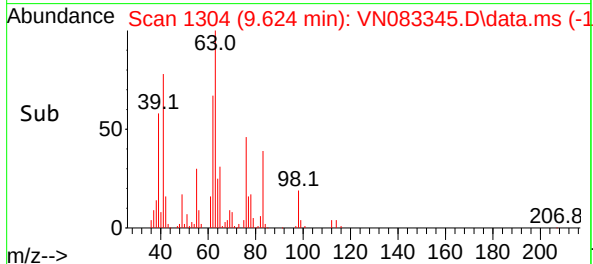
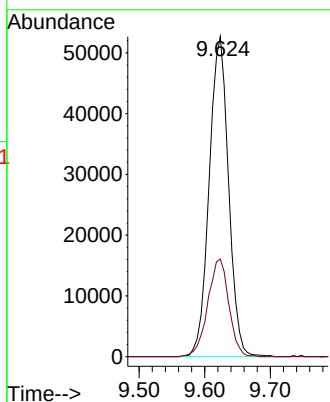
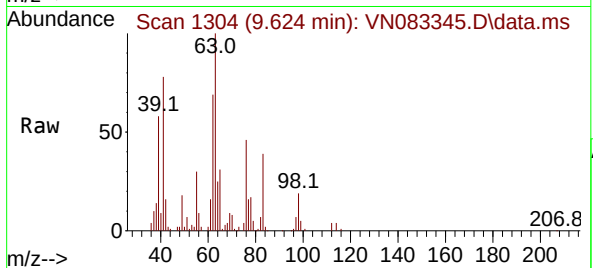
VSTDCCC050

Tgt Ion: 63 Resp: 107971

Ion Ratio Lower Upper

63 100

65 30.5 24.4 36.6



#46

Dibromomethane

Concen: 57.268 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN083345.D

Acq: 16 Aug 2024 11:14

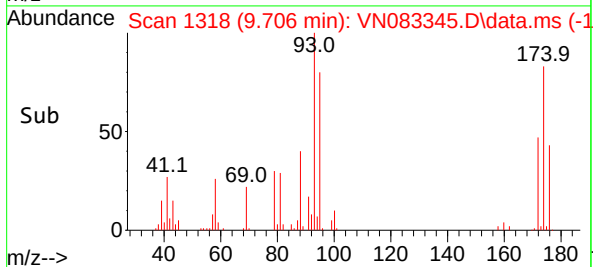
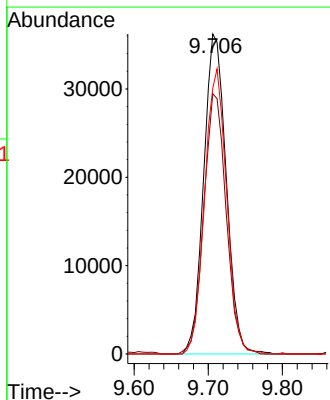
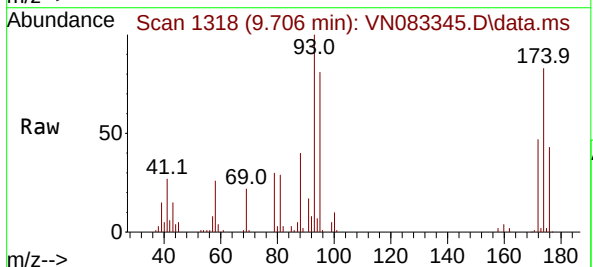
Tgt Ion: 93 Resp: 76372

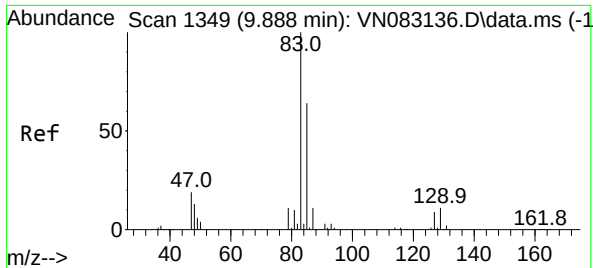
Ion Ratio Lower Upper

93 100

95 81.0 65.8 98.6

174 87.0 71.7 107.5

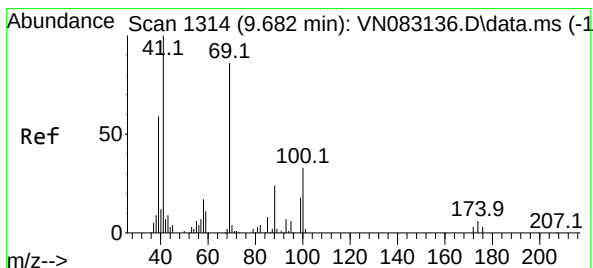
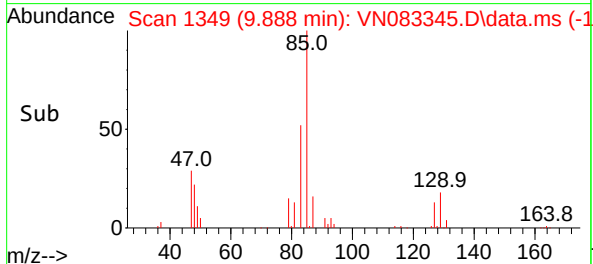
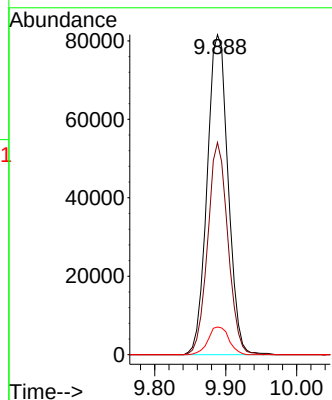
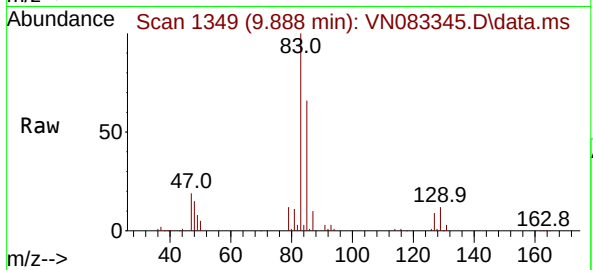




#47
Bromodichloromethane
Concen: 55.880 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

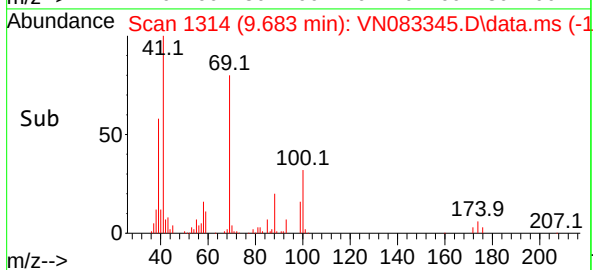
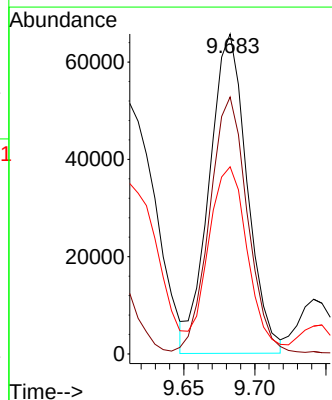
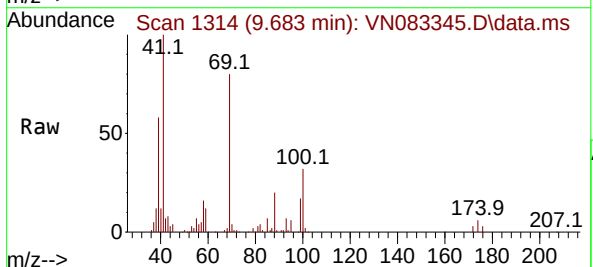
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

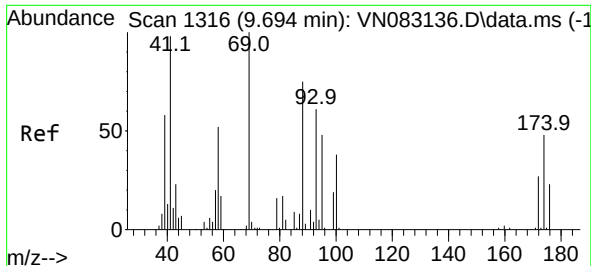
Tgt Ion: 83 Resp: 167328
Ion Ratio Lower Upper
83 100
85 66.3 51.1 76.7
127 8.6 7.2 10.8



#48
Methyl methacrylate
Concen: 49.934 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

Tgt Ion: 41 Resp: 121788
Ion Ratio Lower Upper
41 100
69 81.4 56.3 84.5
39 60.9 50.3 75.5





#49

1,4-Dioxane

Concen: 952.037 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083345.D

Acq: 16 Aug 2024 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

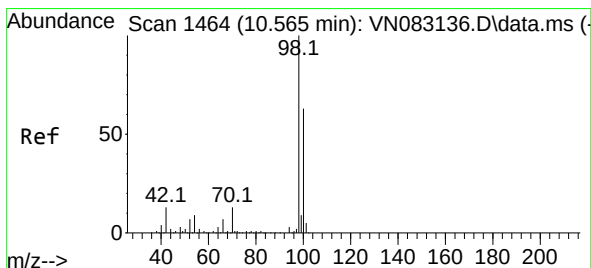
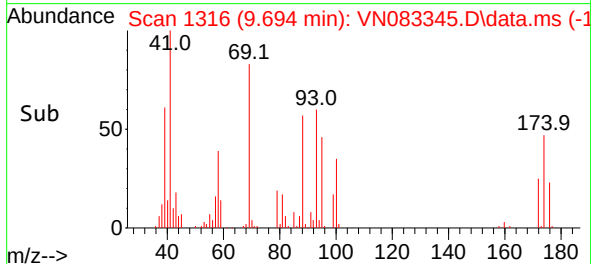
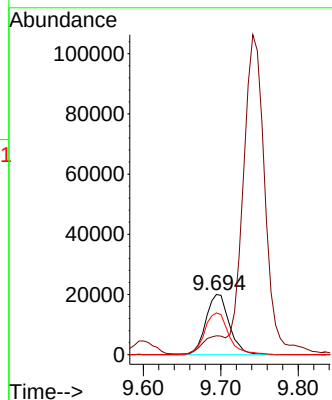
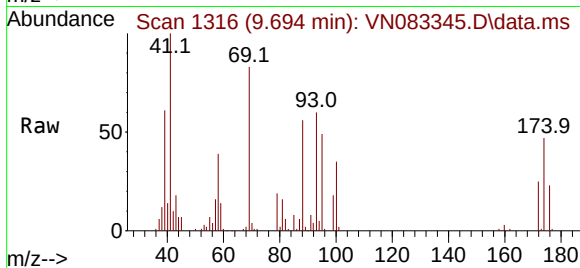
Tgt Ion: 88 Resp: 41891

Ion Ratio Lower Upper

88 100

43 29.8 27.8 41.8

58 72.1 59.4 89.0



#50

Toluene-d8

Concen: 56.438 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083345.D

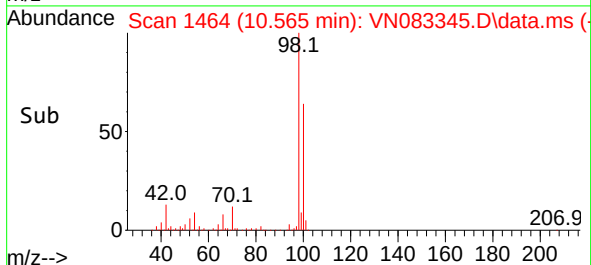
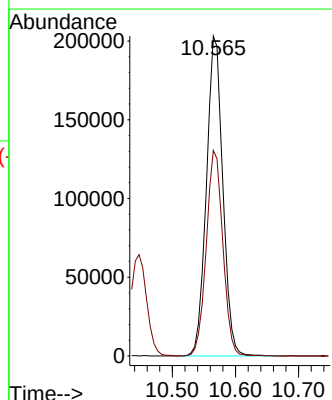
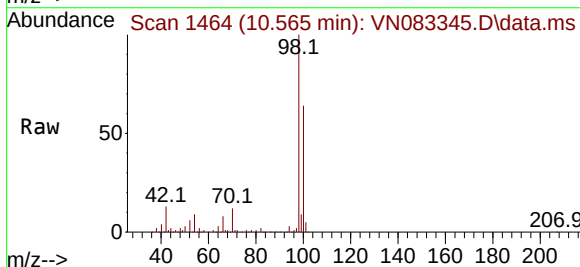
Acq: 16 Aug 2024 11:14

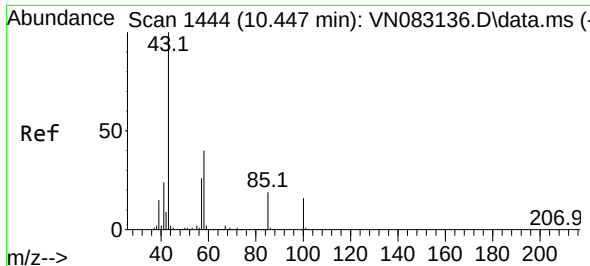
Tgt Ion: 98 Resp: 366687

Ion Ratio Lower Upper

98 100

100 64.9 51.5 77.3

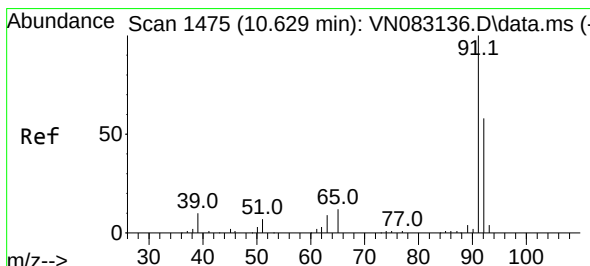
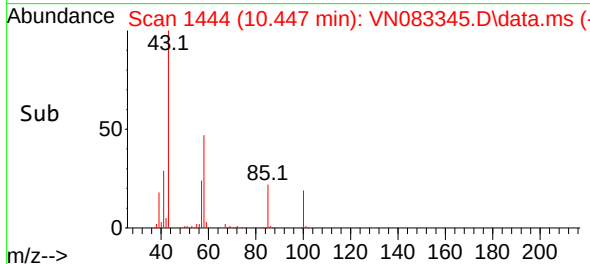
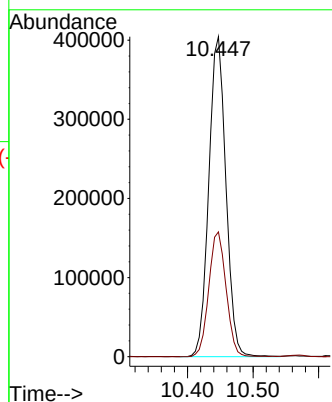
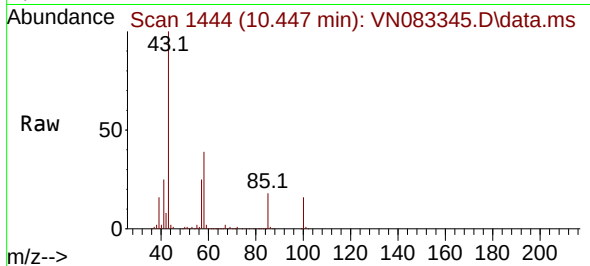




