

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120924\
 Data File : VN085142.D
 Acq On : 09 Dec 2024 10:32
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Dec 10 04:56:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	169304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	265126	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	235660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	120023	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114719	47.569	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.140%
35) Dibromofluoromethane	8.165	113	92766	51.885	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.760%
50) Toluene-d8	10.565	98	326526	50.960	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.920%
62) 4-Bromofluorobenzene	12.847	95	123192	51.412	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.820%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	74077	38.695	ug/l	98
3) Chloromethane	2.359	50	80185	36.113	ug/l	97
4) Vinyl Chloride	2.512	62	83740	41.966	ug/l	97
5) Bromomethane	2.942	94	53457	47.797	ug/l	91
6) Chloroethane	3.118	64	59690	44.380	ug/l	100
7) Trichlorofluoromethane	3.495	101	155891	45.926	ug/l	99
8) Diethyl Ether	3.959	74	54603	47.263	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.359	101	91050	47.294	ug/l	97
10) Methyl Iodide	4.583	142	89363	35.067	ug/l	97
11) Tert butyl alcohol	5.518	59	76683	237.948	ug/l	96
12) 1,1-Dichloroethene	4.342	96	82362	45.833	ug/l	99
13) Acrolein	4.177	56	64513	300.005	ug/l	97
14) Allyl chloride	5.018	41	117645	38.835	ug/l	92
15) Acrylonitrile	5.712	53	221719	243.009	ug/l	100
16) Acetone	4.424	43	203220	289.341	ug/l	96
17) Carbon Disulfide	4.706	76	226138	42.635	ug/l	98
18) Methyl Acetate	5.018	43	108094	48.108	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	282616	48.135	ug/l	100
20) Methylene Chloride	5.271	84	95322	44.476	ug/l	99
21) trans-1,2-Dichloroethene	5.789	96	87778	46.418	ug/l	96
22) Diisopropyl ether	6.665	45	281466	46.165	ug/l	98
23) Vinyl Acetate	6.600	43	1037308	246.613	ug/l	100
24) 1,1-Dichloroethane	6.565	63	169467	46.447	ug/l	98
25) 2-Butanone	7.477	43	297377	258.973	ug/l	97
26) 2,2-Dichloropropane	7.489	77	159044	46.682	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	105165	46.131	ug/l	99
28) Bromochloromethane	7.812	49	63733	46.274	ug/l	95
29) Tetrahydrofuran	7.836	42	184053	257.747	ug/l	98
30) Chloroform	7.965	83	183970	47.401	ug/l	100
31) Cyclohexane	8.253	56	140953	43.877	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	165151	47.089	ug/l	98
36) 1,1-Dichloropropene	8.365	75	123613	51.043	ug/l	99
37) Ethyl Acetate	7.559	43	116196	52.778	ug/l	98
38) Carbon Tetrachloride	8.359	117	148269	53.041	ug/l	96
39) Methylcyclohexane	9.600	83	131927	52.424	ug/l	97
40) Benzene	8.606	78	386295	50.434	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	62238	51.058	ug/l	96
42) 1,2-Dichloroethane	8.671	62	132099	50.412	ug/l	99
43) Isopropyl Acetate	8.688	43	196670	43.006	ug/l	97
44) Trichloroethene	9.347	130	91956	51.660	ug/l	94
45) 1,2-Dichloropropane	9.618	63	92953	49.272	ug/l	93
46) Dibromomethane	9.706	93	67996	51.870	ug/l	98
47) Bromodichloromethane	9.888	83	145741	52.456	ug/l	97
48) Methyl methacrylate	9.677	41	91470	53.750	ug/l	98
49) 1,4-Dioxane	9.694	88	37193	1260.284	ug/l #	92
51) 4-Methyl-2-Pentanone	10.441	43	608624	291.377	ug/l	99
52) Toluene	10.630	92	245225	54.081	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	143697	51.589	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	153615	51.984	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	91610	54.241	ug/l	98
56) Ethyl methacrylate	10.871	69	145017	58.759	ug/l	98
57) 1,3-Dichloropropane	11.165	76	154792	52.074	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	312633	258.243	ug/l	100
59) 2-Hexanone	11.194	43	467460	299.229	ug/l	100
60) Dibromochloromethane	11.359	129	114019	55.238	ug/l	99
61) 1,2-Dibromoethane	11.465	107	93195	53.317	ug/l	97
64) Tetrachloroethene	11.100	164	83557	52.620	ug/l	97
65) Chlorobenzene	11.888	112	264819	49.550	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	96896	51.493	ug/l	99
67) Ethyl Benzene	11.959	91	466309	53.779	ug/l	99
68) m/p-Xylenes	12.071	106	362598	109.841	ug/l	100
69) o-Xylene	12.394	106	169397	53.945	ug/l	100
70) Styrene	12.412	104	301784	57.790	ug/l	98
71) Bromoform	12.576	173	79256	56.742	ug/l #	100
73) Isopropylbenzene	12.694	105	441629	52.158	ug/l	100
74) N-amyl acetate	12.494	43	176132	50.480	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	134339	46.462	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	173913	79.662	ug/l	47
77) Bromobenzene	12.976	156	109596	48.098	ug/l	99
78) n-propylbenzene	13.035	91	528037	54.068	ug/l	99
79) 2-Chlorotoluene	13.123	91	319326	48.981	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	387163	54.491	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	55265	55.884	ug/l	86
82) 4-Chlorotoluene	13.218	91	331046	48.778	ug/l	99
83) tert-Butylbenzene	13.435	119	310870	50.852	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	387968	53.047	ug/l	100
85) sec-Butylbenzene	13.612	105	447037	54.132	ug/l	99
86) p-Isopropyltoluene	13.729	119	379947	55.734	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	202457	45.047	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	202736	44.203	ug/l	98
89) n-Butylbenzene	14.053	91	317319	50.053	ug/l	99
90) Hexachloroethane	14.329	117	74535	50.159	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	190711	44.283	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	26256	46.961	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	98579	42.133	ug/l	99
94) Hexachlorobutadiene	15.500	225	46941	43.472	ug/l	98
95) Naphthalene	15.641	128	299742	44.981	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	97267	43.570	ug/l	99

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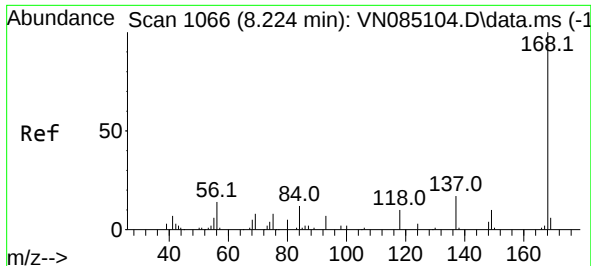
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QLast Update : Sat Nov 23 02:54:10 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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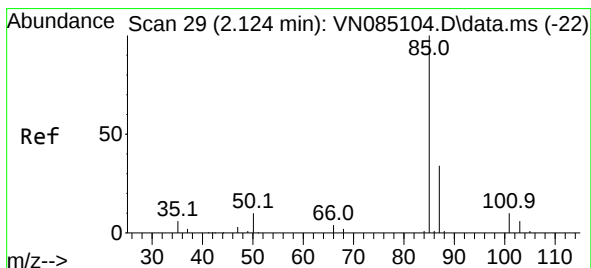
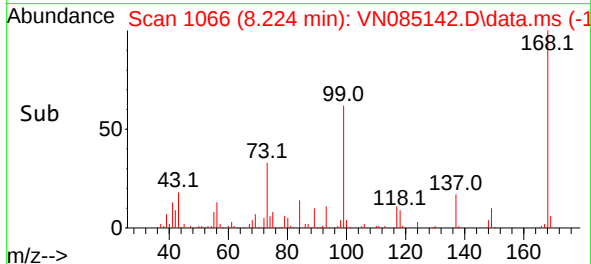
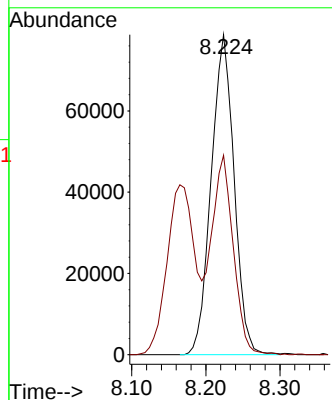
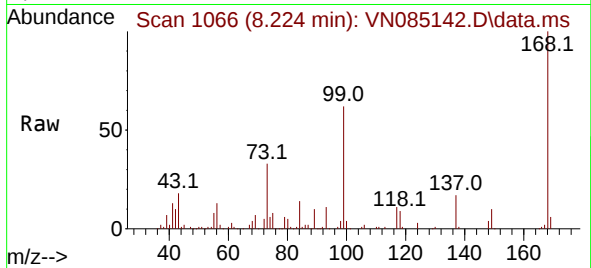




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

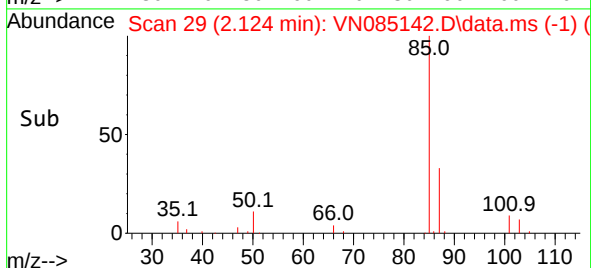
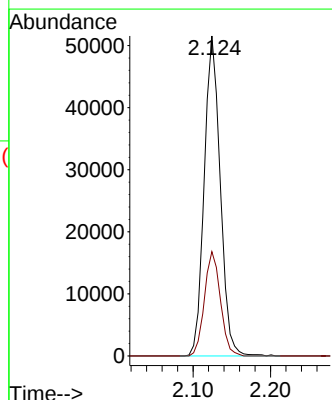
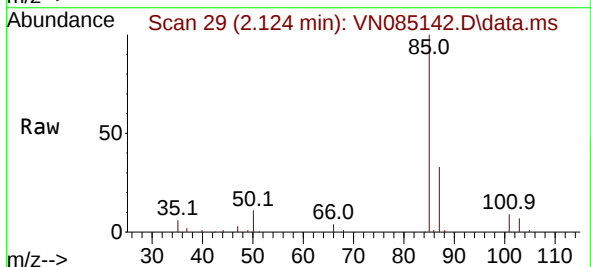
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

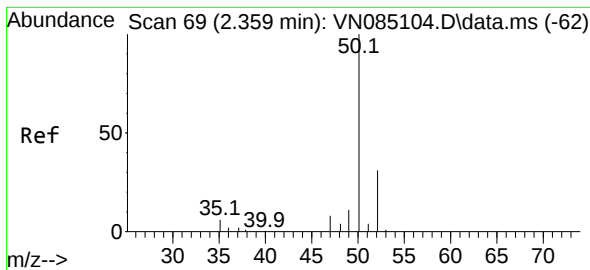
Tgt Ion:168 Resp: 169304
Ion Ratio Lower Upper
168 100
99 62.3 51.2 76.8



#2
Dichlorodifluoromethane
Concen: 38.695 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.006 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Tgt Ion: 85 Resp: 74077
Ion Ratio Lower Upper
85 100
87 32.6 15.7 47.1





#3

Chloromethane

Concen: 36.113 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN085142.D

Acq: 09 Dec 2024 10:32

Instrument :

MSVOA_N

ClientSampleId :

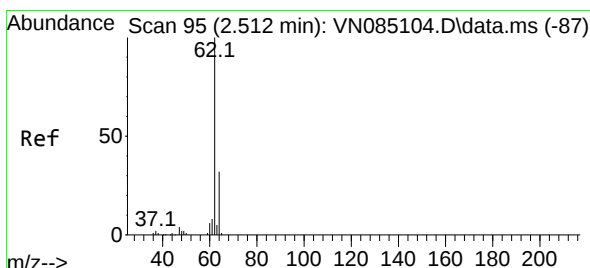
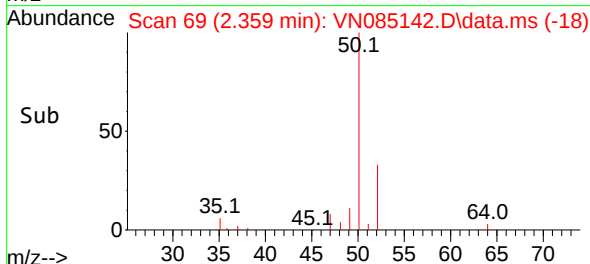
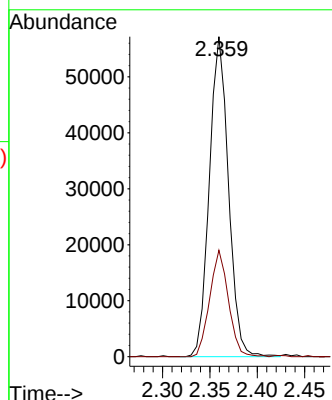
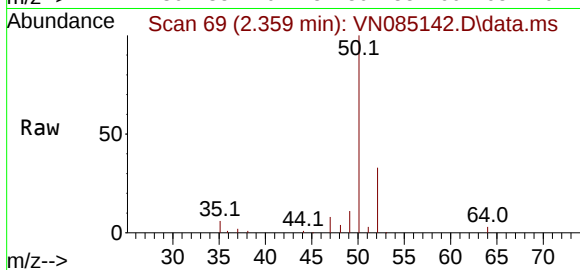
VSTDCCC050

Tgt Ion: 50 Resp: 80185

Ion Ratio Lower Upper

50 100

52 33.2 27.8 41.8



#4

Vinyl Chloride

Concen: 41.966 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.000 min

Lab File: VN085142.D

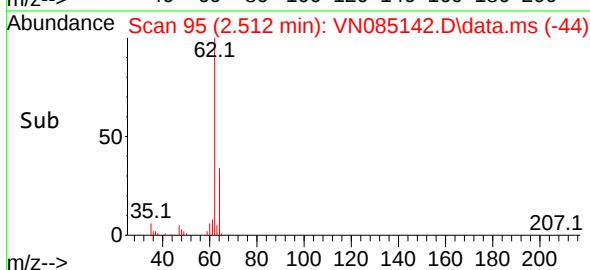
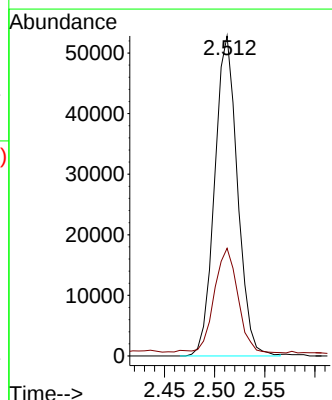
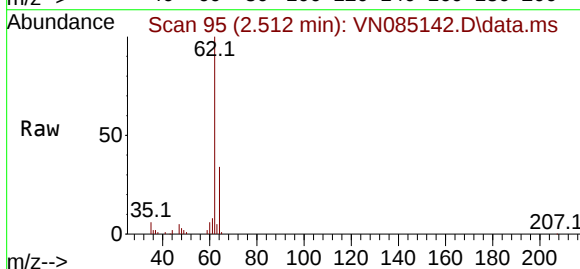
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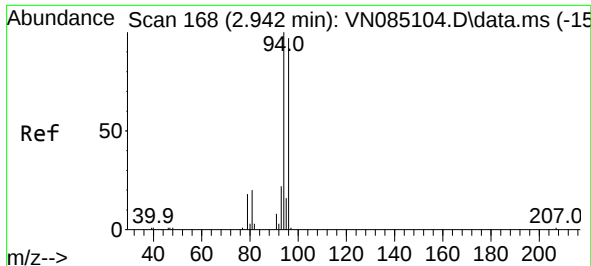
Tgt Ion: 62 Resp: 83740

Ion Ratio Lower Upper

62 100

64 32.6 24.6 36.8

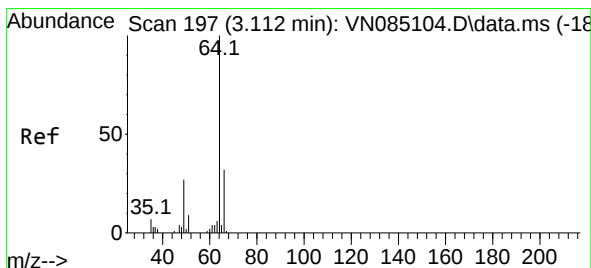
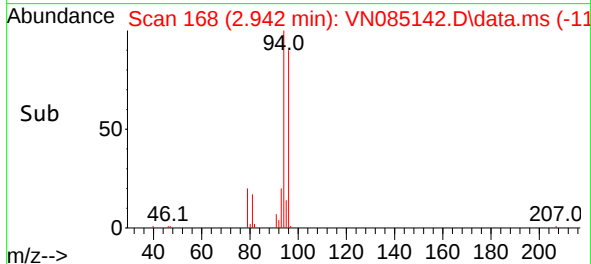
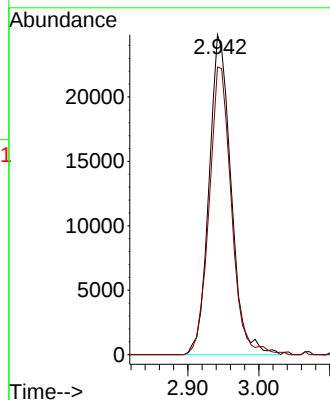
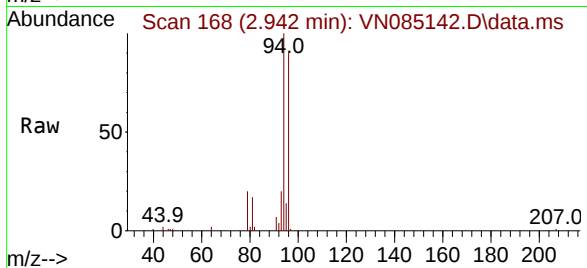




#5
Bromomethane
Concen: 47.797 ug/l
RT: 2.942 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

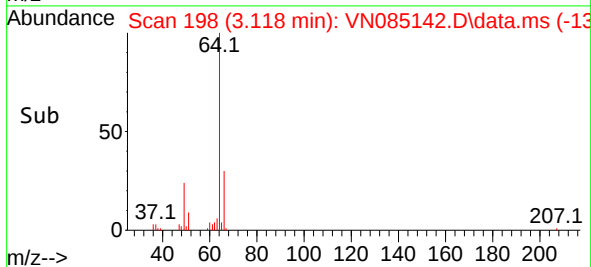
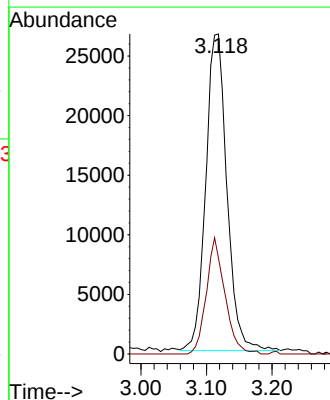
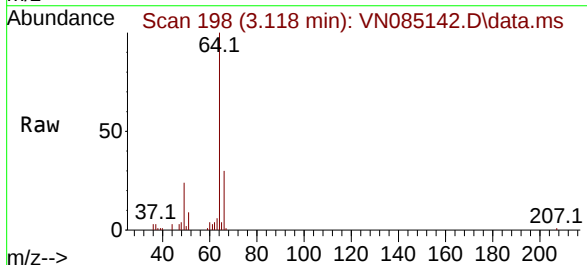
Instrument :
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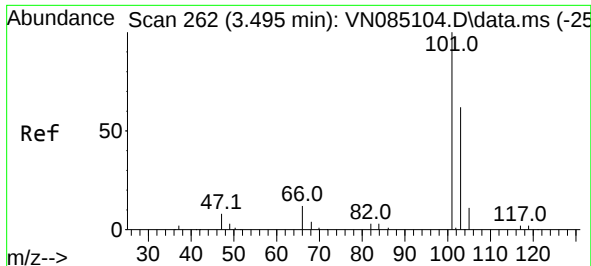
Tgt Ion: 94 Resp: 53457
Ion Ratio Lower Upper
94 100
96 89.9 78.7 118.1



#6
Chloroethane
Concen: 44.380 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.053 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Tgt Ion: 64 Resp: 59690
Ion Ratio Lower Upper
64 100
66 30.3 24.4 36.6

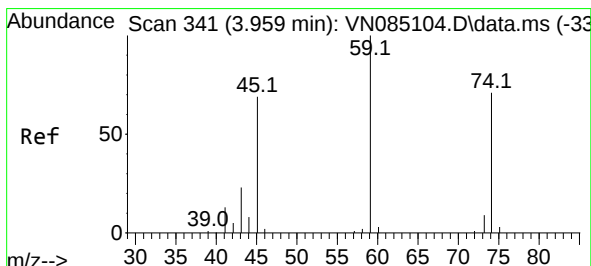
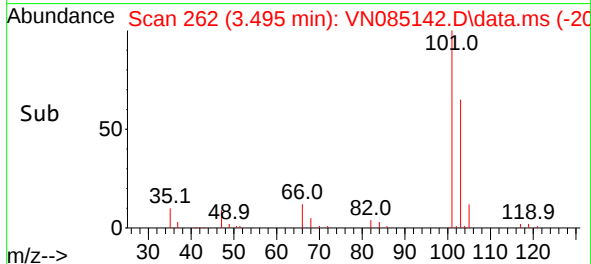
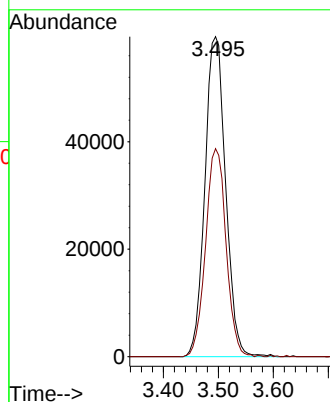
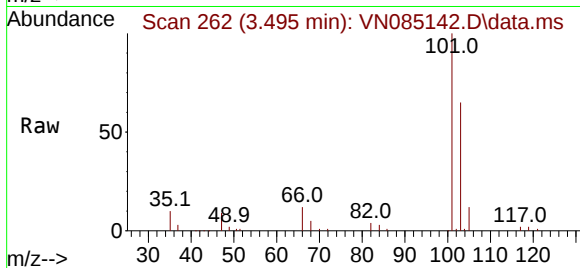




#7
 Trichlorofluoromethane
 Concen: 45.926 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. 0.035 min
 Lab File: VN085142.D
 Acq: 09 Dec 2024 10:32

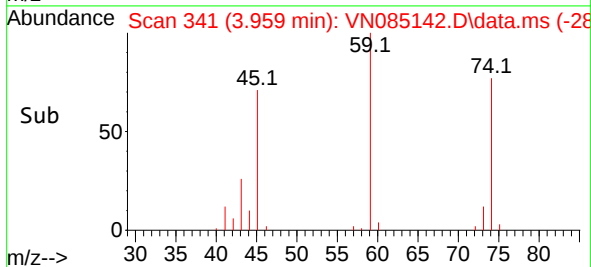
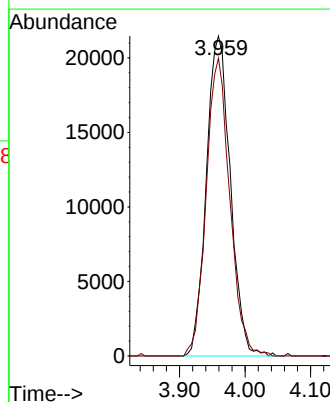
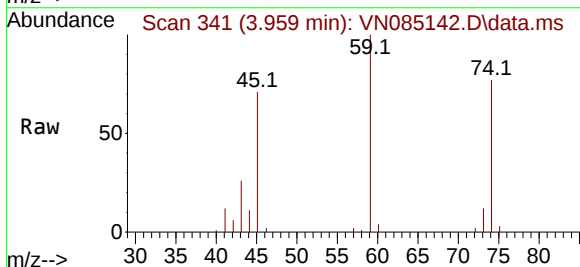
Instrument :
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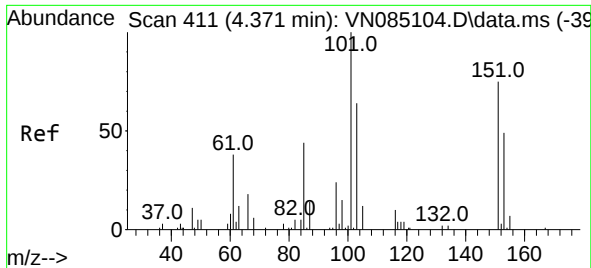
Tgt Ion:101 Resp: 155891
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.6 78.8



#8
 Diethyl Ether
 Concen: 47.263 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.012 min
 Lab File: VN085142.D
 Acq: 09 Dec 2024 10:32

Tgt Ion: 74 Resp: 54603
 Ion Ratio Lower Upper
 74 100
 45 91.6 46.7 140.1

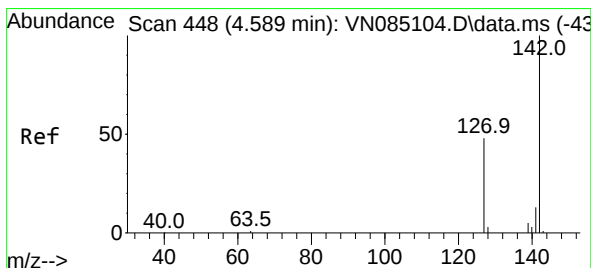
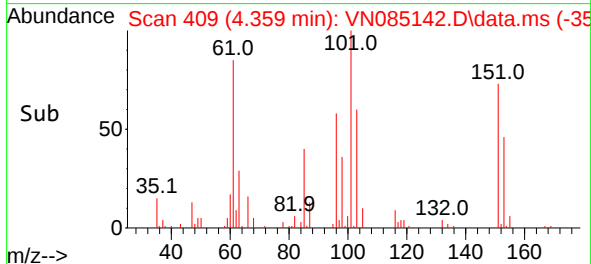
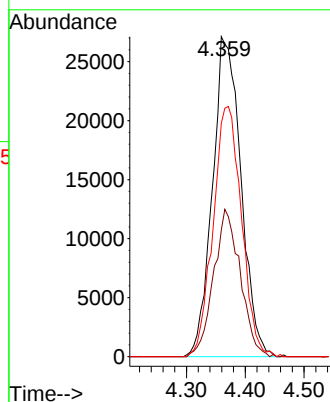
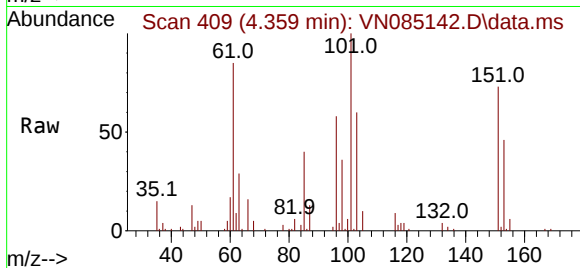




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.294 ug/l
RT: 4.359 min Scan# 409
Delta R.T. 0.006 min
Lab File: VN085142.D
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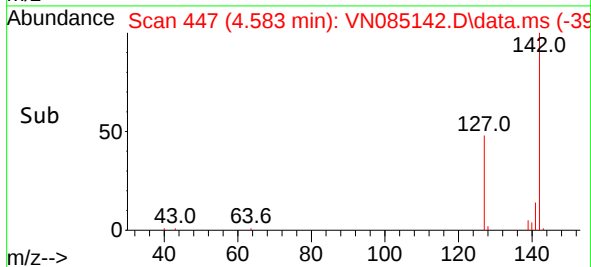
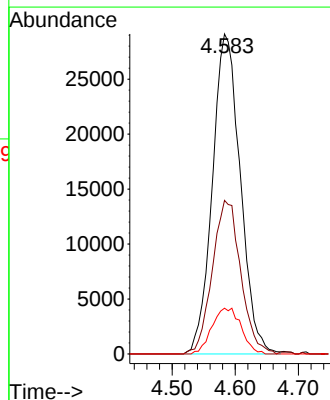
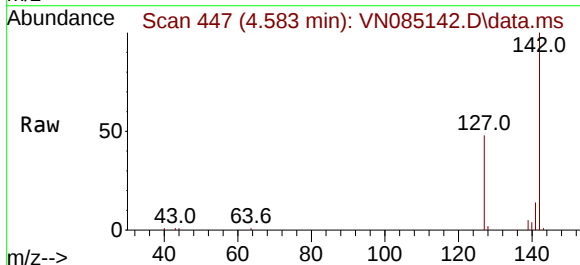
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

