

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031225\
 Data File : VN085966.D
 Acq On : 12 Mar 2025 17:42
 Operator : JC\MD
 Sample : VN0312MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312MBS01

Quant Time: Mar 13 01:41:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	152421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	251190	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	225375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	111685	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	99697	50.452	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.900%	
35) Dibromofluoromethane	8.165	113	79630	48.447	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.900%	
50) Toluene-d8	10.565	98	292973	48.991	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.980%	
62) 4-Bromofluorobenzene	12.847	95	103676	52.619	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.240%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	41284	19.913	ug/l	98
3) Chloromethane	2.359	50	35855	17.235	ug/l	99
4) Vinyl Chloride	2.512	62	37351	16.957	ug/l	98
5) Bromomethane	2.959	94	22930	16.280	ug/l	96
6) Chloroethane	3.124	64	21571	14.784	ug/l	100
7) Trichlorofluoromethane	3.500	101	61427	19.261	ug/l	100
8) Diethyl Ether	3.953	74	19668	19.060	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	33376	18.105	ug/l	98
10) Methyl Iodide	4.595	142	42751	18.813	ug/l	95
11) Tert butyl alcohol	5.518	59	27046	111.280	ug/l #	89
12) 1,1-Dichloroethene	4.342	96	31506	18.849	ug/l	97
13) Acrolein	4.183	56	30419	84.399	ug/l	98
14) Allyl chloride	5.024	41	38864	17.709	ug/l	97
15) Acrylonitrile	5.718	53	82786	104.777	ug/l	97
16) Acetone	4.436	43	60019	95.989	ug/l	99
17) Carbon Disulfide	4.712	76	93011	18.775	ug/l	97
18) Methyl Acetate	5.024	43	36251	16.856	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	102354	20.607	ug/l	96
20) Methylene Chloride	5.277	84	37595	18.697	ug/l	98
21) trans-1,2-Dichloroethene	5.789	96	33627	18.684	ug/l	99
22) Diisopropyl ether	6.671	45	99478	20.061	ug/l	99
23) Vinyl Acetate	6.600	43	347188	102.255	ug/l	99
24) 1,1-Dichloroethane	6.571	63	64518	19.139	ug/l	97
25) 2-Butanone	7.483	43	90896	98.812	ug/l	95
26) 2,2-Dichloropropane	7.488	77	53419	17.821	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	38184	18.297	ug/l	97
28) Bromochloromethane	7.812	49	29138	21.031	ug/l	99
29) Tetrahydrofuran	7.835	42	63211	106.414	ug/l	99
30) Chloroform	7.965	83	68667	19.492	ug/l	93
31) Cyclohexane	8.253	56	54252	19.222	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	61662	19.679	ug/l	98
36) 1,1-Dichloropropene	8.371	75	43604	18.744	ug/l	98
37) Ethyl Acetate	7.559	43	40588	21.202	ug/l	99
38) Carbon Tetrachloride	8.365	117	56782	20.543	ug/l	96
39) Methylcyclohexane	9.600	83	41224	18.039	ug/l	96
40) Benzene	8.600	78	147649	19.803	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	21446	20.956	ug/l	97
42) 1,2-Dichloroethane	8.671	62	49207	20.262	ug/l	99
43) Isopropyl Acetate	8.682	43	71582	20.989	ug/l	99
44) Trichloroethene	9.347	130	33898	18.517	ug/l	98
45) 1,2-Dichloropropane	9.618	63	34422	19.127	ug/l	99
46) Dibromomethane	9.706	93	25583	20.153	ug/l	99
47) Bromodichloromethane	9.888	83	53105	19.553	ug/l	98
48) Methyl methacrylate	9.677	41	29286	20.599	ug/l	97
49) 1,4-Dioxane	9.688	88	12768	472.266	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	196336	106.375	ug/l	98
52) Toluene	10.629	92	90381	20.680	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	50645	20.166	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	55495	20.152	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	34774	20.012	ug/l	97
56) Ethyl methacrylate	10.871	69	46706	20.325	ug/l	97
57) 1,3-Dichloropropane	11.159	76	57555	19.841	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	77329	93.231	ug/l	98
59) 2-Hexanone	11.194	43	138326	108.941	ug/l	99
60) Dibromochloromethane	11.353	129	41222	20.373	ug/l	100
61) 1,2-Dibromoethane	11.465	107	32953	20.071	ug/l	99
64) Tetrachloroethene	11.100	164	33675	19.287	ug/l	97
65) Chlorobenzene	11.888	112	93577	18.125	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.959	131	34754	18.728	ug/l	99
67) Ethyl Benzene	11.959	91	154555	19.110	ug/l	100
68) m/p-Xylenes	12.070	106	124761	40.611	ug/l	100
69) o-Xylene	12.394	106	57068	19.549	ug/l	97
70) Styrene	12.406	104	97971	19.502	ug/l	98
71) Bromoform	12.576	173	28452	20.633	ug/l #	98
73) Isopropylbenzene	12.694	105	141577	18.503	ug/l	99
74) N-amyl acetate	12.494	43	51704	19.162	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	49405	18.764	ug/l	97
76) 1,2,3-Trichloropropane	12.988	75	61401	24.749	ug/l	56
77) Bromobenzene	12.976	156	38879	18.808	ug/l	98
78) n-propylbenzene	13.035	91	169779	19.375	ug/l	98
79) 2-Chlorotoluene	13.123	91	110002	18.788	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	124801	20.023	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	17695	20.811	ug/l	95
82) 4-Chlorotoluene	13.217	91	111142	19.149	ug/l	100
83) tert-Butylbenzene	13.435	119	97908	18.680	ug/l	95
84) 1,2,4-Trimethylbenzene	13.476	105	124521	20.193	ug/l	100
85) sec-Butylbenzene	13.612	105	135735	18.329	ug/l	98
86) p-Isopropyltoluene	13.729	119	111785	17.770	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	70024	18.080	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	72559	18.279	ug/l	97
89) n-Butylbenzene	14.053	91	87567	16.655	ug/l	98
90) Hexachloroethane	14.335	117	24406	17.402	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	69072	18.546	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9296	19.227	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	31186	17.573	ug/l	97
94) Hexachlorobutadiene	15.500	225	17653	16.368	ug/l	96
95) Naphthalene	15.641	128	84407	17.324	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	31336	17.588	ug/l	99

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QLast Update : Wed Feb 19 03:43:32 2025
Response via : Initial Calibration

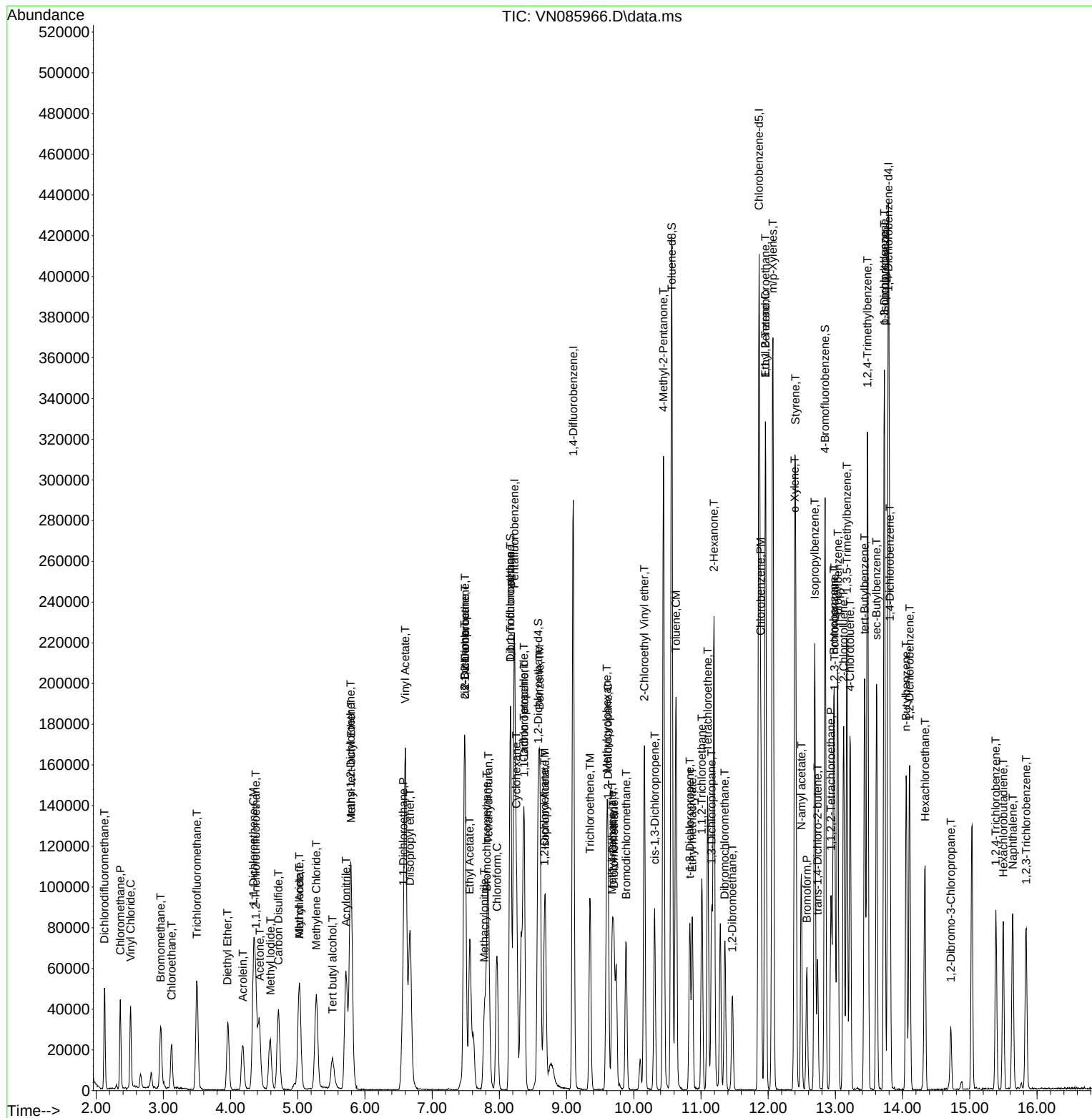
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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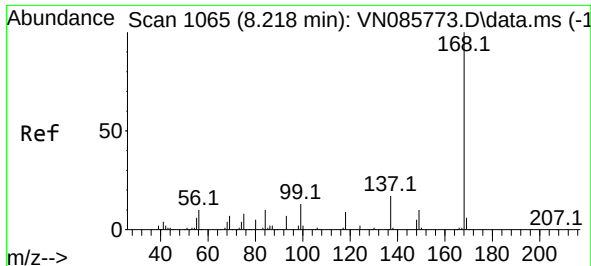
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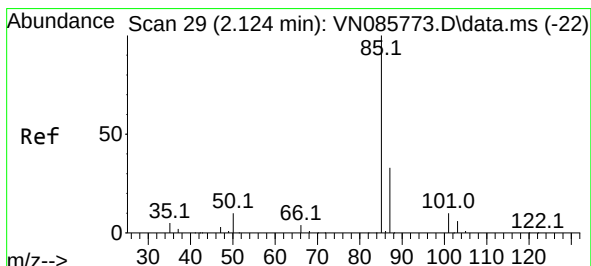
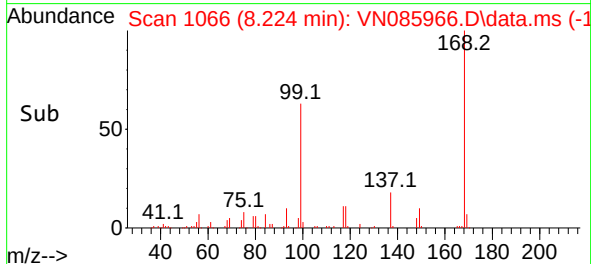
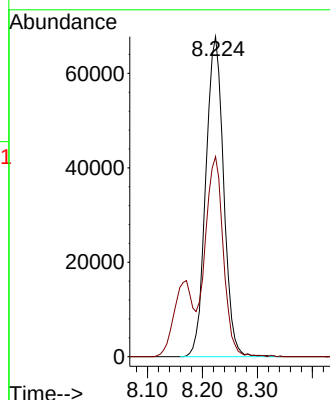
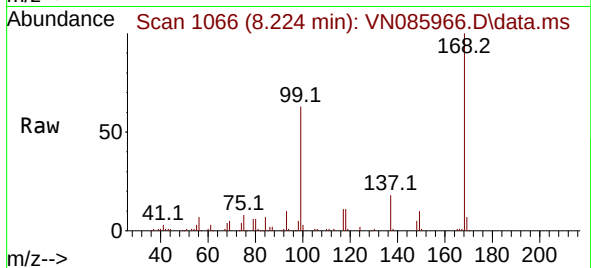




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085966.D
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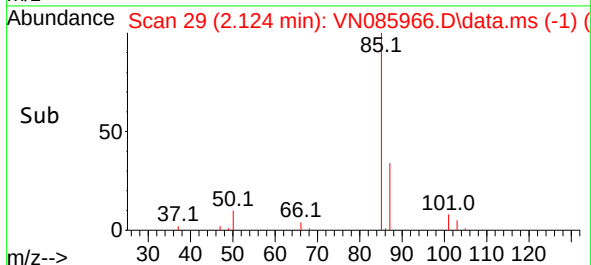
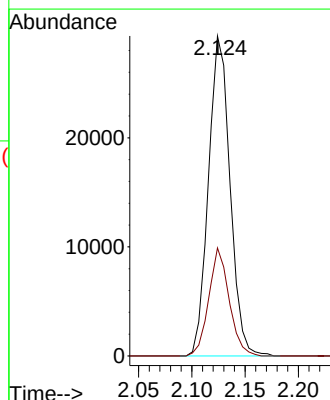
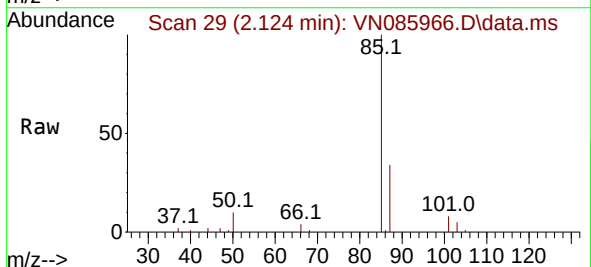
Instrument :
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VN0312MBSD01

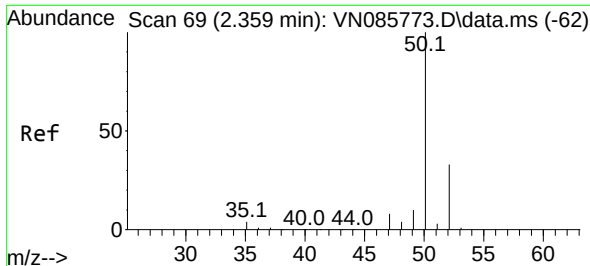
Tgt Ion:168 Resp: 152421
Ion Ratio Lower Upper
168 100
99 62.3 47.9 71.9



#2
Dichlorodifluoromethane
Concen: 19.913 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

Tgt Ion: 85 Resp: 41284
Ion Ratio Lower Upper
85 100
87 33.8 16.4 49.2

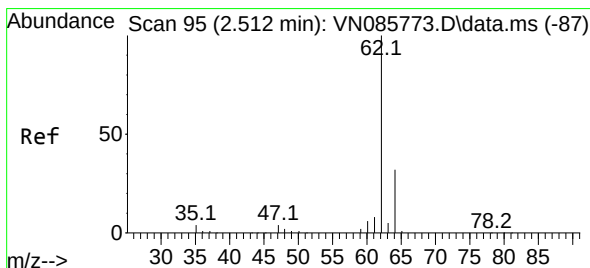
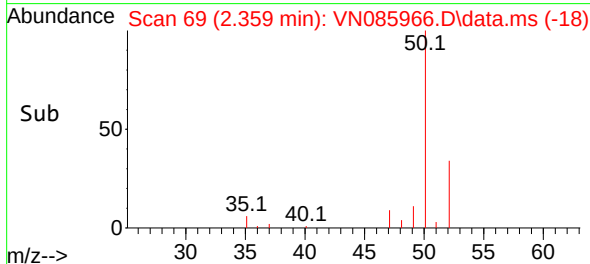
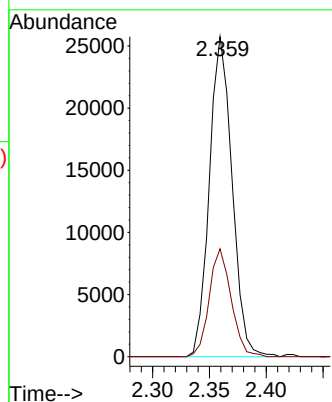
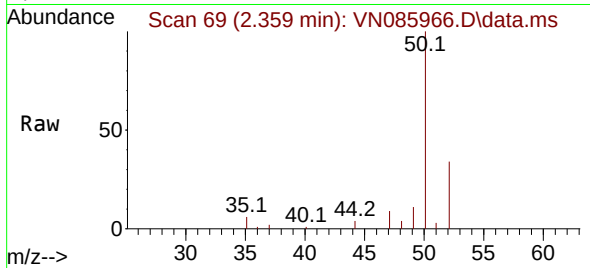




#3
Chloromethane
Concen: 17.235 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085966.D
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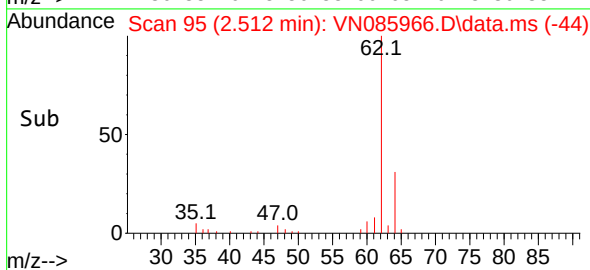
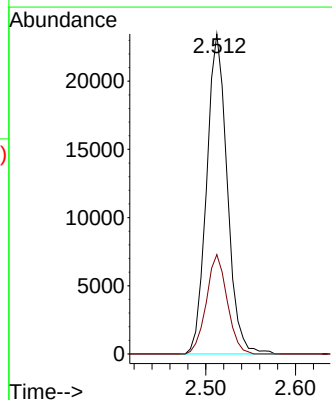
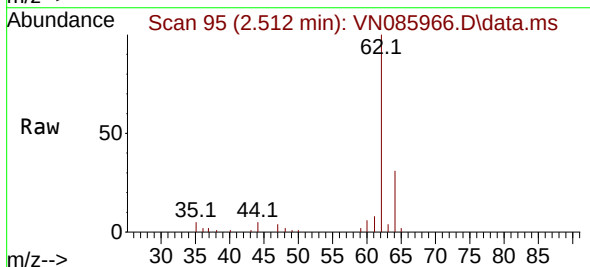
Instrument :
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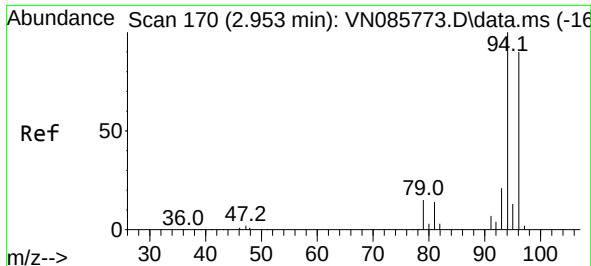
Tgt Ion: 50 Resp: 35855
Ion Ratio Lower Upper
50 100
52 33.7 26.7 40.1



#4
Vinyl Chloride
Concen: 16.957 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

Tgt Ion: 62 Resp: 37351
Ion Ratio Lower Upper
62 100
64 31.1 25.9 38.9

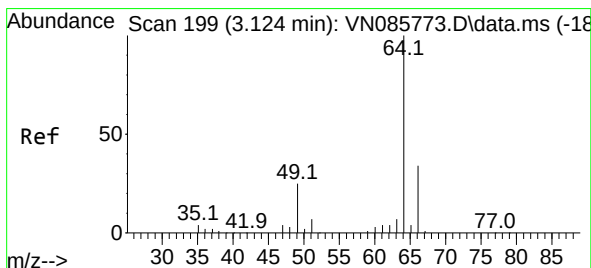
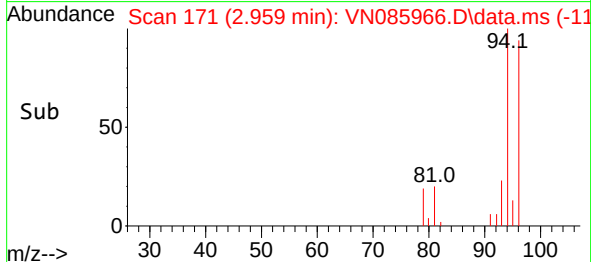
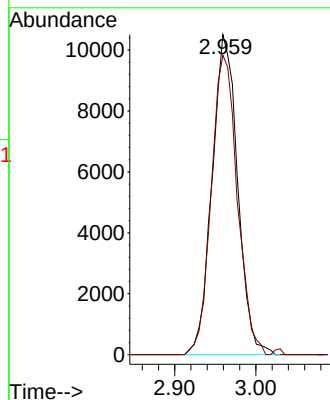
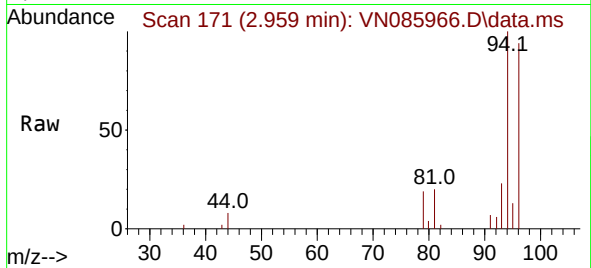




#5
Bromomethane
Concen: 16.280 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.006 min
Lab File: VN085966.D
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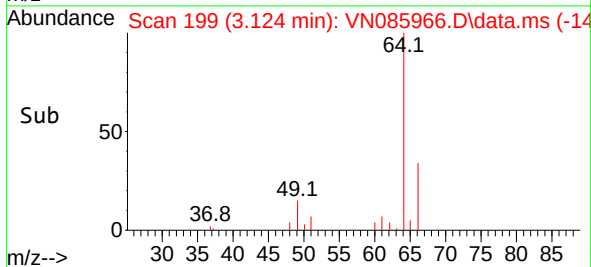
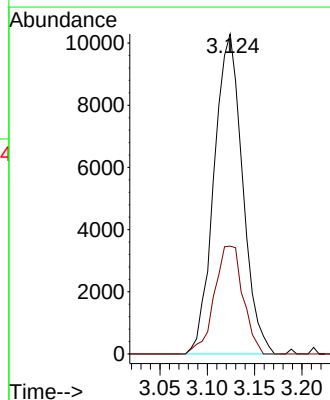
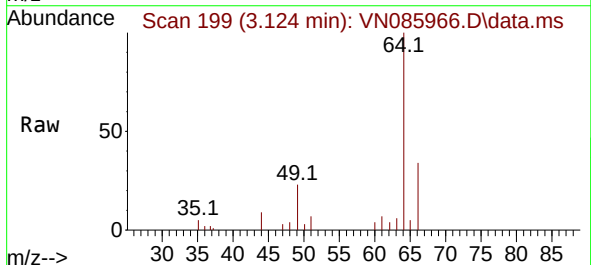
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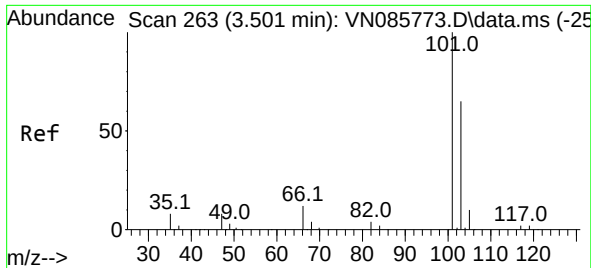
Tgt Ion: 94 Resp: 22930
Ion Ratio Lower Upper
94 100
96 93.6 71.7 107.5



#6
Chloroethane
Concen: 14.784 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

Tgt Ion: 64 Resp: 21571
Ion Ratio Lower Upper
64 100
66 33.7 27.0 40.6

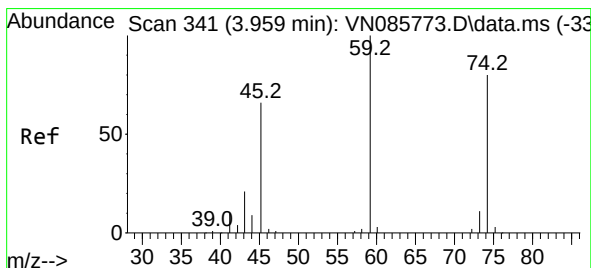
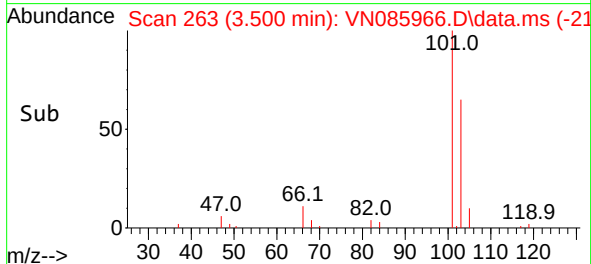
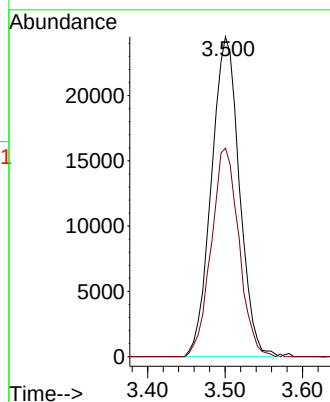
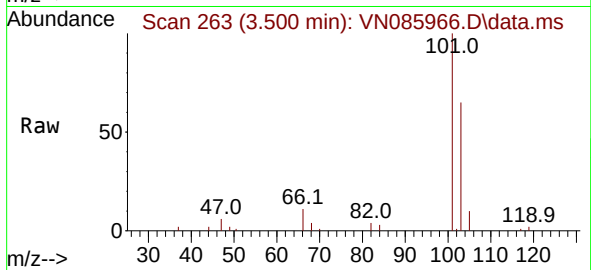




#7
 Trichlorofluoromethane
 Concen: 19.261 ug/l
 RT: 3.500 min Scan# 2
 Delta R.T. -0.000 min
 Lab File: VN085966.D
 Acq: 12 Mar 2025 17:42

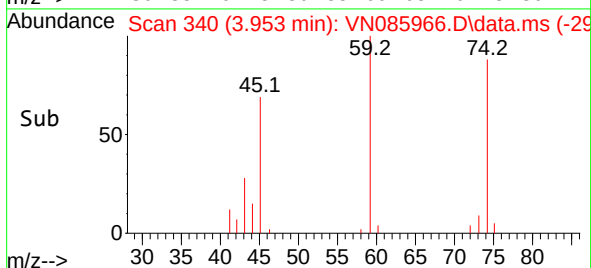
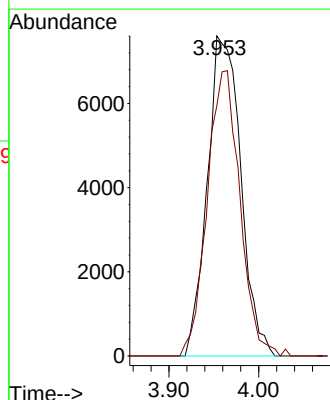
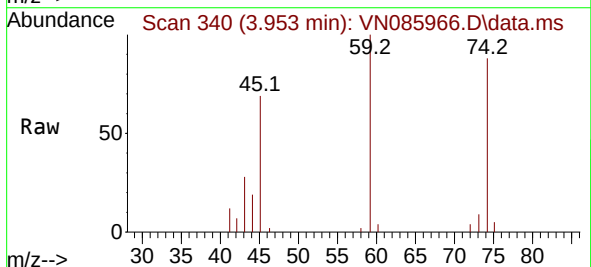
Instrument :
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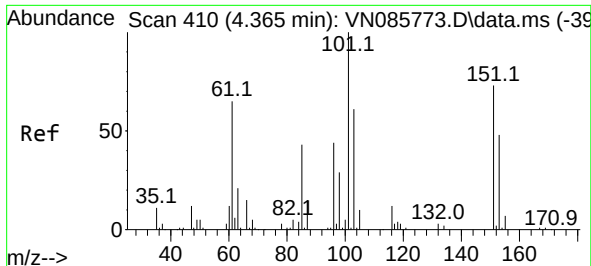
Tgt Ion:101 Resp: 61427
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.2 78.4