#51
4-Methyl-2-Pentanone
Concen: 262.634 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

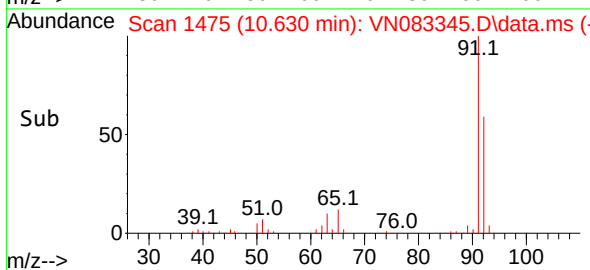
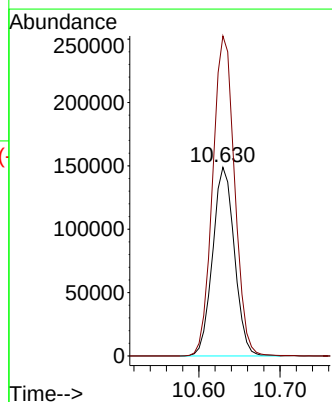
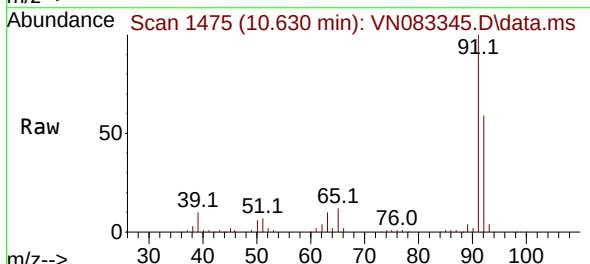
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

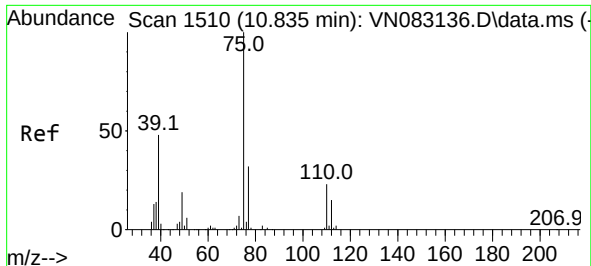
Tgt Ion: 43 Resp: 732671
Ion Ratio Lower Upper
43 100
58 39.5 28.2 42.4



#52
Toluene
Concen: 55.911 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

Tgt Ion: 92 Resp: 277281
Ion Ratio Lower Upper
92 100
91 170.9 139.4 209.0

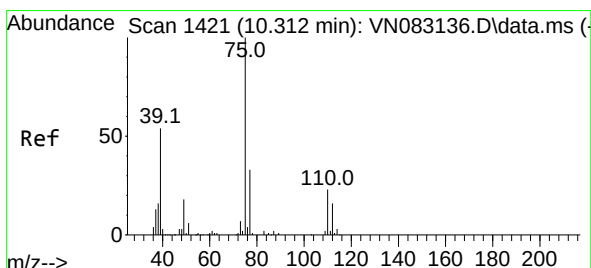
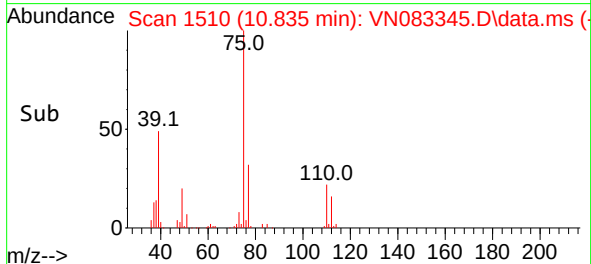
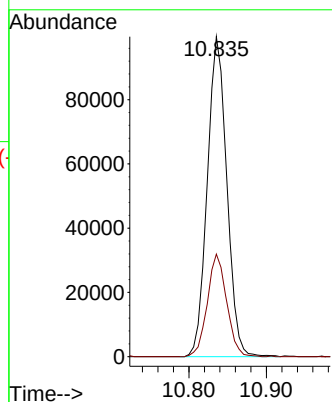
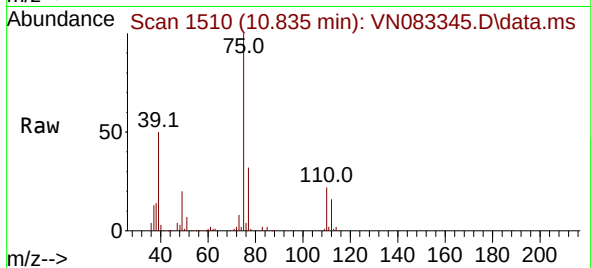




#53
t-1,3-Dichloropropene
Concen: 56.787 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

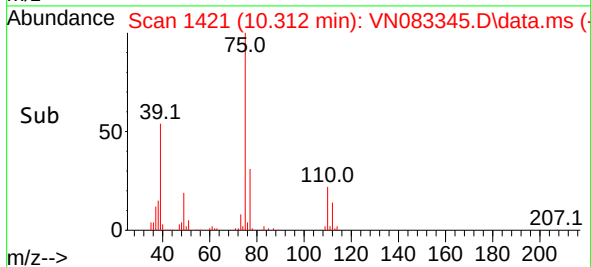
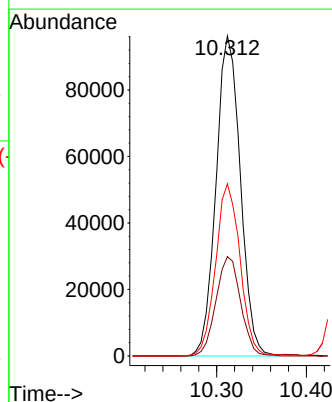
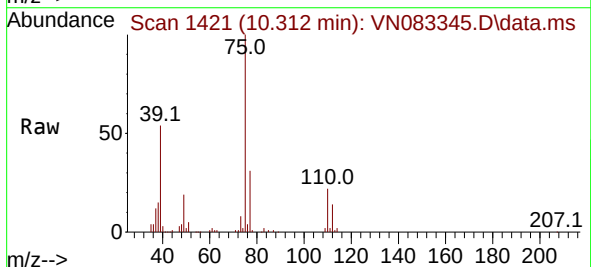
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

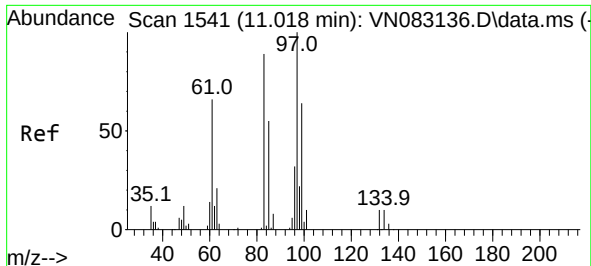
Tgt Ion: 75 Resp: 174668
Ion Ratio Lower Upper
75 100
77 32.1 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 55.474 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

Tgt Ion: 75 Resp: 181489
Ion Ratio Lower Upper
75 100
77 31.1 24.3 36.5
39 53.8 50.5 75.7

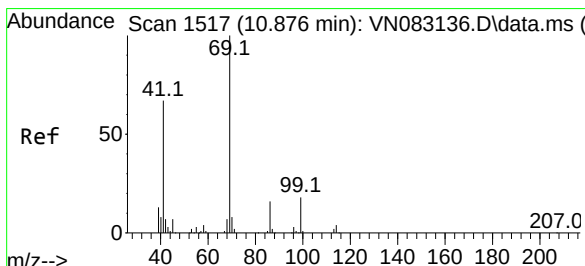
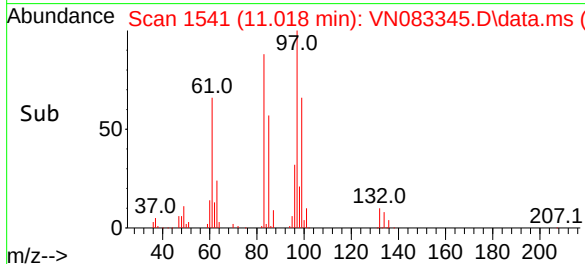
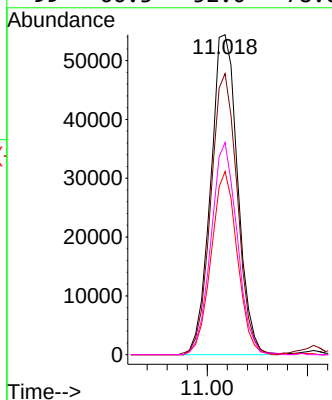
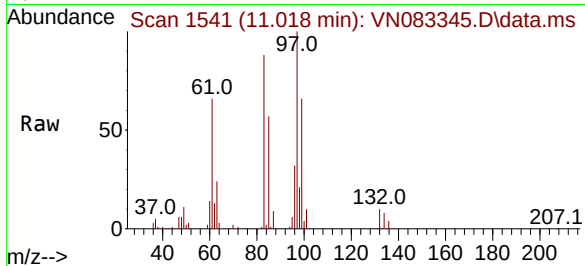




#55
1,1,2-Trichloroethane
Concen: 57.296 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

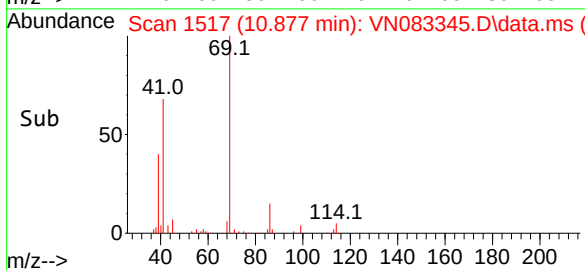
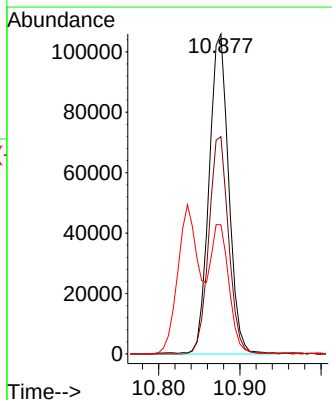
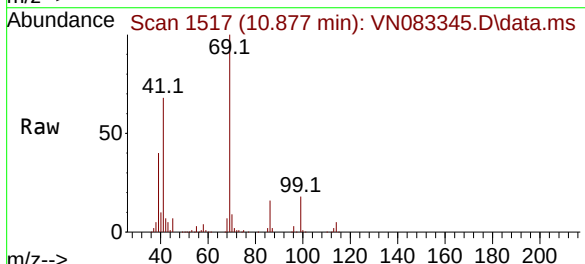
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

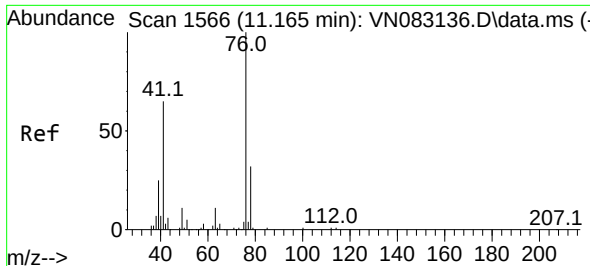
Tgt Ion:	97	Resp:	101831
Ion	Ratio	Lower	Upper
97	100		
83	87.8	71.4	107.0
85	57.2	45.8	68.6
99	66.3	52.0	78.0



#56
Ethyl methacrylate
Concen: 52.929 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

Tgt Ion:	69	Resp:	177339
Ion	Ratio	Lower	Upper
69	100		
41	67.9	63.4	95.2
39	36.6	37.4	56.0#





#57

1,3-Dichloropropane

Concen: 56.534 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083345.D

Acq: 16 Aug 2024 11:14

Instrument :

MSVOA_N

ClientSampleId :

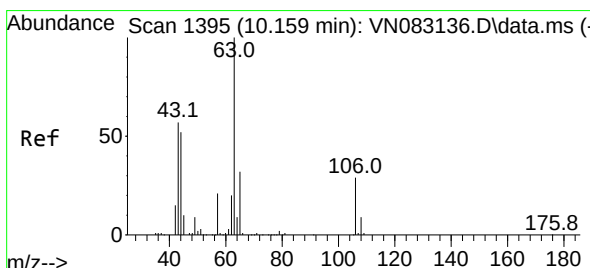
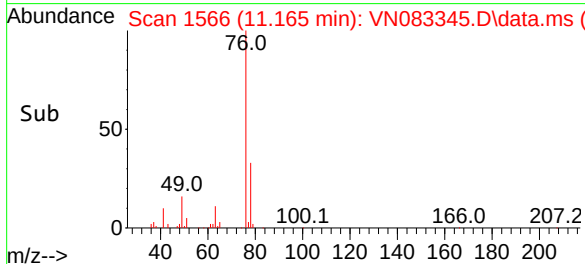
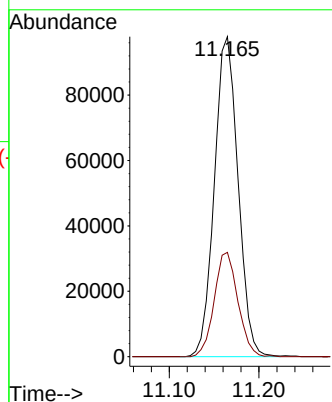
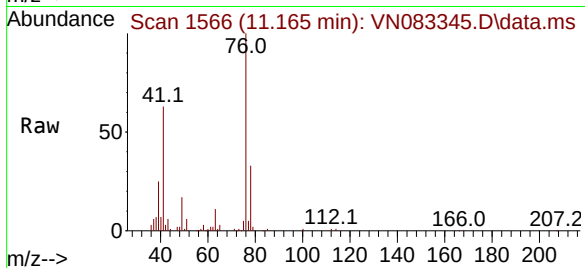
VSTDCCC050

