

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
 Data File : VN085247.D
 Acq On : 18 Dec 2024 12:44
 Operator : JC\MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

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

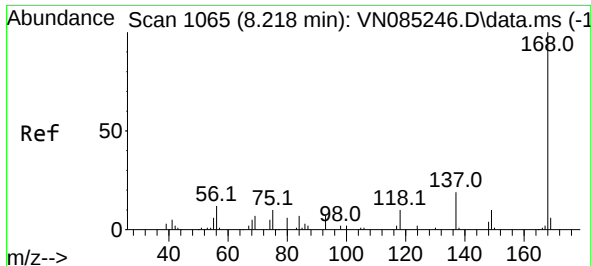
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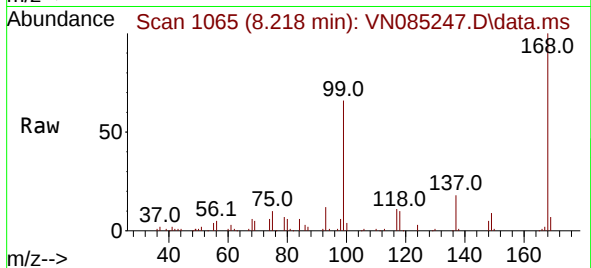
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

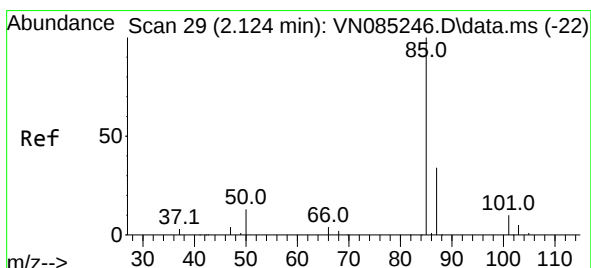
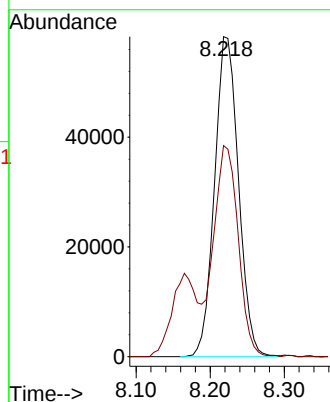
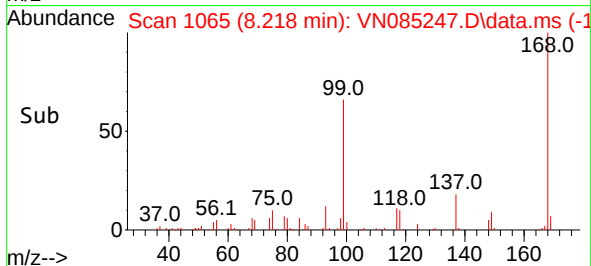


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
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Instrument :
MSVOA_N
ClientSampleId :

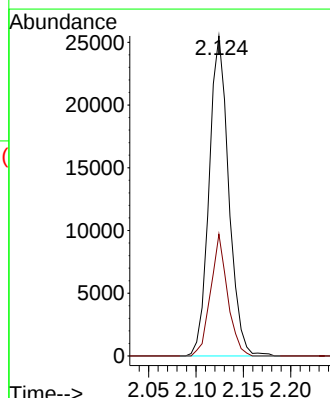
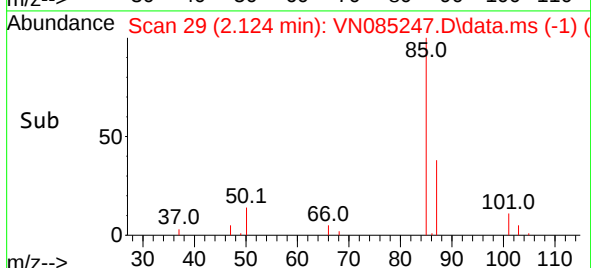
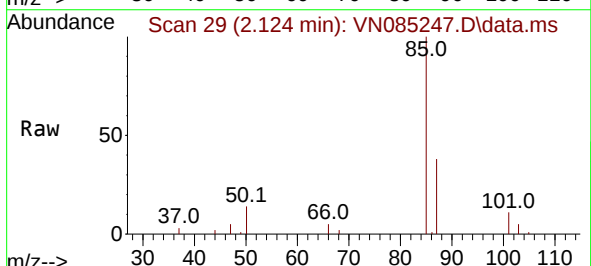


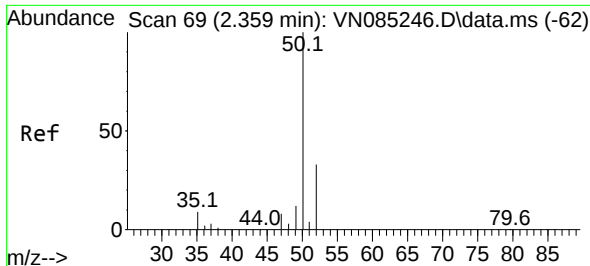
Tgt Ion:168 Resp: 130848
Ion Ratio Lower Upper
168 100
99 65.9 50.7 76.1



#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

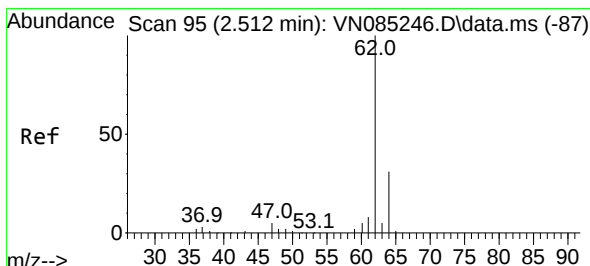
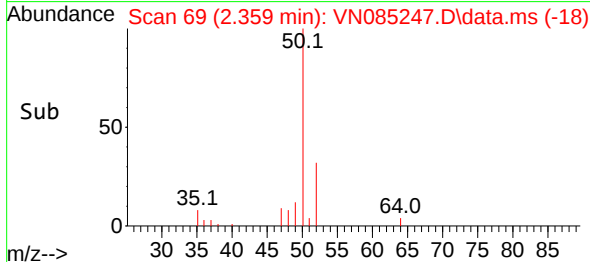
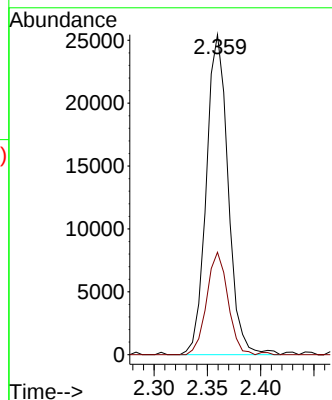
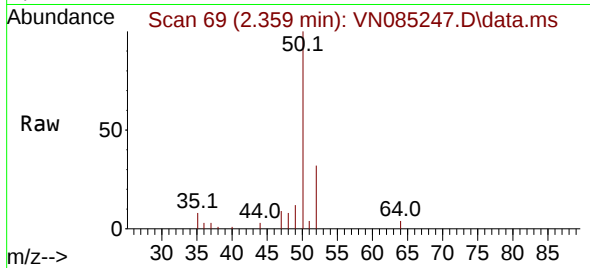




#3
Chloromethane
Concen: 18.247 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

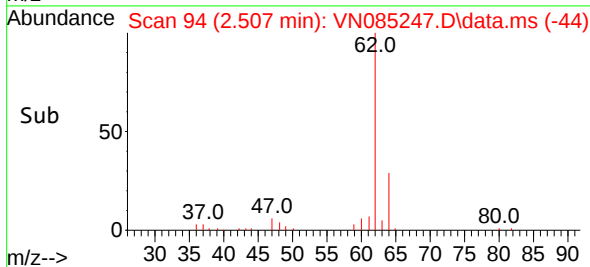
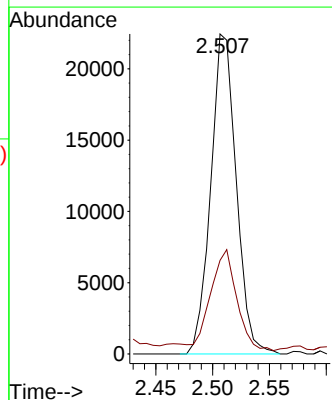
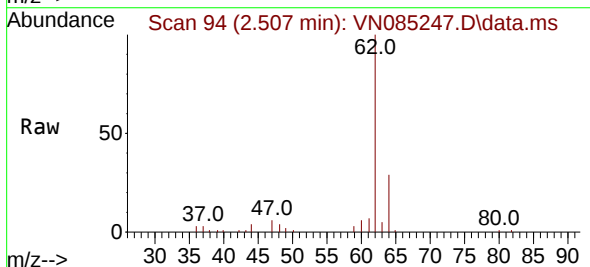
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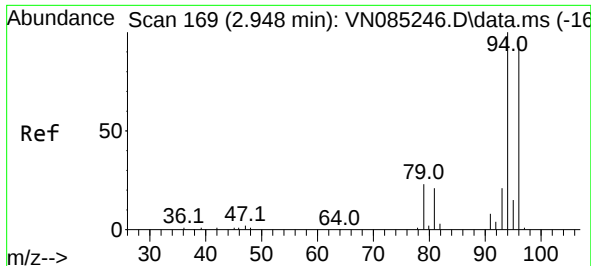
Tgt Ion: 50 Resp: 36255
Ion Ratio Lower Upper
50 100
52 32.0 26.2 39.2



#4
Vinyl Chloride
Concen: 18.808 ug/l
RT: 2.507 min Scan# 94
Delta R.T. -0.006 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

Tgt Ion: 62 Resp: 35012
Ion Ratio Lower Upper
62 100
64 27.6 24.5 36.7

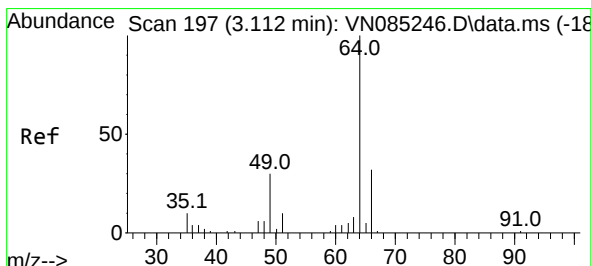
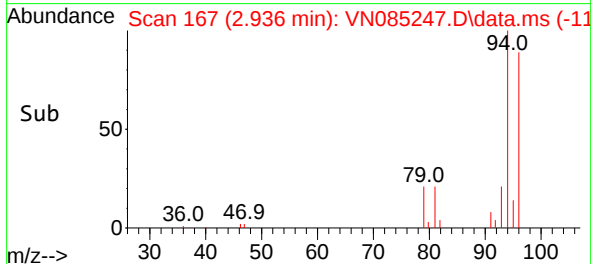
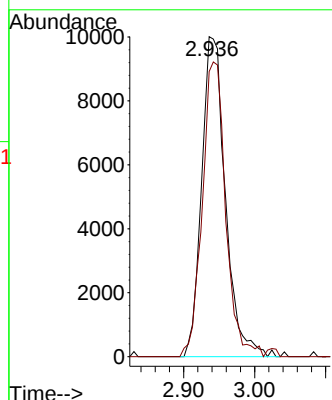
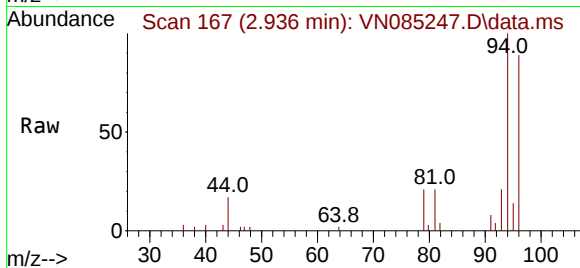




#5
Bromomethane
Concen: 19.095 ug/l
RT: 2.936 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

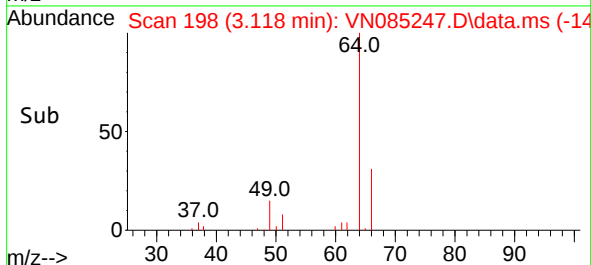
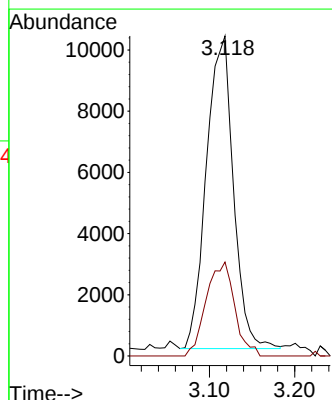
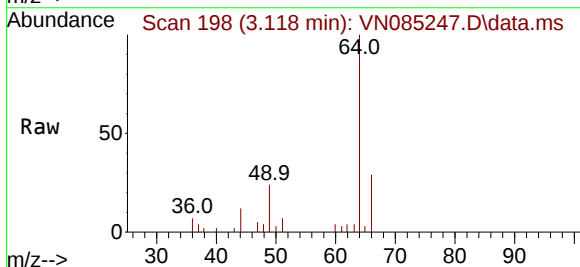
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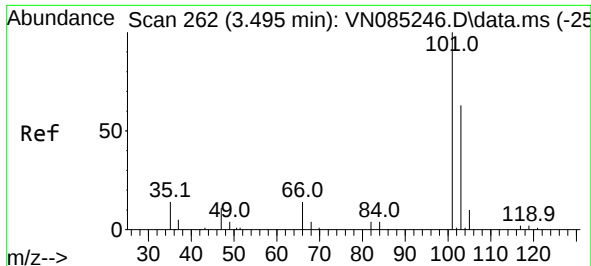
Tgt Ion: 94 Resp: 23319
Ion Ratio Lower Upper
94 100
96 89.1 76.8 115.2



#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

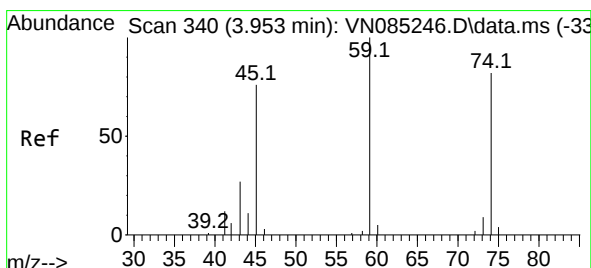
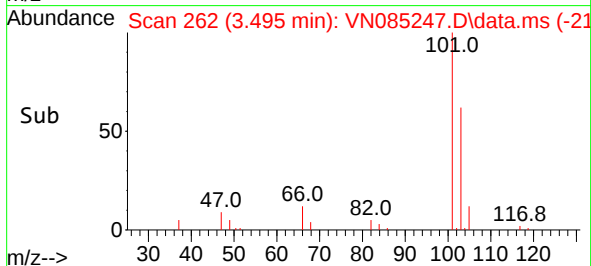
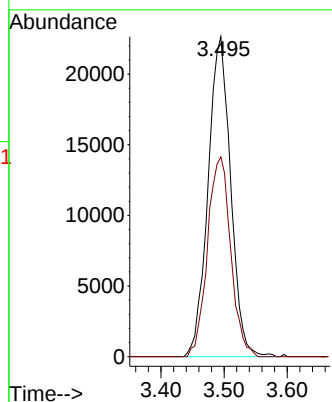
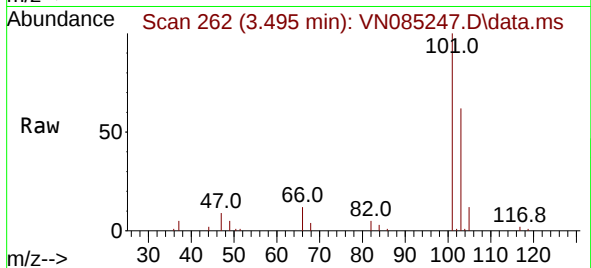




#7
 Trichlorofluoromethane
 Concen: 18.756 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN085247.D
 Acq: 18 Dec 2024 12:44

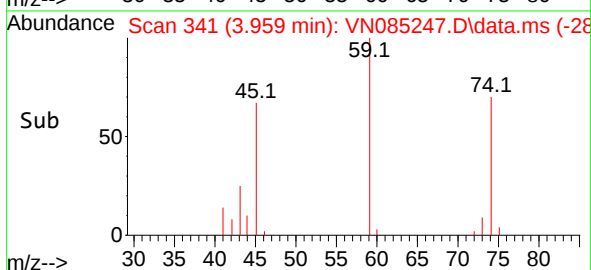
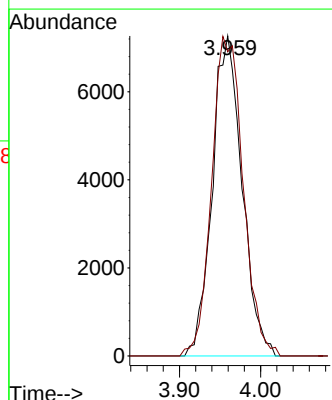
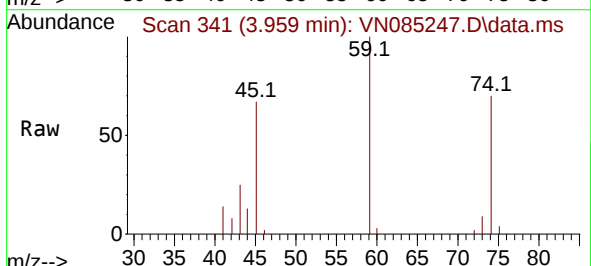
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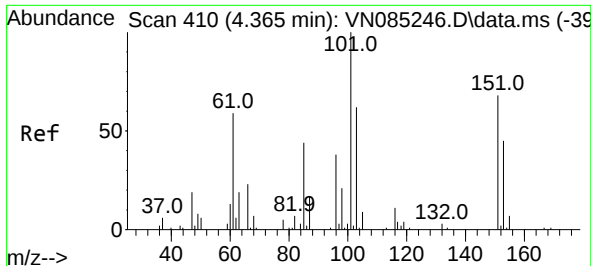
Tgt Ion:101 Resp: 56384
 Ion Ratio Lower Upper
 101 100
 103 62.5 50.2 75.4



#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

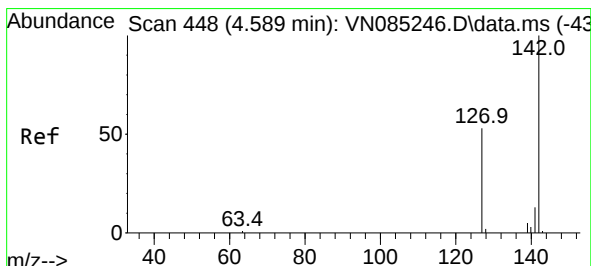
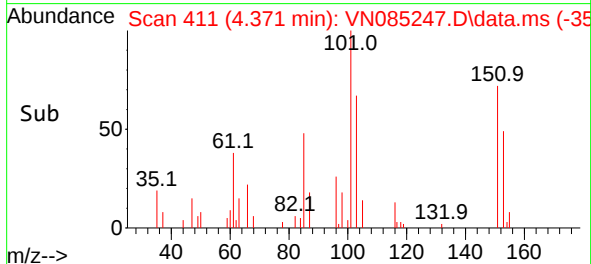
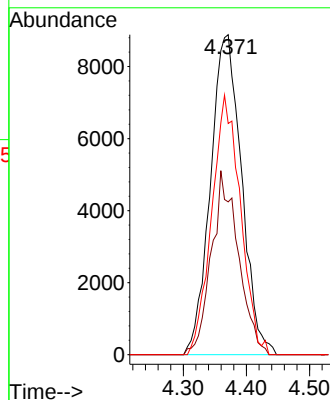
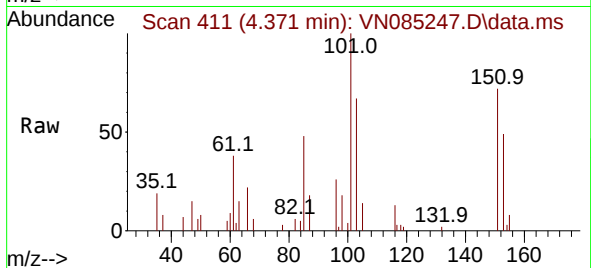




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.847 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085247.D
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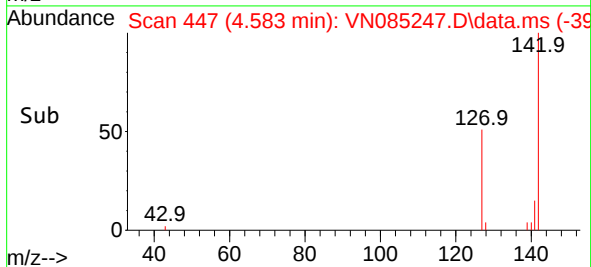
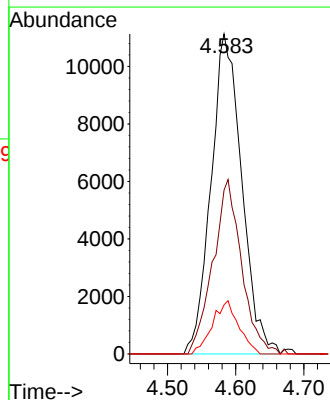
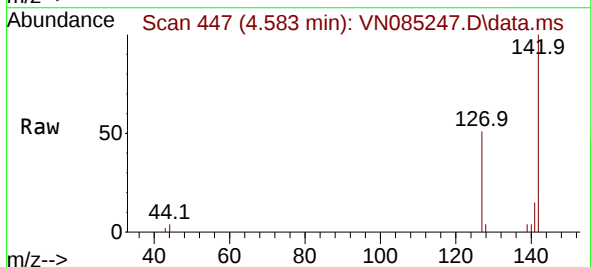
Instrument :
MSVOA_N
ClientSampleId :

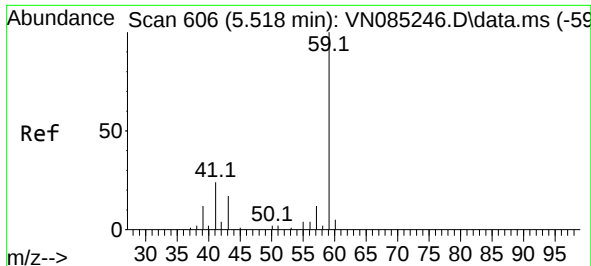
Tgt Ion:101 Resp: 30387
Ion Ratio Lower Upper
101 100
85 49.9 39.0 58.4
151 75.0 58.6 87.8



#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

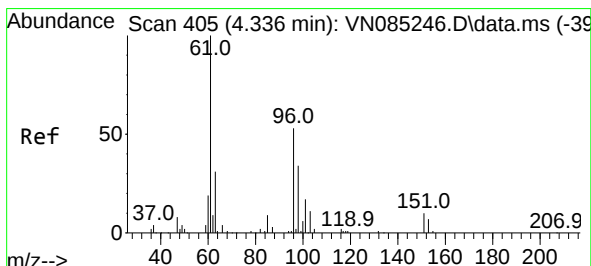
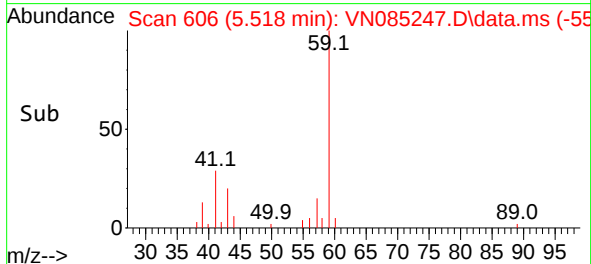
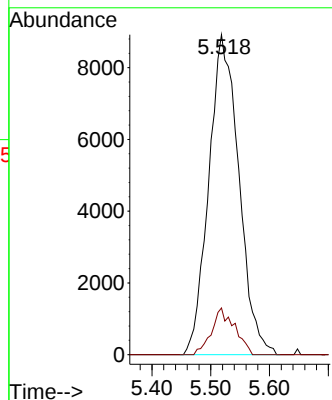
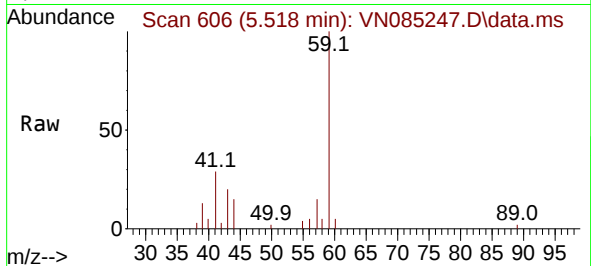




#11
Tert butyl alcohol
Concen: 99.806 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

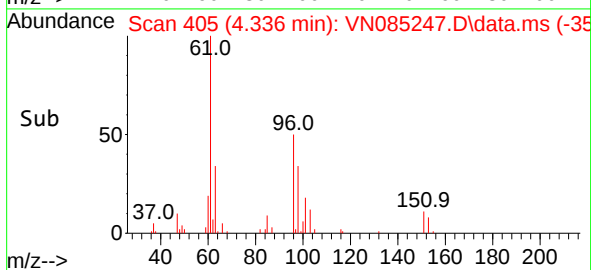
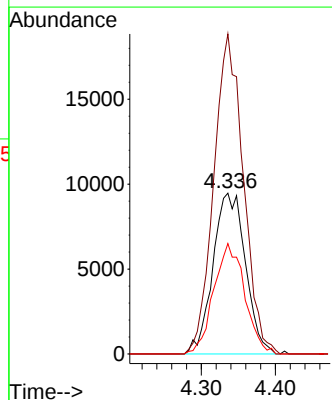
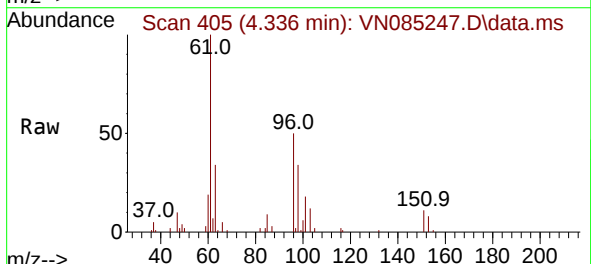
Instrument :
MSVOA_N
ClientSampleId :