#8
 Diethyl Ether
 Concen: 19.060 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 19668
 Ion Ratio Lower Upper
 74 100
 45 87.2 42.5 127.6

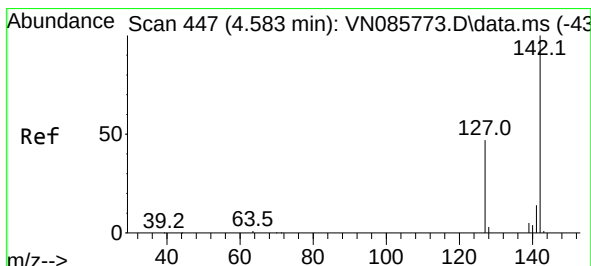
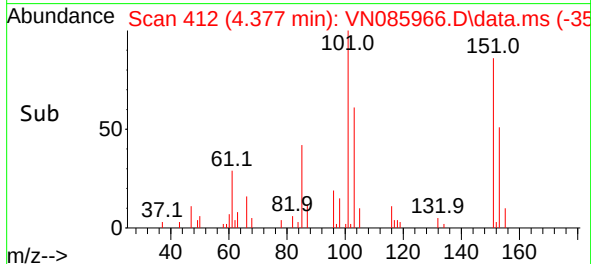
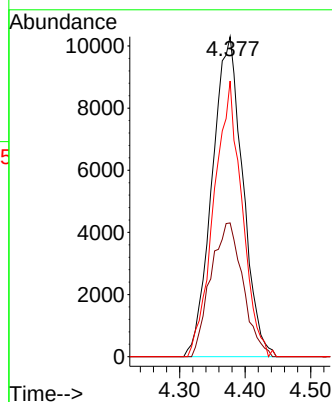
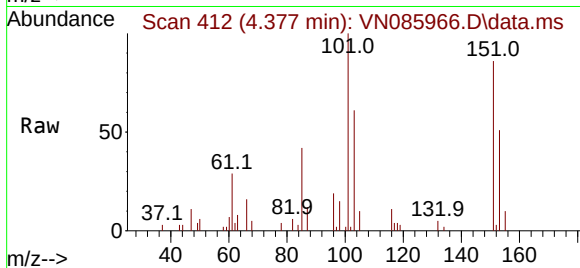




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.105 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

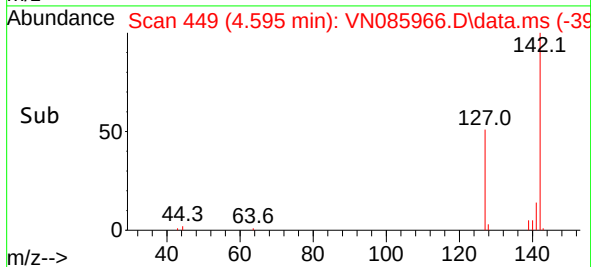
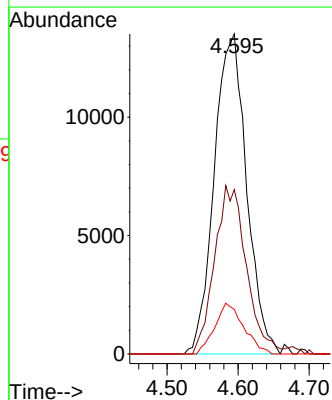
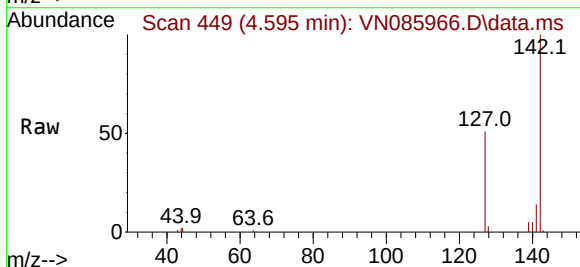
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBSD01

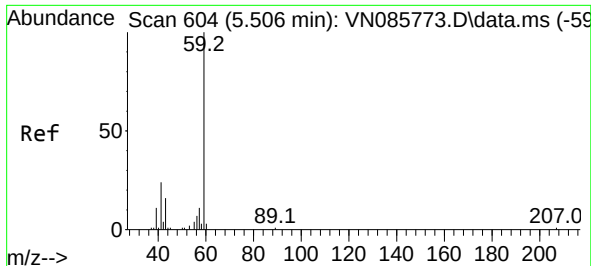
Tgt Ion:101 Resp: 33376
Ion Ratio Lower Upper
101 100
85 44.0 35.7 53.5
151 79.1 61.4 92.2



#10
Methyl Iodide
Concen: 18.813 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.012 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

Tgt Ion:142 Resp: 42751
Ion Ratio Lower Upper
142 100
127 51.3 37.6 56.4
141 13.9 11.4 17.2

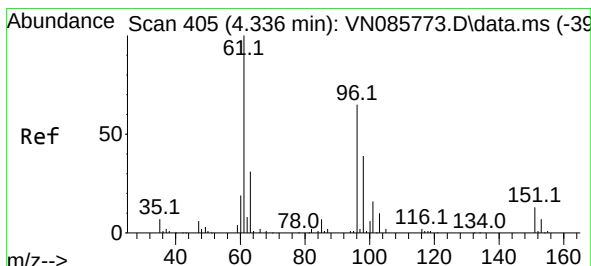
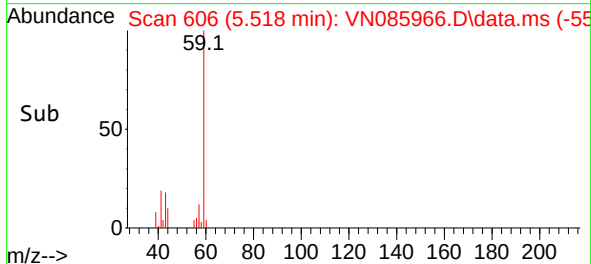
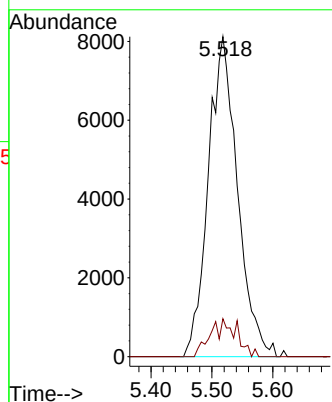
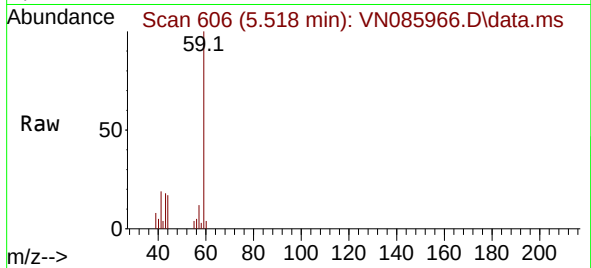




#11
Tert butyl alcohol
Concen: 111.280 ug/l
RT: 5.518 min Scan# 604
Delta R.T. 0.012 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

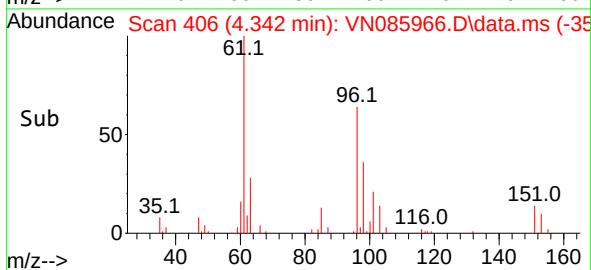
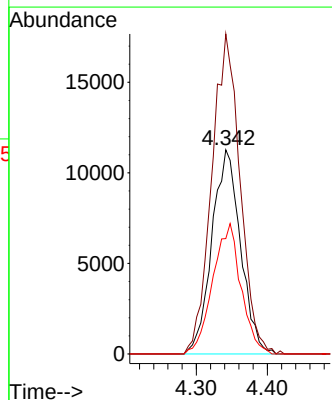
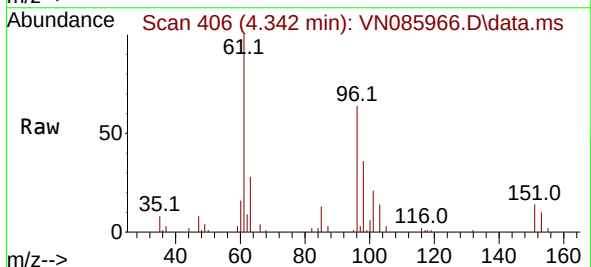
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBSD01

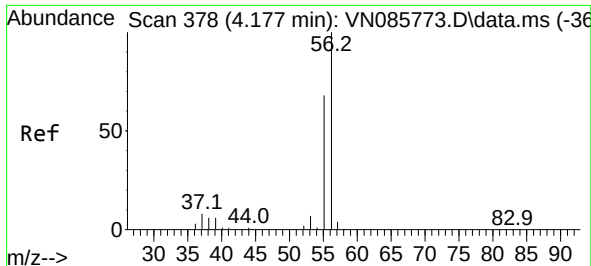
Tgt Ion: 59 Resp: 27046
Ion Ratio Lower Upper
59 100
57 6.3 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 18.849 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

Tgt Ion: 96 Resp: 31506
Ion Ratio Lower Upper
96 100
61 156.8 123.3 184.9
98 56.6 48.6 72.8

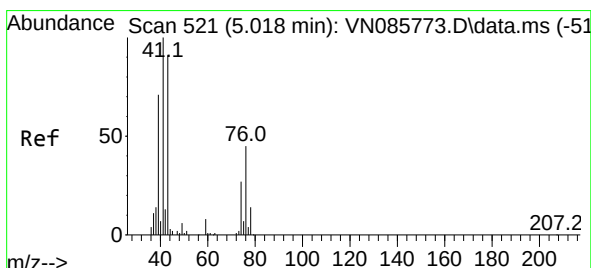
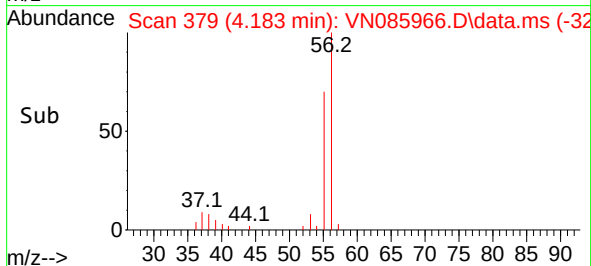
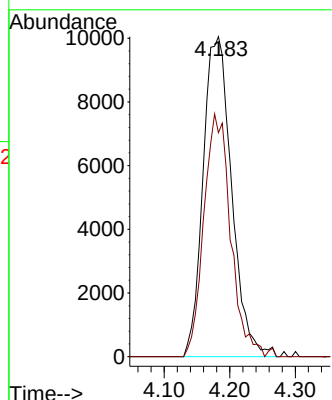
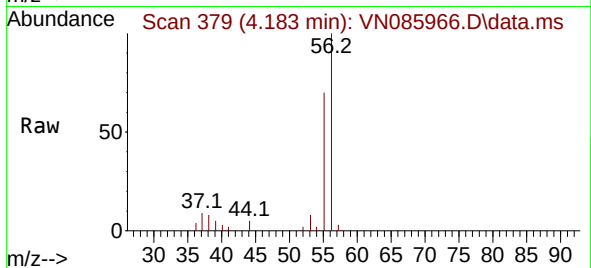




#13
Acrolein
Concen: 84.399 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

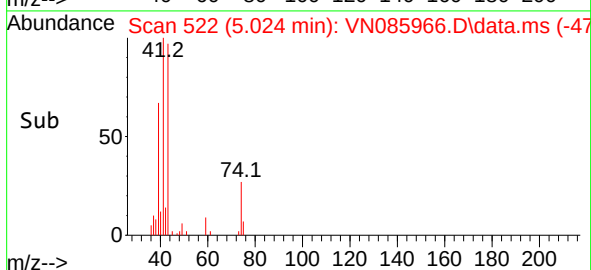
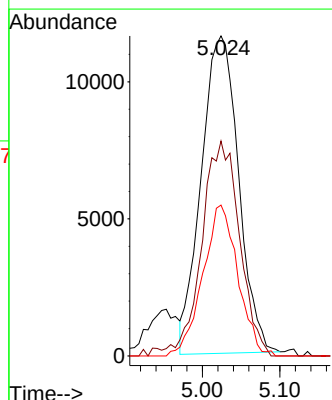
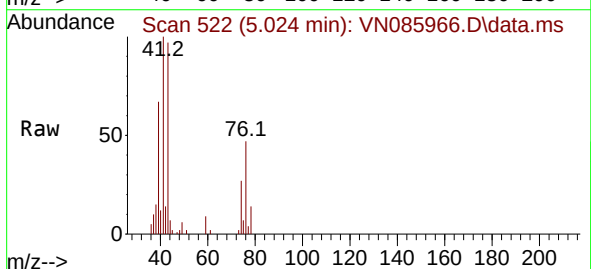
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBSD01

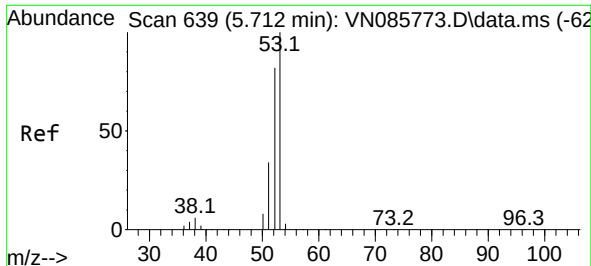
Tgt Ion: 56 Resp: 30419
Ion Ratio Lower Upper
56 100
55 70.9 55.3 82.9



#14
Allyl chloride
Concen: 17.709 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

Tgt Ion: 41 Resp: 38864
Ion Ratio Lower Upper
41 100
39 68.1 57.4 86.2
76 44.6 36.2 54.2

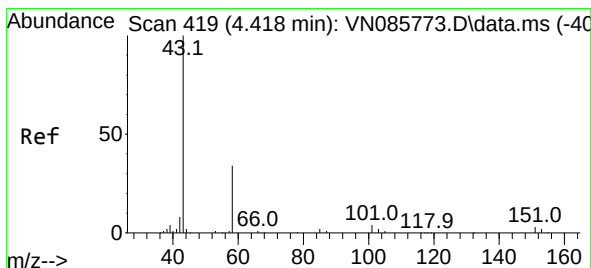
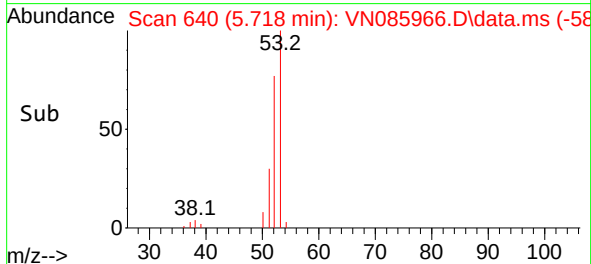
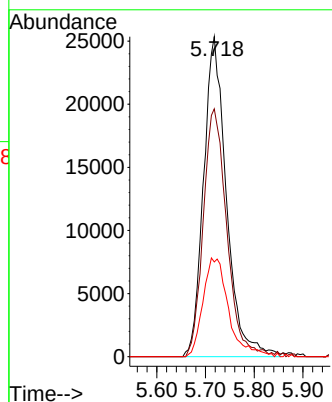
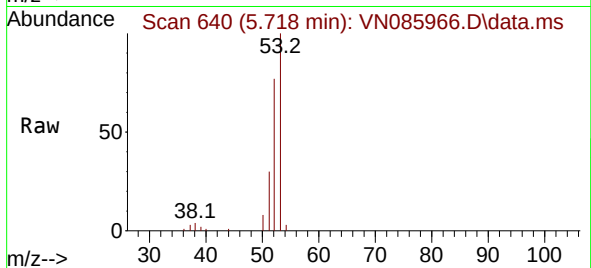




#15
Acrylonitrile
Concen: 104.777 ug/l
RT: 5.718 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

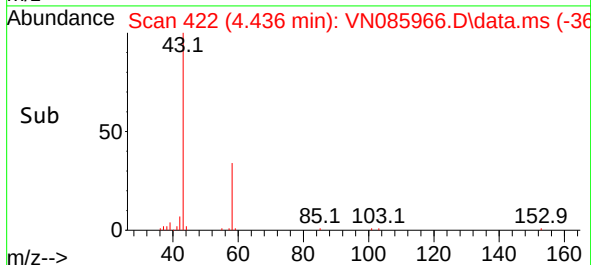
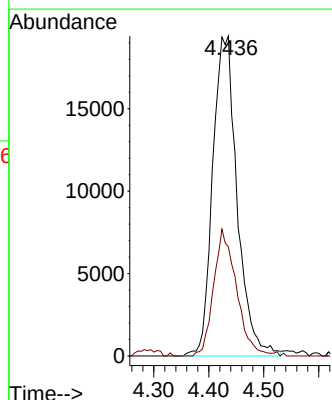
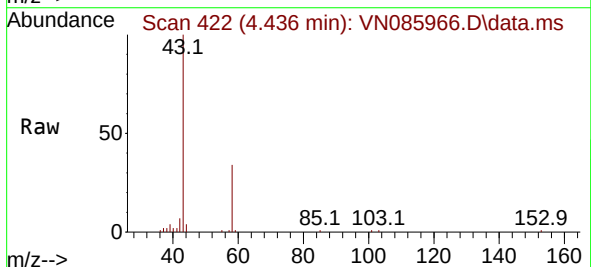
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBSD01

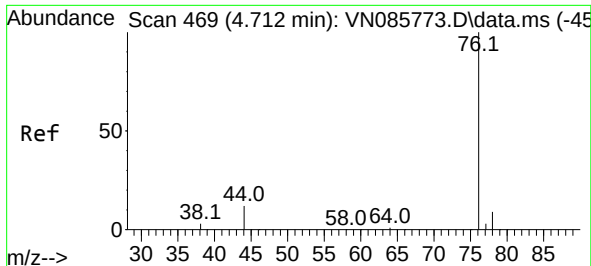
Tgt Ion:	53	Resp:	82786
Ion	Ratio	Lower	Upper
53	100		
52	79.5	65.8	98.6
51	34.4	28.6	42.8



#16
Acetone
Concen: 95.989 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.018 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

Tgt Ion:	43	Resp:	60019
Ion	Ratio	Lower	Upper
43	100		
58	34.1	27.5	41.3

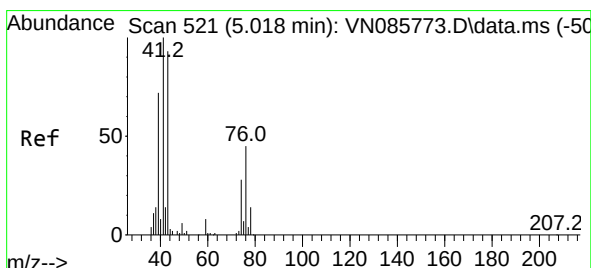
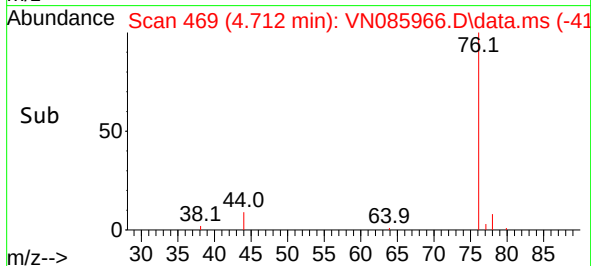
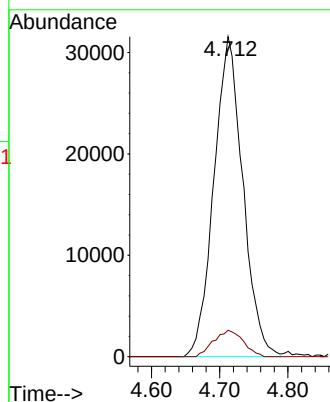
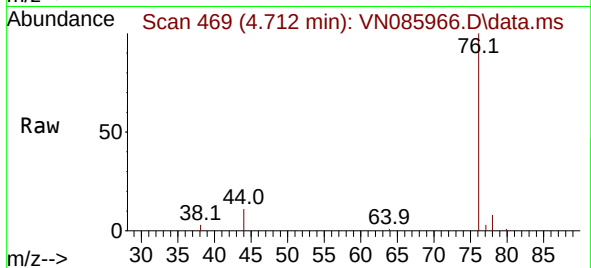




#17
Carbon Disulfide
Concen: 18.775 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

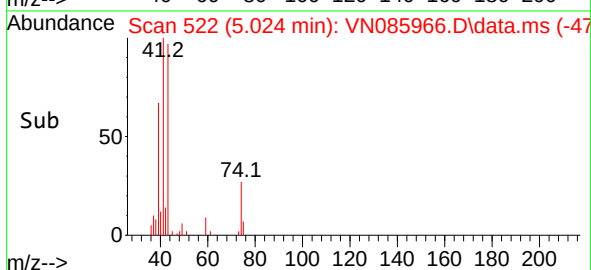
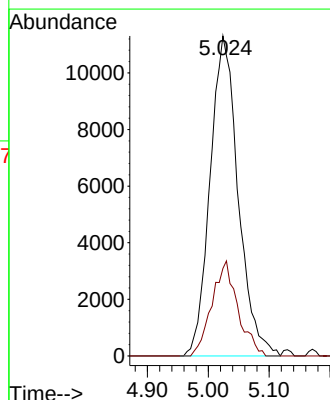
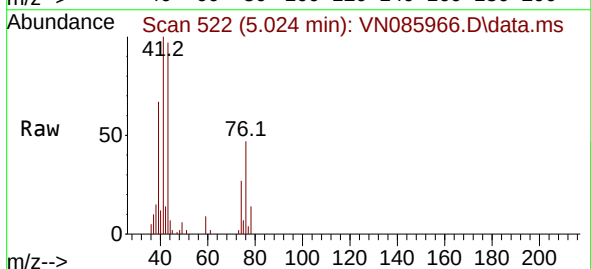
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBSD01

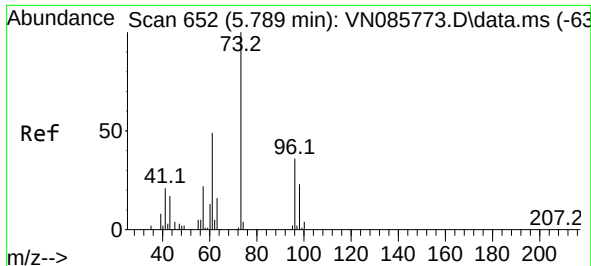
Tgt Ion: 76 Resp: 93011
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.0



#18
Methyl Acetate
Concen: 16.856 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

Tgt Ion: 43 Resp: 36251
Ion Ratio Lower Upper
43 100
74 27.4 22.2 33.4

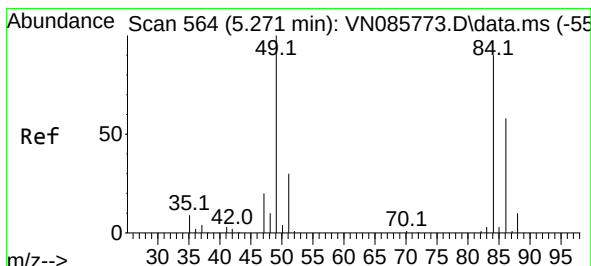
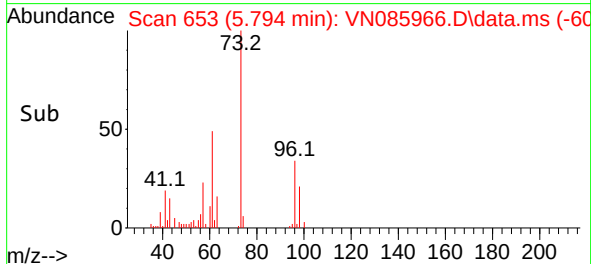
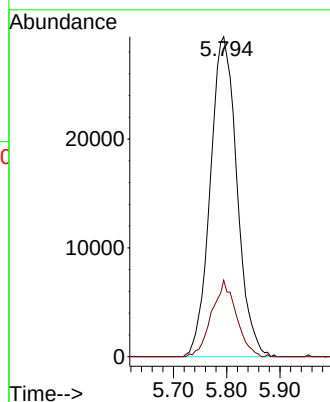
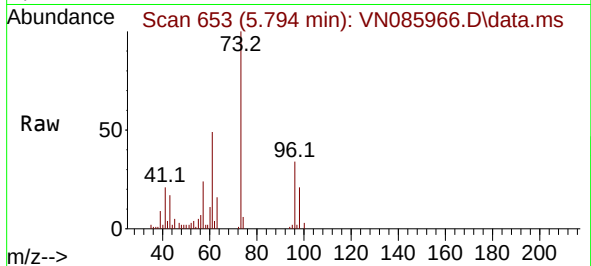




#19
Methyl tert-butyl Ether
Concen: 20.607 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

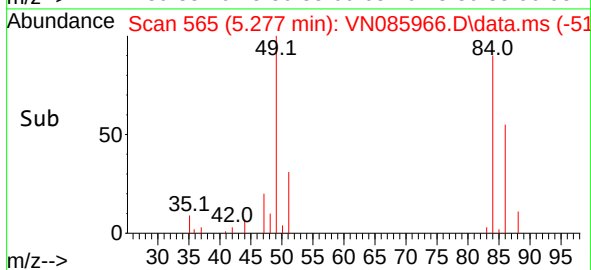
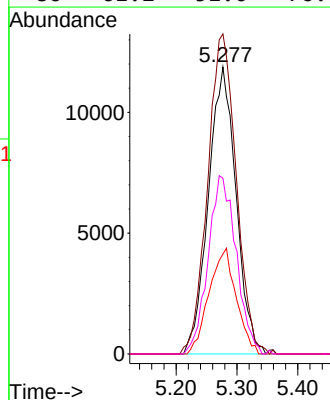
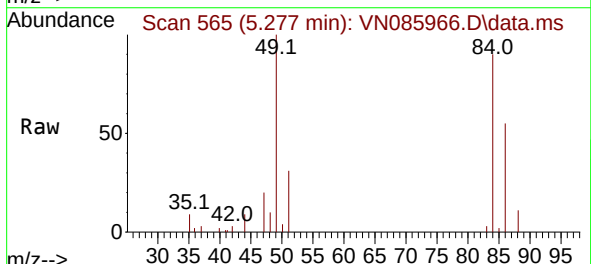
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBSD01

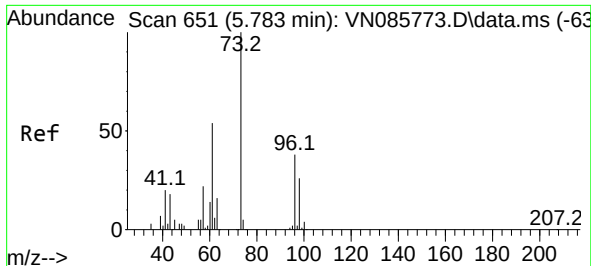
Tgt Ion: 73 Resp: 102354
Ion Ratio Lower Upper
73 100
57 23.9 17.6 26.4



#20
Methylene Chloride
Concen: 18.697 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

Tgt Ion: 84 Resp: 37595
Ion Ratio Lower Upper
84 100
49 111.5 88.4 132.6
51 34.8 26.6 40.0
86 61.2 51.0 76.6

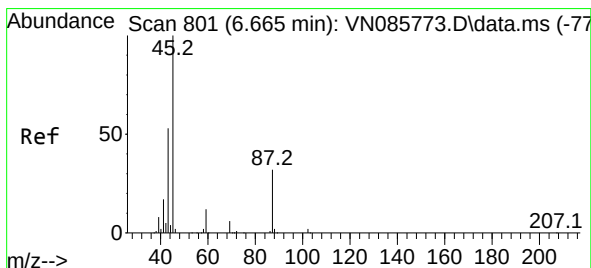
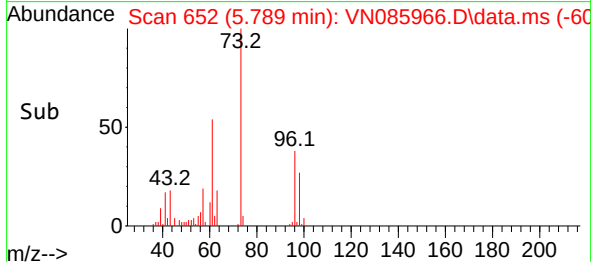
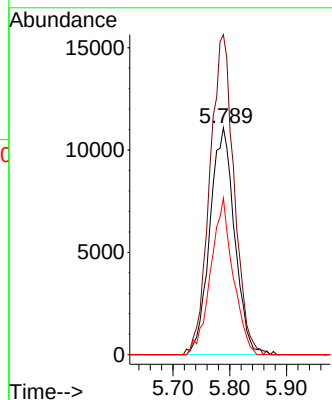
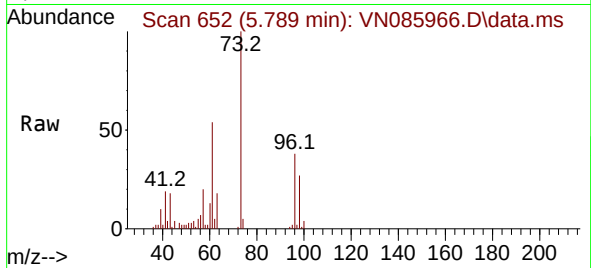