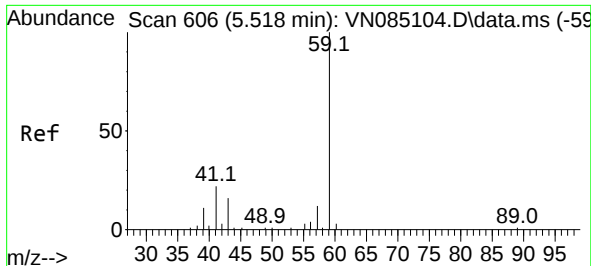
Tgt Ion:	101	Resp:	91050
Ion	Ratio	Lower	Upper
101	100		
85	43.3	36.9	55.3
151	78.1	60.8	91.2



#10
Methyl Iodide
Concen: 35.067 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.012 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Tgt Ion:	142	Resp:	89363
Ion	Ratio	Lower	Upper
142	100		
127	48.0	36.6	54.8
141	14.3	12.2	18.4

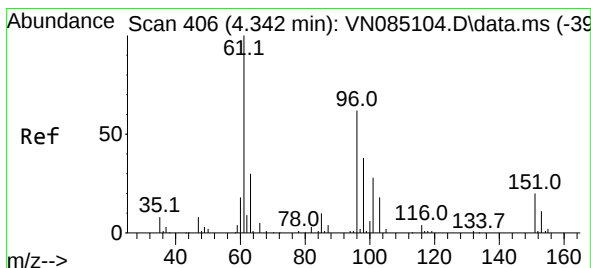
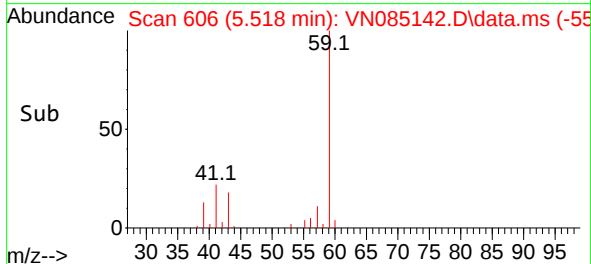
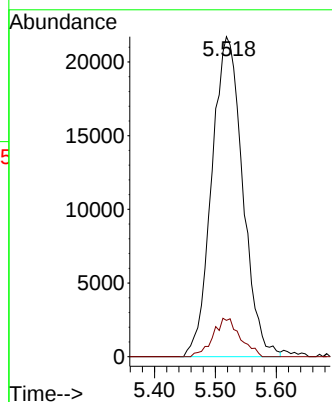
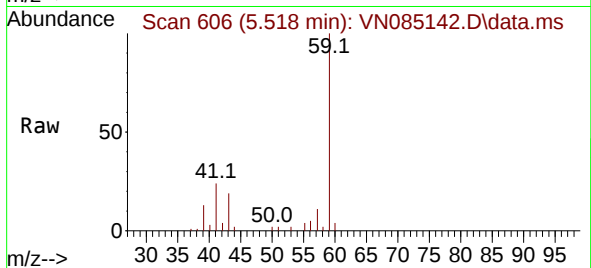




#11
Tert butyl alcohol
Concen: 237.948 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.024 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

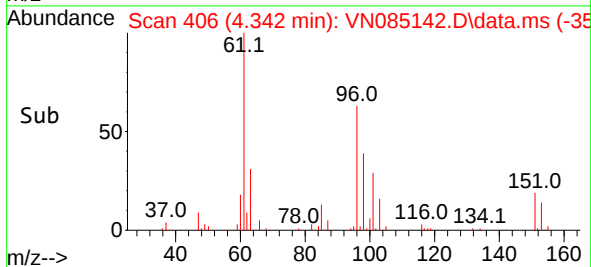
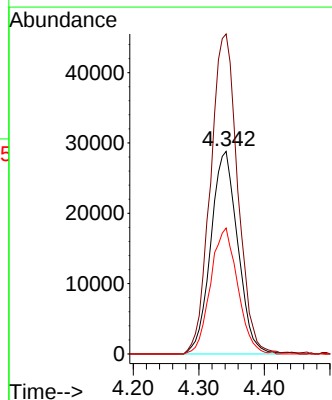
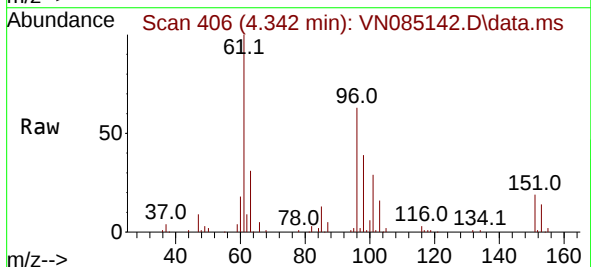
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

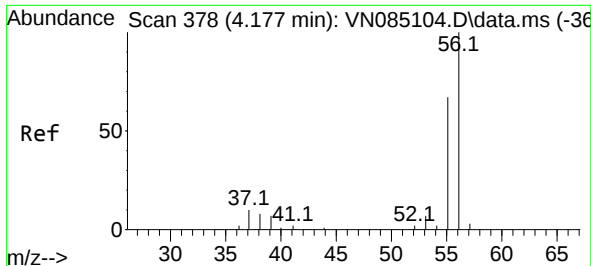
Tgt Ion: 59 Resp: 76683
Ion Ratio Lower Upper
59 100
57 10.5 7.4 11.0



#12
1,1-Dichloroethene
Concen: 45.833 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.023 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Tgt Ion: 96 Resp: 82362
Ion Ratio Lower Upper
96 100
61 157.9 127.8 191.8
98 62.2 49.2 73.8





#13

Acrolein

Concen: 300.005 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.012 min

Lab File: VN085142.D

Acq: 09 Dec 2024 10:32

Instrument :

MSVOA_N

ClientSampleId :

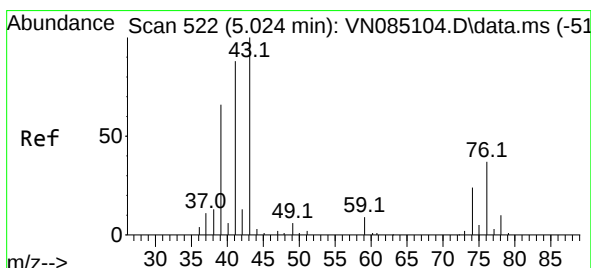
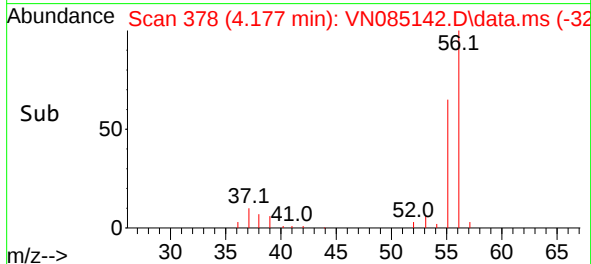
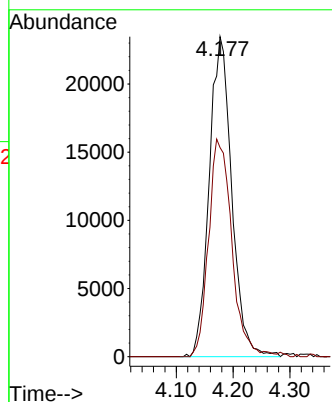
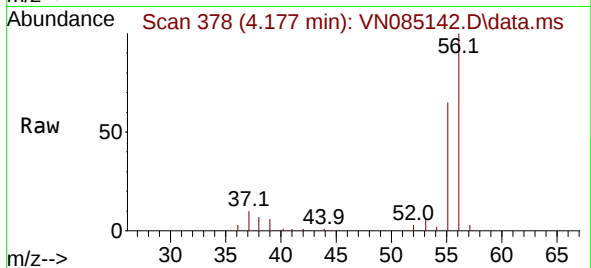
VSTDCCC050

Tgt Ion: 56 Resp: 64513

Ion Ratio Lower Upper

56 100

55 70.2 54.5 81.7



#14

Allyl chloride

Concen: 38.835 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.012 min

Lab File: VN085142.D

Acq: 09 Dec 2024 10:32

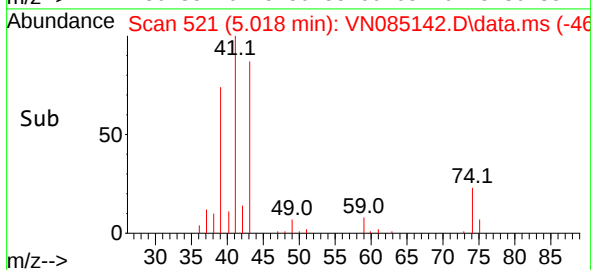
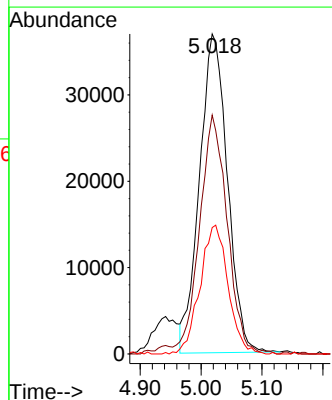
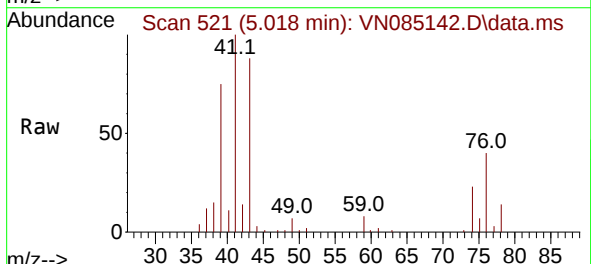
Tgt Ion: 41 Resp: 117645

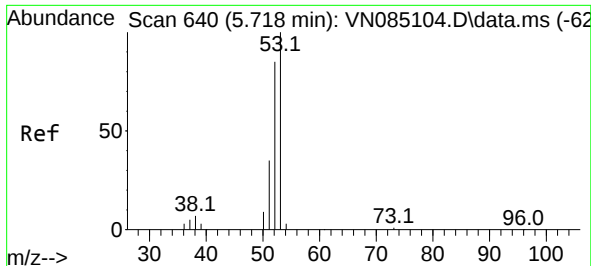
Ion Ratio Lower Upper

41 100

39 74.1 53.8 80.8

76 40.7 29.3 43.9

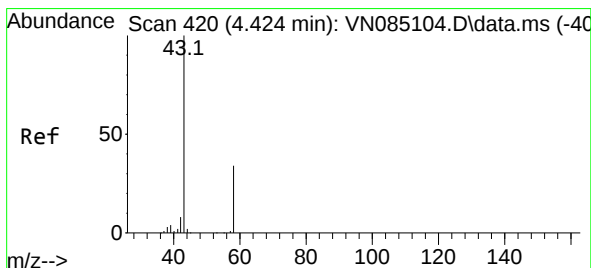
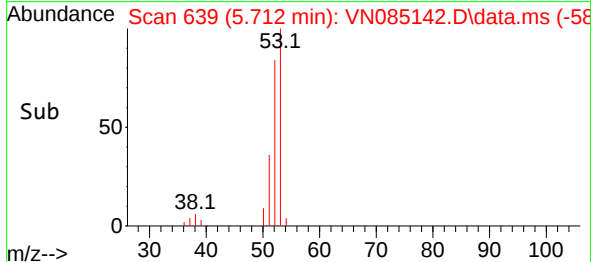
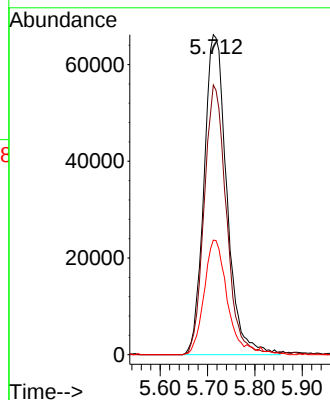
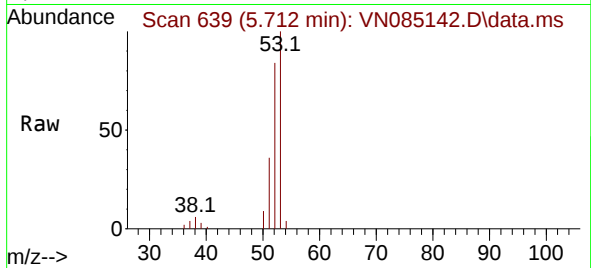




#15
Acrylonitrile
Concen: 243.009 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

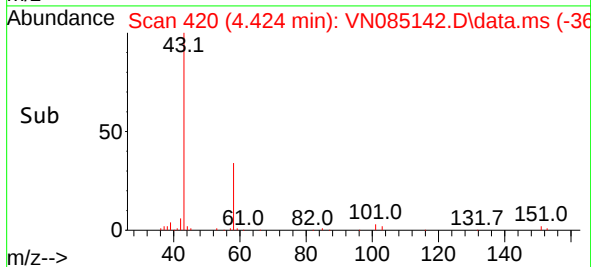
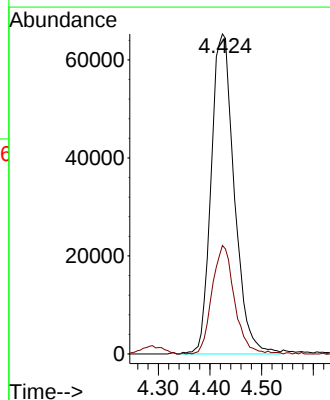
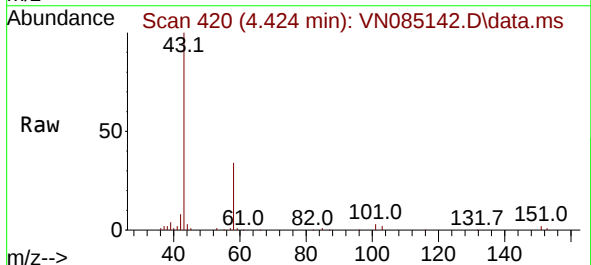
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

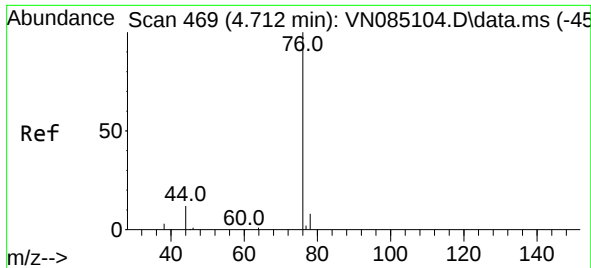
Tgt Ion: 53 Resp: 221719
Ion Ratio Lower Upper
53 100
52 81.9 65.5 98.3
51 36.2 28.4 42.6



#16
Acetone
Concen: 289.341 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Tgt Ion: 43 Resp: 203220
Ion Ratio Lower Upper
43 100
58 33.9 25.4 38.2

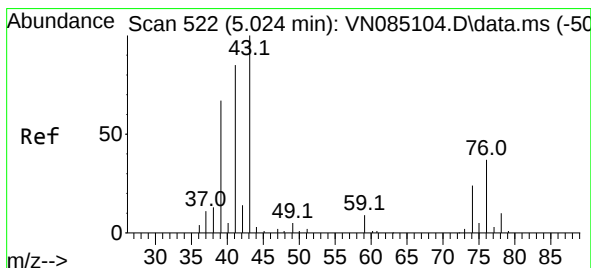
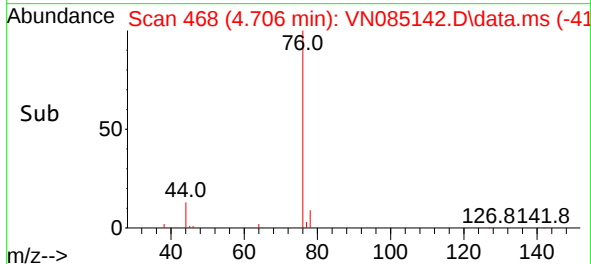
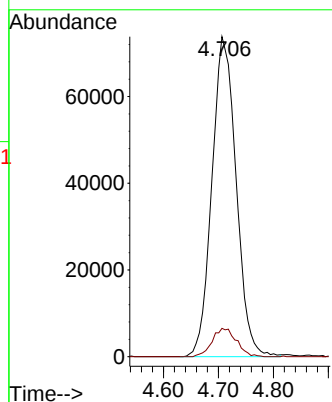
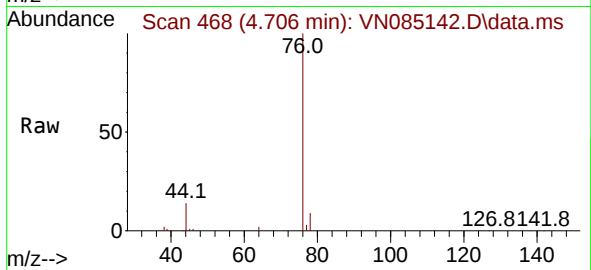




#17
Carbon Disulfide
Concen: 42.635 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

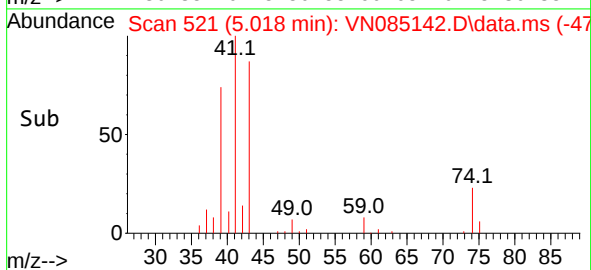
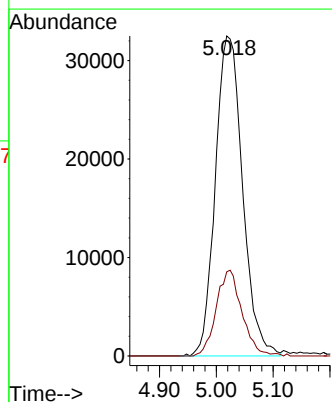
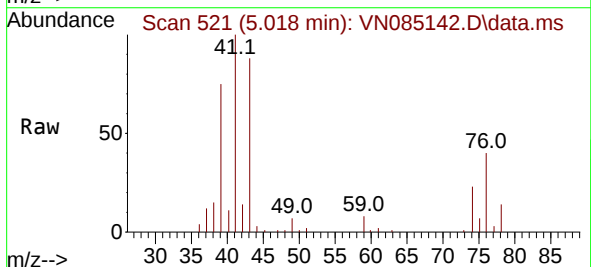
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

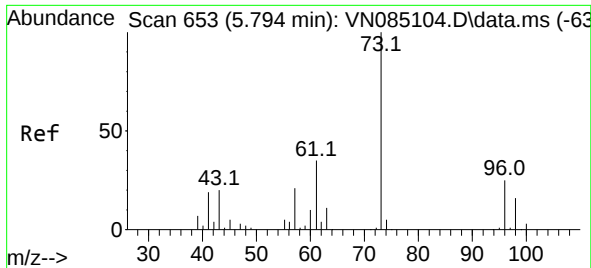
Tgt Ion: 76 Resp: 226138
Ion Ratio Lower Upper
76 100
78 8.9 6.5 9.7



#18
Methyl Acetate
Concen: 48.108 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Tgt Ion: 43 Resp: 108094
Ion Ratio Lower Upper
43 100
74 25.3 20.1 30.1

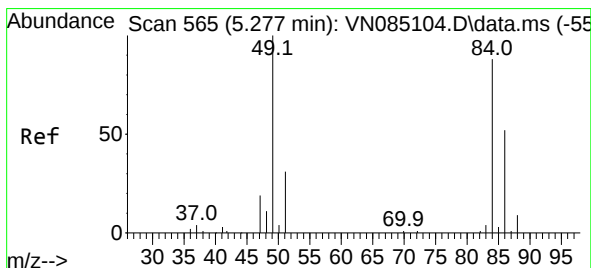
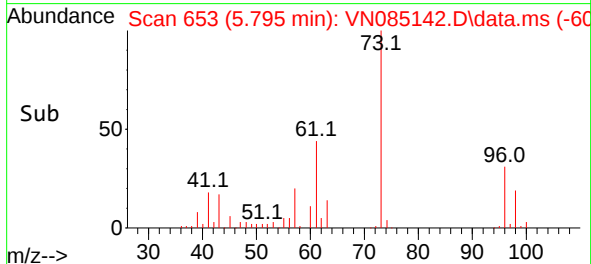
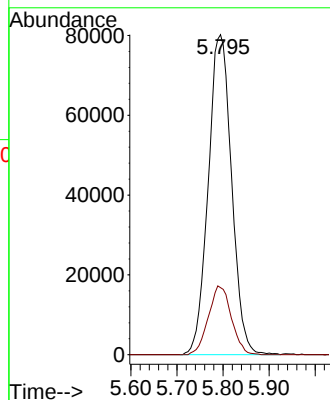
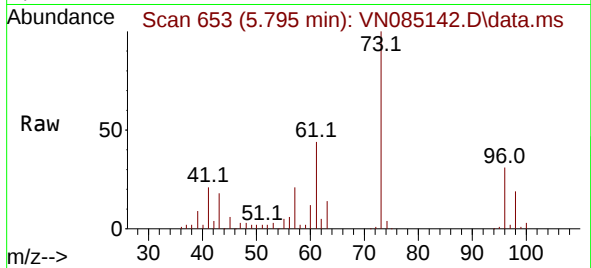




#19
Methyl tert-butyl Ether
Concen: 48.135 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

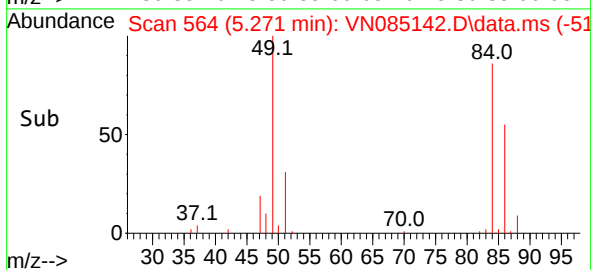
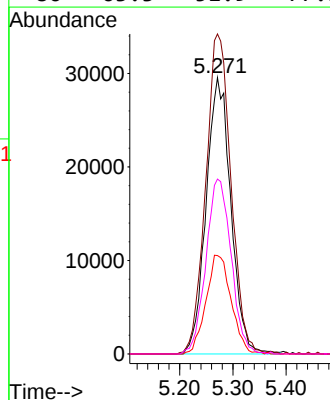
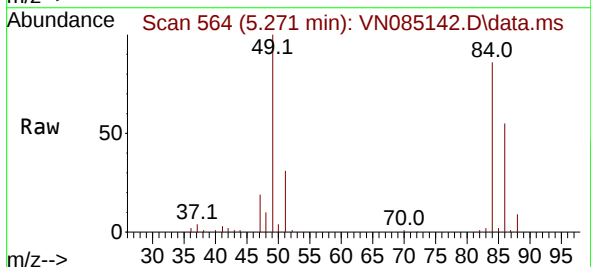
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

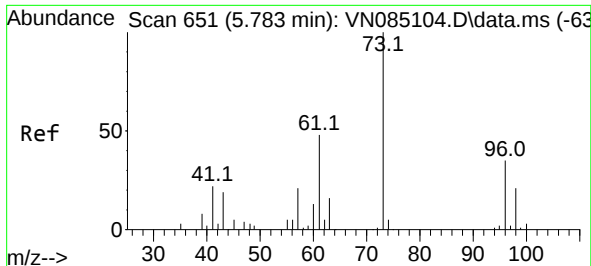
Tgt Ion: 73 Resp: 282616
Ion Ratio Lower Upper
73 100
57 21.0 17.0 25.4



#20
Methylene Chloride
Concen: 44.476 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Tgt Ion: 84 Resp: 95322
Ion Ratio Lower Upper
84 100
49 115.8 92.7 139.1
51 35.6 29.4 44.2
86 63.3 51.9 77.9

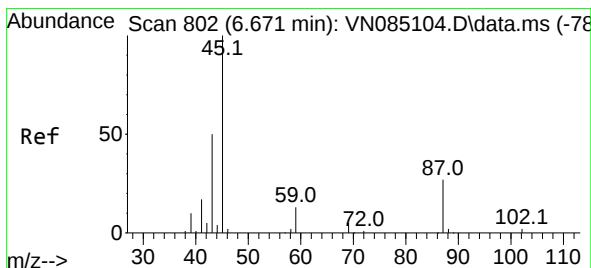
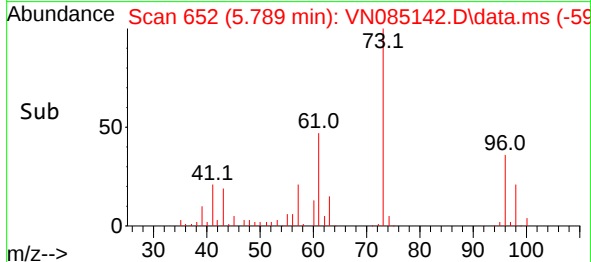
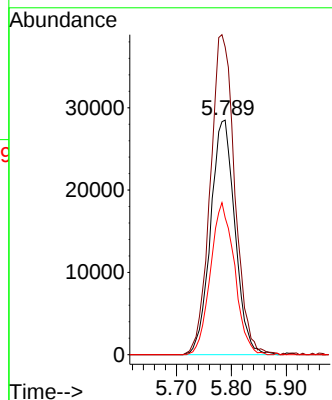
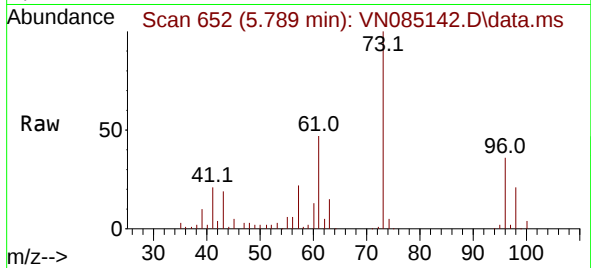




#21
trans-1,2-Dichloroethene
Concen: 46.418 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.018 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

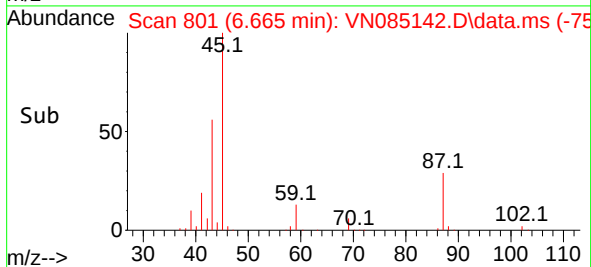
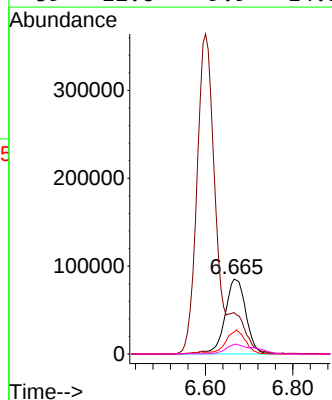
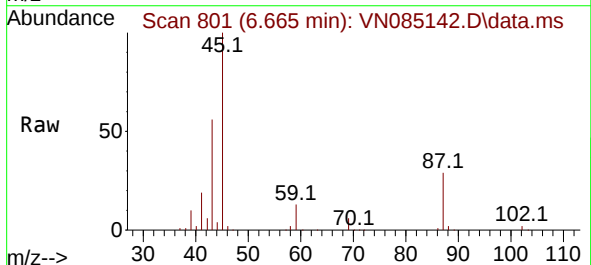
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