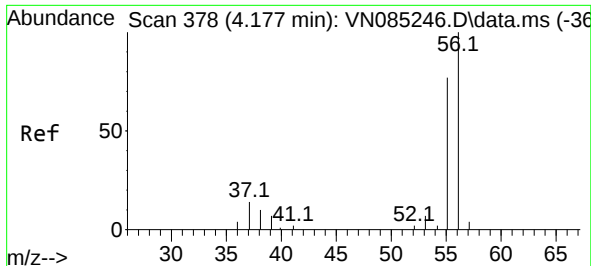
Tgt Ion: 59 Resp: 31707
Ion Ratio Lower Upper
59 100
57 11.2 8.2 12.4



#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# 31

Delta R.T. 0.006 min

Lab File: VN085247.D

Acq: 18 Dec 2024 12:44

Instrument :

MSVOA_N

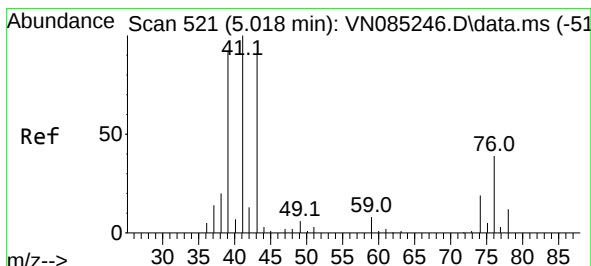
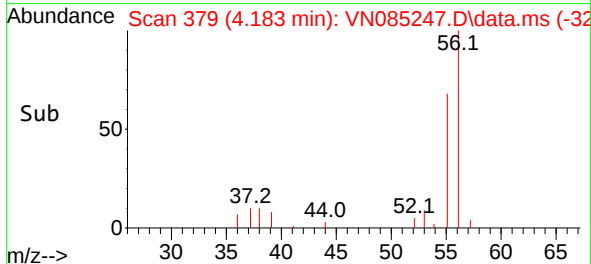
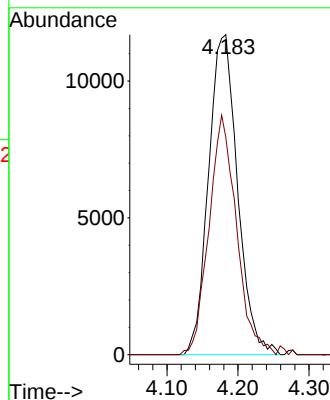
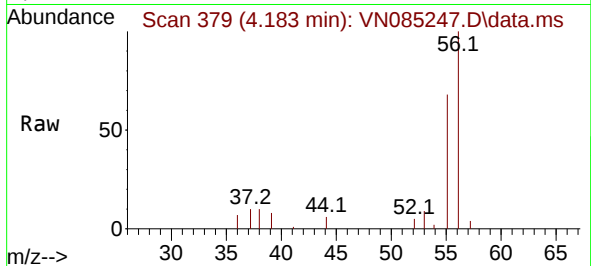
ClientSampleId :

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

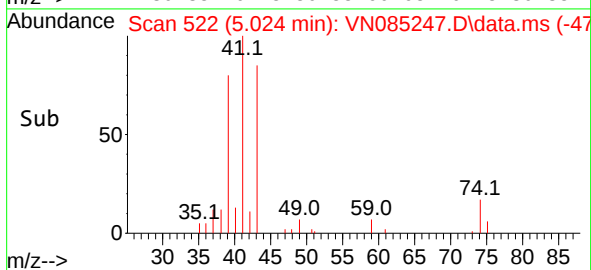
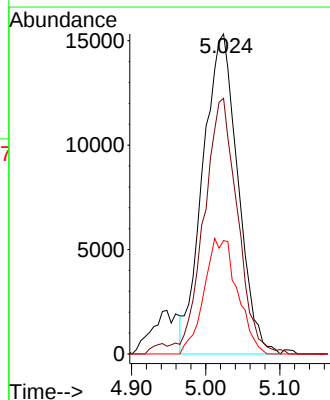
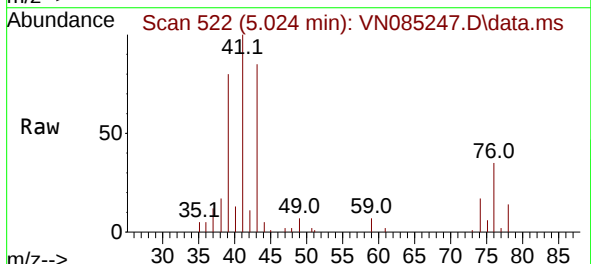
Tgt Ion: 41 Resp: 50227

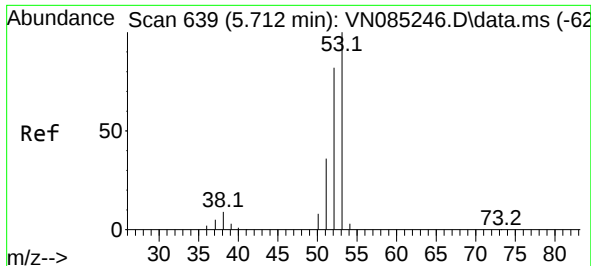
Ion Ratio Lower Upper

41 100

39 76.6 66.7 100.1

76 34.3 29.4 44.2

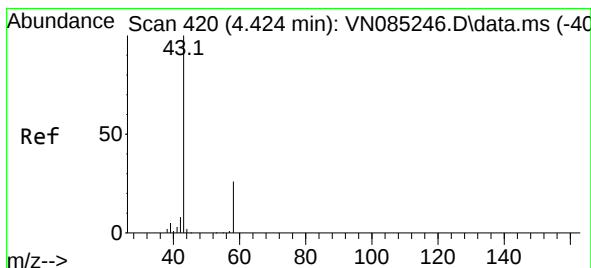
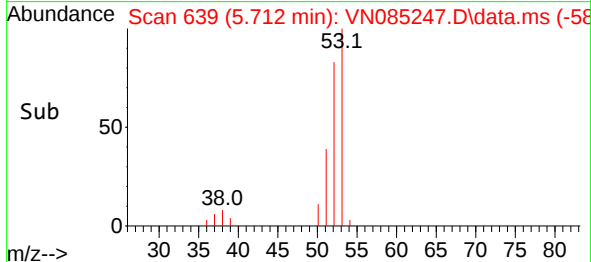
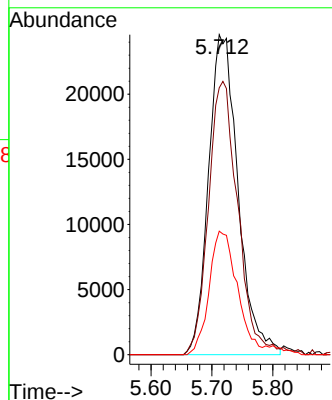
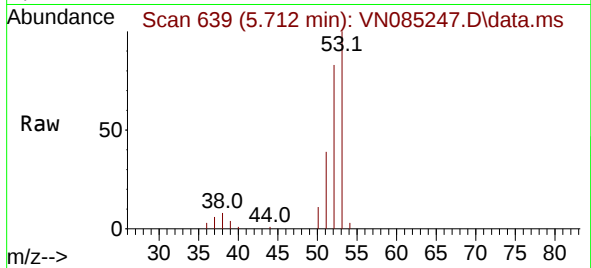




#15
Acrylonitrile
Concen: 95.772 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

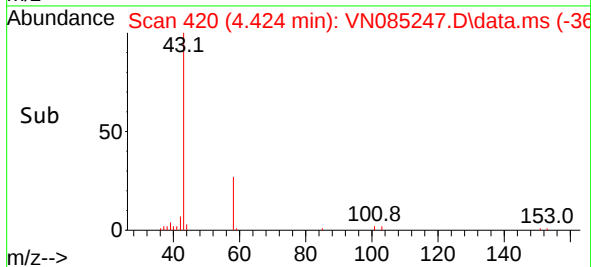
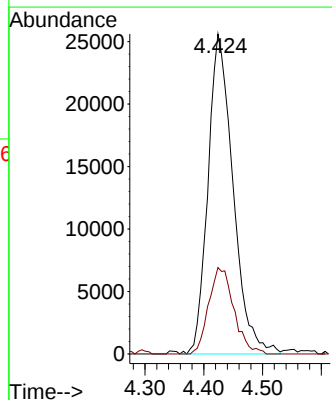
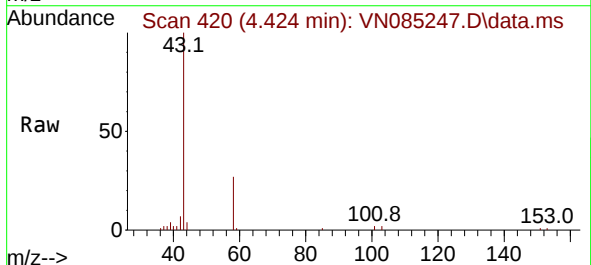
Instrument :
MSVOA_N
ClientSampleId :

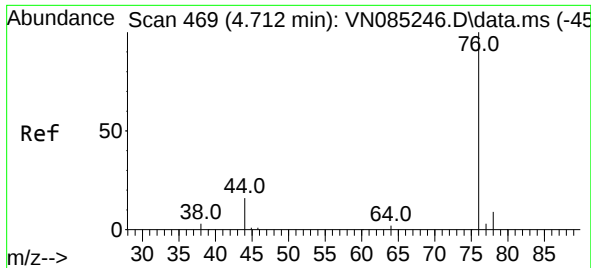
Tgt Ion: 53 Resp: 82870
Ion Ratio Lower Upper
53 100
52 85.5 66.3 99.5
51 36.8 28.2 42.2



#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

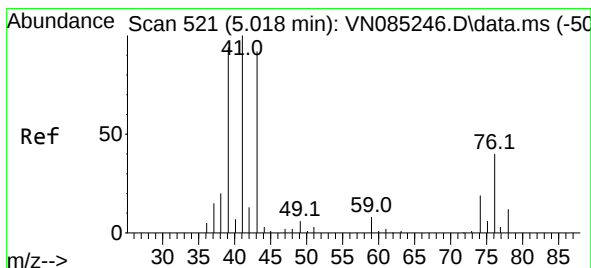
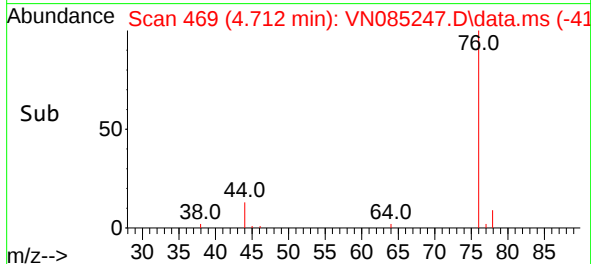
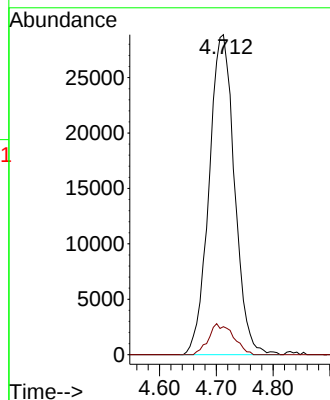
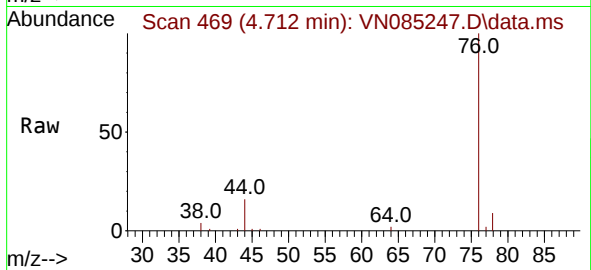




#17
Carbon Disulfide
Concen: 17.623 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

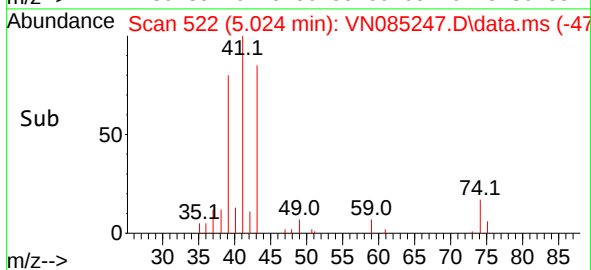
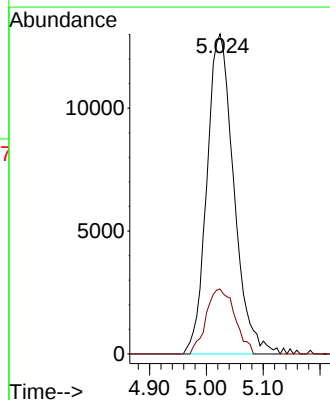
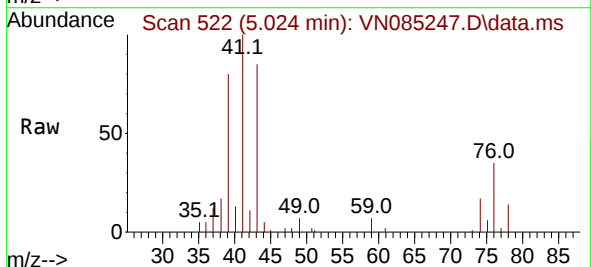
Instrument :
MSVOA_N
ClientSampleId :

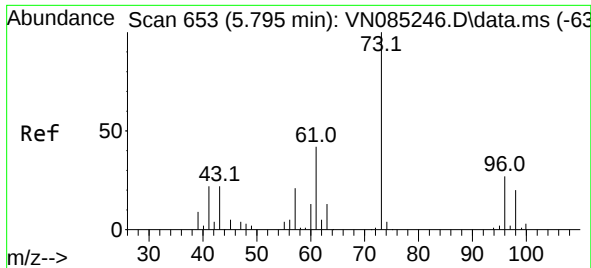
Tgt Ion: 76 Resp: 89817
Ion Ratio Lower Upper
76 100
78 8.7 6.8 10.2



#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

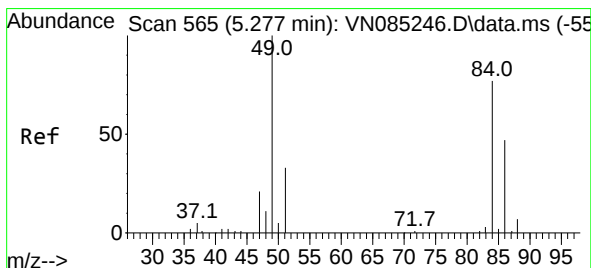
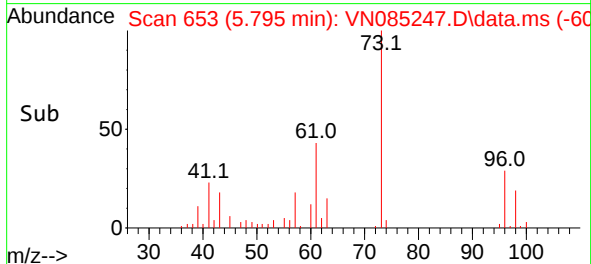
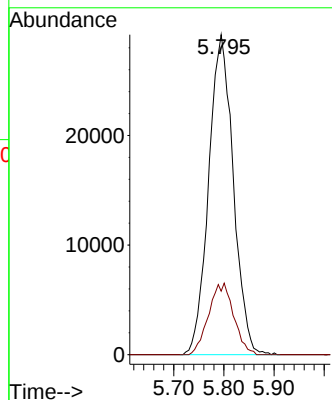
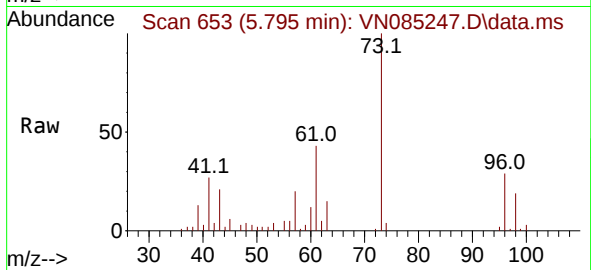




#19
Methyl tert-butyl Ether
Concen: 19.444 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

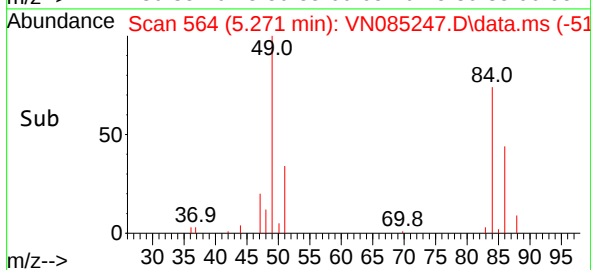
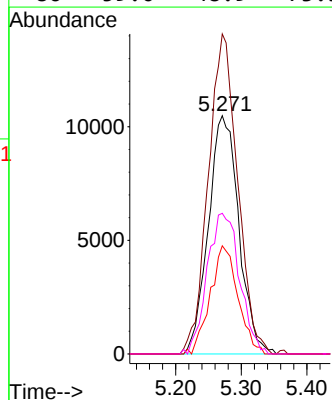
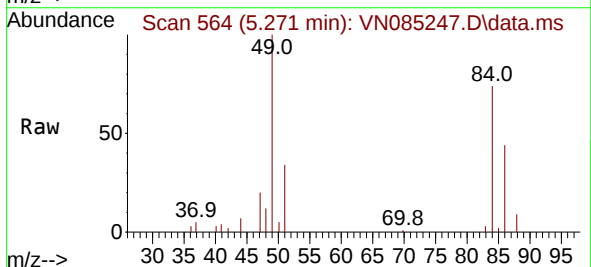
Instrument :
MSVOA_N
ClientSampleId :

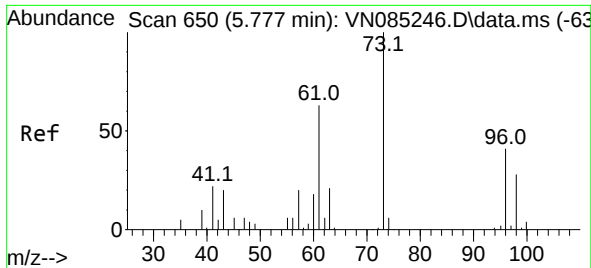
Tgt Ion: 73 Resp: 99531
Ion Ratio Lower Upper
73 100
57 19.8 17.0 25.6



#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

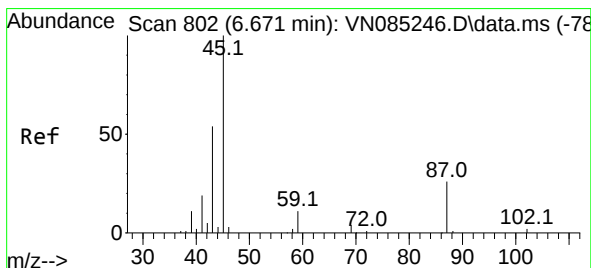
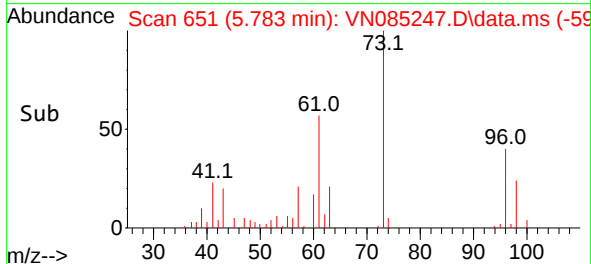
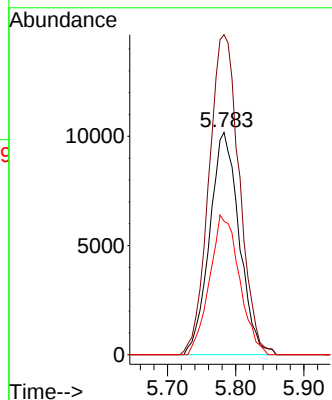
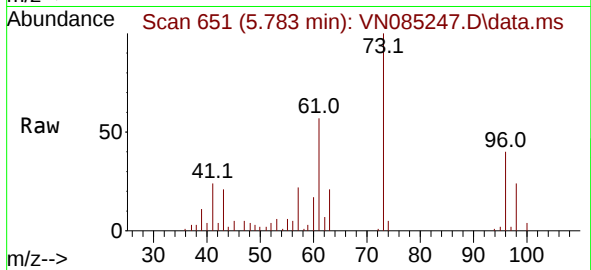




#21
trans-1,2-Dichloroethene
Concen: 18.654 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

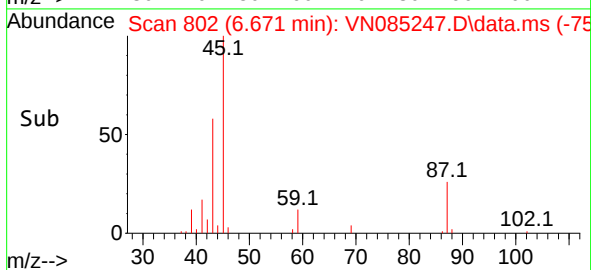
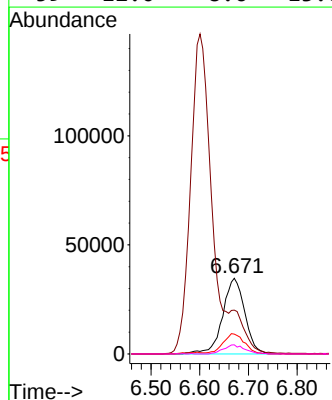
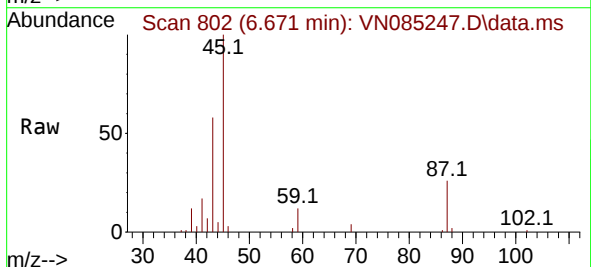
Instrument :
MSVOA_N
ClientSampleId :

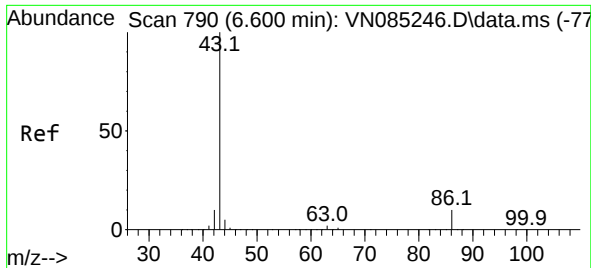
Tgt Ion: 96 Resp: 30715
Ion Ratio Lower Upper
96 100
61 144.0 122.0 183.0
98 60.1 54.3 81.5



#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

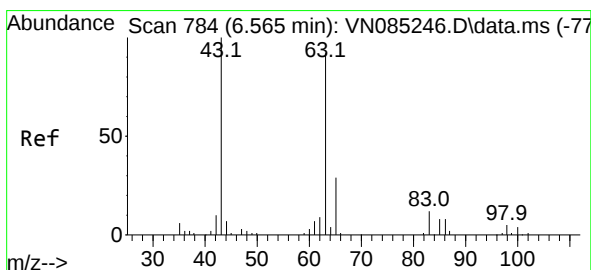
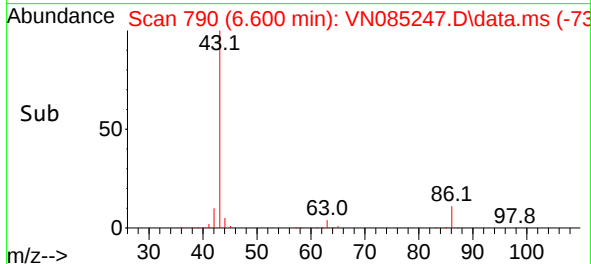
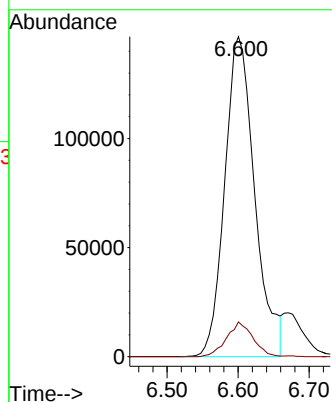
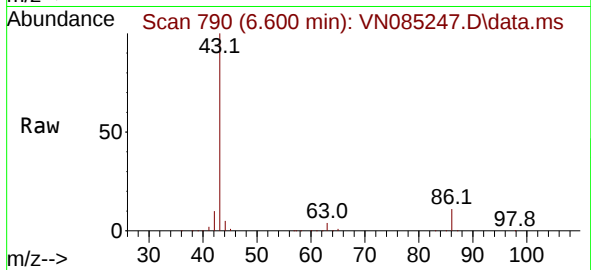




#23
 Vinyl Acetate
 Concen: 101.127 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN085247.D
 Acq: 18 Dec 2024 12:44

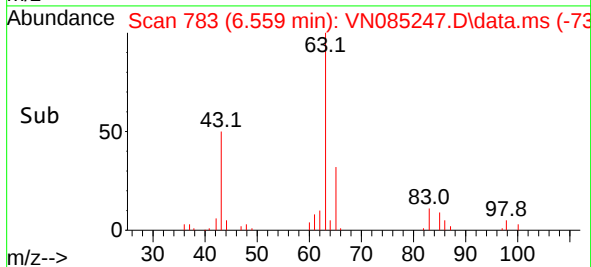
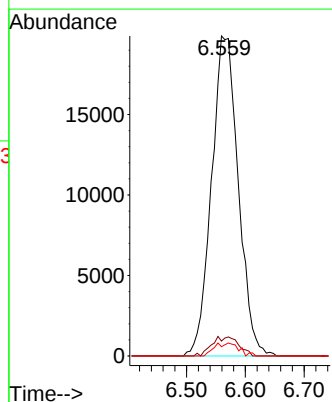
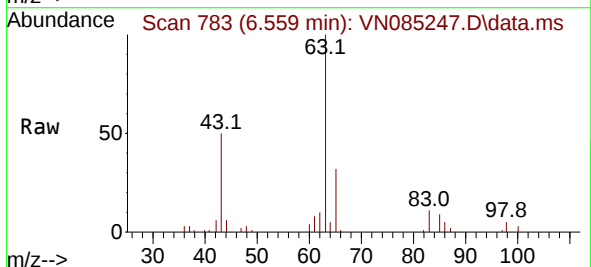
Instrument :
 MSVOA_N
 ClientSampleId :

