

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031225\
 Data File : VN085958.D
 Acq On : 12 Mar 2025 14:17
 Operator : JC\MD
 Sample : VN0312WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312WBSD01

Quant Time: Mar 13 01:35:24 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	8.218	168	153645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	255781	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	222121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	111510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	99158	49.779	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.560%
35) Dibromofluoromethane	8.165	113	78082	46.652	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.300%
50) Toluene-d8	10.565	98	276303	45.374	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.740%
62) 4-Bromofluorobenzene	12.847	95	98454	49.071	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	42202	20.193	ug/l	100
3) Chloromethane	2.360	50	38226	18.228	ug/l	98
4) Vinyl Chloride	2.507	62	38924	17.530	ug/l	100
5) Bromomethane	2.954	94	23930	16.855	ug/l	88
6) Chloroethane	3.112	64	23136	15.731	ug/l	90
7) Trichlorofluoromethane	3.495	101	63074	19.620	ug/l	100
8) Diethyl Ether	3.959	74	19675	18.915	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.365	101	37004	19.913	ug/l	99
10) Methyl Iodide	4.583	142	45022	19.655	ug/l	98
11) Tert butyl alcohol	5.530	59	31046	126.720	ug/l #	85
12) 1,1-Dichloroethene	4.336	96	32757	19.441	ug/l	96
13) Acrolein	4.171	56	32782	90.231	ug/l	97
14) Allyl chloride	5.018	41	41069	18.565	ug/l	97
15) Acrylonitrile	5.718	53	90743	113.932	ug/l	98
16) Acetone	4.424	43	67854	107.655	ug/l	92
17) Carbon Disulfide	4.712	76	99334	19.892	ug/l	100
18) Methyl Acetate	5.030	43	40017	18.459	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	104415	20.854	ug/l	98
20) Methylene Chloride	5.277	84	39912	19.691	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	33254	18.329	ug/l	94
22) Diisopropyl ether	6.671	45	100151	20.036	ug/l	98
23) Vinyl Acetate	6.600	43	358921	104.868	ug/l	98
24) 1,1-Dichloroethane	6.565	63	65236	19.198	ug/l	98
25) 2-Butanone	7.483	43	104201	112.374	ug/l	100
26) 2,2-Dichloropropane	7.494	77	58437	19.340	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	39596	18.823	ug/l	98
28) Bromochloromethane	7.806	49	34946	25.022	ug/l #	9
29) Tetrahydrofuran	7.841	42	72235	120.636	ug/l	100
30) Chloroform	7.965	83	68105	19.179	ug/l	99
31) Cyclohexane	8.253	56	54077	19.007	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	63710	20.171	ug/l	99
36) 1,1-Dichloropropene	8.371	75	46401	19.589	ug/l	98
37) Ethyl Acetate	7.559	43	43390	22.259	ug/l	98
38) Carbon Tetrachloride	8.359	117	58553	20.804	ug/l	92
39) Methylcyclohexane	9.594	83	41981	18.040	ug/l	95
40) Benzene	8.606	78	149573	19.701	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	22185	21.289	ug/l	96
42) 1,2-Dichloroethane	8.671	62	50585	20.456	ug/l	100
43) Isopropyl Acetate	8.688	43	78129	22.538	ug/l	97
44) Trichloroethene	9.353	130	35122	18.842	ug/l	89
45) 1,2-Dichloropropane	9.618	63	33997	18.552	ug/l	95
46) Dibromomethane	9.706	93	26863	20.782	ug/l	99
47) Bromodichloromethane	9.888	83	54072	19.552	ug/l	98
48) Methyl methacrylate	9.683	41	30367	20.976	ug/l	96
49) 1,4-Dioxane	9.700	88	15225	553.038	ug/l #	88
51) 4-Methyl-2-Pentanone	10.441	43	216839	115.375	ug/l	99
52) Toluene	10.630	92	90640	20.367	ug/l	97
53) t-1,3-Dichloropropene	10.830	75	52033	20.347	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	55690	19.860	ug/l	94
55) 1,1,2-Trichloroethane	11.012	97	35884	20.280	ug/l	99
56) Ethyl methacrylate	10.871	69	48963	20.883	ug/l	97
57) 1,3-Dichloropropane	11.159	76	59385	20.105	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	83221	98.551	ug/l	98
59) 2-Hexanone	11.194	43	158912	122.907	ug/l	100
60) Dibromochloromethane	11.353	129	42932	20.837	ug/l	98
61) 1,2-Dibromoethane	11.471	107	34141	20.421	ug/l	98
64) Tetrachloroethene	11.100	164	34160	19.851	ug/l	95
65) Chlorobenzene	11.888	112	95801	18.827	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	36997	20.228	ug/l	98
67) Ethyl Benzene	11.965	91	154418	19.373	ug/l	97
68) m/p-Xylenes	12.071	106	123526	40.799	ug/l	99
69) o-Xylene	12.394	106	57874	20.115	ug/l	100
70) Styrene	12.412	104	98972	19.957	ug/l	98
71) Bromoform	12.576	173	29133	21.437	ug/l #	97
73) Isopropylbenzene	12.694	105	142652	18.673	ug/l	99
74) N-amyl acetate	12.494	43	54273	20.146	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	51539	19.605	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	65868	26.592	ug/l	54
77) Bromobenzene	12.976	156	39093	18.941	ug/l	94
78) n-propylbenzene	13.035	91	166303	19.008	ug/l	98
79) 2-Chlorotoluene	13.124	91	109748	18.774	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	122966	19.760	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.729	75	17899	21.084	ug/l	94
82) 4-Chlorotoluene	13.218	91	110539	19.075	ug/l	100
83) tert-Butylbenzene	13.435	119	95870	18.320	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	122421	19.883	ug/l	99
85) sec-Butylbenzene	13.618	105	135795	18.366	ug/l	100
86) p-Isopropyltoluene	13.729	119	109045	17.386	ug/l	97
87) 1,3-Dichlorobenzene	13.729	146	70853	18.323	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	70251	17.725	ug/l	97
89) n-Butylbenzene	14.053	91	87168	16.605	ug/l	97
90) Hexachloroethane	14.329	117	24921	17.797	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	69444	18.675	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	10914	22.609	ug/l	90
93) 1,2,4-Trichlorobenzene	15.388	180	30357	17.133	ug/l	99
94) Hexachlorobutadiene	15.500	225	17755	16.488	ug/l	96
95) Naphthalene	15.635	128	87137	17.913	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	31963	17.969	ug/l	97

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

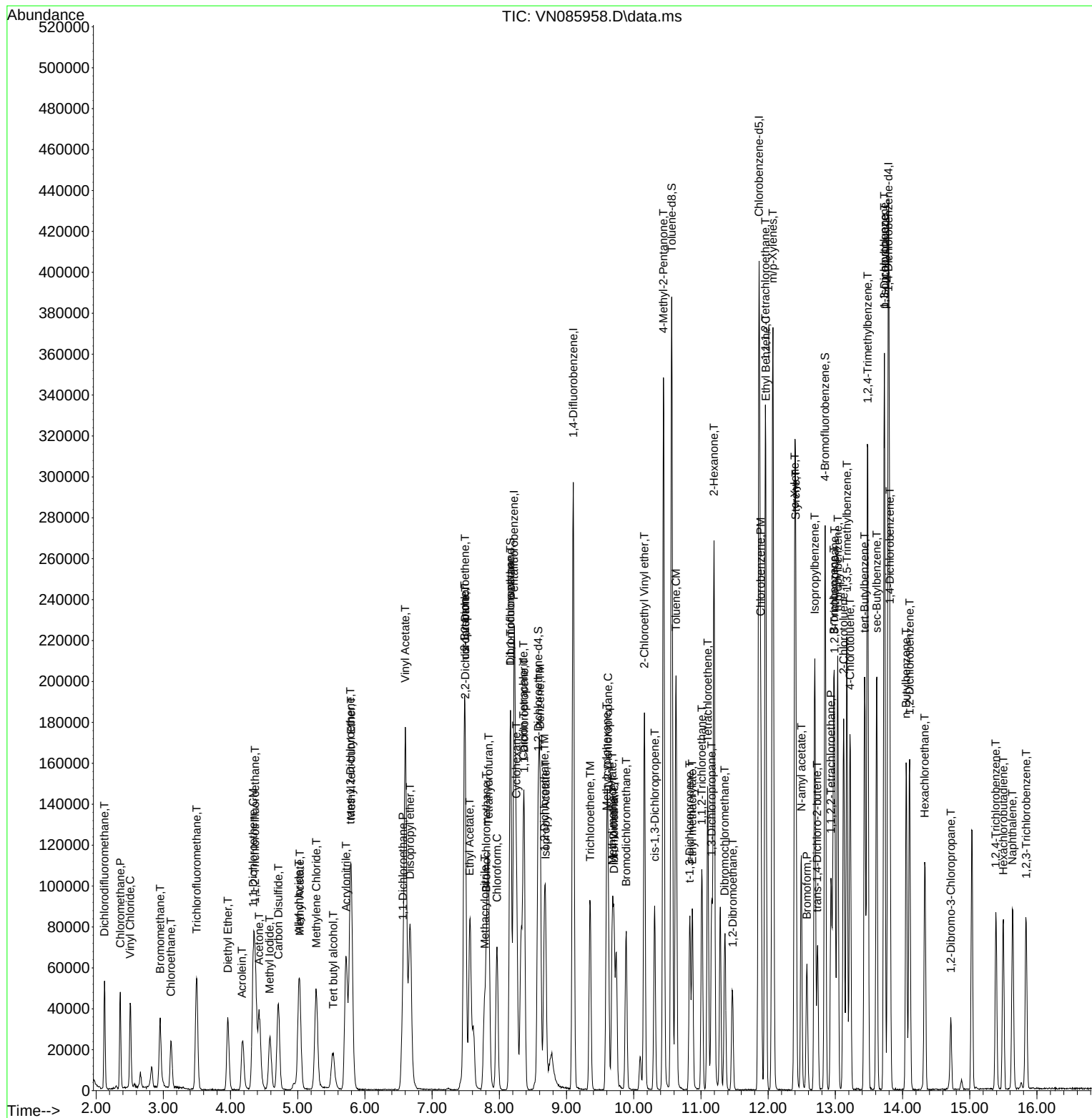
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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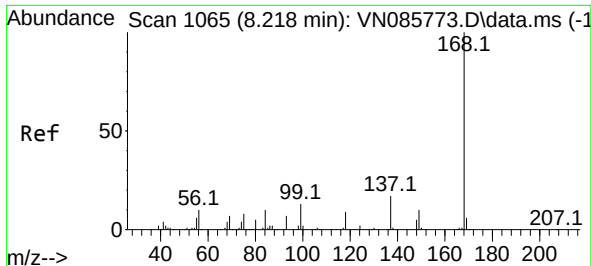
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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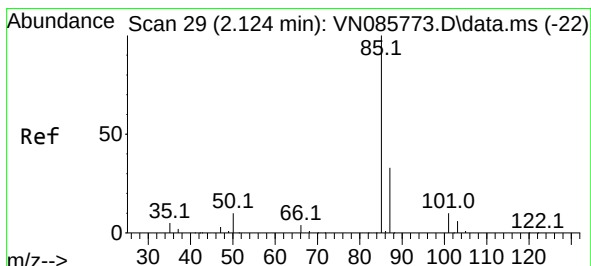
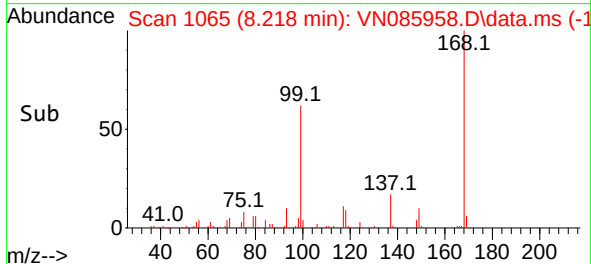
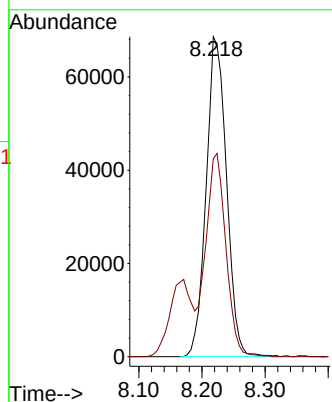
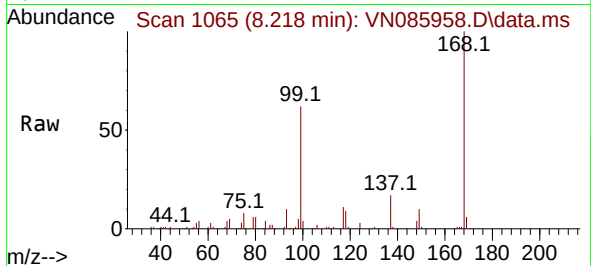