#21
trans-1,2-Dichloroethene
Concen: 18.684 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

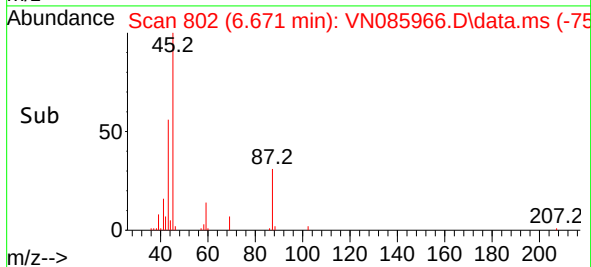
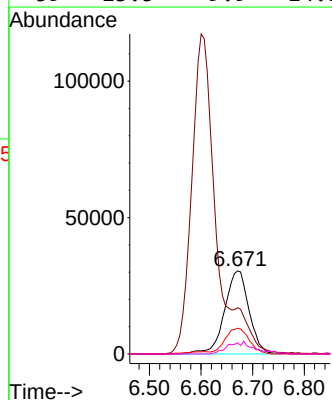
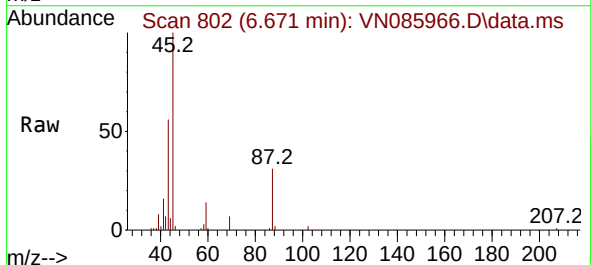
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBSD01

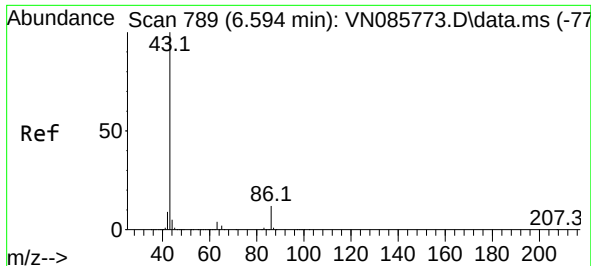
Tgt Ion: 96 Resp: 33627
Ion Ratio Lower Upper
96 100
61 140.9 112.6 168.8
98 69.0 53.3 79.9



#22
Diisopropyl ether
Concen: 20.061 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

Tgt Ion: 45 Resp: 99478
Ion Ratio Lower Upper
45 100
43 53.7 42.6 64.0
87 30.9 25.8 38.8
59 13.5 9.9 14.9

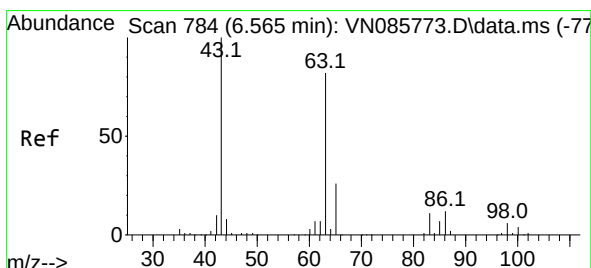
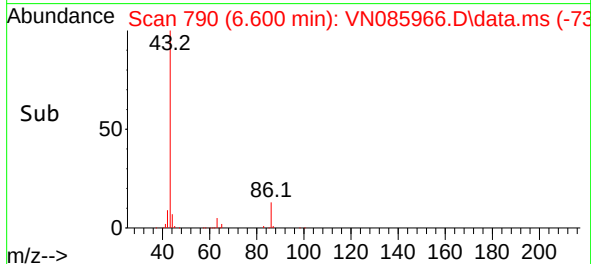
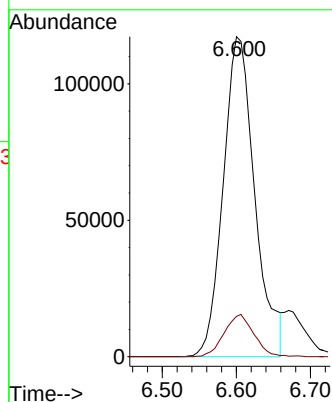
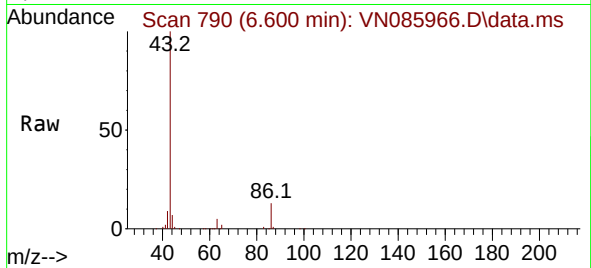




#23
 Vinyl Acetate
 Concen: 102.255 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085966.D
 Acq: 12 Mar 2025 17:42

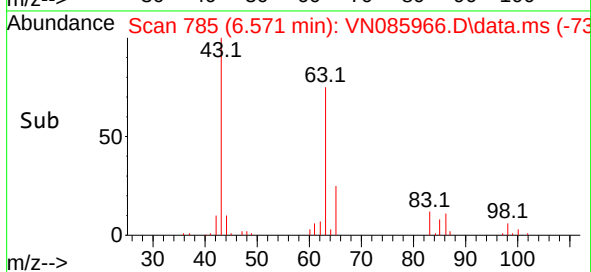
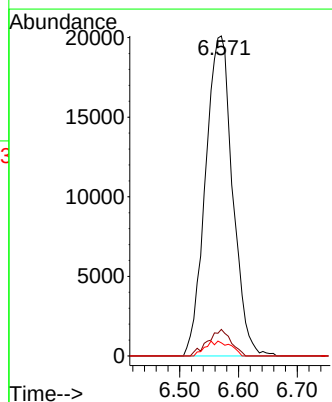
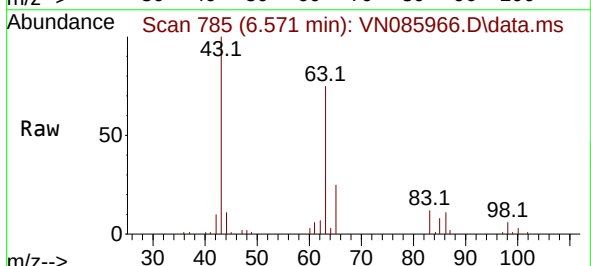
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312MBSD01

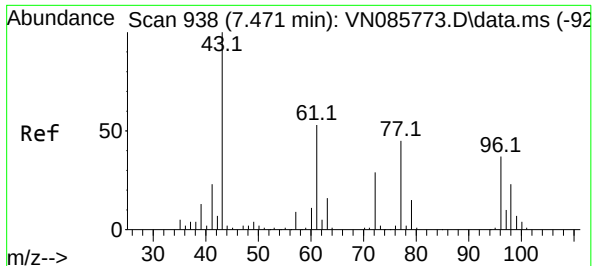
Tgt Ion: 43 Resp: 347188
 Ion Ratio Lower Upper
 43 100
 86 12.6 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 19.139 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN085966.D
 Acq: 12 Mar 2025 17:42

Tgt Ion: 63 Resp: 64518
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.5 10.4
 100 4.1 2.4 7.2





#25

2-Butanone

Concen: 98.812 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.012 min

Lab File: VN085966.D

Acq: 12 Mar 2025 17:42

Instrument :

MSVOA_N

ClientSampleId :

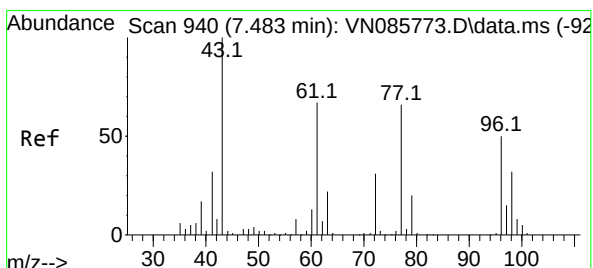
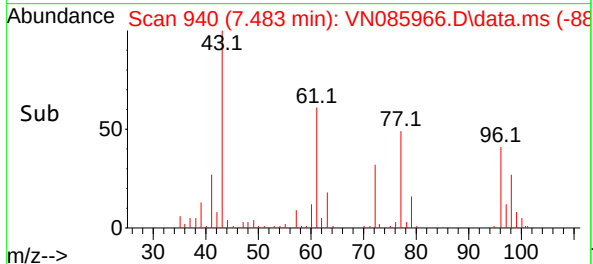
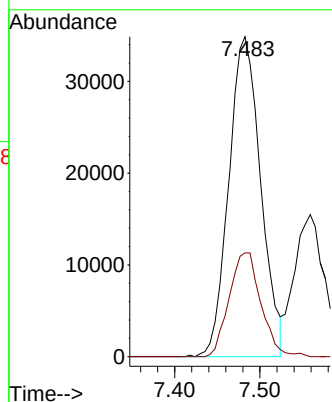
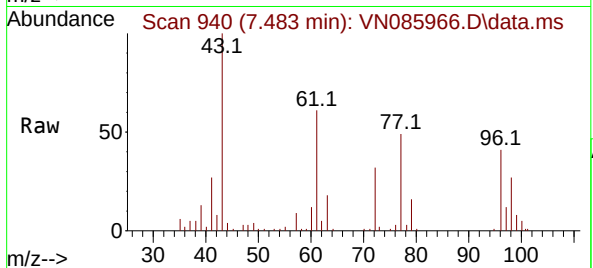
VN0312MBSD01

Tgt Ion: 43 Resp: 90896

Ion Ratio Lower Upper

43 100

72 32.4 23.6 35.4



#26

2,2-Dichloropropane

Concen: 17.821 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN085966.D

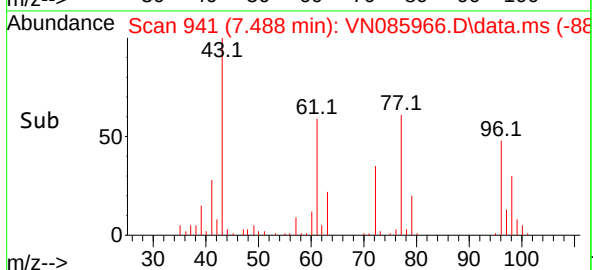
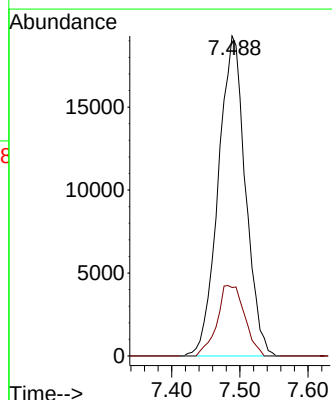
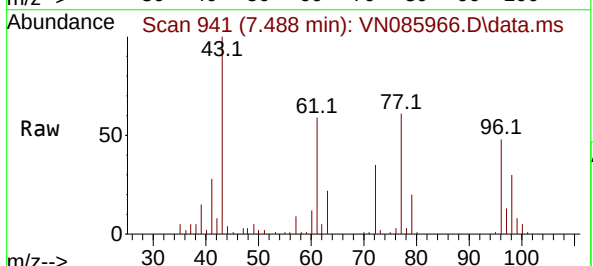
Acq: 12 Mar 2025 17:42

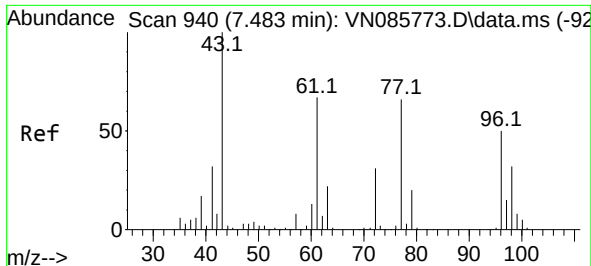
Tgt Ion: 77 Resp: 53419

Ion Ratio Lower Upper

77 100

97 22.3 11.3 33.8

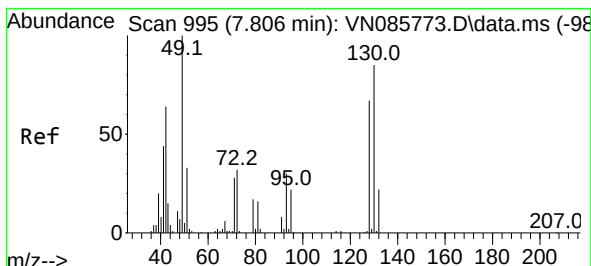
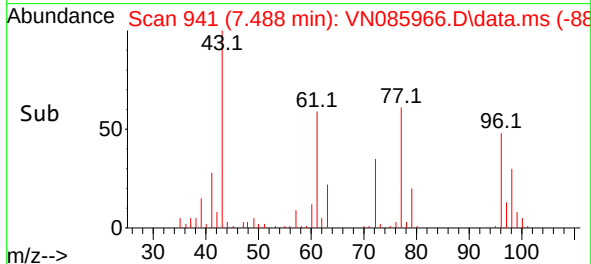
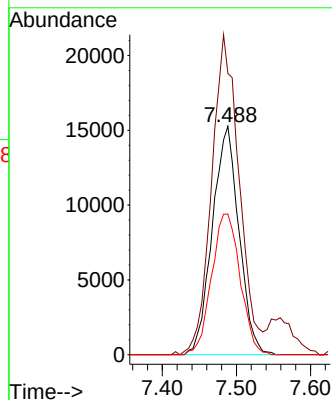
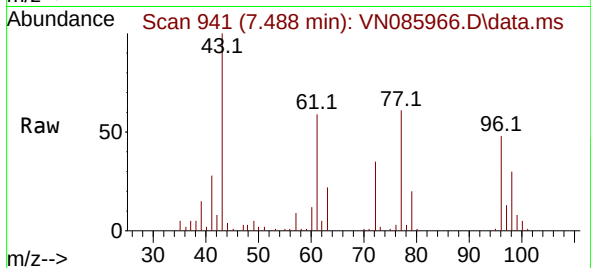




#27
 cis-1,2-Dichloroethene
 Concen: 18.297 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN085966.D
 Acq: 12 Mar 2025 17:42

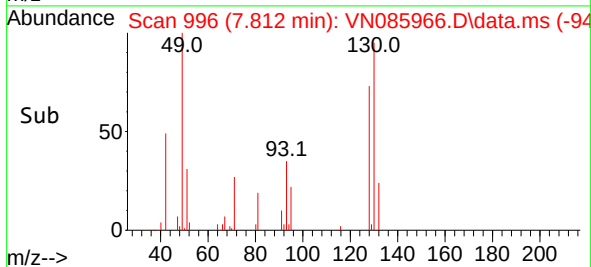
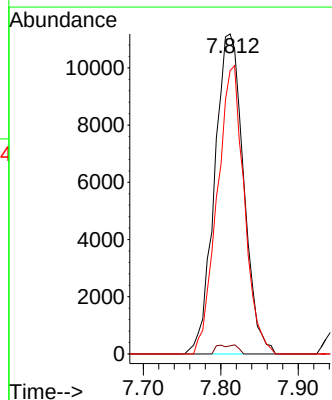
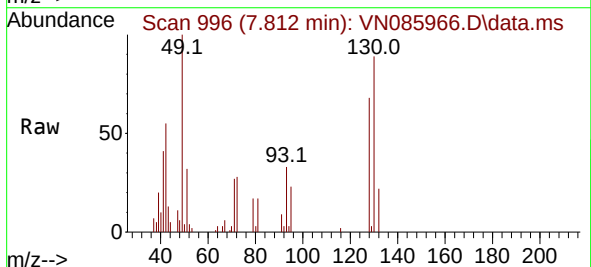
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312MBSD01

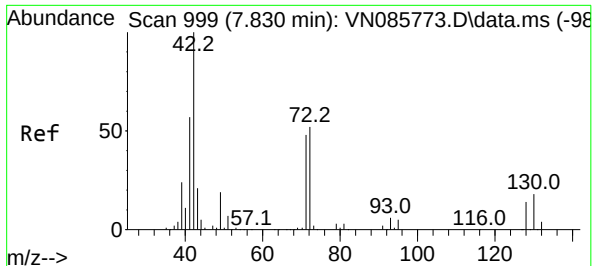
Tgt Ion: 96 Resp: 38184
 Ion Ratio Lower Upper
 96 100
 61 145.0 0.0 280.6
 98 65.9 0.0 128.6



#28
 Bromochloromethane
 Concen: 21.031 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085966.D
 Acq: 12 Mar 2025 17:42

Tgt Ion: 49 Resp: 29138
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 83.9 68.0 102.0





#29

Tetrahydrofuran

Concen: 106.414 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN085966.D

Acq: 12 Mar 2025 17:42

Instrument :

MSVOA_N

ClientSampleId :

VN0312MBS01

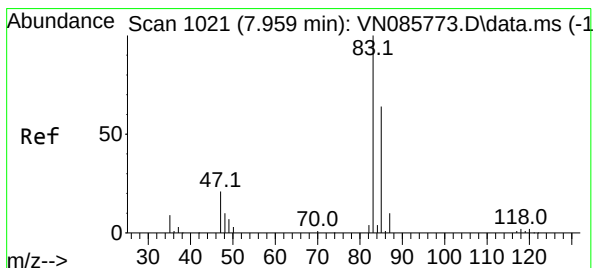
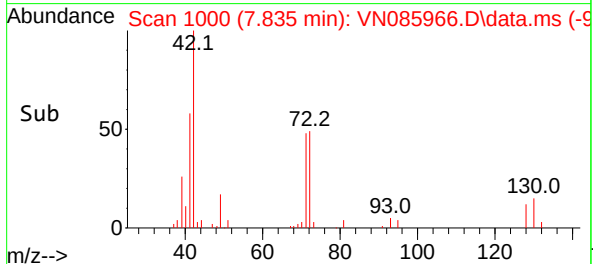
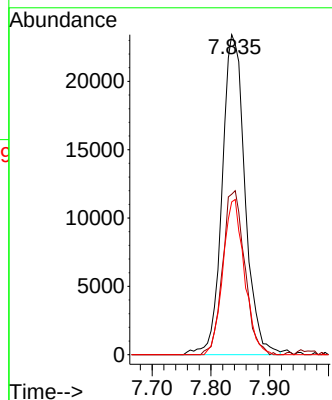
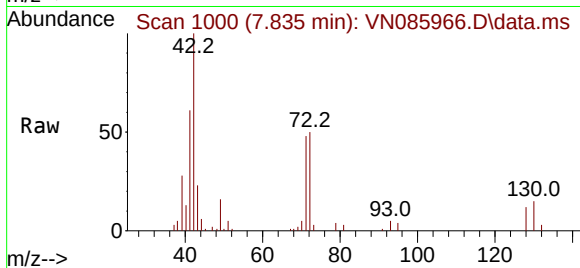
Tgt Ion: 42 Resp: 63211

Ion Ratio Lower Upper

42 100

72 49.6 40.0 60.0

71 45.8 37.0 55.4



#30

Chloroform

Concen: 19.492 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN085966.D

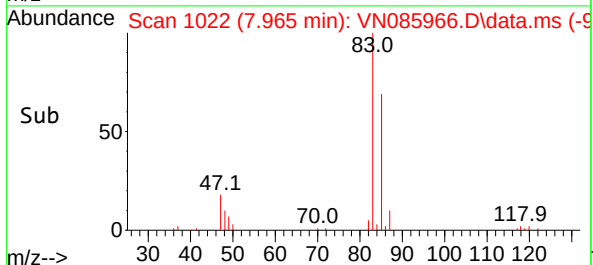
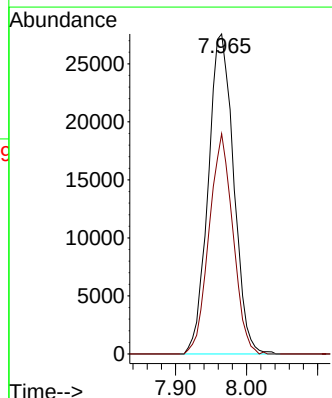
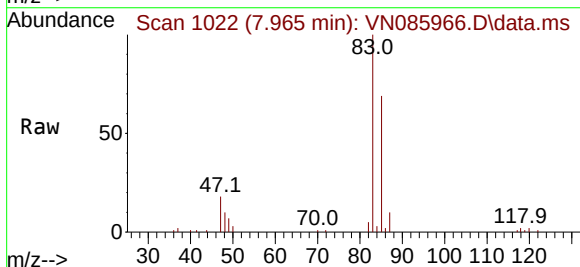
Acq: 12 Mar 2025 17:42

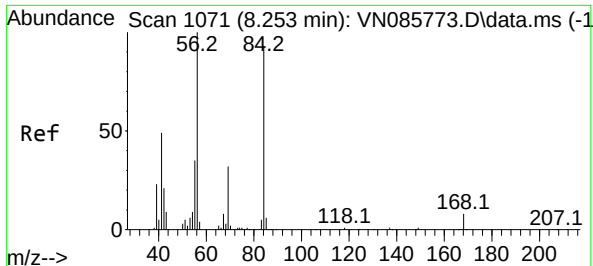
Tgt Ion: 83 Resp: 68667

Ion Ratio Lower Upper

83 100

85 68.8 50.9 76.3

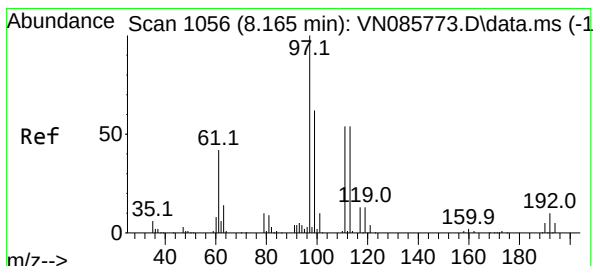
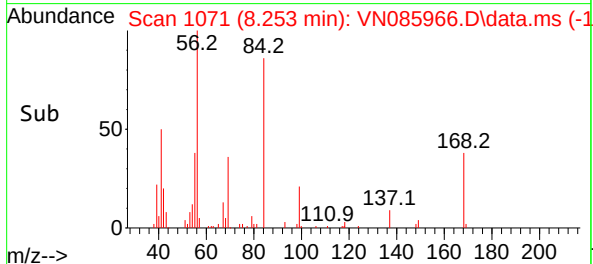
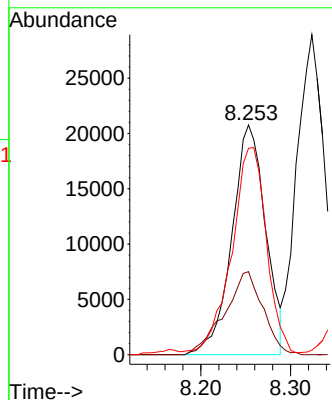
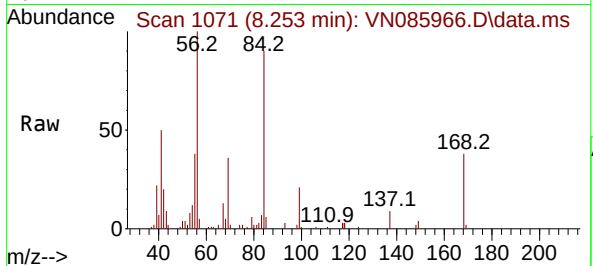




#31
Cyclohexane
Concen: 19.222 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

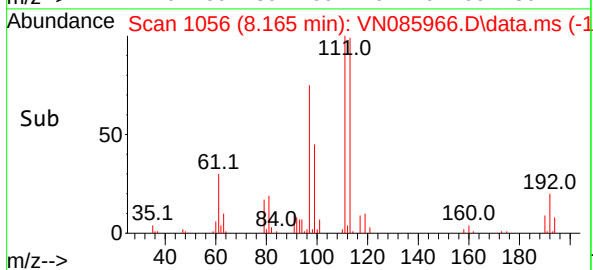
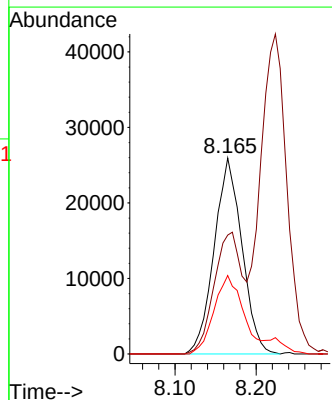
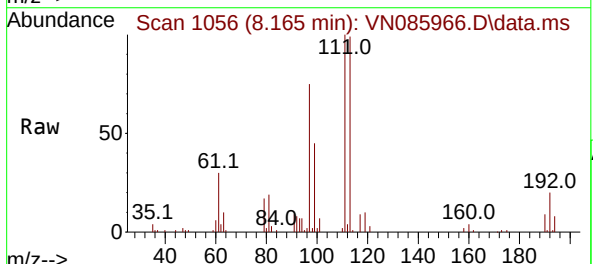
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBSD01

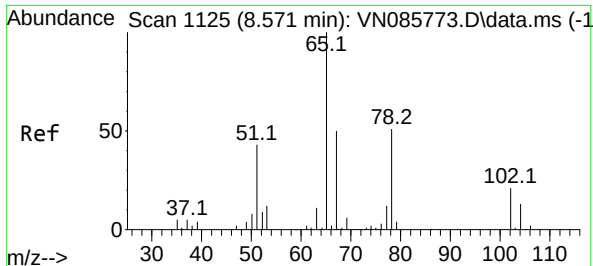
Tgt Ion:	56	Resp:	54252
Ion Ratio	Lower	Upper	
56	100		
69	36.1	25.8	38.6
84	88.6	74.5	111.7



#32
1,1,1-Trichloroethane
Concen: 19.679 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

Tgt Ion:	97	Resp:	61662
Ion Ratio	Lower	Upper	
97	100		
99	63.4	50.4	75.6
61	42.1	35.5	53.3





#33

1,2-Dichloroethane-d4

Concen: 50.452 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085966.D

Acq: 12 Mar 2025 17:42

Instrument :

MSVOA_N

ClientSampleId :

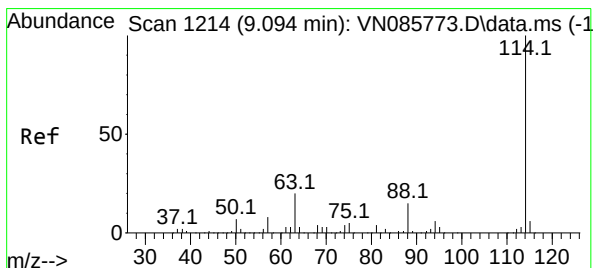
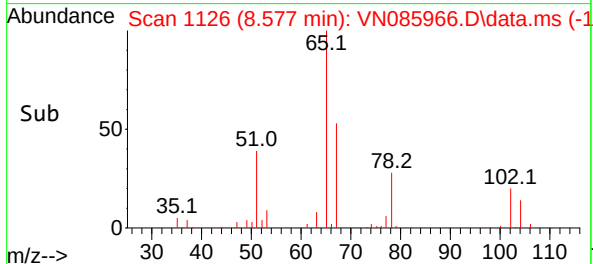
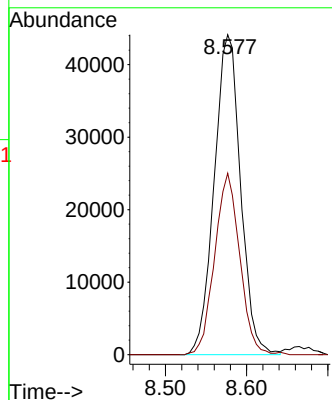
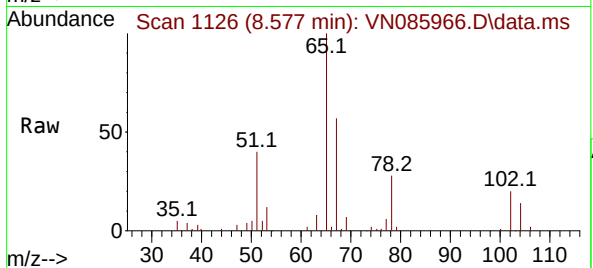
VN0312MBS01