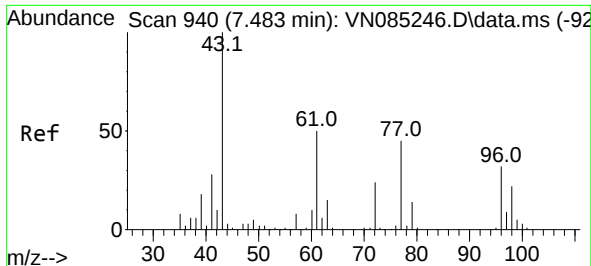
Tgt Ion: 43 Resp: 431157
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.8 11.8



#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

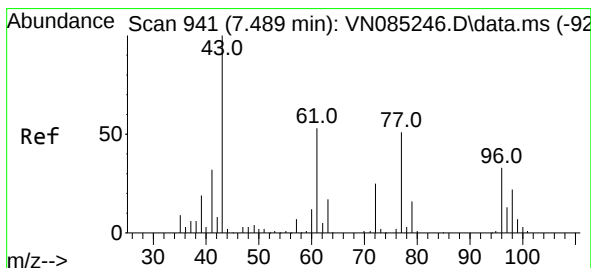
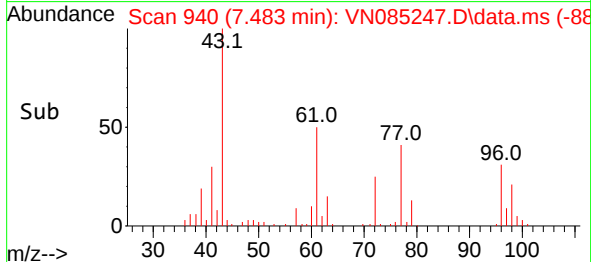
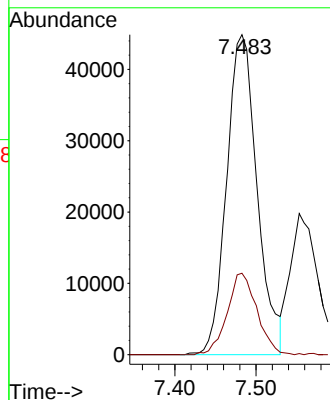
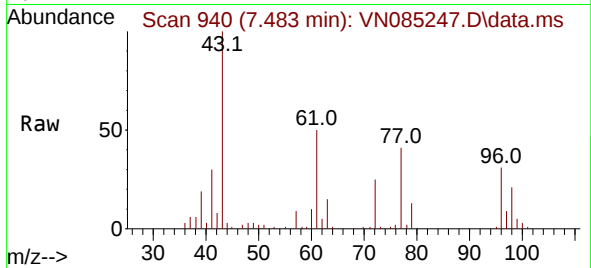




#25
2-Butanone
Concen: 97.044 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

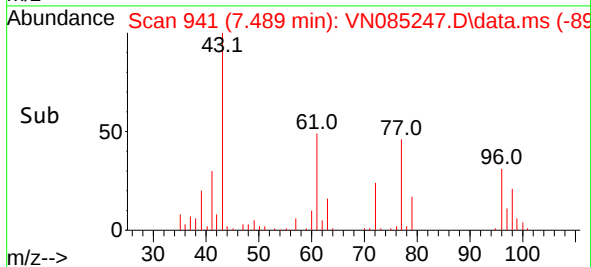
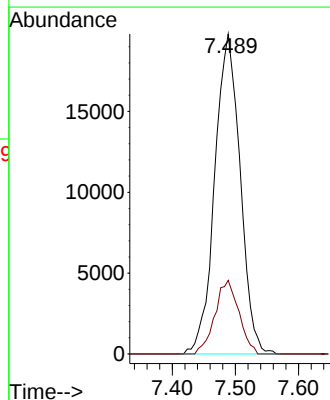
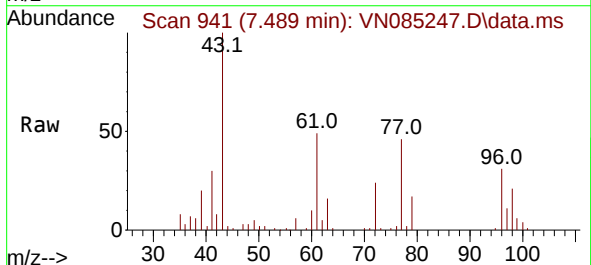
Instrument :
MSVOA_N
ClientSampleId :

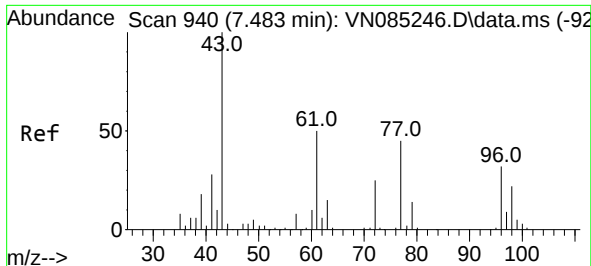
Tgt Ion: 43 Resp: 117321
Ion Ratio Lower Upper
43 100
72 25.4 19.6 29.4



#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

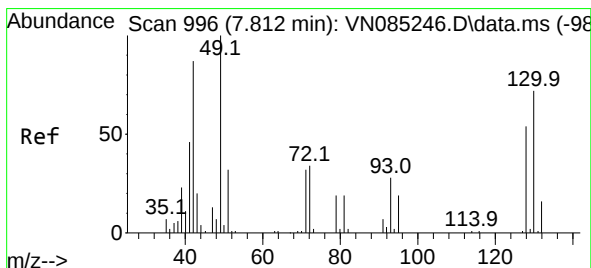
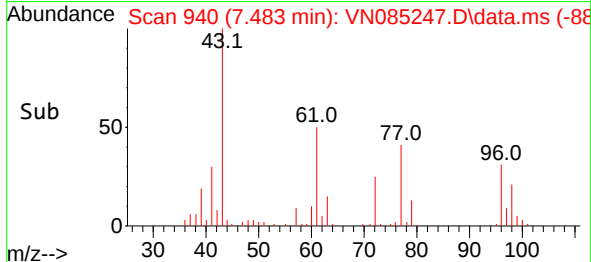
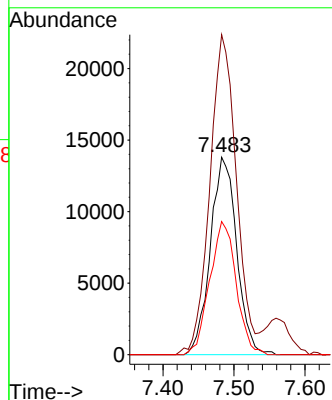
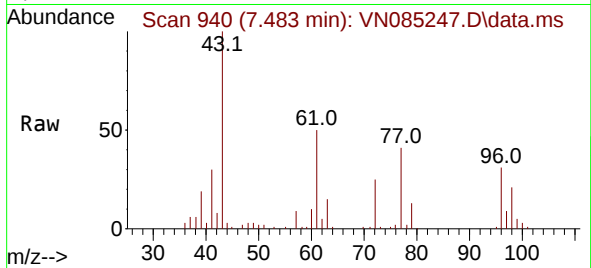




#27
 cis-1,2-Dichloroethene
 Concen: 18.560 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN085247.D
 Acq: 18 Dec 2024 12:44

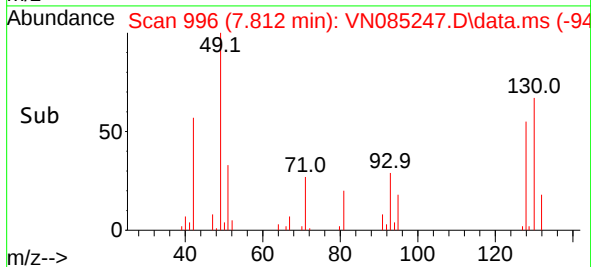
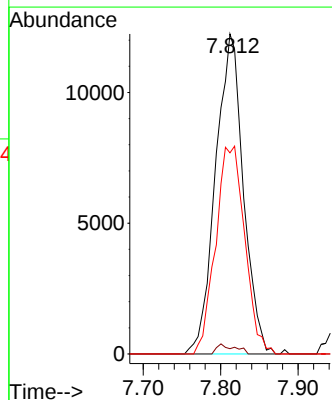
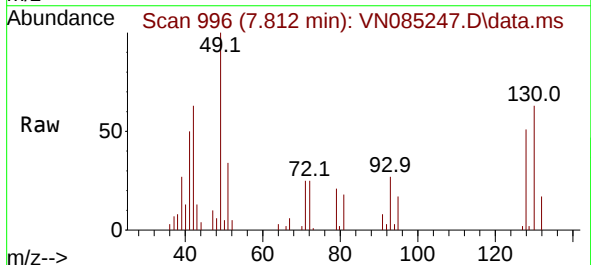
Instrument :
 MSVOA_N
 ClientSampleId :

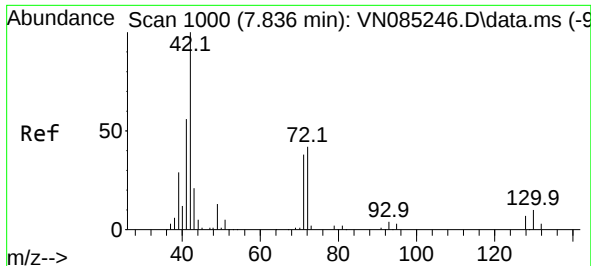
Tgt Ion: 96 Resp: 35581
 Ion Ratio Lower Upper
 96 100
 61 163.9 0.0 316.4
 98 67.7 0.0 125.4



#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# 1000

Delta R.T. -0.000 min

Lab File: VN085247.D

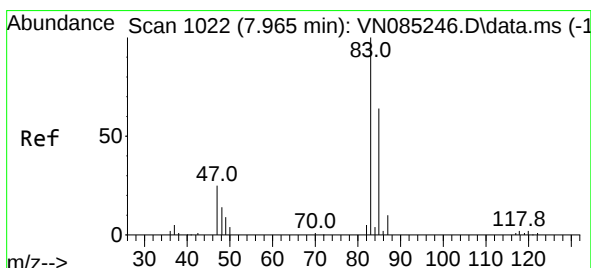
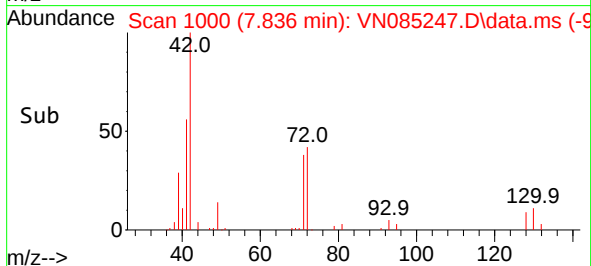
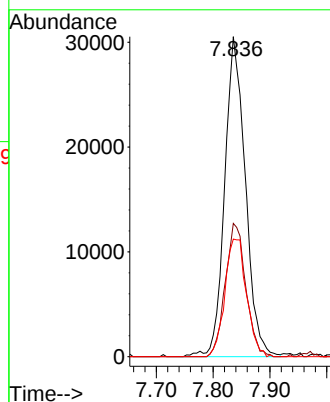
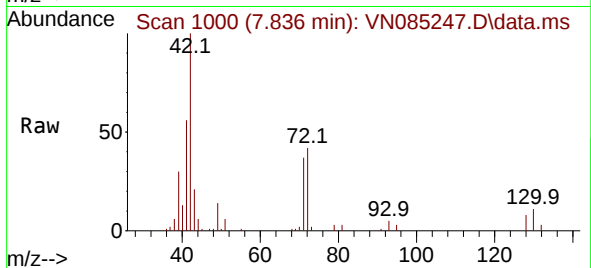
Acq: 18 Dec 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

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

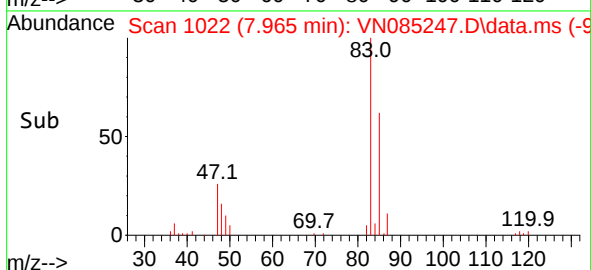
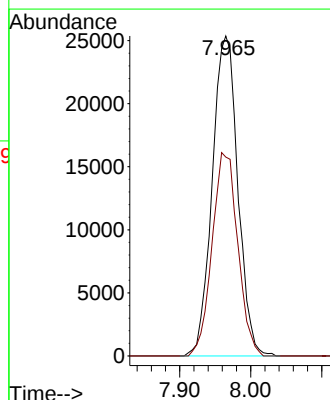
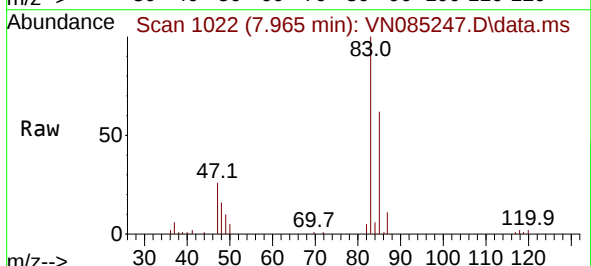
RT: 7.965 min Scan# 1022

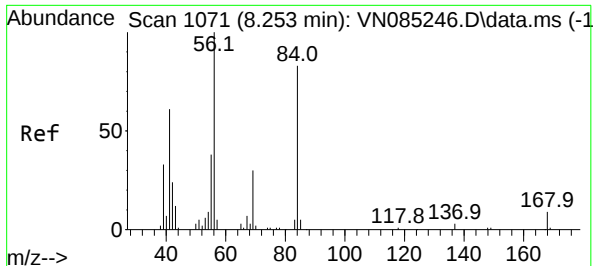
Delta R.T. -0.000 min

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

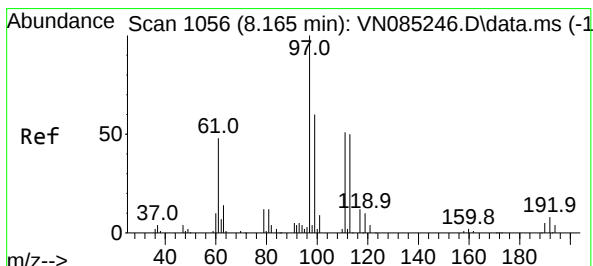
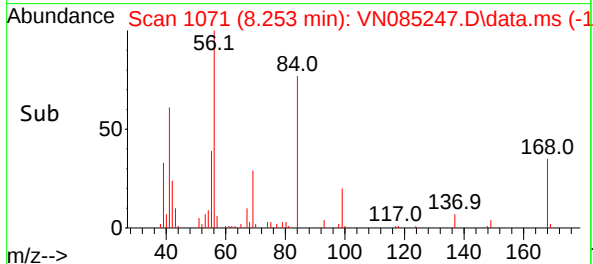
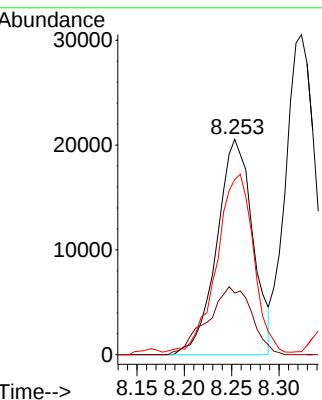
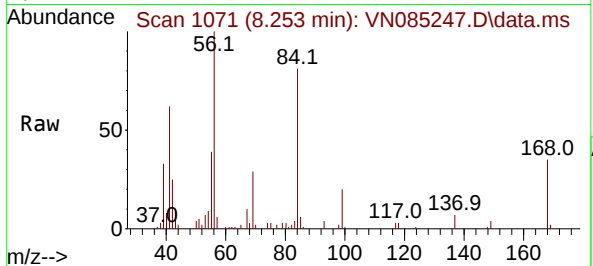




#31
Cyclohexane
Concen: 18.388 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

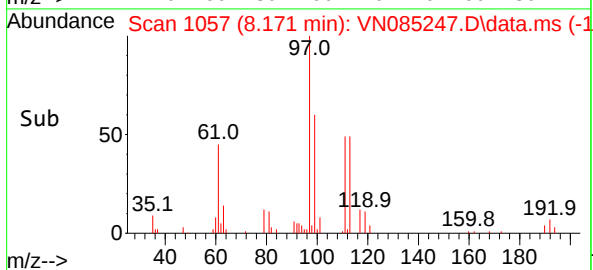
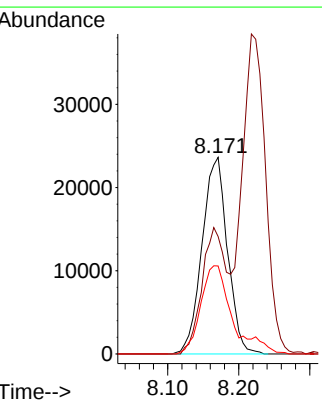
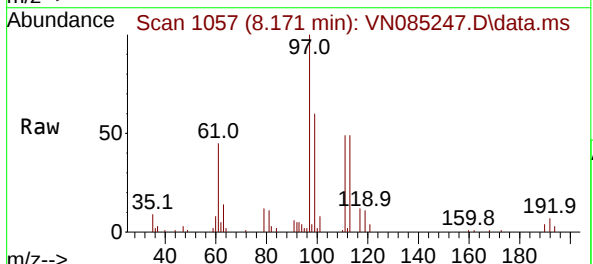
Instrument :
MSVOA_N
ClientSampleId :

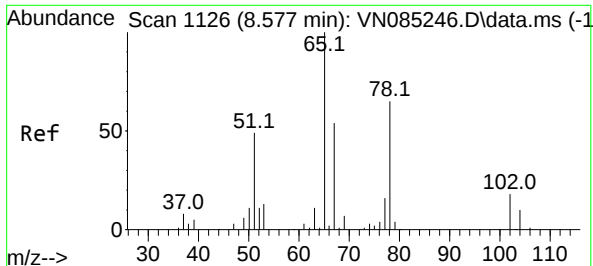
Tgt Ion: 56	Resp: 54406
Ion Ratio	Lower Upper
56	100
69	28.6 23.6 35.4
84	79.6 66.6 99.8



#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# 1126

Delta R.T. -0.000 min

Lab File: VN085247.D

Acq: 18 Dec 2024 12:44

Instrument :

MSVOA_N

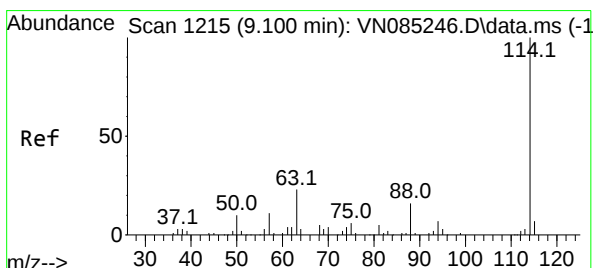
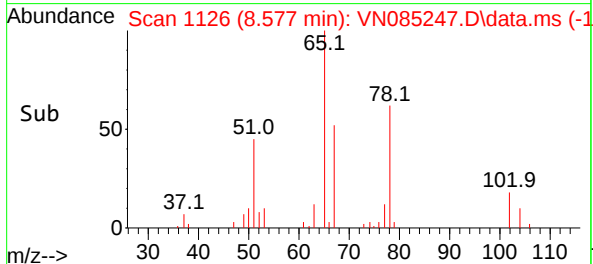
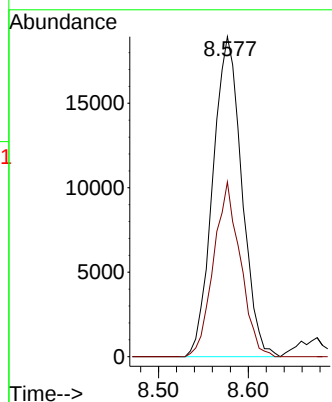
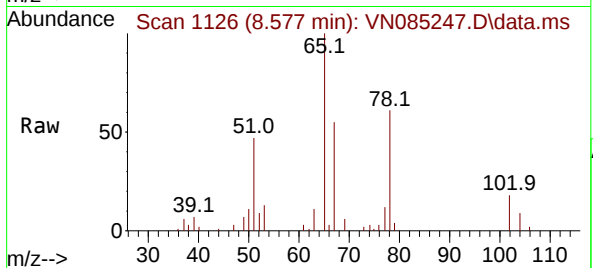
ClientSampleId :

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

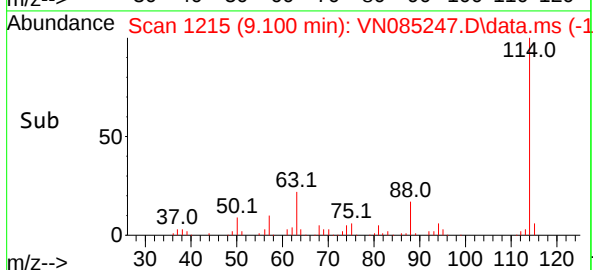
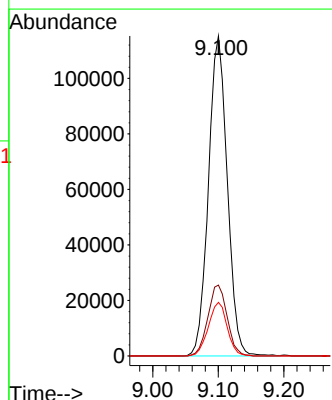
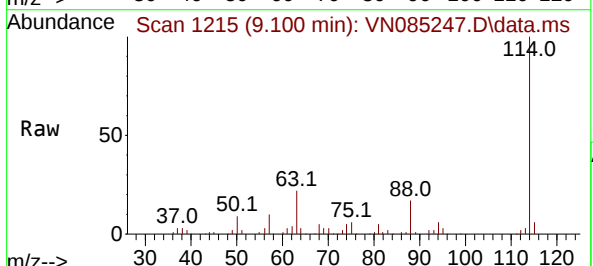
Tgt Ion: 114 Resp: 230166

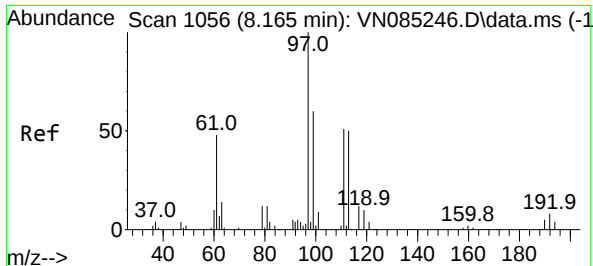
Ion Ratio Lower Upper

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

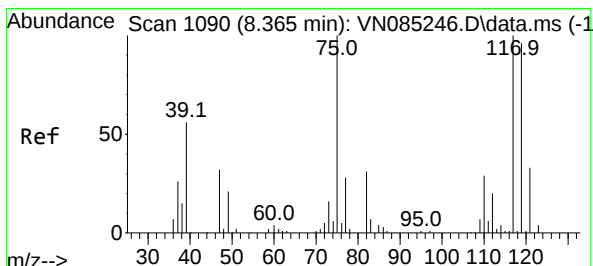
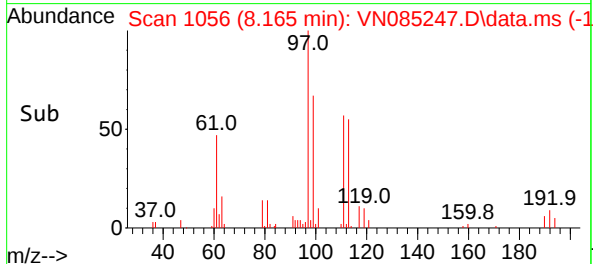
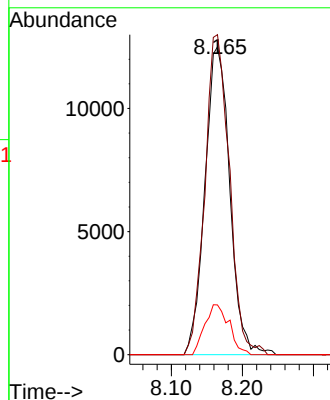
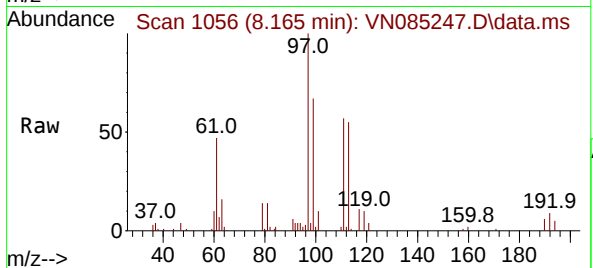
Acq: 18 Dec 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

