

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
 Data File : VN085247.D
 Acq On : 18 Dec 2024 12:44
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Dec 19 05:18:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 05:12:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	130848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	230166	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	203234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	97814	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	42467	18.569	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	37.140%#
35) Dibromofluoromethane	8.165	113	30464	18.826	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	37.660%#
50) Toluene-d8	10.565	98	109520	18.517	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	37.040%#
62) 4-Bromofluorobenzene	12.847	95	39138	18.527	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	37.060%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	36793	17.651	ug/l	93
3) Chloromethane	2.359	50	36255	18.247	ug/l	99
4) Vinyl Chloride	2.507	62	35012	18.808	ug/l	95
5) Bromomethane	2.936	94	23319	19.095	ug/l	93
6) Chloroethane	3.118	64	22491	19.177	ug/l	95
7) Trichlorofluoromethane	3.495	101	56384	18.756	ug/l	100
8) Diethyl Ether	3.959	74	18535	19.630	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	30387	18.847	ug/l	98
10) Methyl Iodide	4.583	142	34886	18.977	ug/l	97
11) Tert butyl alcohol	5.518	59	31707	99.806	ug/l	98
12) 1,1-Dichloroethene	4.336	96	28796	19.281	ug/l	94
13) Acrolein	4.183	56	33238	90.851	ug/l	96
14) Allyl chloride	5.024	41	50227	19.374	ug/l	93
15) Acrylonitrile	5.712	53	82870	95.772	ug/l	97
16) Acetone	4.424	43	75866	96.102	ug/l	98
17) Carbon Disulfide	4.712	76	89817	17.623	ug/l	99
18) Methyl Acetate	5.024	43	42905	19.198	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	99531	19.444	ug/l	97
20) Methylene Chloride	5.271	84	33765	19.553	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	30715	18.654	ug/l	92
22) Diisopropyl ether	6.671	45	109701	19.882	ug/l	98
23) Vinyl Acetate	6.600	43	431157	101.127	ug/l	97
24) 1,1-Dichloroethane	6.559	63	62918	19.685	ug/l	96
25) 2-Butanone	7.483	43	117321	97.044	ug/l	98
26) 2,2-Dichloropropane	7.489	77	55260	18.671	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	35581	18.560	ug/l	95
28) Bromochloromethane	7.812	49	30562	18.960	ug/l	99
29) Tetrahydrofuran	7.836	42	77380	99.294	ug/l	99
30) Chloroform	7.965	83	63439	18.586	ug/l	97
31) Cyclohexane	8.253	56	54406	18.388	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	58796	19.327	ug/l	95
36) 1,1-Dichloropropene	8.371	75	44017	19.535	ug/l	98
37) Ethyl Acetate	7.553	43	48687	18.729	ug/l	98
38) Carbon Tetrachloride	8.359	117	50634	18.586	ug/l	96
39) Methylcyclohexane	9.600	83	44865	19.134	ug/l	94
40) Benzene	8.600	78	137494	19.615	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	26500	20.003	ug/l	94
42) 1,2-Dichloroethane	8.671	62	50473	18.903	ug/l	99
43) Isopropyl Acetate	8.688	43	85017	17.884	ug/l	99
44) Trichloroethene	9.347	130	29954	19.194	ug/l	95
45) 1,2-Dichloropropane	9.618	63	32728	18.857	ug/l	96
46) Dibromomethane	9.706	93	23677	19.110	ug/l	98
47) Bromodichloromethane	9.883	83	52414	19.745	ug/l	92
48) Methyl methacrylate	9.677	41	38703	19.861	ug/l	100
49) 1,4-Dioxane	9.694	88	12769	415.595	ug/l #	93
51) 4-Methyl-2-Pentanone	10.441	43	250961	100.473	ug/l	99
52) Toluene	10.630	92	79828	18.940	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	51490	19.900	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	52973	19.256	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	31277	19.818	ug/l	99
56) Ethyl methacrylate	10.871	69	48783	17.766	ug/l	96
57) 1,3-Dichloropropane	11.159	76	53527	19.270	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	107576	86.401	ug/l	99
59) 2-Hexanone	11.194	43	187121	105.094	ug/l	97
60) Dibromochloromethane	11.359	129	36581	19.557	ug/l	99
61) 1,2-Dibromoethane	11.465	107	30969	19.051	ug/l	99
64) Tetrachloroethene	11.100	164	25942	18.969	ug/l	96
65) Chlorobenzene	11.888	112	86945	19.032	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	31216	19.585	ug/l	98
67) Ethyl Benzene	11.965	91	153907	19.655	ug/l	99
68) m/p-Xylenes	12.071	106	118927	40.609	ug/l	99
69) o-Xylene	12.400	106	54751	19.890	ug/l	97
70) Styrene	12.412	104	94774	20.623	ug/l	98
71) Bromoform	12.576	173	24556	19.655	ug/l #	96
73) Isopropylbenzene	12.694	105	142250	20.160	ug/l	100
74) N-amyl acetate	12.494	43	71120	20.180	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	48258	19.195	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	63927	29.957	ug/l	49
77) Bromobenzene	12.982	156	34019	18.363	ug/l	97
78) n-propylbenzene	13.035	91	174396	20.153	ug/l	99
79) 2-Chlorotoluene	13.123	91	107177	19.507	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	121797	20.695	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	16783	19.113	ug/l	96
82) 4-Chlorotoluene	13.218	91	110140	19.810	ug/l	99
83) tert-Butylbenzene	13.435	119	97483	19.531	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	122033	20.285	ug/l	100
85) sec-Butylbenzene	13.618	105	142338	20.455	ug/l	100
86) p-Isopropyltoluene	13.729	119	116092	18.517	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	63937	18.740	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	64631	18.308	ug/l	99
89) n-Butylbenzene	14.053	91	100250	19.590	ug/l	98
90) Hexachloroethane	14.329	117	23775	18.599	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	62512	19.700	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9658	20.032	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	29546	18.189	ug/l	96
94) Hexachlorobutadiene	15.500	225	15050	17.827	ug/l	97
95) Naphthalene	15.641	128	100101	18.609	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	29506	18.186	ug/l	98

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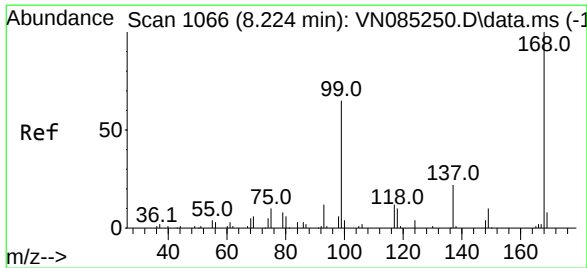
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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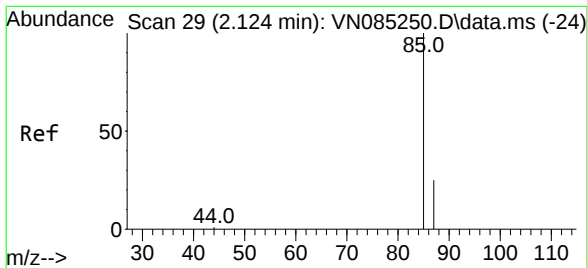
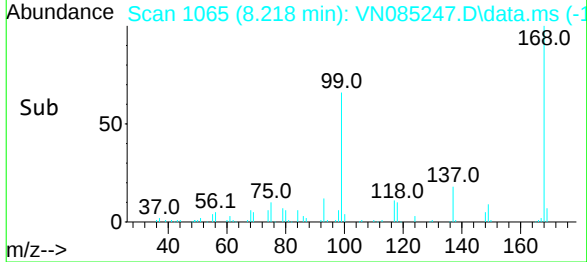
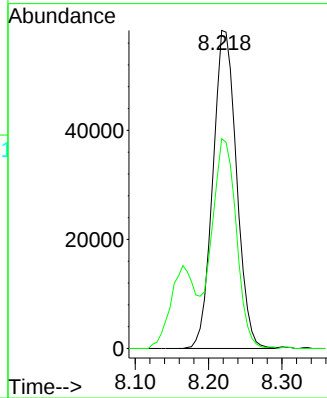
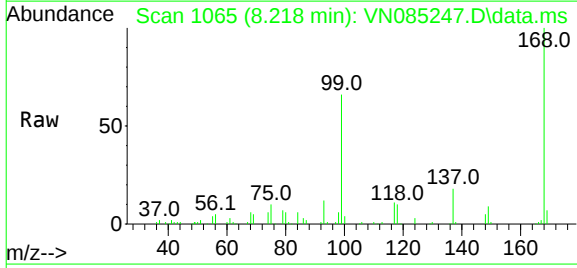




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN085247.D
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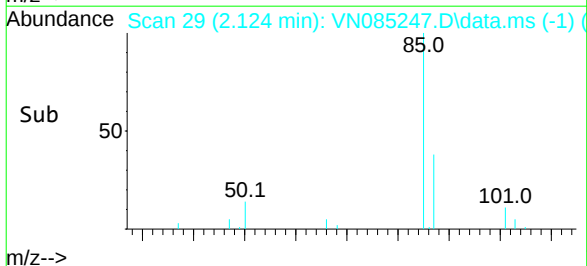
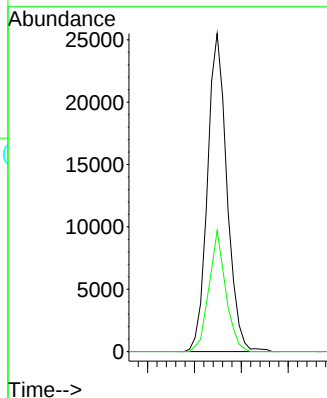
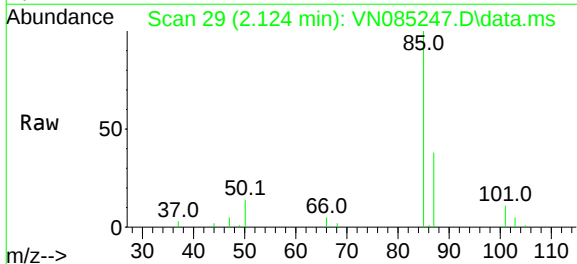
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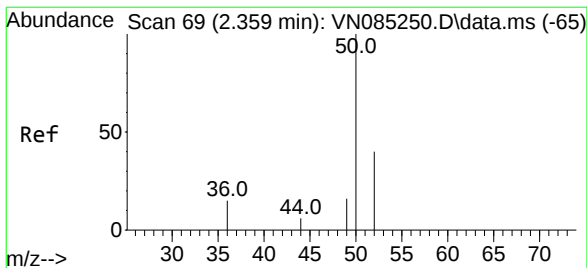
Tgt Ion:168 Resp: 130848
Ion Ratio Lower Upper
168 100
99 65.9 50.7 76.1



#2
Dichlorodifluoromethane
Concen: 17.651 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

Tgt Ion: 85 Resp: 36793
Ion Ratio Lower Upper
85 100
87 38.1 17.1 51.3





#3

Chloromethane

Concen: 18.247 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN085247.D

Acq: 18 Dec 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

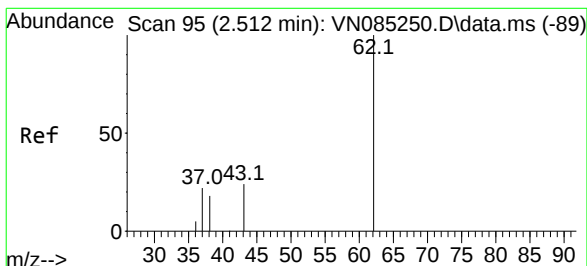
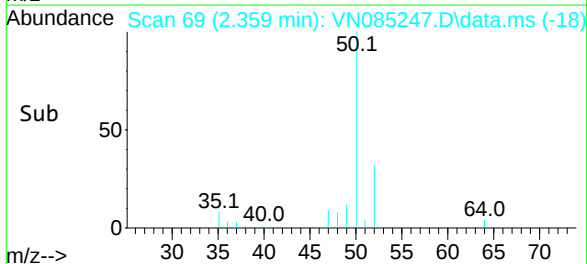
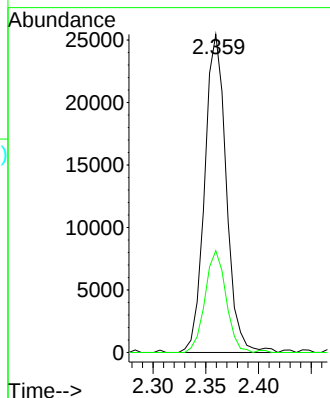
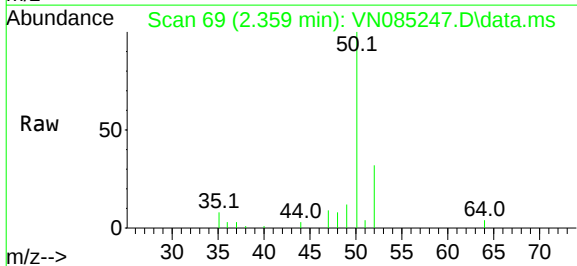
VSTDICC020

Tgt Ion: 50 Resp: 36255

Ion Ratio Lower Upper

50 100

52 32.0 26.2 39.2



#4

Vinyl Chloride

Concen: 18.808 ug/l

RT: 2.507 min Scan# 94

Delta R.T. -0.006 min

Lab File: VN085247.D

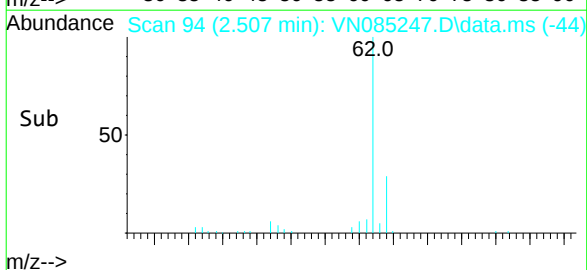
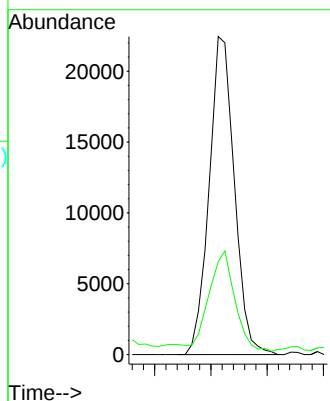
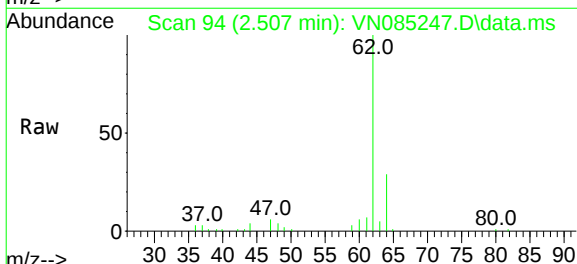
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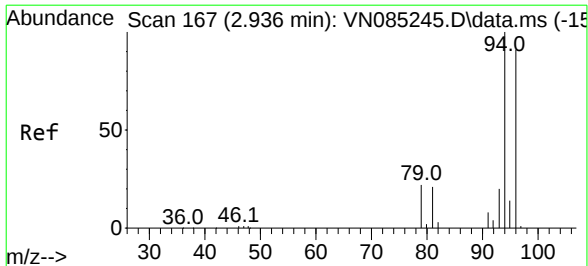
Tgt Ion: 62 Resp: 35012

Ion Ratio Lower Upper

62 100

64 27.6 24.5 36.7

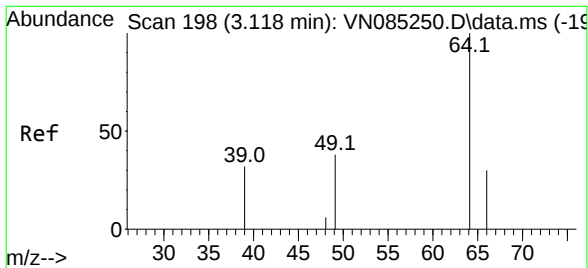
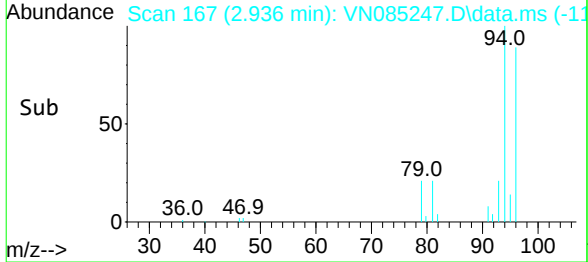
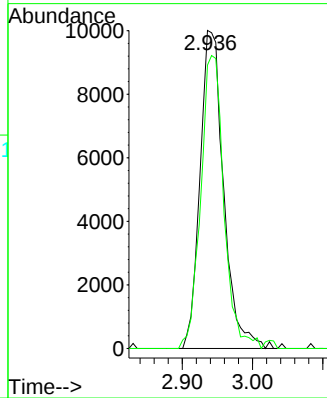
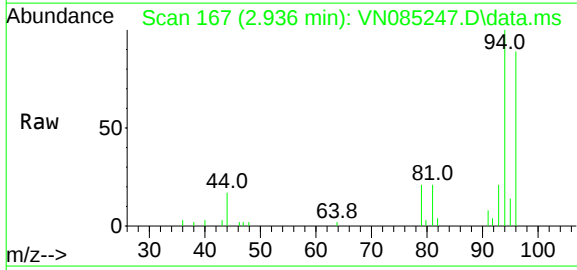




#5
Bromomethane
Concen: 19.095 ug/l
RT: 2.936 min Scan# 167
Delta R.T. -0.012 min
Lab File: VN085247.D
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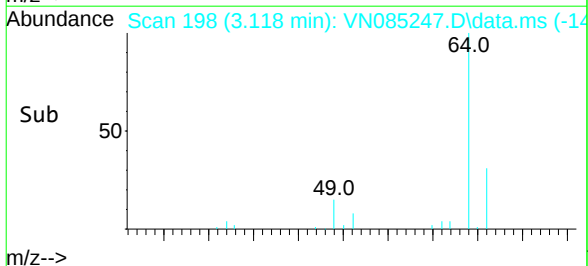
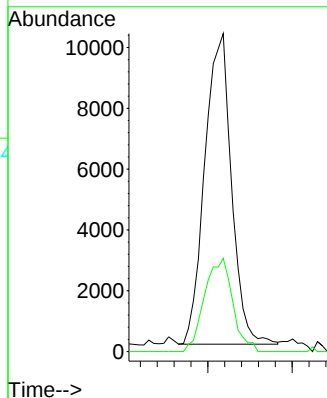
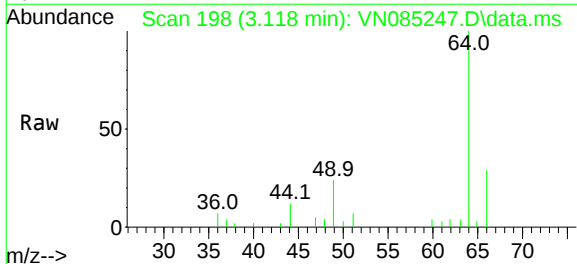
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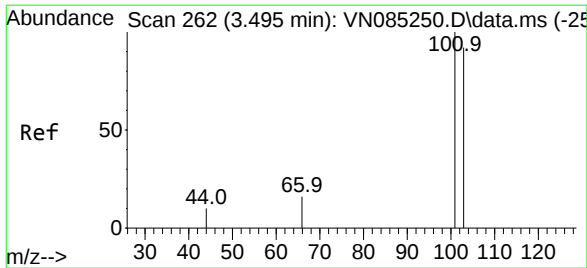
Tgt Ion: 94 Resp: 23319
Ion Ratio Lower Upper
94 100
96 89.1 76.8 115.2



#6
Chloroethane
Concen: 19.177 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

Tgt Ion: 64 Resp: 22491
Ion Ratio Lower Upper
64 100
66 30.0 26.3 39.5

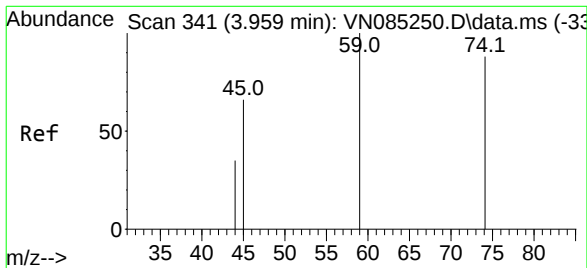
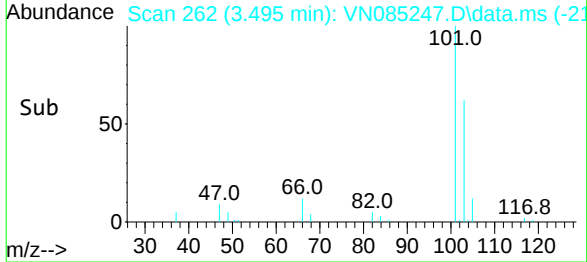
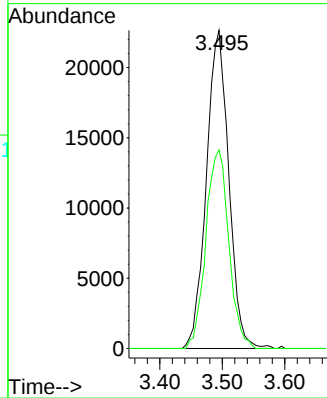
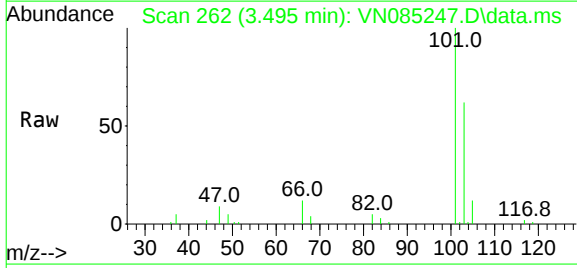




#7
 Trichlorofluoromethane
 Concen: 18.756 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. -0.000 min
 Lab File: VN085247.D
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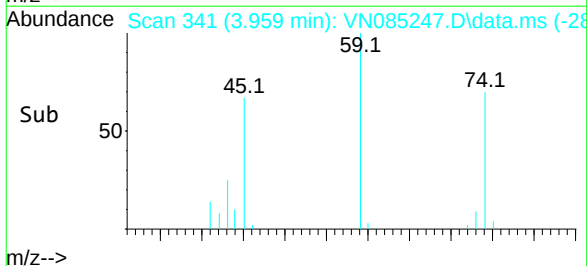
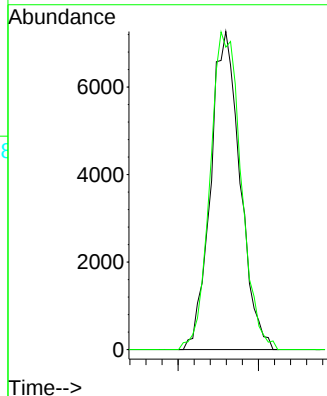
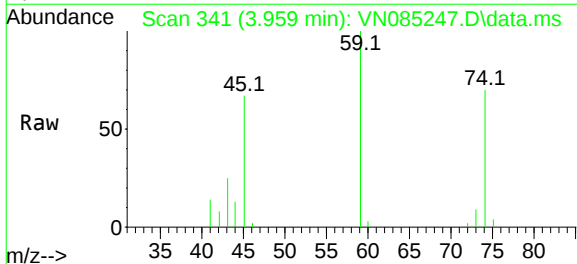
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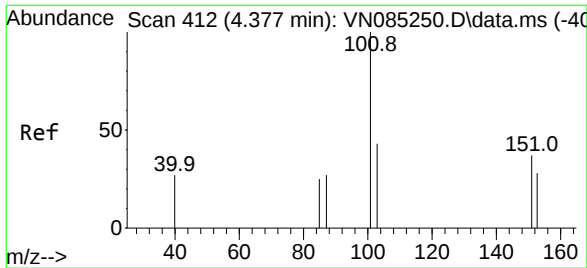
Tgt Ion:101 Resp: 56384
 Ion Ratio Lower Upper
 101 100
 103 62.5 50.2 75.4



#8
 Diethyl Ether
 Concen: 19.630 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN085247.D
 Acq: 18 Dec 2024 12:44

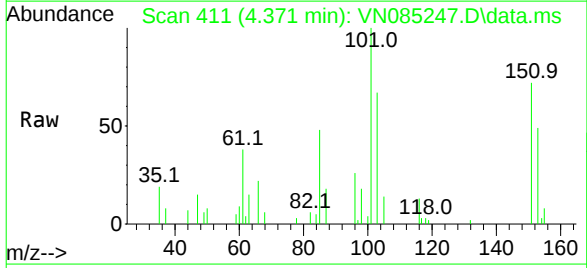
Tgt Ion: 74 Resp: 18535
 Ion Ratio Lower Upper
 74 100
 45 105.2 50.0 150.1



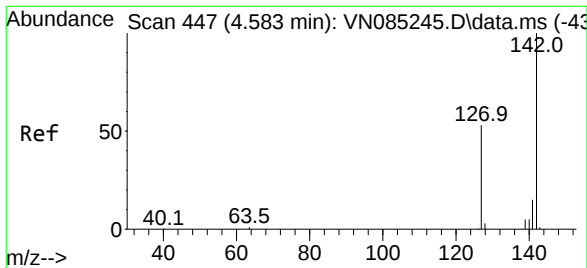
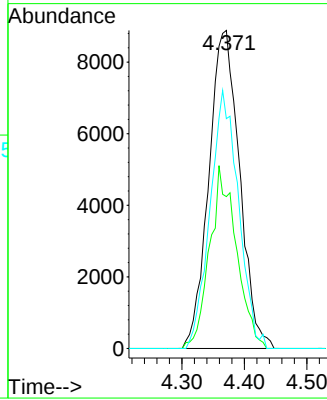
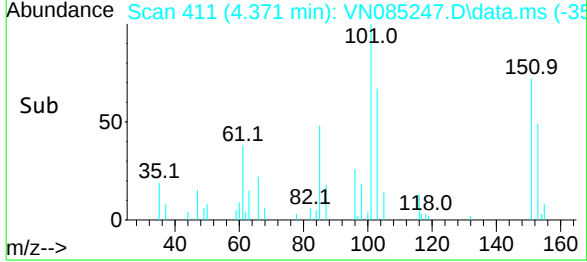


#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.847 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085247.D
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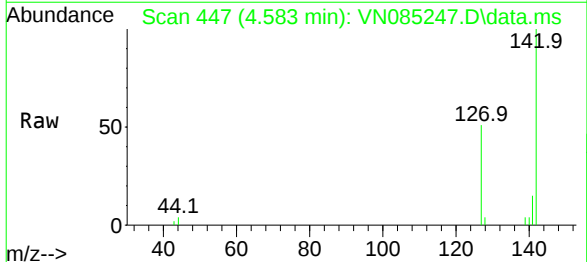
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VSTDIC020



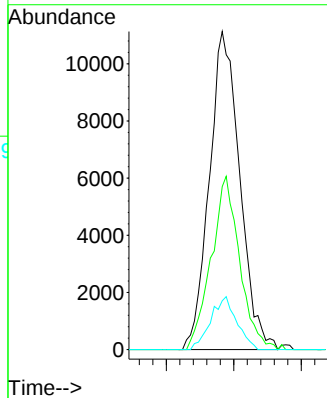
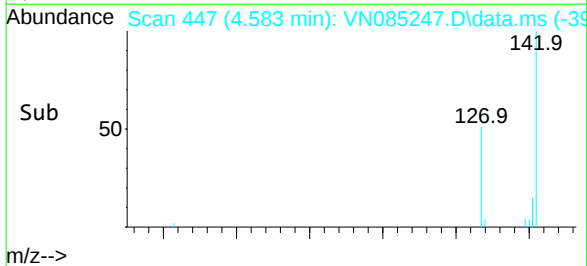
Tgt Ion:101 Resp: 30387
Ion Ratio Lower Upper
101 100
85 49.9 39.0 58.4
151 75.0 58.6 87.8

