

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
 Data File : VN083743.D
 Acq On : 10 Sep 2024 09:32
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Sep 11 01:54:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 01:38:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	172686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	304866	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	265988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	127433	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	146624	56.310	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.620%	
35) Dibromofluoromethane	8.165	113	103536	53.049	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.100%	
50) Toluene-d8	10.565	98	387600	57.446	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 114.900%#	
62) 4-Bromofluorobenzene	12.847	95	148654	53.401	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.800%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	103740	51.728	ug/l	99
3) Chloromethane	2.359	50	107608	52.642	ug/l	99
4) Vinyl Chloride	2.512	62	113364	51.571	ug/l	97
5) Bromomethane	2.906	94	61931	49.070	ug/l	98
6) Chloroethane	3.083	64	74441	48.814	ug/l	100
7) Trichlorofluoromethane	3.471	101	183864	49.276	ug/l	98
8) Diethyl Ether	3.953	74	63376	50.670	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.353	101	101147	51.143	ug/l	97
10) Methyl Iodide	4.577	142	131056	52.103	ug/l	96
11) Tert butyl alcohol	5.530	59	87546	251.078	ug/l	99
12) 1,1-Dichloroethene	4.330	96	96478	51.654	ug/l	93
13) Acrolein	4.171	56	89867	261.217	ug/l	98
14) Allyl chloride	5.018	41	172508	51.834	ug/l	99
15) Acrylonitrile	5.718	53	237803	250.783	ug/l	99
16) Acetone	4.430	43	256758	245.978	ug/l	100
17) Carbon Disulfide	4.700	76	264217	50.571	ug/l	100
18) Methyl Acetate	5.024	43	115167	53.068	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	346063	51.202	ug/l	98
20) Methylene Chloride	5.271	84	105124	49.214	ug/l	93
21) trans-1,2-Dichloroethene	5.777	96	100281	50.098	ug/l	93
22) Diisopropyl ether	6.671	45	354685	51.771	ug/l	98
23) Vinyl Acetate	6.600	43	1334972	266.082	ug/l	99
24) 1,1-Dichloroethane	6.559	63	197743	50.099	ug/l	99
25) 2-Butanone	7.483	43	339457	247.428	ug/l	100
26) 2,2-Dichloropropane	7.483	77	188830	51.949	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	123764	52.085	ug/l	99
28) Bromochloromethane	7.812	49	90626	54.522	ug/l	98
29) Tetrahydrofuran	7.836	42	208523	257.049	ug/l	97
30) Chloroform	7.959	83	210873	50.323	ug/l	96
31) Cyclohexane	8.253	56	175569	46.653	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	196328	50.954	ug/l	100
36) 1,1-Dichloropropene	8.371	75	143931	48.996	ug/l	100
37) Ethyl Acetate	7.559	43	139729	52.402	ug/l	98
38) Carbon Tetrachloride	8.359	117	171174	51.362	ug/l	97
39) Methylcyclohexane	9.600	83	174544	52.200	ug/l	99
40) Benzene	8.600	78	439364	49.691	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	80473	51.026	ug/l	99
42) 1,2-Dichloroethane	8.671	62	166416	50.370	ug/l	99
43) Isopropyl Acetate	8.688	43	242653	50.218	ug/l	97
44) Trichloroethene	9.353	130	103614	50.604	ug/l	99
45) 1,2-Dichloropropane	9.618	63	106419	49.798	ug/l	98
46) Dibromomethane	9.706	93	77488	51.768	ug/l	98
47) Bromodichloromethane	9.888	83	167396	51.674	ug/l	99
48) Methyl methacrylate	9.677	41	115324	50.305	ug/l	98
49) 1,4-Dioxane	9.694	88	36620	971.017	ug/l #	96
51) 4-Methyl-2-Pentanone	10.441	43	675474	256.804	ug/l	98
52) Toluene	10.629	92	276845	51.189	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	170271	51.855	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	178747	51.823	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	100040	49.547	ug/l	98
56) Ethyl methacrylate	10.871	69	169686	54.624	ug/l	99
57) 1,3-Dichloropropane	11.159	76	175459	50.562	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	264081	235.930	ug/l	99
59) 2-Hexanone	11.194	43	501507	257.751	ug/l	99
60) Dibromochloromethane	11.359	129	119533	52.899	ug/l #	10
61) 1,2-Dibromoethane	11.465	107	101248	50.281	ug/l	100
64) Tetrachloroethene	11.100	164	85484	48.327	ug/l	98
65) Chlorobenzene	11.888	112	290168	49.084	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	104718	51.096	ug/l	99
67) Ethyl Benzene	11.965	91	539737	51.395	ug/l	99
68) m/p-Xylenes	12.071	106	401299	102.926	ug/l	99
69) o-Xylene	12.394	106	196721	52.119	ug/l	98
70) Styrene	12.412	104	330888	53.417	ug/l	99
71) Bromoform	12.576	173	74017	53.596	ug/l #	99
73) Isopropylbenzene	12.694	105	519478	52.691	ug/l	100
74) N-amyl acetate	12.494	43	221603	52.682	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	139525	48.166	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	190637	74.139	ug/l	66
77) Bromobenzene	12.976	156	114527	48.259	ug/l	98
78) n-propylbenzene	13.035	91	606410	52.864	ug/l	99
79) 2-Chlorotoluene	13.123	91	368645	50.391	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	435677	52.415	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	52353	53.325	ug/l	97
82) 4-Chlorotoluene	13.223	91	375734	51.180	ug/l	99
83) tert-Butylbenzene	13.435	119	384034	52.809	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	443899	53.164	ug/l	100
85) sec-Butylbenzene	13.617	105	520441	53.962	ug/l	100
86) p-Isopropyltoluene	13.729	119	439355	54.344	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	221915	49.548	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	221827	48.914	ug/l	99
89) n-Butylbenzene	14.053	91	382538	52.700	ug/l	100
90) Hexachloroethane	14.329	117	81825	50.348	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	215156	49.777	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	30218	52.330	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	118780	51.209	ug/l	98
94) Hexachlorobutadiene	15.500	225	47681	48.405	ug/l	99
95) Naphthalene	15.635	128	384390	54.471	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	114047	51.447	ug/l	98

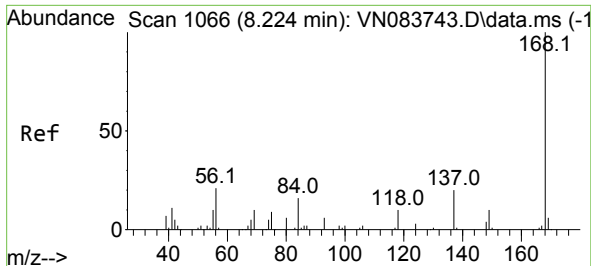
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
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Quant Title : SW846 8260
QLast Update : Wed Sep 11 01:38:19 2024
Response via : Initial Calibration

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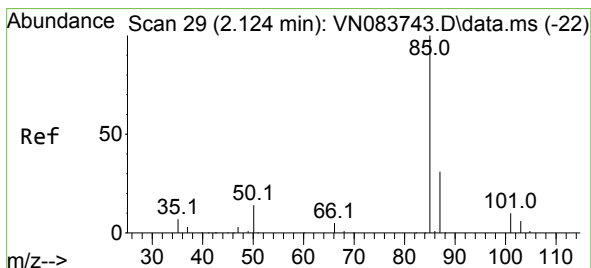
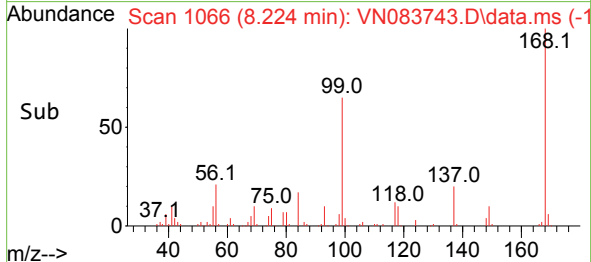
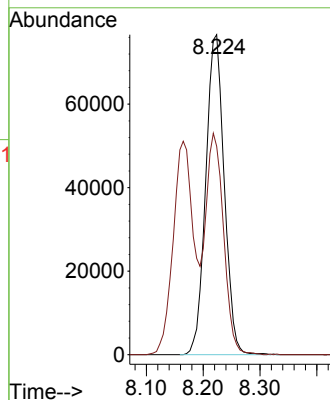
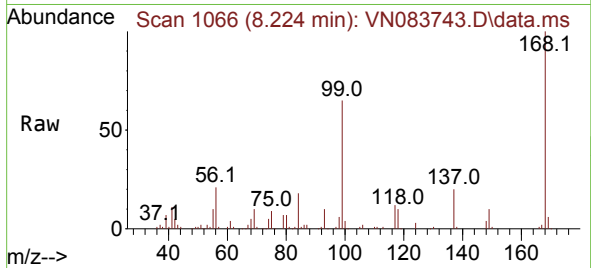
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

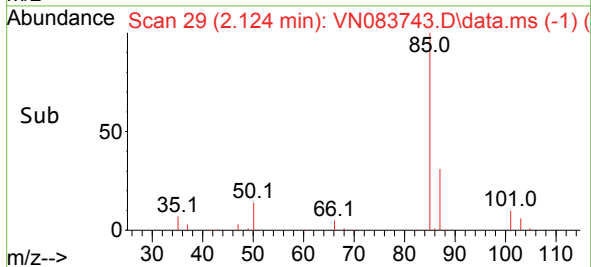
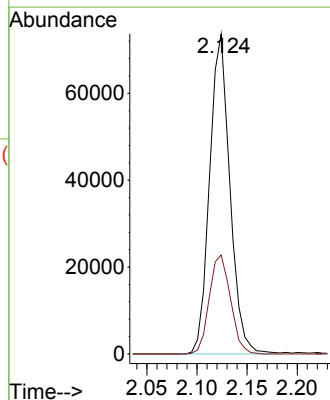
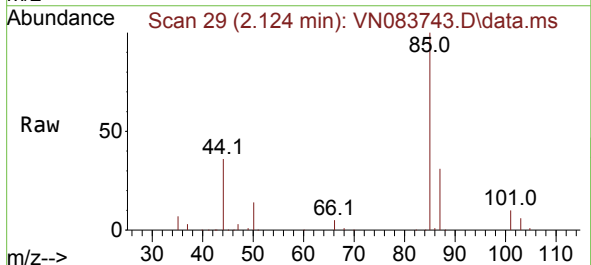
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

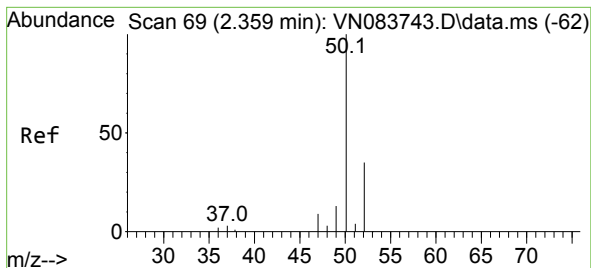
Tgt Ion:168 Resp: 172686
Ion Ratio Lower Upper
168 100
99 65.1 54.2 81.2



#2
Dichlorodifluoromethane
Concen: 51.728 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

Tgt Ion: 85 Resp: 103740
Ion Ratio Lower Upper
85 100
87 31.0 15.7 47.0





#3

Chloromethane

Concen: 52.642 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

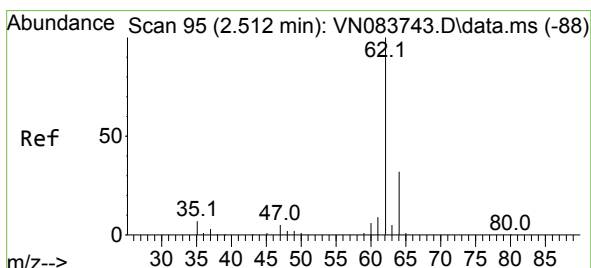
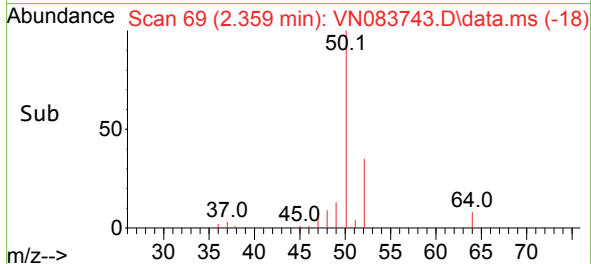
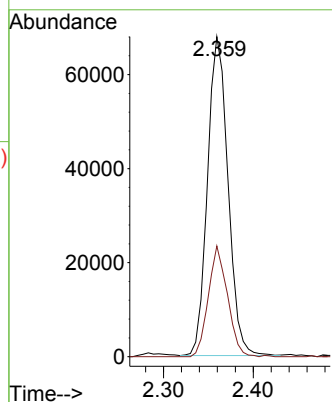
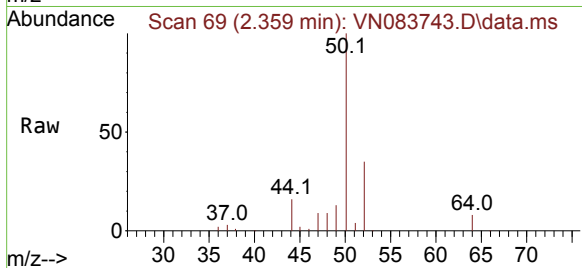
VSTDICCC050

Tgt Ion: 50 Resp: 107608

Ion Ratio Lower Upper

50 100

52 34.7 27.2 40.8



#4

Vinyl Chloride

Concen: 51.571 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN083743.D

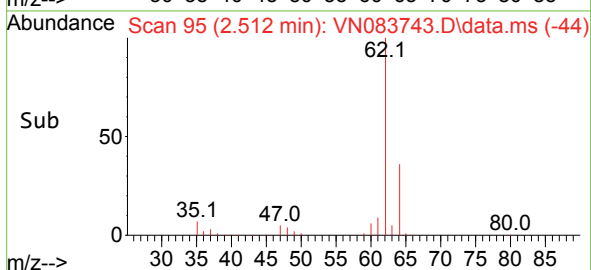
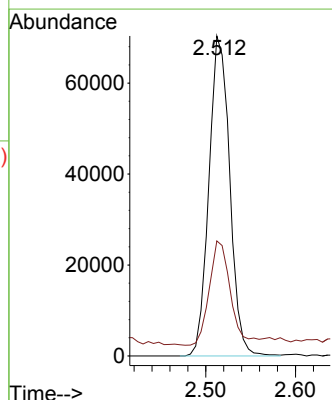
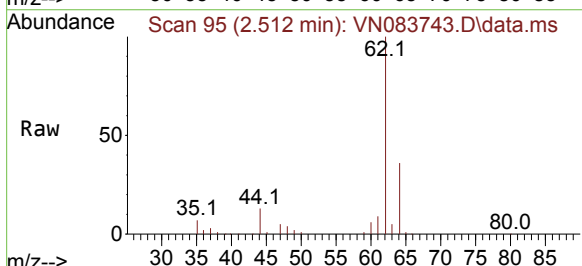
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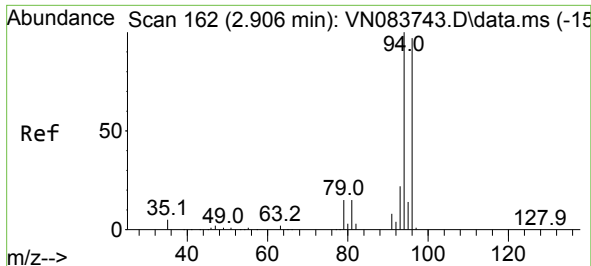
Tgt Ion: 62 Resp: 113364

Ion Ratio Lower Upper

62 100

64 32.5 24.7 37.1

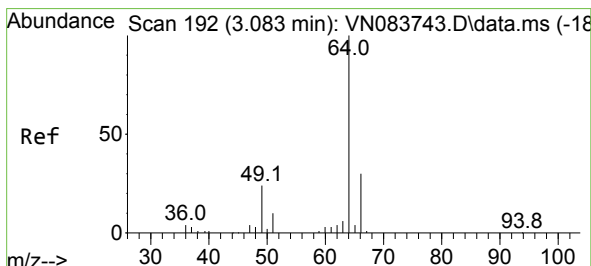
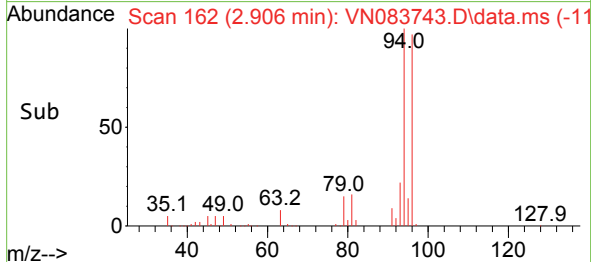
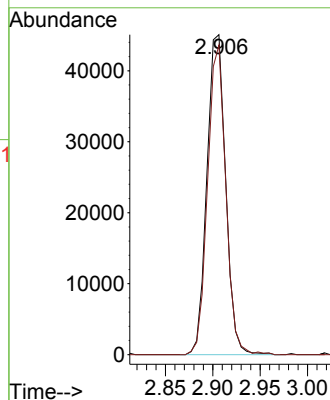
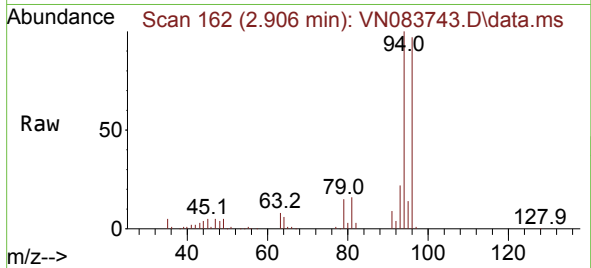




#5
Bromomethane
Concen: 49.070 ug/l
RT: 2.906 min Scan# 162
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

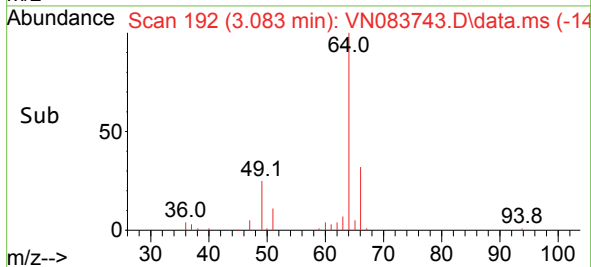
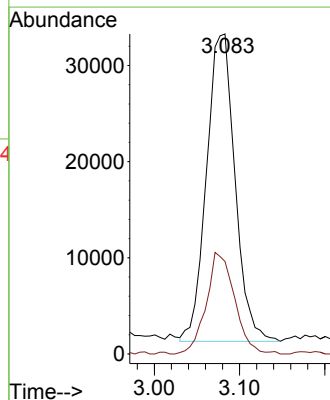
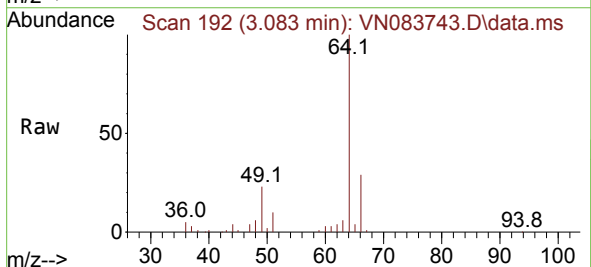
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

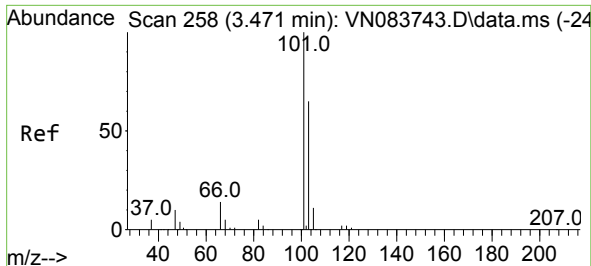
Tgt Ion: 94 Resp: 61931
Ion Ratio Lower Upper
94 100
96 96.8 76.0 114.0



#6
Chloroethane
Concen: 48.814 ug/l
RT: 3.083 min Scan# 192
Delta R.T. -0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

Tgt Ion: 64 Resp: 74441
Ion Ratio Lower Upper
64 100
66 30.1 23.9 35.9

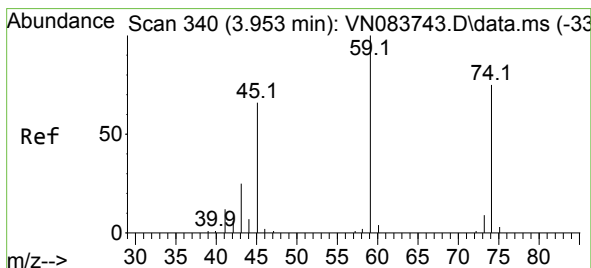
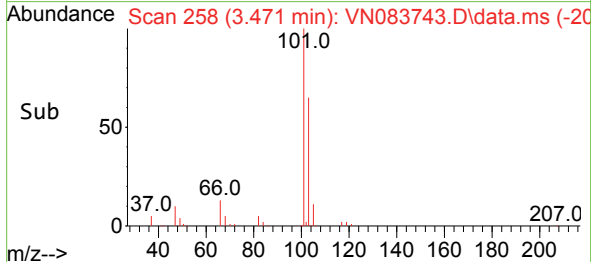
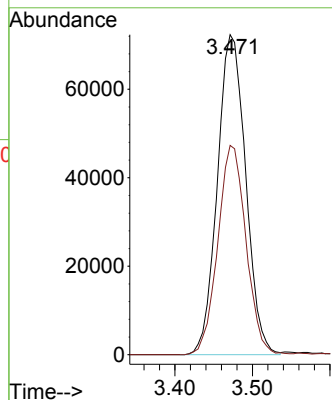
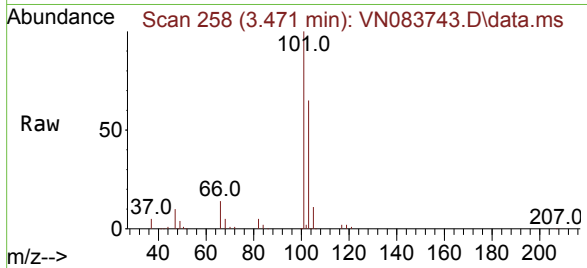




#7
Trichlorofluoromethane
Concen: 49.276 ug/l
RT: 3.471 min Scan# 258
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

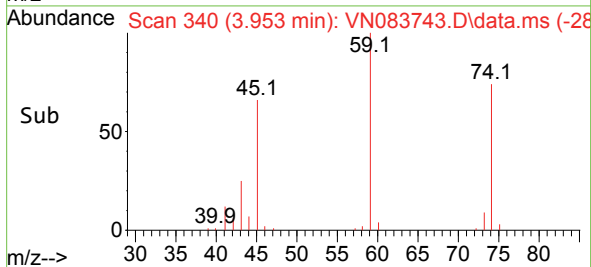
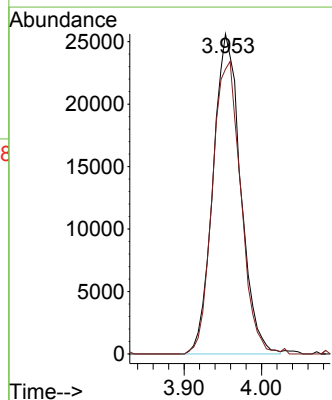
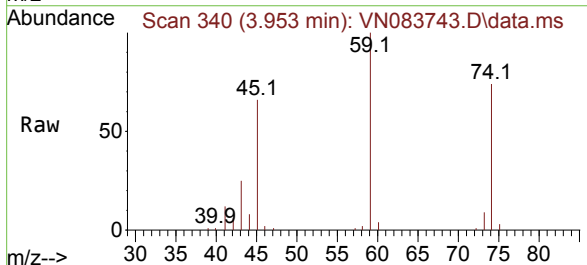
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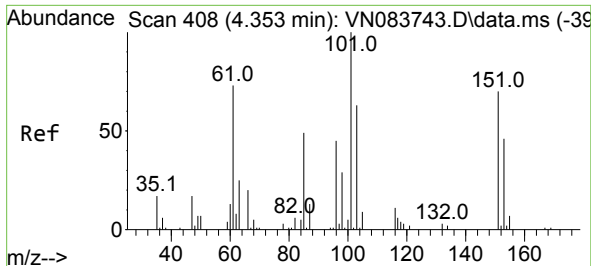
Tgt Ion:101 Resp: 183864
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.0



#8
Diethyl Ether
Concen: 50.670 ug/l
RT: 3.953 min Scan# 340
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

Tgt Ion: 74 Resp: 63376
Ion Ratio Lower Upper
74 100
45 94.3 46.7 140.1

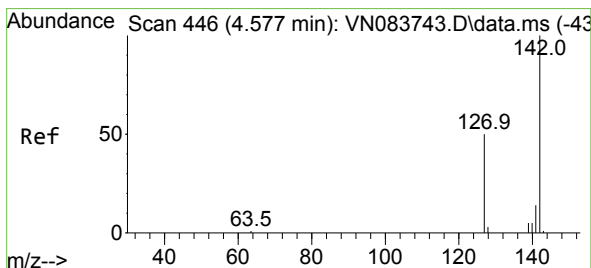
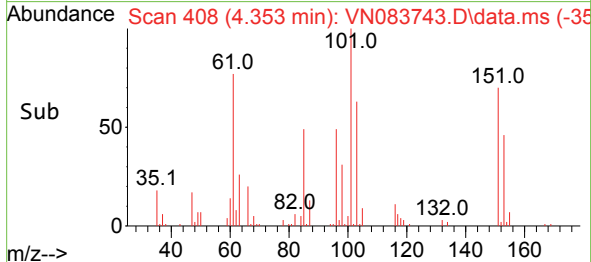
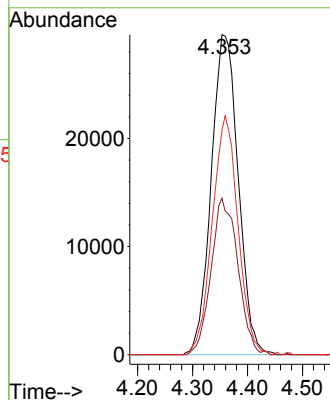
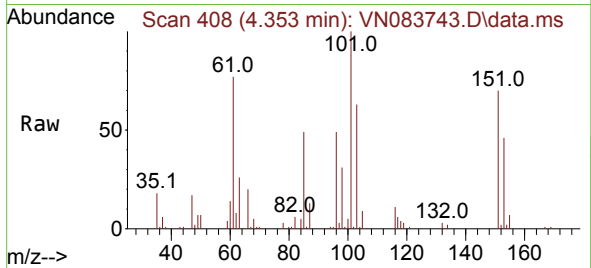




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.143 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

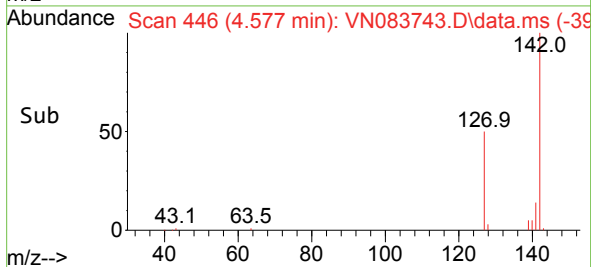
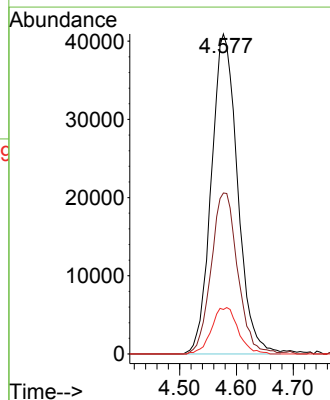
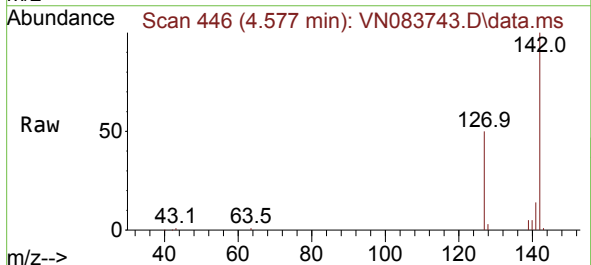
Instrument :
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ClientSampleId :
VSTDICCC050

