

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121224\
 Data File : VN085187.D
 Acq On : 12 Dec 2024 16:29
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 13 04:24:29 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	8.218	168	157264	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	250897	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	222380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	110170	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	100858	45.024	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.040%
35) Dibromofluoromethane	8.159	113	81940	48.429	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.860%
50) Toluene-d8	10.565	98	286244	47.207	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.420%
62) 4-Bromofluorobenzene	12.847	95	110700	48.818	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.640%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	64335	36.179	ug/l	96
3) Chloromethane	2.359	50	70976	34.413	ug/l	98
4) Vinyl Chloride	2.512	62	75490	40.728	ug/l	95
5) Bromomethane	2.942	94	52817	50.840	ug/l	94
6) Chloroethane	3.118	64	53524	42.843	ug/l	96
7) Trichlorofluoromethane	3.495	101	142515	45.200	ug/l	98
8) Diethyl Ether	3.953	74	51996	48.452	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	83299	46.581	ug/l	99
10) Methyl Iodide	4.583	142	102709	43.390	ug/l	95
11) Tert butyl alcohol	5.518	59	74390	248.505	ug/l #	95
12) 1,1-Dichloroethene	4.342	96	75550	45.261	ug/l	93
13) Acrolein	4.171	56	51064	255.643	ug/l	99
14) Allyl chloride	5.024	41	114050	40.531	ug/l	91
15) Acrylonitrile	5.712	53	211919	250.050	ug/l	99
16) Acetone	4.418	43	174331	267.212	ug/l	99
17) Carbon Disulfide	4.712	76	188561	38.272	ug/l	96
18) Methyl Acetate	5.018	43	102208	48.992	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	273352	50.121	ug/l	97
20) Methylene Chloride	5.271	84	89549	44.981	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	79034	44.994	ug/l	88
22) Diisopropyl ether	6.665	45	270635	47.786	ug/l	97
23) Vinyl Acetate	6.594	43	978510	250.444	ug/l	99
24) 1,1-Dichloroethane	6.565	63	160137	47.250	ug/l	98
25) 2-Butanone	7.477	43	267815	251.085	ug/l	96
26) 2,2-Dichloropropane	7.489	77	151677	47.928	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	99477	46.976	ug/l	99
28) Bromochloromethane	7.806	49	55177	43.129	ug/l	93
29) Tetrahydrofuran	7.830	42	172608	260.225	ug/l	99
30) Chloroform	7.965	83	170468	47.284	ug/l	97
31) Cyclohexane	8.253	56	118868	39.835	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	156188	47.943	ug/l	98
36) 1,1-Dichloropropene	8.365	75	112100	48.915	ug/l	99
37) Ethyl Acetate	7.553	43	107759	51.721	ug/l	99
38) Carbon Tetrachloride	8.359	117	139715	52.815	ug/l	100
39) Methylcyclohexane	9.594	83	117395	49.295	ug/l	97
40) Benzene	8.600	78	354747	48.941	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	63059	54.665	ug/l	97
42) 1,2-Dichloroethane	8.665	62	123989	50.001	ug/l	100
43) Isopropyl Acetate	8.683	43	193442	44.699	ug/l	99
44) Trichloroethene	9.347	130	84967	50.441	ug/l	93
45) 1,2-Dichloropropane	9.618	63	88723	49.697	ug/l	98
46) Dibromomethane	9.706	93	64197	51.750	ug/l	99
47) Bromodichloromethane	9.882	83	138381	52.632	ug/l	99
48) Methyl methacrylate	9.677	41	88355	54.864	ug/l	99
49) 1,4-Dioxane	9.688	88	29783	1066.431	ug/l #	95
51) 4-Methyl-2-Pentanone	10.441	43	574816	290.798	ug/l	99
52) Toluene	10.624	92	222486	51.849	ug/l	97
53) t-1,3-Dichloropropene	10.829	75	138602	52.581	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	148027	52.934	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	87061	54.471	ug/l	100
56) Ethyl methacrylate	10.871	69	140927	60.340	ug/l	99
57) 1,3-Dichloropropane	11.159	76	146182	51.966	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	312019	272.352	ug/l	99
59) 2-Hexanone	11.194	43	425793	288.015	ug/l	100
60) Dibromochloromethane	11.359	129	107520	55.043	ug/l	100
61) 1,2-Dibromoethane	11.465	107	88737	53.646	ug/l	97
64) Tetrachloroethene	11.100	164	76338	50.944	ug/l	96
65) Chlorobenzene	11.888	112	245940	48.766	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	92252	51.953	ug/l	99
67) Ethyl Benzene	11.959	91	436384	53.333	ug/l	99
68) m/p-Xylenes	12.071	106	338767	108.750	ug/l	98
69) o-Xylene	12.394	106	159020	53.665	ug/l	99
70) Styrene	12.406	104	279996	56.820	ug/l	99
71) Bromoform	12.576	173	77538	58.827	ug/l #	96
73) Isopropylbenzene	12.694	105	421314	54.208	ug/l	99
74) N-amyl acetate	12.494	43	168193	52.516	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	124180	46.790	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	164273	81.976	ug/l	48
77) Bromobenzene	12.976	156	103632	49.548	ug/l	100
78) n-propylbenzene	13.035	91	496070	55.338	ug/l	99
79) 2-Chlorotoluene	13.123	91	303924	50.788	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	359675	55.150	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	46836	51.596	ug/l	98
82) 4-Chlorotoluene	13.218	91	311019	49.926	ug/l	100
83) tert-Butylbenzene	13.435	119	295702	52.696	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	360867	53.755	ug/l	98
85) sec-Butylbenzene	13.612	105	419768	55.376	ug/l	100
86) p-Isopropyltoluene	13.723	119	352018	56.255	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	187382	45.422	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	188708	44.824	ug/l	99
89) n-Butylbenzene	14.053	91	299144	51.406	ug/l	99
90) Hexachloroethane	14.329	117	68565	50.268	ug/l	97
91) 1,2-Dichlorobenzene	14.100	146	179308	45.359	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	24250	47.252	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	94237	43.880	ug/l	98
94) Hexachlorobutadiene	15.500	225	46613	47.029	ug/l	97
95) Naphthalene	15.641	128	281522	46.025	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	90499	44.163	ug/l	97

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Quant Title : SW846 8260
QLast Update : Sat Nov 23 02:54:10 2024
Response via : Initial Calibration

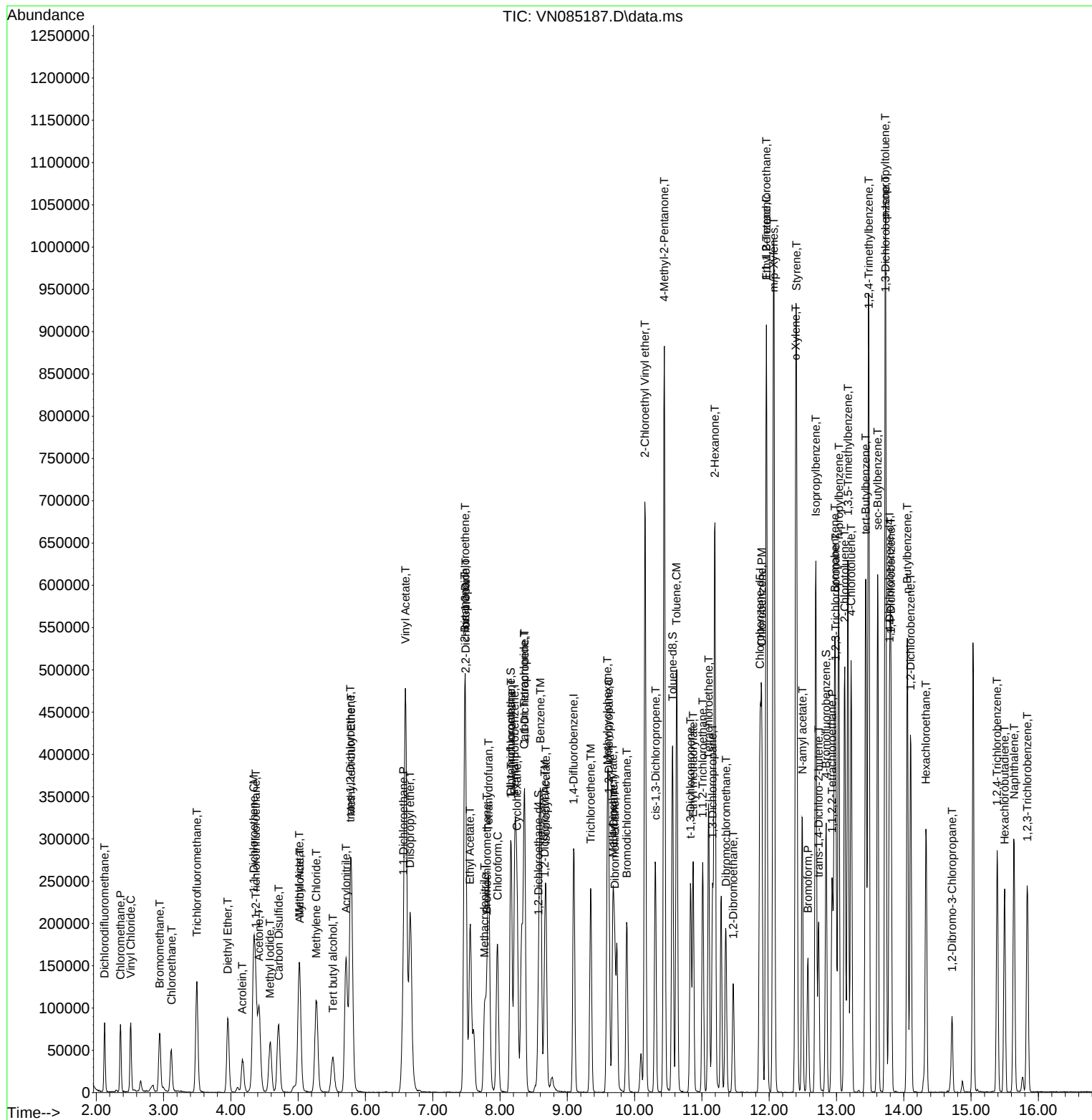
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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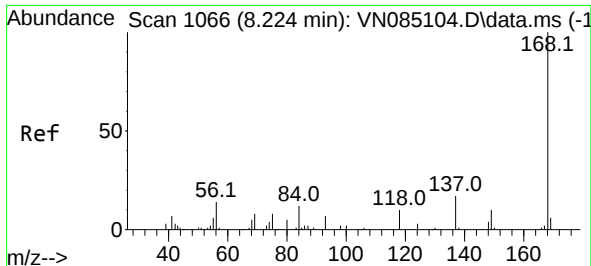
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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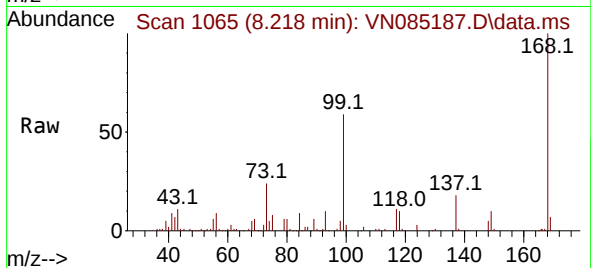
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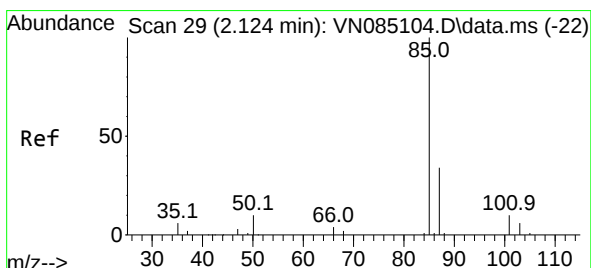
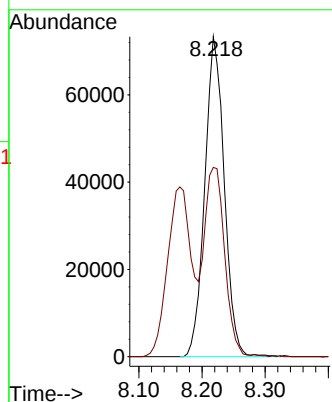
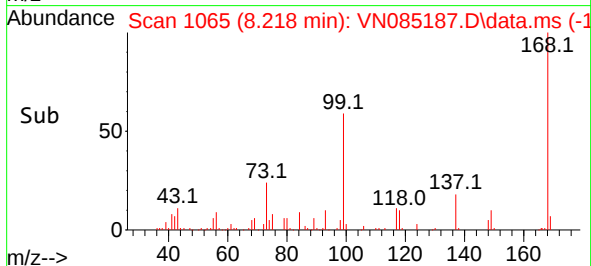


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.000 min
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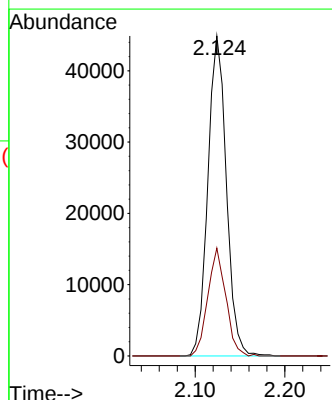
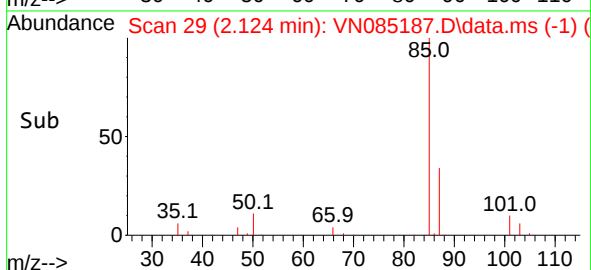
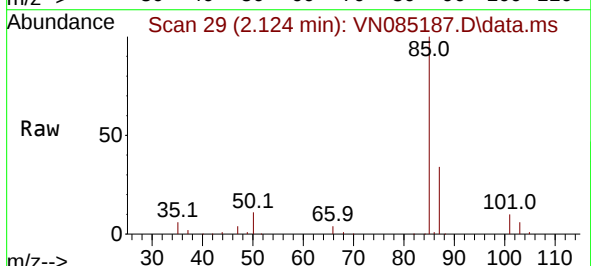


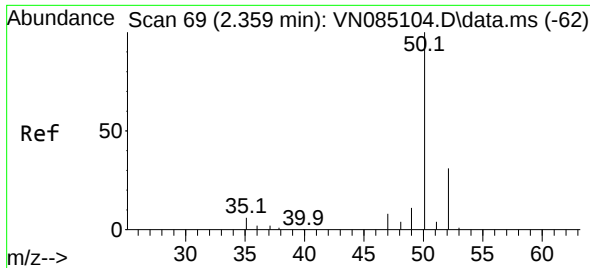
Tgt Ion:168 Resp: 157264
Ion Ratio Lower Upper
168 100
99 58.8 51.2 76.8



#2
Dichlorodifluoromethane
Concen: 36.179 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.006 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

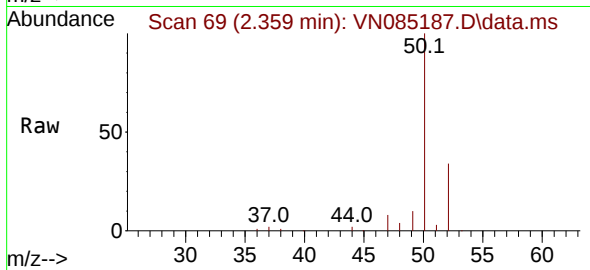
Tgt Ion: 85 Resp: 64335
Ion Ratio Lower Upper
85 100
87 33.7 15.7 47.1



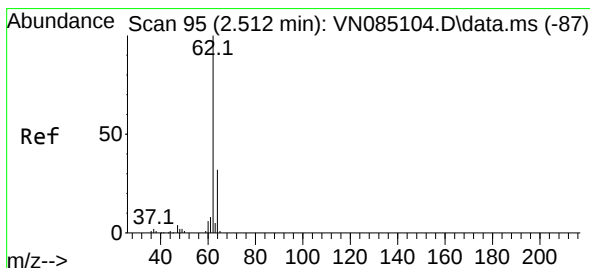
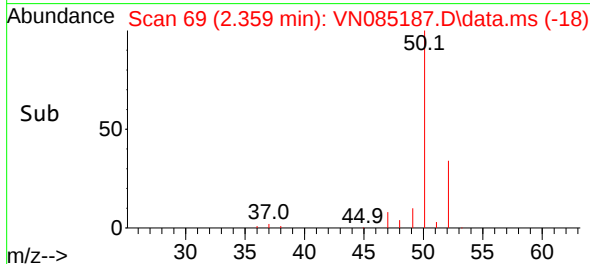
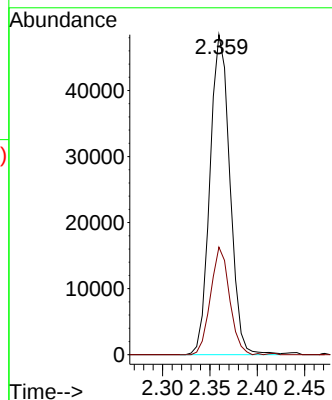


#3
Chloromethane
Concen: 34.413 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

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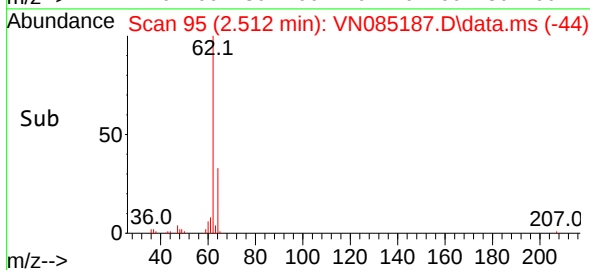
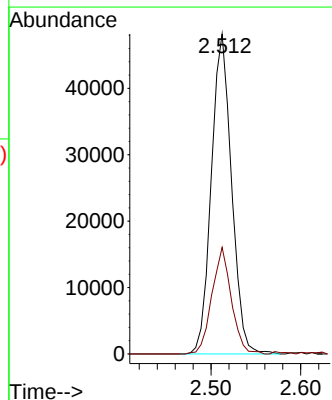
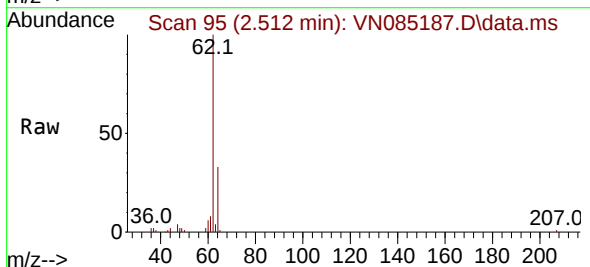


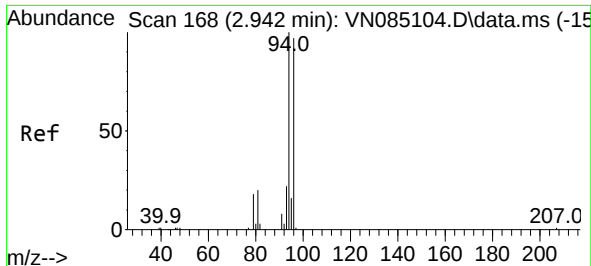
Tgt Ion: 50 Resp: 70976
Ion Ratio Lower Upper
50 100
52 33.6 27.8 41.8



#4
Vinyl Chloride
Concen: 40.728 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

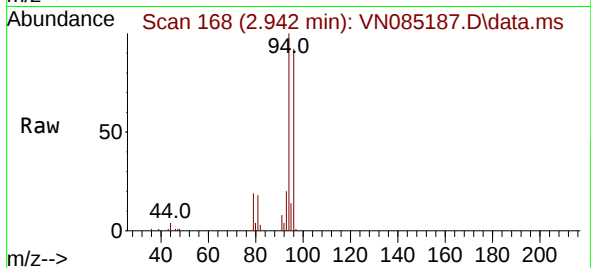
Tgt Ion: 62 Resp: 75490
Ion Ratio Lower Upper
62 100
64 33.3 24.6 36.8



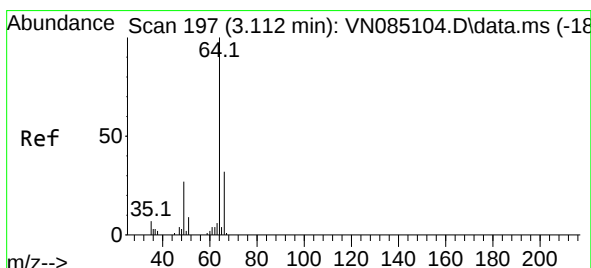
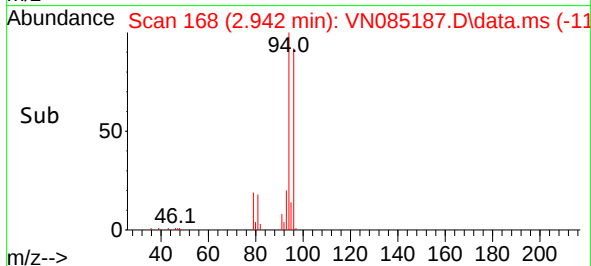
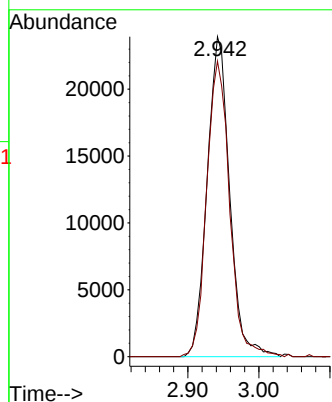


#5
Bromomethane
Concen: 50.840 ug/l
RT: 2.942 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN085187.D
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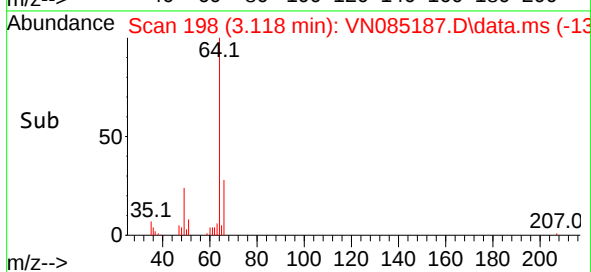
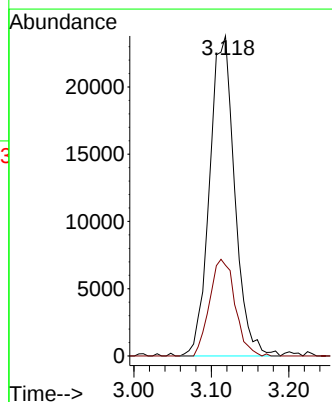
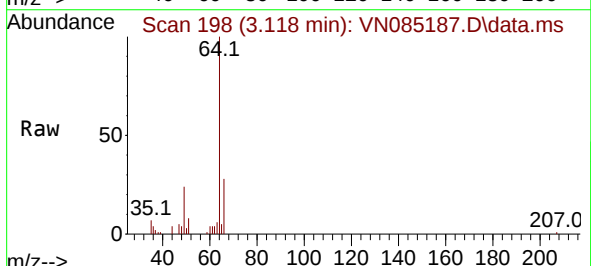


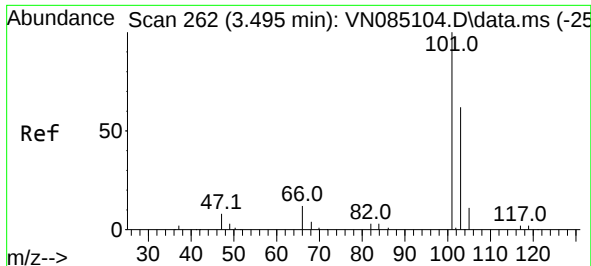
Tgt Ion: 94 Resp: 52817
Ion Ratio Lower Upper
94 100
96 92.3 78.7 118.1



#6
Chloroethane
Concen: 42.843 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.053 min
Lab File: VN085187.D
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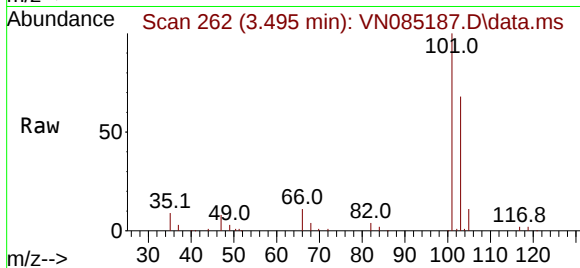
Tgt Ion: 64 Resp: 53524
Ion Ratio Lower Upper
64 100
66 28.4 24.4 36.6



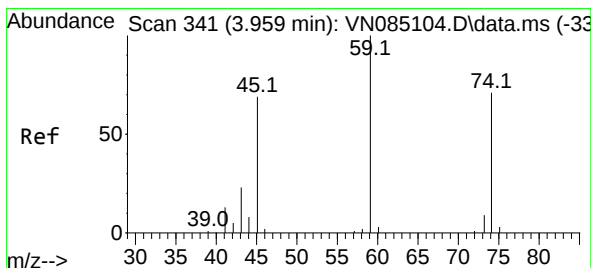
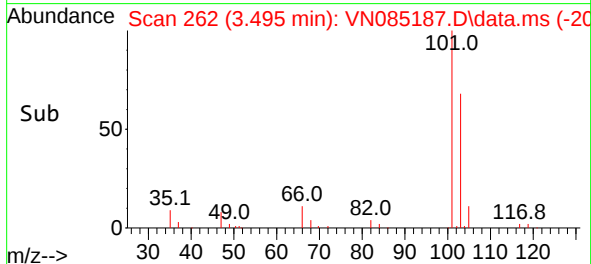
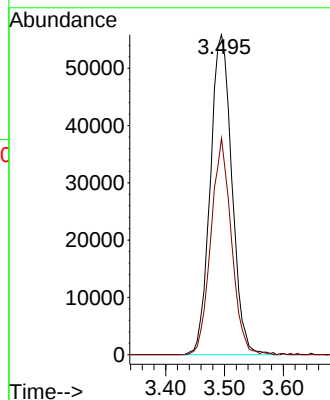


#7
 Trichlorofluoromethane
 Concen: 45.200 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. 0.035 min
 Lab File: VN085187.D
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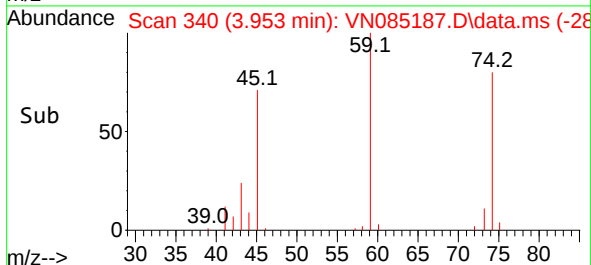
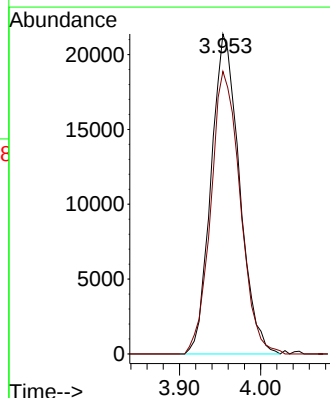
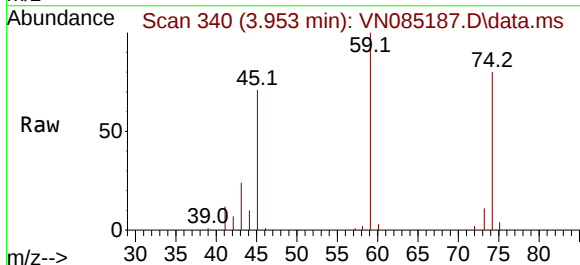


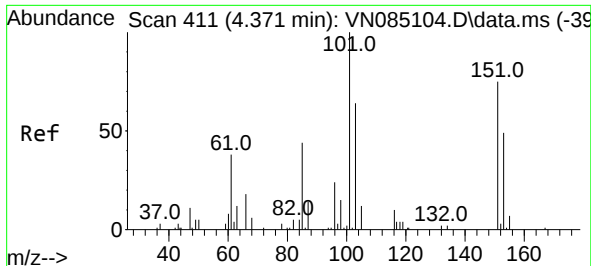
Tgt Ion:101 Resp: 142515
 Ion Ratio Lower Upper
 101 100
 103 67.7 52.6 78.8



#8
 Diethyl Ether
 Concen: 48.452 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. 0.006 min
 Lab File: VN085187.D
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Tgt Ion: 74 Resp: 51996
 Ion Ratio Lower Upper
 74 100
 45 91.2 46.7 140.1