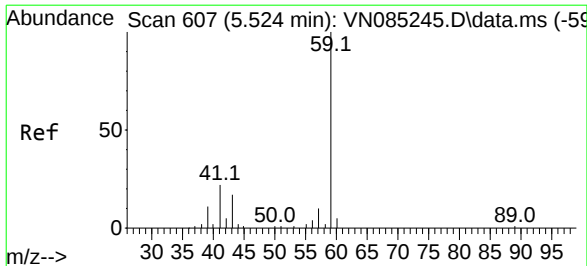


#10
Methyl Iodide
Concen: 18.977 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44



Tgt Ion:142 Resp: 34886
Ion Ratio Lower Upper
142 100
127 51.2 42.5 63.7
141 15.3 10.2 15.4





#11

Tert butyl alcohol

Concen: 99.806 ug/l

RT: 5.518 min Scan# 607

Delta R.T. -0.000 min

Lab File: VN085247.D

Acq: 18 Dec 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

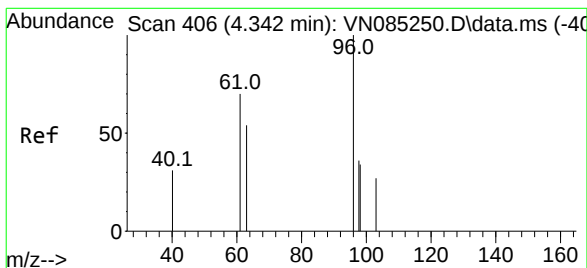
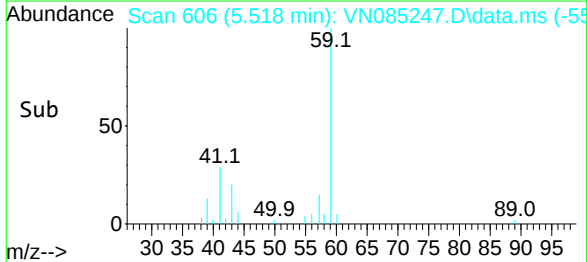
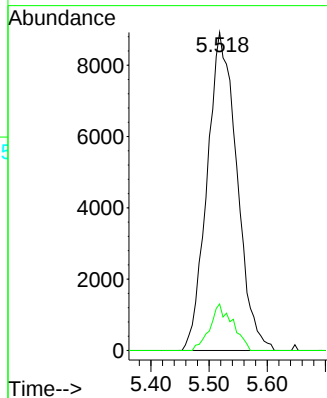
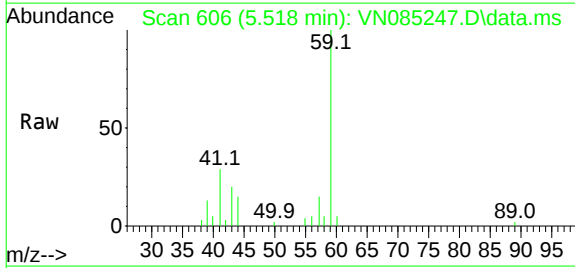
VSTDICC020

Tgt Ion: 59 Resp: 31707

Ion Ratio Lower Upper

59 100

57 11.2 8.2 12.4



#12

1,1-Dichloroethene

Concen: 19.281 ug/l

RT: 4.336 min Scan# 405

Delta R.T. -0.000 min

Lab File: VN085247.D

Acq: 18 Dec 2024 12:44

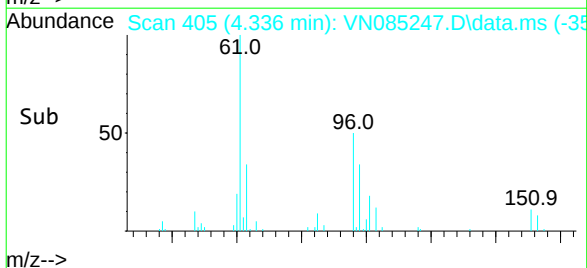
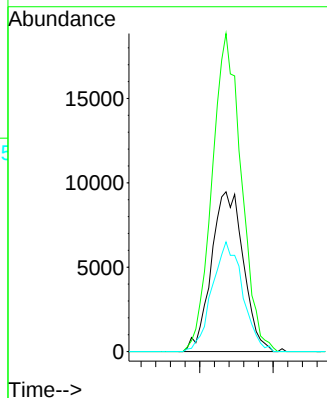
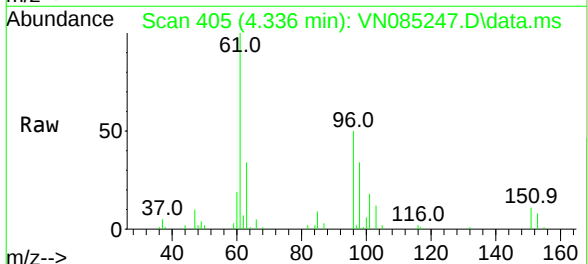
Tgt Ion: 96 Resp: 28796

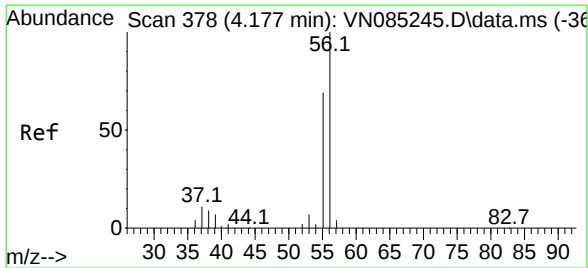
Ion Ratio Lower Upper

96 100

61 199.0 151.6 227.4

98 68.6 51.9 77.9

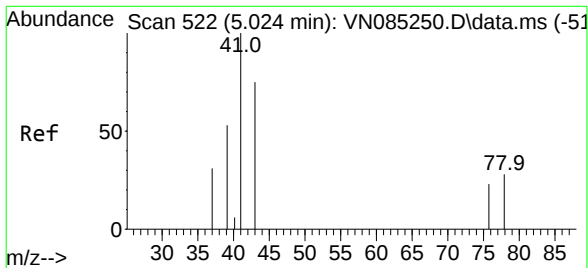
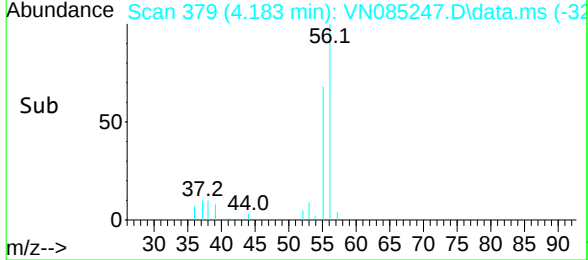
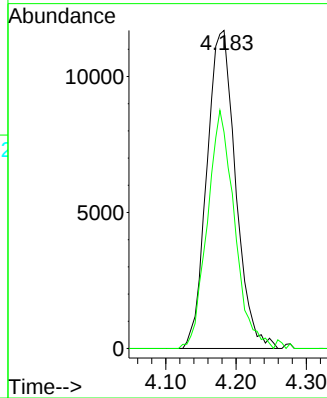
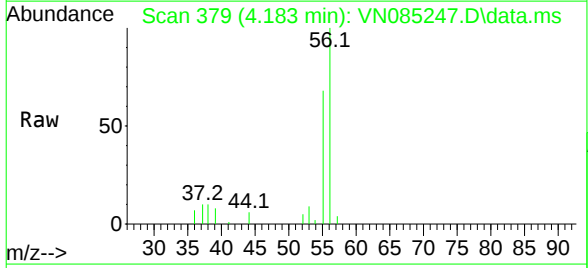




#13
Acrolein
Concen: 90.851 ug/l
RT: 4.183 min Scan# 37
Delta R.T. 0.006 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

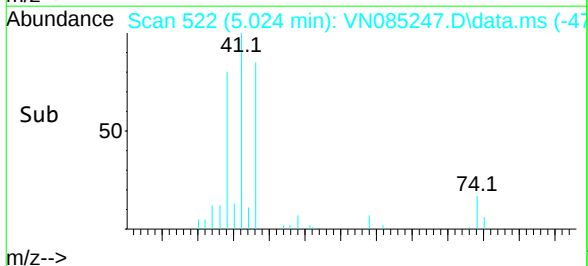
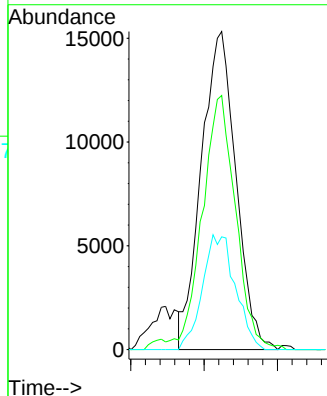
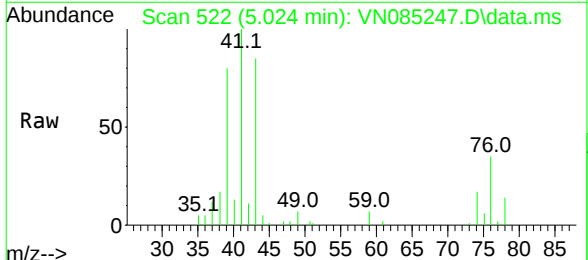
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

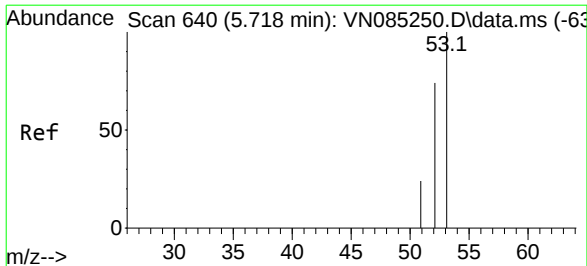
Tgt Ion: 56 Resp: 33238
Ion Ratio Lower Upper
56 100
55 70.8 59.0 88.6



#14
Allyl chloride
Concen: 19.374 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

Tgt Ion: 41 Resp: 50227
Ion Ratio Lower Upper
41 100
39 76.6 66.7 100.1
76 34.3 29.4 44.2

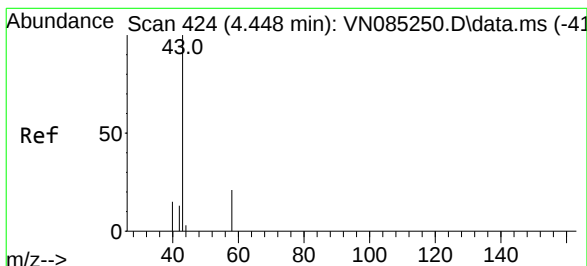
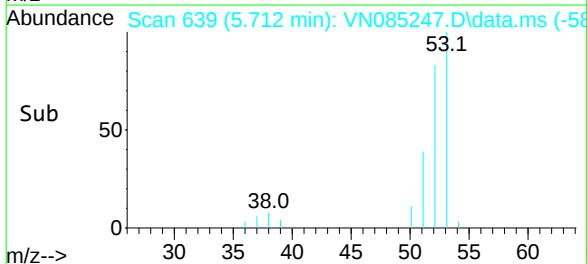
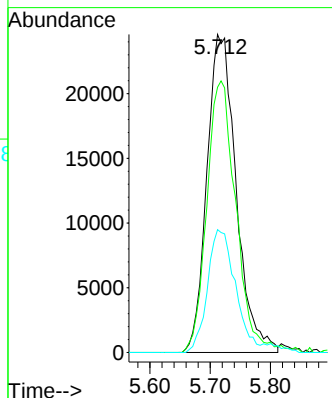
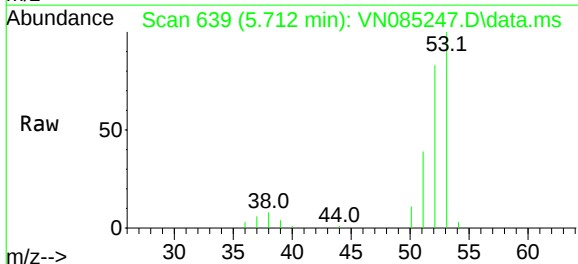




#15
Acrylonitrile
Concen: 95.772 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.000 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

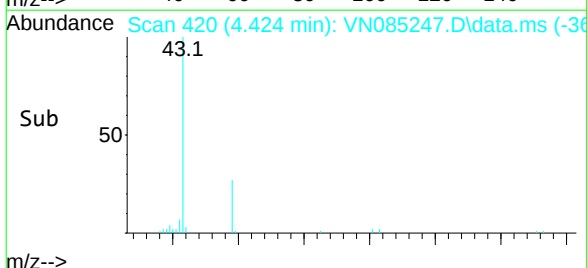
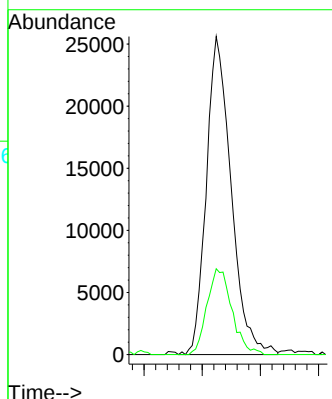
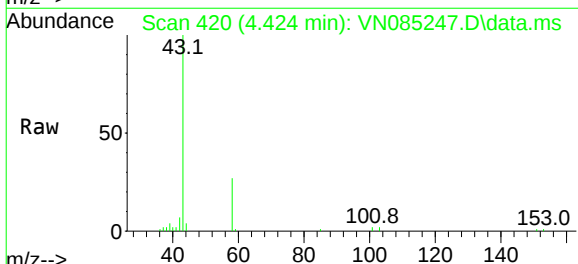
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

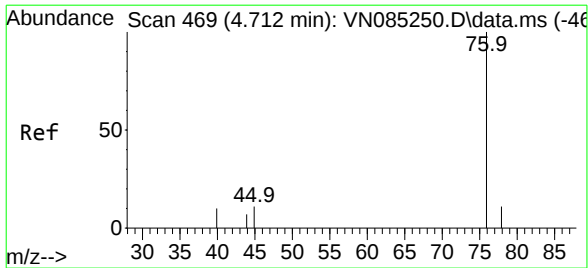
Tgt Ion: 53	Resp: 82870
Ion Ratio	Lower Upper
53 100	
52 85.5	66.3 99.5
51 36.8	28.2 42.2



#16
Acetone
Concen: 96.102 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

Tgt Ion: 43	Resp: 75866
Ion Ratio	Lower Upper
43 100	
58 27.0	20.8 31.2

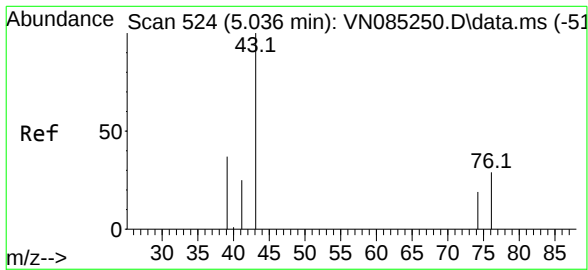
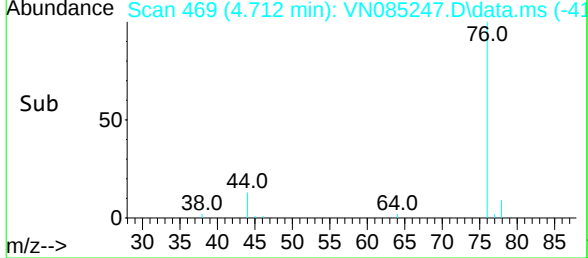
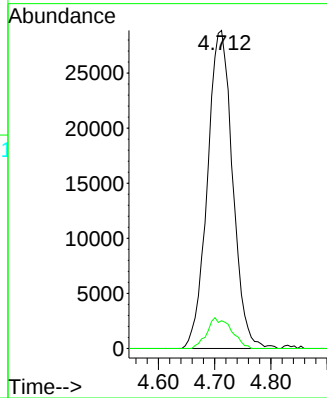
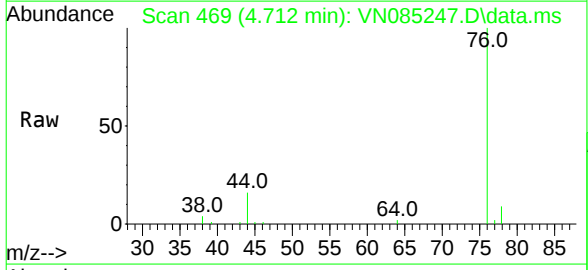




#17
Carbon Disulfide
Concen: 17.623 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

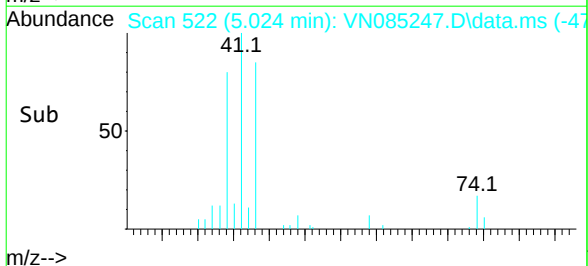
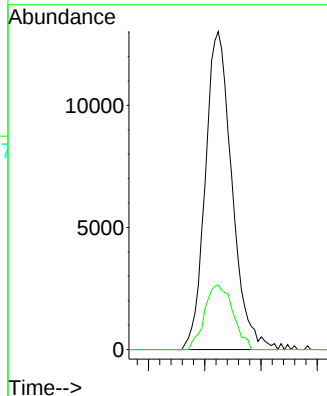
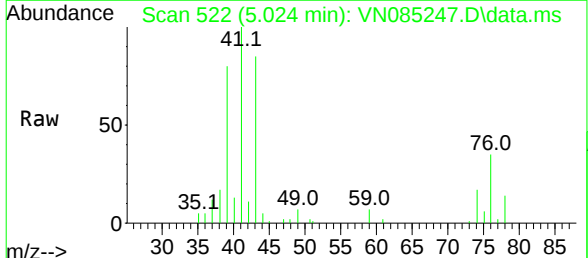
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

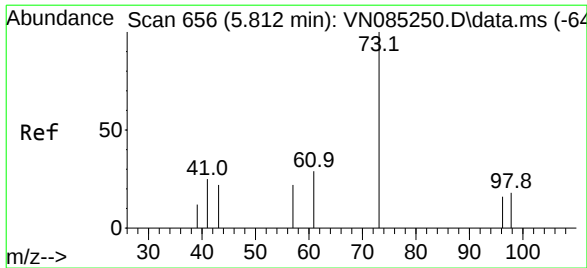
Tgt Ion: 76 Resp: 89817
Ion Ratio Lower Upper
76 100
78 8.7 6.8 10.2



#18
Methyl Acetate
Concen: 19.198 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

Tgt Ion: 43 Resp: 42905
Ion Ratio Lower Upper
43 100
74 21.5 17.5 26.3





#19

Methyl tert-butyl Ether

Concen: 19.444 ug/l

RT: 5.795 min Scan# 65

Delta R.T. -0.000 min

Lab File: VN085247.D

Acq: 18 Dec 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

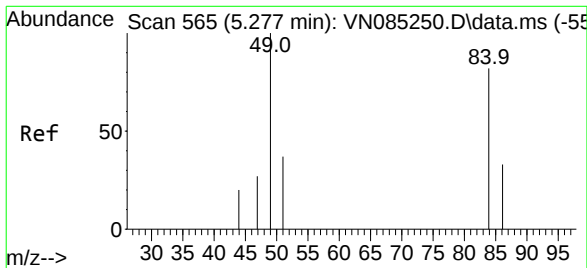
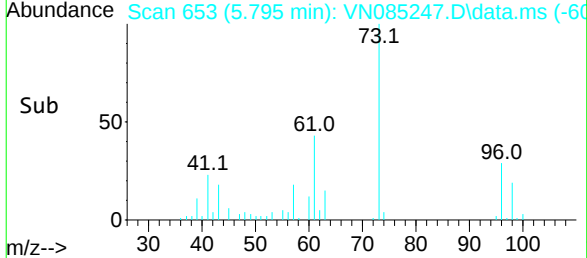
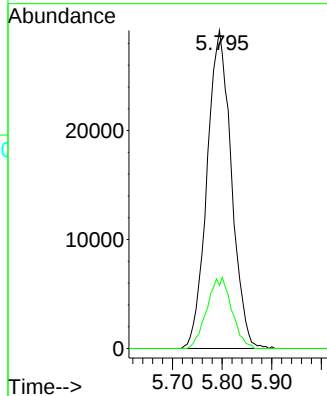
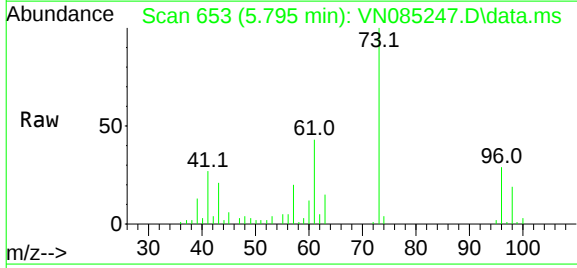
VSTDIC020

Tgt Ion: 73 Resp: 99531

Ion Ratio Lower Upper

73 100

57 19.8 17.0 25.6



#20

Methylene Chloride

Concen: 19.553 ug/l

RT: 5.271 min Scan# 564

Delta R.T. -0.006 min

Lab File: VN085247.D

Acq: 18 Dec 2024 12:44

Tgt Ion: 84 Resp: 33765

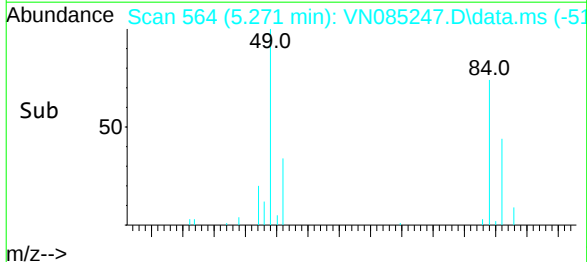
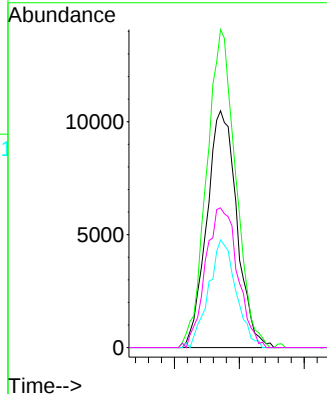
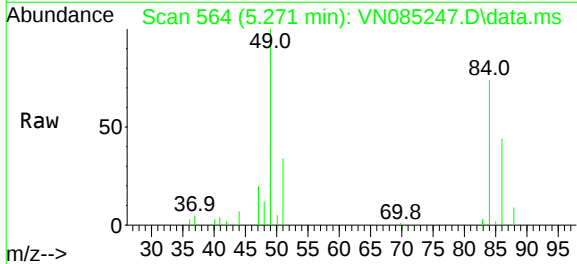
Ion Ratio Lower Upper

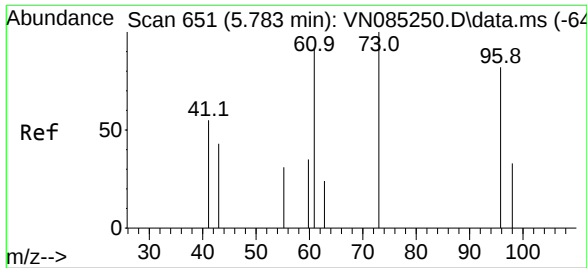
84 100

49 134.3 103.6 155.4

51 45.4 34.2 51.2

86 59.0 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 18.654 ug/l

RT: 5.783 min Scan# 651

Delta R.T. 0.006 min

Lab File: VN085247.D

Acq: 18 Dec 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

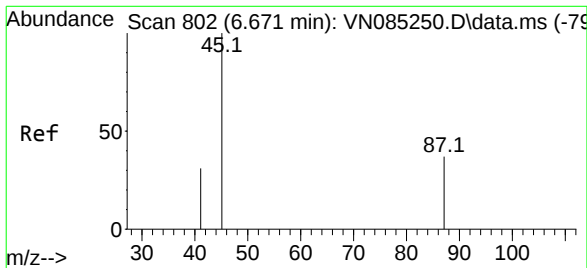
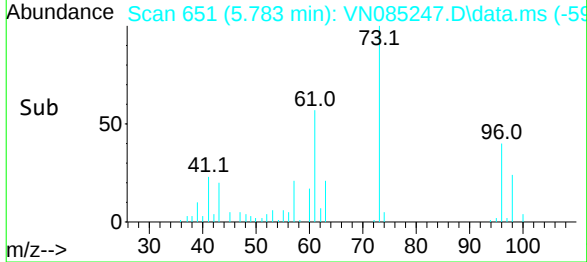
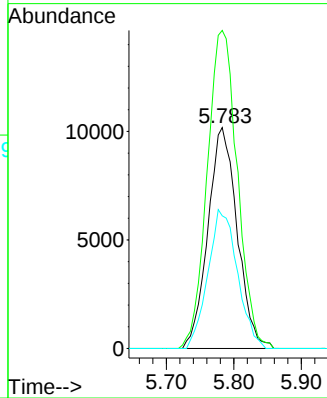
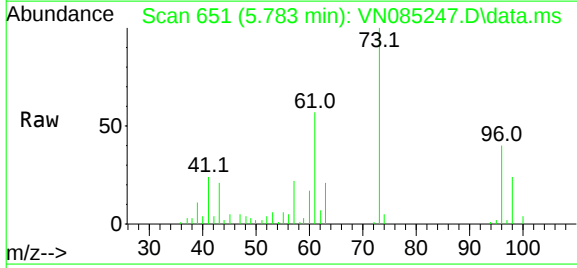
Tgt Ion: 96 Resp: 30715

Ion Ratio Lower Upper

96 100

61 144.0 122.0 183.0

98 60.1 54.3 81.5



#22

Diisopropyl ether

Concen: 19.882 ug/l

RT: 6.671 min Scan# 802

Delta R.T. -0.000 min

Lab File: VN085247.D

Acq: 18 Dec 2024 12:44

Tgt Ion: 45 Resp: 109701

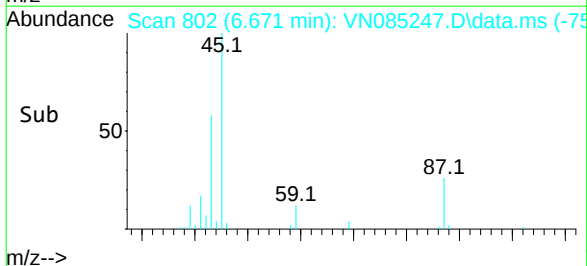
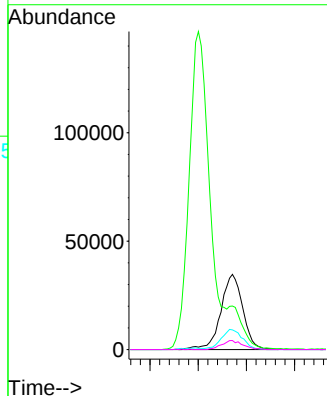
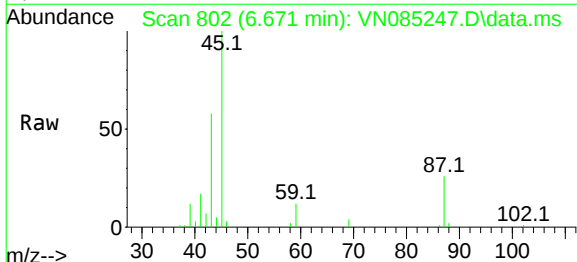
Ion Ratio Lower Upper