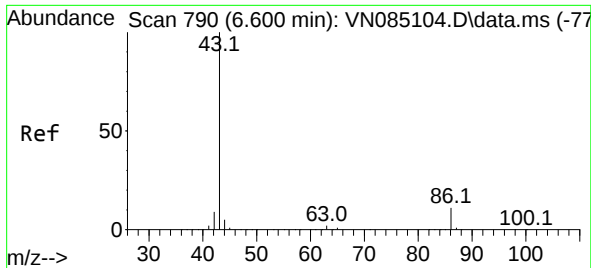
Tgt Ion: 96 Resp: 87778
Ion Ratio Lower Upper
96 100
61 131.2 100.7 151.1
98 58.4 45.8 68.6



#22
Diisopropyl ether
Concen: 46.165 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Tgt Ion: 45 Resp: 281466
Ion Ratio Lower Upper
45 100
43 54.8 42.7 64.1
87 29.1 22.6 34.0
59 12.6 9.9 14.9

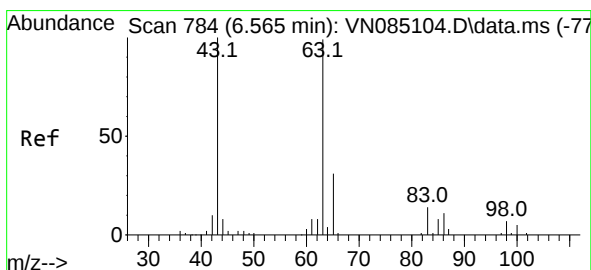
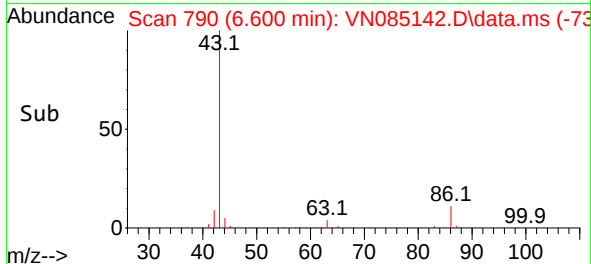
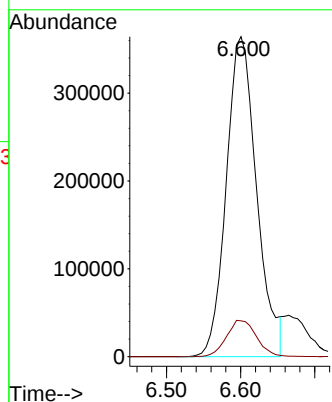
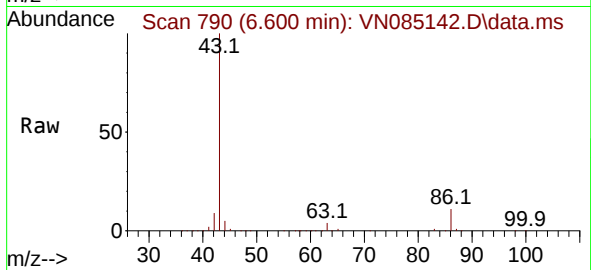




#23
 Vinyl Acetate
 Concen: 246.613 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085142.D
 Acq: 09 Dec 2024 10:32

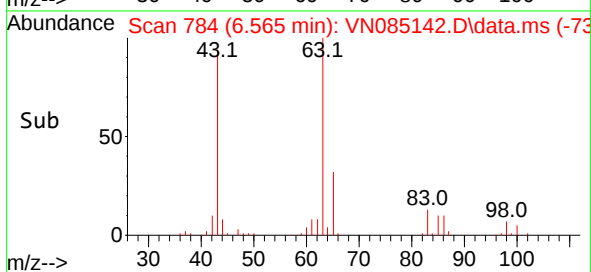
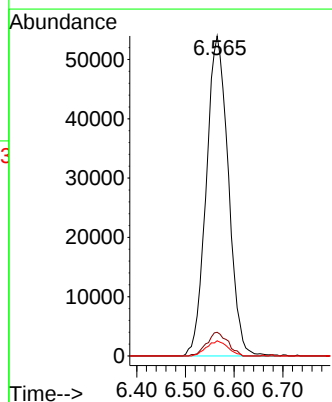
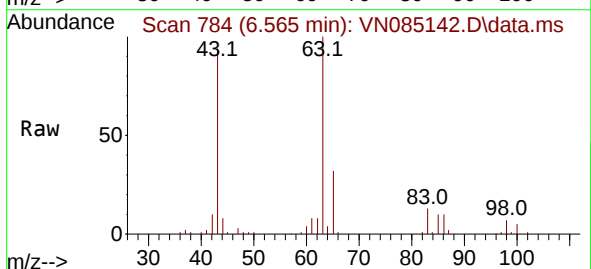
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

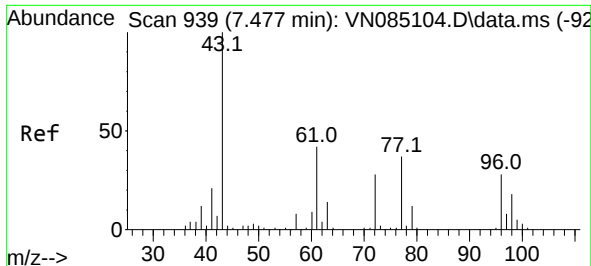
Tgt Ion: 43 Resp: 1037308
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 46.447 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.012 min
 Lab File: VN085142.D
 Acq: 09 Dec 2024 10:32

Tgt Ion: 63 Resp: 169467
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.3 9.8
 100 4.7 2.2 6.6





#25

2-Butanone

Concen: 258.973 ug/l

RT: 7.477 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN085142.D

Acq: 09 Dec 2024 10:32

Instrument :

MSVOA_N

ClientSampleId :

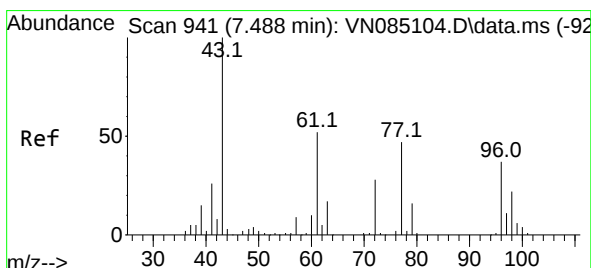
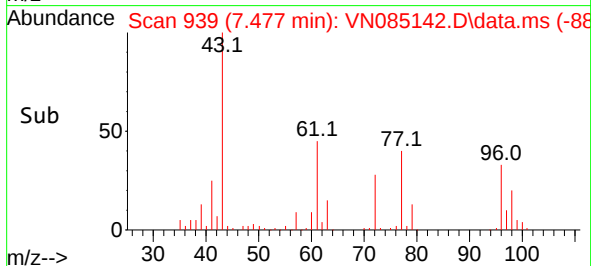
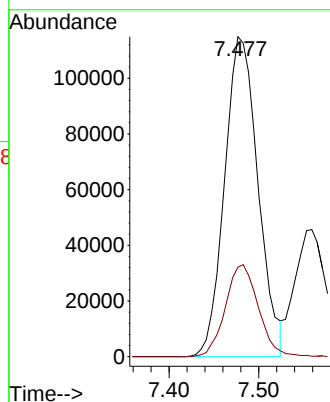
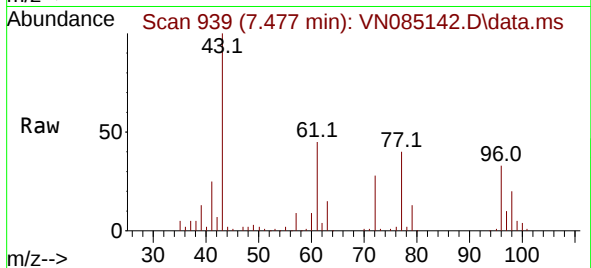
VSTDCCC050

Tgt Ion: 43 Resp: 297377

Ion Ratio Lower Upper

43 100

72 28.0 21.4 32.0



#26

2,2-Dichloropropane

Concen: 46.682 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN085142.D

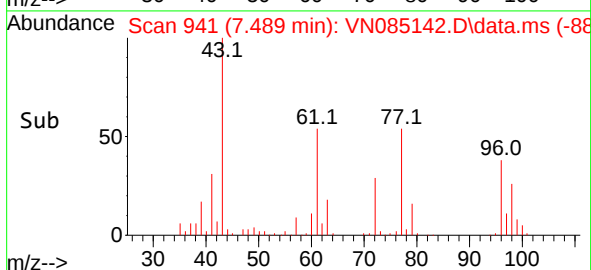
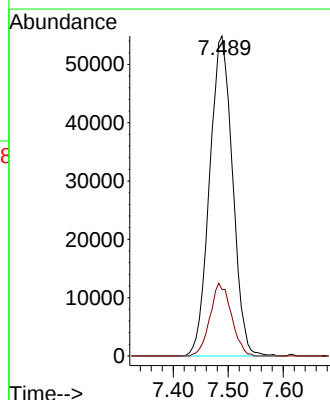
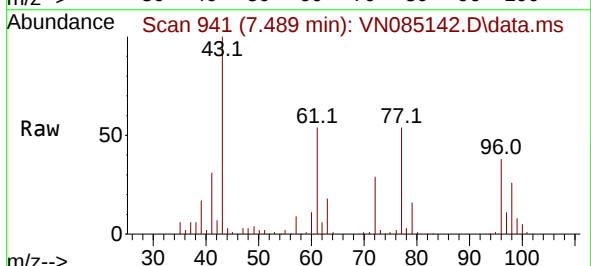
Acq: 09 Dec 2024 10:32

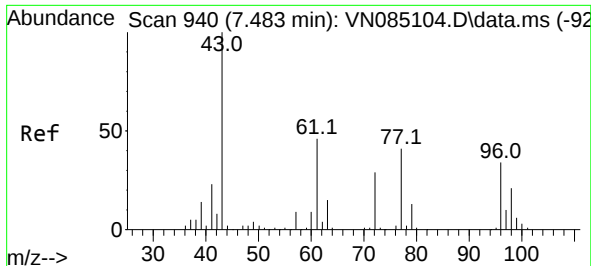
Tgt Ion: 77 Resp: 159044

Ion Ratio Lower Upper

77 100

97 21.2 10.9 32.7



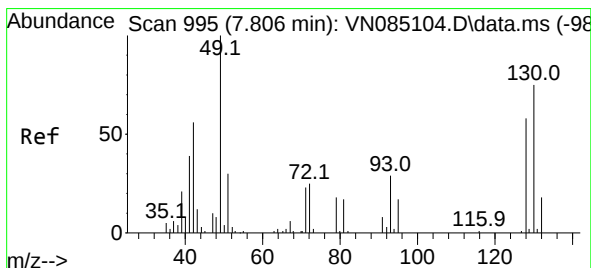
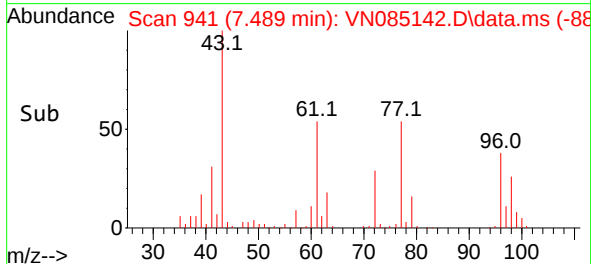
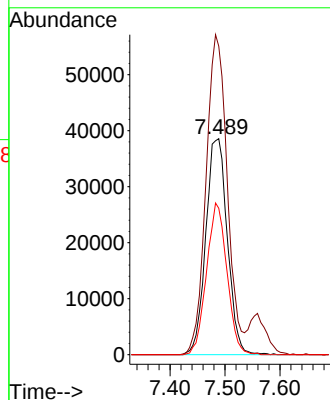
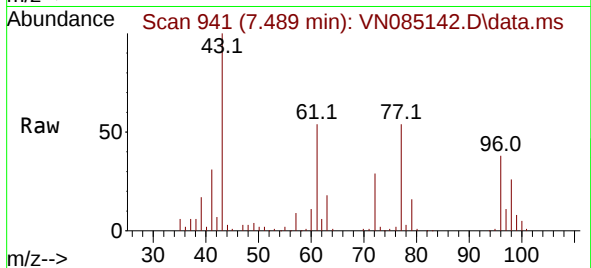


#27
 cis-1,2-Dichloroethene
 Concen: 46.131 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.012 min
 Lab File: VN085142.D
 Acq: 09 Dec 2024 10:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 105165

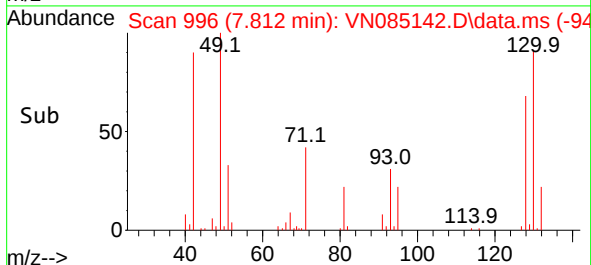
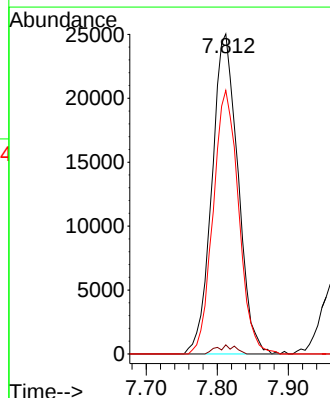
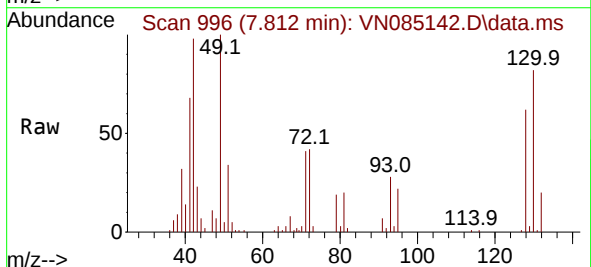
Ion	Ratio	Lower	Upper
96	100		
61	145.9	0.0	291.6
98	66.4	0.0	129.8

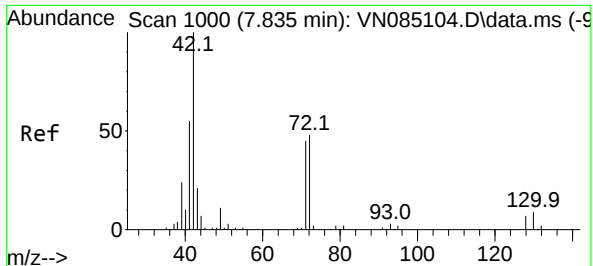


#28
 Bromochloromethane
 Concen: 46.274 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085142.D
 Acq: 09 Dec 2024 10:32

Tgt Ion: 49 Resp: 63733

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	80.5	60.6	90.8





#29

Tetrahydrofuran

Concen: 257.747 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN085142.D

Acq: 09 Dec 2024 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

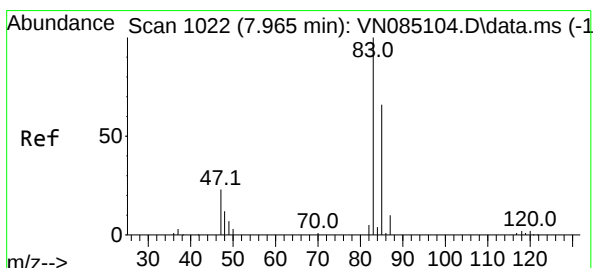
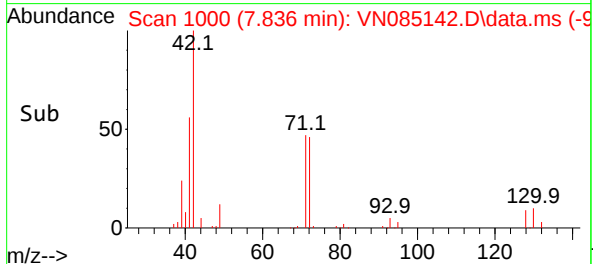
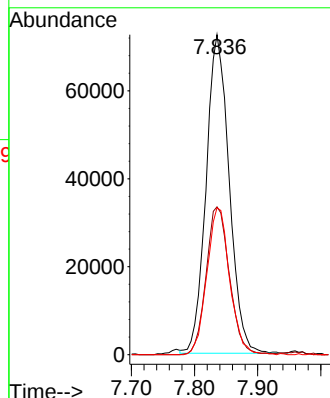
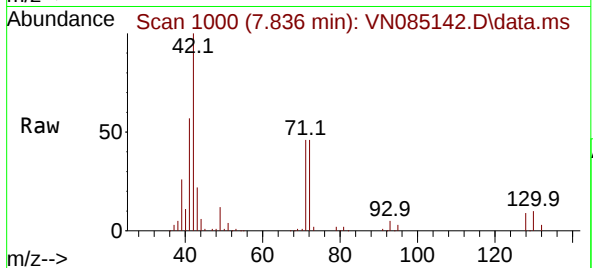
Tgt Ion: 42 Resp: 184053

Ion Ratio Lower Upper

42 100

72 46.9 37.0 55.4

71 45.6 35.0 52.4



#30

Chloroform

Concen: 47.401 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN085142.D

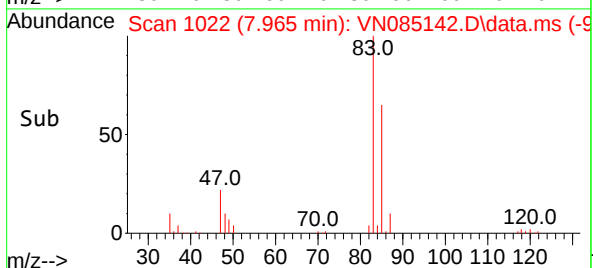
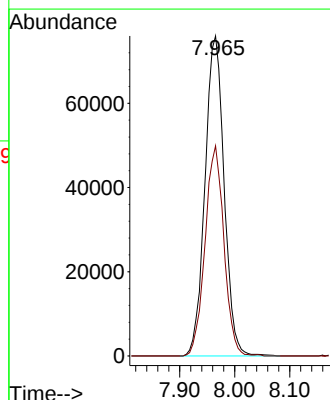
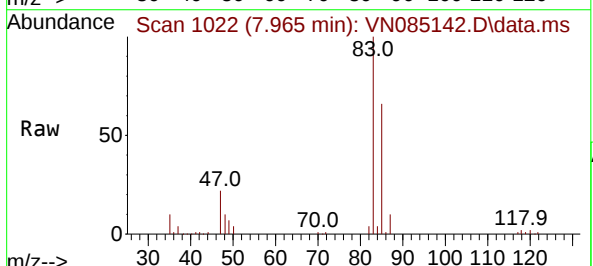
Acq: 09 Dec 2024 10:32

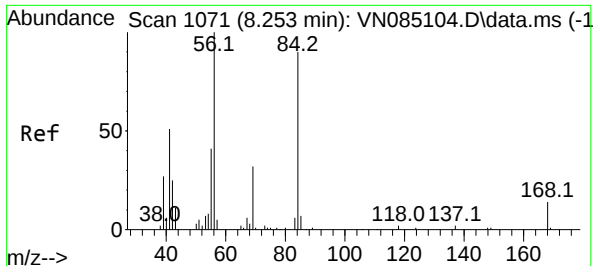
Tgt Ion: 83 Resp: 183970

Ion Ratio Lower Upper

83 100

85 65.7 52.6 78.8





#31

Cyclohexane

Concen: 43.877 ug/l

RT: 8.253 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN085142.D

Acq: 09 Dec 2024 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

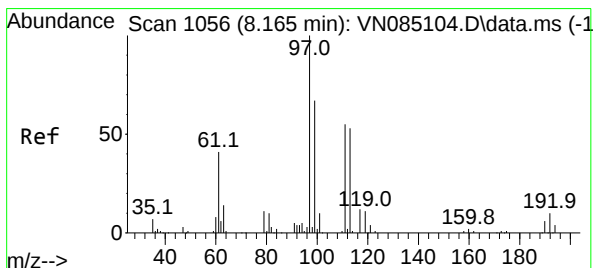
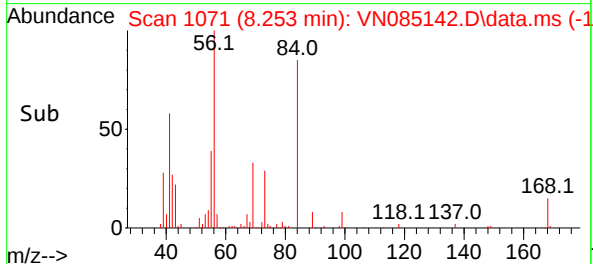
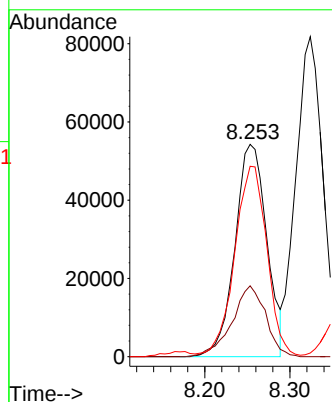
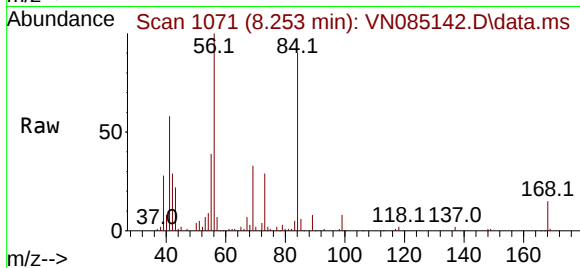
Tgt Ion: 56 Resp: 140953

Ion Ratio Lower Upper

56 100

69 33.4 24.6 36.8

84 87.4 71.4 107.2



#32

1,1,1-Trichloroethane

Concen: 47.089 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085142.D

Acq: 09 Dec 2024 10:32

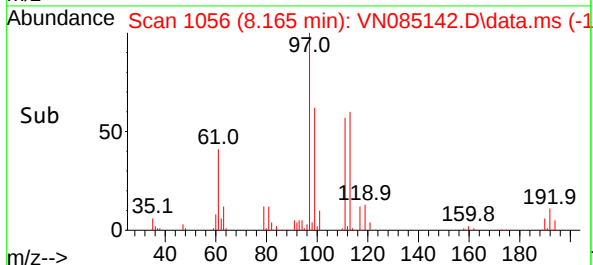
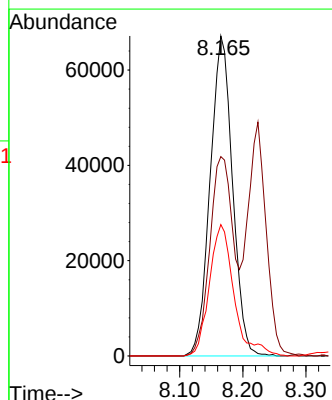
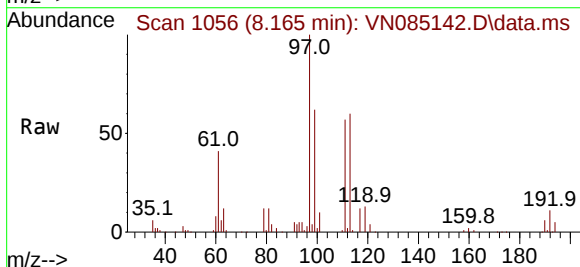
Tgt Ion: 97 Resp: 165151

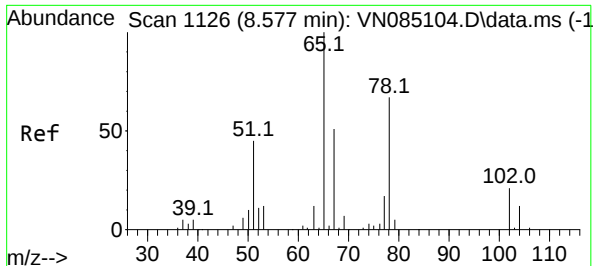
Ion Ratio Lower Upper

97 100

99 65.9 51.0 76.4

61 45.1 36.2 54.2





#33

1,2-Dichloroethane-d4

Concen: 47.569 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN085142.D

Acq: 09 Dec 2024 10:32

Instrument :

MSVOA_N

ClientSampleId :

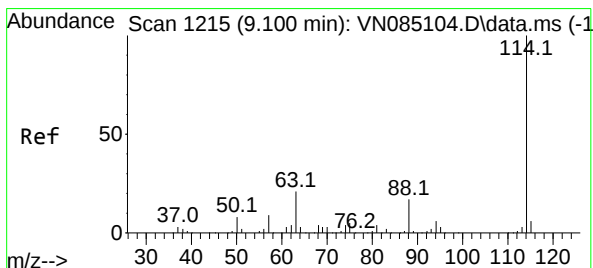
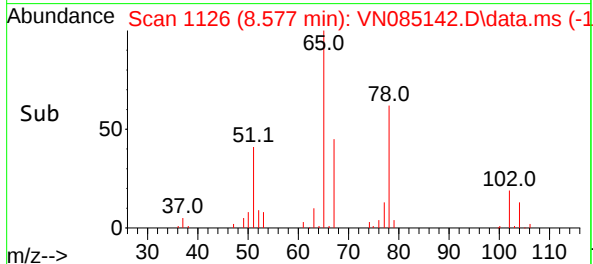
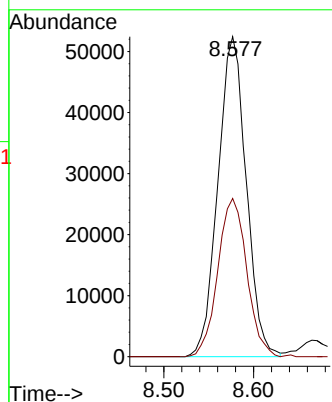
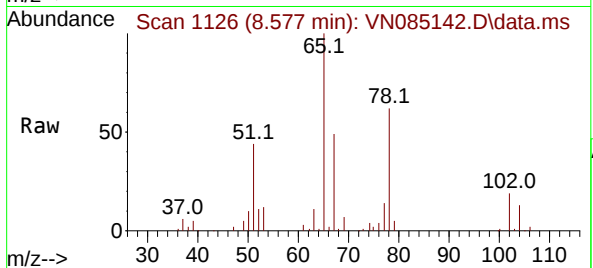
VSTDCCC050

Tgt Ion: 65 Resp: 114719

Ion Ratio Lower Upper

65 100

67 50.6 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085142.D

Acq: 09 Dec 2024 10:32

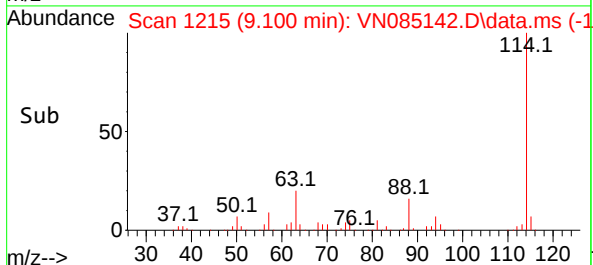
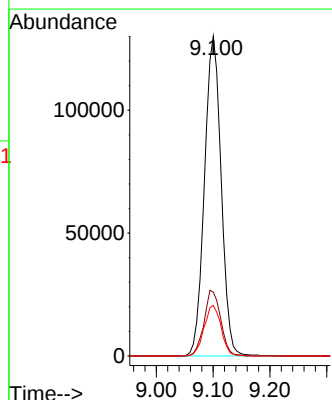
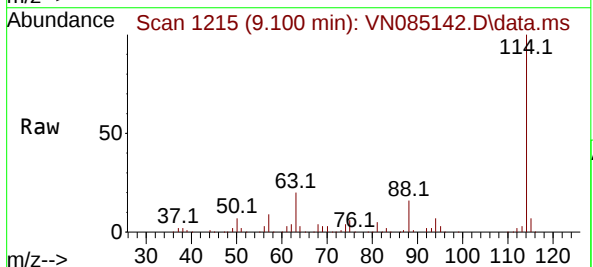
Tgt Ion: 114 Resp: 265126

