

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120424\
 Data File : VN085103.D
 Acq On : 04 Dec 2024 18:49
 Operator : JC\MD
 Sample : P5088-05MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 04 22:12:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	160452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	266631	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	236037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	113440	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	112982	49.434	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.860%
35) Dibromofluoromethane	8.165	113	91817	51.064	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.120%
50) Toluene-d8	10.565	98	321887	49.953	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.900%
62) 4-Bromofluorobenzene	12.847	95	123416	51.214	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.420%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	78369	43.195	ug/l	96
3) Chloromethane	2.359	50	73440	34.900	ug/l	94
4) Vinyl Chloride	2.512	62	79224	41.894	ug/l	97
5) Bromomethane	2.942	94	44111	41.617	ug/l	92
6) Chloroethane	3.112	64	50981	39.996	ug/l	96
7) Trichlorofluoromethane	3.494	101	149102	46.349	ug/l	100
8) Diethyl Ether	3.959	74	54608	49.875	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.377	101	86508	47.414	ug/l	98
10) Methyl Iodide	4.589	142	106305	44.017	ug/l	99
11) Tert butyl alcohol	5.518	59	92706	303.538	ug/l	96
12) 1,1-Dichloroethene	4.336	96	78591	46.148	ug/l	96
13) Acrolein	4.171	56	66027	323.985	ug/l	96
14) Allyl chloride	5.024	41	120286	41.898	ug/l	93
15) Acrylonitrile	5.712	53	239039	276.446	ug/l	99
16) Acetone	4.424	43	188859	283.729	ug/l	98
17) Carbon Disulfide	4.712	76	173835	34.582	ug/l	98
18) Methyl Acetate	5.018	43	118419	55.793	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	292473	52.562	ug/l	98
20) Methylene Chloride	5.271	84	92100	45.343	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	78737	43.934	ug/l	92
22) Diisopropyl ether	6.665	45	288678	49.960	ug/l	99
23) Vinyl Acetate	6.600	43	1038722	260.573	ug/l	99
24) 1,1-Dichloroethane	6.565	63	166627	48.188	ug/l	99
25) 2-Butanone	7.477	43	304750	280.036	ug/l	99
26) 2,2-Dichloropropane	7.488	77	149928	46.434	ug/l	97
27) cis-1,2-Dichloroethene	7.482	96	102627	47.501	ug/l	98
28) Bromochloromethane	7.812	49	64611	49.500	ug/l	97
29) Tetrahydrofuran	7.835	42	198212	292.888	ug/l	99
30) Chloroform	7.965	83	179383	48.769	ug/l	99
31) Cyclohexane	8.253	56	124312	40.832	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	162679	48.943	ug/l	98
36) 1,1-Dichloropropene	8.371	75	113116	46.445	ug/l	99
37) Ethyl Acetate	7.559	43	121256	54.765	ug/l	99
38) Carbon Tetrachloride	8.359	117	140805	50.086	ug/l	99
39) Methylcyclohexane	9.600	83	118680	46.894	ug/l	99
40) Benzene	8.606	78	367439	47.701	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	67375	54.960	ug/l	98
42) 1,2-Dichloroethane	8.665	62	127622	48.429	ug/l	99
43) Isopropyl Acetate	8.682	43	225303	48.989	ug/l	99
44) Trichloroethene	9.353	130	86584	48.368	ug/l	98
45) 1,2-Dichloropropane	9.618	63	92759	48.891	ug/l	99
46) Dibromomethane	9.706	93	65493	49.679	ug/l	98
47) Bromodichloromethane	9.888	83	145160	51.952	ug/l	98
48) Methyl methacrylate	9.676	41	99236	57.985	ug/l	98
49) 1,4-Dioxane	9.694	88	36827	1240.839	ug/l #	95
51) 4-Methyl-2-Pentanone	10.441	43	648294	308.617	ug/l	98
52) Toluene	10.629	92	231668	50.803	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	143034	51.061	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	146430	49.273	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	93588	55.099	ug/l	98
56) Ethyl methacrylate	10.871	69	150674	60.707	ug/l	99
57) 1,3-Dichloropropane	11.159	76	156621	52.392	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.312	63	796	0.654	ug/l #	46
59) 2-Hexanone	11.194	43	474154	301.801	ug/l	99
60) Dibromochloromethane	11.359	129	112723	54.302	ug/l	98
61) 1,2-Dibromoethane	11.465	107	92337	52.528	ug/l	99
64) Tetrachloroethene	11.100	164	70242	44.164	ug/l	98
65) Chlorobenzene	11.888	112	255953	47.815	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	95698	50.775	ug/l	99
67) Ethyl Benzene	11.959	91	444549	51.188	ug/l	99
68) m/p-Xylenes	12.070	106	341529	103.293	ug/l	100
69) o-Xylene	12.394	106	167704	53.321	ug/l	99
70) Styrene	12.412	104	283523	54.207	ug/l	100
71) Bromoform	12.576	173	75771	54.160	ug/l #	97
73) Isopropylbenzene	12.694	105	427756	53.451	ug/l	100
74) N-amyl acetate	12.494	43	184435	55.928	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	138336	50.621	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	178822	86.664	ug/l	43
77) Bromobenzene	12.976	156	106457	49.432	ug/l	100
78) n-propylbenzene	13.035	91	505144	54.725	ug/l	99
79) 2-Chlorotoluene	13.123	91	309565	50.239	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	368177	54.826	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	49909	53.396	ug/l	99
82) 4-Chlorotoluene	13.217	91	315657	49.210	ug/l	100
83) tert-Butylbenzene	13.435	119	324884	56.228	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	370220	53.558	ug/l	100
85) sec-Butylbenzene	13.617	105	425229	54.480	ug/l	99
86) p-Isopropyltoluene	13.729	119	359937	55.863	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	190311	44.802	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	192522	44.412	ug/l	99
89) n-Butylbenzene	14.053	91	296746	49.524	ug/l	99
90) Hexachloroethane	14.329	117	70387	50.117	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	189612	46.583	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	28656	54.228	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	95500	43.186	ug/l	99
94) Hexachlorobutadiene	15.500	225	45793	44.870	ug/l	97
95) Naphthalene	15.641	128	317581	50.424	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	95562	45.290	ug/l	97

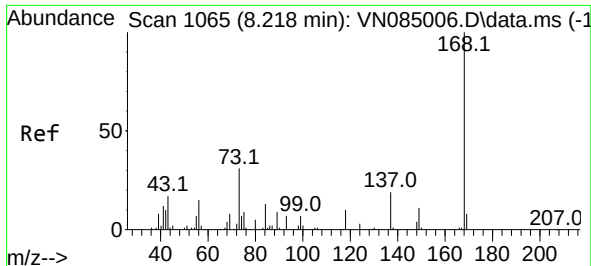
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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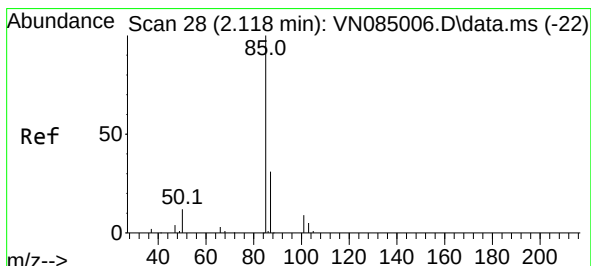
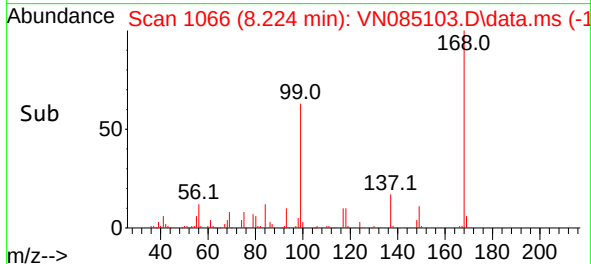
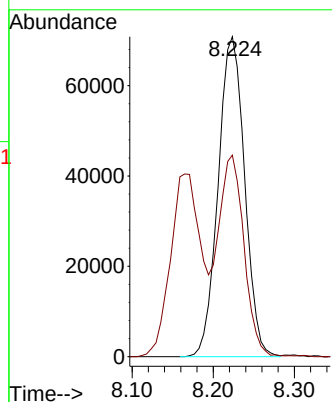
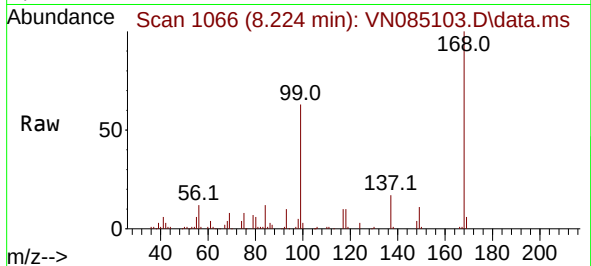
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085103.D
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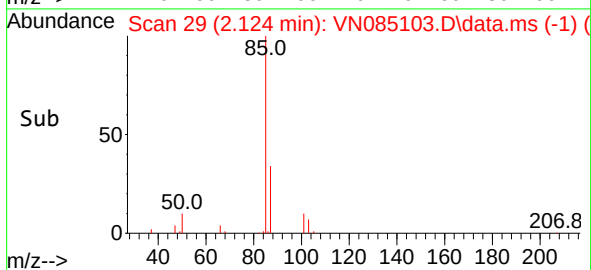
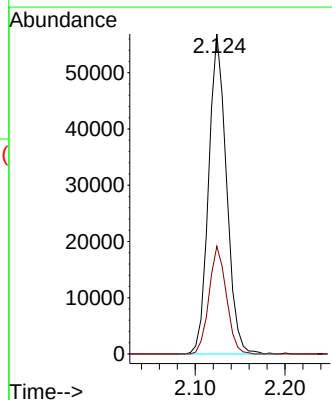
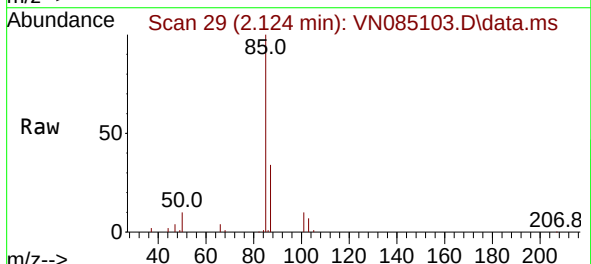
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MSVOA_N
ClientSampleId :

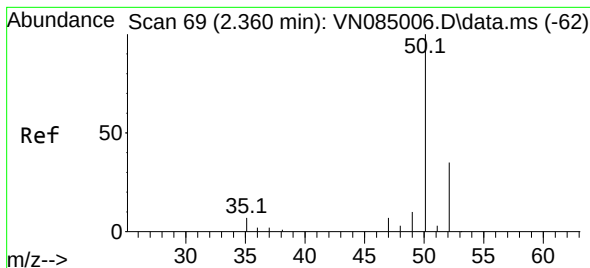
Tgt Ion:168 Resp: 160452
Ion Ratio Lower Upper
168 100
99 62.7 51.2 76.8



#2
Dichlorodifluoromethane
Concen: 43.195 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.006 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

Tgt Ion: 85 Resp: 78369
Ion Ratio Lower Upper
85 100
87 33.6 15.7 47.1





#3

Chloromethane

Concen: 34.900 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN085103.D

Acq: 04 Dec 2024 18:49

Instrument :

MSVOA_N

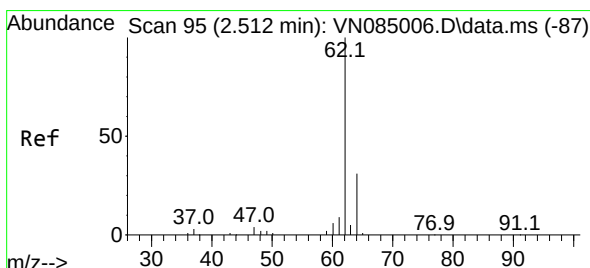
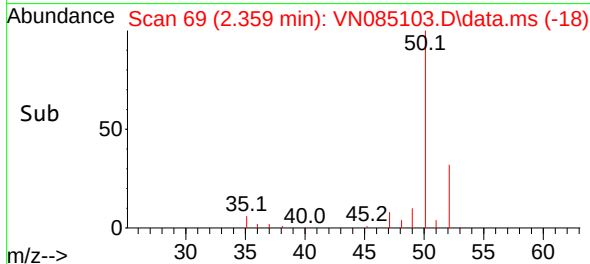
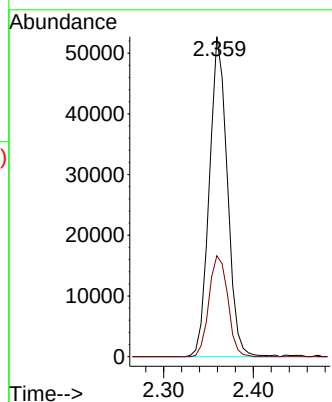
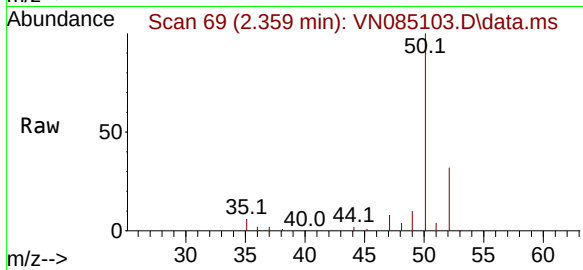
ClientSampleId :

Tgt Ion: 50 Resp: 73440

Ion Ratio Lower Upper

50 100

52 31.6 27.8 41.8



#4

Vinyl Chloride

Concen: 41.894 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.000 min

Lab File: VN085103.D

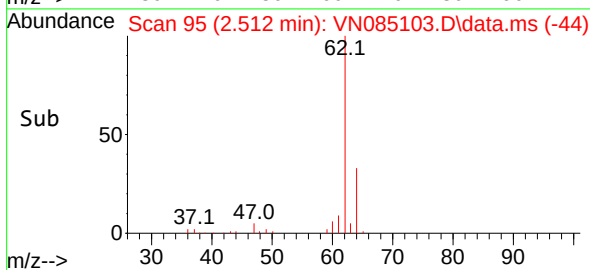
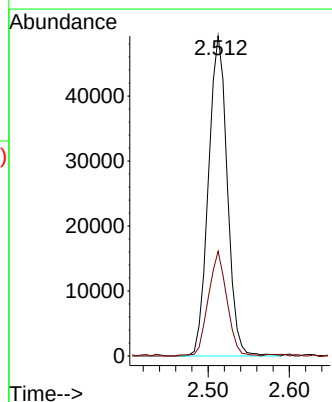
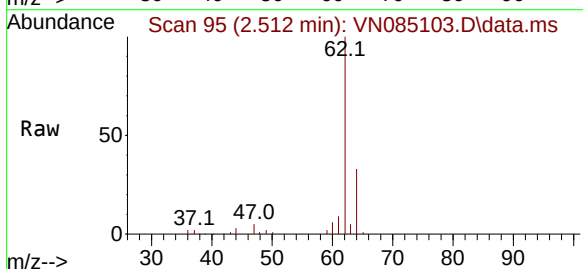
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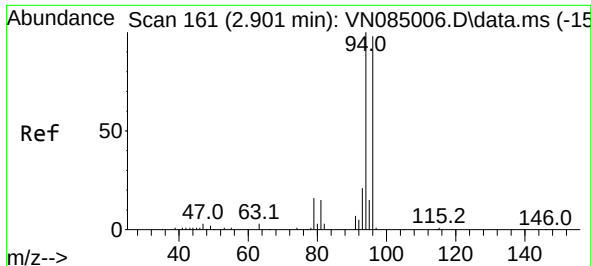
Tgt Ion: 62 Resp: 79224

Ion Ratio Lower Upper

62 100

64 32.4 24.6 36.8

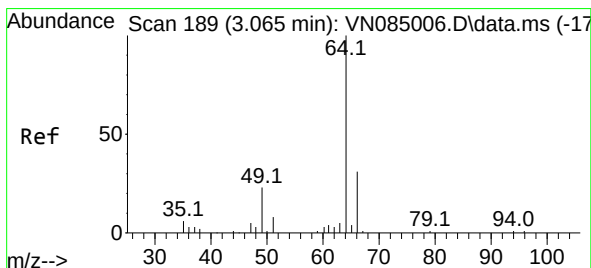
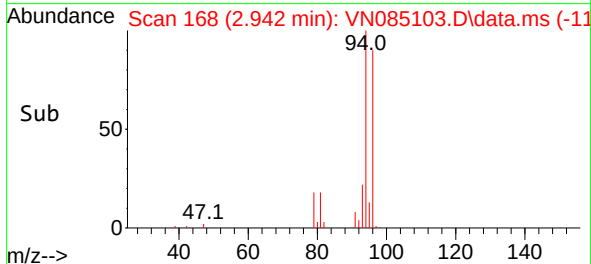
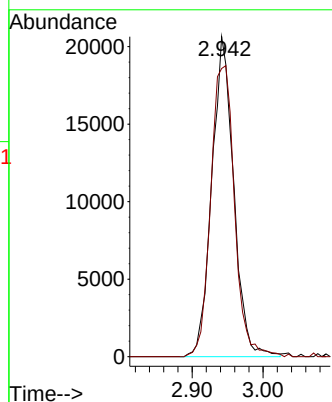
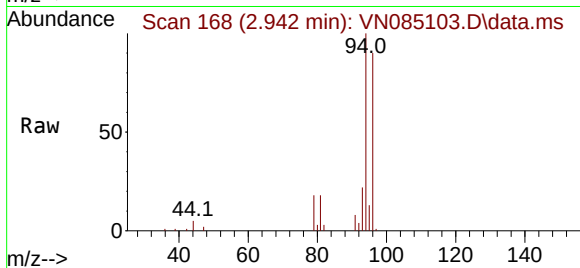




#5
Bromomethane
Concen: 41.617 ug/l
RT: 2.942 min Scan# 1
Delta R.T. 0.041 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

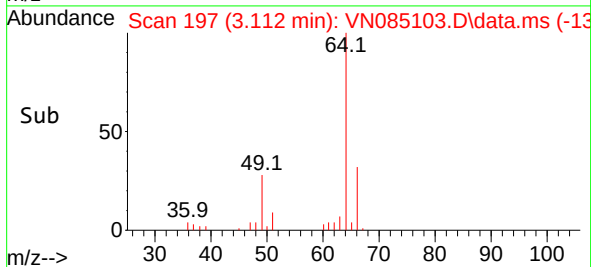
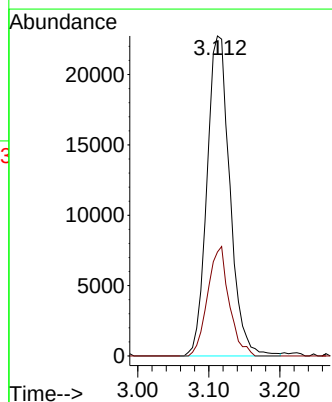
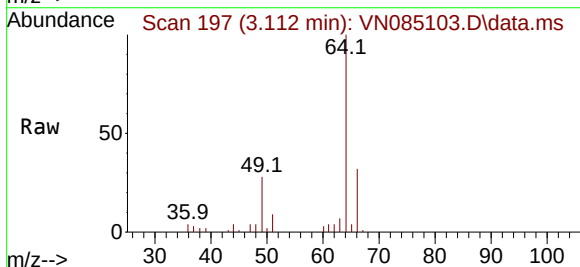
Instrument :
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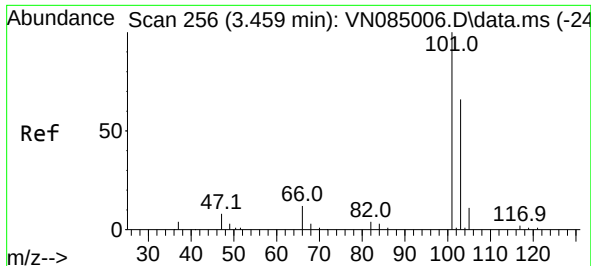
Tgt Ion: 94 Resp: 44111
Ion Ratio Lower Upper
94 100
96 90.0 78.7 118.1



#6
Chloroethane
Concen: 39.996 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.047 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

Tgt Ion: 64 Resp: 50981
Ion Ratio Lower Upper
64 100
66 32.5 24.4 36.6

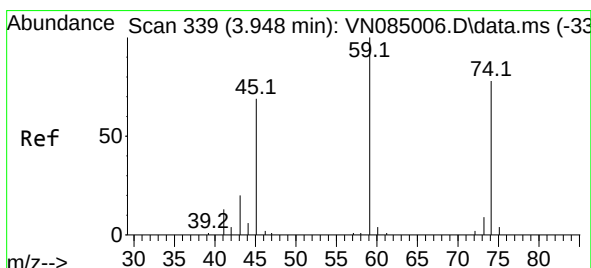
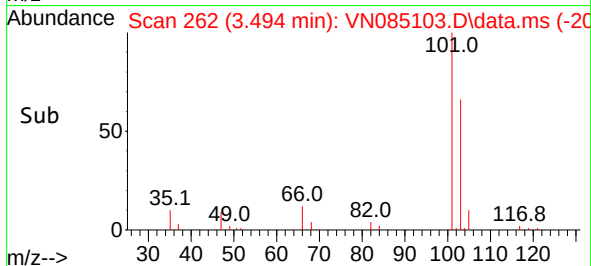
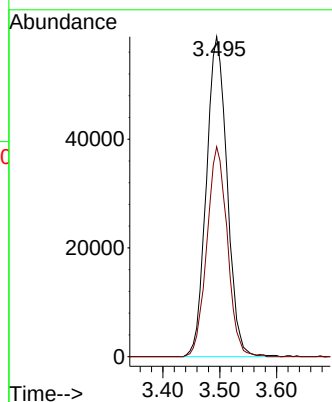
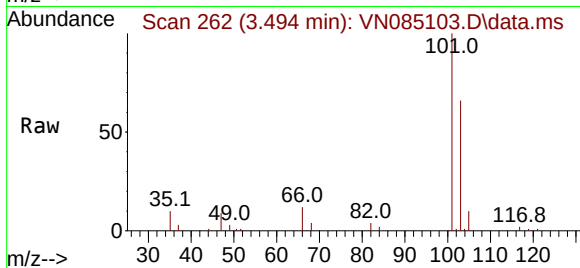




#7
 Trichlorofluoromethane
 Concen: 46.349 ug/l
 RT: 3.494 min Scan# 20
 Delta R.T. 0.035 min
 Lab File: VN085103.D
 Acq: 04 Dec 2024 18:49

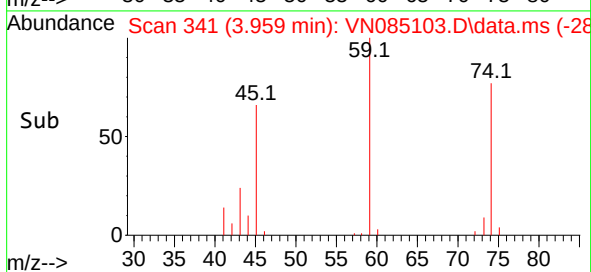
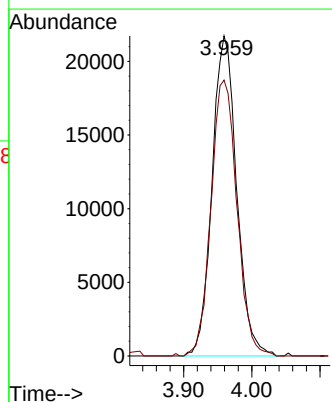
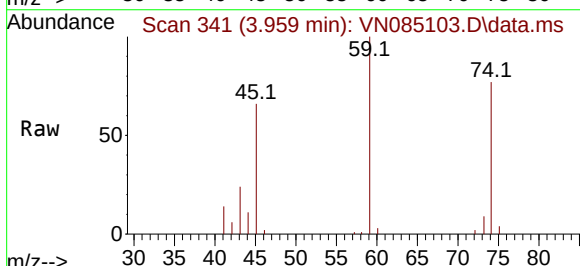
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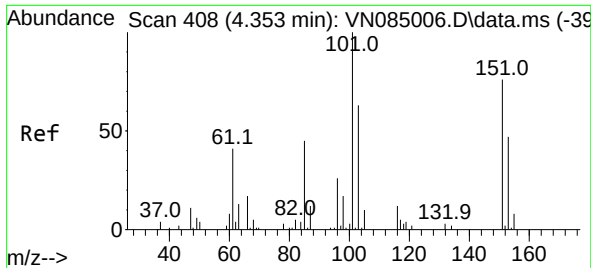
Tgt Ion:101 Resp: 149102
 Ion Ratio Lower Upper
 101 100
 103 65.6 52.6 78.8



#8
 Diethyl Ether
 Concen: 49.875 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.012 min
 Lab File: VN085103.D
 Acq: 04 Dec 2024 18:49

Tgt Ion: 74 Resp: 54608
 Ion Ratio Lower Upper
 74 100
 45 90.6 46.7 140.1

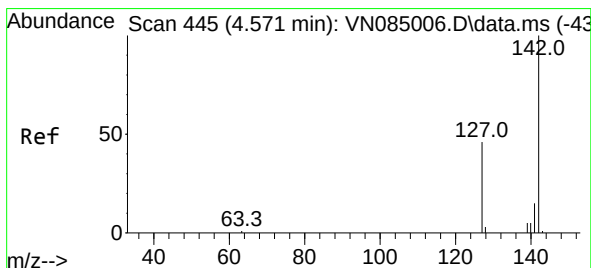
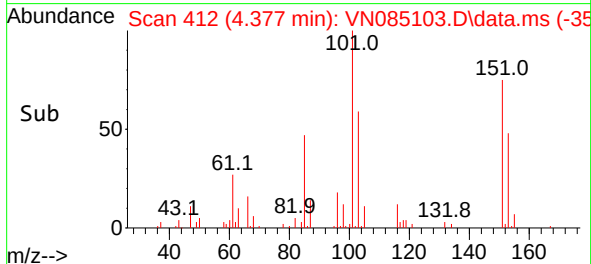
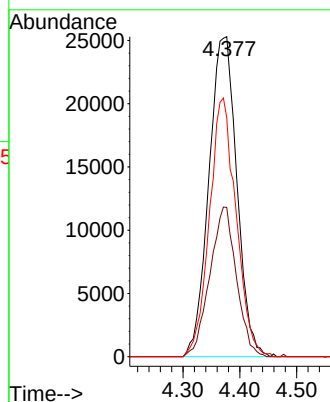
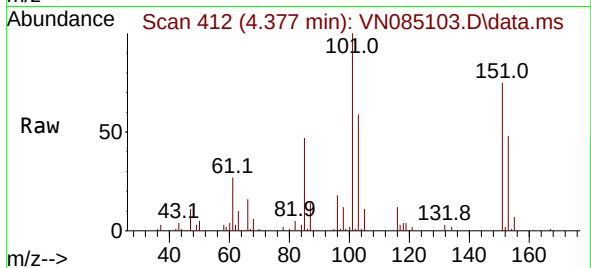




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.414 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.023 min
Lab File: VN085103.D
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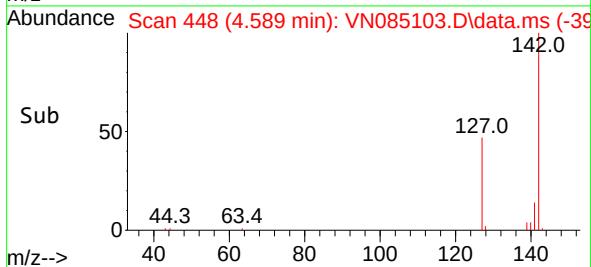
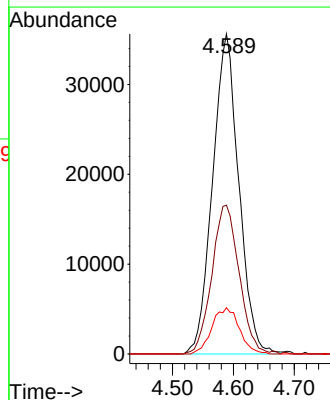
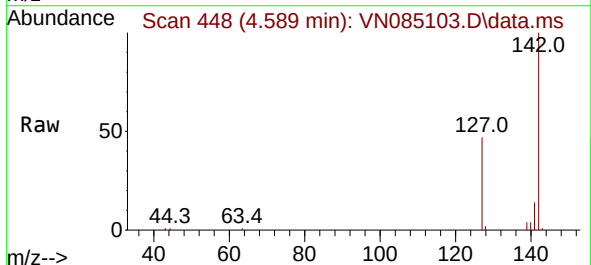
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ClientSampleId :