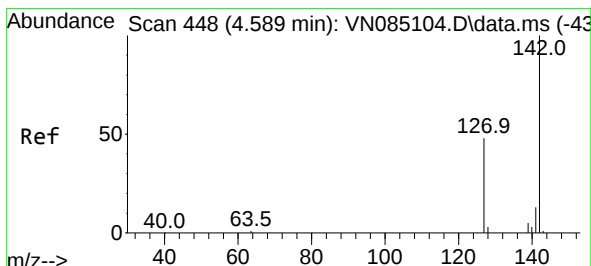
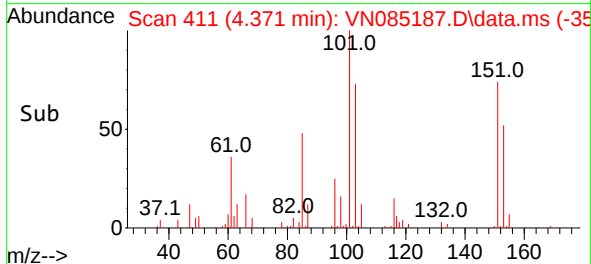
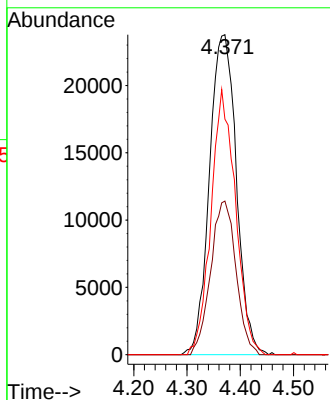
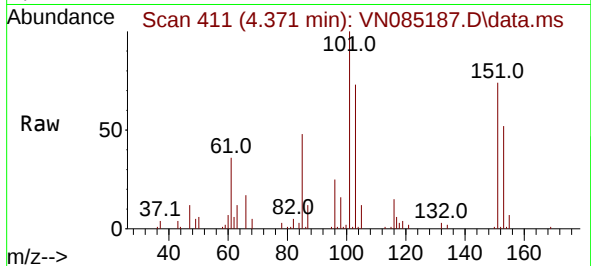




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.581 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.018 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

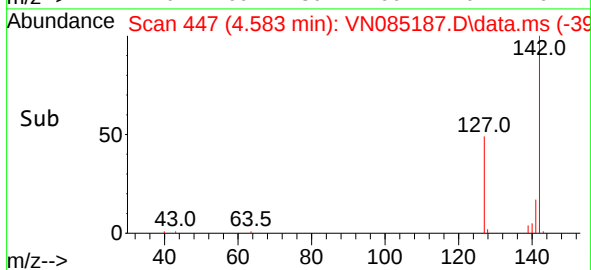
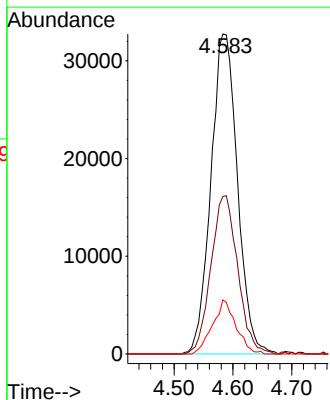
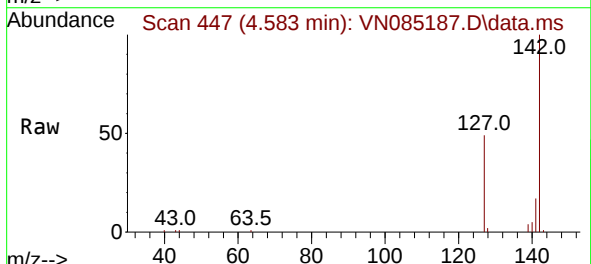
Instrument :
MSVOA_N
ClientSampleId :

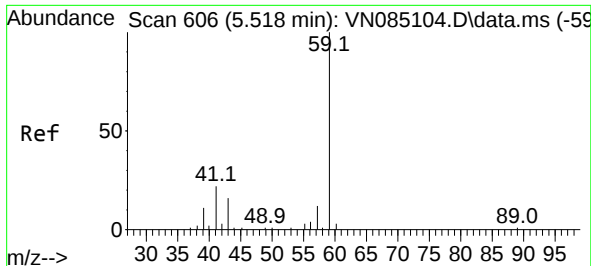
Tgt Ion:101 Resp: 83299
Ion Ratio Lower Upper
101 100
85 45.3 36.9 55.3
151 75.7 60.8 91.2



#10
Methyl Iodide
Concen: 43.390 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.012 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Tgt Ion:142 Resp: 102709
Ion Ratio Lower Upper
142 100
127 49.2 36.6 54.8
141 16.9 12.2 18.4

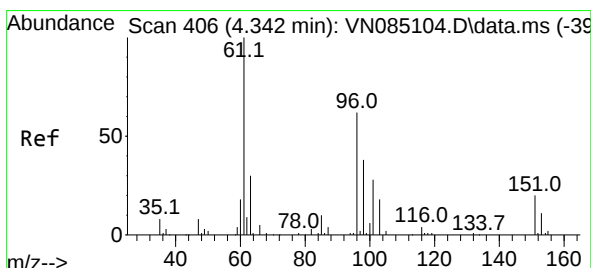
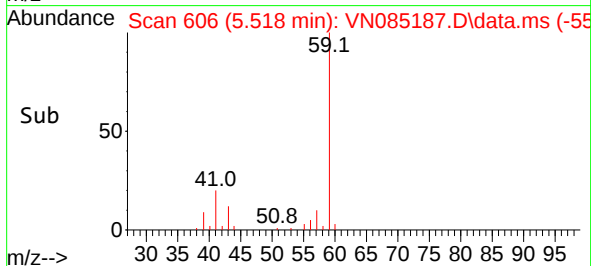
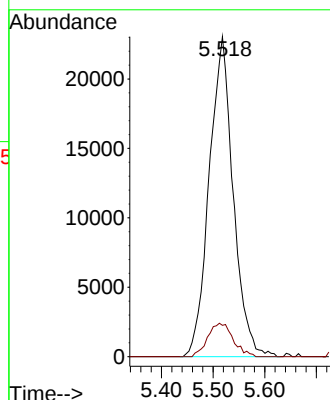
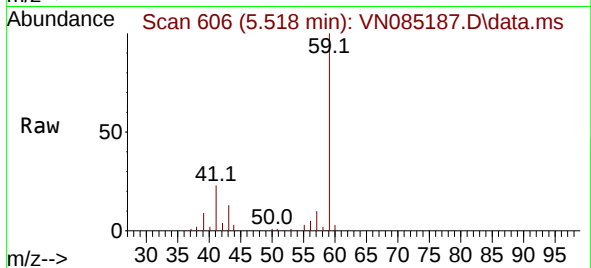




#11
Tert butyl alcohol
Concen: 248.505 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.024 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

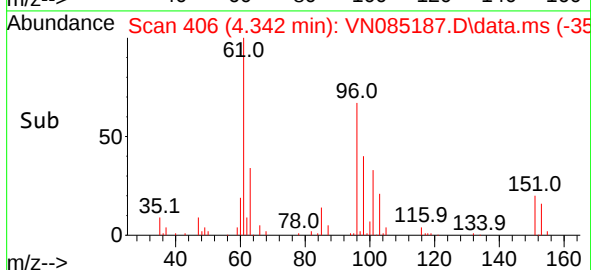
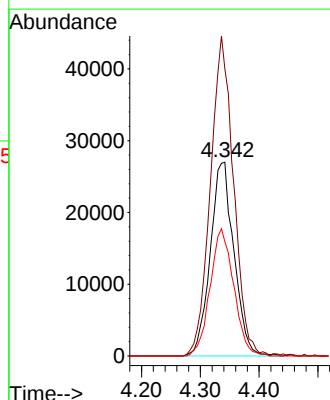
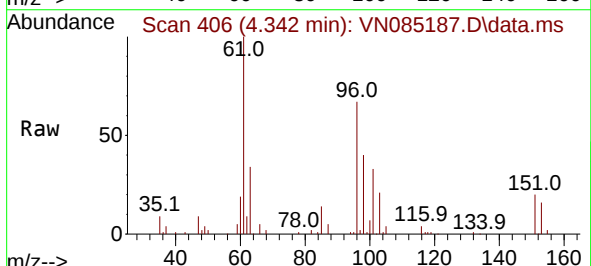
Instrument :
MSVOA_N
ClientSampleId :

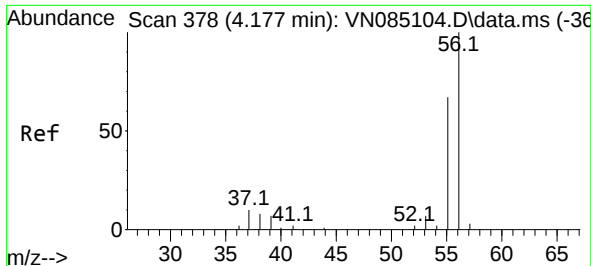
Tgt Ion: 59 Resp: 74390
Ion Ratio Lower Upper
59 100
57 11.1 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 45.261 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.023 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Tgt Ion: 96 Resp: 75550
Ion Ratio Lower Upper
96 100
61 148.2 127.8 191.8
98 59.1 49.2 73.8





#13

Acrolein

Concen: 255.643 ug/l

RT: 4.171 min Scan# 378

Delta R.T. 0.006 min

Lab File: VN085187.D

Acq: 12 Dec 2024 16:29

Instrument :

MSVOA_N

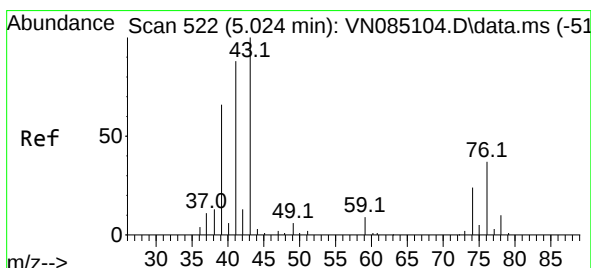
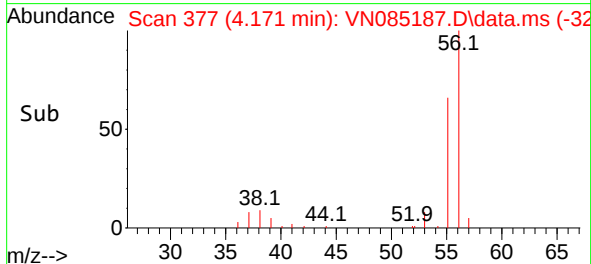
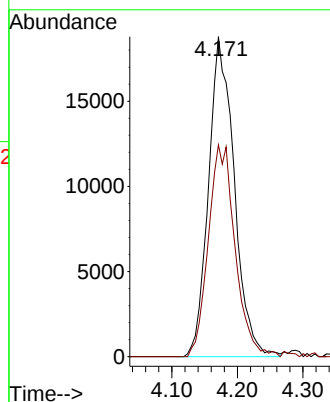
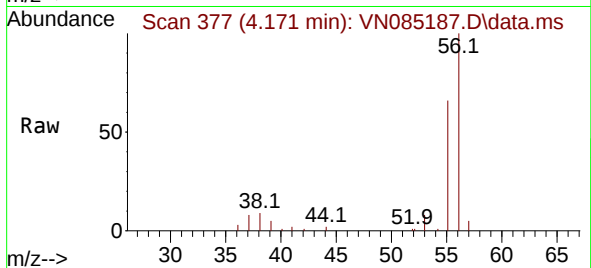
ClientSampleId :

Tgt Ion: 56 Resp: 51064

Ion Ratio Lower Upper

56 100

55 69.0 54.5 81.7



#14

Allyl chloride

Concen: 40.531 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.018 min

Lab File: VN085187.D

Acq: 12 Dec 2024 16:29

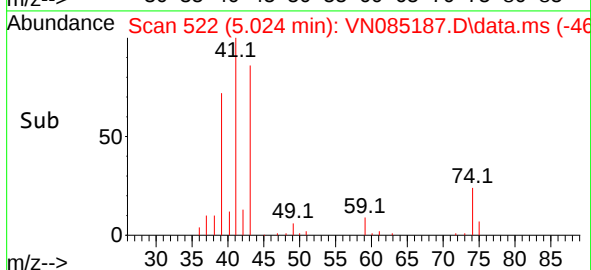
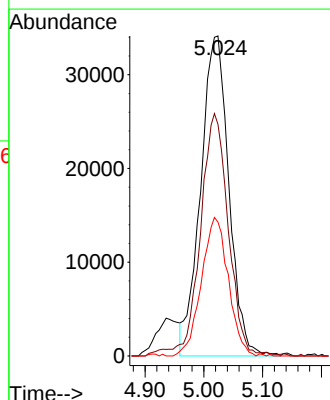
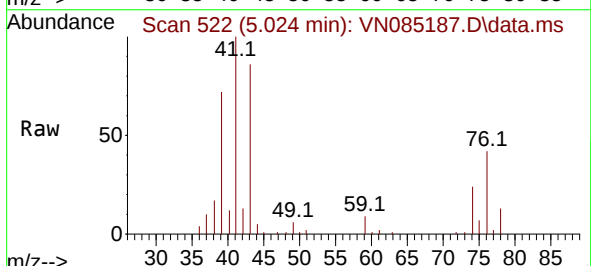
Tgt Ion: 41 Resp: 114050

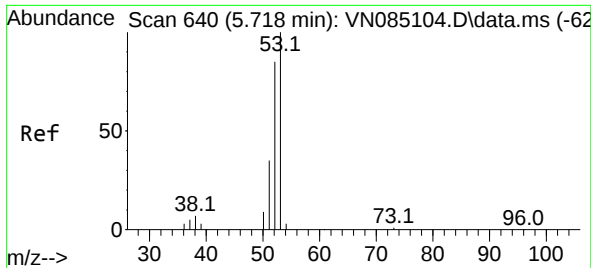
Ion Ratio Lower Upper

41 100

39 75.1 53.8 80.8

76 41.1 29.3 43.9

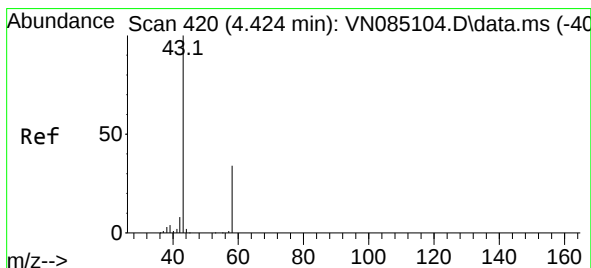
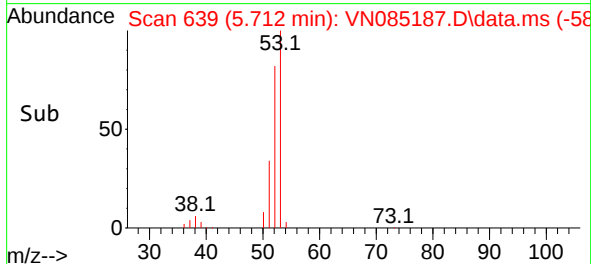
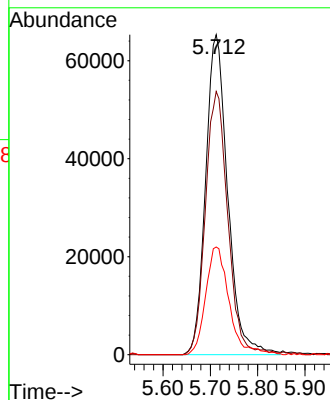
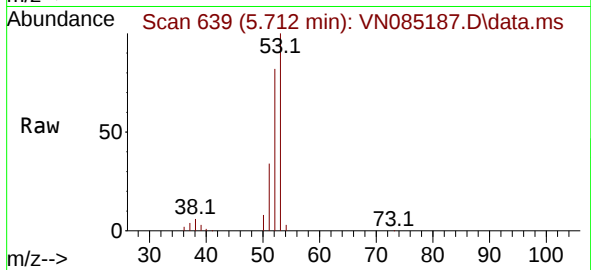




#15
Acrylonitrile
Concen: 250.050 ug/l
RT: 5.712 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

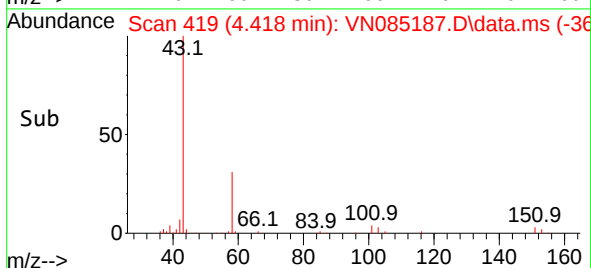
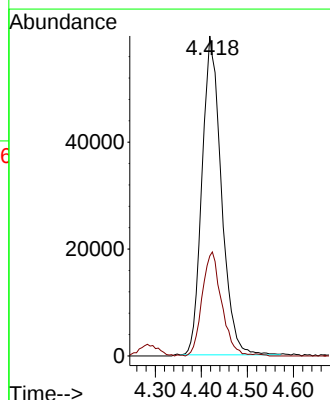
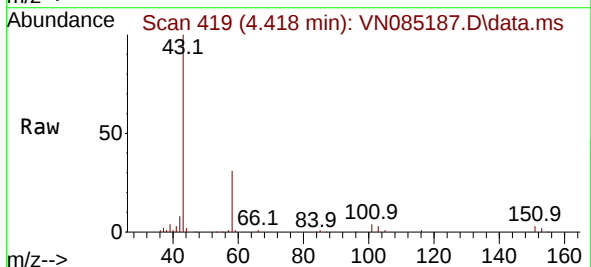
Instrument :
MSVOA_N
ClientSampleId :

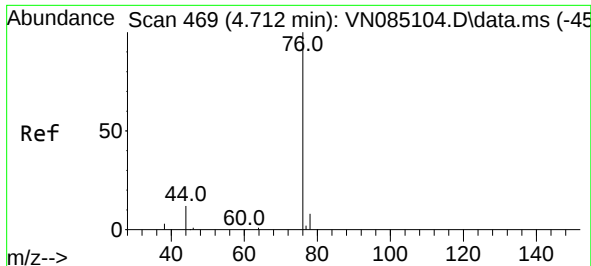
Tgt Ion: 53 Resp: 211919
Ion Ratio Lower Upper
53 100
52 83.2 65.5 98.3
51 35.6 28.4 42.6



#16
Acetone
Concen: 267.212 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Tgt Ion: 43 Resp: 174331
Ion Ratio Lower Upper
43 100
58 31.4 25.4 38.2

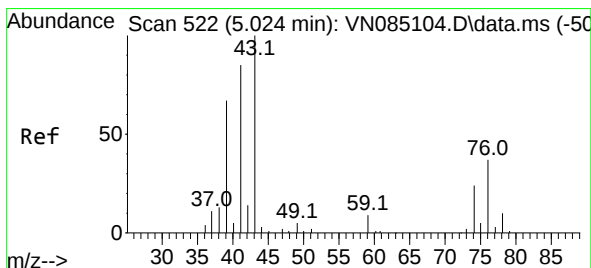
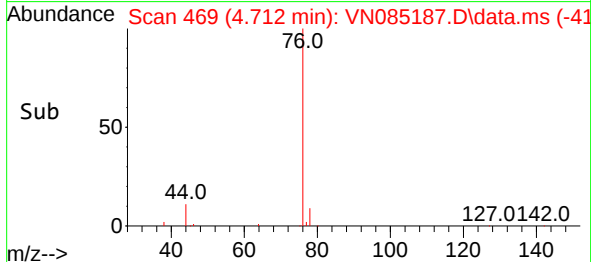
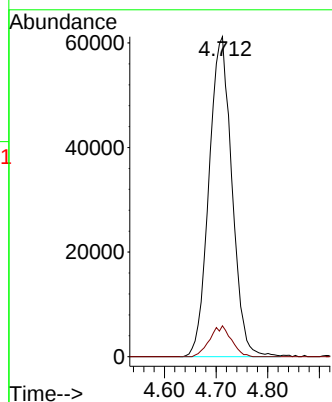
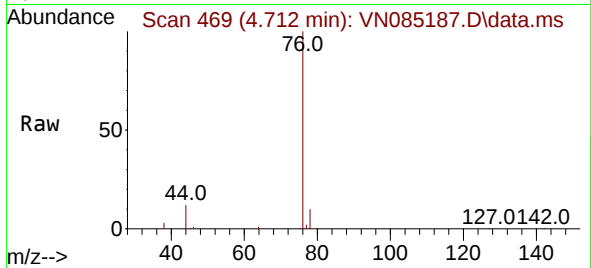




#17
Carbon Disulfide
Concen: 38.272 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.018 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

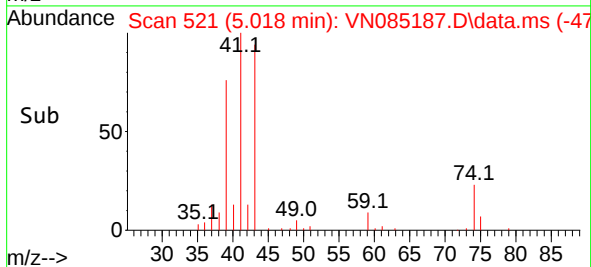
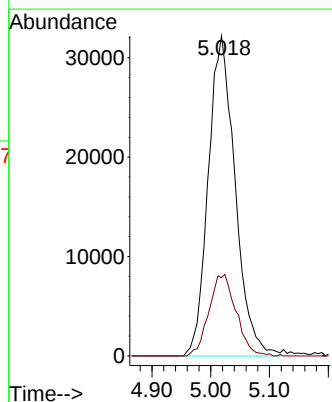
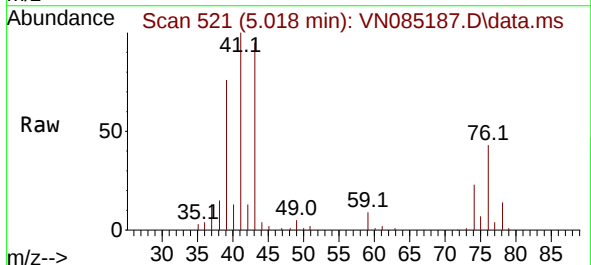
Instrument :
MSVOA_N
ClientSampleId :

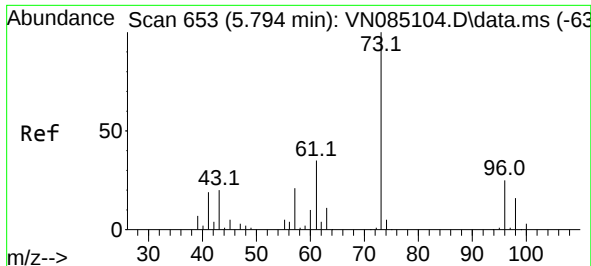
Tgt Ion: 76 Resp: 188561
Ion Ratio Lower Upper
76 100
78 9.7 6.5 9.7



#18
Methyl Acetate
Concen: 48.992 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Tgt Ion: 43 Resp: 102208
Ion Ratio Lower Upper
43 100
74 25.8 20.1 30.1

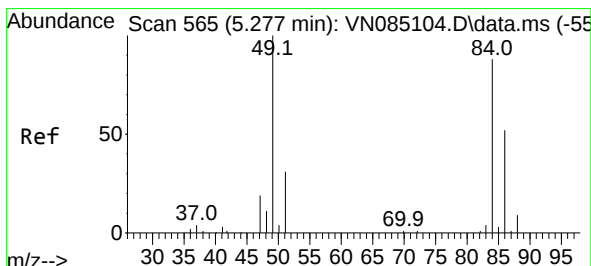
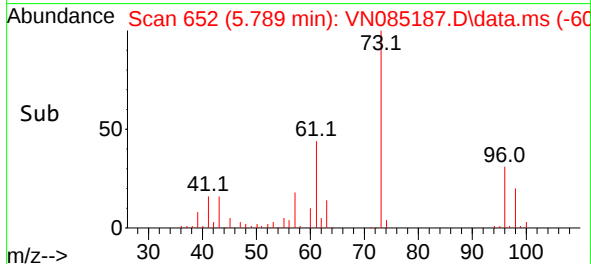
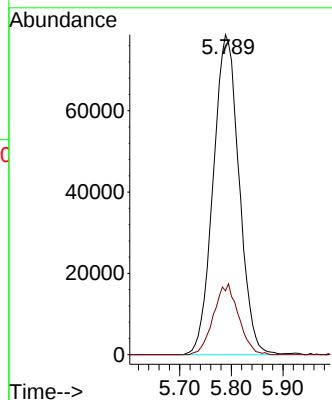
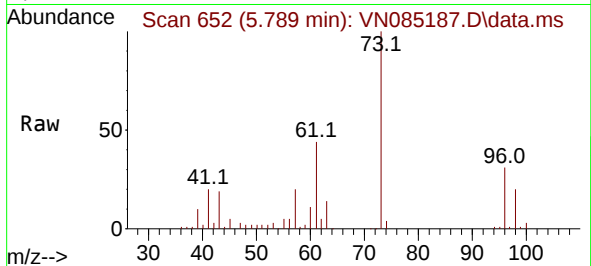




#19
Methyl tert-butyl Ether
Concen: 50.121 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

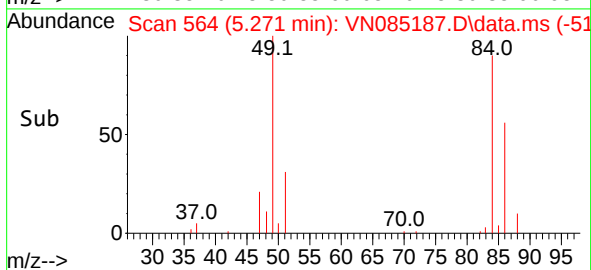
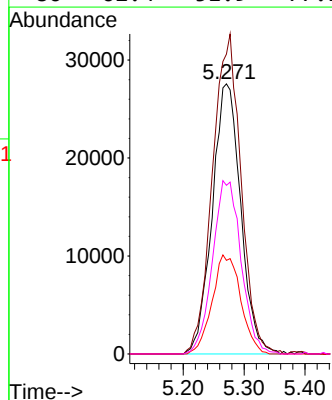
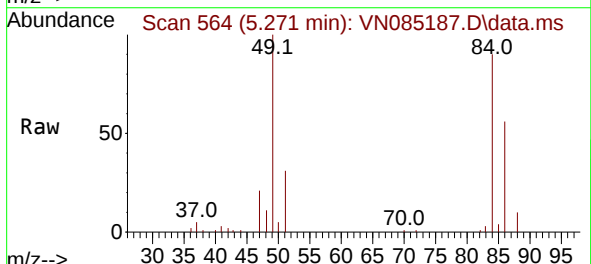
Instrument :
MSVOA_N
ClientSampleId :

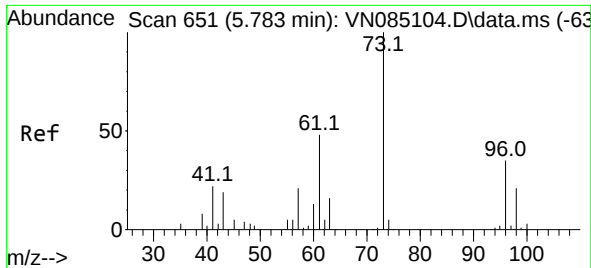
Tgt Ion: 73 Resp: 273352
Ion Ratio Lower Upper
73 100
57 19.9 17.0 25.4



#20
Methylene Chloride
Concen: 44.981 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Tgt Ion: 84 Resp: 89549
Ion Ratio Lower Upper
84 100
49 111.0 92.7 139.1
51 34.7 29.4 44.2
86 62.4 51.9 77.9

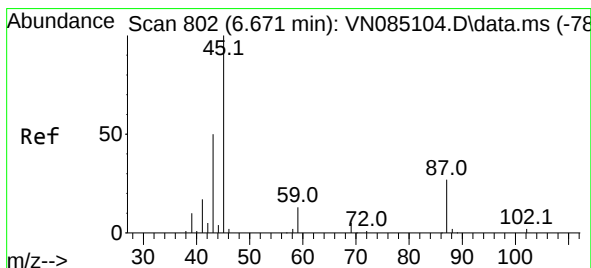
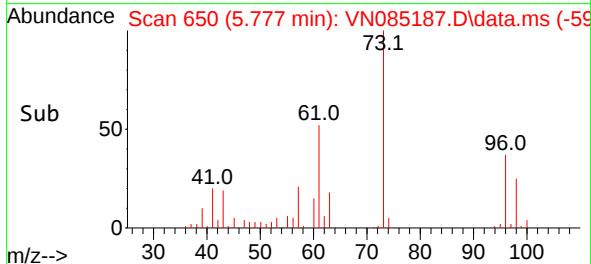
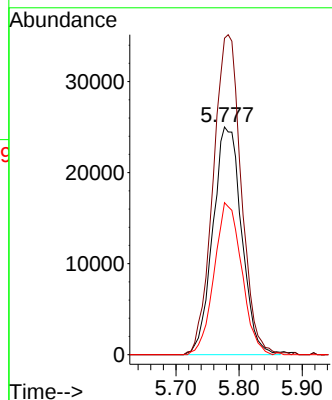
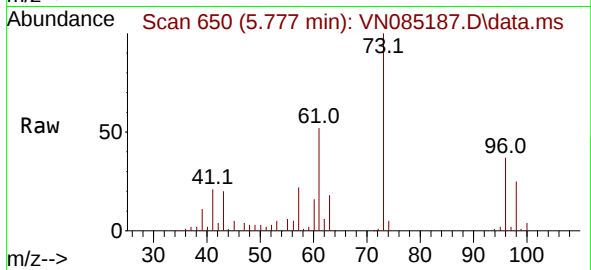