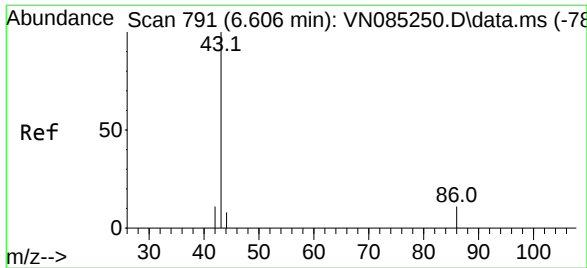
45 100

43 56.7 43.8 65.6

87 26.2 21.2 31.8

59 12.0 8.6 13.0





#23

Vinyl Acetate

Concen: 101.127 ug/l

RT: 6.600 min Scan# 791

Delta R.T. -0.000 min

Lab File: VN085247.D

Acq: 18 Dec 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

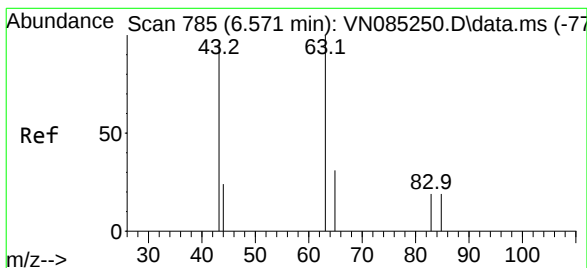
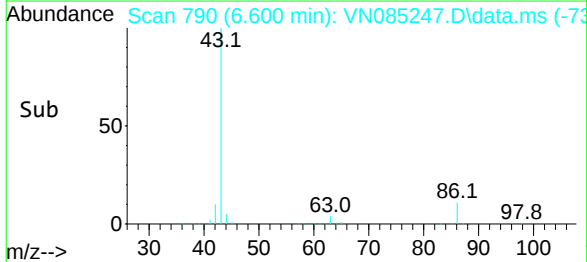
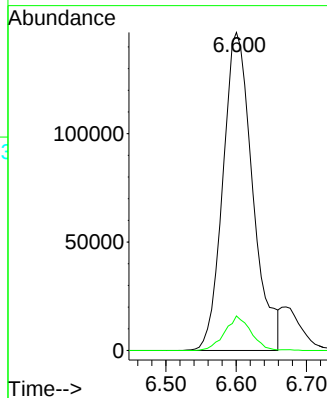
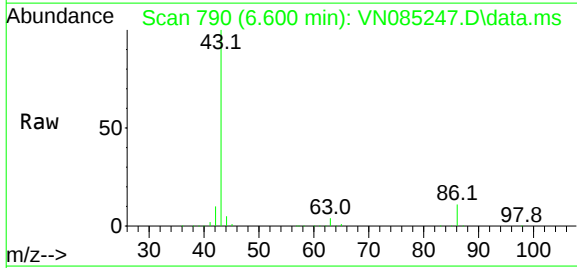
VSTDICC020

Tgt Ion: 43 Resp: 431157

Ion Ratio Lower Upper

43 100

86 10.8 7.8 11.8



#24

1,1-Dichloroethane

Concen: 19.685 ug/l

RT: 6.559 min Scan# 783

Delta R.T. -0.006 min

Lab File: VN085247.D

Acq: 18 Dec 2024 12:44

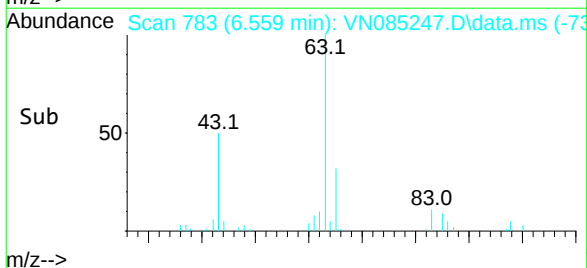
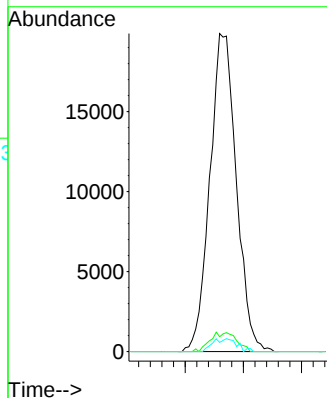
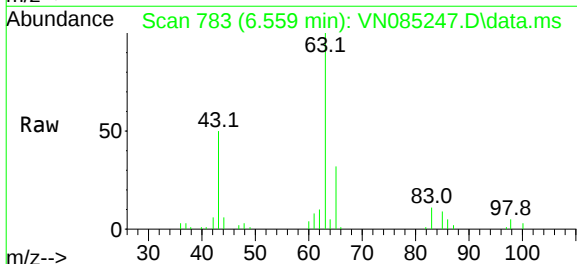
Tgt Ion: 63 Resp: 62918

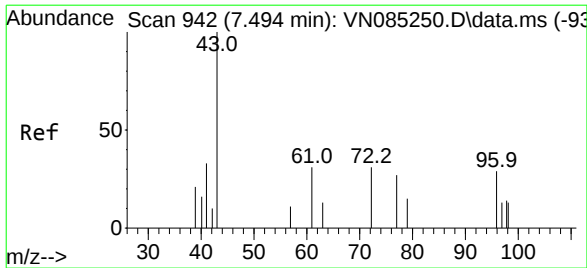
Ion Ratio Lower Upper

63 100

98 4.7 2.9 8.6

100 2.9 2.1 6.5





#25

2-Butanone

Concen: 97.044 ug/l

RT: 7.483 min Scan# 94

Delta R.T. -0.000 min

Lab File: VN085247.D

Acq: 18 Dec 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

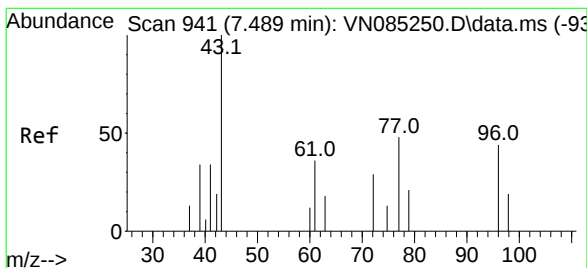
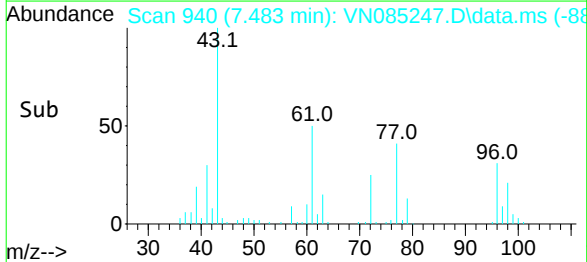
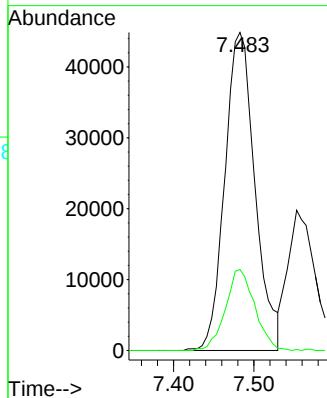
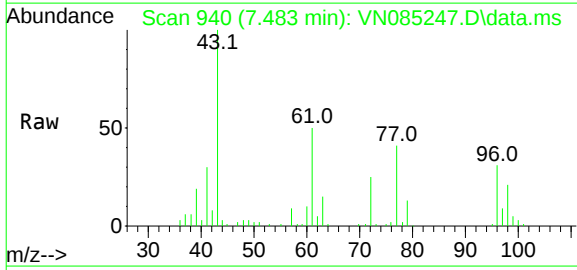
VSTDICC020

Tgt Ion: 43 Resp: 117321

Ion Ratio Lower Upper

43 100

72 25.4 19.6 29.4



#26

2,2-Dichloropropane

Concen: 18.671 ug/l

RT: 7.489 min Scan# 941

Delta R.T. -0.000 min

Lab File: VN085247.D

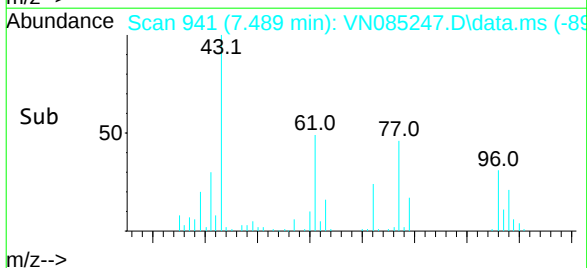
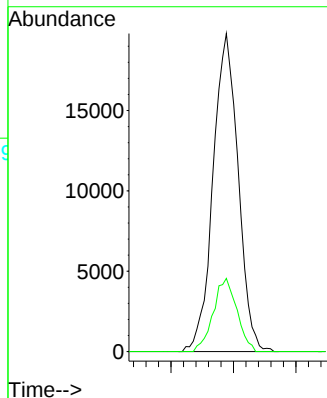
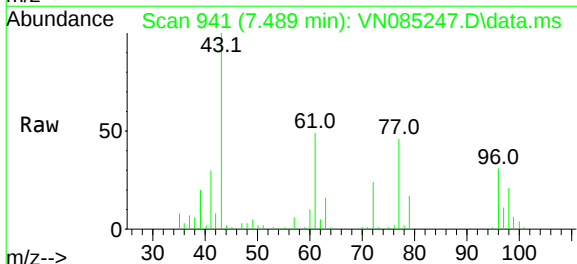
Acq: 18 Dec 2024 12:44

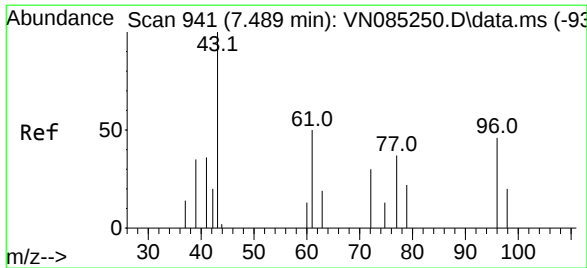
Tgt Ion: 77 Resp: 55260

Ion Ratio Lower Upper

77 100

97 21.7 10.5 31.6

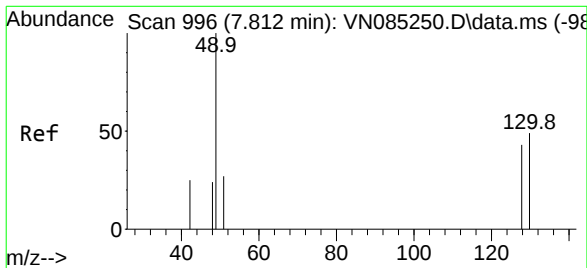
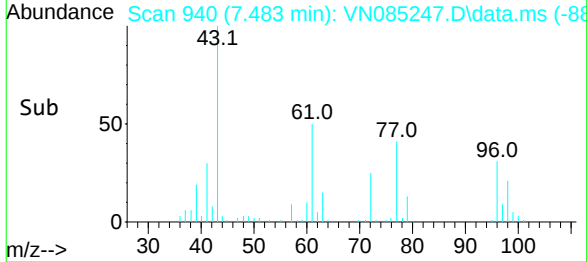
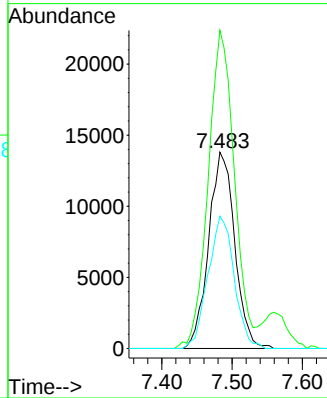
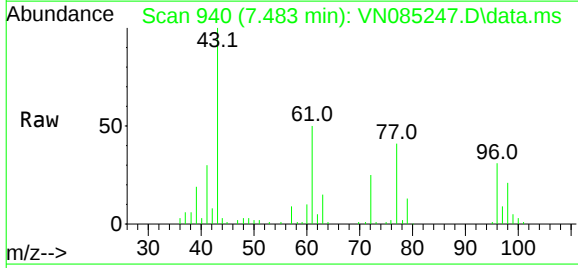




#27
 cis-1,2-Dichloroethene
 Concen: 18.560 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN085247.D
 Acq: 18 Dec 2024 12:44

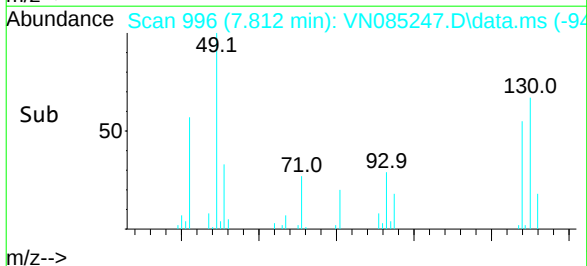
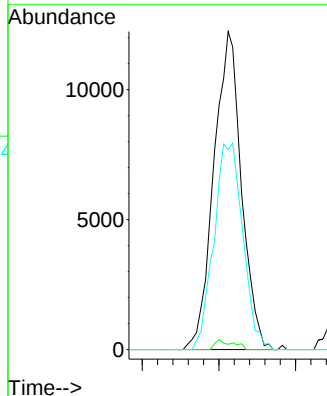
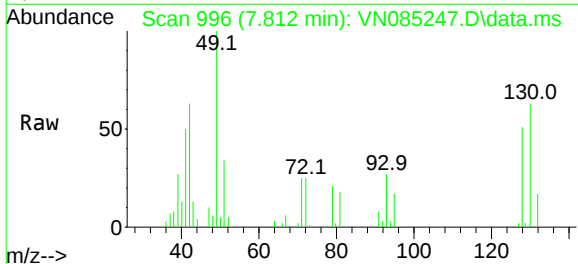
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

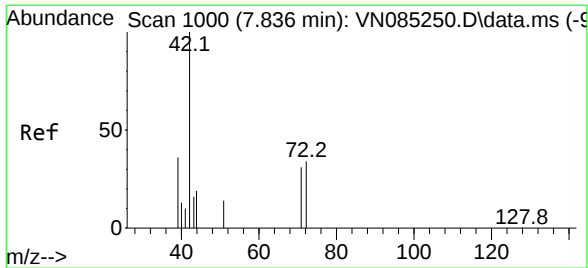
Tgt Ion: 96 Resp: 35581
 Ion Ratio Lower Upper
 96 100
 61 163.9 0.0 316.4
 98 67.7 0.0 125.4



#28
 Bromochloromethane
 Concen: 18.960 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN085247.D
 Acq: 18 Dec 2024 12:44

Tgt Ion: 49 Resp: 30562
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.4
 130 68.1 54.1 81.1

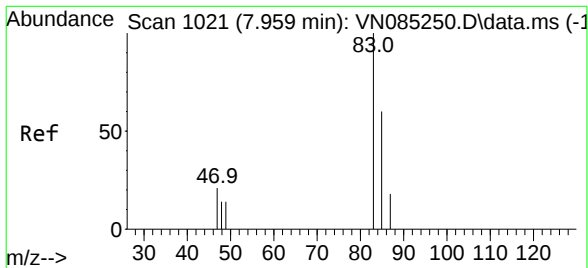
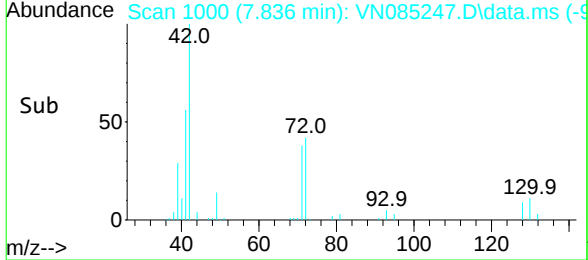
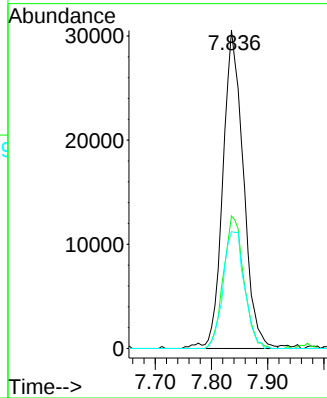
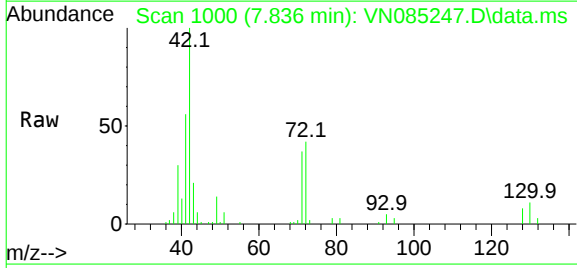




#29
Tetrahydrofuran
Concen: 99.294 ug/l
RT: 7.836 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

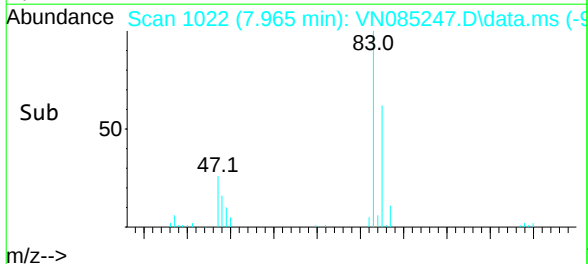
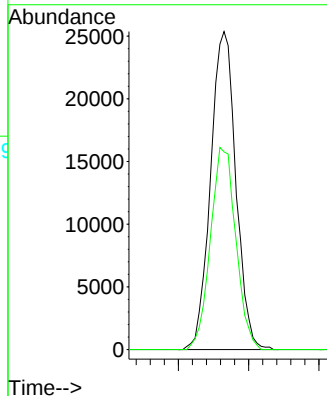
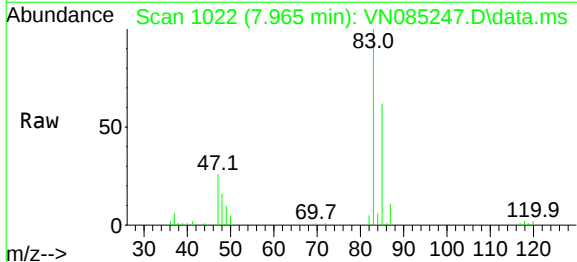
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

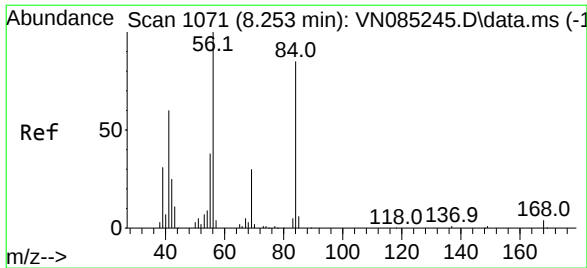
Tgt Ion:	42	Resp:	77380
Ion	Ratio	Lower	Upper
42	100		
72	41.2	32.7	49.1
71	38.4	31.4	47.2



#30
Chloroform
Concen: 18.586 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

Tgt Ion:	83	Resp:	63439
Ion	Ratio	Lower	Upper
83	100		
85	62.2	51.4	77.0





#31

Cyclohexane

Concen: 18.388 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN085247.D

Acq: 18 Dec 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

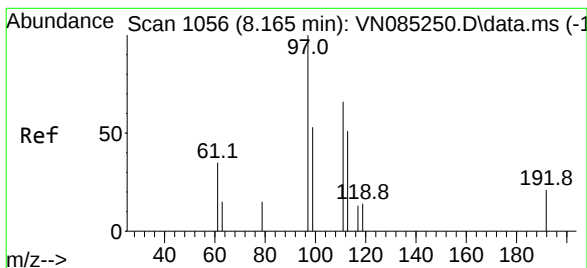
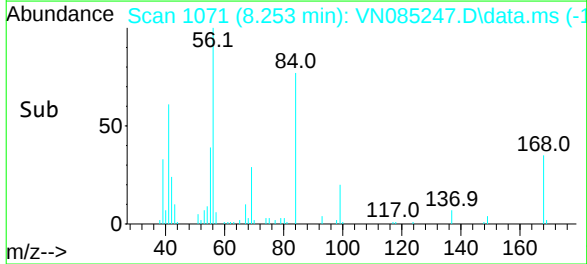
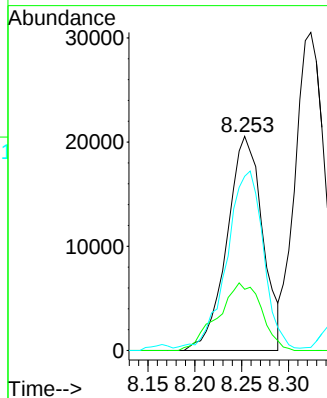
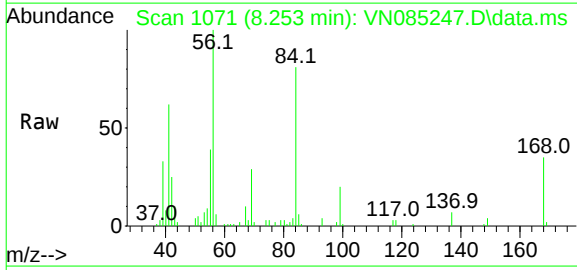
Tgt Ion: 56 Resp: 54406

Ion Ratio Lower Upper

56 100

69 28.6 23.6 35.4

84 79.6 66.6 99.8



#32

1,1,1-Trichloroethane

Concen: 19.327 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN085247.D

Acq: 18 Dec 2024 12:44

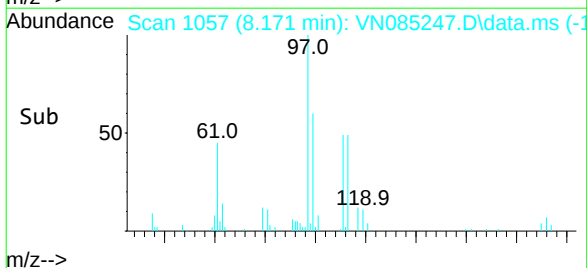
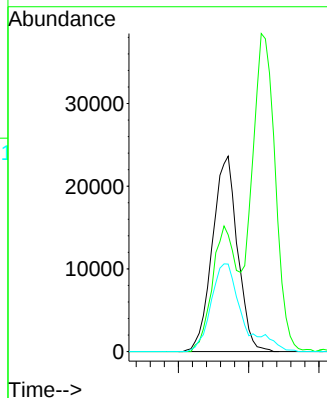
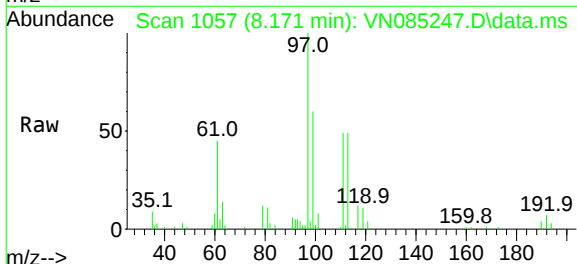
Tgt Ion: 97 Resp: 58796

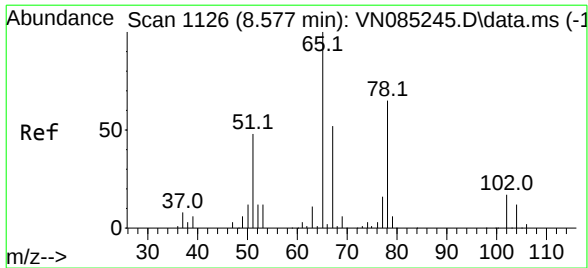
Ion Ratio Lower Upper

97 100

99 62.1 51.4 77.0

61 55.3 40.4 60.6



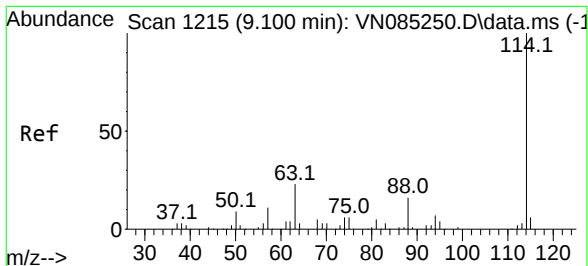
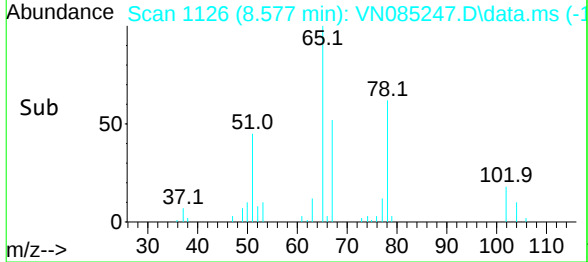
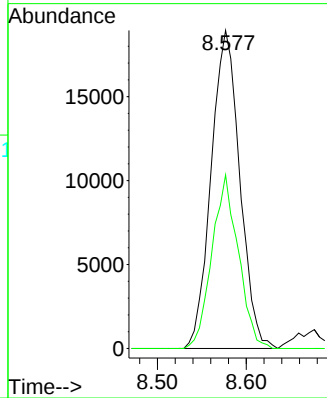
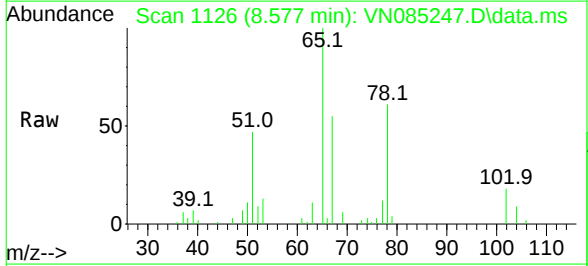


#33
 1,2-Dichloroethane-d4
 Concen: 18.569 ug/l
 RT: 8.577 min Scan# 1116
 Delta R.T. -0.000 min
 Lab File: VN085247.D
 Acq: 18 Dec 2024 12:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion: 65 Resp: 42467

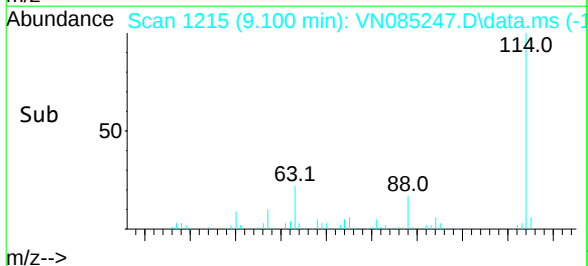
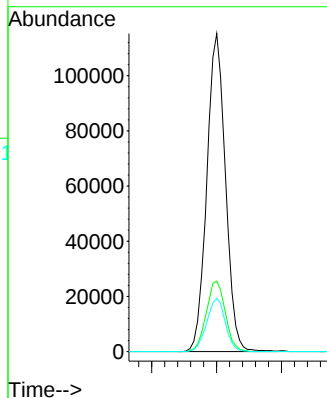
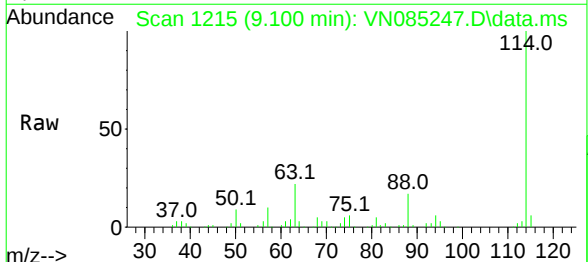
Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	102.2