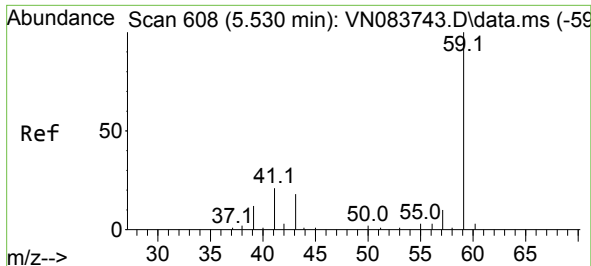
Tgt Ion:101 Resp: 101147
Ion Ratio Lower Upper
101 100
85 48.5 36.2 54.4
151 71.0 57.7 86.5



#10
Methyl Iodide
Concen: 52.103 ug/l
RT: 4.577 min Scan# 446
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

Tgt Ion:142 Resp: 131056
Ion Ratio Lower Upper
142 100
127 50.3 37.5 56.3
141 13.9 11.0 16.4





#11

Tert butyl alcohol

Concen: 251.078 ug/l

RT: 5.530 min Scan# 608

Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

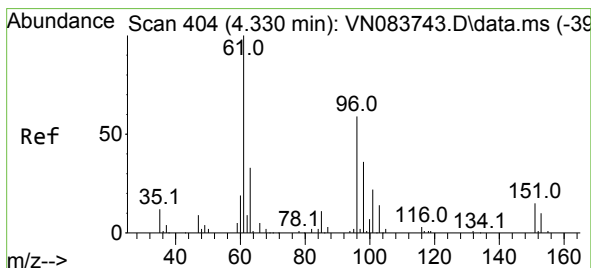
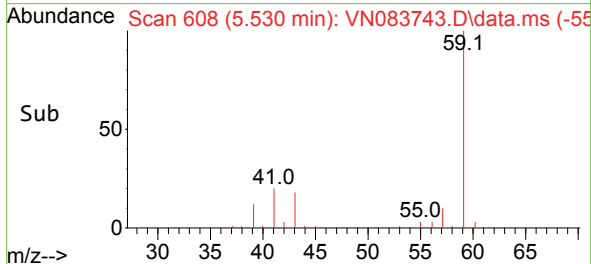
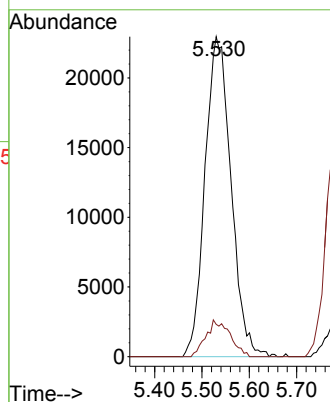
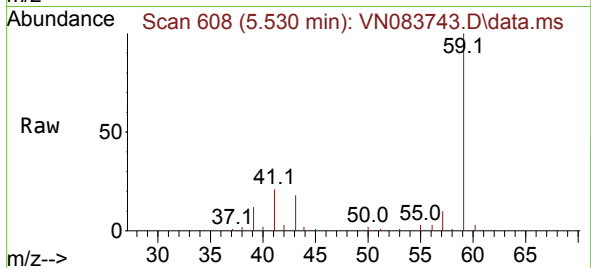
VSTDICCC050

Tgt Ion: 59 Resp: 87546

Ion Ratio Lower Upper

59 100

57 10.6 8.7 13.1



#12

1,1-Dichloroethene

Concen: 51.654 ug/l

RT: 4.330 min Scan# 404

Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

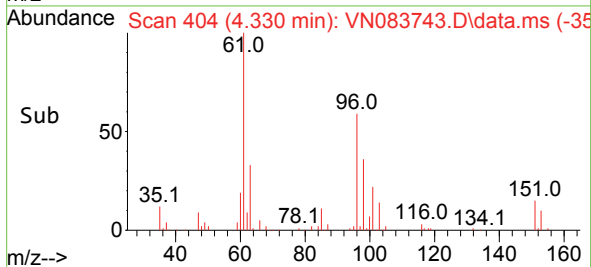
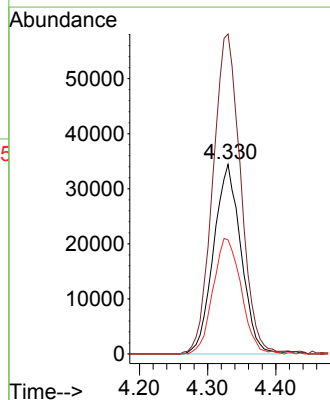
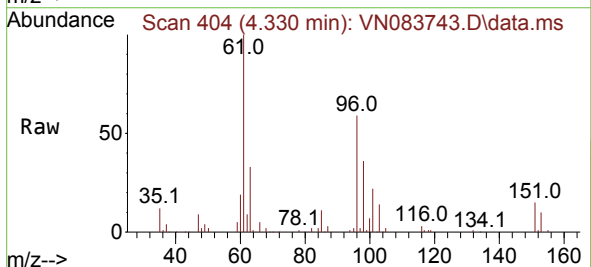
Tgt Ion: 96 Resp: 96478

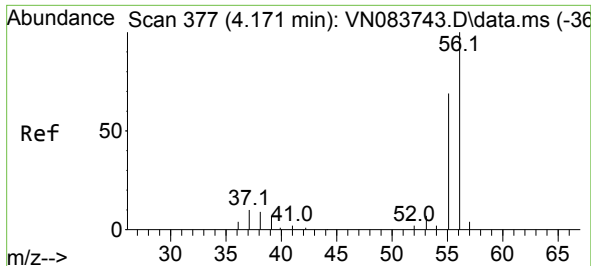
Ion Ratio Lower Upper

96 100

61 168.8 143.4 215.0

98 60.1 52.7 79.1





#13

Acrolein

Concen: 261.217 ug/l

RT: 4.171 min Scan# 377

Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

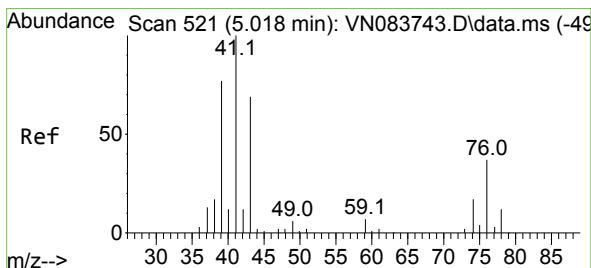
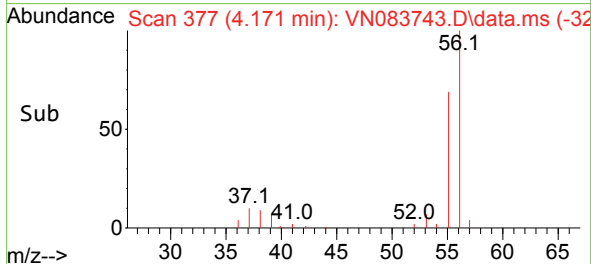
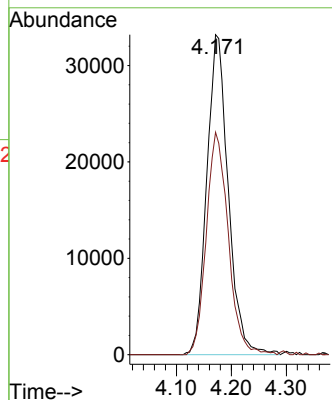
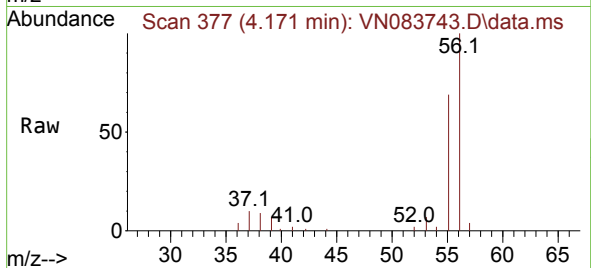
VSTDICCC050

Tgt Ion: 56 Resp: 89867

Ion Ratio Lower Upper

56 100

55 71.2 58.2 87.2



#14

Allyl chloride

Concen: 51.834 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

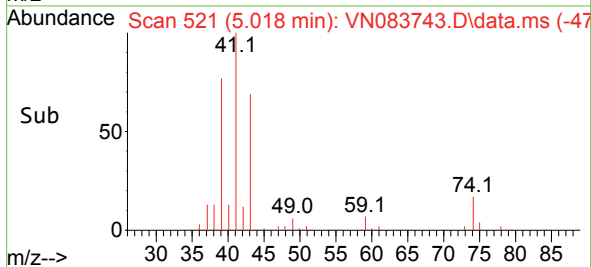
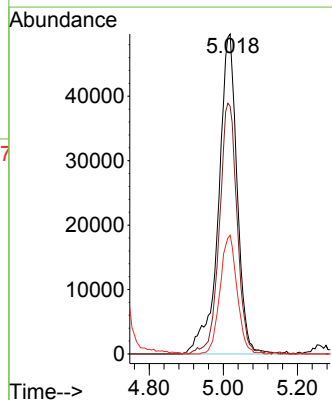
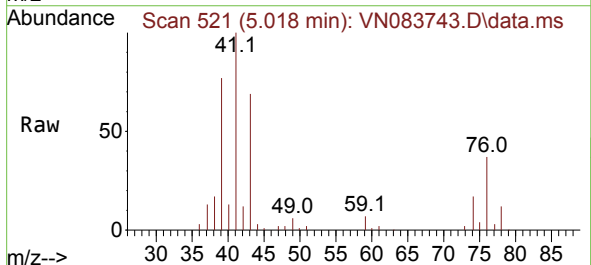
Tgt Ion: 41 Resp: 172508

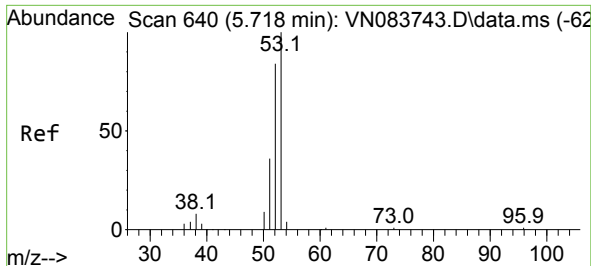
Ion Ratio Lower Upper

41 100

39 74.7 59.3 88.9

76 34.1 27.7 41.5

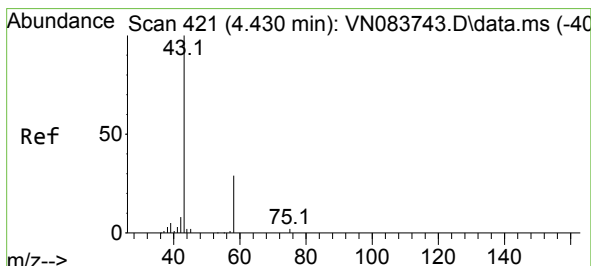
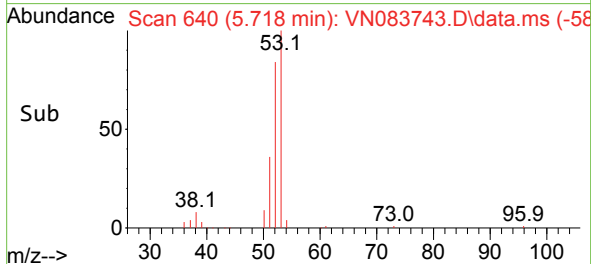
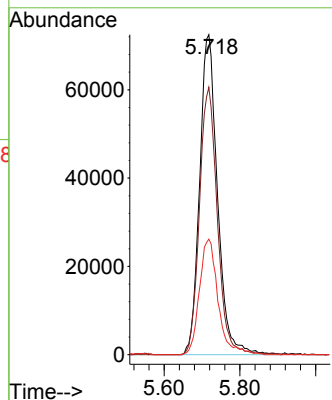
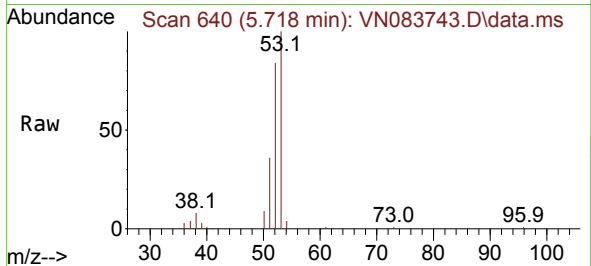




#15
Acrylonitrile
Concen: 250.783 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

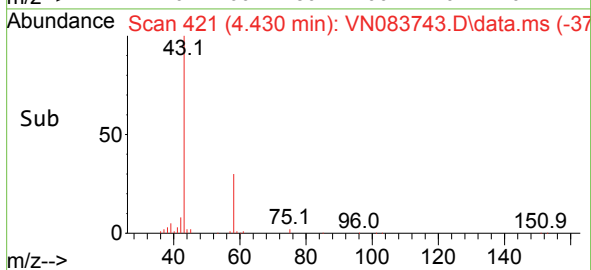
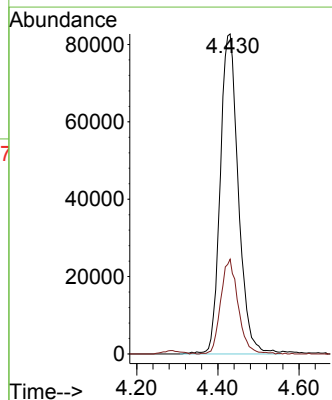
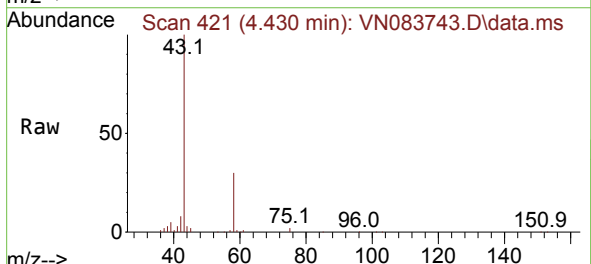
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

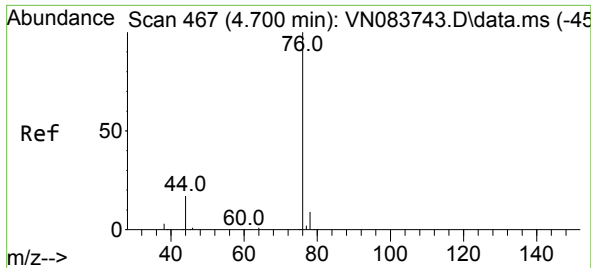
Tgt Ion: 53 Resp: 237803
Ion Ratio Lower Upper
53 100
52 83.2 66.1 99.1
51 37.8 29.6 44.4



#16
Acetone
Concen: 245.978 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

Tgt Ion: 43 Resp: 256758
Ion Ratio Lower Upper
43 100
58 29.4 23.7 35.5





#17

Carbon Disulfide

Concen: 50.571 ug/l

RT: 4.700 min Scan# 4

Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

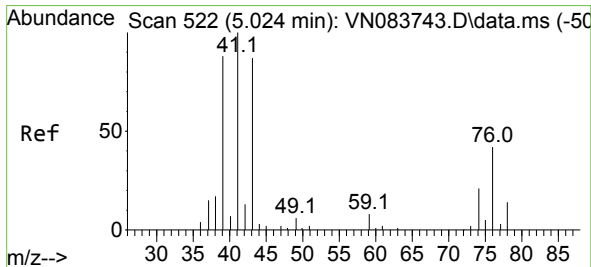
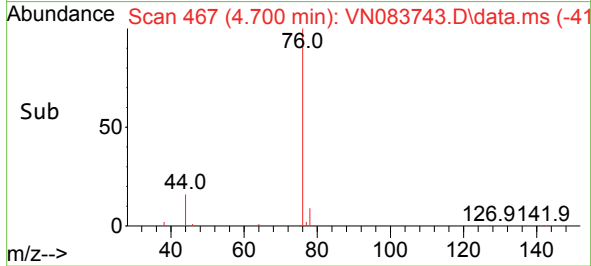
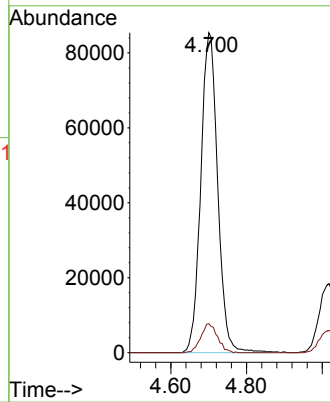
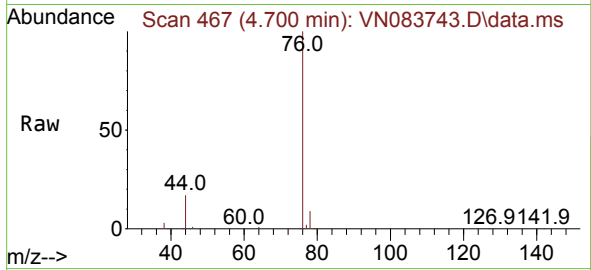
VSTDICCC050

Tgt Ion: 76 Resp: 264217

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7



#18

Methyl Acetate

Concen: 53.068 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN083743.D

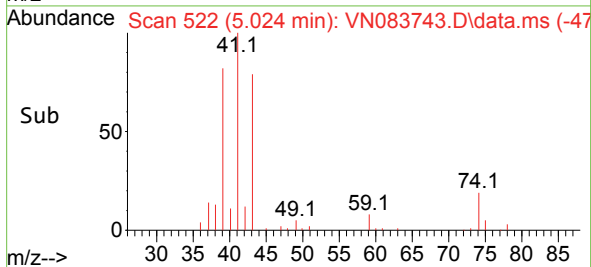
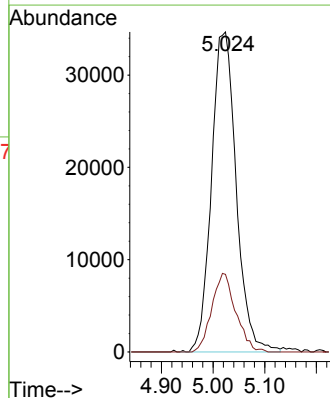
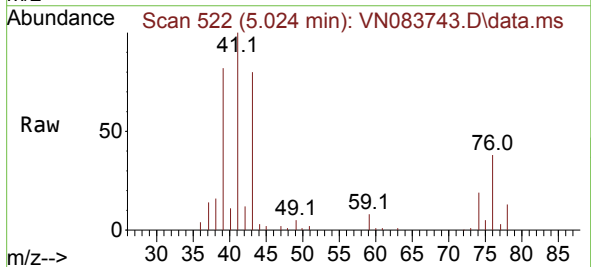
Acq: 10 Sep 2024 09:32

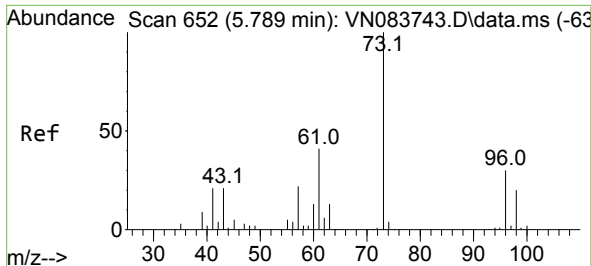
Tgt Ion: 43 Resp: 115167

Ion Ratio Lower Upper

43 100

74 23.9 19.0 28.4





#19

Methyl tert-butyl Ether

Concen: 51.202 ug/l

RT: 5.789 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

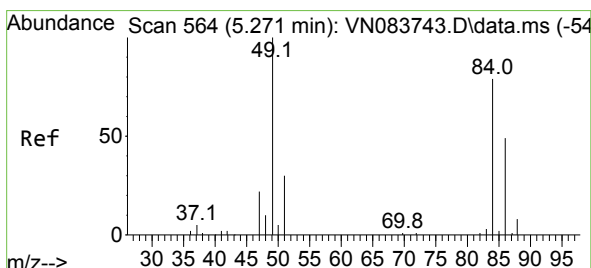
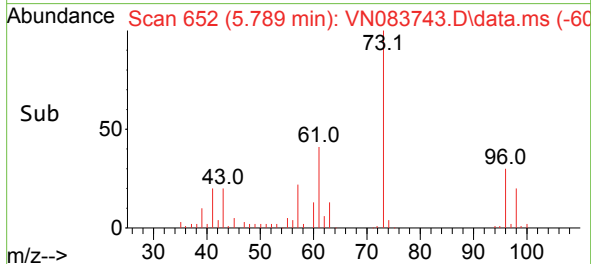
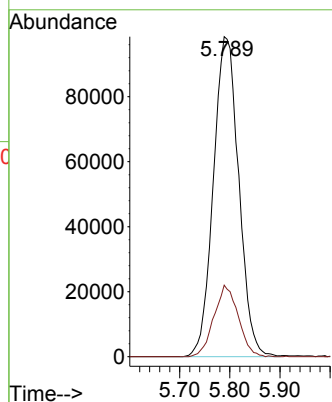
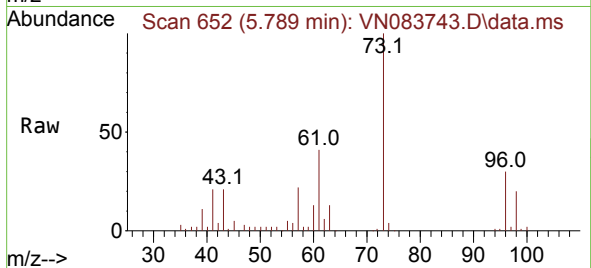
VSTDICCC050

Tgt Ion: 73 Resp: 346063

Ion Ratio Lower Upper

73 100

57 22.4 17.0 25.6



#20

Methylene Chloride

Concen: 49.214 ug/l

RT: 5.271 min Scan# 564

Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

Tgt Ion: 84 Resp: 105124

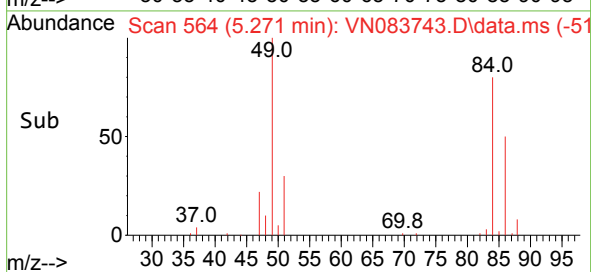
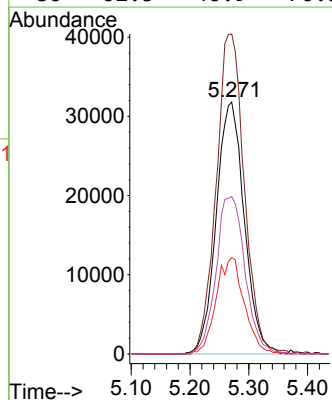
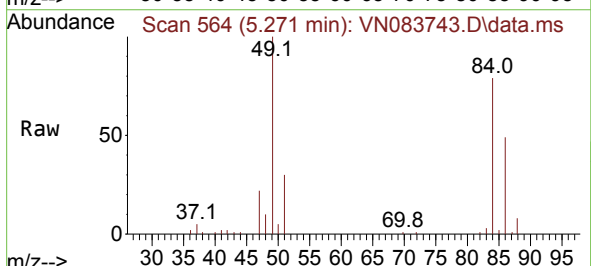
Ion Ratio Lower Upper

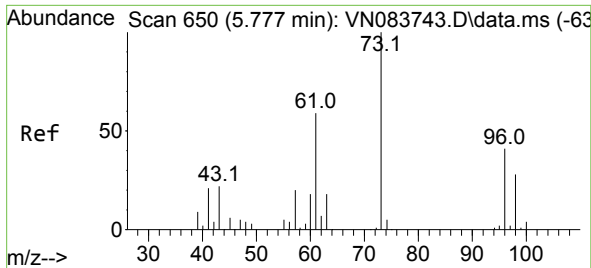
84 100

49 127.0 93.4 140.0

51 38.2 29.2 43.8

86 62.5 46.9 70.3

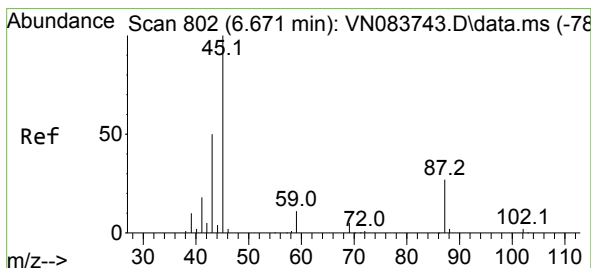
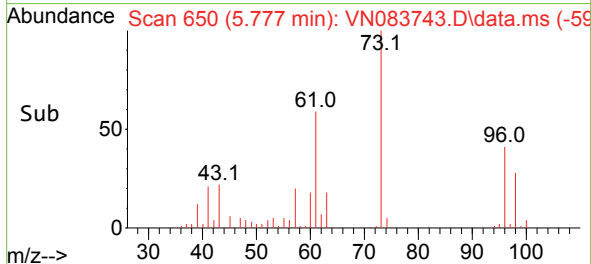
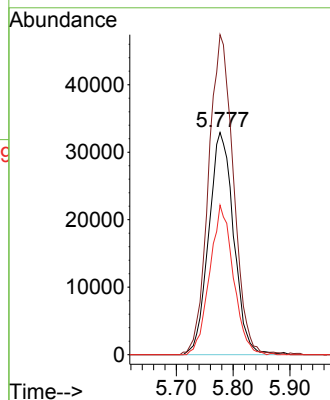
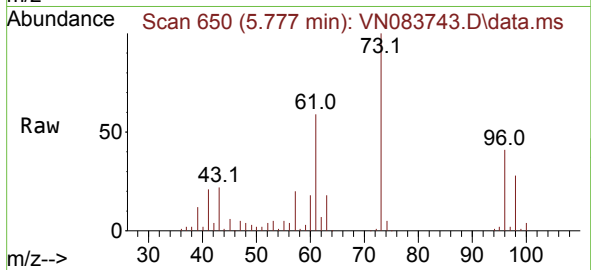




#21
trans-1,2-Dichloroethene
Concen: 50.098 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

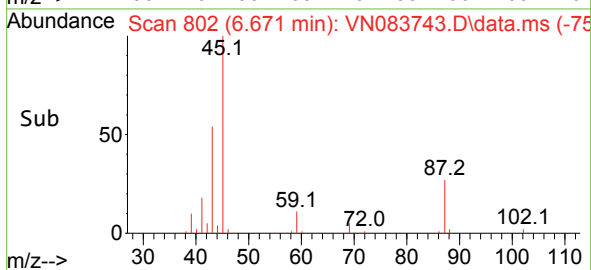
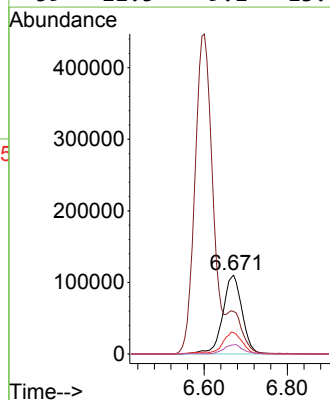
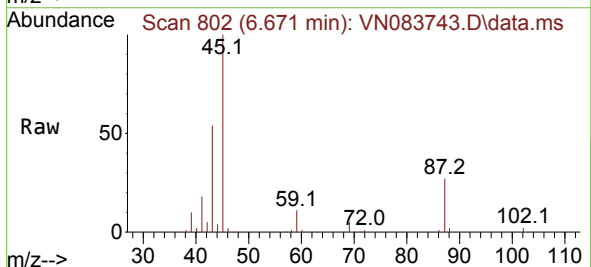
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