#21
trans-1,2-Dichloroethene
Concen: 44.994 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

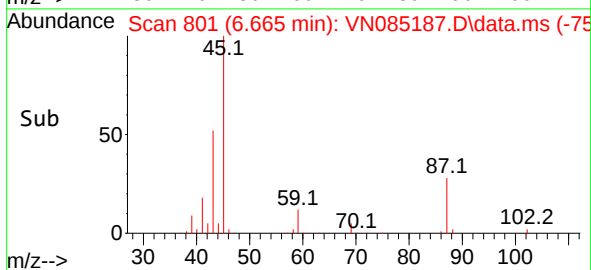
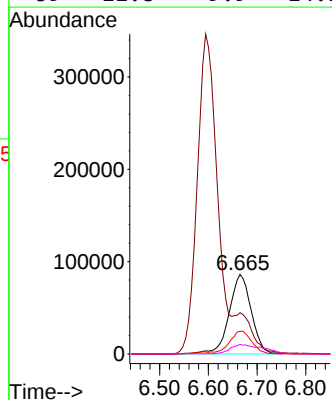
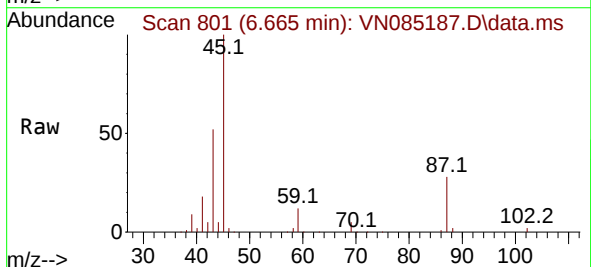
Instrument :
MSVOA_N
ClientSampleId :

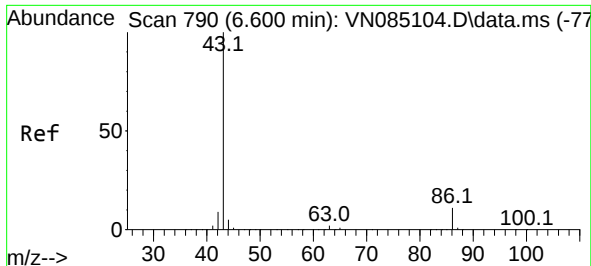
Tgt Ion: 96 Resp: 79034
Ion Ratio Lower Upper
96 100
61 139.0 100.7 151.1
98 66.7 45.8 68.6



#22
Diisopropyl ether
Concen: 47.786 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Tgt Ion: 45 Resp: 270635
Ion Ratio Lower Upper
45 100
43 50.5 42.7 64.1
87 28.2 22.6 34.0
59 11.8 9.9 14.9

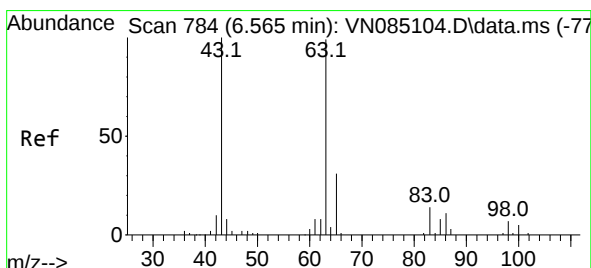
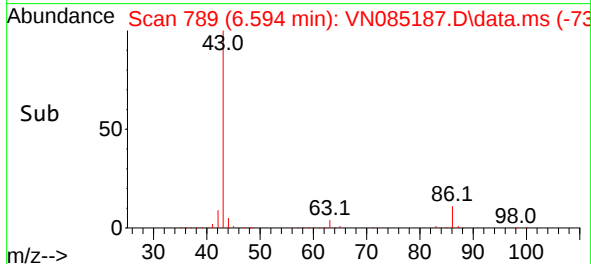
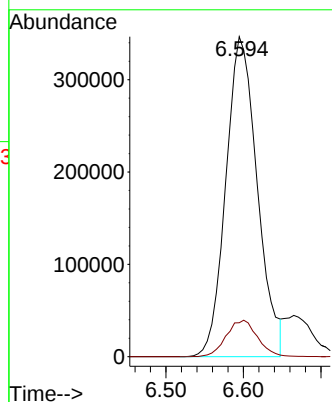
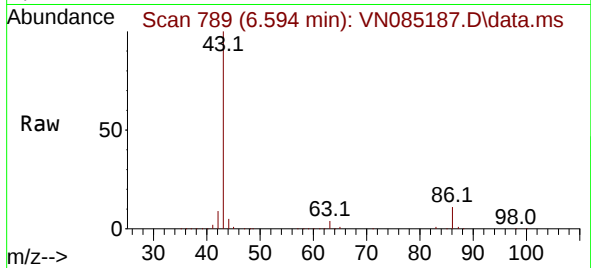




#23
 Vinyl Acetate
 Concen: 250.444 ug/l
 RT: 6.594 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN085187.D
 Acq: 12 Dec 2024 16:29

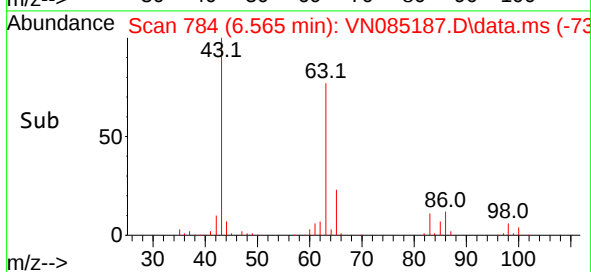
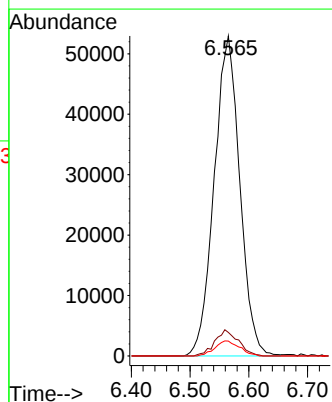
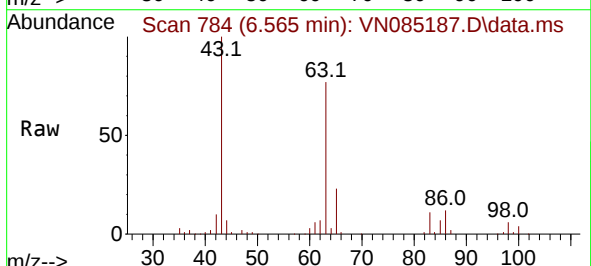
Instrument :
 MSVOA_N
 ClientSampleId :

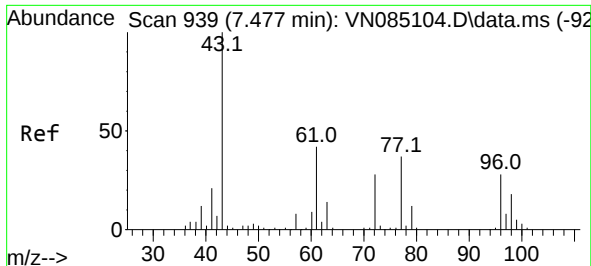
Tgt Ion: 43 Resp: 978510
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 47.250 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.012 min
 Lab File: VN085187.D
 Acq: 12 Dec 2024 16:29

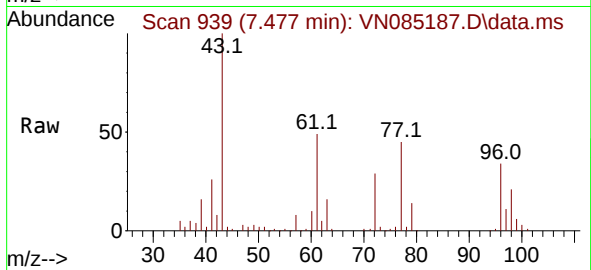
Tgt Ion: 63 Resp: 160137
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.3 9.8
 100 4.6 2.2 6.6



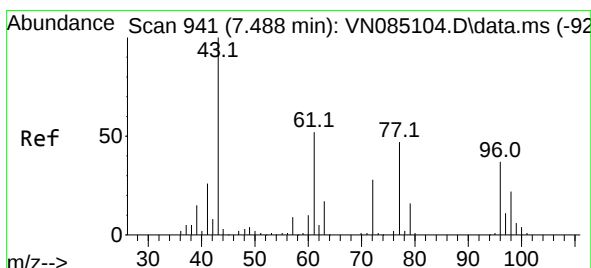
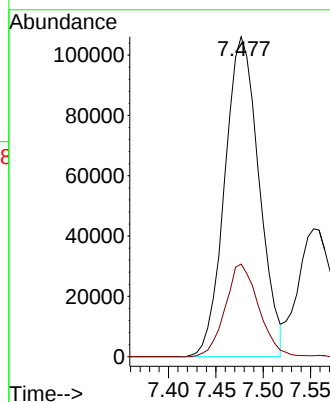
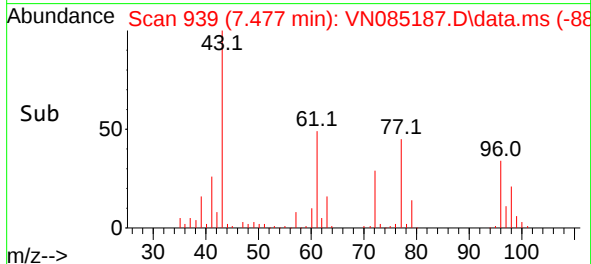


#25
2-Butanone
Concen: 251.085 ug/l
RT: 7.477 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

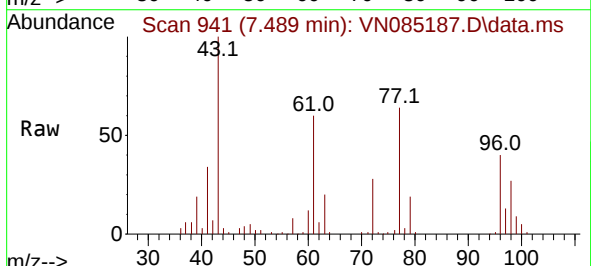
Instrument :
MSVOA_N
ClientSampleId :



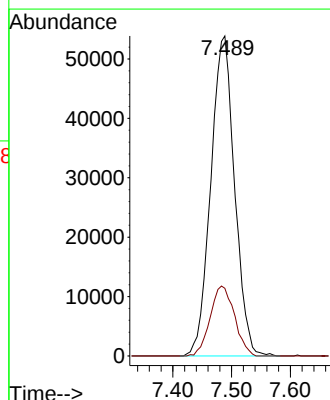
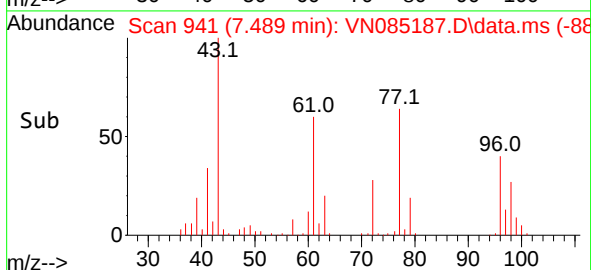
Tgt Ion: 43 Resp: 267815
Ion Ratio Lower Upper
43 100
72 29.0 21.4 32.0

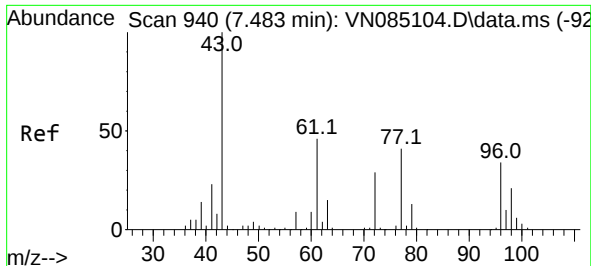


#26
2,2-Dichloropropane
Concen: 47.928 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29



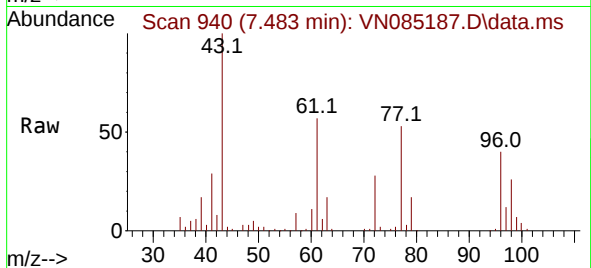
Tgt Ion: 77 Resp: 151677
Ion Ratio Lower Upper
77 100
97 22.3 10.9 32.7





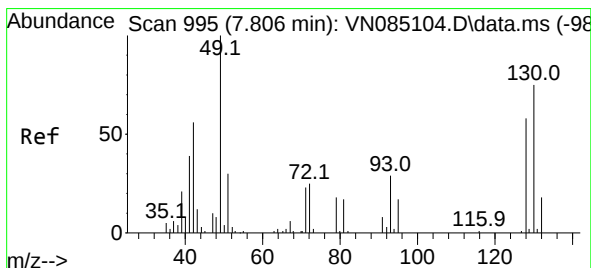
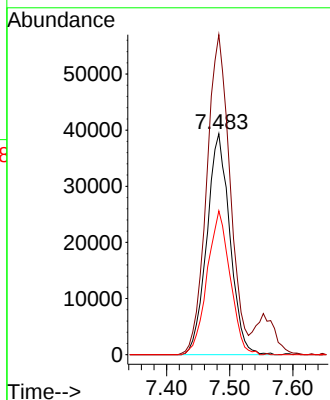
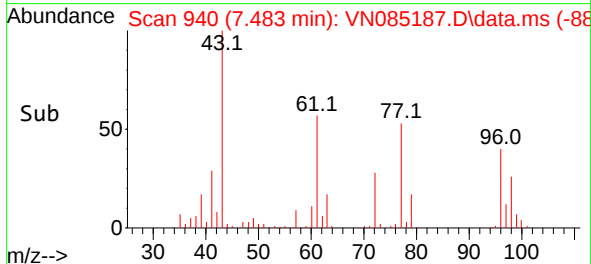
#27
 cis-1,2-Dichloroethene
 Concen: 46.976 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.006 min
 Lab File: VN085187.D
 Acq: 12 Dec 2024 16:29

Instrument :
 MSVOA_N
 ClientSampleId :

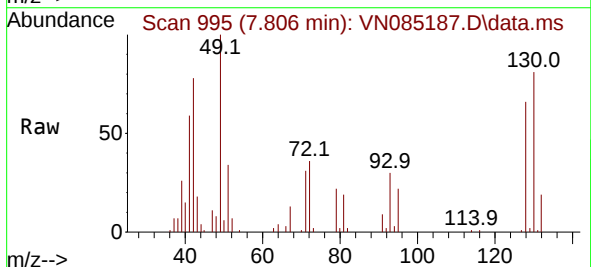


Tgt Ion: 96 Resp: 99477

Ion	Ratio	Lower	Upper
96	100		
61	147.0	0.0	291.6
98	65.1	0.0	129.8

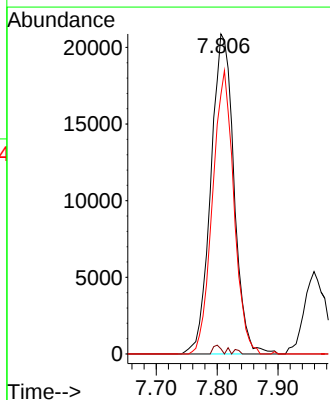
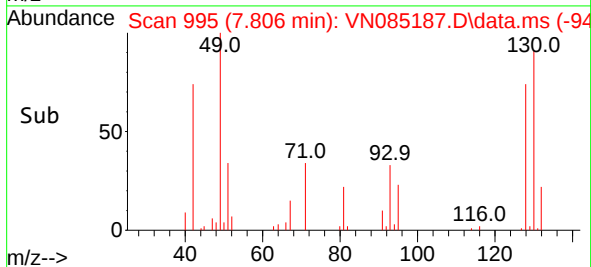


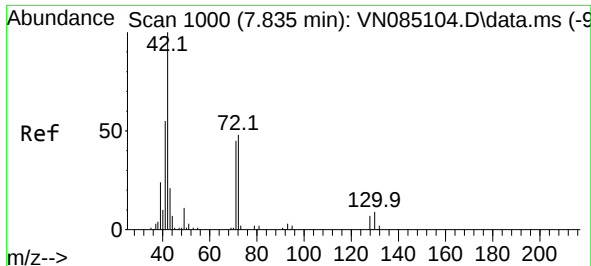
#28
 Bromochloromethane
 Concen: 43.129 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.000 min
 Lab File: VN085187.D
 Acq: 12 Dec 2024 16:29



Tgt Ion: 49 Resp: 55177

Ion	Ratio	Lower	Upper
49	100		
129	0.3	0.0	4.0
130	81.4	60.6	90.8





#29

Tetrahydrofuran

Concen: 260.225 ug/l

RT: 7.830 min Scan# 999

Delta R.T. -0.006 min

Lab File: VN085187.D

Acq: 12 Dec 2024 16:29

Instrument :

MSVOA_N

ClientSampleId :

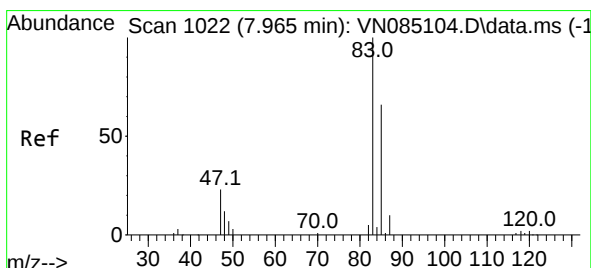
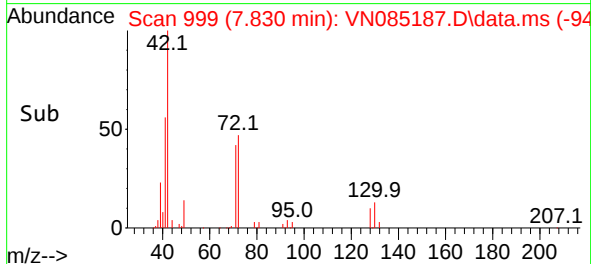
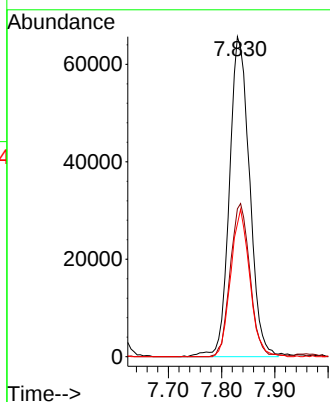
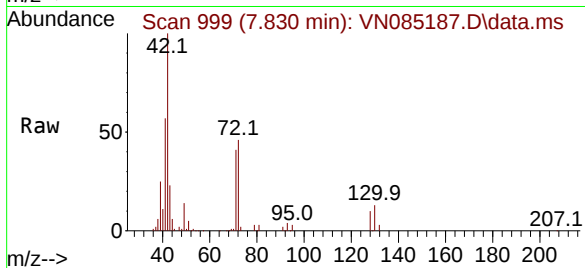
Tgt Ion: 42 Resp: 172608

Ion Ratio Lower Upper

42 100

72 46.9 37.0 55.4

71 43.5 35.0 52.4



#30

Chloroform

Concen: 47.284 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN085187.D

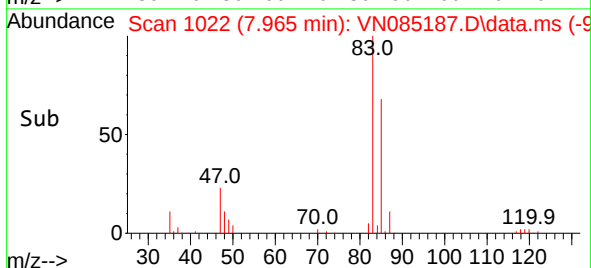
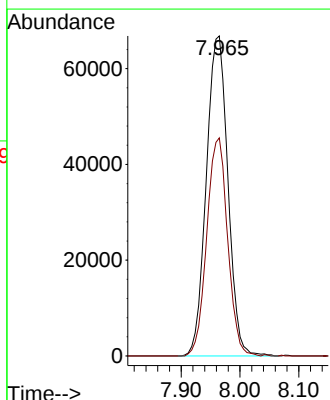
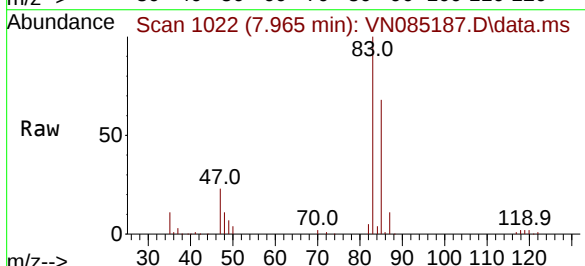
Acq: 12 Dec 2024 16:29

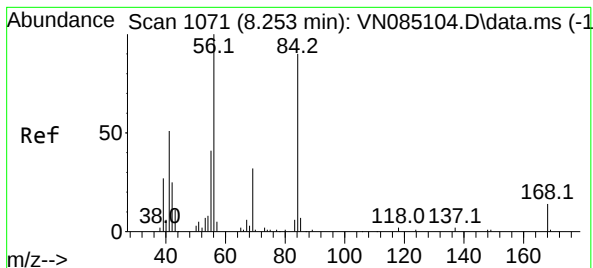
Tgt Ion: 83 Resp: 170468

Ion Ratio Lower Upper

83 100

85 68.1 52.6 78.8





#31

Cyclohexane

Concen: 39.835 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

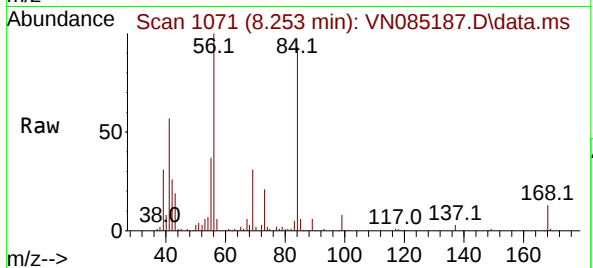
Lab File: VN085187.D

Acq: 12 Dec 2024 16:29

Instrument :

MSVOA_N

ClientSampleId :



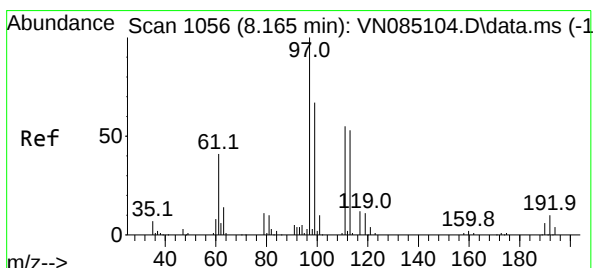
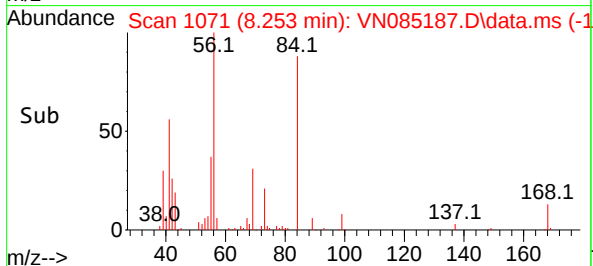
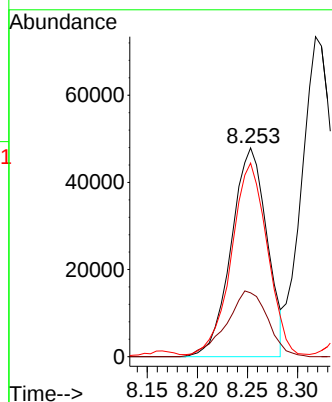
Tgt Ion: 56 Resp: 118868

Ion Ratio Lower Upper

56 100

69 30.6 24.6 36.8

84 91.7 71.4 107.2



#32

1,1,1-Trichloroethane

Concen: 47.943 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085187.D

Acq: 12 Dec 2024 16:29

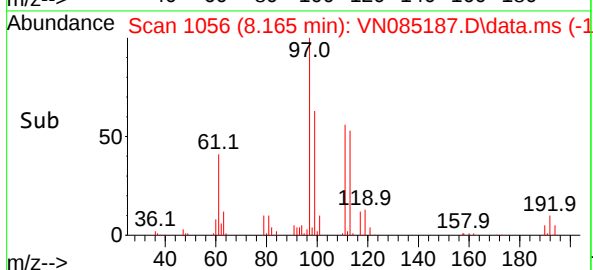
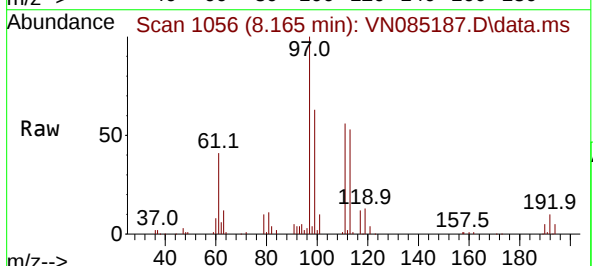
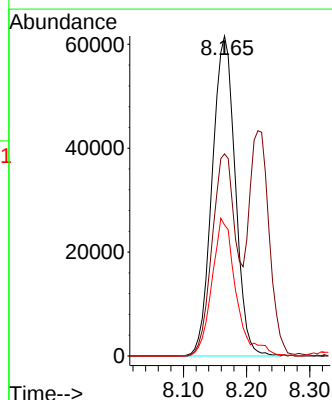
Tgt Ion: 97 Resp: 156188

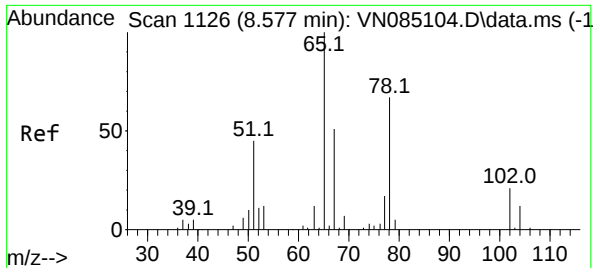
Ion Ratio Lower Upper

97 100

99 66.4 51.0 76.4

61 45.0 36.2 54.2

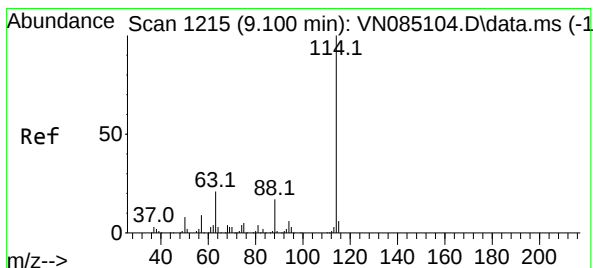
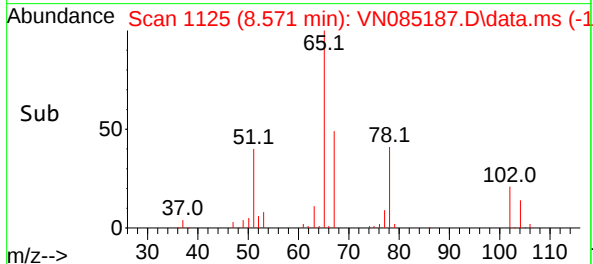
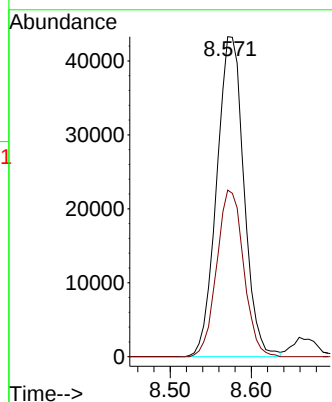
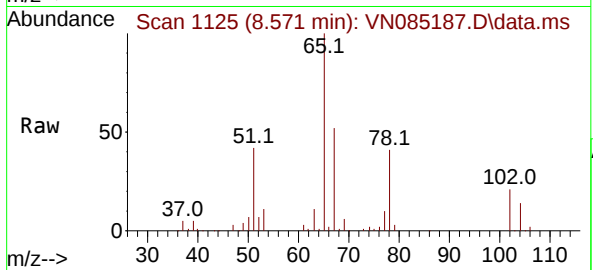