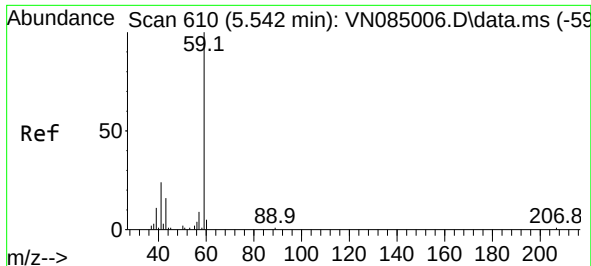
Tgt Ion:101 Resp: 86508
Ion Ratio Lower Upper
101 100
85 44.4 36.9 55.3
151 77.0 60.8 91.2



#10
Methyl Iodide
Concen: 44.017 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.017 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

Tgt Ion:142 Resp: 106305
Ion Ratio Lower Upper
142 100
127 46.5 36.6 54.8
141 14.5 12.2 18.4

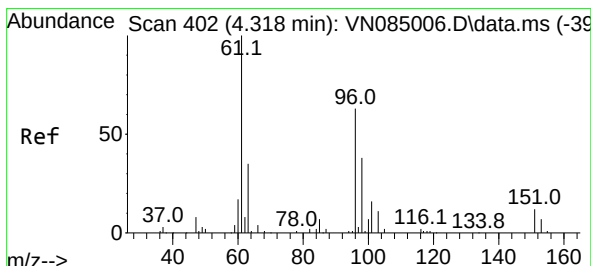
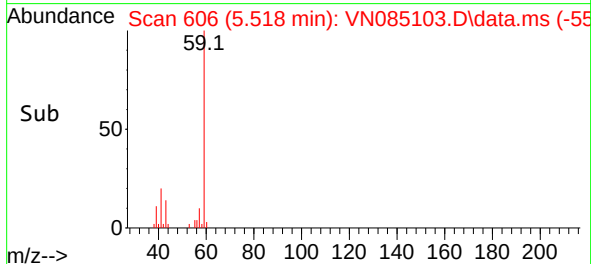
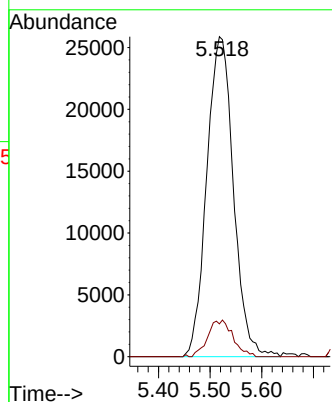
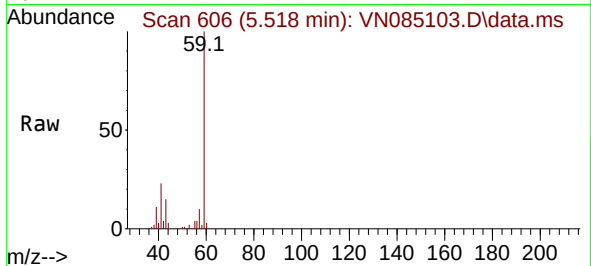




#11
Tert butyl alcohol
Concen: 303.538 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.024 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

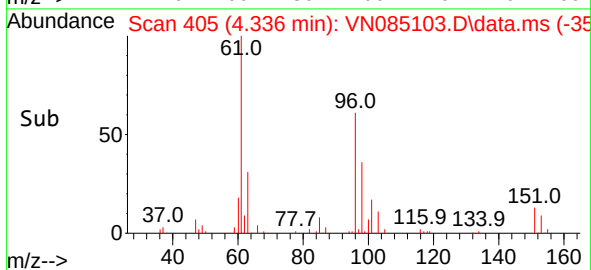
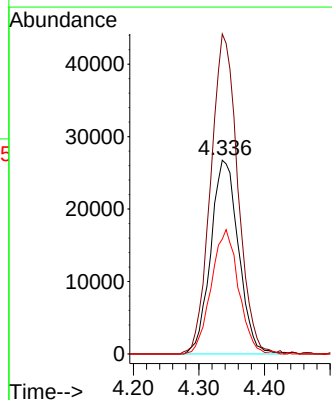
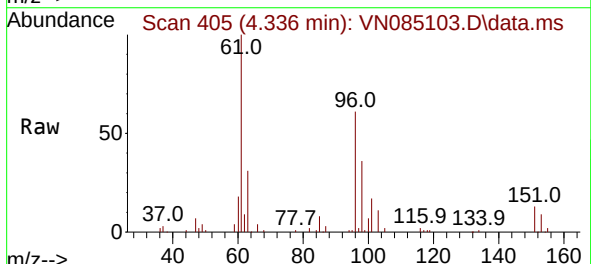
Instrument :
MSVOA_N
ClientSampleId :

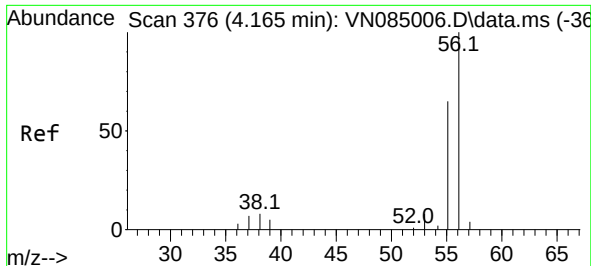
Tgt Ion: 59 Resp: 92706
Ion Ratio Lower Upper
59 100
57 10.8 7.4 11.0



#12
1,1-Dichloroethene
Concen: 46.148 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.017 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

Tgt Ion: 96 Resp: 78591
Ion Ratio Lower Upper
96 100
61 165.2 127.8 191.8
98 59.3 49.2 73.8





#13

Acrolein

Concen: 323.985 ug/l

RT: 4.171 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN085103.D

Acq: 04 Dec 2024 18:49

Instrument :

MSVOA_N

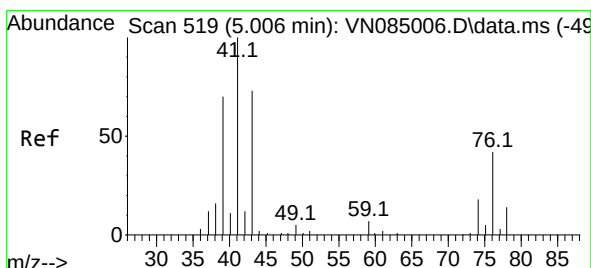
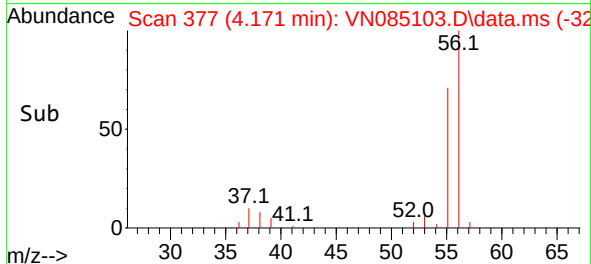
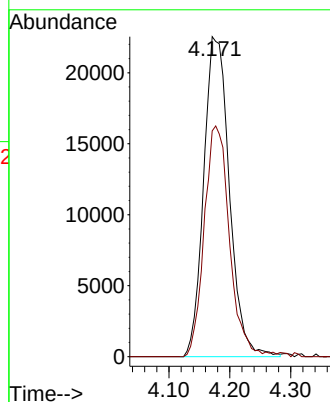
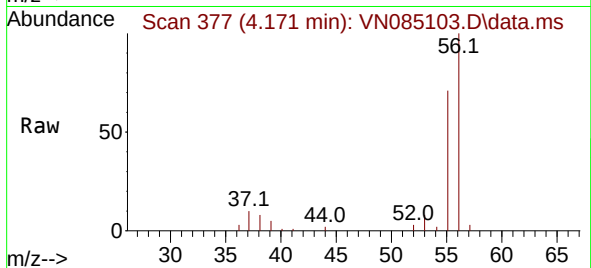
ClientSampleId :

Tgt Ion: 56 Resp: 66027

Ion Ratio Lower Upper

56 100

55 71.0 54.5 81.7



#14

Allyl chloride

Concen: 41.898 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.017 min

Lab File: VN085103.D

Acq: 04 Dec 2024 18:49

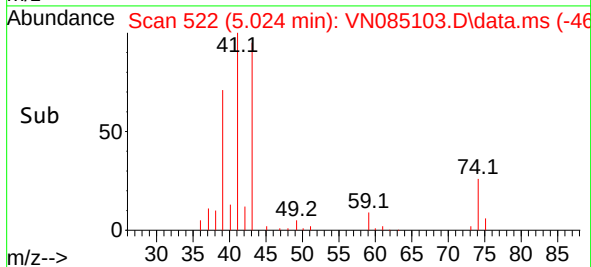
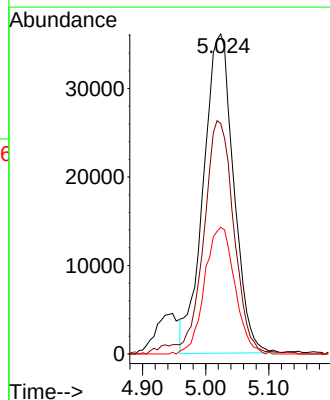
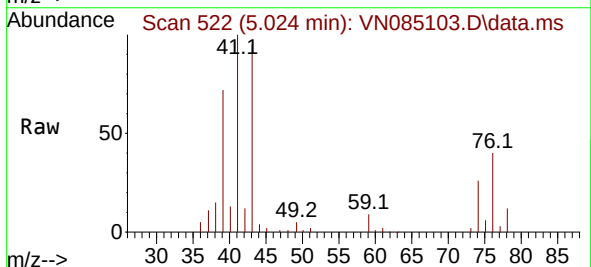
Tgt Ion: 41 Resp: 120286

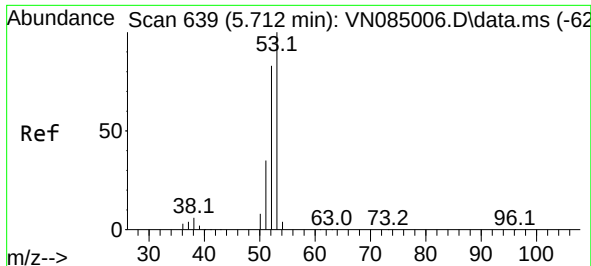
Ion Ratio Lower Upper

41 100

39 73.9 53.8 80.8

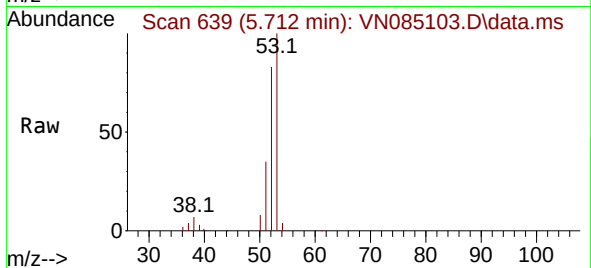
76 39.6 29.3 43.9



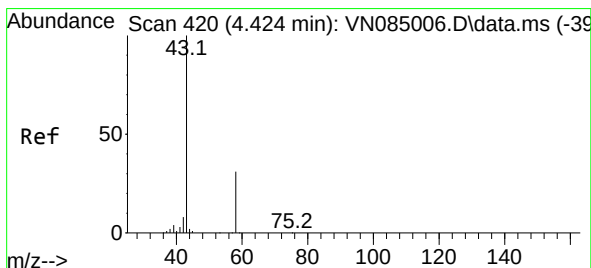
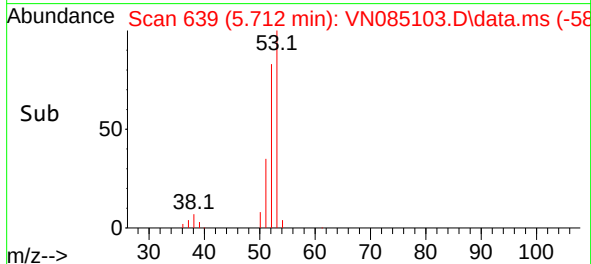
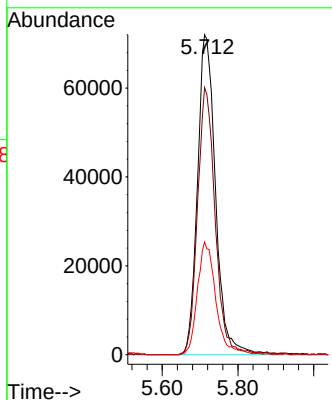


#15
Acrylonitrile
Concen: 276.446 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

Instrument :
MSVOA_N
ClientSampleId :

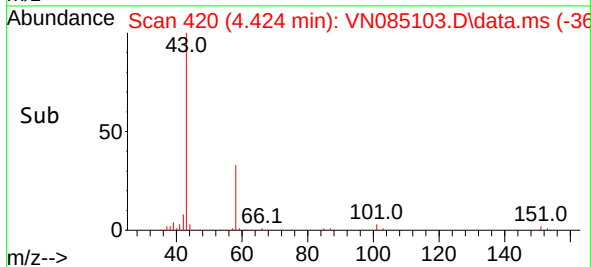
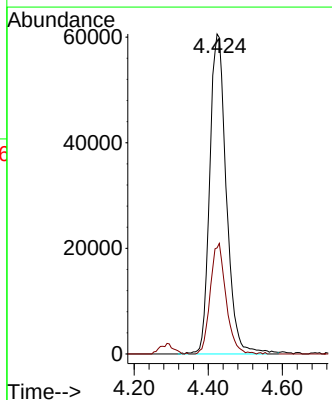
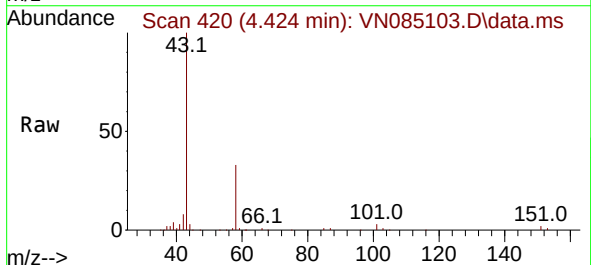


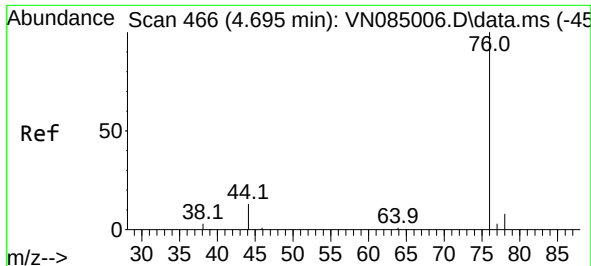
Tgt Ion:	53	Resp:	239039
Ion	Ratio	Lower	Upper
53	100		
52	81.0	65.5	98.3
51	36.0	28.4	42.6



#16
Acetone
Concen: 283.729 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

Tgt Ion:	43	Resp:	188859
Ion	Ratio	Lower	Upper
43	100		
58	33.1	25.4	38.2

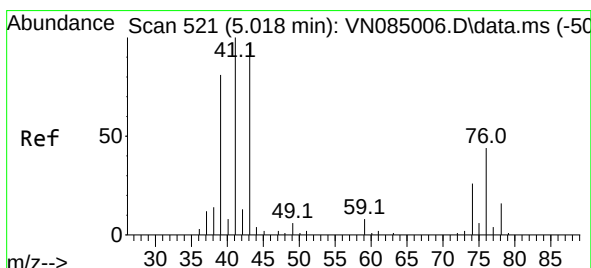
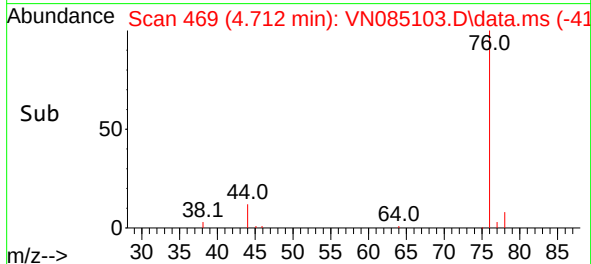
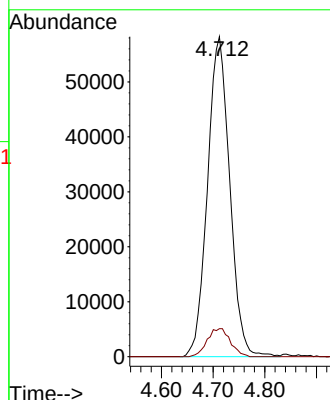
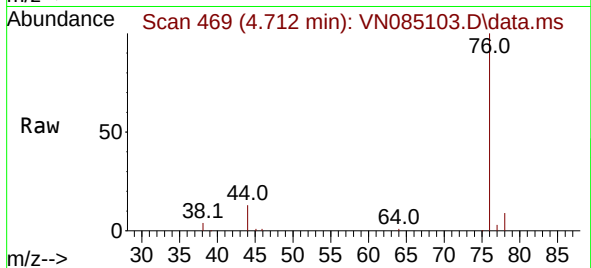




#17
Carbon Disulfide
Concen: 34.582 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.017 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

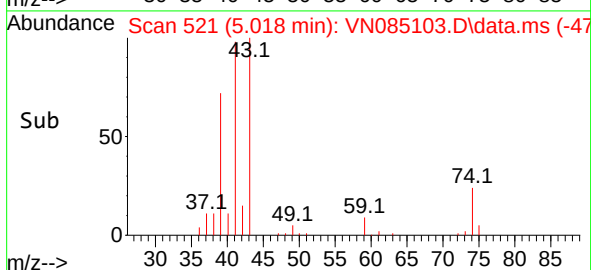
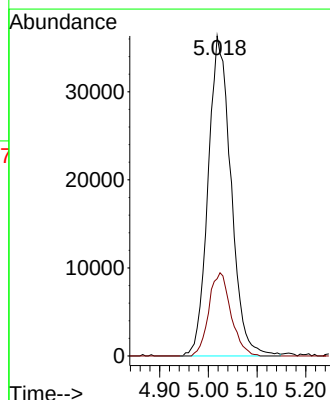
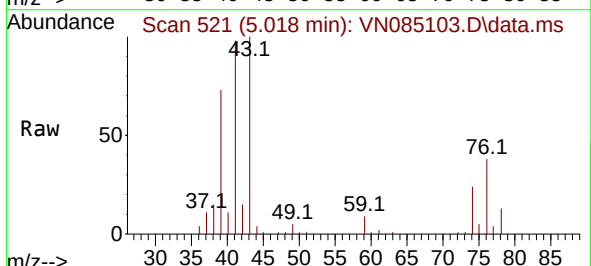
Instrument :
MSVOA_N
ClientSampleId :

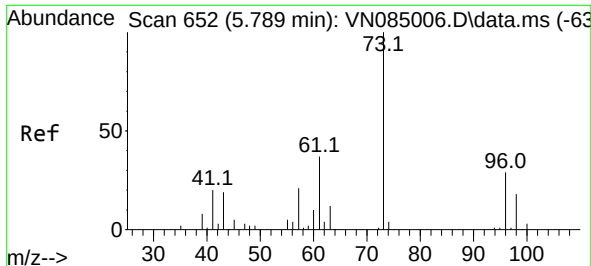
Tgt Ion: 76 Resp: 173835
Ion Ratio Lower Upper
76 100
78 8.7 6.5 9.7



#18
Methyl Acetate
Concen: 55.793 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

Tgt Ion: 43 Resp: 118419
Ion Ratio Lower Upper
43 100
74 25.1 20.1 30.1

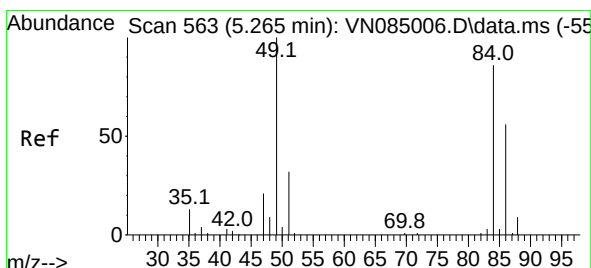
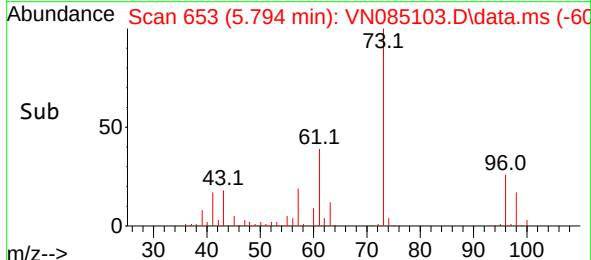
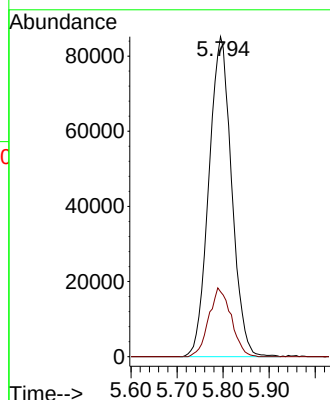
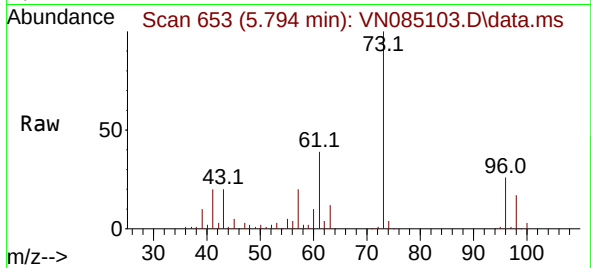




#19
Methyl tert-butyl Ether
Concen: 52.562 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

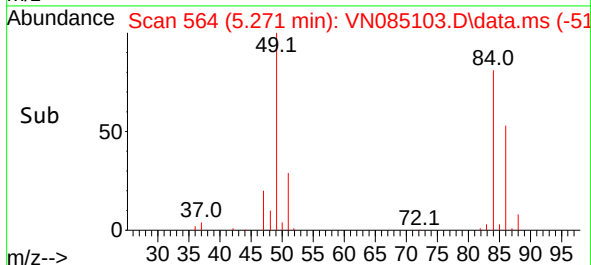
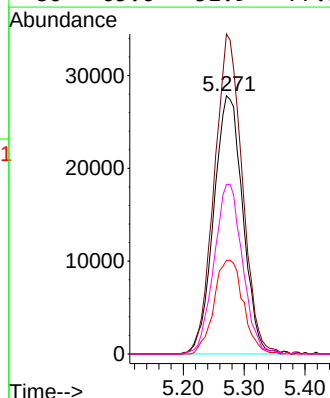
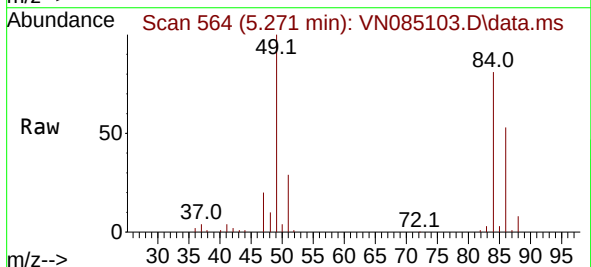
Instrument :
MSVOA_N
ClientSampleId :

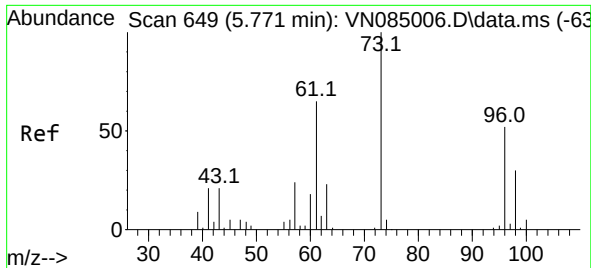
Tgt Ion: 73 Resp: 292473
Ion Ratio Lower Upper
73 100
57 20.3 17.0 25.4



#20
Methylene Chloride
Concen: 45.343 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

Tgt Ion: 84 Resp: 92100
Ion Ratio Lower Upper
84 100
49 123.9 92.7 139.1
51 36.2 29.4 44.2
86 65.6 51.9 77.9

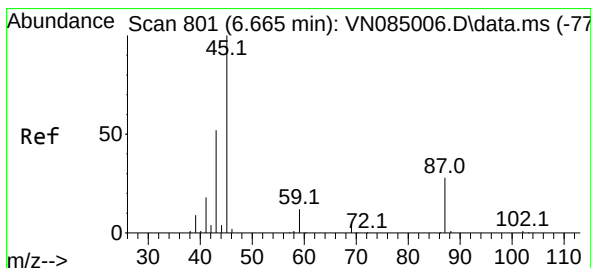
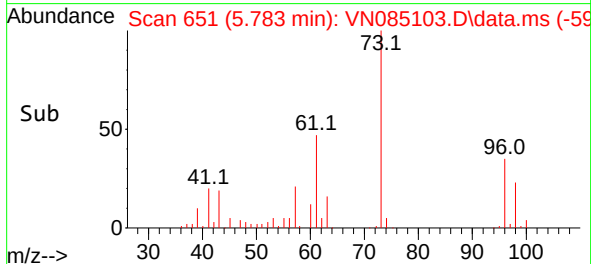
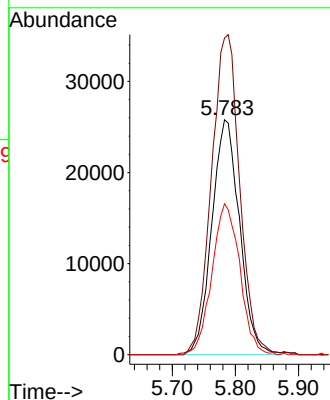
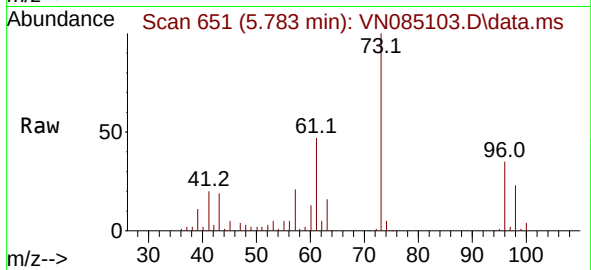




#21
trans-1,2-Dichloroethene
Concen: 43.934 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

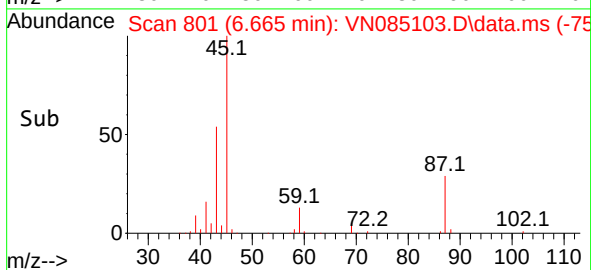
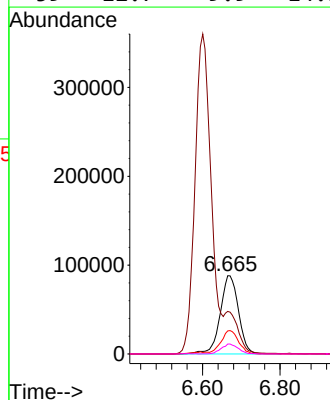
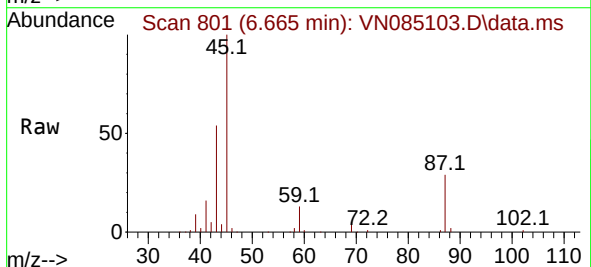
Instrument :
MSVOA_N
ClientSampleId :