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

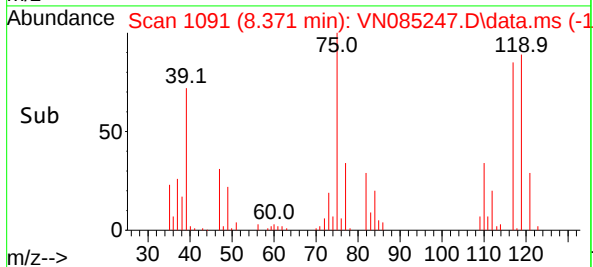
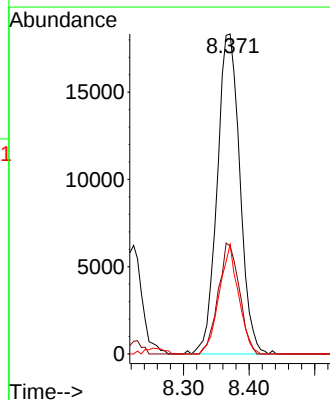
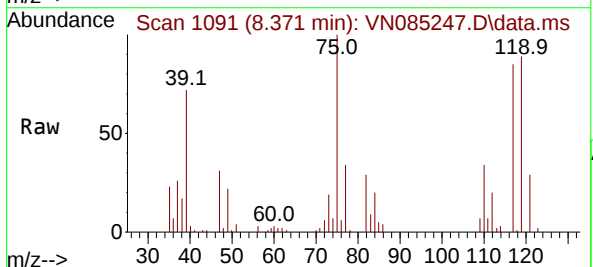
RT: 8.371 min Scan# 1091

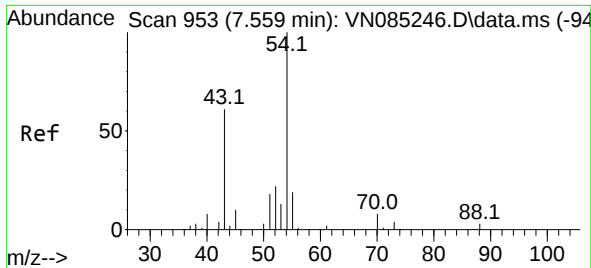
Delta R.T. 0.006 min

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

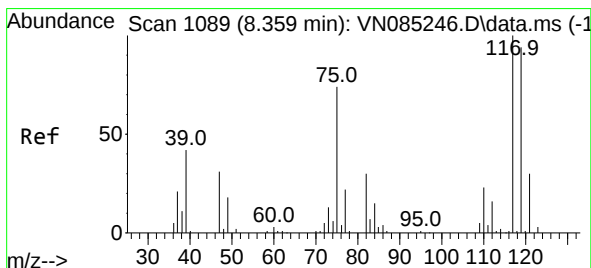
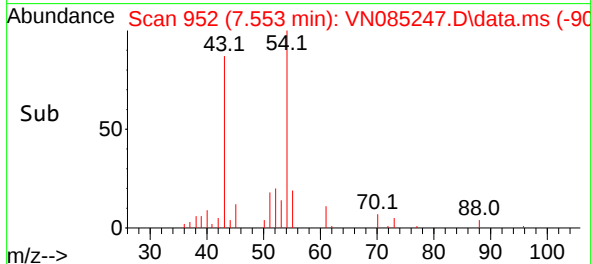
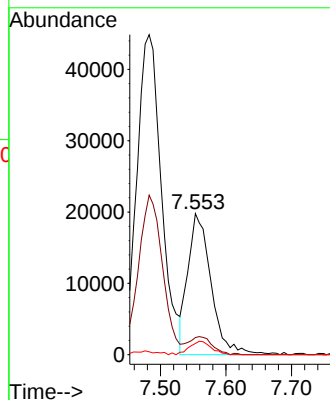
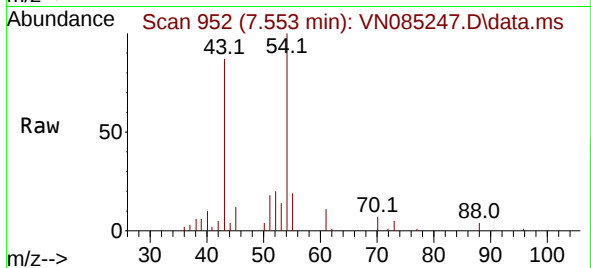




#37
Ethyl Acetate
Concen: 18.729 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

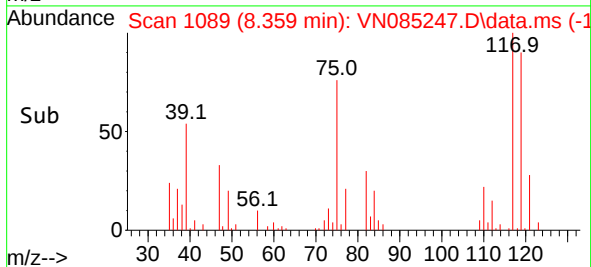
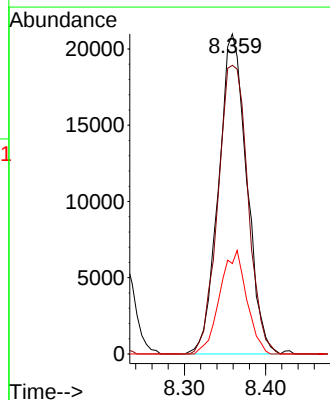
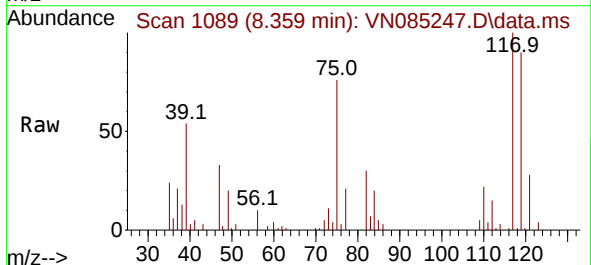
Instrument :
MSVOA_N
ClientSampleId :

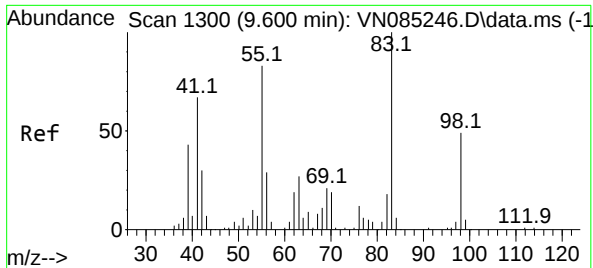
Tgt Ion: 43 Resp: 48687
Ion Ratio Lower Upper
43 100
61 12.7 9.8 14.6
70 8.8 7.8 11.8



#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# 1130

Delta R.T. -0.000 min

Lab File: VN085247.D

Acq: 18 Dec 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

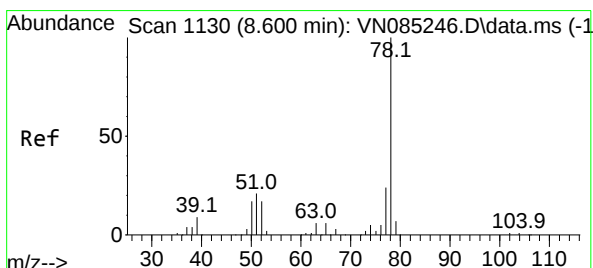
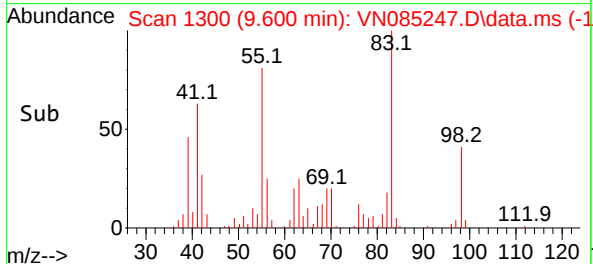
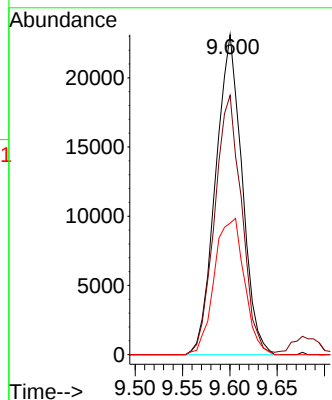
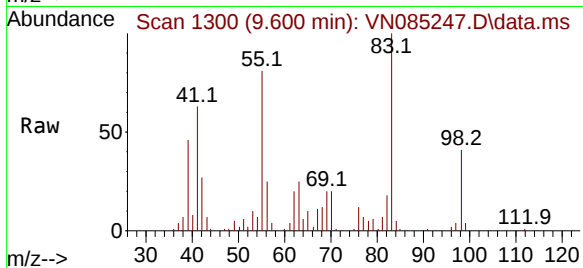
Tgt Ion: 83 Resp: 44865

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

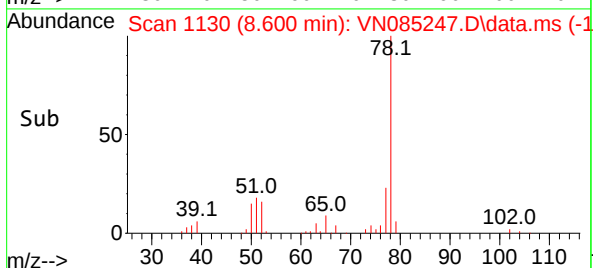
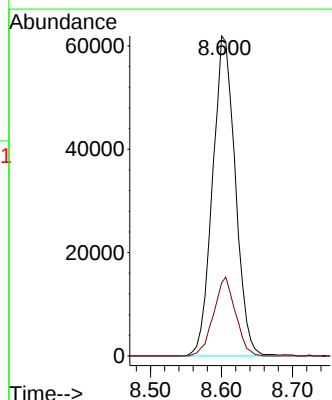
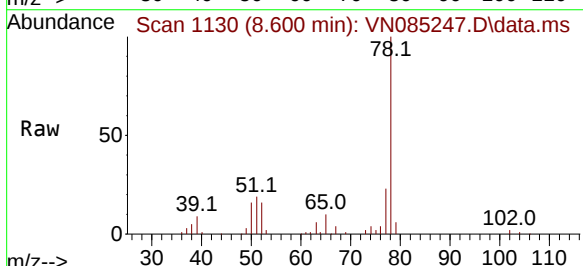
Acq: 18 Dec 2024 12:44

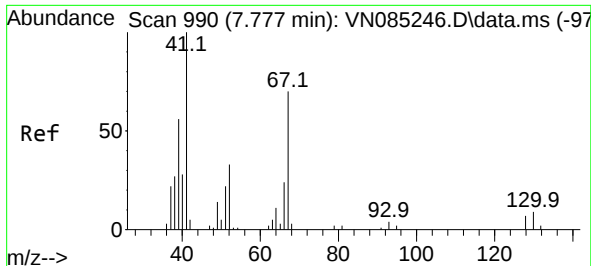
Tgt Ion: 78 Resp: 137494

Ion Ratio Lower Upper

78 100

77 22.8 18.9 28.3

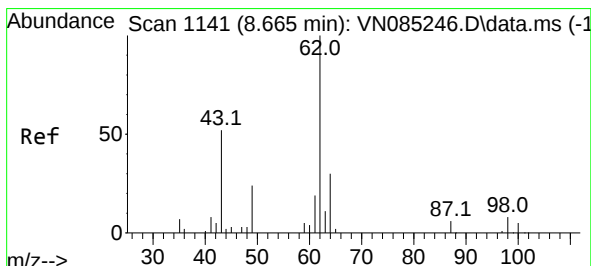
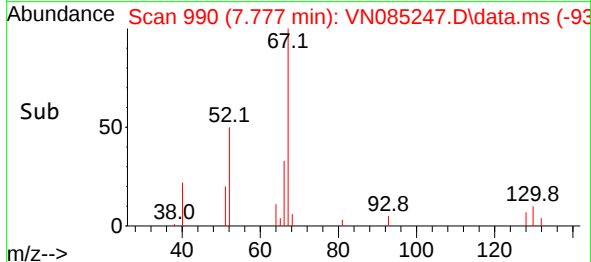
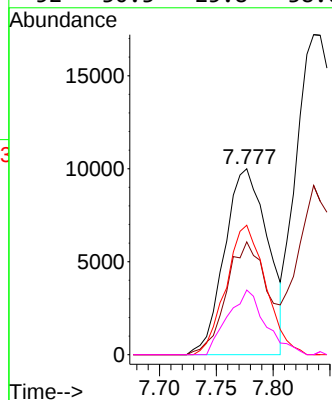
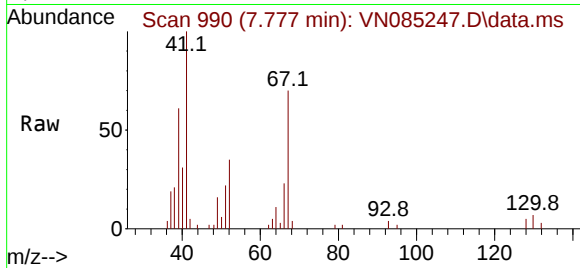




#41
Methacrylonitrile
Concen: 20.003 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

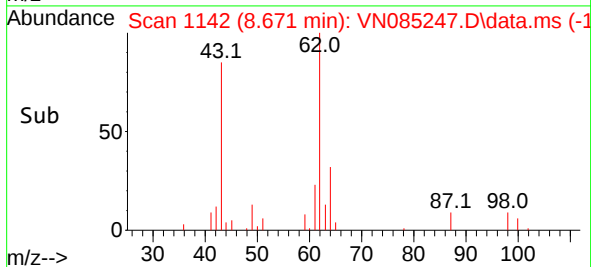
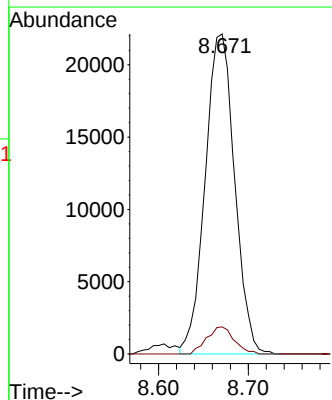
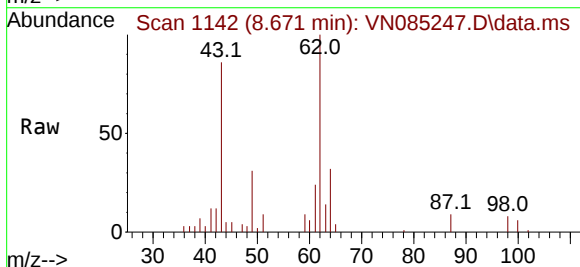
Instrument :
MSVOA_N
ClientSampleId :

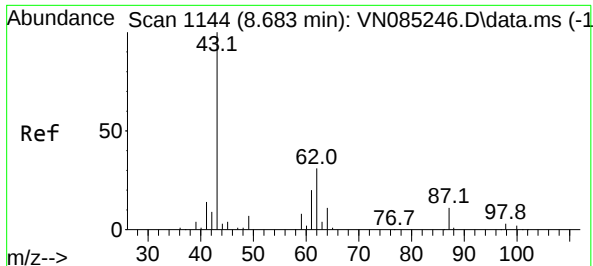
Tgt Ion: 41	Resp: 26500
Ion Ratio	Lower Upper
41 100	
39 57.9	44.0 66.0
67 63.6	56.0 84.0
52 30.3	25.8 38.6



#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

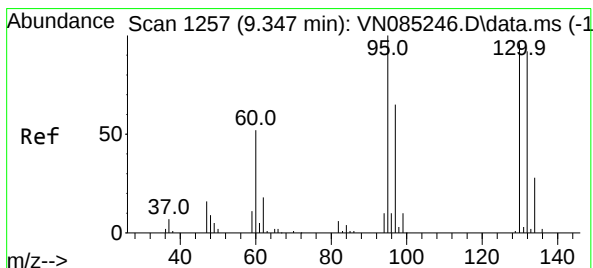
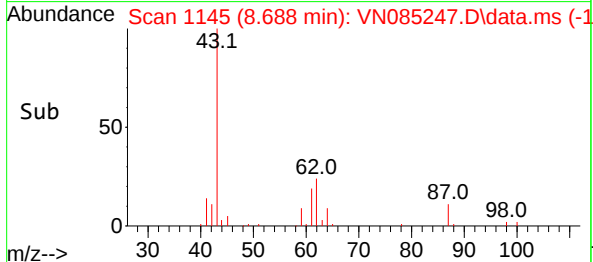
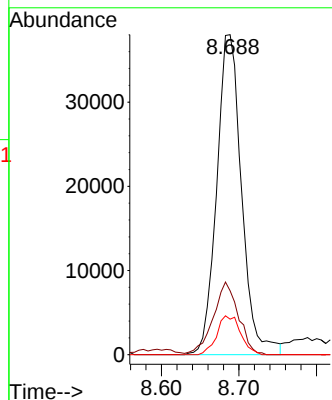
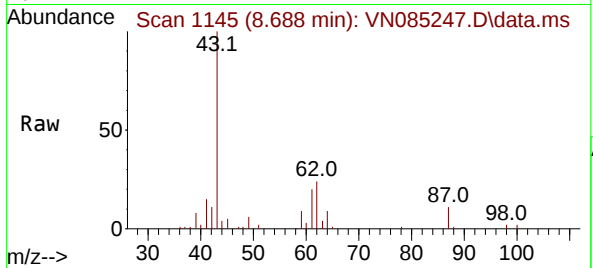




#43
Isopropyl Acetate
Concen: 17.884 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

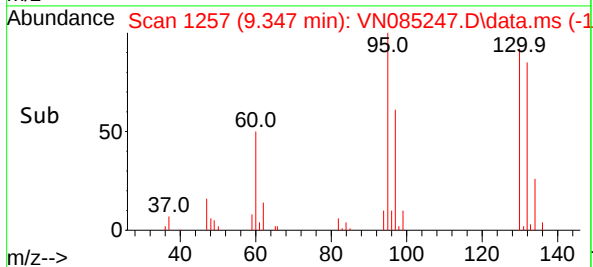
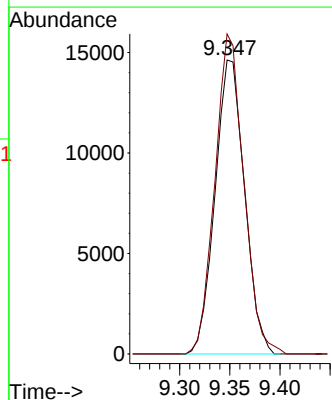
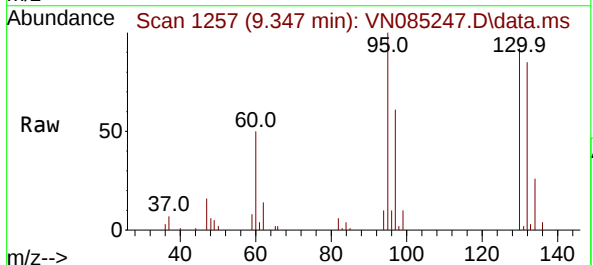
Instrument :
MSVOA_N
ClientSampleId :

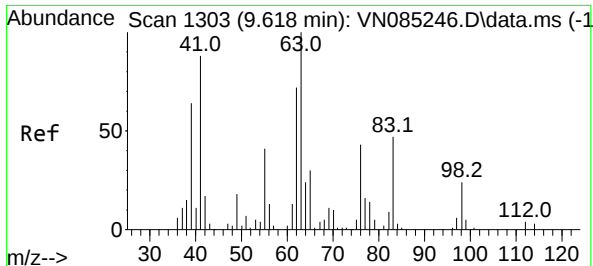
Tgt Ion: 43 Resp: 85017
Ion Ratio Lower Upper
43 100
61 22.9 19.0 28.4
87 11.6 9.3 13.9



#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# 1303

Delta R.T. -0.000 min

Lab File: VN085247.D

Acq: 18 Dec 2024 12:44

Instrument :

MSVOA_N

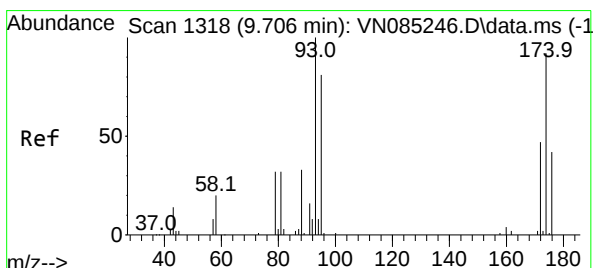
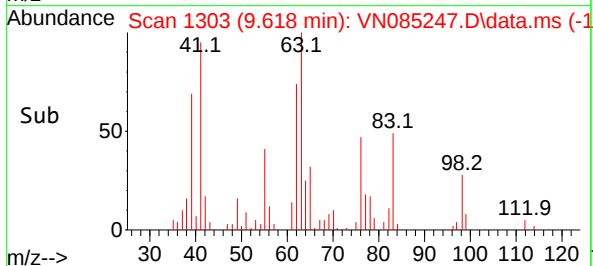
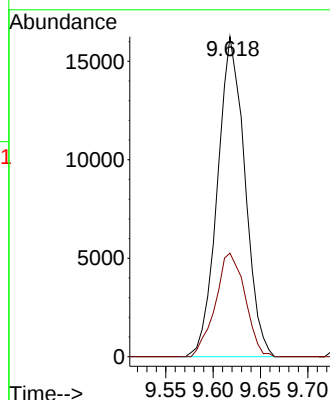
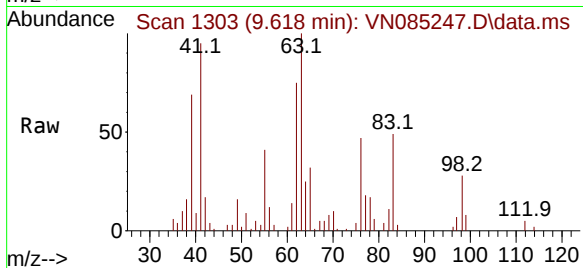
ClientSampleId :

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

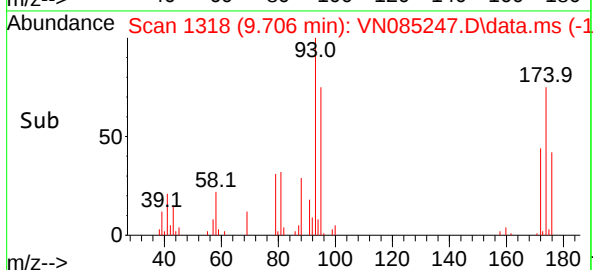
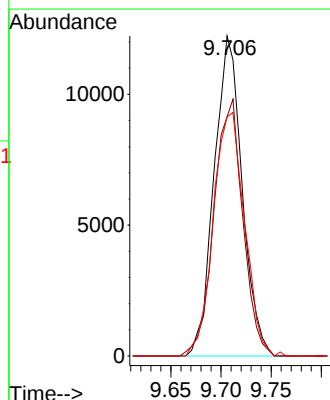
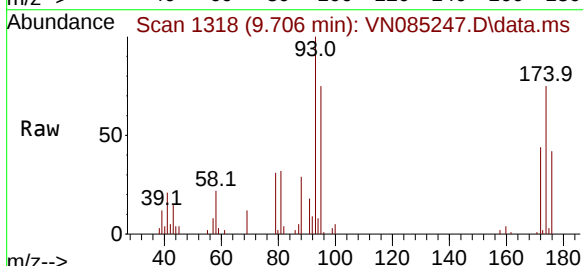
Tgt Ion: 93 Resp: 23677

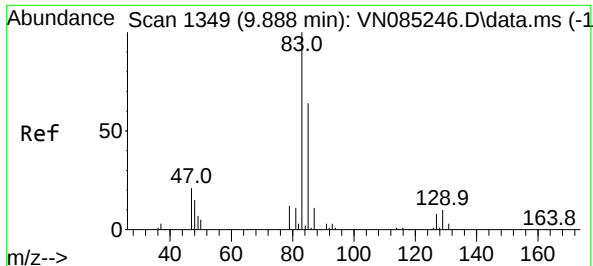
Ion Ratio Lower Upper

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# 1349

Delta R.T. -0.006 min

Lab File: VN085247.D

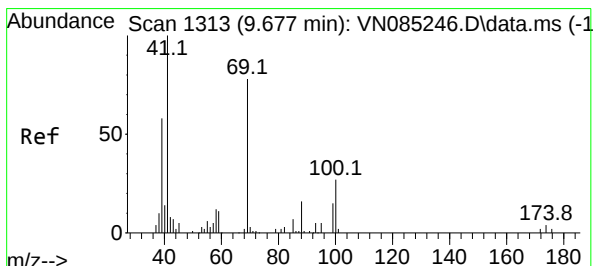
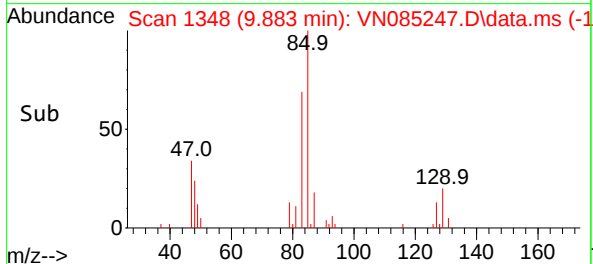
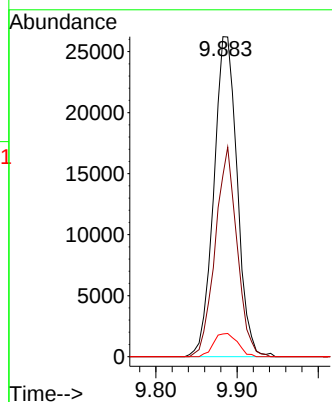
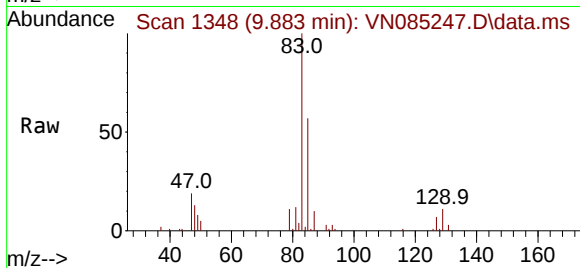
Acq: 18 Dec 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