#33
1,2-Dichloroethane-d4
Concen: 45.024 ug/l
RT: 8.571 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

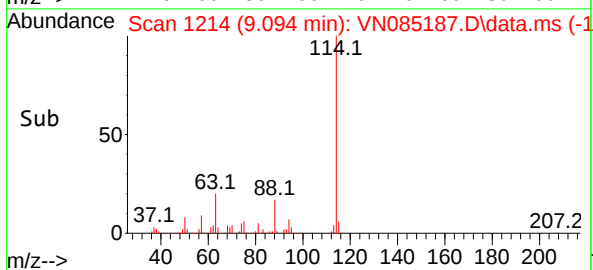
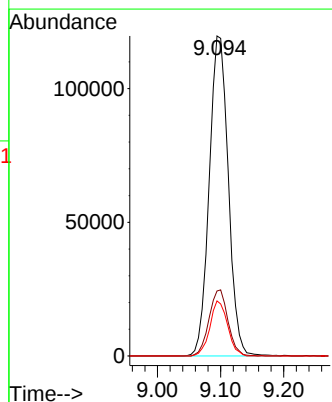
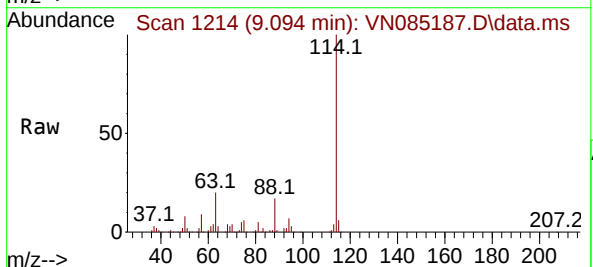
Instrument :
MSVOA_N
ClientSampleId :

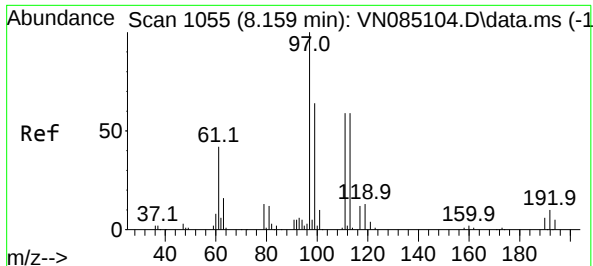
Tgt Ion: 65 Resp: 100858
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

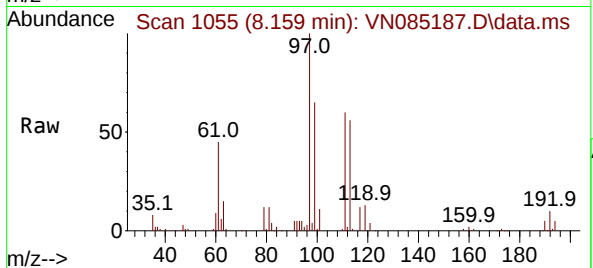
Tgt Ion: 114 Resp: 250897
Ion Ratio Lower Upper
114 100
63 20.3 0.0 41.0
88 17.2 0.0 34.8



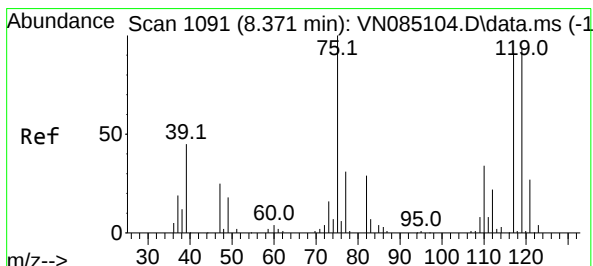
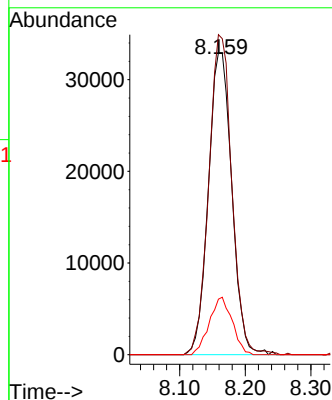
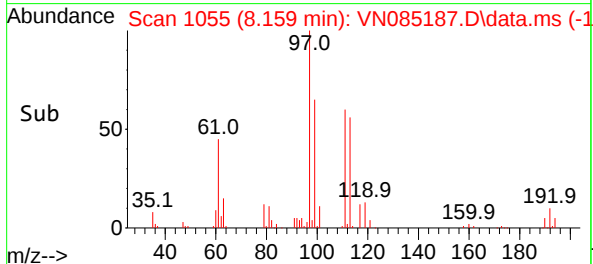


#35
Dibromofluoromethane
Concen: 48.429 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

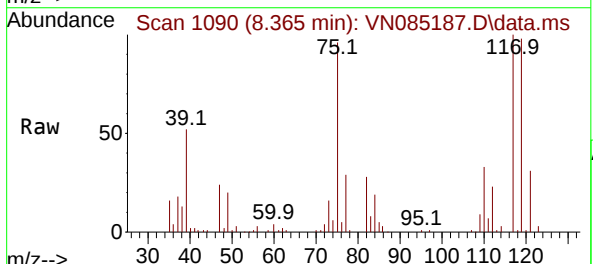
Instrument :
MSVOA_N
ClientSampleId :



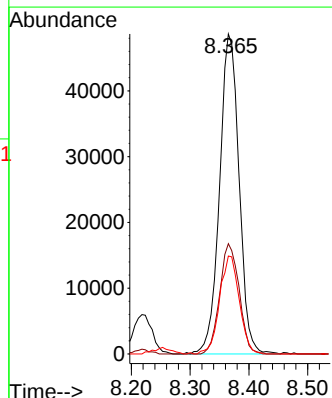
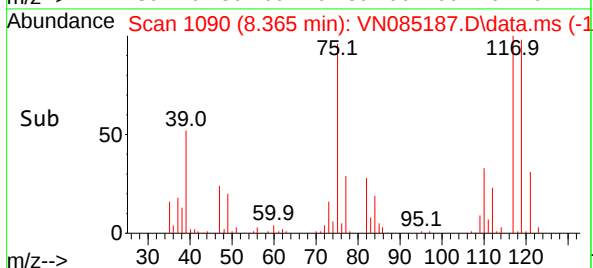
Tgt Ion:113 Resp: 81940
Ion Ratio Lower Upper
113 100
111 104.0 82.0 123.0
192 18.6 14.8 22.2

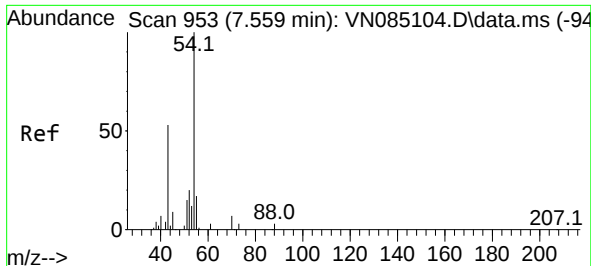


#36
1,1-Dichloropropene
Concen: 48.915 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29



Tgt Ion: 75 Resp: 112100
Ion Ratio Lower Upper
75 100
110 34.3 17.2 51.6
77 30.9 24.2 36.4





#37

Ethyl Acetate

Concen: 51.721 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.000 min

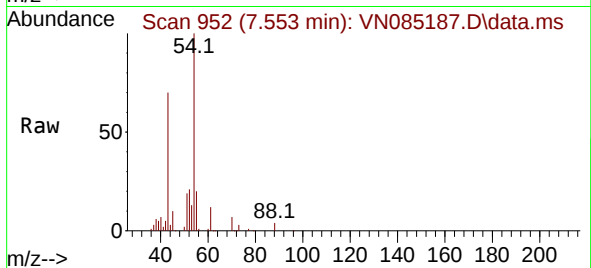
Lab File: VN085187.D

Acq: 12 Dec 2024 16:29

Instrument :

MSVOA_N

ClientSampleId :



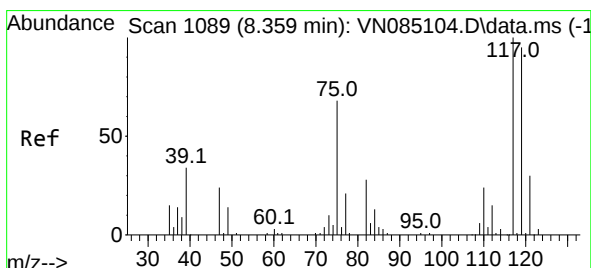
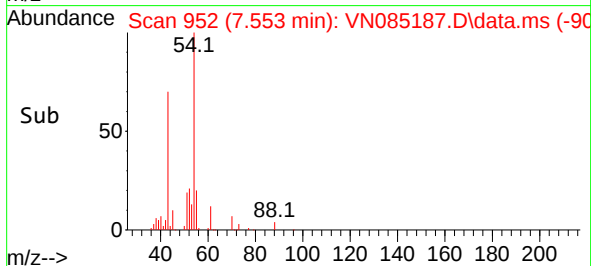
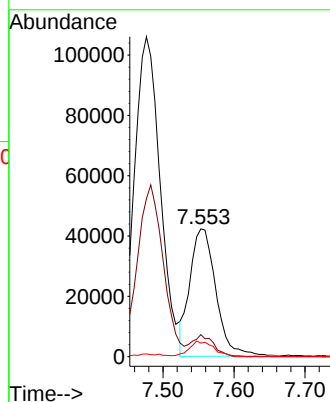
Tgt Ion: 43 Resp: 107759

Ion Ratio Lower Upper

43 100

61 14.8 11.7 17.5

70 11.4 9.3 13.9



#38

Carbon Tetrachloride

Concen: 52.815 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VN085187.D

Acq: 12 Dec 2024 16:29

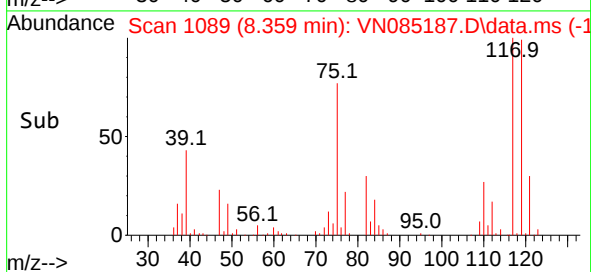
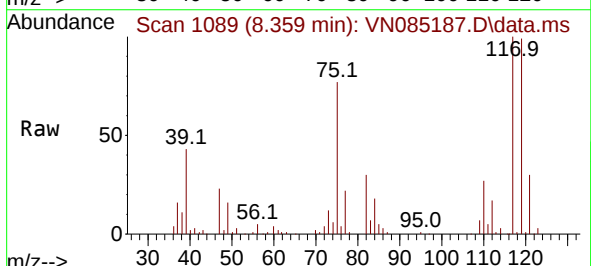
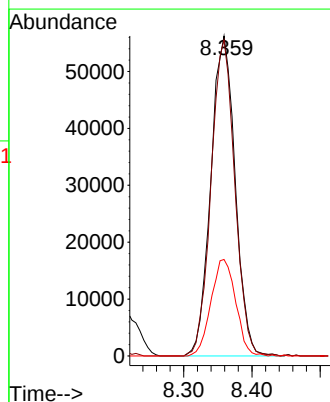
Tgt Ion: 117 Resp: 139715

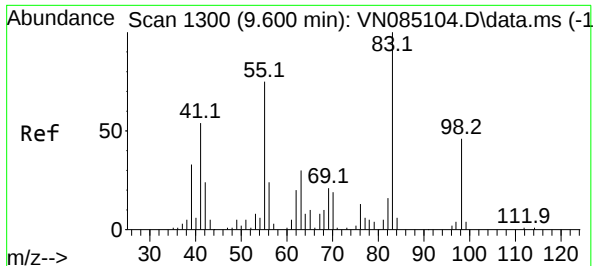
Ion Ratio Lower Upper

117 100

119 98.7 78.6 117.8

121 30.1 24.2 36.2





#39

Methylcyclohexane

Concen: 49.295 ug/l

RT: 9.594 min Scan# 117395

Delta R.T. -0.000 min

Lab File: VN085187.D

Acq: 12 Dec 2024 16:29

Instrument :

MSVOA_N

ClientSampleId :

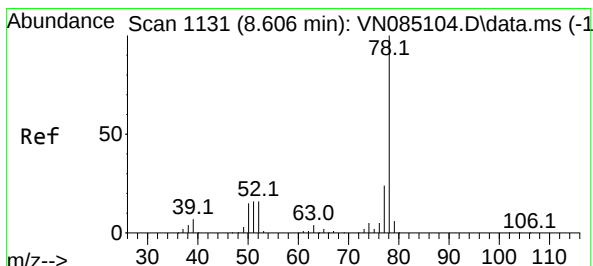
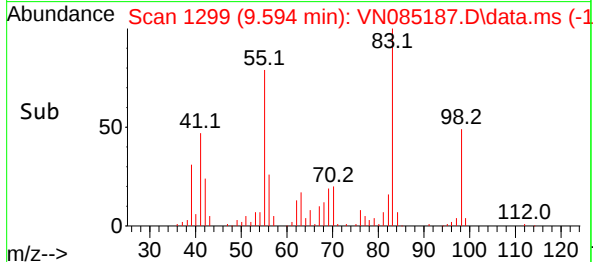
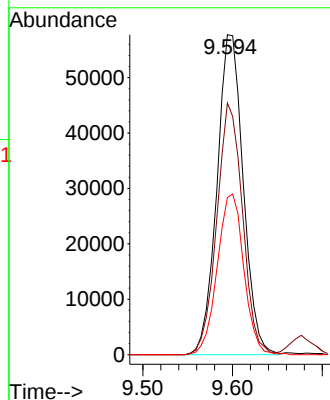
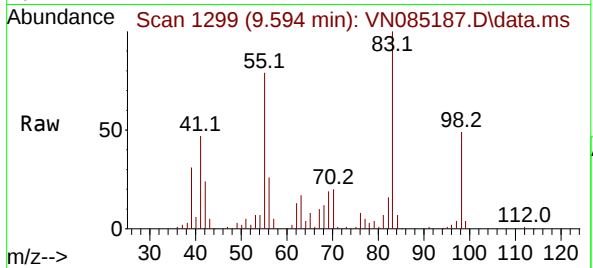
Tgt Ion: 83 Resp: 117395

Ion Ratio Lower Upper

83 100

55 78.7 61.8 92.6

98 49.2 37.0 55.6



#40

Benzene

Concen: 48.941 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN085187.D

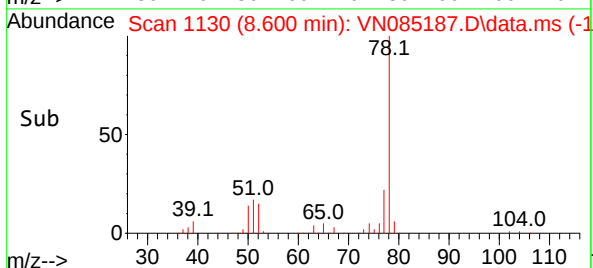
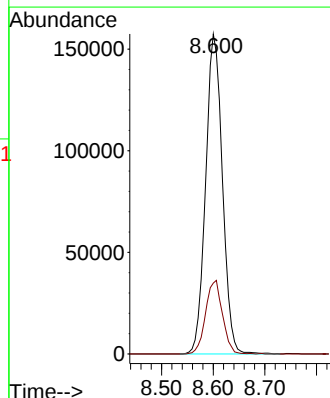
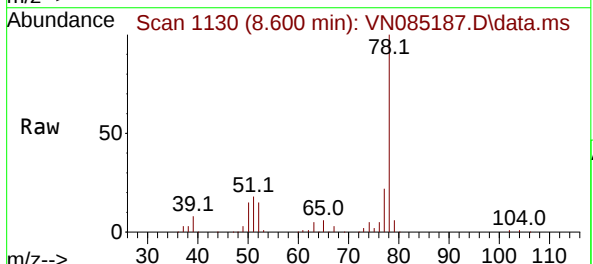
Acq: 12 Dec 2024 16:29

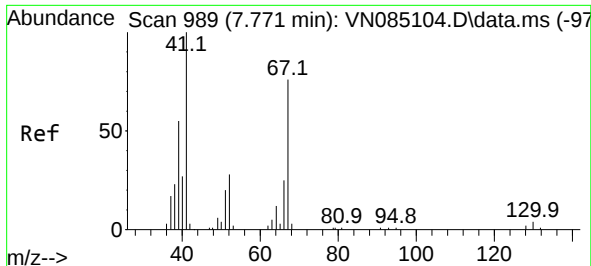
Tgt Ion: 78 Resp: 354747

Ion Ratio Lower Upper

78 100

77 22.1 18.5 27.7



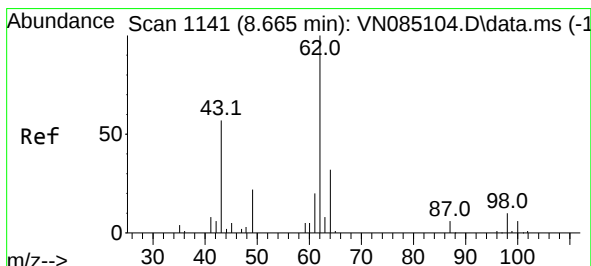
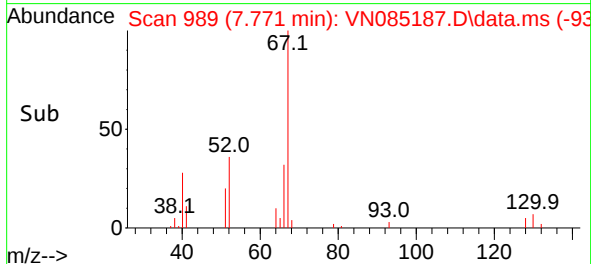
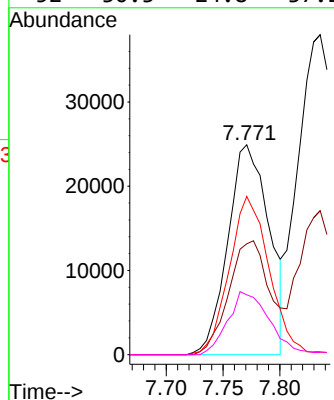
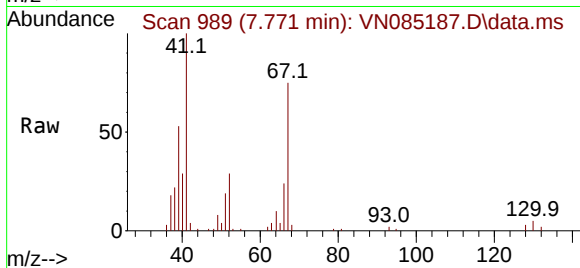


#41
Methacrylonitrile
Concen: 54.665 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 63059

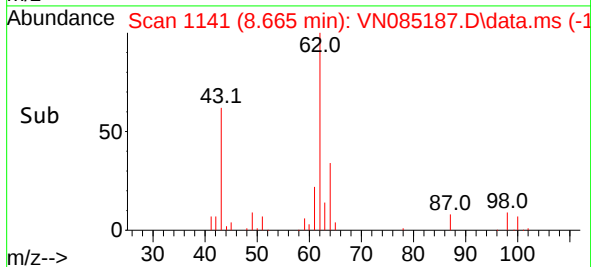
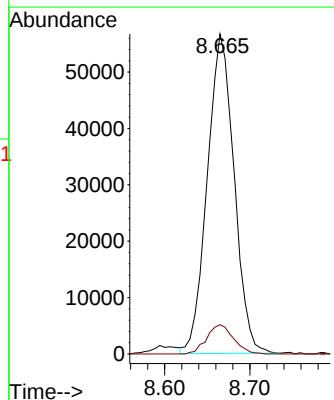
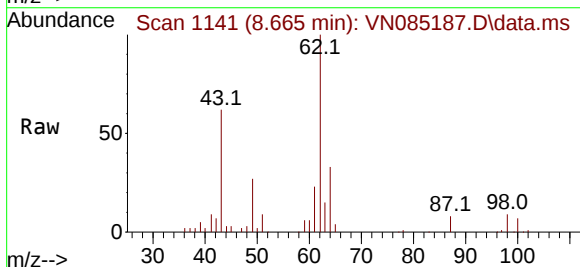
Ion	Ratio	Lower	Upper
41	100		
39	56.2	42.6	63.8
67	73.2	59.9	89.9
52	30.3	24.8	37.2

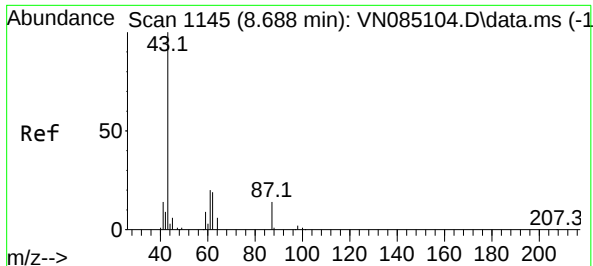


#42
1,2-Dichloroethane
Concen: 50.001 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Tgt Ion: 62 Resp: 123989

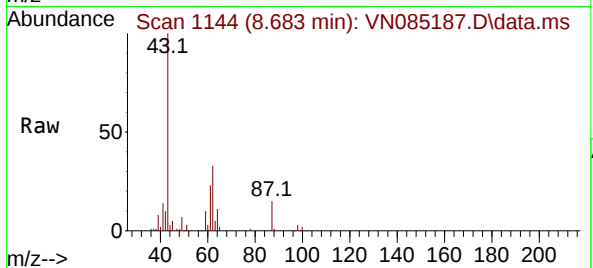
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.2



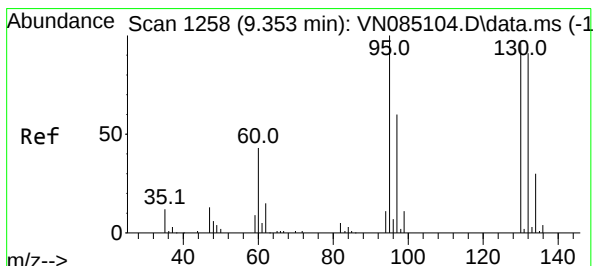
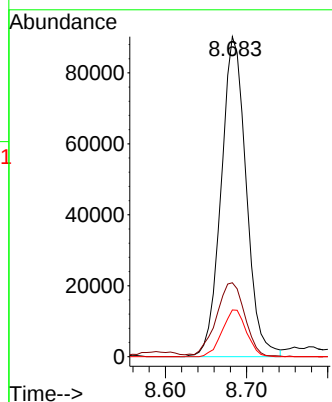
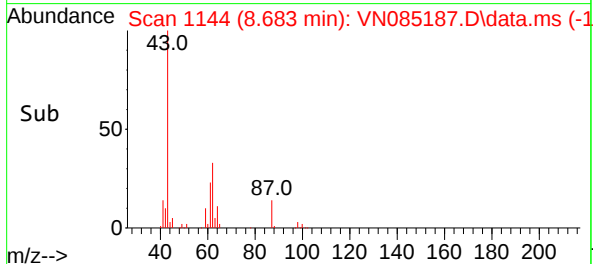


#43
Isopropyl Acetate
Concen: 44.699 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Instrument :
MSVOA_N
ClientSampleId :

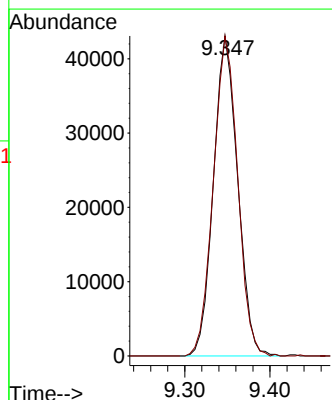
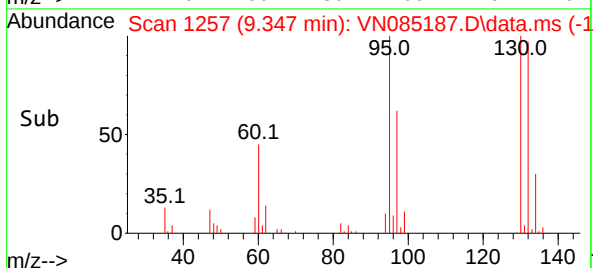
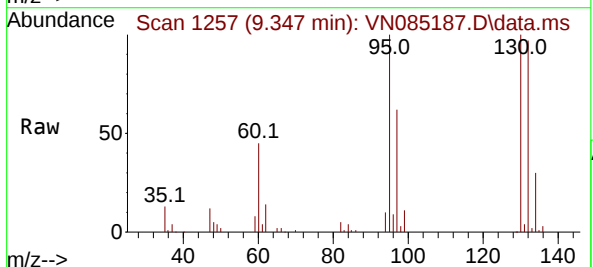


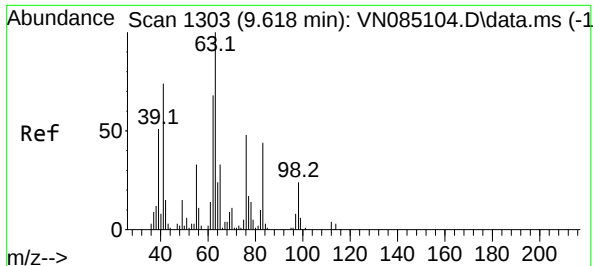
Tgt Ion: 43 Resp: 193442
Ion Ratio Lower Upper
43 100
61 26.5 20.6 30.8
87 14.1 11.0 16.4



#44
Trichloroethene
Concen: 50.441 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Tgt Ion: 130 Resp: 84967
Ion Ratio Lower Upper
130 100
95 99.9 0.0 213.4





#45

1,2-Dichloropropane

Concen: 49.697 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN085187.D

Acq: 12 Dec 2024 16:29

Instrument :

MSVOA_N

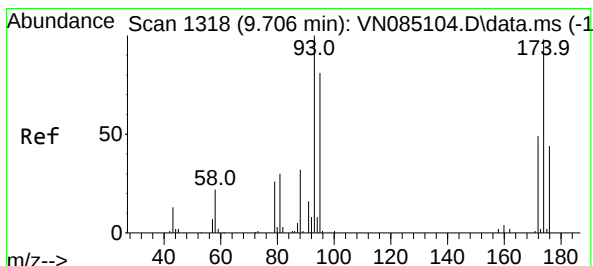
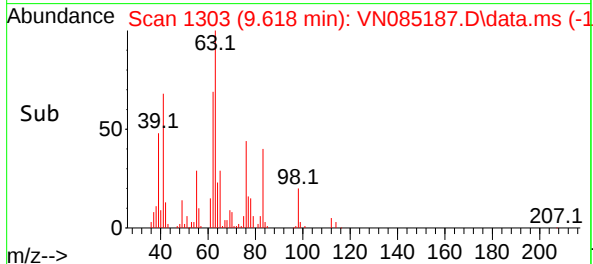
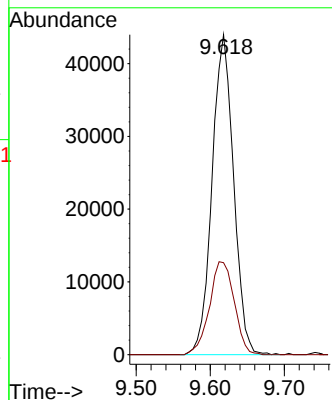
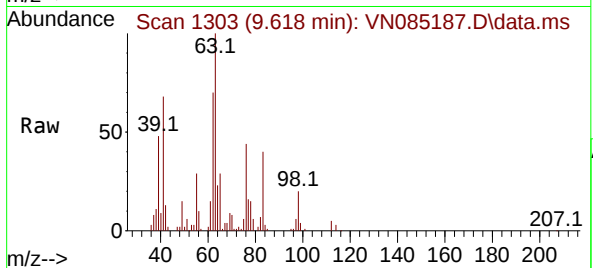
ClientSampleId :