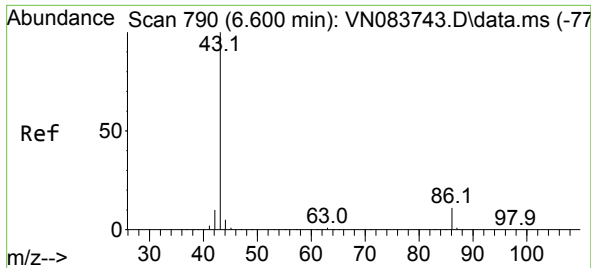
Tgt Ion: 96 Resp: 100281
Ion Ratio Lower Upper
96 100
61 144.0 106.0 159.0
98 67.2 52.2 78.2



#22
Diisopropyl ether
Concen: 51.771 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

Tgt Ion: 45 Resp: 354685
Ion Ratio Lower Upper
45 100
43 53.1 43.4 65.0
87 27.0 22.6 33.8
59 11.5 9.1 13.7

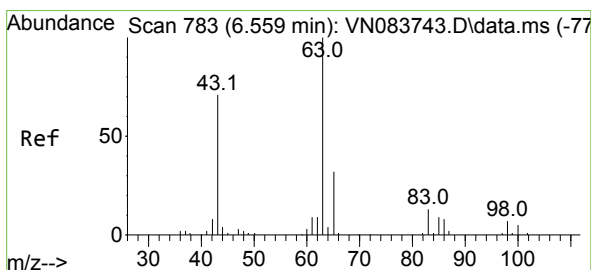
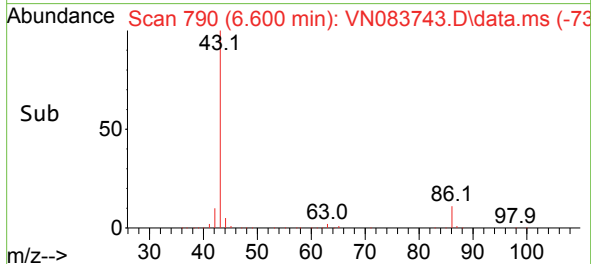
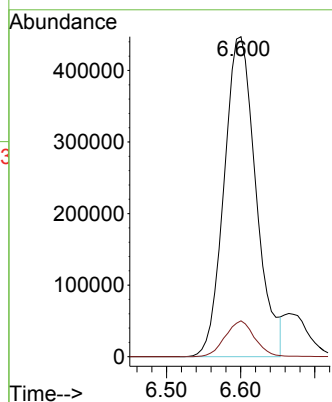
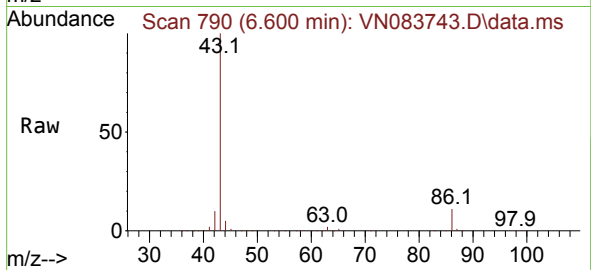




#23
 Vinyl Acetate
 Concen: 266.082 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN083743.D
 Acq: 10 Sep 2024 09:32

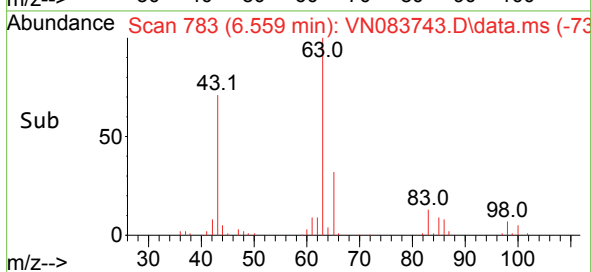
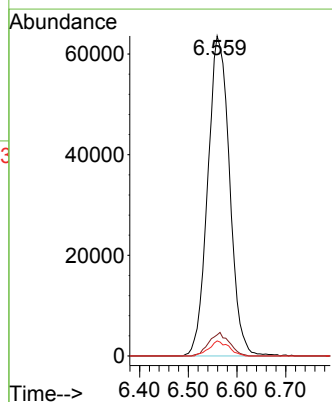
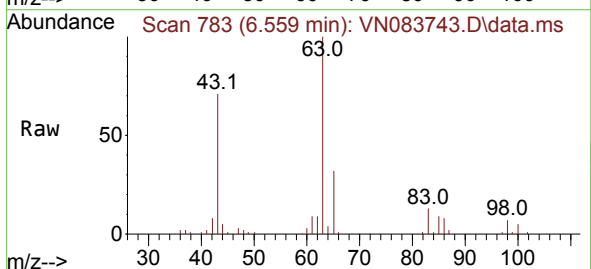
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

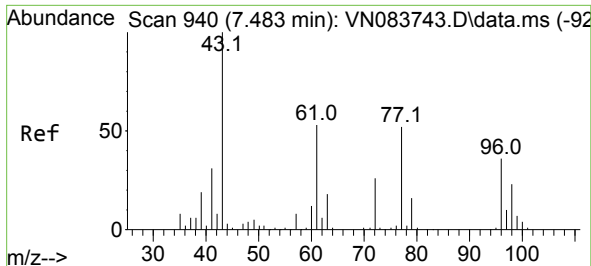
Tgt Ion: 43 Resp: 1334972
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 50.099 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. 0.000 min
 Lab File: VN083743.D
 Acq: 10 Sep 2024 09:32

Tgt Ion: 63 Resp: 197743
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.4
 100 4.7 2.5 7.5





#25

2-Butanone

Concen: 247.428 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

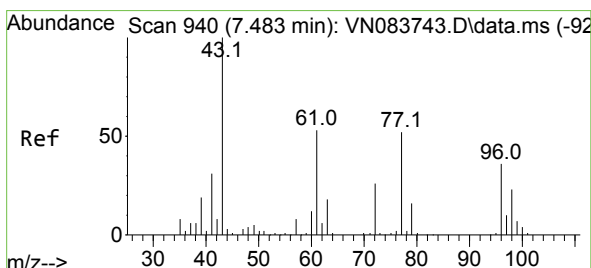
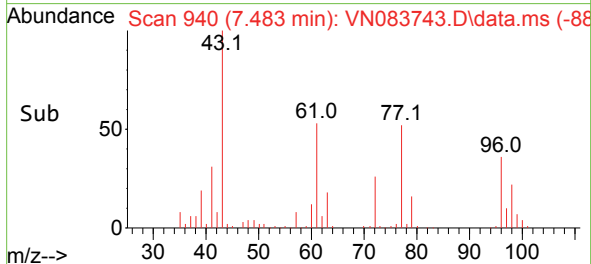
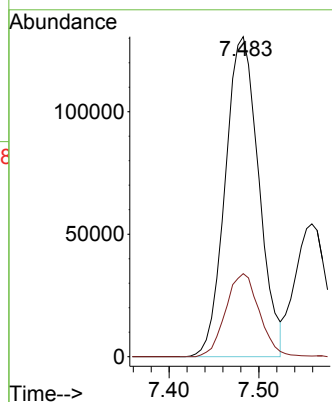
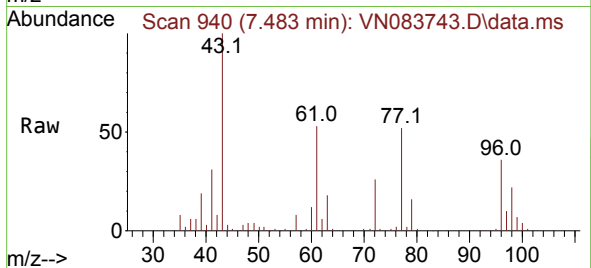
VSTDICCC050

Tgt Ion: 43 Resp: 339457

Ion Ratio Lower Upper

43 100

72 25.9 20.8 31.2



#26

2,2-Dichloropropane

Concen: 51.949 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.000 min

Lab File: VN083743.D

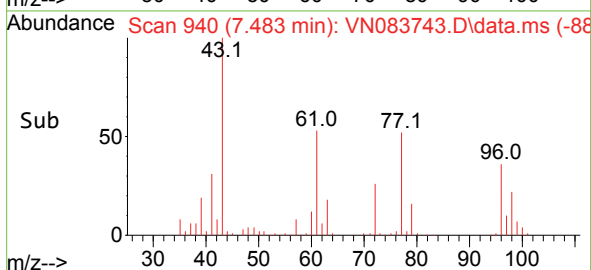
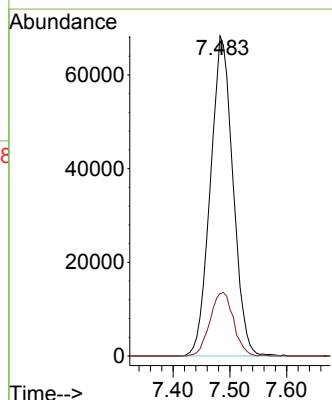
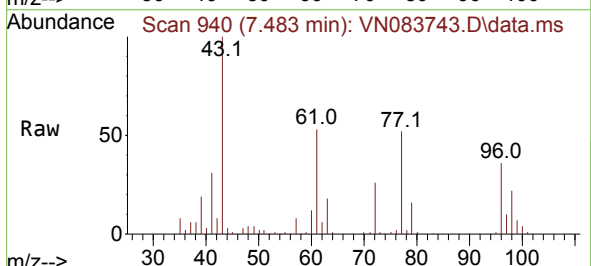
Acq: 10 Sep 2024 09:32

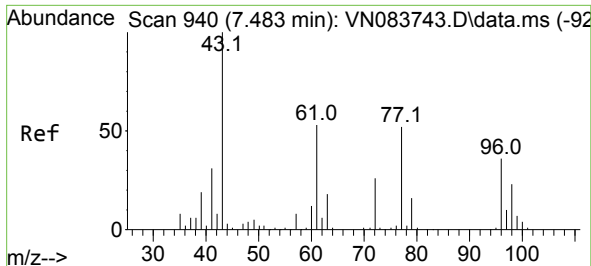
Tgt Ion: 77 Resp: 188830

Ion Ratio Lower Upper

77 100

97 20.6 10.2 30.4

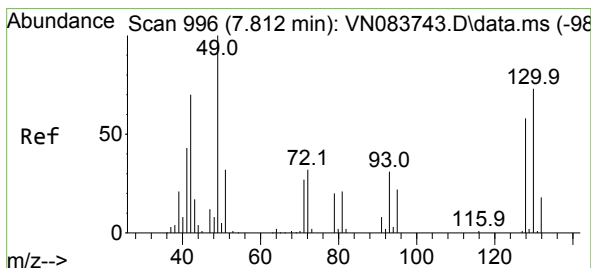
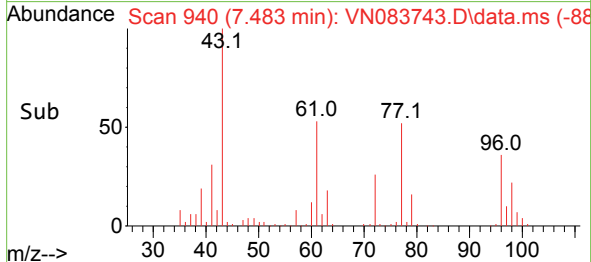
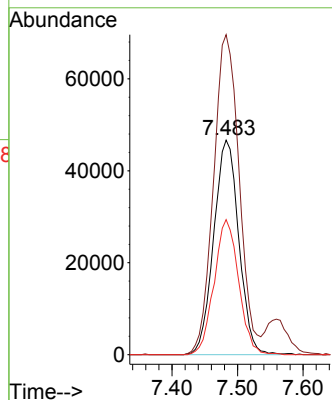
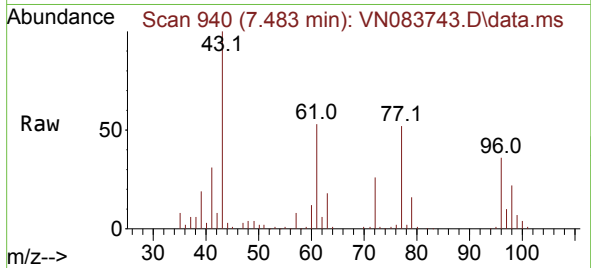




#27
 cis-1,2-Dichloroethene
 Concen: 52.085 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN083743.D
 Acq: 10 Sep 2024 09:32

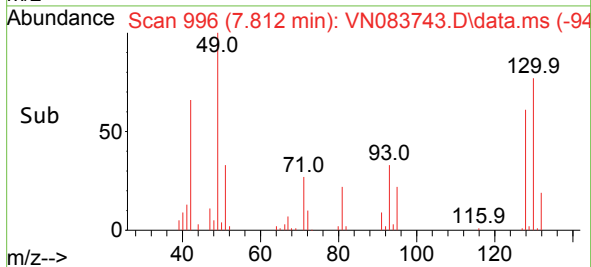
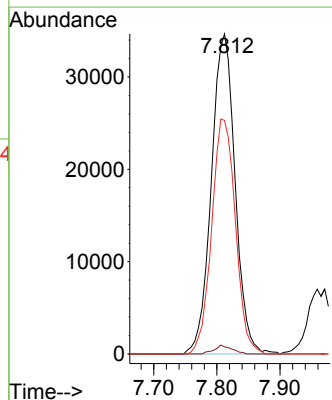
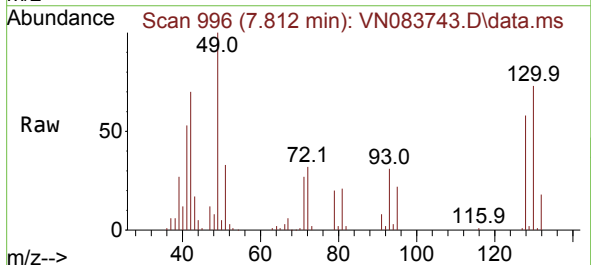
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

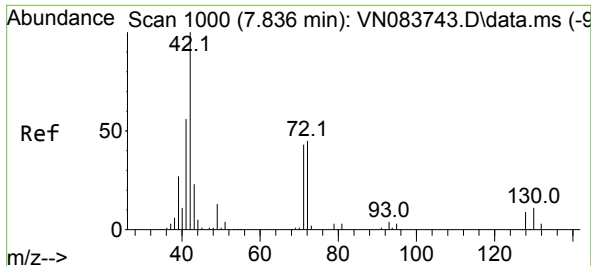
Tgt Ion: 96 Resp: 123764
 Ion Ratio Lower Upper
 96 100
 61 153.1 0.0 306.2
 98 61.8 0.0 128.6



#28
 Bromochloromethane
 Concen: 54.522 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN083743.D
 Acq: 10 Sep 2024 09:32

Tgt Ion: 49 Resp: 90626
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.4
 130 73.2 60.2 90.2

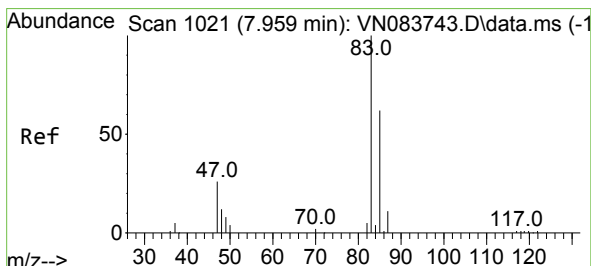
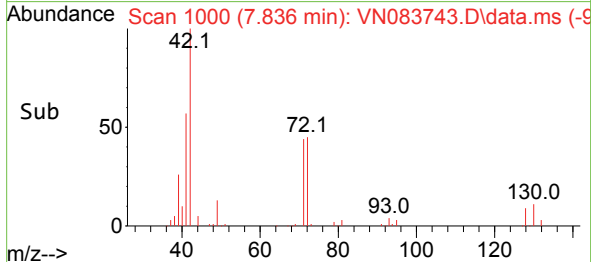
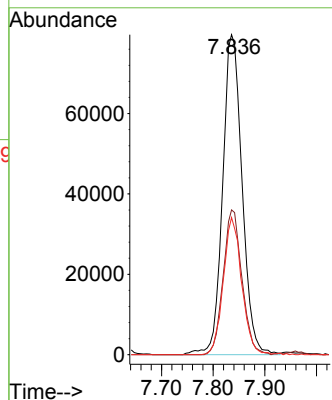
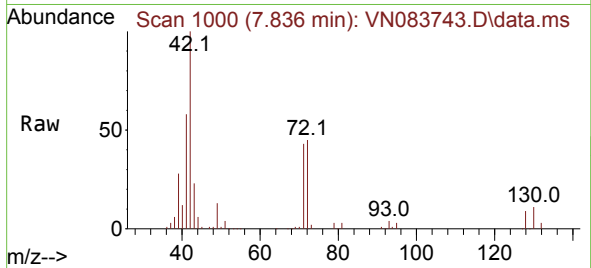




#29
Tetrahydrofuran
Concen: 257.049 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

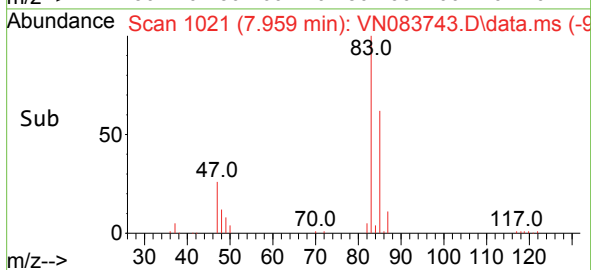
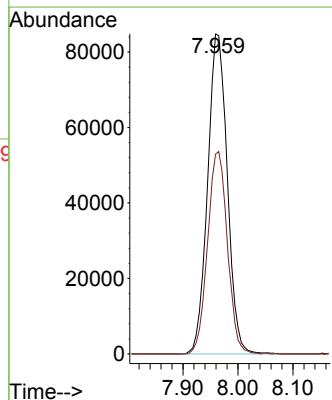
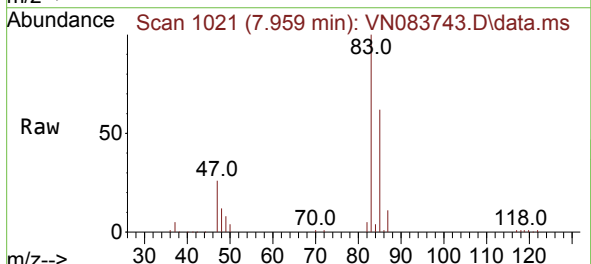
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

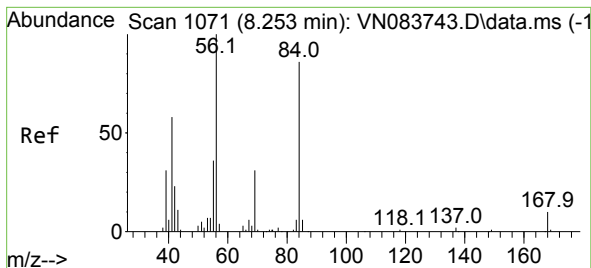
Tgt Ion: 42 Resp: 208523
Ion Ratio Lower Upper
42 100
72 43.5 35.9 53.9
71 40.5 33.9 50.9



#30
Chloroform
Concen: 50.323 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

Tgt Ion: 83 Resp: 210873
Ion Ratio Lower Upper
83 100
85 62.5 52.8 79.2





#31

Cyclohexane

Concen: 46.653 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

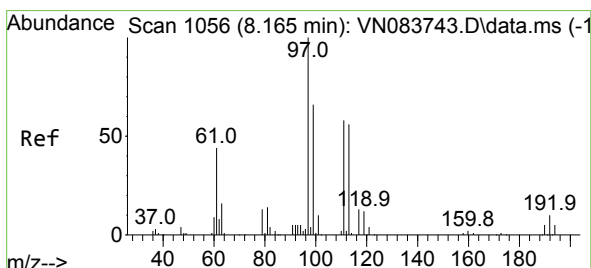
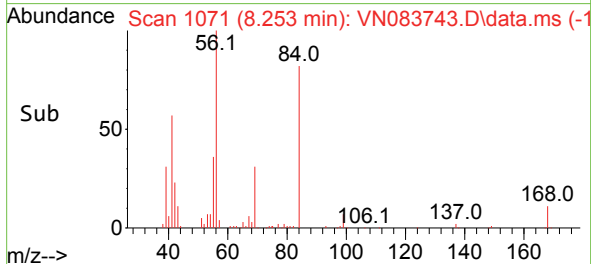
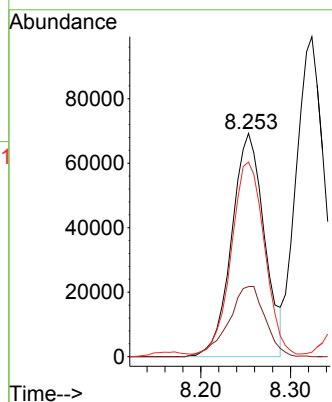
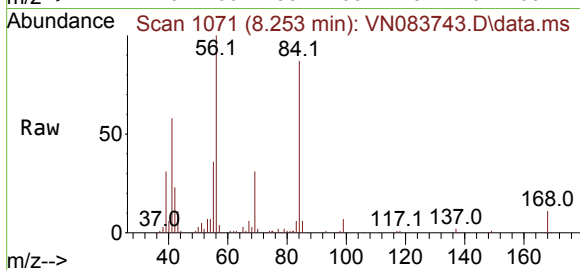
Tgt Ion: 56 Resp: 175569

Ion Ratio Lower Upper

56 100

69 31.4 26.9 40.3

84 85.6 69.2 103.8



#32

1,1,1-Trichloroethane

Concen: 50.954 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

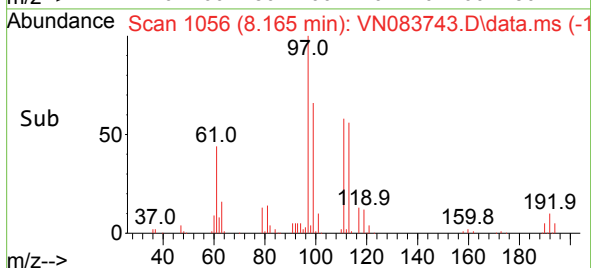
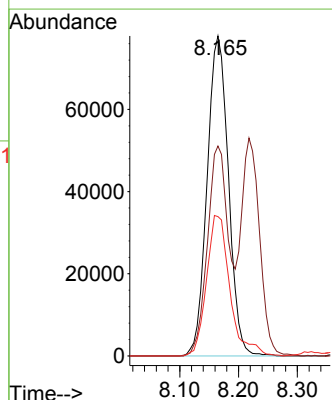
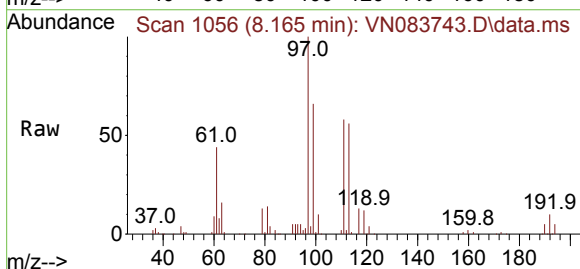
Tgt Ion: 97 Resp: 196328

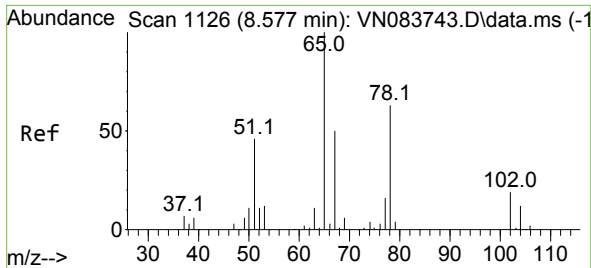
Ion Ratio Lower Upper

97 100

99 65.5 52.3 78.5

61 48.2 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 56.310 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

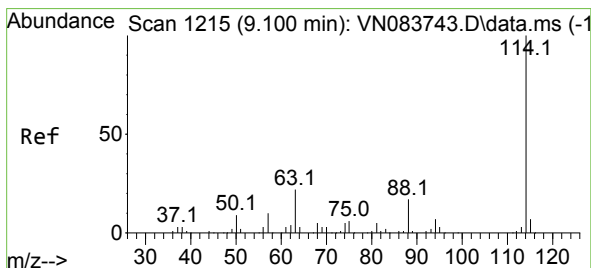
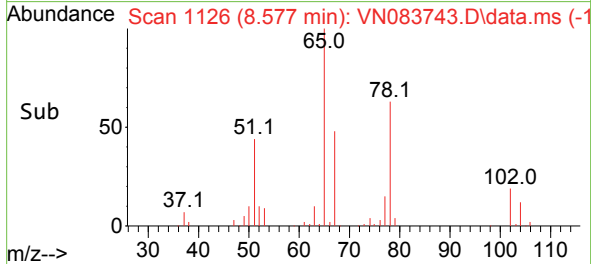
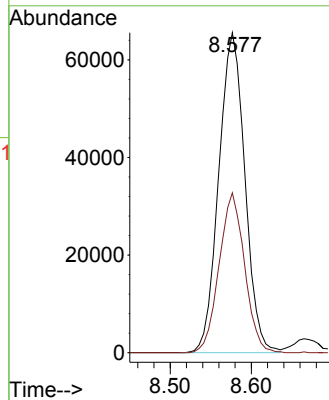
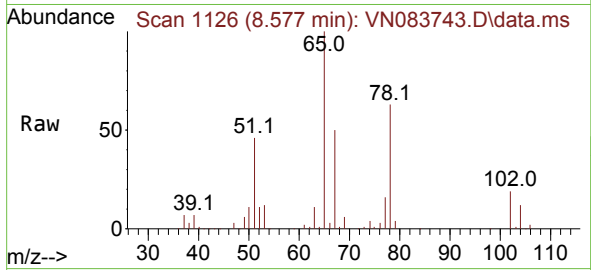
VSTDICCC050

Tgt Ion: 65 Resp: 146624

Ion Ratio Lower Upper

65 100

67 48.6 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

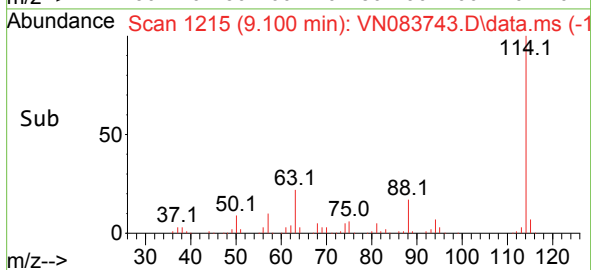
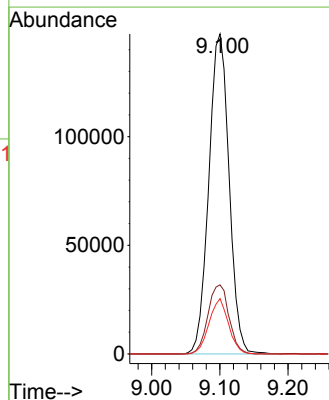
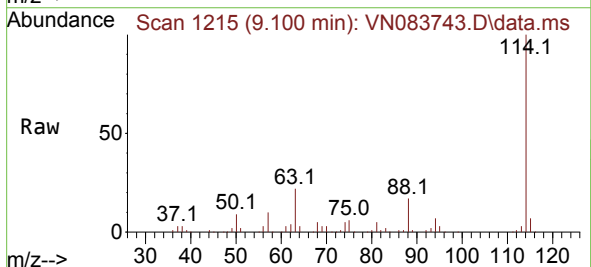
Tgt Ion: 114 Resp: 304866