Tgt Ion: 65 Resp: 99697

Ion Ratio Lower Upper

65 100

67 54.0 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085966.D

Acq: 12 Mar 2025 17:42

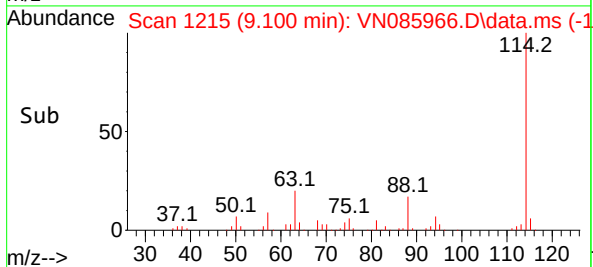
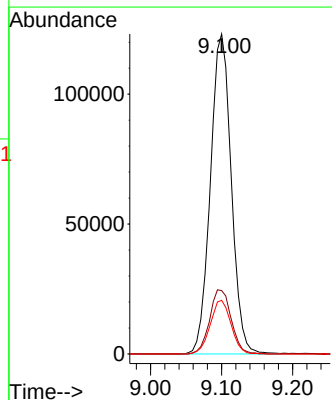
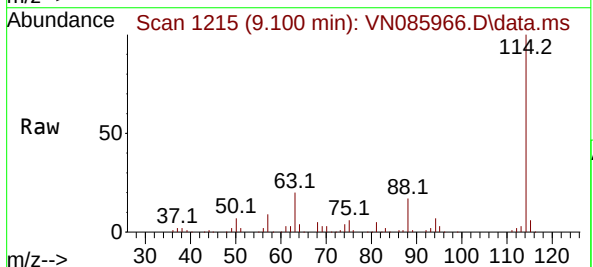
Tgt Ion: 114 Resp: 251190

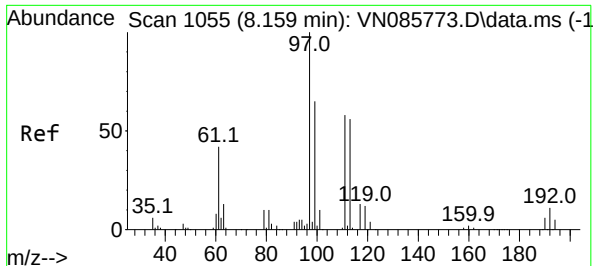
Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.2

88 16.7 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.447 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085966.D

Acq: 12 Mar 2025 17:42

Instrument :

MSVOA_N

ClientSampleId :

VN0312MBSD01

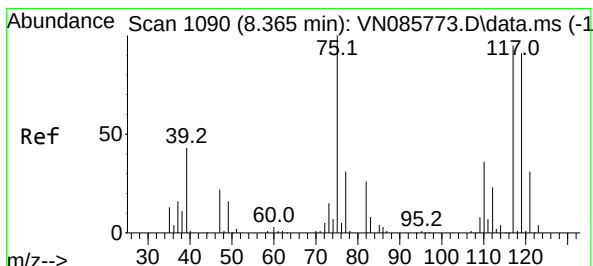
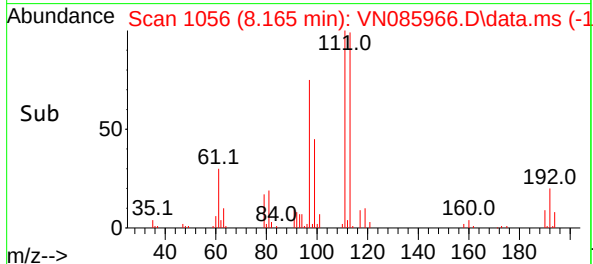
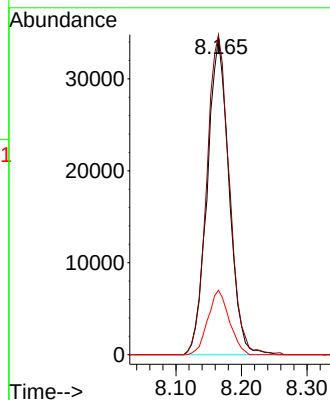
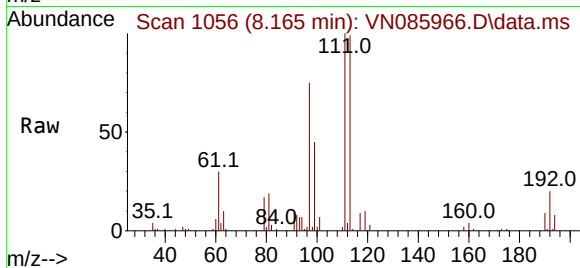
Tgt Ion:113 Resp: 79630

Ion Ratio Lower Upper

113 100

111 104.2 82.2 123.4

192 19.9 14.7 22.1



#36

1,1-Dichloropropene

Concen: 18.744 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN085966.D

Acq: 12 Mar 2025 17:42

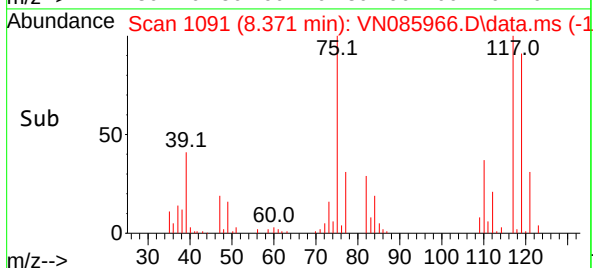
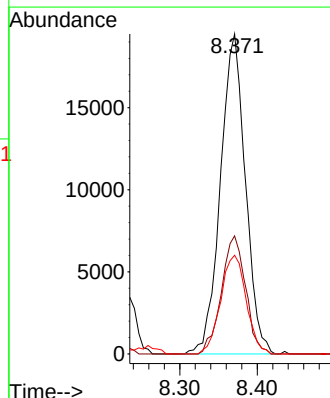
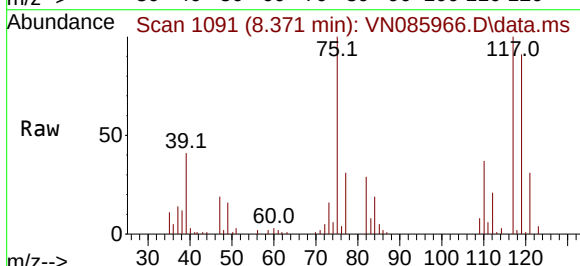
Tgt Ion: 75 Resp: 43604

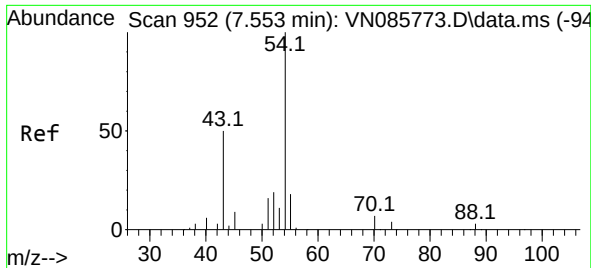
Ion Ratio Lower Upper

75 100

110 35.7 17.3 52.0

77 31.6 24.6 37.0

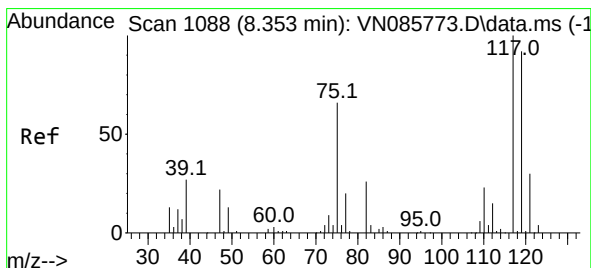
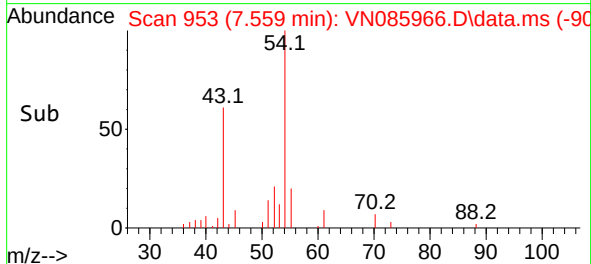
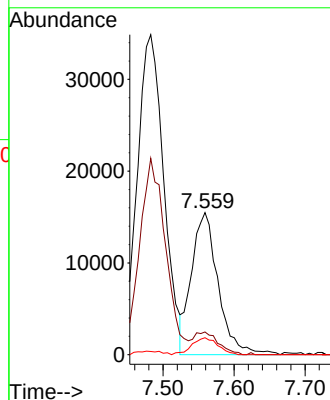
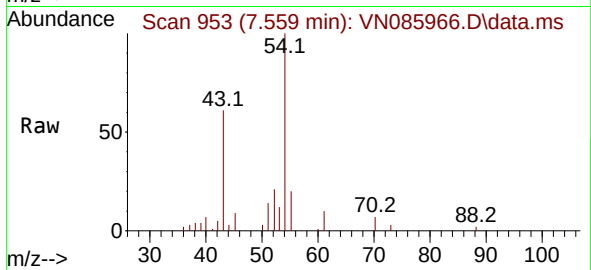




#37
Ethyl Acetate
Concen: 21.202 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

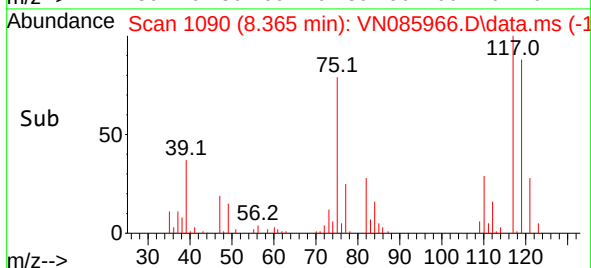
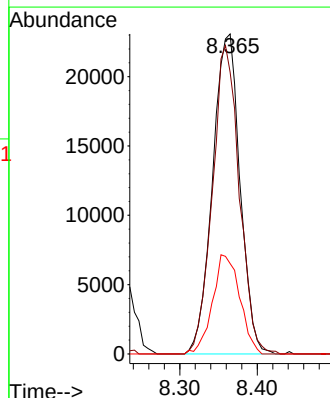
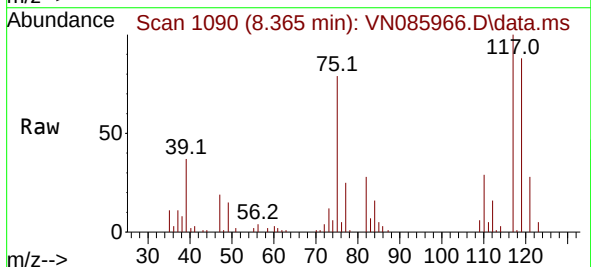
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBSD01

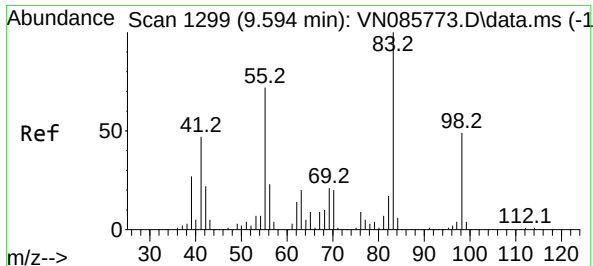
Tgt Ion:	43	Resp:	40588
Ion	Ratio	Lower	Upper
43	100		
61	14.8	12.2	18.2
70	11.5	9.5	14.3



#38
Carbon Tetrachloride
Concen: 20.543 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.012 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

Tgt Ion:	117	Resp:	56782
Ion	Ratio	Lower	Upper
117	100		
119	88.0	73.8	110.6
121	28.3	24.3	36.5





#39

Methylcyclohexane

Concen: 18.039 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN085966.D

Acq: 12 Mar 2025 17:42

Instrument :

MSVOA_N

ClientSampleId :

VN0312MBSD01

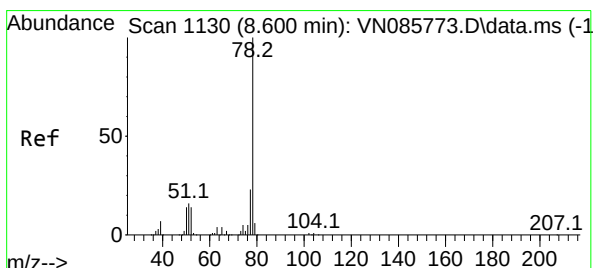
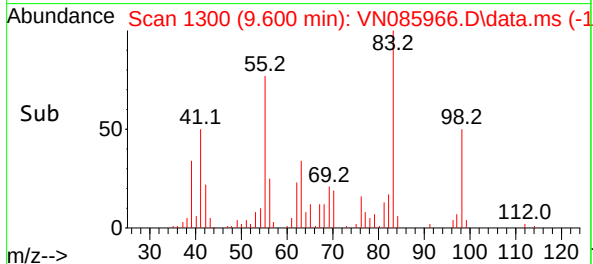
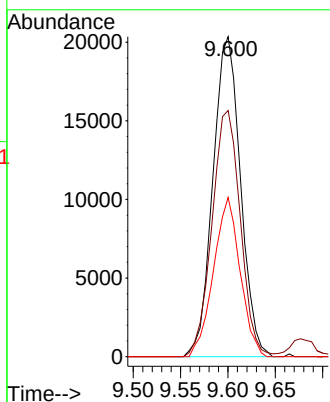
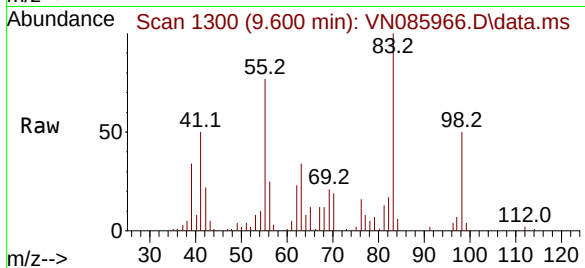
Tgt Ion: 83 Resp: 41224

Ion Ratio Lower Upper

83 100

55 77.0 57.5 86.3

98 49.8 39.2 58.8



#40

Benzene

Concen: 19.803 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN085966.D

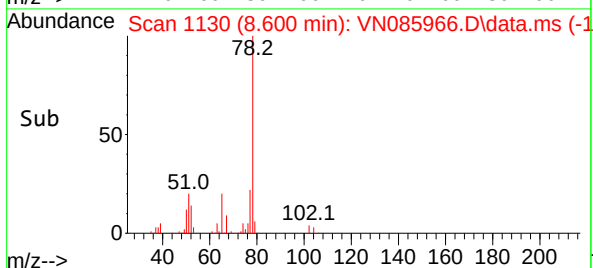
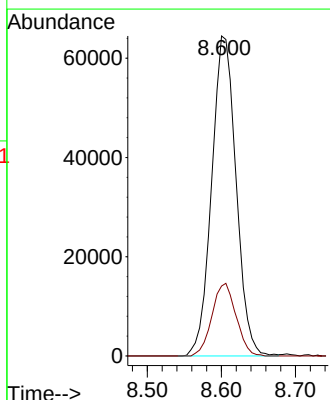
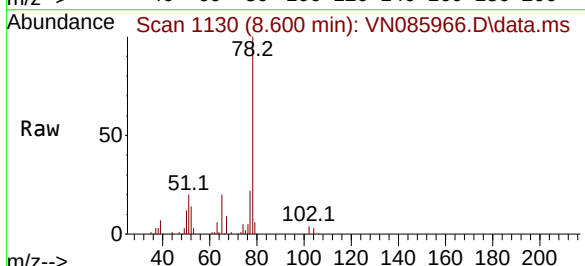
Acq: 12 Mar 2025 17:42

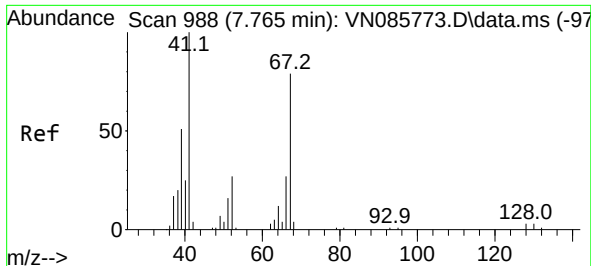
Tgt Ion: 78 Resp: 147649

Ion Ratio Lower Upper

78 100

77 21.8 18.3 27.5

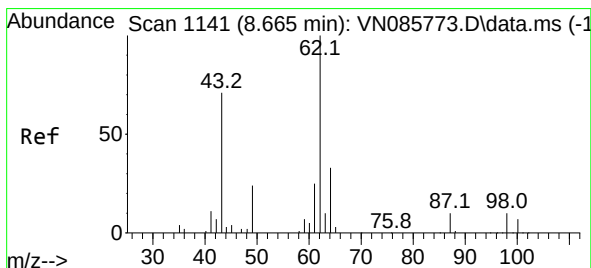
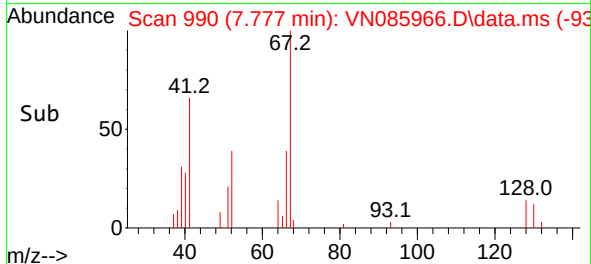
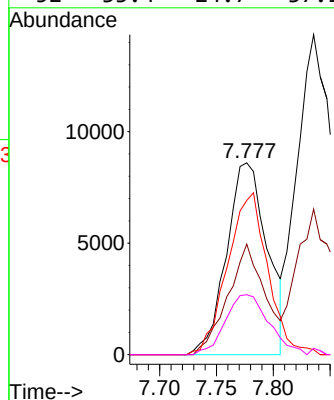
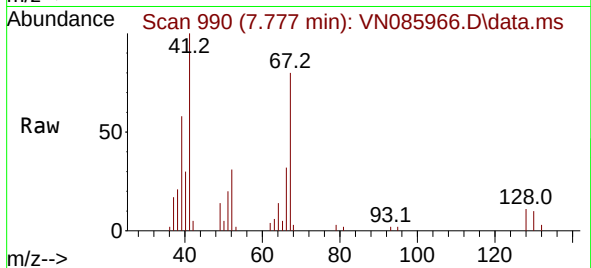




#41
Methacrylonitrile
Concen: 20.956 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

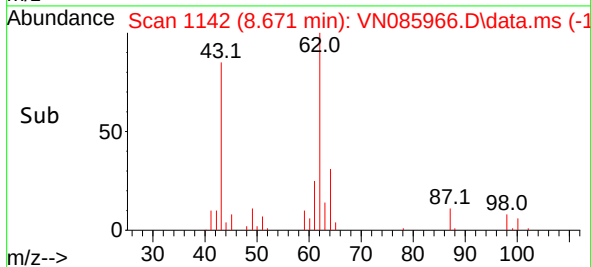
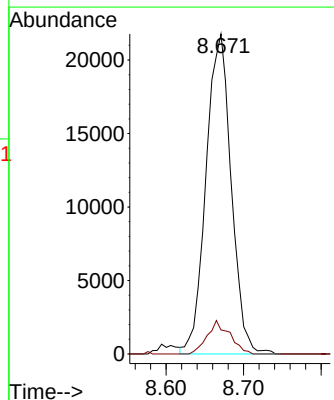
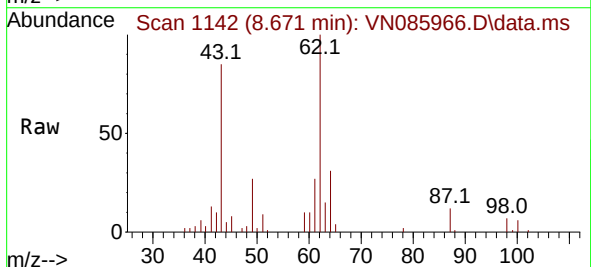
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBSD01

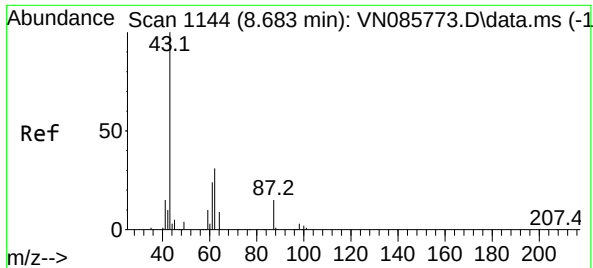
Tgt Ion:	41	Resp:	21446
Ion	Ratio	Lower	Upper
41	100		
39	52.6	42.0	63.0
67	83.5	64.2	96.4
52	33.4	24.7	37.1



#42
1,2-Dichloroethane
Concen: 20.262 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

Tgt Ion:	62	Resp:	49207
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.6

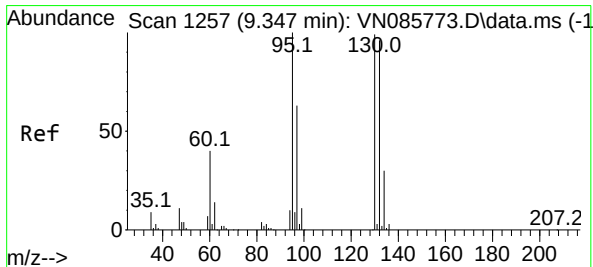
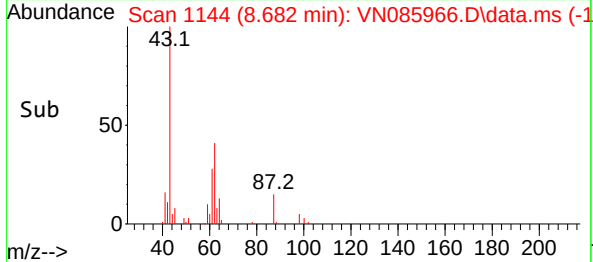
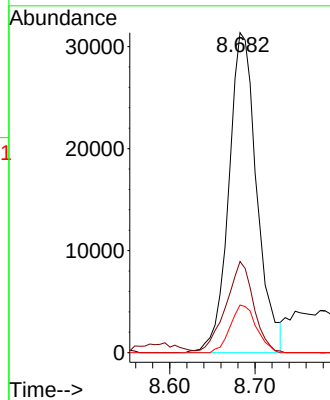
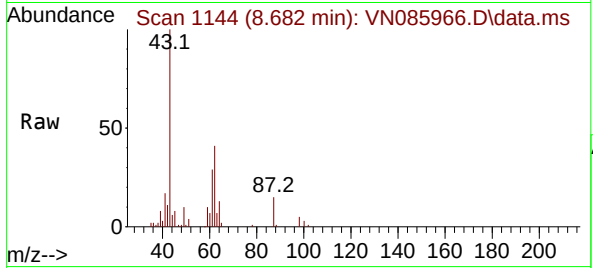




#43
Isopropyl Acetate
Concen: 20.989 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

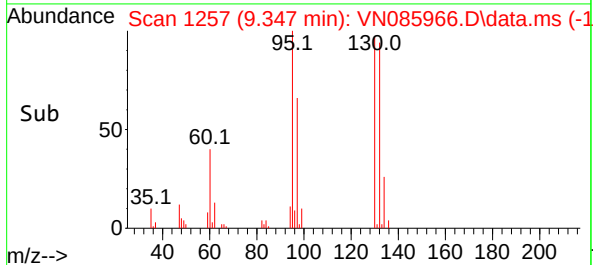
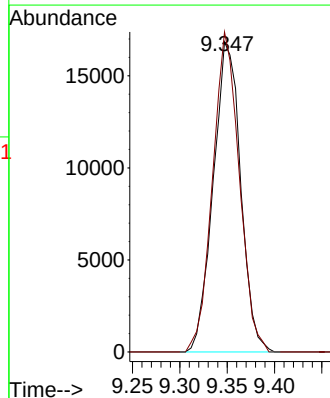
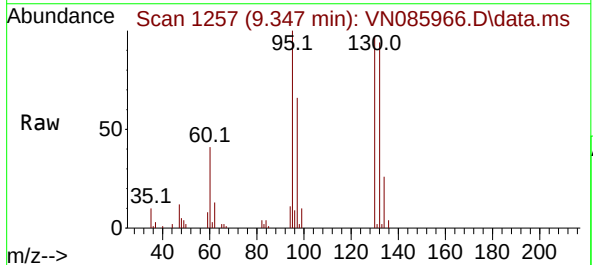
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBSD01

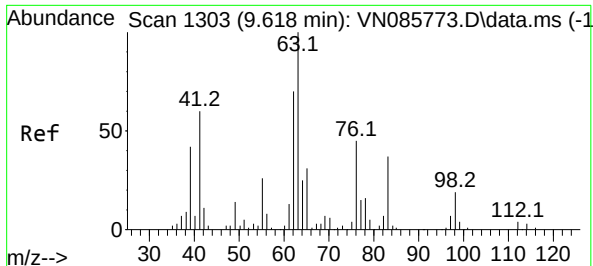
Tgt Ion: 43	Resp: 71582
Ion Ratio	Lower Upper
43 100	
61 28.3	22.6 34.0
87 13.9	11.8 17.8



#44
Trichloroethene
Concen: 18.517 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

Tgt Ion:130	Resp:	33898	
Ion	Ratio	Lower	Upper
130	100		
95	103.2	0.0	202.6





#45

1,2-Dichloropropane

Concen: 19.127 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN085966.D

Acq: 12 Mar 2025 17:42

Instrument :

MSVOA_N

ClientSampleId :

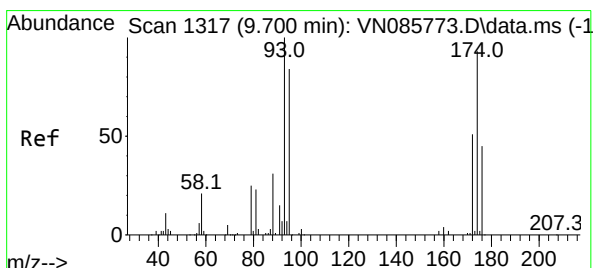
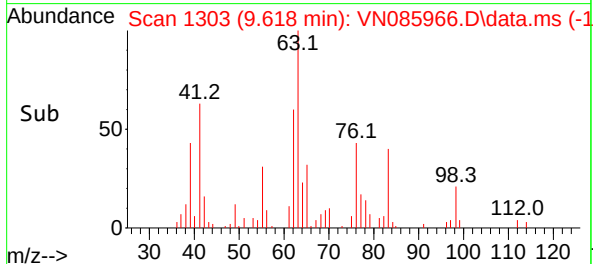
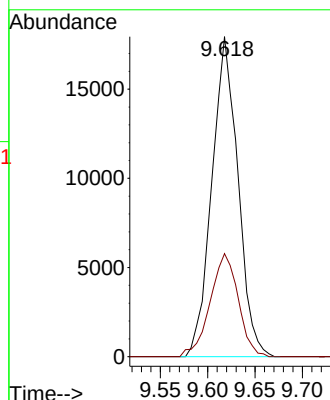
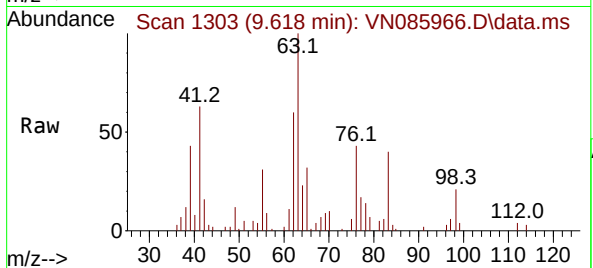
VN0312MBSD01