Tgt Ion: 63 Resp: 88723

Ion Ratio Lower Upper

63 100

65 28.7 24.0 36.0



#46

Dibromomethane

Concen: 51.750 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN085187.D

Acq: 12 Dec 2024 16:29

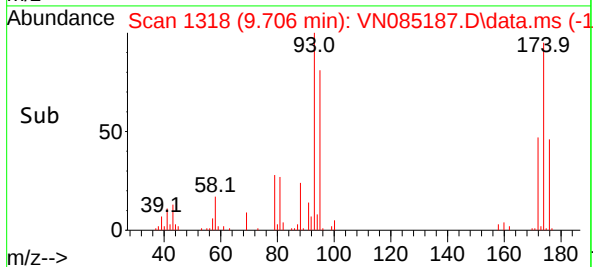
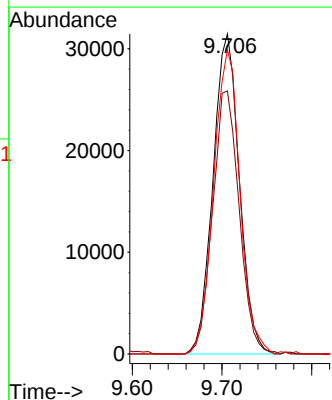
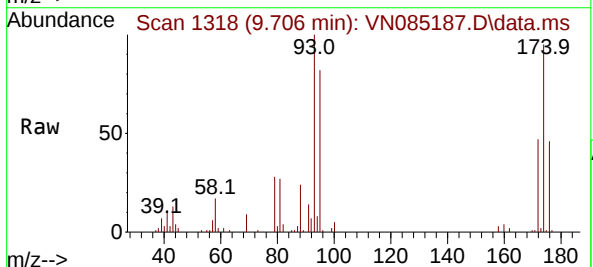
Tgt Ion: 93 Resp: 64197

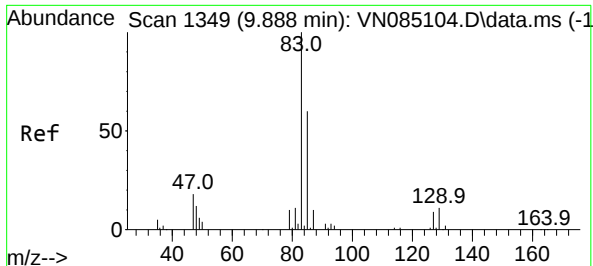
Ion Ratio Lower Upper

93 100

95 82.8 66.2 99.4

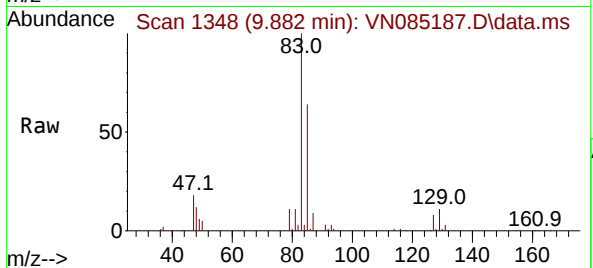
174 94.7 74.9 112.3



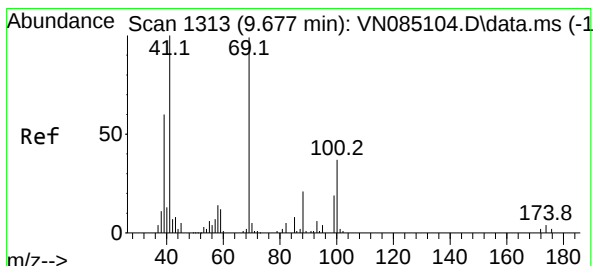
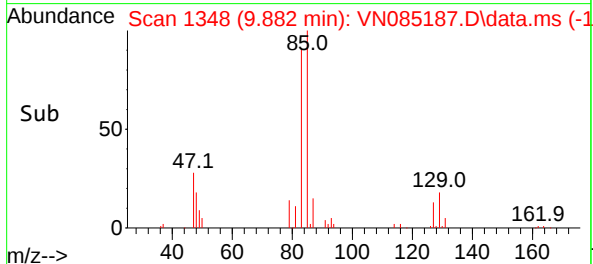
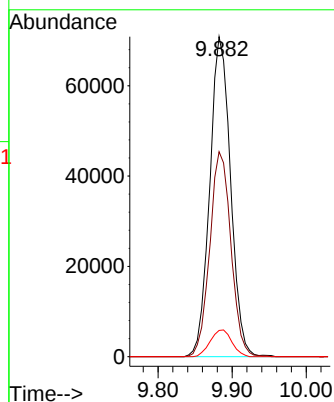


#47
Bromodichloromethane
Concen: 52.632 ug/l
RT: 9.882 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Instrument :
MSVOA_N
ClientSampleId :

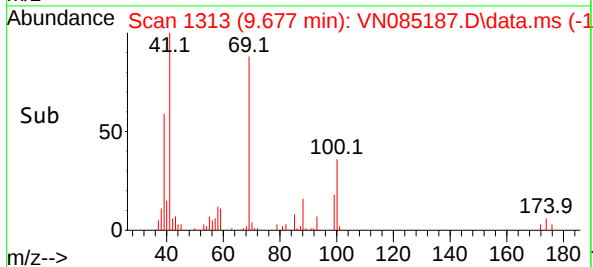
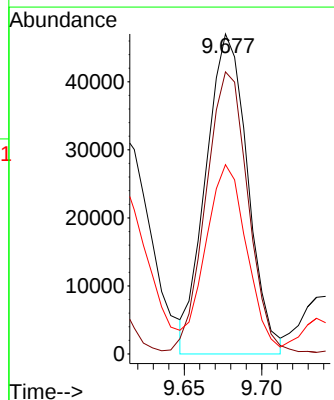
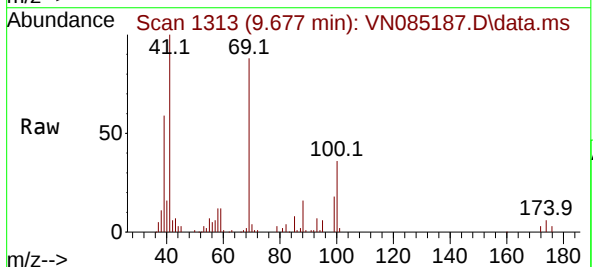


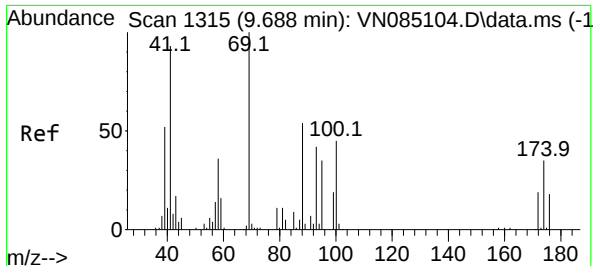
Tgt Ion: 83 Resp: 138381
Ion Ratio Lower Upper
83 100
85 64.0 50.5 75.7
127 8.2 7.1 10.7



#48
Methyl methacrylate
Concen: 54.864 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Tgt Ion: 41 Resp: 88355
Ion Ratio Lower Upper
41 100
69 90.1 73.2 109.8
39 58.6 46.2 69.4

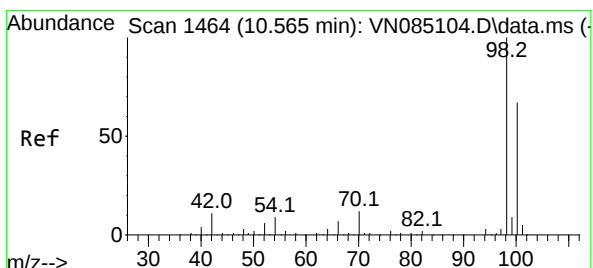
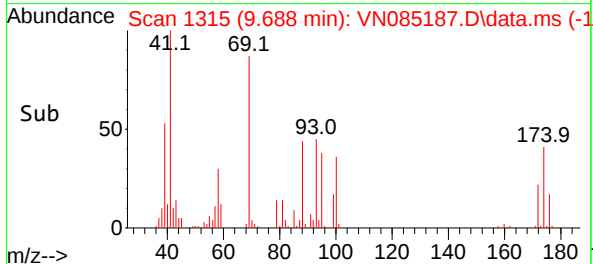
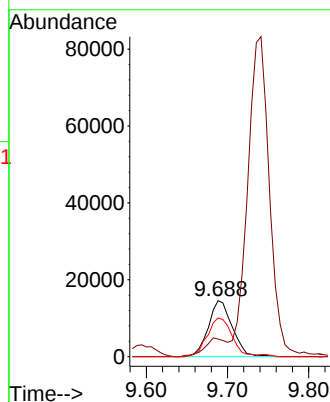
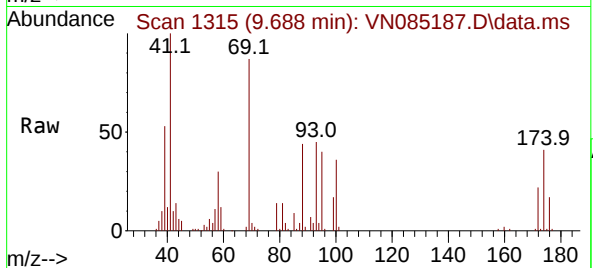




#49
1,4-Dioxane
Concen: 1066.431 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

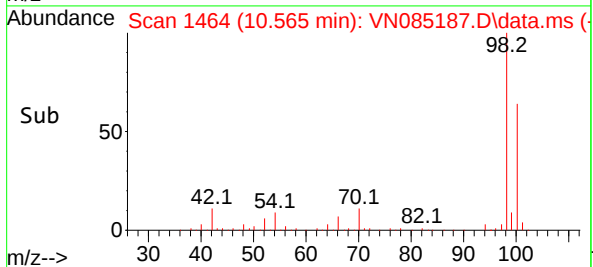
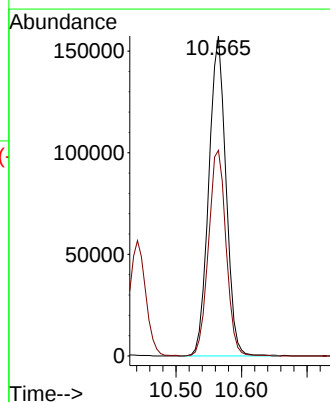
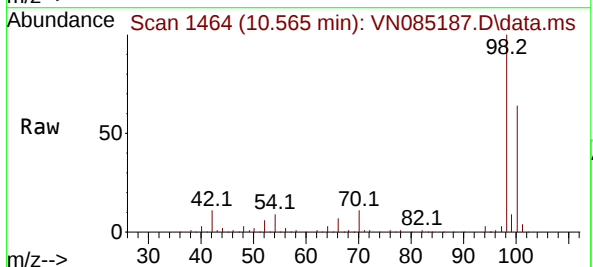
Instrument :
MSVOA_N
ClientSampleId :

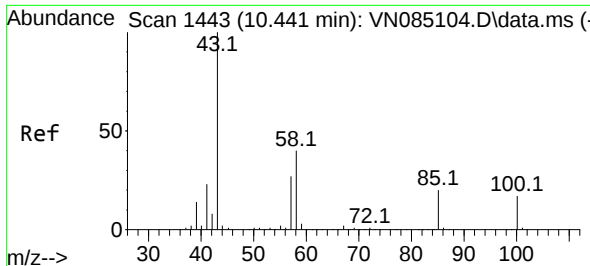
Tgt Ion: 88 Resp: 29783
Ion Ratio Lower Upper
88 100
43 30.3 16.7 25.1#
58 71.1 56.5 84.7



#50
Toluene-d8
Concen: 47.207 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Tgt Ion: 98 Resp: 286244
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7

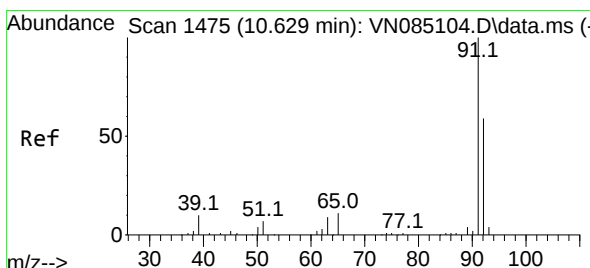
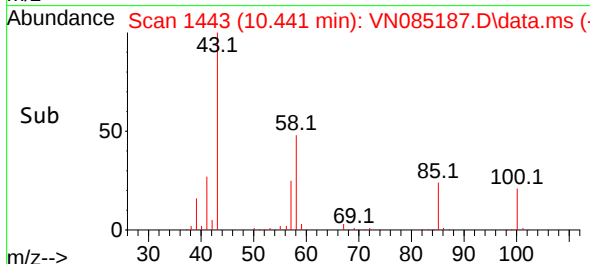
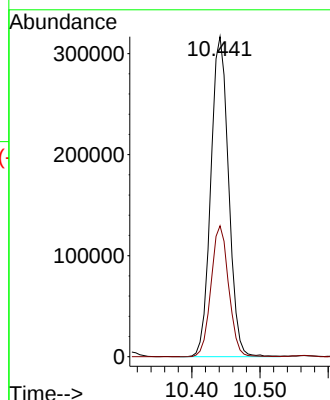
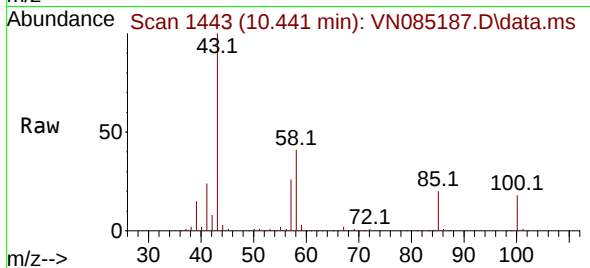




#51
4-Methyl-2-Pentanone
Concen: 290.798 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

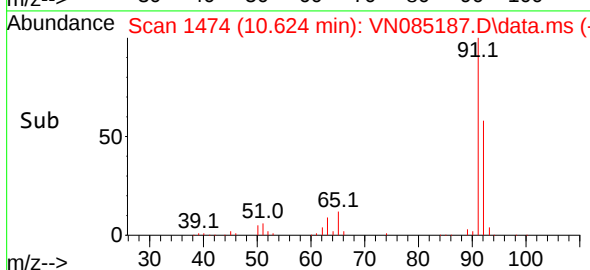
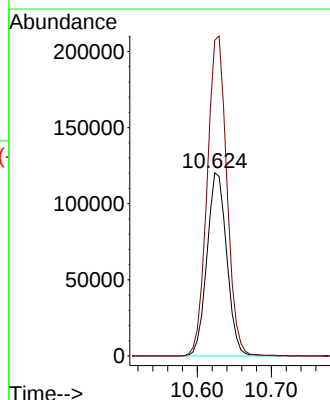
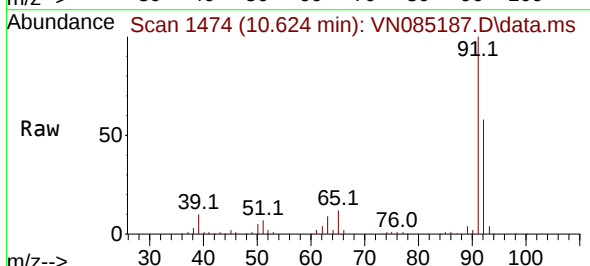
Instrument :
MSVOA_N
ClientSampleId :

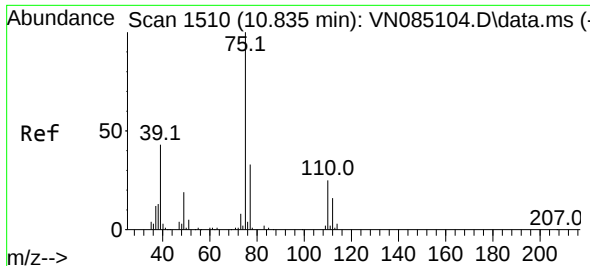
Tgt Ion: 43 Resp: 574816
Ion Ratio Lower Upper
43 100
58 40.5 32.1 48.1



#52
Toluene
Concen: 51.849 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Tgt Ion: 92 Resp: 222486
Ion Ratio Lower Upper
92 100
91 174.4 136.7 205.1

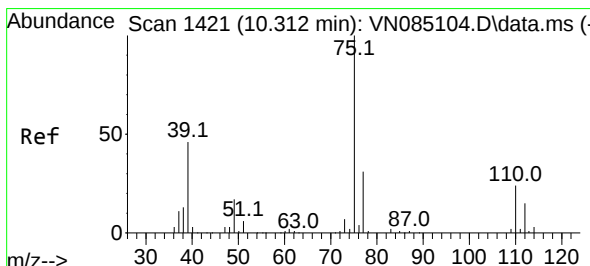
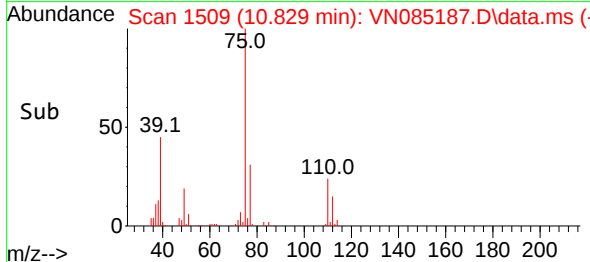
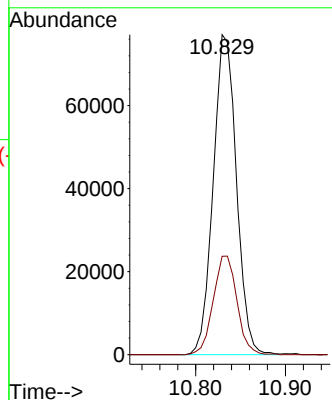
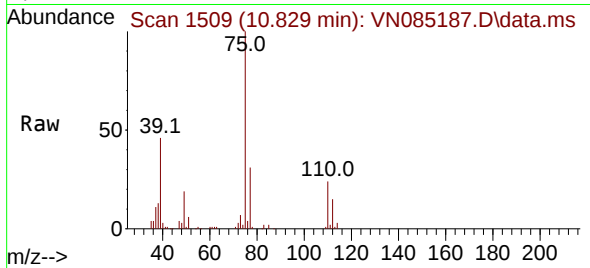




#53
t-1,3-Dichloropropene
Concen: 52.581 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. -0.006 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

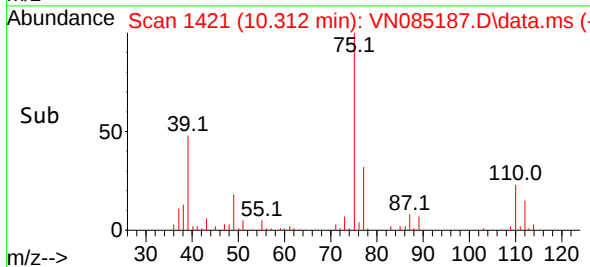
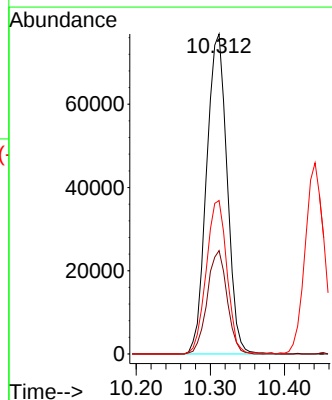
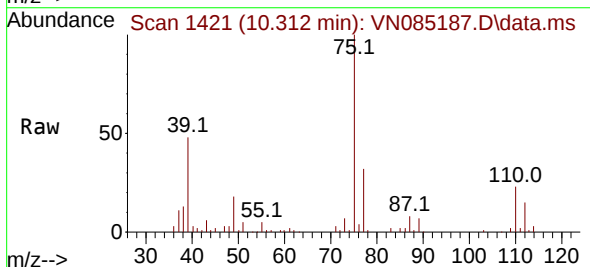
Instrument :
MSVOA_N
ClientSampleId :

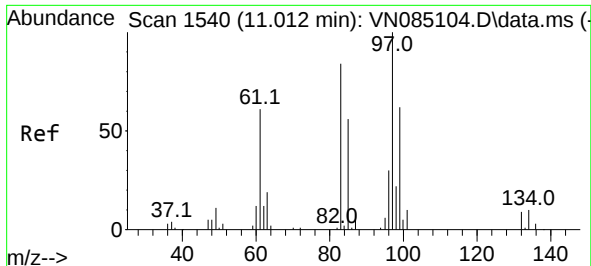
Tgt Ion: 75 Resp: 138602
Ion Ratio Lower Upper
75 100
77 30.8 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 52.934 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Tgt Ion: 75 Resp: 148027
Ion Ratio Lower Upper
75 100
77 32.3 25.0 37.4
39 47.9 37.6 56.4

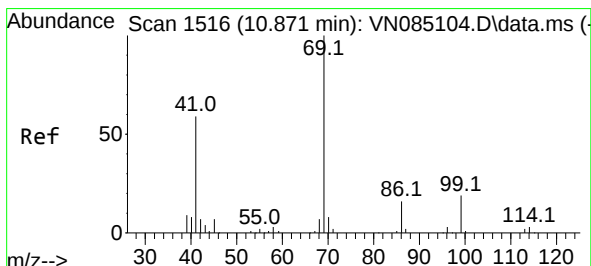
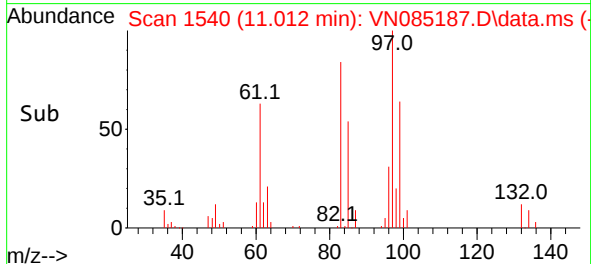
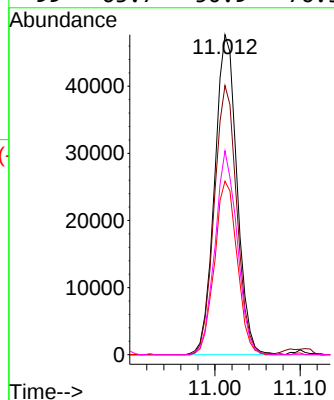
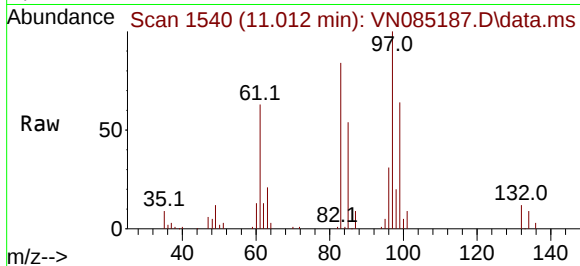




#55
 1,1,2-Trichloroethane
 Concen: 54.471 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. -0.000 min
 Lab File: VN085187.D
 Acq: 12 Dec 2024 16:29

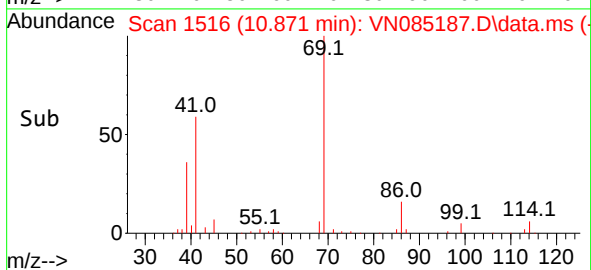
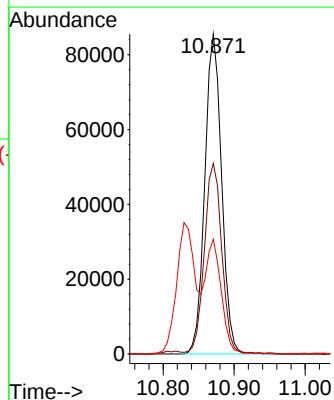
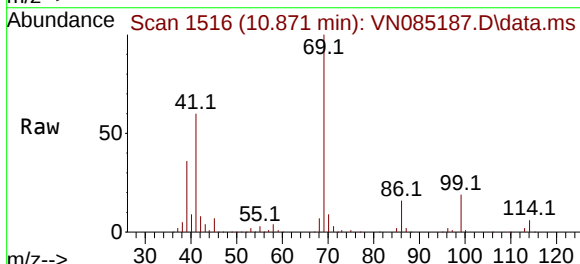
Instrument :
 MSVOA_N
 ClientSampleId :

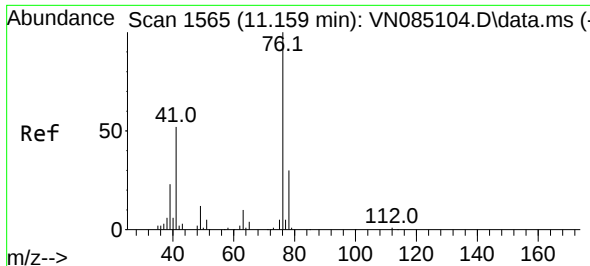
Tgt Ion: 97	Resp: 87061
Ion Ratio	Lower Upper
97 100	
83 84.1	67.4 101.2
85 54.2	43.1 64.7
99 63.7	50.9 76.3



#56
 Ethyl methacrylate
 Concen: 60.340 ug/l
 RT: 10.871 min Scan# 1516
 Delta R.T. -0.000 min
 Lab File: VN085187.D
 Acq: 12 Dec 2024 16:29

Tgt Ion: 69	Resp: 140927		
Ion Ratio	Lower	Upper	
69 100			
41 62.0	50.0	75.0	
39 32.9	27.0	40.6	





#57

1,3-Dichloropropane

Concen: 51.966 ug/l

RT: 11.159 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN085187.D

Acq: 12 Dec 2024 16:29

Instrument :

MSVOA_N

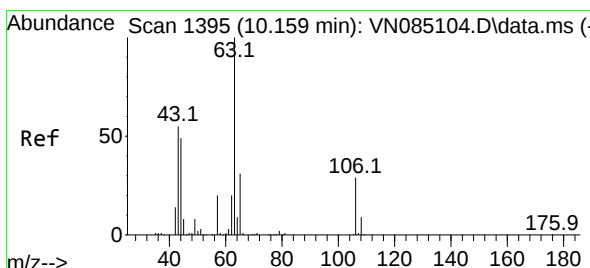
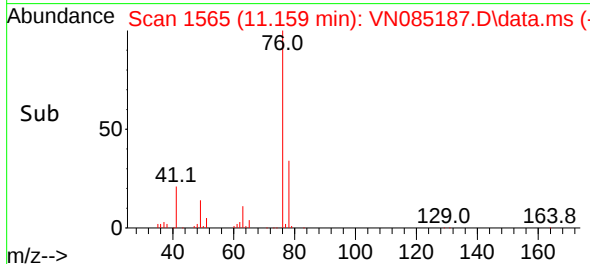
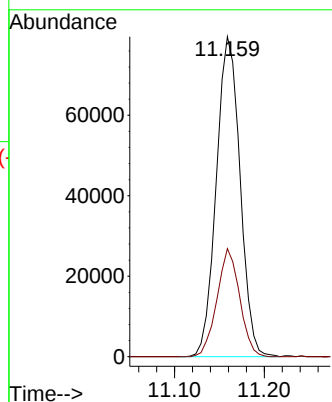
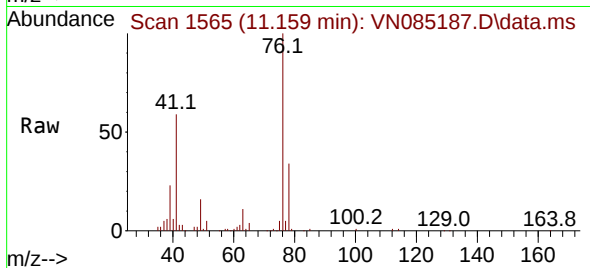
ClientSampleId :

Tgt Ion: 76 Resp: 146182

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 272.352 ug/l

RT: 10.153 min Scan# 1394

Delta R.T. -0.006 min

Lab File: VN085187.D

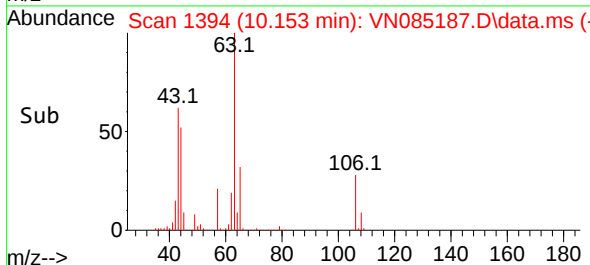
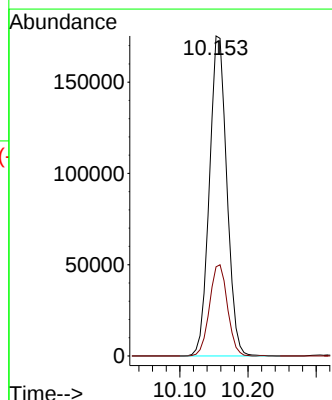
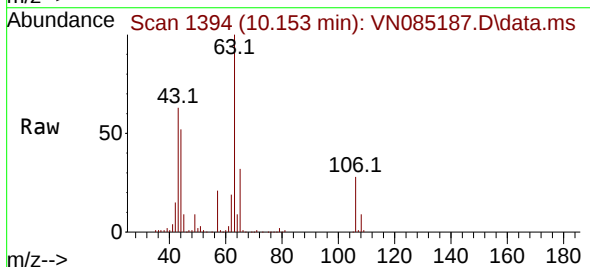
Acq: 12 Dec 2024 16:29