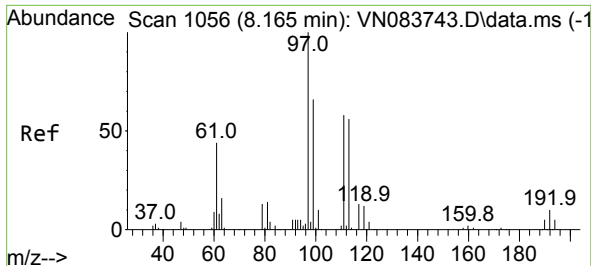
Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.4

88 17.3 0.0 32.6

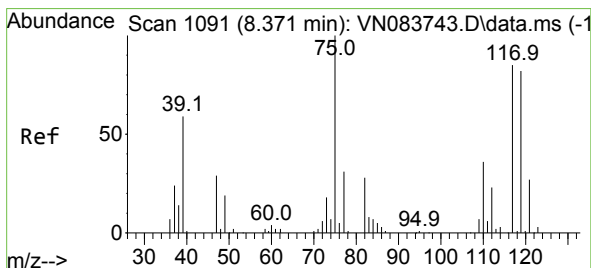
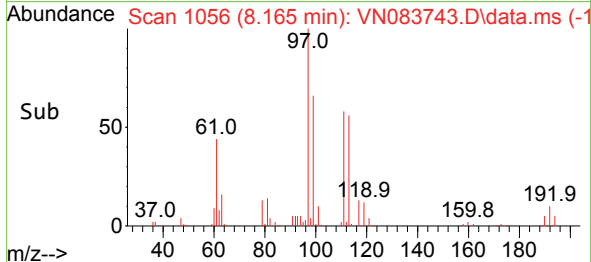
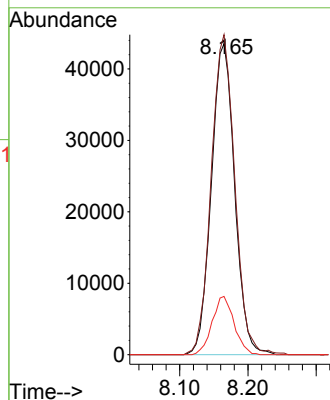
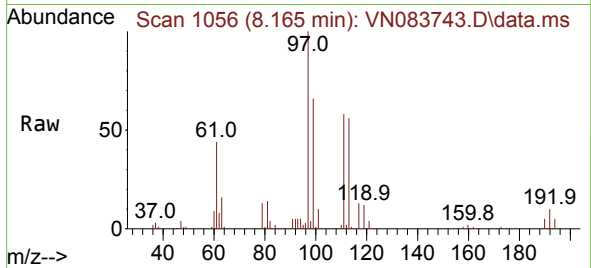




#35
Dibromofluoromethane
Concen: 53.049 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

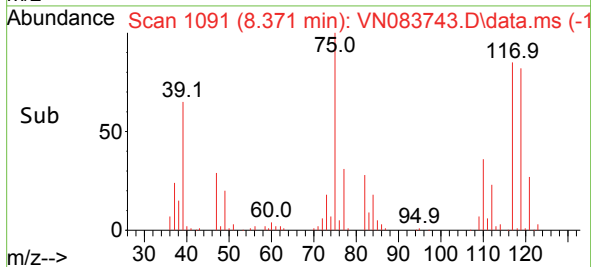
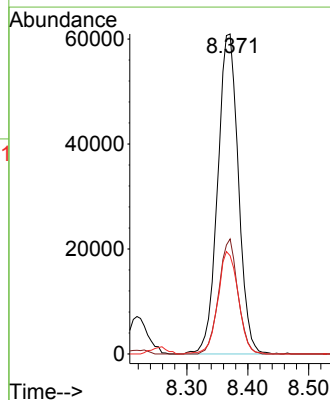
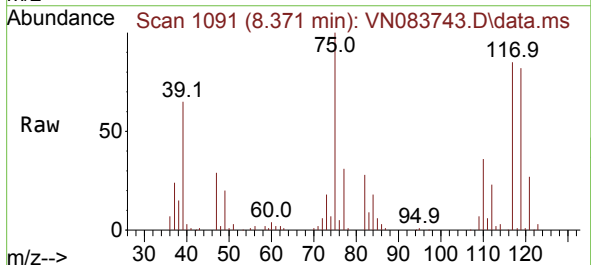
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

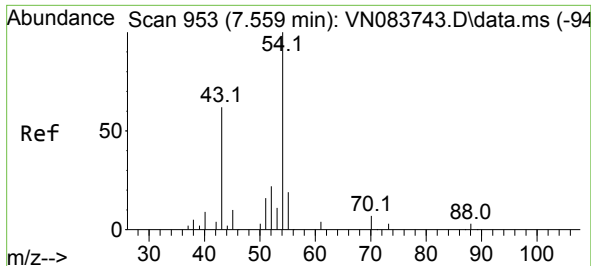
Tgt Ion:113 Resp: 103536
Ion Ratio Lower Upper
113 100
111 104.3 82.6 124.0
192 17.6 14.3 21.5



#36
1,1-Dichloropropene
Concen: 48.996 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

Tgt Ion: 75 Resp: 143931
Ion Ratio Lower Upper
75 100
110 33.2 16.7 50.1
77 31.6 25.2 37.8

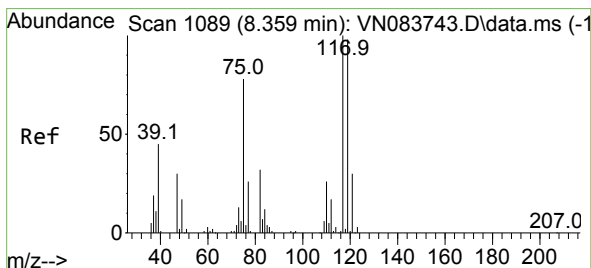
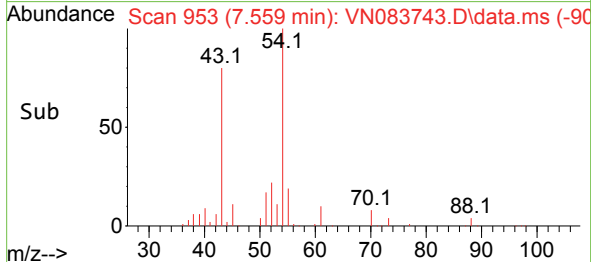
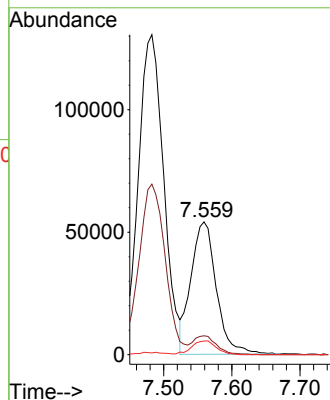
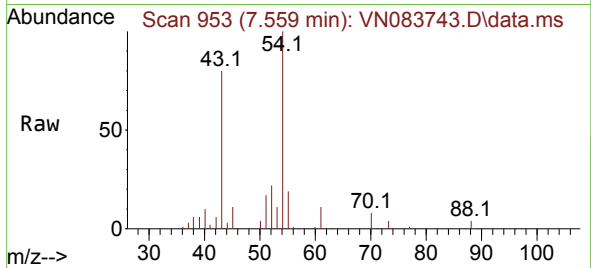




#37
Ethyl Acetate
Concen: 52.402 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

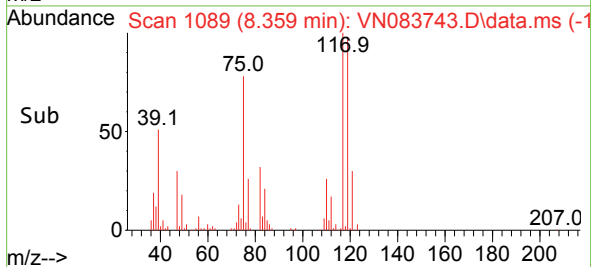
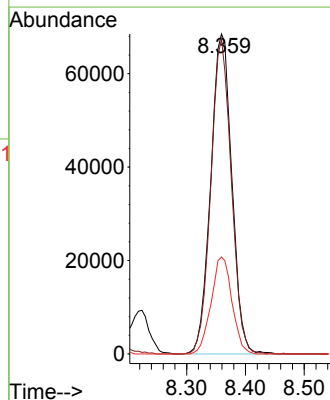
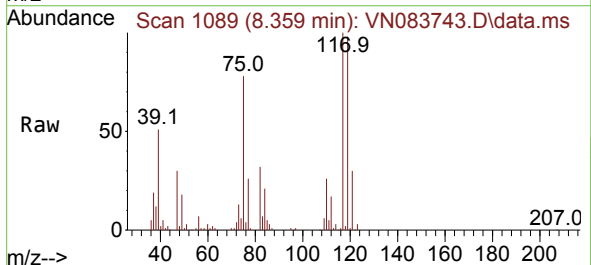
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

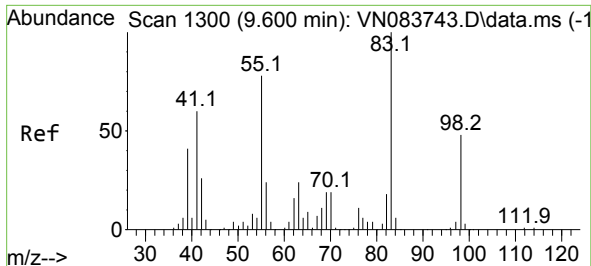
Tgt Ion: 43 Resp: 139729
Ion Ratio Lower Upper
43 100
61 13.1 11.1 16.7
70 10.1 8.8 13.2



#38
Carbon Tetrachloride
Concen: 51.362 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

Tgt Ion: 117 Resp: 171174
Ion Ratio Lower Upper
117 100
119 98.4 76.1 114.1
121 30.3 24.1 36.1





#39

Methylcyclohexane

Concen: 52.200 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

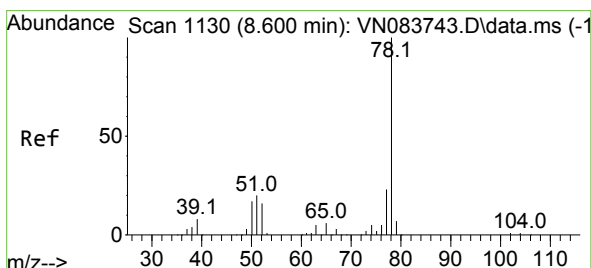
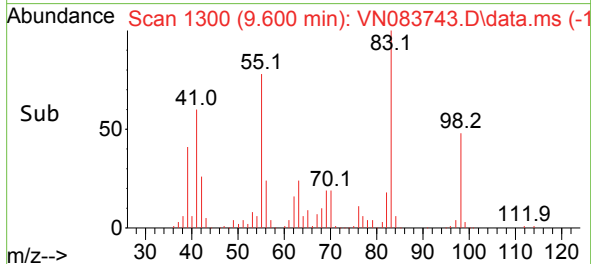
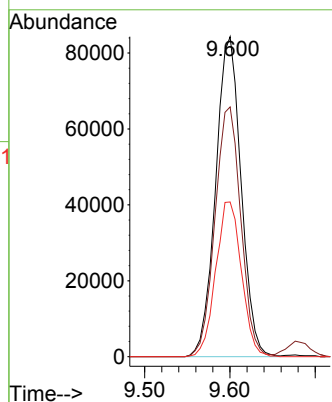
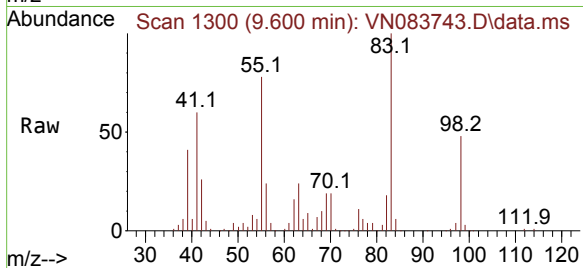
Tgt Ion: 83 Resp: 174544

Ion Ratio Lower Upper

83 100

55 78.0 62.2 93.4

98 48.4 37.6 56.4



#40

Benzene

Concen: 49.691 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN083743.D

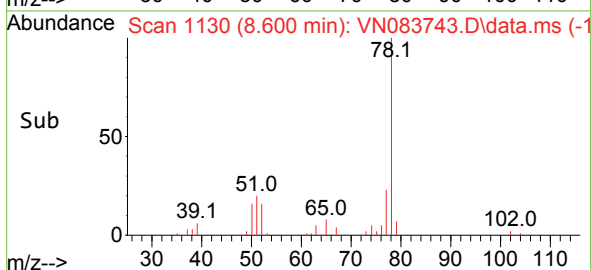
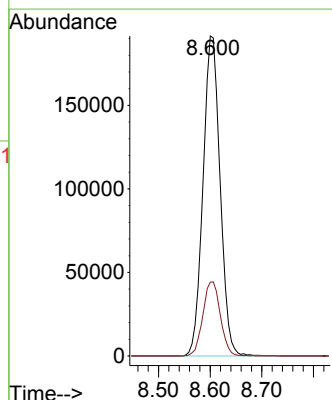
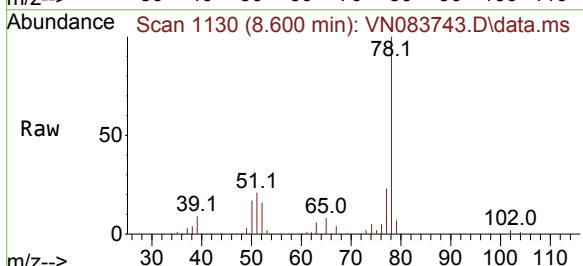
Acq: 10 Sep 2024 09:32

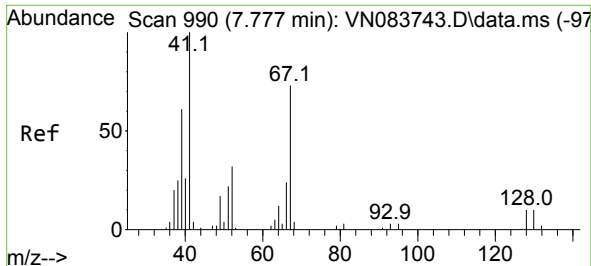
Tgt Ion: 78 Resp: 439364

Ion Ratio Lower Upper

78 100

77 23.0 19.0 28.6

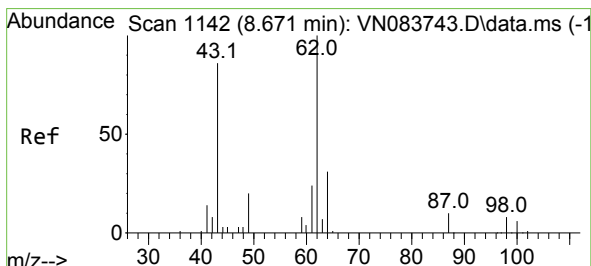
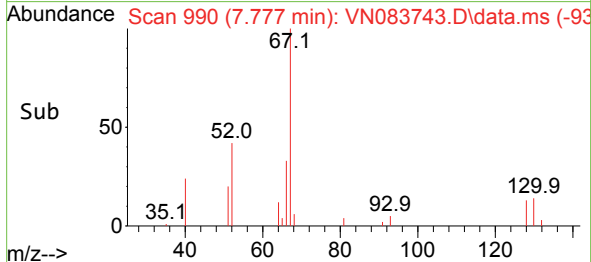
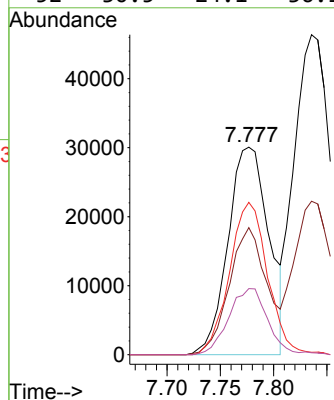
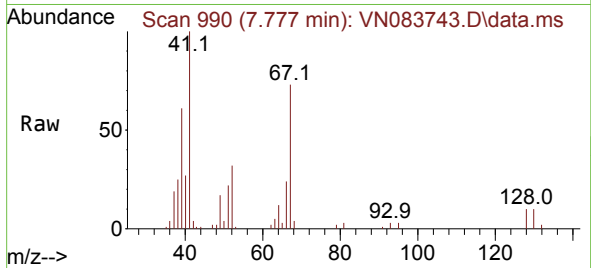




#41
Methacrylonitrile
Concen: 51.026 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

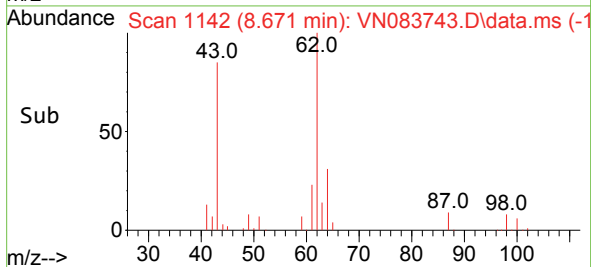
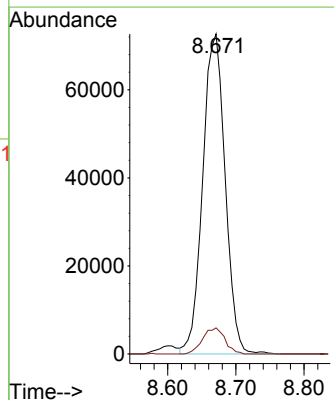
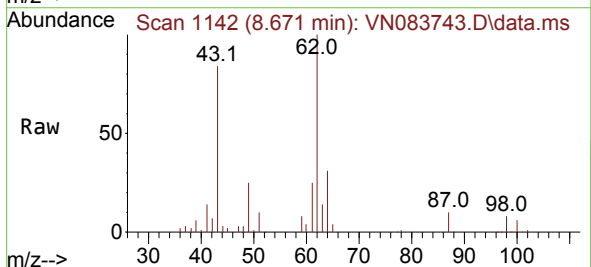
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

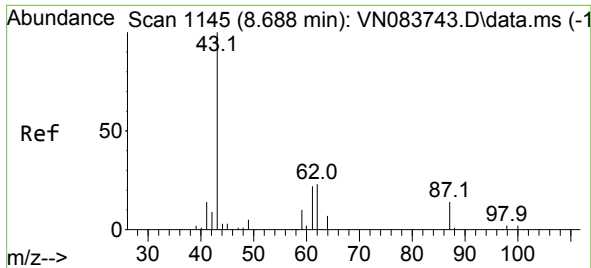
Tgt Ion:	41	Resp:	80473
Ion	Ratio	Lower	Upper
41	100		
39	56.6	45.4	68.2
67	68.5	55.9	83.9
52	30.5	24.1	36.1



#42
1,2-Dichloroethane
Concen: 50.370 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

Tgt Ion:	62	Resp:	166416
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.6

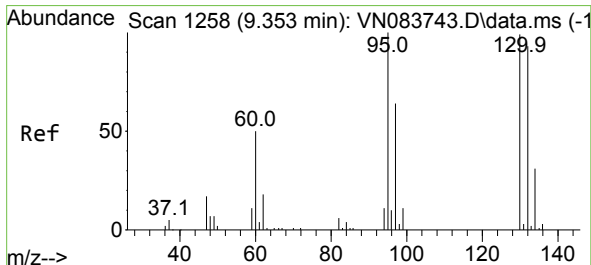
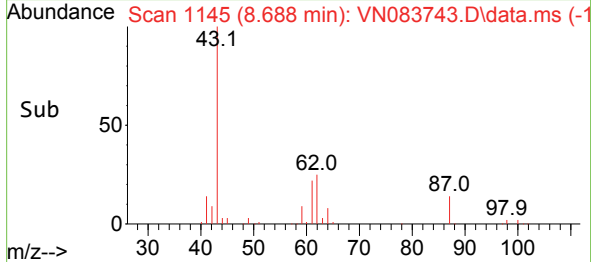
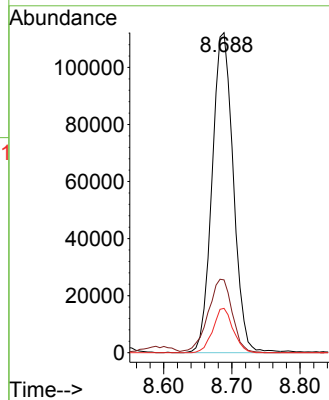
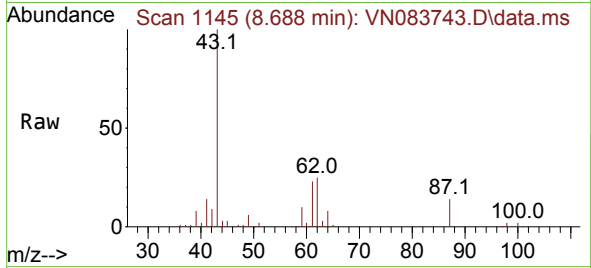




#43
Isopropyl Acetate
Concen: 50.218 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

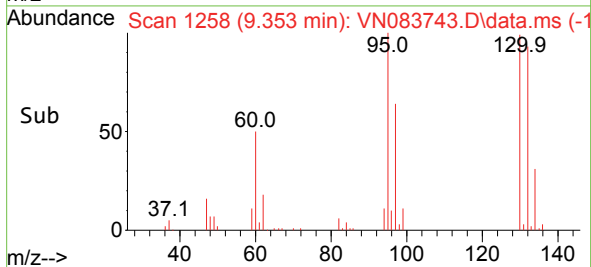
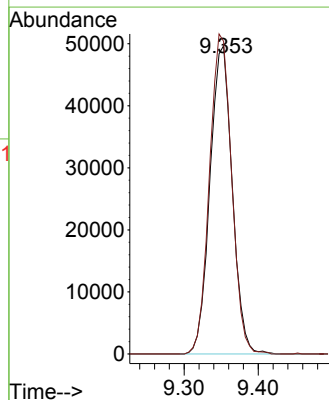
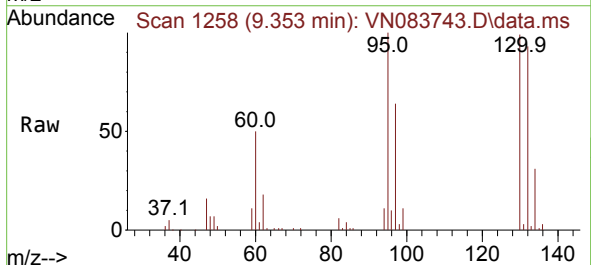
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

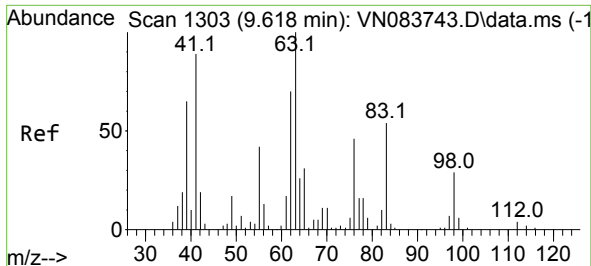
Tgt Ion: 43 Resp: 242653
Ion Ratio Lower Upper
43 100
61 26.2 19.4 29.0
87 13.2 9.8 14.6



#44
Trichloroethene
Concen: 50.604 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

Tgt Ion:130 Resp: 103614
Ion Ratio Lower Upper
130 100
95 101.5 0.0 200.4





#45

1,2-Dichloropropane

Concen: 49.798 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

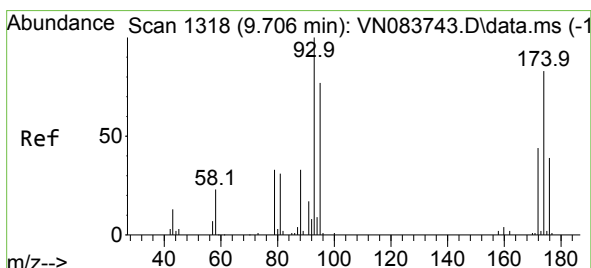
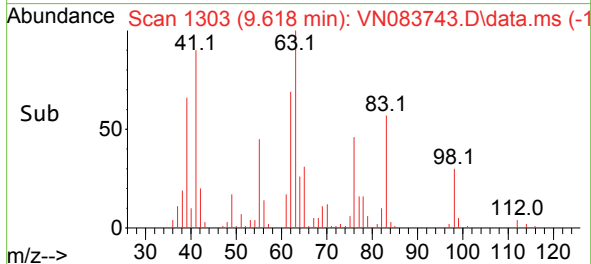
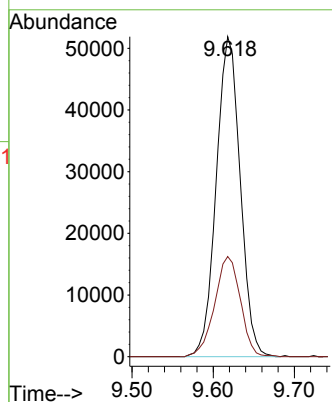
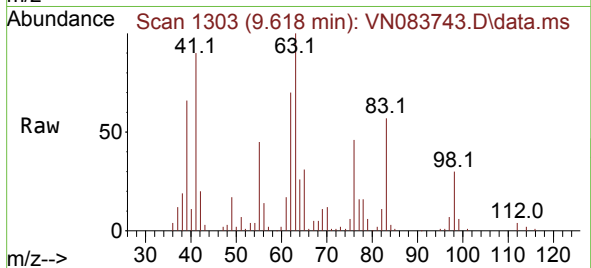
VSTDICCC050

Tgt Ion: 63 Resp: 106419

Ion Ratio Lower Upper

63 100

65 31.3 25.9 38.9



#46

Dibromomethane

Concen: 51.768 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

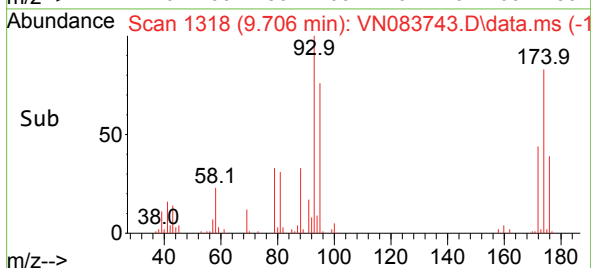
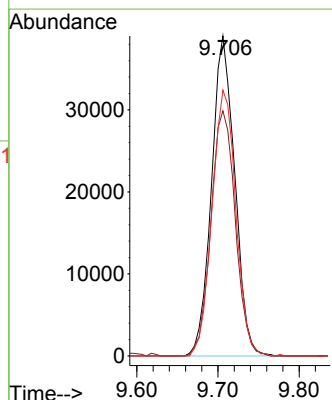
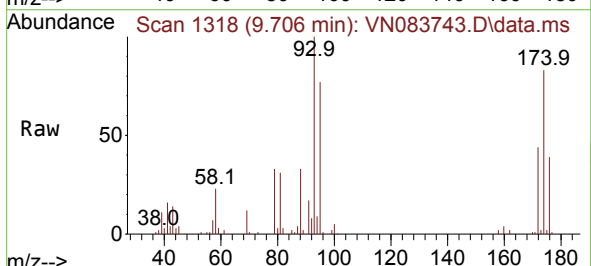
Tgt Ion: 93 Resp: 77488