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
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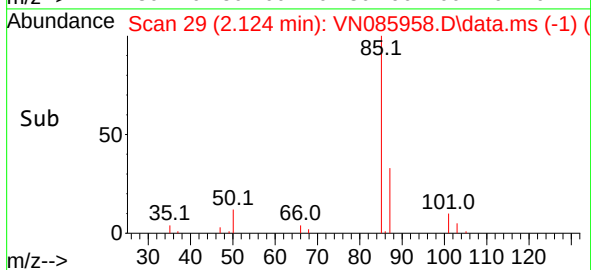
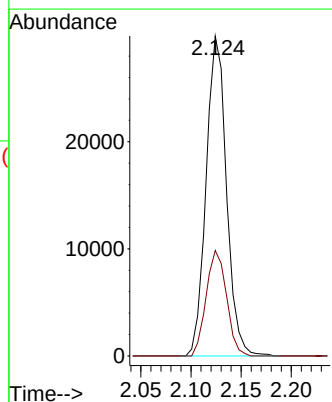
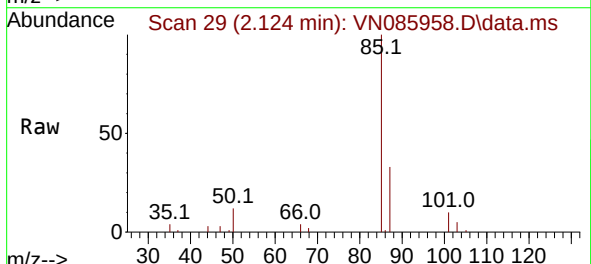
Instrument :
MSVOA_N
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VN0312WBSD01

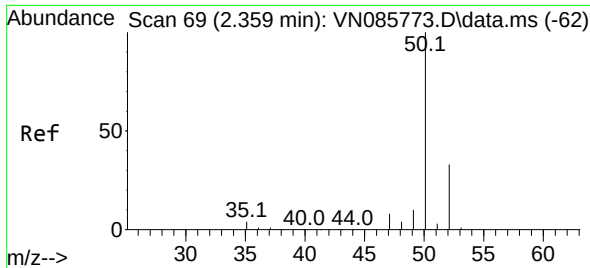
Tgt Ion:168 Resp: 153645
Ion Ratio Lower Upper
168 100
99 61.9 47.9 71.9



#2
Dichlorodifluoromethane
Concen: 20.193 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

Tgt Ion: 85 Resp: 42202
Ion Ratio Lower Upper
85 100
87 33.0 16.4 49.2

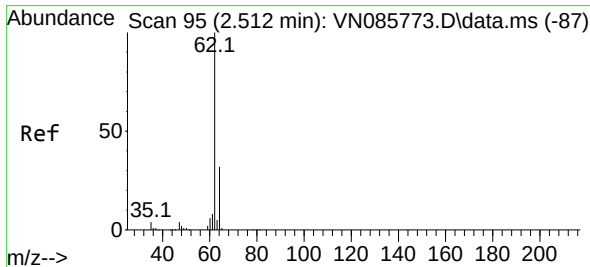
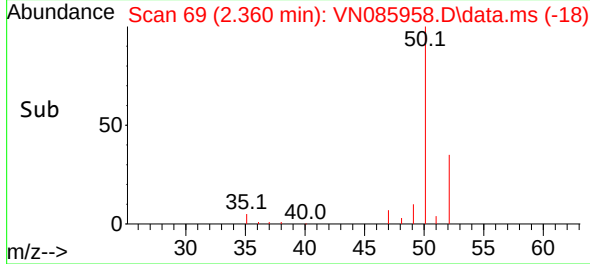
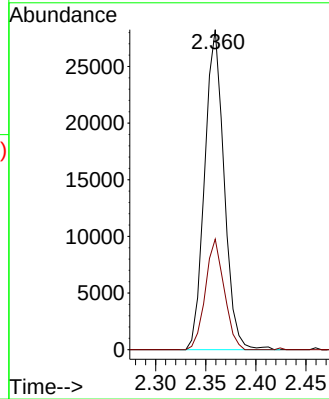
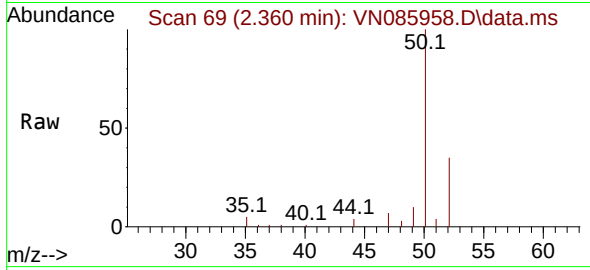




#3
Chloromethane
Concen: 18.228 ug/l
RT: 2.360 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN085958.D
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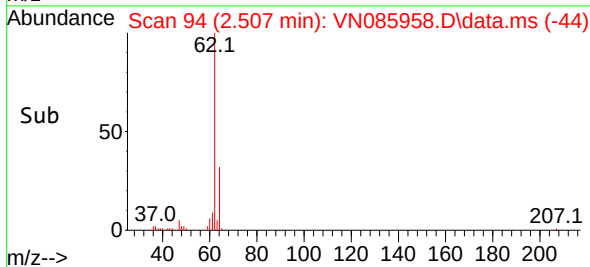
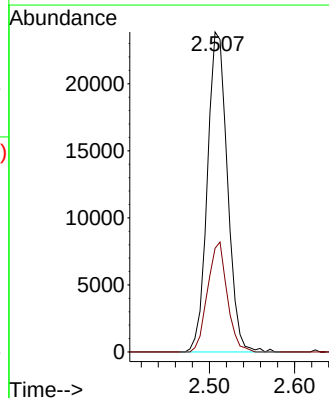
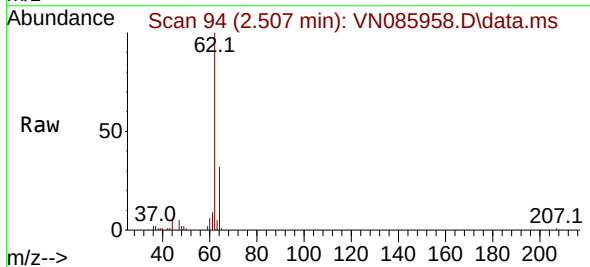
Instrument :
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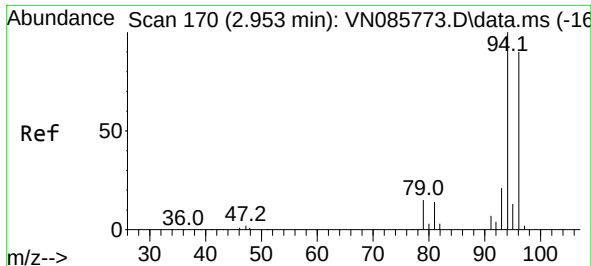
Tgt Ion: 50 Resp: 38226
Ion Ratio Lower Upper
50 100
52 34.5 26.7 40.1



#4
Vinyl Chloride
Concen: 17.530 ug/l
RT: 2.507 min Scan# 94
Delta R.T. -0.006 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