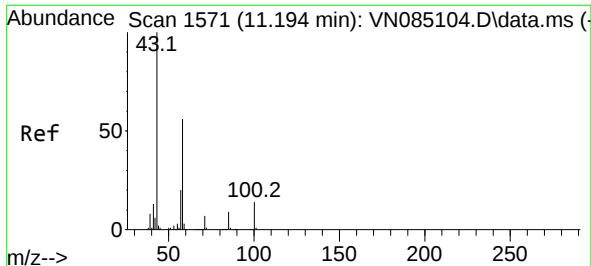
Tgt Ion: 63 Resp: 312019

Ion Ratio Lower Upper

63 100

106 29.3 23.0 34.6

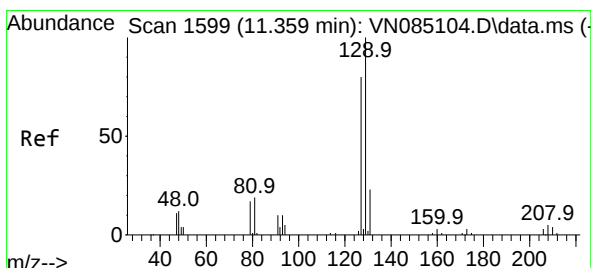
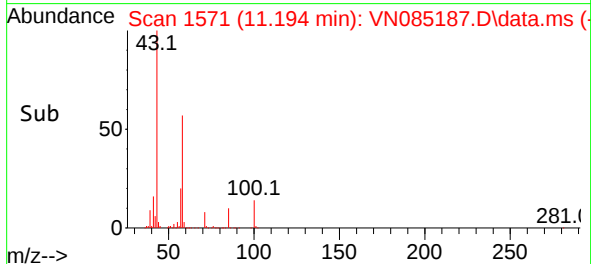
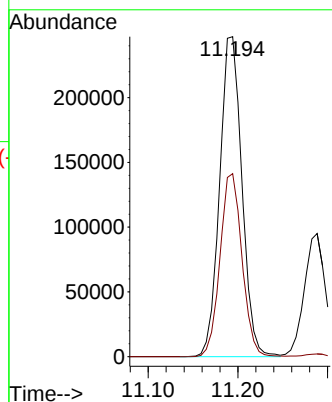
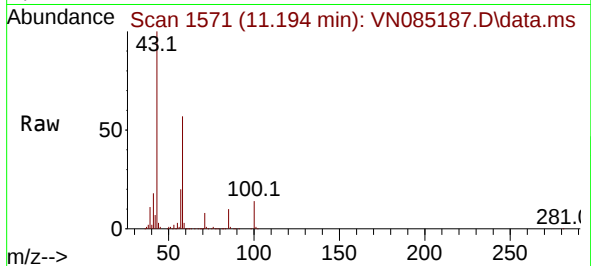




#59
2-Hexanone
Concen: 288.015 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

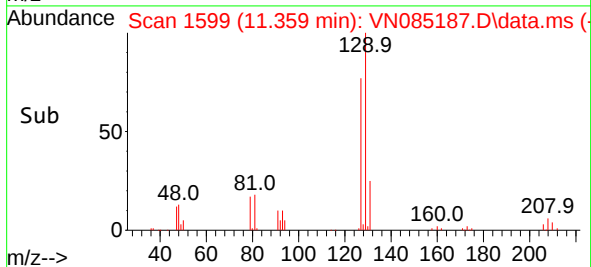
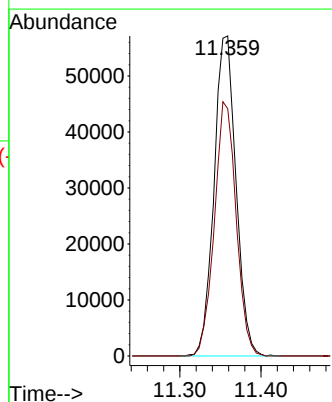
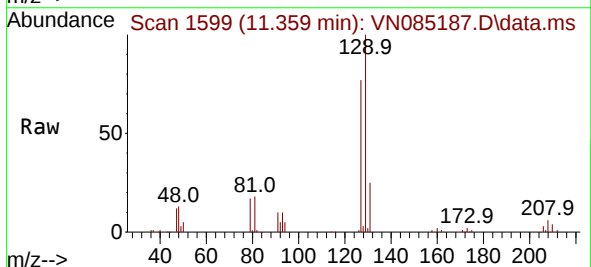
Instrument :
MSVOA_N
ClientSampleId :

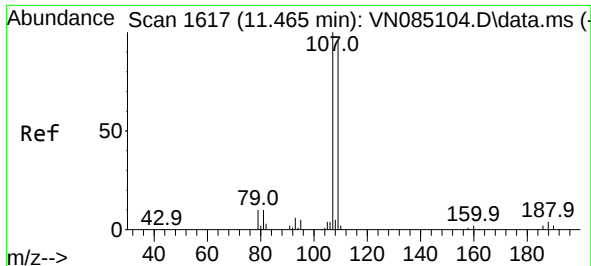
Tgt Ion: 43 Resp: 425793
Ion Ratio Lower Upper
43 100
58 56.4 28.3 85.0



#60
Dibromochloromethane
Concen: 55.043 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Tgt Ion:129 Resp: 107520
Ion Ratio Lower Upper
129 100
127 78.6 39.2 117.6

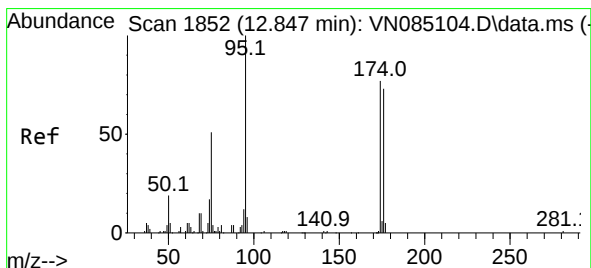
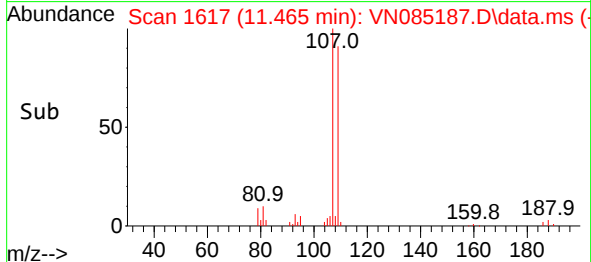
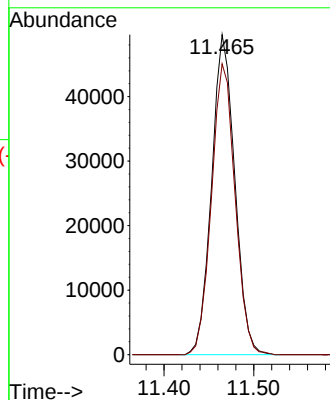
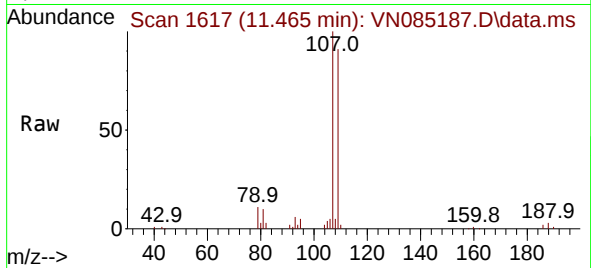




#61
1,2-Dibromoethane
Concen: 53.646 ug/l
RT: 11.465 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

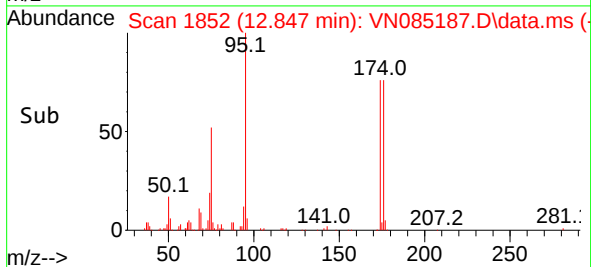
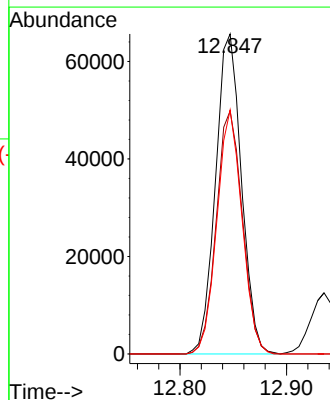
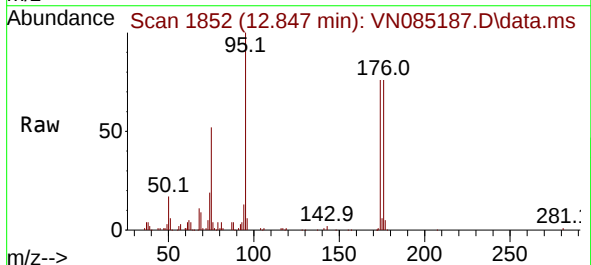
Instrument :
MSVOA_N
ClientSampleId :

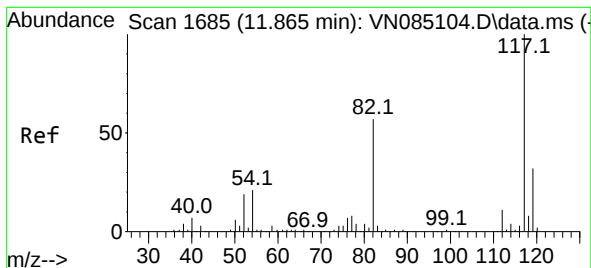
Tgt Ion:107 Resp: 88737
Ion Ratio Lower Upper
107 100
109 92.6 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 48.818 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Tgt Ion: 95 Resp: 110700
Ion Ratio Lower Upper
95 100
174 76.8 0.0 146.6
176 73.9 0.0 141.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085187.D

Acq: 12 Dec 2024 16:29

Instrument :

MSVOA_N

ClientSampleId :

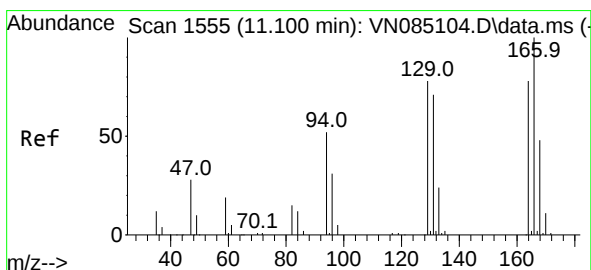
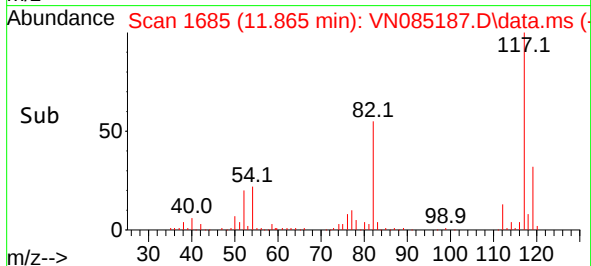
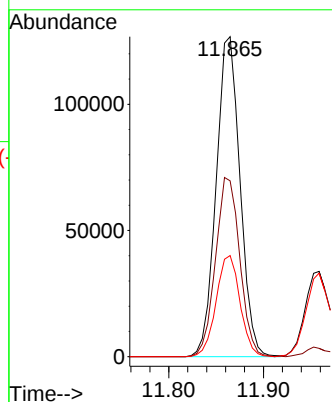
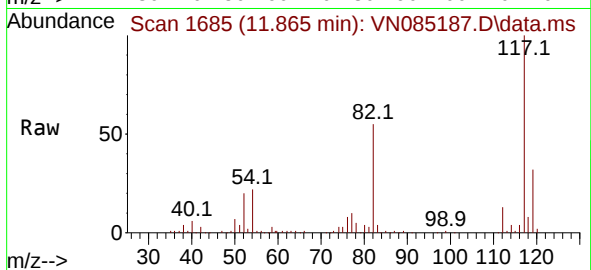
Tgt Ion:117 Resp: 222380

Ion Ratio Lower Upper

117 100

82 55.0 46.0 69.0

119 31.6 25.6 38.4



#64

Tetrachloroethene

Concen: 50.944 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VN085187.D

Acq: 12 Dec 2024 16:29

Tgt Ion:164 Resp: 76338

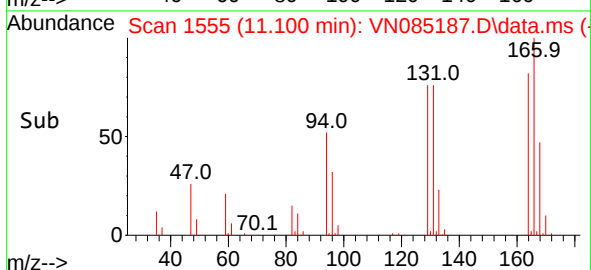
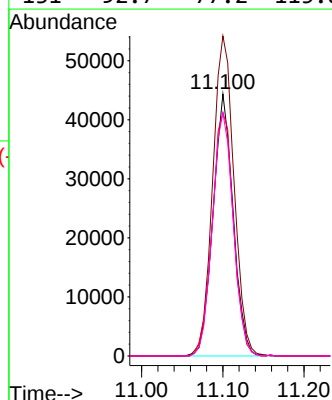
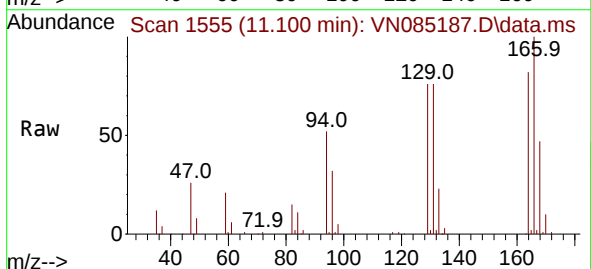
Ion Ratio Lower Upper

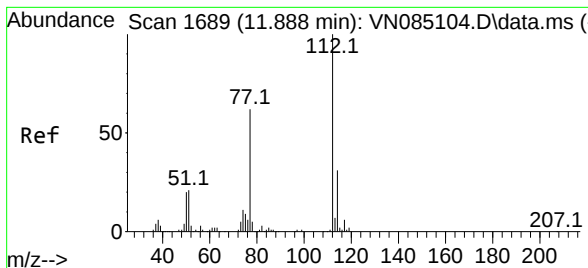
164 100

166 122.1 100.6 151.0

129 92.9 77.7 116.5

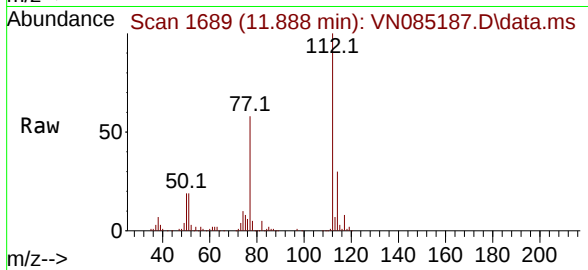
131 92.7 77.2 115.8



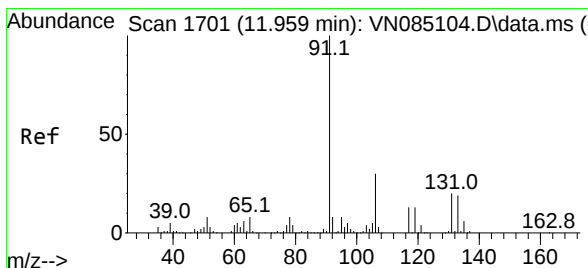
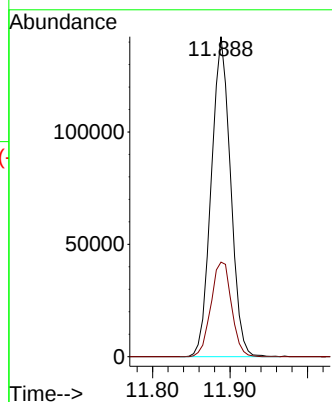
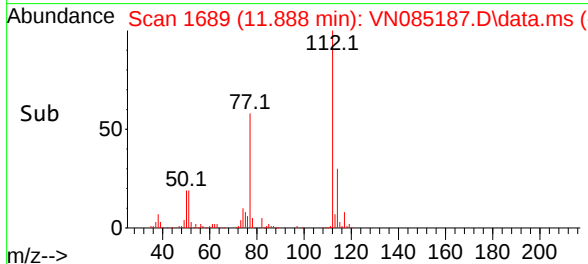


#65
Chlorobenzene
Concen: 48.766 ug/l
RT: 11.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Instrument :
MSVOA_N
ClientSampleId :

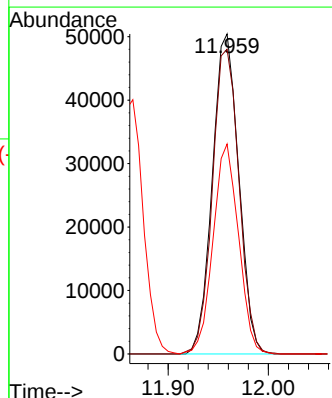
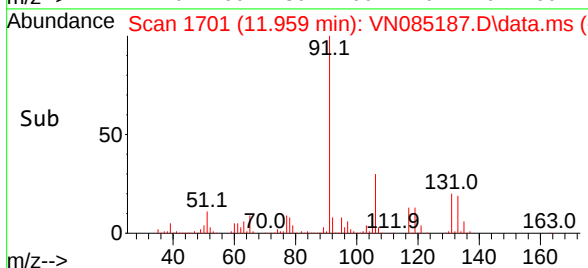
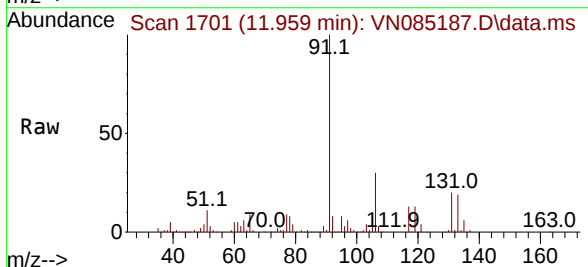


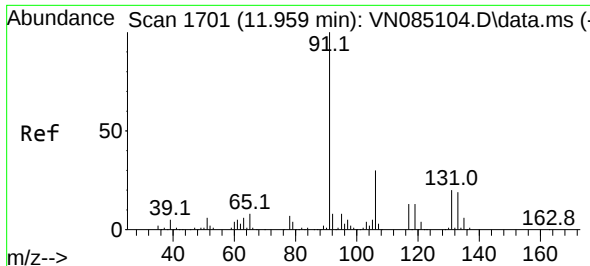
Tgt Ion:112 Resp: 245940
Ion Ratio Lower Upper
112 100
114 29.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.953 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Tgt Ion:131 Resp: 92252
Ion Ratio Lower Upper
131 100
133 96.3 47.8 143.4
119 63.4 32.1 96.3

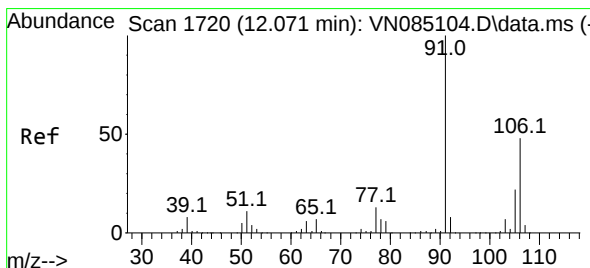
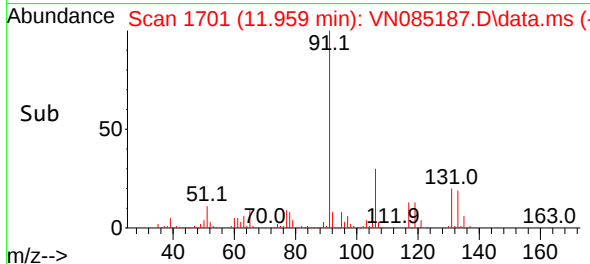
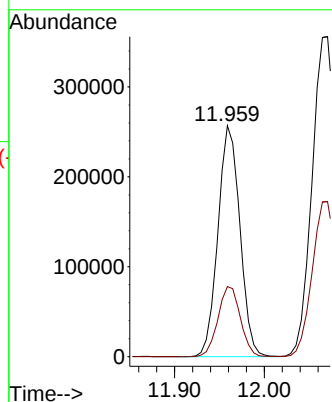
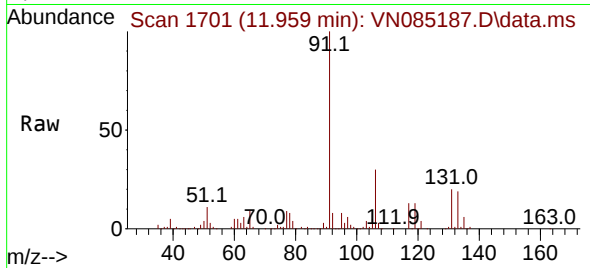




#67
Ethyl Benzene
Concen: 53.333 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

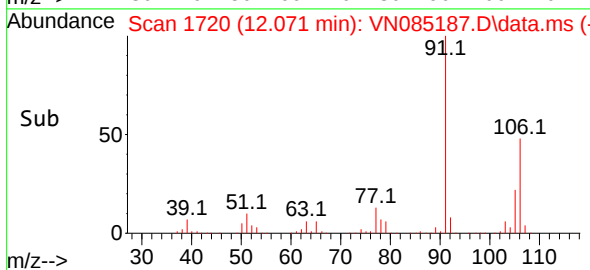
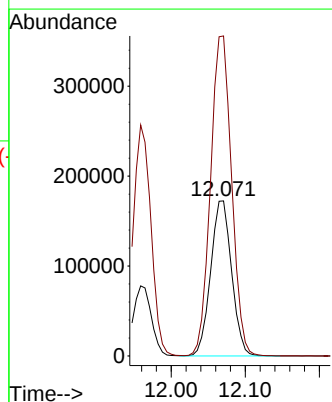
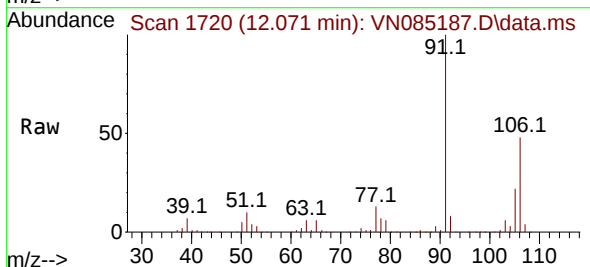
Instrument :
MSVOA_N
ClientSampleId :

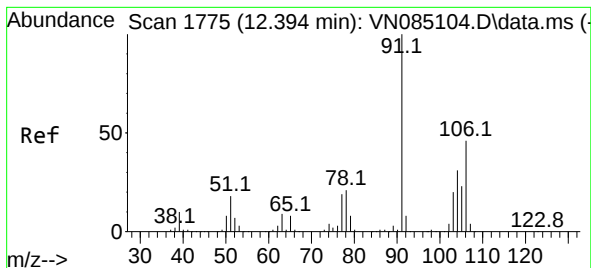
Tgt Ion: 91 Resp: 436384
Ion Ratio Lower Upper
91 100
106 30.4 24.7 37.1



#68
m/p-Xylenes
Concen: 108.750 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Tgt Ion: 106 Resp: 338767
Ion Ratio Lower Upper
106 100
91 207.5 168.0 252.0





#69

o-Xylene

Concen: 53.665 ug/l

RT: 12.394 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN085187.D

Acq: 12 Dec 2024 16:29

Instrument :

MSVOA_N

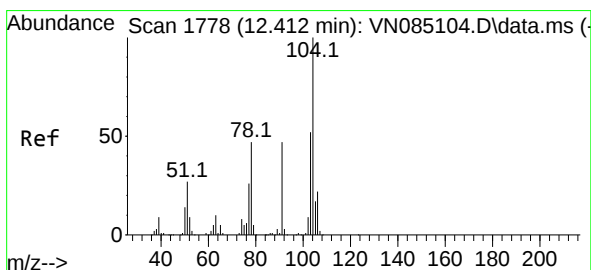
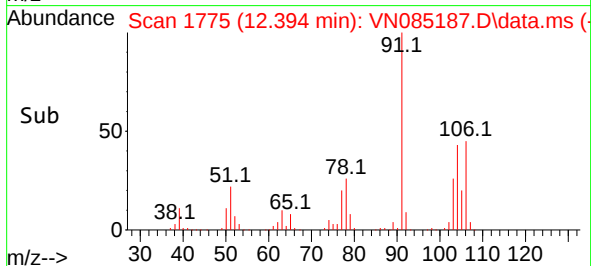
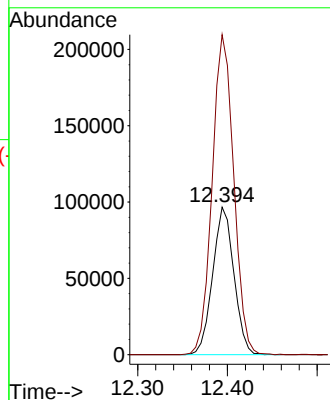
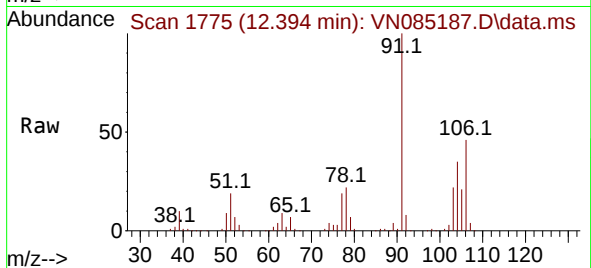
ClientSampleId :

Tgt Ion:106 Resp: 159020

Ion Ratio Lower Upper

106 100

91 220.2 110.7 331.9



#70

Styrene

Concen: 56.820 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VN085187.D

Acq: 12 Dec 2024 16:29

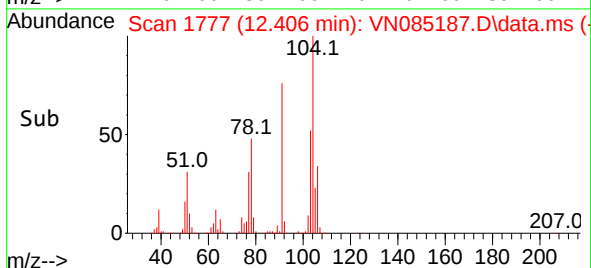
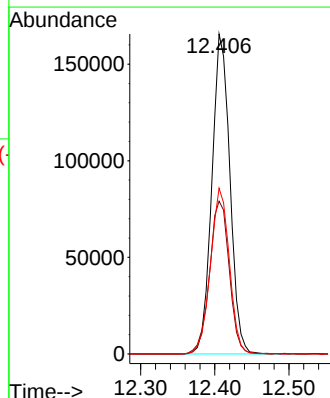
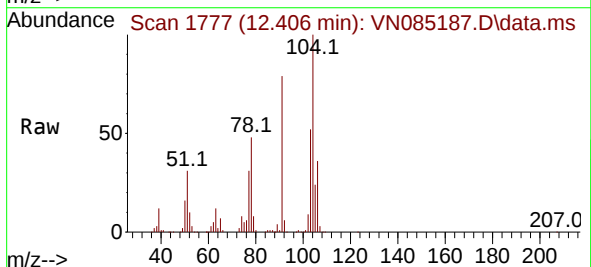
Tgt Ion:104 Resp: 279996

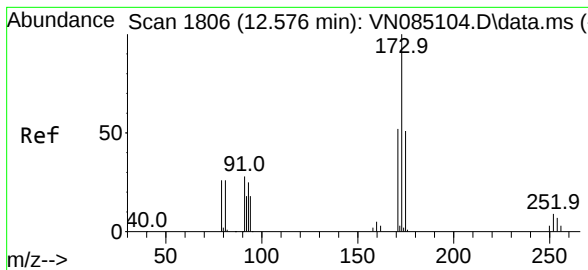
Ion Ratio Lower Upper

104 100

78 52.2 42.3 63.5

103 54.2 44.2 66.2





#71

Bromoform

Concen: 58.827 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN085187.D

Acq: 12 Dec 2024 16:29

Instrument :

MSVOA_N

ClientSampleId :