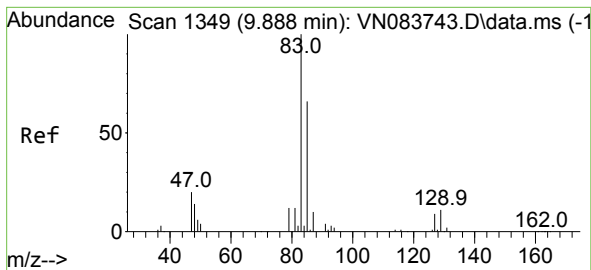
Ion Ratio Lower Upper

93 100

95 80.6 65.3 97.9

174 85.3 71.0 106.4





#47

Bromodichloromethane

Concen: 51.674 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

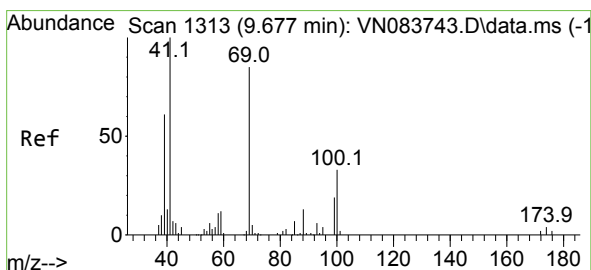
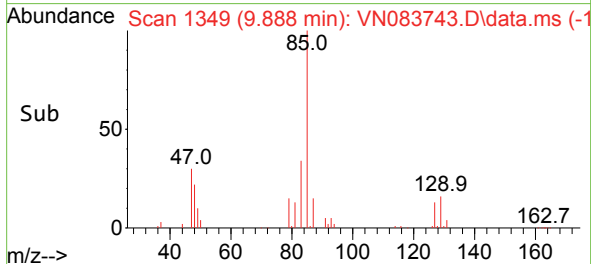
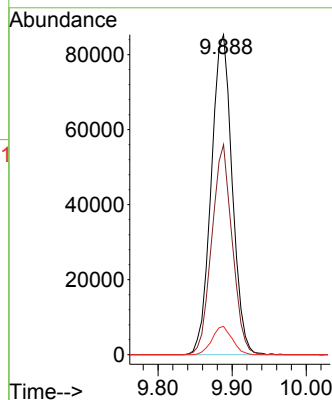
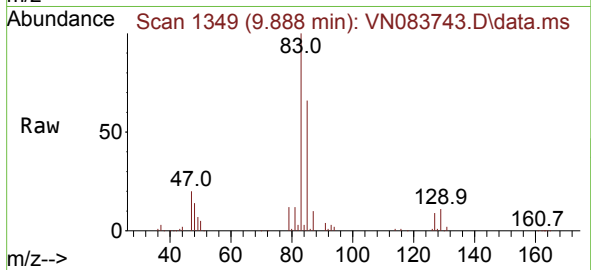
Tgt Ion: 83 Resp: 167396

Ion Ratio Lower Upper

83 100

85 65.7 51.8 77.8

127 8.9 6.6 9.8



#48

Methyl methacrylate

Concen: 50.305 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

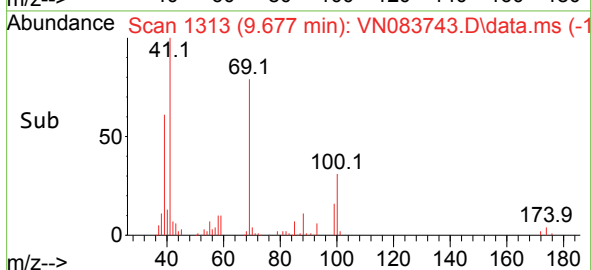
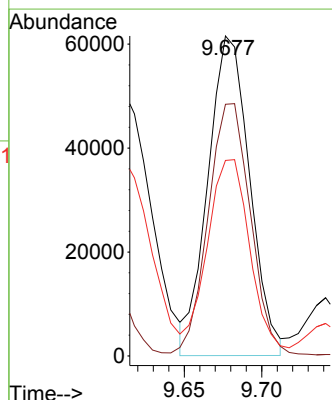
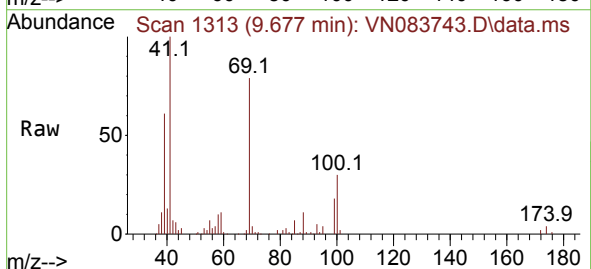
Tgt Ion: 41 Resp: 115324

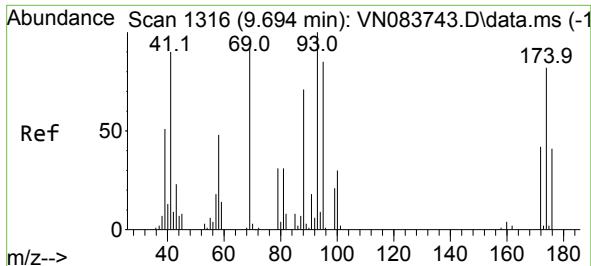
Ion Ratio Lower Upper

41 100

69 80.6 64.3 96.5

39 63.7 48.9 73.3





#49

1,4-Dioxane

Concen: 971.017 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

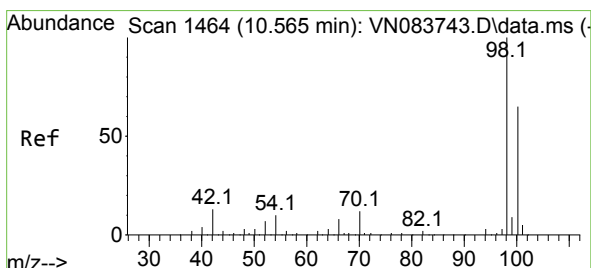
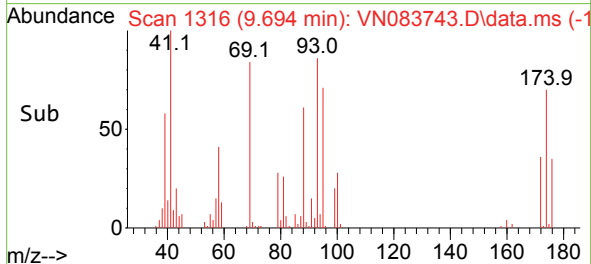
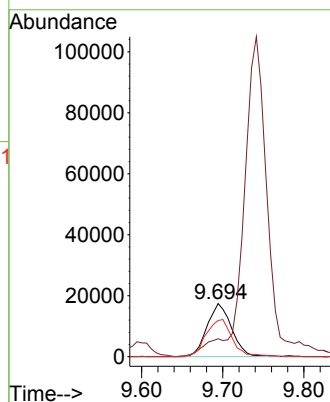
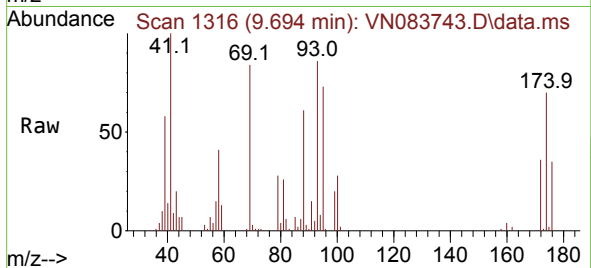
Tgt Ion: 88 Resp: 36620

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 74.9 57.1 85.7



#50

Toluene-d8

Concen: 57.446 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN083743.D

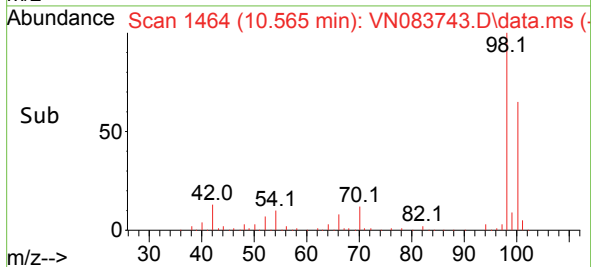
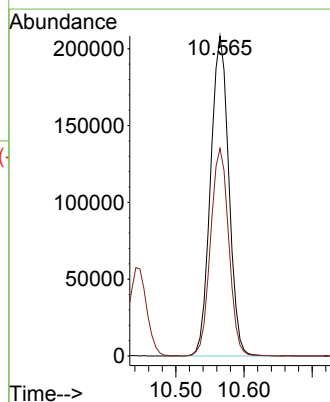
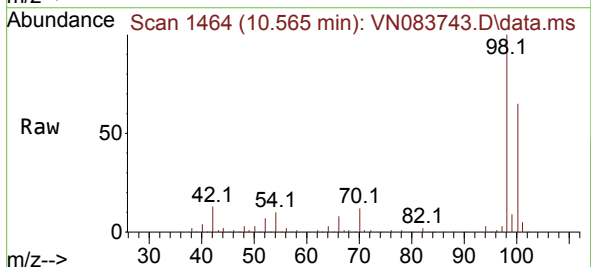
Acq: 10 Sep 2024 09:32

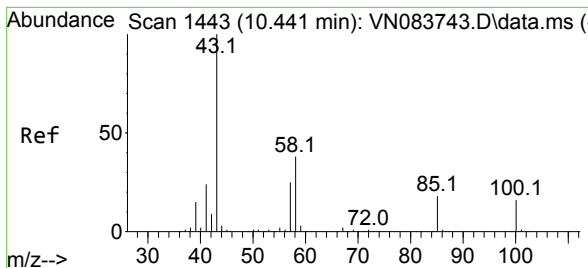
Tgt Ion: 98 Resp: 387600

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0

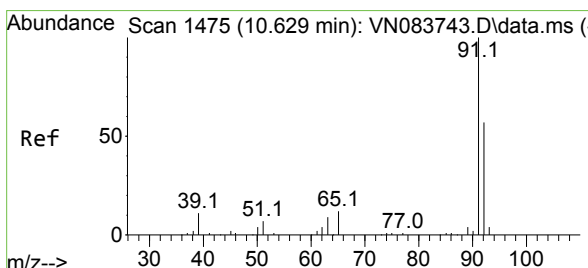
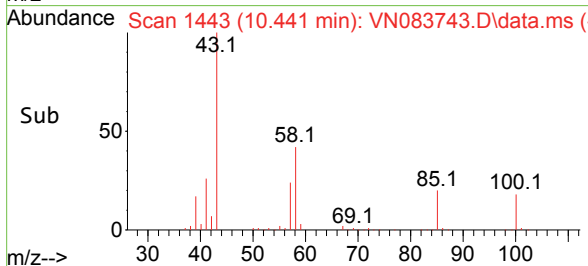
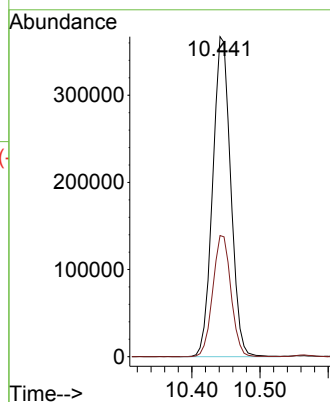
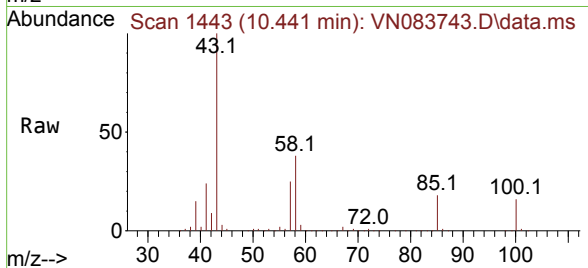




#51
4-Methyl-2-Pentanone
Concen: 256.804 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

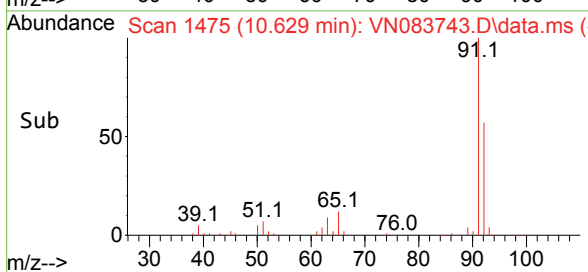
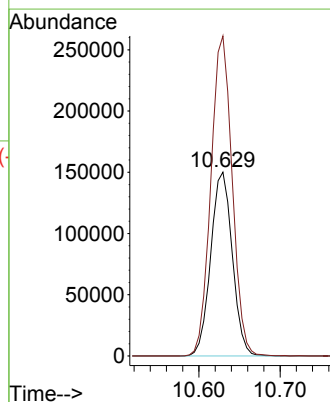
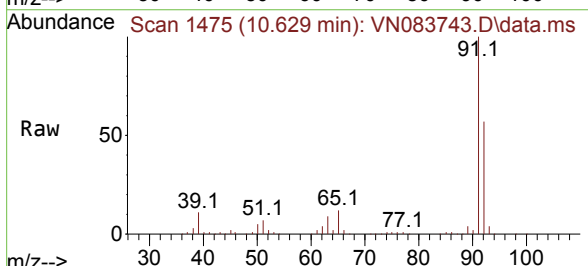
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

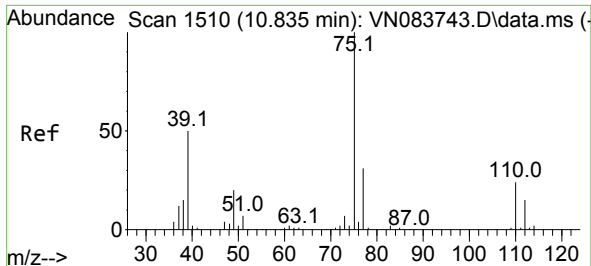
Tgt Ion: 43 Resp: 675474
Ion Ratio Lower Upper
43 100
58 38.2 31.6 47.4



#52
Toluene
Concen: 51.189 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

Tgt Ion: 92 Resp: 276845
Ion Ratio Lower Upper
92 100
91 172.3 134.7 202.1

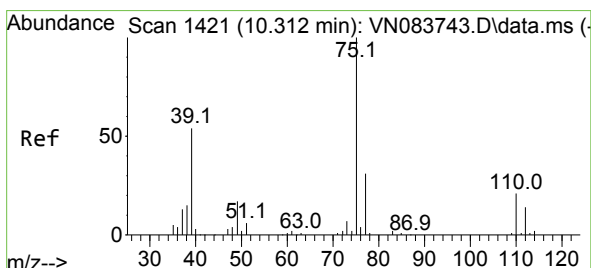
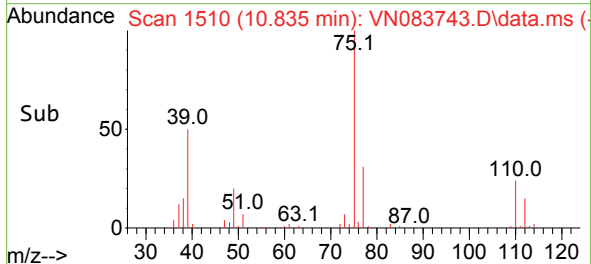
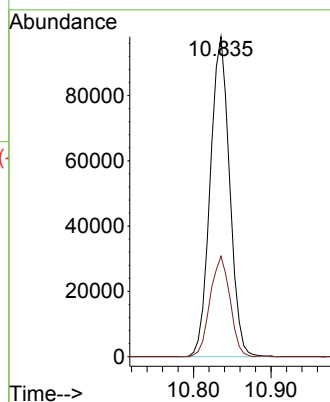
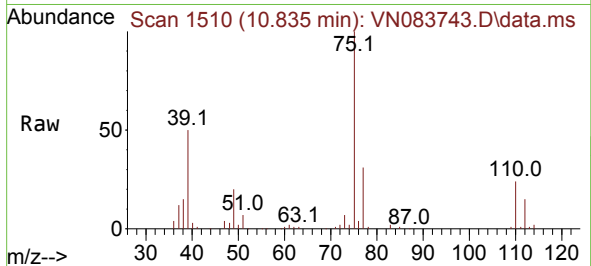




#53
 t-1,3-Dichloropropene
 Concen: 51.855 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN083743.D
 Acq: 10 Sep 2024 09:32

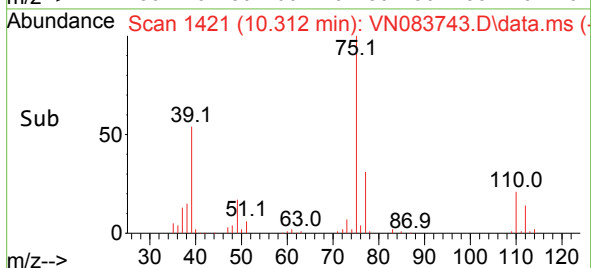
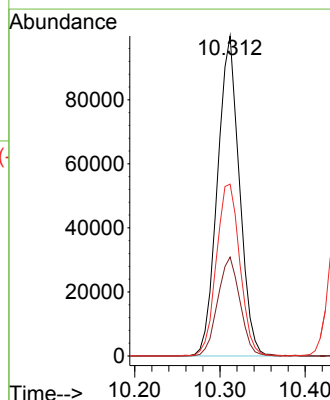
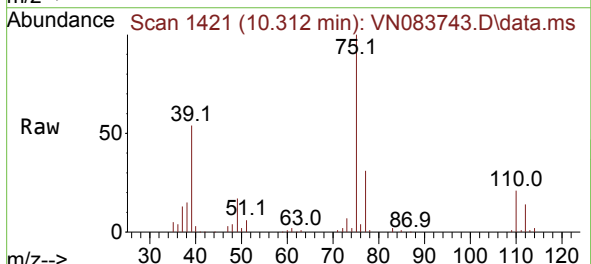
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

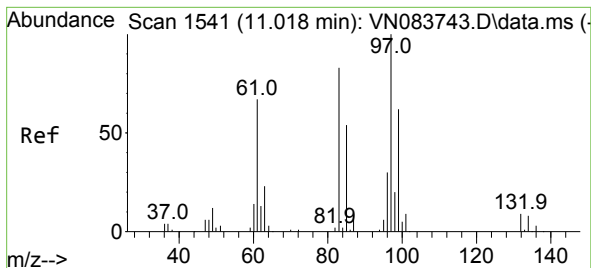
Tgt Ion: 75 Resp: 170271
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 51.823 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN083743.D
 Acq: 10 Sep 2024 09:32

Tgt Ion: 75 Resp: 178747
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.0 37.6
 39 53.7 42.6 64.0





#55

1,1,2-Trichloroethane

Concen: 49.547 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 100040

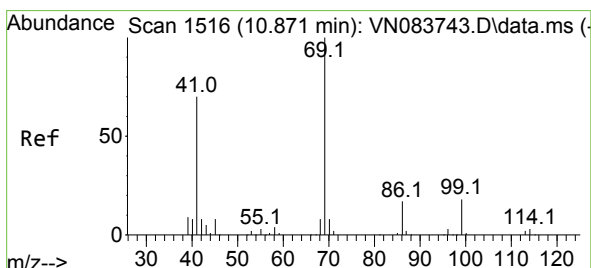
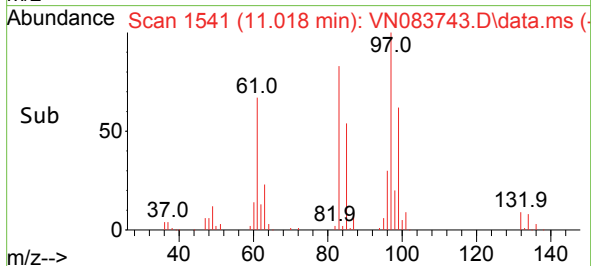
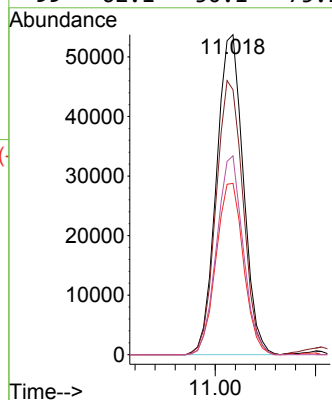
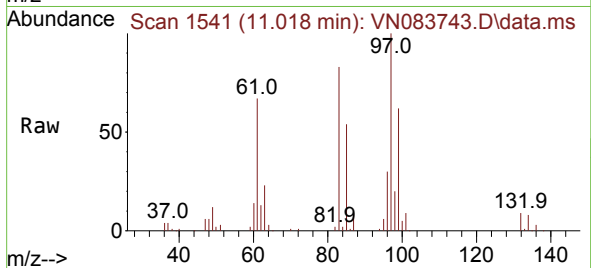
Ion Ratio Lower Upper

97 100

83 82.8 67.5 101.3

85 53.5 44.2 66.2

99 62.1 50.1 75.1



#56

Ethyl methacrylate

Concen: 54.624 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

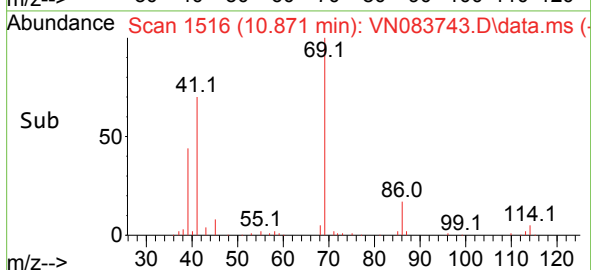
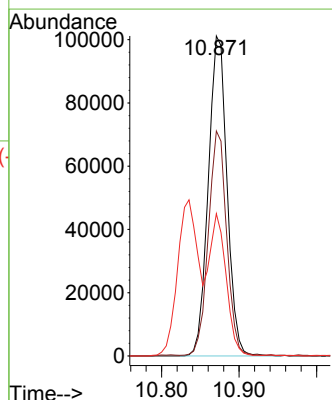
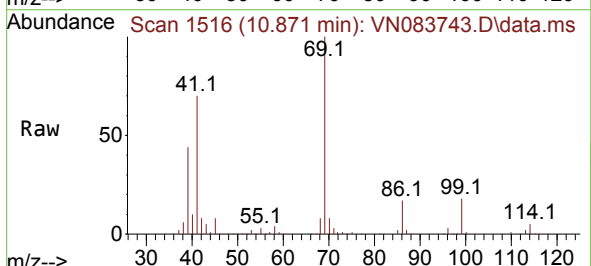
Tgt Ion: 69 Resp: 169686

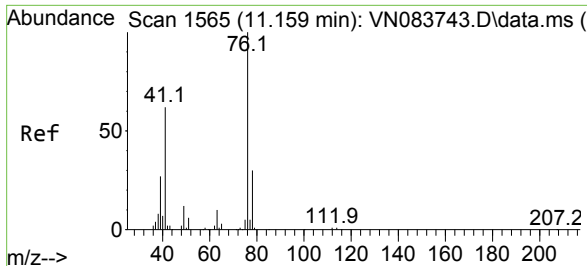
Ion Ratio Lower Upper

69 100

41 68.2 53.9 80.9

39 40.8 32.6 48.8

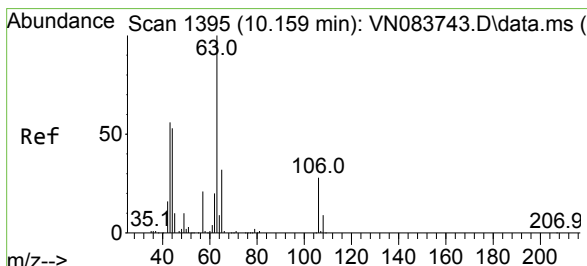
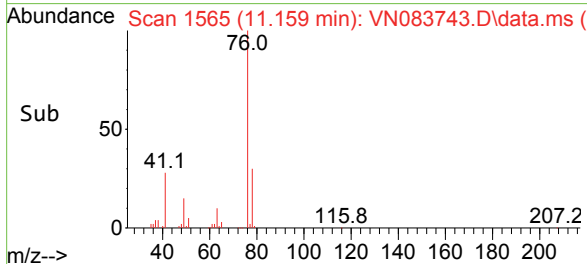
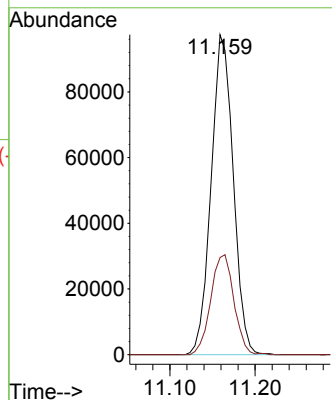
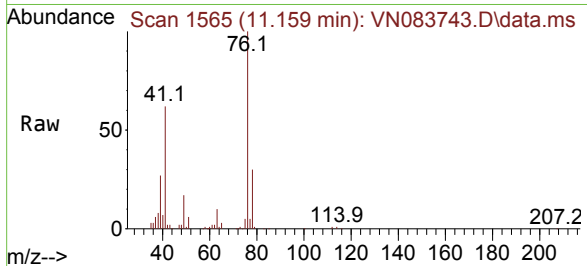




#57
1,3-Dichloropropane
Concen: 50.562 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

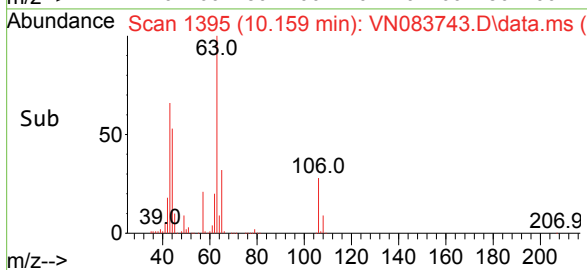
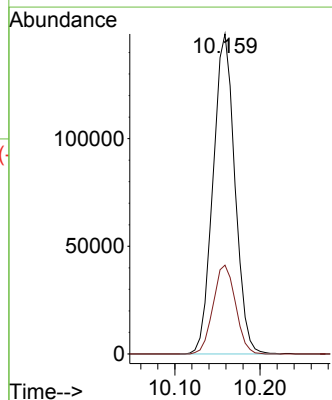
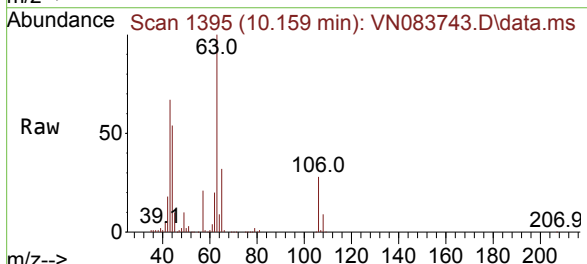
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

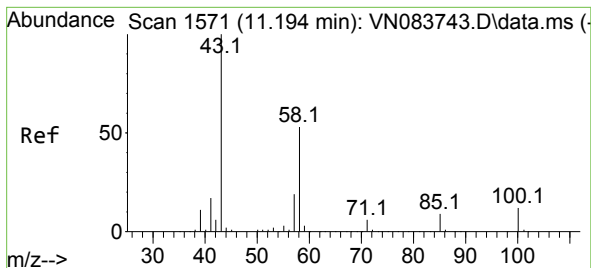
Tgt Ion: 76 Resp: 175459
Ion Ratio Lower Upper
76 100
78 32.7 25.8 38.6



#58
2-Chloroethyl Vinyl ether
Concen: 235.930 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