Tgt Ion: 63 Resp: 34422

Ion Ratio Lower Upper

63 100

65 32.2 25.1 37.7



#46

Dibromomethane

Concen: 20.153 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN085966.D

Acq: 12 Mar 2025 17:42

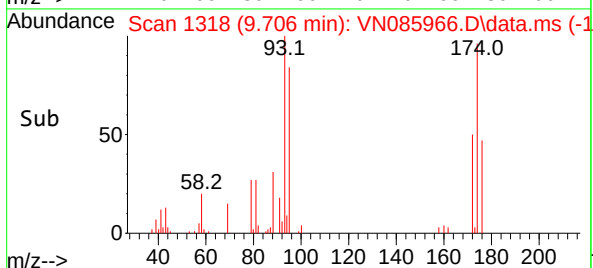
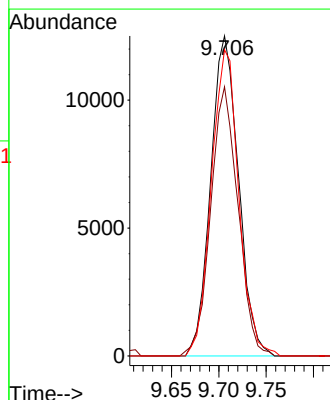
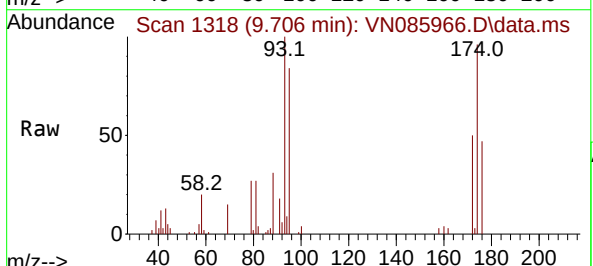
Tgt Ion: 93 Resp: 25583

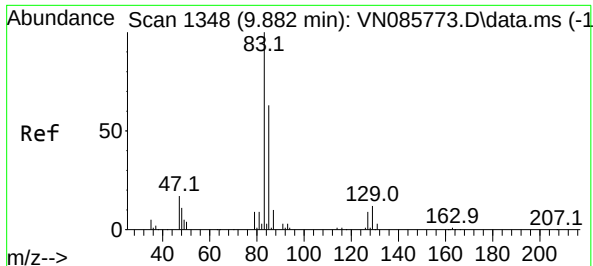
Ion Ratio Lower Upper

93 100

95 82.7 66.7 100.1

174 94.7 77.2 115.8

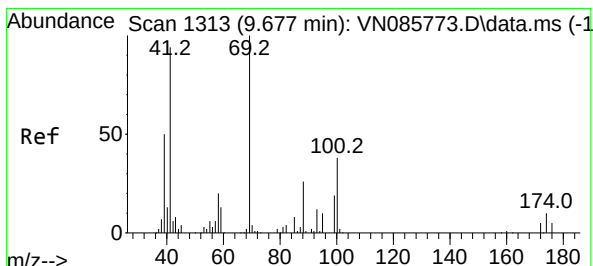
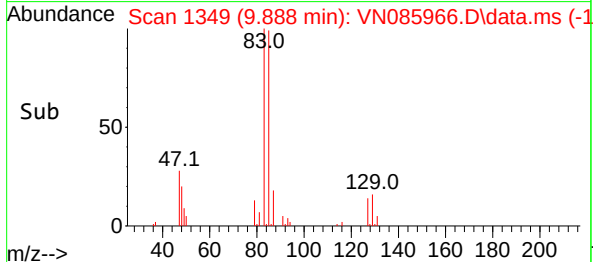
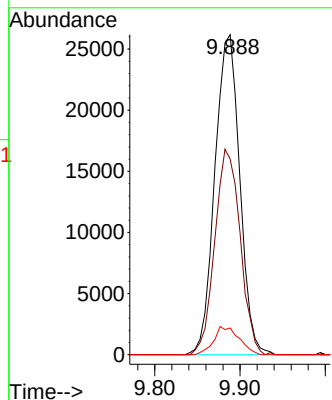
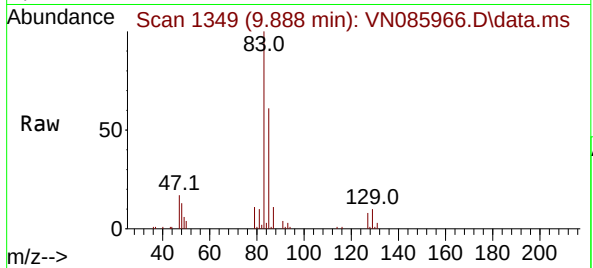




#47
Bromodichloromethane
Concen: 19.553 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

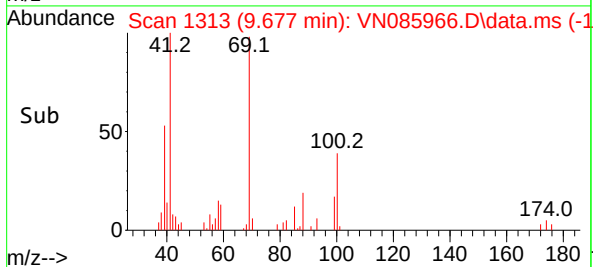
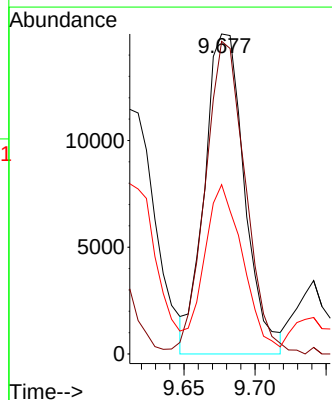
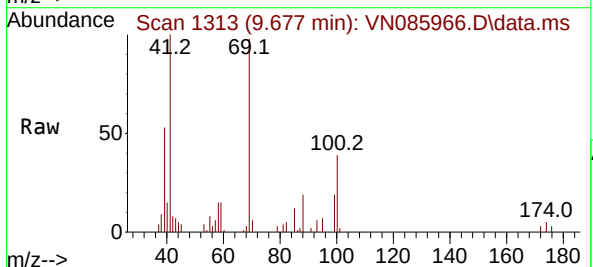
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBSD01

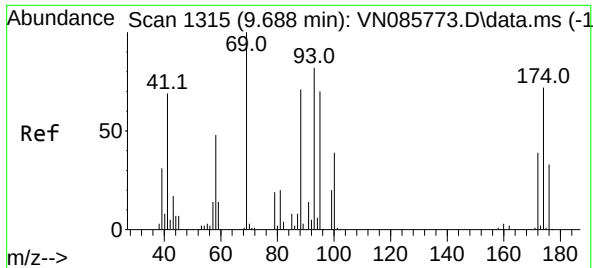
Tgt Ion: 83 Resp: 53105
Ion Ratio Lower Upper
83 100
85 61.1 50.5 75.7
127 8.4 7.2 10.8



#48
Methyl methacrylate
Concen: 20.599 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

Tgt Ion: 41 Resp: 29286
Ion Ratio Lower Upper
41 100
69 98.5 76.0 114.0
39 52.0 42.3 63.5

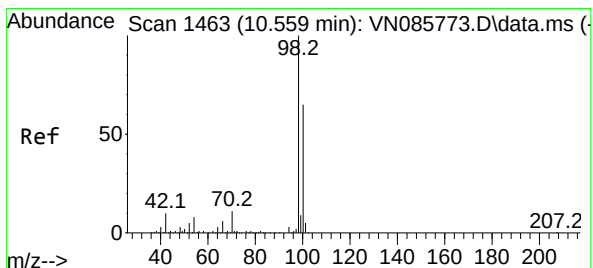
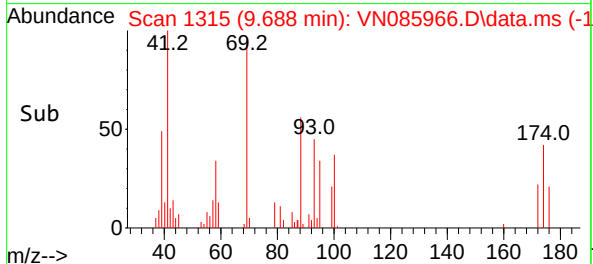
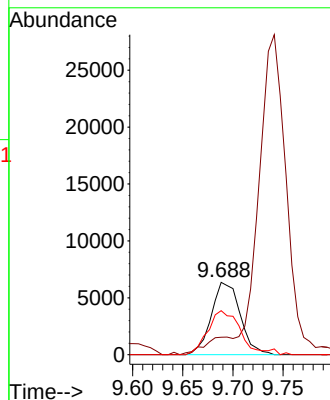
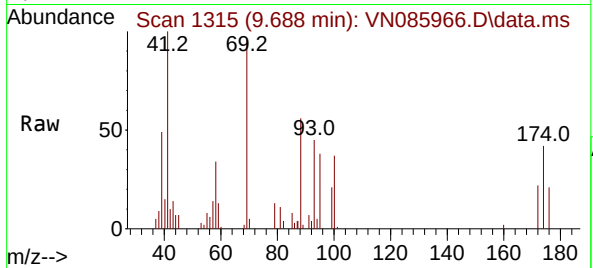




#49
1,4-Dioxane
Concen: 472.266 ug/l
RT: 9.688 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

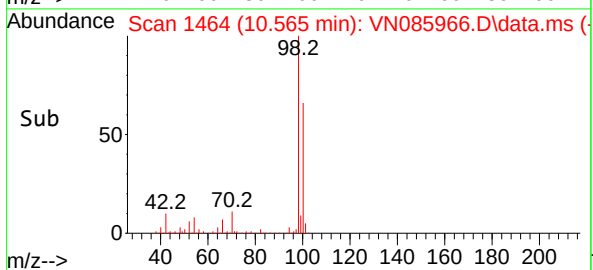
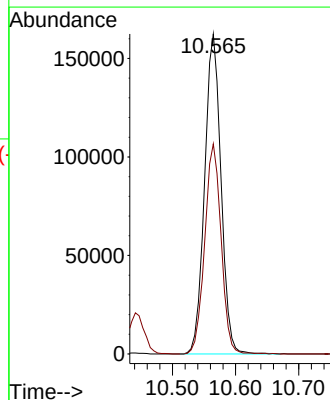
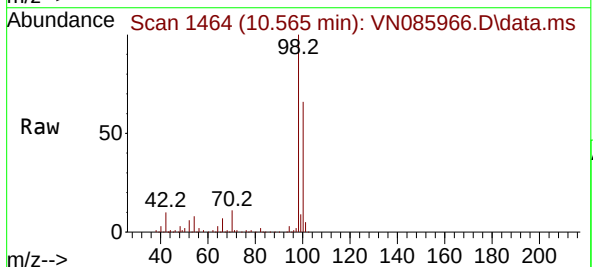
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBSD01

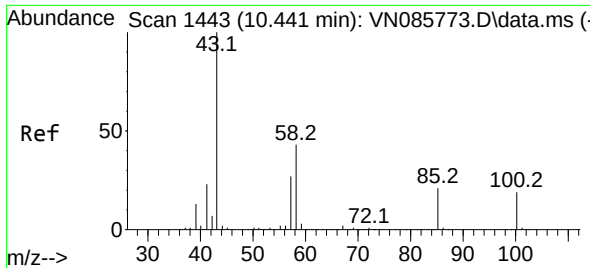
Tgt Ion: 88 Resp: 12768
Ion Ratio Lower Upper
88 100
43 25.2 18.6 27.8
58 69.4 56.7 85.1



#50
Toluene-d8
Concen: 48.991 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

Tgt Ion: 98 Resp: 292973
Ion Ratio Lower Upper
98 100
100 65.6 52.1 78.1

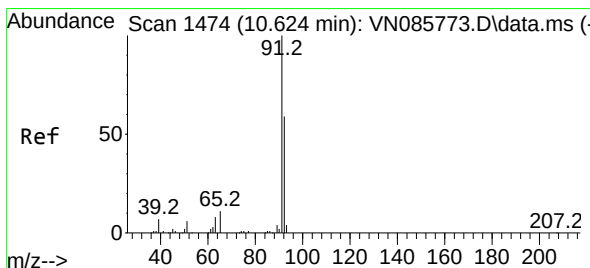
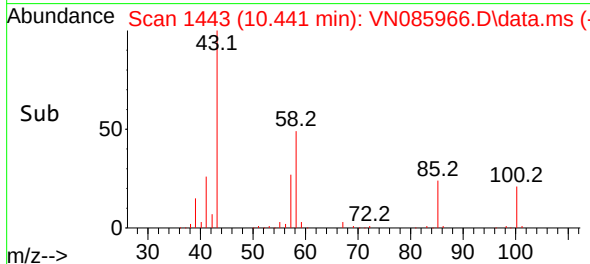
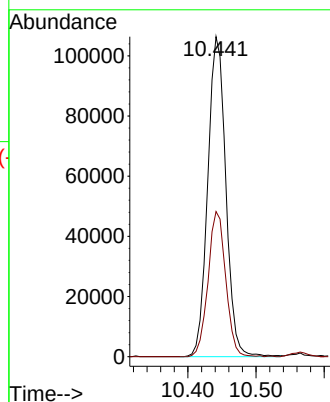
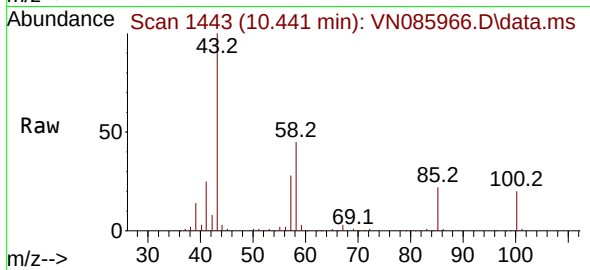




#51
4-Methyl-2-Pentanone
Concen: 106.375 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

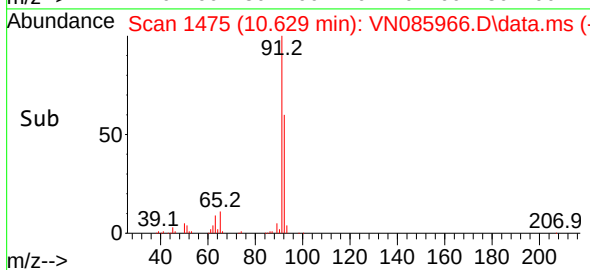
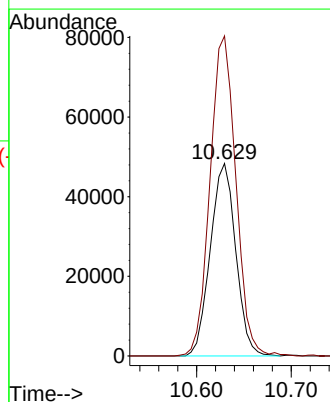
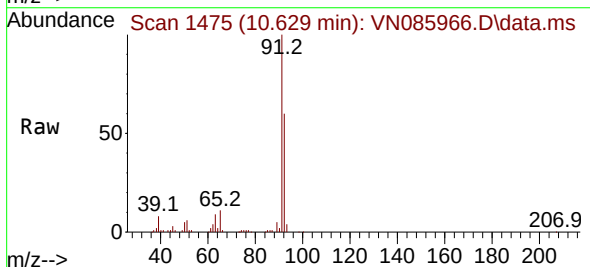
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBSD01

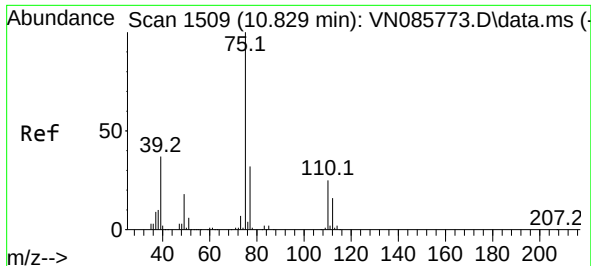
Tgt Ion: 43 Resp: 196336
Ion Ratio Lower Upper
43 100
58 44.4 34.6 52.0



#52
Toluene
Concen: 20.680 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

Tgt Ion: 92 Resp: 90381
Ion Ratio Lower Upper
92 100
91 168.6 136.9 205.3

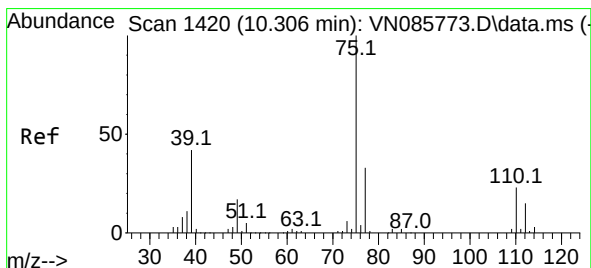
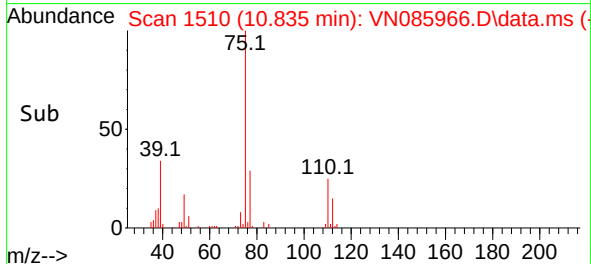
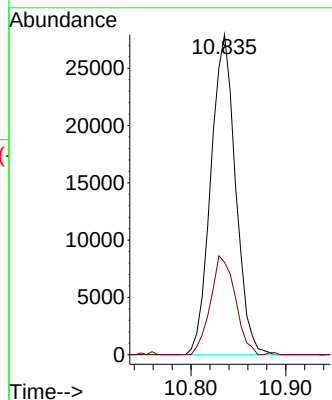
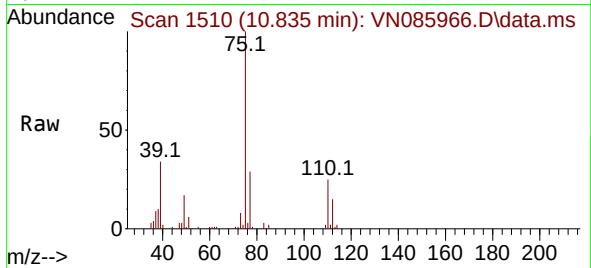




#53
 t-1,3-Dichloropropene
 Concen: 20.166 ug/l
 RT: 10.835 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VN085966.D
 Acq: 12 Mar 2025 17:42

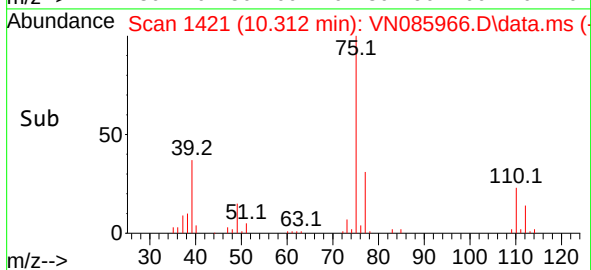
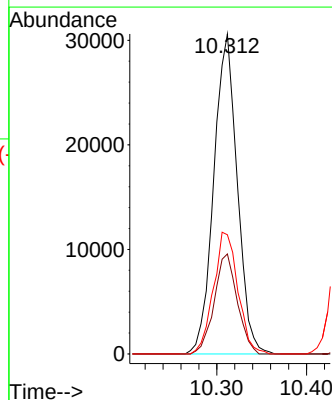
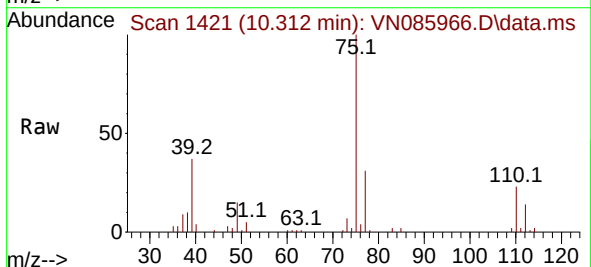
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312MBS01

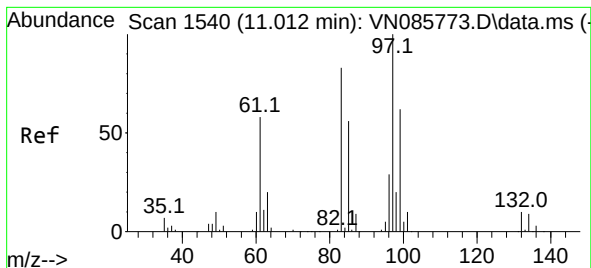
Tgt Ion: 75 Resp: 50645
 Ion Ratio Lower Upper
 75 100
 77 28.8 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.152 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VN085966.D
 Acq: 12 Mar 2025 17:42

Tgt Ion: 75 Resp: 55495
 Ion Ratio Lower Upper
 75 100
 77 31.3 26.1 39.1
 39 37.3 33.4 50.0





#55

1,1,2-Trichloroethane

Concen: 20.012 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. -0.000 min

Lab File: VN085966.D

Acq: 12 Mar 2025 17:42

Instrument :

MSVOA_N

ClientSampleId :

VN0312MBSD01

Tgt Ion: 97 Resp: 34774

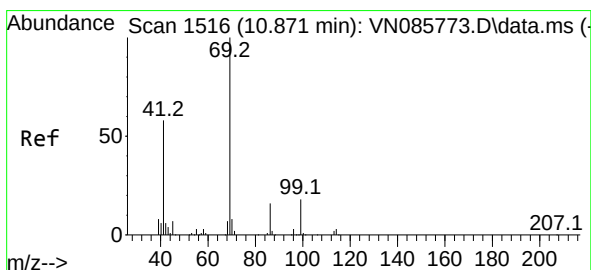
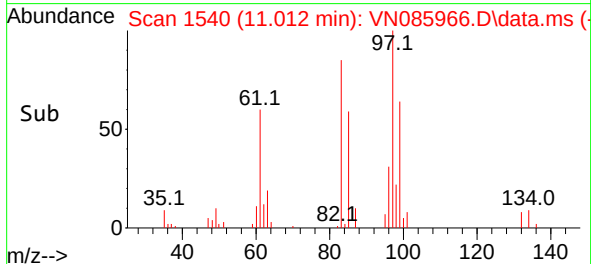
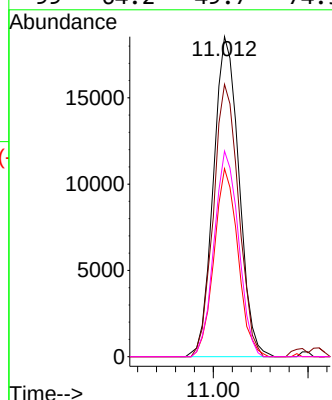
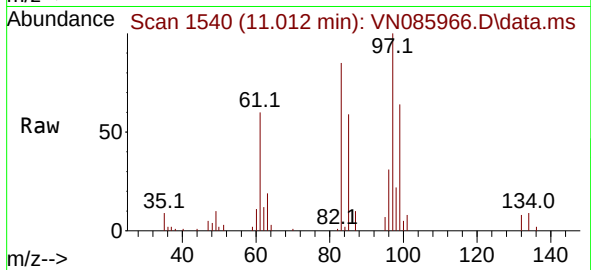
Ion Ratio Lower Upper

97 100

83 85.1 66.1 99.1

85 58.8 44.7 67.1

99 64.2 49.7 74.5



#56

Ethyl methacrylate

Concen: 20.325 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VN085966.D

Acq: 12 Mar 2025 17:42

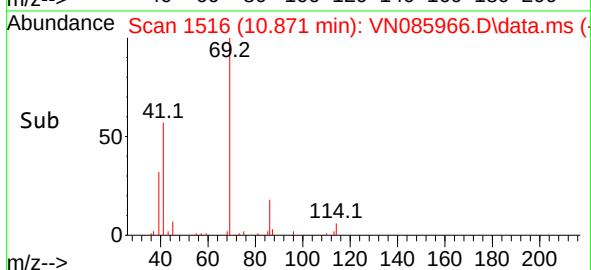
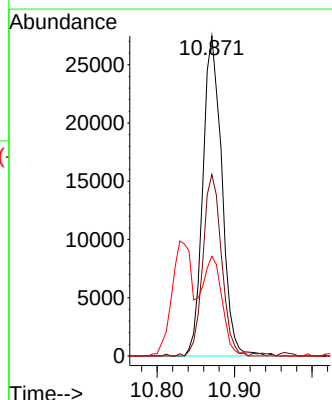
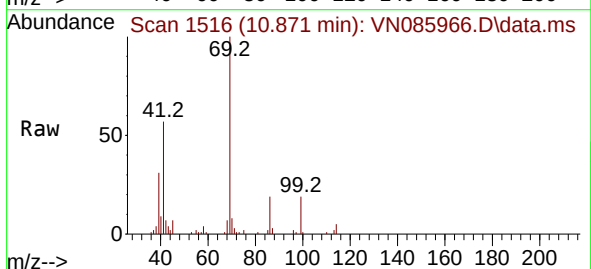
Tgt Ion: 69 Resp: 46706

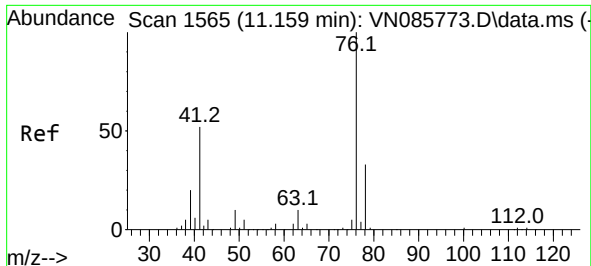
Ion Ratio Lower Upper

69 100

41 55.8 46.0 69.0

39 30.6 22.0 33.0





#57

1,3-Dichloropropane

Concen: 19.841 ug/l

RT: 11.159 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN085966.D

Acq: 12 Mar 2025 17:42

Instrument :

MSVOA_N

ClientSampleId :

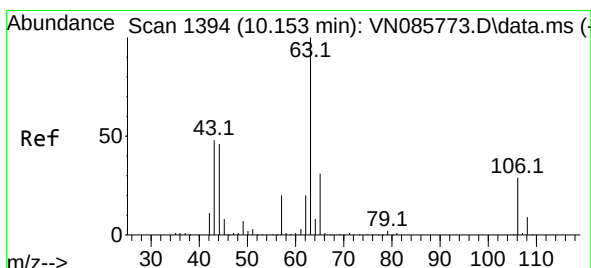
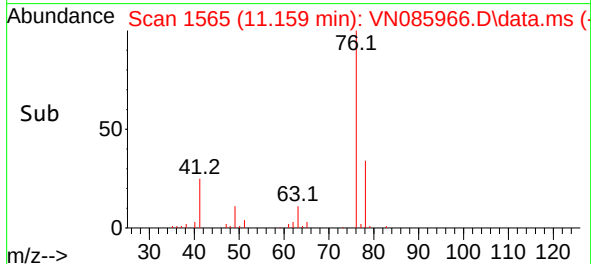
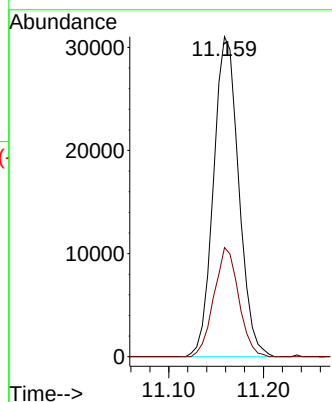
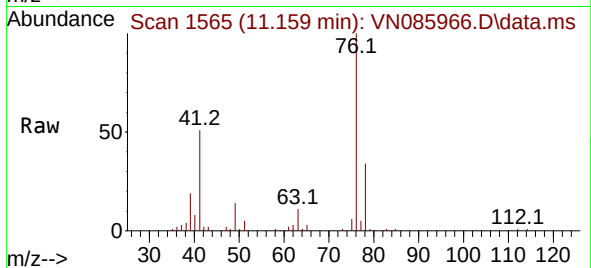
VN0312MBSD01

Tgt Ion: 76 Resp: 57555

Ion Ratio Lower Upper

76 100

78 33.4 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 93.231 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.006 min

Lab File: VN085966.D

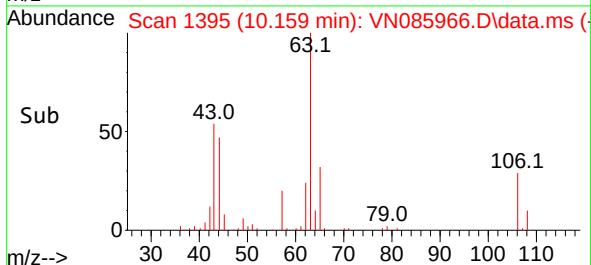
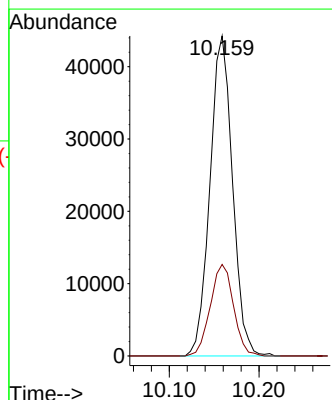
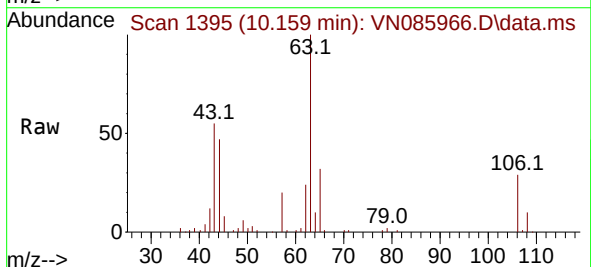
Acq: 12 Mar 2025 17:42