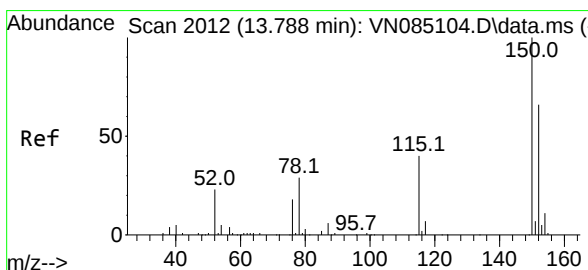
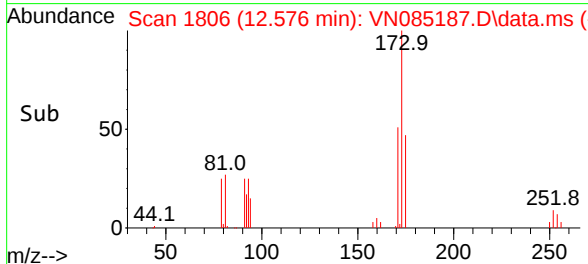
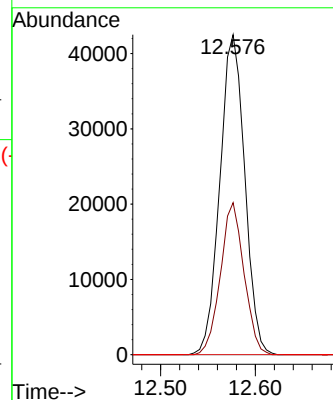
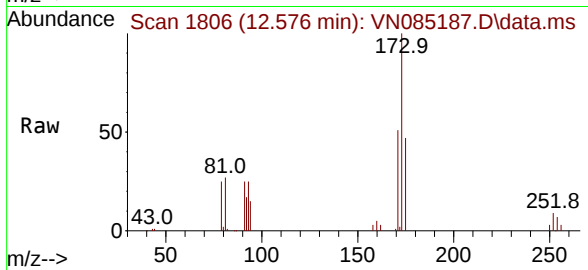
Tgt Ion:173 Resp: 77538

Ion Ratio Lower Upper

173 100

175 45.0 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: VN085187.D

Acq: 12 Dec 2024 16:29

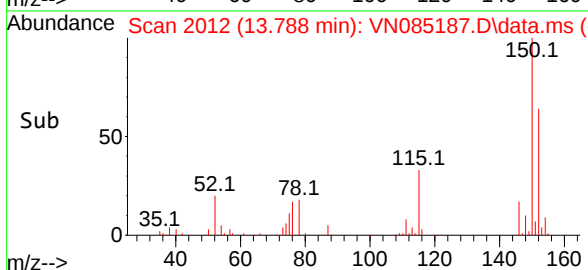
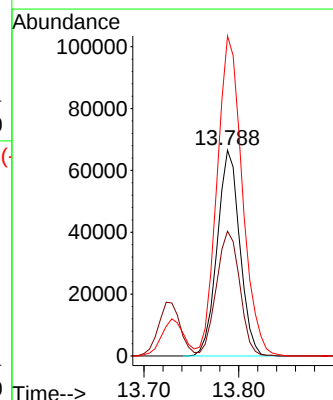
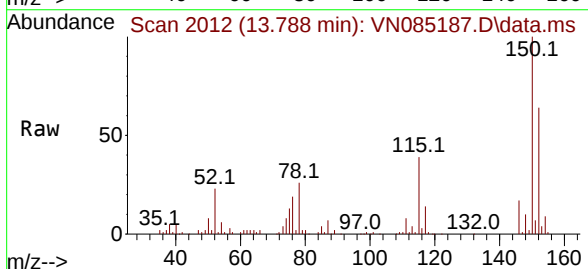
Tgt Ion:152 Resp: 110170

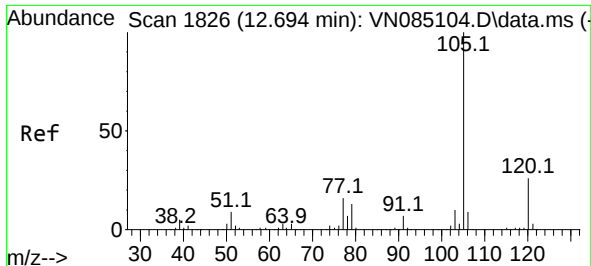
Ion Ratio Lower Upper

152 100

115 63.0 31.7 95.1

150 173.9 0.0 351.4

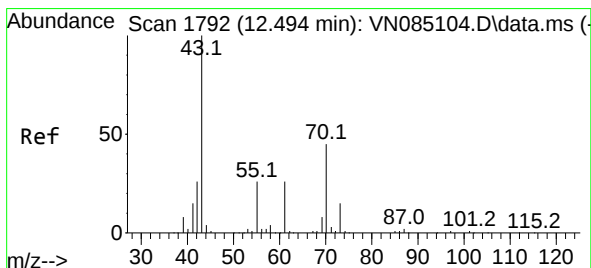
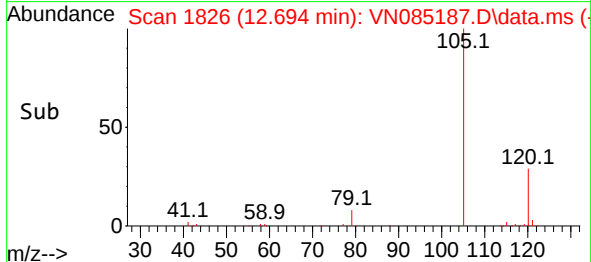
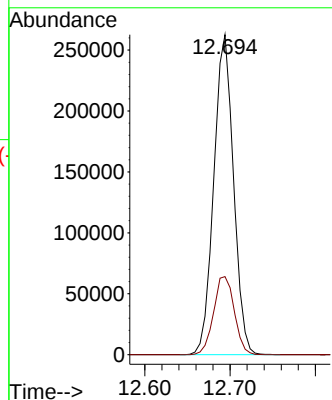
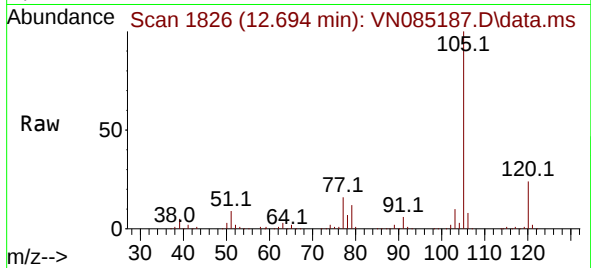




#73
Isopropylbenzene
Concen: 54.208 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

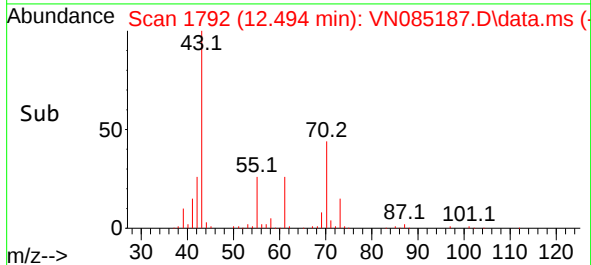
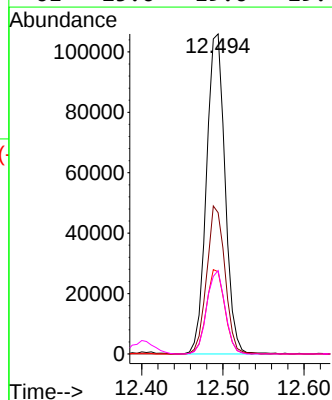
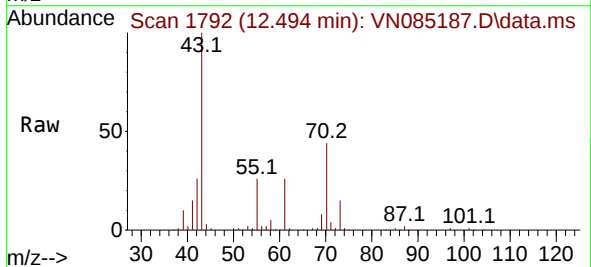
Instrument :
MSVOA_N
ClientSampleId :

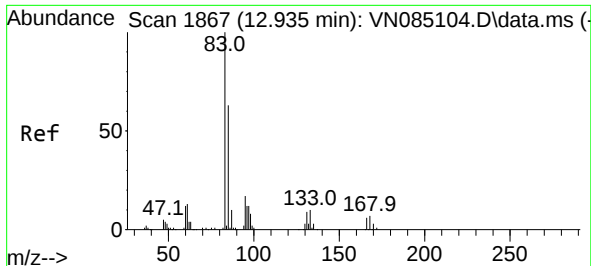
Tgt Ion:105 Resp: 421314
Ion Ratio Lower Upper
105 100
120 25.7 13.0 39.0



#74
N-ethyl acetate
Concen: 52.516 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Tgt Ion: 43 Resp: 168193
Ion Ratio Lower Upper
43 100
70 45.3 34.6 51.8
55 26.2 20.5 30.7
61 25.6 19.6 29.4

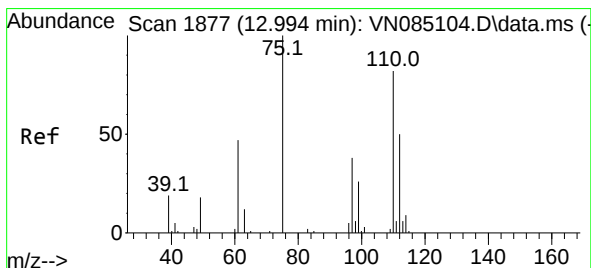
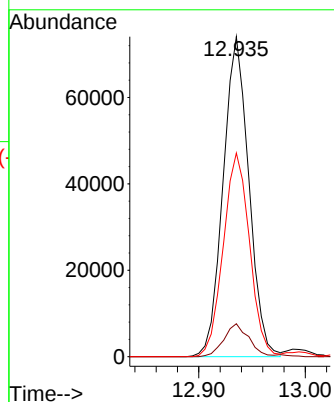
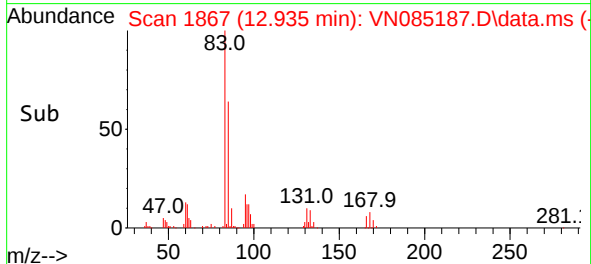
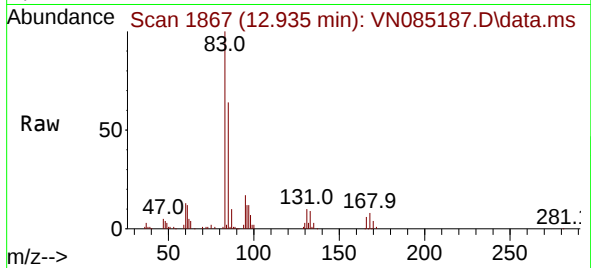




#75
1,1,2,2-Tetrachloroethane
Concen: 46.790 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

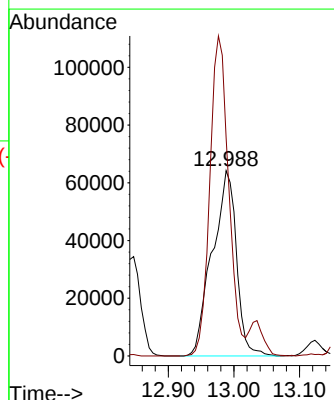
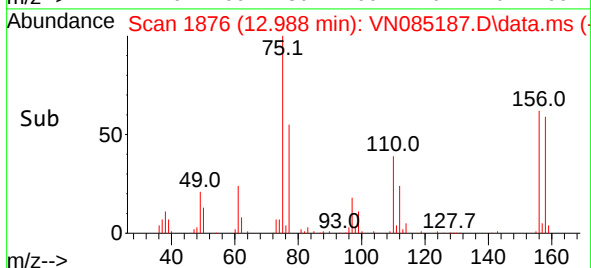
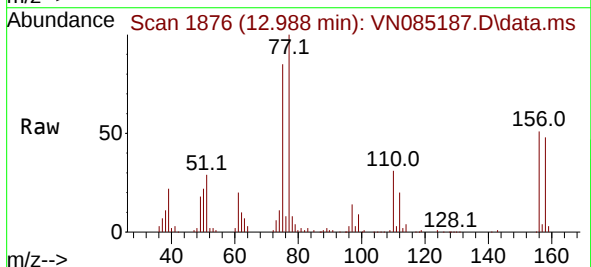
Instrument :
MSVOA_N
ClientSampleId :

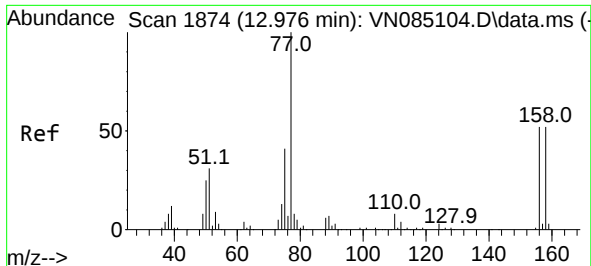
Tgt Ion: 83 Resp: 124180
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.4
85 65.0 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 81.976 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Tgt Ion: 75 Resp: 164273
Ion Ratio Lower Upper
75 100
77 134.9 109.1 327.4

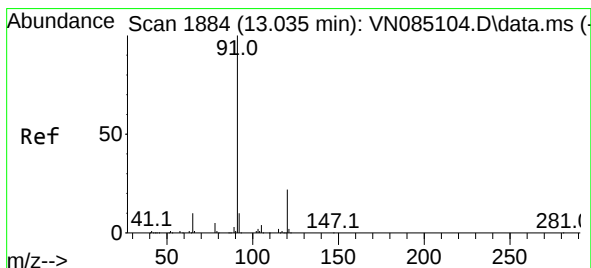
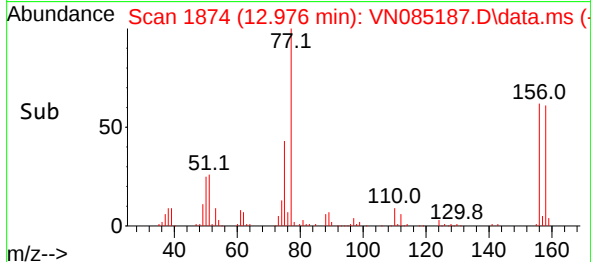
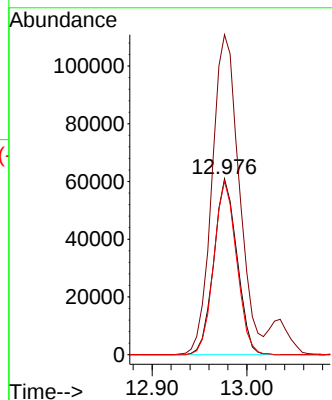
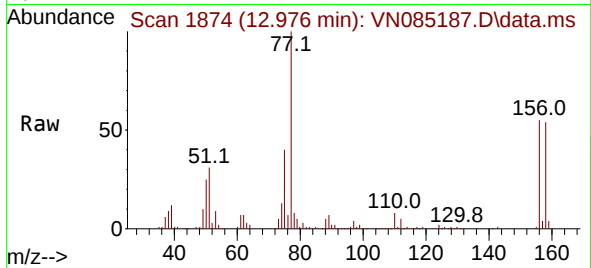




#77
Bromobenzene
Concen: 49.548 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

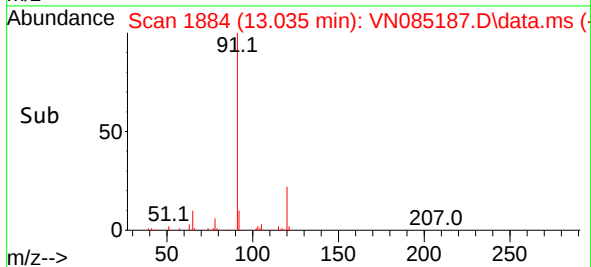
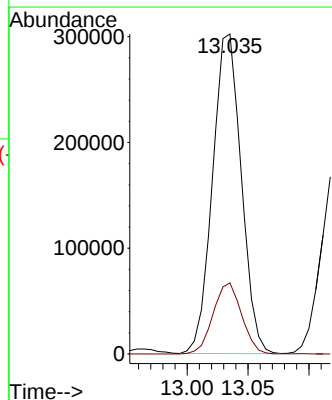
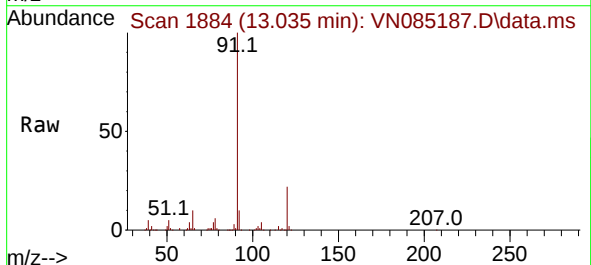
Instrument :
MSVOA_N
ClientSampleId :

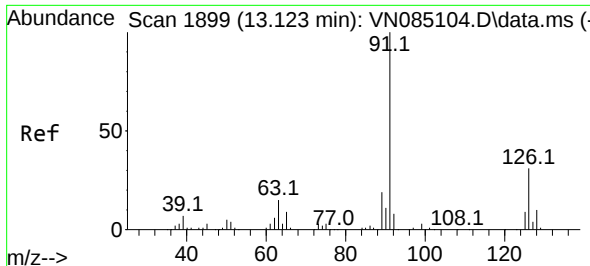
Tgt Ion:156 Resp: 103632
Ion Ratio Lower Upper
156 100
77 213.8 107.2 321.6
158 96.9 48.5 145.6



#78
n-propylbenzene
Concen: 55.338 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Tgt Ion: 91 Resp: 496070
Ion Ratio Lower Upper
91 100
120 22.1 11.3 33.9

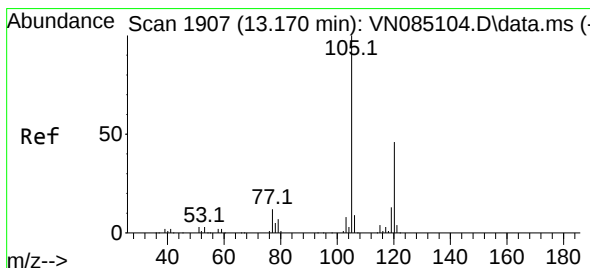
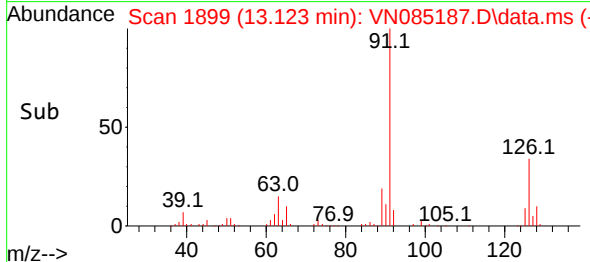
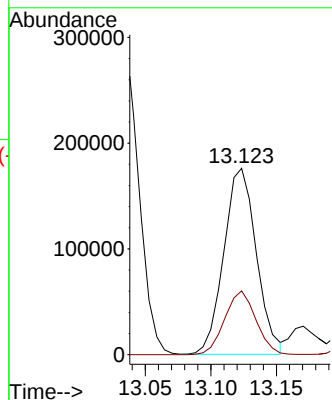
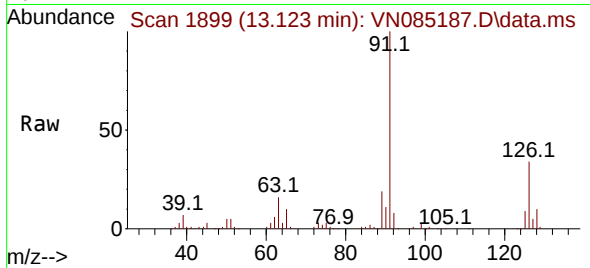




#79
2-Chlorotoluene
Concen: 50.788 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

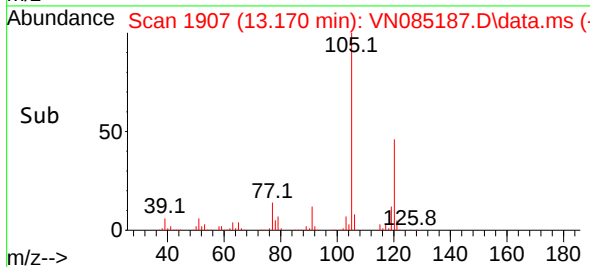
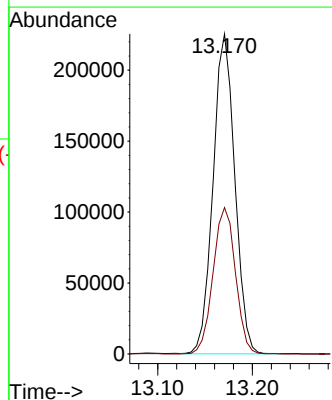
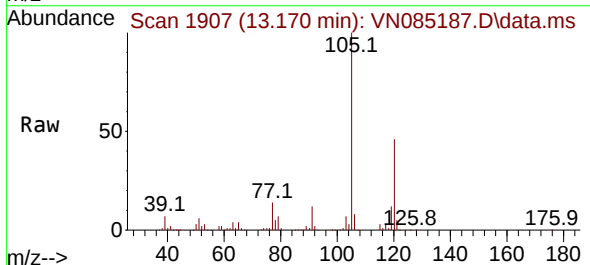
Instrument :
MSVOA_N
ClientSampleId :

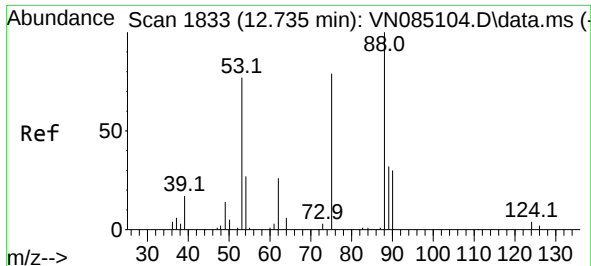
Tgt Ion: 91 Resp: 303924
Ion Ratio Lower Upper
91 100
126 32.9 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 55.150 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Tgt Ion:105 Resp: 359675
Ion Ratio Lower Upper
105 100
120 47.1 23.6 71.0

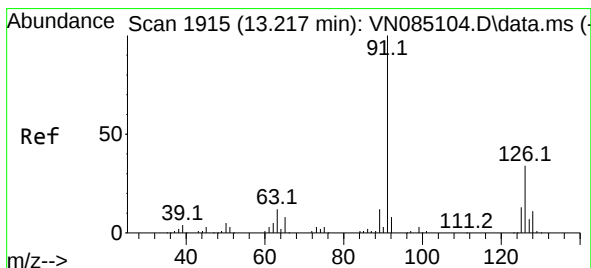
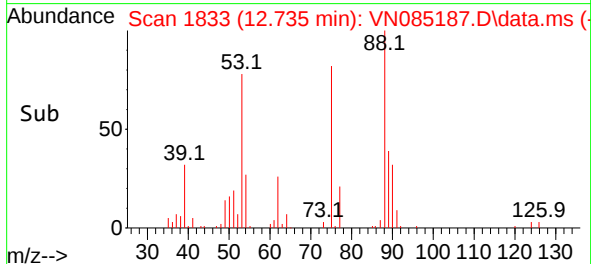
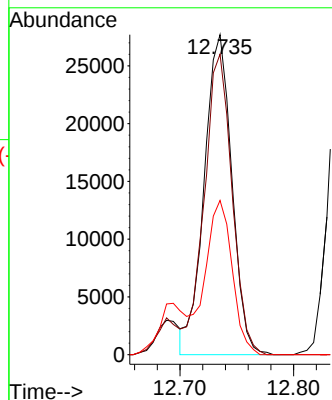
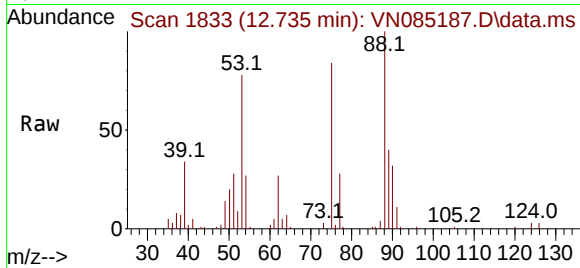




#81
trans-1,4-Dichloro-2-butene
Concen: 51.596 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

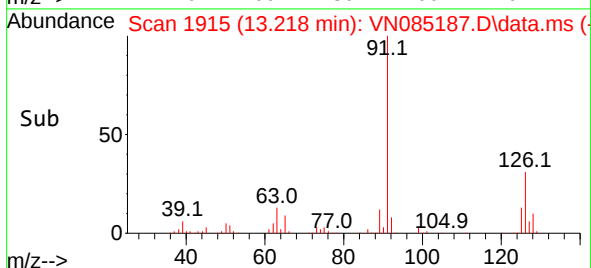
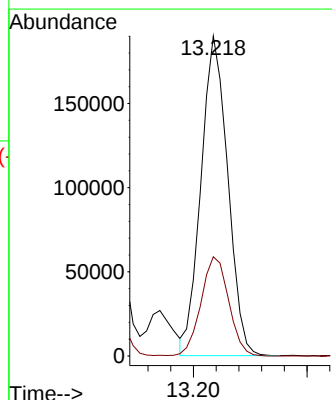
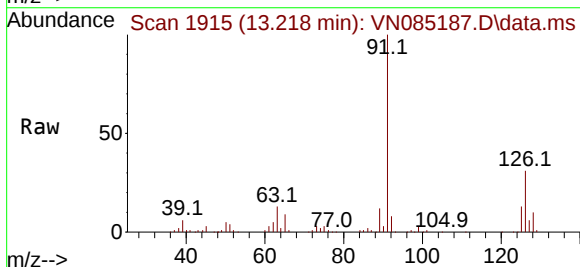
Instrument :
MSVOA_N
ClientSampleId :

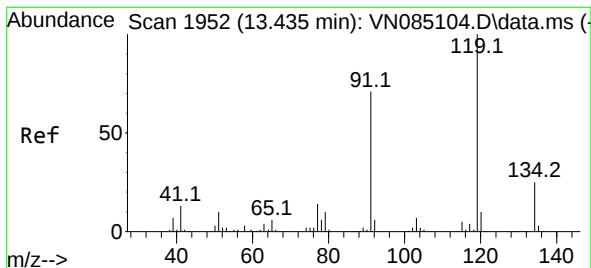
Tgt Ion: 75 Resp: 46836
Ion Ratio Lower Upper
75 100
53 94.7 78.2 117.4
89 47.5 37.9 56.9



#82
4-Chlorotoluene
Concen: 49.926 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085187.D
Acq: 12 Dec 2024 16:29

Tgt Ion: 91 Resp: 311019
Ion Ratio Lower Upper
91 100
126 32.1 16.1 48.3





#83

tert-Butylbenzene

Concen: 52.696 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN085187.D

Acq: 12 Dec 2024 16:29

Instrument :

MSVOA_N

ClientSampleId :

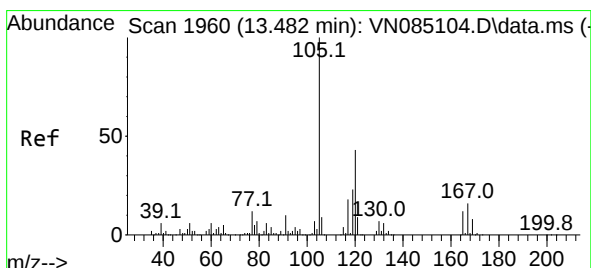
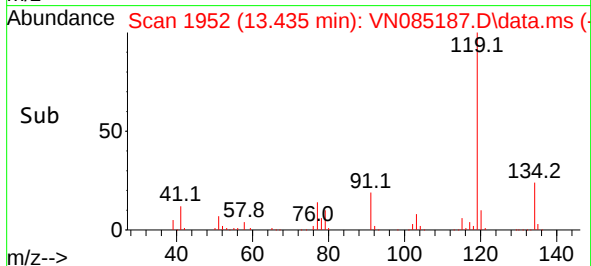
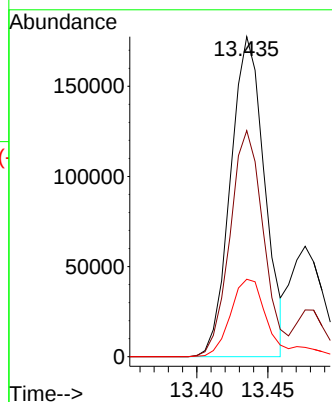
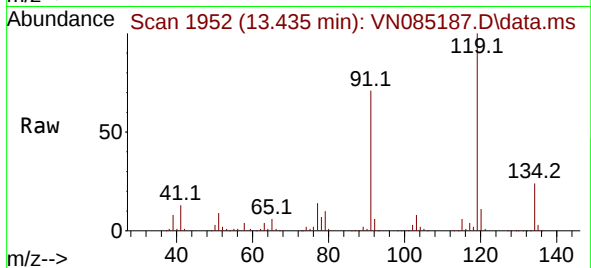
Tgt Ion:119 Resp: 295702