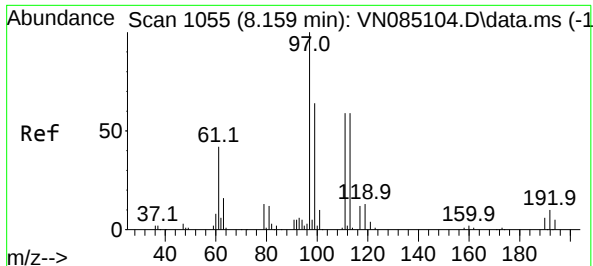
Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.0

88 15.8 0.0 34.8





#35

Dibromofluoromethane

Concen: 51.885 ug/l

RT: 8.165 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VN085142.D

Acq: 09 Dec 2024 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

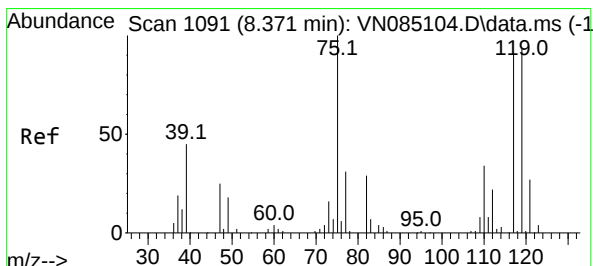
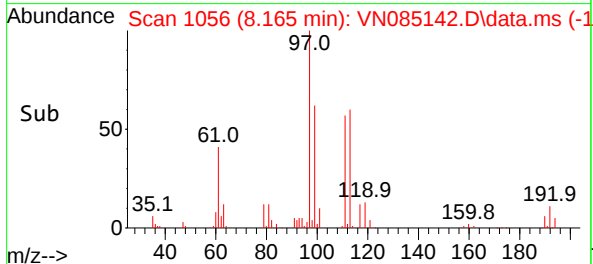
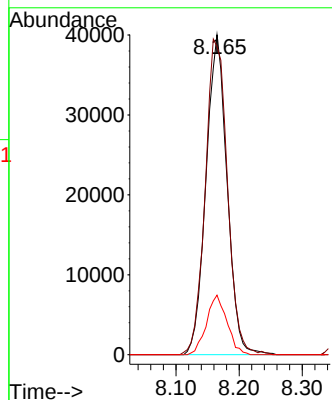
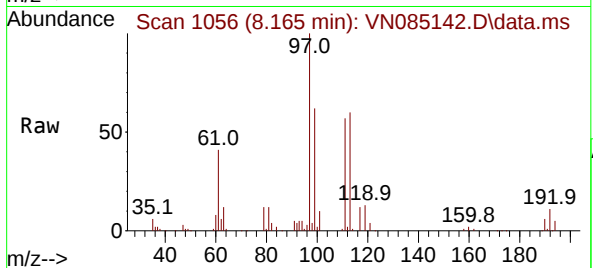
Tgt Ion:113 Resp: 92766

Ion Ratio Lower Upper

113 100

111 103.9 82.0 123.0

192 18.1 14.8 22.2



#36

1,1-Dichloropropene

Concen: 51.043 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VN085142.D

Acq: 09 Dec 2024 10:32

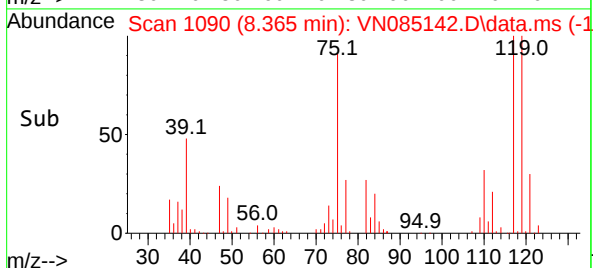
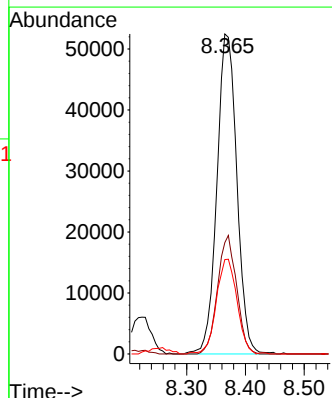
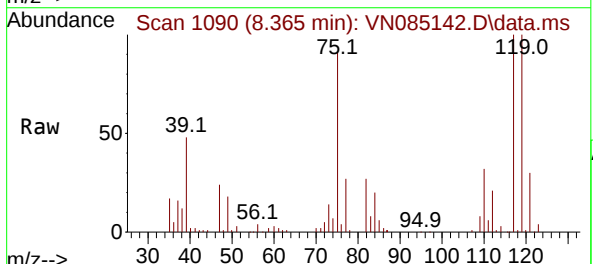
Tgt Ion: 75 Resp: 123613

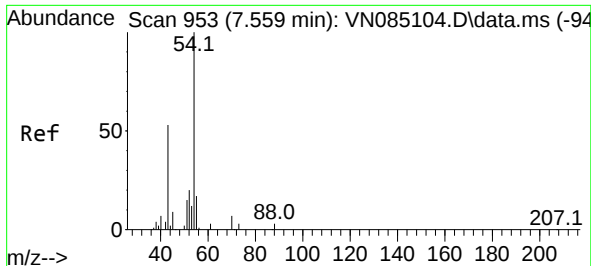
Ion Ratio Lower Upper

75 100

110 35.5 17.2 51.6

77 30.7 24.2 36.4

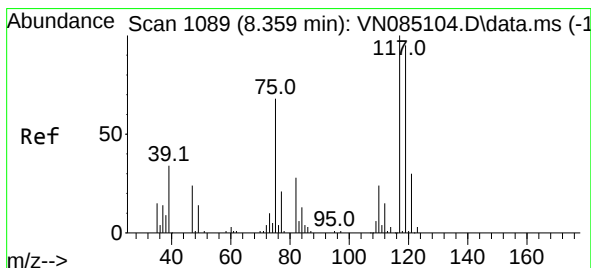
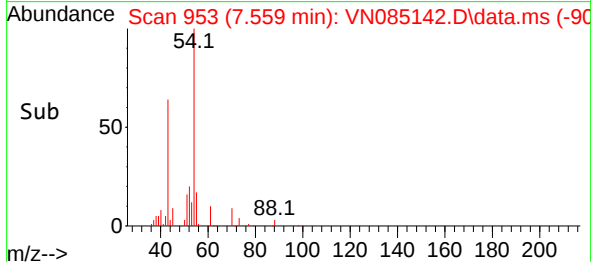
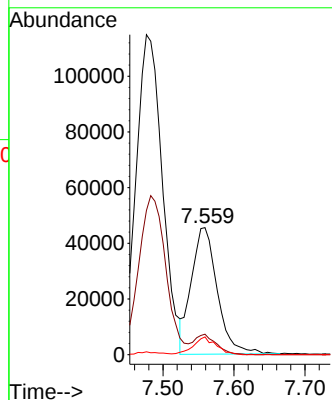
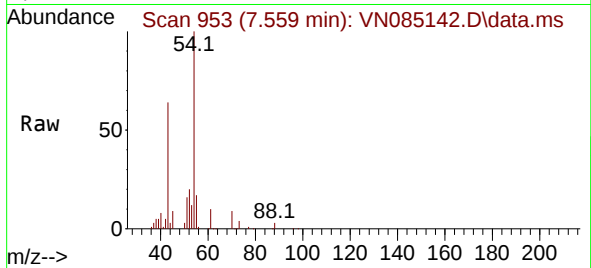




#37
Ethyl Acetate
Concen: 52.778 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

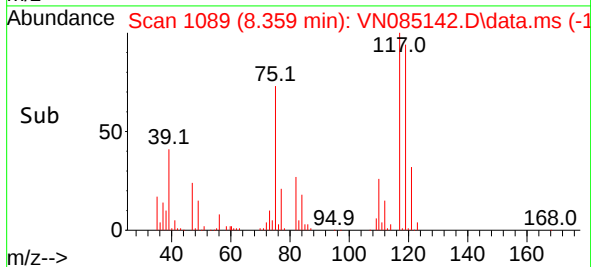
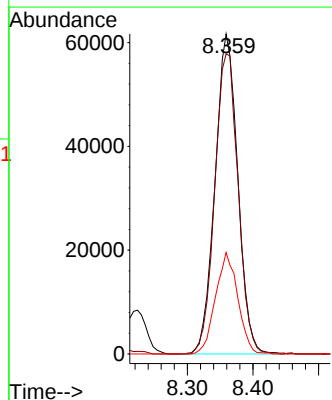
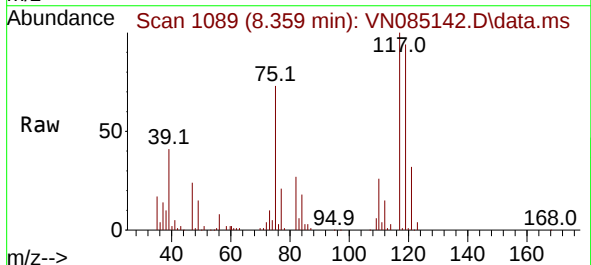
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

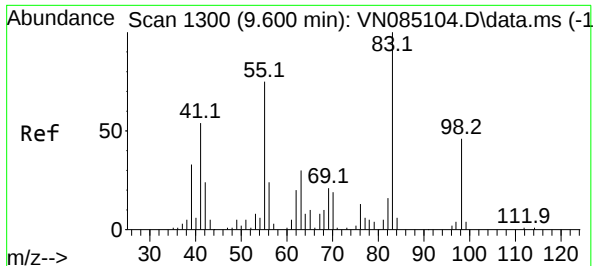
Tgt Ion: 43 Resp: 116196
Ion Ratio Lower Upper
43 100
61 13.6 11.7 17.5
70 12.2 9.3 13.9



#38
Carbon Tetrachloride
Concen: 53.041 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Tgt Ion: 117 Resp: 148269
Ion Ratio Lower Upper
117 100
119 93.8 78.6 117.8
121 31.7 24.2 36.2





#39

Methylcyclohexane

Concen: 52.424 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.006 min

Lab File: VN085142.D

Acq: 09 Dec 2024 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

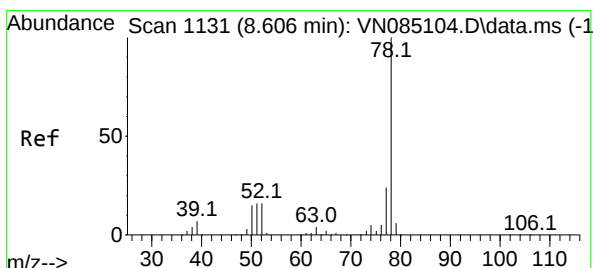
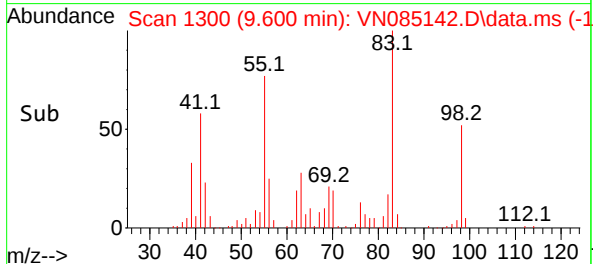
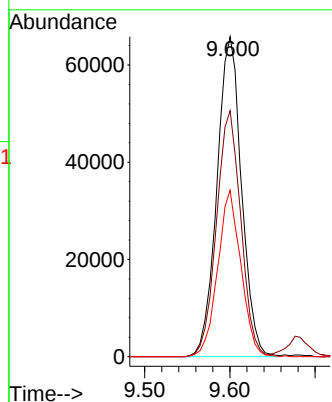
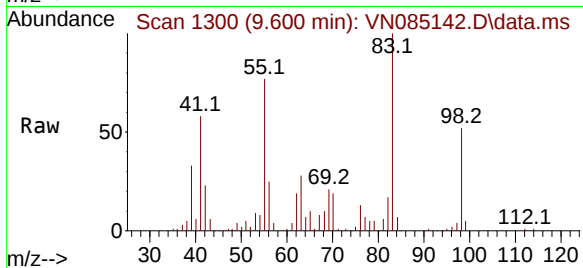
Tgt Ion: 83 Resp: 131927

Ion Ratio Lower Upper

83 100

55 76.8 61.8 92.6

98 52.0 37.0 55.6



#40

Benzene

Concen: 50.434 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN085142.D

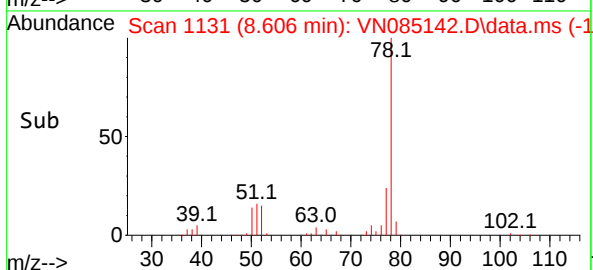
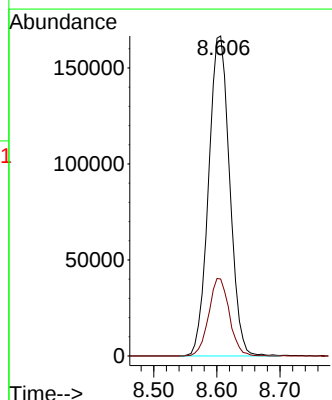
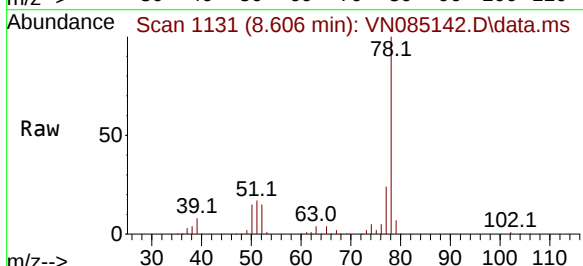
Acq: 09 Dec 2024 10:32

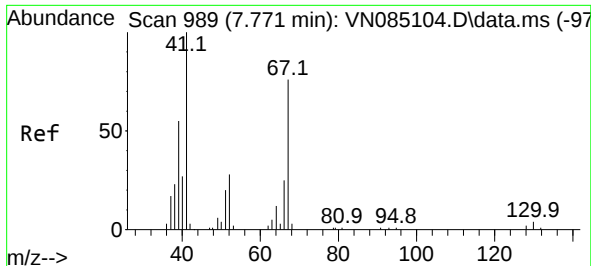
Tgt Ion: 78 Resp: 386295

Ion Ratio Lower Upper

78 100

77 24.1 18.5 27.7



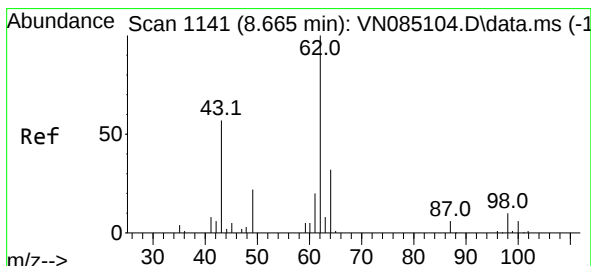
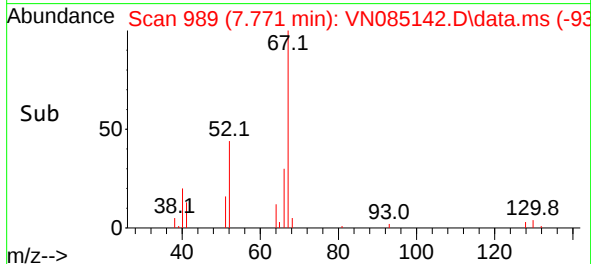
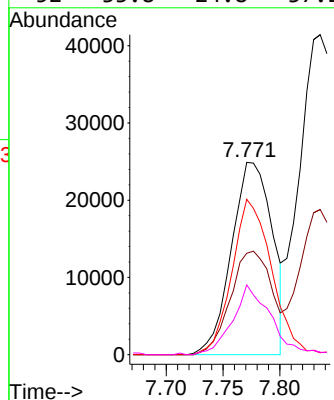
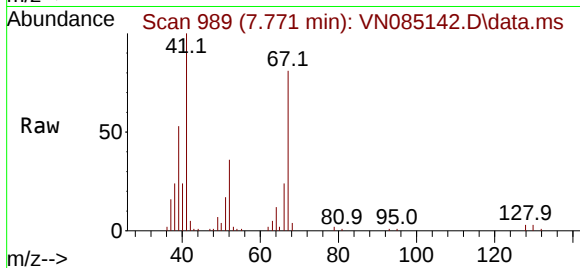


#41
Methacrylonitrile
Concen: 51.058 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 62238

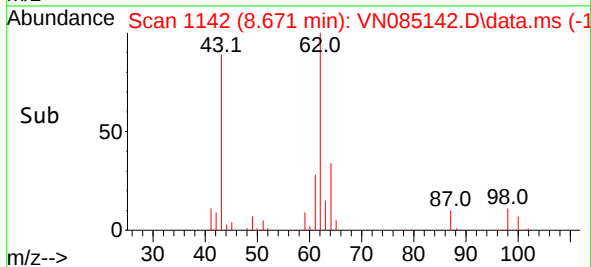
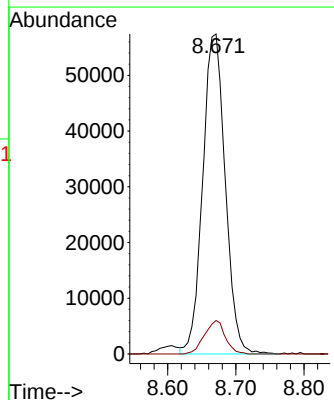
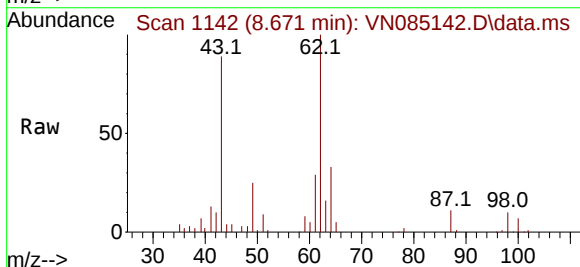
Ion	Ratio	Lower	Upper
41	100		
39	54.3	42.6	63.8
67	79.1	59.9	89.9
52	33.8	24.8	37.2

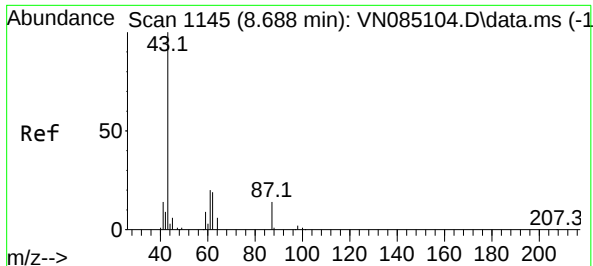


#42
1,2-Dichloroethane
Concen: 50.412 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Tgt Ion: 62 Resp: 132099

Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.2

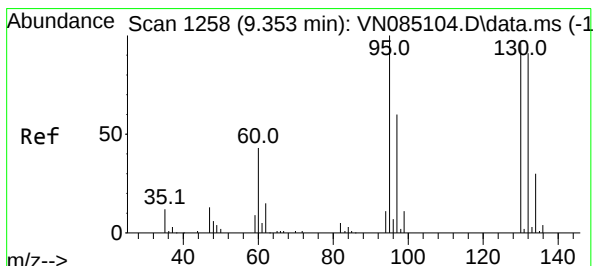
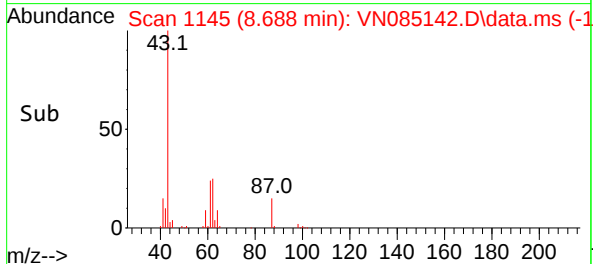
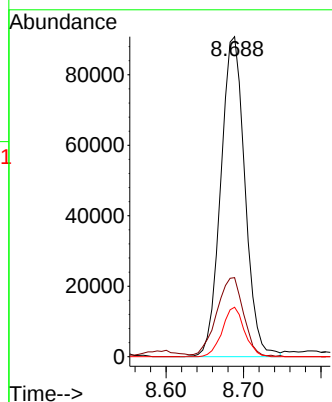
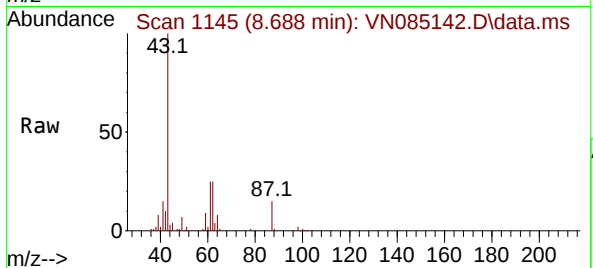




#43
Isopropyl Acetate
Concen: 43.006 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

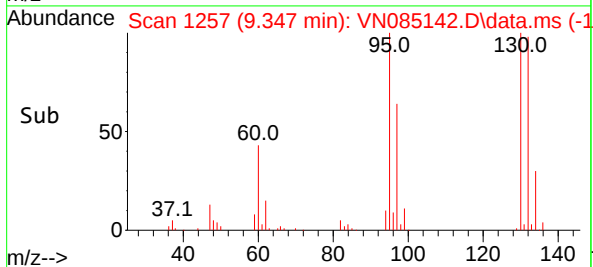
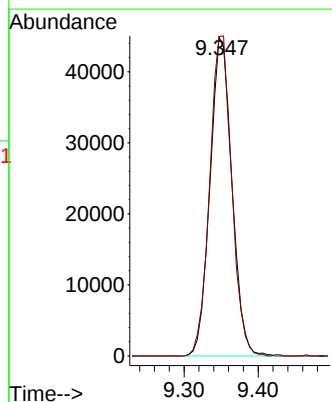
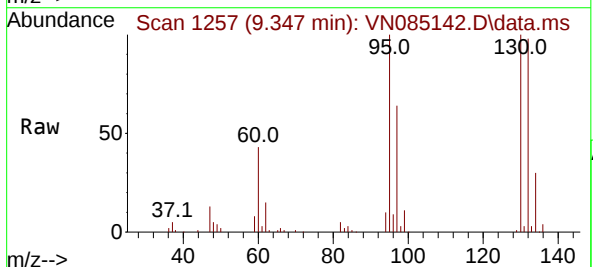
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

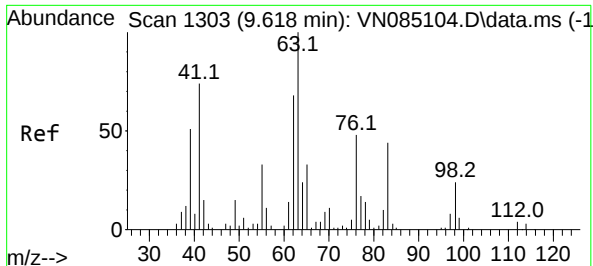
Tgt Ion: 43 Resp: 196670
Ion Ratio Lower Upper
43 100
61 27.6 20.6 30.8
87 14.2 11.0 16.4



#44
Trichloroethene
Concen: 51.660 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Tgt Ion:130 Resp: 91956
Ion Ratio Lower Upper
130 100
95 100.3 0.0 213.4





#45

1,2-Dichloropropane

Concen: 49.272 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN085142.D

Acq: 09 Dec 2024 10:32

Instrument :

MSVOA_N

ClientSampleId :

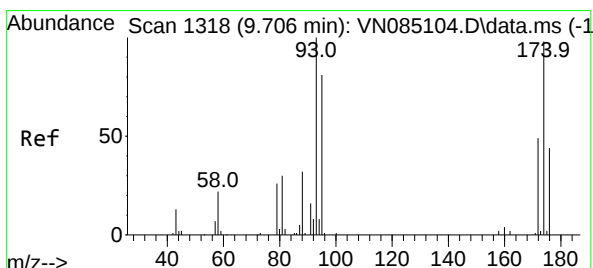
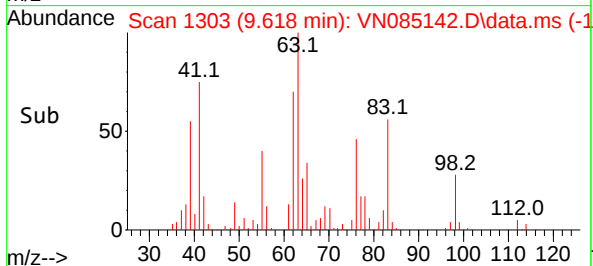
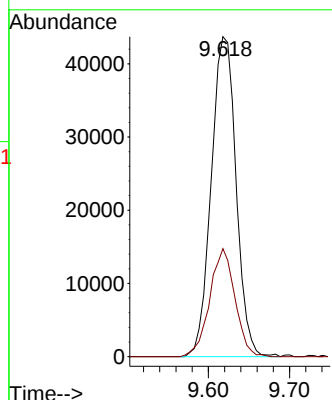
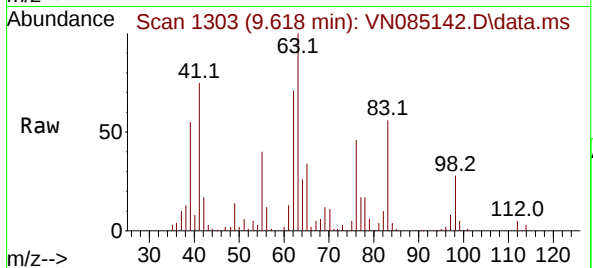
VSTDCCC050

Tgt Ion: 63 Resp: 92953

Ion Ratio Lower Upper

63 100

65 33.8 24.0 36.0



#46

Dibromomethane

Concen: 51.870 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN085142.D

Acq: 09 Dec 2024 10:32

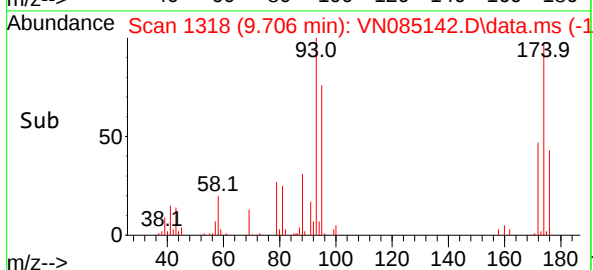
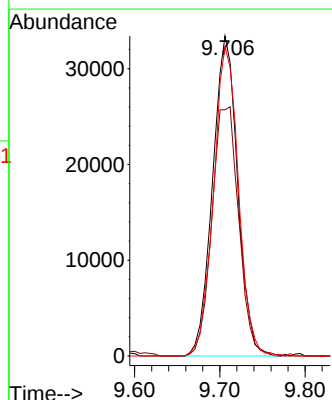
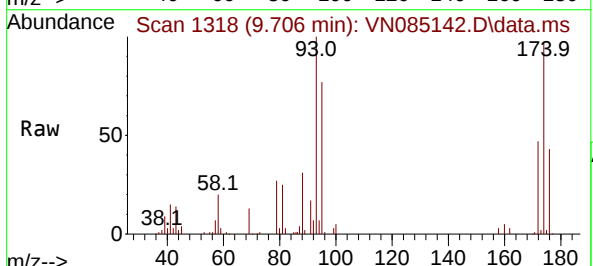
Tgt Ion: 93 Resp: 67996