Tgt Ion: 76 Resp: 179093

Ion Ratio Lower Upper

76 100

78 32.6 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 248.849 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN083345.D

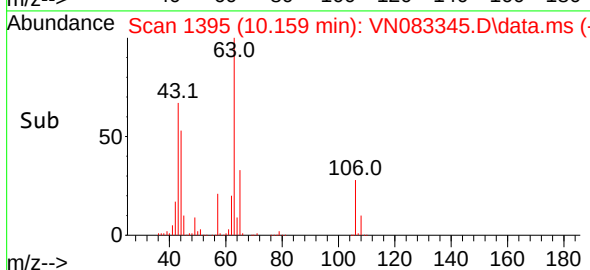
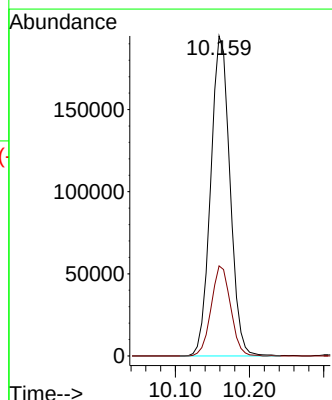
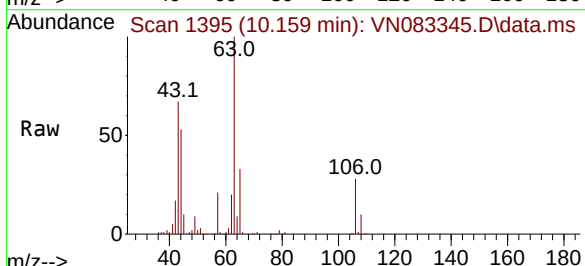
Acq: 16 Aug 2024 11:14

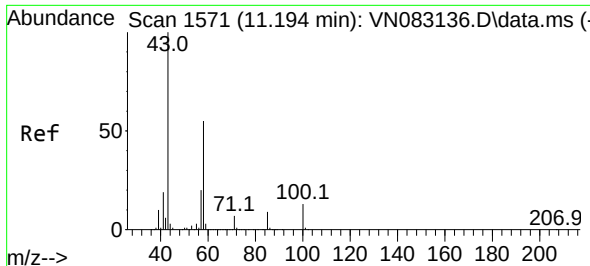
Tgt Ion: 63 Resp: 352436

Ion Ratio Lower Upper

63 100

106 28.3 21.4 32.0

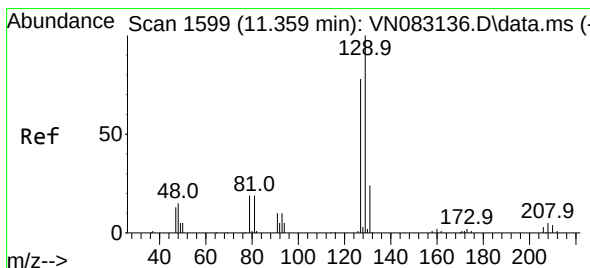
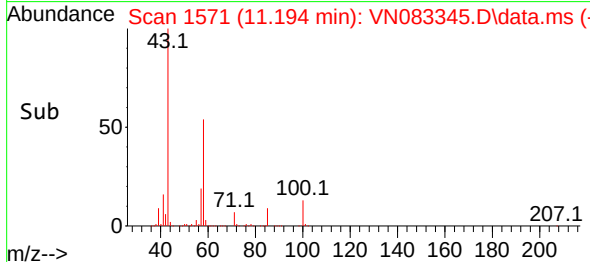
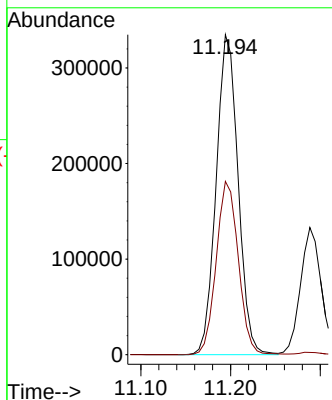
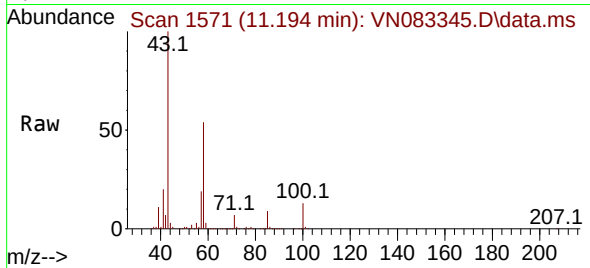




#59
2-Hexanone
Concen: 263.189 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

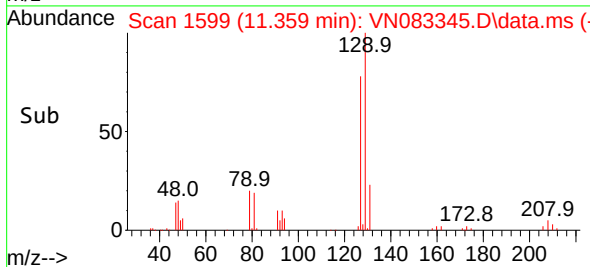
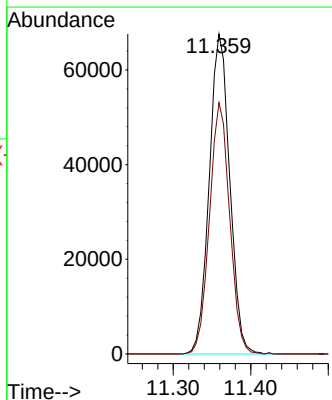
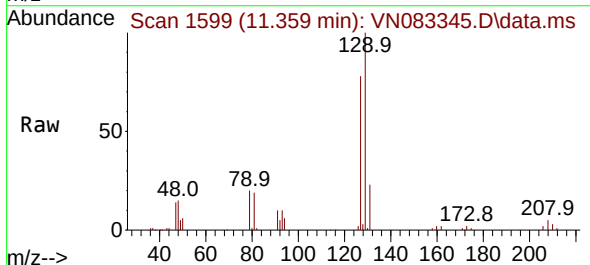
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

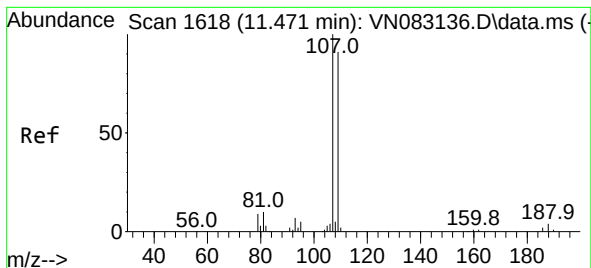
Tgt Ion: 43 Resp: 568022
Ion Ratio Lower Upper
43 100
58 54.6 24.6 73.8



#60
Dibromochloromethane
Concen: 57.956 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

Tgt Ion:129 Resp: 124536
Ion Ratio Lower Upper
129 100
127 77.2 39.2 117.6





#61

1,2-Dibromoethane

Concen: 55.415 ug/l

RT: 11.471 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083345.D

Acq: 16 Aug 2024 11:14

Instrument :

MSVOA_N

ClientSampleId :

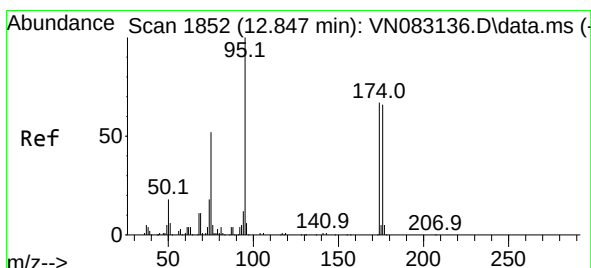
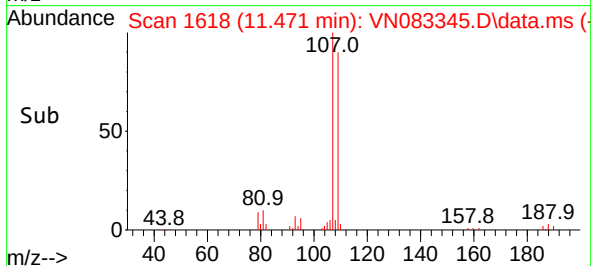
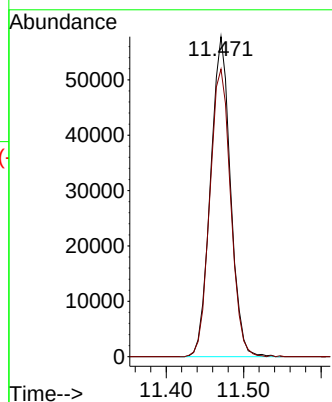
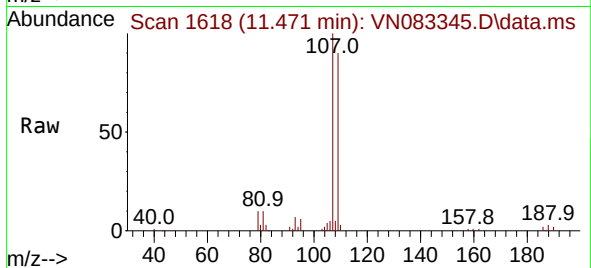
VSTDCCC050

Tgt Ion:107 Resp: 103462

Ion Ratio Lower Upper

107 100

109 93.5 73.7 110.5



#62

4-Bromofluorobenzene

Concen: 56.928 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN083345.D

Acq: 16 Aug 2024 11:14

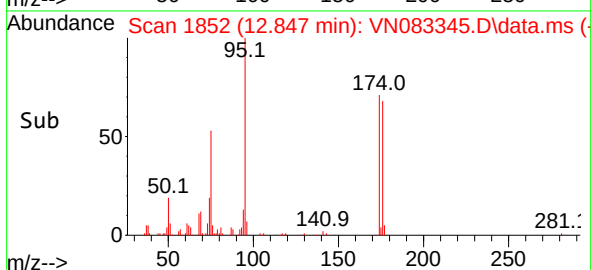
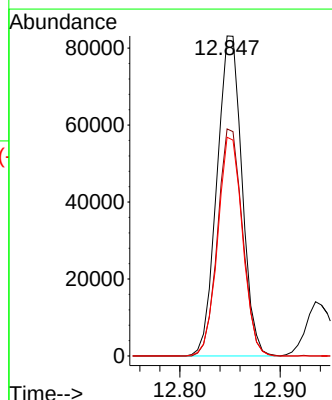
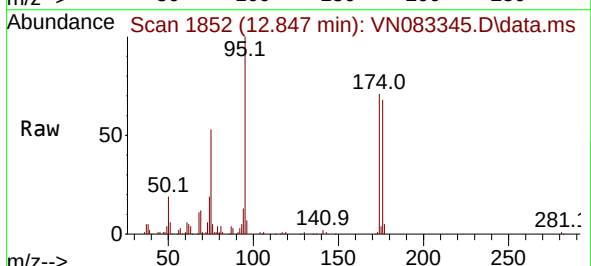
Tgt Ion: 95 Resp: 144196

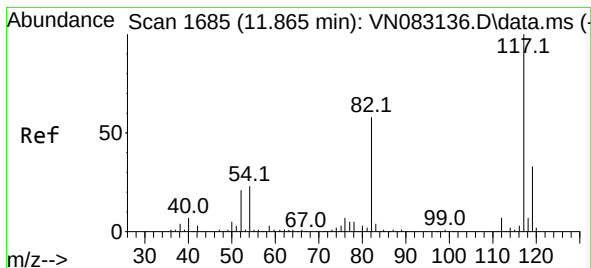
Ion Ratio Lower Upper

95 100

174 70.2 0.0 159.2

176 67.6 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083345.D

Acq: 16 Aug 2024 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

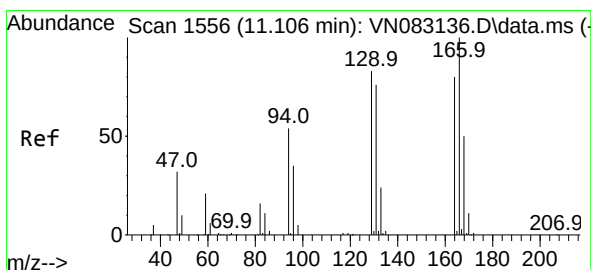
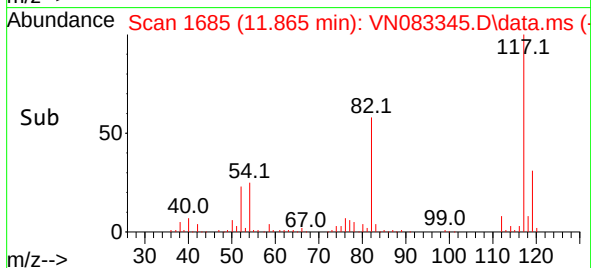
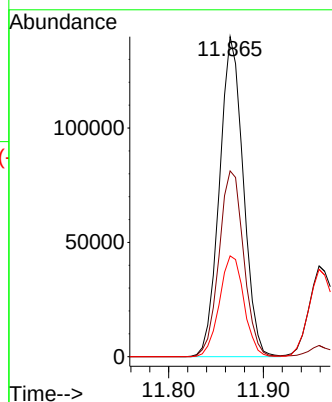
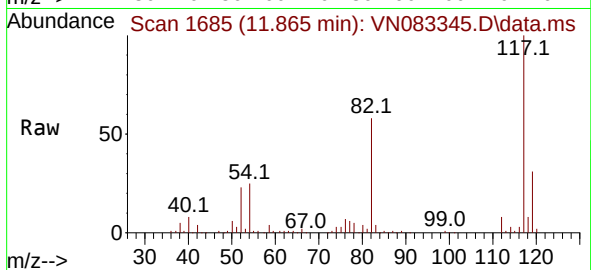
Tgt Ion:117 Resp: 244744