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

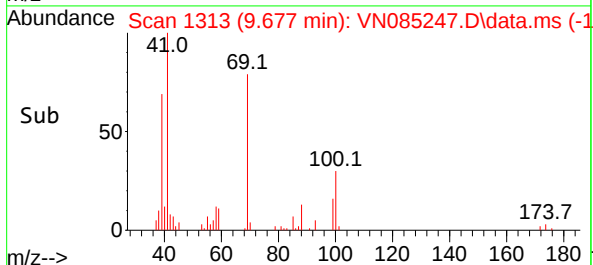
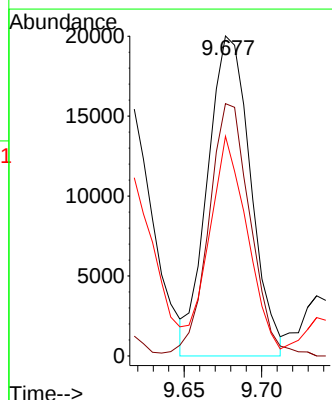
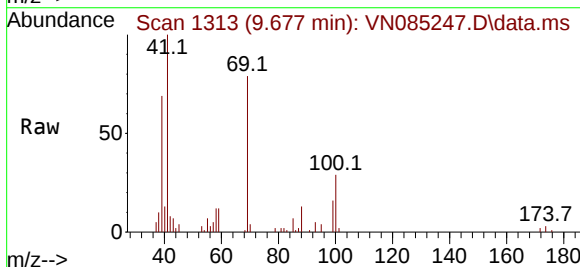
RT: 9.677 min Scan# 1313

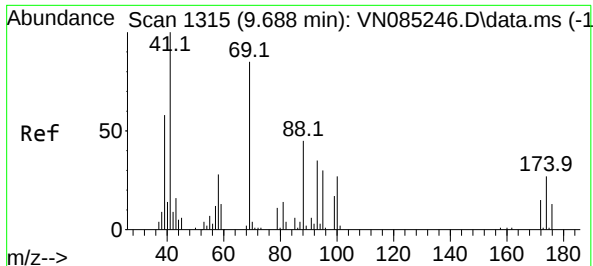
Delta R.T. -0.000 min

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

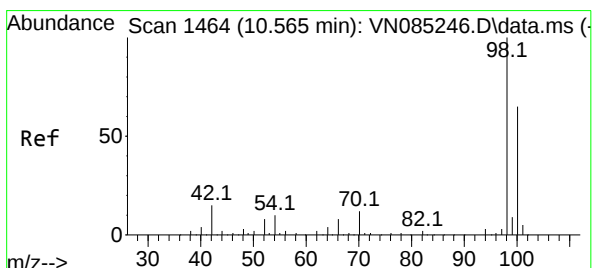
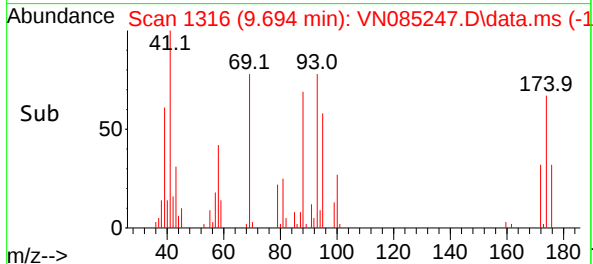
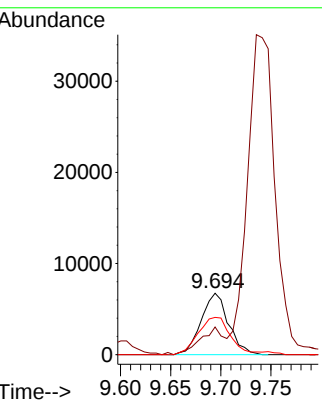
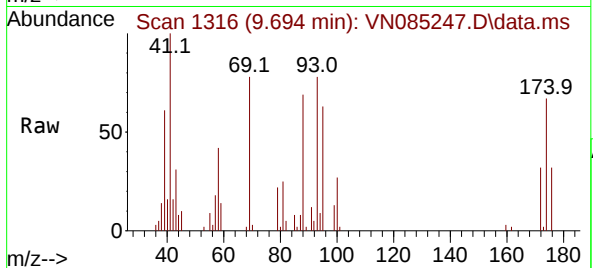




#49
1,4-Dioxane
Concen: 415.595 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

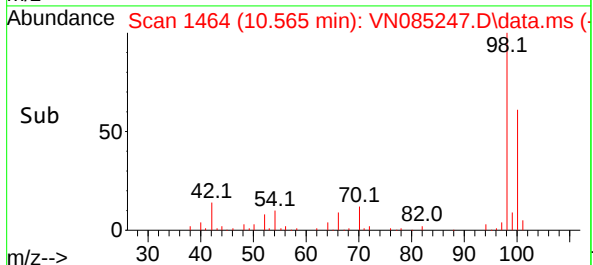
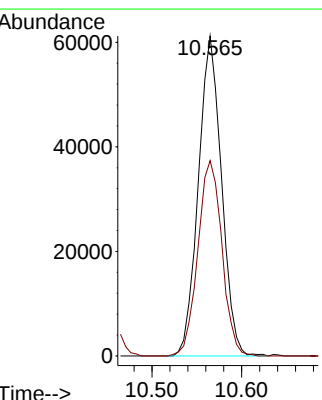
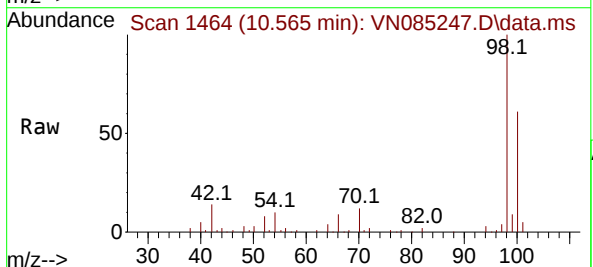
Instrument :
MSVOA_N
ClientSampleId :

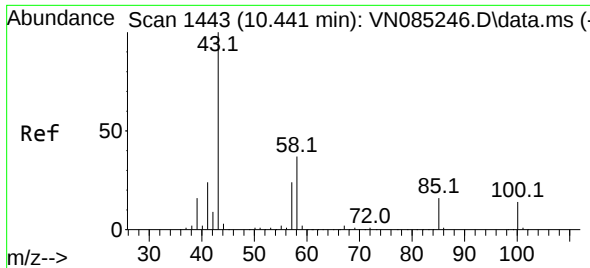
Tgt Ion: 88 Resp: 12769
Ion Ratio Lower Upper
88 100
43 39.4 25.6 38.4#
58 74.3 56.5 84.7



#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

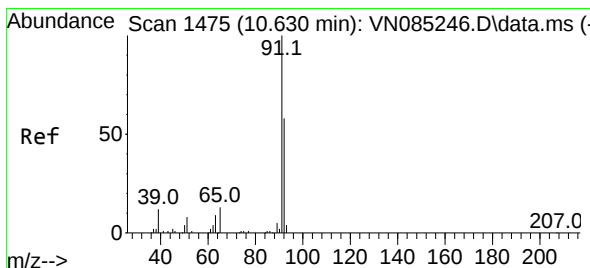
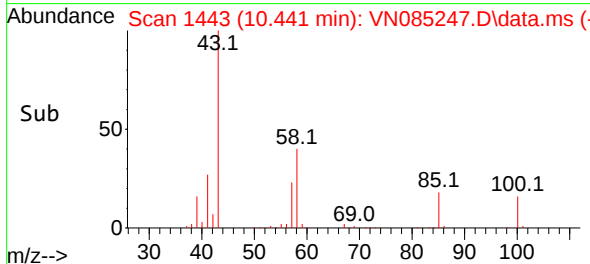
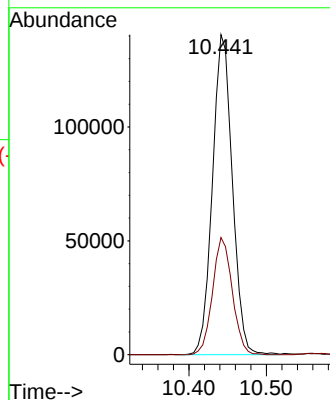
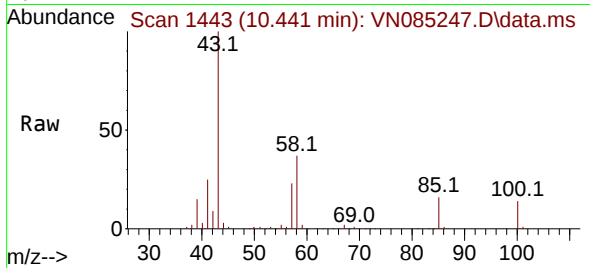




#51
4-Methyl-2-Pentanone
Concen: 100.473 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

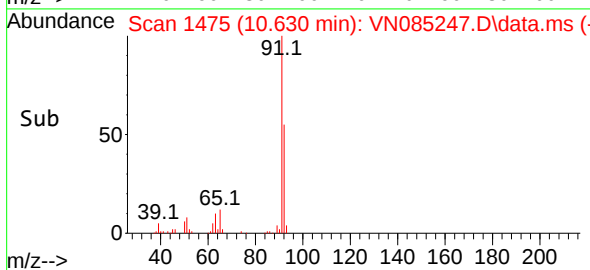
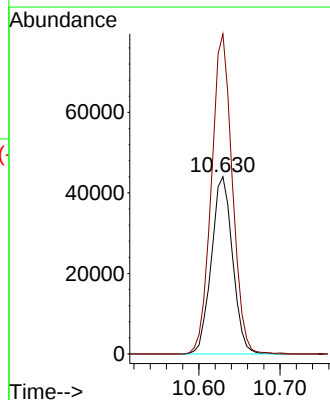
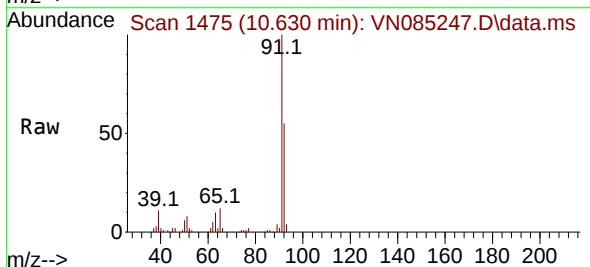
Instrument :
MSVOA_N
ClientSampleId :

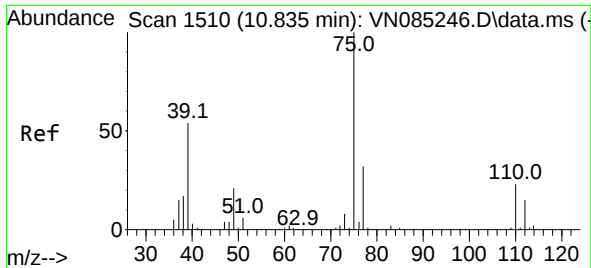
Tgt Ion: 43 Resp: 250961
Ion Ratio Lower Upper
43 100
58 36.2 29.4 44.2



#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

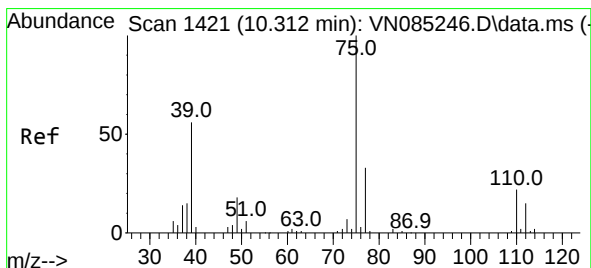
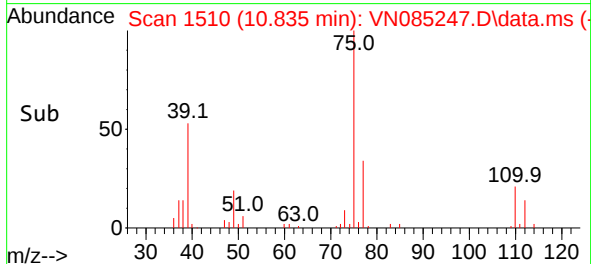
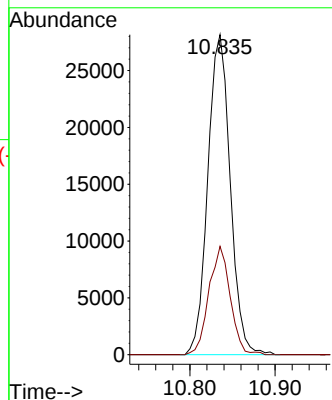
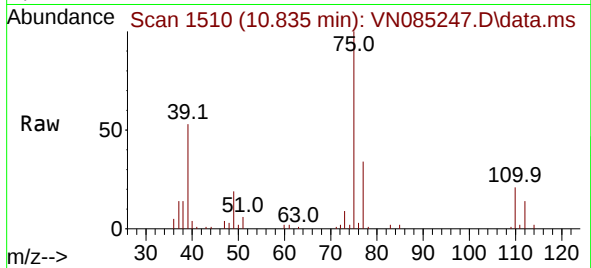




#53
 t-1,3-Dichloropropene
 Concen: 19.900 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN085247.D
 Acq: 18 Dec 2024 12:44

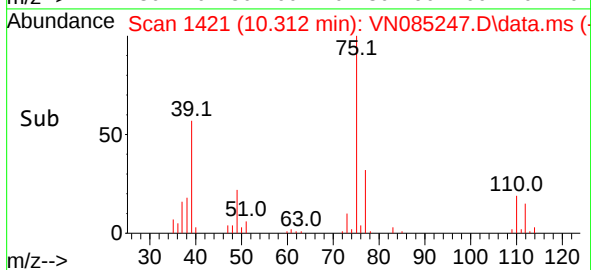
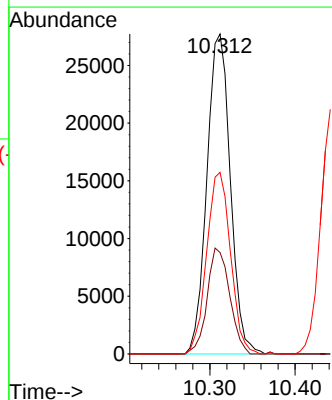
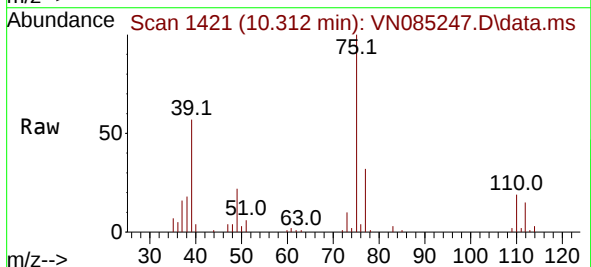
Instrument :
 MSVOA_N
 ClientSampleId :

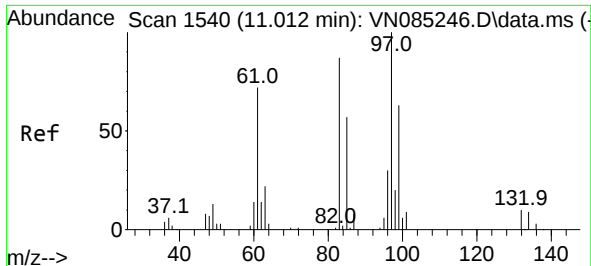
Tgt Ion: 75 Resp: 51490
 Ion Ratio Lower Upper
 75 100
 77 33.9 25.4 38.0



#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

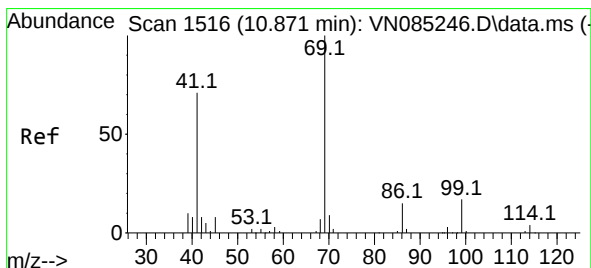
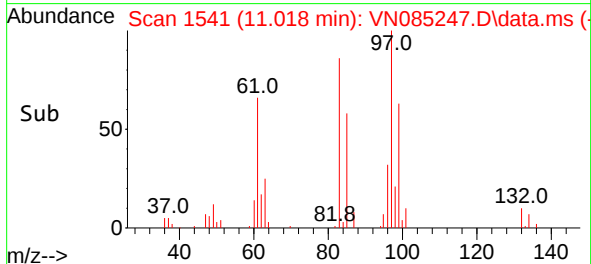
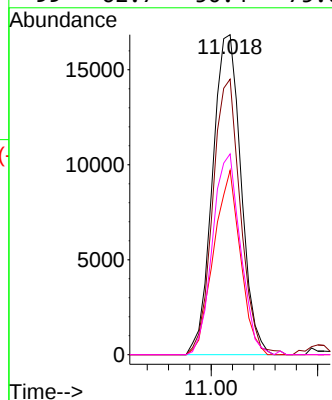
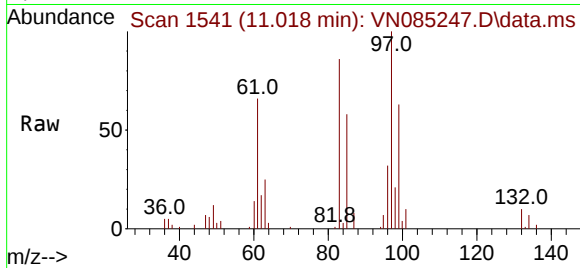




#55
1,1,2-Trichloroethane
Concen: 19.818 ug/l
RT: 11.018 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

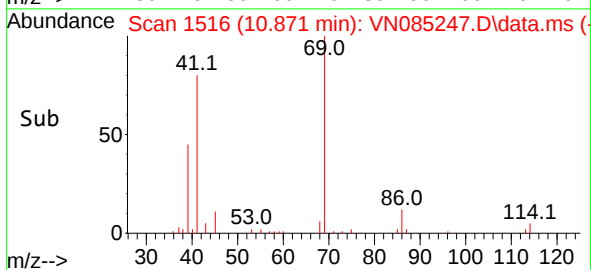
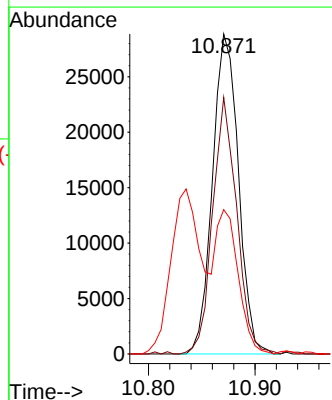
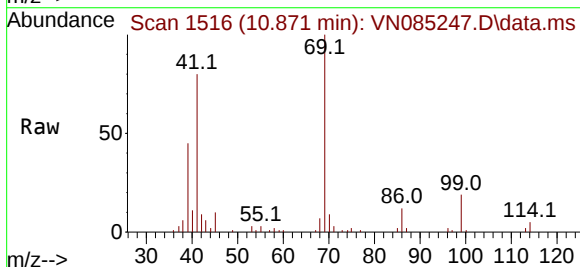
Instrument :
MSVOA_N
ClientSampleId :

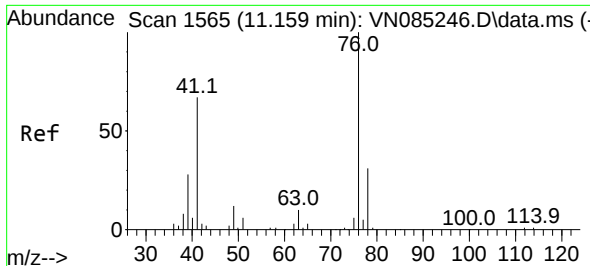
Tgt Ion: 97	Resp: 31277
Ion Ratio	Lower Upper
97 100	
83 86.1	69.6 104.4
85 57.6	45.7 68.5
99 62.7	50.4 75.6



#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

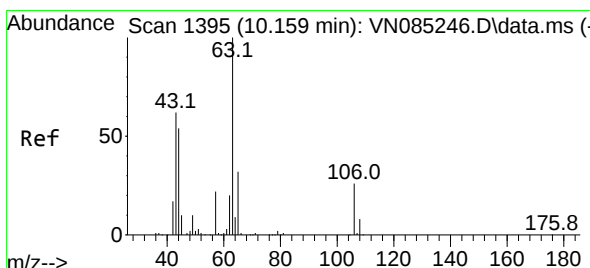
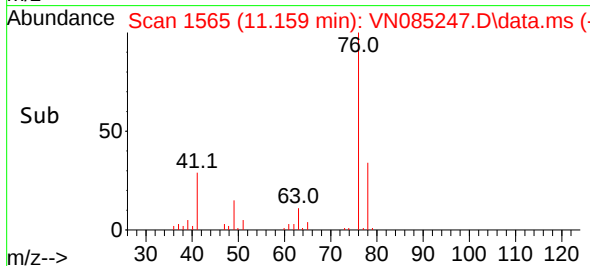
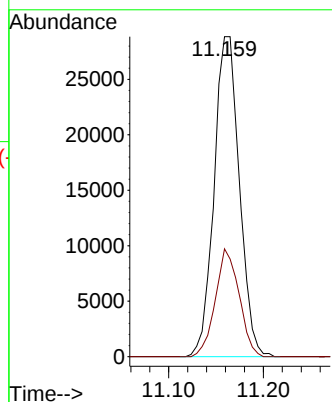
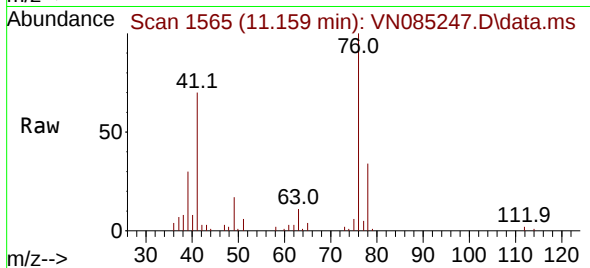
ClientSampleId :

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

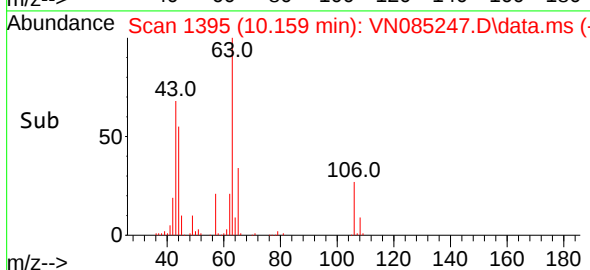
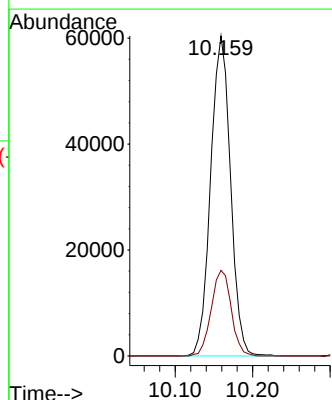
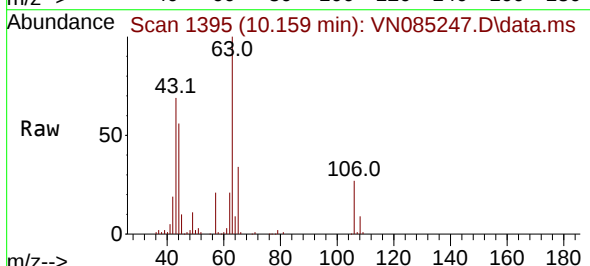
Acq: 18 Dec 2024 12:44

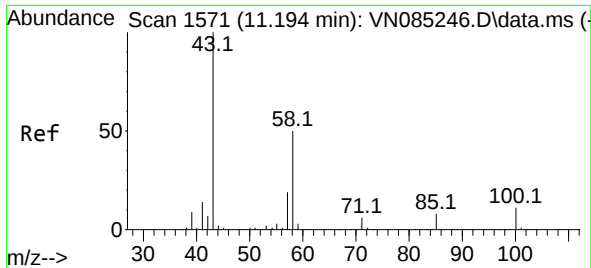
Tgt Ion: 63 Resp: 107576

Ion Ratio Lower Upper

63 100

106 26.8 21.2 31.8

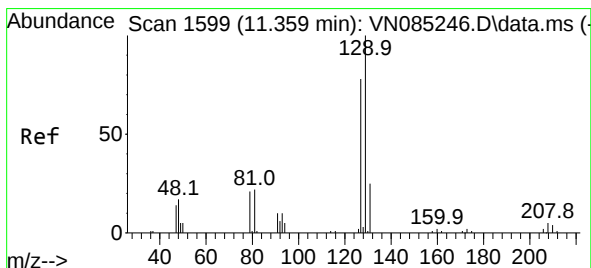
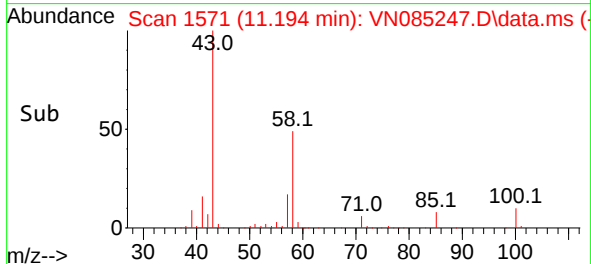
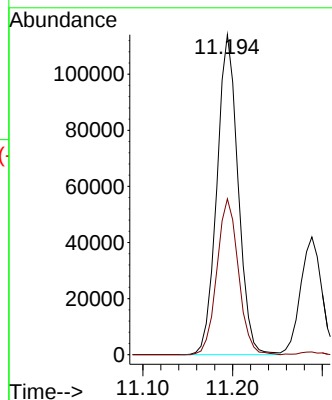
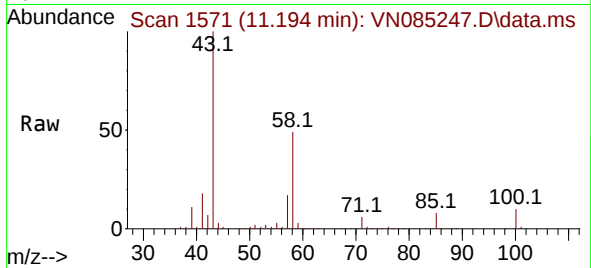




#59
2-Hexanone
Concen: 105.094 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