Tgt Ion: 63 Resp: 264081
Ion Ratio Lower Upper
63 100
106 28.5 23.3 34.9





#59

2-Hexanone

Concen: 257.751 ug/l

RT: 11.194 min Scan# 1571

Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

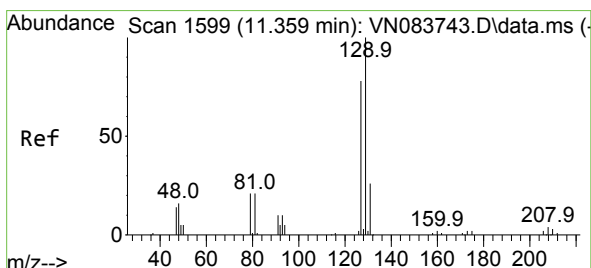
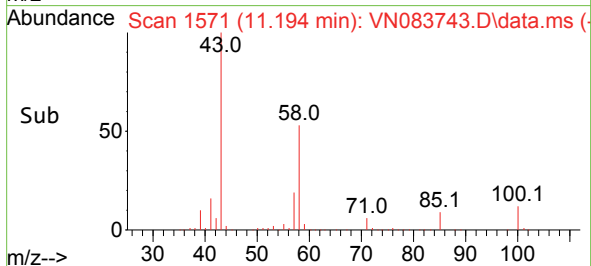
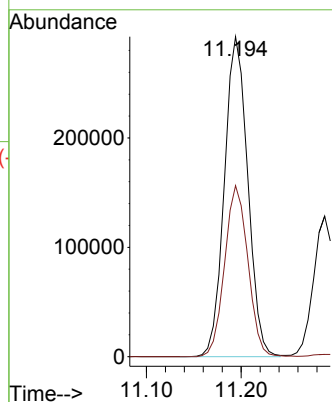
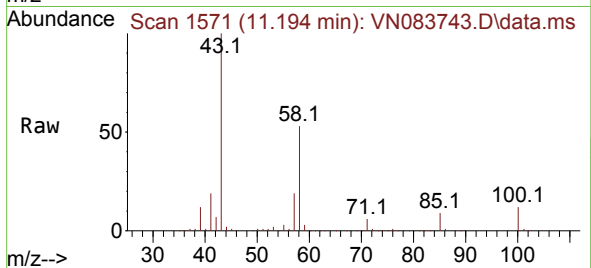
VSTDICCC050

Tgt Ion: 43 Resp: 501507

Ion Ratio Lower Upper

43 100

58 53.2 27.2 81.5



#60

Dibromochloromethane

Concen: 52.899 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. 0.000 min

Lab File: VN083743.D

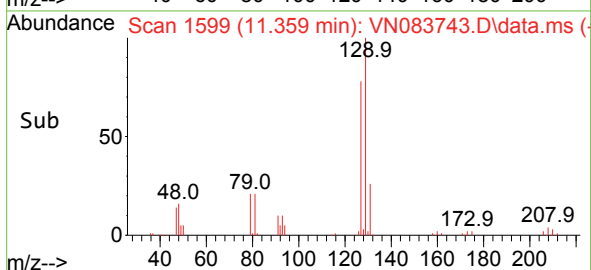
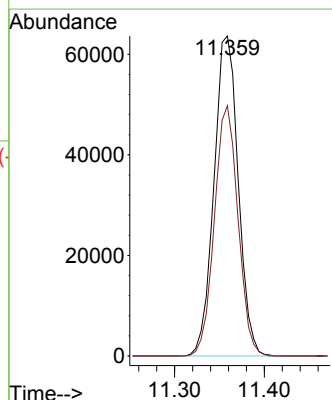
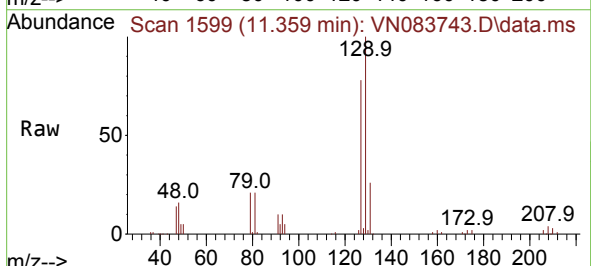
Acq: 10 Sep 2024 09:32

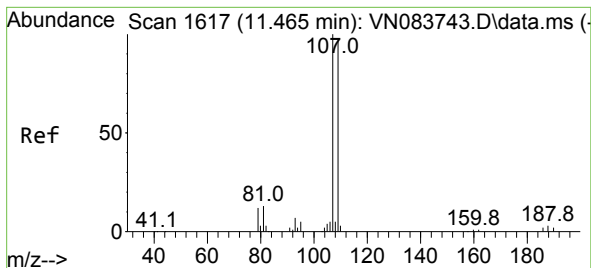
Tgt Ion:129 Resp: 119533

Ion Ratio Lower Upper

129 100

127 0.0 39.0 116.9#





#61

1,2-Dibromoethane

Concen: 50.281 ug/l

RT: 11.465 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

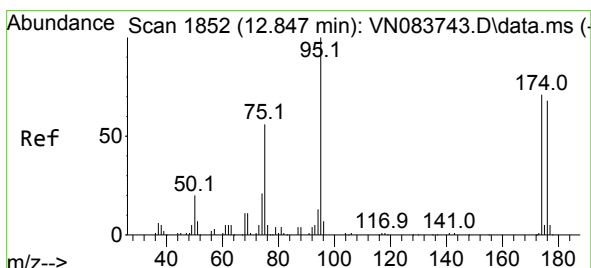
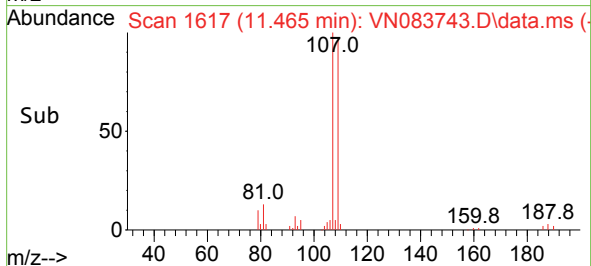
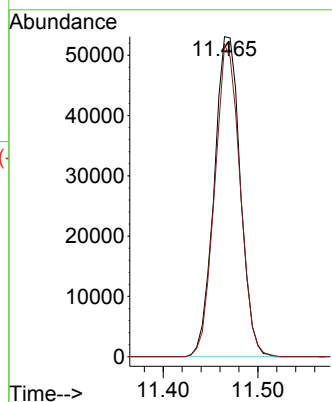
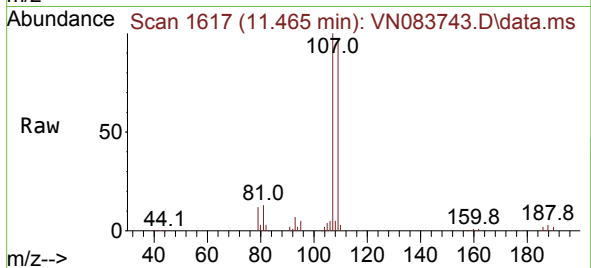
VSTDICCC050

Tgt Ion:107 Resp: 101248

Ion Ratio Lower Upper

107 100

109 94.7 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 53.401 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

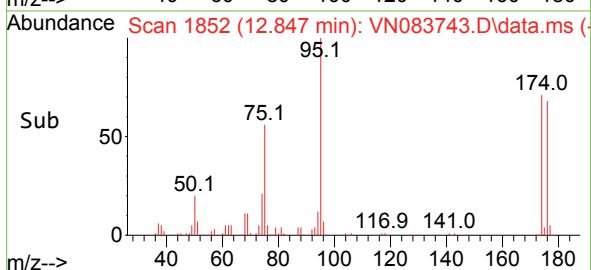
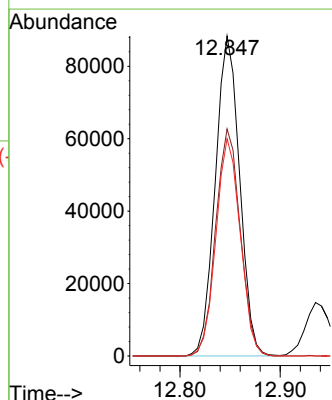
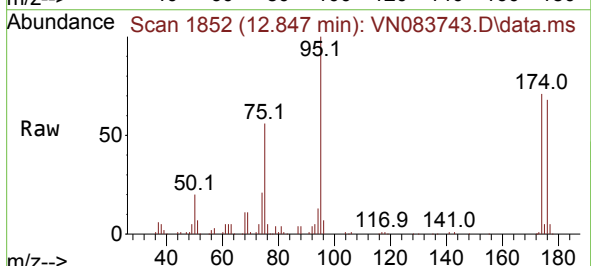
Tgt Ion: 95 Resp: 148654

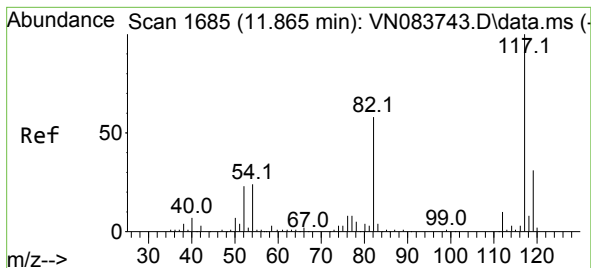
Ion Ratio Lower Upper

95 100

174 71.6 0.0 139.8

176 67.9 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

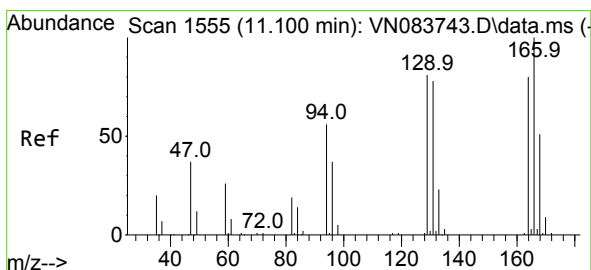
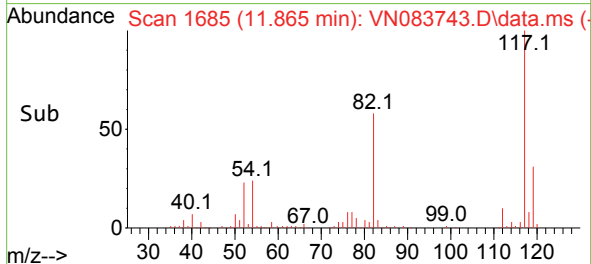
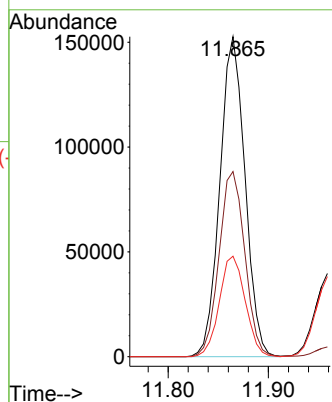
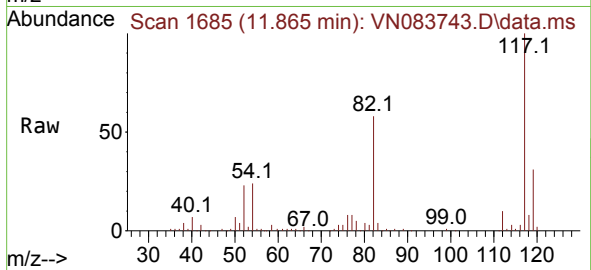
Tgt Ion:117 Resp: 265988

Ion Ratio Lower Upper

117 100

82 57.9 47.4 71.0

119 31.4 26.3 39.5



#64

Tetrachloroethene

Concen: 48.327 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

Tgt Ion:164 Resp: 85484

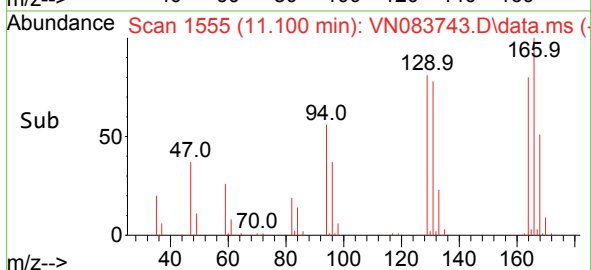
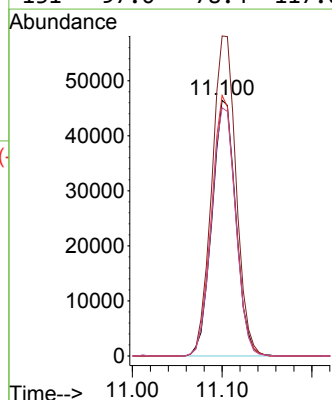
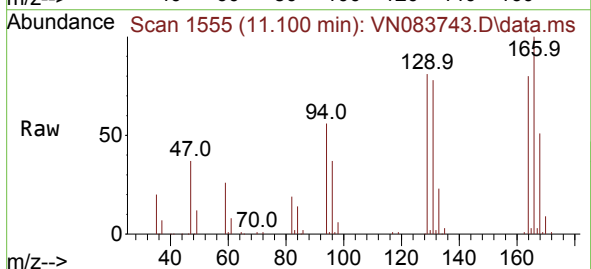
Ion Ratio Lower Upper

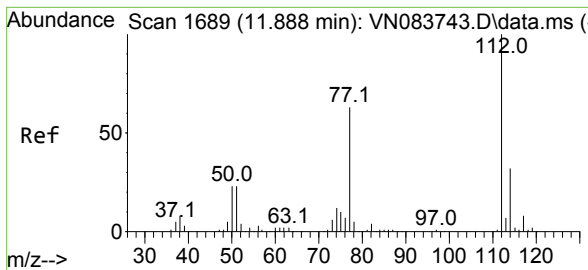
164 100

166 125.1 103.7 155.5

129 101.8 79.9 119.9

131 97.0 78.4 117.6

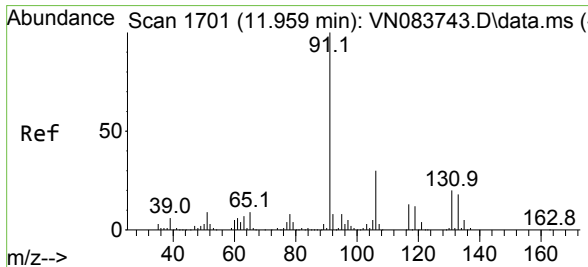
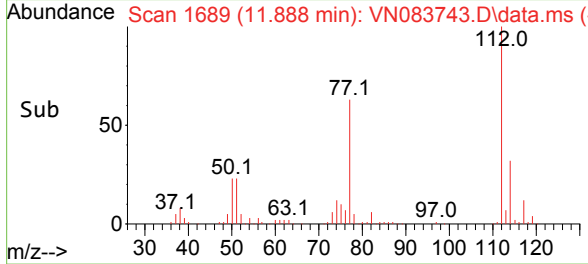
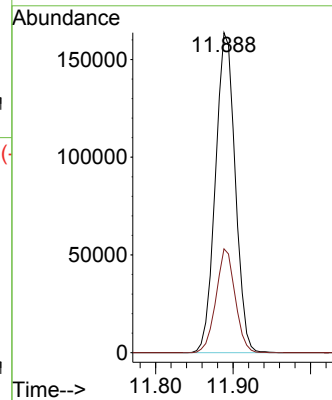
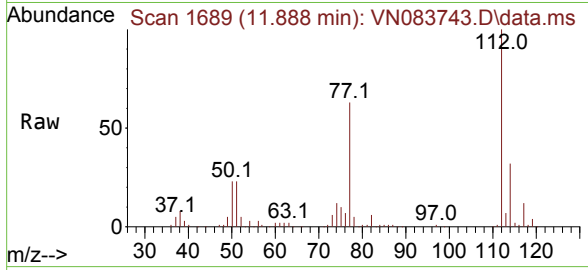




#65
Chlorobenzene
Concen: 49.084 ug/l
RT: 11.888 min Scan# 112
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

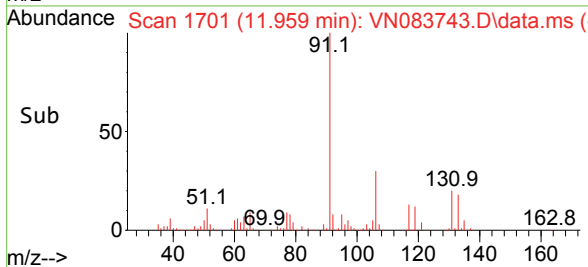
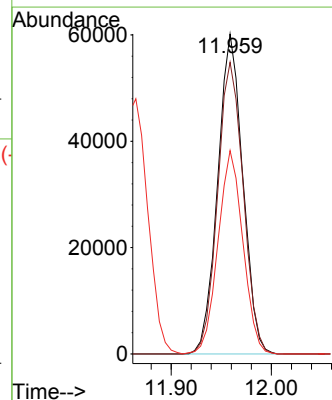
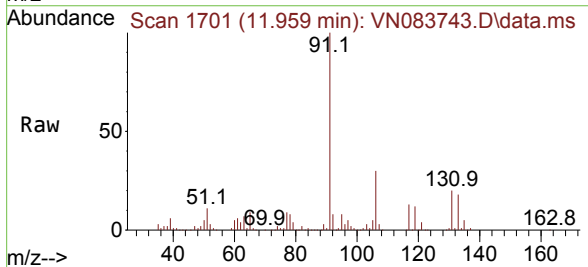
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

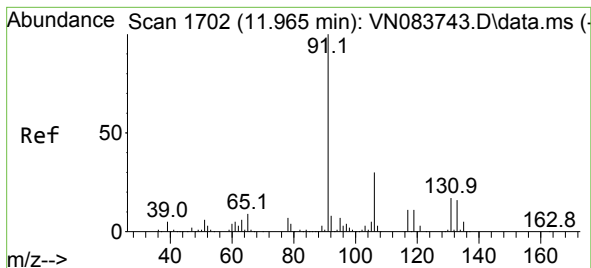
Tgt Ion:112 Resp: 290168
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 51.096 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

Tgt Ion:131 Resp: 104718
Ion Ratio Lower Upper
131 100
133 93.2 47.5 142.6
119 63.0 31.6 94.8





#67

Ethyl Benzene

Concen: 51.395 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

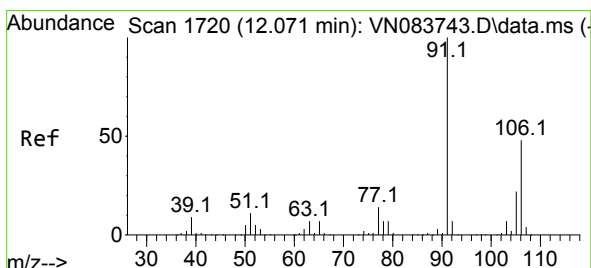
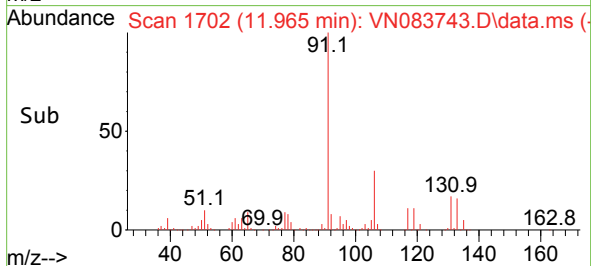
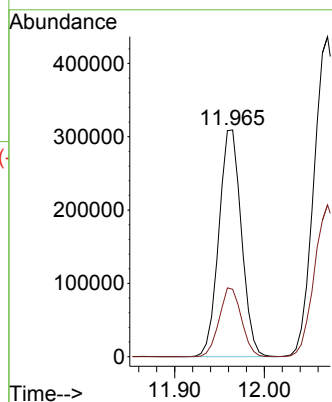
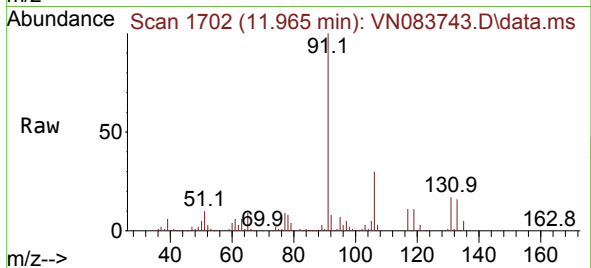
VSTDICCC050

Tgt Ion: 91 Resp: 539737

Ion Ratio Lower Upper

91 100

106 29.7 24.3 36.5



#68

m/p-Xylenes

Concen: 102.926 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. 0.000 min

Lab File: VN083743.D

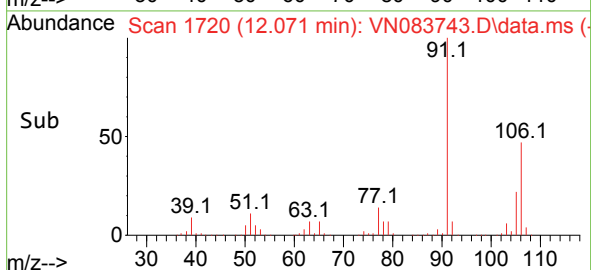
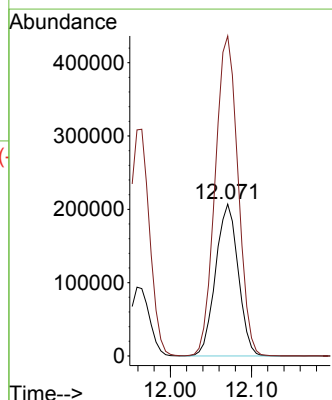
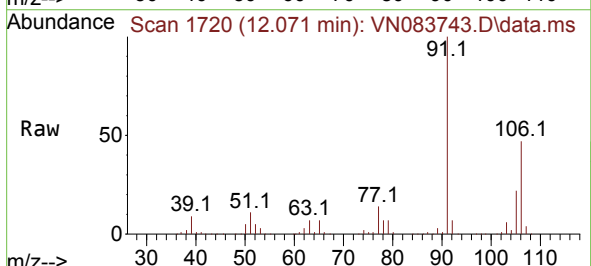
Acq: 10 Sep 2024 09:32

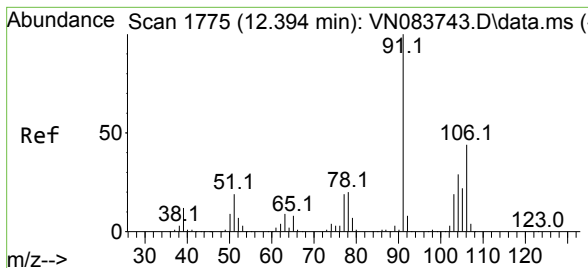
Tgt Ion:106 Resp: 401299

Ion Ratio Lower Upper

106 100

91 212.7 169.2 253.8





#69

o-Xylene

Concen: 52.119 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

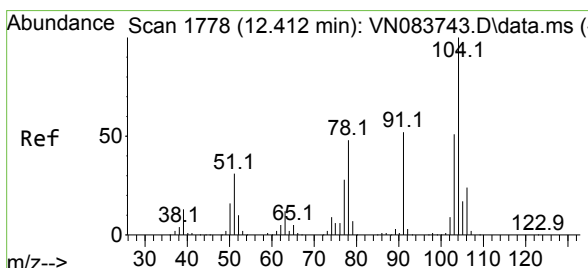
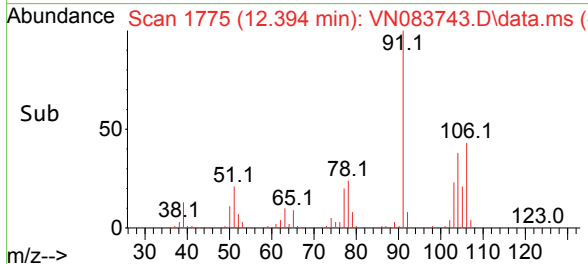
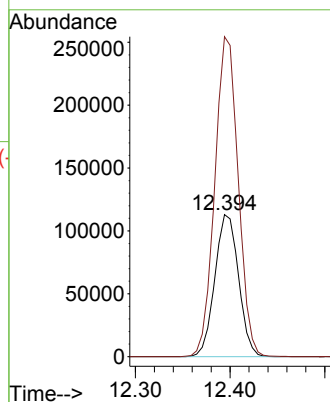
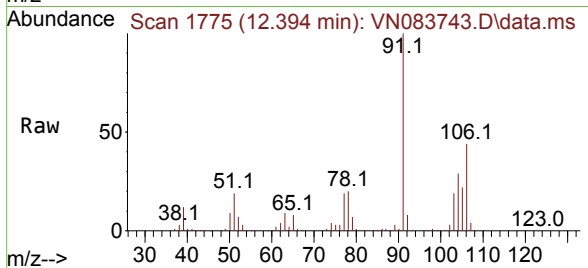
VSTDICCC050

Tgt Ion:106 Resp: 196721

Ion Ratio Lower Upper

106 100

91 222.4 112.9 338.6



#70

Styrene

Concen: 53.417 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

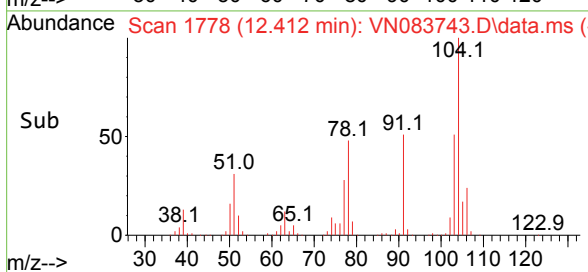
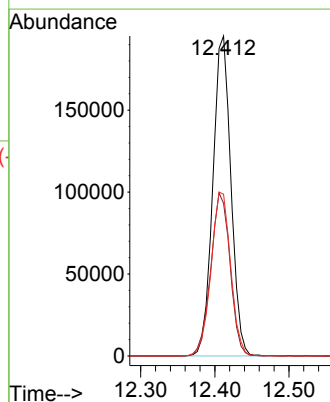
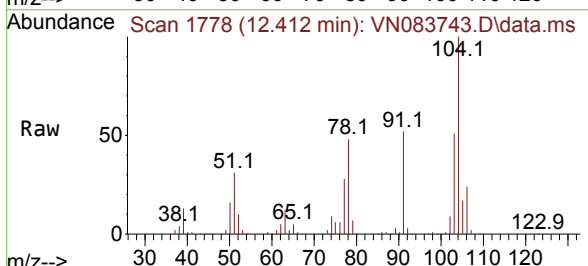
Tgt Ion:104 Resp: 330888

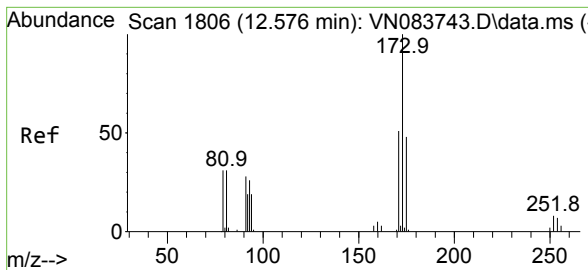
Ion Ratio Lower Upper

104 100

78 54.3 43.3 64.9

103 55.5 43.4 65.2





#71

Bromoform

Concen: 53.596 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

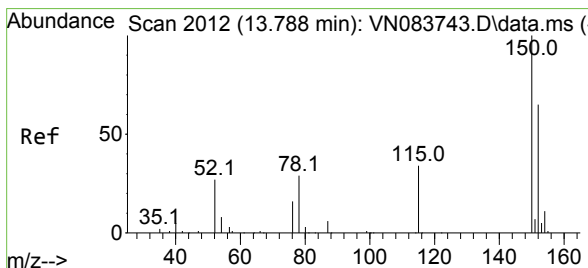
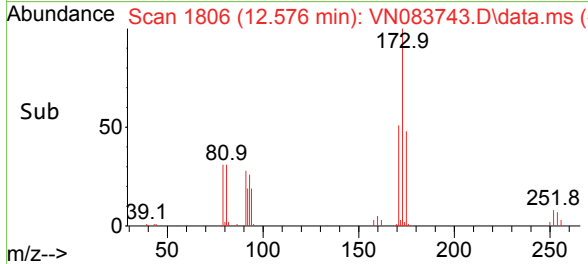
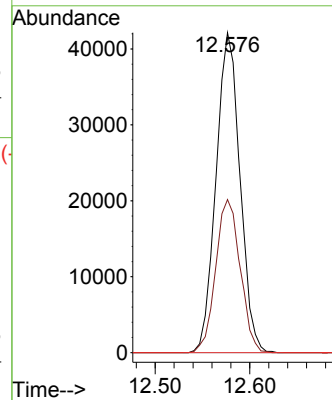
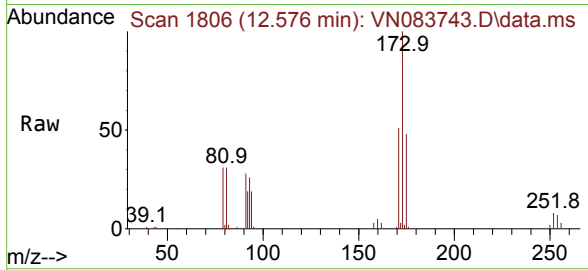
Tgt Ion:173 Resp: 74017