Ion Ratio Lower Upper

117 100

82 58.1 47.5 71.3

119 31.5 25.6 38.4



#64

Tetrachloroethene

Concen: 54.203 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN083345.D

Acq: 16 Aug 2024 11:14

Tgt Ion:164 Resp: 87856

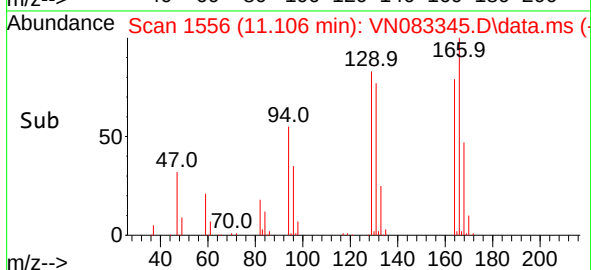
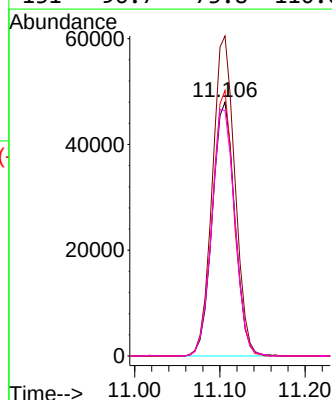
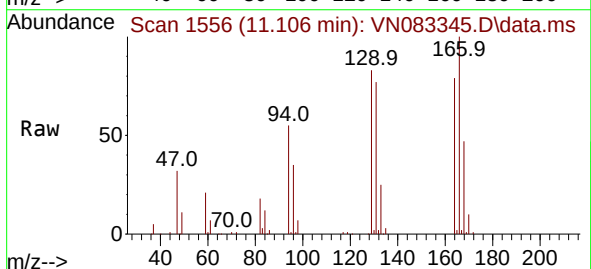
Ion Ratio Lower Upper

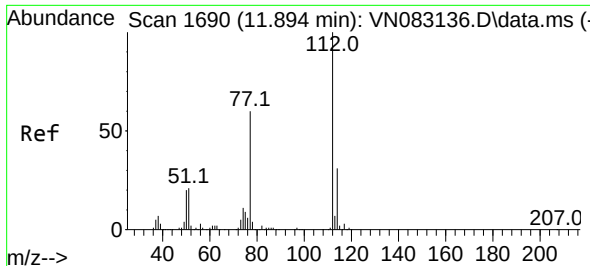
164 100

166 126.1 101.4 152.0

129 104.6 75.7 113.5

131 96.7 73.8 110.6

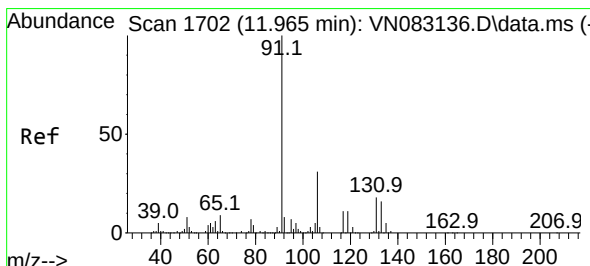
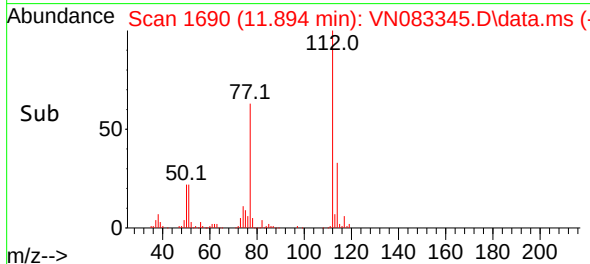
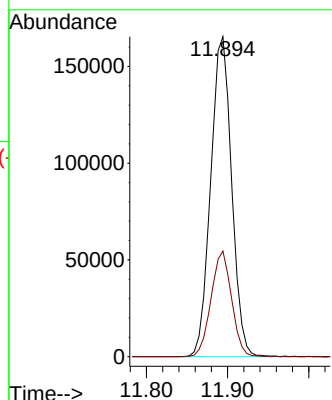
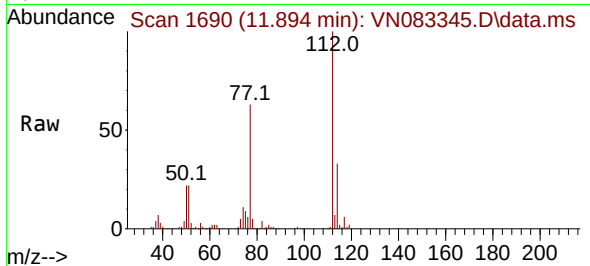




#65
Chlorobenzene
Concen: 54.727 ug/l
RT: 11.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

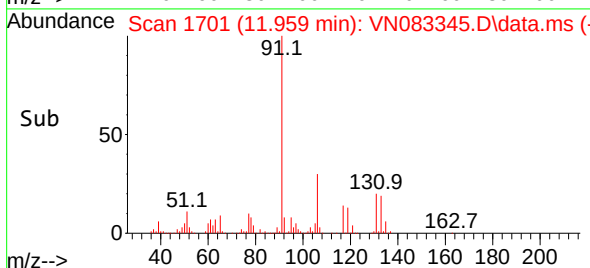
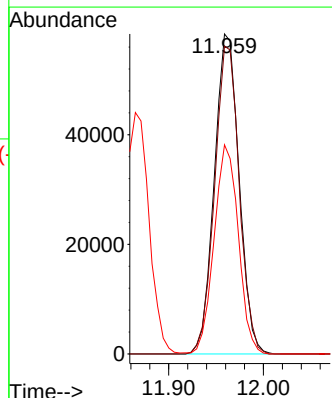
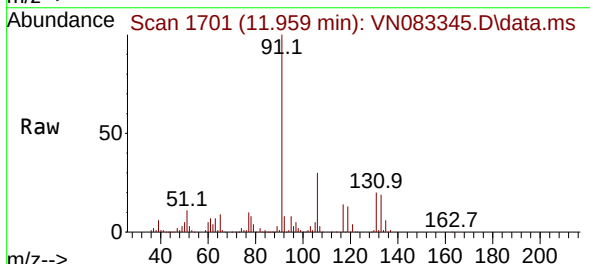
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

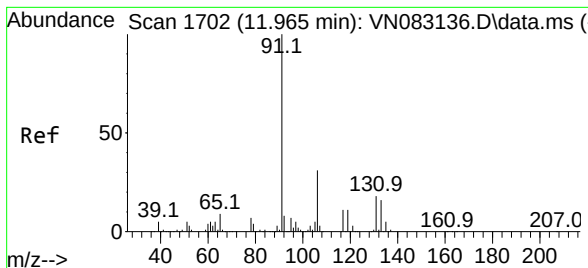
Tgt Ion:112 Resp: 295994
Ion Ratio Lower Upper
112 100
114 33.0 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 55.648 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

Tgt Ion:131 Resp: 106148
Ion Ratio Lower Upper
131 100
133 95.9 47.3 142.0
119 64.1 32.5 97.4

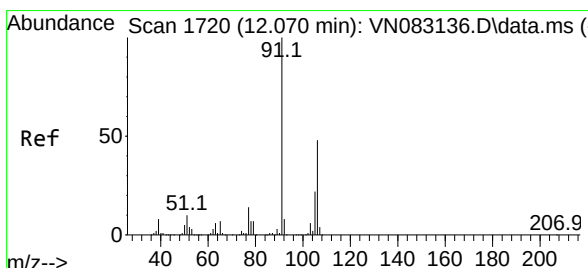
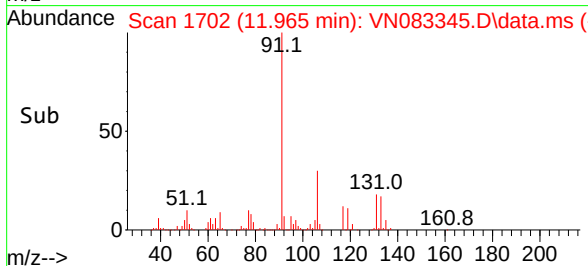
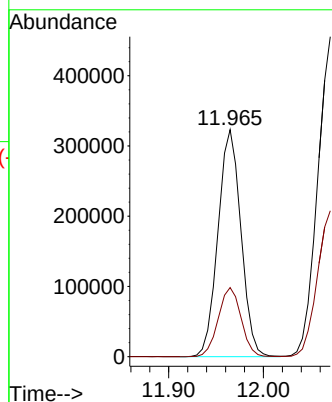
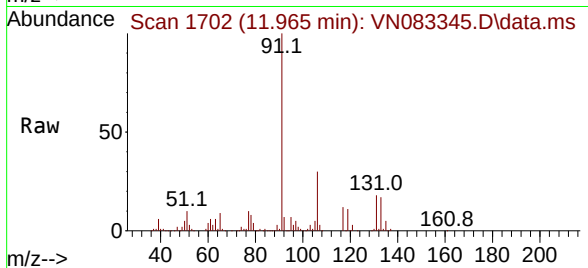




#67
Ethyl Benzene
Concen: 54.900 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

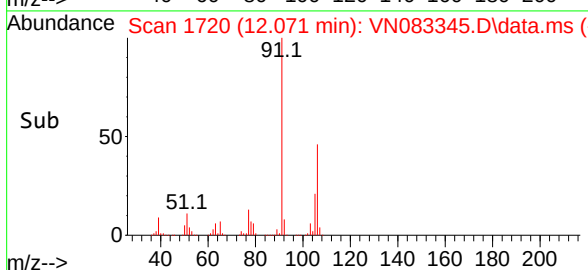
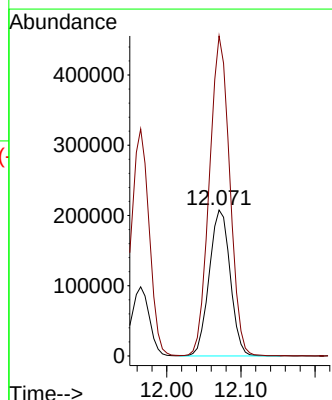
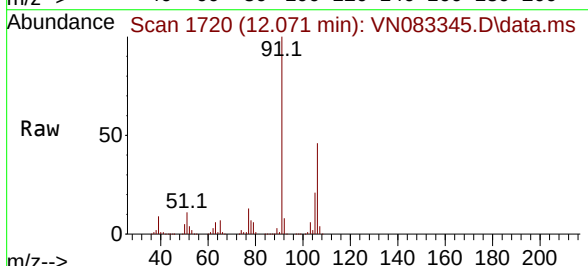
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

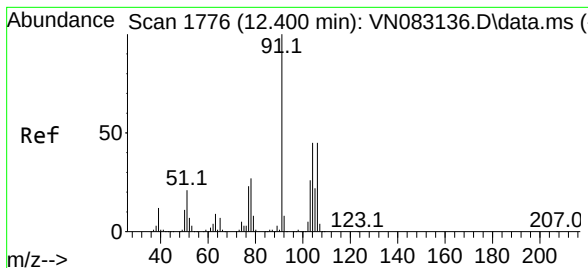
Tgt Ion: 91 Resp: 544709
Ion Ratio Lower Upper
91 100
106 30.4 24.0 36.0



#68
m/p-Xylenes
Concen: 109.987 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

Tgt Ion:106 Resp: 408783
Ion Ratio Lower Upper
106 100
91 213.5 166.1 249.1





#69

o-Xylene

Concen: 54.586 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN083345.D

Acq: 16 Aug 2024 11:14

Instrument :

MSVOA_N

ClientSampleId :

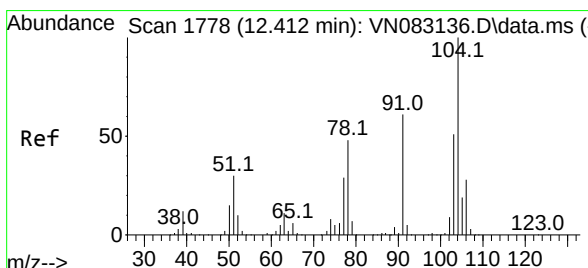
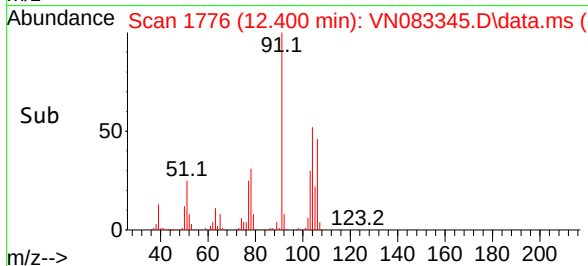
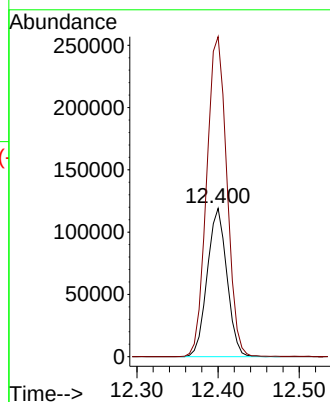
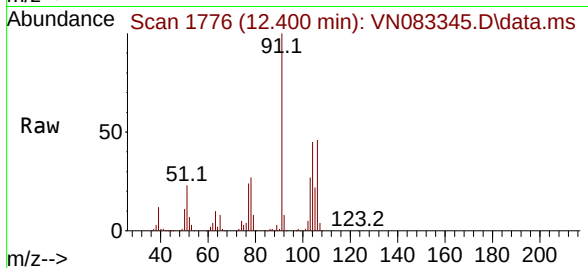
VSTDCCC050

Tgt Ion:106 Resp: 200090

Ion Ratio Lower Upper

106 100

91 222.0 111.3 333.9



#70

Styrene

Concen: 56.474 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN083345.D

Acq: 16 Aug 2024 11:14

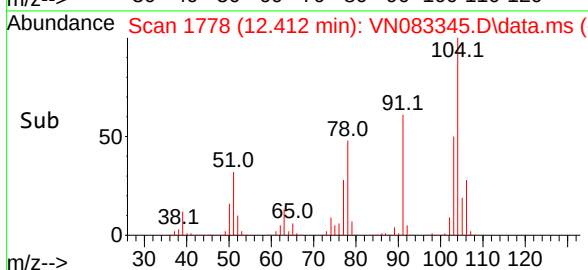
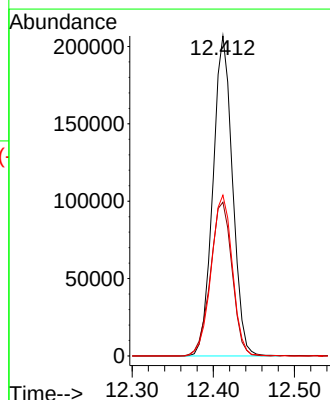
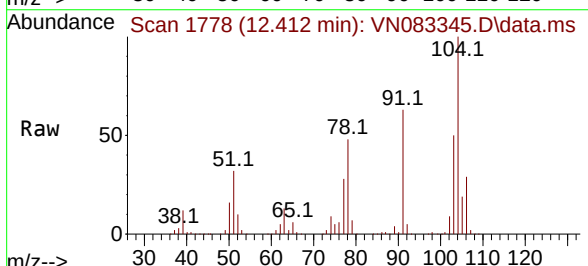
Tgt Ion:104 Resp: 347685