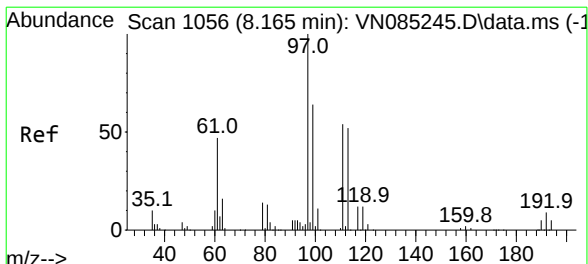


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN085247.D
 Acq: 18 Dec 2024 12:44

Tgt Ion: 114 Resp: 230166

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	46.2
88	16.7	0.0	32.6

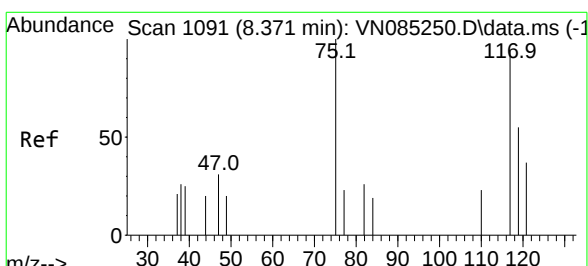
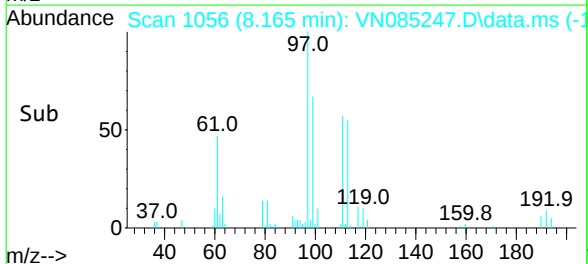
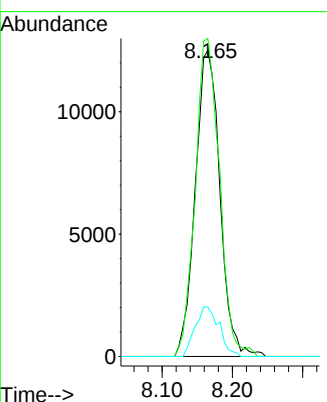
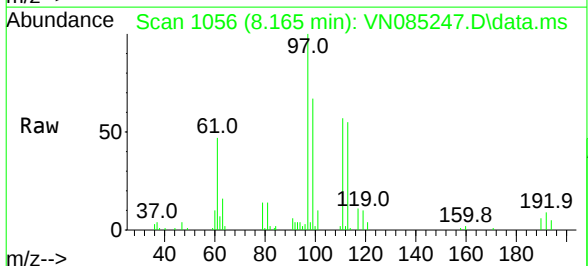




#35
 Dibromofluoromethane
 Concen: 18.826 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN085247.D
 Acq: 18 Dec 2024 12:44

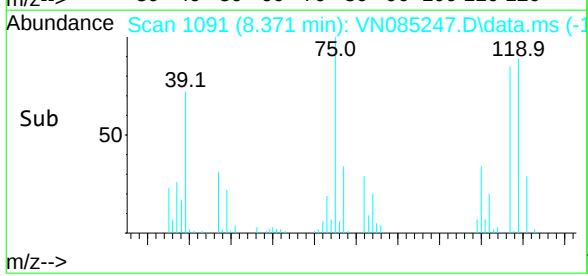
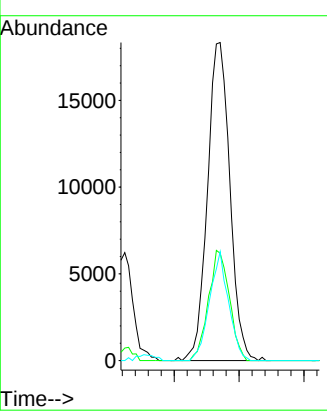
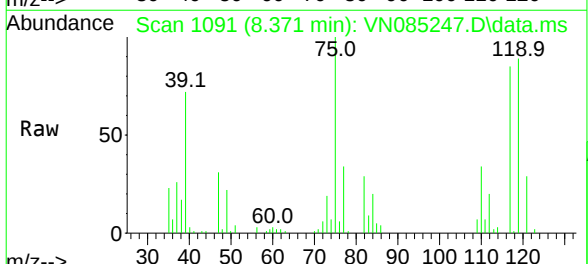
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

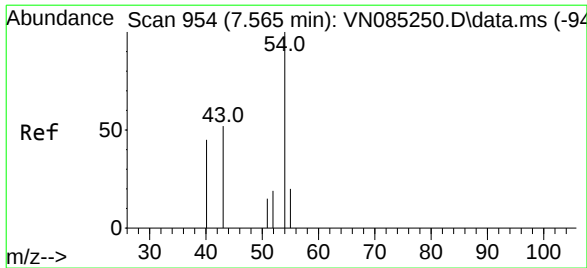
Tgt Ion:	113	Resp:	30464
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.1	123.1
192	15.8	13.4	20.0



#36
 1,1-Dichloropropene
 Concen: 19.535 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.006 min
 Lab File: VN085247.D
 Acq: 18 Dec 2024 12:44

Tgt Ion:	75	Resp:	44017
Ion	Ratio	Lower	Upper
75	100		
110	32.3	16.0	48.0
77	29.2	24.6	36.8





#37

Ethyl Acetate

Concen: 18.729 ug/l

RT: 7.553 min Scan# 95

Delta R.T. -0.006 min

Lab File: VN085247.D

Acq: 18 Dec 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

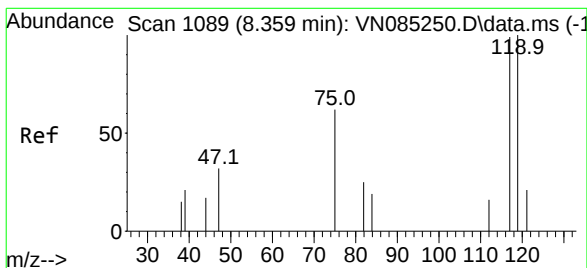
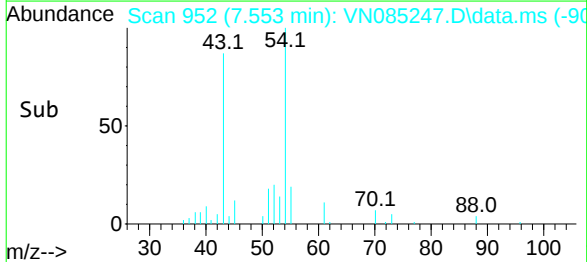
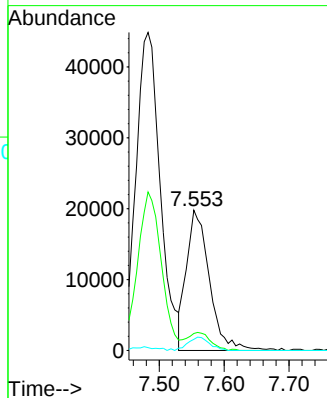
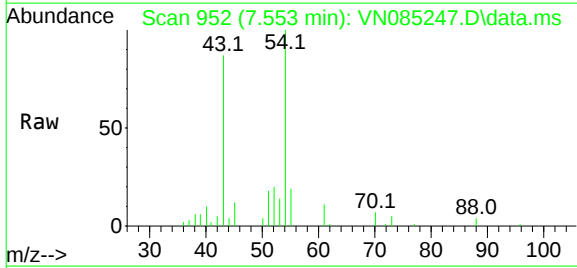
Tgt Ion: 43 Resp: 48687

Ion Ratio Lower Upper

43 100

61 12.7 9.8 14.6

70 8.8 7.8 11.8



#38

Carbon Tetrachloride

Concen: 18.586 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VN085247.D

Acq: 18 Dec 2024 12:44

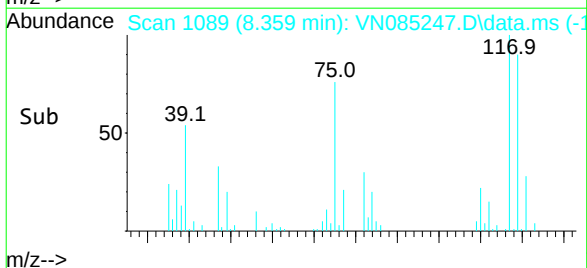
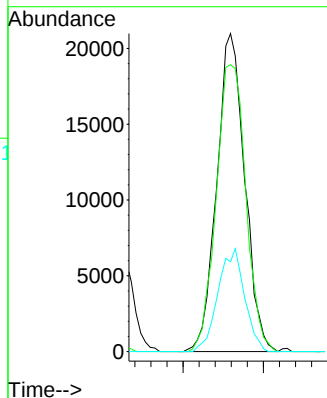
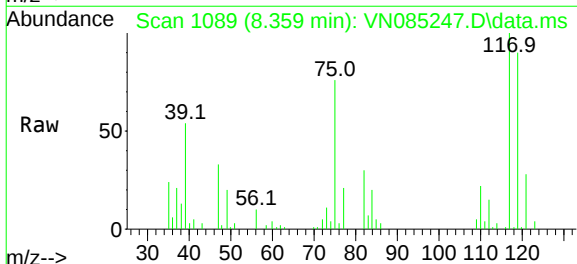
Tgt Ion: 117 Resp: 50634

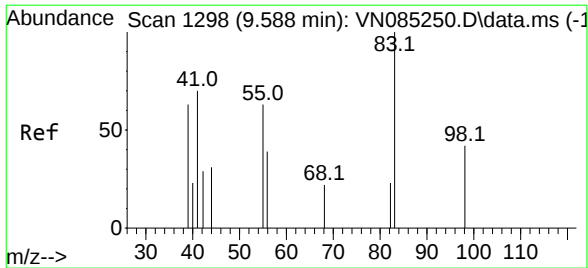
Ion Ratio Lower Upper

117 100

119 90.2 74.8 112.2

121 28.2 24.2 36.4

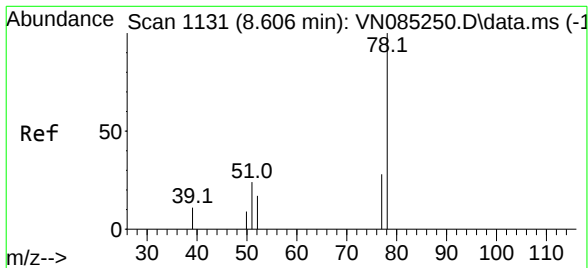
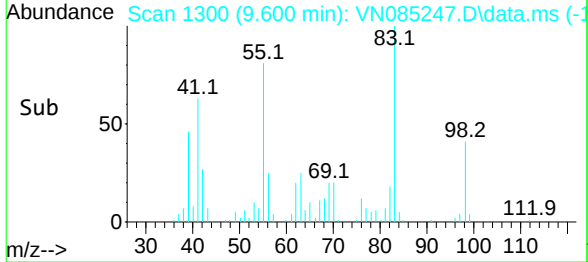
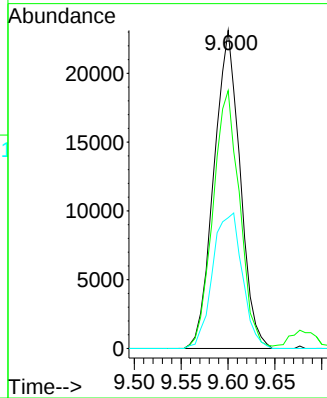
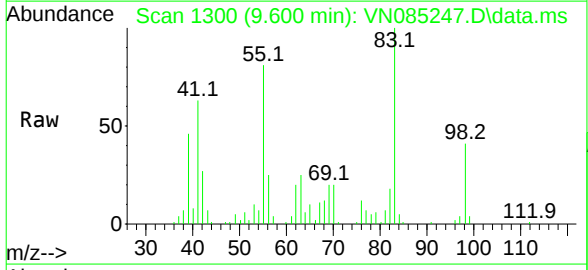




#39
Methylcyclohexane
Concen: 19.134 ug/l
RT: 9.600 min Scan# 13
Delta R.T. -0.000 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

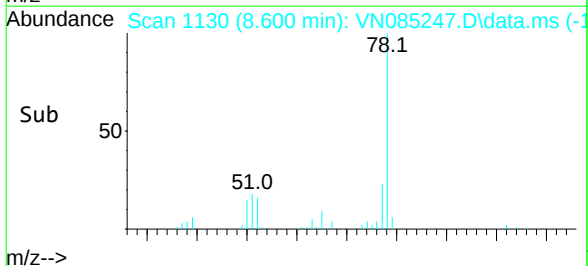
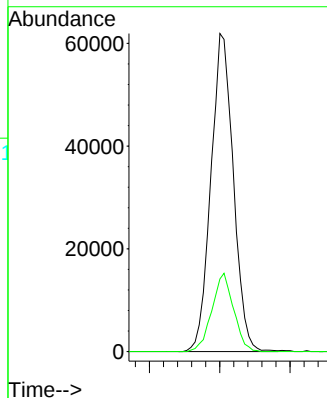
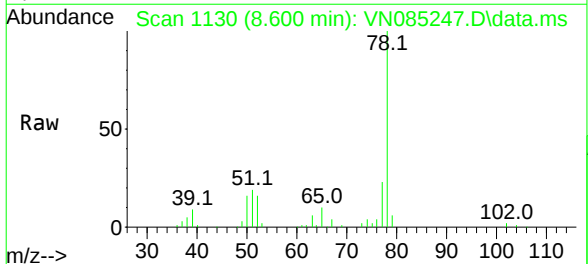
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

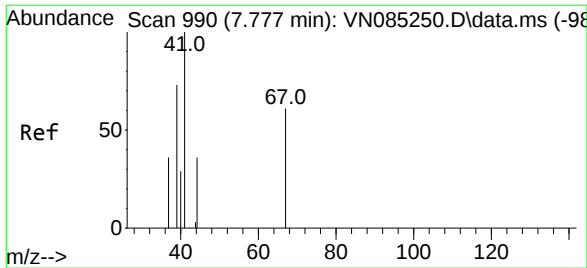
Tgt Ion: 83 Resp: 44865
Ion Ratio Lower Upper
83 100
55 81.1 66.8 100.2
98 41.1 39.4 59.2



#40
Benzene
Concen: 19.615 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

Tgt Ion: 78 Resp: 137494
Ion Ratio Lower Upper
78 100
77 22.8 18.9 28.3

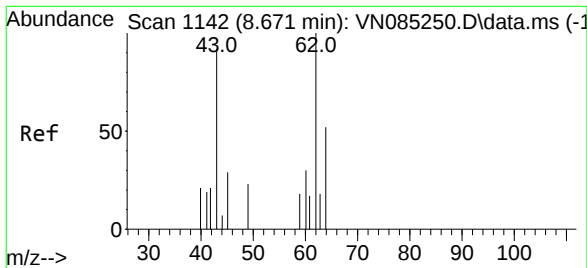
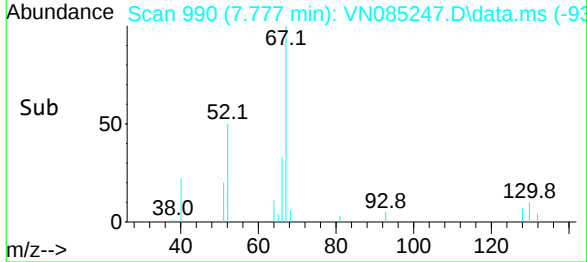
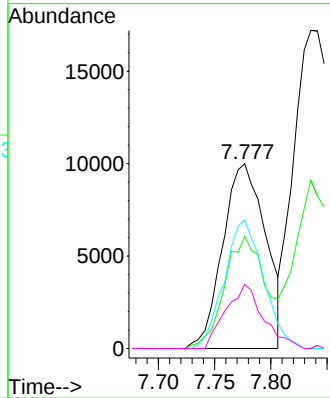
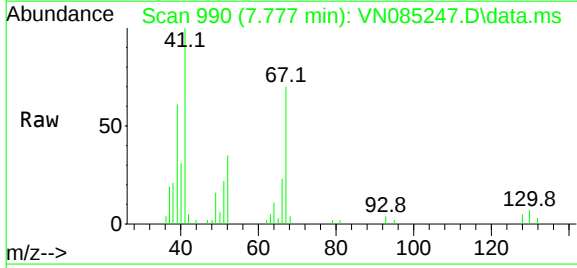




#41
Methacrylonitrile
Concen: 20.003 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

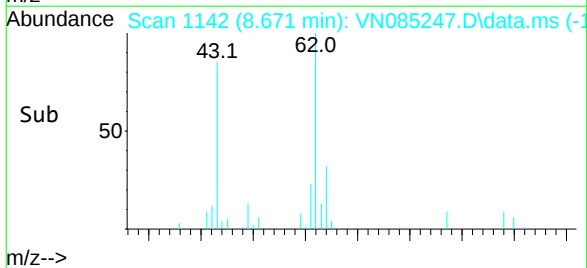
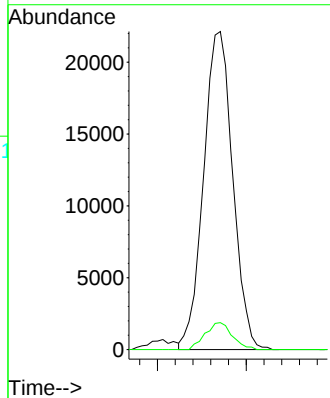
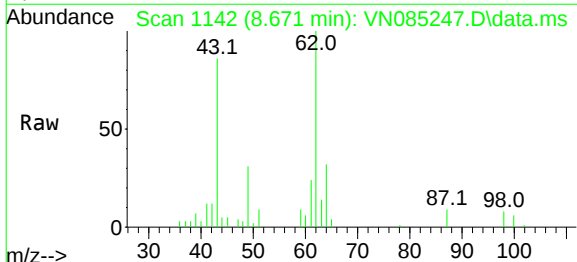
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

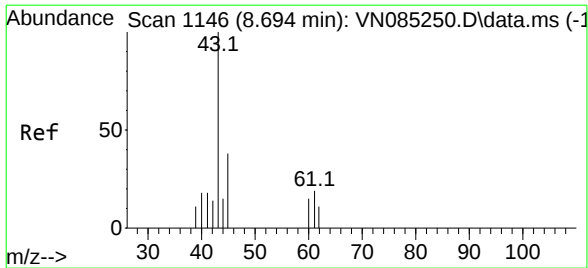
Tgt Ion:	41	Resp:	26500
Ion	Ratio	Lower	Upper
41	100		
39	57.9	44.0	66.0
67	63.6	56.0	84.0
52	30.3	25.8	38.6



#42
1,2-Dichloroethane
Concen: 18.903 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

Tgt Ion:	62	Resp:	50473
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	16.4

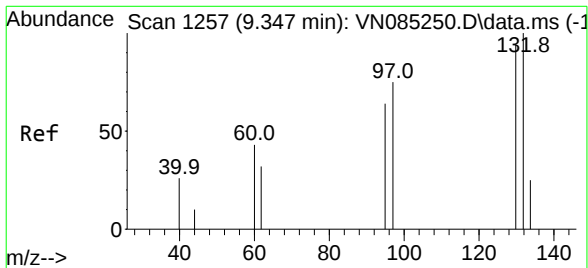
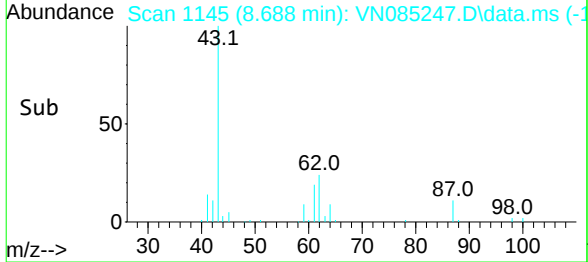
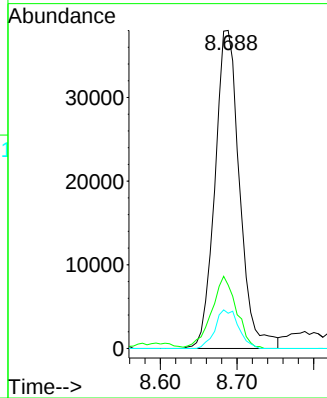
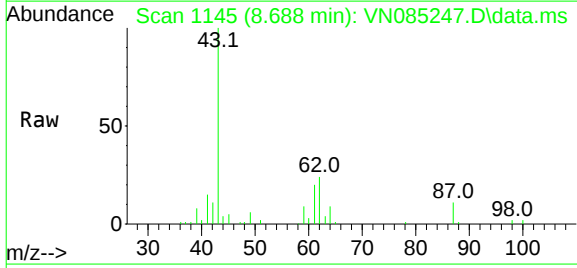




#43
Isopropyl Acetate
Concen: 17.884 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

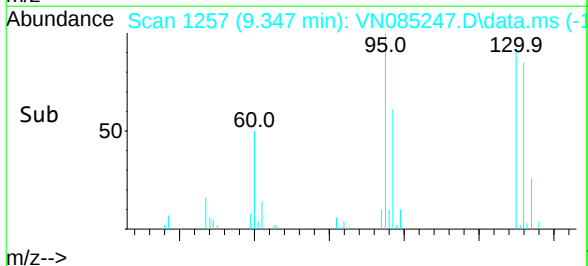
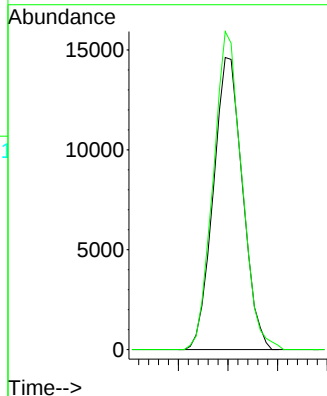
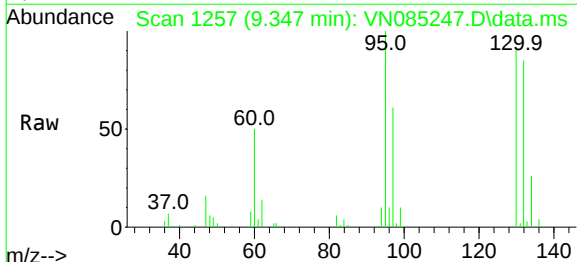
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

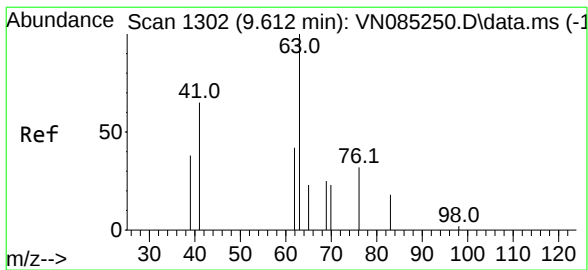
Tgt Ion: 43	Resp: 85017
Ion Ratio	Lower Upper
43 100	
61 22.9	19.0 28.4
87 11.6	9.3 13.9



#44
Trichloroethene
Concen: 19.194 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

Tgt Ion: 130	Resp: 29954
Ion Ratio	Lower Upper
130 100	
95 108.9	0.0 207.6





#45

1,2-Dichloropropane

Concen: 18.857 ug/l

RT: 9.618 min Scan# 13

Delta R.T. -0.000 min

Lab File: VN085247.D

Acq: 18 Dec 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

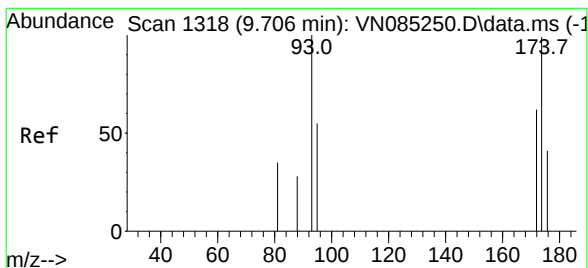
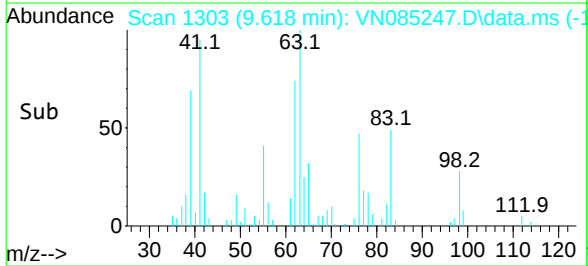
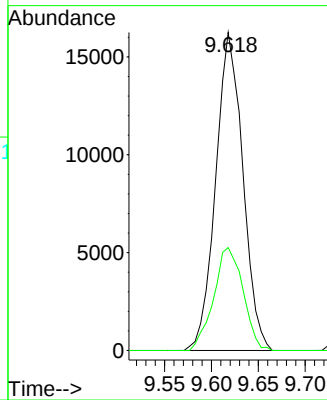
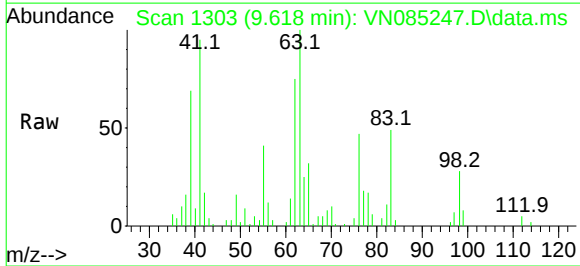
VSTDICC020

Tgt Ion: 63 Resp: 32728

Ion Ratio Lower Upper

63 100

65 32.4 24.0 36.0



#46

Dibromomethane

Concen: 19.110 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN085247.D

Acq: 18 Dec 2024 12:44

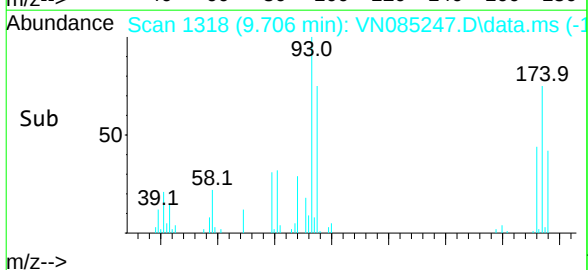
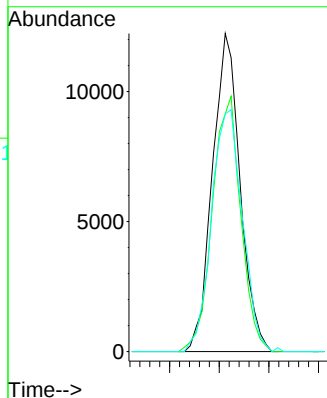
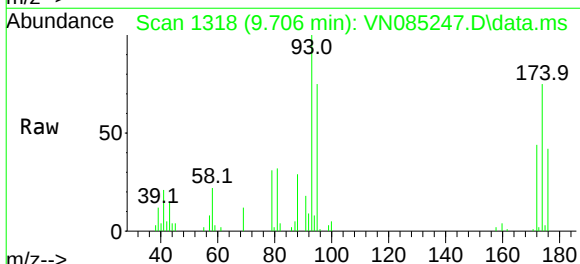
Tgt Ion: 93 Resp: 23677