Tgt Ion: 62 Resp: 38924
Ion Ratio Lower Upper
62 100
64 32.4 25.9 38.9

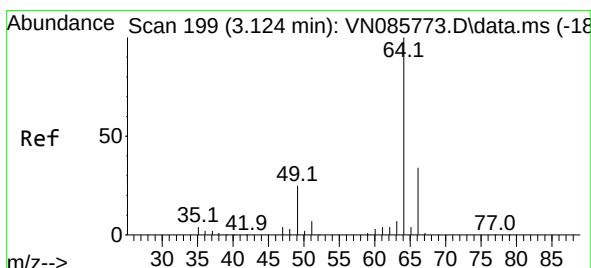
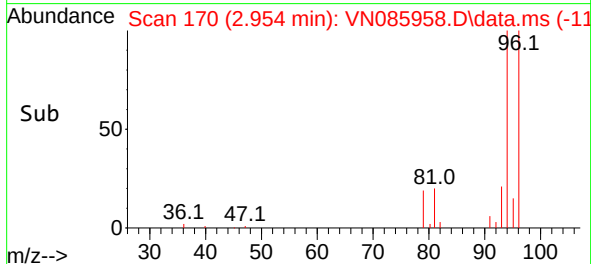
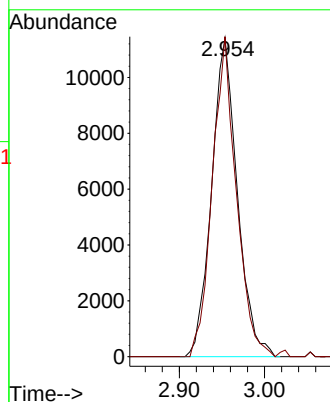
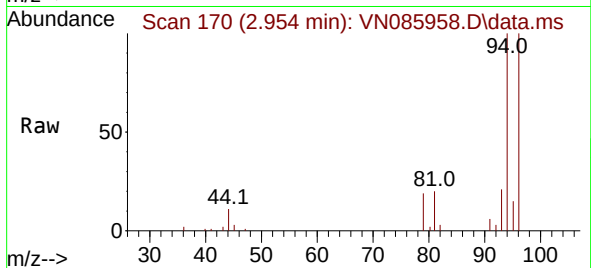




#5
Bromomethane
Concen: 16.855 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085958.D
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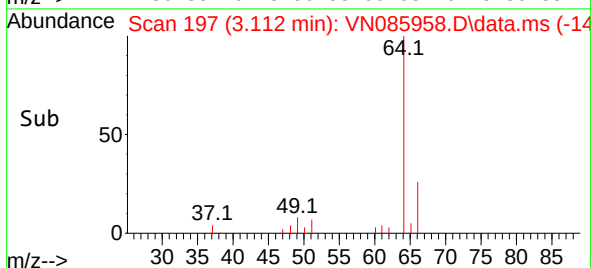
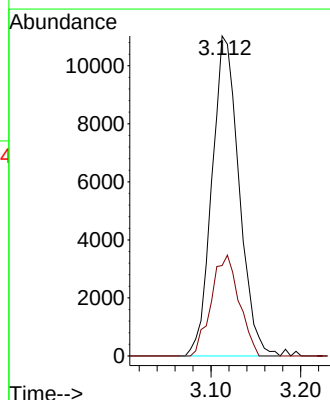
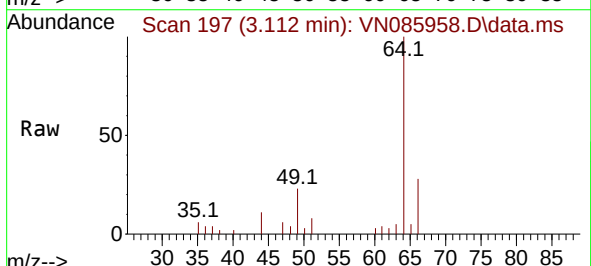
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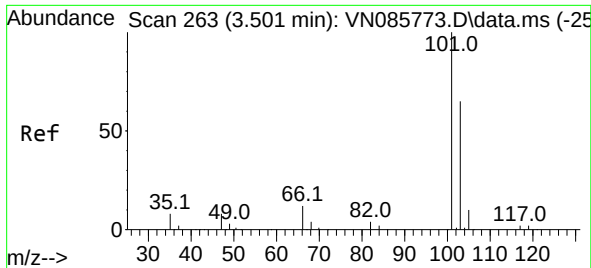
Tgt Ion: 94 Resp: 23930
Ion Ratio Lower Upper
94 100
96 100.5 71.7 107.5



#6
Chloroethane
Concen: 15.731 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.012 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

Tgt Ion: 64 Resp: 23136
Ion Ratio Lower Upper
64 100
66 28.2 27.0 40.6

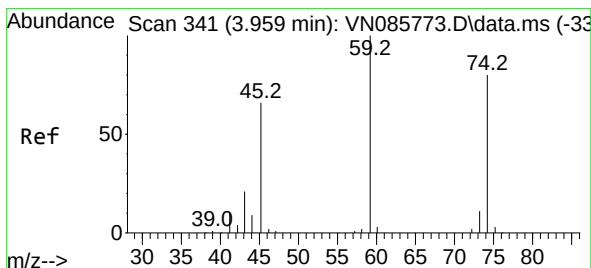
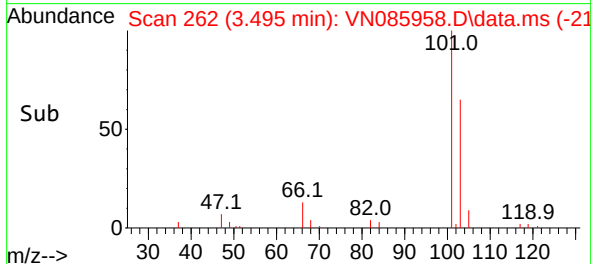
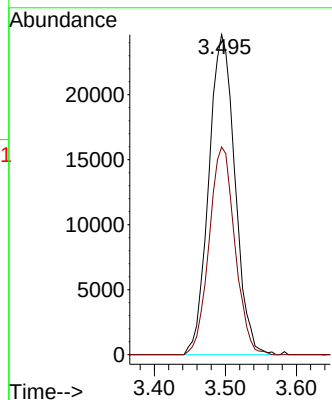
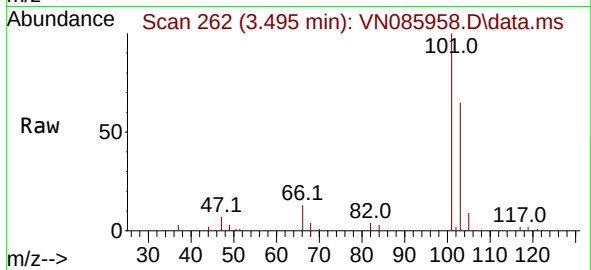




#7
Trichlorofluoromethane
Concen: 19.620 ug/l
RT: 3.495 min Scan# 262
Delta R.T. -0.006 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

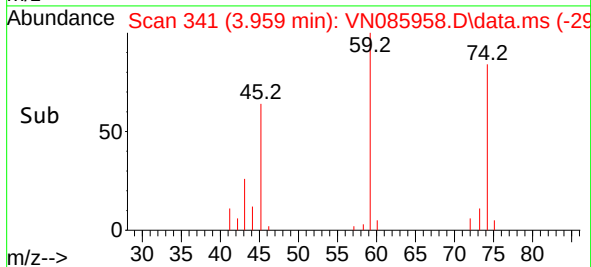
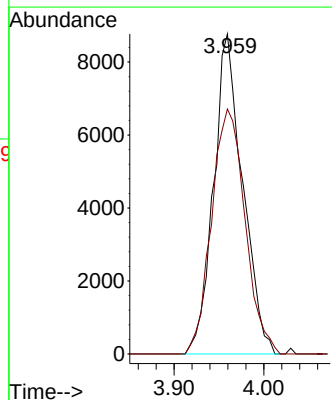
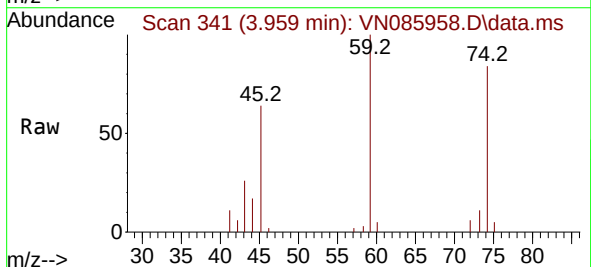
Instrument :
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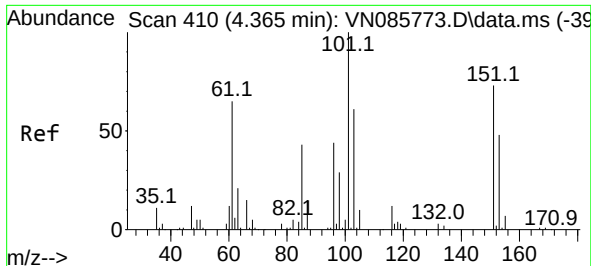
Tgt Ion:101 Resp: 63074
Ion Ratio Lower Upper
101 100
103 64.9 52.2 78.4



#8
Diethyl Ether
Concen: 18.915 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN085958.D
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Tgt Ion: 74 Resp: 19675
Ion Ratio Lower Upper
74 100
45 88.5 42.5 127.6

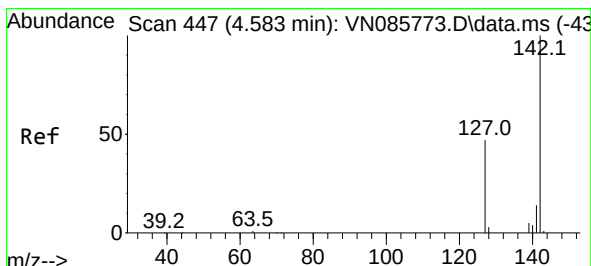
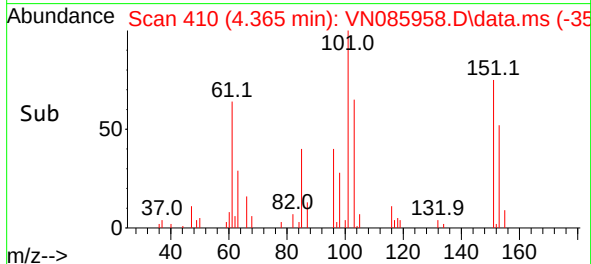
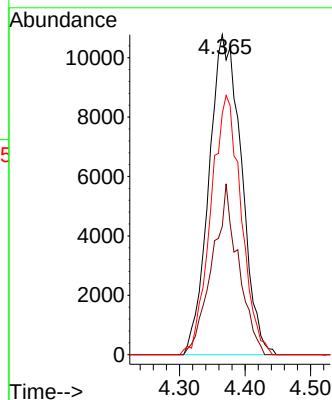
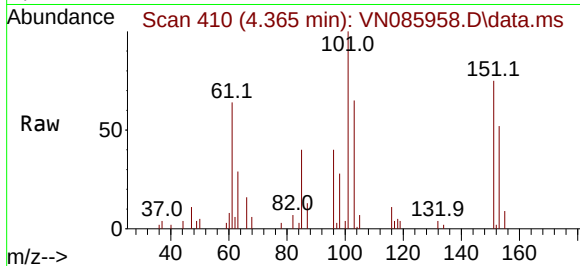