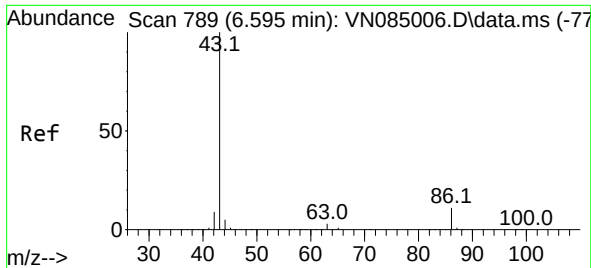
Tgt Ion: 96 Resp: 78737
Ion Ratio Lower Upper
96 100
61 134.2 100.7 151.1
98 64.3 45.8 68.6



#22
Diisopropyl ether
Concen: 49.960 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

Tgt Ion: 45 Resp: 288678
Ion Ratio Lower Upper
45 100
43 53.7 42.7 64.1
87 29.4 22.6 34.0
59 12.7 9.9 14.9

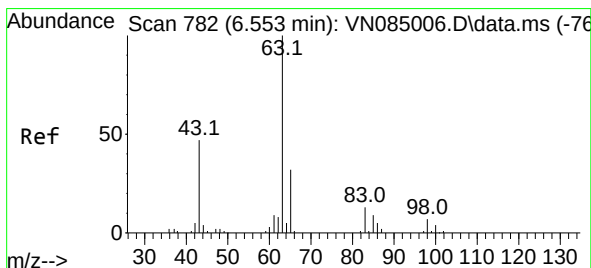
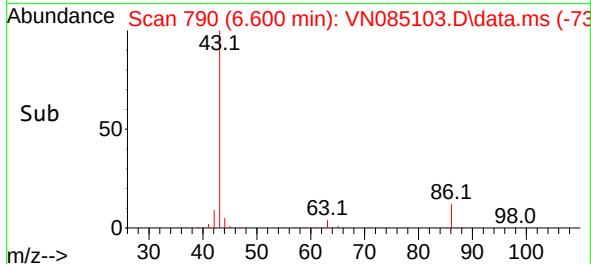
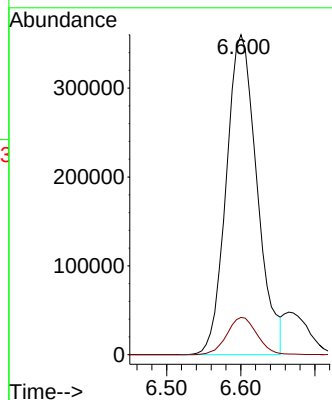
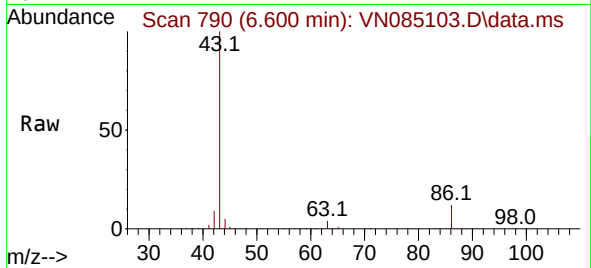




#23
 Vinyl Acetate
 Concen: 260.573 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085103.D
 Acq: 04 Dec 2024 18:49

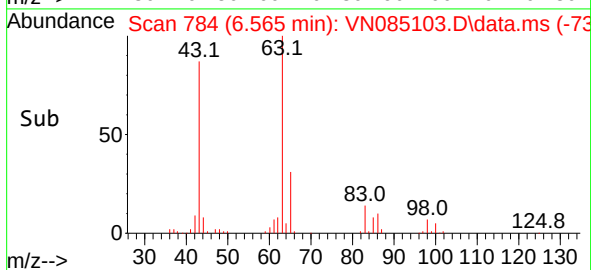
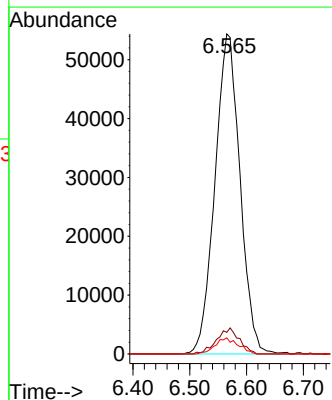
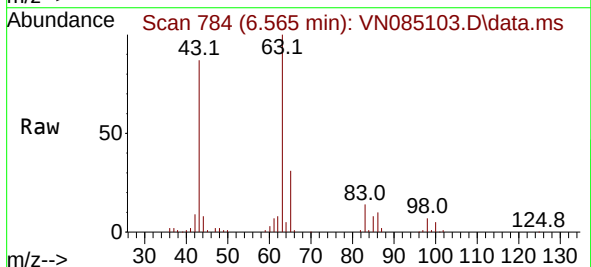
Instrument :
 MSVOA_N
 ClientSampleId :

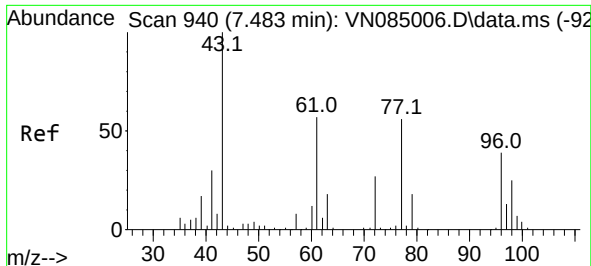
Tgt Ion: 43 Resp: 1038722
 Ion Ratio Lower Upper
 43 100
 86 11.7 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 48.188 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.012 min
 Lab File: VN085103.D
 Acq: 04 Dec 2024 18:49

Tgt Ion: 63 Resp: 166627
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.8
 100 5.0 2.2 6.6

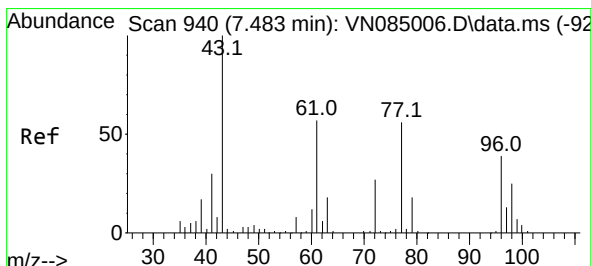
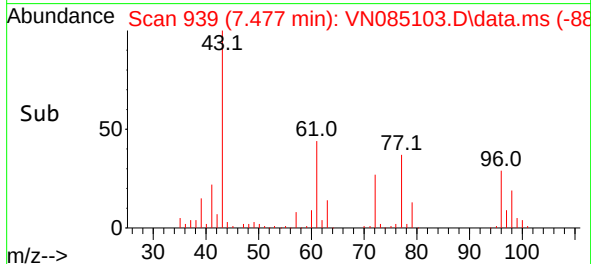
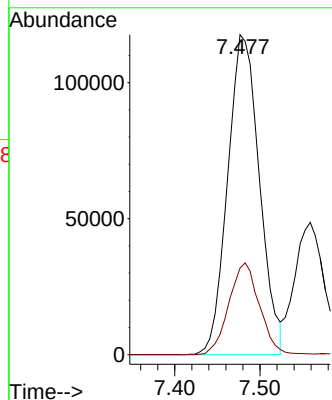
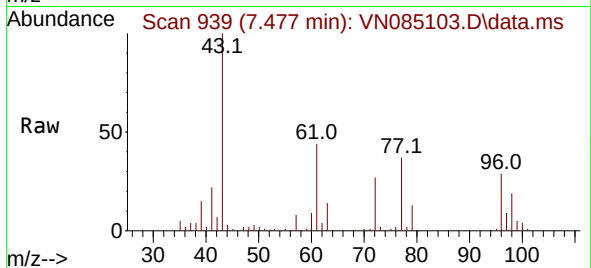




#25
2-Butanone
Concen: 280.036 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

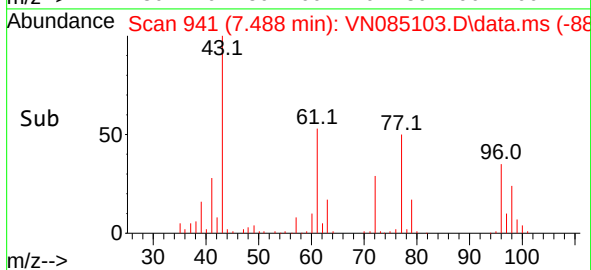
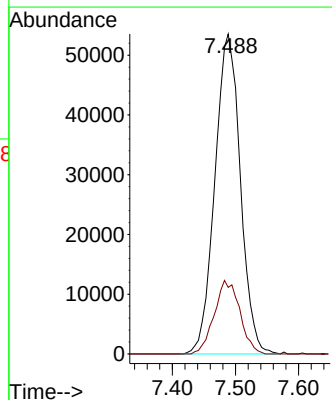
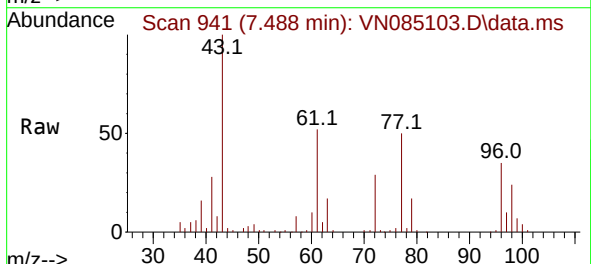
Instrument :
MSVOA_N
ClientSampleId :

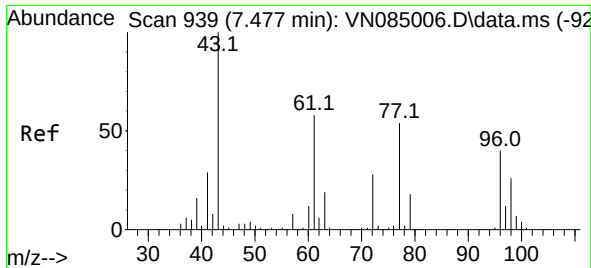
Tgt Ion: 43 Resp: 304750
Ion Ratio Lower Upper
43 100
72 27.1 21.4 32.0



#26
2,2-Dichloropropane
Concen: 46.434 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

Tgt Ion: 77 Resp: 149928
Ion Ratio Lower Upper
77 100
97 23.1 10.9 32.7

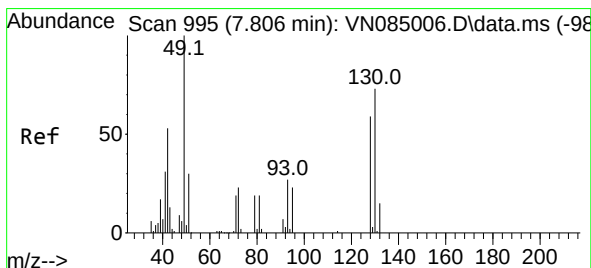
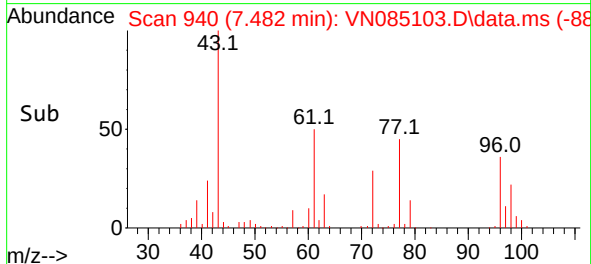
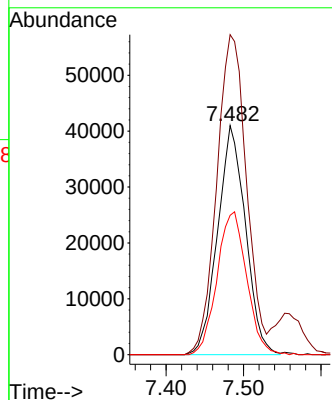
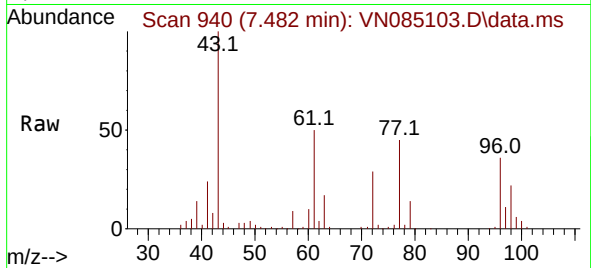




#27
cis-1,2-Dichloroethene
Concen: 47.501 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

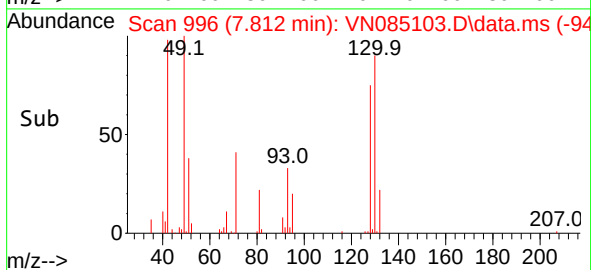
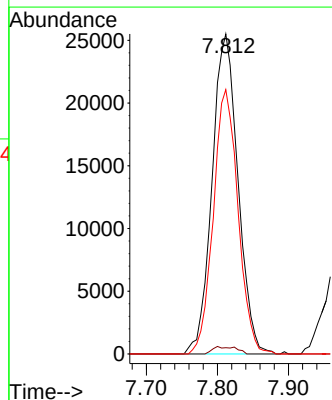
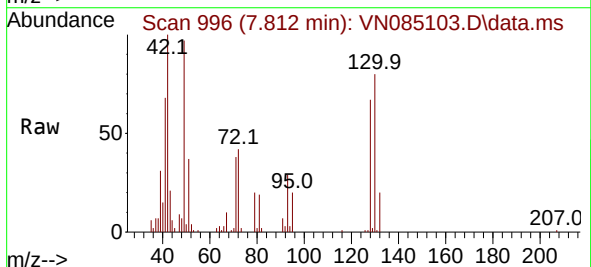
Instrument :
MSVOA_N
ClientSampleId :

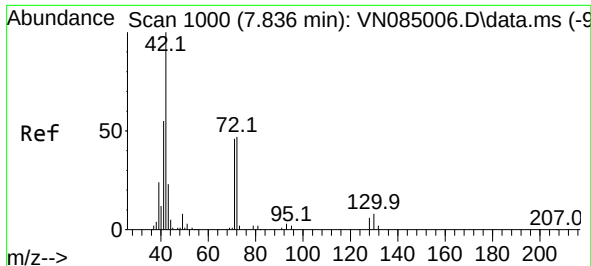
Tgt Ion: 96 Resp: 102627
Ion Ratio Lower Upper
96 100
61 148.5 0.0 291.6
98 66.2 0.0 129.8



#28
Bromochloromethane
Concen: 49.500 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

Tgt Ion: 49 Resp: 64611
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.0
130 78.7 60.6 90.8





#29

Tetrahydrofuran

Concen: 292.888 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

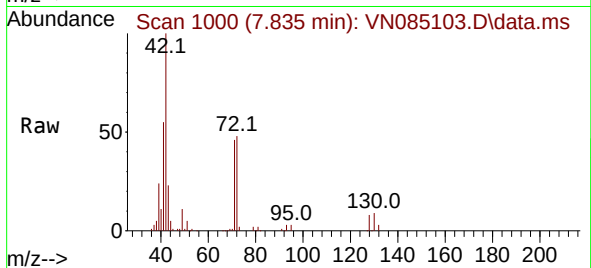
Lab File: VN085103.D

Acq: 04 Dec 2024 18:49

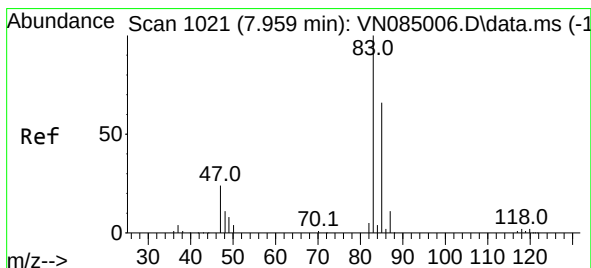
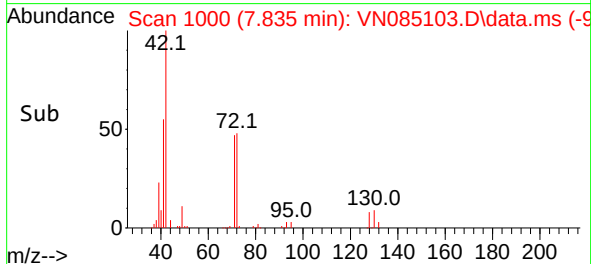
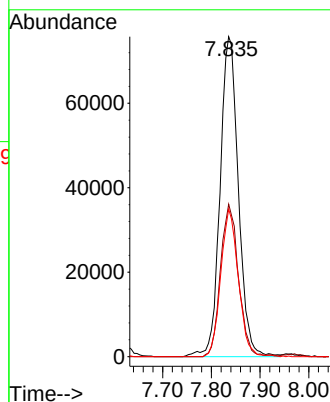
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	198212
Ion Ratio	Lower	Upper	
42	100		
72	46.7	37.0	55.4
71	44.2	35.0	52.4



#30

Chloroform

Concen: 48.769 ug/l

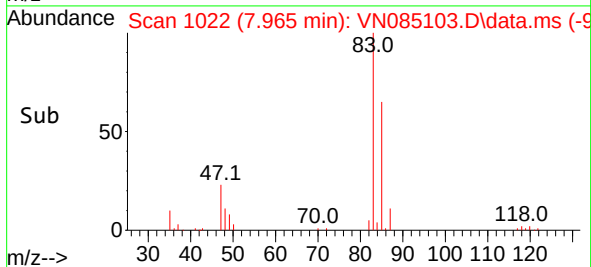
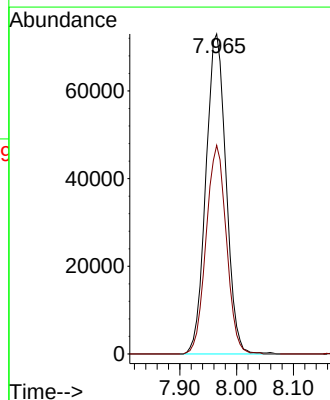
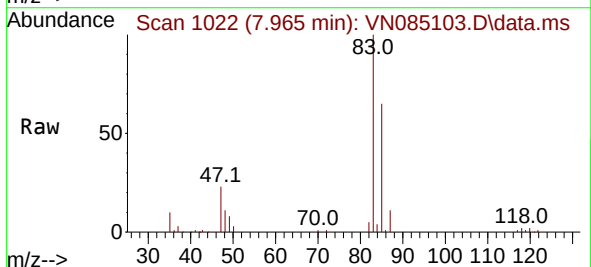
RT: 7.965 min Scan# 1022

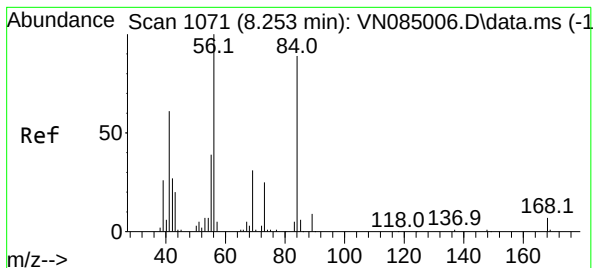
Delta R.T. 0.006 min

Lab File: VN085103.D

Acq: 04 Dec 2024 18:49

Tgt Ion:	83	Resp:	179383
Ion Ratio	Lower	Upper	
83	100		
85	65.2	52.6	78.8





#31

Cyclohexane

Concen: 40.832 ug/l

RT: 8.253 min Scan# 1

Delta R.T. -0.000 min

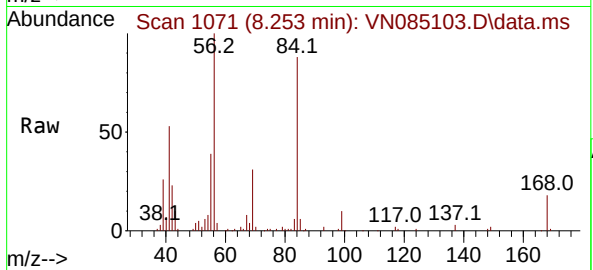
Lab File: VN085103.D

Acq: 04 Dec 2024 18:49

Instrument :

MSVOA_N

ClientSampleId :



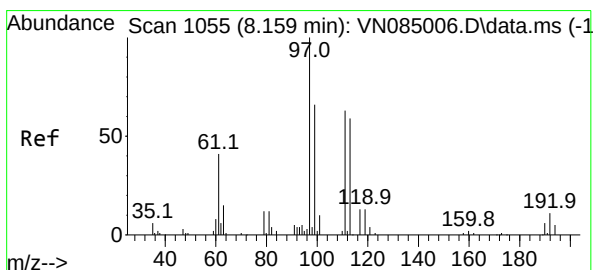
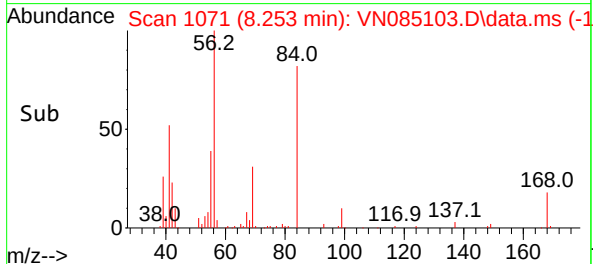
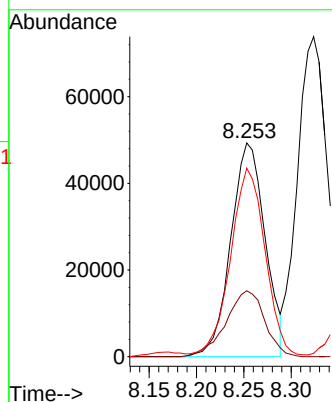
Tgt Ion: 56 Resp: 124312

Ion Ratio Lower Upper

56 100

69 30.8 24.6 36.8

84 86.4 71.4 107.2



#32

1,1,1-Trichloroethane

Concen: 48.943 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.012 min

Lab File: VN085103.D

Acq: 04 Dec 2024 18:49

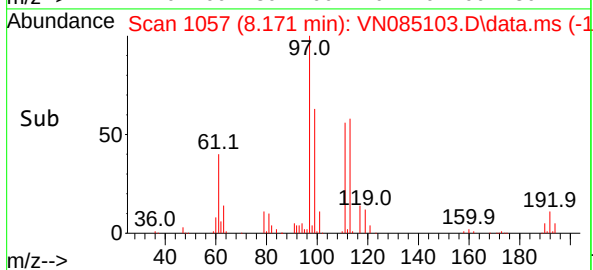
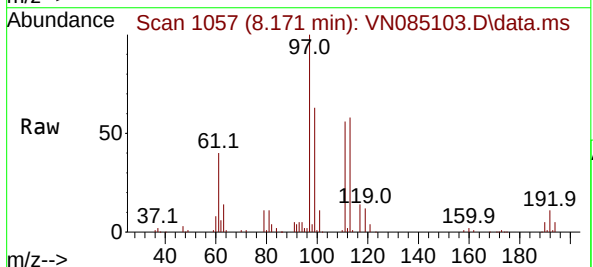
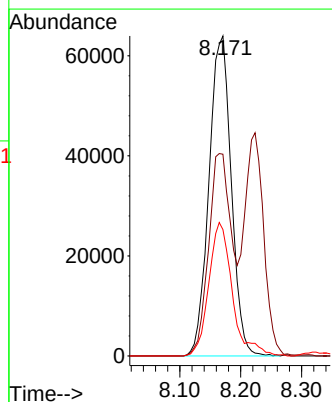
Tgt Ion: 97 Resp: 162679

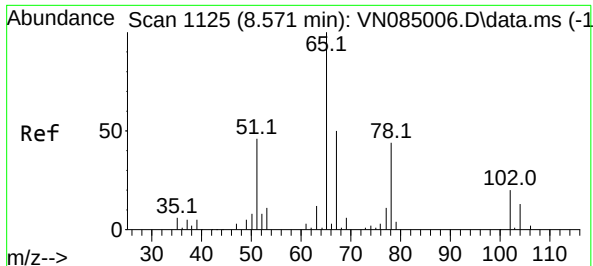
Ion Ratio Lower Upper

97 100

99 65.0 51.0 76.4

61 44.0 36.2 54.2





#33

1,2-Dichloroethane-d4

Concen: 49.434 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085103.D

Acq: 04 Dec 2024 18:49

Instrument :

MSVOA_N

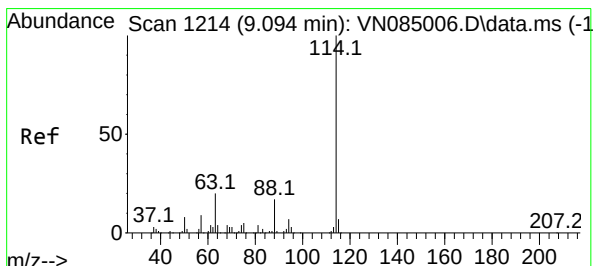
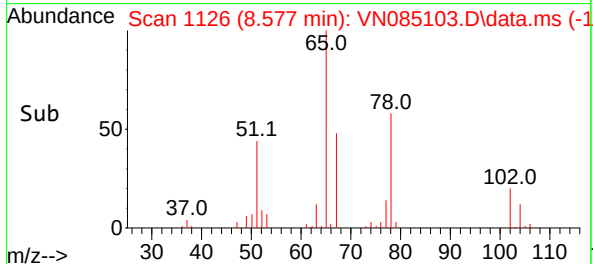
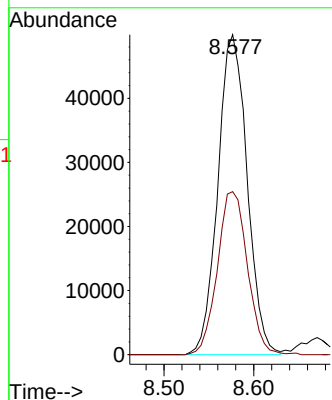
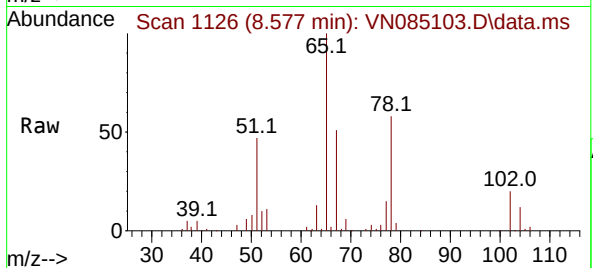
ClientSampleId :

Tgt Ion: 65 Resp: 112982

Ion Ratio Lower Upper

65 100

67 52.4 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085103.D

Acq: 04 Dec 2024 18:49

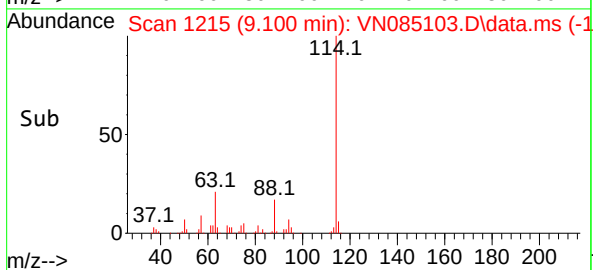
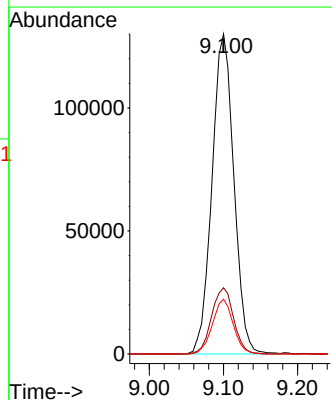
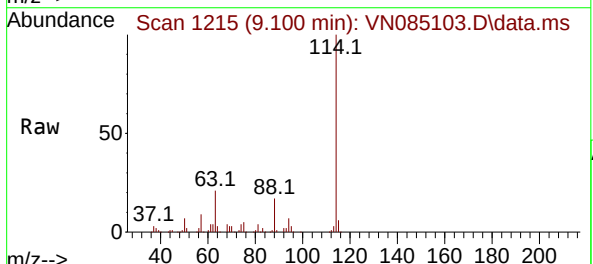
Tgt Ion: 114 Resp: 266631