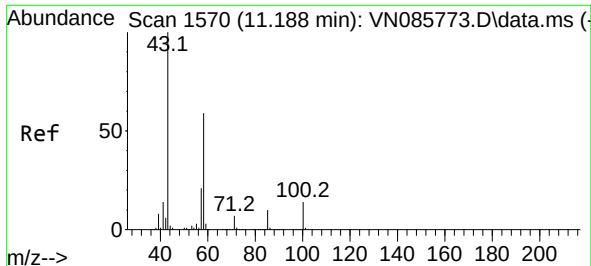
Tgt Ion: 63 Resp: 77329

Ion Ratio Lower Upper

63 100

106 29.4 22.7 34.1

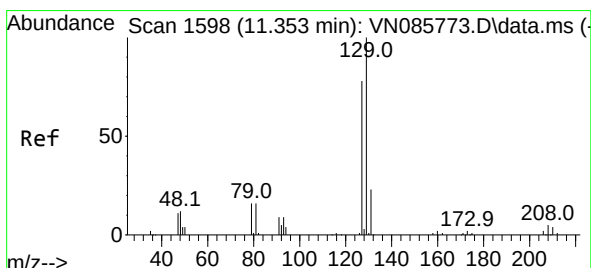
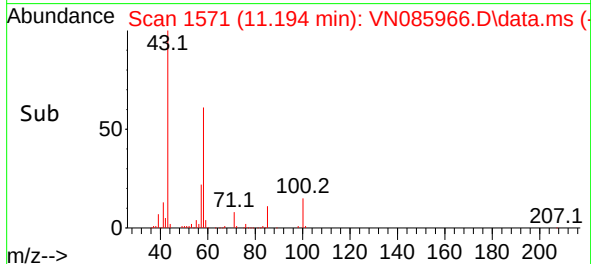
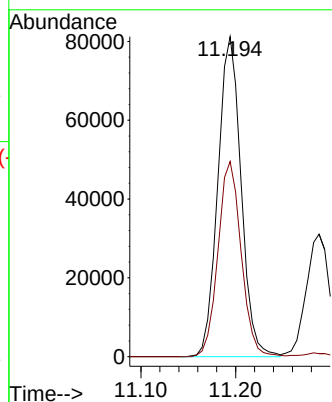
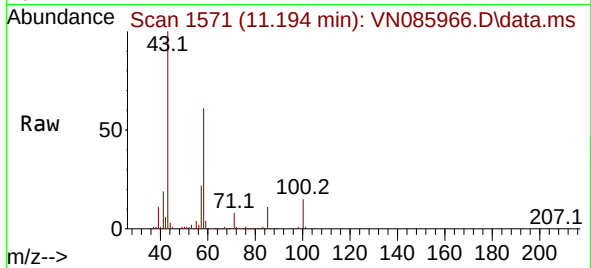




#59
2-Hexanone
Concen: 108.941 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

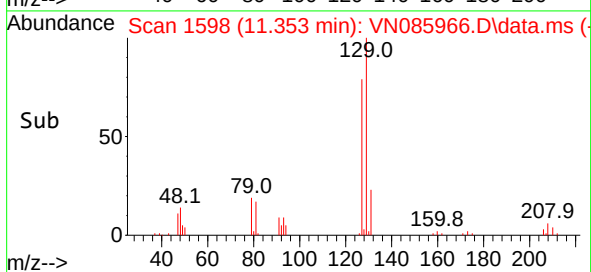
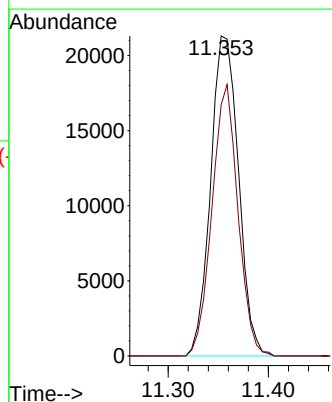
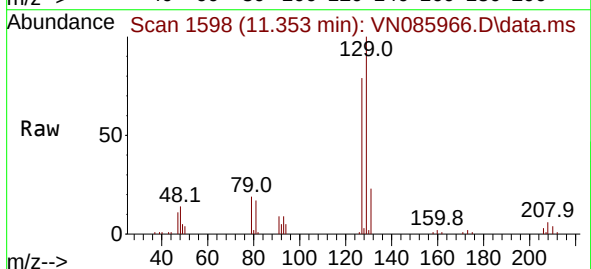
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBSD01

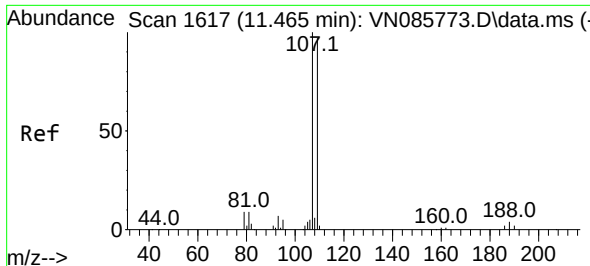
Tgt Ion: 43 Resp: 138326
Ion Ratio Lower Upper
43 100
58 60.8 29.8 89.5



#60
Dibromochloromethane
Concen: 20.373 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

Tgt Ion:129 Resp: 41222
Ion Ratio Lower Upper
129 100
127 78.7 39.1 117.5

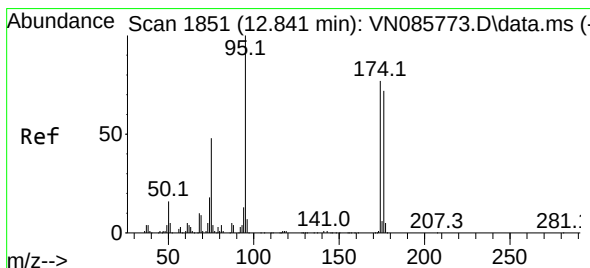
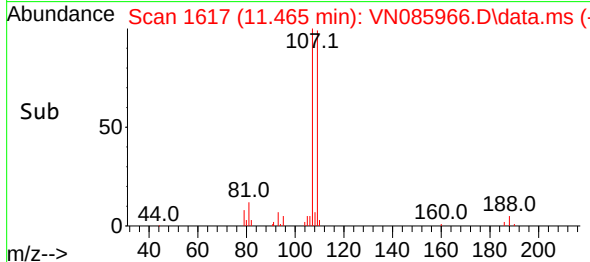
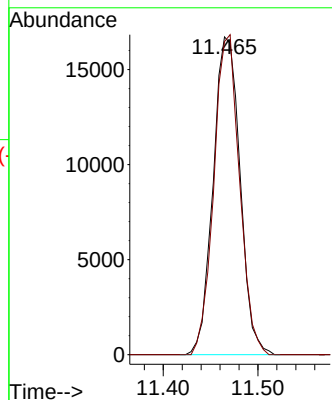
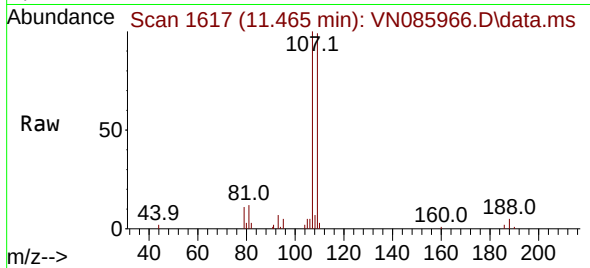




#61
1,2-Dibromoethane
Concen: 20.071 ug/l
RT: 11.465 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

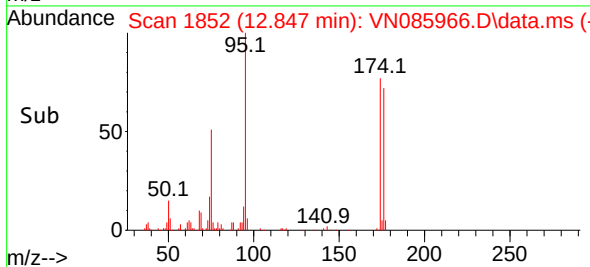
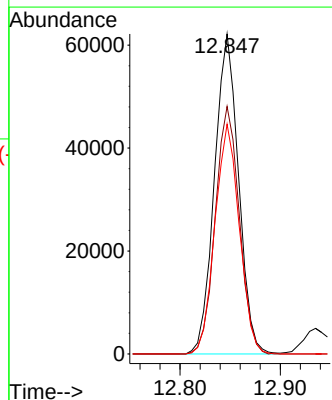
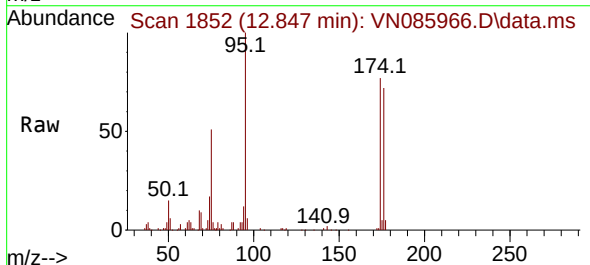
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBSD01

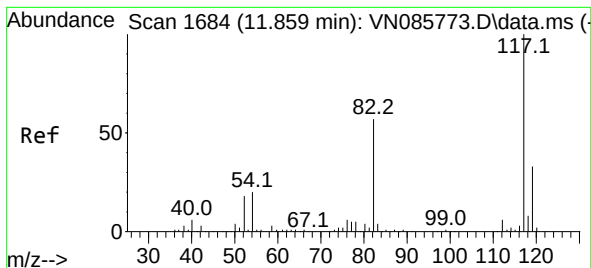
Tgt Ion:107 Resp: 32953
Ion Ratio Lower Upper
107 100
109 96.0 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 52.619 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

Tgt Ion: 95 Resp: 103676
Ion Ratio Lower Upper
95 100
174 77.3 0.0 152.4
176 72.7 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085966.D

Acq: 12 Mar 2025 17:42

Instrument :

MSVOA_N

ClientSampleId :

VN0312MBSD01

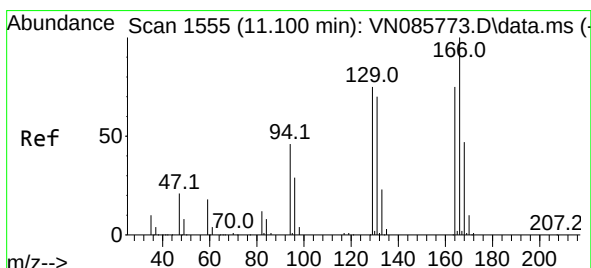
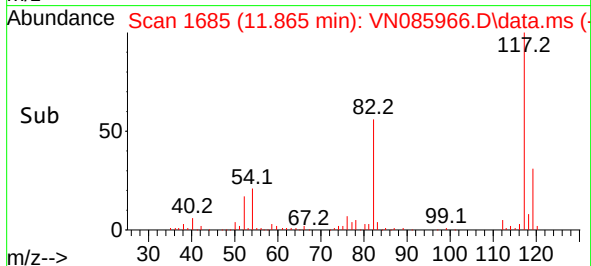
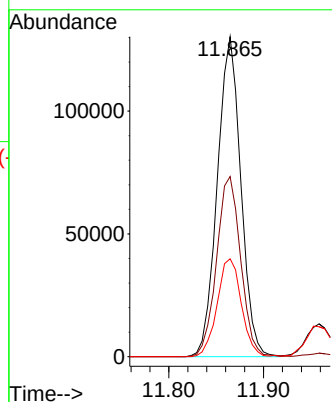
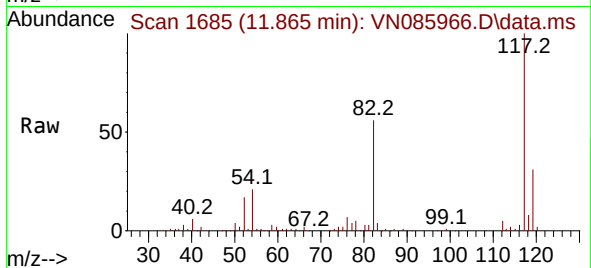
Tgt Ion:117 Resp: 225375

Ion Ratio Lower Upper

117 100

82 56.3 45.7 68.5

119 30.6 26.2 39.2



#64

Tetrachloroethene

Concen: 19.287 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VN085966.D

Acq: 12 Mar 2025 17:42

Tgt Ion:164 Resp: 33675

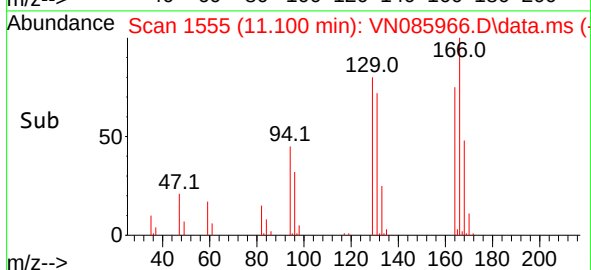
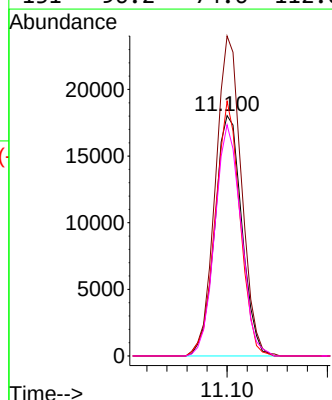
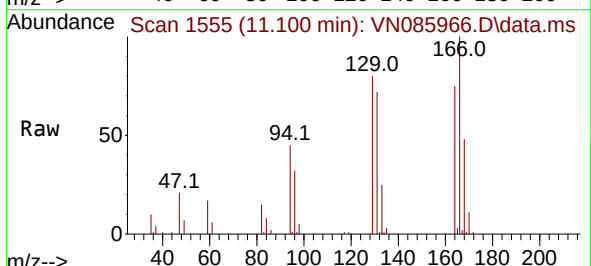
Ion Ratio Lower Upper

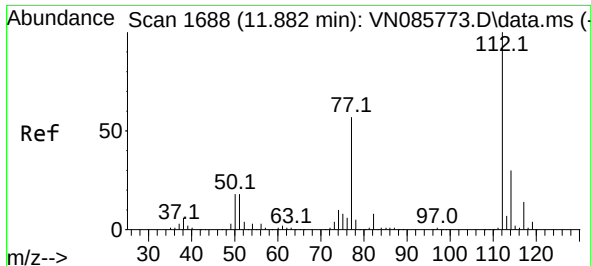
164 100

166 133.2 107.2 160.8

129 106.0 80.7 121.1

131 96.2 74.6 112.0

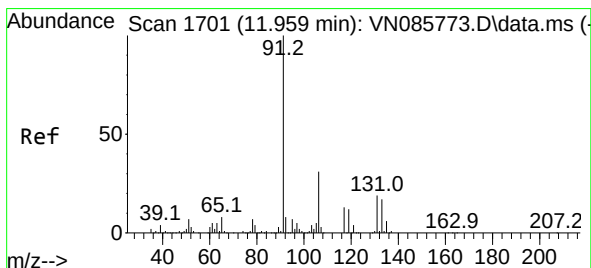
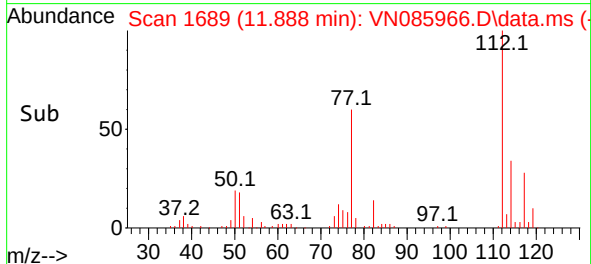
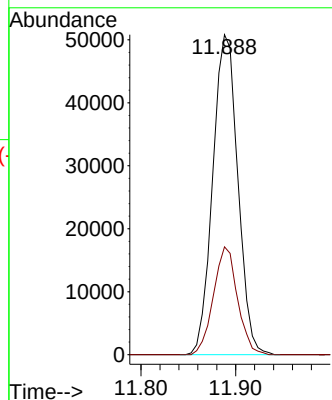
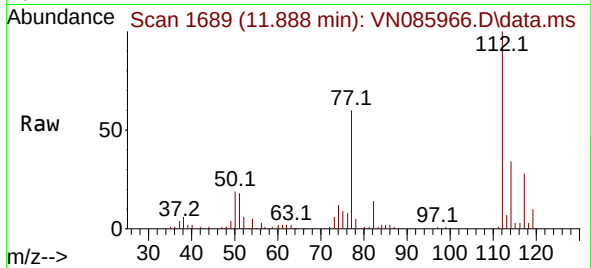




#65
Chlorobenzene
Concen: 18.125 ug/l
RT: 11.888 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

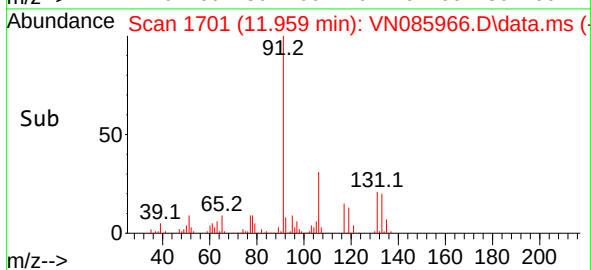
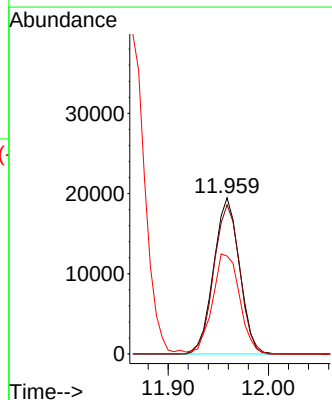
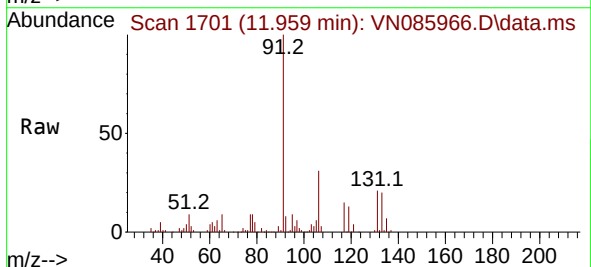
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBSD01

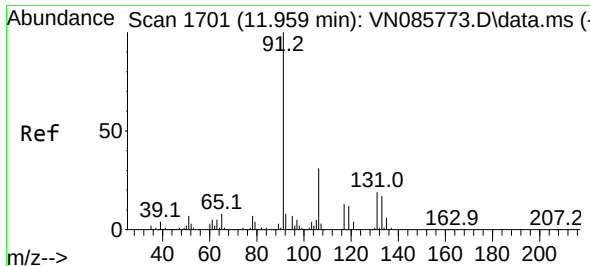
Tgt Ion:112 Resp: 93577
Ion Ratio Lower Upper
112 100
114 33.7 24.3 36.5



#66
1,1,1,2-Tetrachloroethane
Concen: 18.728 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

Tgt Ion:131 Resp: 34754
Ion Ratio Lower Upper
131 100
133 96.6 47.7 143.1
119 67.4 33.3 99.8





#67

Ethyl Benzene

Concen: 19.110 ug/l

RT: 11.959 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN085966.D

Acq: 12 Mar 2025 17:42

Instrument :

MSVOA_N

ClientSampleId :

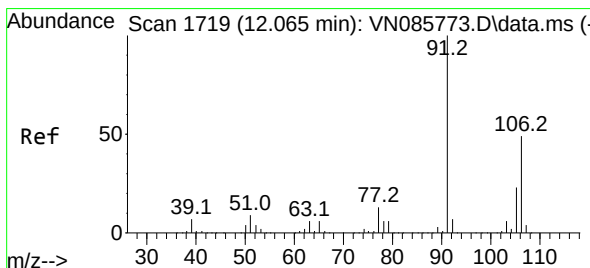
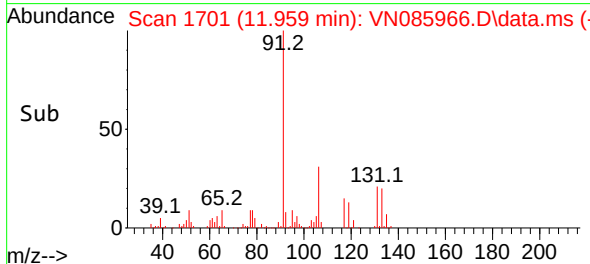
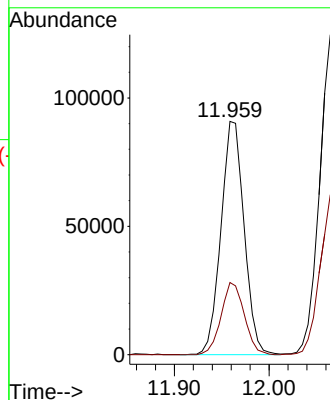
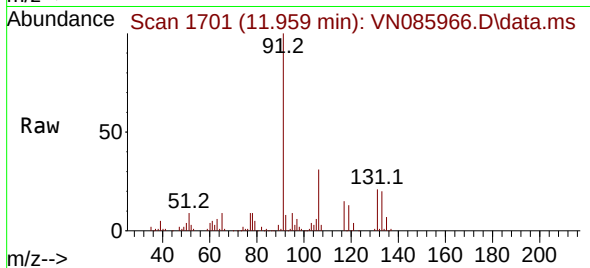
VN0312MBSD01

Tgt Ion: 91 Resp: 154555

Ion Ratio Lower Upper

91 100

106 31.0 24.7 37.1



#68

m/p-Xylenes

Concen: 40.611 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. 0.005 min

Lab File: VN085966.D

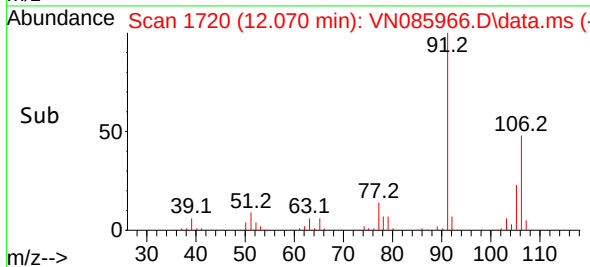
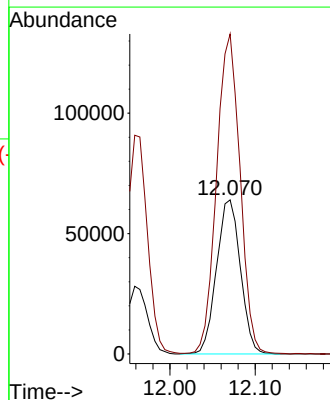
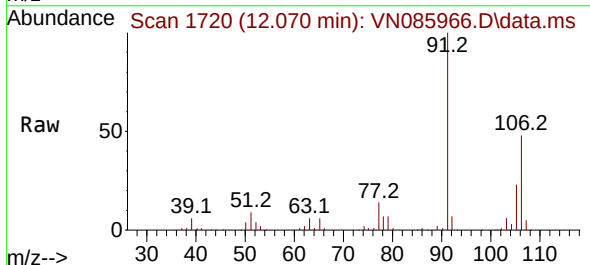
Acq: 12 Mar 2025 17:42

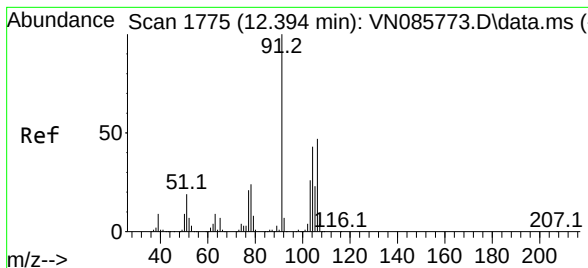
Tgt Ion:106 Resp: 124761

Ion Ratio Lower Upper

106 100

91 204.5 163.3 244.9





#69

o-Xylene

Concen: 19.549 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN085966.D

Acq: 12 Mar 2025 17:42

Instrument :

MSVOA_N

ClientSampleId :

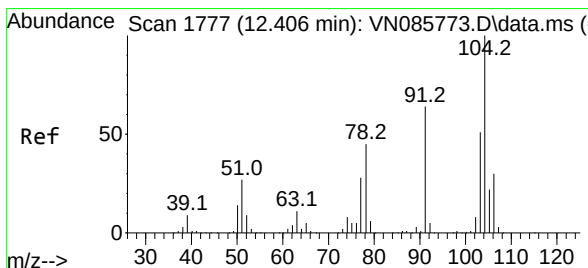
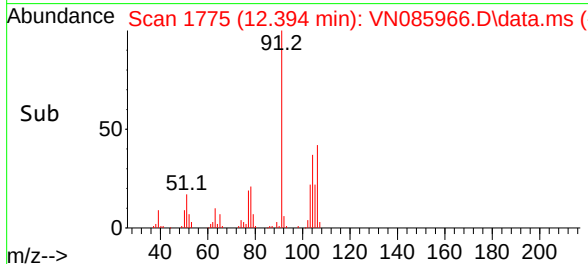
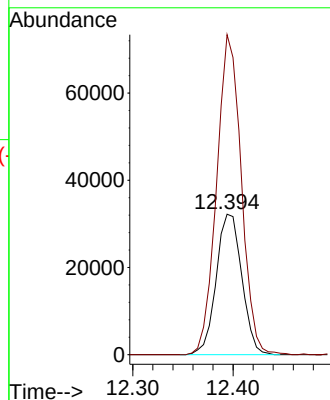
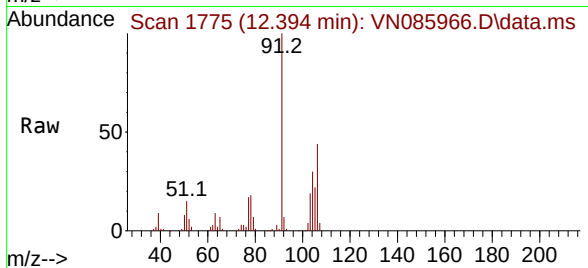
VN0312MBSD01

Tgt Ion:106 Resp: 57068

Ion Ratio Lower Upper

106 100

91 219.3 107.1 321.4



#70

Styrene

Concen: 19.502 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VN085966.D

Acq: 12 Mar 2025 17:42

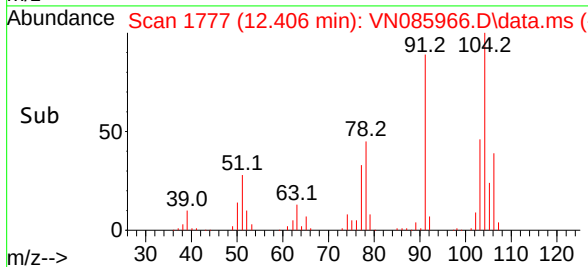
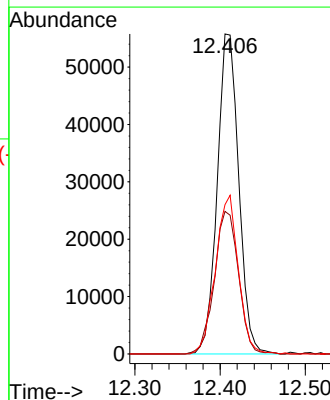
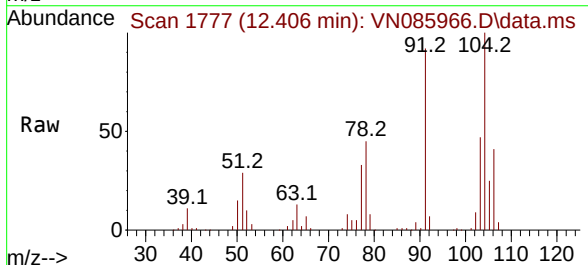
Tgt Ion:104 Resp: 97971

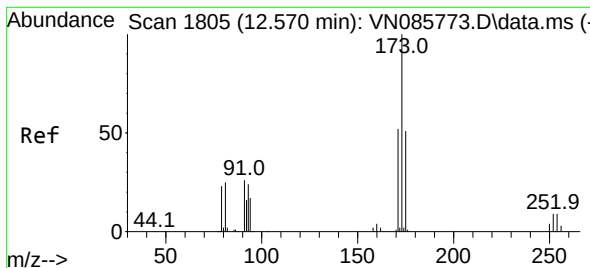
Ion Ratio Lower Upper

104 100

78 50.0 39.0 58.6

103 52.8 43.3 64.9





#71

Bromoform

Concen: 20.633 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.006 min

Lab File: VN085966.D

Acq: 12 Mar 2025 17:42

Instrument :