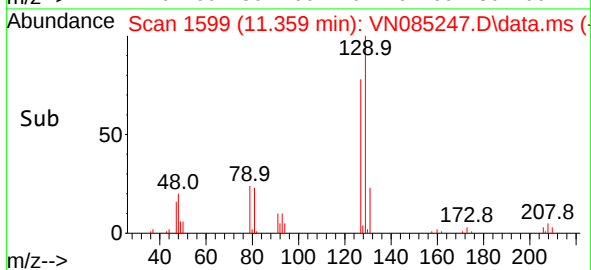
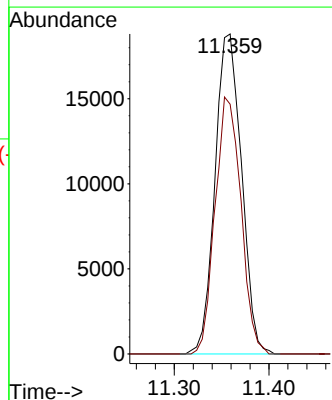
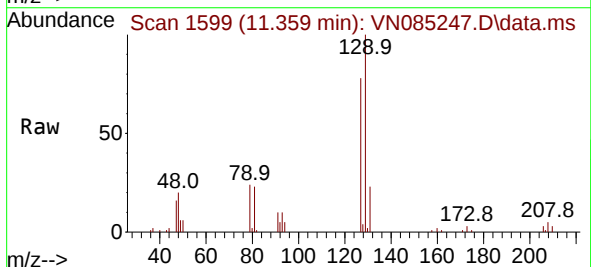
Instrument :
MSVOA_N
ClientSampleId :

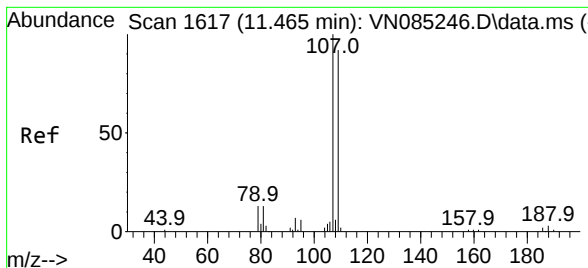
Tgt Ion: 43 Resp: 187121
Ion Ratio Lower Upper
43 100
58 49.3 25.8 77.4



#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

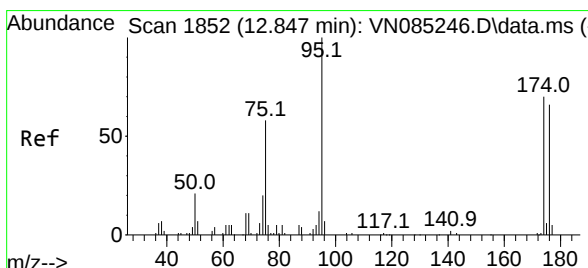
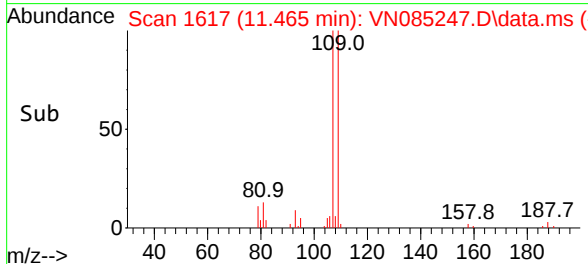
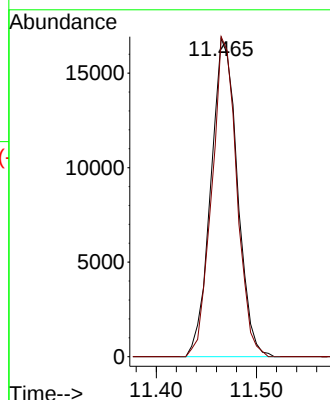
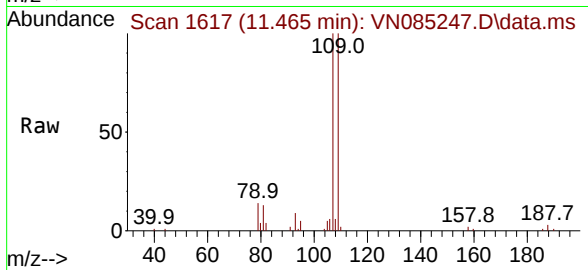




#61
1,2-Dibromoethane
Concen: 19.051 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

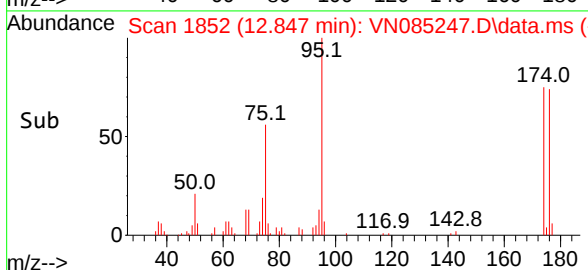
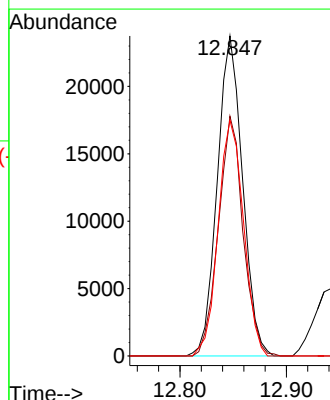
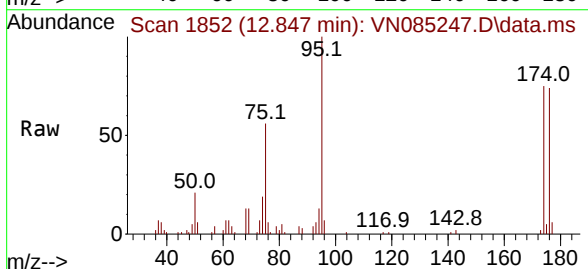
Instrument :
MSVOA_N
ClientSampleId :

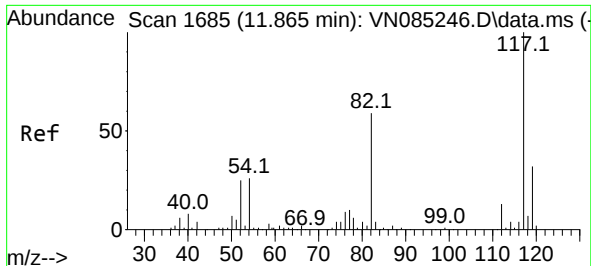
Tgt Ion:107 Resp: 30969
Ion Ratio Lower Upper
107 100
109 94.0 74.2 111.4



#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

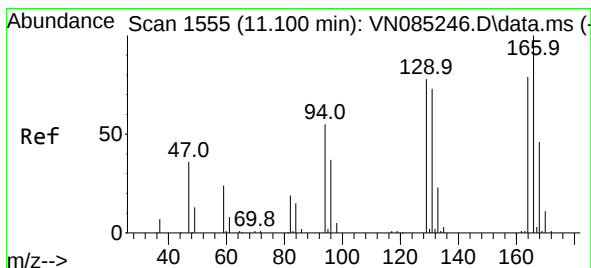
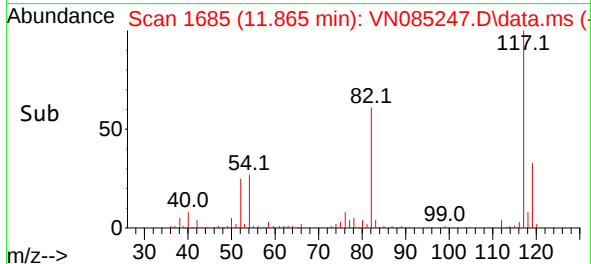
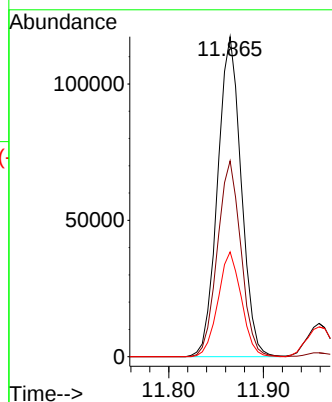
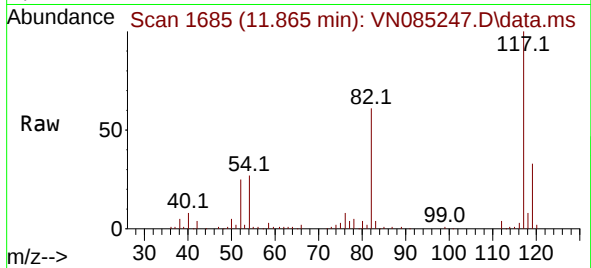




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

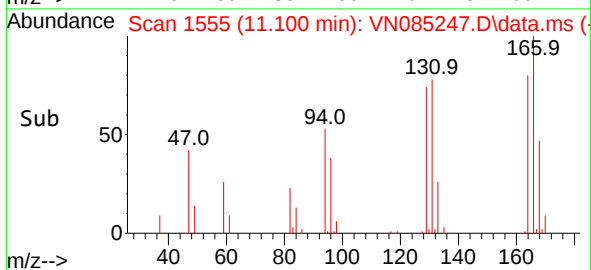
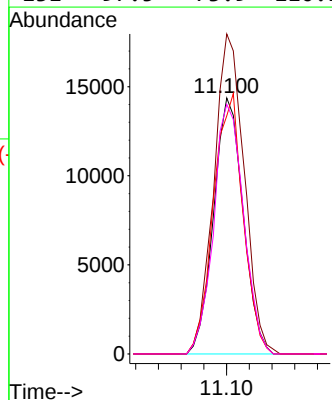
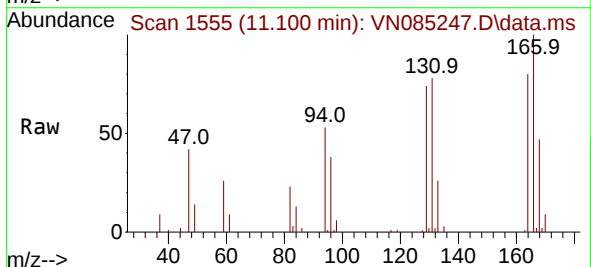
Instrument :
MSVOA_N
ClientSampleId :

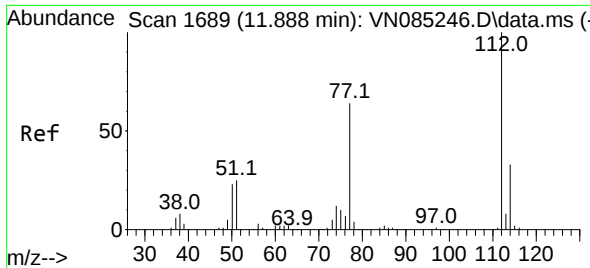
Tgt Ion:117 Resp: 203234
Ion Ratio Lower Upper
117 100
82 61.2 47.4 71.2
119 32.8 25.6 38.4



#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

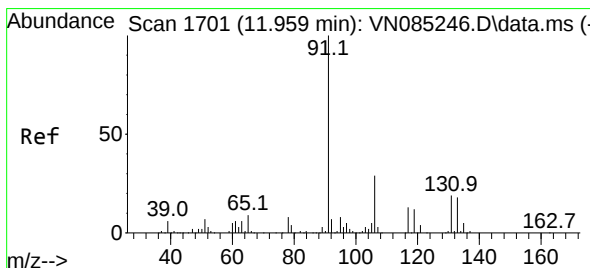
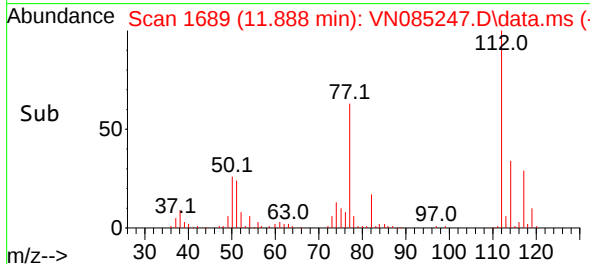
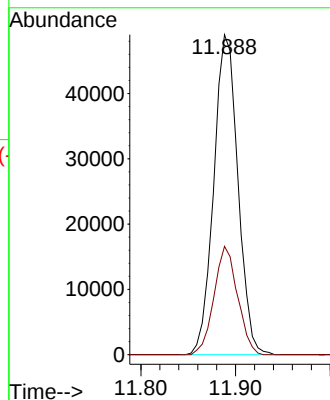
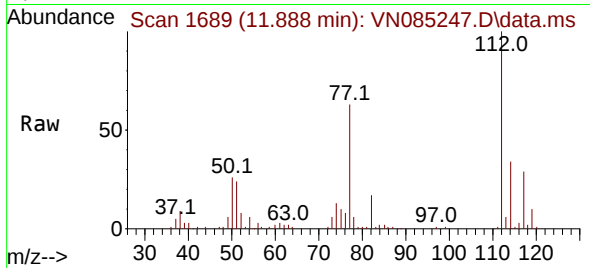




#65
Chlorobenzene
Concen: 19.032 ug/l
RT: 11.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

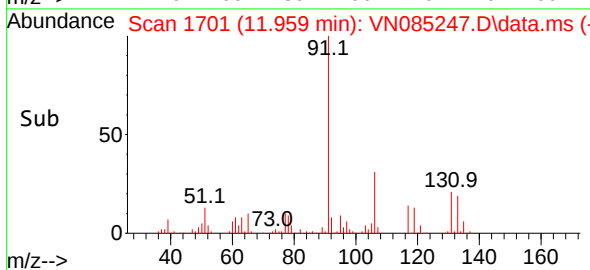
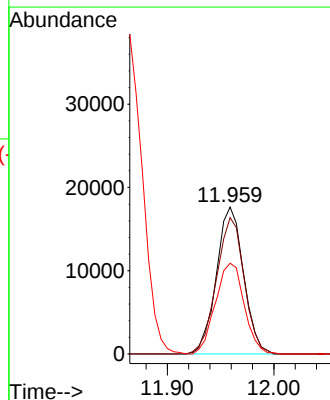
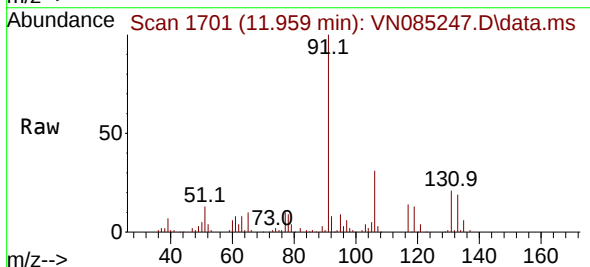
Instrument :
MSVOA_N
ClientSampleId :

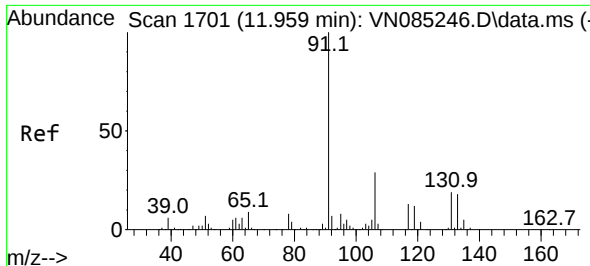
Tgt Ion:112 Resp: 86945
Ion Ratio Lower Upper
112 100
114 33.9 26.2 39.4



#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# 1701

Delta R.T. 0.006 min

Lab File: VN085247.D

Acq: 18 Dec 2024 12:44

Instrument :

MSVOA_N

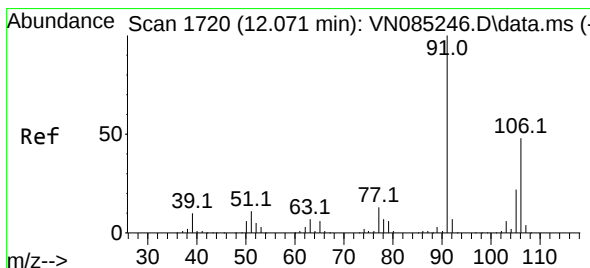
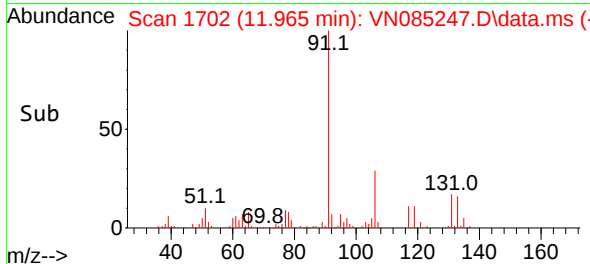
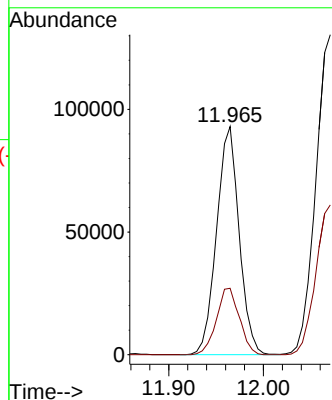
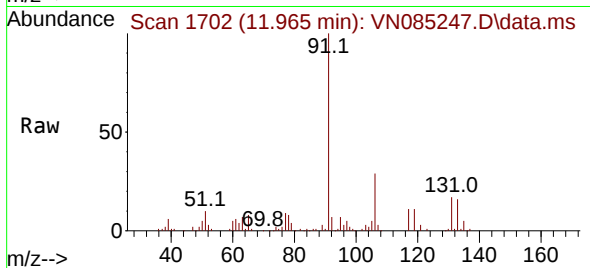
ClientSampleId :

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

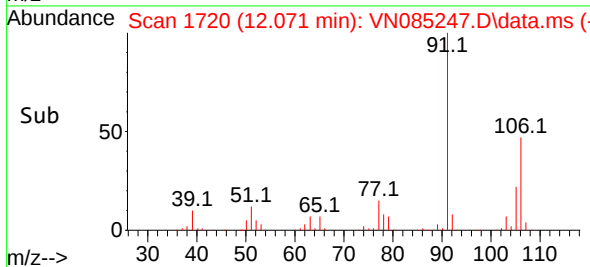
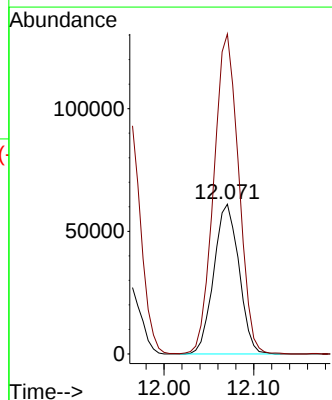
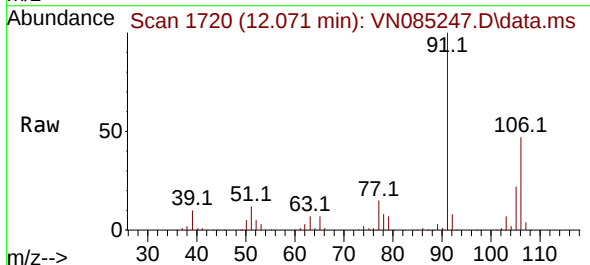
Acq: 18 Dec 2024 12:44

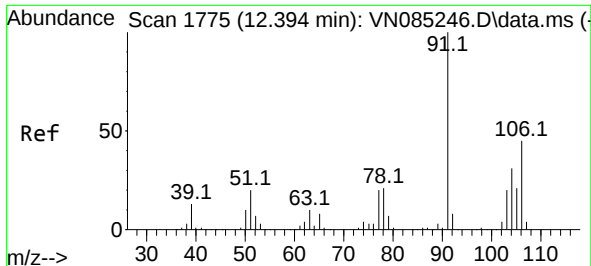
Tgt Ion:106 Resp: 118927

Ion Ratio Lower Upper

106 100

91 211.6 168.3 252.5

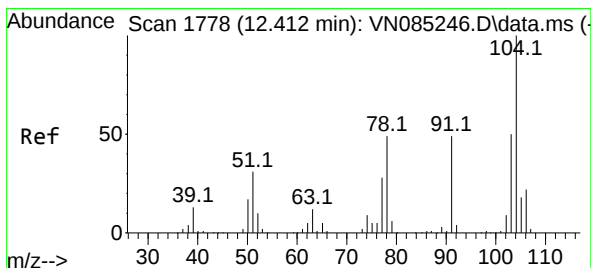
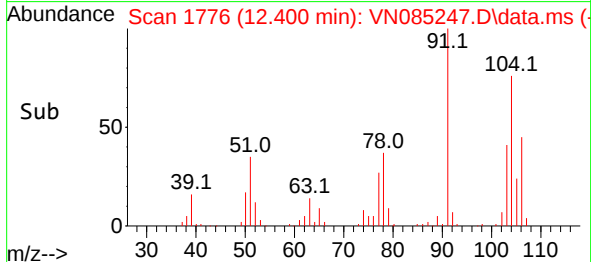
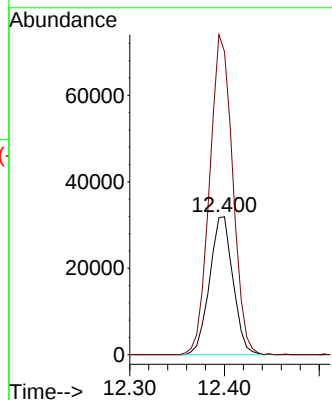
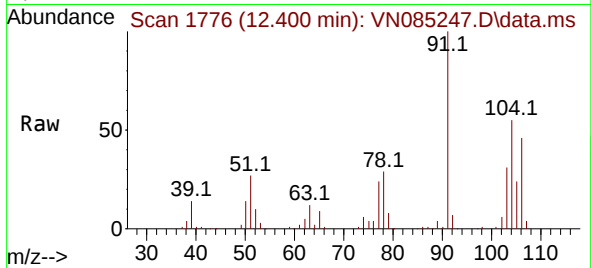




#69
o-Xylene
Concen: 19.890 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

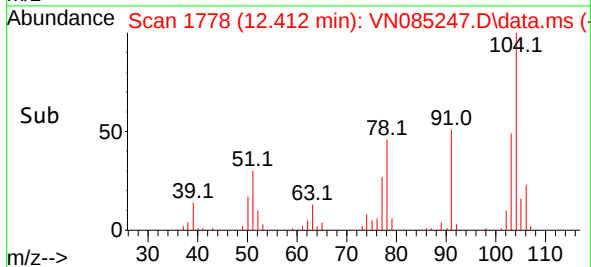
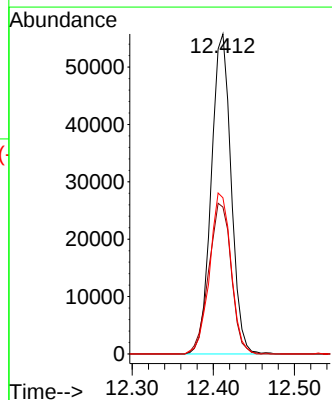
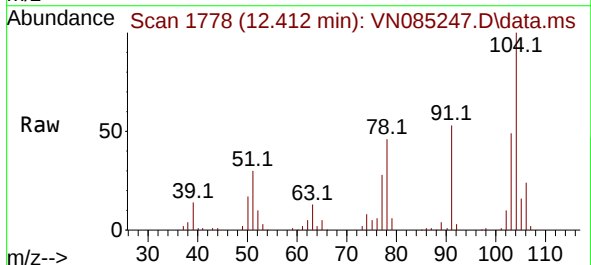
Instrument :
MSVOA_N
ClientSampleId :

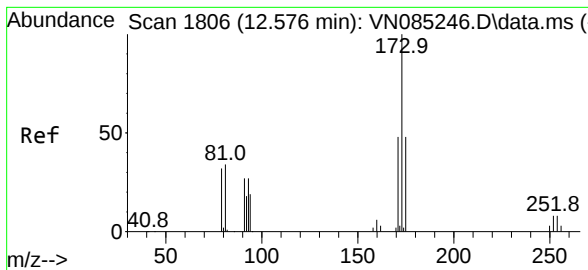
Tgt Ion:106 Resp: 54751
Ion Ratio Lower Upper
106 100
91 229.2 112.1 336.2



#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

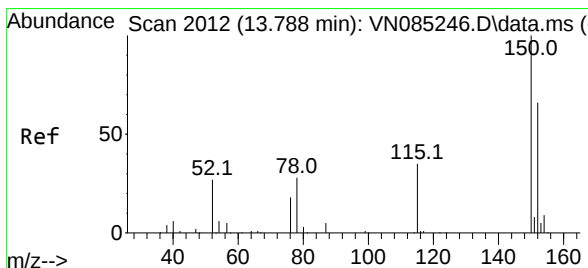
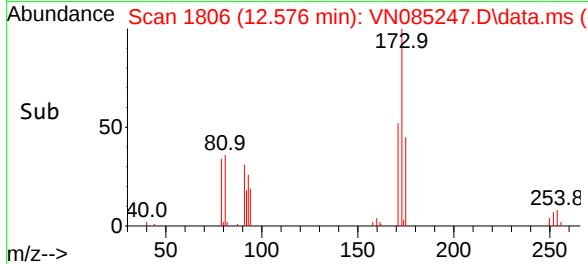
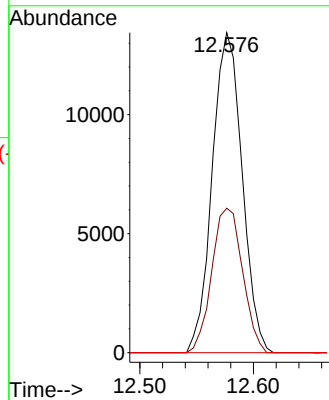
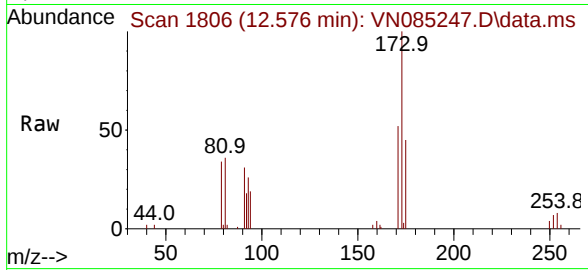




#71
Bromoform
Concen: 19.655 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