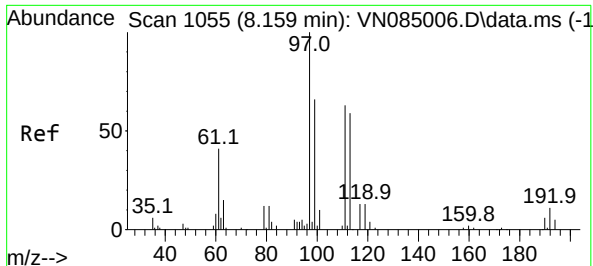
Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.0

88 17.1 0.0 34.8





#35

Dibromofluoromethane

Concen: 51.064 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085103.D

Acq: 04 Dec 2024 18:49

Instrument :

MSVOA_N

ClientSampleId :

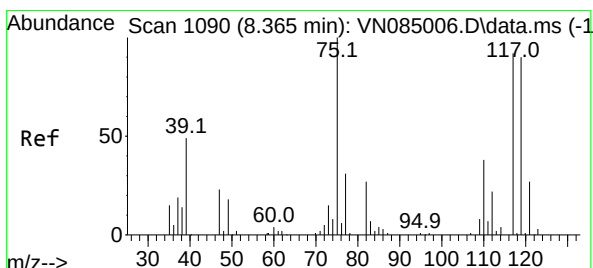
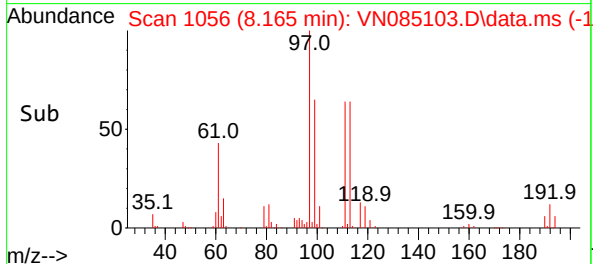
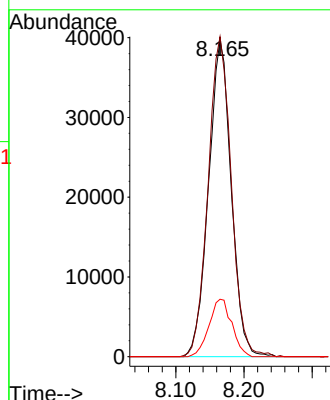
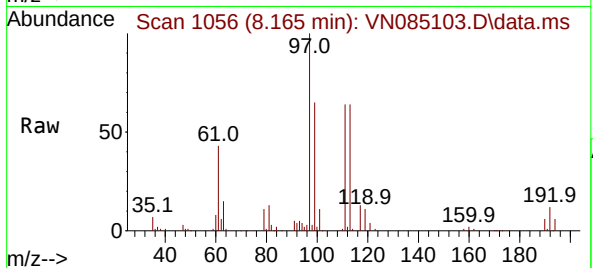
Tgt Ion:113 Resp: 91817

Ion Ratio Lower Upper

113 100

111 103.2 82.0 123.0

192 18.3 14.8 22.2



#36

1,1-Dichloropropene

Concen: 46.445 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN085103.D

Acq: 04 Dec 2024 18:49

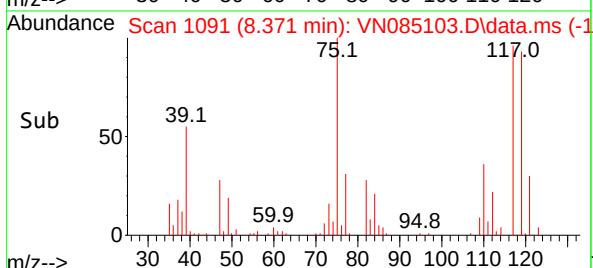
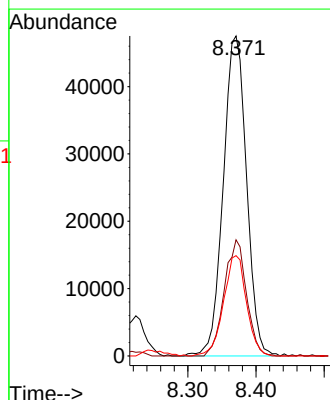
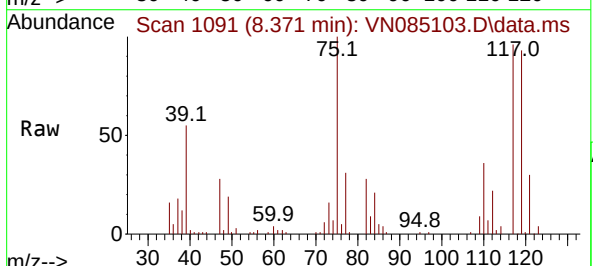
Tgt Ion: 75 Resp: 113116

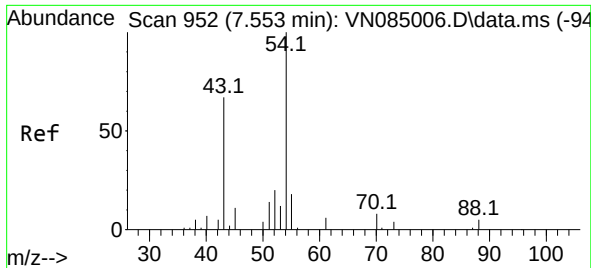
Ion Ratio Lower Upper

75 100

110 34.5 17.2 51.6

77 30.9 24.2 36.4





#37

Ethyl Acetate

Concen: 54.765 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN085103.D

Acq: 04 Dec 2024 18:49

Instrument :

MSVOA_N

ClientSampleId :

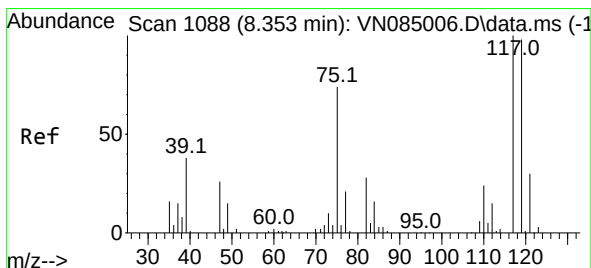
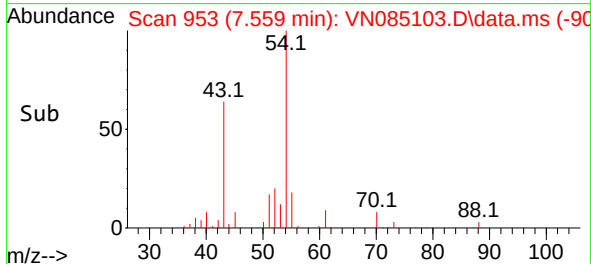
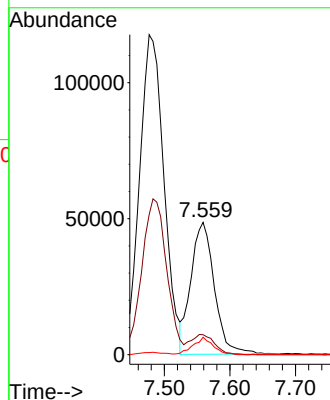
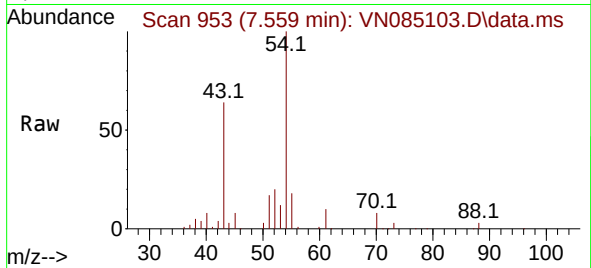
Tgt Ion: 43 Resp: 121256

Ion Ratio Lower Upper

43 100

61 14.3 11.7 17.5

70 11.2 9.3 13.9



#38

Carbon Tetrachloride

Concen: 50.086 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VN085103.D

Acq: 04 Dec 2024 18:49

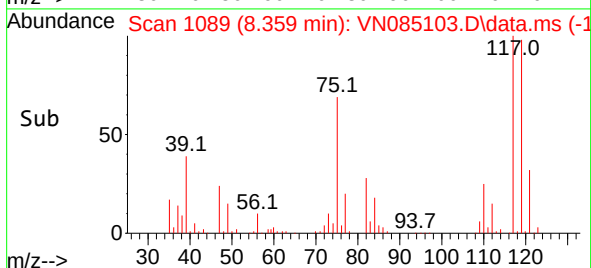
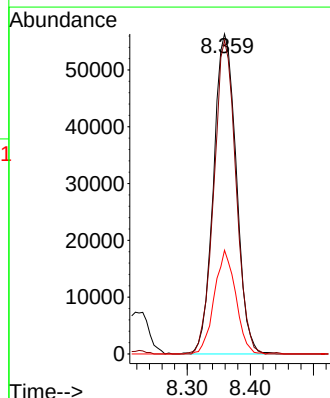
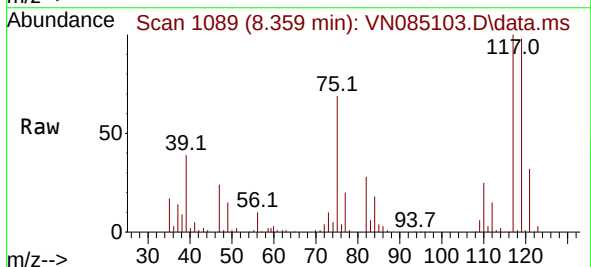
Tgt Ion: 117 Resp: 140805

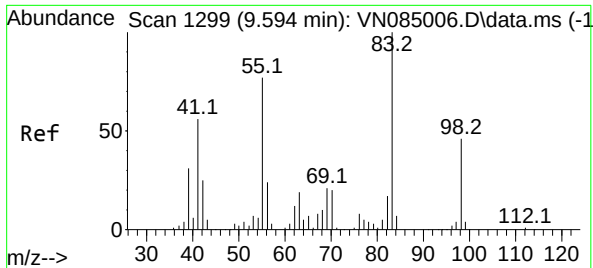
Ion Ratio Lower Upper

117 100

119 98.0 78.6 117.8

121 32.4 24.2 36.2





#39

Methylcyclohexane

Concen: 46.894 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN085103.D

Acq: 04 Dec 2024 18:49

Instrument :

MSVOA_N

ClientSampleId :

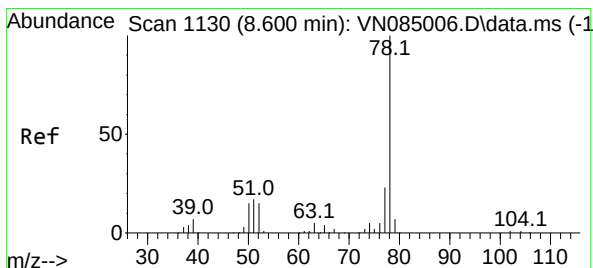
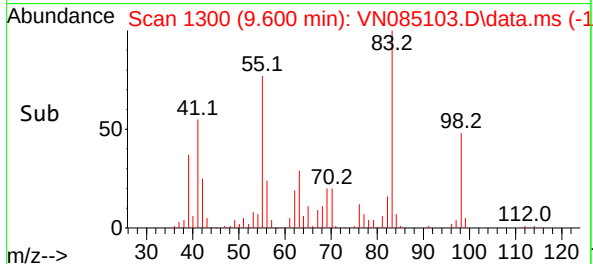
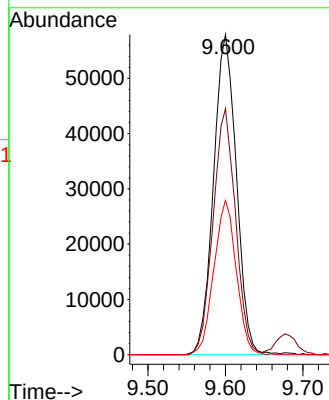
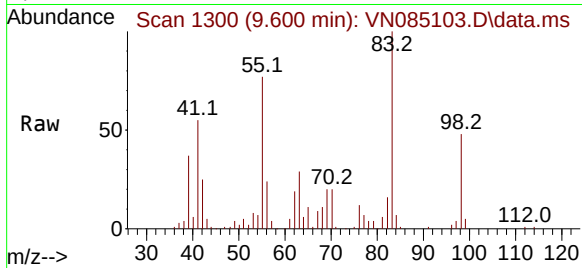
Tgt Ion: 83 Resp: 118680

Ion Ratio Lower Upper

83 100

55 76.8 61.8 92.6

98 48.2 37.0 55.6



#40

Benzene

Concen: 47.701 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN085103.D

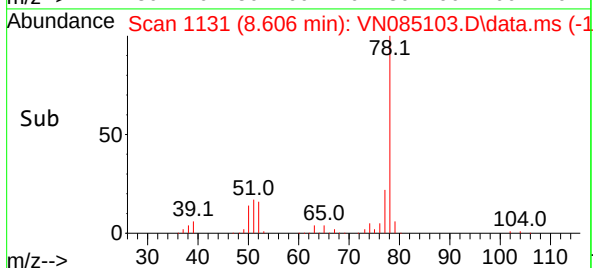
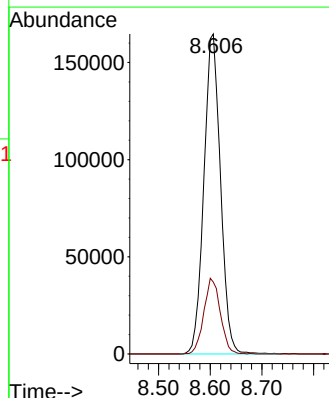
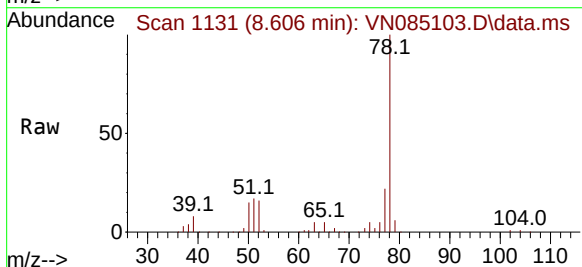
Acq: 04 Dec 2024 18:49

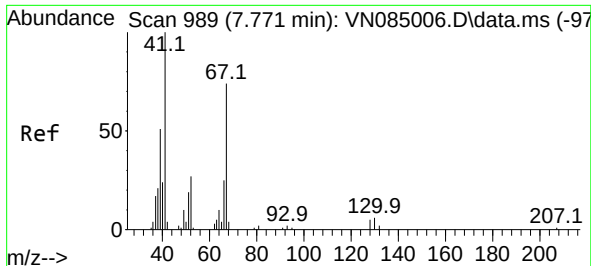
Tgt Ion: 78 Resp: 367439

Ion Ratio Lower Upper

78 100

77 22.4 18.5 27.7



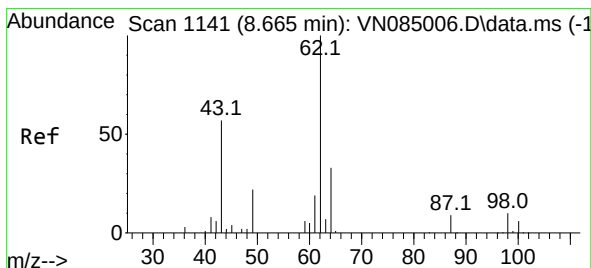
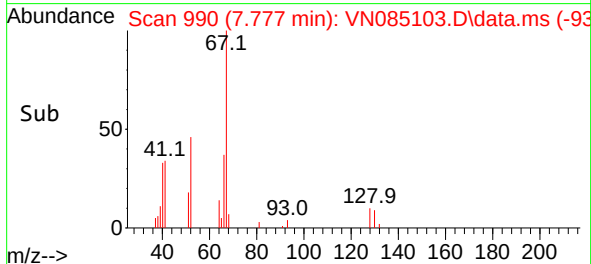
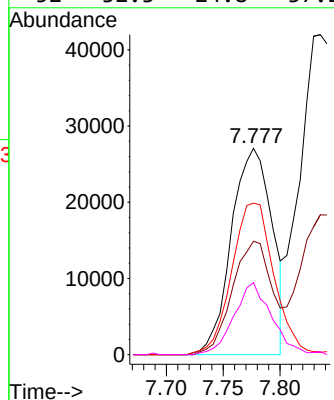
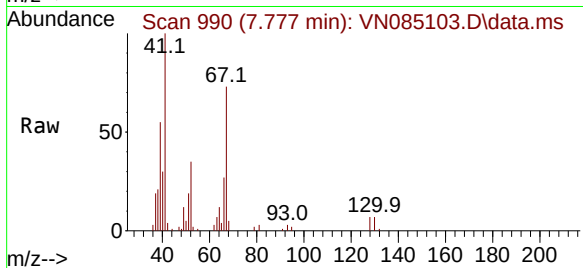


#41
Methacrylonitrile
Concen: 54.960 ug/l
RT: 7.777 min Scan# 989
Delta R.T. 0.006 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 67375

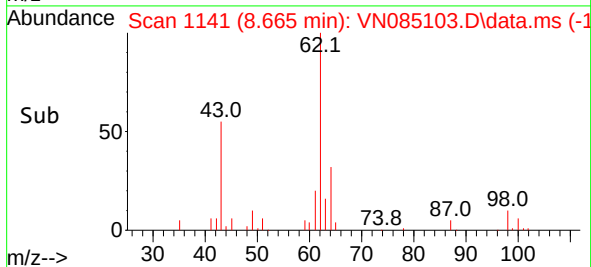
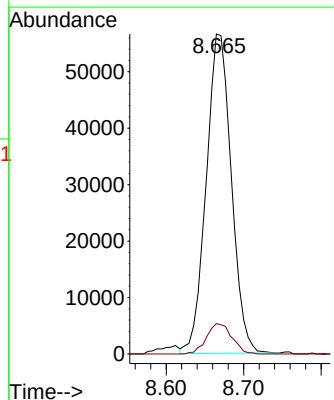
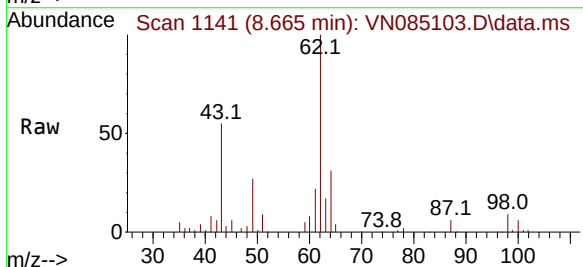
Ion	Ratio	Lower	Upper
41	100		
39	53.1	42.6	63.8
67	76.8	59.9	89.9
52	32.3	24.8	37.2

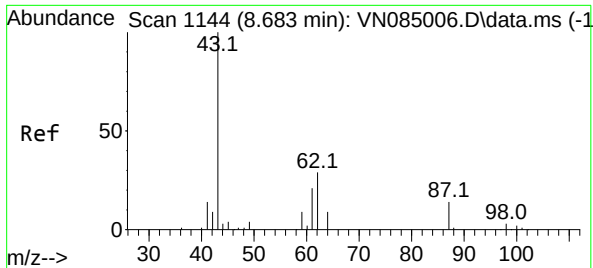


#42
1,2-Dichloroethane
Concen: 48.429 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

Tgt Ion: 62 Resp: 127622

Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.2

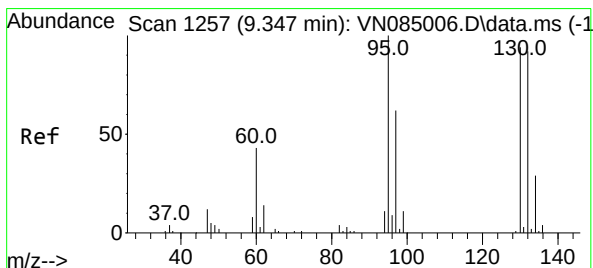
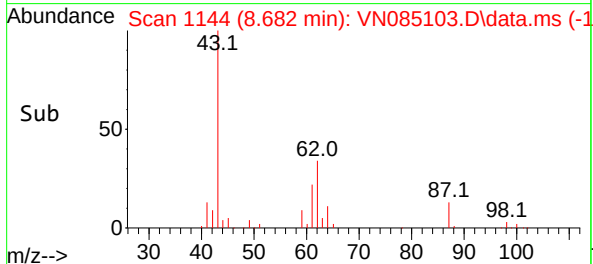
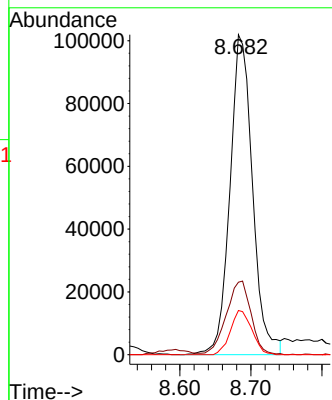
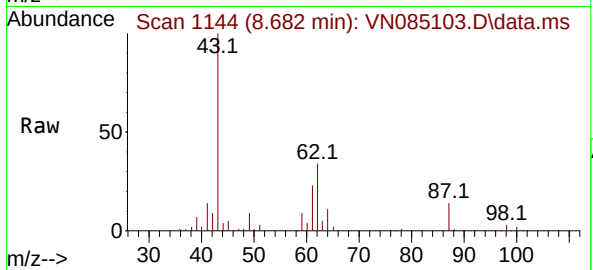




#43
Isopropyl Acetate
Concen: 48.989 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

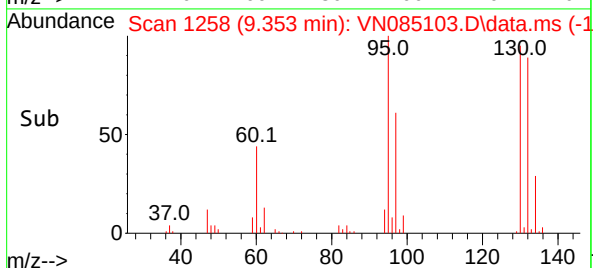
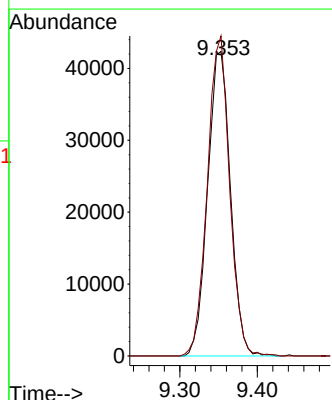
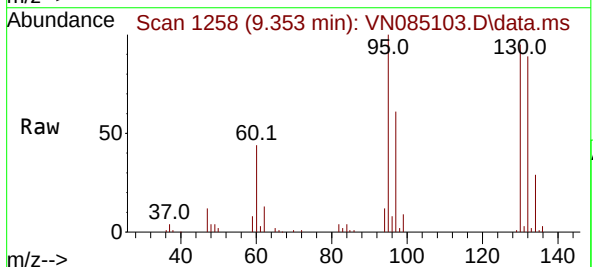
Instrument :
MSVOA_N
ClientSampleId :

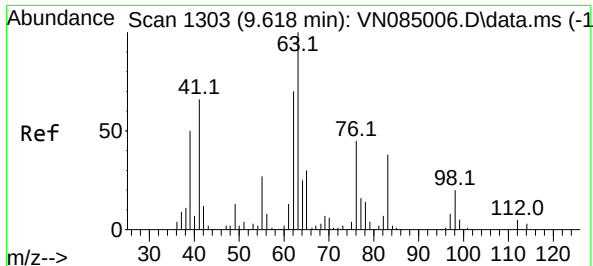
Tgt Ion: 43 Resp: 225303
Ion Ratio Lower Upper
43 100
61 25.2 20.6 30.8
87 13.1 11.0 16.4



#44
Trichloroethene
Concen: 48.368 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

Tgt Ion:130 Resp: 86584
Ion Ratio Lower Upper
130 100
95 105.1 0.0 213.4





#45

1,2-Dichloropropane

Concen: 48.891 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN085103.D

Acq: 04 Dec 2024 18:49

Instrument :

MSVOA_N

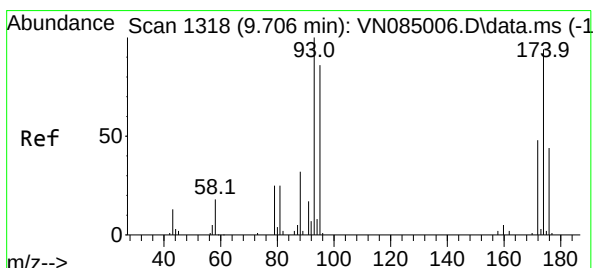
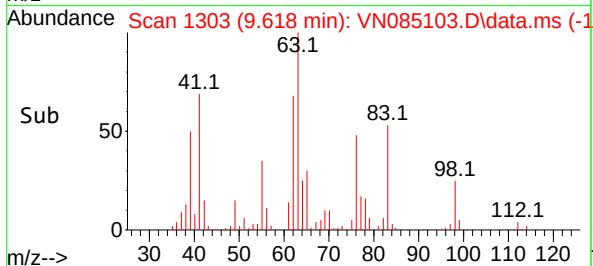
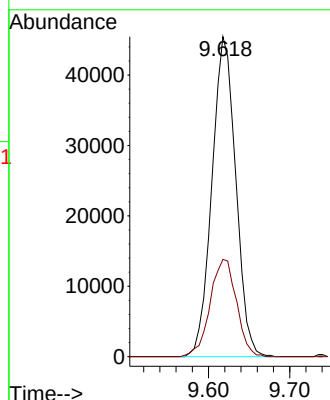
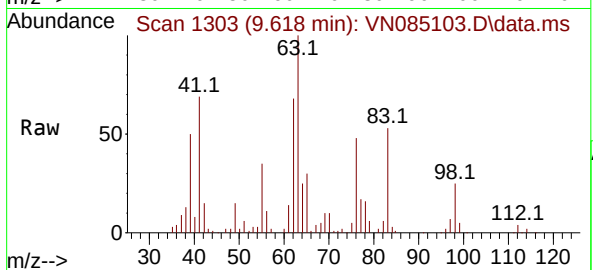
ClientSampleId :

Tgt Ion: 63 Resp: 92759

Ion Ratio Lower Upper

63 100

65 30.4 24.0 36.0



#46

Dibromomethane

Concen: 49.679 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN085103.D

Acq: 04 Dec 2024 18:49

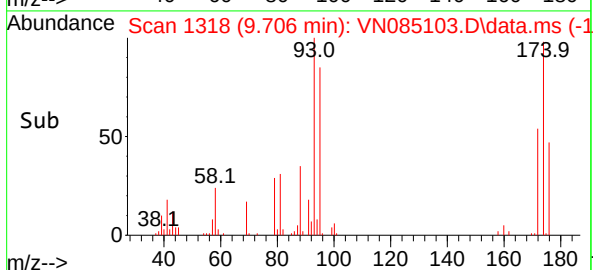
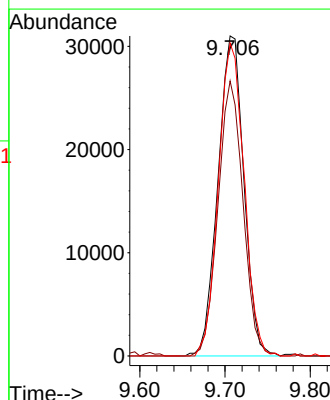
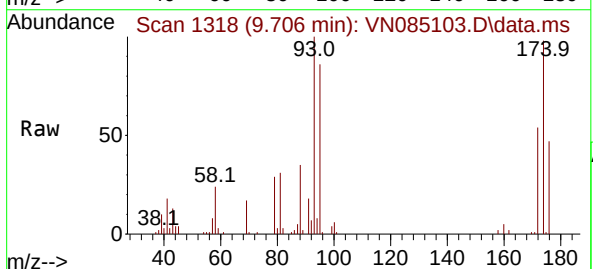
Tgt Ion: 93 Resp: 65493