MSVOA_N

ClientSampleId :

VN0312MBSD01

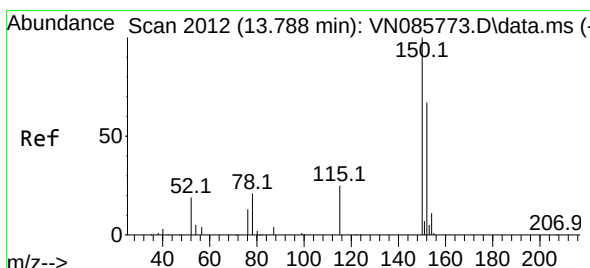
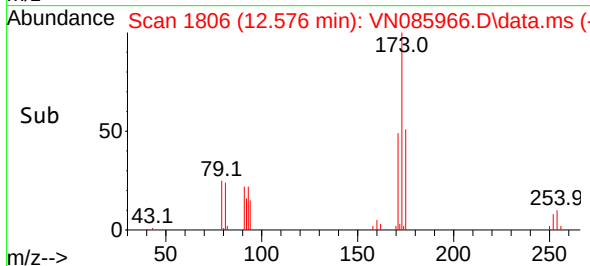
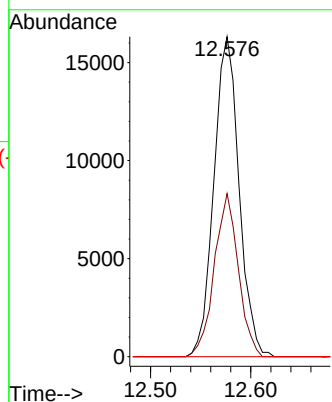
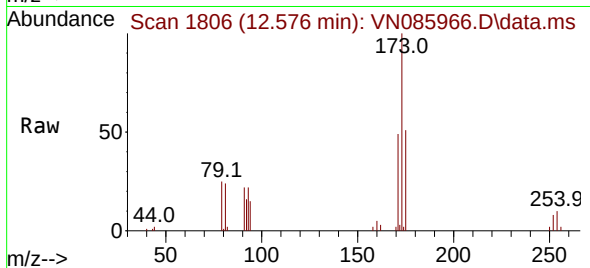
Tgt Ion:173 Resp: 28452

Ion Ratio Lower Upper

173 100

175 48.7 25.1 75.4

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: VN085966.D

Acq: 12 Mar 2025 17:42

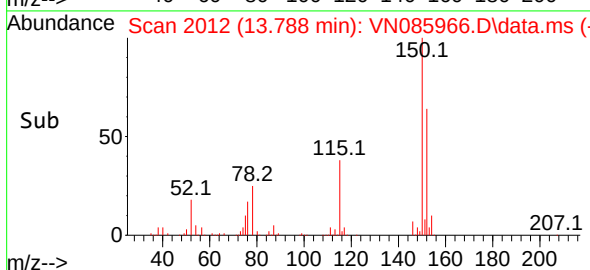
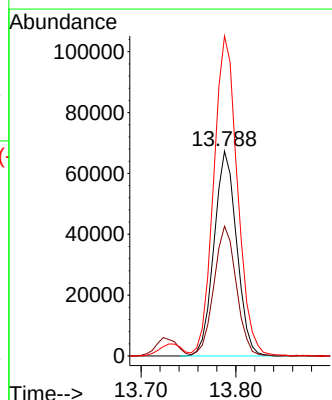
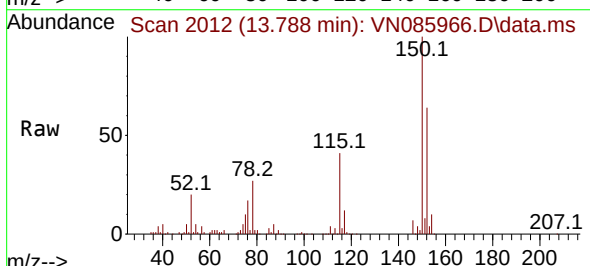
Tgt Ion:152 Resp: 111685

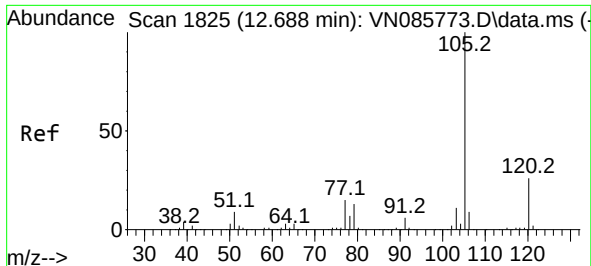
Ion Ratio Lower Upper

152 100

115 62.9 30.4 91.3

150 164.2 0.0 345.4

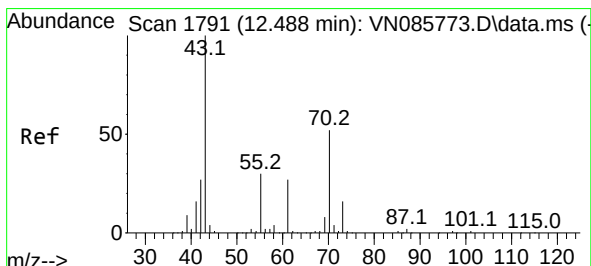
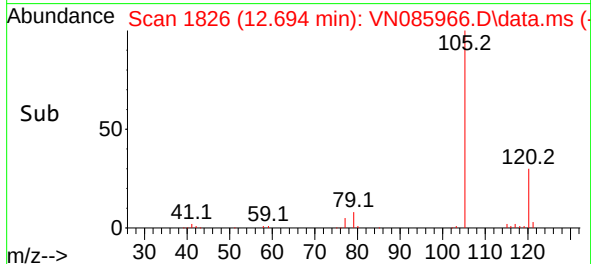
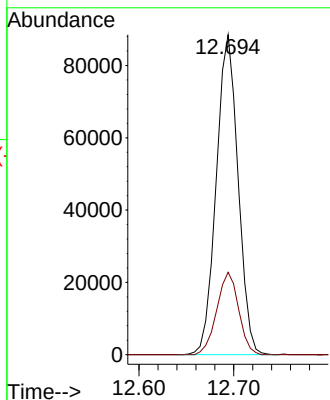
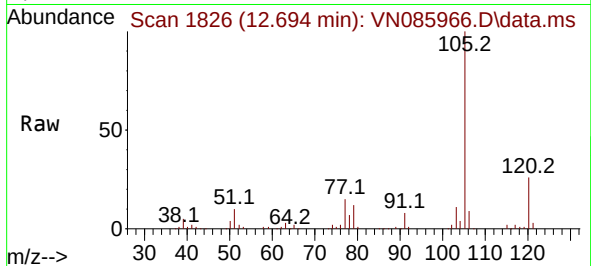




#73
Isopropylbenzene
Concen: 18.503 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

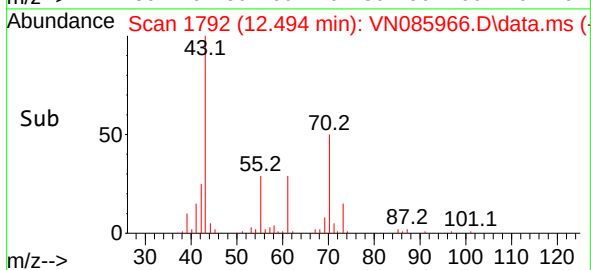
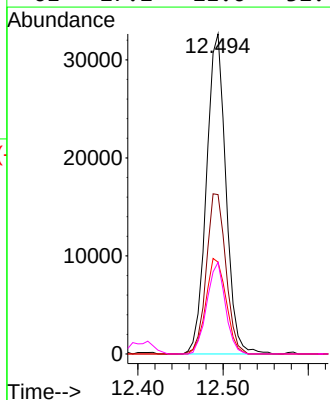
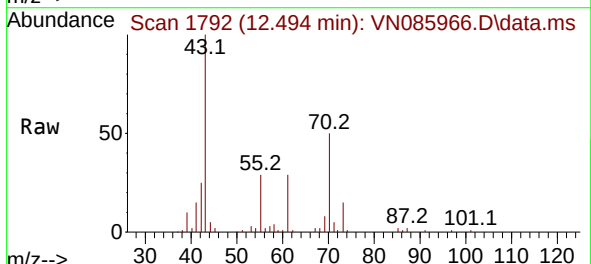
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBS01

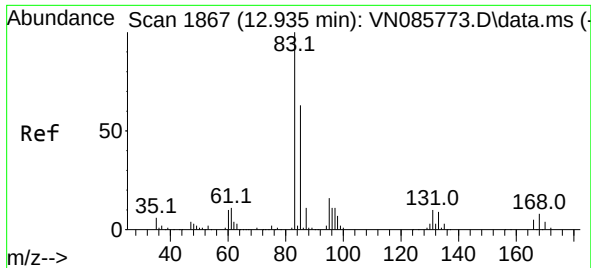
Tgt Ion:105 Resp: 141577
Ion Ratio Lower Upper
105 100
120 25.7 13.0 39.0



#74
N-ethyl acetate
Concen: 19.162 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

Tgt Ion: 43 Resp: 51704
Ion Ratio Lower Upper
43 100
70 50.2 41.0 61.4
55 31.0 24.6 36.8
61 27.2 21.6 32.4

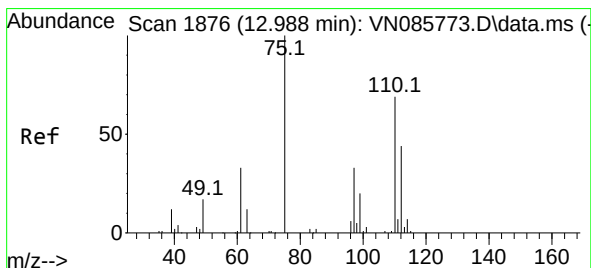
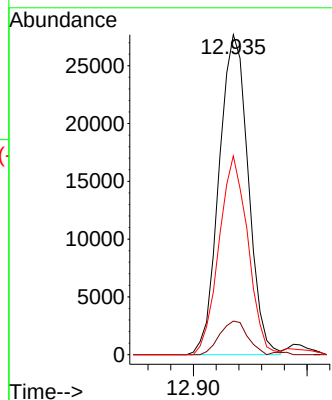
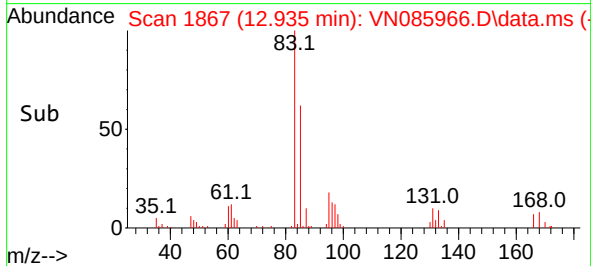
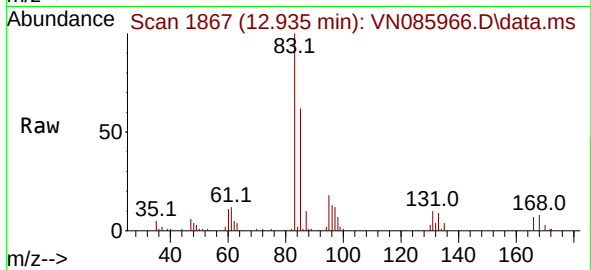




#75
1,1,2,2-Tetrachloroethane
Concen: 18.764 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

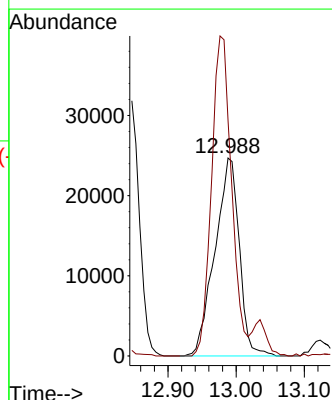
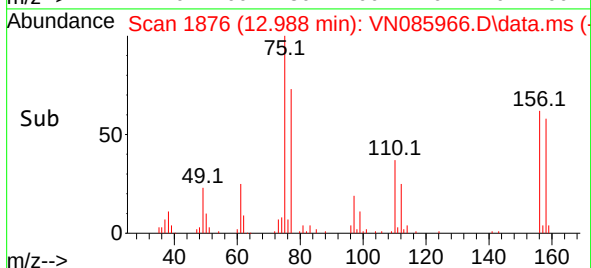
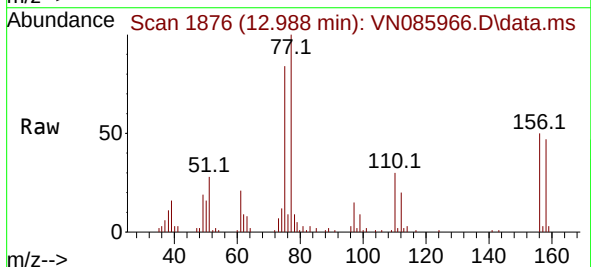
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBSD01

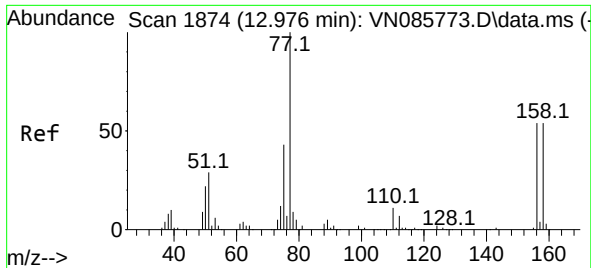
Tgt Ion: 83 Resp: 49405
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 61.4 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 24.749 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

Tgt Ion: 75 Resp: 61401
Ion Ratio Lower Upper
75 100
77 133.4 100.0 300.0

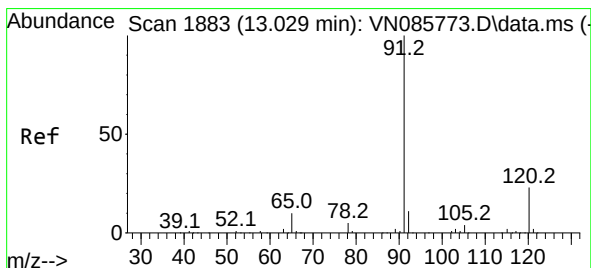
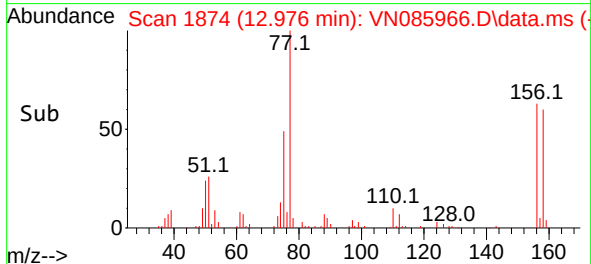
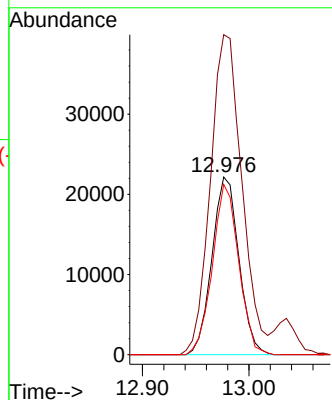
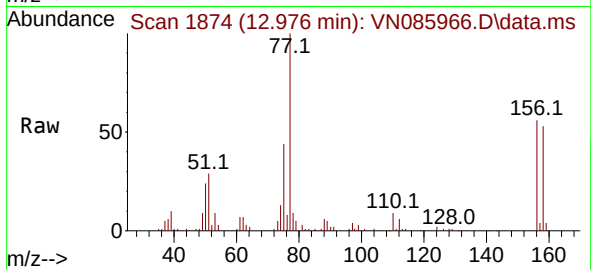




#77
Bromobenzene
Concen: 18.808 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

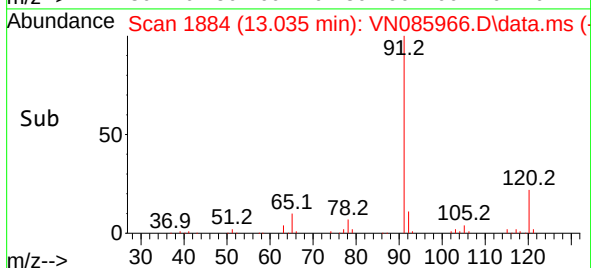
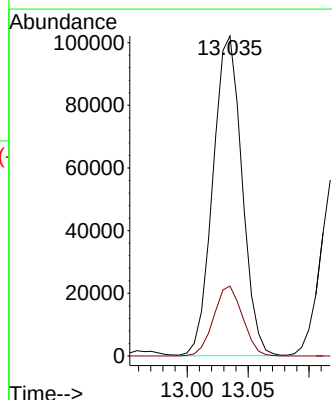
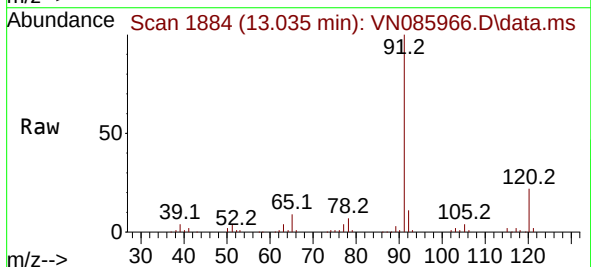
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBSD01

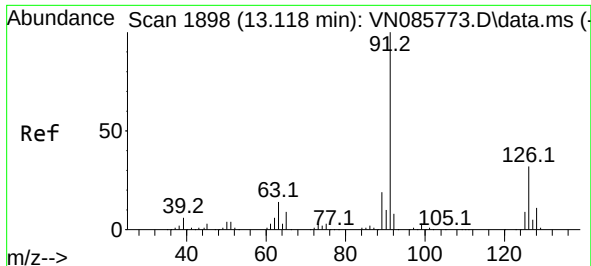
Tgt Ion:156 Resp: 38879
Ion Ratio Lower Upper
156 100
77 210.7 104.1 312.3
158 93.5 48.1 144.4



#78
n-propylbenzene
Concen: 19.375 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

Tgt Ion: 91 Resp: 169779
Ion Ratio Lower Upper
91 100
120 21.7 11.3 33.8

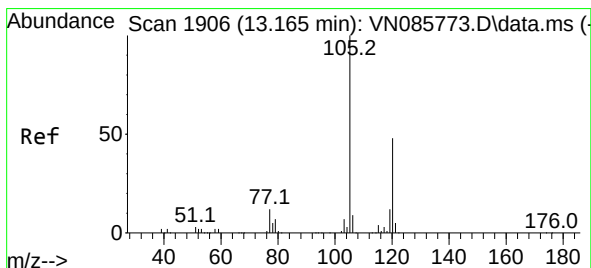
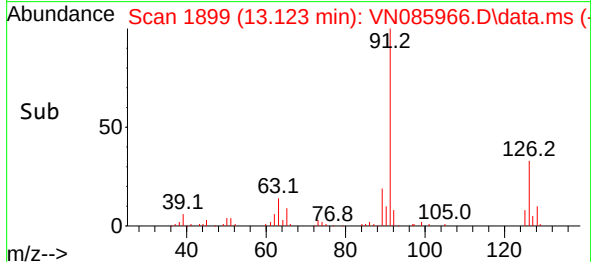
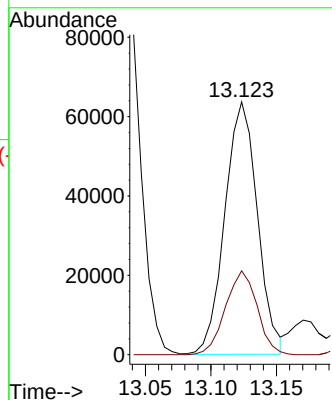
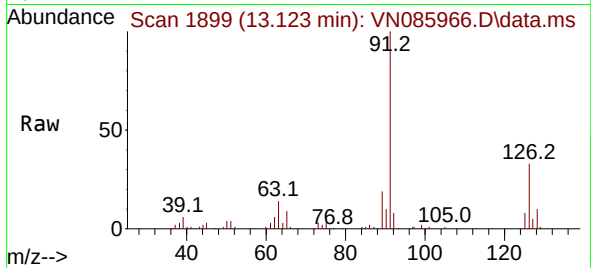




#79
2-Chlorotoluene
Concen: 18.788 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

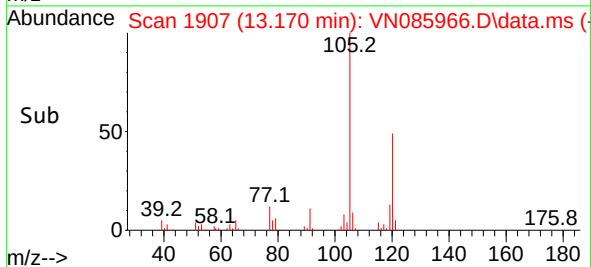
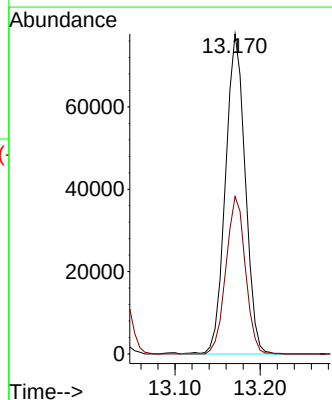
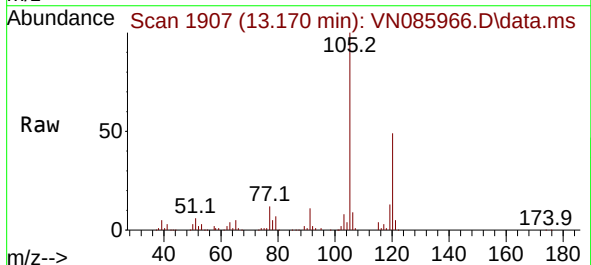
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MSVOA_N
ClientSampleId :
VN0312MBSD01

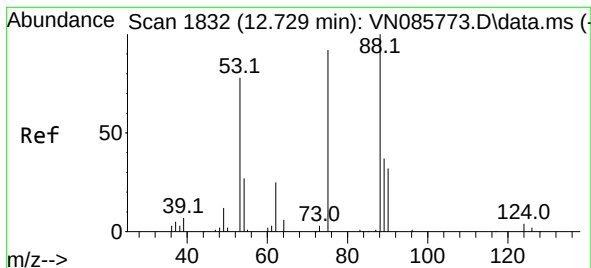
Tgt Ion: 91 Resp: 110002
Ion Ratio Lower Upper
91 100
126 32.2 16.4 49.1



#80
1,3,5-Trimethylbenzene
Concen: 20.023 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

Tgt Ion:105 Resp: 124801
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.9

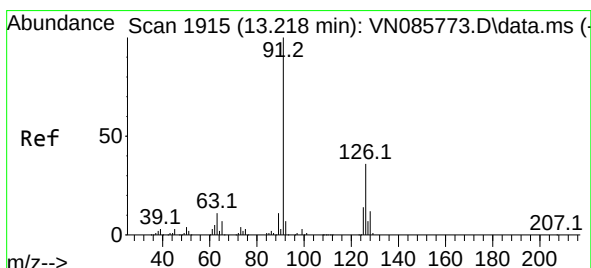
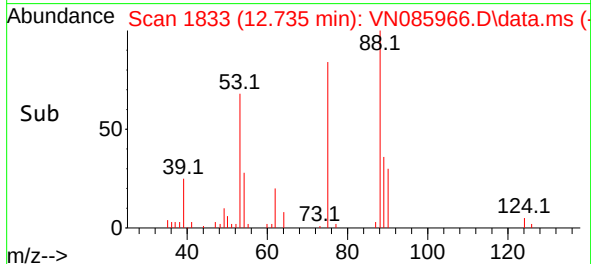
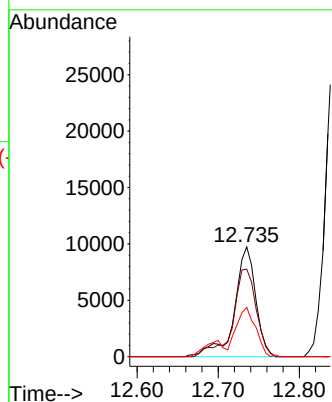
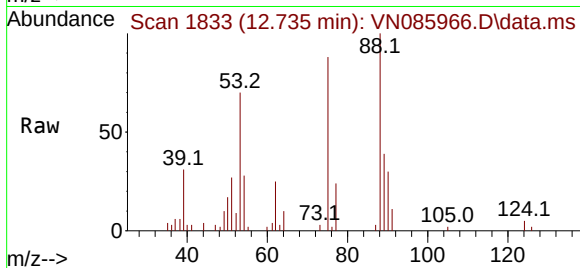




#81
trans-1,4-Dichloro-2-butene
Concen: 20.811 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

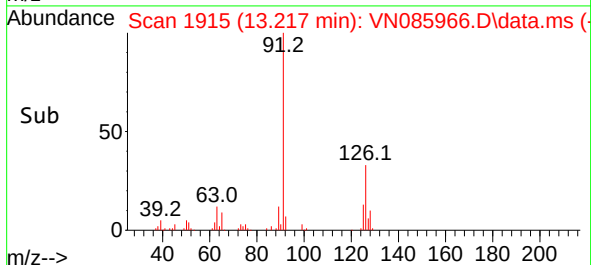
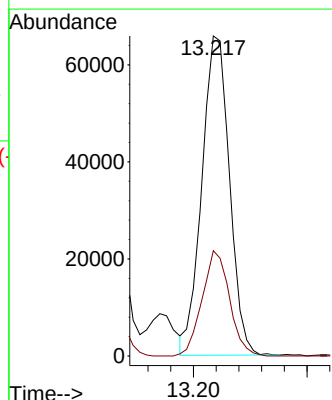
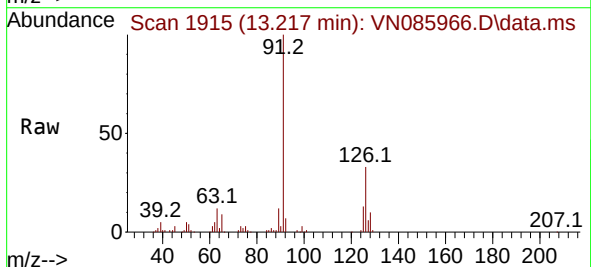
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBSD01

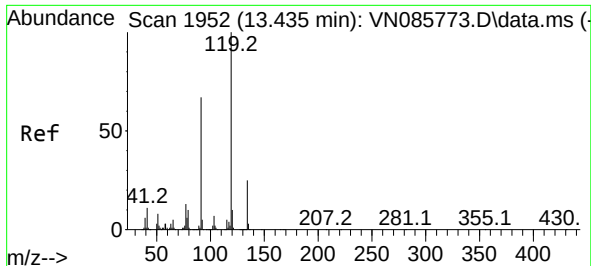
Tgt Ion	Ratio	Lower	Upper
75	100		
53	87.5	74.2	111.4
89	40.9	34.9	52.3



#82
4-Chlorotoluene
Concen: 19.149 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.4	49.4

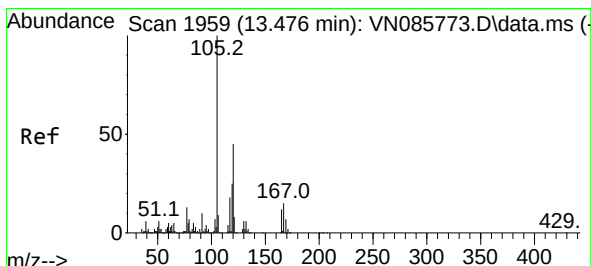
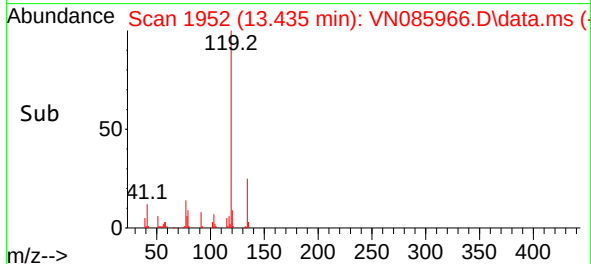
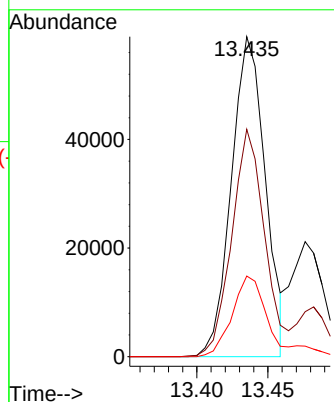
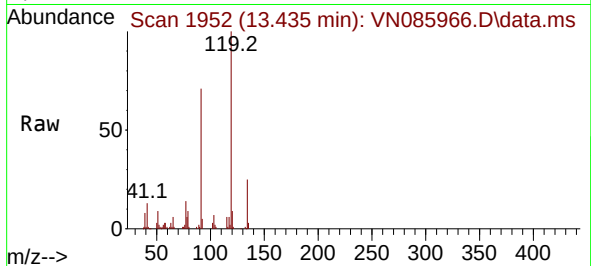