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.913 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

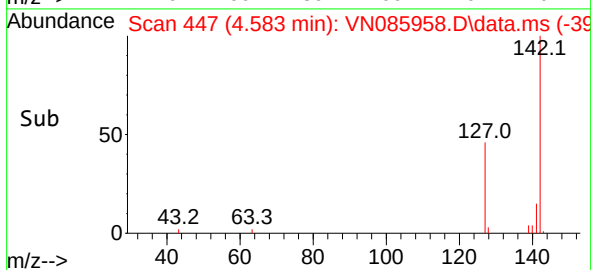
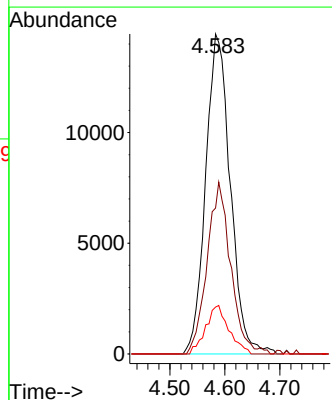
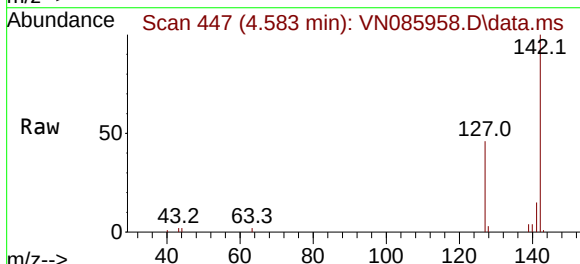
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

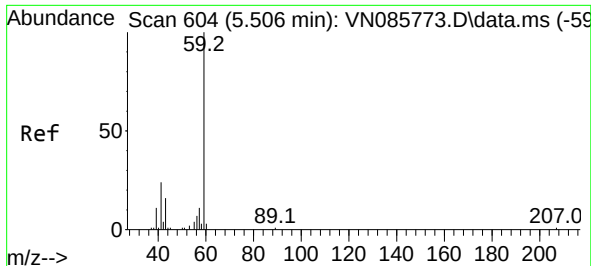
Tgt Ion:101 Resp: 37004
Ion Ratio Lower Upper
101 100
85 43.4 35.7 53.5
151 75.9 61.4 92.2



#10
Methyl Iodide
Concen: 19.655 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

Tgt Ion:142 Resp: 45022
Ion Ratio Lower Upper
142 100
127 45.6 37.6 56.4
141 14.6 11.4 17.2

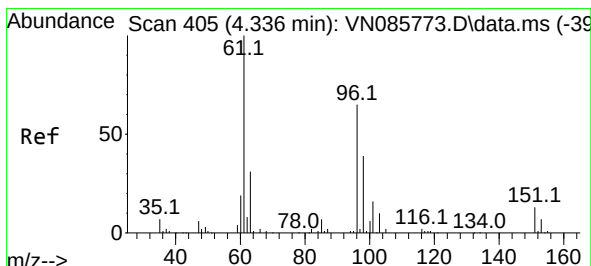
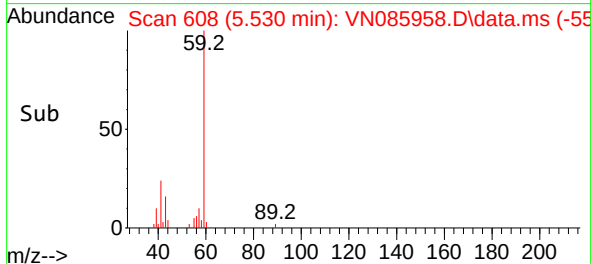
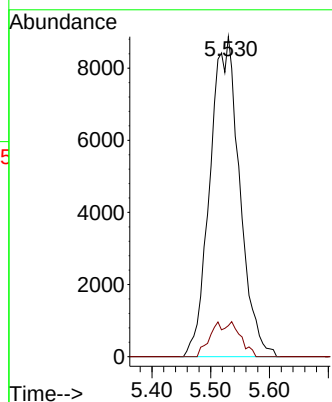
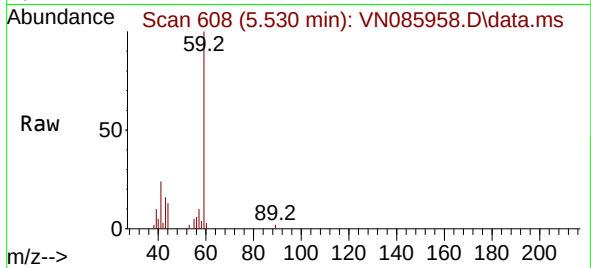




#11
Tert butyl alcohol
Concen: 126.720 ug/l
RT: 5.530 min Scan# 604
Delta R.T. 0.024 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

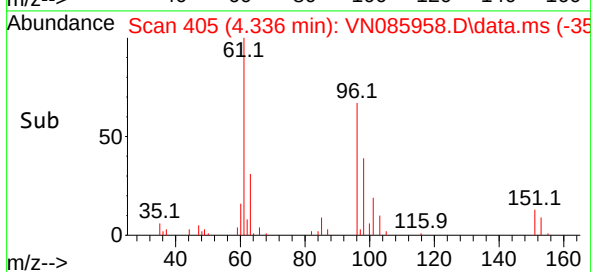
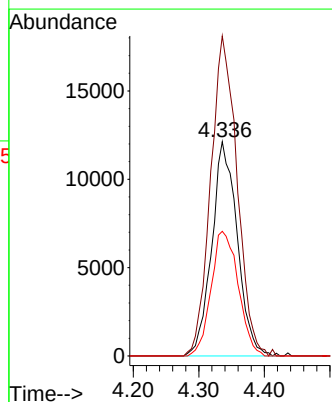
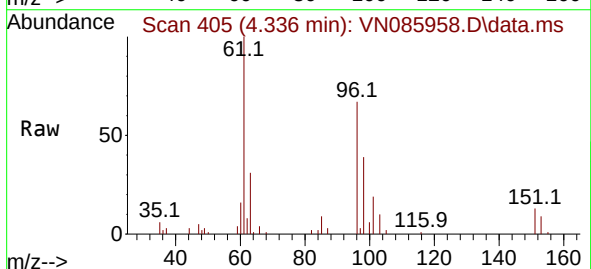
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

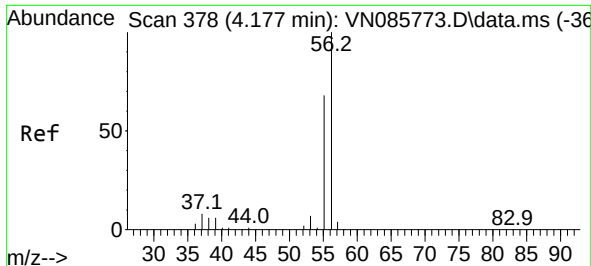
Tgt Ion: 59 Resp: 31046
Ion Ratio Lower Upper
59 100
57 4.6 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 19.441 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

Tgt Ion: 96 Resp: 32757
Ion Ratio Lower Upper
96 100
61 149.3 123.3 184.9
98 58.2 48.6 72.8

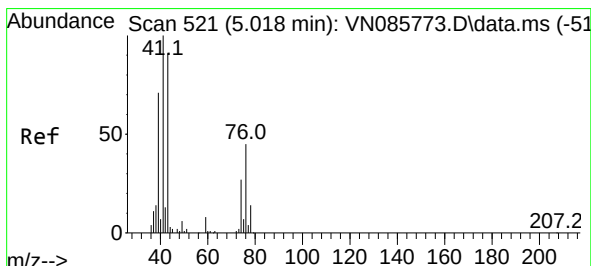
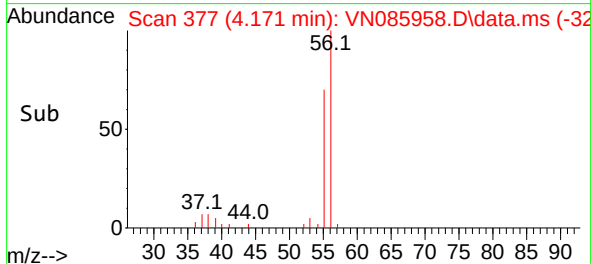
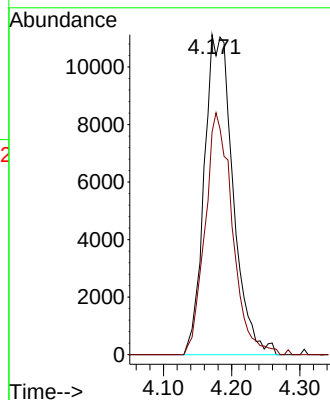
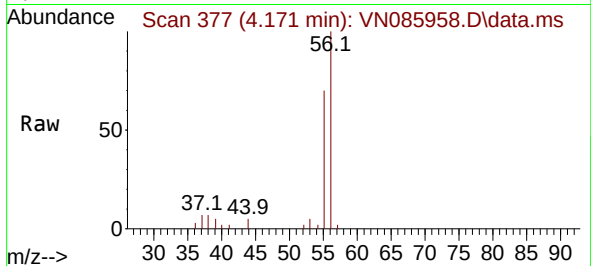




#13
Acrolein
Concen: 90.231 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