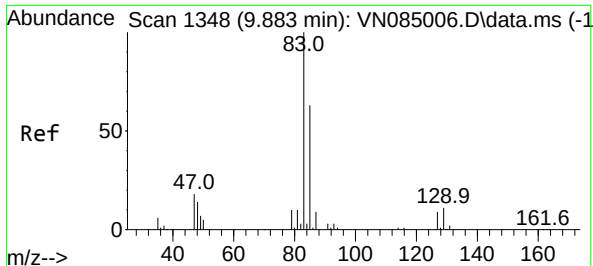
Ion Ratio Lower Upper

93 100

95 83.0 66.2 99.4

174 96.8 74.9 112.3

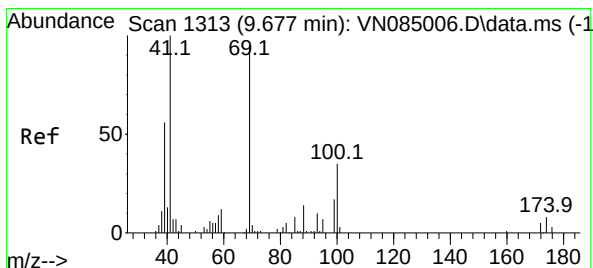
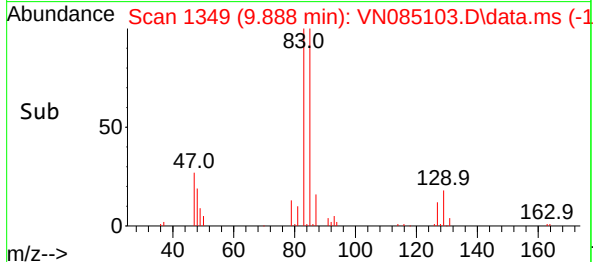
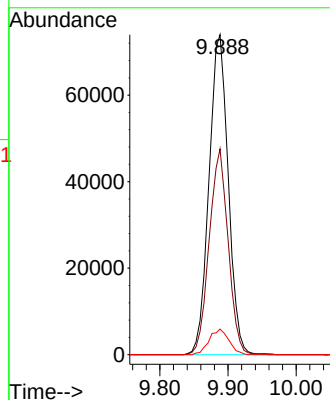
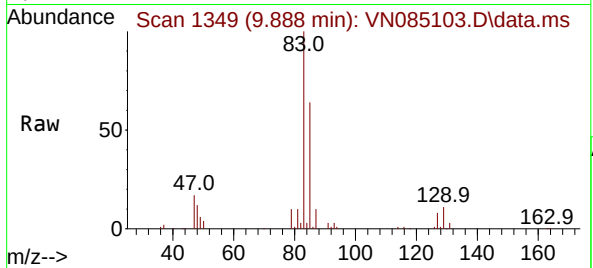




#47
Bromodichloromethane
Concen: 51.952 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

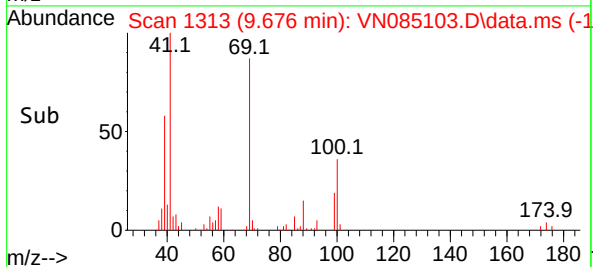
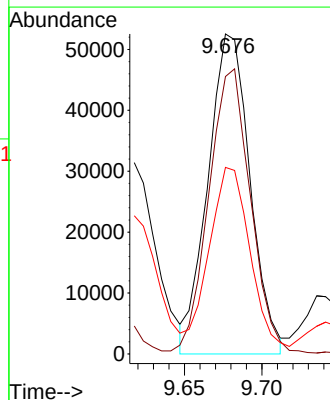
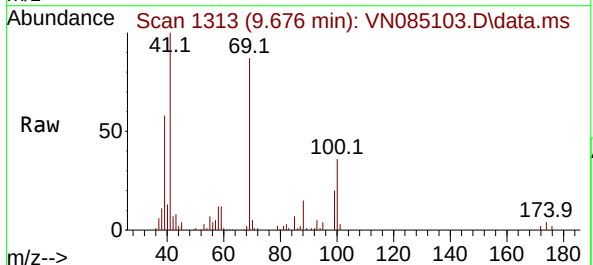
Instrument :
MSVOA_N
ClientSampleId :

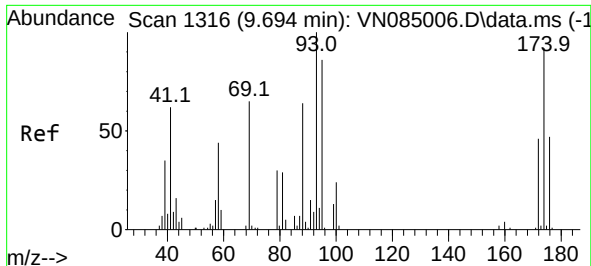
Tgt Ion: 83 Resp: 145160
Ion Ratio Lower Upper
83 100
85 64.3 50.5 75.7
127 8.0 7.1 10.7



#48
Methyl methacrylate
Concen: 57.985 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

Tgt Ion: 41 Resp: 99236
Ion Ratio Lower Upper
41 100
69 87.9 73.2 109.8
39 58.0 46.2 69.4





#49

1,4-Dioxane

Concen: 1240.839 ug/l

RT: 9.694 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN085103.D

Acq: 04 Dec 2024 18:49

Instrument :

MSVOA_N

ClientSampleId :

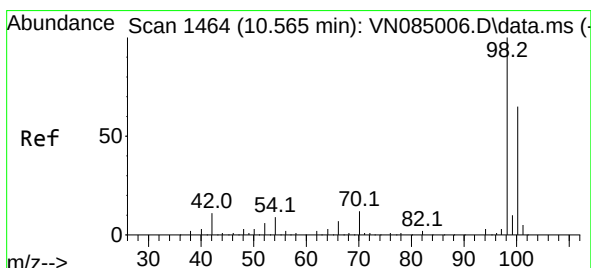
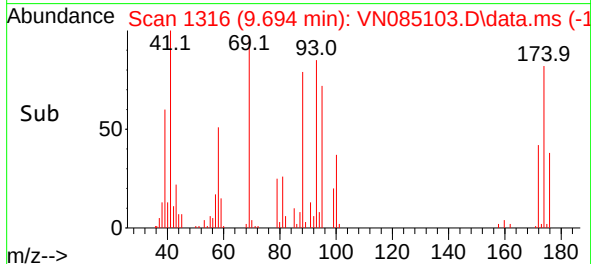
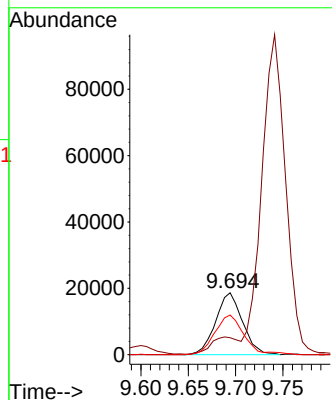
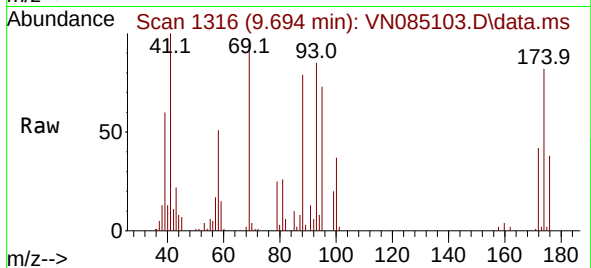
Tgt Ion: 88 Resp: 36827

Ion Ratio Lower Upper

88 100

43 29.3 16.7 25.1#

58 69.5 56.5 84.7



#50

Toluene-d8

Concen: 49.953 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085103.D

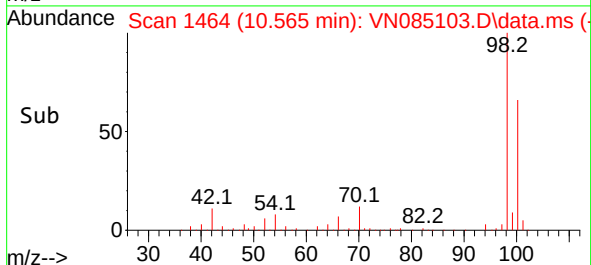
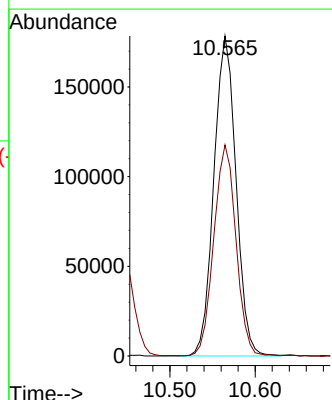
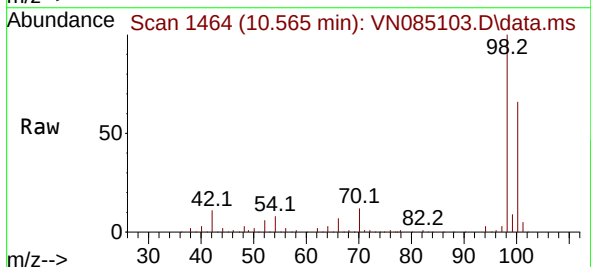
Acq: 04 Dec 2024 18:49

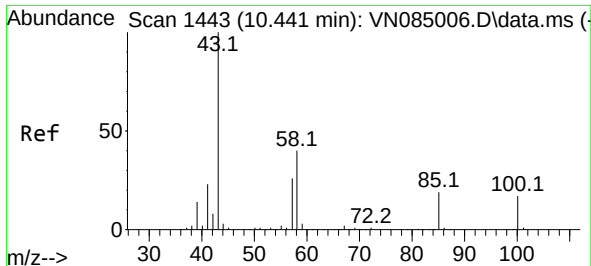
Tgt Ion: 98 Resp: 321887

Ion Ratio Lower Upper

98 100

100 66.3 52.5 78.7

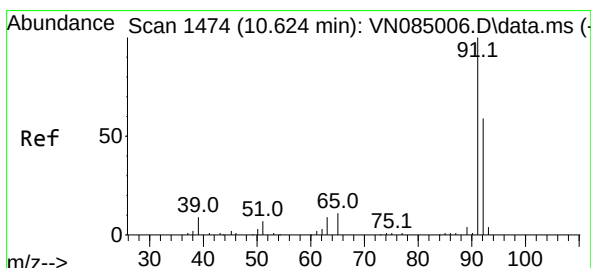
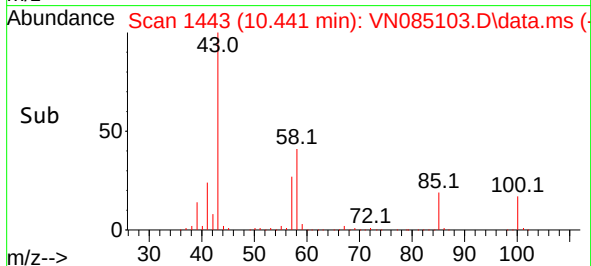
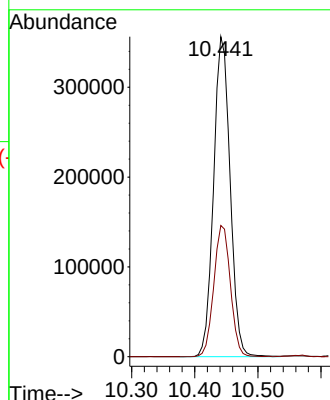
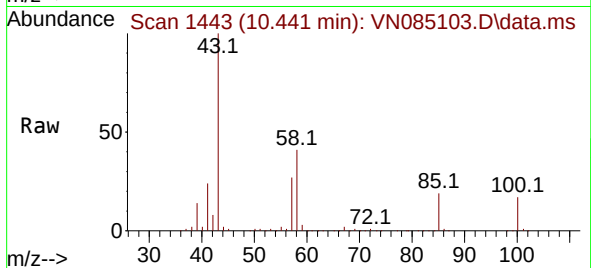




#51
4-Methyl-2-Pentanone
Concen: 308.617 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

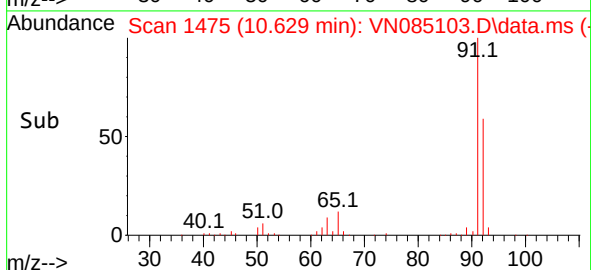
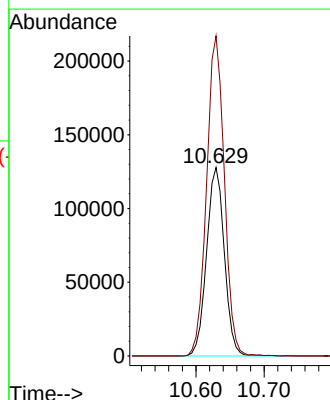
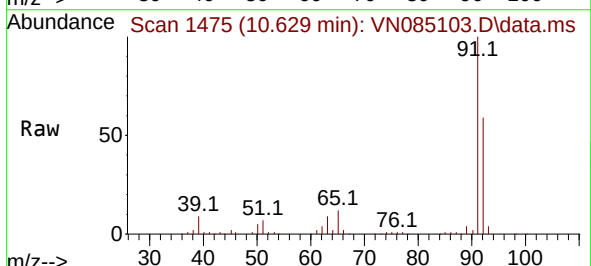
Instrument :
MSVOA_N
ClientSampleId :

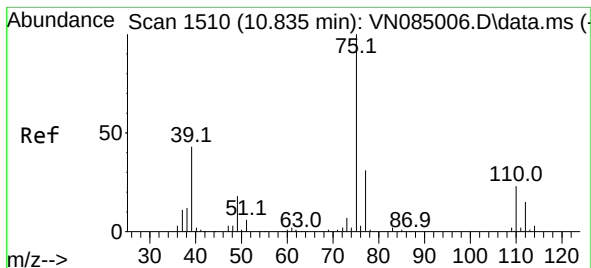
Tgt Ion: 43 Resp: 648294
Ion Ratio Lower Upper
43 100
58 41.2 32.1 48.1



#52
Toluene
Concen: 50.803 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

Tgt Ion: 92 Resp: 231668
Ion Ratio Lower Upper
92 100
91 169.7 136.7 205.1

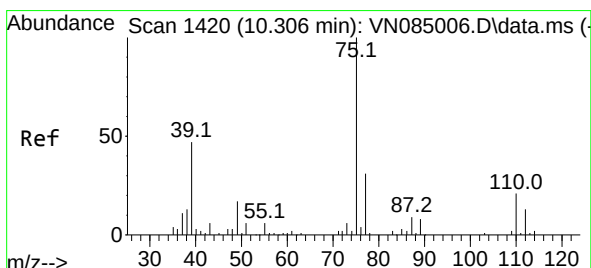
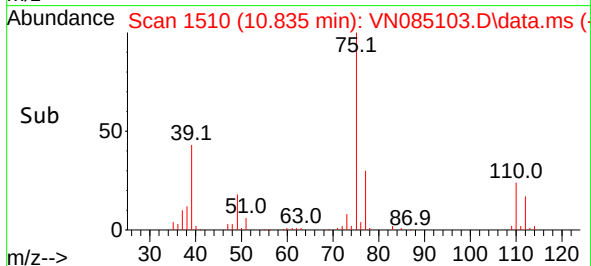
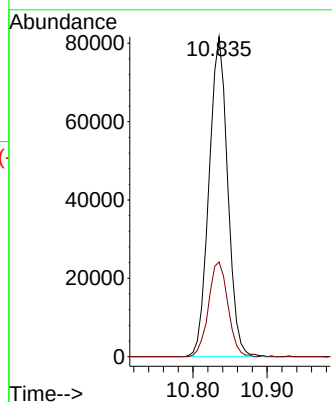
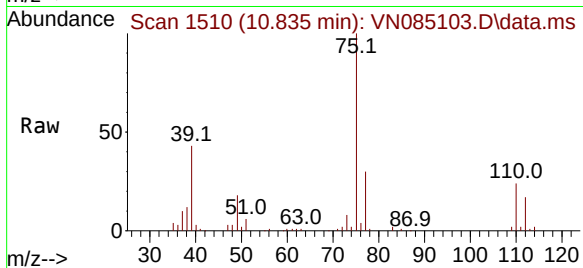




#53
 t-1,3-Dichloropropene
 Concen: 51.061 ug/l
 RT: 10.835 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN085103.D
 Acq: 04 Dec 2024 18:49

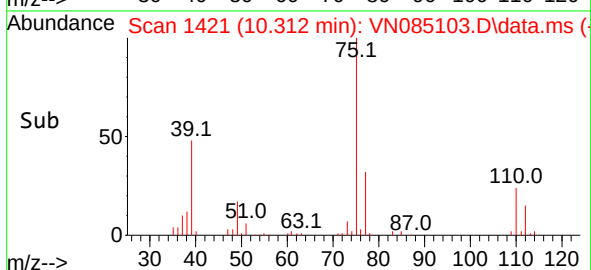
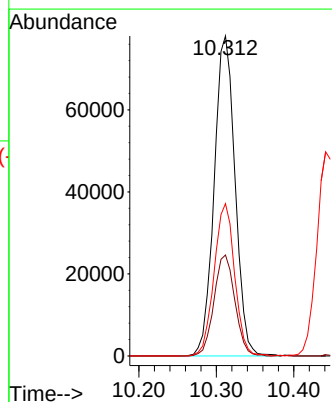
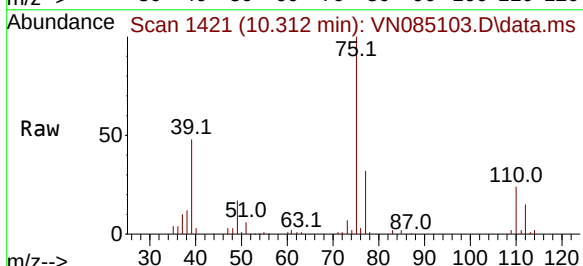
Instrument :
 MSVOA_N
 ClientSampleId :

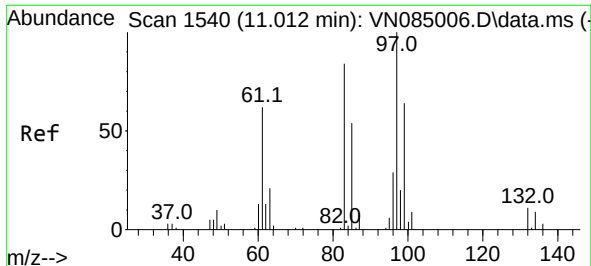
Tgt Ion: 75 Resp: 143034
 Ion Ratio Lower Upper
 75 100
 77 29.6 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 49.273 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VN085103.D
 Acq: 04 Dec 2024 18:49

Tgt Ion: 75 Resp: 146430
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.0 37.4
 39 47.6 37.6 56.4



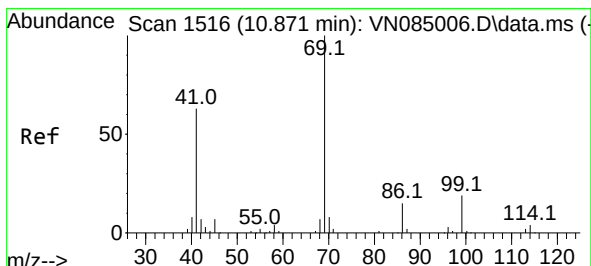
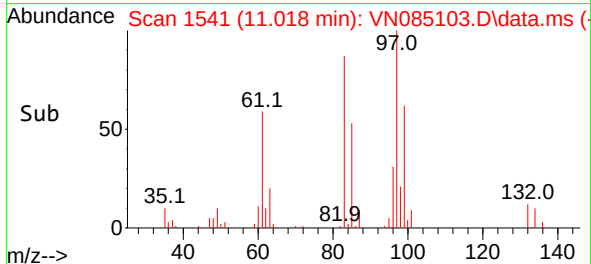
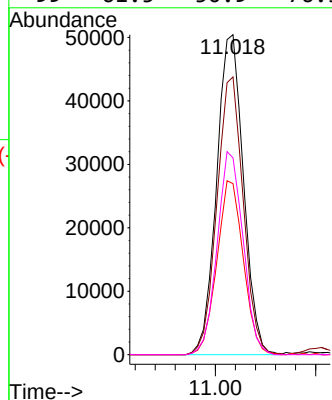
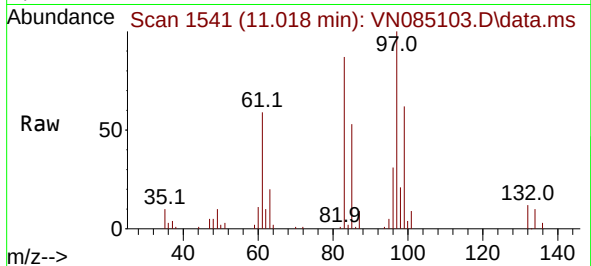


#55
1,1,2-Trichloroethane
Concen: 55.099 ug/l
RT: 11.018 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 97 Resp: 93588

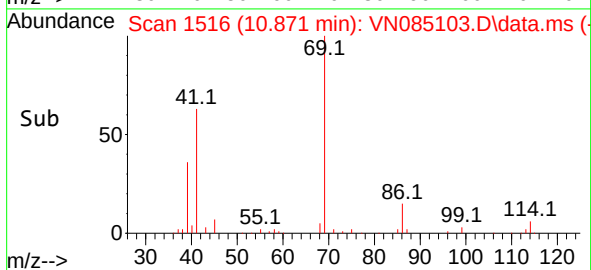
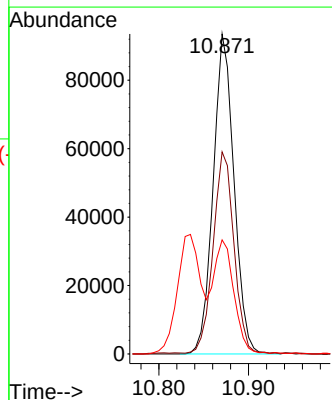
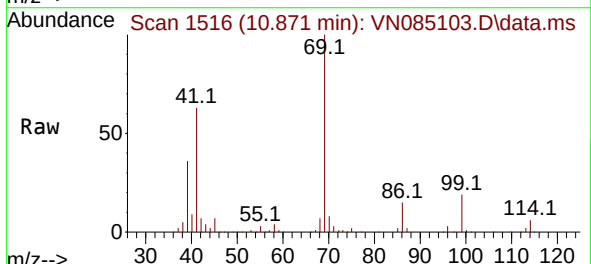
Ion	Ratio	Lower	Upper
97	100		
83	86.8	67.4	101.2
85	53.4	43.1	64.7
99	61.5	50.9	76.3

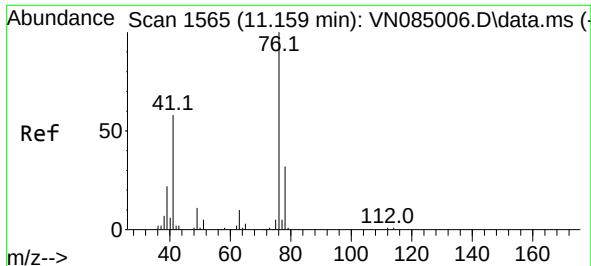


#56
Ethyl methacrylate
Concen: 60.707 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

Tgt Ion: 69 Resp: 150674

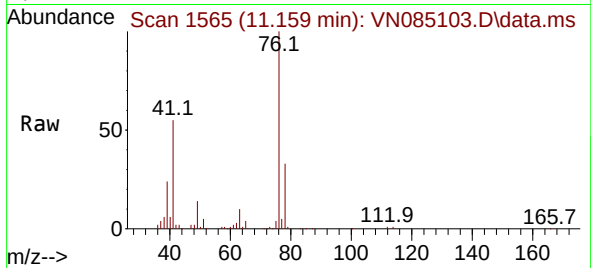
Ion	Ratio	Lower	Upper
69	100		
41	62.7	50.0	75.0
39	35.1	27.0	40.6



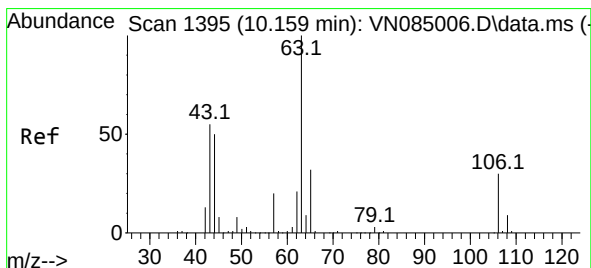
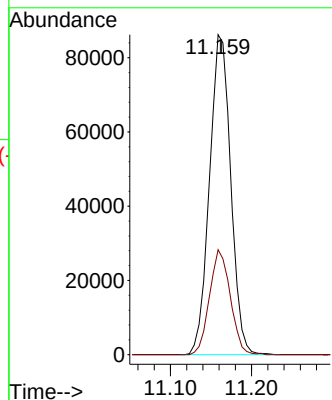
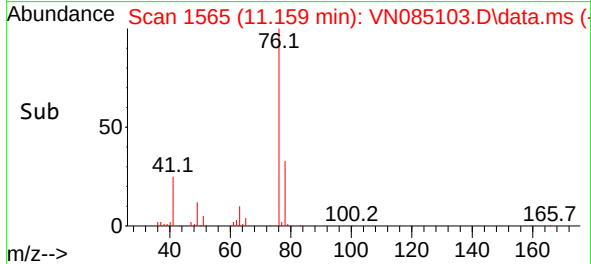


#57
1,3-Dichloropropane
Concen: 52.392 ug/l
RT: 11.159 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

Instrument :
MSVOA_N
ClientSampleId :

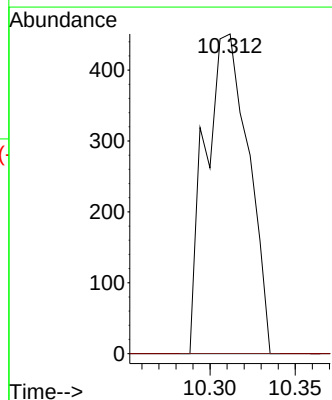
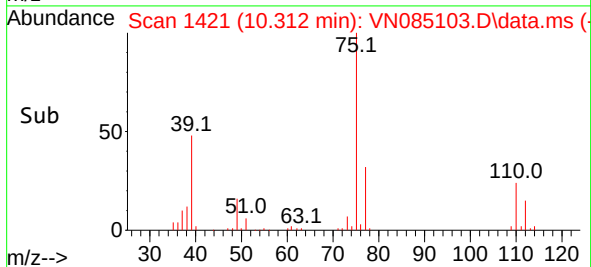
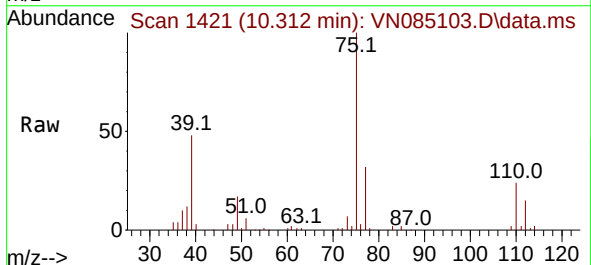


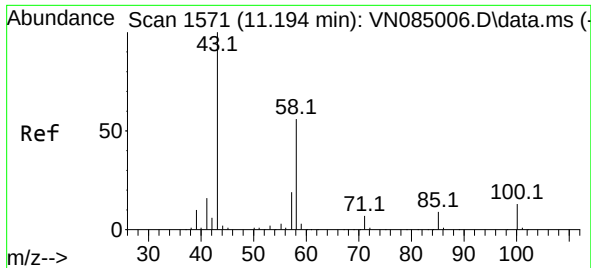
Tgt Ion: 76 Resp: 156621
Ion Ratio Lower Upper
76 100
78 32.1 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 0.654 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.153 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