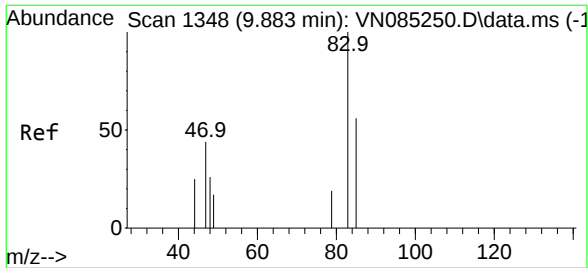
Ion Ratio Lower Upper

93 100

95 82.4 67.0 100.6

174 85.0 69.3 103.9

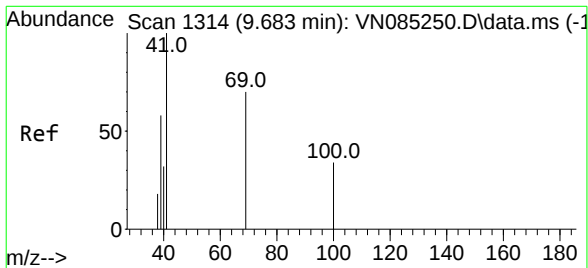
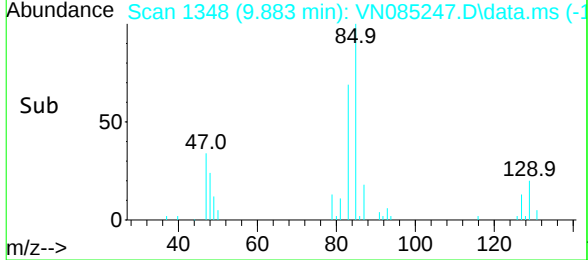
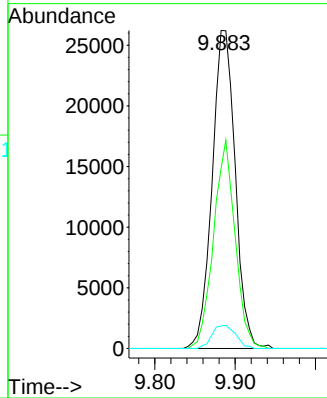
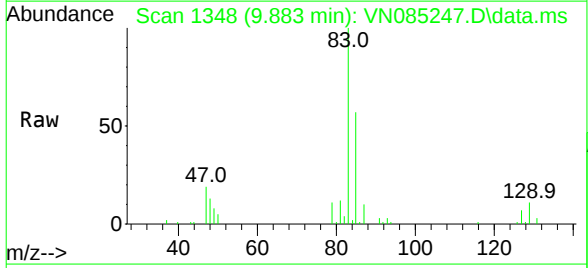




#47
Bromodichloromethane
Concen: 19.745 ug/l
RT: 9.883 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

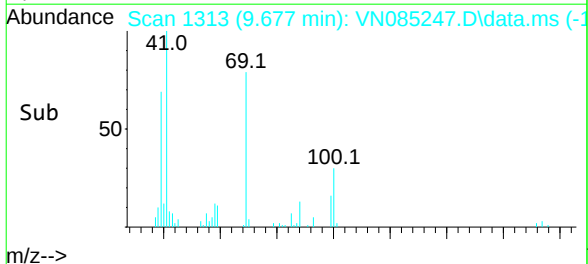
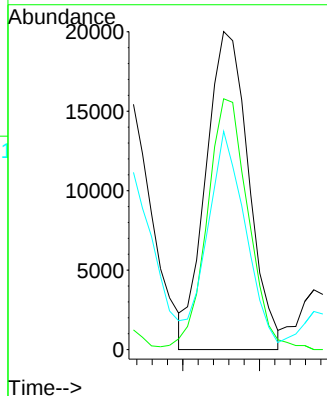
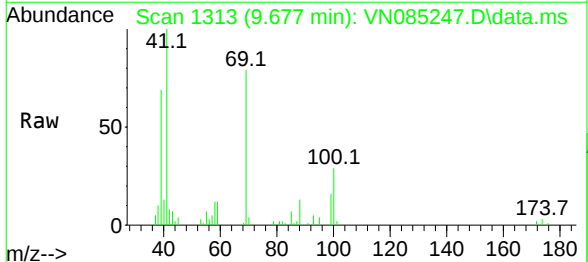
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

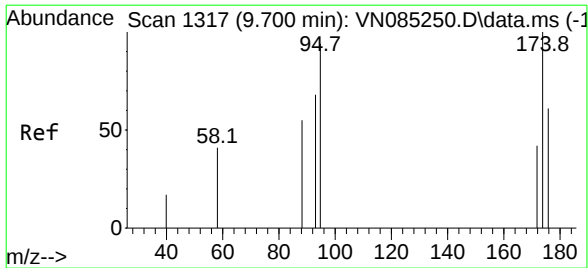
Tgt Ion:	83	Resp:	52414
Ion	Ratio	Lower	Upper
83	100		
85	56.6	51.0	76.4
127	7.1	6.3	9.5



#48
Methyl methacrylate
Concen: 19.861 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

Tgt Ion:	41	Resp:	38703
Ion	Ratio	Lower	Upper
41	100		
69	76.2	61.0	91.4
39	61.9	49.8	74.8

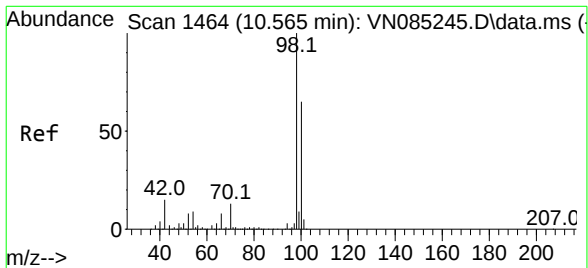
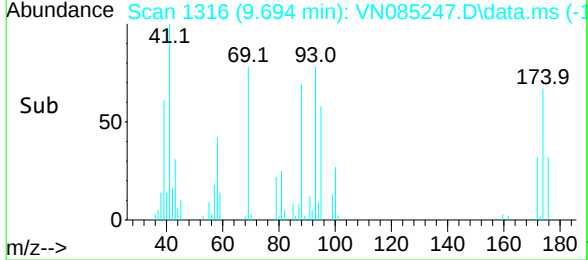
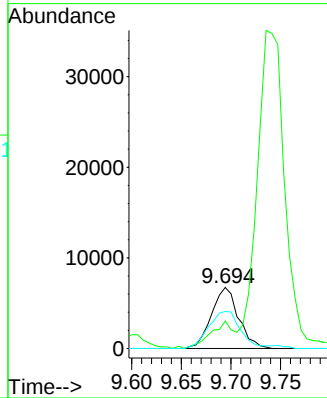
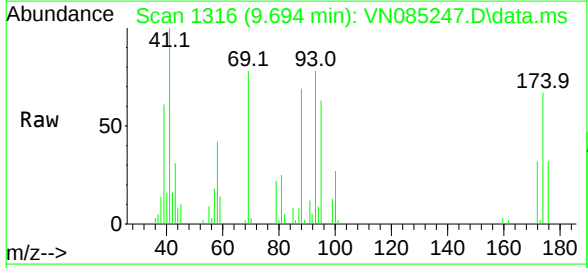




#49
1,4-Dioxane
Concen: 415.595 ug/l
RT: 9.694 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

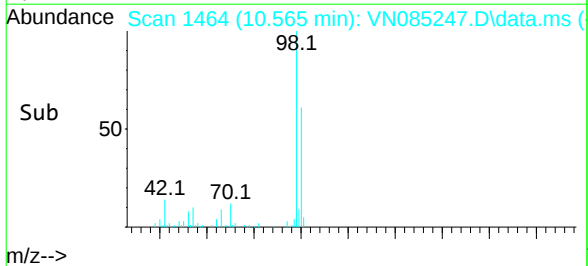
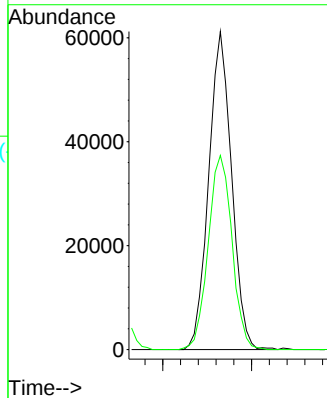
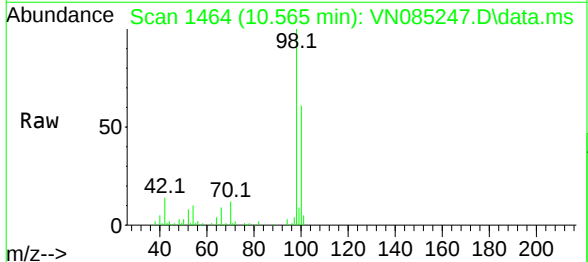
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

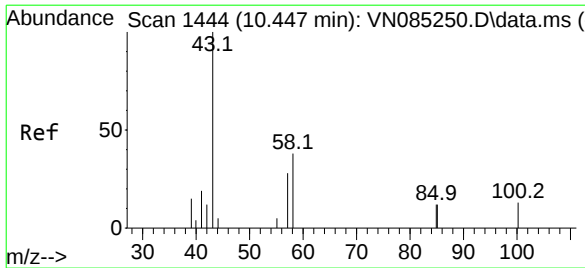
Tgt Ion: 88 Resp: 12769
Ion Ratio Lower Upper
88 100
43 39.4 25.6 38.4#
58 74.3 56.5 84.7



#50
Toluene-d8
Concen: 18.517 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

Tgt Ion: 98 Resp: 109520
Ion Ratio Lower Upper
98 100
100 63.5 51.6 77.4

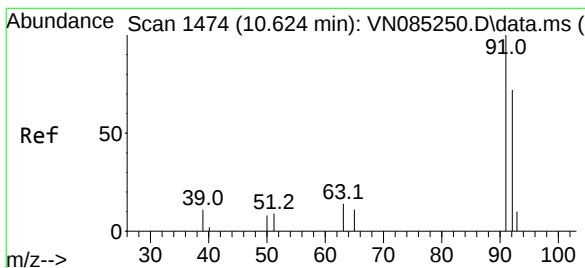
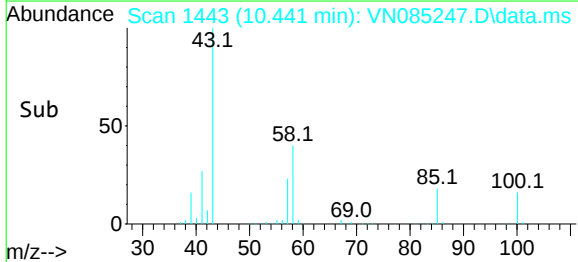
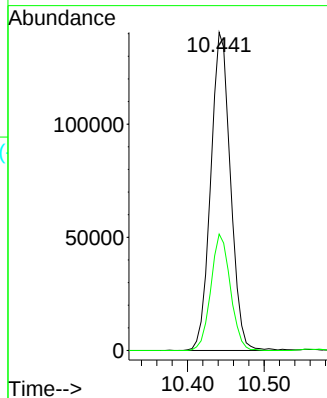
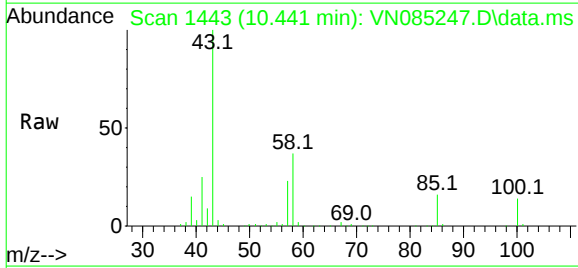




#51
4-Methyl-2-Pentanone
Concen: 100.473 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

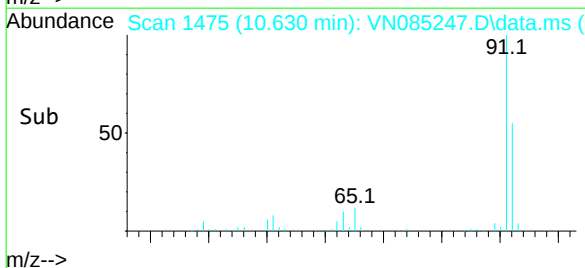
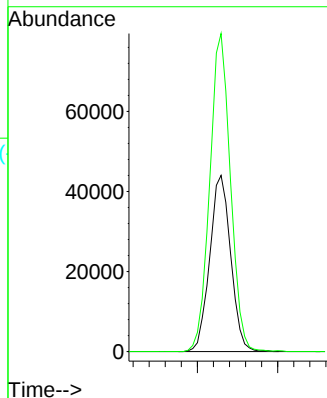
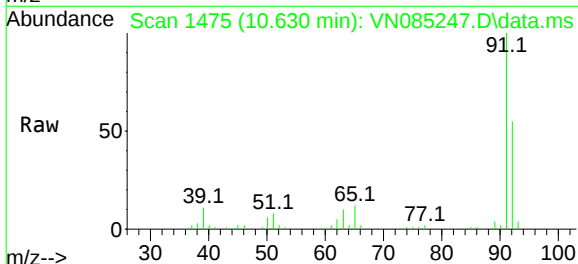
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

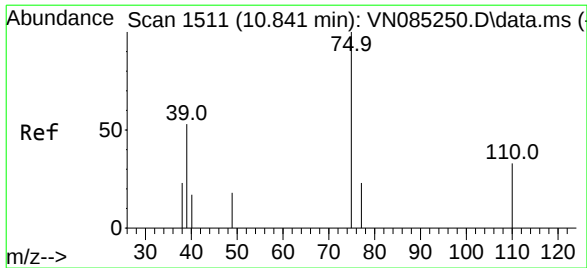
Tgt Ion: 43 Resp: 250961
Ion Ratio Lower Upper
43 100
58 36.2 29.4 44.2



#52
Toluene
Concen: 18.940 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

Tgt Ion: 92 Resp: 79828
Ion Ratio Lower Upper
92 100
91 177.9 138.9 208.3

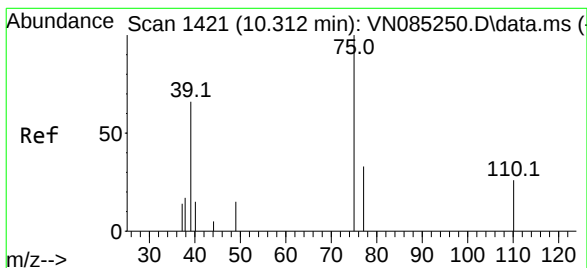
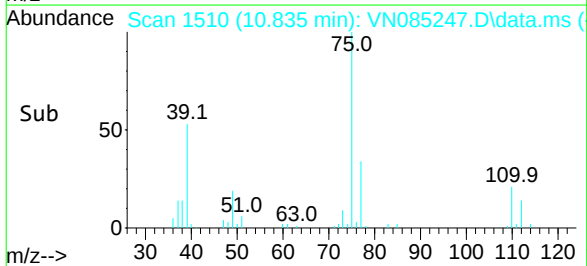
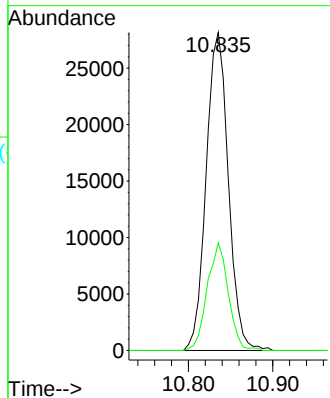
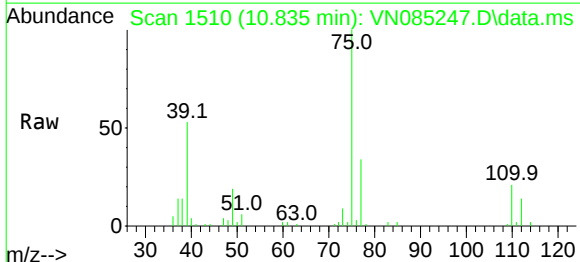




#53
t-1,3-Dichloropropene
Concen: 19.900 ug/l
RT: 10.835 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

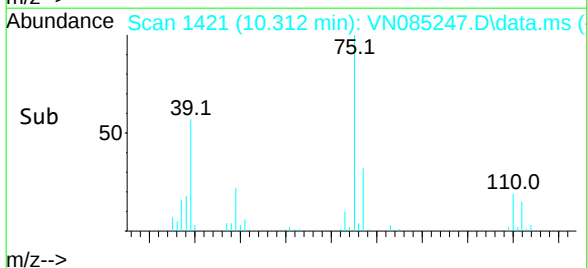
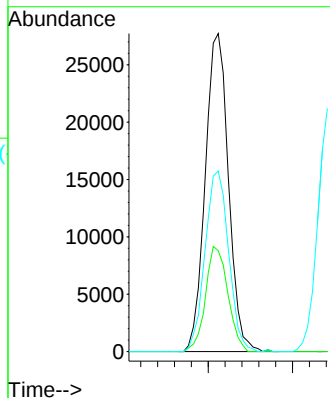
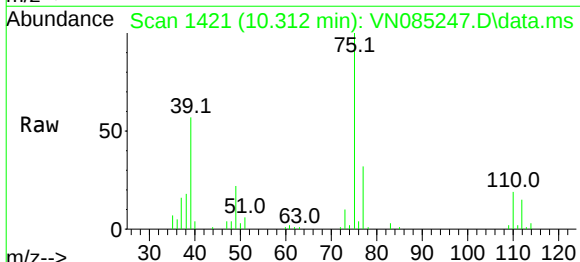
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

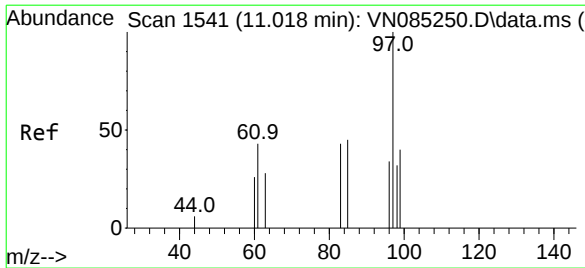
Tgt Ion: 75 Resp: 51490
Ion Ratio Lower Upper
75 100
77 33.9 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 19.256 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

Tgt Ion: 75 Resp: 52973
Ion Ratio Lower Upper
75 100
77 31.7 26.6 39.8
39 56.8 45.3 67.9





#55

1,1,2-Trichloroethane

Concen: 19.818 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.006 min

Lab File: VN085247.D

Acq: 18 Dec 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 97 Resp: 31277

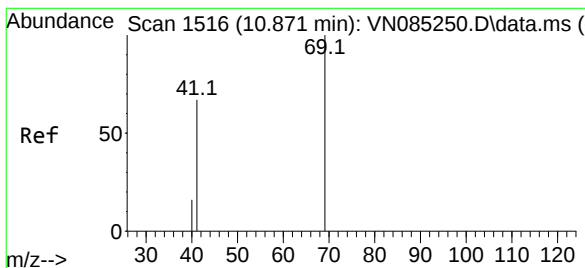
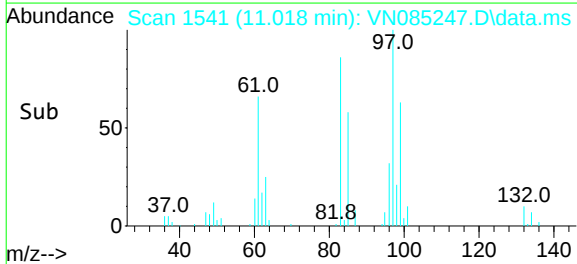
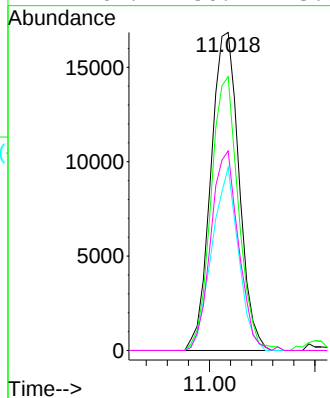
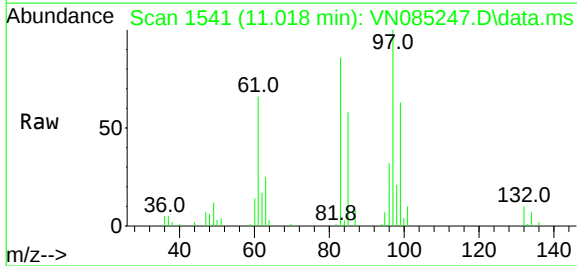
Ion Ratio Lower Upper

97 100

83 86.1 69.6 104.4

85 57.6 45.7 68.5

99 62.7 50.4 75.6



#56

Ethyl methacrylate

Concen: 17.766 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VN085247.D

Acq: 18 Dec 2024 12:44

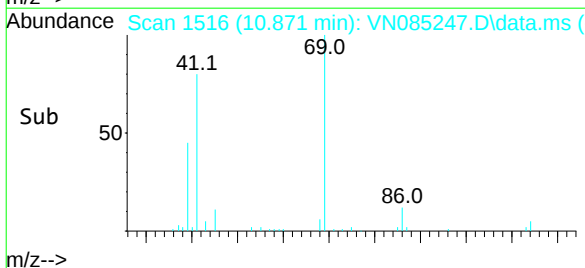
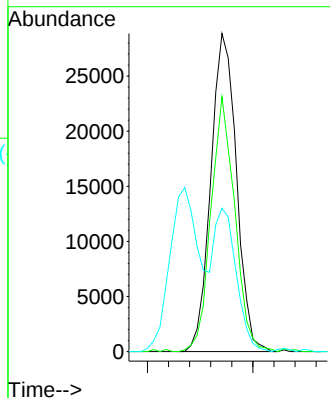
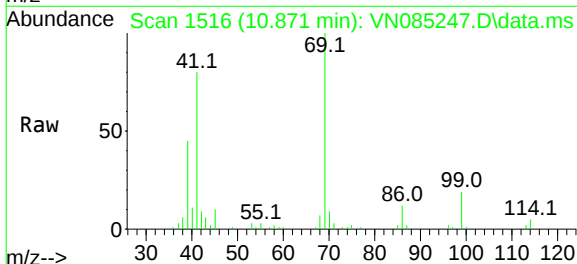
Tgt Ion: 69 Resp: 48783

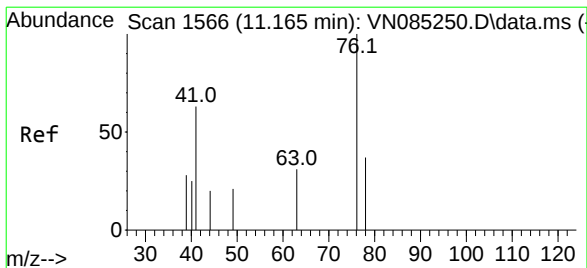
Ion Ratio Lower Upper

69 100

41 74.4 57.5 86.3

39 38.3 33.4 50.2





#57

1,3-Dichloropropane

Concen: 19.270 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN085247.D

Acq: 18 Dec 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

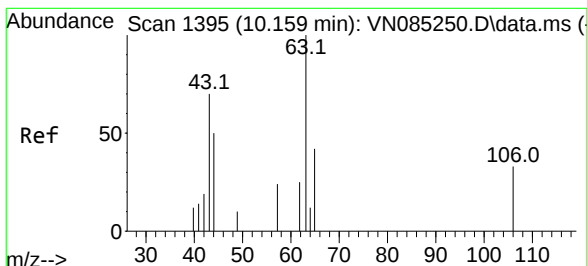
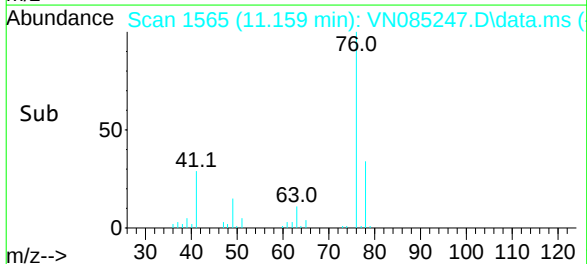
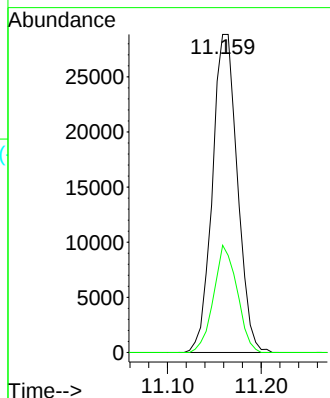
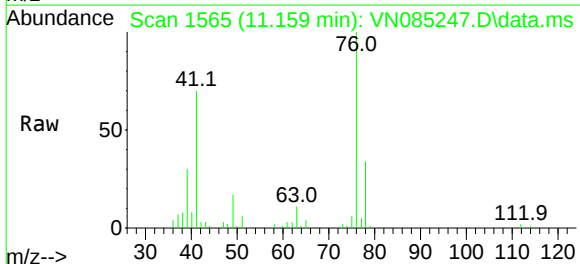
VSTDIC020

Tgt Ion: 76 Resp: 53527

Ion Ratio Lower Upper

76 100

78 31.7 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 86.401 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN085247.D

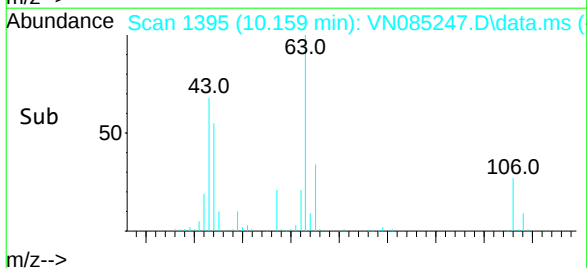
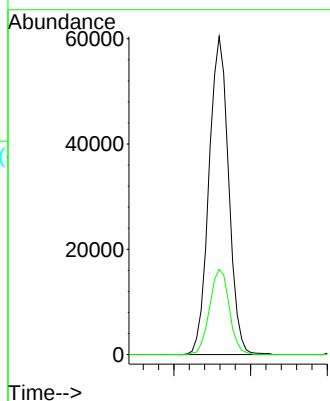
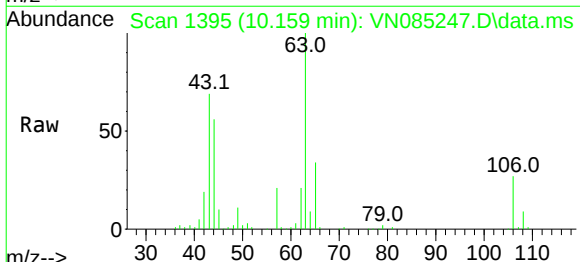
Acq: 18 Dec 2024 12:44