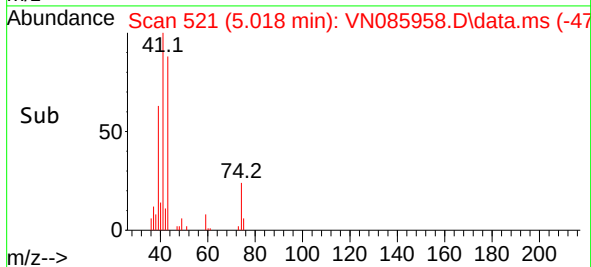
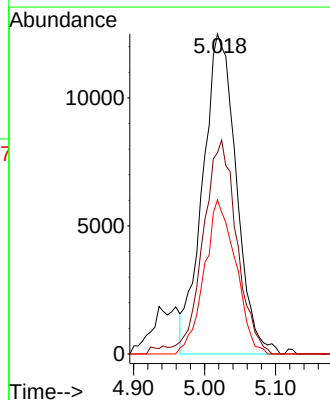
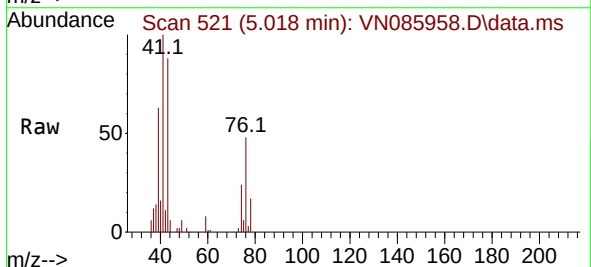
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

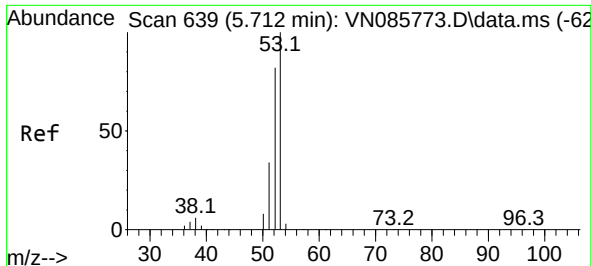
Tgt Ion: 56 Resp: 32782
Ion Ratio Lower Upper
56 100
55 71.8 55.3 82.9



#14
Allyl chloride
Concen: 18.565 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

Tgt Ion: 41 Resp: 41069
Ion Ratio Lower Upper
41 100
39 67.9 57.4 86.2
76 45.0 36.2 54.2

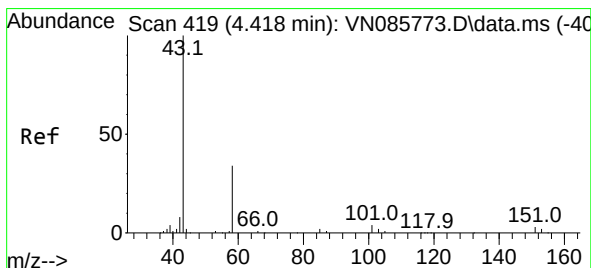
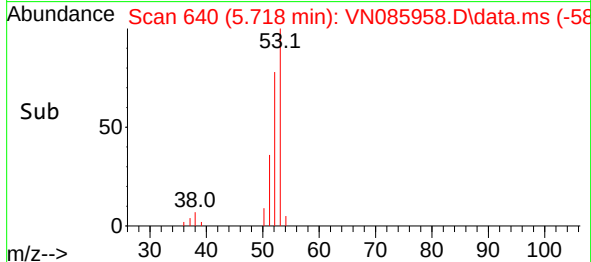
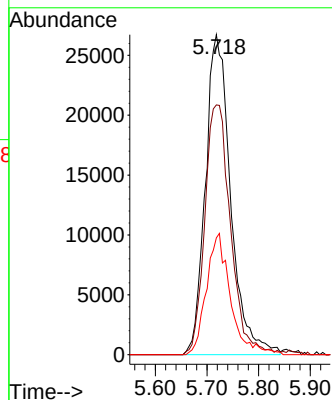
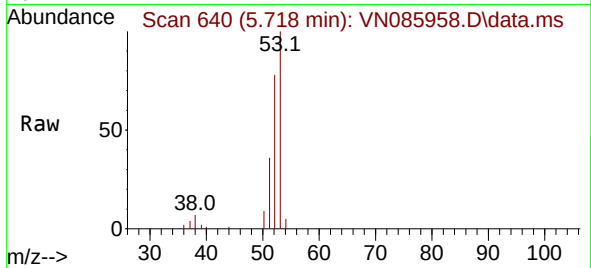




#15
Acrylonitrile
Concen: 113.932 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

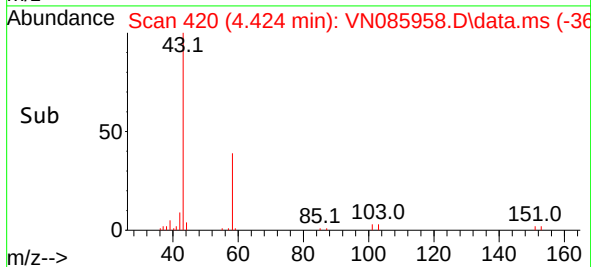
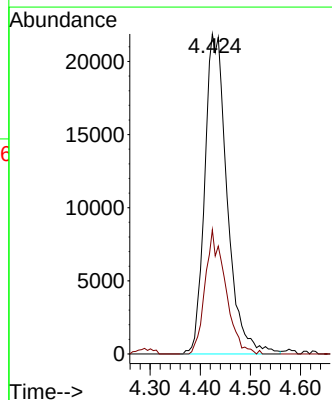
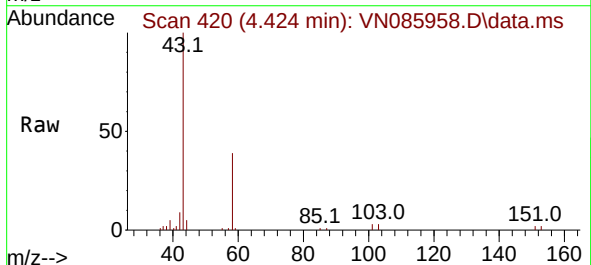
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

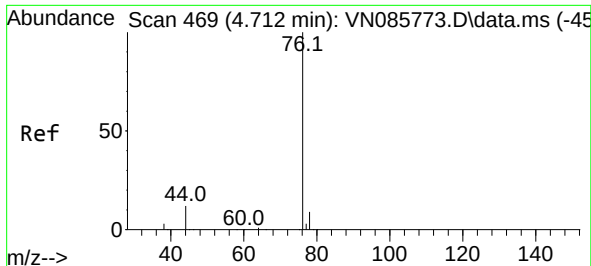
Tgt Ion:	53	Resp:	90743
Ion	Ratio	Lower	Upper
53	100		
52	79.8	65.8	98.6
51	36.2	28.6	42.8



#16
Acetone
Concen: 107.655 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

Tgt Ion:	43	Resp:	67854
Ion	Ratio	Lower	Upper
43	100		
58	38.8	27.5	41.3

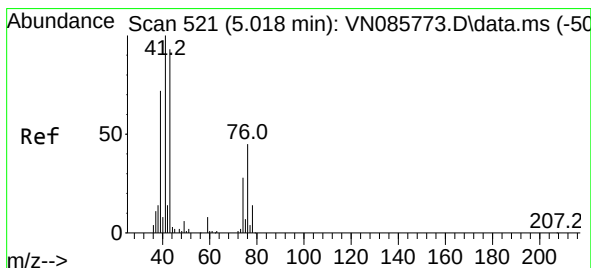
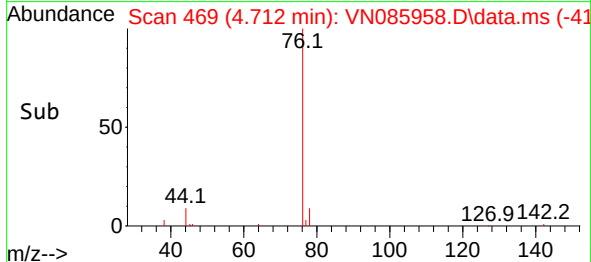
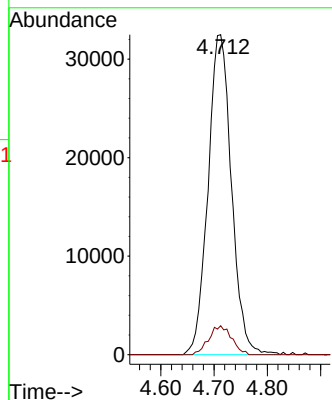
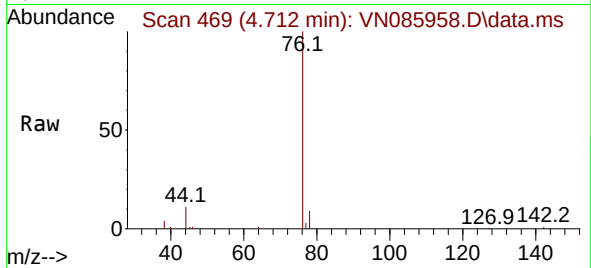




#17
Carbon Disulfide
Concen: 19.892 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

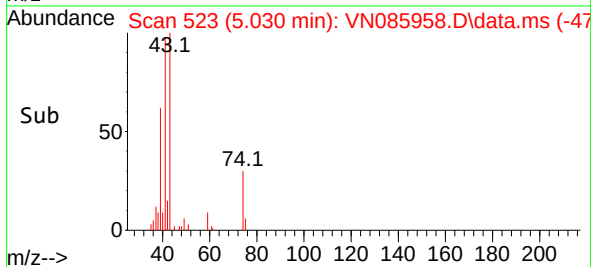
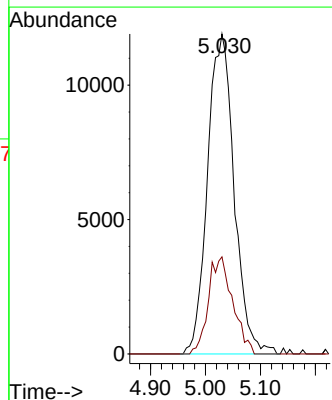
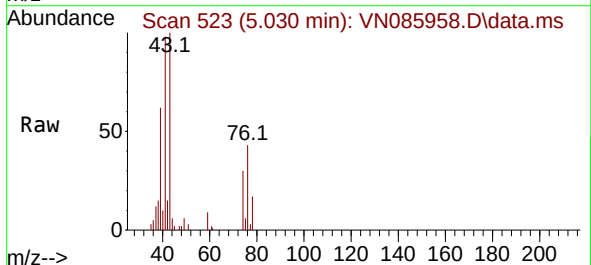
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

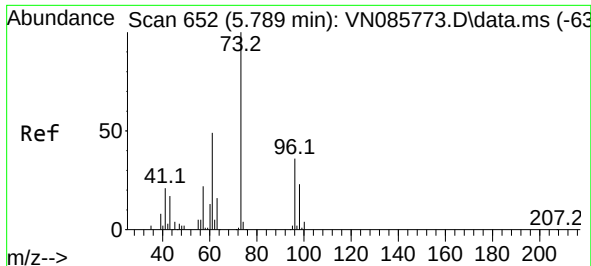
Tgt Ion: 76 Resp: 99334
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 18.459 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