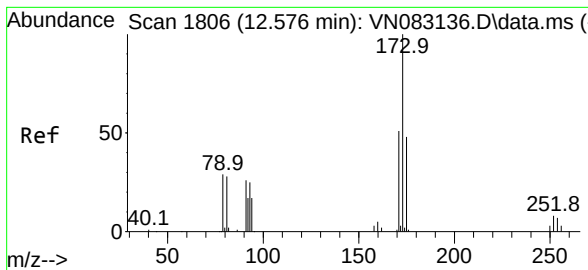
Ion Ratio Lower Upper

104 100

78 53.0 41.6 62.4

103 54.1 44.0 66.0

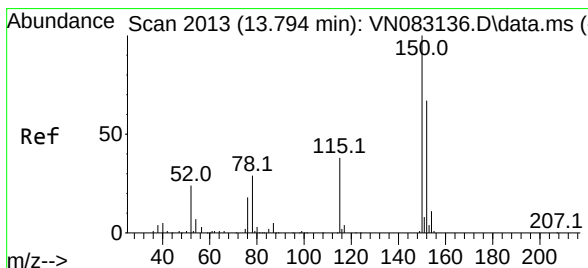
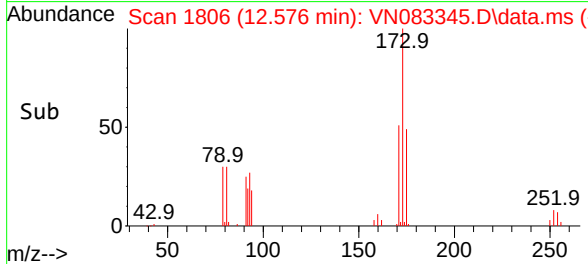
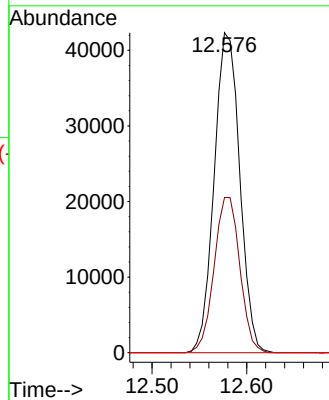
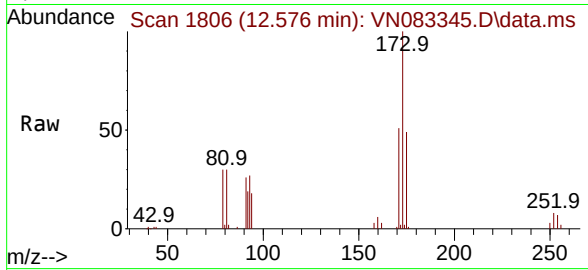




#71
Bromoform
Concen: 54.924 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

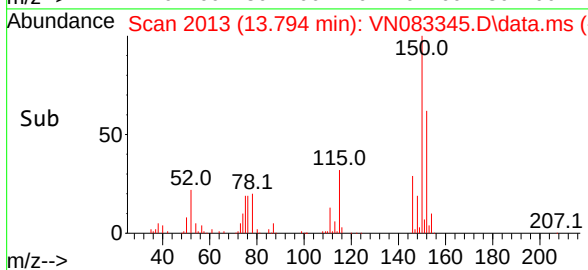
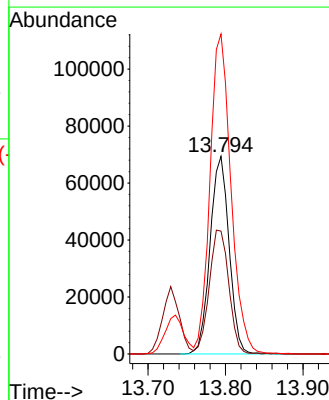
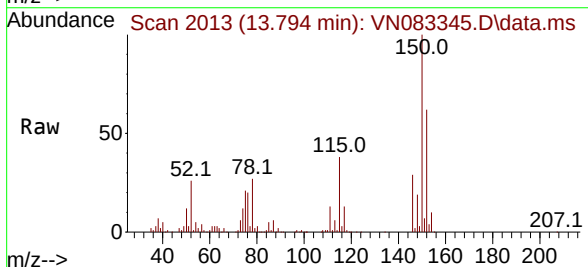
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

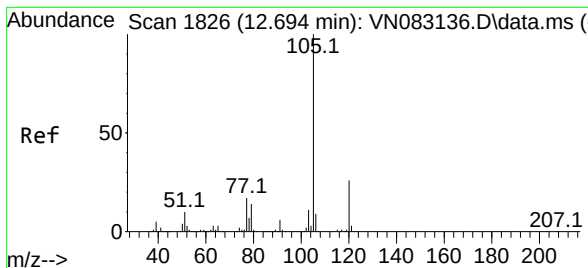
Tgt Ion:173 Resp: 79368
Ion Ratio Lower Upper
173 100
175 48.9 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

Tgt Ion:152 Resp: 118297
Ion Ratio Lower Upper
152 100
115 64.6 30.6 91.6
150 178.3 0.0 348.6





#73

Isopropylbenzene

Concen: 53.207 ug/l

RT: 12.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083345.D

Acq: 16 Aug 2024 11:14

Instrument :

MSVOA_N

ClientSampleId :

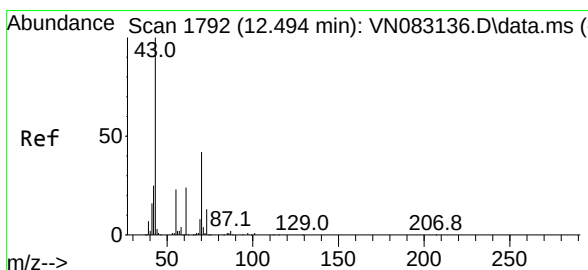
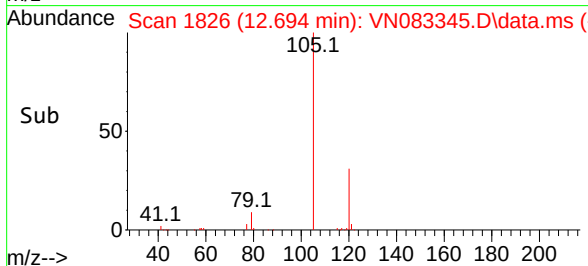
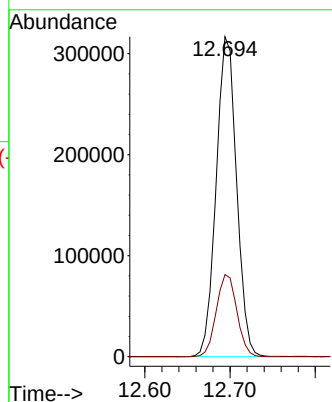
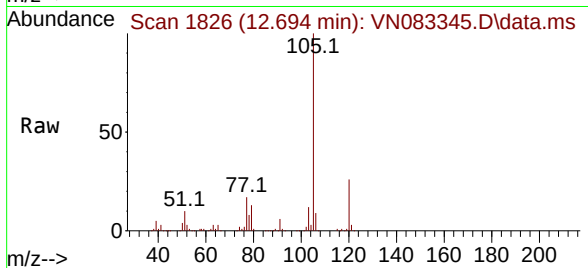
VSTDCCC050

Tgt Ion:105 Resp: 526470

Ion Ratio Lower Upper

105 100

120 25.9 12.9 38.6



#74

N-ethyl acetate

Concen: 47.407 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN083345.D

Acq: 16 Aug 2024 11:14

Tgt Ion: 43 Resp: 229441

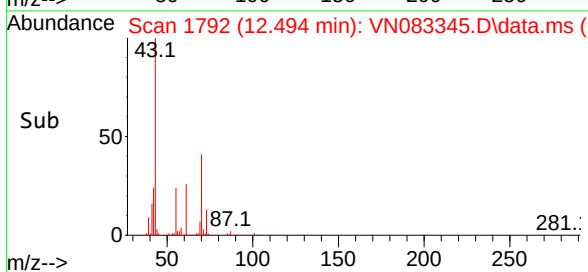
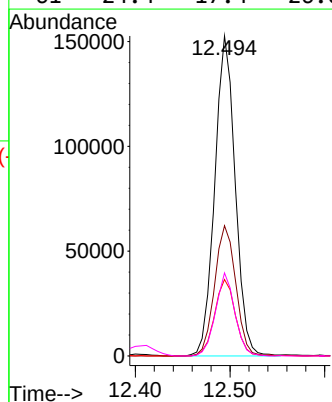
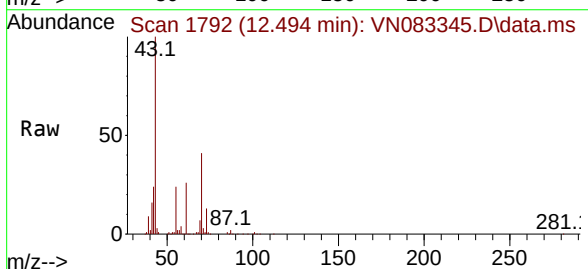
Ion Ratio Lower Upper

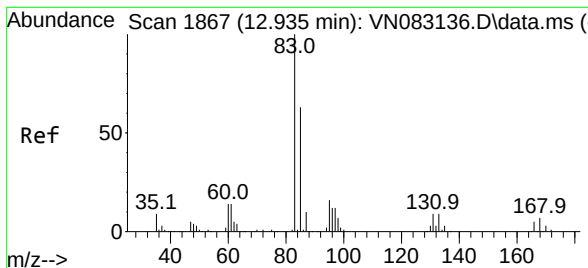
43 100

70 42.1 29.8 44.6

55 24.4 18.7 28.1

61 24.4 17.4 26.0

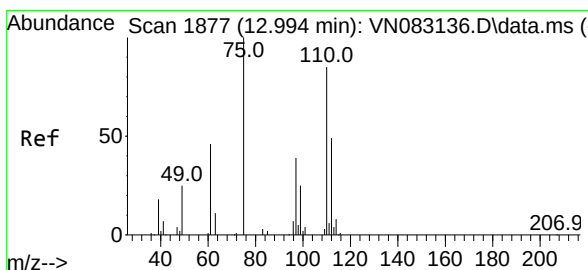
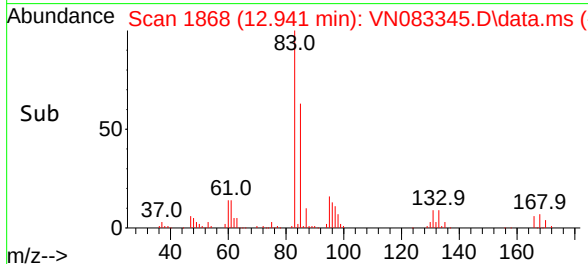
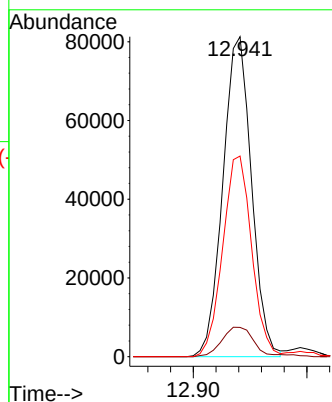
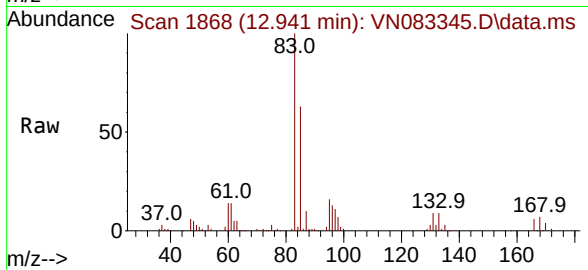




#75
1,1,2,2-Tetrachloroethane
Concen: 50.812 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

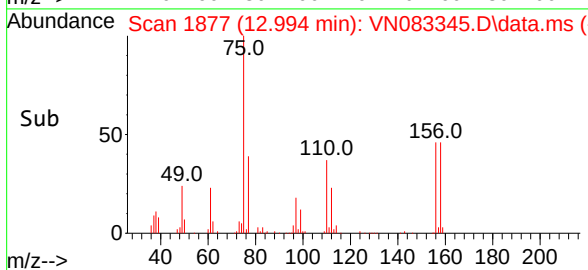
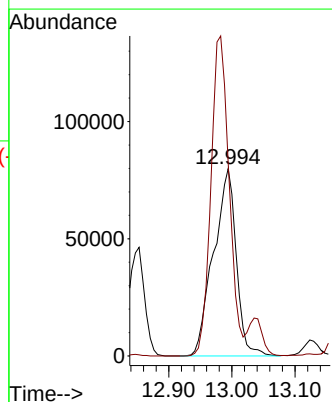
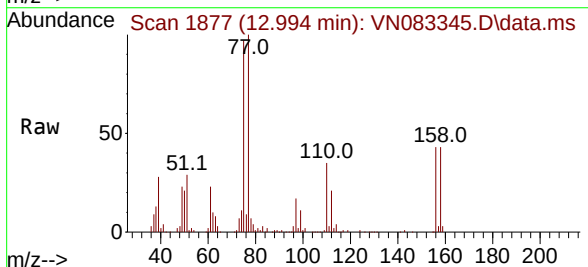
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

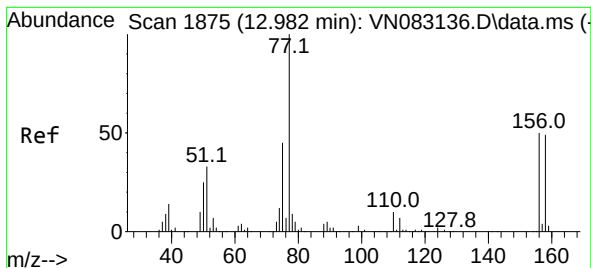
Tgt Ion: 83 Resp: 142198
Ion Ratio Lower Upper
83 100
131 10.5 5.0 14.9
85 63.6 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 76.847 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