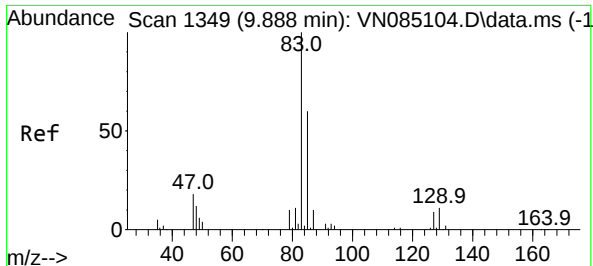
Ion Ratio Lower Upper

93 100

95 83.8 66.2 99.4

174 96.4 74.9 112.3

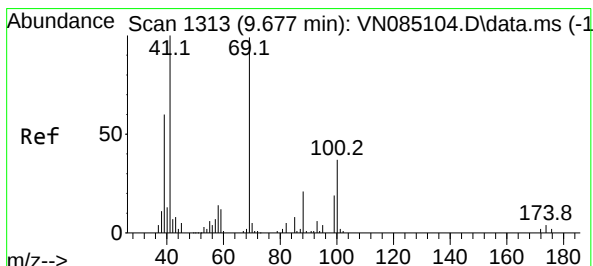
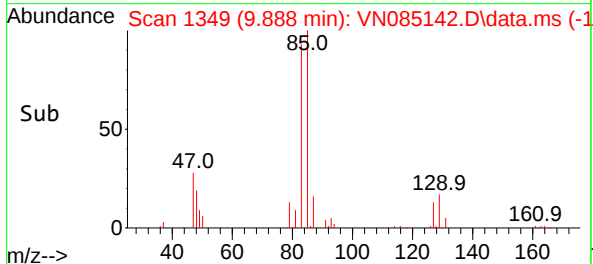
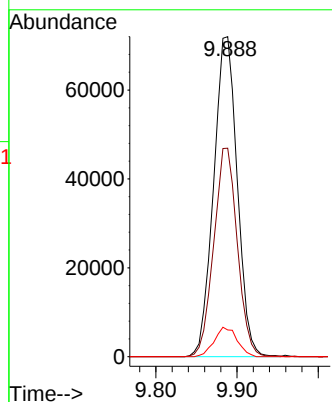
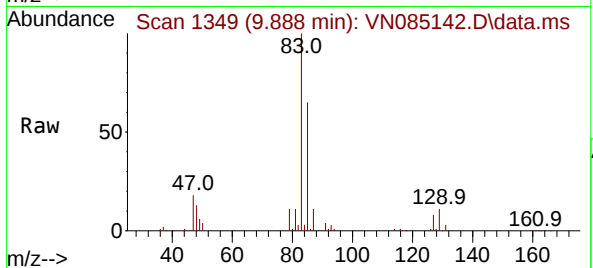




#47
Bromodichloromethane
Concen: 52.456 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

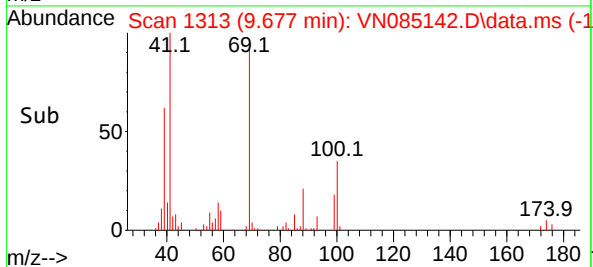
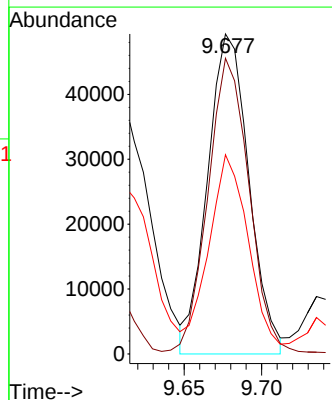
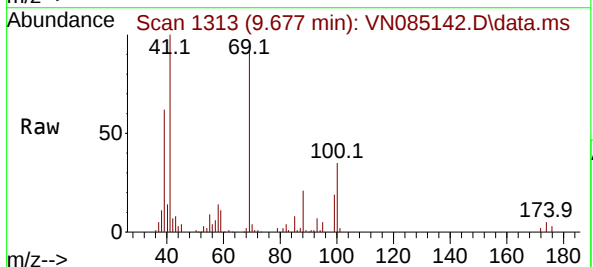
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

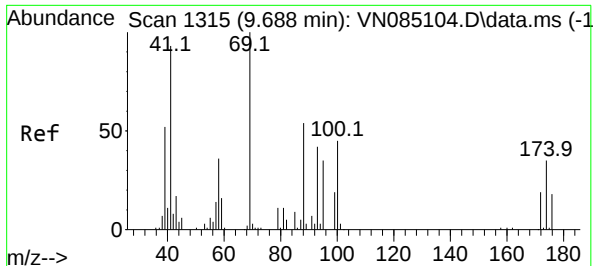
Tgt Ion: 83 Resp: 145741
Ion Ratio Lower Upper
83 100
85 65.2 50.5 75.7
127 8.3 7.1 10.7



#48
Methyl methacrylate
Concen: 53.750 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Tgt Ion: 41 Resp: 91470
Ion Ratio Lower Upper
41 100
69 92.6 73.2 109.8
39 60.3 46.2 69.4





#49

1,4-Dioxane

Concen: 1260.284 ug/l

RT: 9.694 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN085142.D

Acq: 09 Dec 2024 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

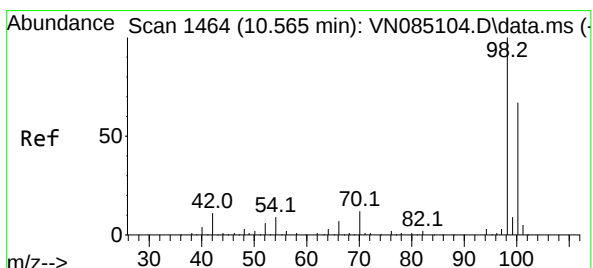
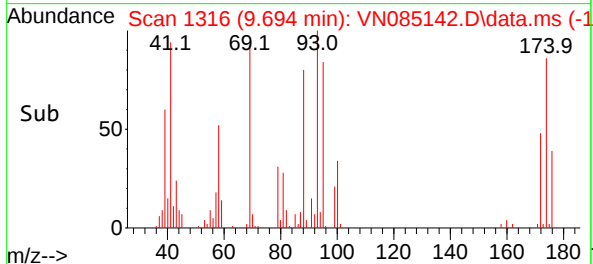
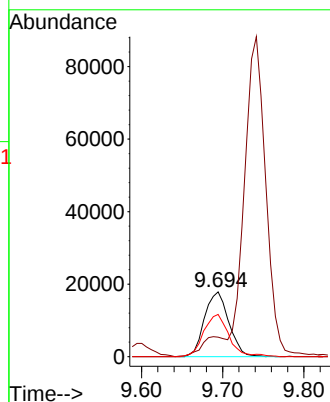
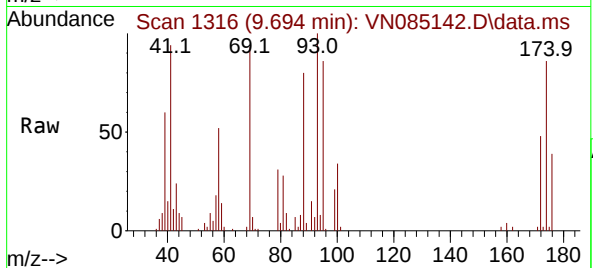
Tgt Ion: 88 Resp: 37193

Ion Ratio Lower Upper

88 100

43 32.2 16.7 25.1#

58 67.9 56.5 84.7



#50

Toluene-d8

Concen: 50.960 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085142.D

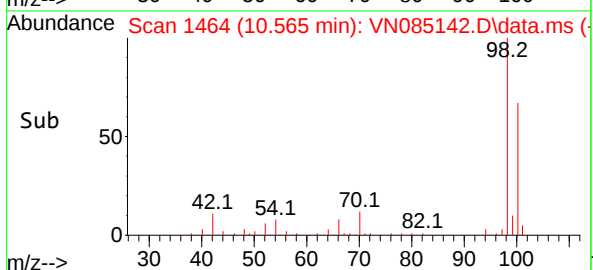
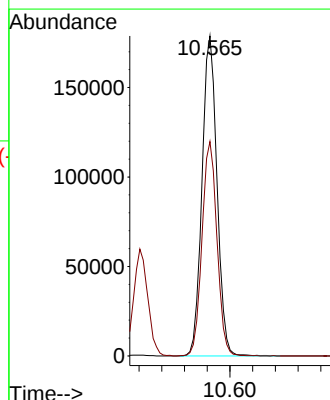
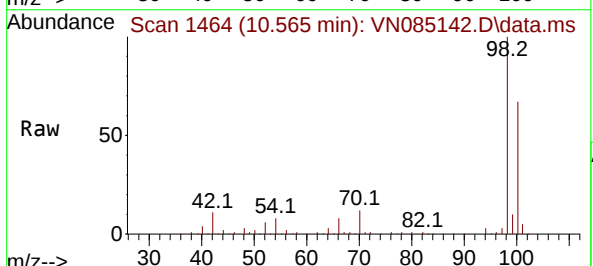
Acq: 09 Dec 2024 10:32

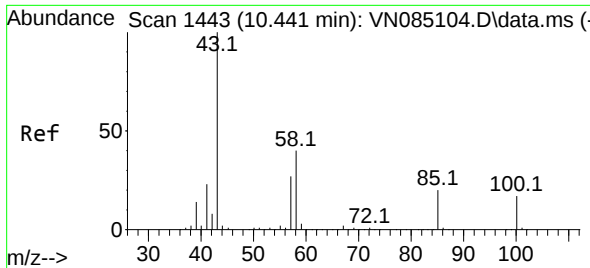
Tgt Ion: 98 Resp: 326526

Ion Ratio Lower Upper

98 100

100 67.1 52.5 78.7

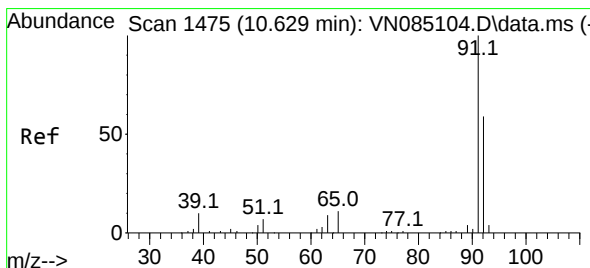
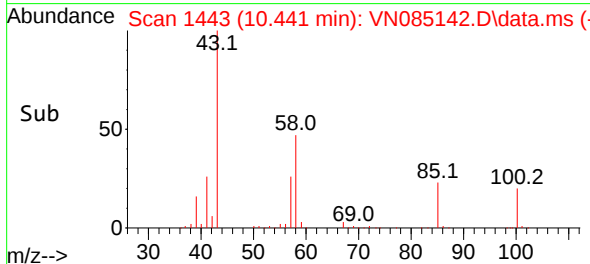
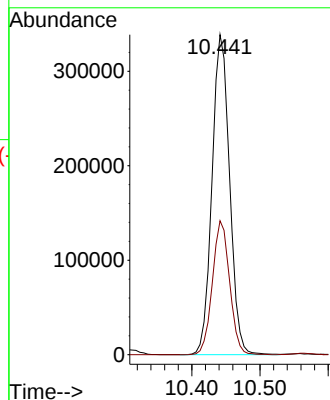
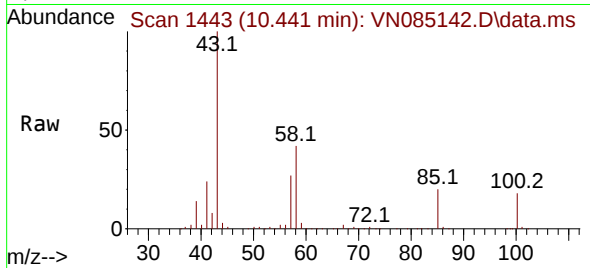




#51
4-Methyl-2-Pentanone
Concen: 291.377 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

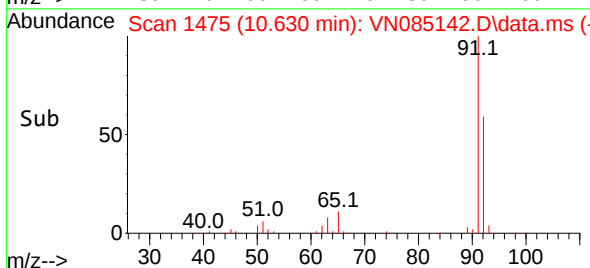
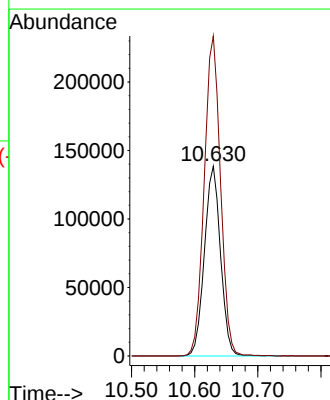
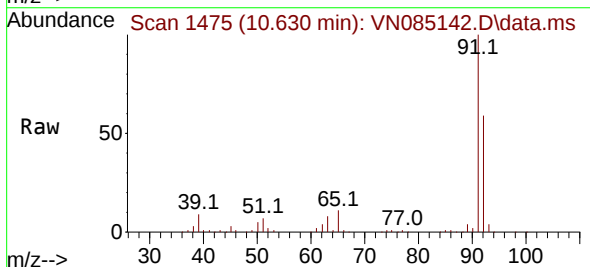
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

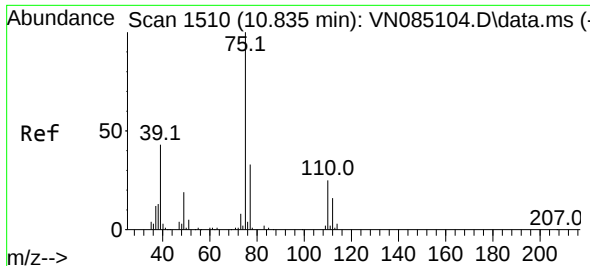
Tgt Ion: 43 Resp: 608624
Ion Ratio Lower Upper
43 100
58 41.0 32.1 48.1



#52
Toluene
Concen: 54.081 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Tgt Ion: 92 Resp: 245225
Ion Ratio Lower Upper
92 100
91 170.5 136.7 205.1

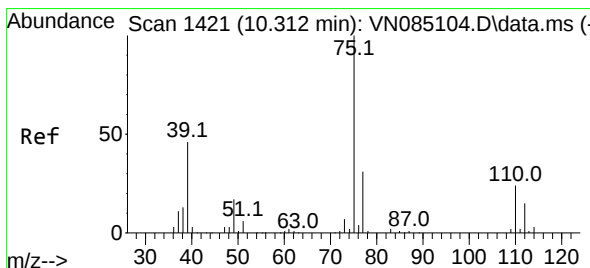
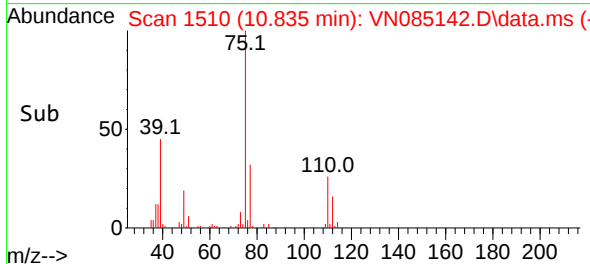
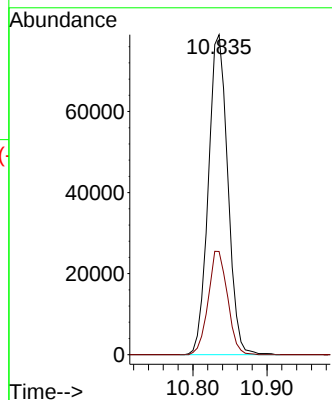
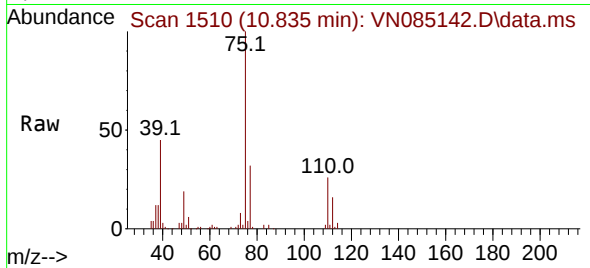




#53
t-1,3-Dichloropropene
Concen: 51.589 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

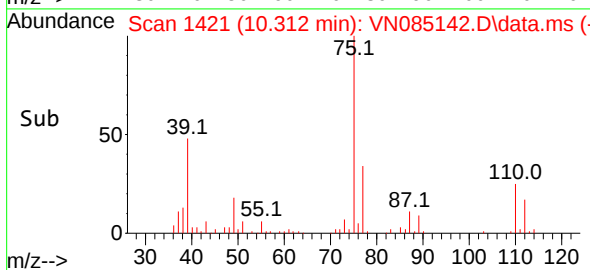
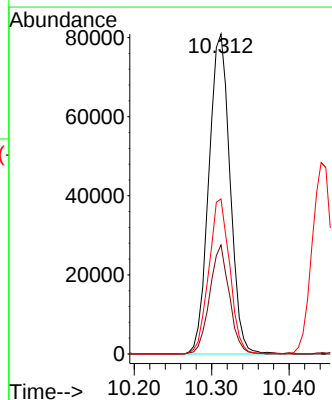
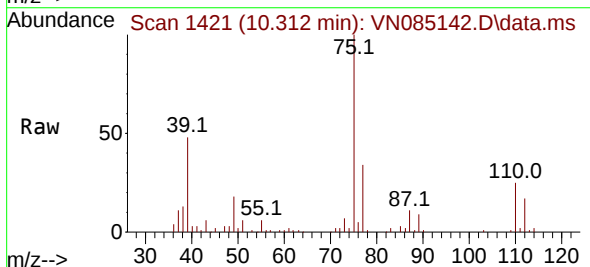
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

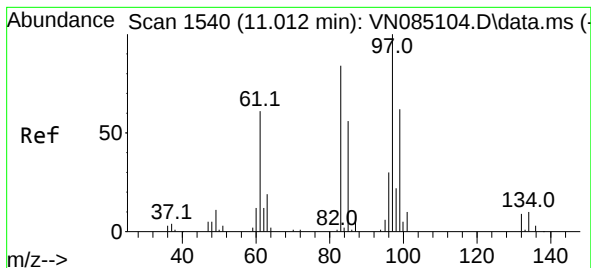
Tgt Ion: 75 Resp: 143697
Ion Ratio Lower Upper
75 100
77 32.2 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 51.984 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Tgt Ion: 75 Resp: 153615
Ion Ratio Lower Upper
75 100
77 34.0 25.0 37.4
39 48.4 37.6 56.4





#55

1,1,2-Trichloroethane

Concen: 54.241 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. -0.000 min

Lab File: VN085142.D

Acq: 09 Dec 2024 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 91610

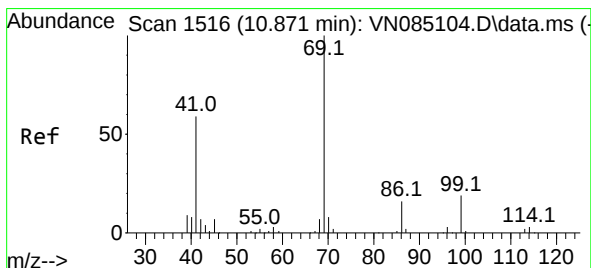
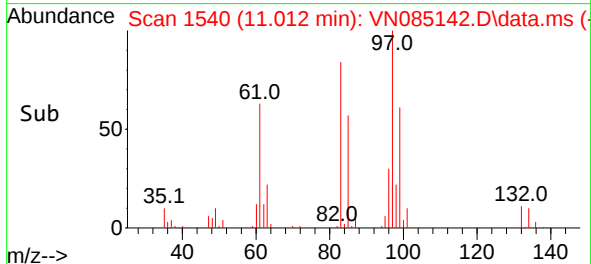
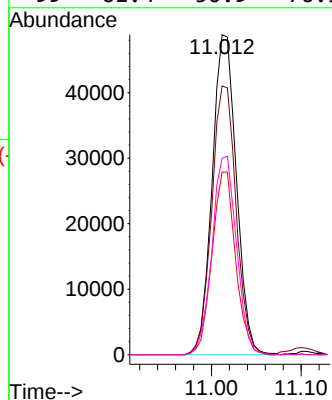
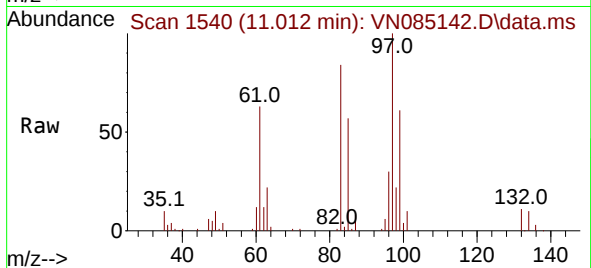
Ion Ratio Lower Upper

97 100

83 84.0 67.4 101.2

85 57.0 43.1 64.7

99 61.4 50.9 76.3



#56

Ethyl methacrylate

Concen: 58.759 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VN085142.D

Acq: 09 Dec 2024 10:32

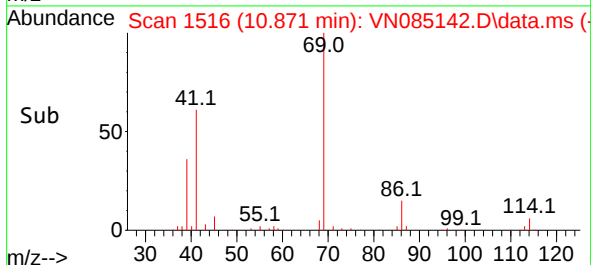
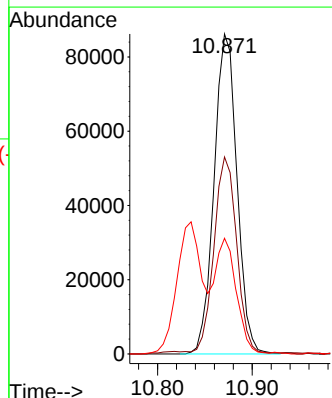
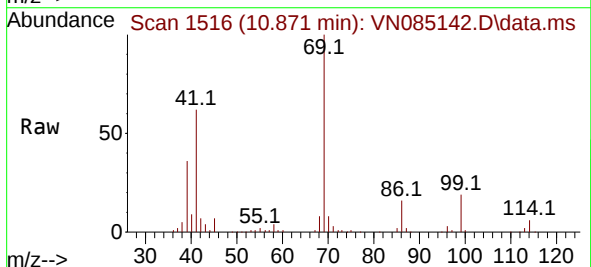
Tgt Ion: 69 Resp: 145017

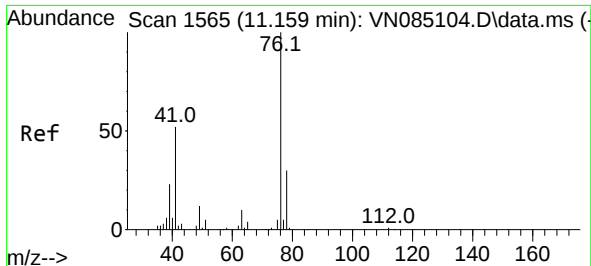
Ion Ratio Lower Upper

69 100

41 60.6 50.0 75.0

39 33.6 27.0 40.6





#57

1,3-Dichloropropane

Concen: 52.074 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085142.D

Acq: 09 Dec 2024 10:32

Instrument :

MSVOA_N

ClientSampleId :

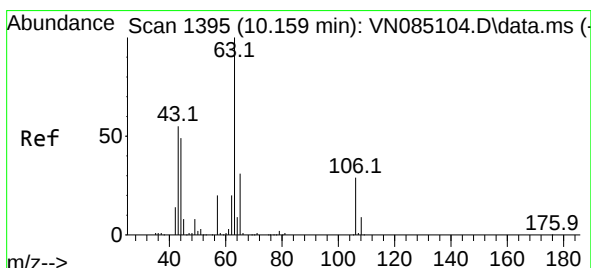
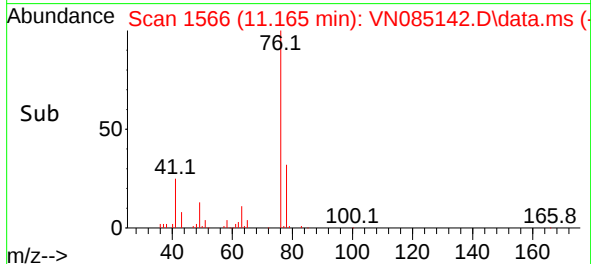
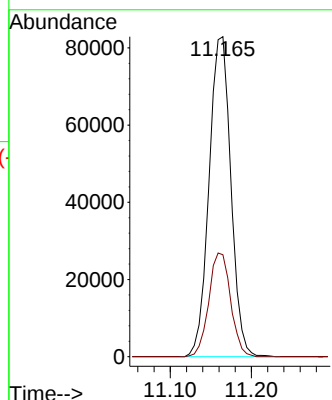
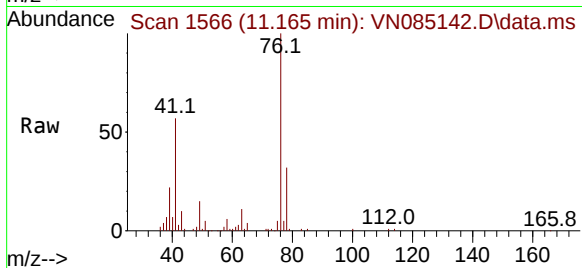
VSTDCCC050

Tgt Ion: 76 Resp: 154792

Ion Ratio Lower Upper

76 100

78 32.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 258.243 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN085142.D

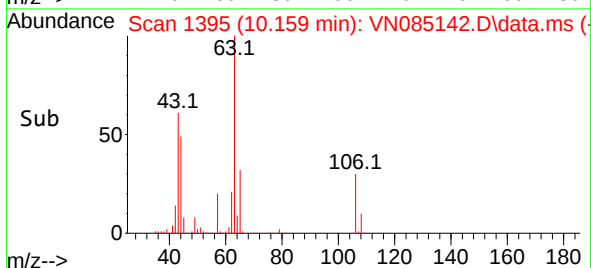
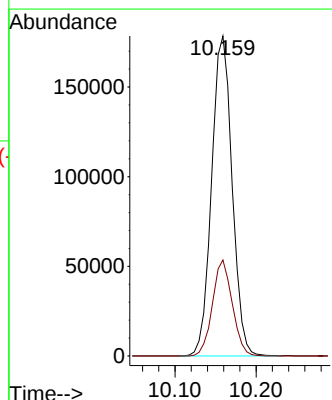
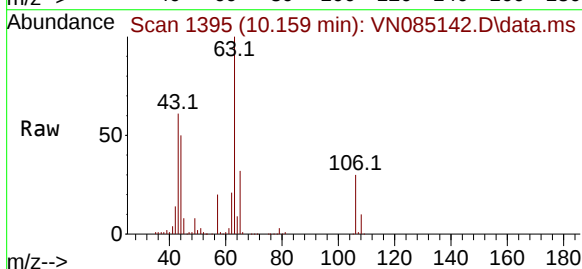
Acq: 09 Dec 2024 10:32