Ion Ratio Lower Upper

173 100

175 49.0 24.1 72.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

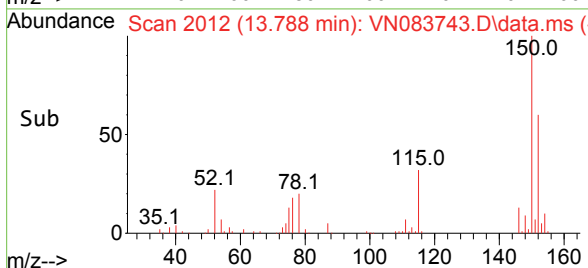
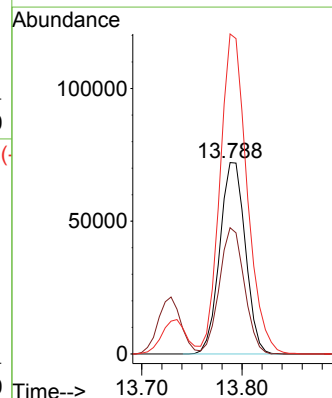
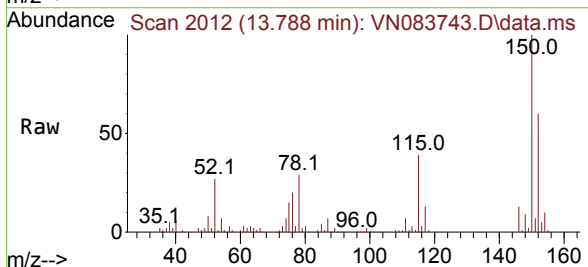
Tgt Ion:152 Resp: 127433

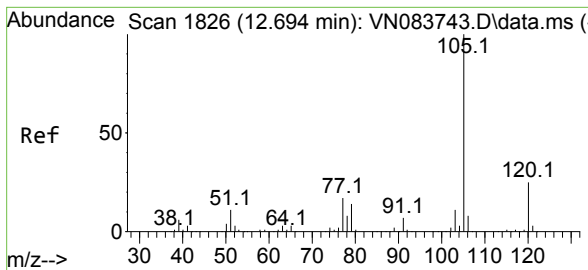
Ion Ratio Lower Upper

152 100

115 64.2 32.2 96.6

150 176.6 0.0 348.6





#73

Isopropylbenzene

Concen: 52.691 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

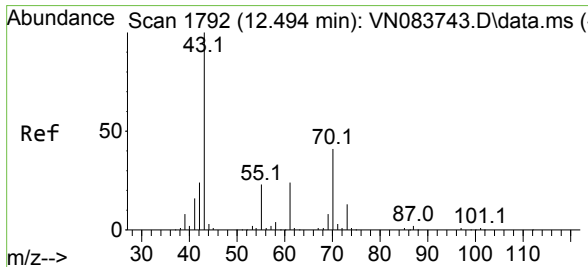
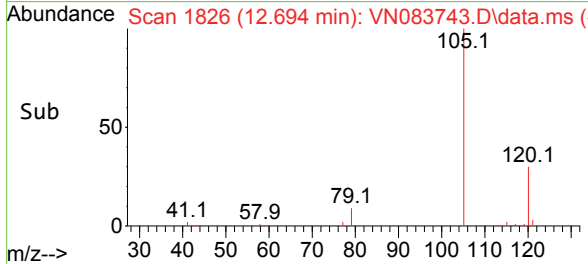
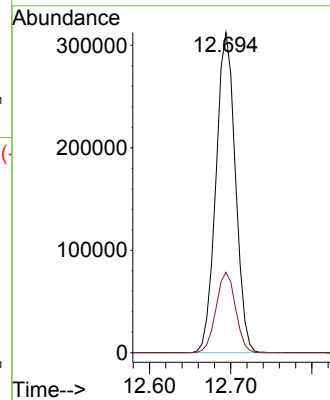
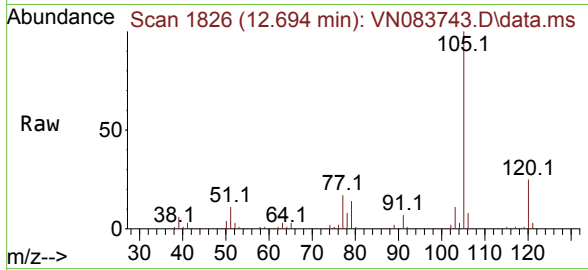
VSTDICCC050

Tgt Ion:105 Resp: 519478

Ion Ratio Lower Upper

105 100

120 25.2 12.6 37.8



#74

N-ethyl acetate

Concen: 52.682 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

Tgt Ion: 43 Resp: 221603

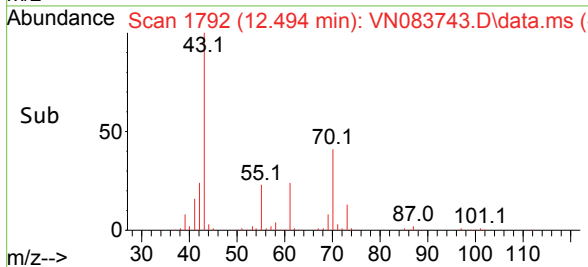
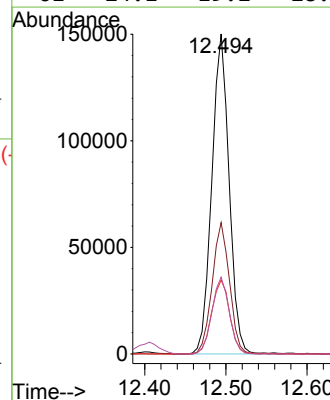
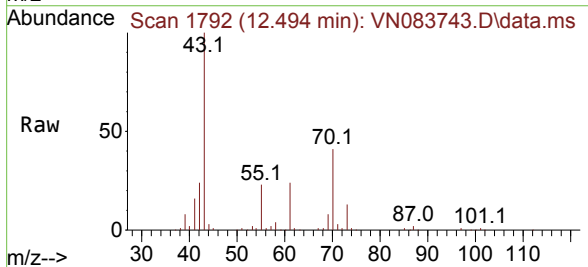
Ion Ratio Lower Upper

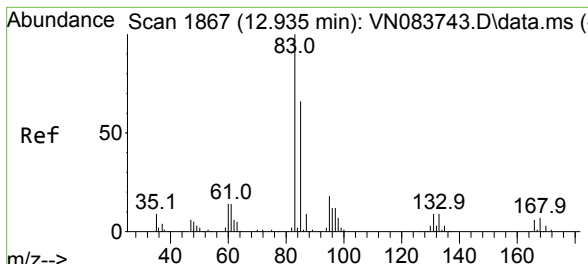
43 100

70 41.2 34.5 51.7

55 24.0 18.6 28.0

61 24.1 19.2 28.8

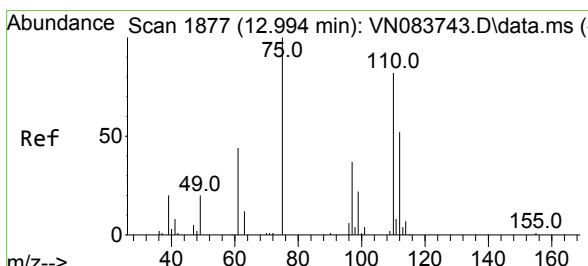
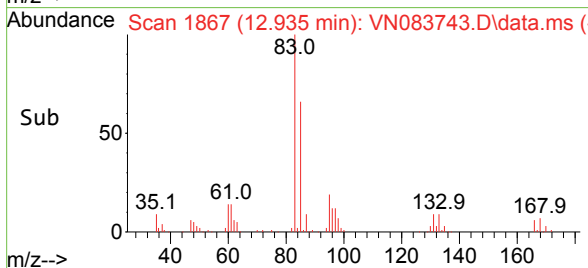
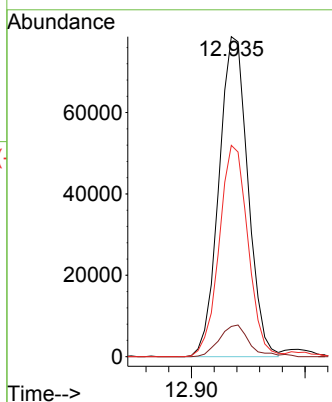
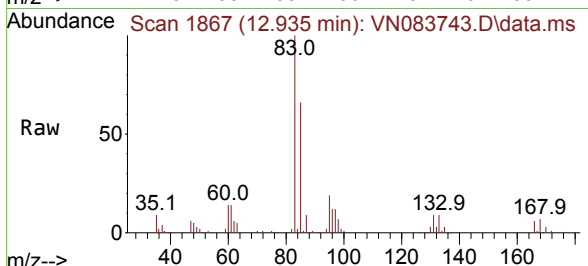




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.166 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN083743.D
 Acq: 10 Sep 2024 09:32

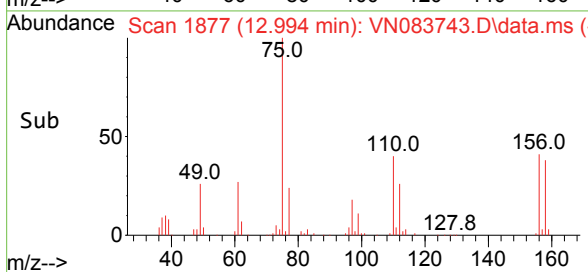
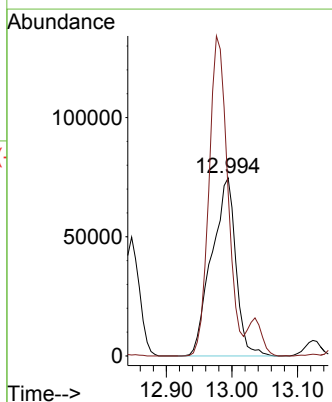
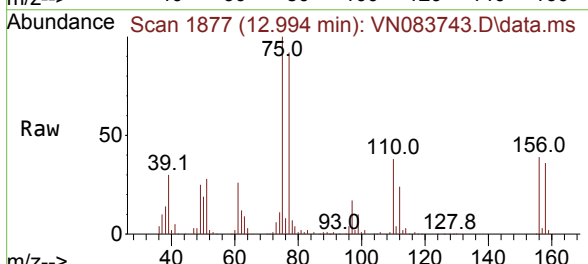
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

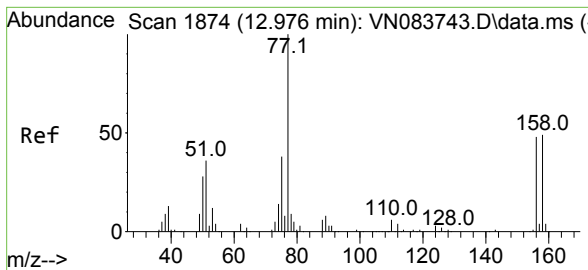
Tgt Ion:	83	Resp:	139525
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.2	15.6
85	65.5	31.9	95.9



#76
 1,2,3-Trichloropropane
 Concen: 74.139 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN083743.D
 Acq: 10 Sep 2024 09:32

Tgt Ion:	75	Resp:	190637
Ion Ratio	Lower	Upper	
75	100		
77	139.7	95.2	285.6





#77

Bromobenzene

Concen: 48.259 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

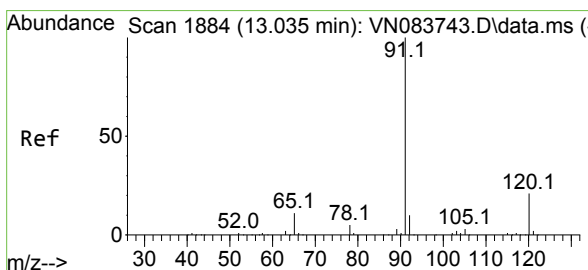
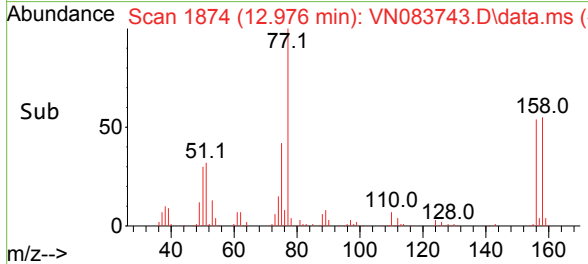
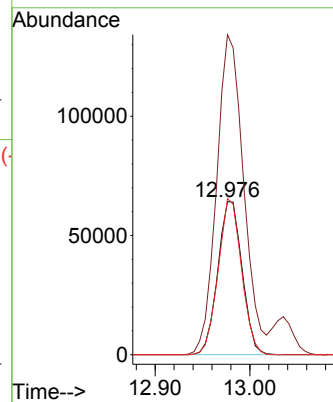
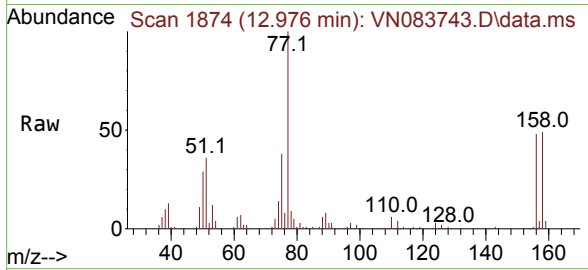
Tgt Ion:156 Resp: 114527

Ion Ratio Lower Upper

156 100

77 232.6 114.3 343.1

158 97.8 48.9 146.7



#78

n-propylbenzene

Concen: 52.864 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN083743.D

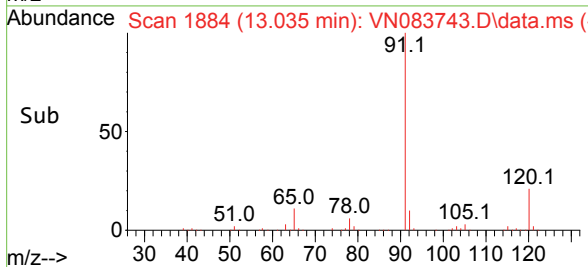
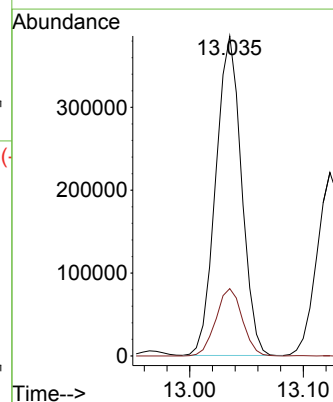
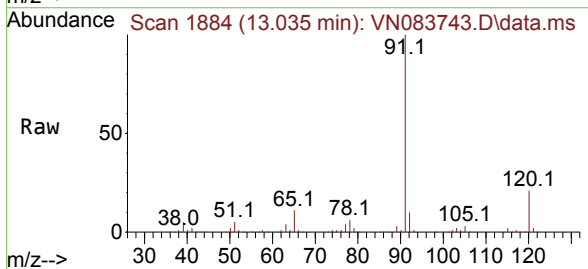
Acq: 10 Sep 2024 09:32

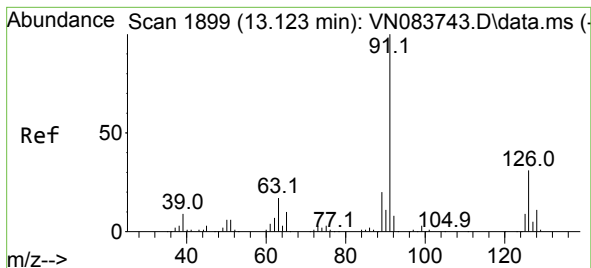
Tgt Ion: 91 Resp: 606410

Ion Ratio Lower Upper

91 100

120 21.7 11.0 33.0





#79

2-Chlorotoluene

Concen: 50.391 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

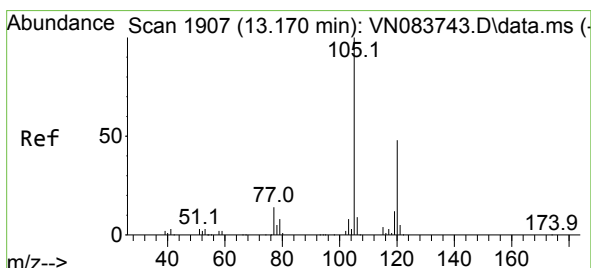
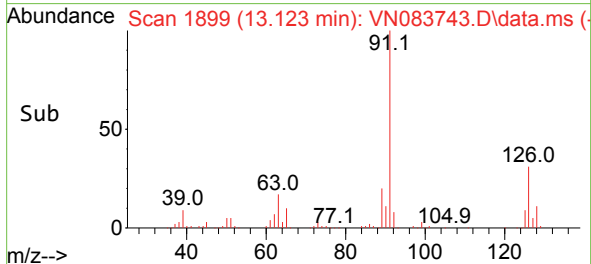
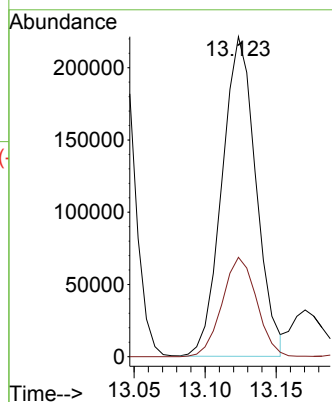
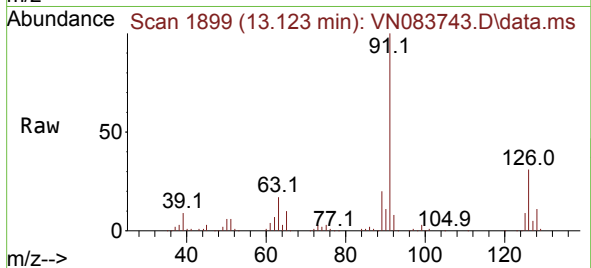
VSTDICCC050

Tgt Ion: 91 Resp: 368645

Ion Ratio Lower Upper

91 100

126 31.6 15.4 46.2



#80

1,3,5-Trimethylbenzene

Concen: 52.415 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN083743.D

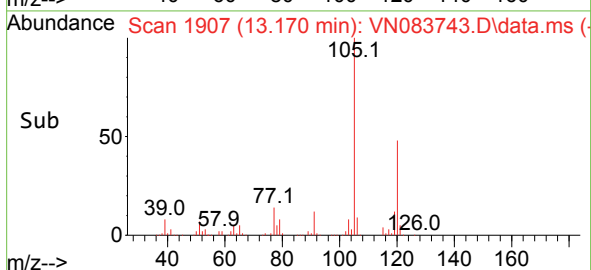
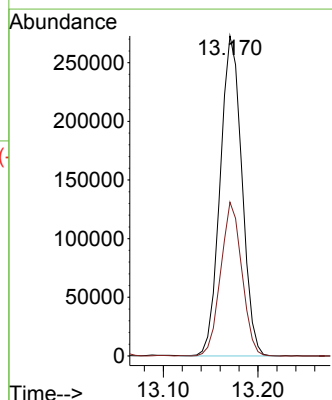
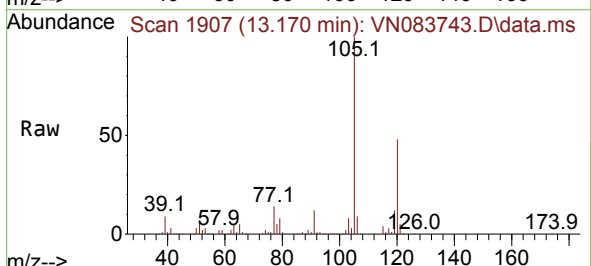
Acq: 10 Sep 2024 09:32

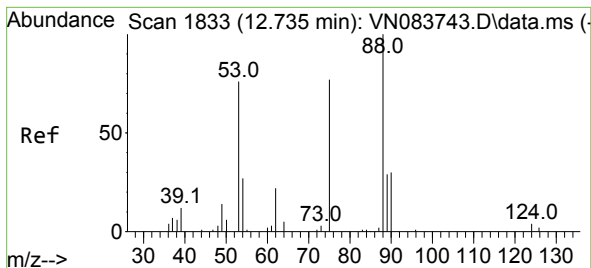
Tgt Ion:105 Resp: 435677

Ion Ratio Lower Upper

105 100

120 46.8 23.4 70.3

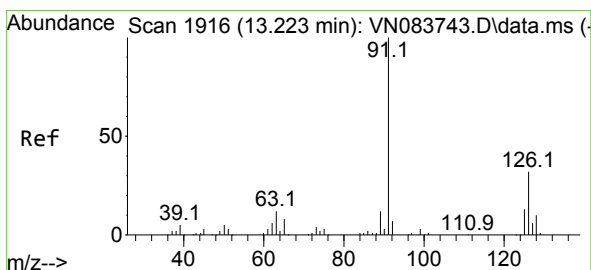
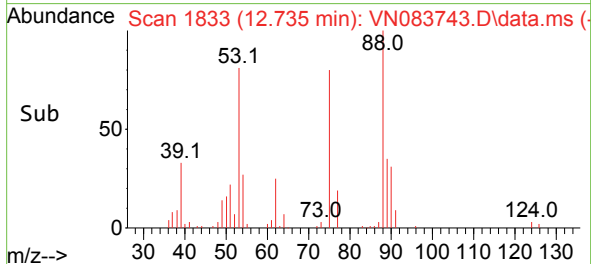
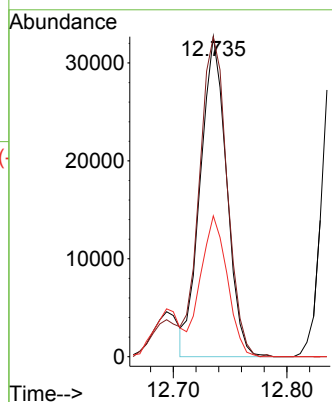
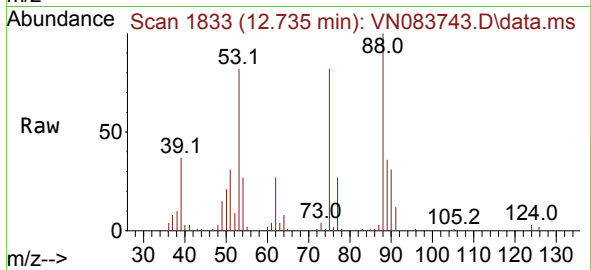




#81
trans-1,4-Dichloro-2-butene
Concen: 53.325 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

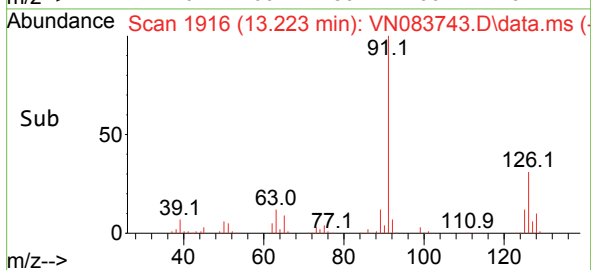
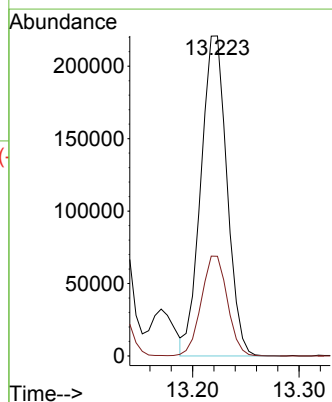
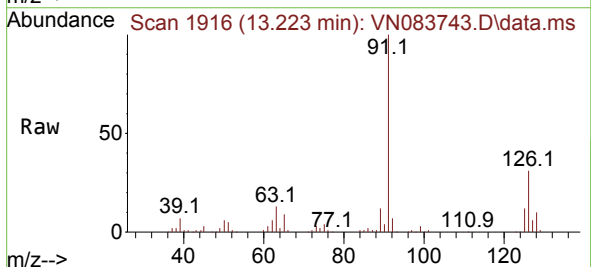
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

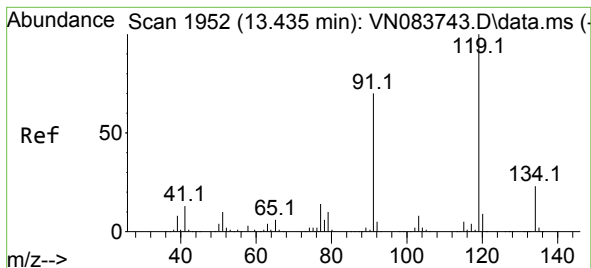
Tgt Ion: 75 Resp: 52353
Ion Ratio Lower Upper
75 100
53 105.7 81.2 121.8
89 44.3 35.7 53.5



#82
4-Chlorotoluene
Concen: 51.180 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

Tgt Ion: 91 Resp: 375734
Ion Ratio Lower Upper
91 100
126 31.3 15.4 46.2





#83

tert-Butylbenzene

Concen: 52.809 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

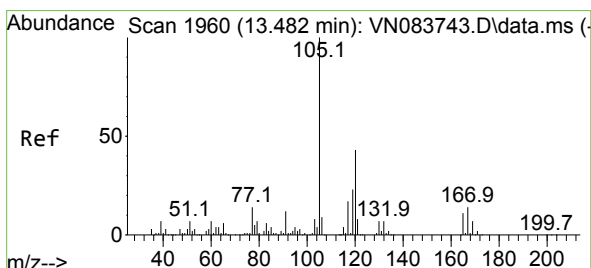
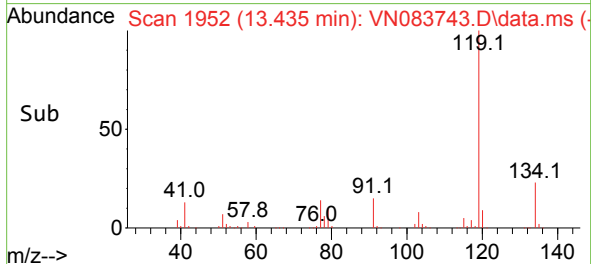
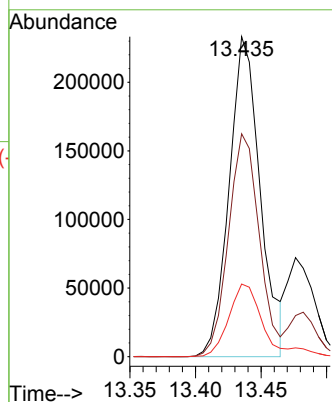
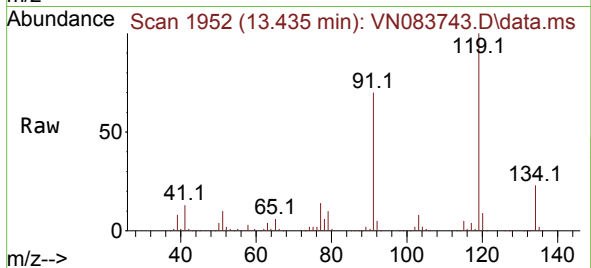
Tgt Ion:119 Resp: 384034