Tgt Ion: 75 Resp: 199520
Ion Ratio Lower Upper
75 100
77 136.8 110.9 332.6





#77

Bromobenzene

Concen: 53.744 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN083345.D

Acq: 16 Aug 2024 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

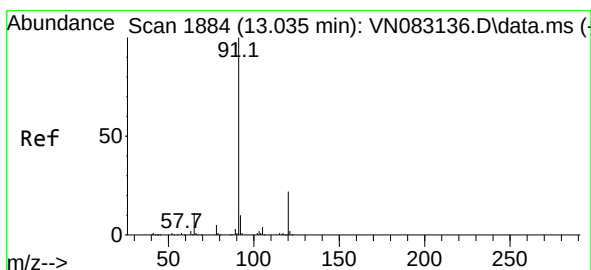
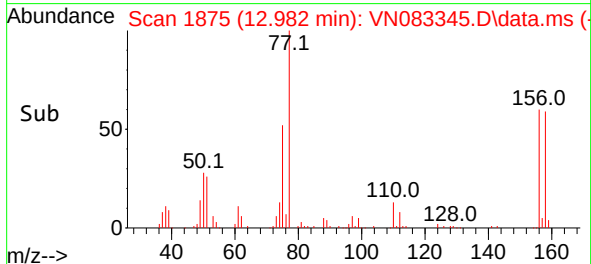
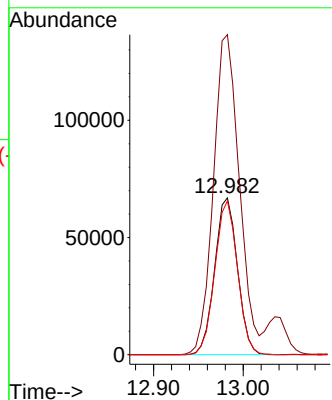
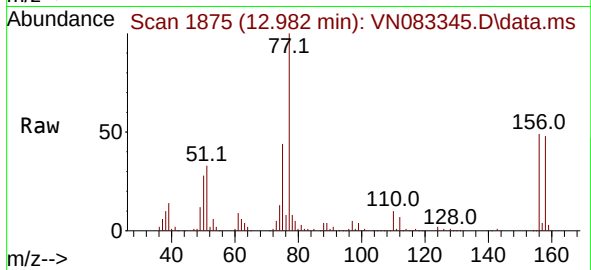
Tgt Ion:156 Resp: 118129

Ion Ratio Lower Upper

156 100

77 231.1 111.3 333.8

158 97.1 48.3 144.9



#78

n-propylbenzene

Concen: 55.217 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN083345.D

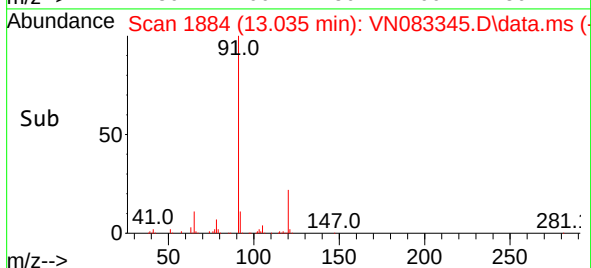
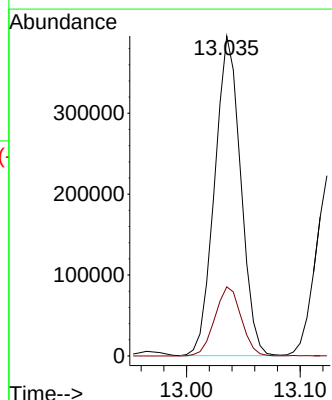
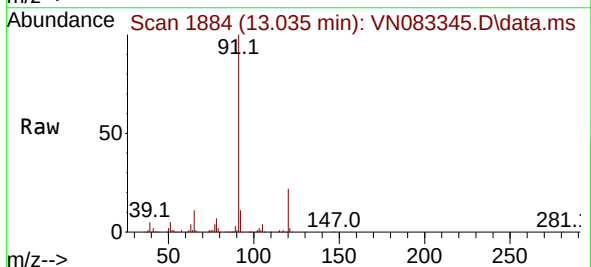
Acq: 16 Aug 2024 11:14

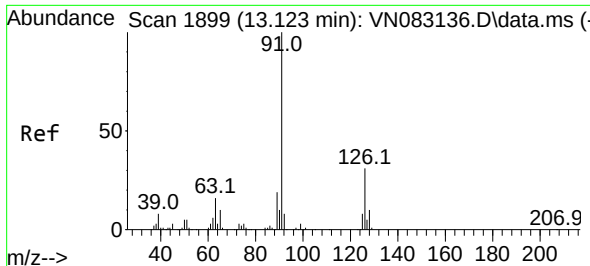
Tgt Ion: 91 Resp: 629119

Ion Ratio Lower Upper

91 100

120 21.9 10.9 32.9

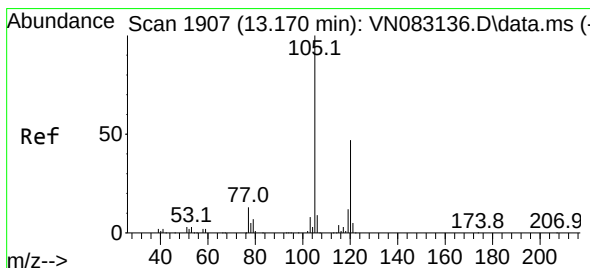
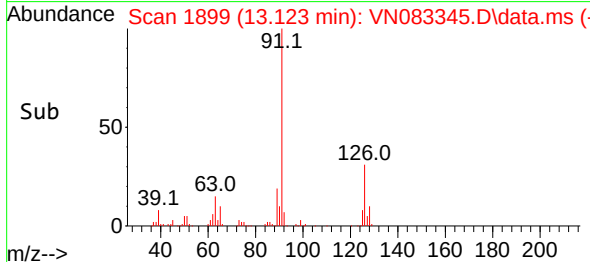
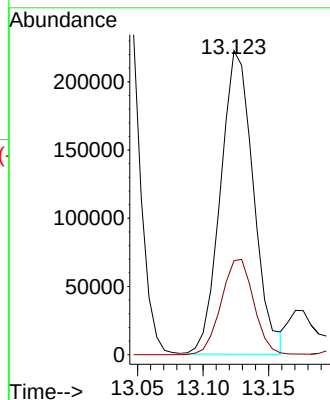
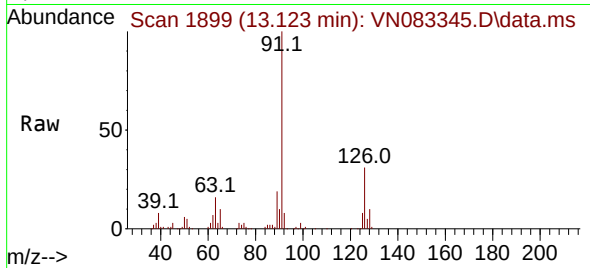




#79
2-Chlorotoluene
Concen: 53.724 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

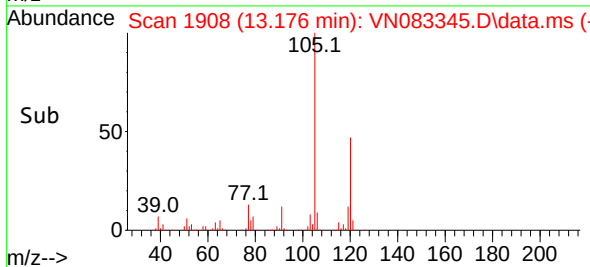
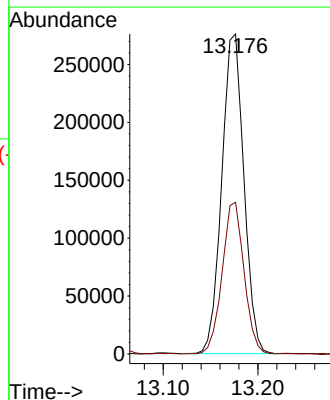
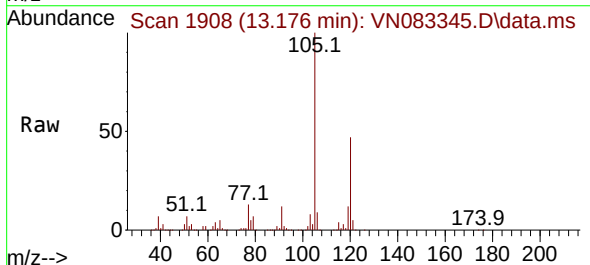
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

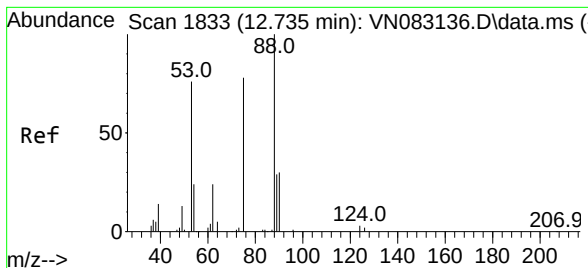
Tgt Ion: 91 Resp: 388071
Ion Ratio Lower Upper
91 100
126 31.1 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 54.073 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

Tgt Ion: 105 Resp: 447937
Ion Ratio Lower Upper
105 100
120 47.2 24.3 72.8

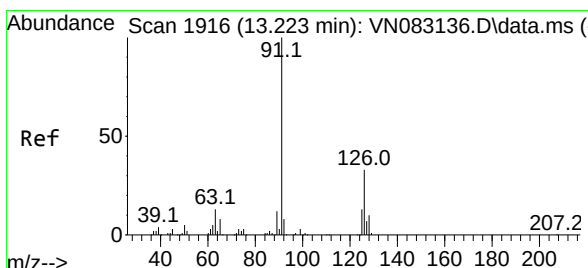
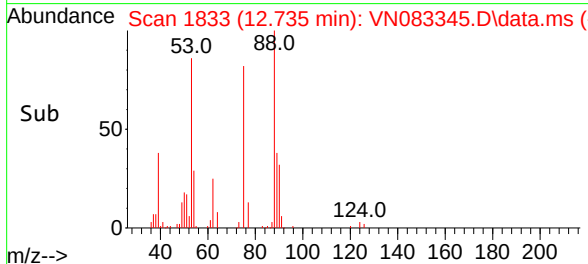
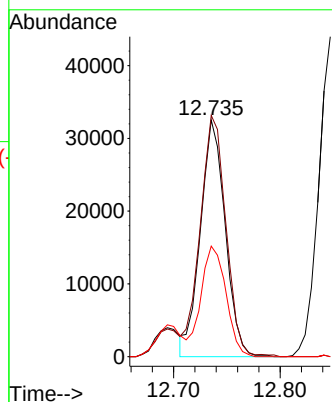
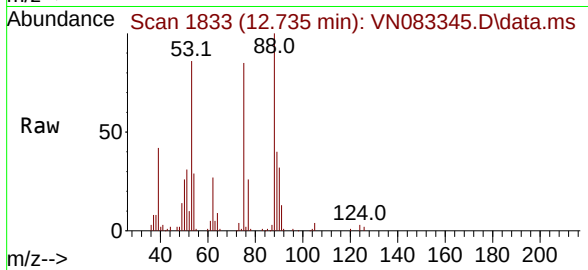




#81
trans-1,4-Dichloro-2-butene
Concen: 44.119 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

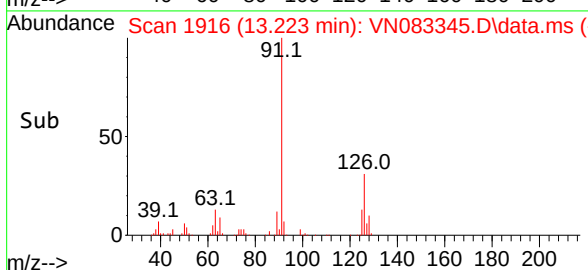
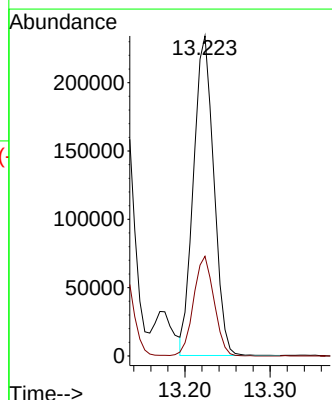
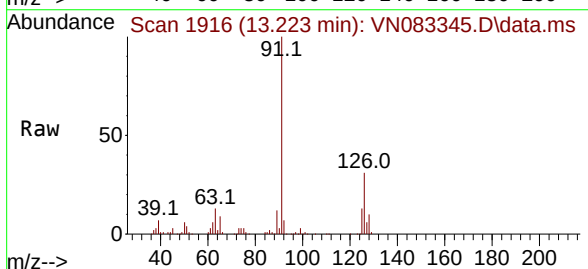
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

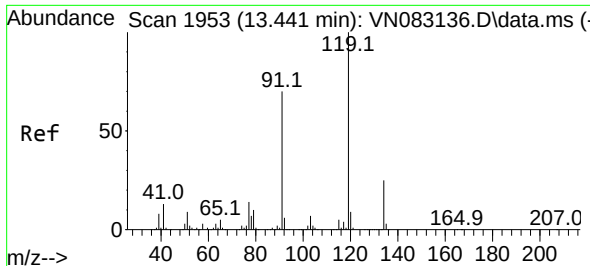
Tgt Ion: 75 Resp: 52659
Ion Ratio Lower Upper
75 100
53 106.2 88.4 132.6
89 47.2 36.3 54.5



#82
4-Chlorotoluene
Concen: 53.263 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

Tgt Ion: 91 Resp: 385924
Ion Ratio Lower Upper
91 100
126 31.6 16.2 48.6

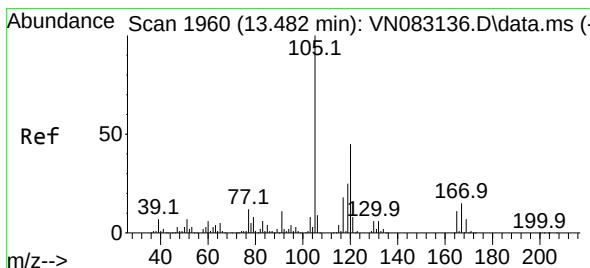
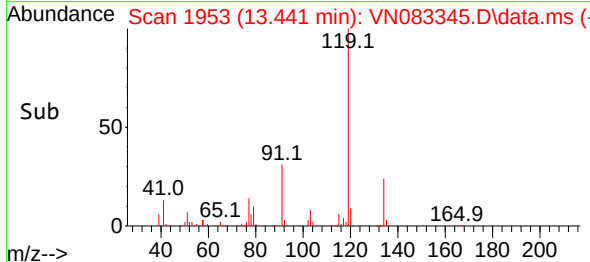
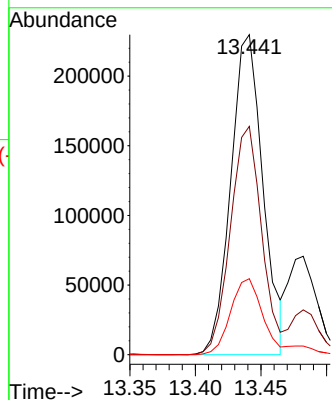
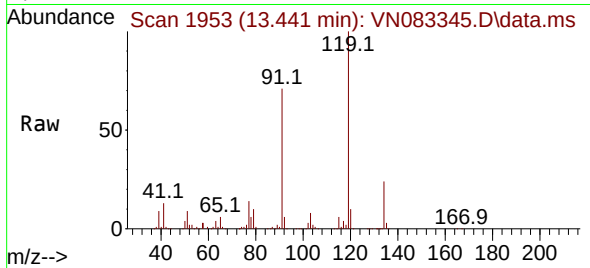