Tgt Ion: 63 Resp: 796
Ion Ratio Lower Upper
63 100
106 0.0 23.0 34.6#

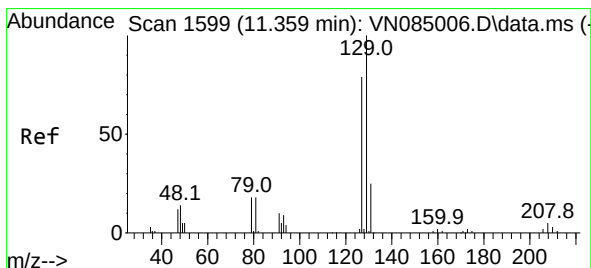
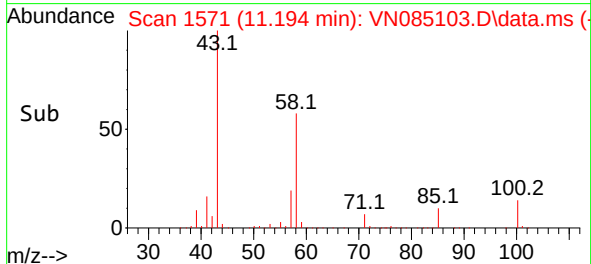
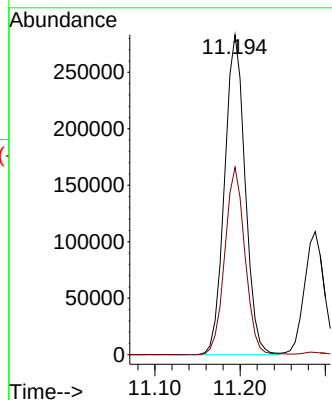
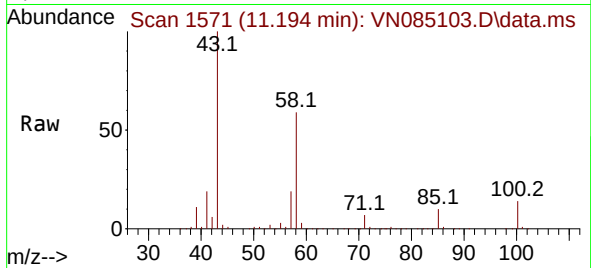




#59
2-Hexanone
Concen: 301.801 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

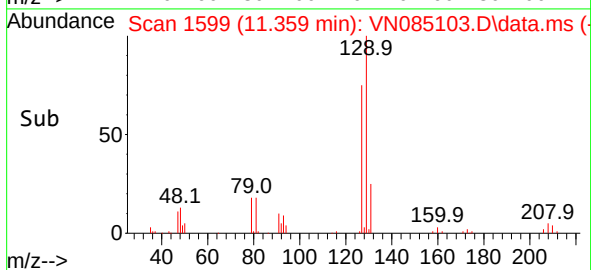
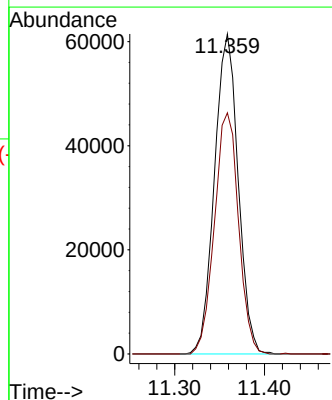
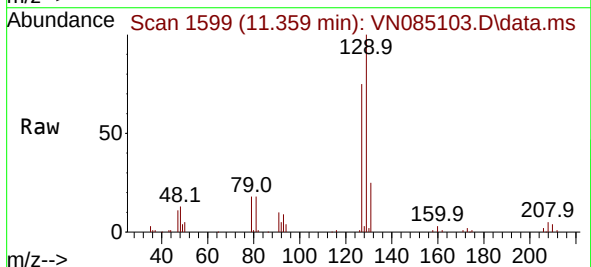
Instrument :
MSVOA_N
ClientSampleId :

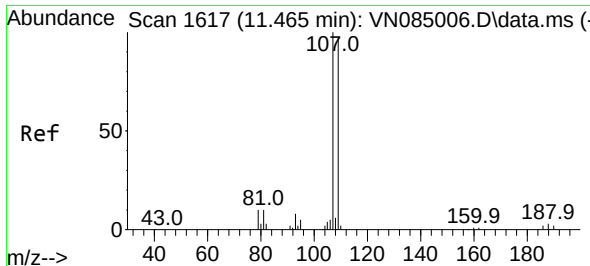
Tgt Ion: 43 Resp: 474154
Ion Ratio Lower Upper
43 100
58 57.4 28.3 85.0



#60
Dibromochloromethane
Concen: 54.302 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

Tgt Ion:129 Resp: 112723
Ion Ratio Lower Upper
129 100
127 76.5 39.2 117.6

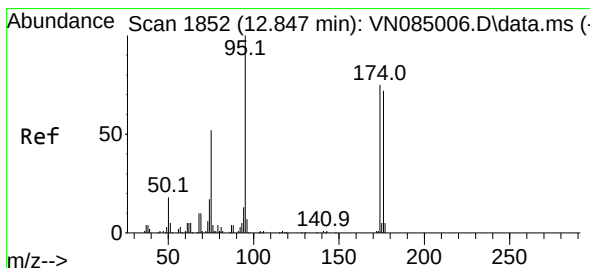
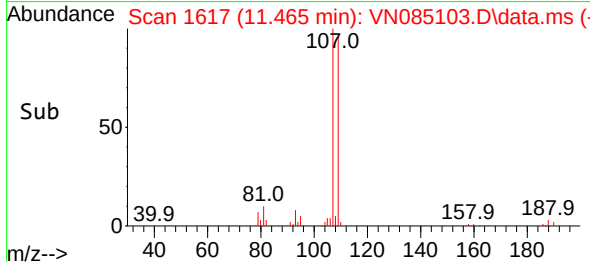
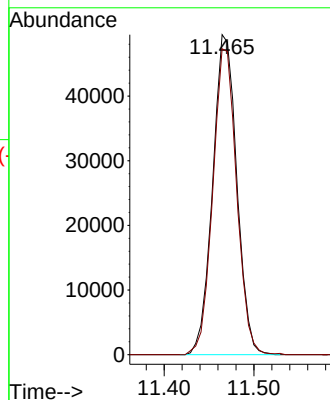
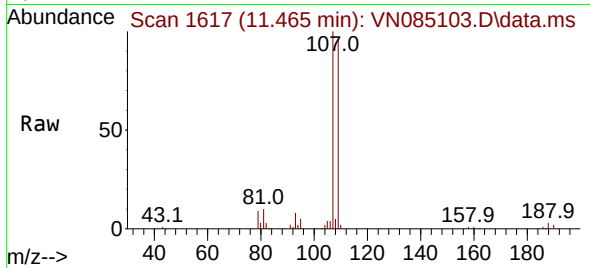




#61
1,2-Dibromoethane
Concen: 52.528 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

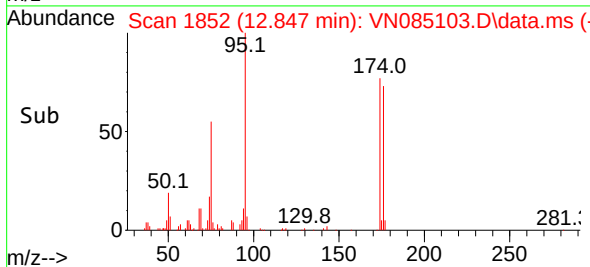
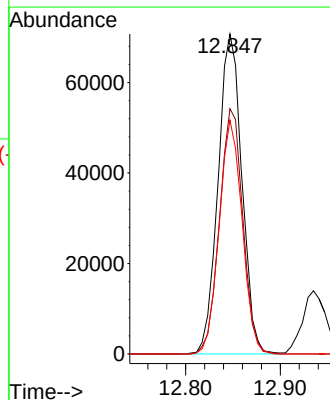
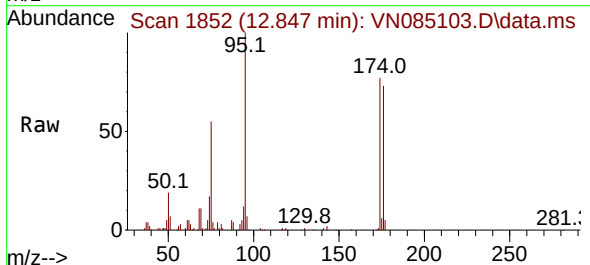
Instrument :
MSVOA_N
ClientSampleId :

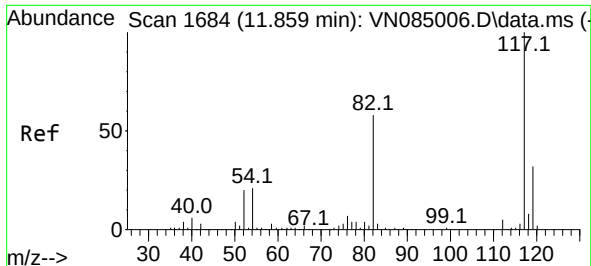
Tgt Ion:107 Resp: 92337
Ion Ratio Lower Upper
107 100
109 94.6 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 51.214 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

Tgt Ion: 95 Resp: 123416
Ion Ratio Lower Upper
95 100
174 75.1 0.0 146.6
176 70.5 0.0 141.8

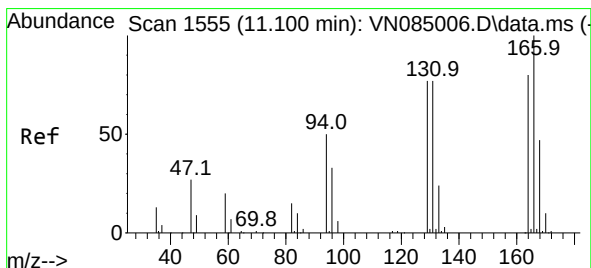
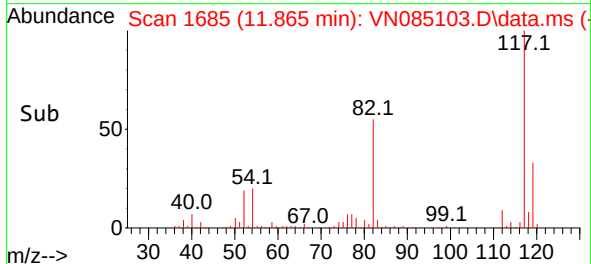
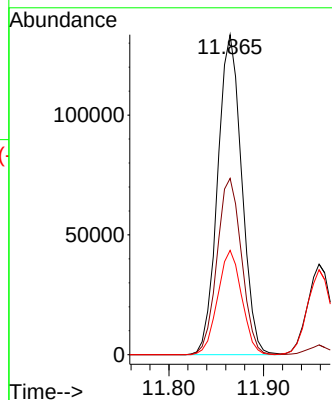
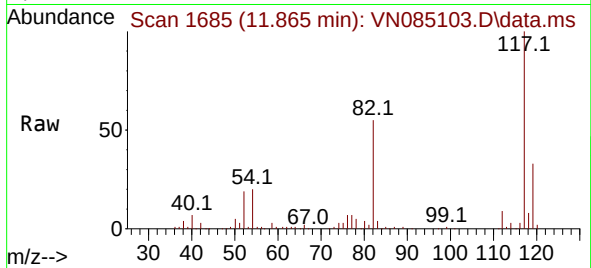




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

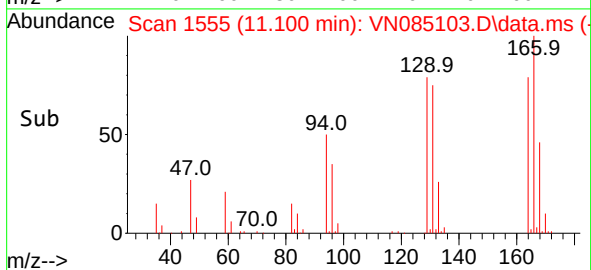
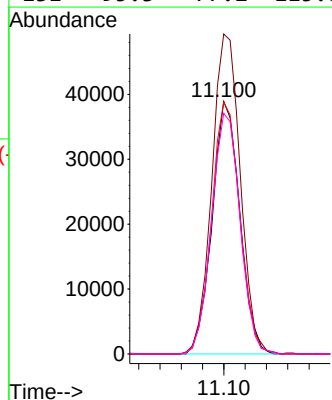
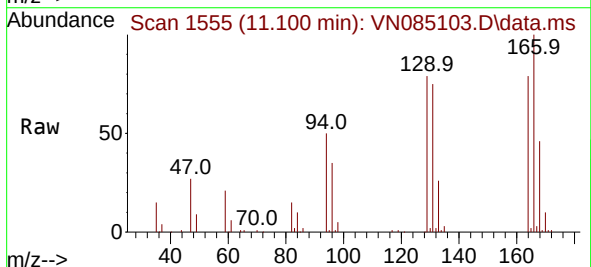
Instrument :
MSVOA_N
ClientSampleId :

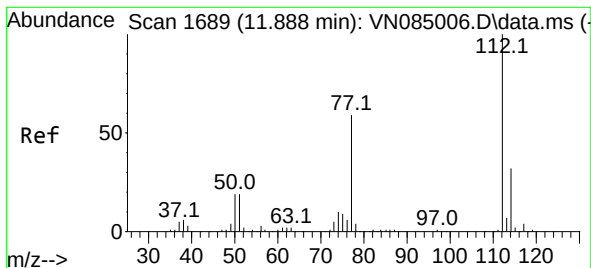
Tgt Ion:117 Resp: 236037
Ion Ratio Lower Upper
117 100
82 55.1 46.0 69.0
119 32.6 25.6 38.4



#64
Tetrachloroethene
Concen: 44.164 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

Tgt Ion:164 Resp: 70242
Ion Ratio Lower Upper
164 100
166 126.8 100.6 151.0
129 99.8 77.7 116.5
131 95.3 77.2 115.8





#65

Chlorobenzene

Concen: 47.815 ug/l

RT: 11.888 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN085103.D

Acq: 04 Dec 2024 18:49

Instrument :

MSVOA_N

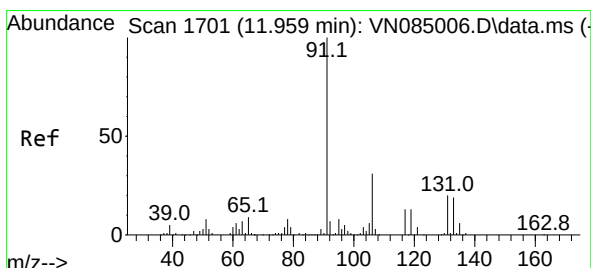
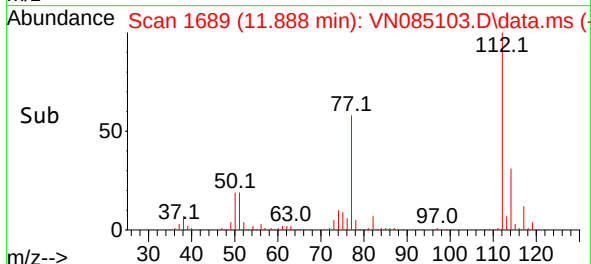
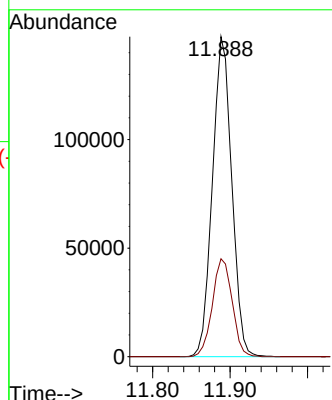
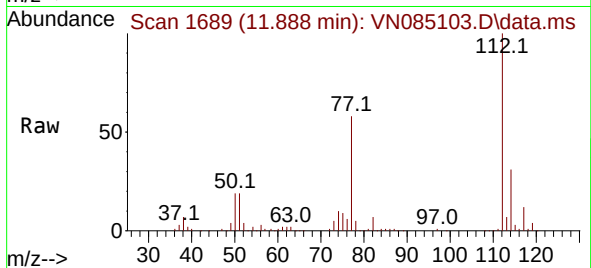
ClientSampleId :

Tgt Ion:112 Resp: 255953

Ion Ratio Lower Upper

112 100

114 30.6 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 50.775 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN085103.D

Acq: 04 Dec 2024 18:49

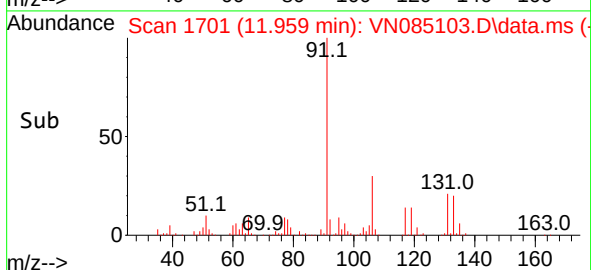
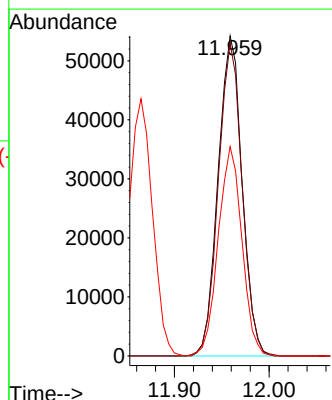
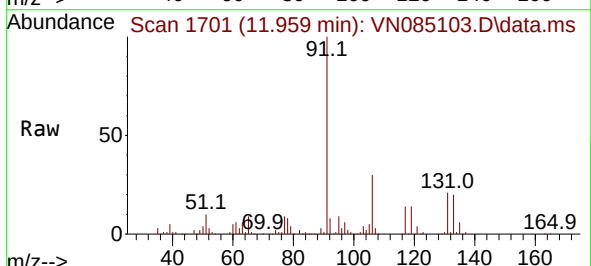
Tgt Ion:131 Resp: 95698

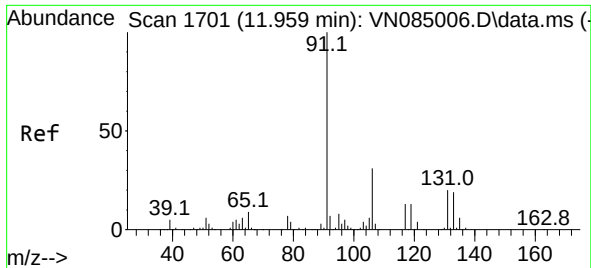
Ion Ratio Lower Upper

131 100

133 96.6 47.8 143.4

119 64.6 32.1 96.3

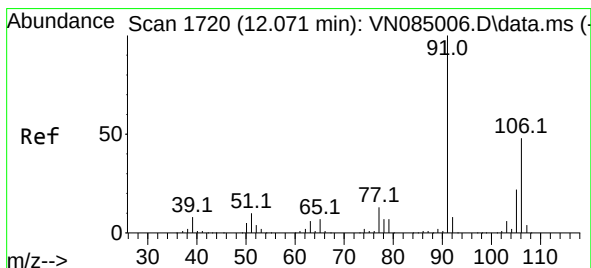
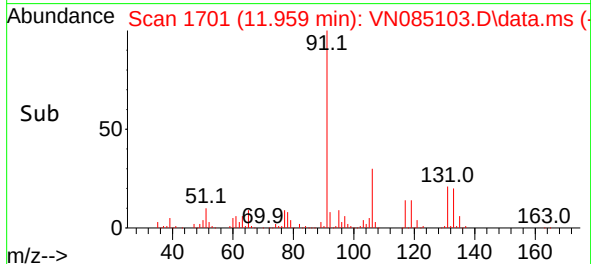
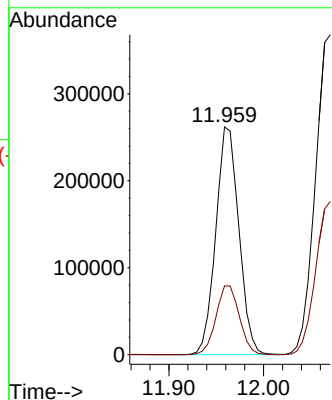
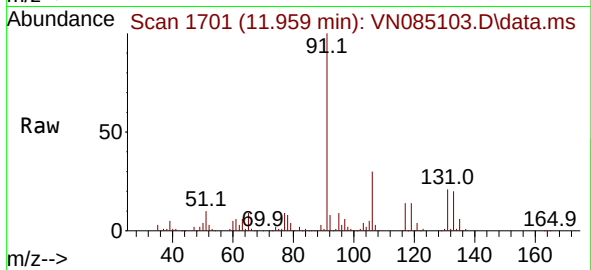




#67
Ethyl Benzene
Concen: 51.188 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

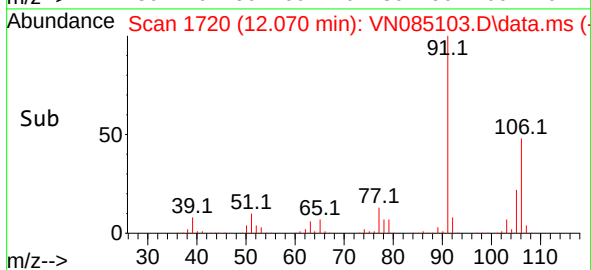
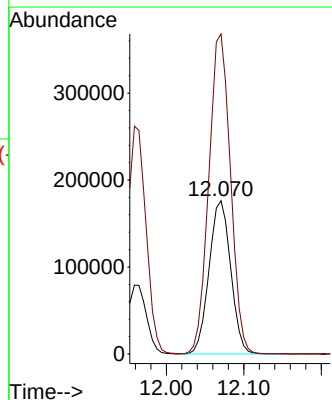
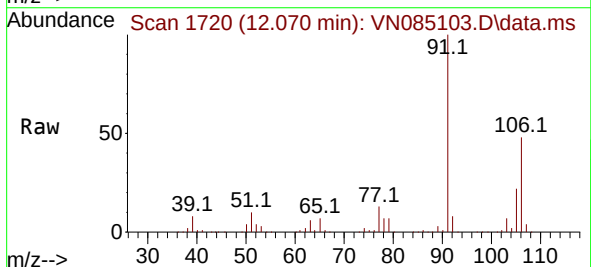
Instrument :
MSVOA_N
ClientSampleId :

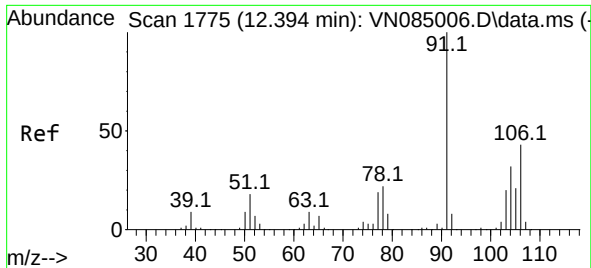
Tgt Ion: 91 Resp: 444549
Ion Ratio Lower Upper
91 100
106 30.2 24.7 37.1



#68
m/p-Xylenes
Concen: 103.293 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

Tgt Ion:106 Resp: 341529
Ion Ratio Lower Upper
106 100
91 209.7 168.0 252.0

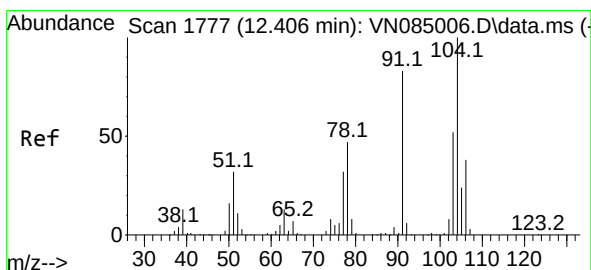
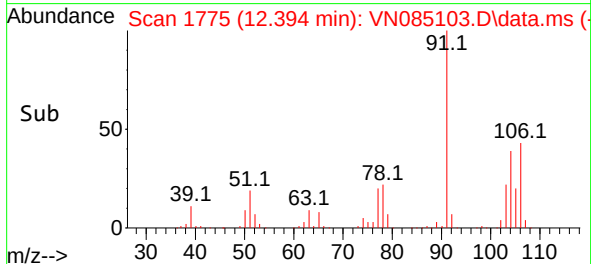
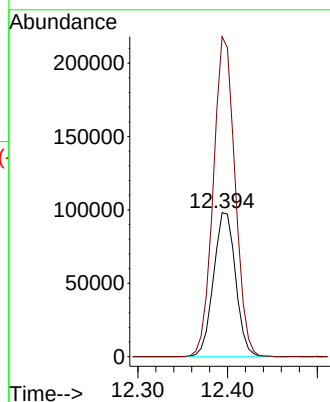
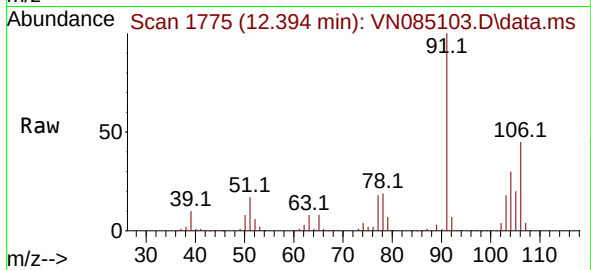




#69
o-Xylene
Concen: 53.321 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

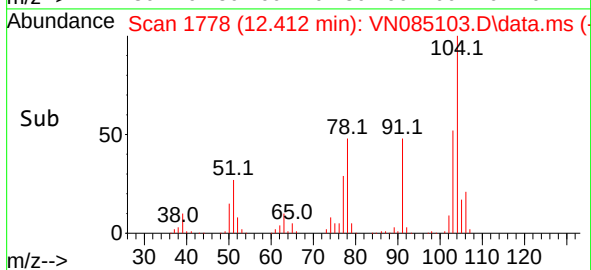
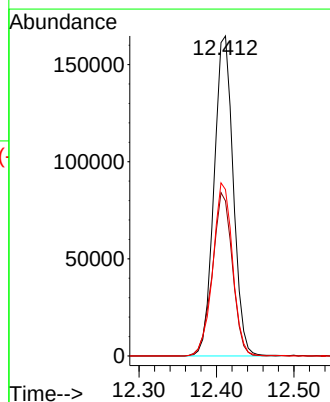
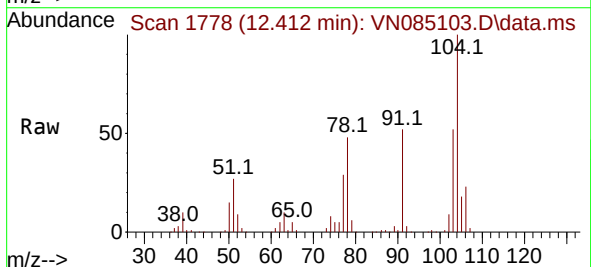
Instrument :
MSVOA_N
ClientSampleId :

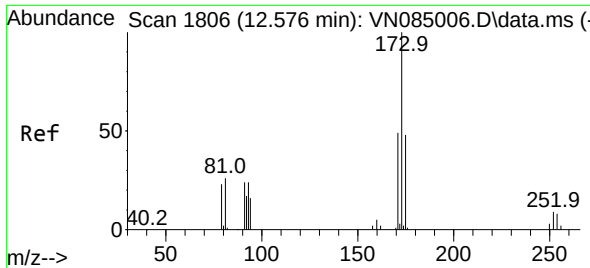
Tgt Ion:106 Resp: 167704
Ion Ratio Lower Upper
106 100
91 219.2 110.7 331.9



#70
Styrene
Concen: 54.207 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

Tgt Ion:104 Resp: 283523
Ion Ratio Lower Upper
104 100
78 53.1 42.3 63.5
103 55.4 44.2 66.2