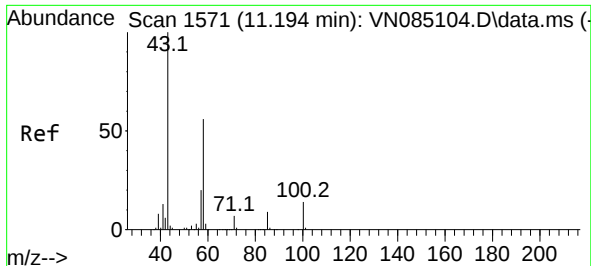
Tgt Ion: 63 Resp: 312633

Ion Ratio Lower Upper

63 100

106 29.0 23.0 34.6

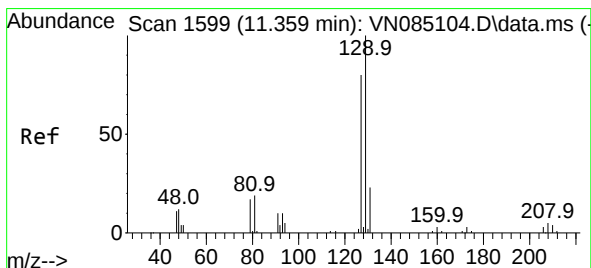
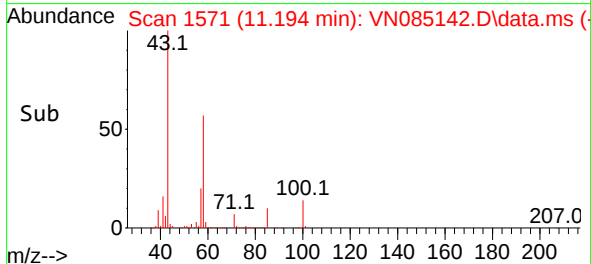
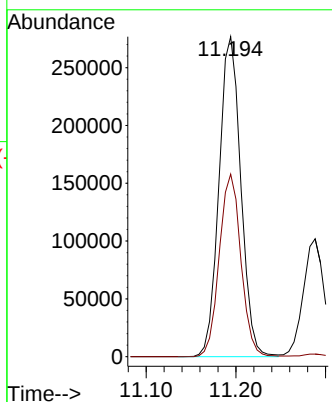
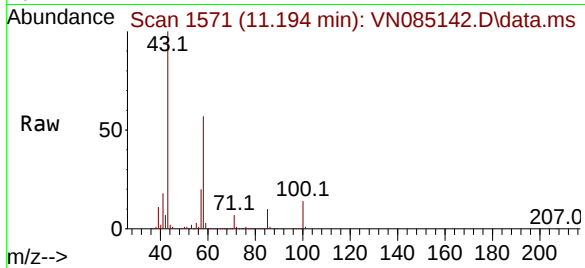




#59
2-Hexanone
Concen: 299.229 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

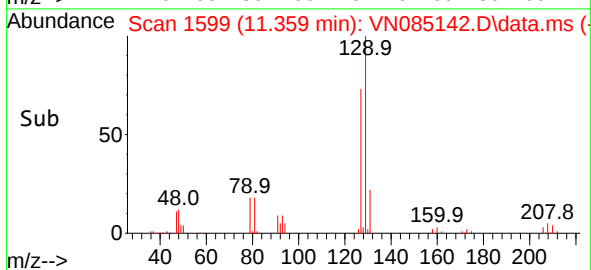
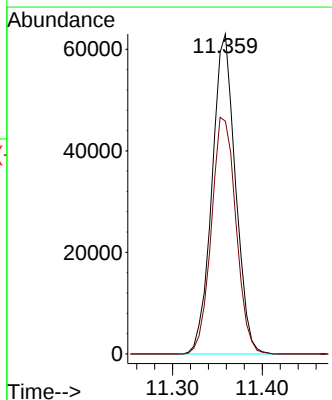
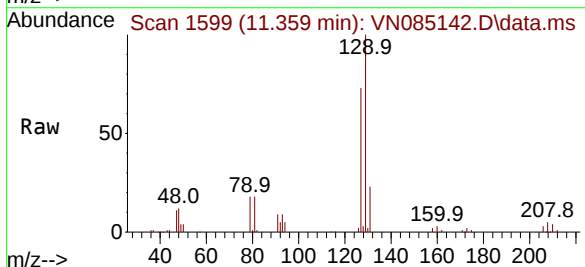
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

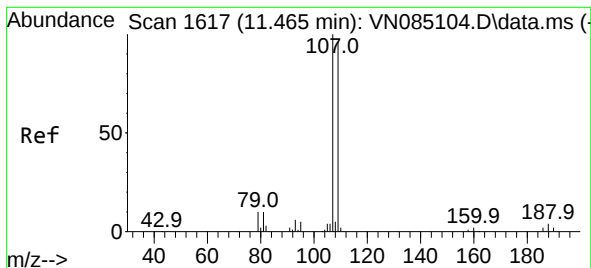
Tgt Ion: 43 Resp: 467460
Ion Ratio Lower Upper
43 100
58 56.5 28.3 85.0



#60
Dibromochloromethane
Concen: 55.238 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Tgt Ion: 129 Resp: 114019
Ion Ratio Lower Upper
129 100
127 77.6 39.2 117.6





#61

1,2-Dibromoethane

Concen: 53.317 ug/l

RT: 11.465 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN085142.D

Acq: 09 Dec 2024 10:32

Instrument :

MSVOA_N

ClientSampleId :

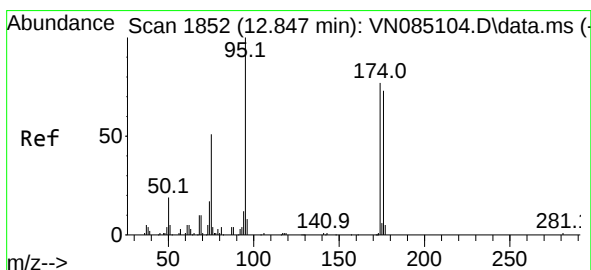
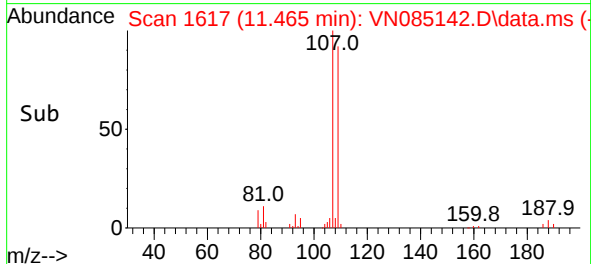
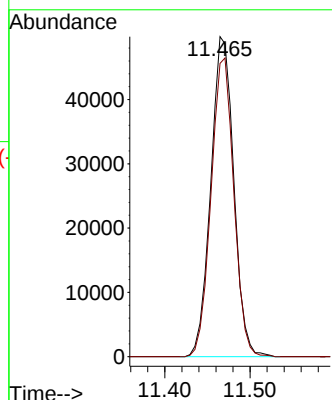
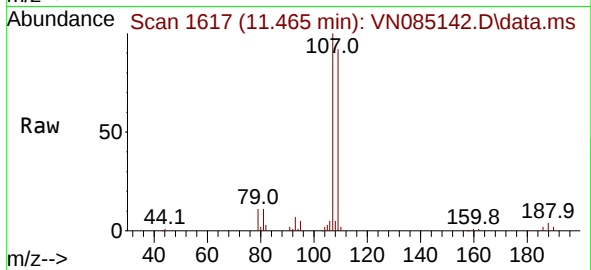
VSTDCCC050

Tgt Ion:107 Resp: 93195

Ion Ratio Lower Upper

107 100

109 92.3 76.1 114.1



#62

4-Bromofluorobenzene

Concen: 51.412 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085142.D

Acq: 09 Dec 2024 10:32

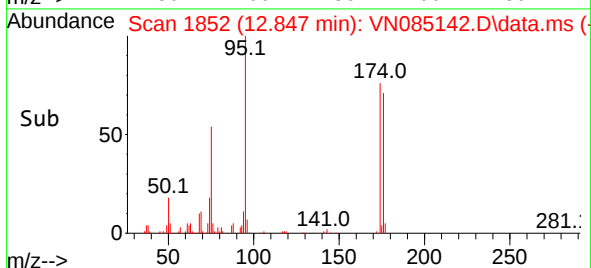
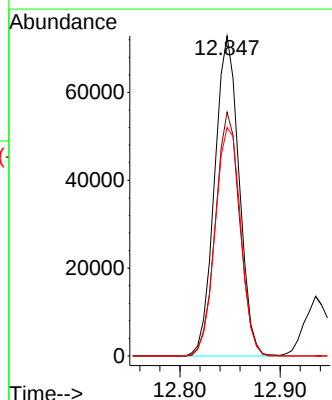
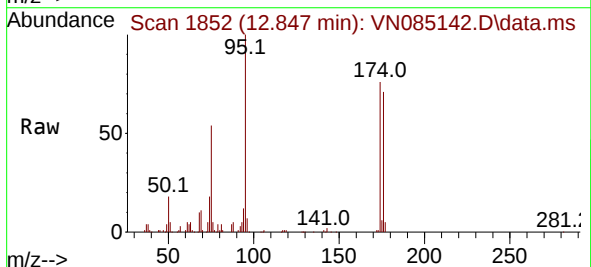
Tgt Ion: 95 Resp: 123192

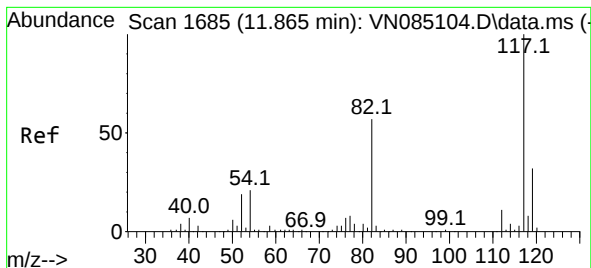
Ion Ratio Lower Upper

95 100

174 76.0 0.0 146.6

176 74.5 0.0 141.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085142.D

Acq: 09 Dec 2024 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

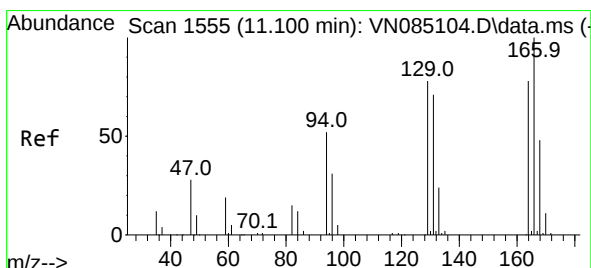
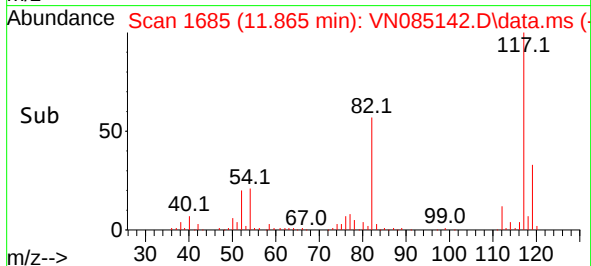
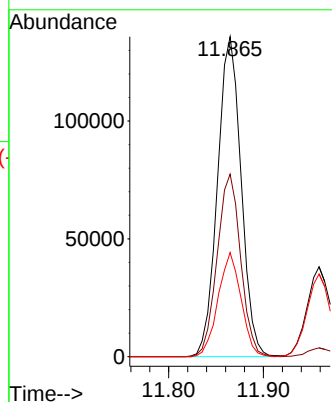
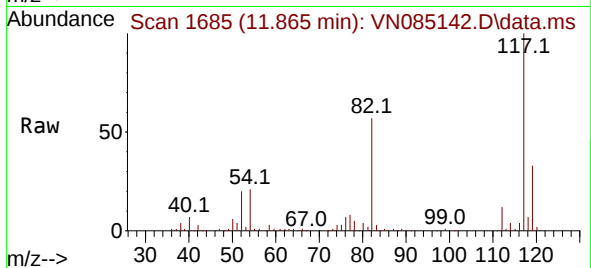
Tgt Ion:117 Resp: 235660

Ion Ratio Lower Upper

117 100

82 57.1 46.0 69.0

119 32.6 25.6 38.4



#64

Tetrachloroethene

Concen: 52.620 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VN085142.D

Acq: 09 Dec 2024 10:32

Tgt Ion:164 Resp: 83557

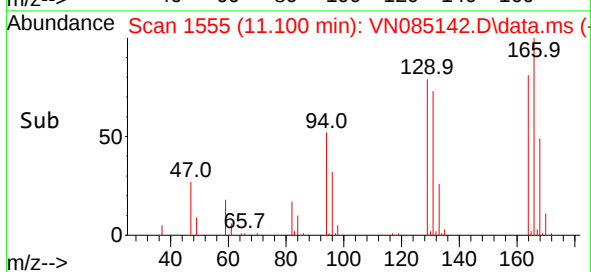
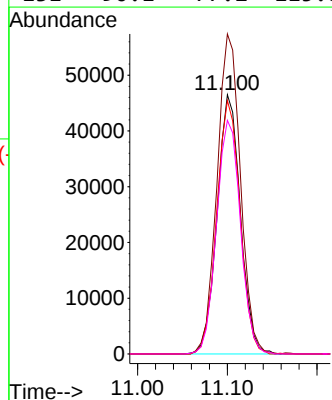
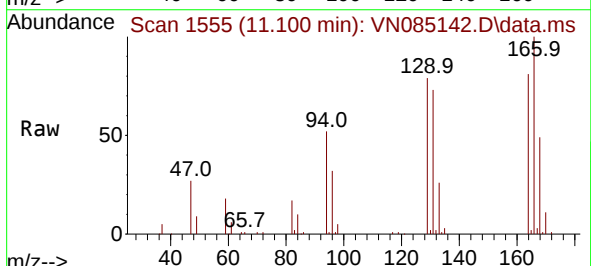
Ion Ratio Lower Upper

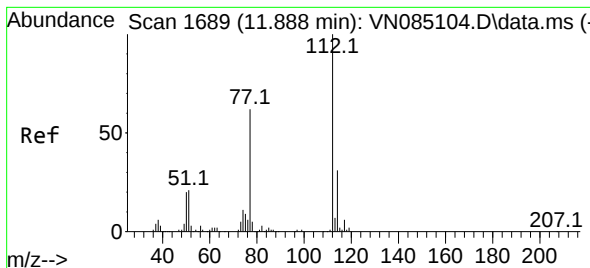
164 100

166 123.5 100.6 151.0

129 97.8 77.7 116.5

131 90.1 77.2 115.8

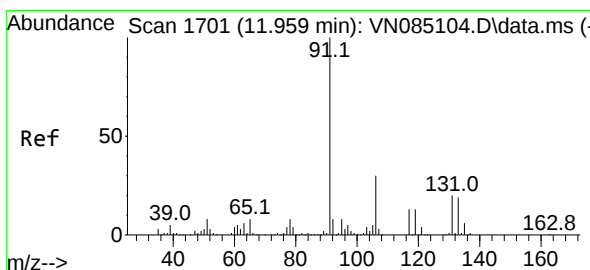
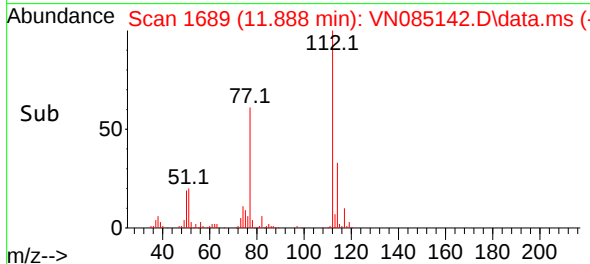
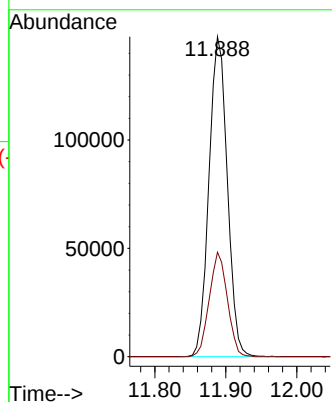
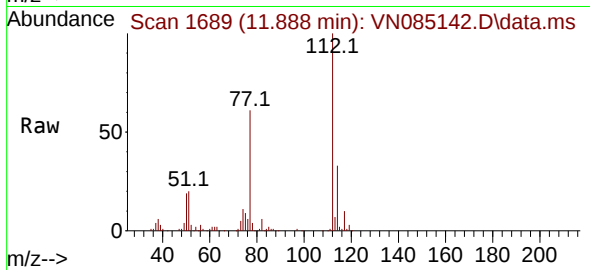




#65
Chlorobenzene
Concen: 49.550 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

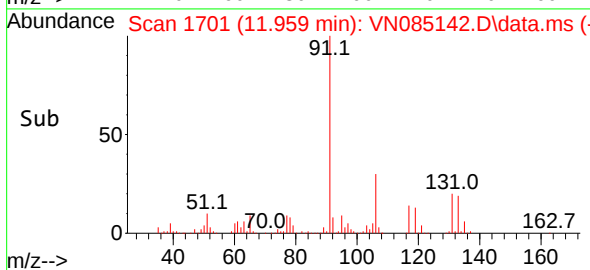
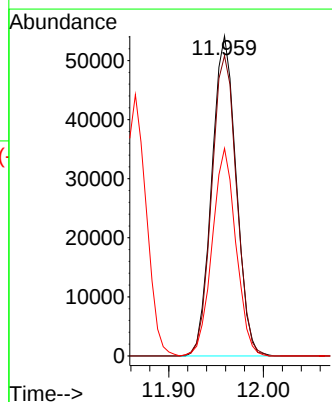
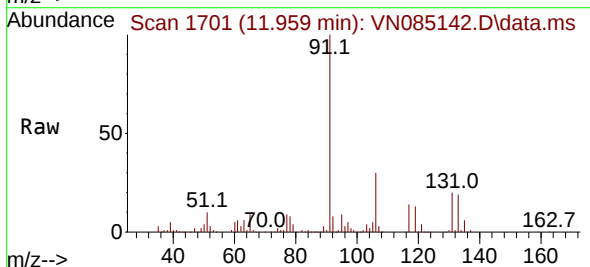
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

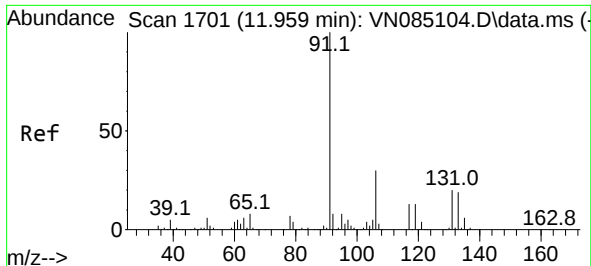
Tgt Ion:112 Resp: 264819
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.493 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Tgt Ion:131 Resp: 96896
Ion Ratio Lower Upper
131 100
133 95.9 47.8 143.4
119 63.3 32.1 96.3





#67

Ethyl Benzene

Concen: 53.779 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN085142.D

Acq: 09 Dec 2024 10:32

Instrument :

MSVOA_N

ClientSampleId :

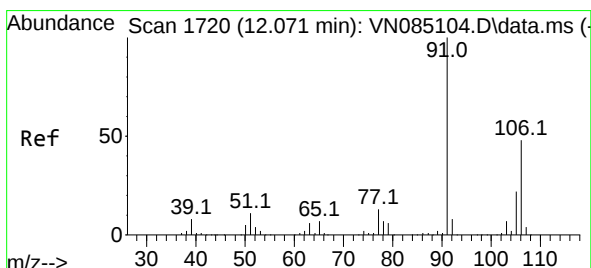
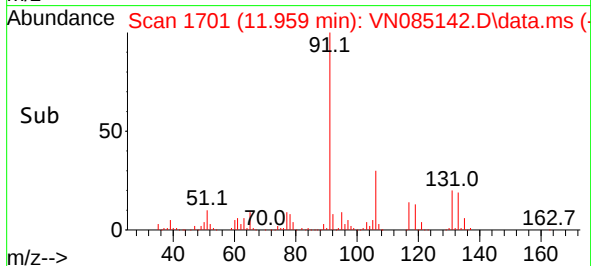
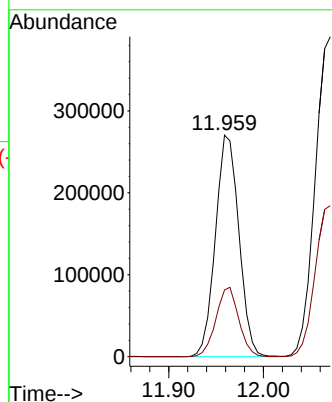
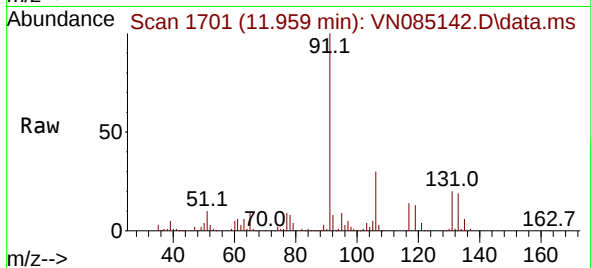
VSTDCCC050

Tgt Ion: 91 Resp: 466309

Ion Ratio Lower Upper

91 100

106 30.1 24.7 37.1



#68

m/p-Xylenes

Concen: 109.841 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN085142.D

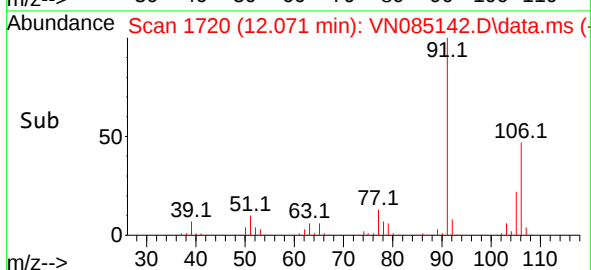
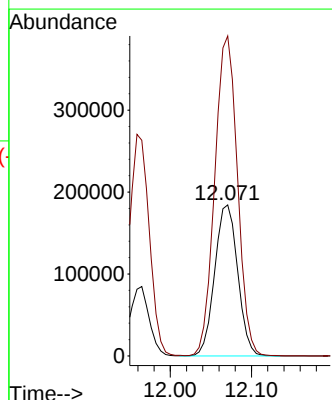
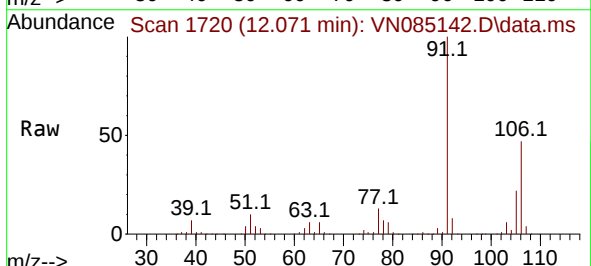
Acq: 09 Dec 2024 10:32

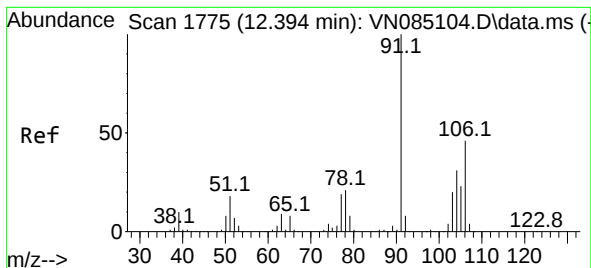
Tgt Ion:106 Resp: 362598

Ion Ratio Lower Upper

106 100

91 209.6 168.0 252.0





#69

o-Xylene

Concen: 53.945 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN085142.D

Acq: 09 Dec 2024 10:32

Instrument :

MSVOA_N

ClientSampleId :

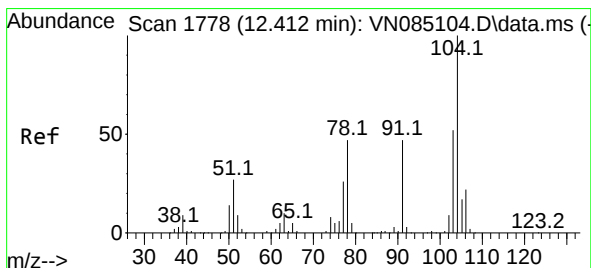
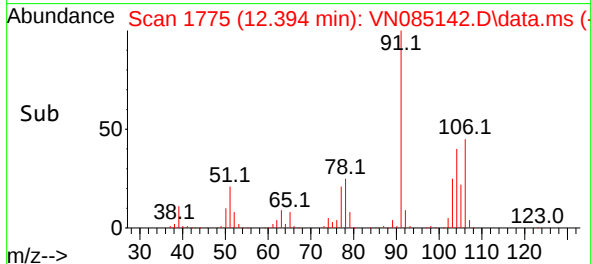
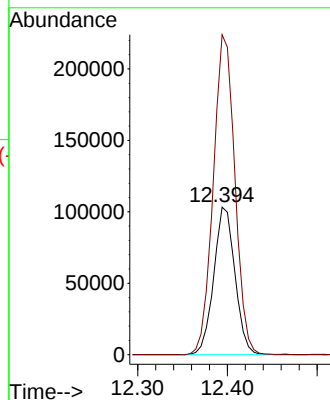
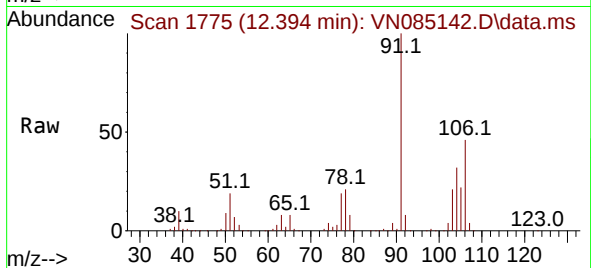
VSTDCCC050

Tgt Ion:106 Resp: 169397

Ion Ratio Lower Upper

106 100

91 221.5 110.7 331.9



#70

Styrene

Concen: 57.790 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VN085142.D

Acq: 09 Dec 2024 10:32

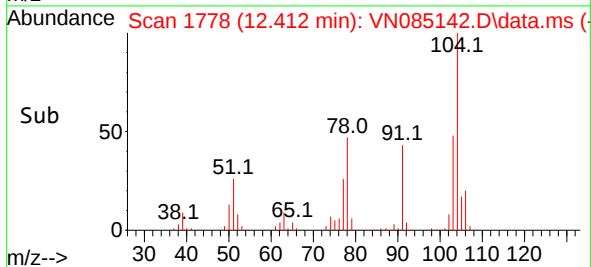
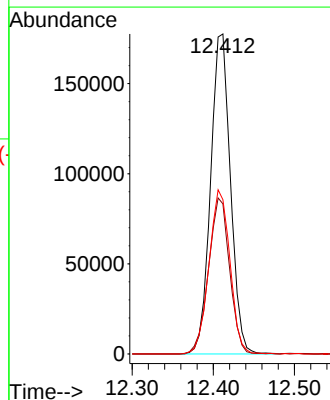
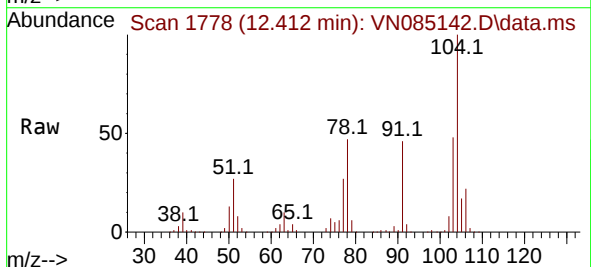
Tgt Ion:104 Resp: 301784