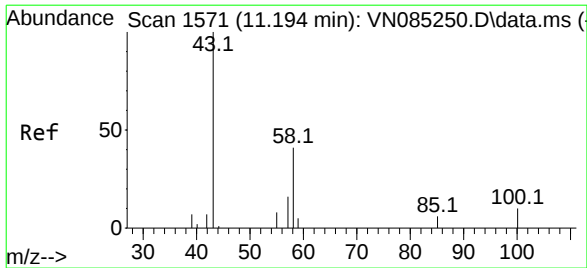
Tgt Ion: 63 Resp: 107576

Ion Ratio Lower Upper

63 100

106 26.8 21.2 31.8

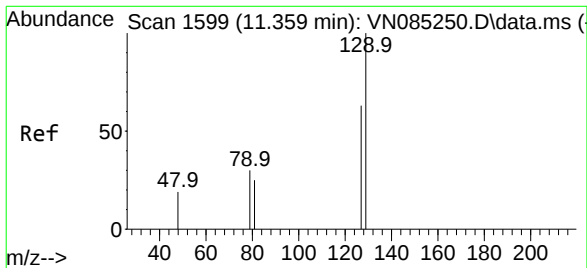
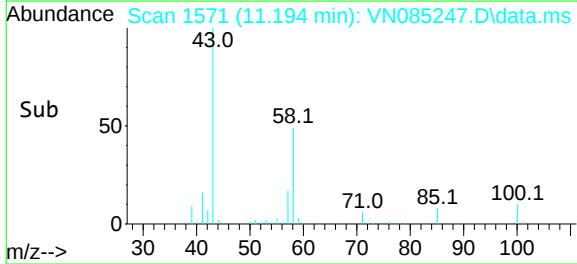
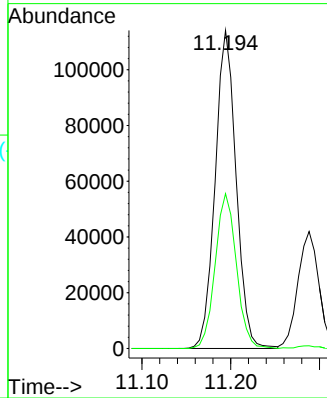
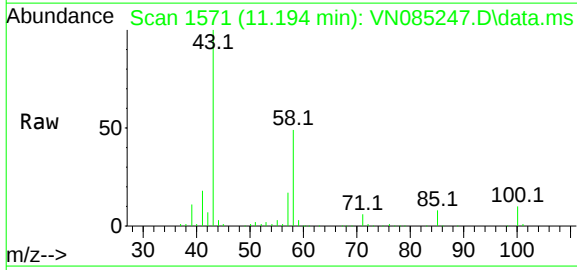




#59
2-Hexanone
Concen: 105.094 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

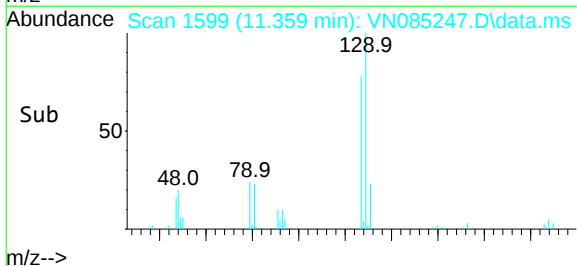
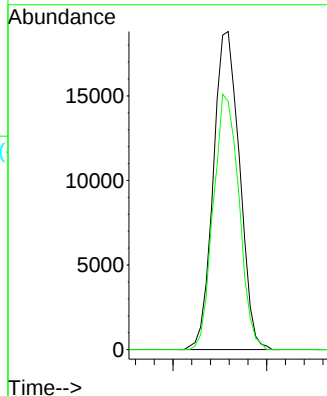
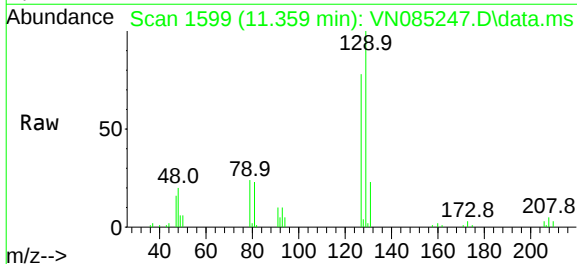
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

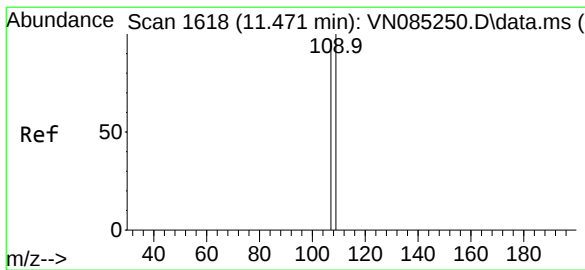
Tgt Ion: 43 Resp: 187121
Ion Ratio Lower Upper
43 100
58 49.3 25.8 77.4



#60
Dibromochloromethane
Concen: 19.557 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

Tgt Ion: 129 Resp: 36581
Ion Ratio Lower Upper
129 100
127 78.4 39.6 118.8

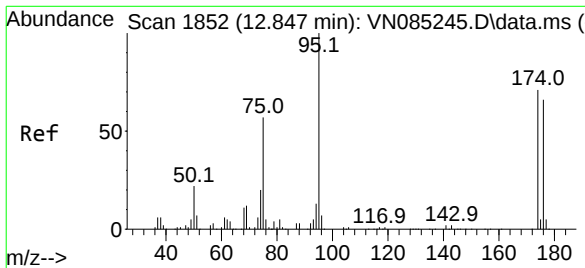
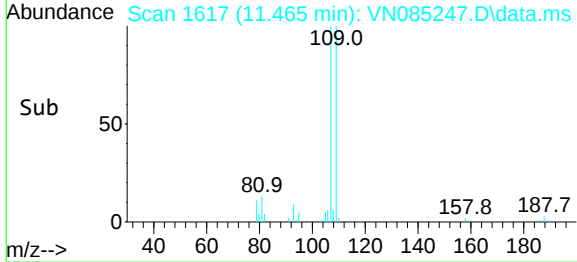
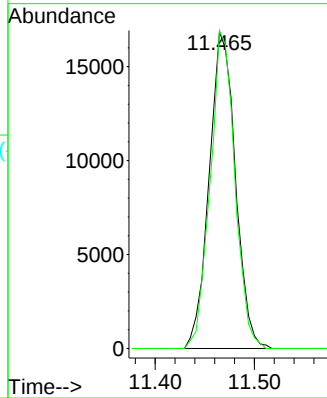
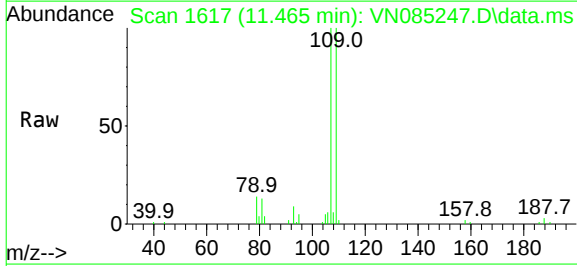




#61
1,2-Dibromoethane
Concen: 19.051 ug/l
RT: 11.465 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

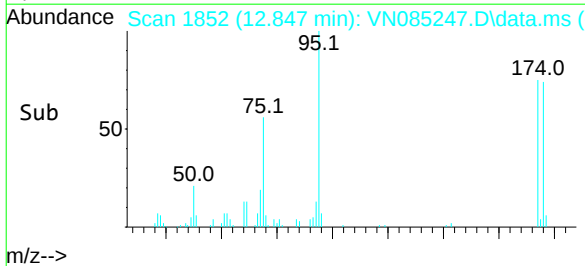
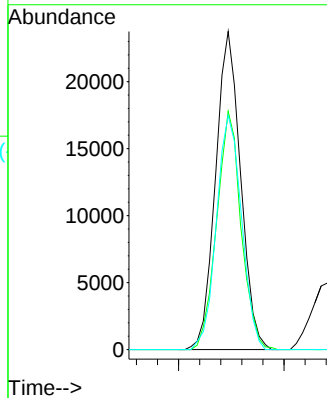
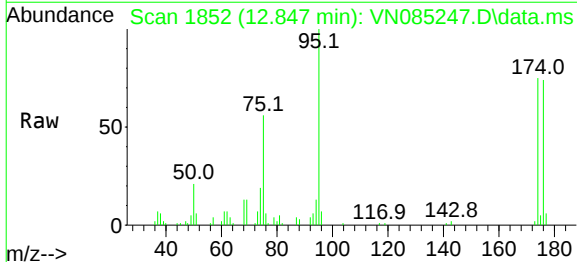
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

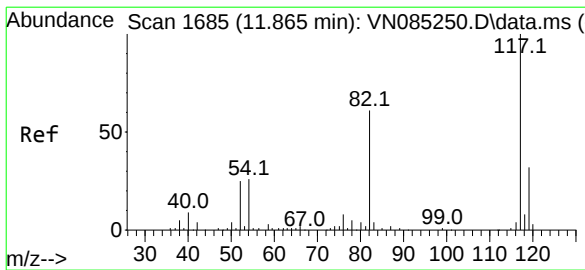
Tgt Ion:107 Resp: 30969
Ion Ratio Lower Upper
107 100
109 94.0 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 18.527 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

Tgt Ion: 95 Resp: 39138
Ion Ratio Lower Upper
95 100
174 73.0 0.0 144.4
176 73.8 0.0 136.6

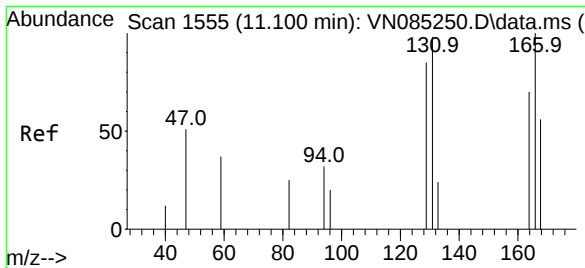
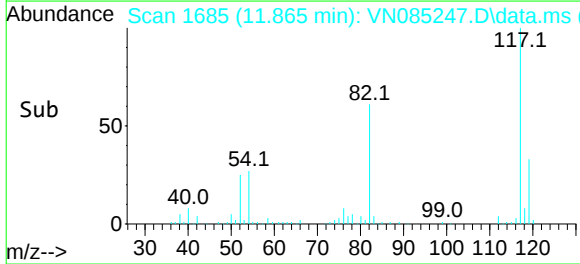
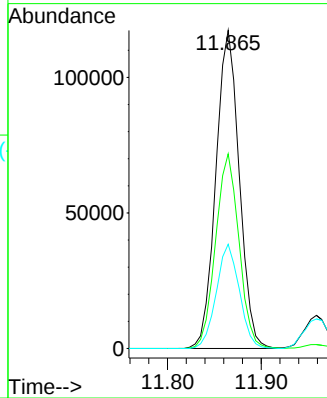
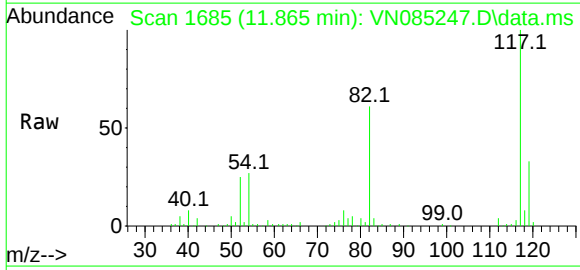




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

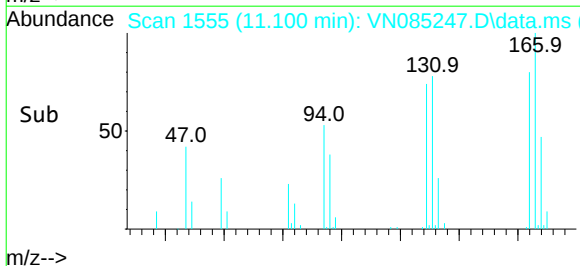
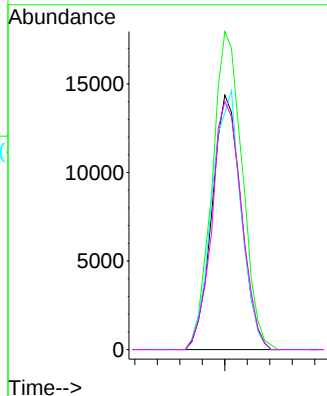
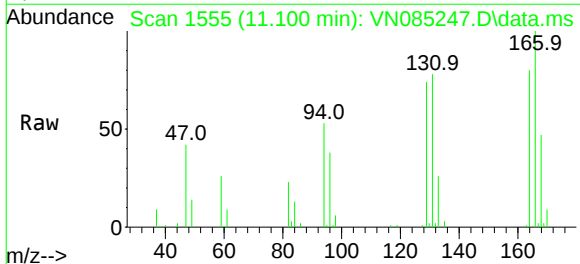
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

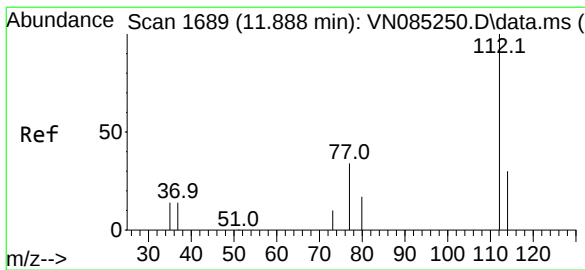
Tgt Ion:117 Resp: 203234
Ion Ratio Lower Upper
117 100
82 61.2 47.4 71.2
119 32.8 25.6 38.4



#64
Tetrachloroethene
Concen: 18.969 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

Tgt Ion:164 Resp: 25942
Ion Ratio Lower Upper
164 100
166 125.0 101.5 152.3
129 93.0 79.4 119.2
131 97.5 73.9 110.9

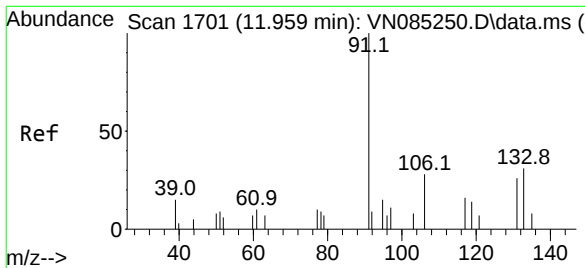
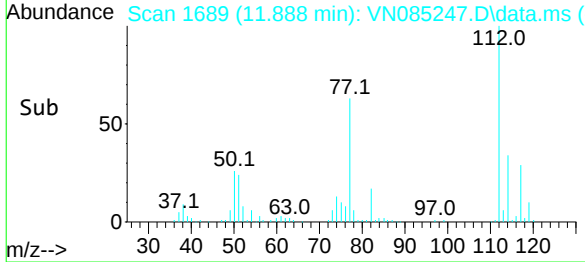
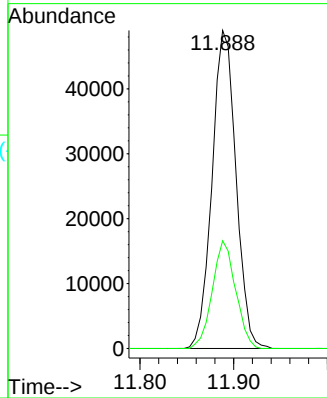
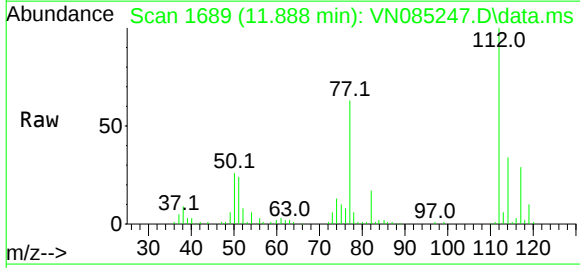




#65
Chlorobenzene
Concen: 19.032 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

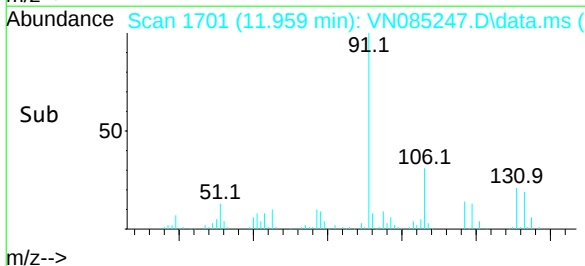
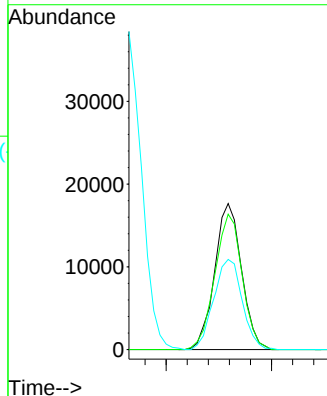
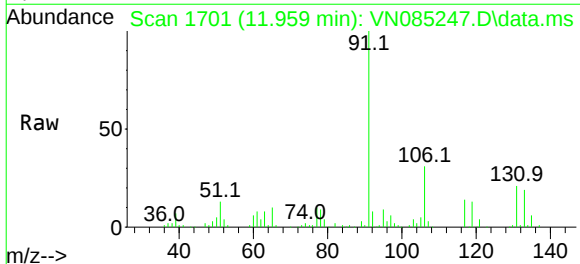
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

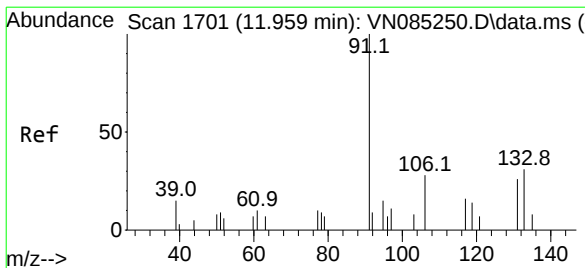
Tgt Ion:112 Resp: 86945
Ion Ratio Lower Upper
112 100
114 33.9 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.585 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

Tgt Ion:131 Resp: 31216
Ion Ratio Lower Upper
131 100
133 94.5 48.6 145.8
119 65.4 32.5 97.5





#67

Ethyl Benzene

Concen: 19.655 ug/l

RT: 11.965 min Scan# 17

Delta R.T. 0.006 min

Lab File: VN085247.D

Acq: 18 Dec 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

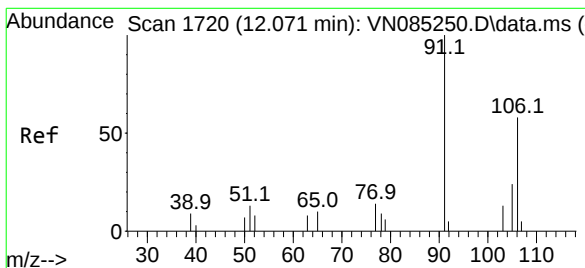
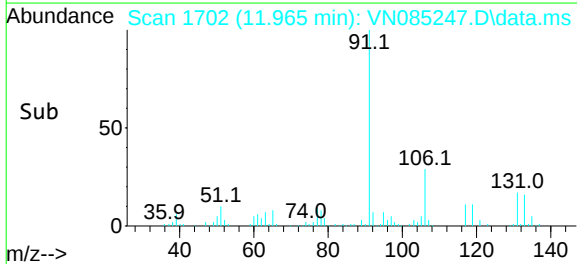
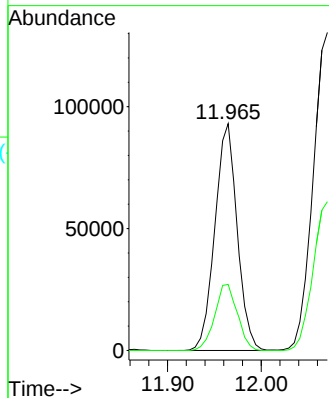
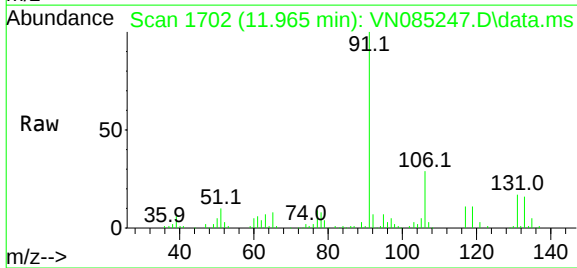
VSTDIC020

Tgt Ion: 91 Resp: 153907

Ion Ratio Lower Upper

91 100

106 29.1 23.5 35.3



#68

m/p-Xylenes

Concen: 40.609 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN085247.D

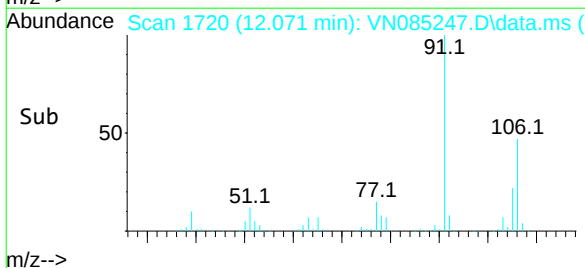
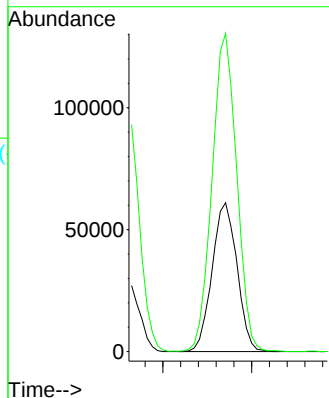
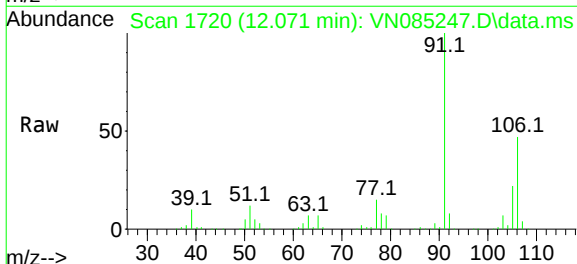
Acq: 18 Dec 2024 12:44

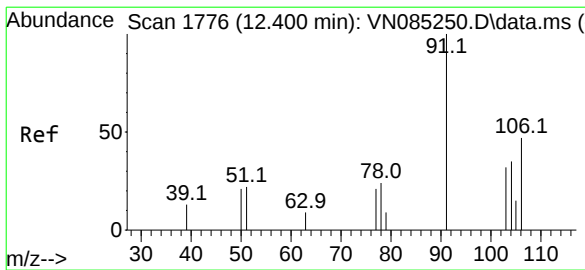
Tgt Ion:106 Resp: 118927

Ion Ratio Lower Upper

106 100

91 211.6 168.3 252.5





#69

o-Xylene

Concen: 19.890 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VN085247.D

Acq: 18 Dec 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

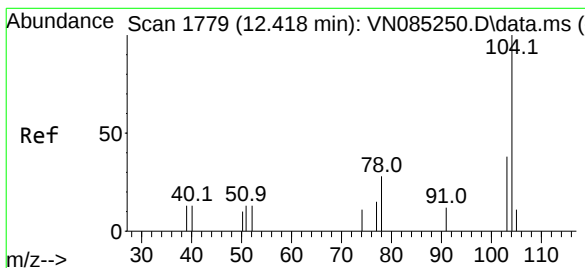
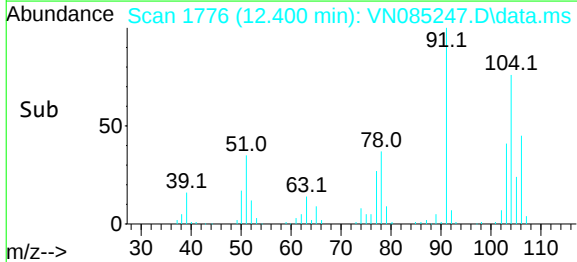
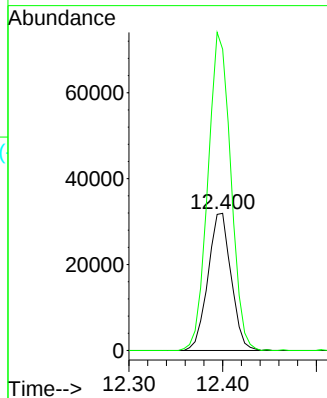
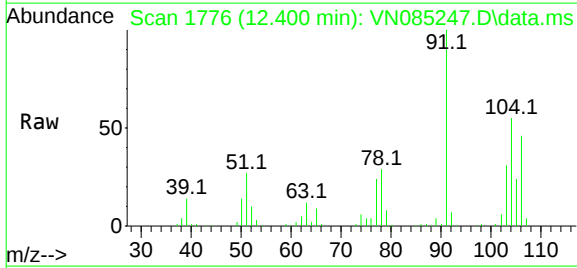
VSTDIC020

Tgt Ion:106 Resp: 54751

Ion Ratio Lower Upper

106 100

91 229.2 112.1 336.2



#70

Styrene

Concen: 20.623 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN085247.D

Acq: 18 Dec 2024 12:44

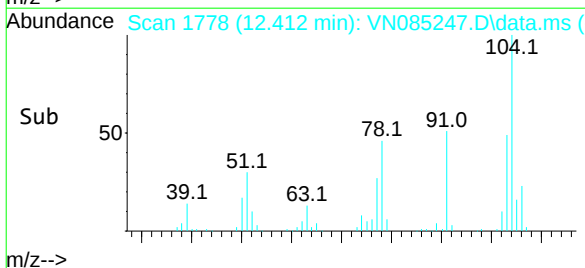
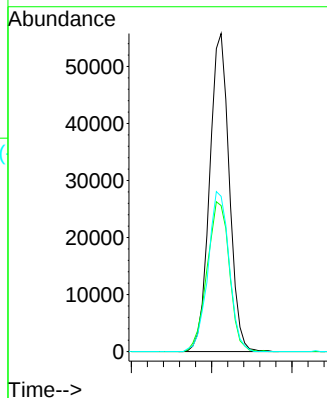
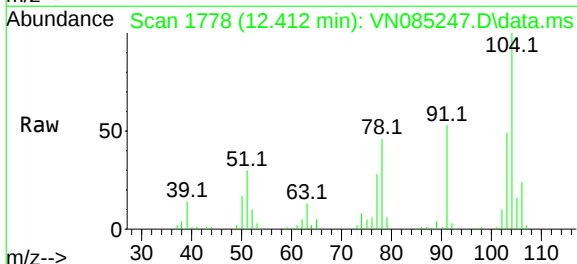
Tgt Ion:104 Resp: 94774

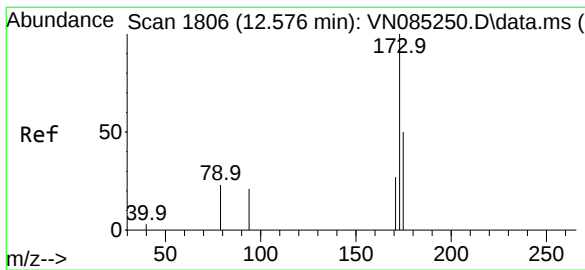
Ion Ratio Lower Upper

104 100

78 53.3 43.2 64.8

103 54.1 44.6 66.8





#71

Bromoform

Concen: 19.655 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN085247.D

Acq: 18 Dec 2024 12:44

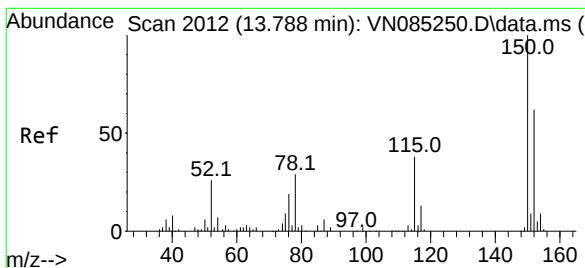
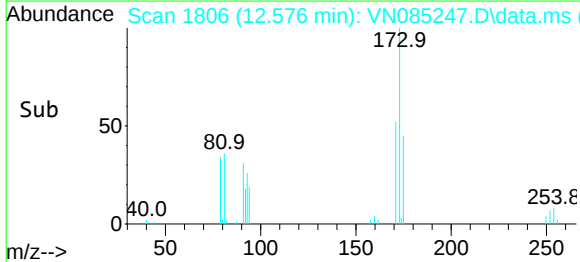
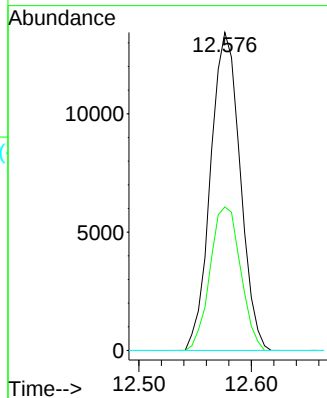
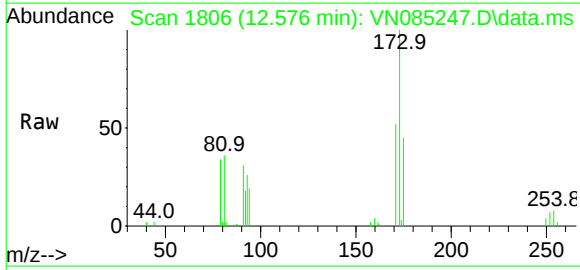
Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion:	173	Resp:	24556
Ion Ratio	Lower	Upper	
173	100		
175	46.5	24.5	73.5
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