Tgt Ion: 43 Resp: 40017
Ion Ratio Lower Upper
43 100
74 27.8 22.2 33.4

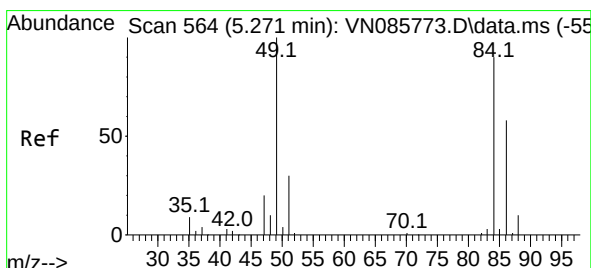
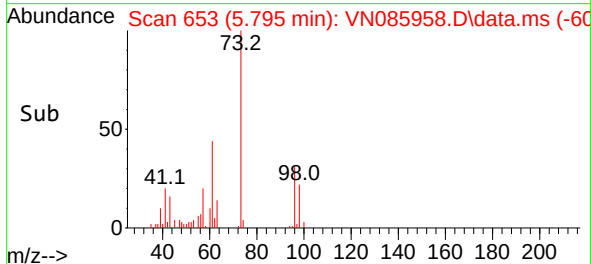
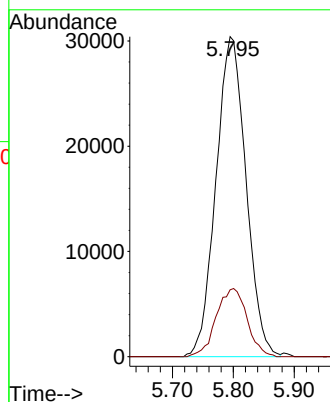
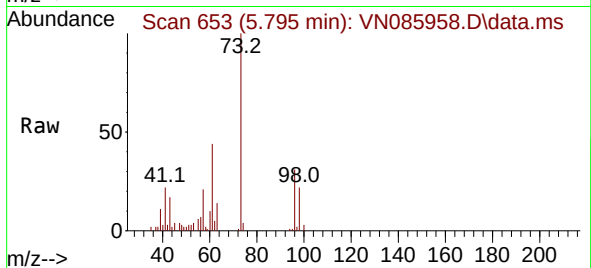




#19
Methyl tert-butyl Ether
Concen: 20.854 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

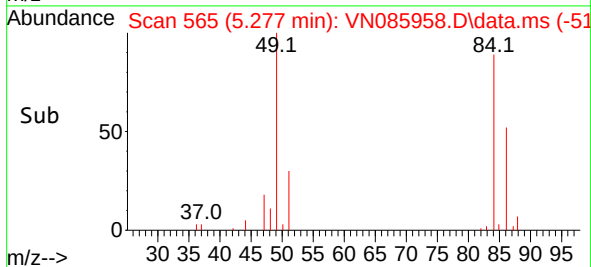
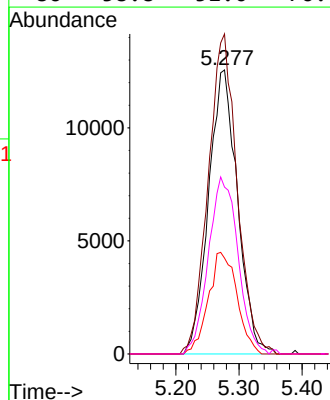
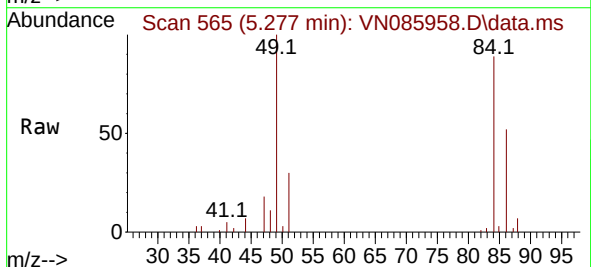
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

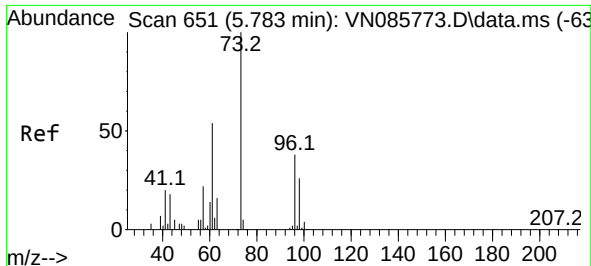
Tgt Ion: 73 Resp: 104415
Ion Ratio Lower Upper
73 100
57 20.9 17.6 26.4



#20
Methylene Chloride
Concen: 19.691 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

Tgt Ion: 84 Resp: 39912
Ion Ratio Lower Upper
84 100
49 112.7 88.4 132.6
51 33.7 26.6 40.0
86 58.8 51.0 76.6

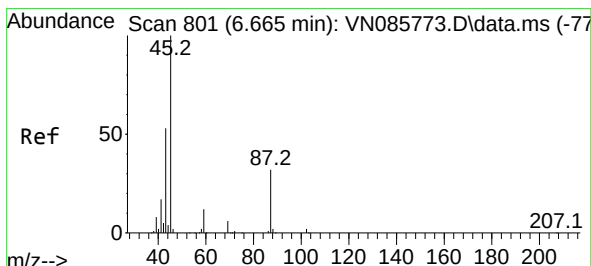
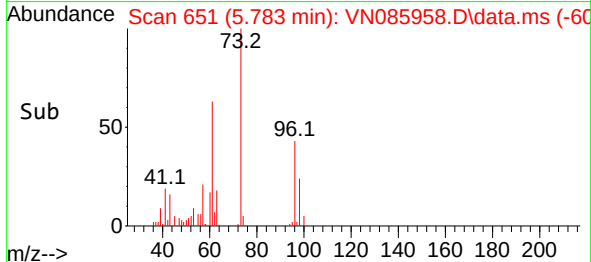
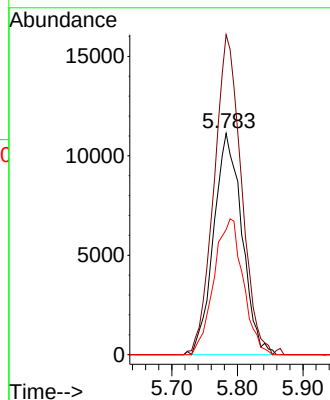
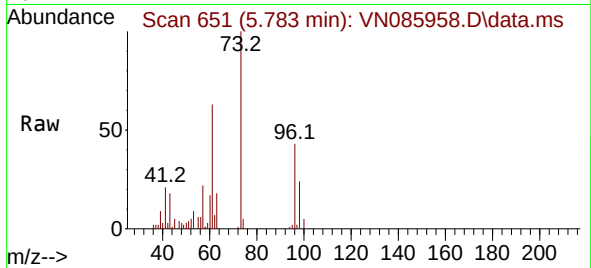




#21
trans-1,2-Dichloroethene
Concen: 18.329 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

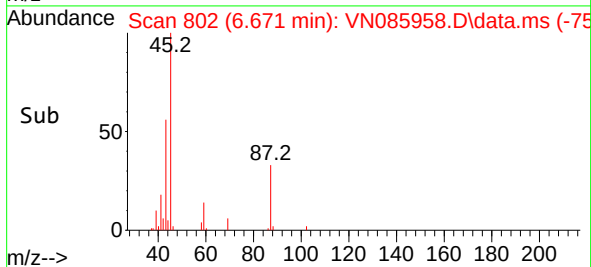
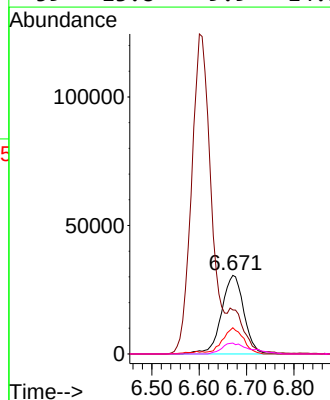
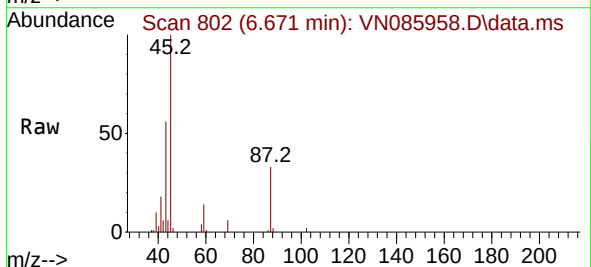
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

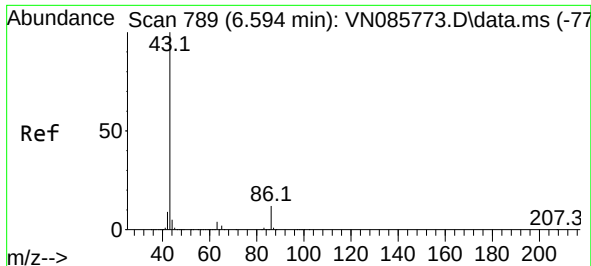
Tgt Ion: 96 Resp: 33254
Ion Ratio Lower Upper
96 100
61 144.6 112.6 168.8
98 56.5 53.3 79.9



#22
Diisopropyl ether
Concen: 20.036 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

Tgt Ion: 45 Resp: 100151
Ion Ratio Lower Upper
45 100
43 54.9 42.6 64.0
87 33.3 25.8 38.8
59 13.8 9.9 14.9