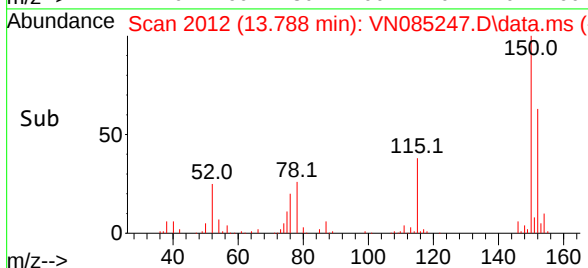
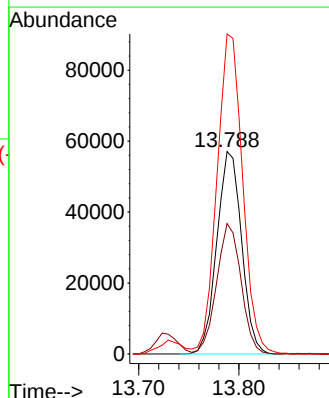
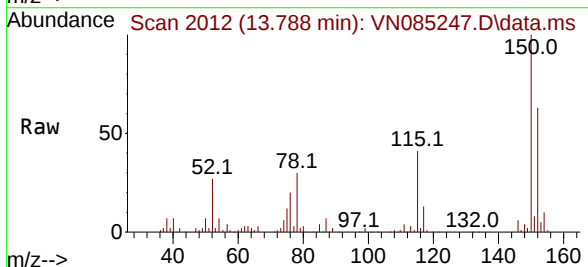
Instrument :
MSVOA_N
ClientSampleId :

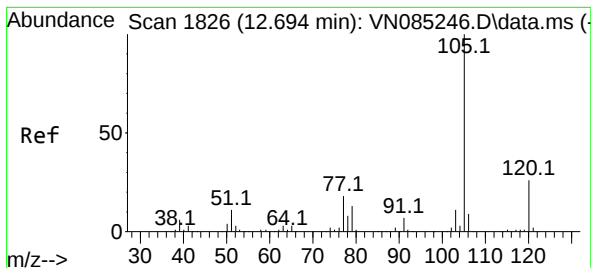
Tgt Ion:173 Resp: 24556
Ion Ratio Lower Upper
173 100
175 46.5 24.5 73.5
254 0.0 0.0 0.0



#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# 11

Delta R.T. -0.000 min

Lab File: VN085247.D

Acq: 18 Dec 2024 12:44

Instrument :

MSVOA_N

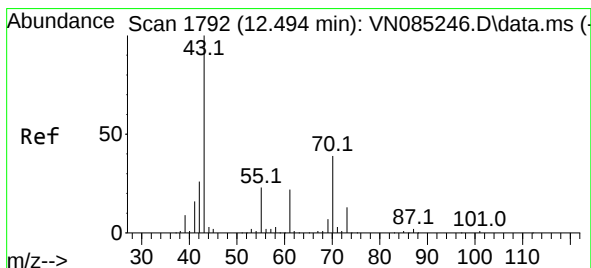
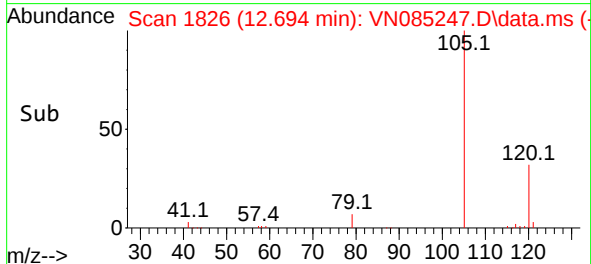
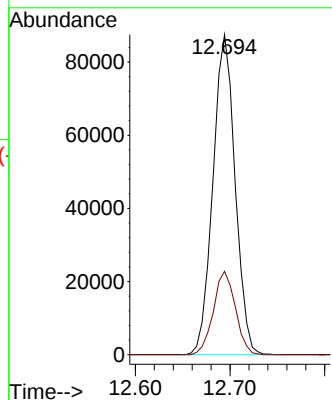
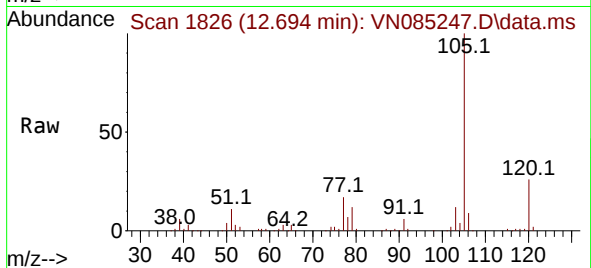
ClientSampleId :

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

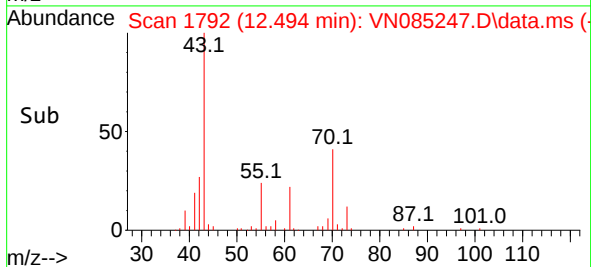
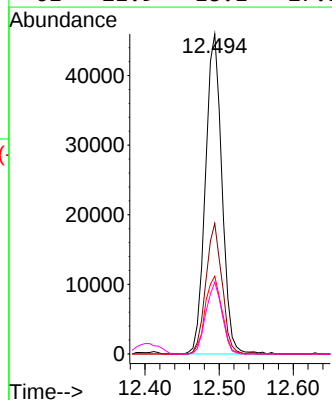
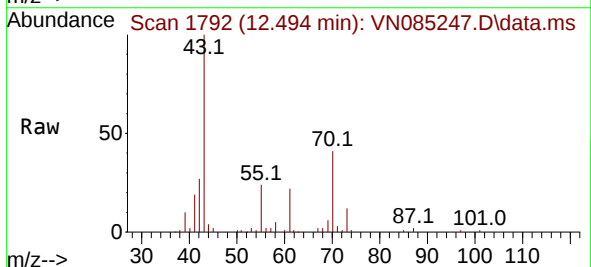
Ion Ratio Lower Upper

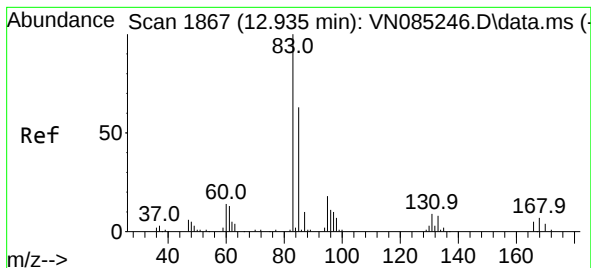
43 100

70 39.7 31.5 47.3

55 24.8 19.0 28.4

61 21.9 18.1 27.1

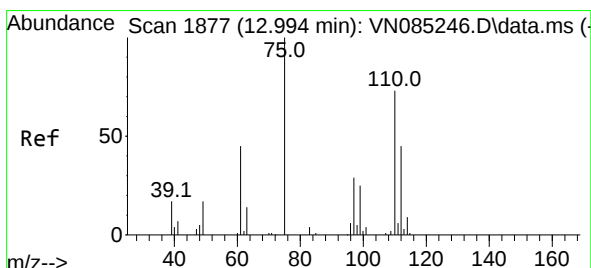
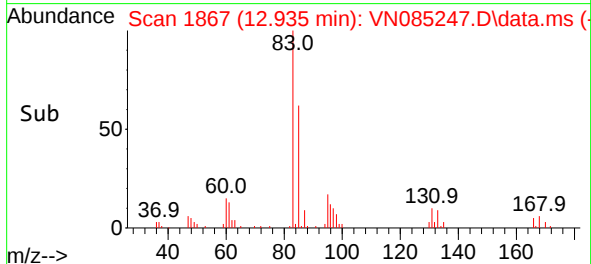
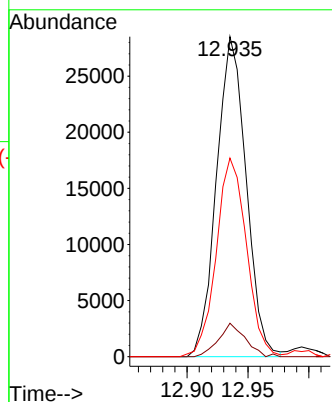
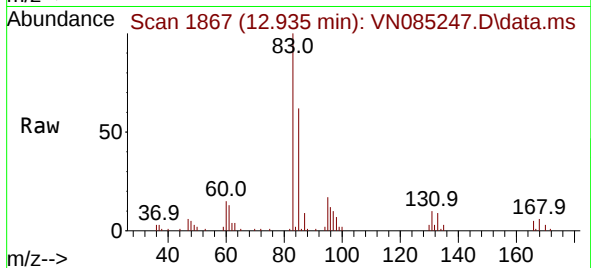




#75
1,1,2,2-Tetrachloroethane
Concen: 19.195 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

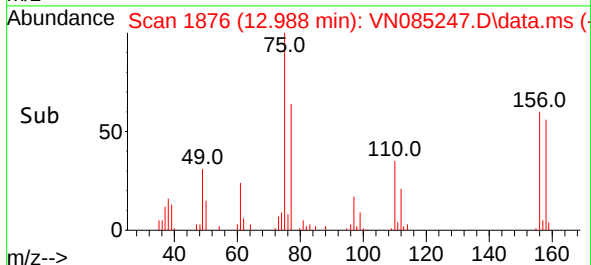
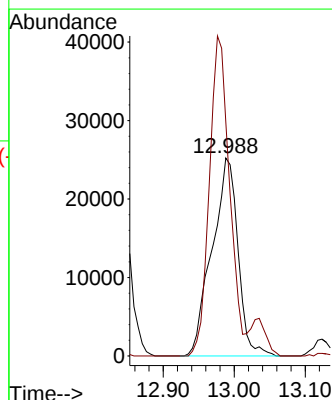
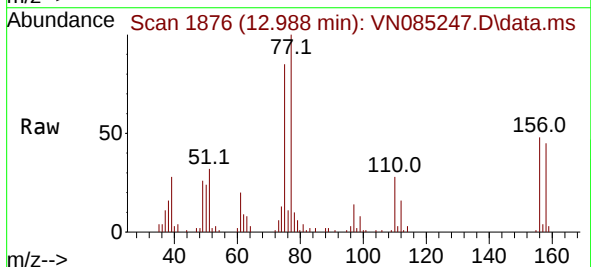
Instrument :
MSVOA_N
ClientSampleId :

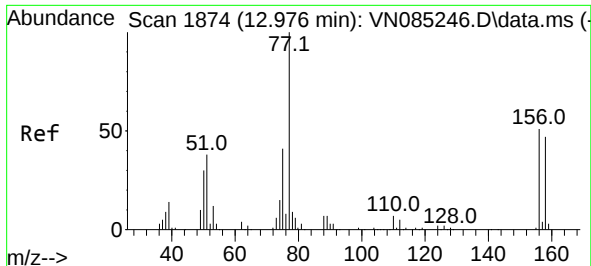
Tgt Ion: 83 Resp: 48258
Ion Ratio Lower Upper
83 100
131 9.4 4.7 14.1
85 63.2 32.5 97.4



#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

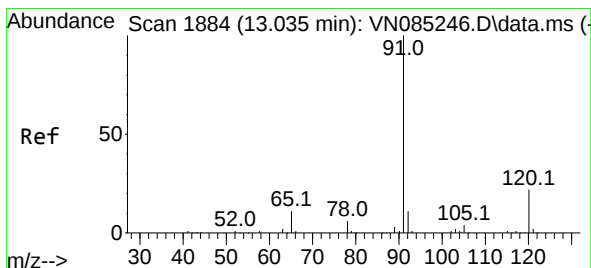
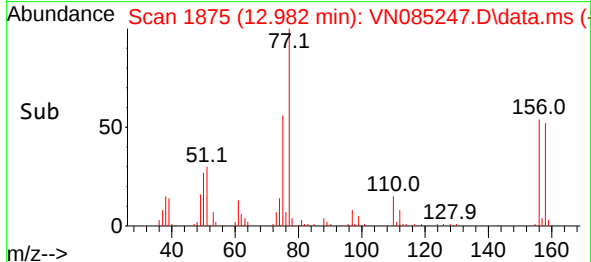
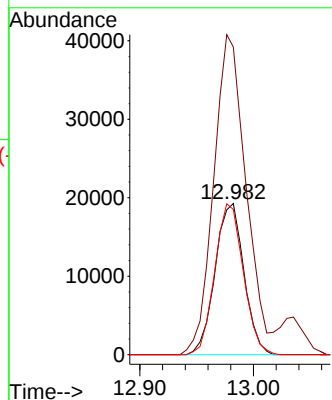
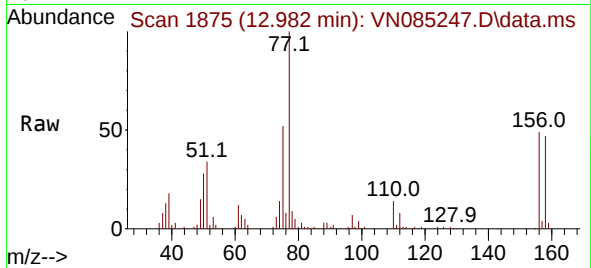




#77
Bromobenzene
Concen: 18.363 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

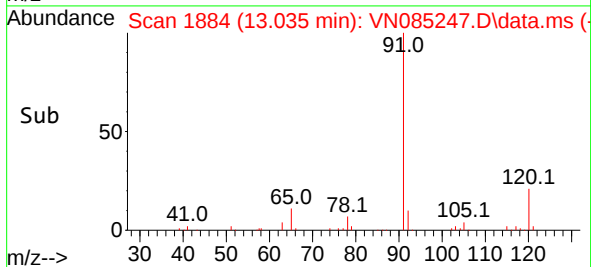
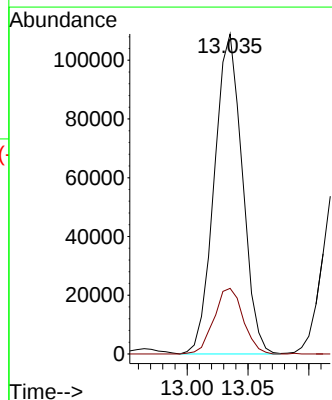
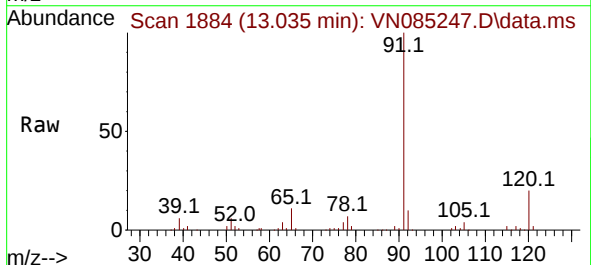
Instrument :
MSVOA_N
ClientSampleId :

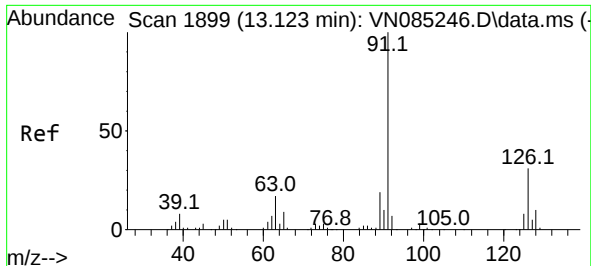
Tgt Ion:156 Resp: 34019
Ion Ratio Lower Upper
156 100
77 237.6 115.8 347.3
158 98.6 47.9 143.7



#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

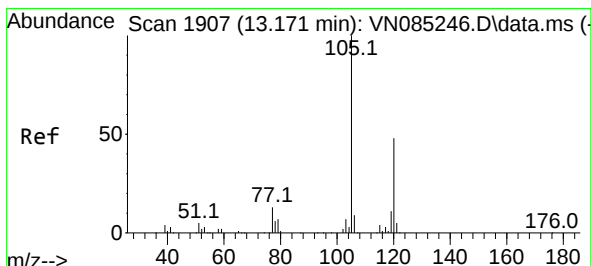
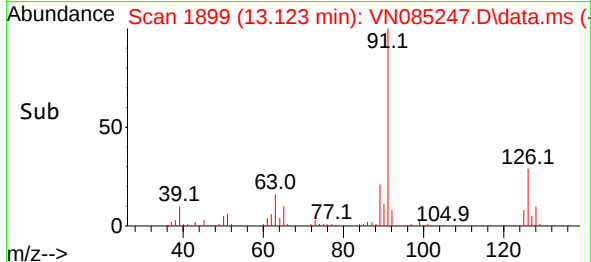
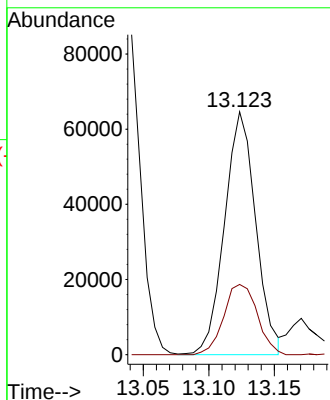
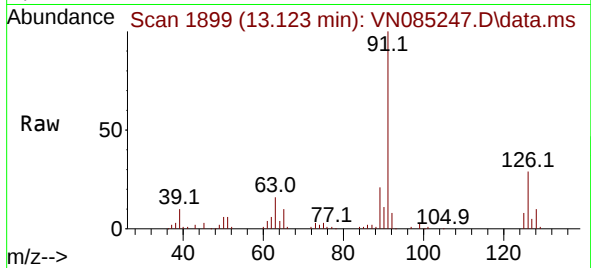




#79
2-Chlorotoluene
Concen: 19.507 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

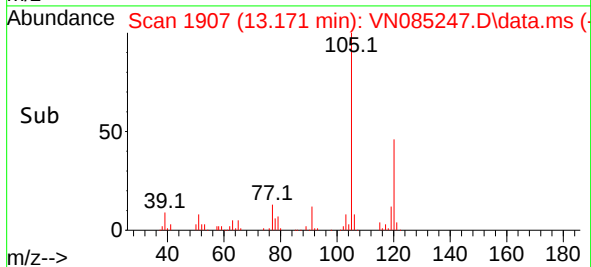
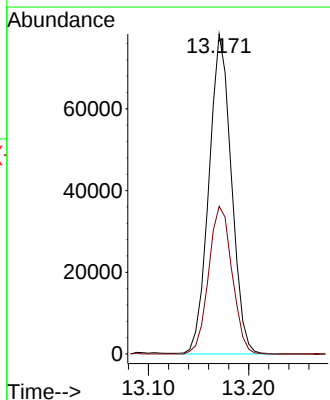
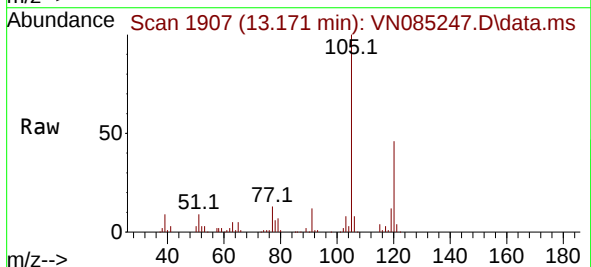
Instrument :
MSVOA_N
ClientSampleId :

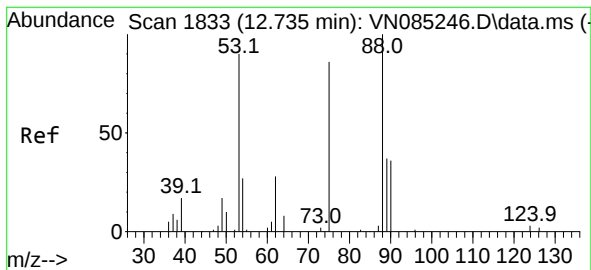
Tgt Ion: 91 Resp: 107177
Ion Ratio Lower Upper
91 100
126 31.1 15.2 45.5



#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

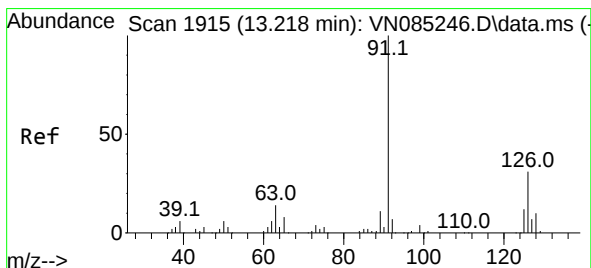
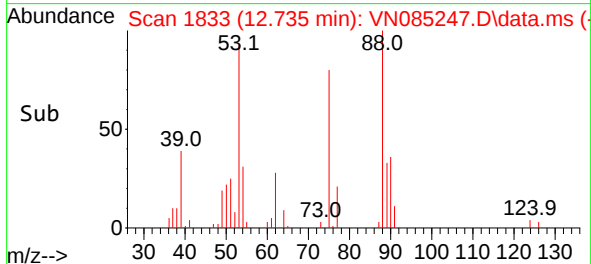
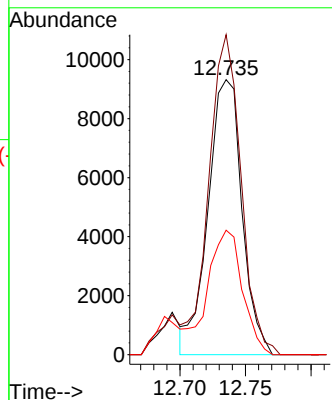
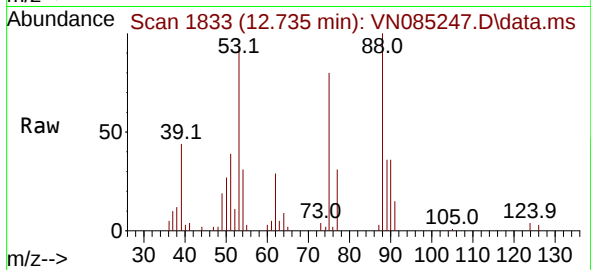




#81
trans-1,4-Dichloro-2-butene
Concen: 19.113 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

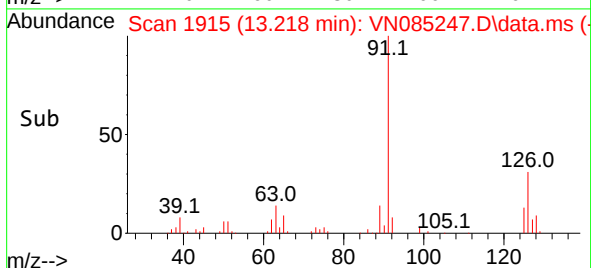
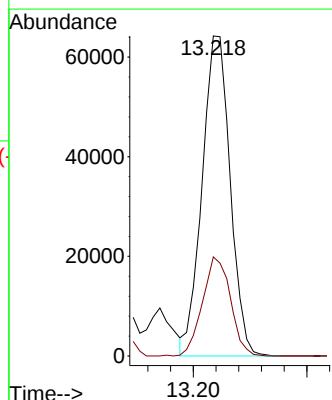
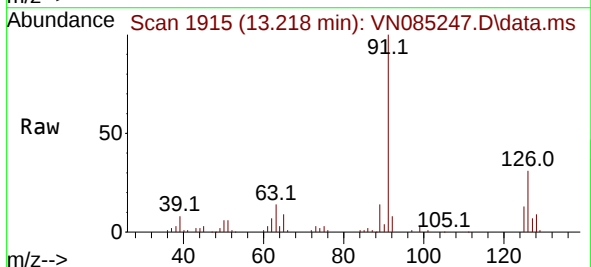
Instrument :
MSVOA_N
ClientSampleId :

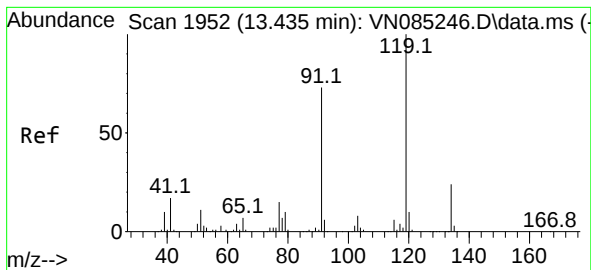
Tgt Ion: 75 Resp: 16783
Ion Ratio Lower Upper
75 100
53 110.8 84.9 127.3
89 45.3 37.9 56.9



#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: 91 Resp: 110140
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 :

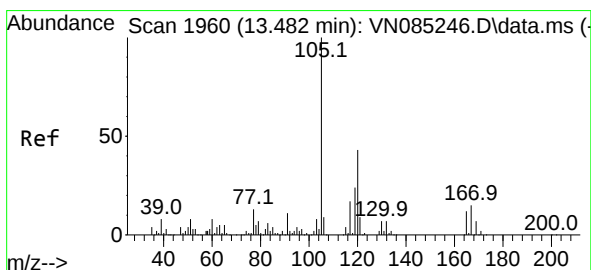
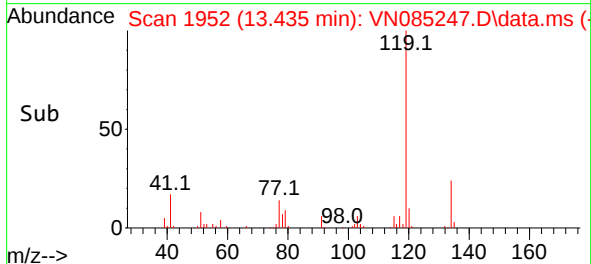
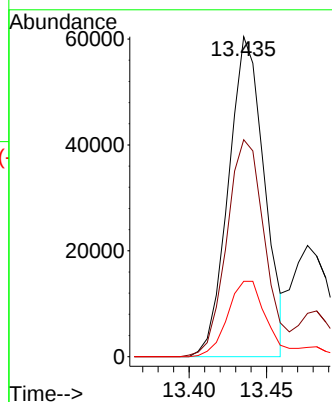
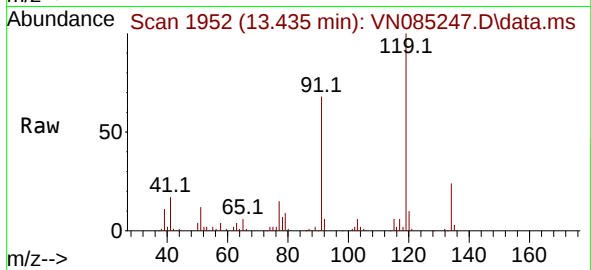
Tgt Ion:119 Resp: 97483