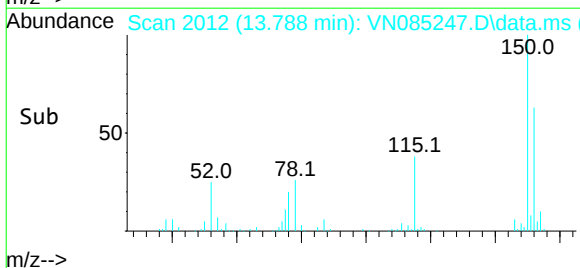
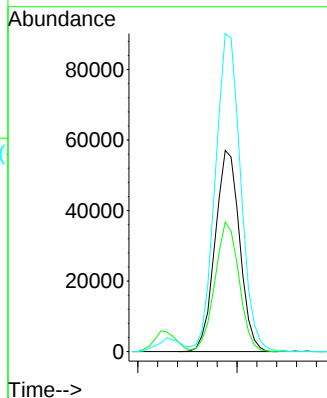
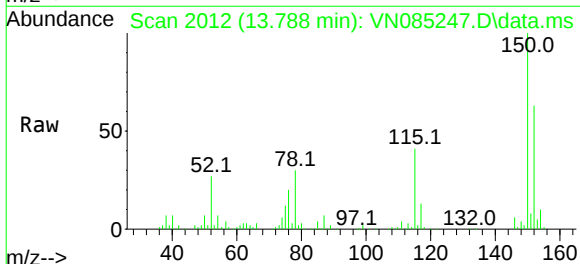
RT: 13.788 min Scan# 2012

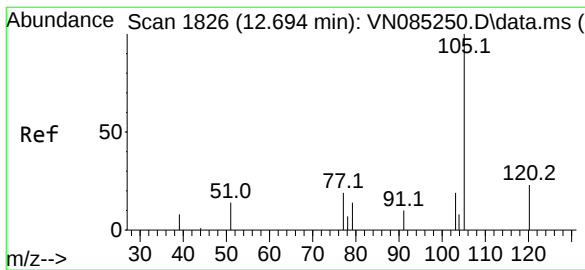
Delta R.T. -0.000 min

Lab File: VN085247.D

Acq: 18 Dec 2024 12:44

Tgt Ion:	152	Resp:	97814
Ion Ratio	Lower	Upper	
152	100		
115	63.6	32.1	96.3
150	163.7	0.0	354.6





#73

Isopropylbenzene

Concen: 20.160 ug/l

RT: 12.694 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN085247.D

Acq: 18 Dec 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

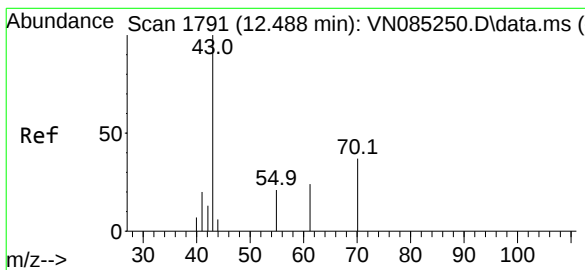
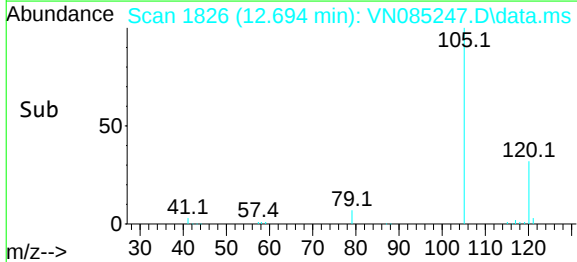
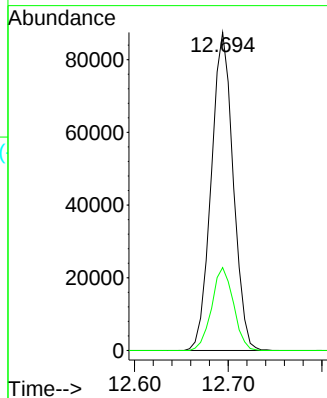
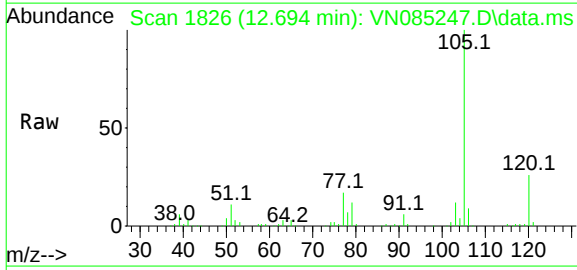
VSTDICC020

Tgt Ion:105 Resp: 142250

Ion Ratio Lower Upper

105 100

120 25.8 13.0 38.9



#74

N-ethyl acetate

Concen: 20.180 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN085247.D

Acq: 18 Dec 2024 12:44

Tgt Ion: 43 Resp: 71120

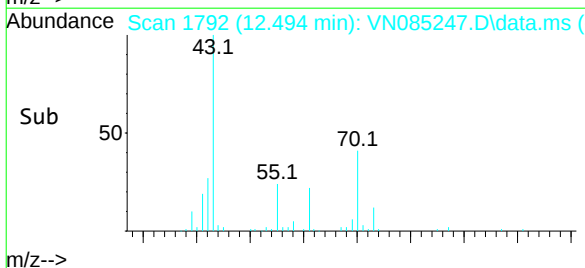
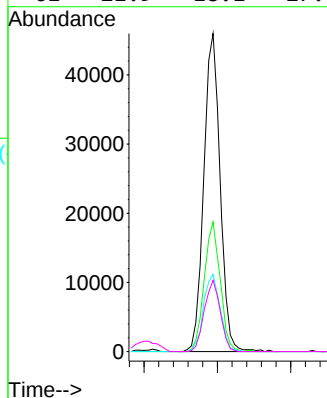
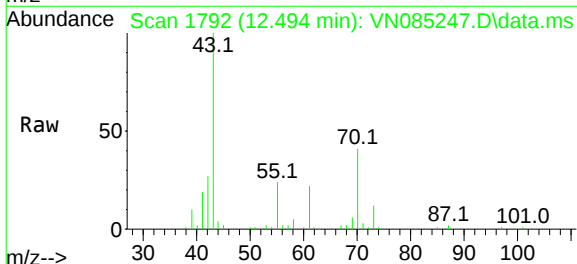
Ion Ratio Lower Upper

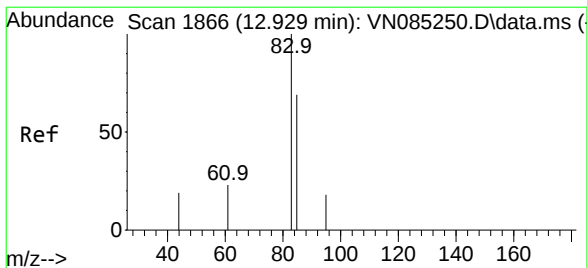
43 100

70 39.7 31.5 47.3

55 24.8 19.0 28.4

61 21.9 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.195 ug/l

RT: 12.935 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN085247.D

Acq: 18 Dec 2024 12:44

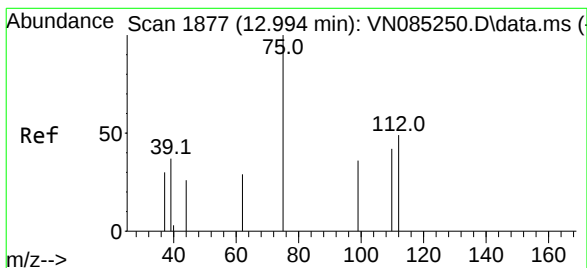
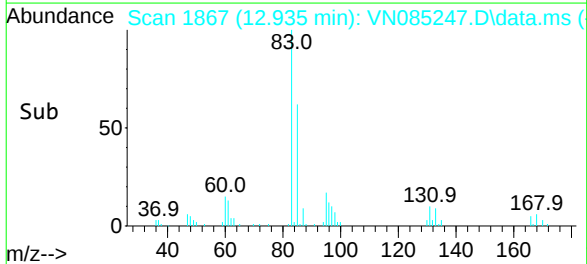
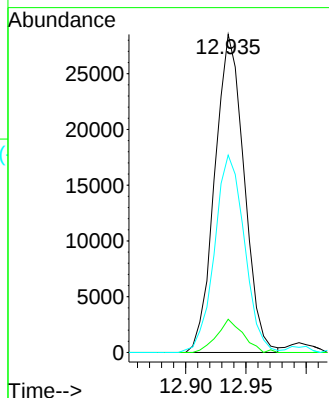
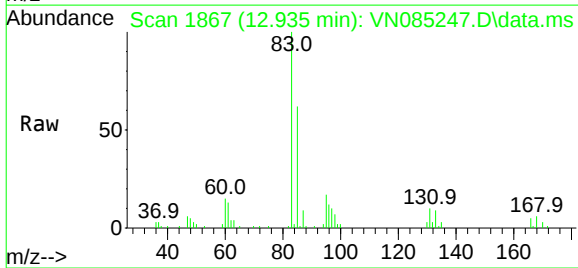
Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion:	83	Resp:	48258
Ion	Ratio	Lower	Upper
83	100		
131	9.4	4.7	14.1
85	63.2	32.5	97.4



#76

1,2,3-Trichloropropane

Concen: 29.957 ug/l

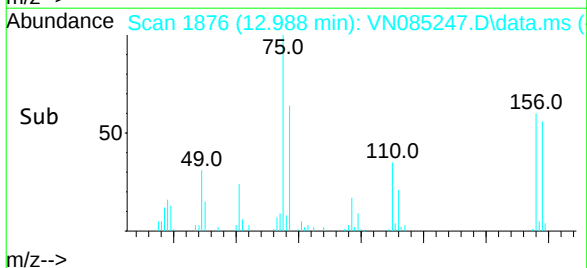
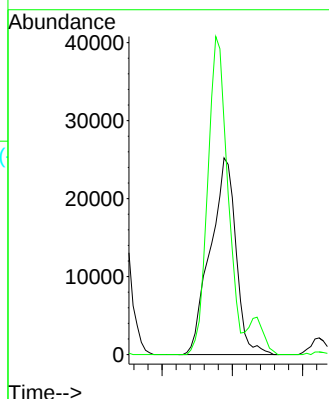
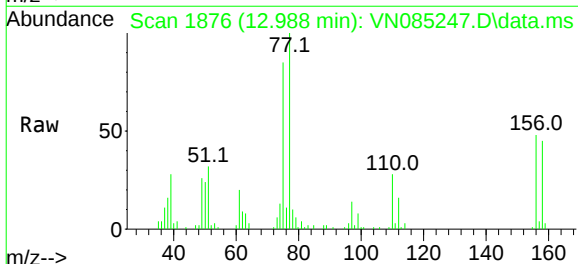
RT: 12.988 min Scan# 1876

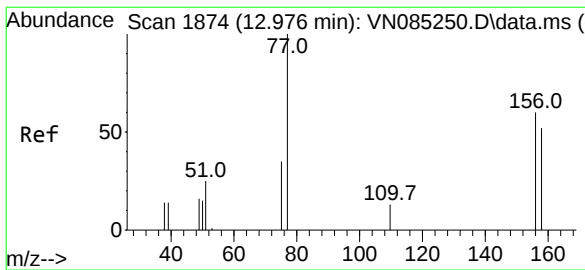
Delta R.T. -0.006 min

Lab File: VN085247.D

Acq: 18 Dec 2024 12:44

Tgt Ion:	75	Resp:	63927
Ion	Ratio	Lower	Upper
75	100		
77	126.4	102.6	307.7





#77

Bromobenzene

Concen: 18.363 ug/l

RT: 12.982 min Scan# 1874

Delta R.T. 0.006 min

Lab File: VN085247.D

Acq: 18 Dec 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

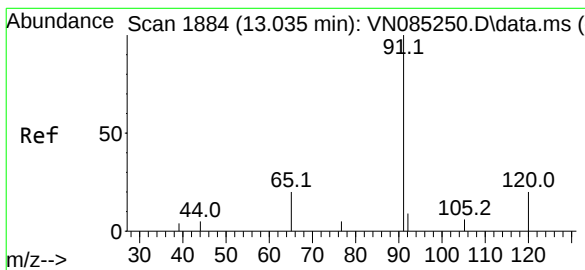
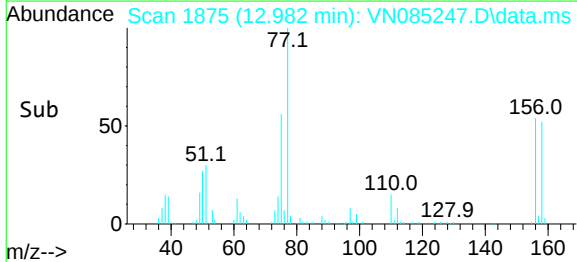
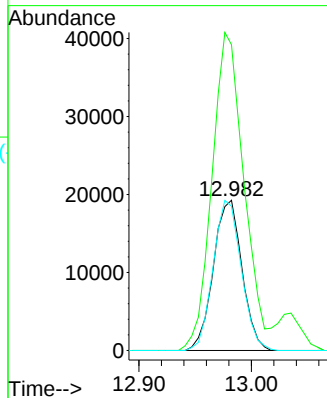
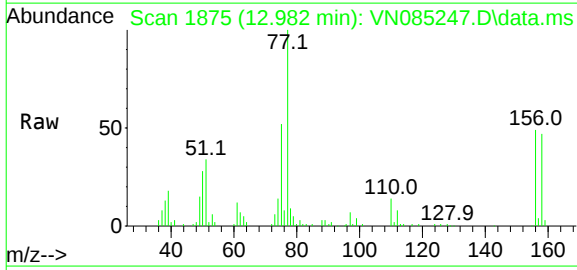
Tgt Ion:156 Resp: 34019

Ion Ratio Lower Upper

156 100

77 237.6 115.8 347.3

158 98.6 47.9 143.7



#78

n-propylbenzene

Concen: 20.153 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN085247.D

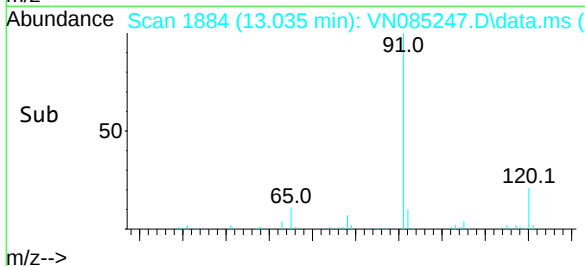
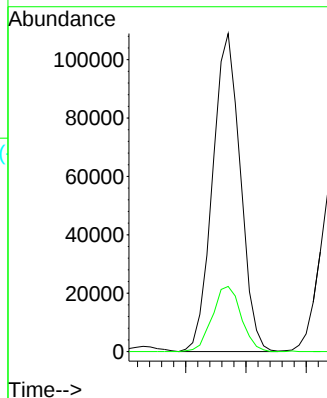
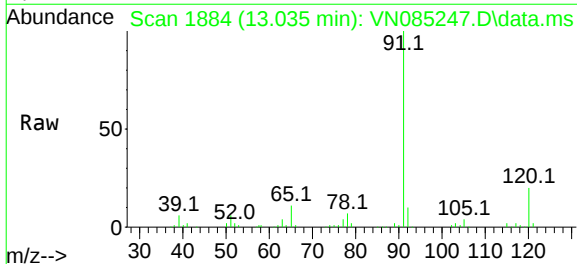
Acq: 18 Dec 2024 12:44

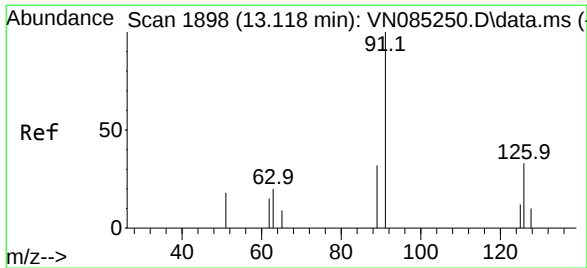
Tgt Ion: 91 Resp: 174396

Ion Ratio Lower Upper

91 100

120 21.3 10.8 32.3





#79

2-Chlorotoluene

Concen: 19.507 ug/l

RT: 13.123 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN085247.D

Acq: 18 Dec 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

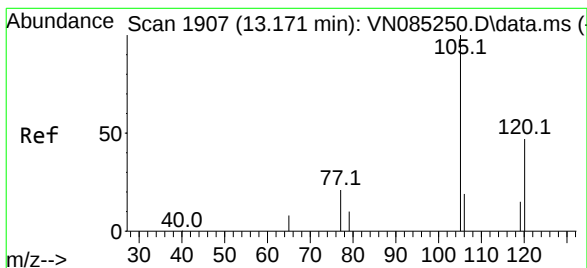
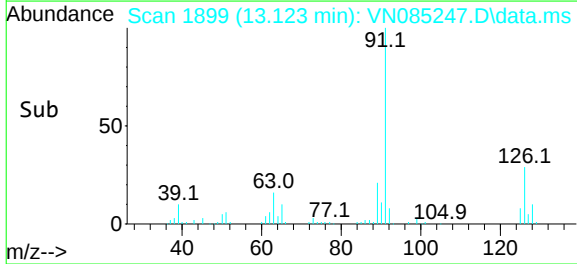
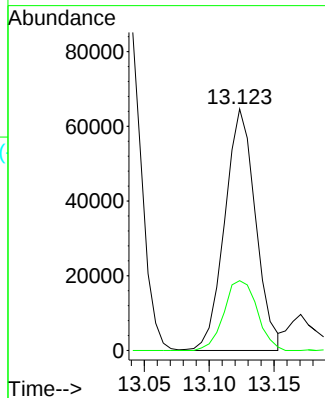
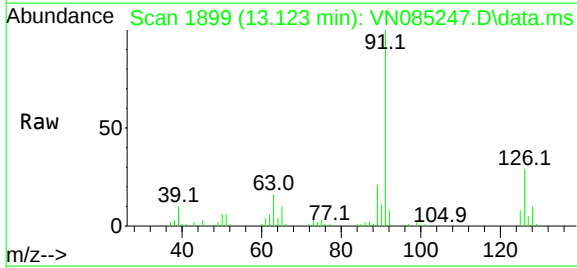
VSTDICC020

Tgt Ion: 91 Resp: 107177

Ion Ratio Lower Upper

91 100

126 31.1 15.2 45.5



#80

1,3,5-Trimethylbenzene

Concen: 20.695 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN085247.D

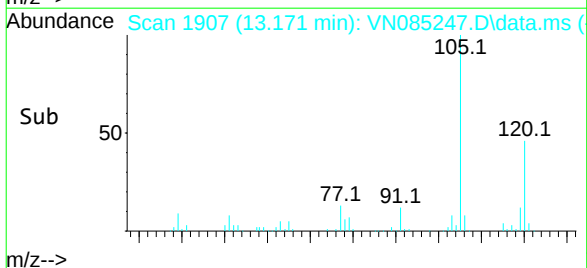
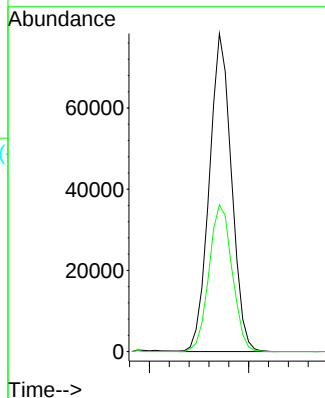
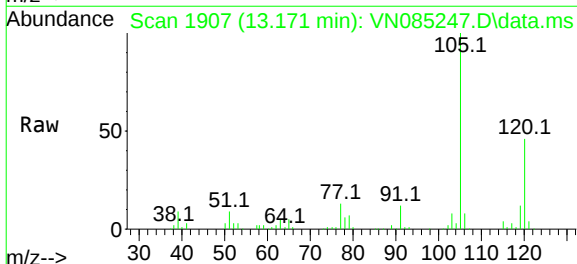
Acq: 18 Dec 2024 12:44

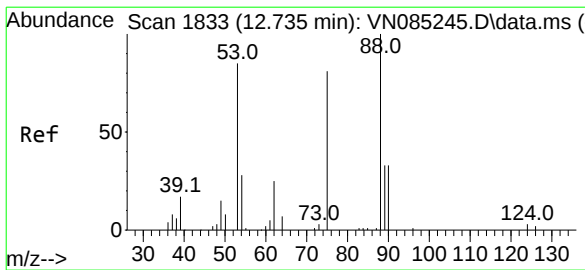
Tgt Ion:105 Resp: 121797

Ion Ratio Lower Upper

105 100

120 48.1 23.4 70.2

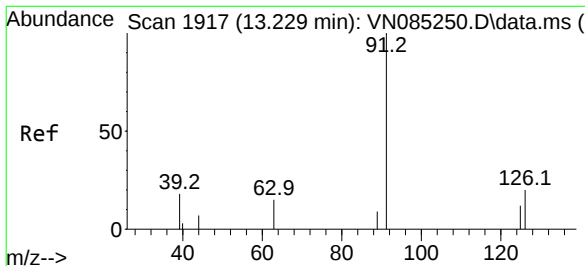
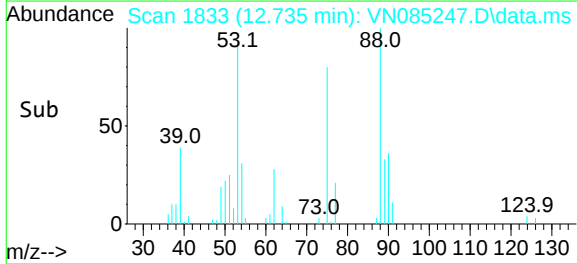
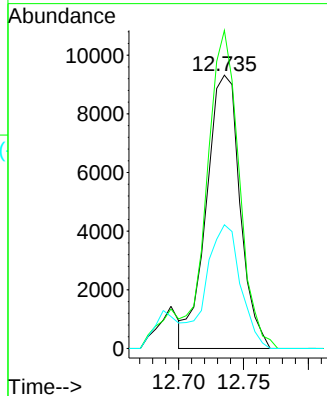
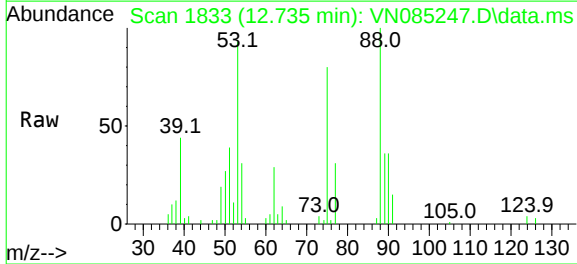




#81
trans-1,4-Dichloro-2-butene
Concen: 19.113 ug/l
RT: 12.735 min Scan# 18
Delta R.T. -0.000 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

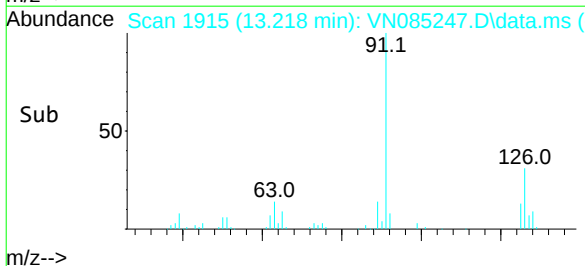
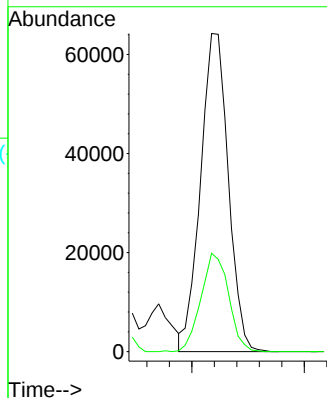
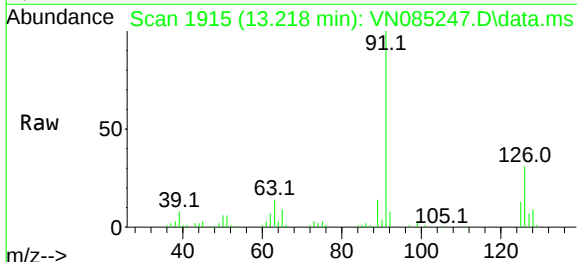
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

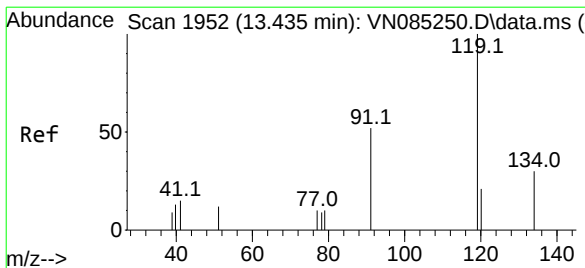
Tgt Ion	Ratio	Lower	Upper
75	100		
53	110.8	84.9	127.3
89	45.3	37.9	56.9



#82
4-Chlorotoluene
Concen: 19.810 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

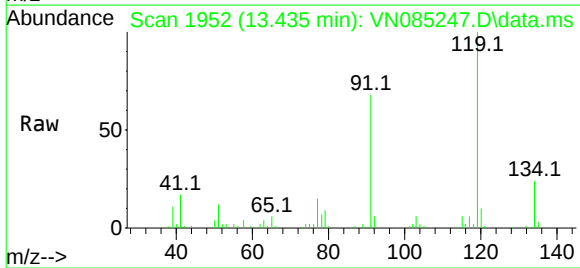
Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.6	46.8



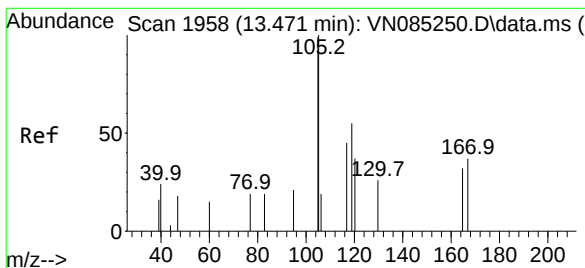
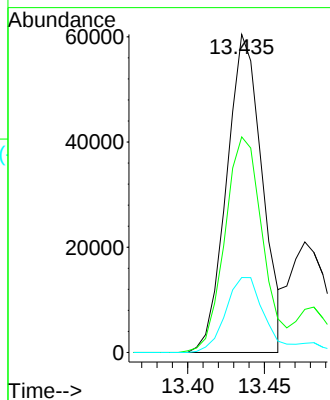
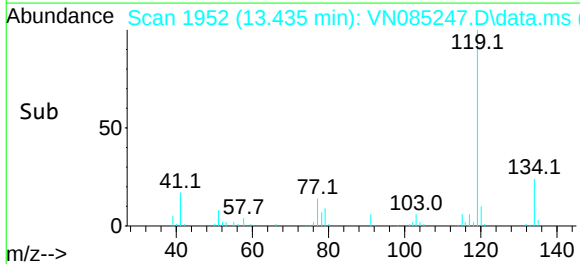