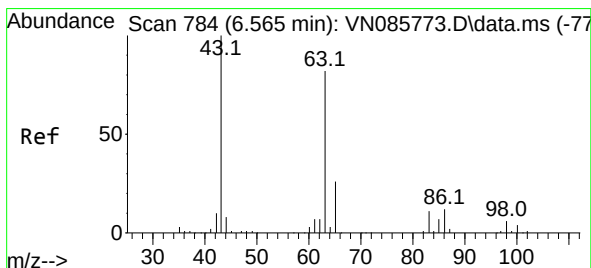
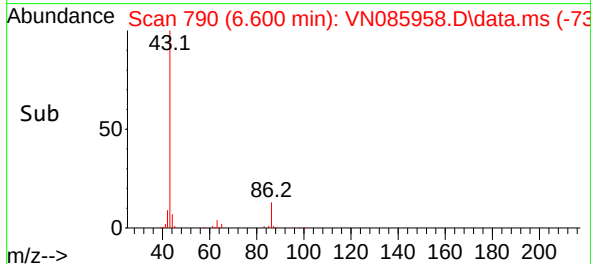
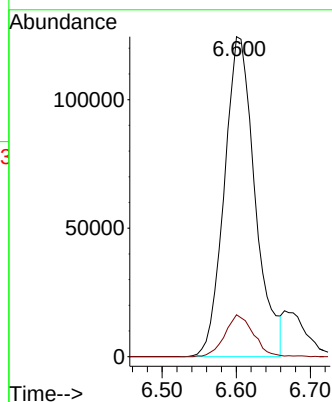
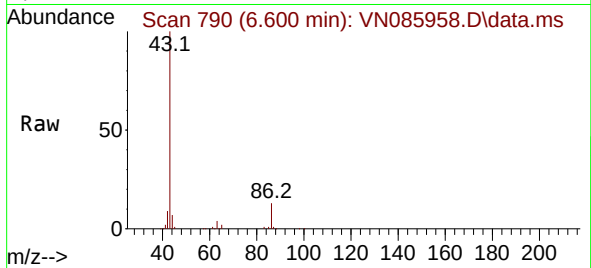




#23
 Vinyl Acetate
 Concen: 104.868 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085958.D
 Acq: 12 Mar 2025 14:17

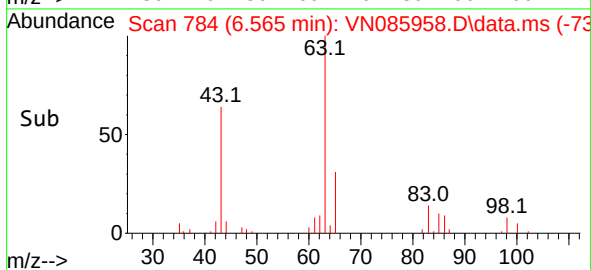
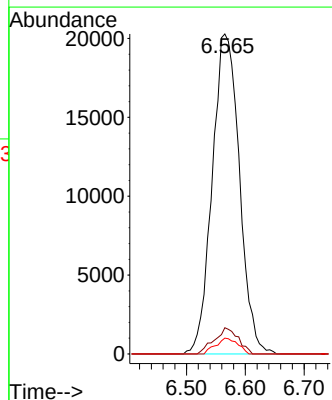
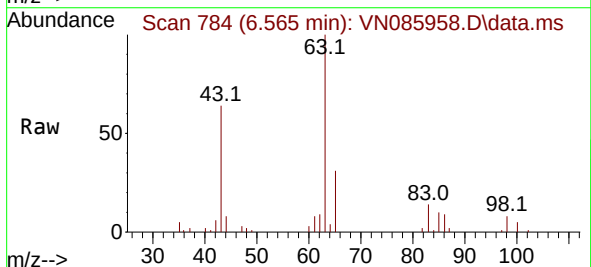
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312WBSD01

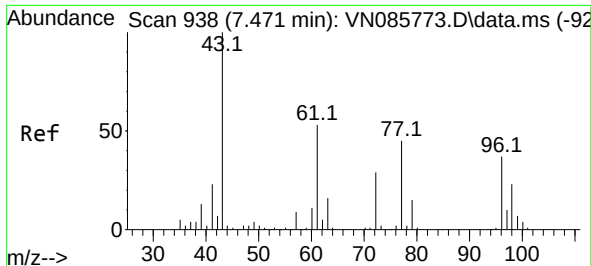
Tgt Ion: 43 Resp: 358921
 Ion Ratio Lower Upper
 43 100
 86 13.1 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 19.198 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN085958.D
 Acq: 12 Mar 2025 14:17

Tgt Ion: 63 Resp: 65236
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.5 10.4
 100 5.0 2.4 7.2

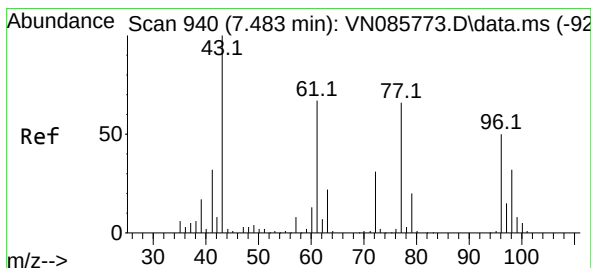
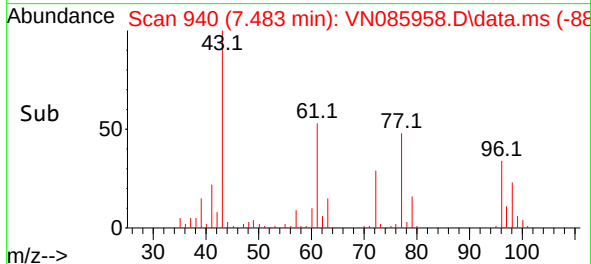
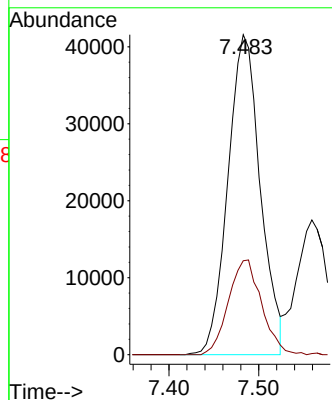
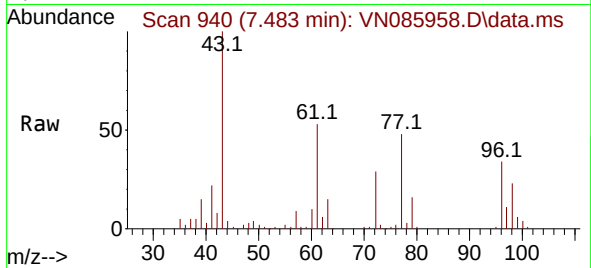




#25
2-Butanone
Concen: 112.374 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

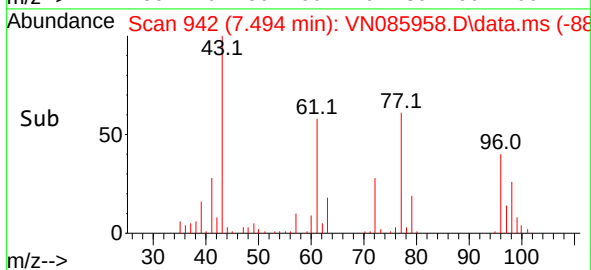
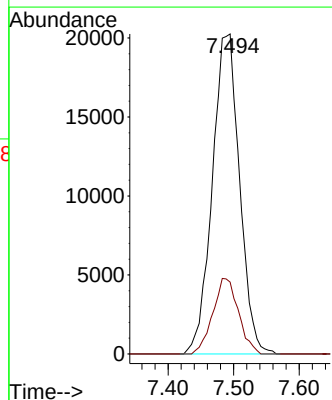
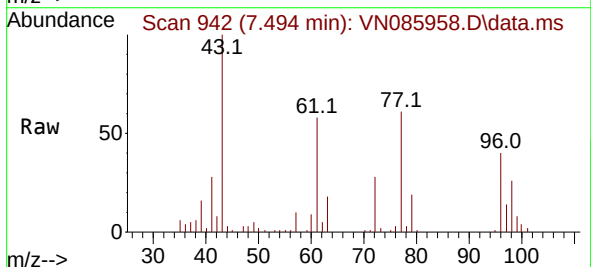
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

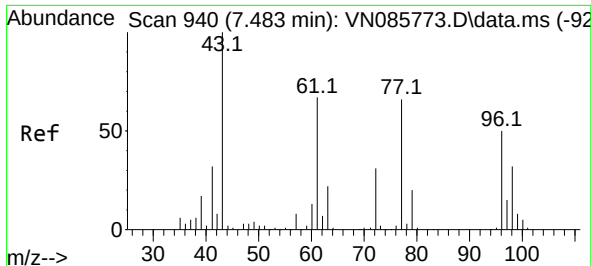
Tgt Ion: 43 Resp: 104201
Ion Ratio Lower Upper
43 100
72 29.4 23.6 35.4



#26
2,2-Dichloropropane
Concen: 19.340 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

Tgt Ion: 77 Resp: 58437
Ion Ratio Lower Upper
77 100
97 22.2 11.3 33.8

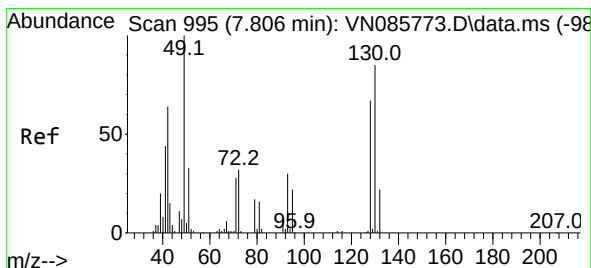
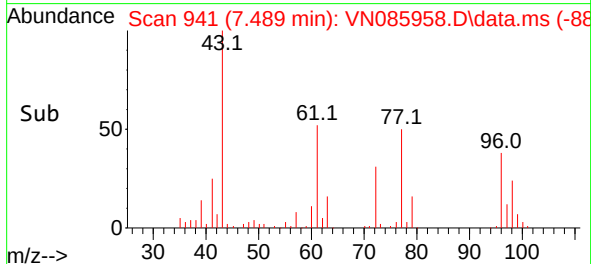
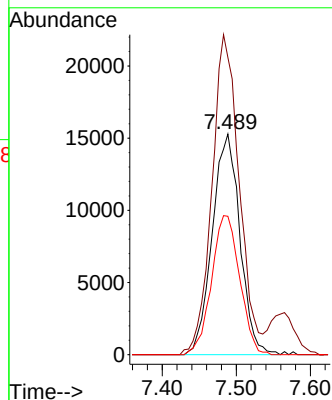
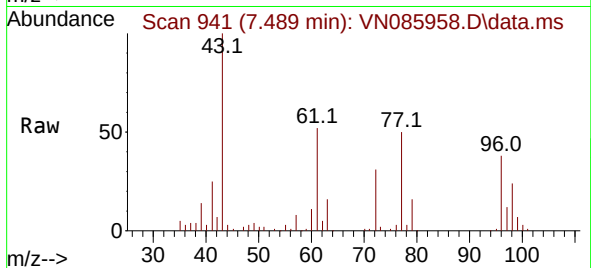