Ion Ratio Lower Upper

119 100

91 69.3 34.5 103.6

134 25.5 12.8 38.4



#84

1,2,4-Trimethylbenzene

Concen: 53.164 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN083743.D

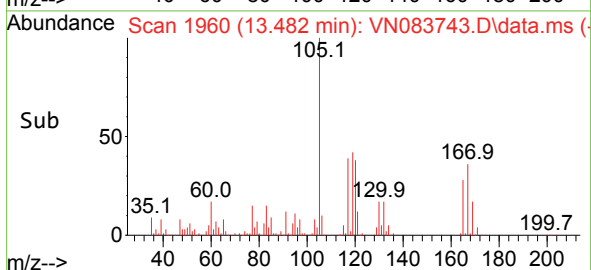
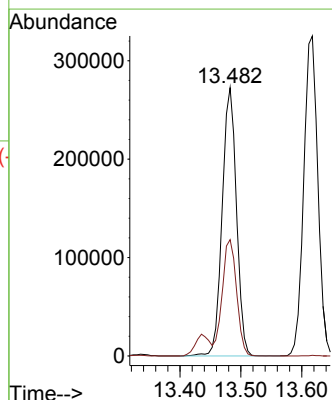
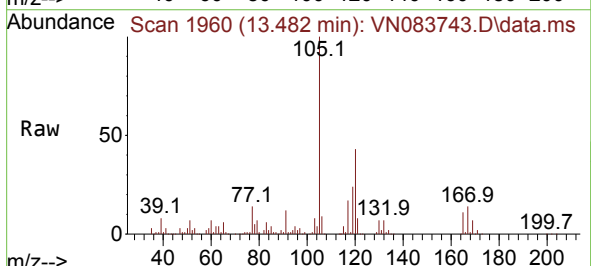
Acq: 10 Sep 2024 09:32

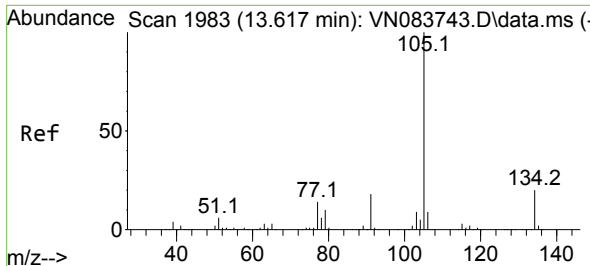
Tgt Ion:105 Resp: 443899

Ion Ratio Lower Upper

105 100

120 43.6 21.8 65.4

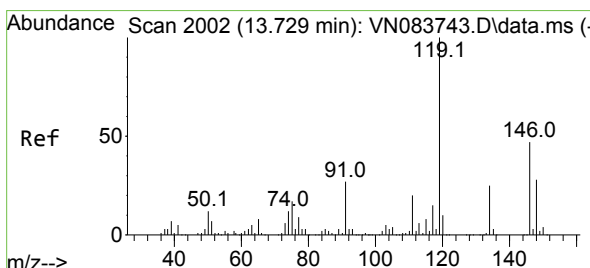
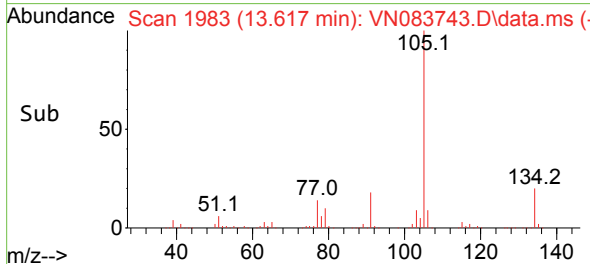
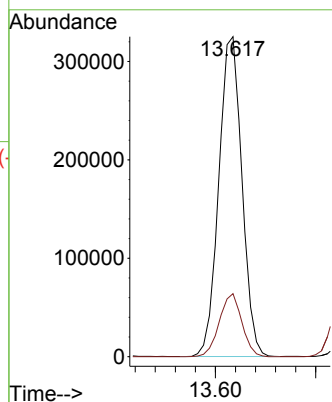
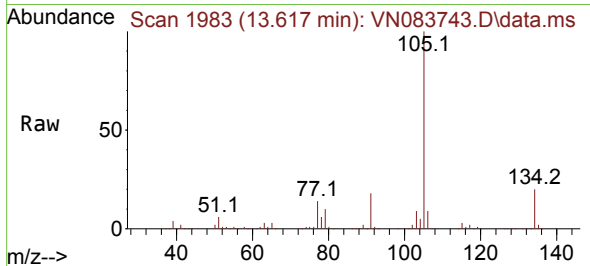




#85
 sec-Butylbenzene
 Concen: 53.962 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083743.D
 Acq: 10 Sep 2024 09:32

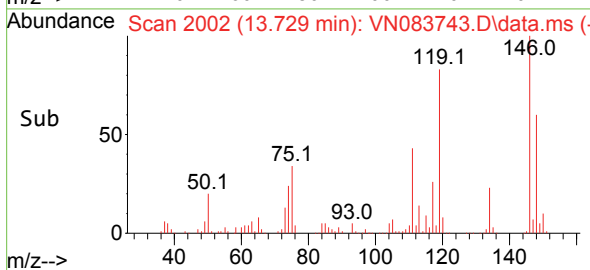
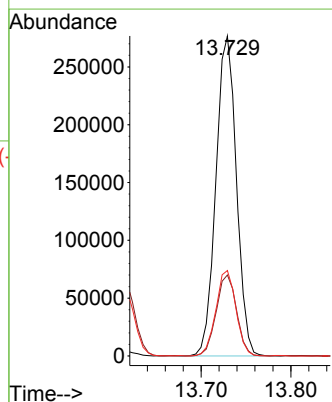
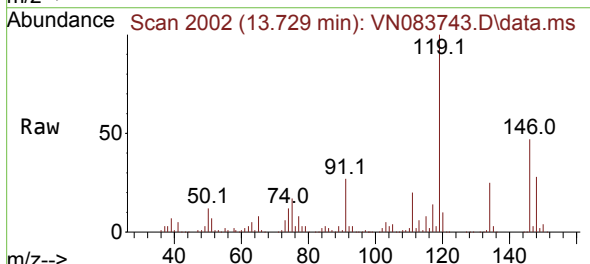
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

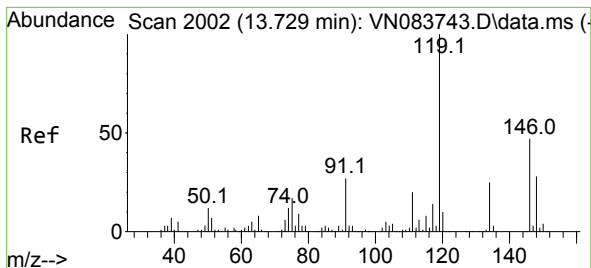
Tgt Ion:105 Resp: 520441
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 54.344 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083743.D
 Acq: 10 Sep 2024 09:32

Tgt Ion:119 Resp: 439355
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.8 38.3
 91 26.1 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 49.548 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

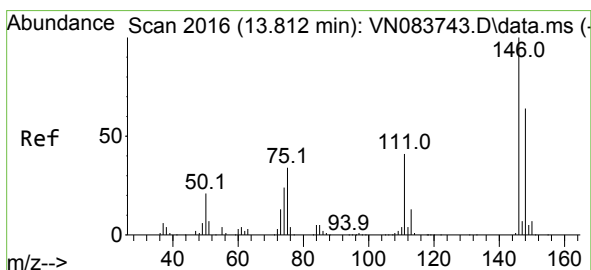
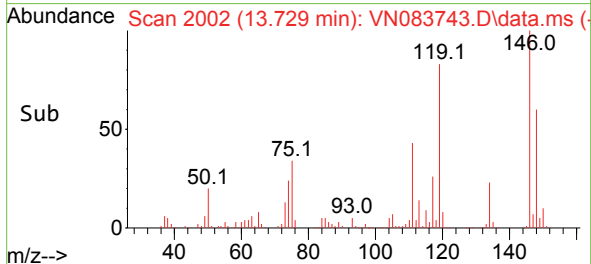
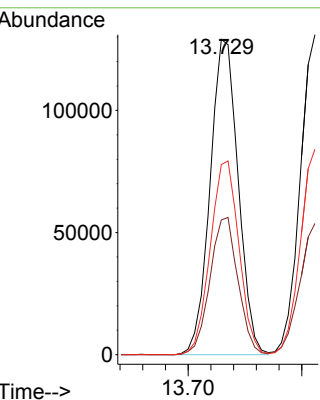
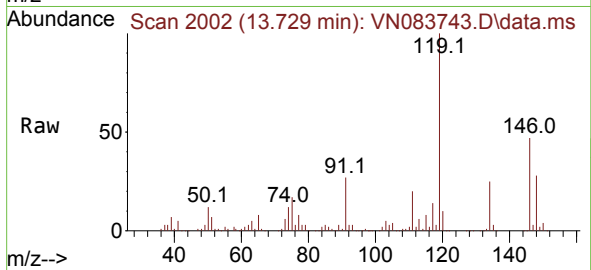
Tgt Ion:146 Resp: 221915

Ion Ratio Lower Upper

146 100

111 43.4 21.7 65.1

148 62.7 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 48.914 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN083743.D

Acq: 10 Sep 2024 09:32

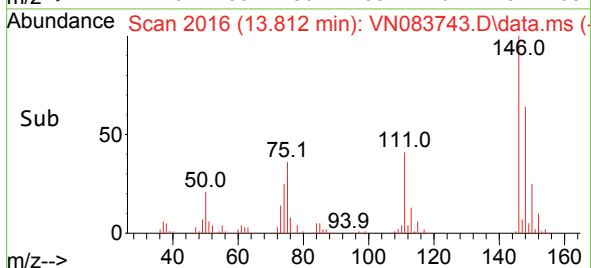
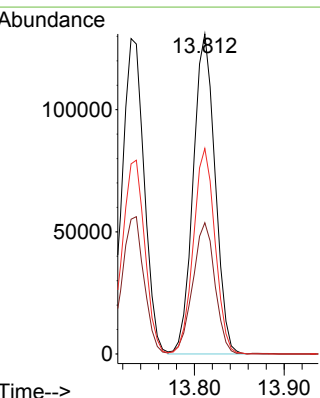
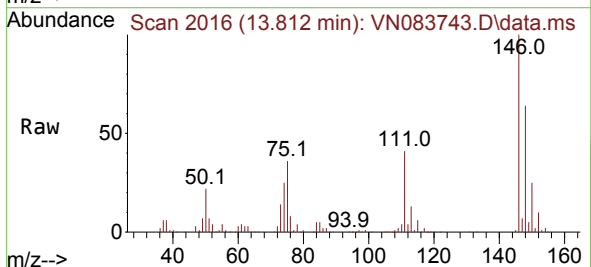
Tgt Ion:146 Resp: 221827

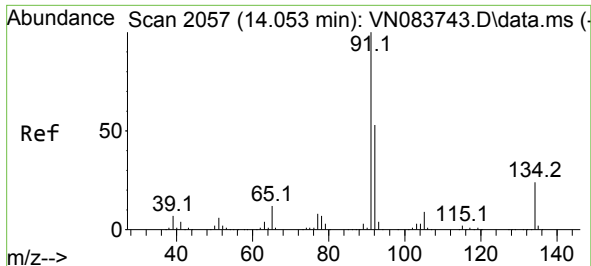
Ion Ratio Lower Upper

146 100

111 41.6 21.3 64.0

148 63.5 32.0 96.2

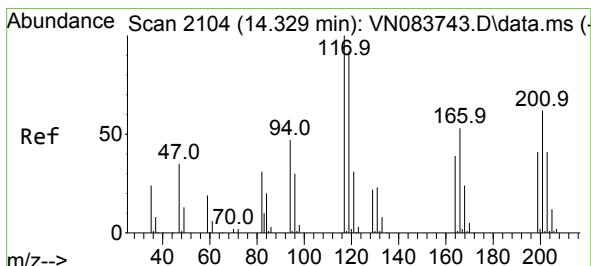
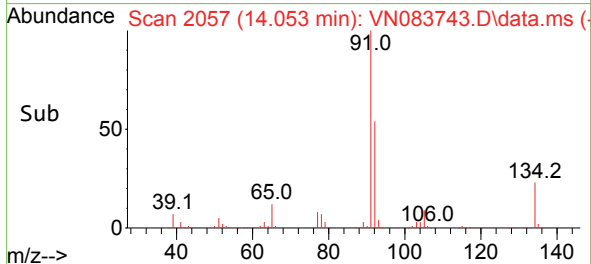
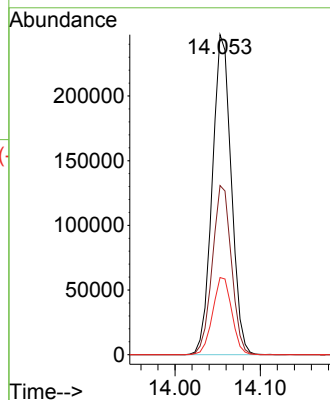
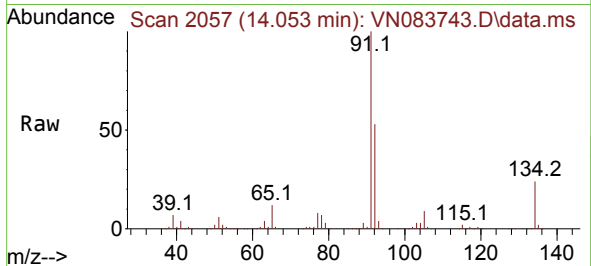




#89
n-Butylbenzene
Concen: 52.700 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

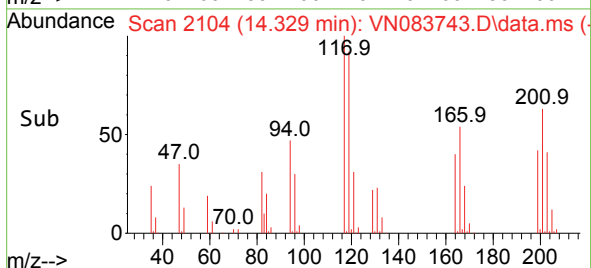
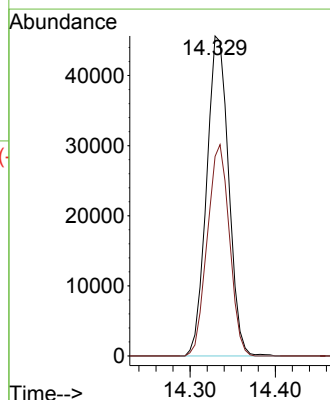
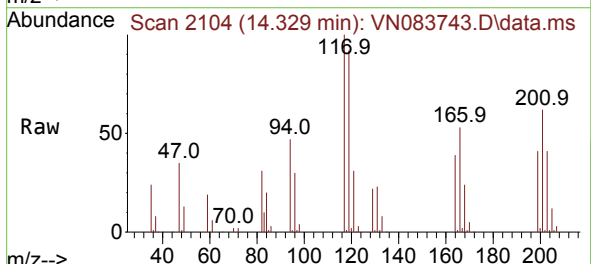
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

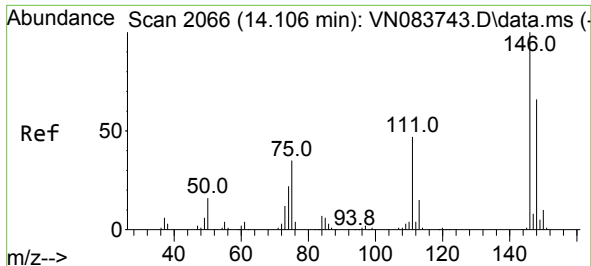
Tgt Ion: 91 Resp: 382538
Ion Ratio Lower Upper
91 100
92 53.3 26.7 80.1
134 24.3 12.2 36.4



#90
Hexachloroethane
Concen: 50.348 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

Tgt Ion: 117 Resp: 81825
Ion Ratio Lower Upper
117 100
201 66.4 32.8 98.3

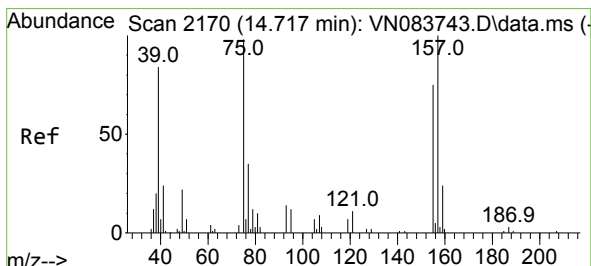
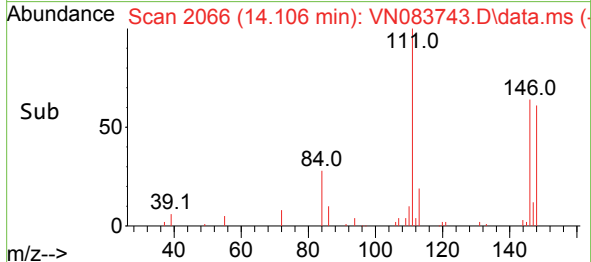
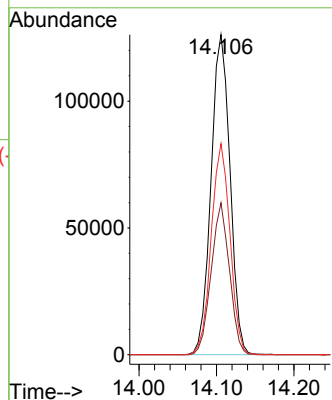
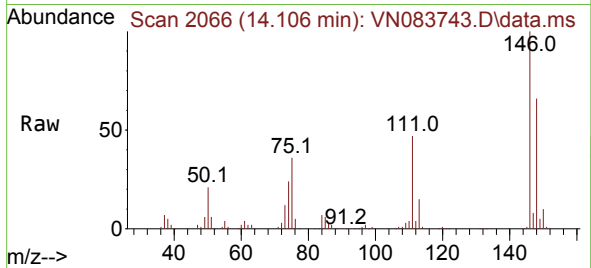




#91
1,2-Dichlorobenzene
Concen: 49.777 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

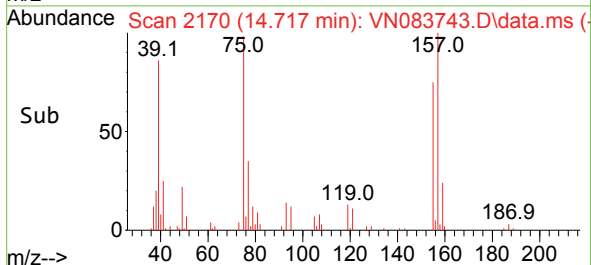
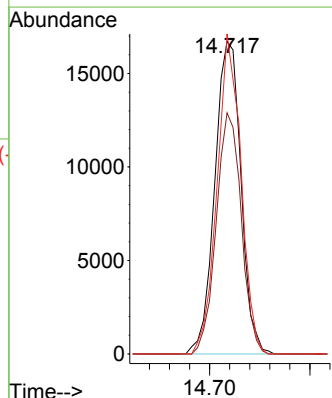
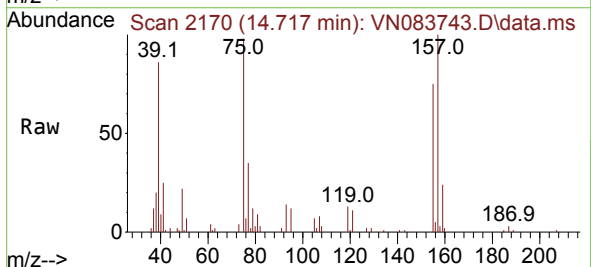
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

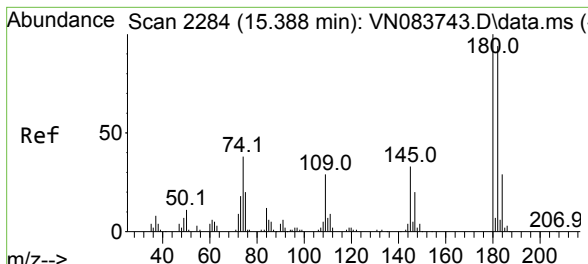
Tgt Ion:146 Resp: 215156
Ion Ratio Lower Upper
146 100
111 45.6 22.8 68.3
148 65.0 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.330 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

Tgt Ion: 75 Resp: 30218
Ion Ratio Lower Upper
75 100
155 73.9 35.9 107.7
157 93.2 47.5 142.5

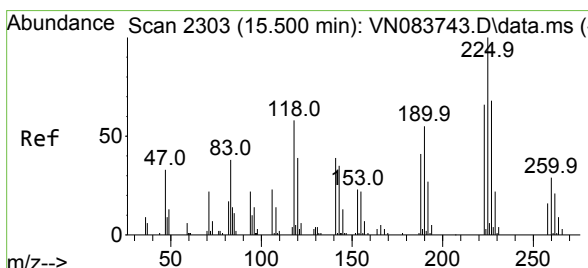
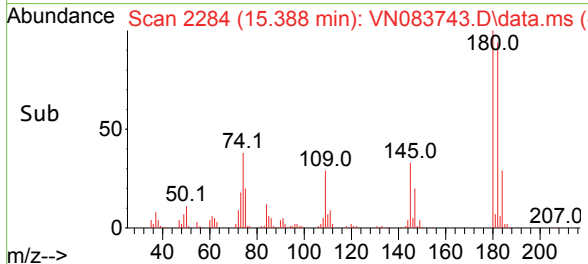
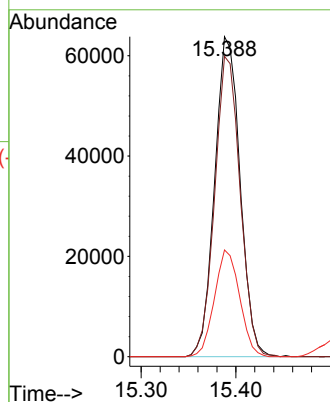
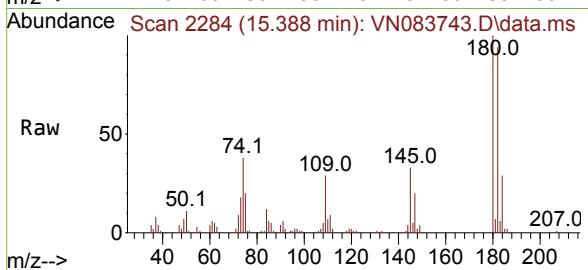




#93
 1,2,4-Trichlorobenzene
 Concen: 51.209 ug/l
 RT: 15.388 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN083743.D
 Acq: 10 Sep 2024 09:32

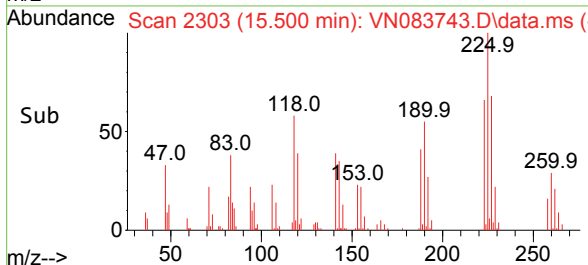
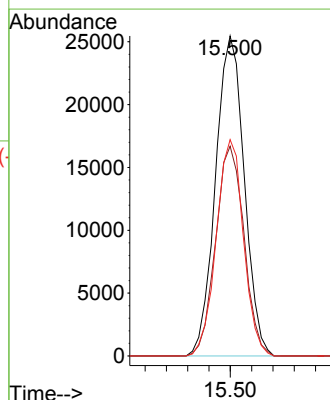
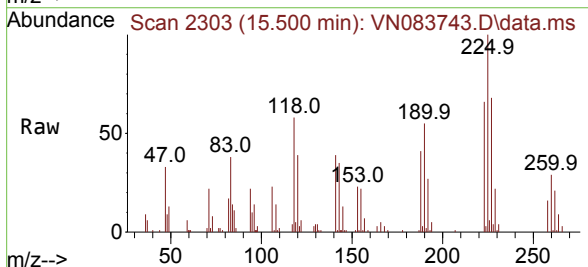
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

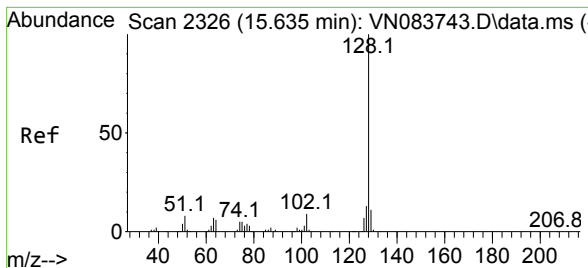
Tgt Ion:180 Resp: 118780
 Ion Ratio Lower Upper
 180 100
 182 94.0 48.1 144.3
 145 33.1 16.9 50.7



#94
 Hexachlorobutadiene
 Concen: 48.405 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. 0.000 min
 Lab File: VN083743.D
 Acq: 10 Sep 2024 09:32

Tgt Ion:225 Resp: 47681
 Ion Ratio Lower Upper
 225 100
 223 64.6 31.9 95.5
 227 63.9 32.0 96.2

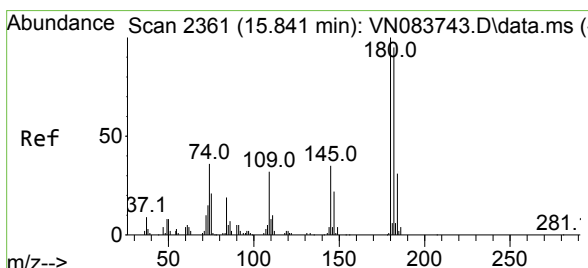
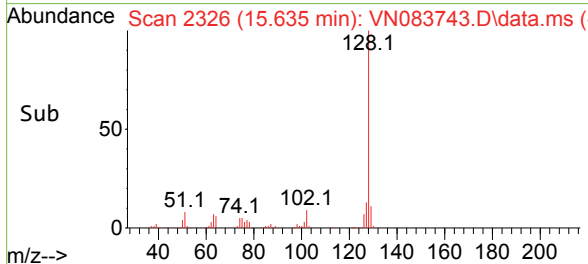
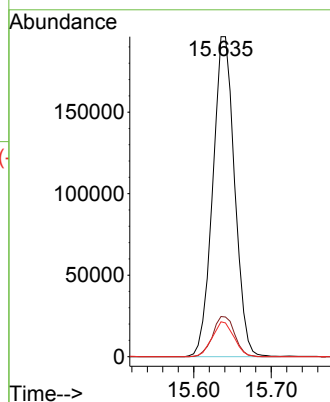
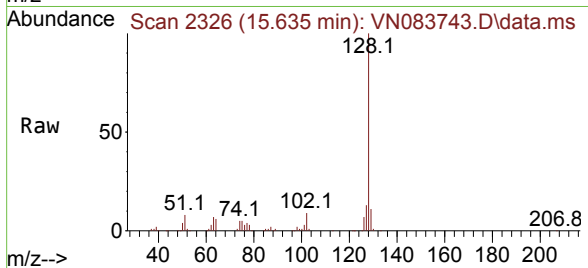




#95
Naphthalene
Concen: 54.471 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 384390
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.447 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN083743.D
Acq: 10 Sep 2024 09:32

Tgt Ion:180 Resp: 114047
Ion Ratio Lower Upper
180 100
182 96.3 47.1 141.4
145 36.4 17.8 53.5