#83
tert-Butylbenzene
Concen: 53.508 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

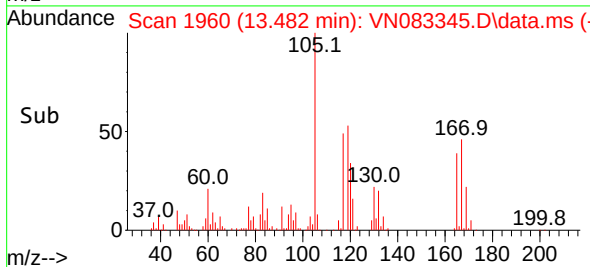
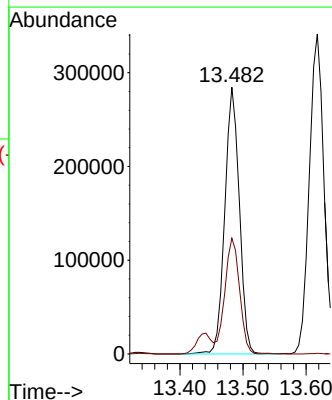
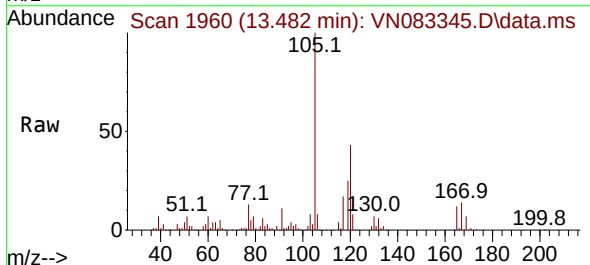
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

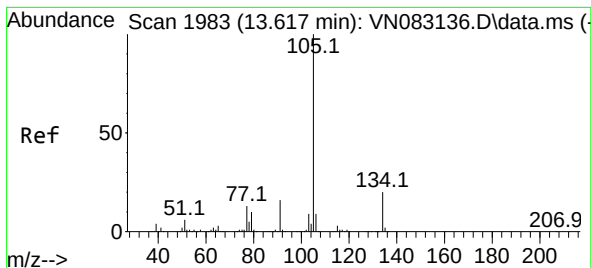
Tgt Ion:119 Resp: 392540
Ion Ratio Lower Upper
119 100
91 69.4 35.0 105.1
134 23.8 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 54.489 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

Tgt Ion:105 Resp: 454893
Ion Ratio Lower Upper
105 100
120 43.8 21.9 65.8

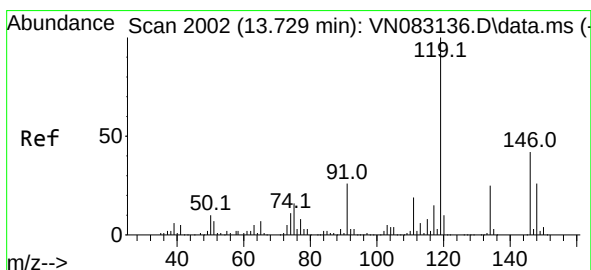
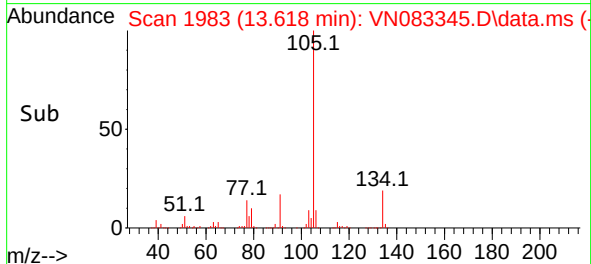
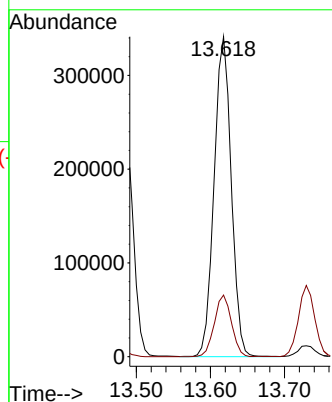
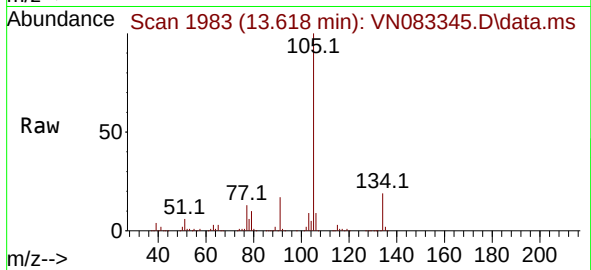




#85
sec-Butylbenzene
Concen: 54.782 ug/l
RT: 13.618 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

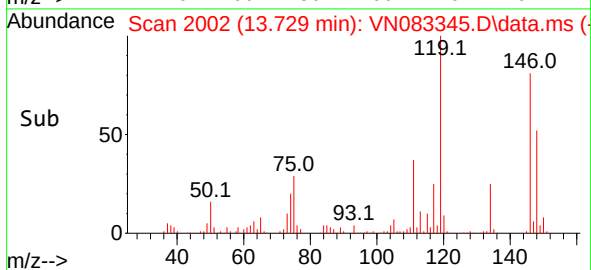
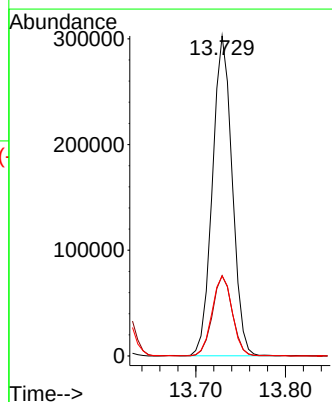
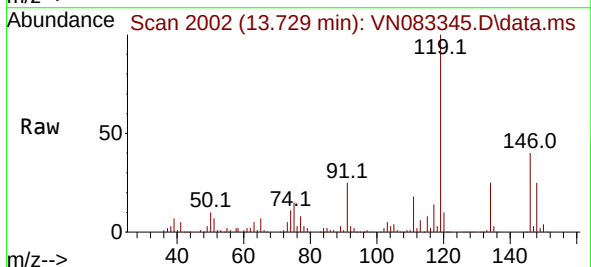
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

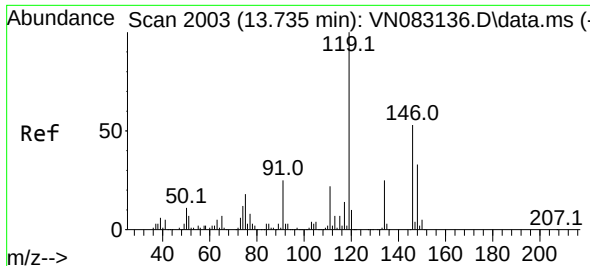
Tgt Ion:105 Resp: 548377
Ion Ratio Lower Upper
105 100
134 19.2 9.8 29.3



#86
p-Isopropyltoluene
Concen: 55.921 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

Tgt Ion:119 Resp: 462199
Ion Ratio Lower Upper
119 100
134 25.3 13.0 39.0
91 25.3 12.3 36.9

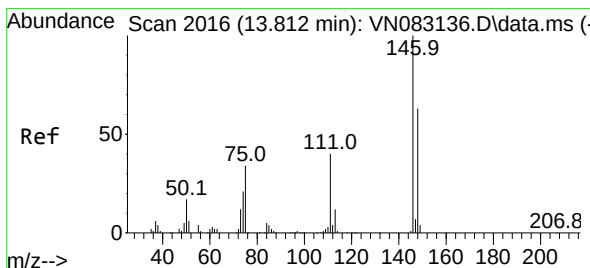
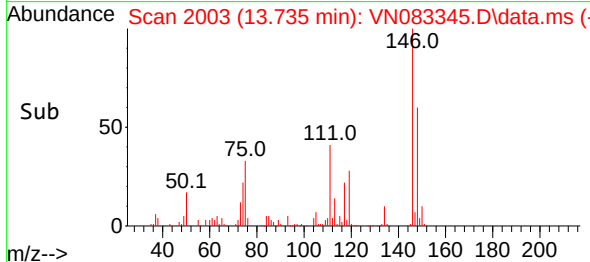
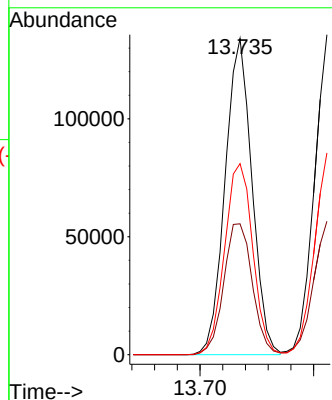
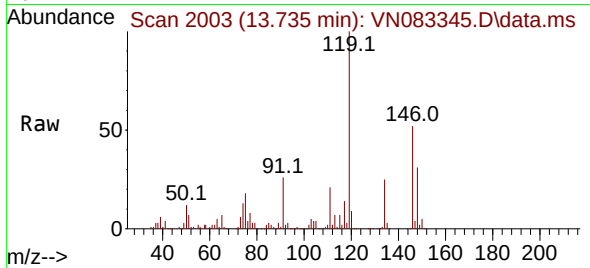




#87
1,3-Dichlorobenzene
Concen: 53.172 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

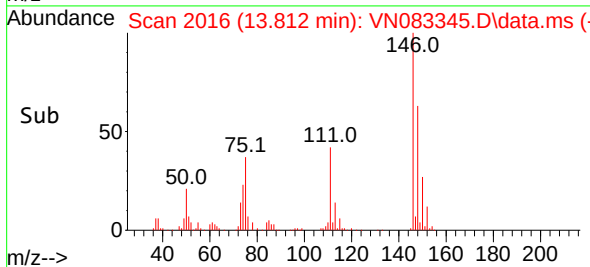
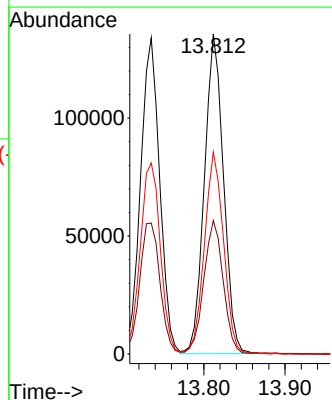
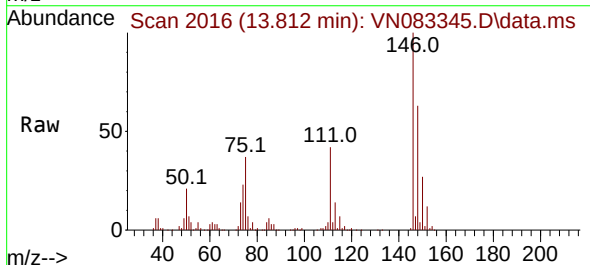
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

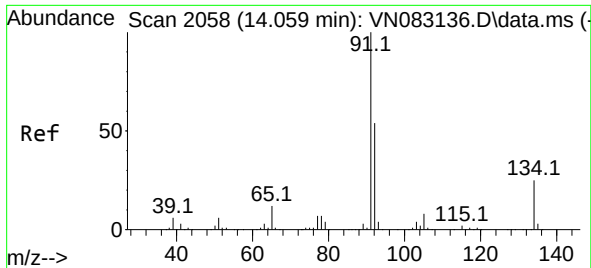
Tgt Ion:146 Resp: 219913
Ion Ratio Lower Upper
146 100
111 44.1 20.6 61.9
148 63.6 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 53.121 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

Tgt Ion:146 Resp: 221494
Ion Ratio Lower Upper
146 100
111 42.0 20.1 60.3
148 63.3 32.2 96.6

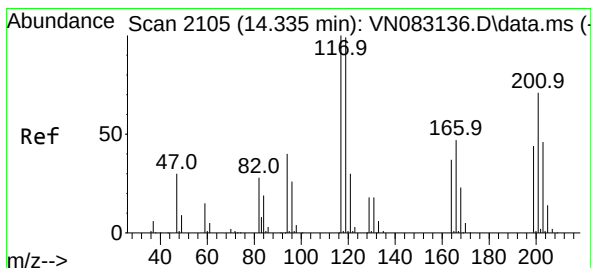
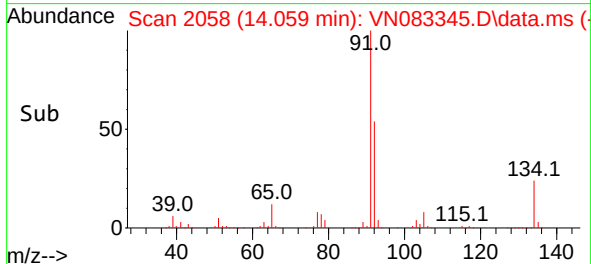
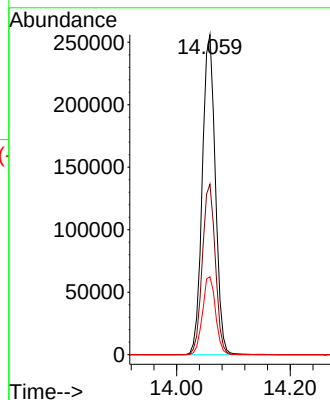
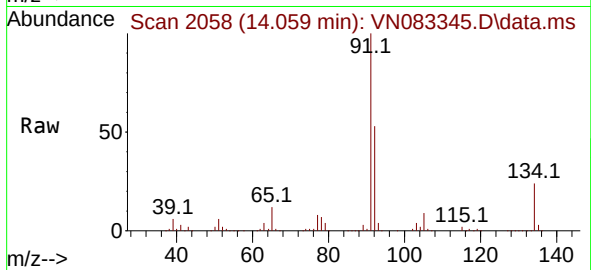