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

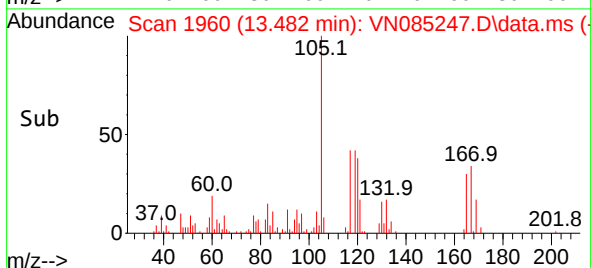
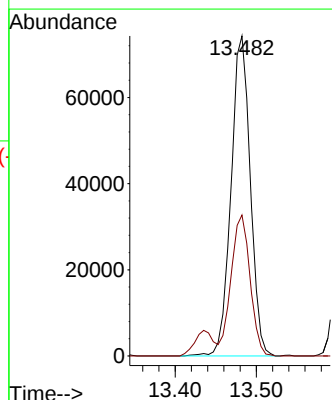
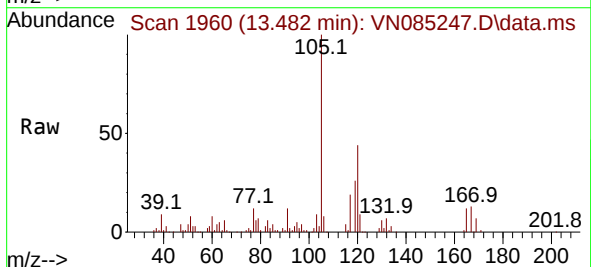
Acq: 18 Dec 2024 12:44

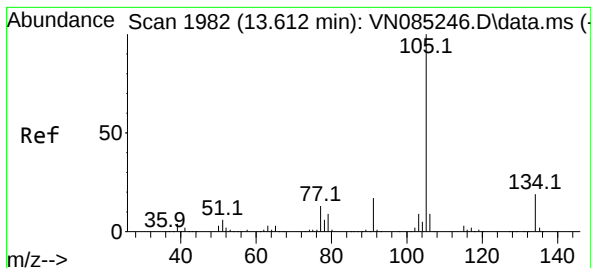
Tgt Ion:105 Resp: 122033

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

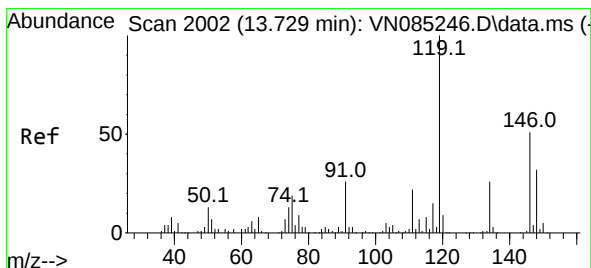
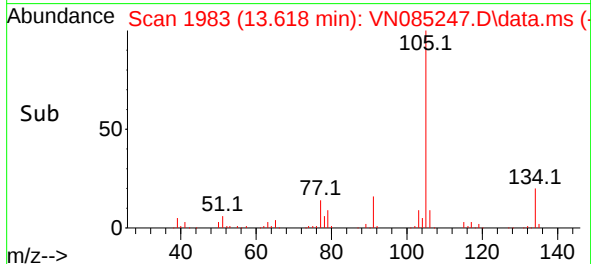
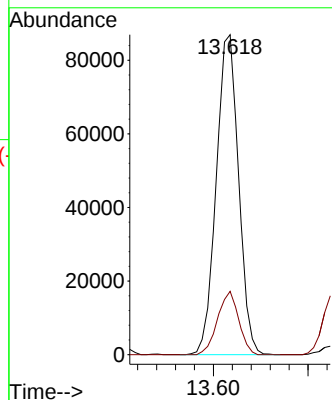
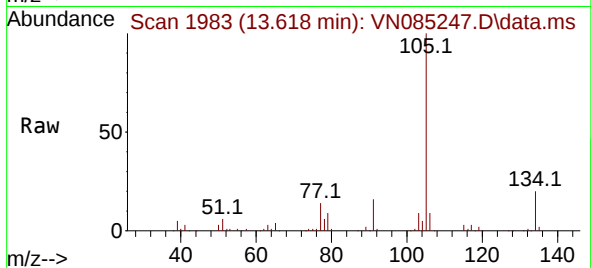
ClientSampleId :

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

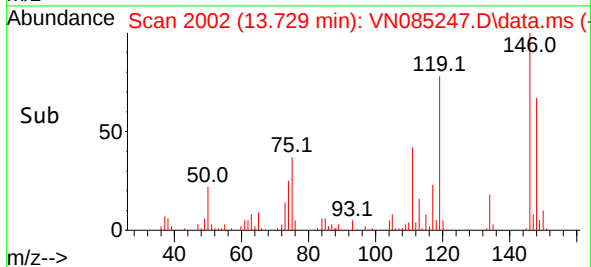
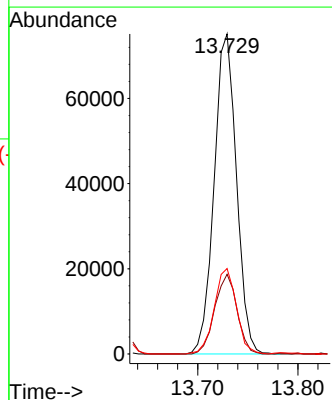
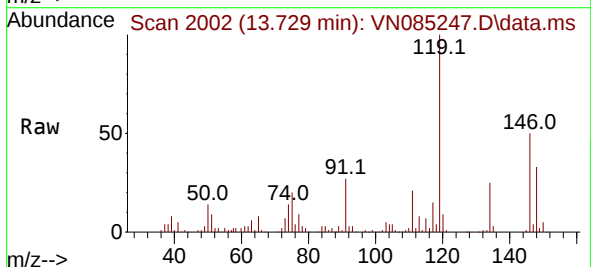
Tgt Ion:119 Resp: 116092

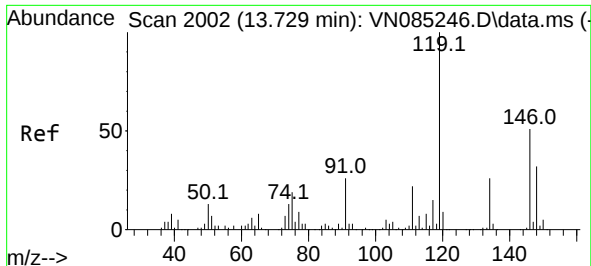
Ion Ratio Lower Upper

119 100

134 24.8 12.5 37.5

91 26.5 13.0 38.9

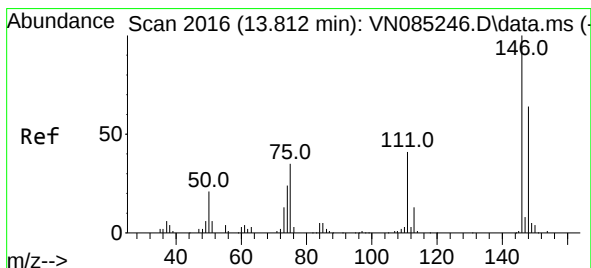
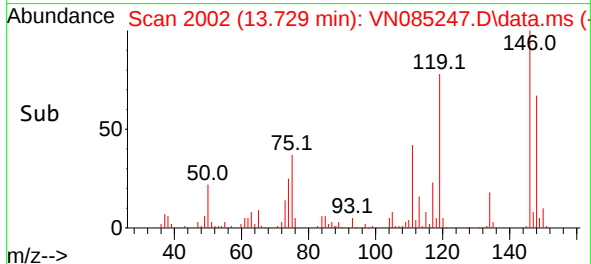
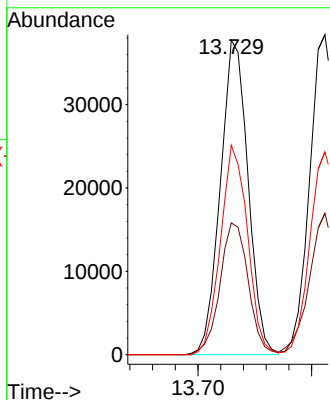
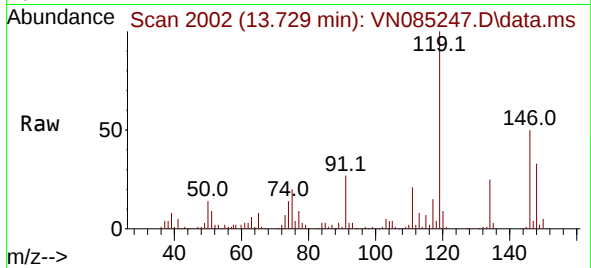




#87
 1,3-Dichlorobenzene
 Concen: 18.740 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN085247.D
 Acq: 18 Dec 2024 12:44

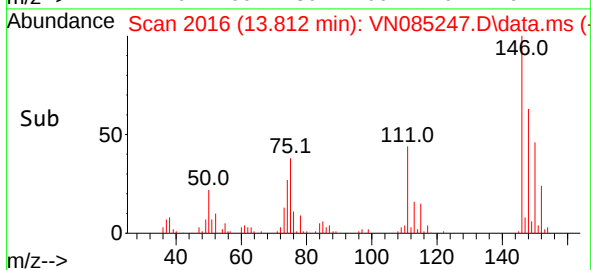
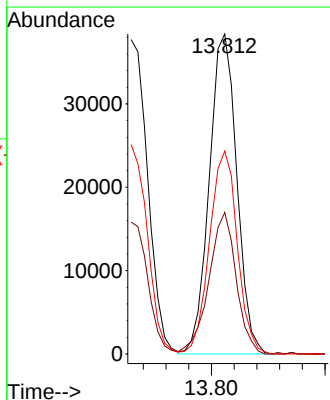
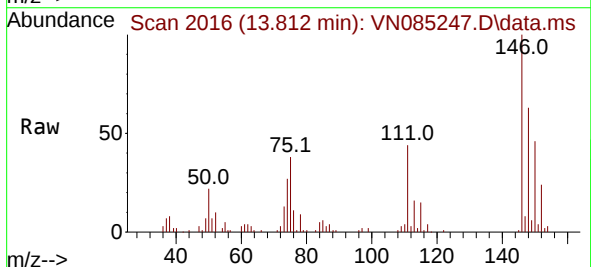
Instrument :
 MSVOA_N
 ClientSampleId :

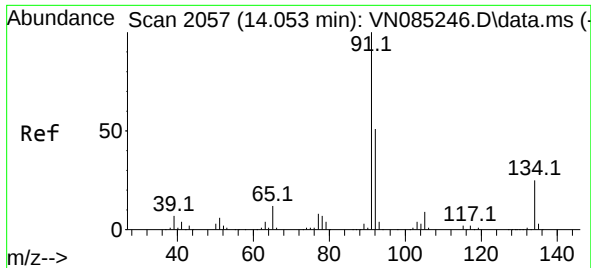
Tgt Ion:146 Resp: 63937
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.5 64.5
 148 65.2 31.4 94.0



#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

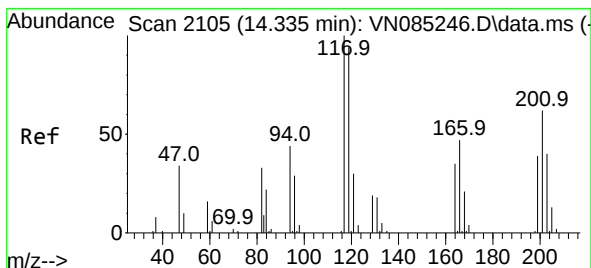
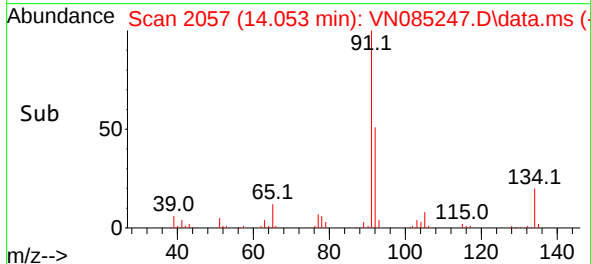
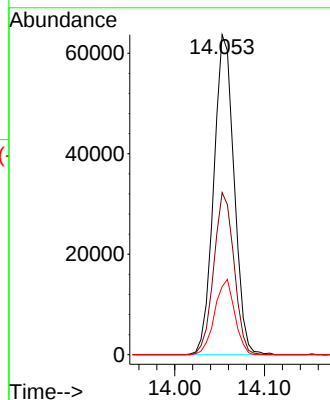
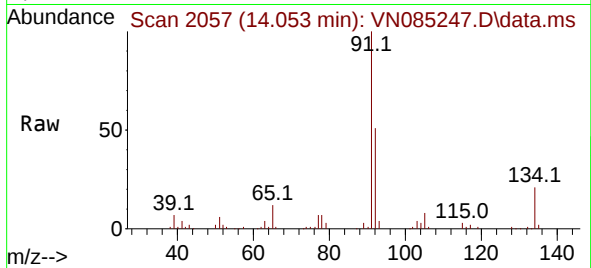




#89
n-Butylbenzene
Concen: 19.590 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

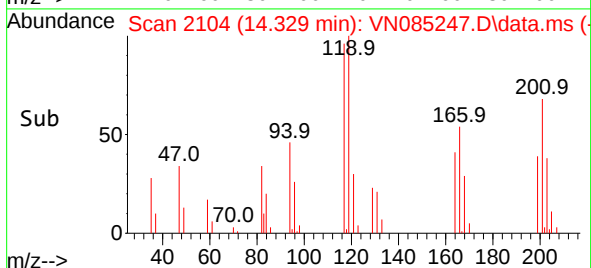
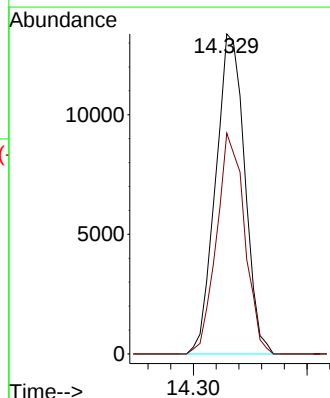
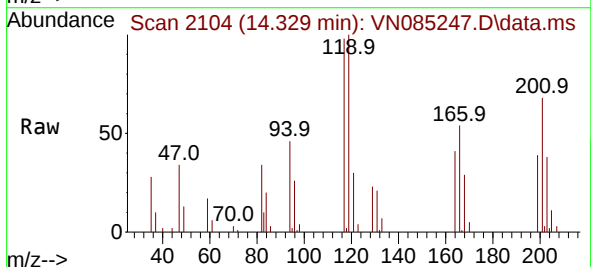
Instrument :
MSVOA_N
ClientSampleId :

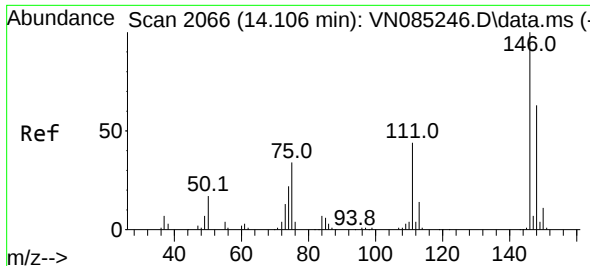
Tgt Ion: 91 Resp: 100250
Ion Ratio Lower Upper
91 100
92 50.4 25.8 77.3
134 23.1 12.0 36.0



#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

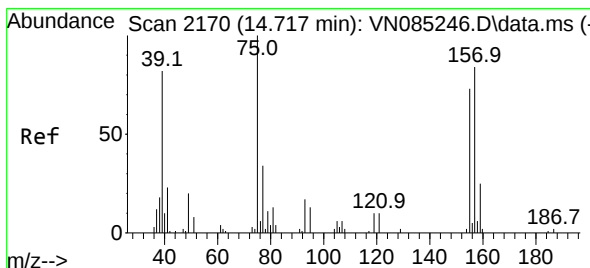
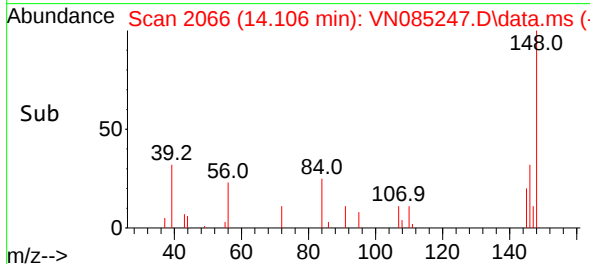
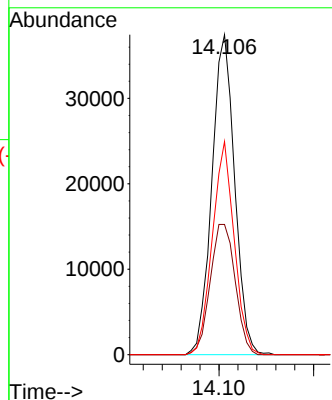
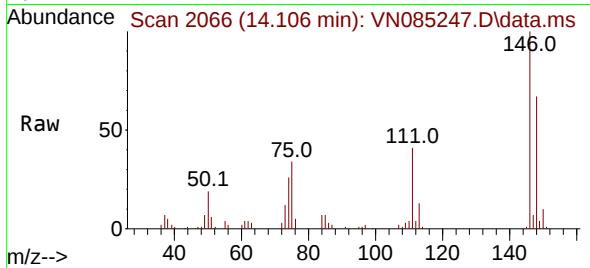




#91
1,2-Dichlorobenzene
Concen: 19.700 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN085247.D
Acq: 18 Dec 2024 12:44

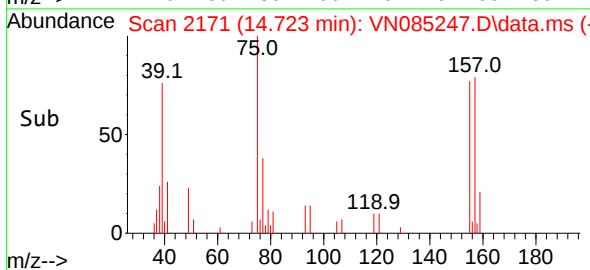
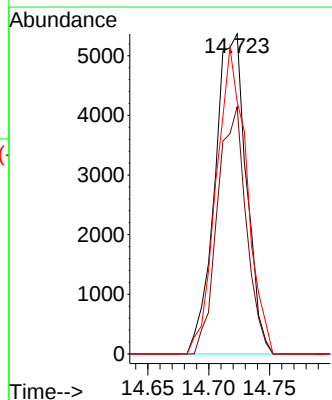
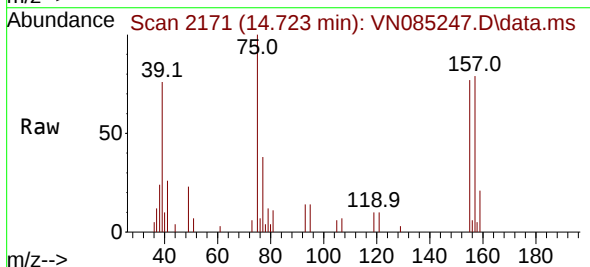
Instrument :
MSVOA_N
ClientSampleId :

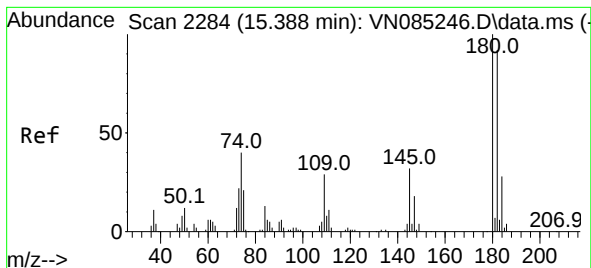
Tgt Ion:146 Resp: 62512
Ion Ratio Lower Upper
146 100
111 44.7 22.1 66.1
148 63.9 31.9 95.9



#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# 21

Delta R.T. 0.006 min

Lab File: VN085247.D

Acq: 18 Dec 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

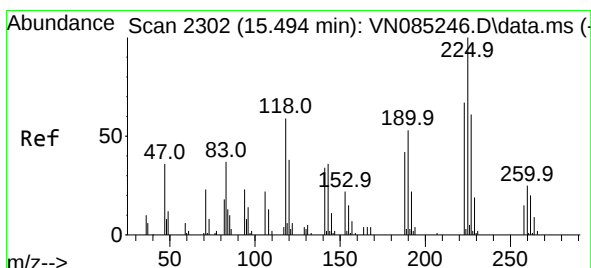
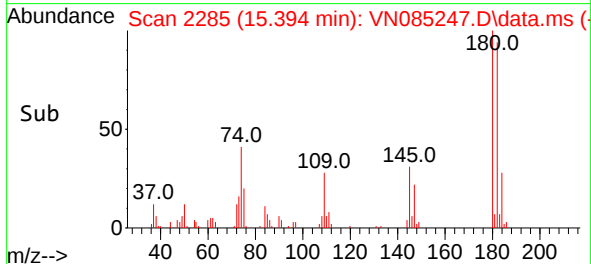
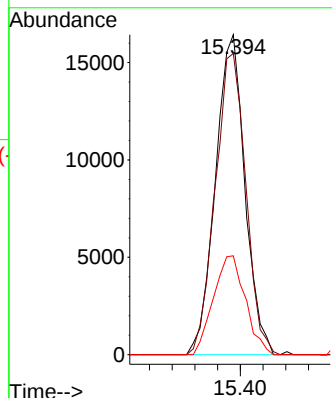
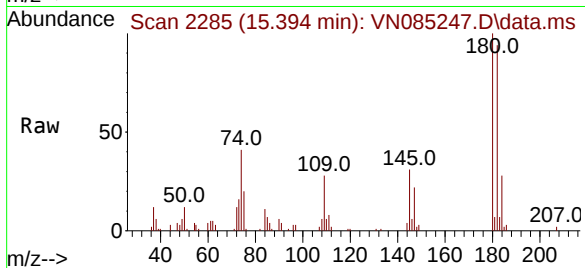
Tgt Ion:180 Resp: 29546

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

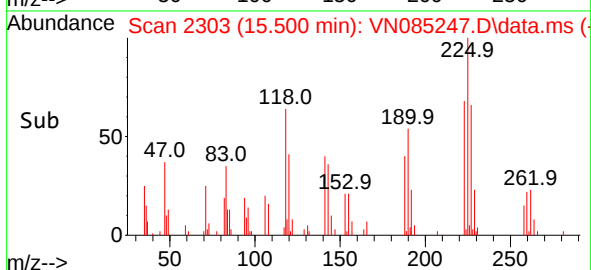
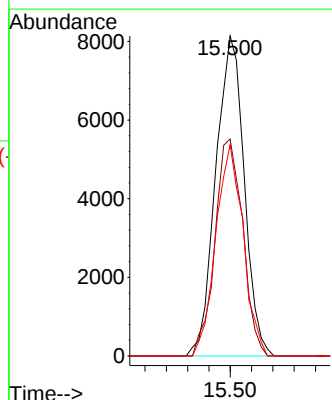
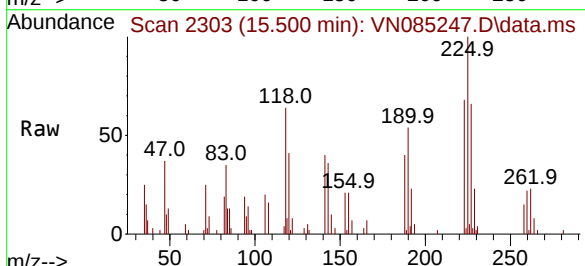
Tgt Ion:225 Resp: 15050

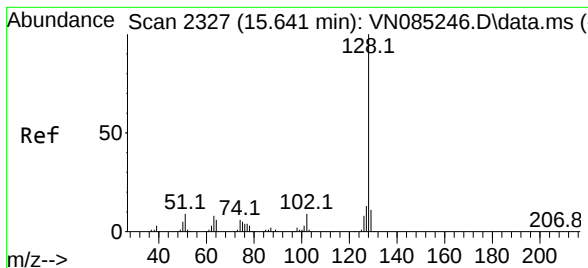
Ion Ratio Lower Upper

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 :

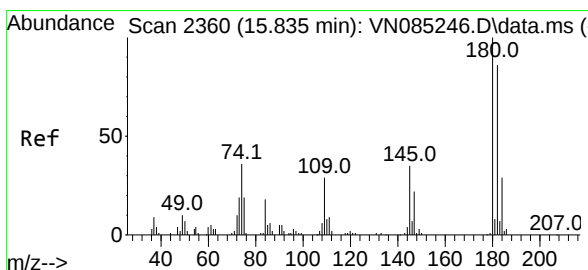
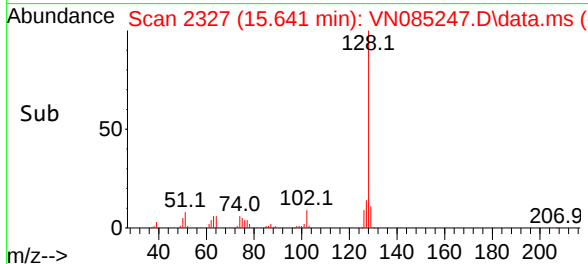
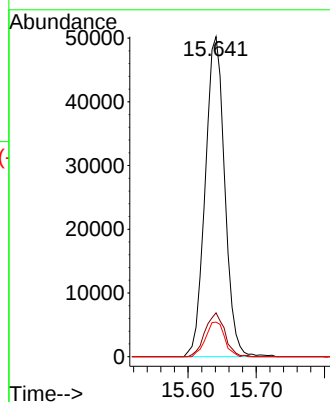
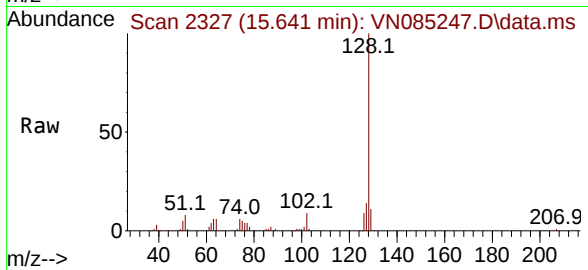
Tgt Ion:128 Resp: 100101

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