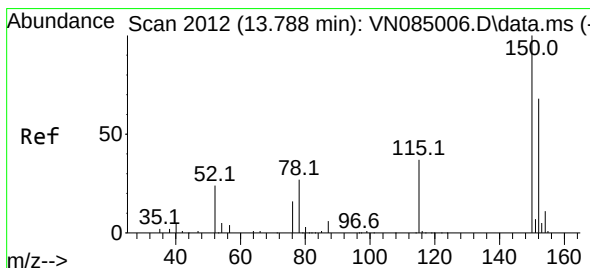
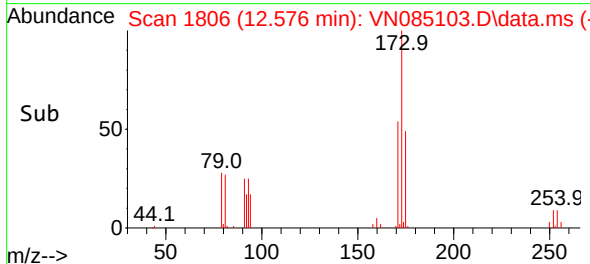
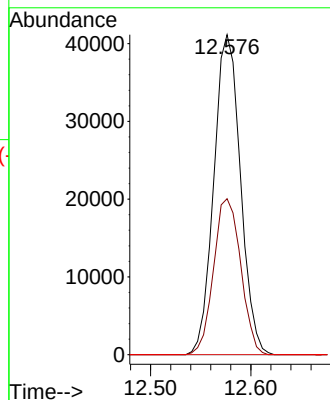
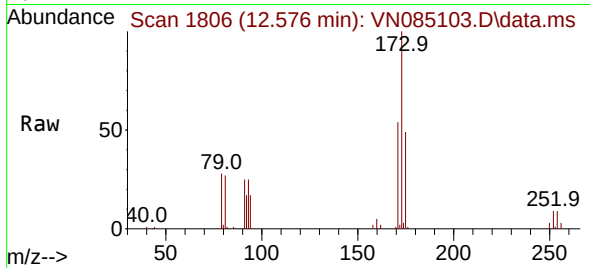




#71
Bromoform
Concen: 54.160 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

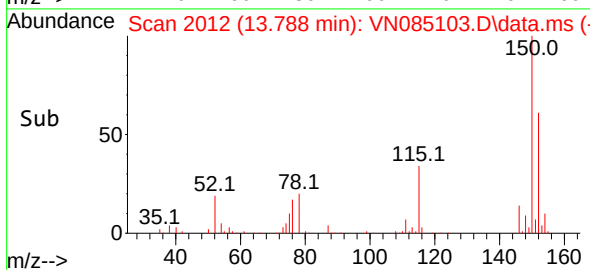
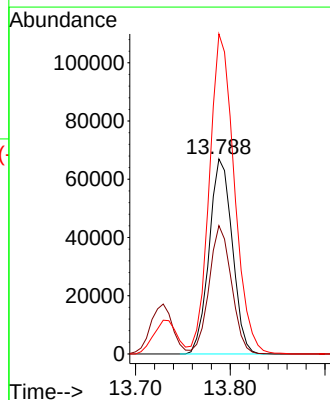
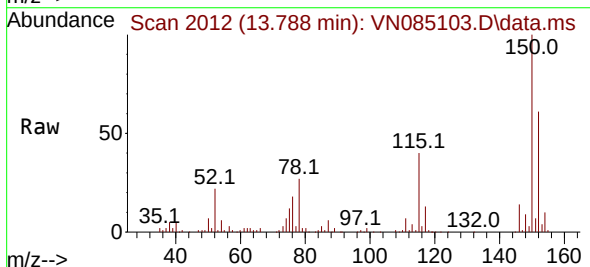
Instrument :
MSVOA_N
ClientSampleId :

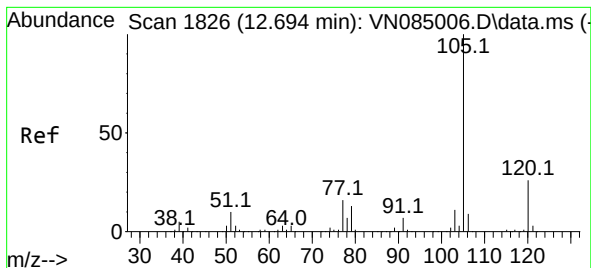
Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.7	23.8	71.2
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.5	31.7	95.1
150	177.4	0.0	351.4





#73

Isopropylbenzene

Concen: 53.451 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN085103.D

Acq: 04 Dec 2024 18:49

Instrument :

MSVOA_N

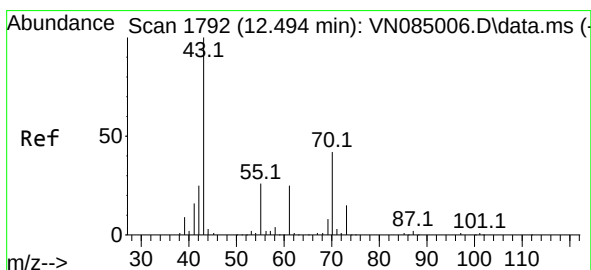
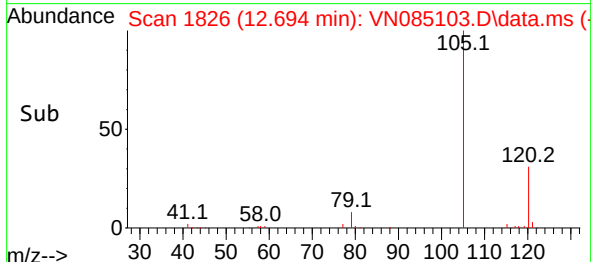
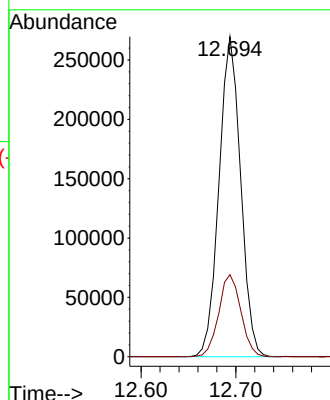
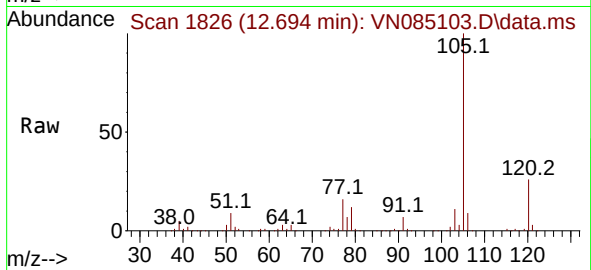
ClientSampleId :

Tgt Ion:105 Resp: 427756

Ion Ratio Lower Upper

105 100

120 26.2 13.0 39.0



#74

N-ethyl acetate

Concen: 55.928 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN085103.D

Acq: 04 Dec 2024 18:49

Tgt Ion: 43 Resp: 184435

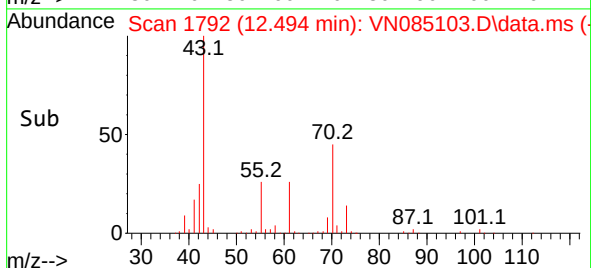
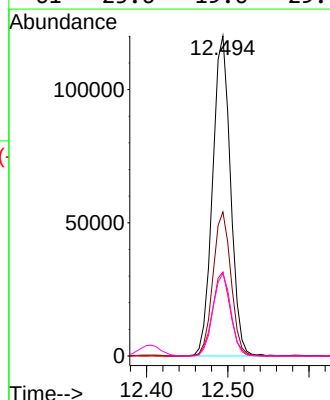
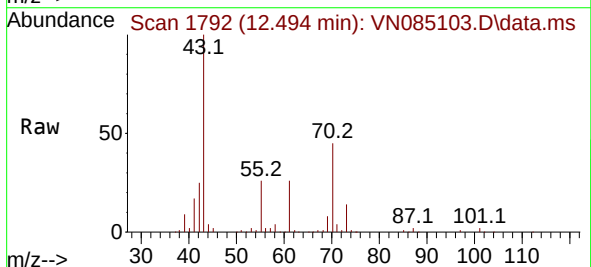
Ion Ratio Lower Upper

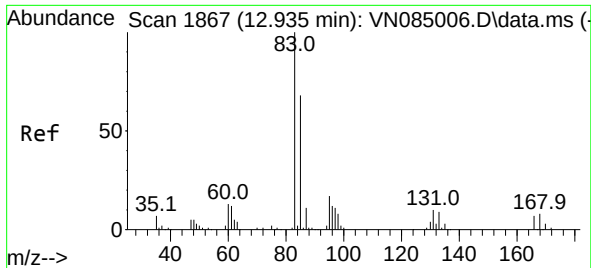
43 100

70 45.1 34.6 51.8

55 26.2 20.5 30.7

61 25.6 19.6 29.4

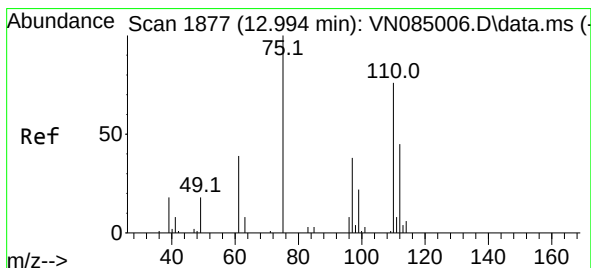
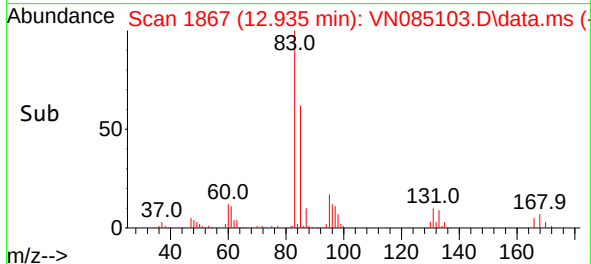
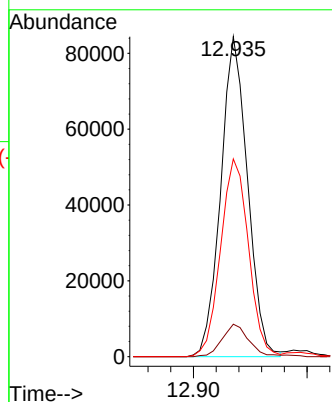
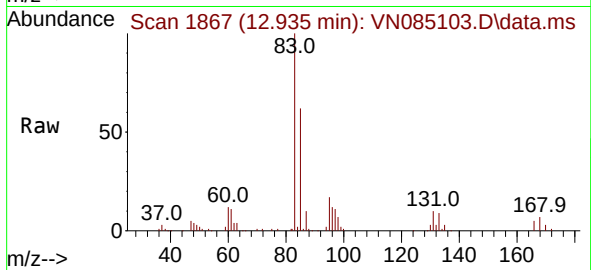




#75
1,1,2,2-Tetrachloroethane
Concen: 50.621 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

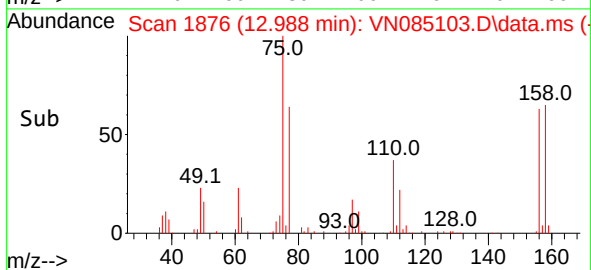
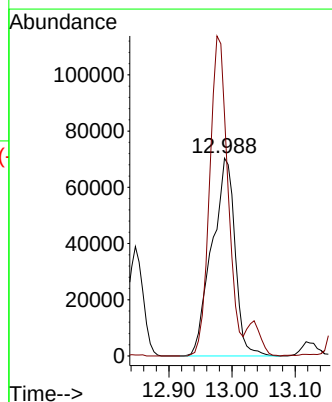
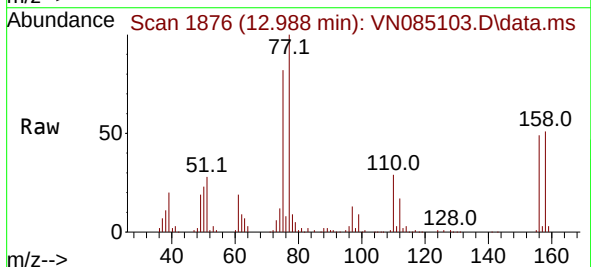
Instrument :
MSVOA_N
ClientSampleId :

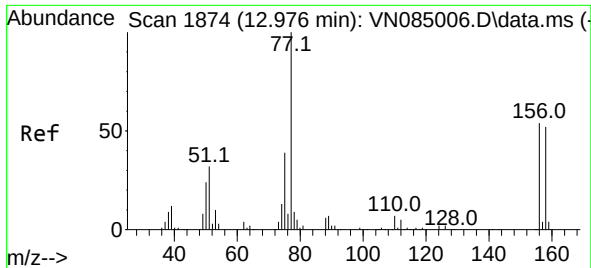
Tgt Ion: 83 Resp: 138336
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.4
85 64.3 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 86.664 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

Tgt Ion: 75 Resp: 178822
Ion Ratio Lower Upper
75 100
77 127.8 109.1 327.4

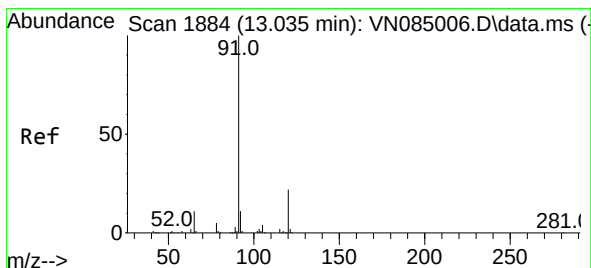
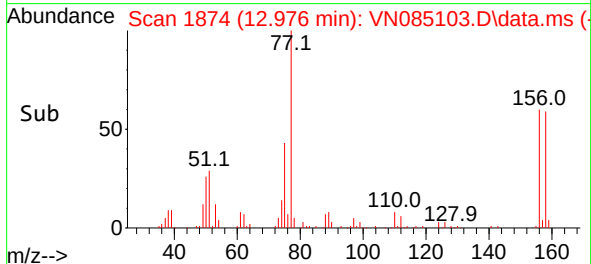
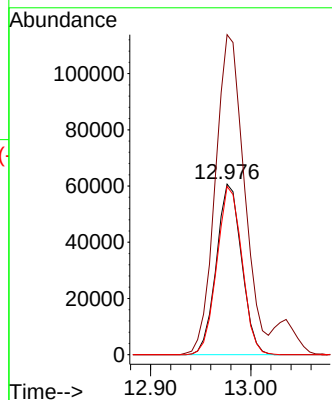
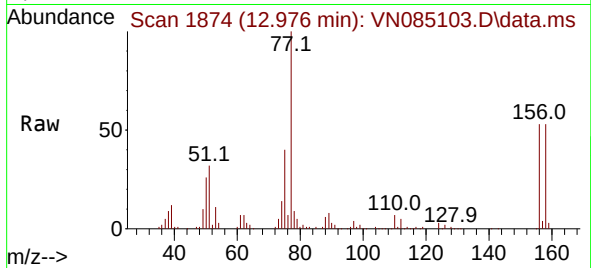




#77
Bromobenzene
Concen: 49.432 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

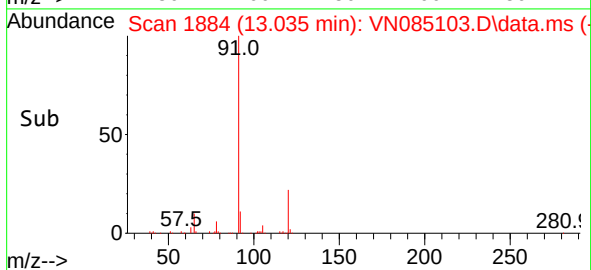
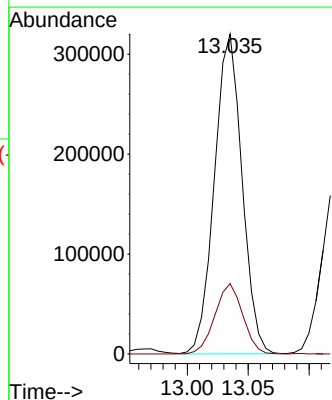
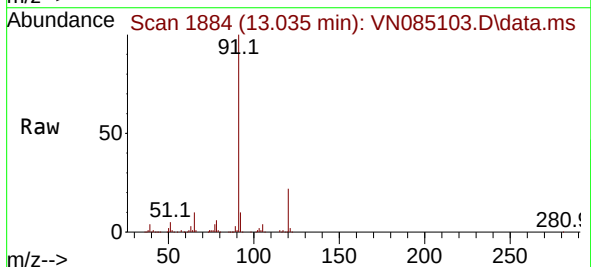
Instrument :
MSVOA_N
ClientSampleId :

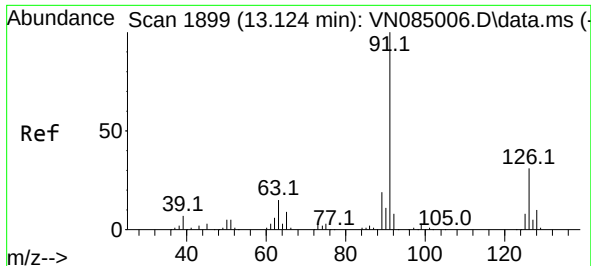
Tgt Ion:156 Resp: 106457
Ion Ratio Lower Upper
156 100
77 214.7 107.2 321.6
158 97.7 48.5 145.6



#78
n-propylbenzene
Concen: 54.725 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

Tgt Ion: 91 Resp: 505144
Ion Ratio Lower Upper
91 100
120 22.1 11.3 33.9

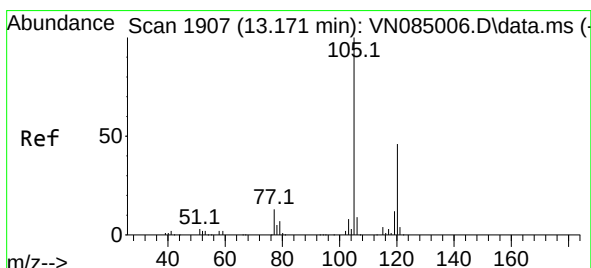
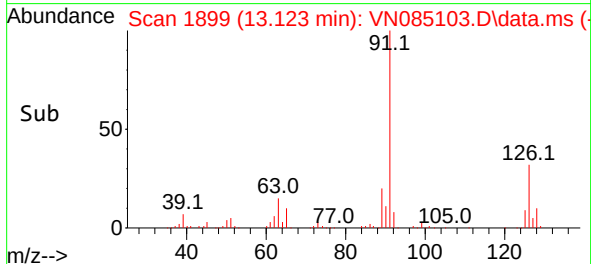
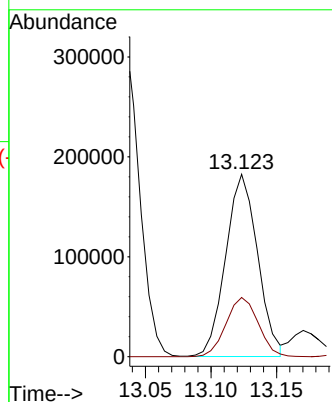
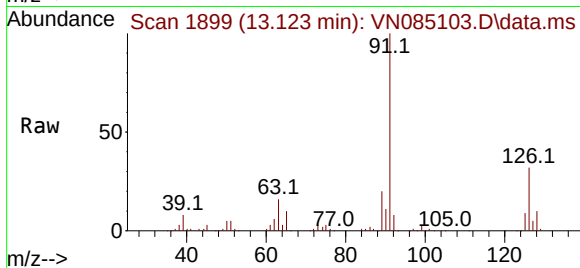




#79
2-Chlorotoluene
Concen: 50.239 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

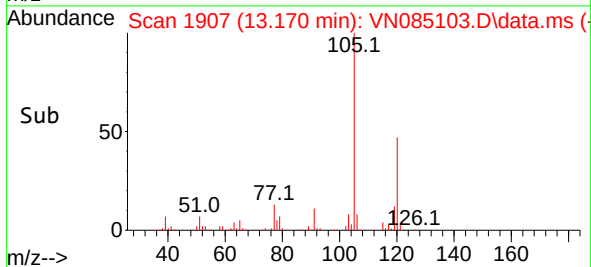
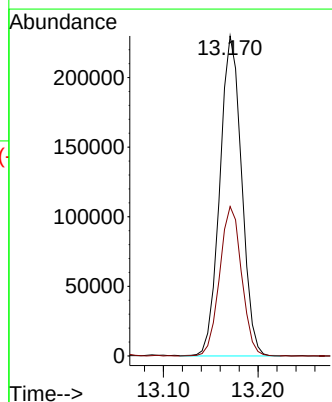
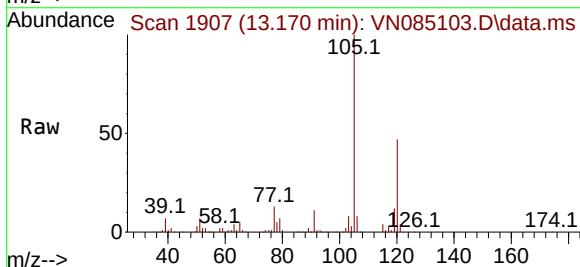
Instrument :
MSVOA_N
ClientSampleId :

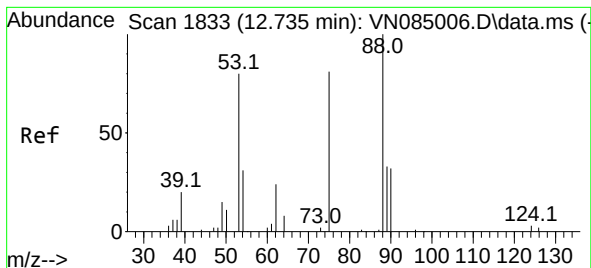
Tgt Ion: 91 Resp: 309565
Ion Ratio Lower Upper
91 100
126 32.7 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 54.826 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

Tgt Ion:105 Resp: 368177
Ion Ratio Lower Upper
105 100
120 47.0 23.6 71.0

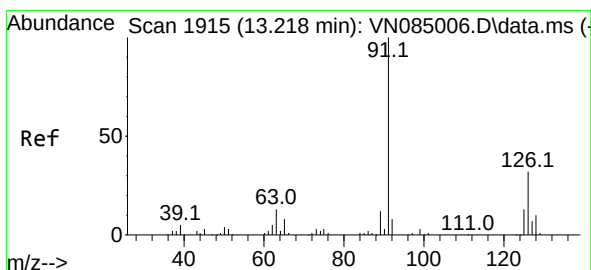
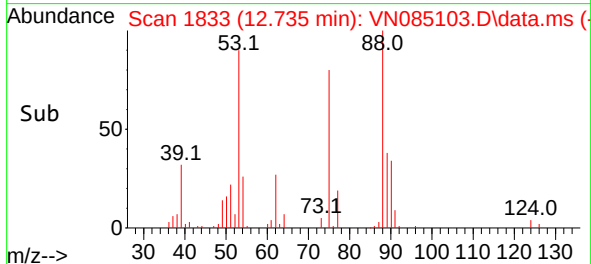
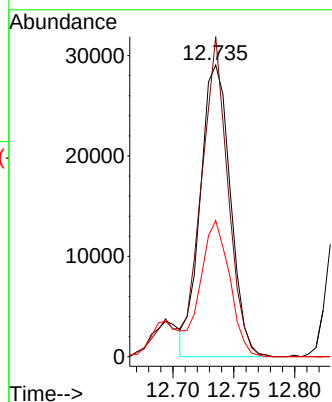
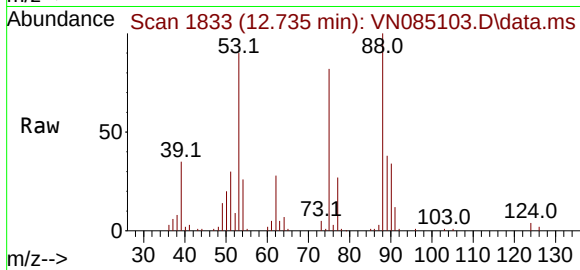




#81
trans-1,4-Dichloro-2-butene
Concen: 53.396 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

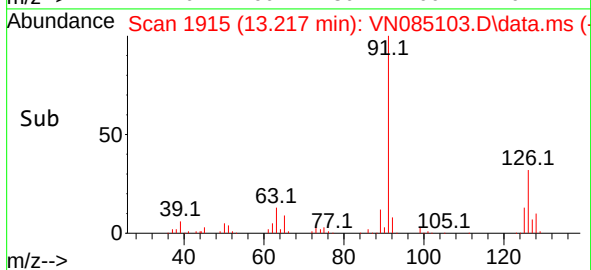
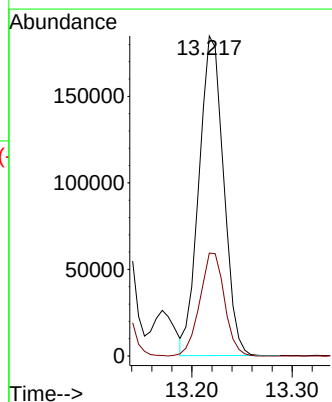
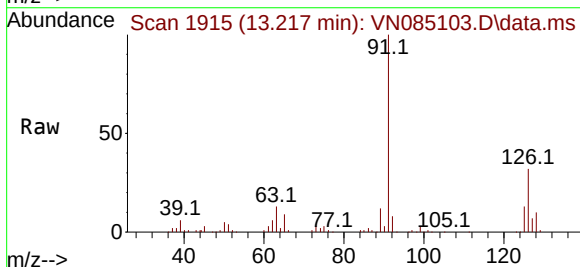
Instrument :
MSVOA_N
ClientSampleId :

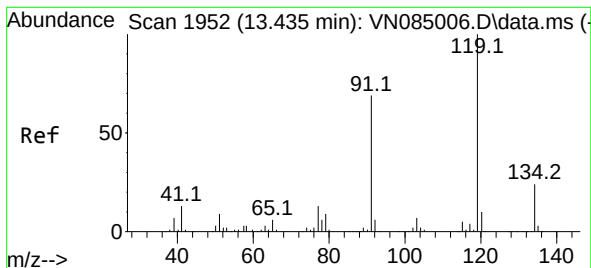
Tgt Ion: 75 Resp: 49909
Ion Ratio Lower Upper
75 100
53 98.6 78.2 117.4
89 45.8 37.9 56.9



#82
4-Chlorotoluene
Concen: 49.210 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

Tgt Ion: 91 Resp: 315657
Ion Ratio Lower Upper
91 100
126 32.2 16.1 48.3





#83

tert-Butylbenzene

Concen: 56.228 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN085103.D

Acq: 04 Dec 2024 18:49

Instrument :

MSVOA_N

ClientSampleId :

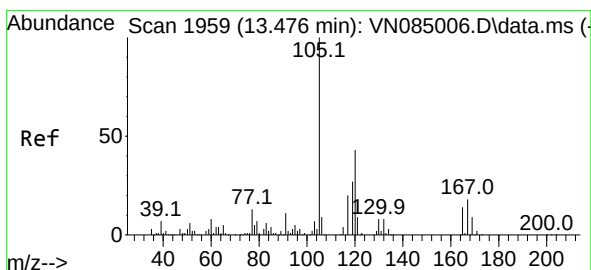
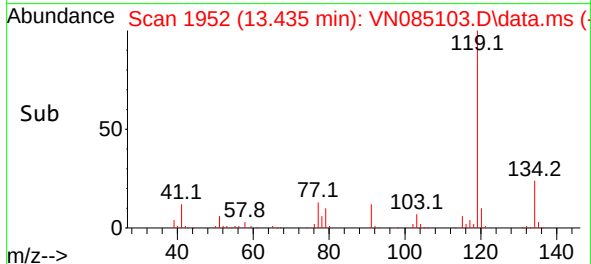
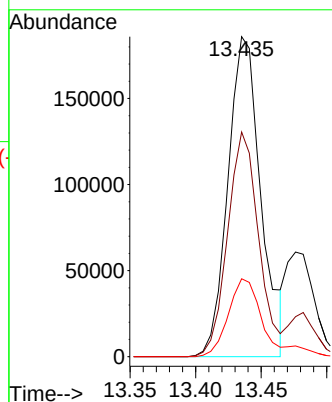
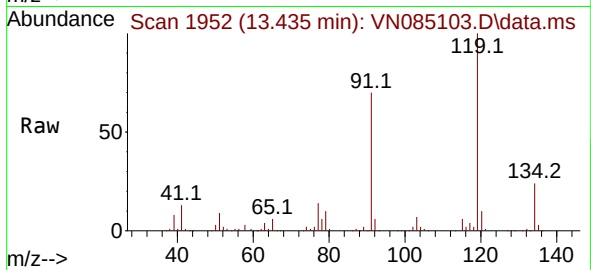
Tgt Ion:119 Resp: 324884