#89
n-Butylbenzene
Concen: 56.972 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

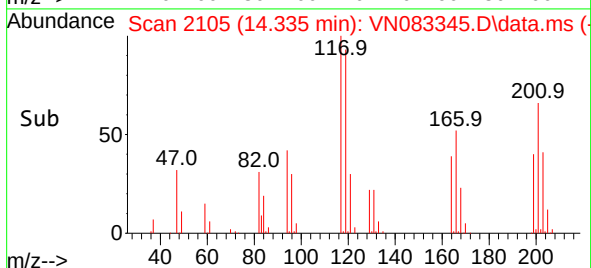
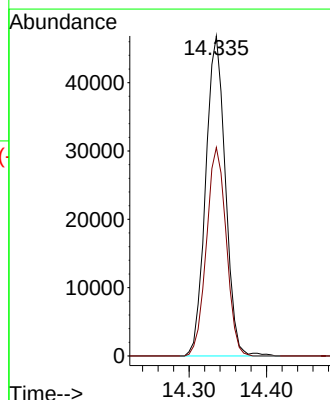
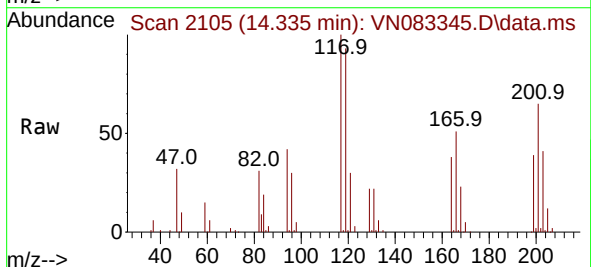
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

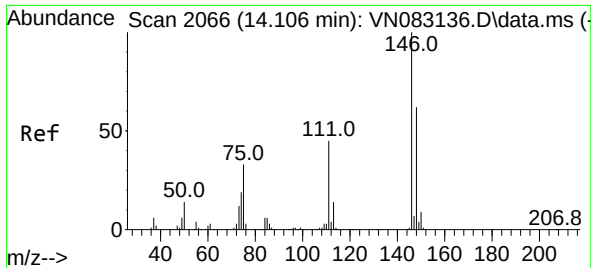
Tgt Ion: 91 Resp: 408014
Ion Ratio Lower Upper
91 100
92 53.2 26.1 78.3
134 24.4 12.1 36.3



#90
Hexachloroethane
Concen: 51.599 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN083345.D
Acq: 16 Aug 2024 11:14

Tgt Ion: 117 Resp: 82394
Ion Ratio Lower Upper
117 100
201 65.4 35.8 107.3

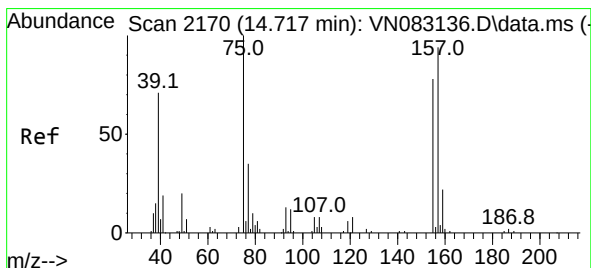
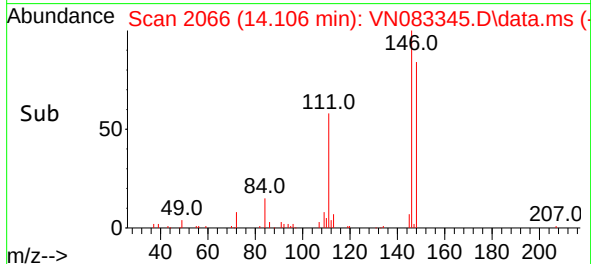
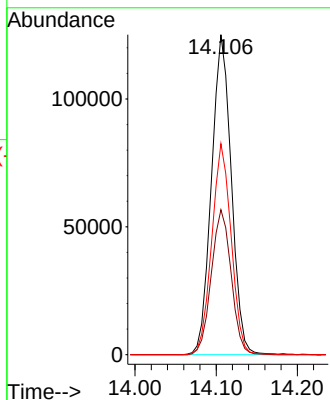
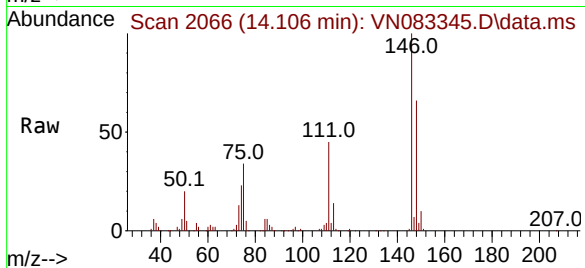




#91
 1,2-Dichlorobenzene
 Concen: 53.036 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: VN083345.D
 Acq: 16 Aug 2024 11:14

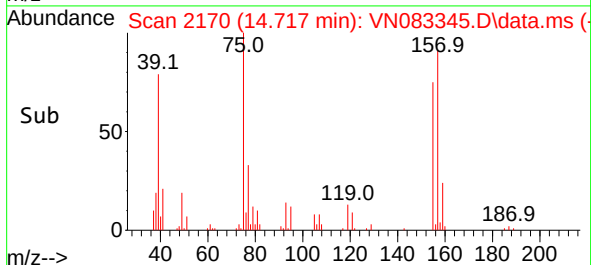
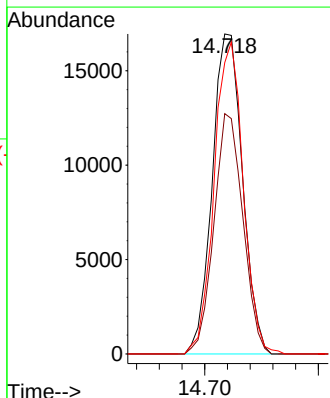
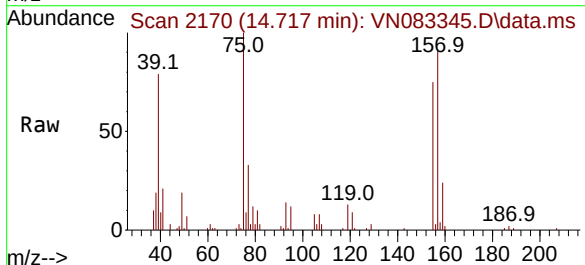
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

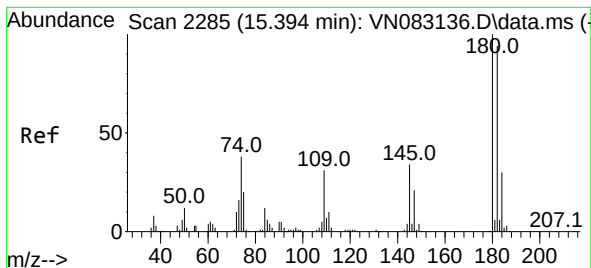
Tgt Ion:146 Resp: 212265
 Ion Ratio Lower Upper
 146 100
 111 45.4 21.4 64.2
 148 64.7 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.156 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. 0.000 min
 Lab File: VN083345.D
 Acq: 16 Aug 2024 11:14

Tgt Ion: 75 Resp: 31344
 Ion Ratio Lower Upper
 75 100
 155 72.0 36.6 109.8
 157 93.4 46.9 140.6





#93

1,2,4-Trichlorobenzene

Concen: 54.714 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN083345.D

Acq: 16 Aug 2024 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

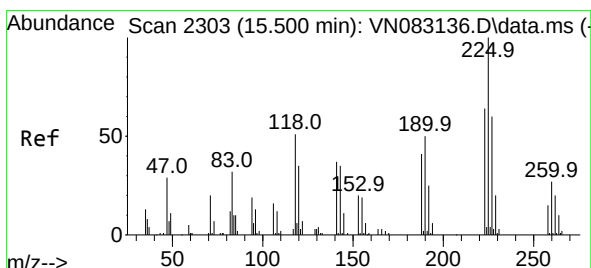
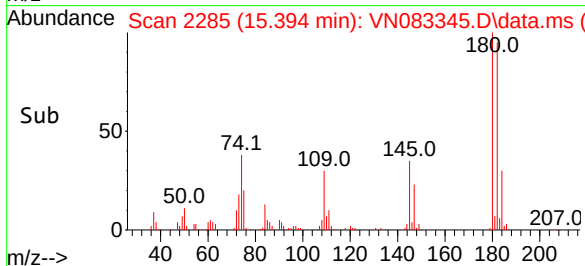
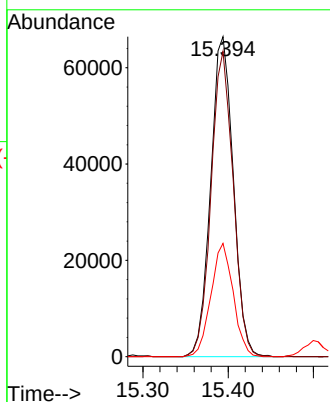
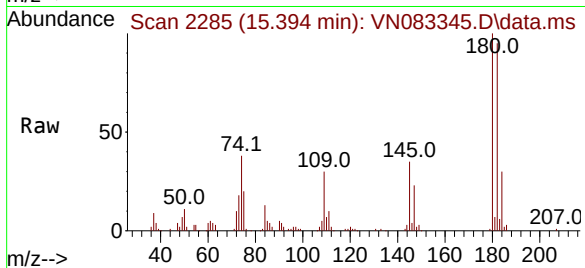
Tgt Ion:180 Resp: 122680

Ion Ratio Lower Upper

180 100

182 93.2 47.3 141.8

145 34.9 15.7 47.1



#94

Hexachlorobutadiene

Concen: 50.615 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN083345.D

Acq: 16 Aug 2024 11:14

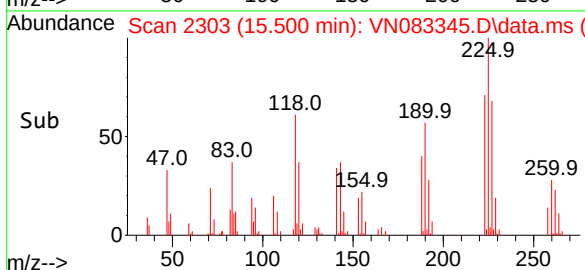
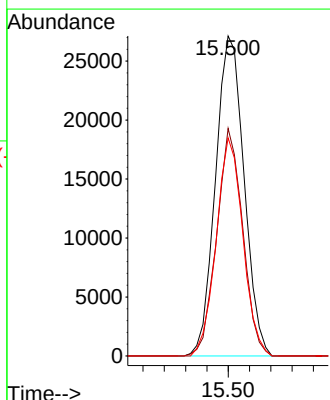
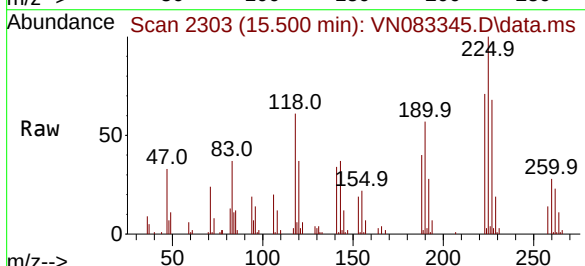
Tgt Ion:225 Resp: 50472

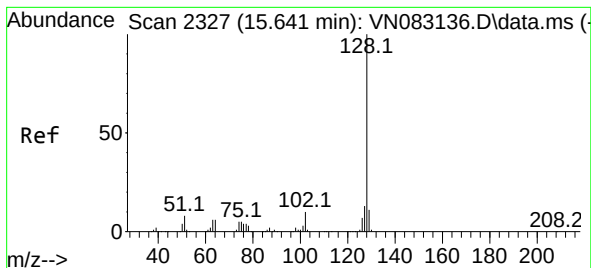
Ion Ratio Lower Upper

225 100

223 64.6 31.9 95.7

227 63.5 32.5 97.5





#95

Naphthalene

Concen: 50.033 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN083345.D

Acq: 16 Aug 2024 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

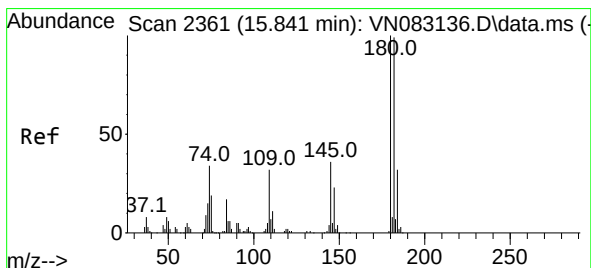
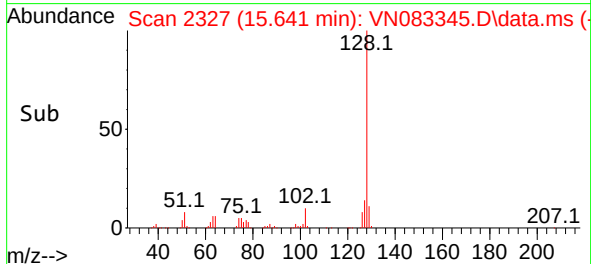
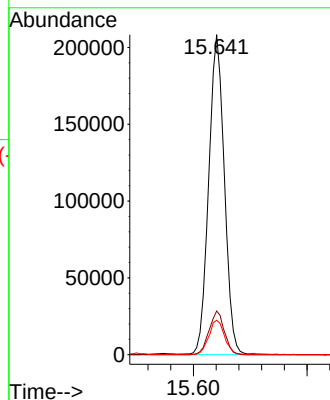
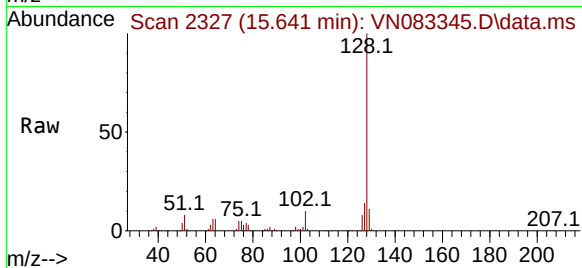
Tgt Ion:128 Resp: 397384

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 52.659 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN083345.D

Acq: 16 Aug 2024 11:14

Tgt Ion:180 Resp: 116829

Ion Ratio Lower Upper

180 100

182 95.1 48.9 146.8

145 37.0 16.8 50.4