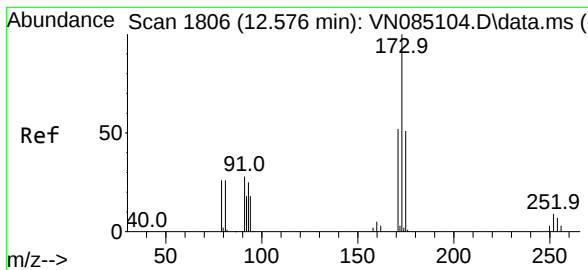
Ion Ratio Lower Upper

104 100

78 51.7 42.3 63.5

103 54.2 44.2 66.2

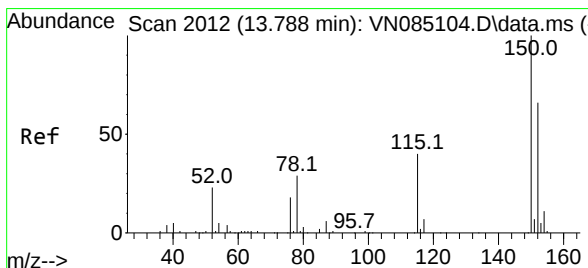
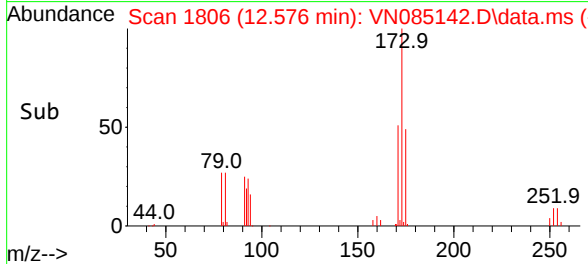
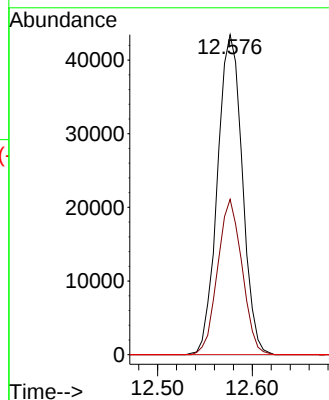
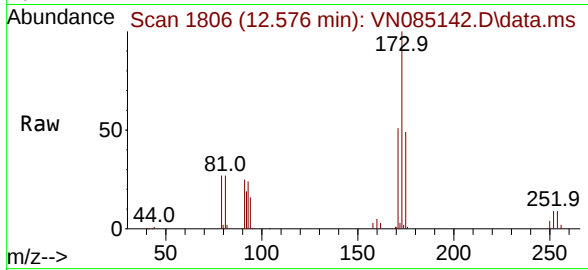




#71
Bromoform
Concen: 56.742 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

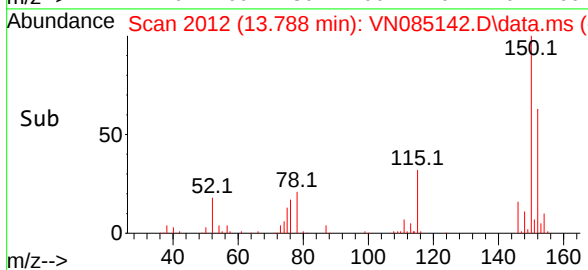
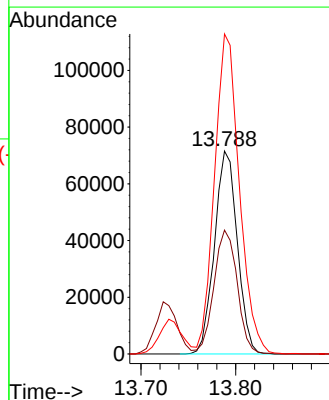
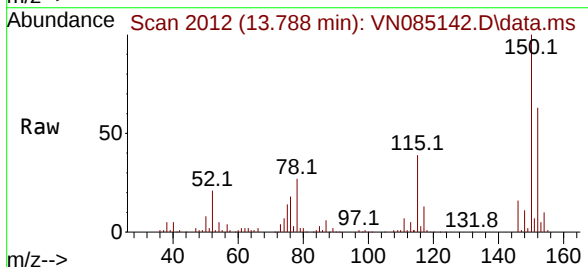
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

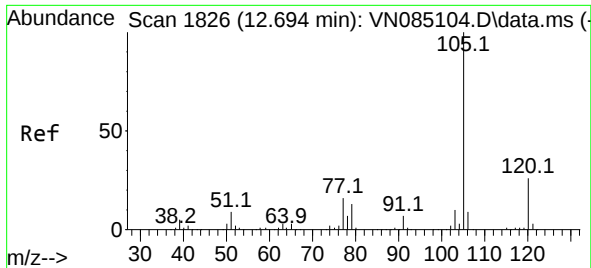
Tgt Ion:173 Resp: 79256
Ion Ratio Lower Upper
173 100
175 47.7 23.8 71.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Tgt Ion:152 Resp: 120023
Ion Ratio Lower Upper
152 100
115 62.3 31.7 95.1
150 171.3 0.0 351.4

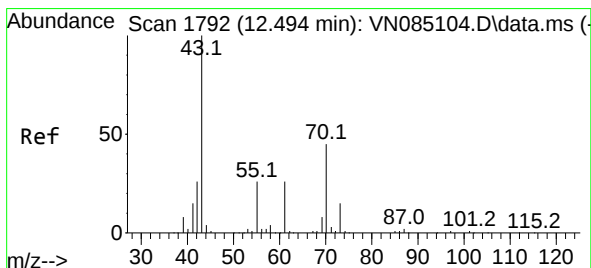
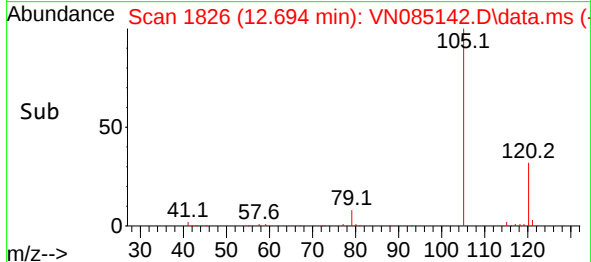
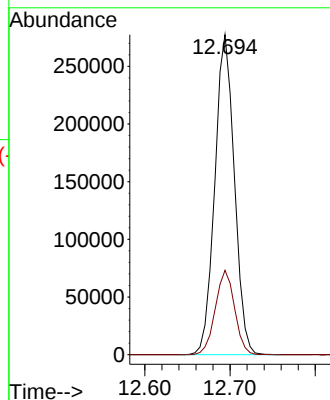
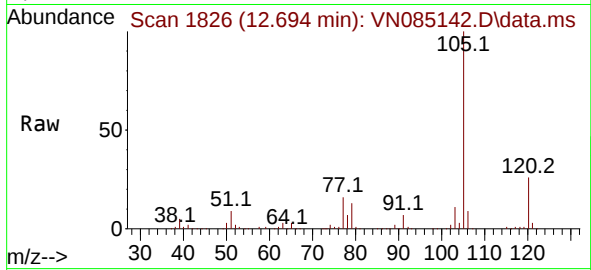




#73
Isopropylbenzene
Concen: 52.158 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

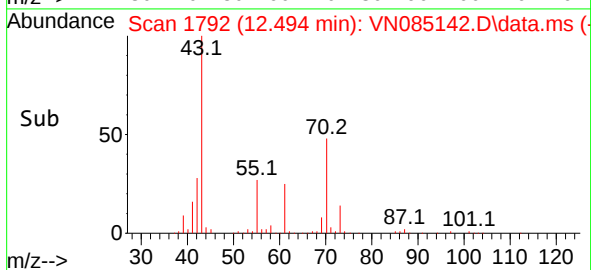
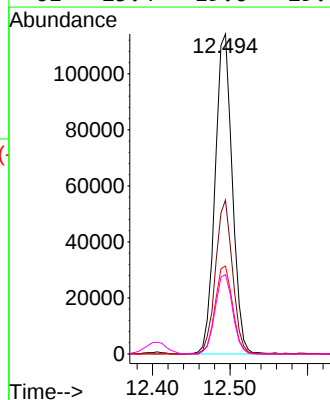
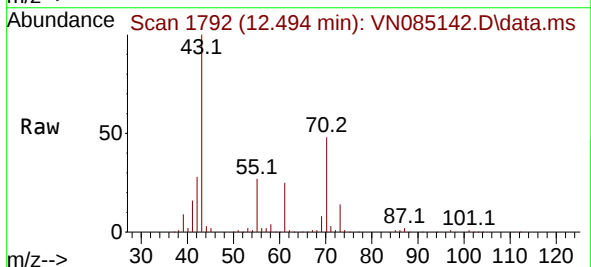
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

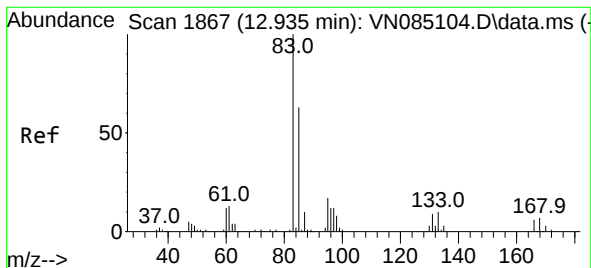
Tgt Ion:105 Resp: 441629
Ion Ratio Lower Upper
105 100
120 26.0 13.0 39.0



#74
N-ethyl acetate
Concen: 50.480 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Tgt Ion: 43 Resp: 176132
Ion Ratio Lower Upper
43 100
70 47.3 34.6 51.8
55 28.0 20.5 30.7
61 25.4 19.6 29.4

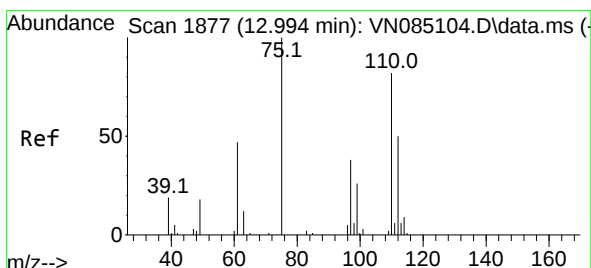
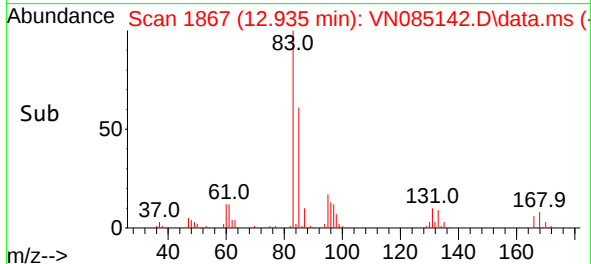
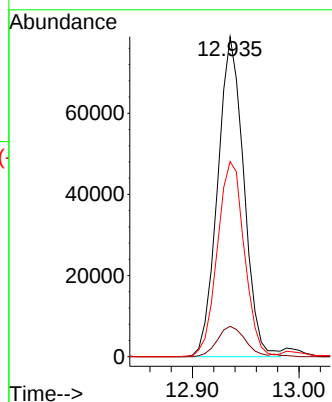
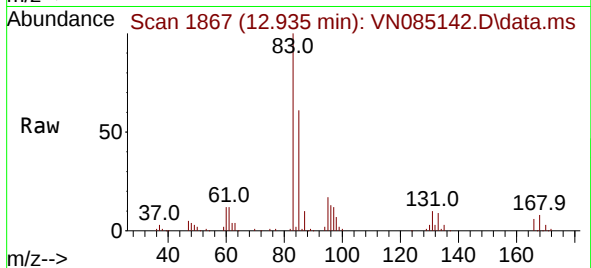




#75
1,1,2,2-Tetrachloroethane
Concen: 46.462 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

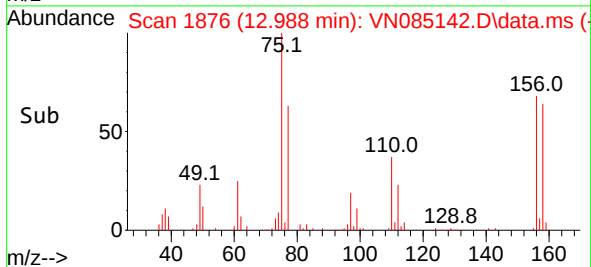
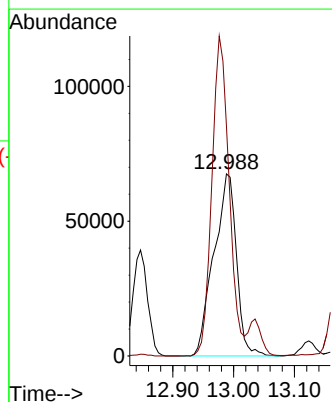
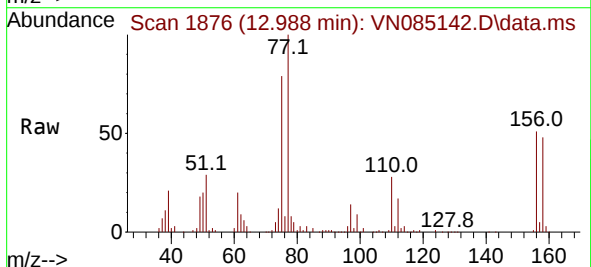
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

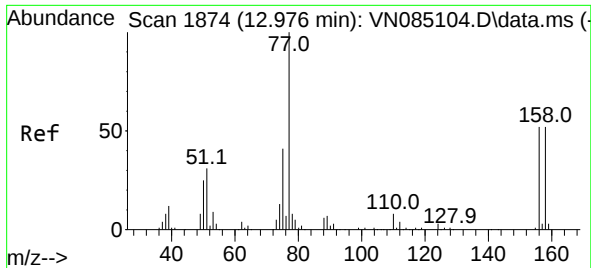
Tgt Ion: 83 Resp: 134339
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.4
85 62.9 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 79.662 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Tgt Ion: 75 Resp: 173913
Ion Ratio Lower Upper
75 100
77 134.2 109.1 327.4

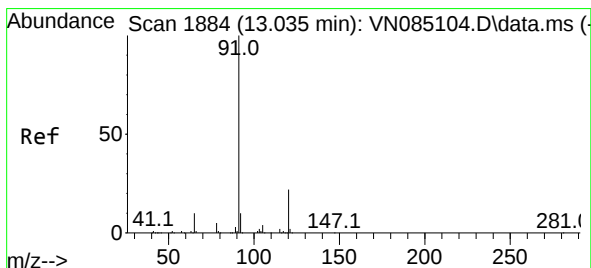
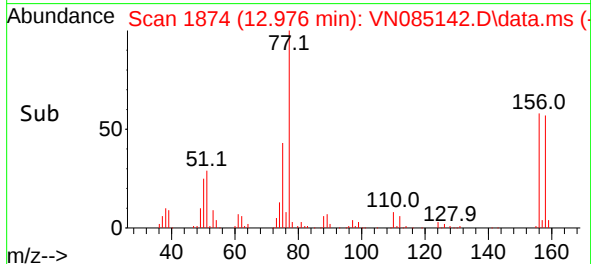
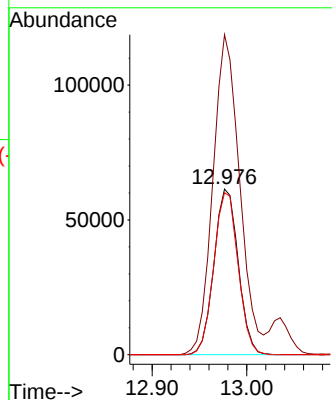
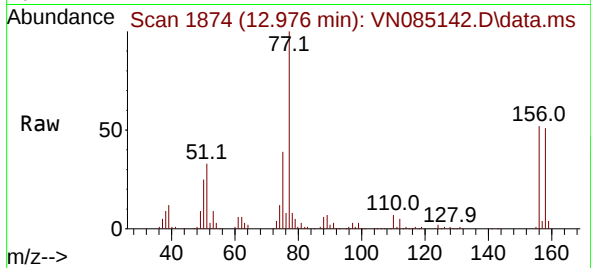




#77
Bromobenzene
Concen: 48.098 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

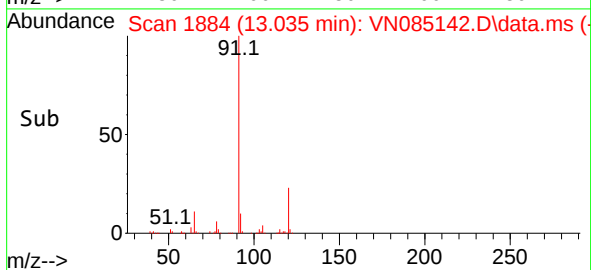
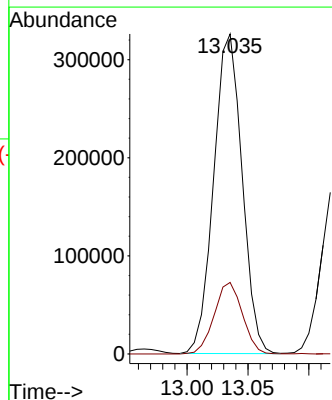
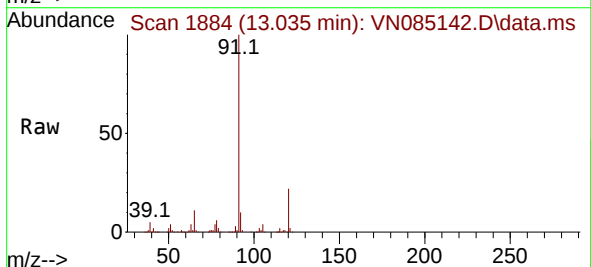
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MSVOA_N
ClientSampleId :
VSTDCCC050

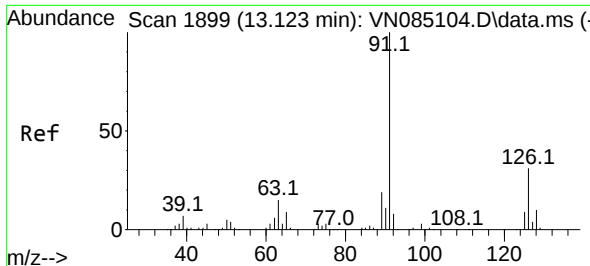
Tgt Ion:156 Resp: 109596
Ion Ratio Lower Upper
156 100
77 213.0 107.2 321.6
158 97.8 48.5 145.6



#78
n-propylbenzene
Concen: 54.068 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Tgt Ion: 91 Resp: 528037
Ion Ratio Lower Upper
91 100
120 22.3 11.3 33.9

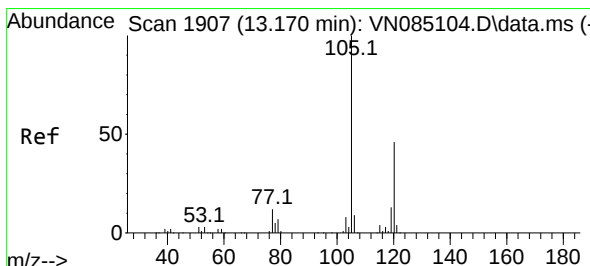
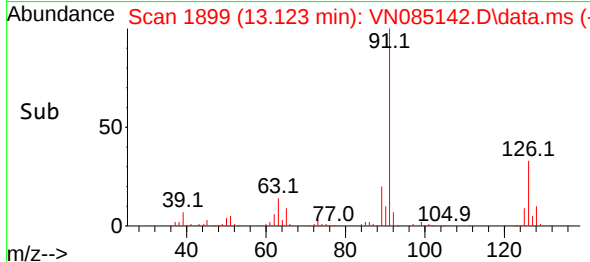
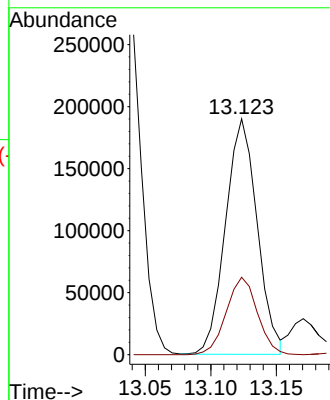
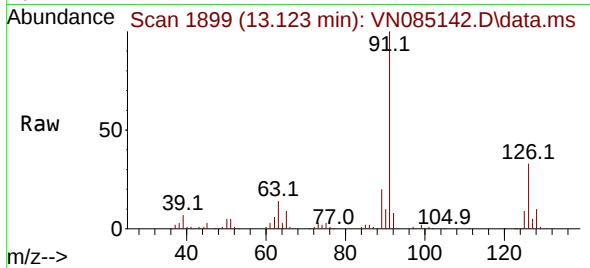




#79
2-Chlorotoluene
Concen: 48.981 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

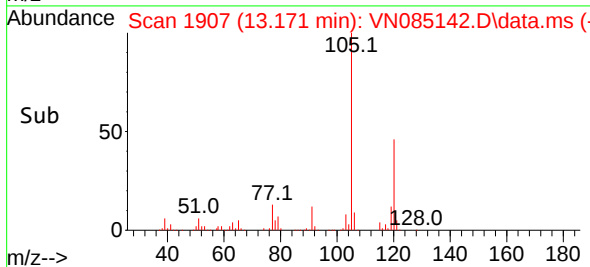
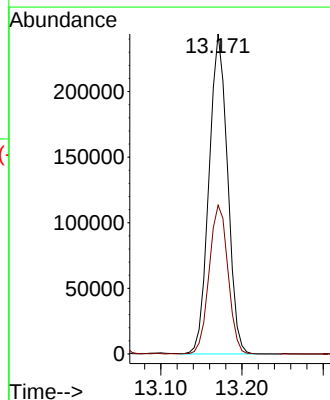
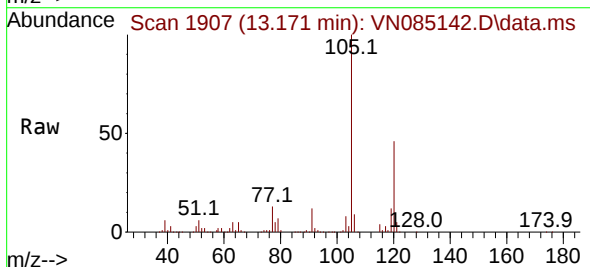
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

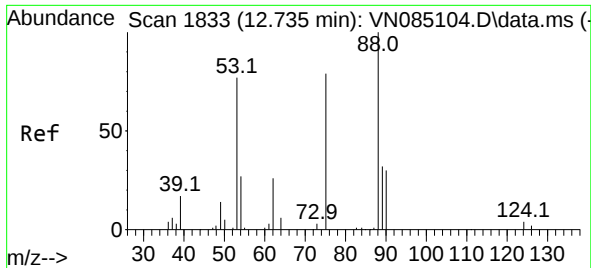
Tgt Ion: 91 Resp: 319326
Ion Ratio Lower Upper
91 100
126 32.3 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 54.491 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Tgt Ion: 105 Resp: 387163
Ion Ratio Lower Upper
105 100
120 47.1 23.6 71.0

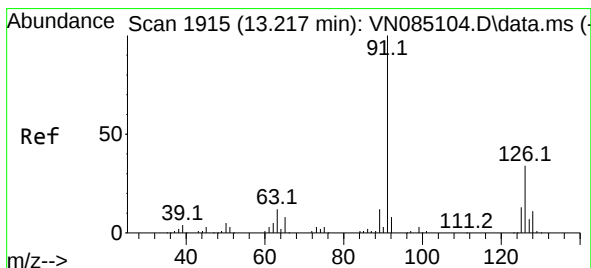
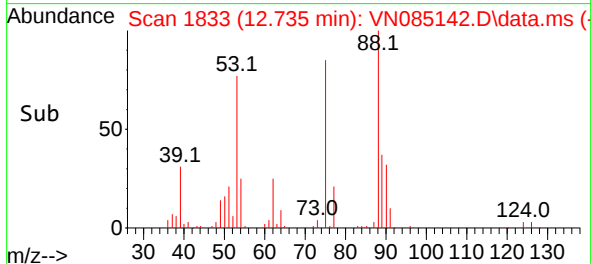
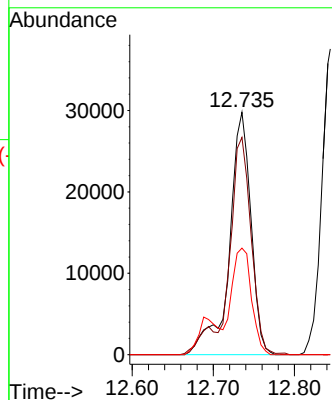
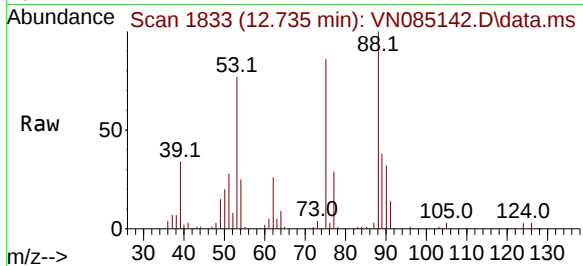




#81
trans-1,4-Dichloro-2-butene
Concen: 55.884 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

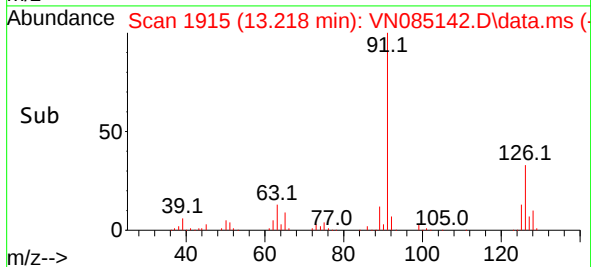
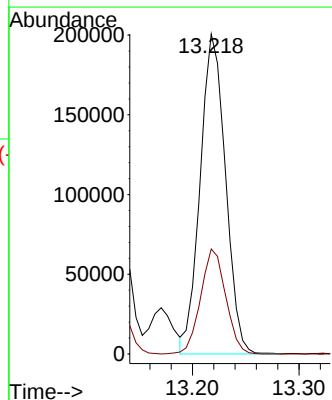
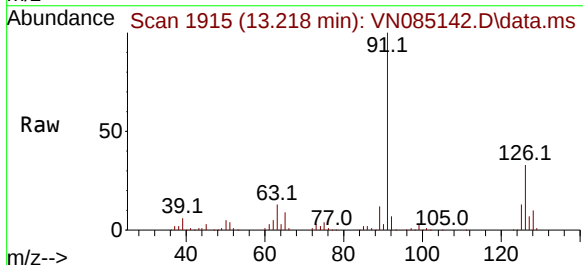
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

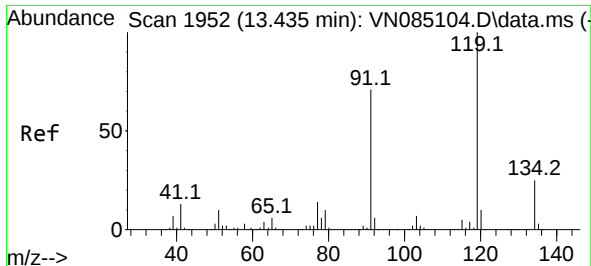
Tgt Ion: 75 Resp: 55265
Ion Ratio Lower Upper
75 100
53 82.4 78.2 117.4
89 40.1 37.9 56.9



#82
4-Chlorotoluene
Concen: 48.778 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Tgt Ion: 91 Resp: 331046
Ion Ratio Lower Upper
91 100
126 32.5 16.1 48.3

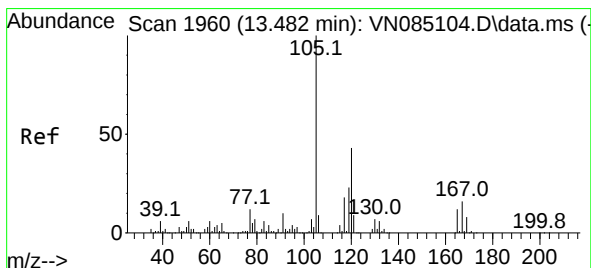
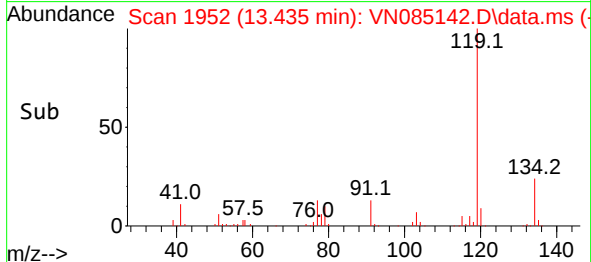
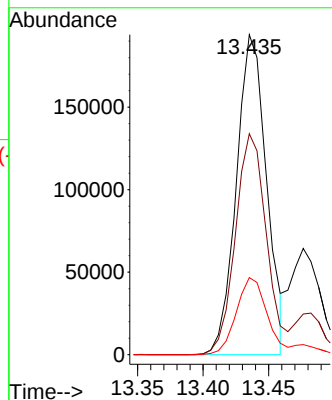
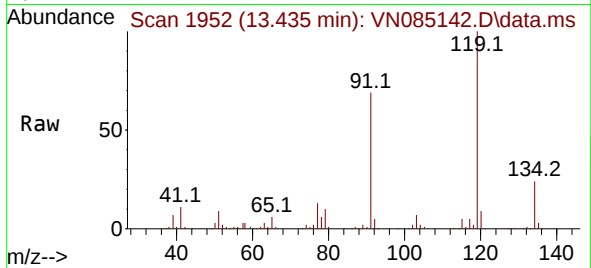