Ion Ratio Lower Upper

119 100

91 66.3 35.1 105.5

134 26.2 12.1 36.3



#84

1,2,4-Trimethylbenzene

Concen: 53.558 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN085103.D

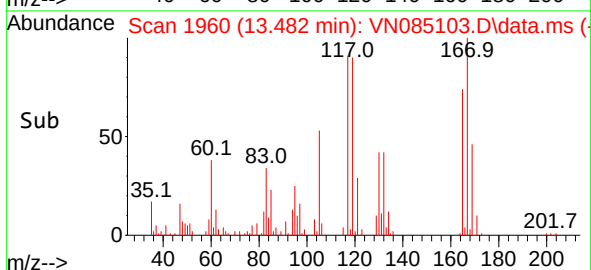
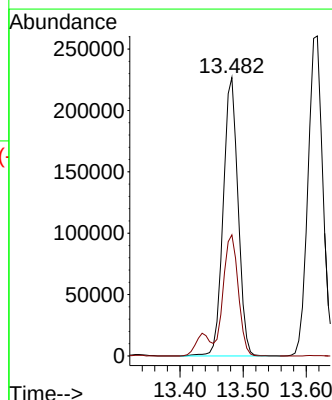
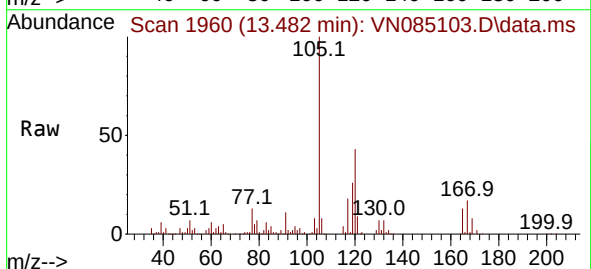
Acq: 04 Dec 2024 18:49

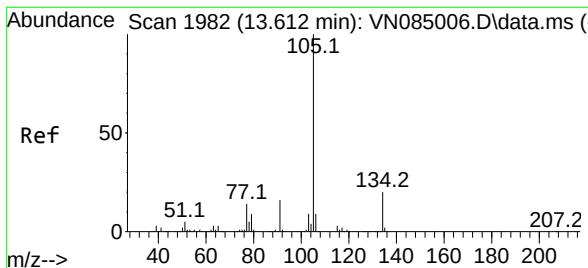
Tgt Ion:105 Resp: 370220

Ion Ratio Lower Upper

105 100

120 43.9 21.8 65.4





#85

sec-Butylbenzene

Concen: 54.480 ug/l

RT: 13.617 min Scan# 1982

Delta R.T. 0.006 min

Lab File: VN085103.D

Acq: 04 Dec 2024 18:49

Instrument :

MSVOA_N

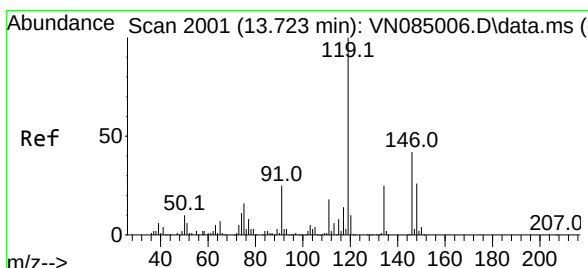
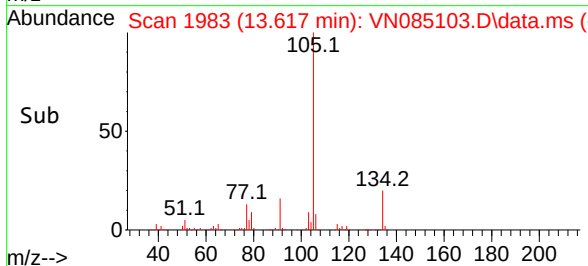
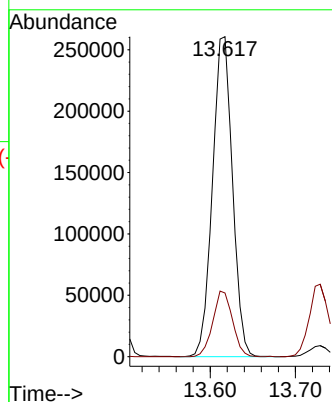
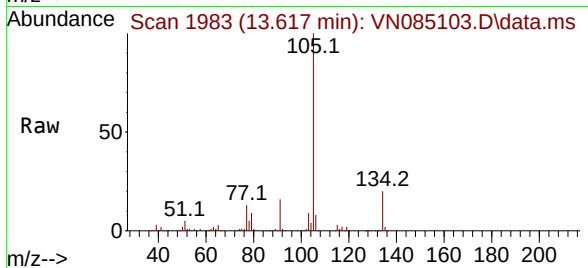
ClientSampleId :

Tgt Ion:105 Resp: 425229

Ion Ratio Lower Upper

105 100

134 20.1 9.8 29.3



#86

p-Isopropyltoluene

Concen: 55.863 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN085103.D

Acq: 04 Dec 2024 18:49

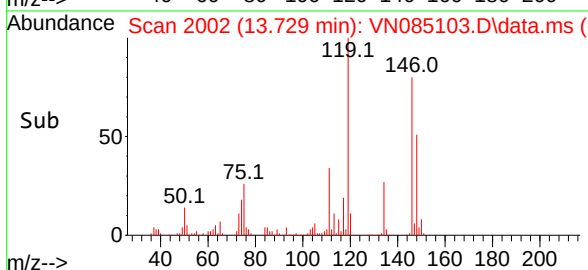
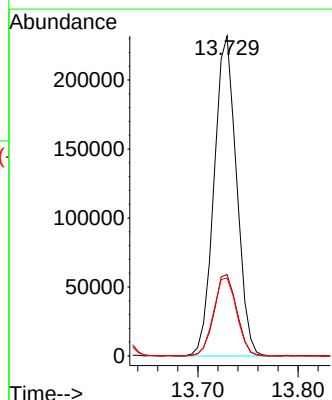
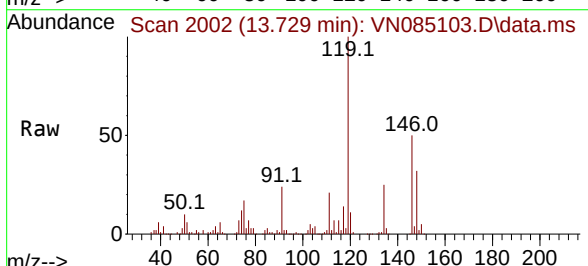
Tgt Ion:119 Resp: 359937

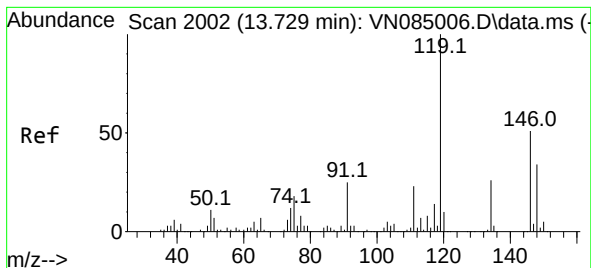
Ion Ratio Lower Upper

119 100

134 25.9 13.0 39.0

91 25.4 12.8 38.4





#87

1,3-Dichlorobenzene

Concen: 44.802 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN085103.D

Acq: 04 Dec 2024 18:49

Instrument :

MSVOA_N

ClientSampleId :

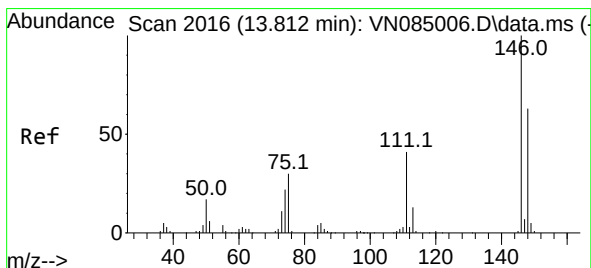
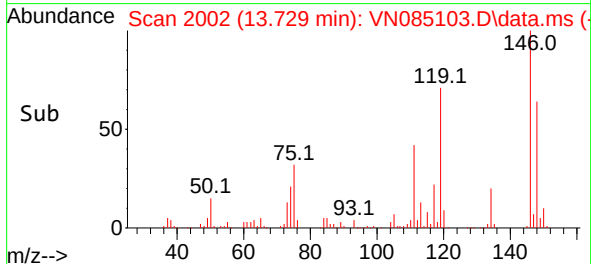
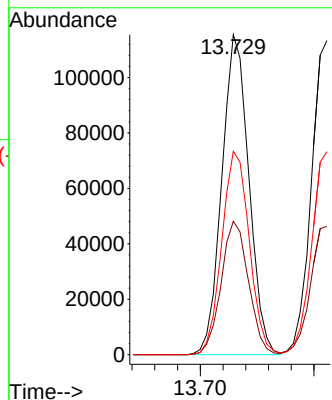
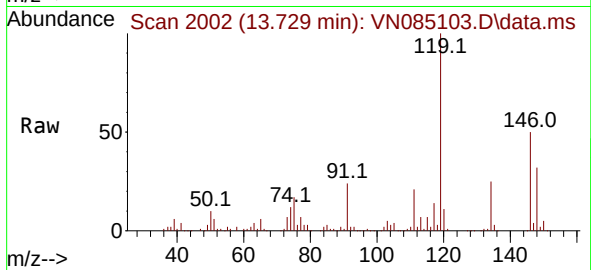
Tgt Ion:146 Resp: 190311

Ion Ratio Lower Upper

146 100

111 42.3 21.6 65.0

148 64.8 32.2 96.6



#88

1,4-Dichlorobenzene

Concen: 44.412 ug/l

RT: 13.811 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN085103.D

Acq: 04 Dec 2024 18:49

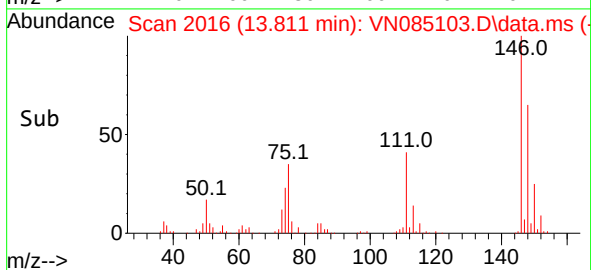
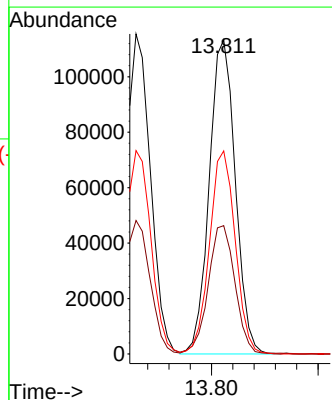
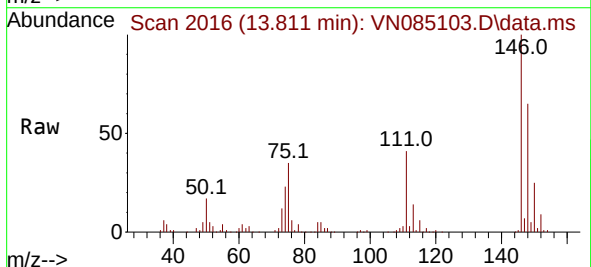
Tgt Ion:146 Resp: 192522

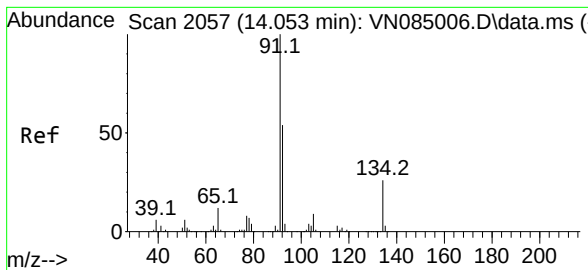
Ion Ratio Lower Upper

146 100

111 41.4 20.9 62.8

148 63.9 31.3 93.9

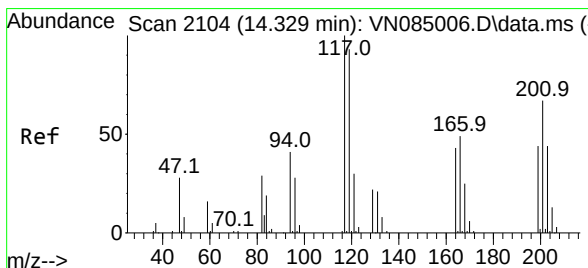
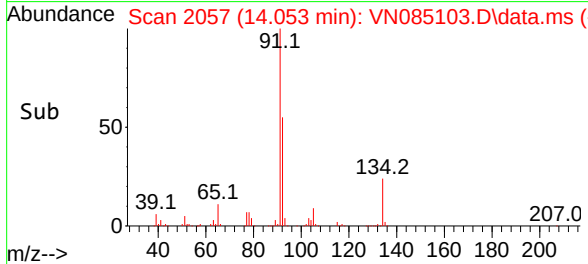
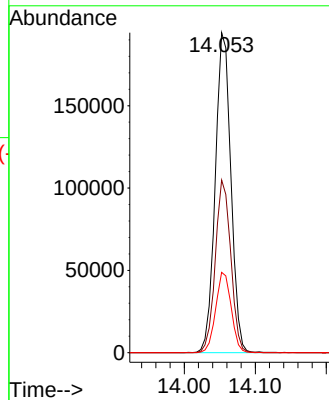
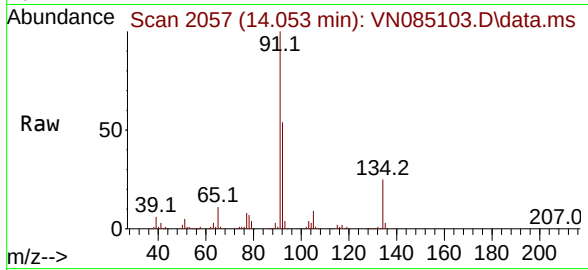




#89
n-Butylbenzene
Concen: 49.524 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

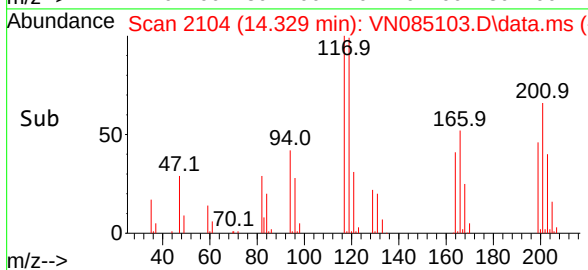
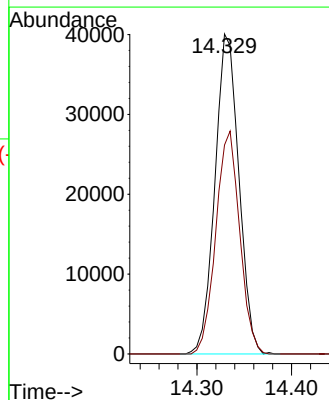
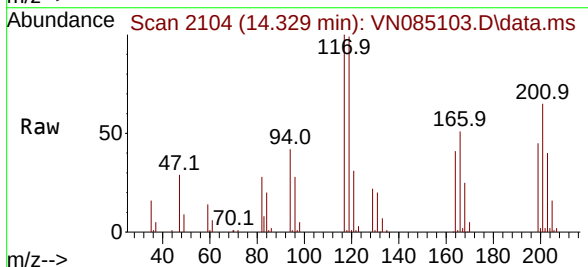
Instrument :
MSVOA_N
ClientSampleId :

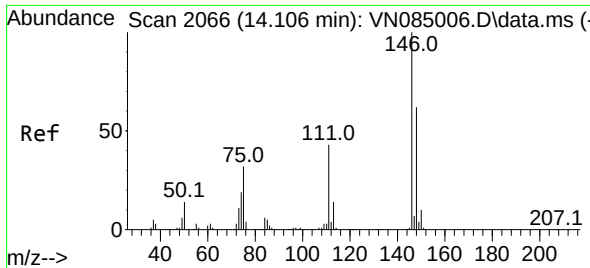
Tgt Ion: 91 Resp: 296746
Ion Ratio Lower Upper
91 100
92 53.4 26.8 80.3
134 24.9 12.8 38.4



#90
Hexachloroethane
Concen: 50.117 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

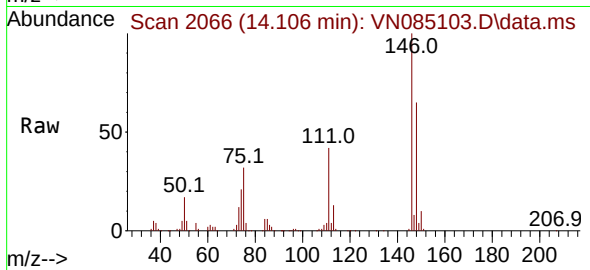
Tgt Ion: 117 Resp: 70387
Ion Ratio Lower Upper
117 100
201 69.5 35.2 105.6



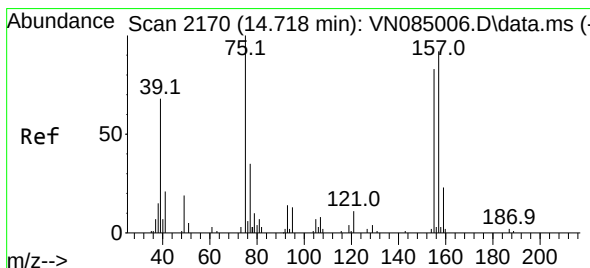
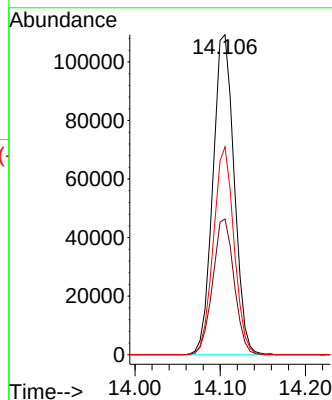
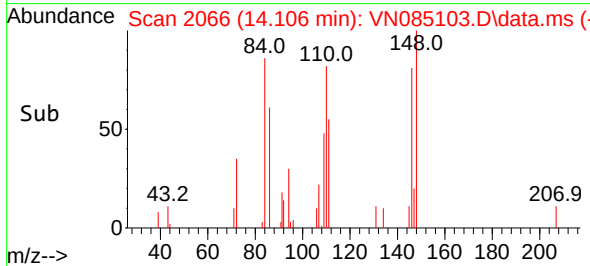


#91
1,2-Dichlorobenzene
Concen: 46.583 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

Instrument :
MSVOA_N
ClientSampleId :

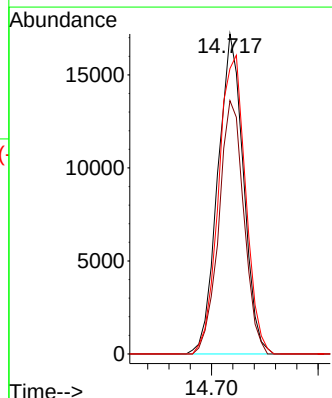
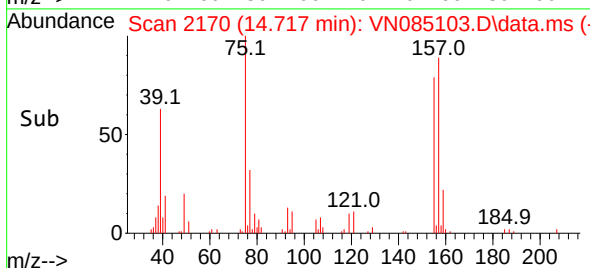
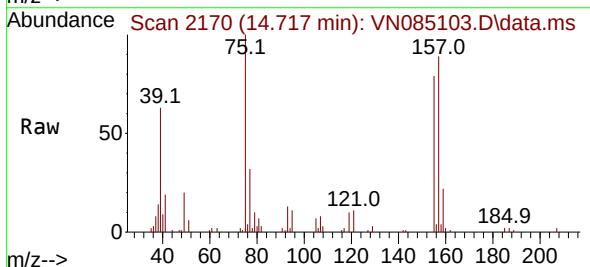


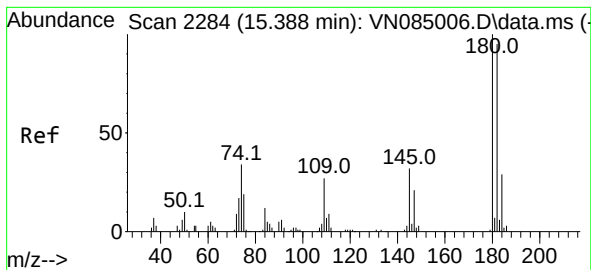
Tgt Ion:146 Resp: 189612
Ion Ratio Lower Upper
146 100
111 42.6 21.9 65.8
148 63.0 31.1 93.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.228 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

Tgt Ion: 75 Resp: 28656
Ion Ratio Lower Upper
75 100
155 77.4 38.9 116.7
157 98.3 48.3 144.9





#93

1,2,4-Trichlorobenzene

Concen: 43.186 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.006 min

Lab File: VN085103.D

Acq: 04 Dec 2024 18:49

Instrument :

MSVOA_N

ClientSampleId :

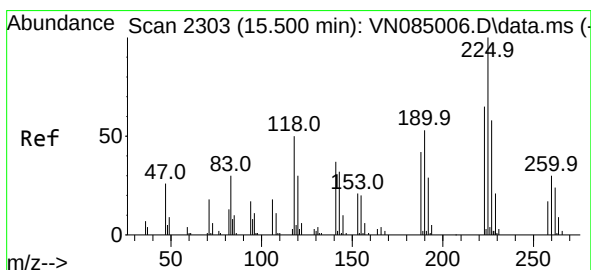
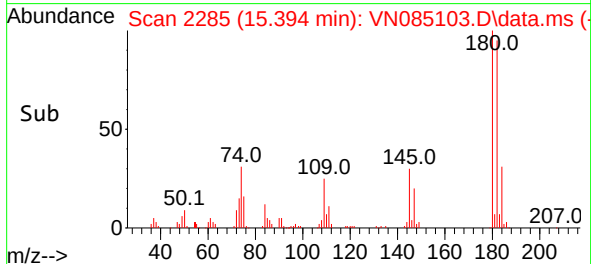
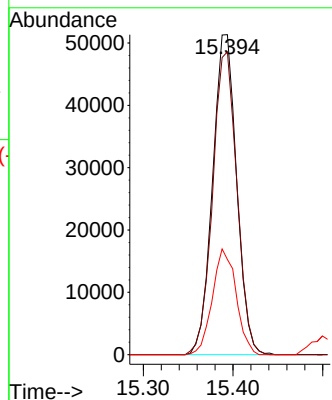
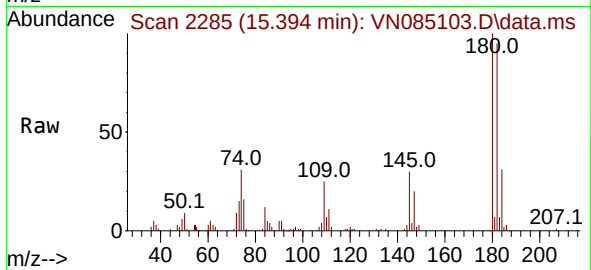
Tgt Ion:180 Resp: 95500

Ion Ratio Lower Upper

180 100

182 95.7 46.9 140.8

145 32.7 16.3 48.8



#94

Hexachlorobutadiene

Concen: 44.870 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN085103.D

Acq: 04 Dec 2024 18:49

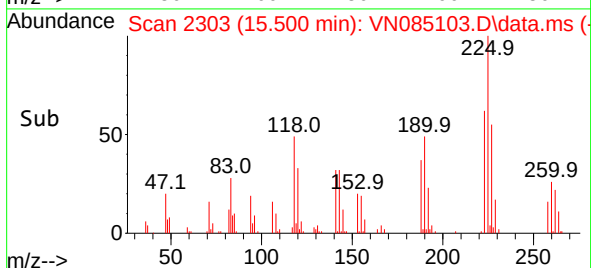
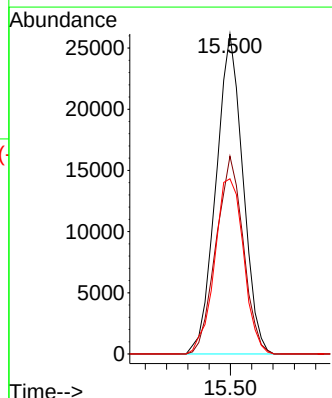
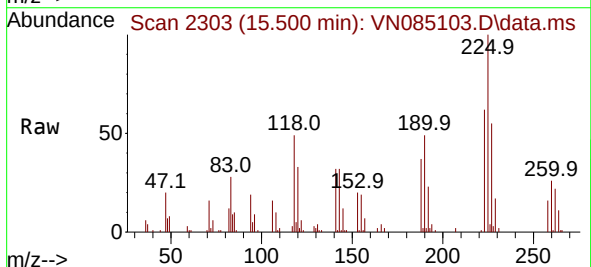
Tgt Ion:225 Resp: 45793

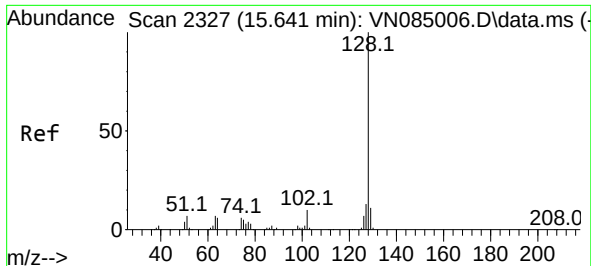
Ion Ratio Lower Upper

225 100

223 62.6 30.9 92.8

227 59.0 31.5 94.5

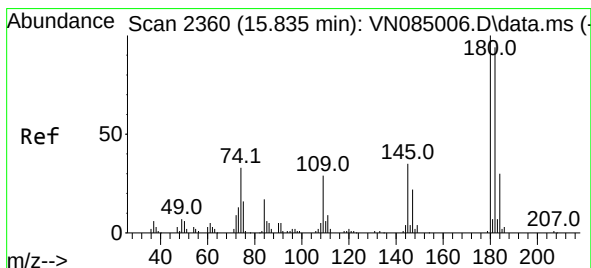
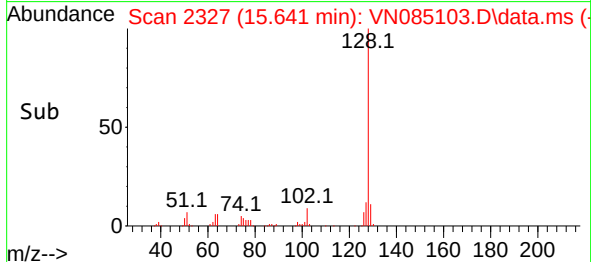
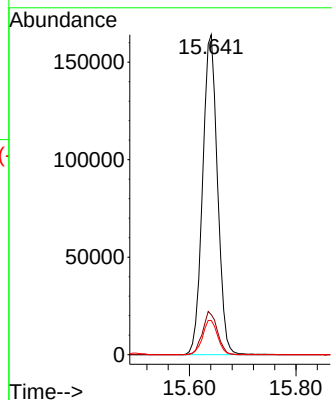
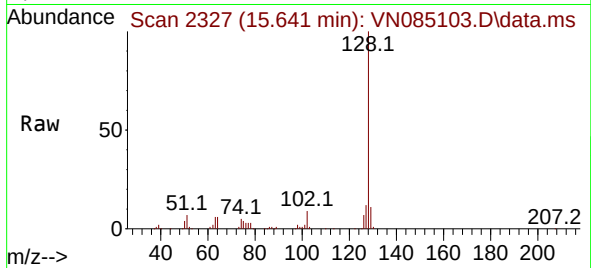




#95
Naphthalene
Concen: 50.424 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 317581
Ion Ratio Lower Upper
128 100
127 13.5 10.6 16.0
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 45.290 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN085103.D
Acq: 04 Dec 2024 18:49

Tgt Ion:180 Resp: 95562
Ion Ratio Lower Upper
180 100
182 95.3 46.4 139.2
145 36.0 17.3 52.0