#83
 tert-Butylbenzene
 Concen: 18.680 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN085966.D
 Acq: 12 Mar 2025 17:42

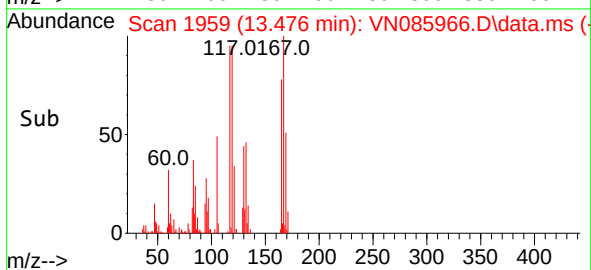
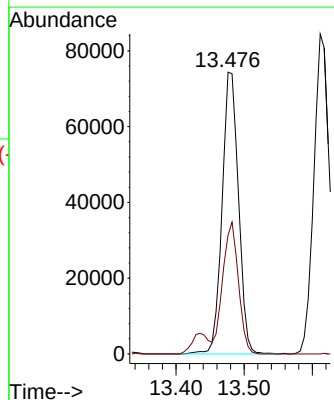
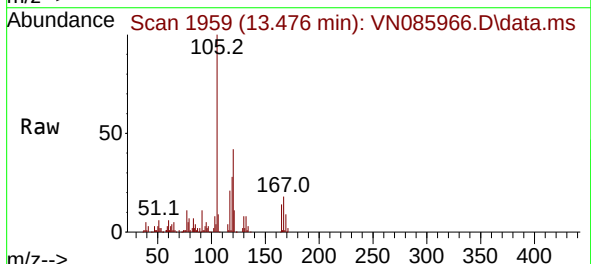
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312MBSD01

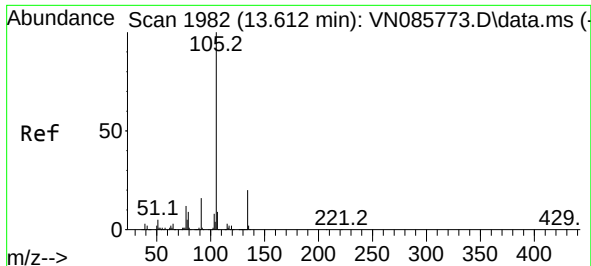
Tgt Ion:119 Resp: 97908
 Ion Ratio Lower Upper
 119 100
 91 69.5 32.5 97.5
 134 24.9 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.193 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. -0.000 min
 Lab File: VN085966.D
 Acq: 12 Mar 2025 17:42

Tgt Ion:105 Resp: 124521
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.3

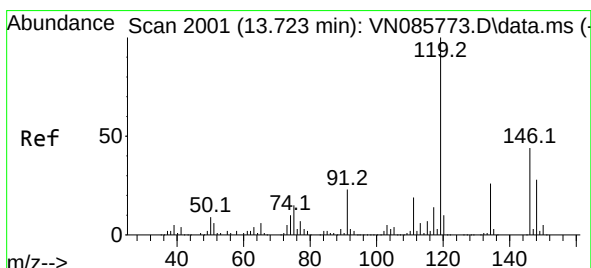
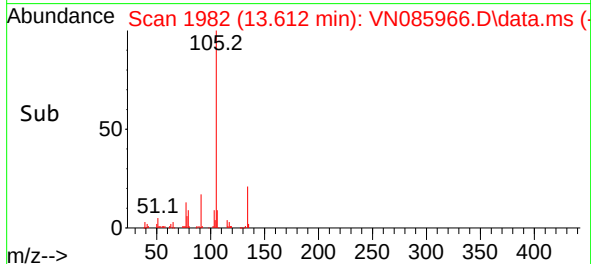
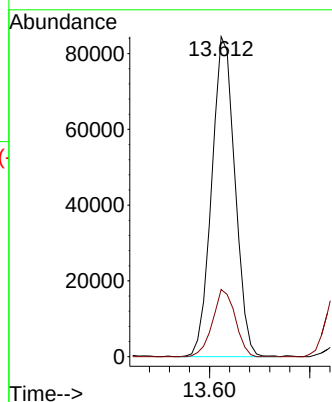
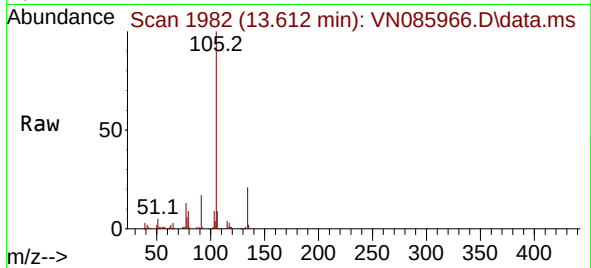




#85
 sec-Butylbenzene
 Concen: 18.329 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085966.D
 Acq: 12 Mar 2025 17:42

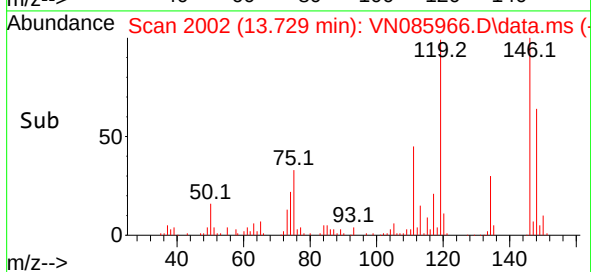
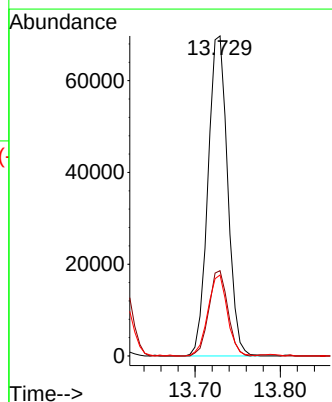
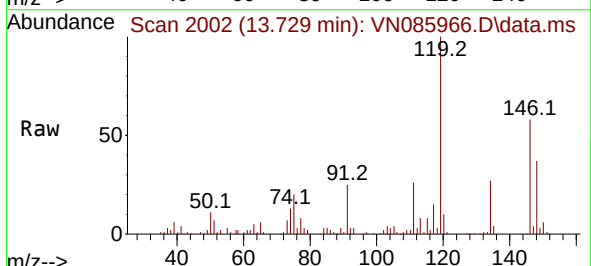
Instrument :
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 ClientSampleId :
 VN0312MBSD01

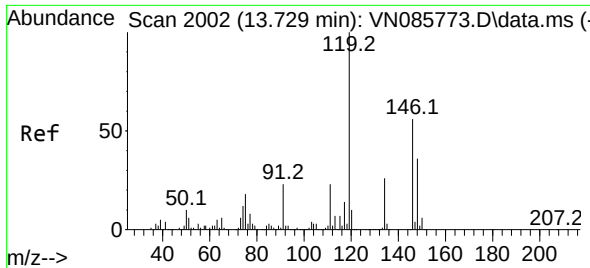
Tgt Ion:105 Resp: 135735
 Ion Ratio Lower Upper
 105 100
 134 20.5 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 17.770 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085966.D
 Acq: 12 Mar 2025 17:42

Tgt Ion:119 Resp: 111785
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 39.0
 91 25.2 11.7 35.1

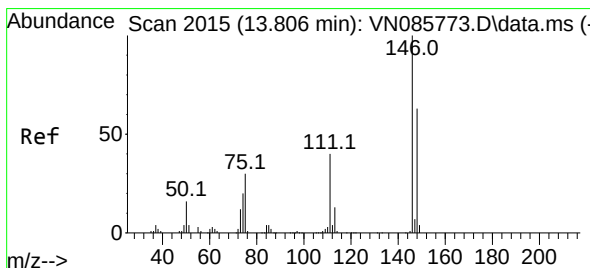
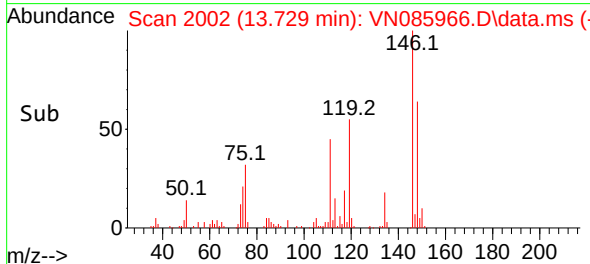
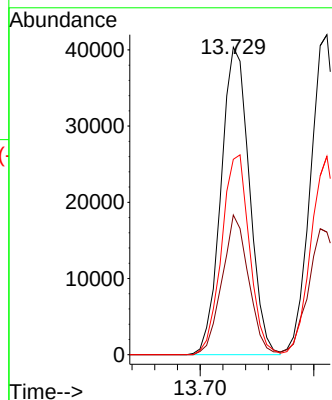
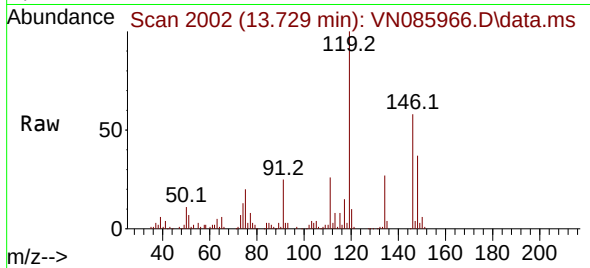




#87
 1,3-Dichlorobenzene
 Concen: 18.080 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN085966.D
 Acq: 12 Mar 2025 17:42

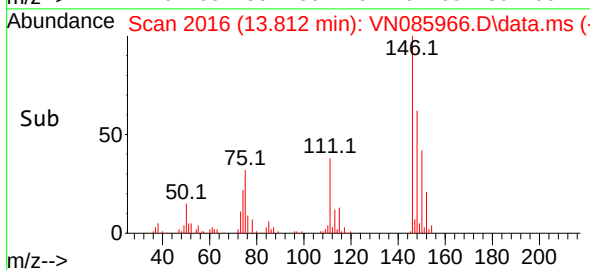
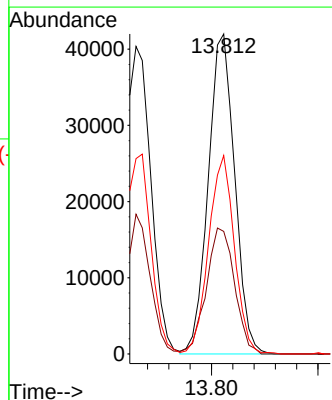
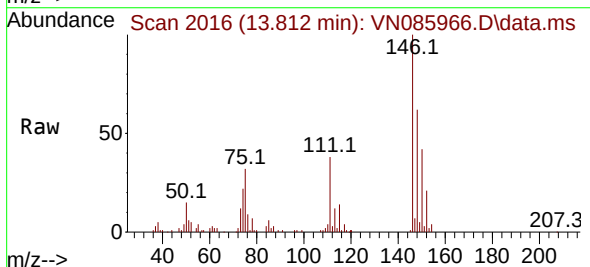
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312MBSD01

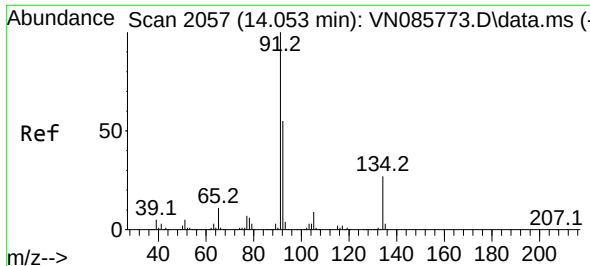
Tgt Ion:146 Resp: 70024
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.1 63.3
 148 63.7 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 18.279 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.006 min
 Lab File: VN085966.D
 Acq: 12 Mar 2025 17:42

Tgt Ion:146 Resp: 72559
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.4 61.3
 148 60.4 31.8 95.4

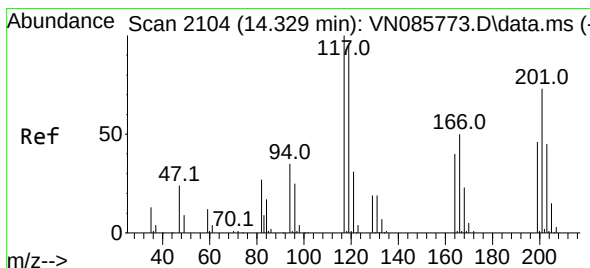
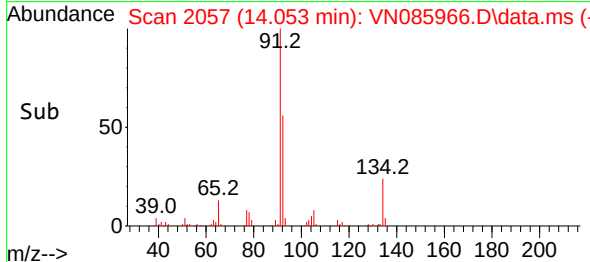
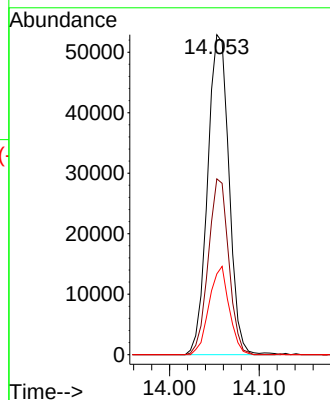
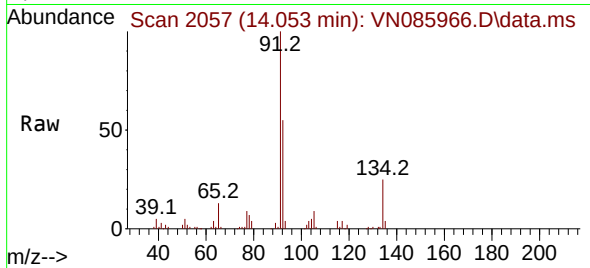




#89
n-Butylbenzene
Concen: 16.655 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

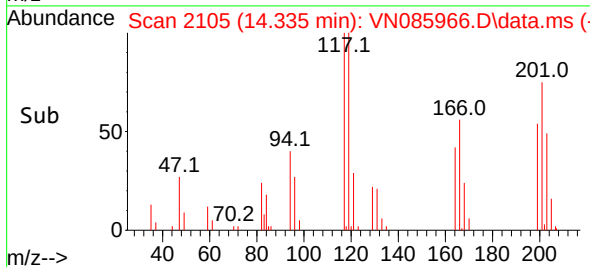
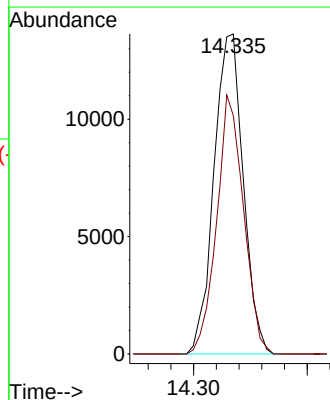
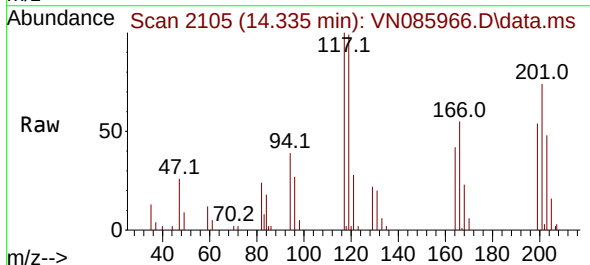
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBSD01

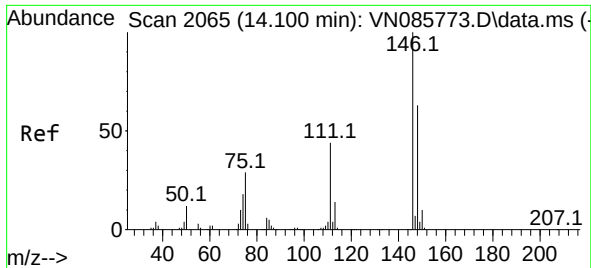
Tgt Ion: 91	Resp: 87567
Ion Ratio	Lower Upper
91 100	
92 52.4	27.1 81.3
134 25.9	12.7 38.1



#90
Hexachloroethane
Concen: 17.402 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

Tgt Ion:117	Resp:	24406	
Ion	Ratio	Lower	Upper
117	100		
201	74.3	35.6	106.9

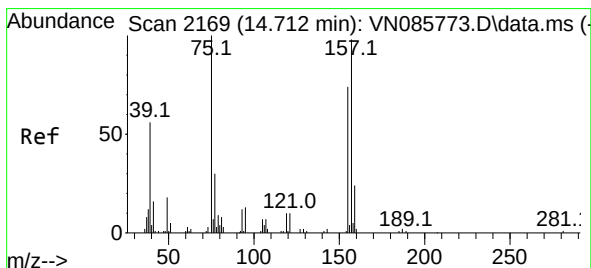
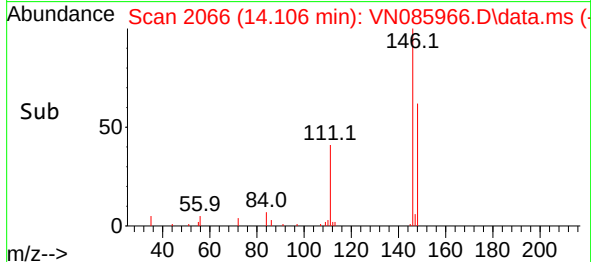
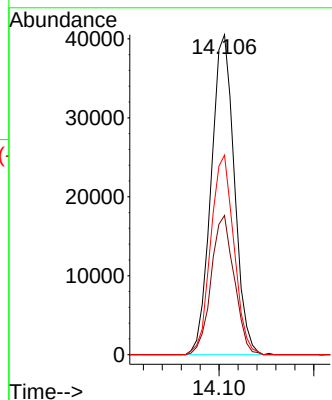
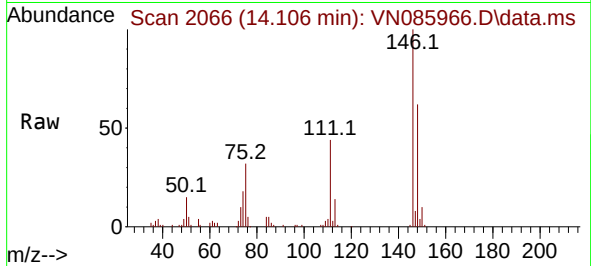




#91
1,2-Dichlorobenzene
Concen: 18.546 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

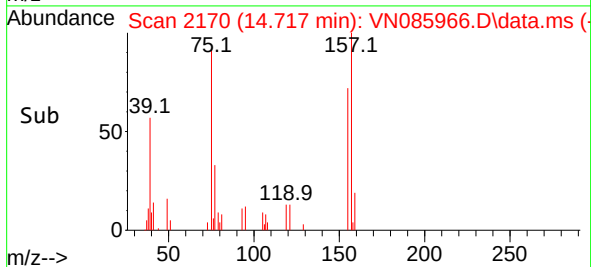
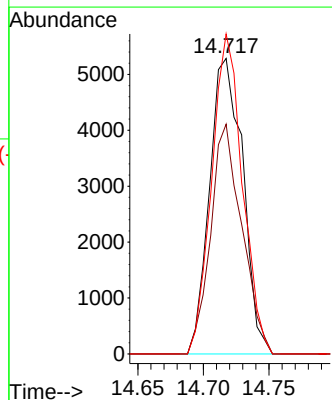
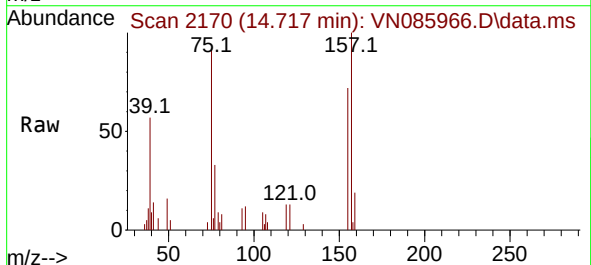
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBSD01

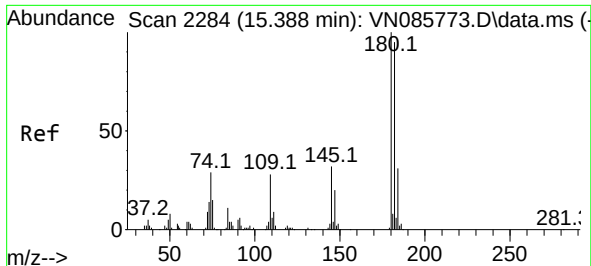
Tgt Ion:146 Resp: 69072
Ion Ratio Lower Upper
146 100
111 43.2 21.4 64.3
148 62.4 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.227 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

Tgt Ion: 75 Resp: 9296
Ion Ratio Lower Upper
75 100
155 73.4 39.9 119.6
157 100.3 49.9 149.7

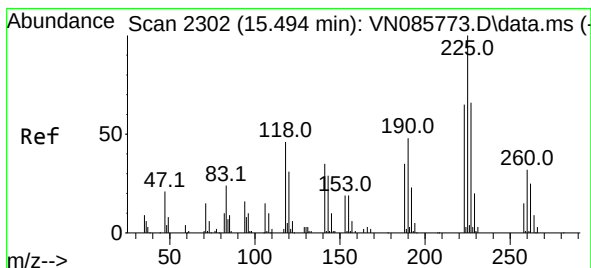
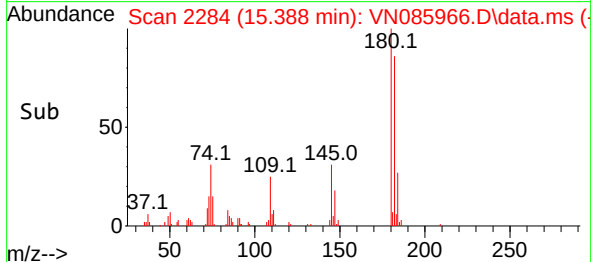
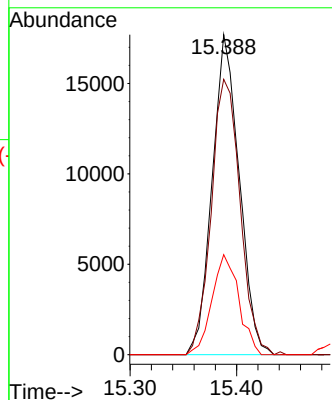
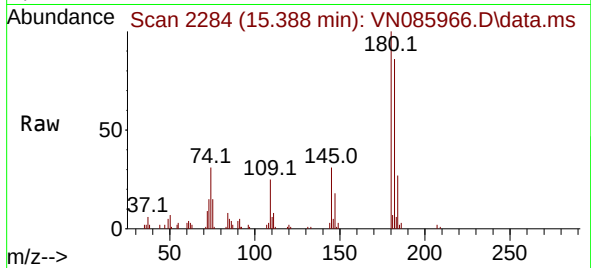




#93
1,2,4-Trichlorobenzene
Concen: 17.573 ug/l
RT: 15.388 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

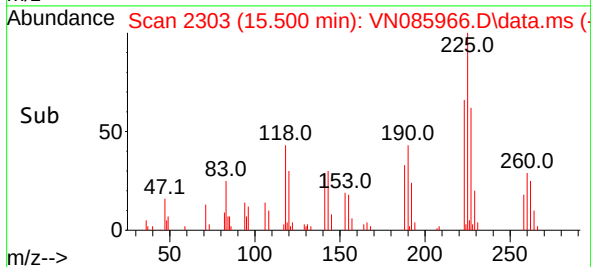
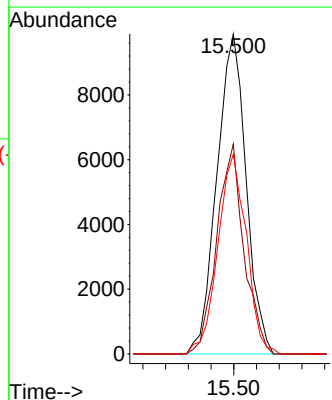
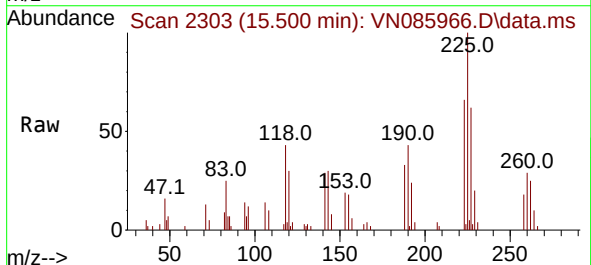
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBSD01

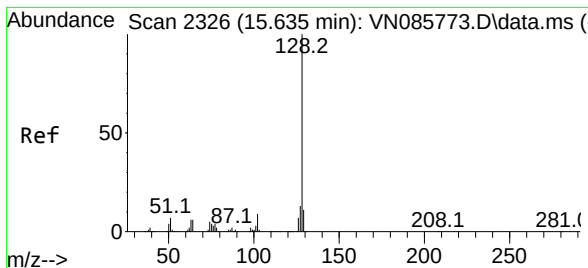
Tgt Ion:180 Resp: 31186
Ion Ratio Lower Upper
180 100
182 91.8 47.3 141.9
145 31.0 16.2 48.5



#94
Hexachlorobutadiene
Concen: 16.368 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN085966.D
Acq: 12 Mar 2025 17:42

Tgt Ion:225 Resp: 17653
Ion Ratio Lower Upper
225 100
223 61.1 31.9 95.5
227 60.9 32.2 96.6





#95

Naphthalene

Concen: 17.324 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN085966.D

Acq: 12 Mar 2025 17:42

Instrument :

MSVOA_N

ClientSampleId :

VN0312MBSD01

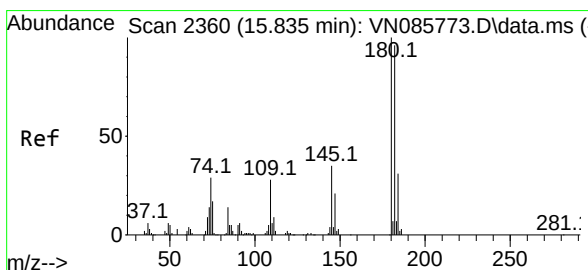
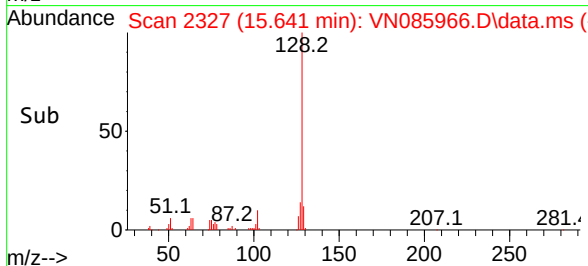
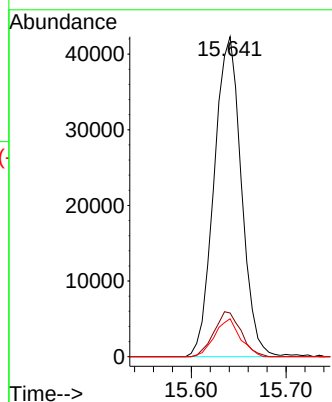
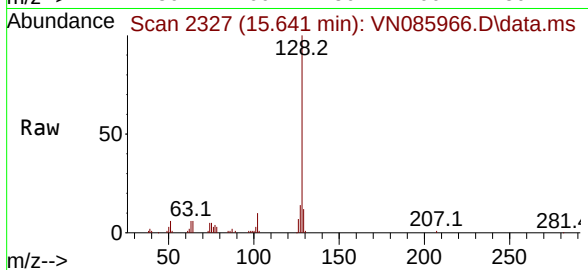
Tgt Ion:128 Resp: 84407

Ion Ratio Lower Upper

128 100

127 14.0 10.2 15.2

129 11.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 17.588 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN085966.D

Acq: 12 Mar 2025 17:42

Tgt Ion:180 Resp: 31336

Ion Ratio Lower Upper

180 100

182 94.3 47.3 141.8

145 34.6 16.9 50.6