Ion Ratio Lower Upper

119 100

91 70.2 35.1 105.5

134 27.3 12.1 36.3



#84

1,2,4-Trimethylbenzene

Concen: 53.755 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN085187.D

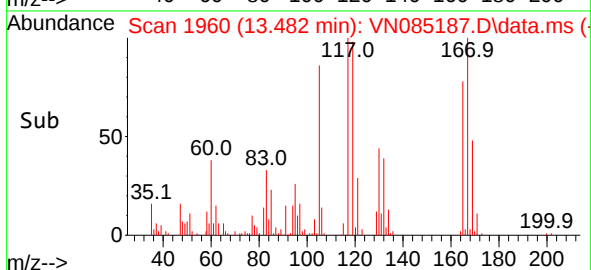
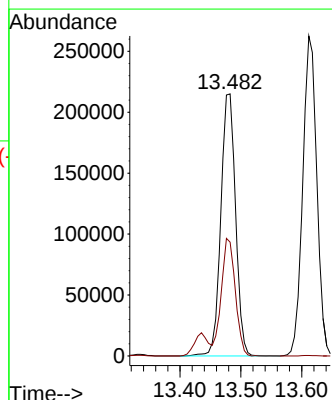
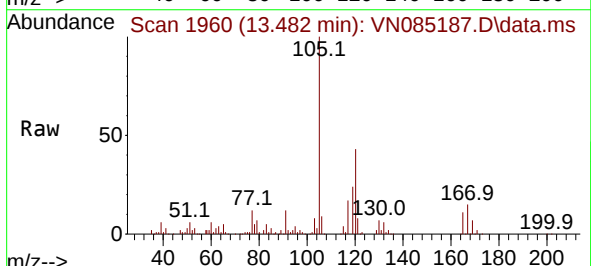
Acq: 12 Dec 2024 16:29

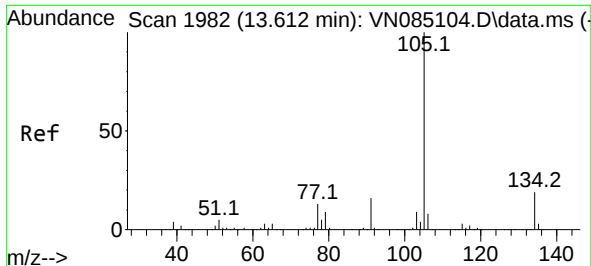
Tgt Ion:105 Resp: 360867

Ion Ratio Lower Upper

105 100

120 42.6 21.8 65.4

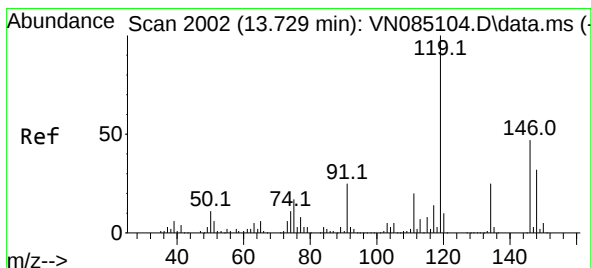
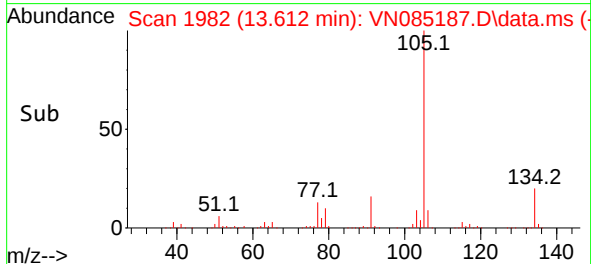
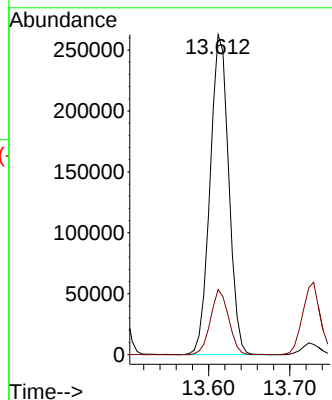
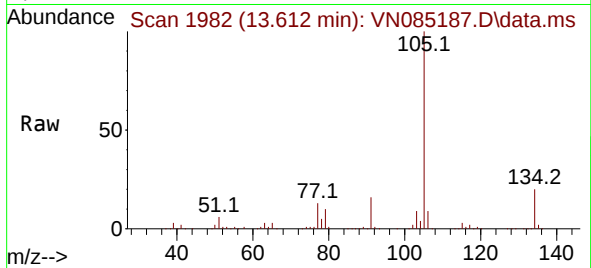




#85
 sec-Butylbenzene
 Concen: 55.376 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085187.D
 Acq: 12 Dec 2024 16:29

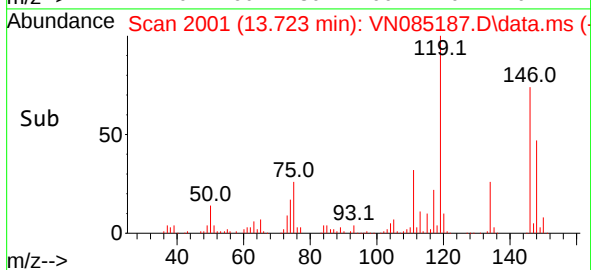
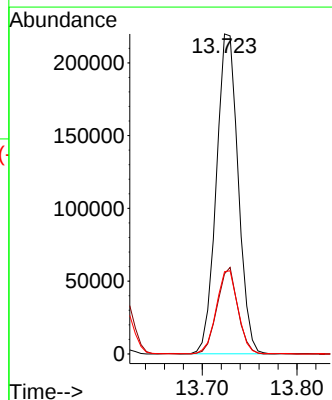
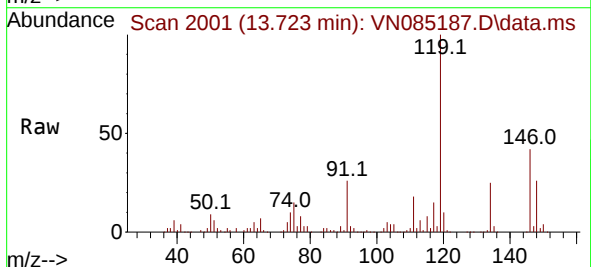
Instrument :
 MSVOA_N
 ClientSampleId :

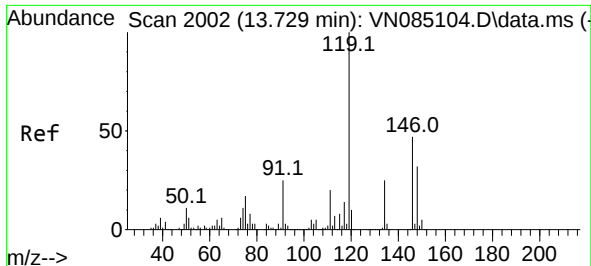
Tgt Ion:105 Resp: 419768
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 56.255 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN085187.D
 Acq: 12 Dec 2024 16:29

Tgt Ion:119 Resp: 352018
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.0 39.0
 91 26.1 12.8 38.4





#87

1,3-Dichlorobenzene

Concen: 45.422 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN085187.D

Acq: 12 Dec 2024 16:29

Instrument :

MSVOA_N

ClientSampleId :

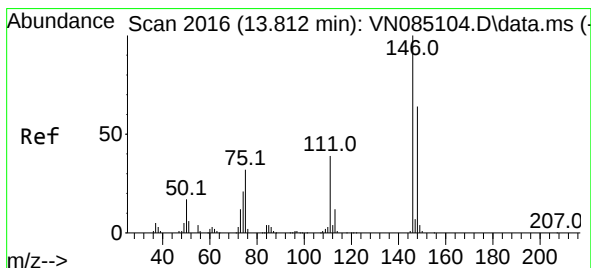
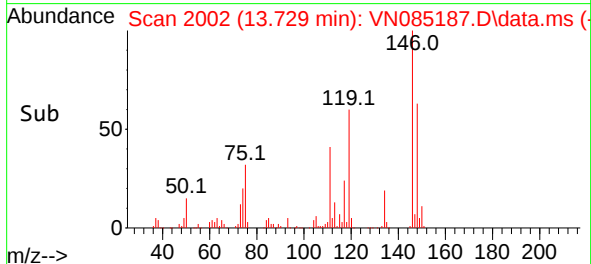
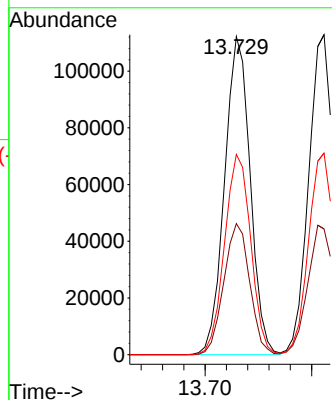
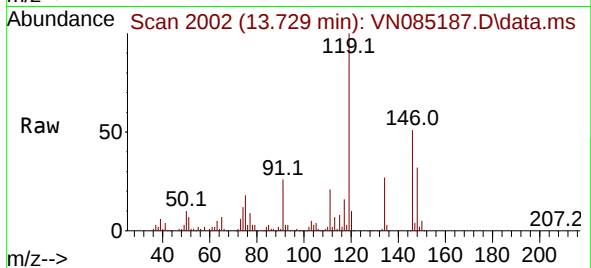
Tgt Ion:146 Resp: 187382

Ion Ratio Lower Upper

146 100

111 41.6 21.6 65.0

148 64.5 32.2 96.6



#88

1,4-Dichlorobenzene

Concen: 44.824 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN085187.D

Acq: 12 Dec 2024 16:29

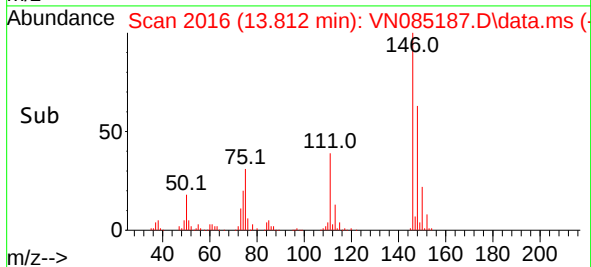
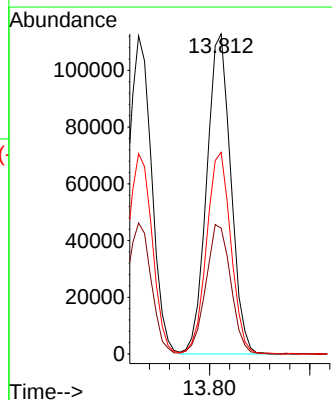
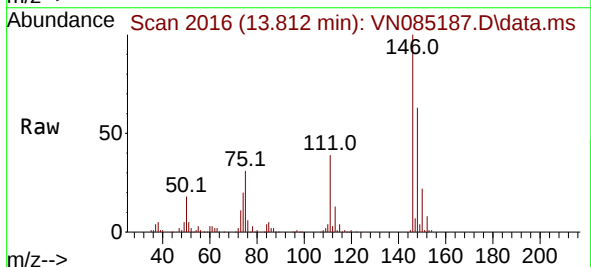
Tgt Ion:146 Resp: 188708

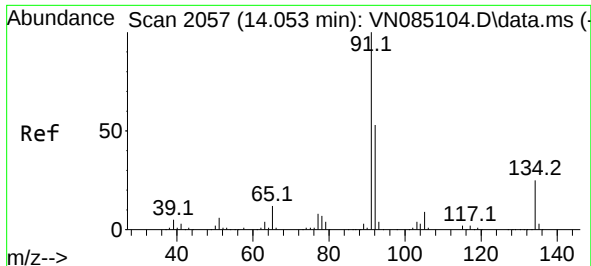
Ion Ratio Lower Upper

146 100

111 41.8 20.9 62.8

148 63.6 31.3 93.9





#89

n-Butylbenzene

Concen: 51.406 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN085187.D

Acq: 12 Dec 2024 16:29

Instrument :

MSVOA_N

ClientSampleId :

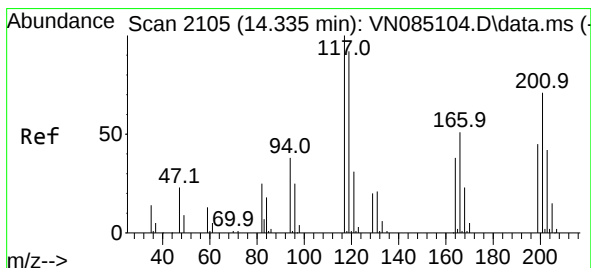
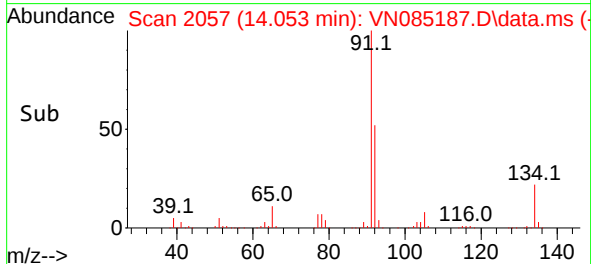
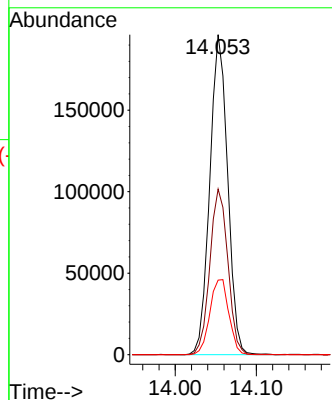
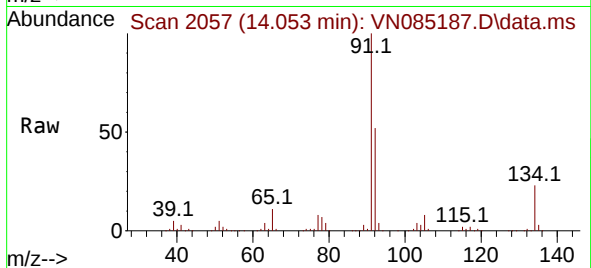
Tgt Ion: 91 Resp: 299144

Ion Ratio Lower Upper

91 100

92 52.4 26.8 80.3

134 25.0 12.8 38.4



#90

Hexachloroethane

Concen: 50.268 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.000 min

Lab File: VN085187.D

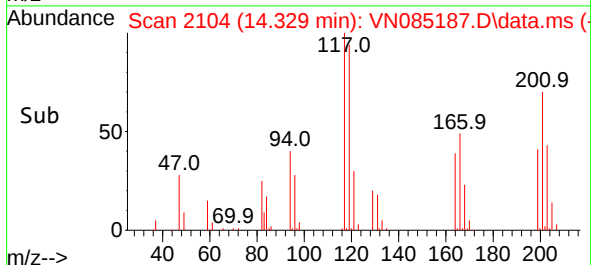
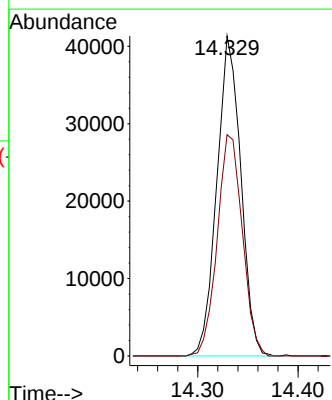
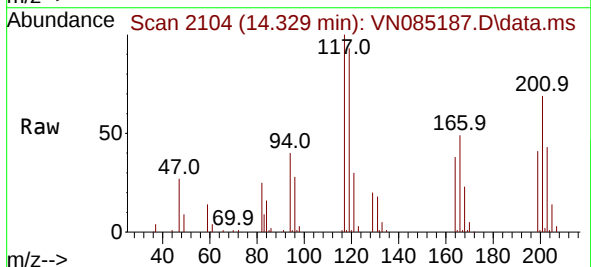
Acq: 12 Dec 2024 16:29

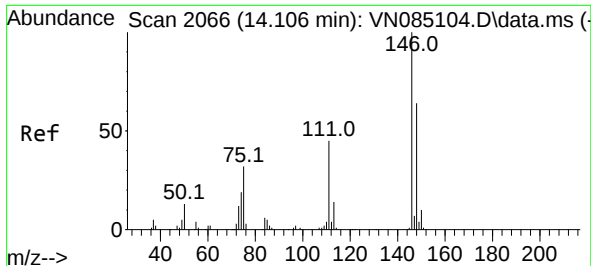
Tgt Ion: 117 Resp: 68565

Ion Ratio Lower Upper

117 100

201 72.5 35.2 105.6





#91

1,2-Dichlorobenzene

Concen: 45.359 ug/l

RT: 14.100 min Scan# 2066

Delta R.T. -0.006 min

Lab File: VN085187.D

Acq: 12 Dec 2024 16:29

Instrument :

MSVOA_N

ClientSampleId :

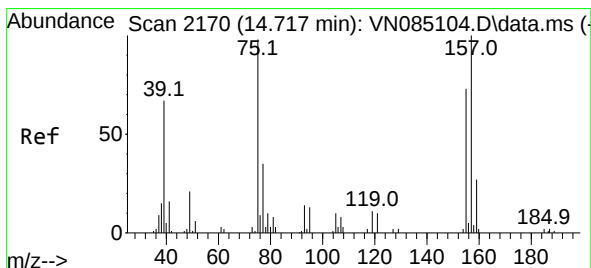
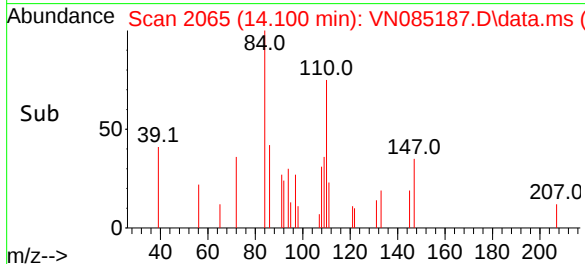
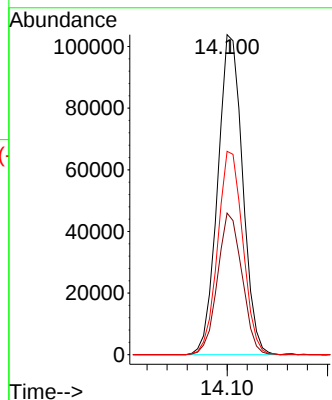
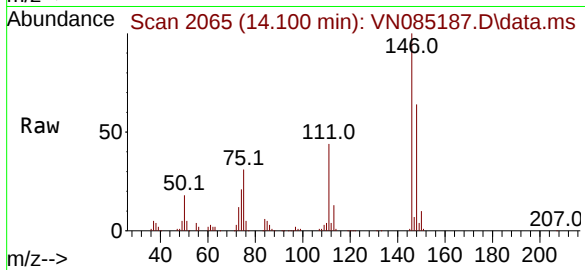
Tgt Ion:146 Resp: 179308

Ion Ratio Lower Upper

146 100

111 43.5 21.9 65.8

148 64.1 31.1 93.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.252 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.000 min

Lab File: VN085187.D

Acq: 12 Dec 2024 16:29

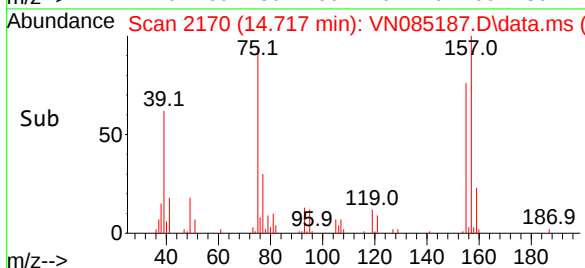
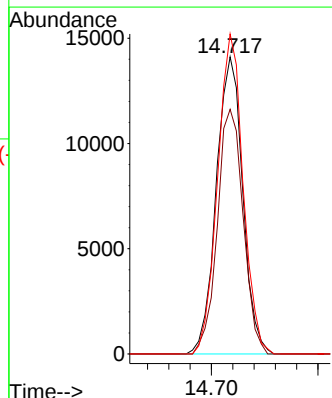
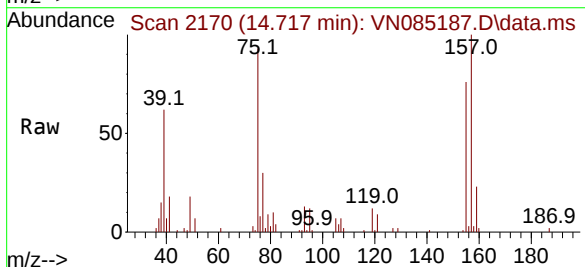
Tgt Ion: 75 Resp: 24250

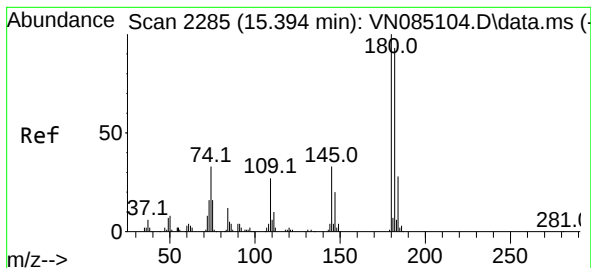
Ion Ratio Lower Upper

75 100

155 80.6 38.9 116.7

157 103.7 48.3 144.9





#93

1,2,4-Trichlorobenzene

Concen: 43.880 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN085187.D

Acq: 12 Dec 2024 16:29

Instrument :

MSVOA_N

ClientSampleId :

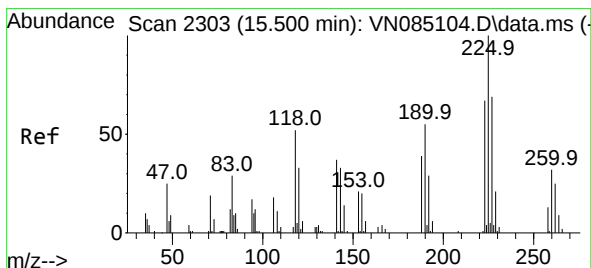
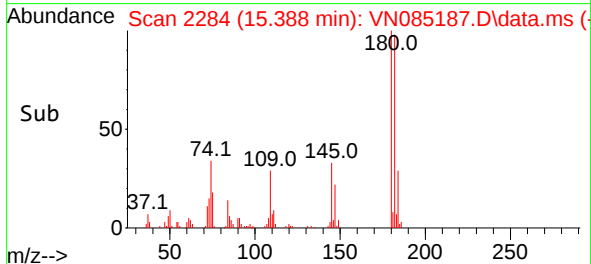
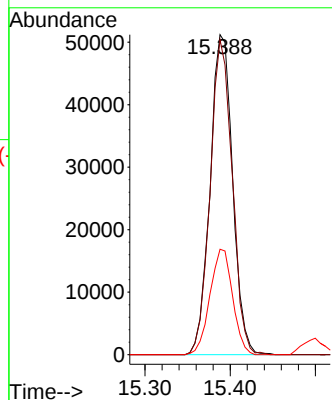
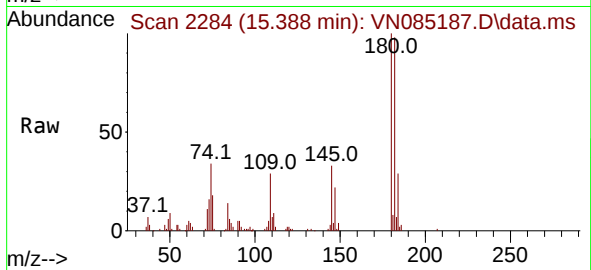
Tgt Ion:180 Resp: 94237

Ion Ratio Lower Upper

180 100

182 96.3 46.9 140.8

145 33.1 16.3 48.8



#94

Hexachlorobutadiene

Concen: 47.029 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN085187.D

Acq: 12 Dec 2024 16:29

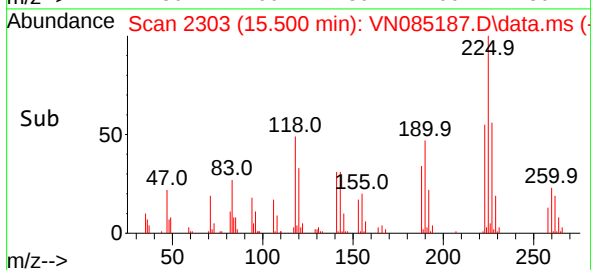
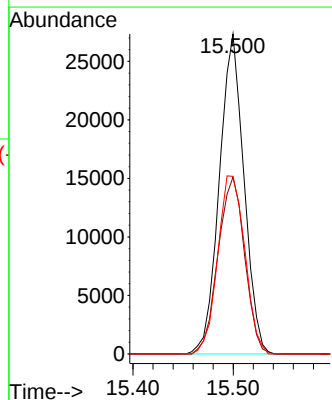
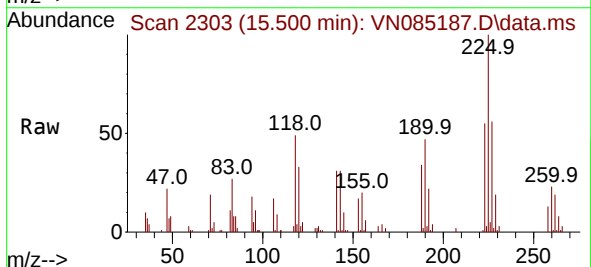
Tgt Ion:225 Resp: 46613

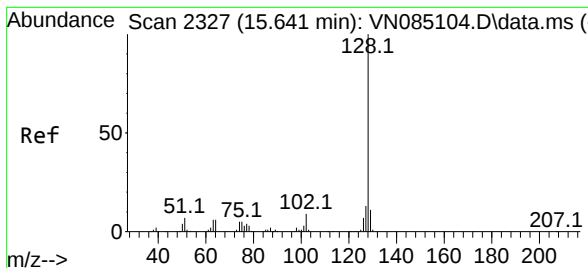
Ion Ratio Lower Upper

225 100

223 59.5 30.9 92.8

227 61.4 31.5 94.5





#95

Naphthalene

Concen: 46.025 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN085187.D

Acq: 12 Dec 2024 16:29

Instrument :

MSVOA_N

ClientSampleId :

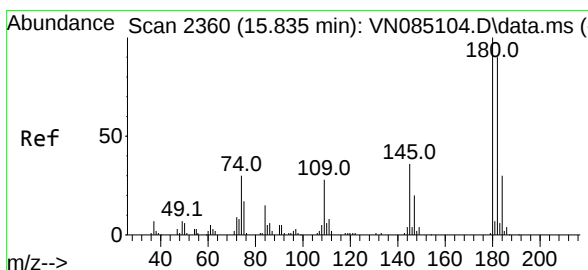
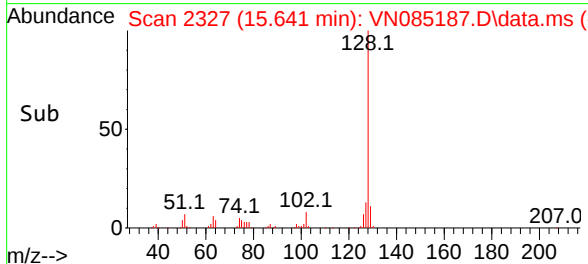
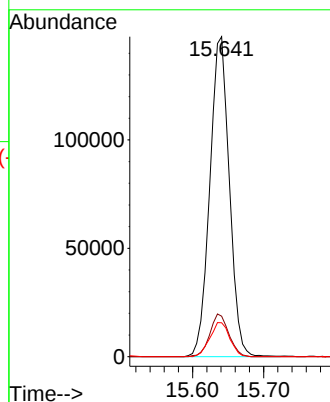
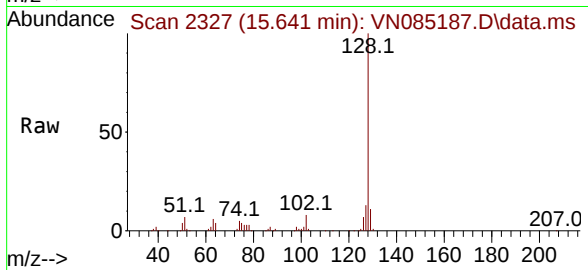
Tgt Ion:128 Resp: 281522

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 44.163 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN085187.D

Acq: 12 Dec 2024 16:29

Tgt Ion:180 Resp: 90499

Ion Ratio Lower Upper

180 100

182 96.4 46.4 139.2

145 34.2 17.3 52.0