#83
tert-Butylbenzene
Concen: 50.852 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

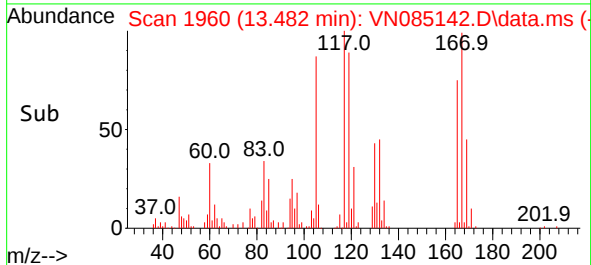
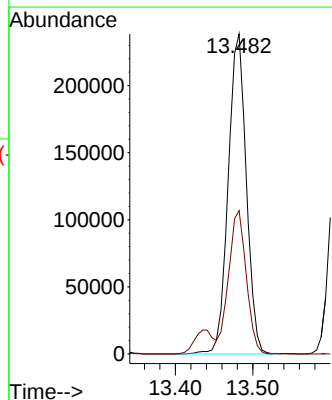
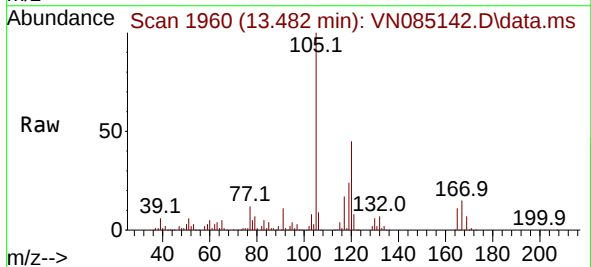
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

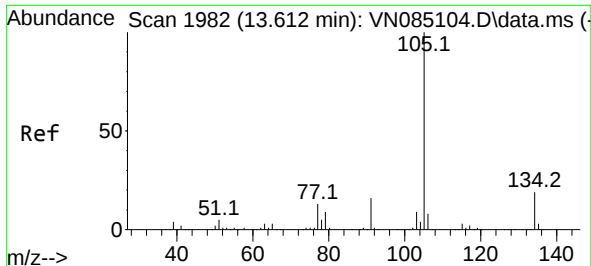
Tgt Ion:119 Resp: 310870
Ion Ratio Lower Upper
119 100
91 71.2 35.1 105.5
134 24.5 12.1 36.3



#84
1,2,4-Trimethylbenzene
Concen: 53.047 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Tgt Ion:105 Resp: 387968
Ion Ratio Lower Upper
105 100
120 43.9 21.8 65.4

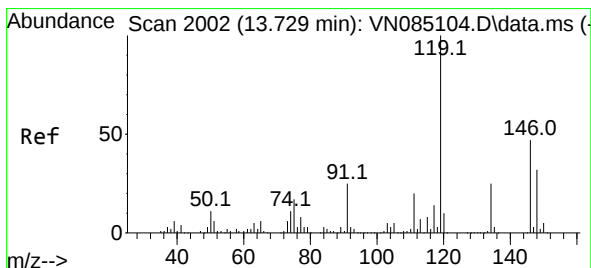
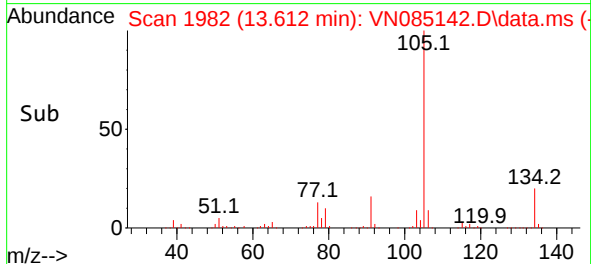
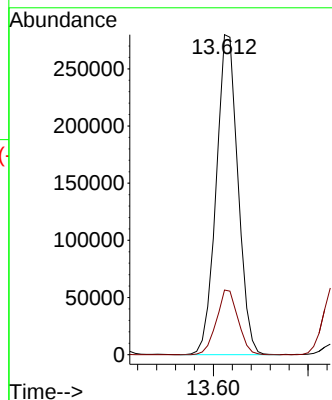
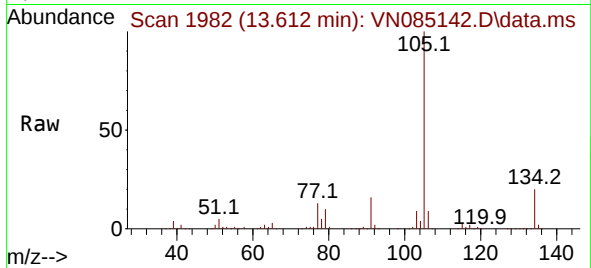




#85
 sec-Butylbenzene
 Concen: 54.132 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085142.D
 Acq: 09 Dec 2024 10:32

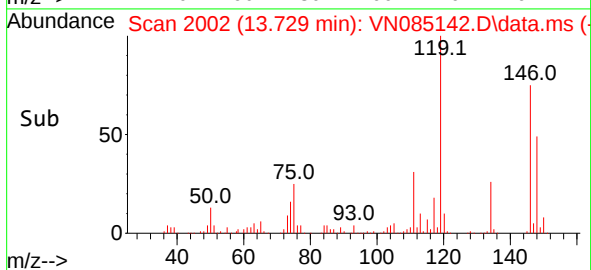
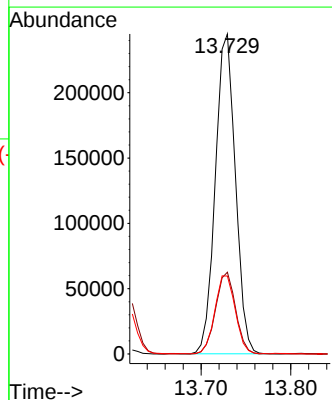
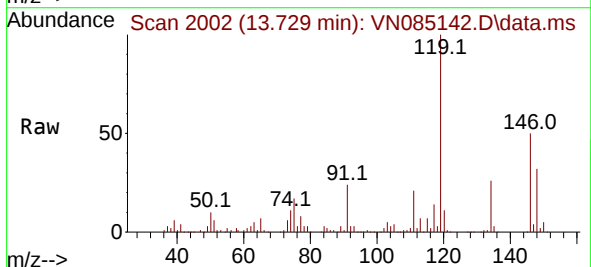
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

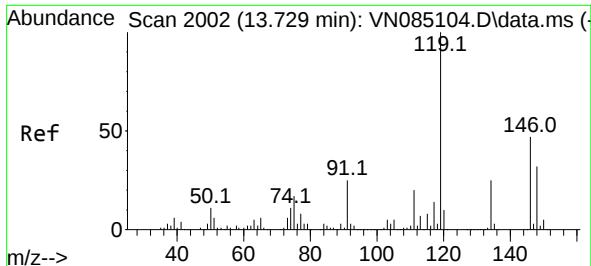
Tgt Ion:105 Resp: 447037
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 55.734 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085142.D
 Acq: 09 Dec 2024 10:32

Tgt Ion:119 Resp: 379947
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.0 39.0
 91 24.9 12.8 38.4

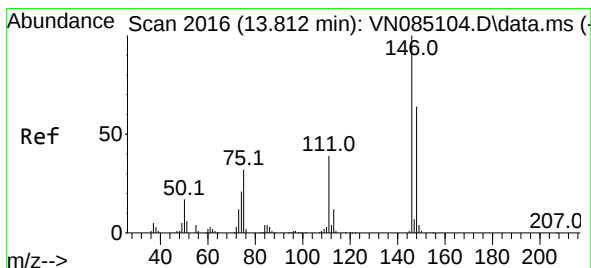
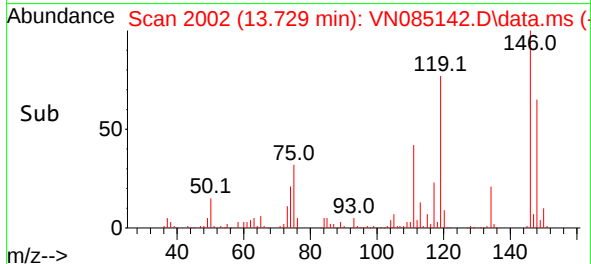
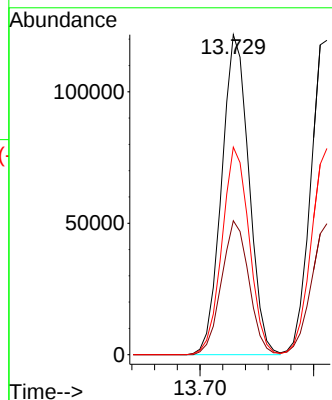
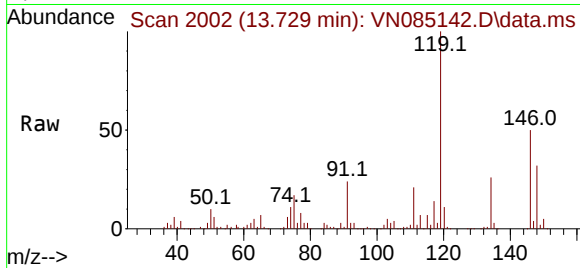




#87
1,3-Dichlorobenzene
Concen: 45.047 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

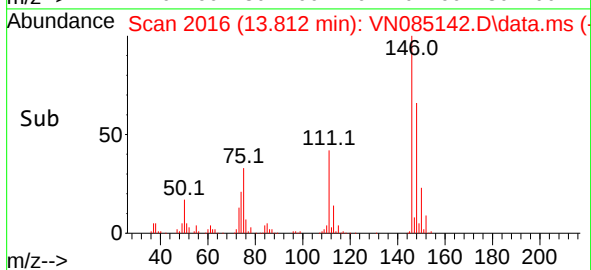
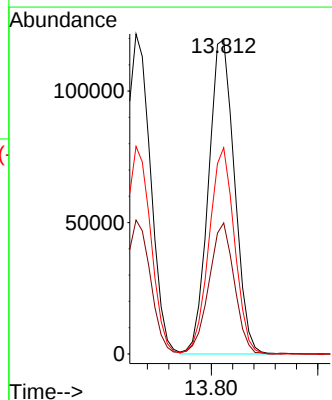
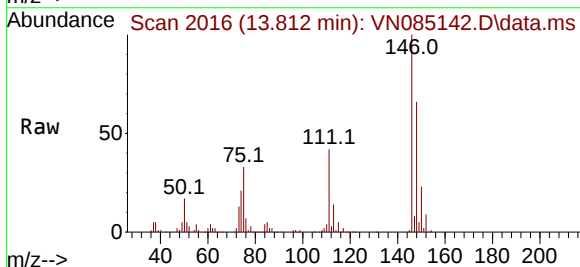
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

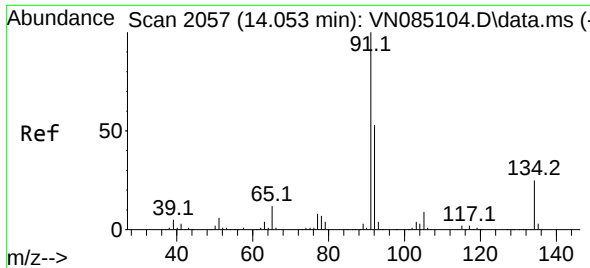
Tgt Ion:146 Resp: 202457
Ion Ratio Lower Upper
146 100
111 42.0 21.6 65.0
148 64.8 32.2 96.6



#88
1,4-Dichlorobenzene
Concen: 44.203 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Tgt Ion:146 Resp: 202736
Ion Ratio Lower Upper
146 100
111 40.6 20.9 62.8
148 64.1 31.3 93.9

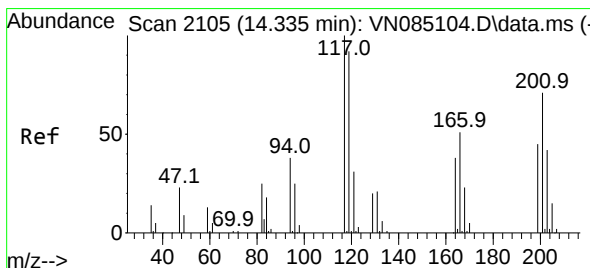
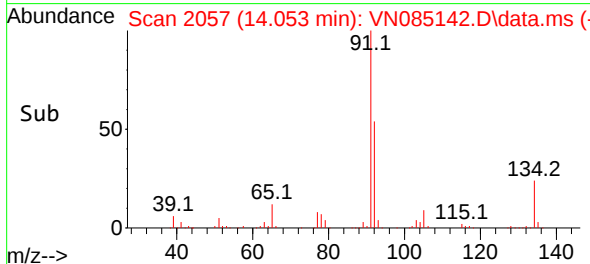
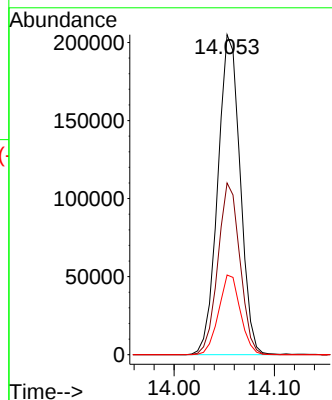
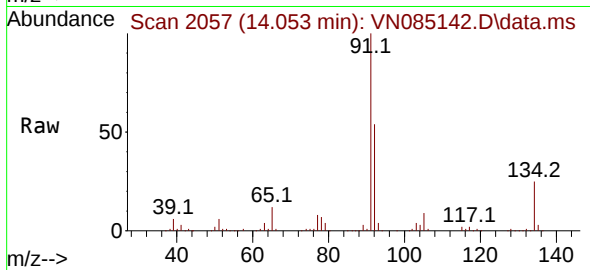




#89
n-Butylbenzene
Concen: 50.053 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

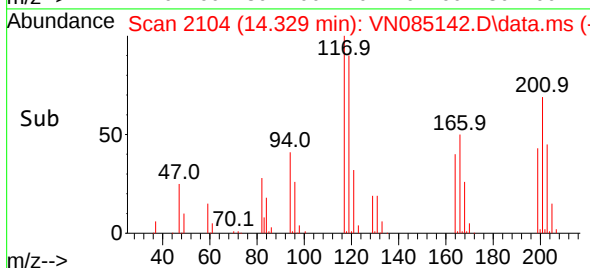
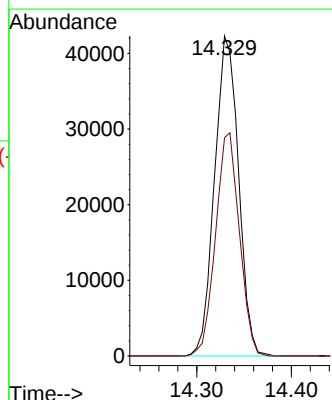
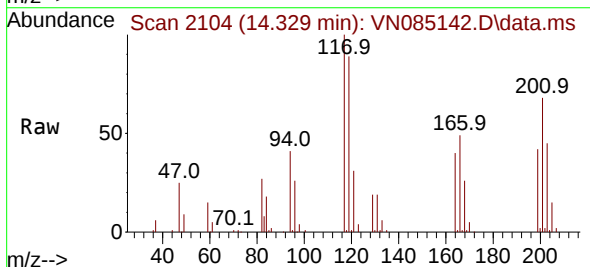
Instrument :
MSVOA_N
ClientSampleId :
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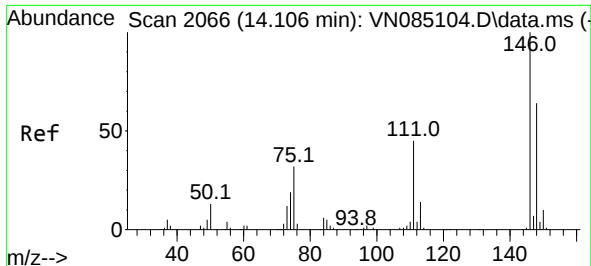
Tgt Ion: 91 Resp: 317319
Ion Ratio Lower Upper
91 100
92 52.8 26.8 80.3
134 24.3 12.8 38.4



#90
Hexachloroethane
Concen: 50.159 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Tgt Ion: 117 Resp: 74535
Ion Ratio Lower Upper
117 100
201 69.3 35.2 105.6

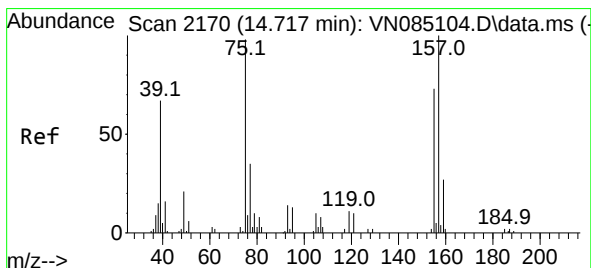
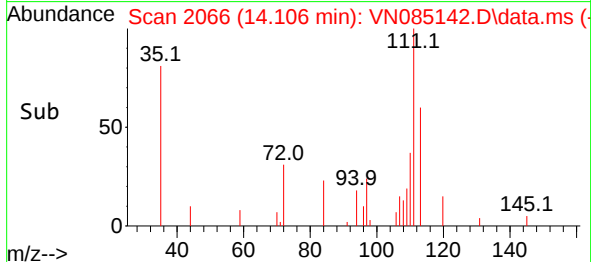
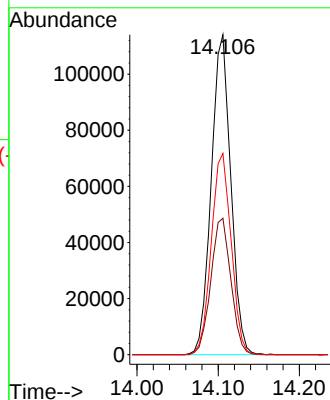
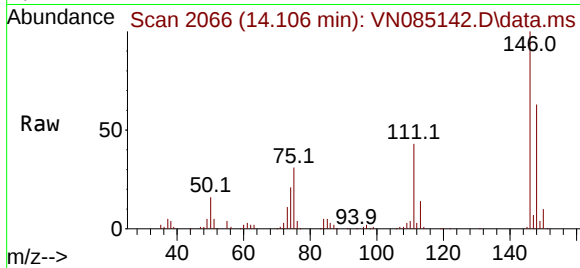




#91
 1,2-Dichlorobenzene
 Concen: 44.283 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. -0.000 min
 Lab File: VN085142.D
 Acq: 09 Dec 2024 10:32

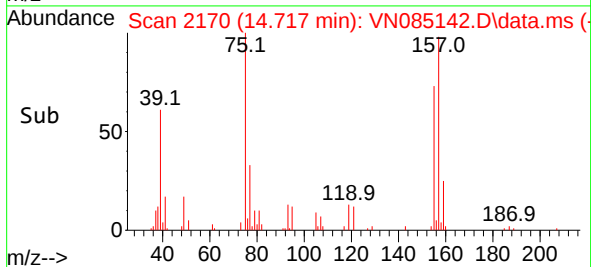
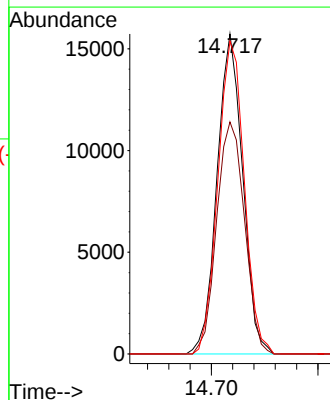
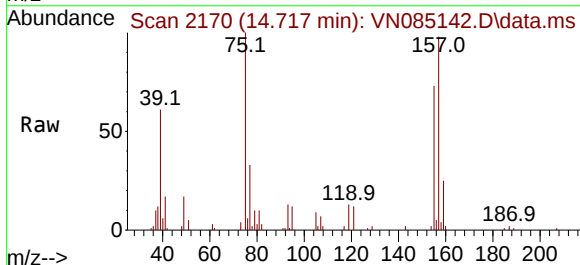
Instrument :
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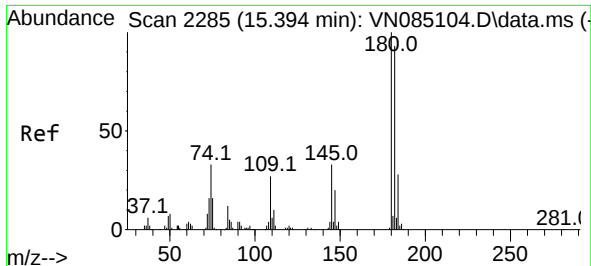
Tgt Ion:146 Resp: 190711
 Ion Ratio Lower Upper
 146 100
 111 43.8 21.9 65.8
 148 63.9 31.1 93.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.961 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. -0.000 min
 Lab File: VN085142.D
 Acq: 09 Dec 2024 10:32

Tgt Ion: 75 Resp: 26256
 Ion Ratio Lower Upper
 75 100
 155 78.7 38.9 116.7
 157 100.4 48.3 144.9

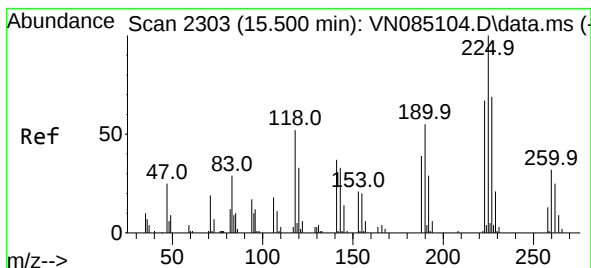
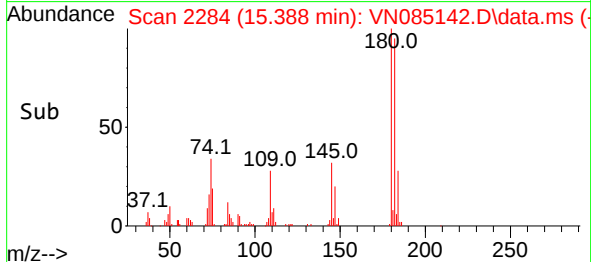
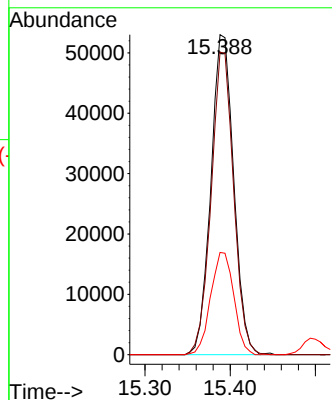
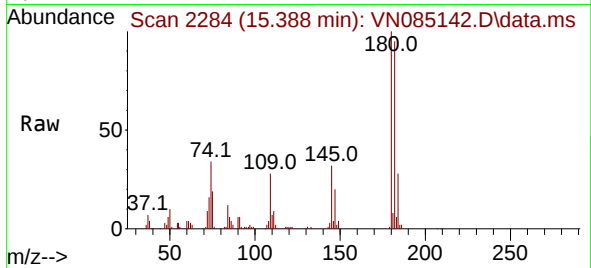




#93
1,2,4-Trichlorobenzene
Concen: 42.133 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

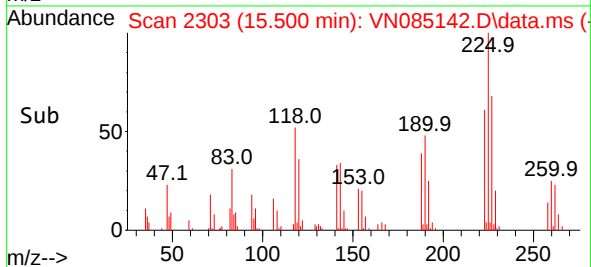
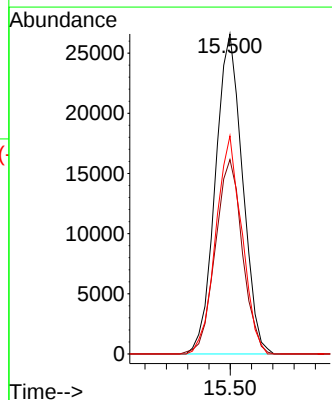
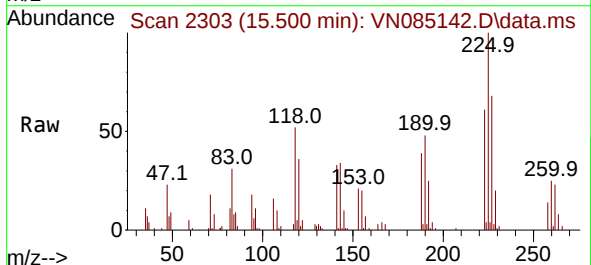
Instrument :
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ClientSampleId :
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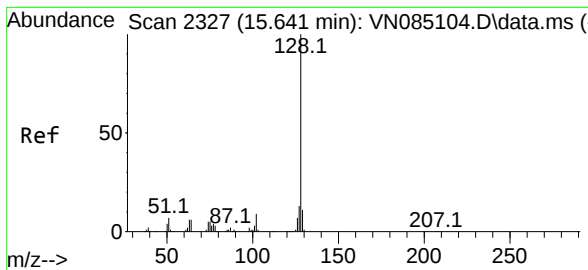
Tgt Ion:180 Resp: 98579
Ion Ratio Lower Upper
180 100
182 93.3 46.9 140.8
145 32.4 16.3 48.8



#94
Hexachlorobutadiene
Concen: 43.472 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Tgt Ion:225 Resp: 46941
Ion Ratio Lower Upper
225 100
223 60.7 30.9 92.8
227 65.5 31.5 94.5

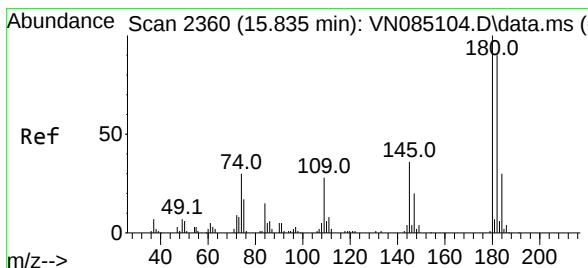
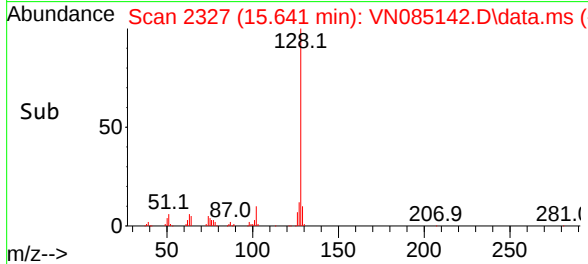
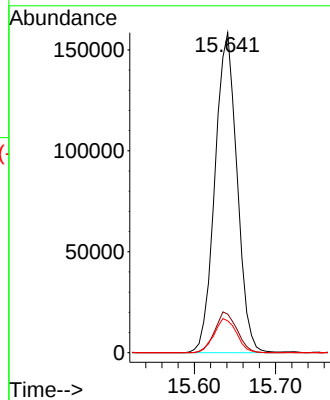
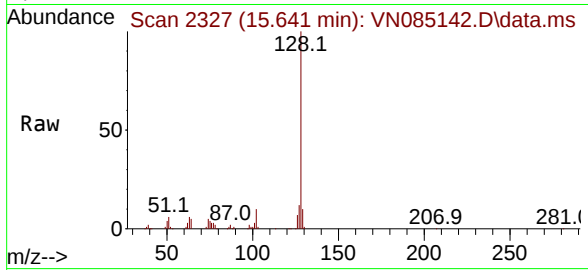




#95
Naphthalene
Concen: 44.981 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 299742
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 43.570 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN085142.D
Acq: 09 Dec 2024 10:32

Tgt Ion:180 Resp: 97267
Ion Ratio Lower Upper
180 100
182 93.6 46.4 139.2
145 34.6 17.3 52.0