#83
tert-Butylbenzene
Concen: 19.531 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

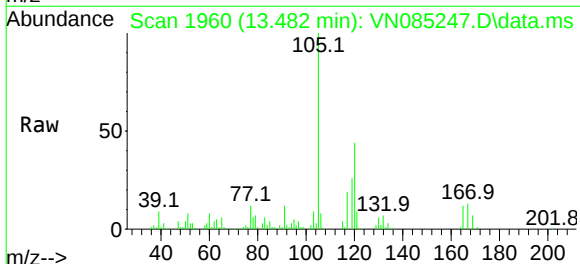
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



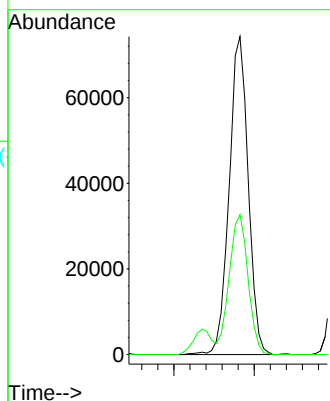
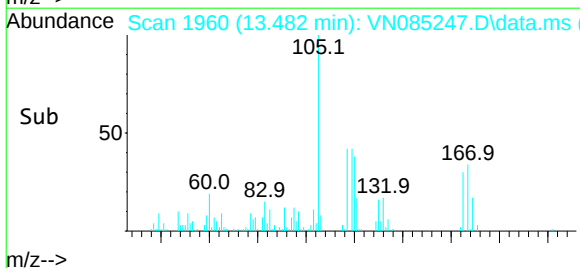
Tgt Ion:119 Resp: 97483
Ion Ratio Lower Upper
119 100
91 72.1 36.3 108.7
134 25.6 12.2 36.6

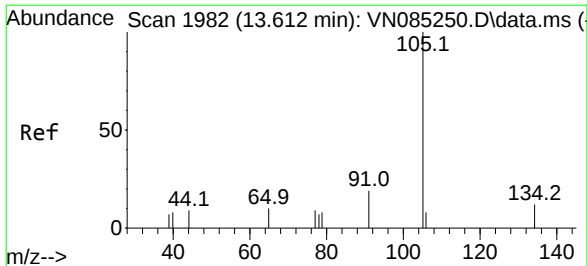


#84
1,2,4-Trimethylbenzene
Concen: 20.285 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44



Tgt Ion:105 Resp: 122033
Ion Ratio Lower Upper
105 100
120 43.5 21.8 65.3

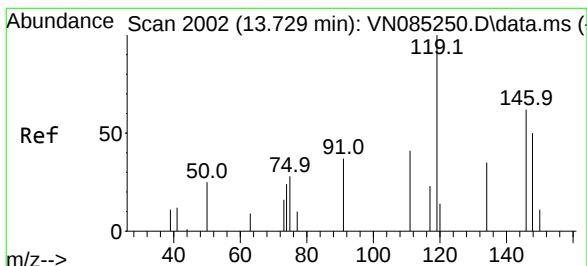
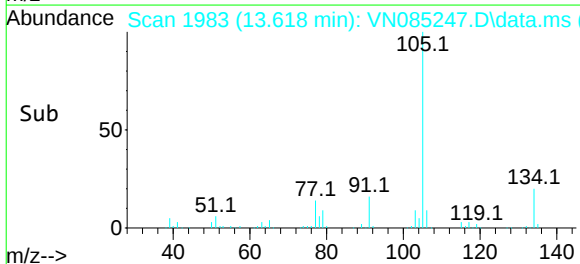
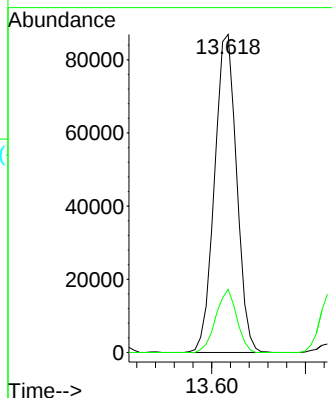
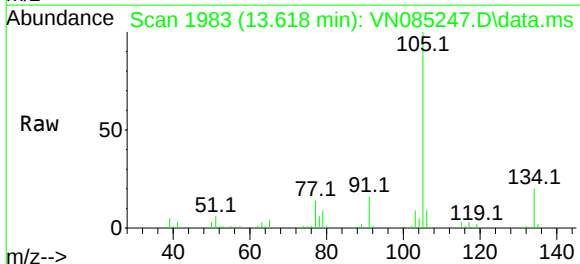




#85
sec-Butylbenzene
Concen: 20.455 ug/l
RT: 13.618 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

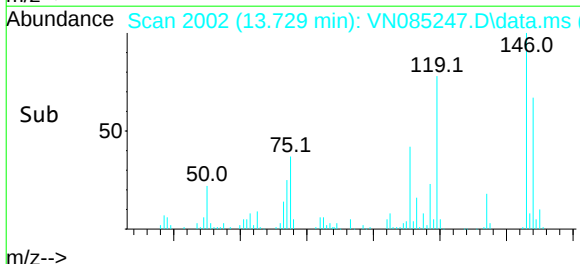
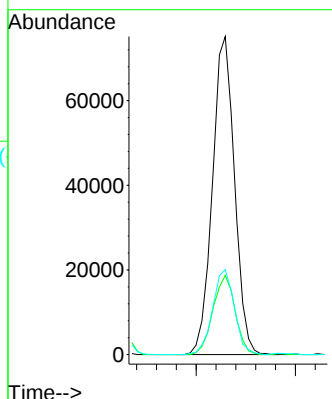
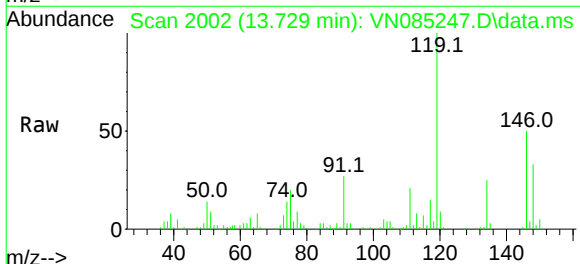
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

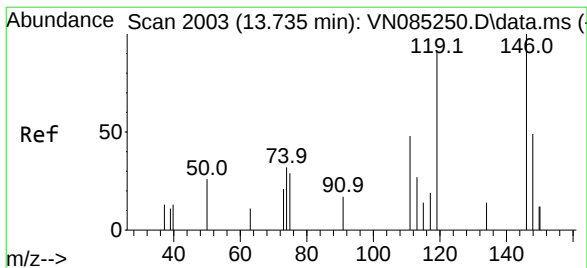
Tgt Ion:105 Resp: 142338
Ion Ratio Lower Upper
105 100
134 18.7 9.4 28.3



#86
p-Isopropyltoluene
Concen: 18.517 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

Tgt Ion:119 Resp: 116092
Ion Ratio Lower Upper
119 100
134 24.8 12.5 37.5
91 26.5 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 18.740 ug/l

RT: 13.729 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN085247.D

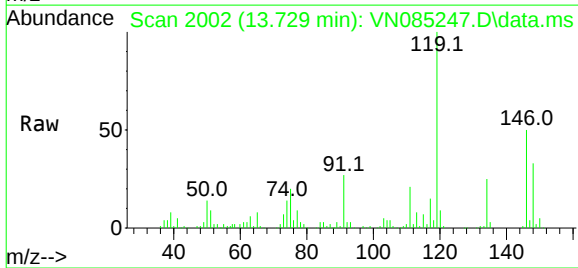
Acq: 18 Dec 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020



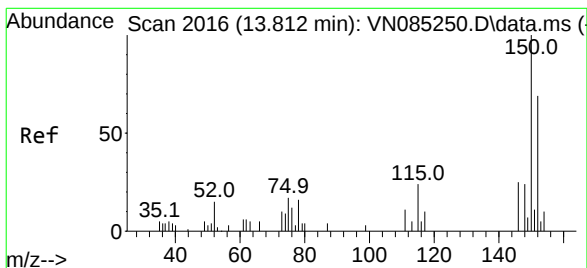
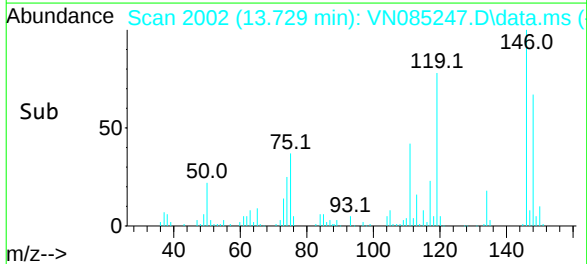
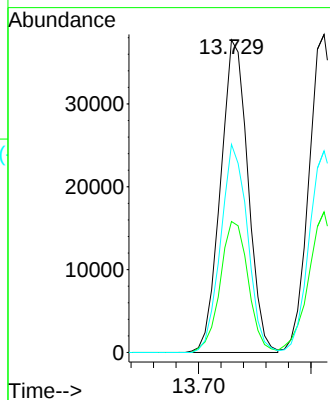
Tgt Ion:146 Resp: 63937

Ion Ratio Lower Upper

146 100

111 42.9 21.5 64.5

148 65.2 31.4 94.0



#88

1,4-Dichlorobenzene

Concen: 18.308 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN085247.D

Acq: 18 Dec 2024 12:44

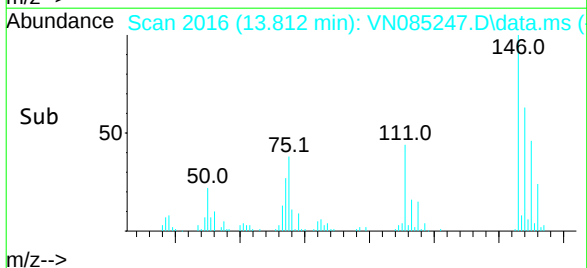
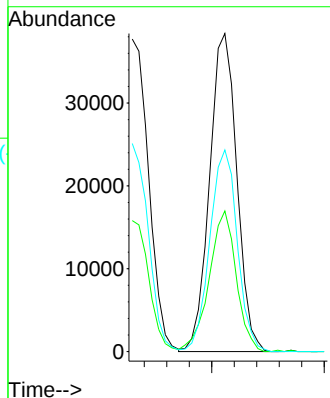
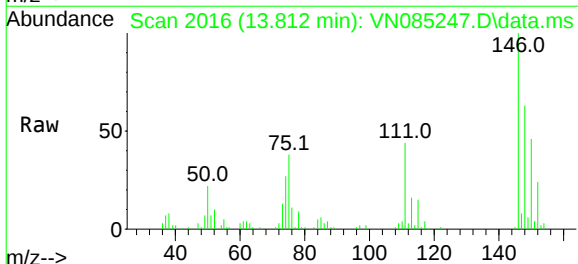
Tgt Ion:146 Resp: 64631

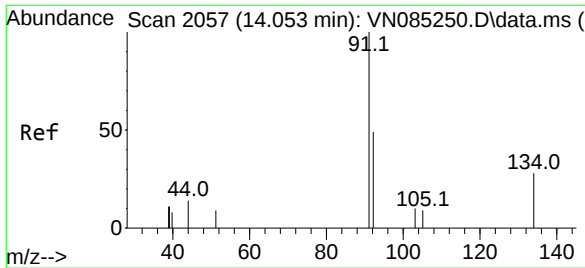
Ion Ratio Lower Upper

146 100

111 43.9 20.8 62.5

148 63.9 31.9 95.9

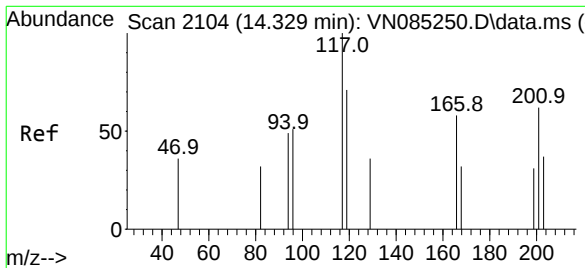
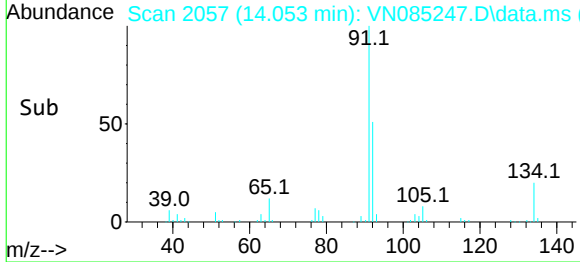
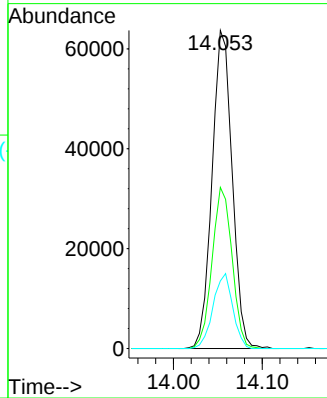
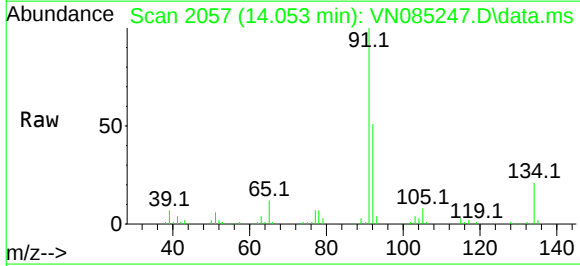




#89
n-Butylbenzene
Concen: 19.590 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

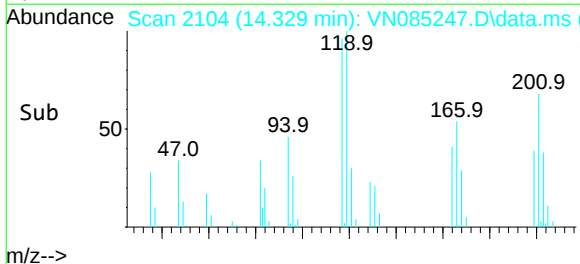
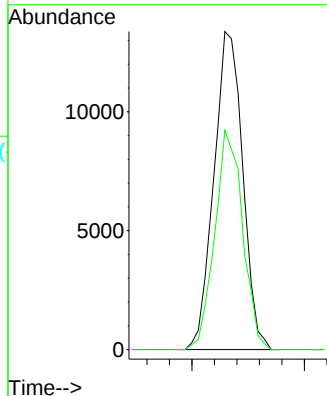
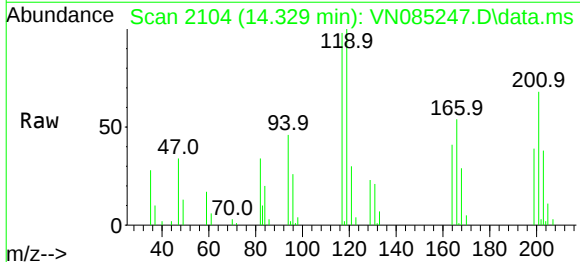
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

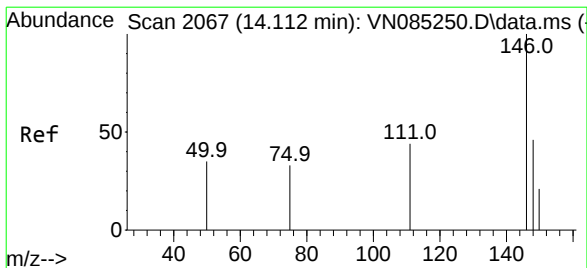
Tgt Ion: 91 Resp: 100250
Ion Ratio Lower Upper
91 100
92 50.4 25.8 77.3
134 23.1 12.0 36.0



#90
Hexachloroethane
Concen: 18.599 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

Tgt Ion: 117 Resp: 23775
Ion Ratio Lower Upper
117 100
201 66.6 31.9 95.7





#91

1,2-Dichlorobenzene

Concen: 19.700 ug/l

RT: 14.106 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN085247.D

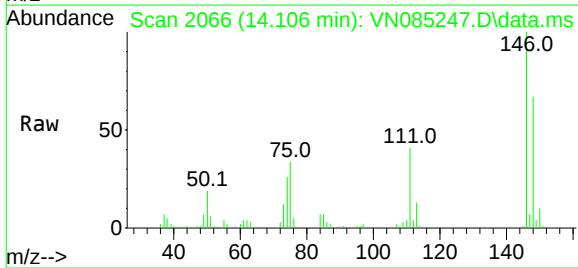
Acq: 18 Dec 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020



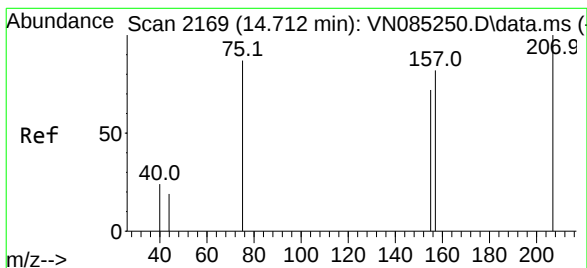
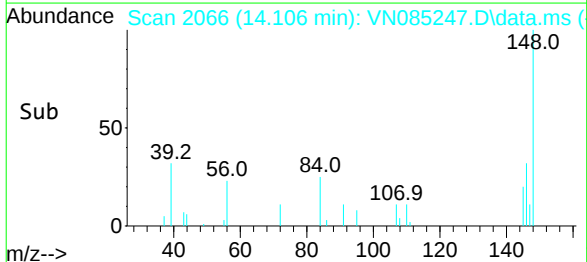
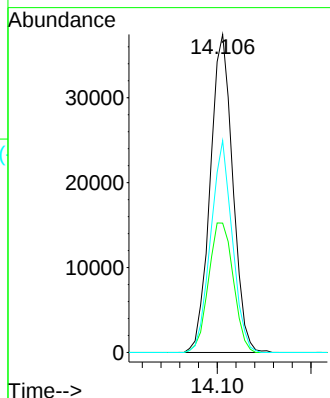
Tgt Ion:146 Resp: 62512

Ion Ratio Lower Upper

146 100

111 44.7 22.1 66.1

148 63.9 31.9 95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.032 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VN085247.D

Acq: 18 Dec 2024 12:44

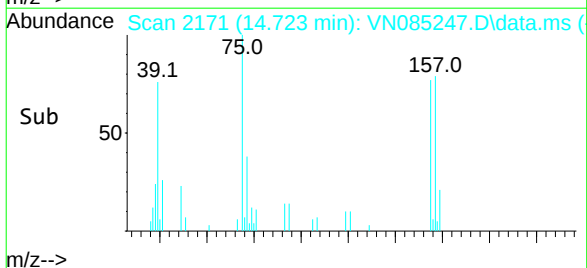
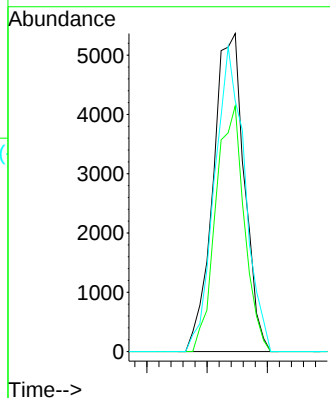
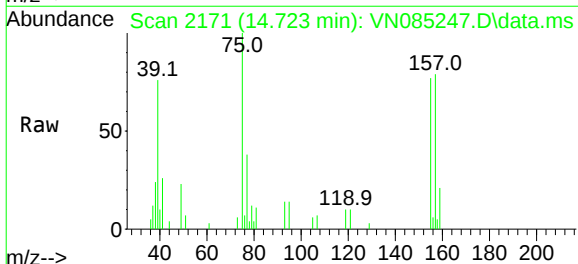
Tgt Ion: 75 Resp: 9658

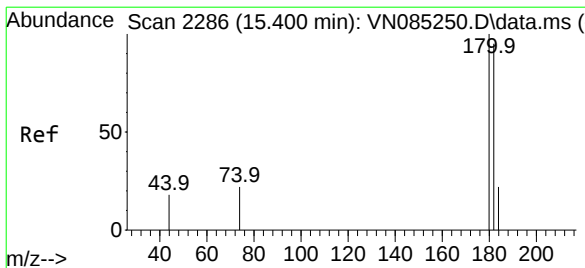
Ion Ratio Lower Upper

75 100

155 70.5 35.4 106.2

157 93.0 43.3 129.9





#93

1,2,4-Trichlorobenzene

Concen: 18.189 ug/l

RT: 15.394 min Scan# 2286

Delta R.T. 0.006 min

Lab File: VN085247.D

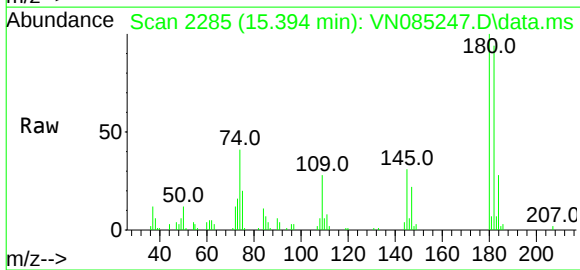
Acq: 18 Dec 2024 12:44

Instrument :

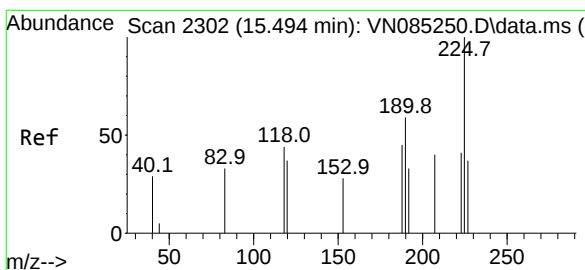
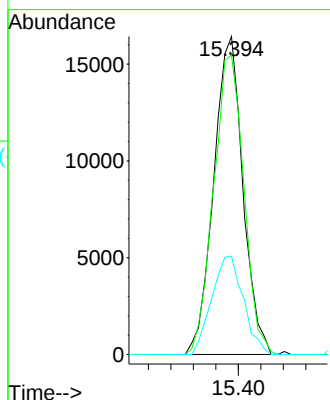
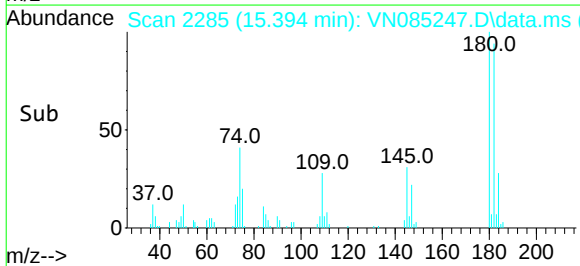
MSVOA_N

ClientSampleId :

VSTDICC020



Tgt Ion:	180	Resp:	29546
Ion Ratio	Lower	Upper	
180	100		
182	97.7	46.3	138.8
145	33.5	16.6	49.7



#94

Hexachlorobutadiene

Concen: 17.827 ug/l

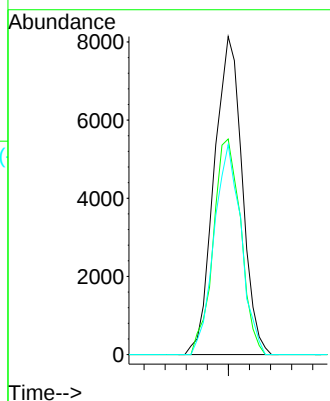
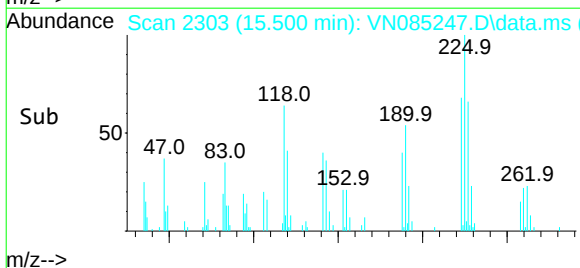
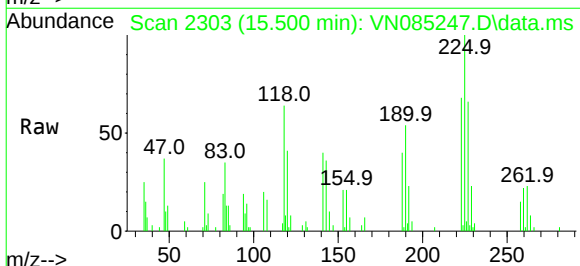
RT: 15.500 min Scan# 2303

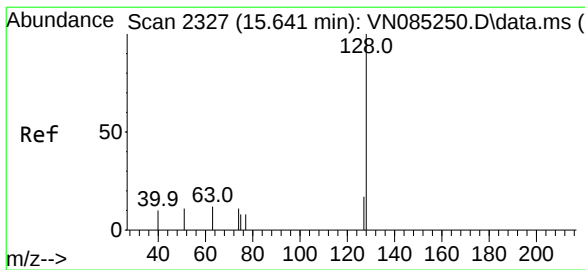
Delta R.T. 0.006 min

Lab File: VN085247.D

Acq: 18 Dec 2024 12:44

Tgt Ion:	225	Resp:	15050
Ion Ratio	Lower	Upper	
225	100		
223	66.3	34.1	102.2
227	63.6	33.2	99.6





#95

Naphthalene

Concen: 18.609 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN085247.D

Acq: 18 Dec 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

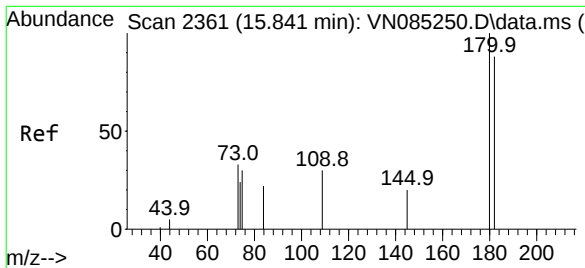
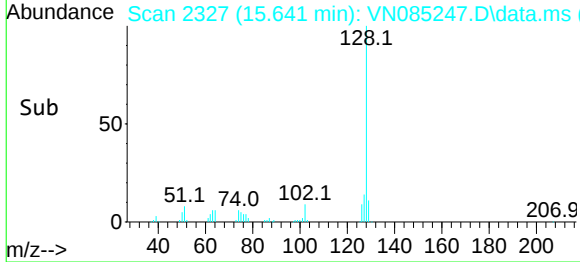
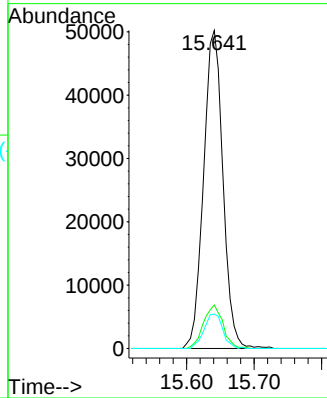
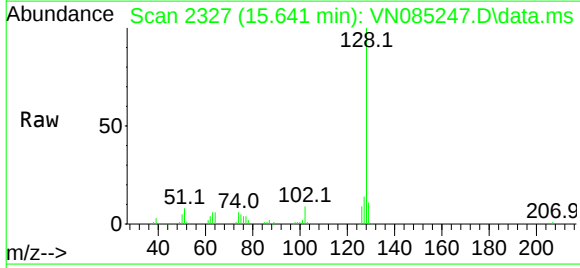
Tgt Ion:128 Resp: 100101

Ion Ratio Lower Upper

128 100

127 13.8 10.3 15.5

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.186 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN085247.D

Acq: 18 Dec 2024 12:44

Tgt Ion:180 Resp: 29506

Ion Ratio Lower Upper

180 100

182 95.6 46.9 140.6

145 36.6 17.6 52.8