#27
 cis-1,2-Dichloroethene
 Concen: 18.823 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN085958.D
 Acq: 12 Mar 2025 14:17

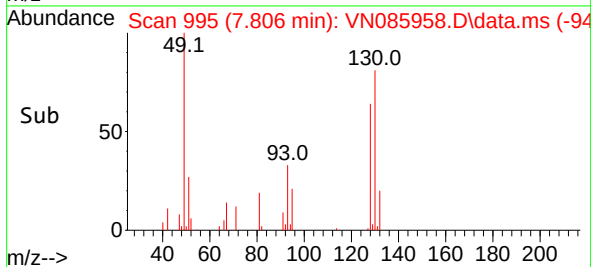
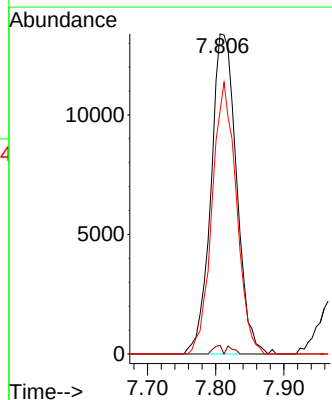
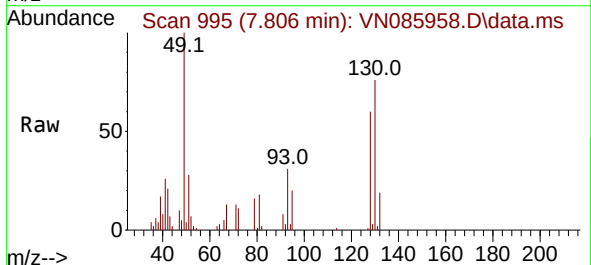
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312WBSD01

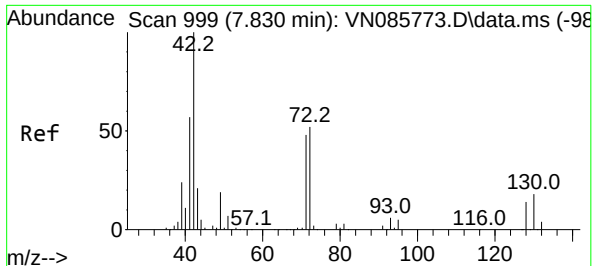
Tgt Ion: 96 Resp: 39596
 Ion Ratio Lower Upper
 96 100
 61 143.2 0.0 280.6
 98 64.2 0.0 128.6



#28
 Bromochloromethane
 Concen: 25.022 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. 0.000 min
 Lab File: VN085958.D
 Acq: 12 Mar 2025 14:17

Tgt Ion: 49 Resp: 34946
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 3.8
 130 0.0 68.0 102.0#





#29

Tetrahydrofuran

Concen: 120.636 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.012 min

Lab File: VN085958.D

Acq: 12 Mar 2025 14:17

Instrument :

MSVOA_N

ClientSampleId :

VN0312WBSD01

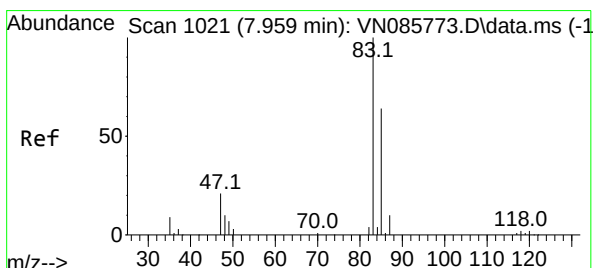
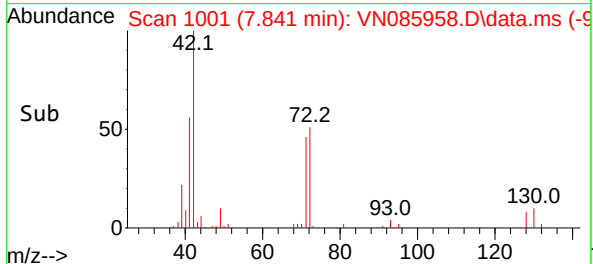
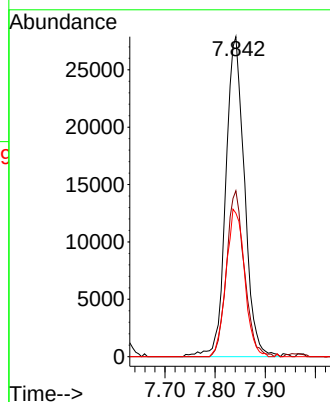
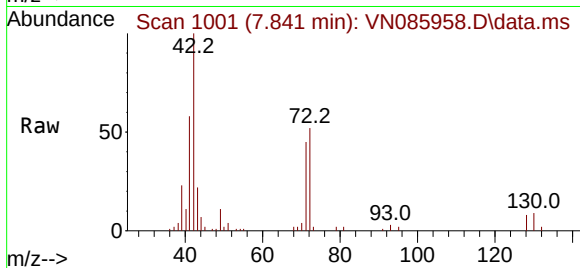
Tgt Ion: 42 Resp: 72235

Ion Ratio Lower Upper

42 100

72 49.8 40.0 60.0

71 46.0 37.0 55.4



#30

Chloroform

Concen: 19.179 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN085958.D

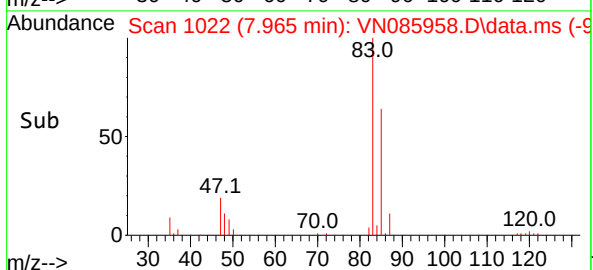
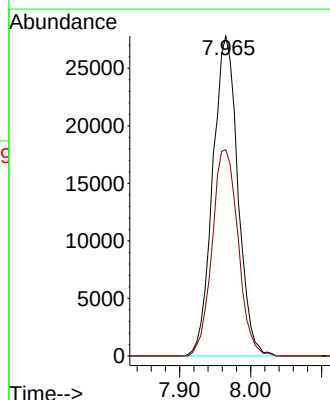
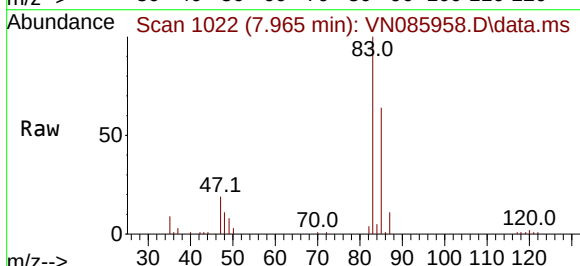
Acq: 12 Mar 2025 14:17

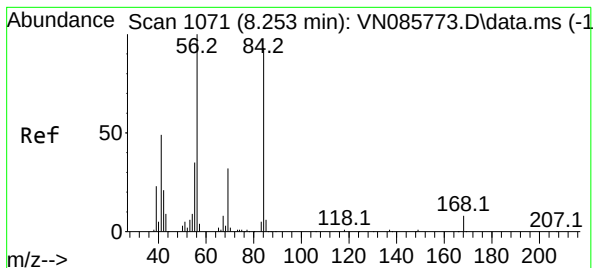
Tgt Ion: 83 Resp: 68105

Ion Ratio Lower Upper

83 100

85 64.4 50.9 76.3





#31

Cyclohexane

Concen: 19.007 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VN085958.D

Acq: 12 Mar 2025 14:17

Instrument :

MSVOA_N

ClientSampleId :

VN0312WBSD01

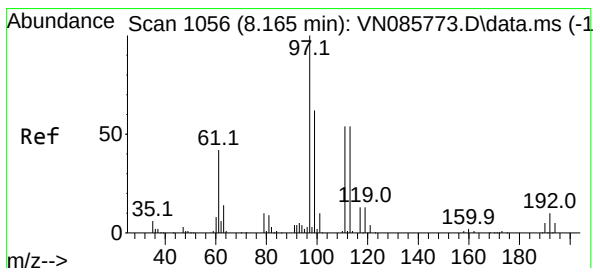
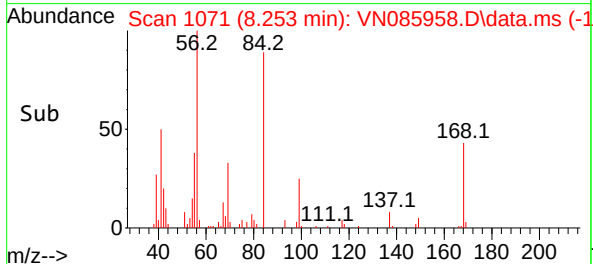
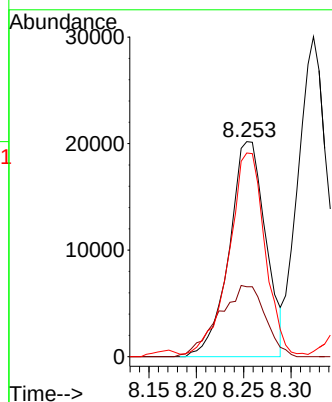
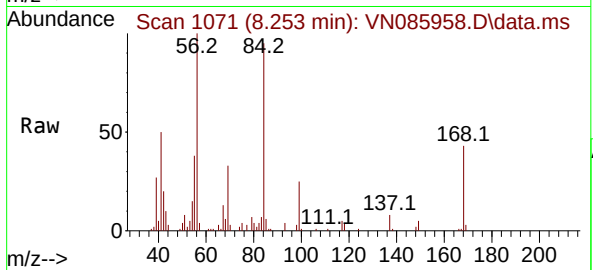
Tgt Ion: 56 Resp: 54077

Ion Ratio Lower Upper

56 100

69 31.6 25.8 38.6

84 93.6 74.5 111.7



#32

1,1,1-Trichloroethane

Concen: 20.171 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN085958.D

Acq: 12 Mar 2025 14:17

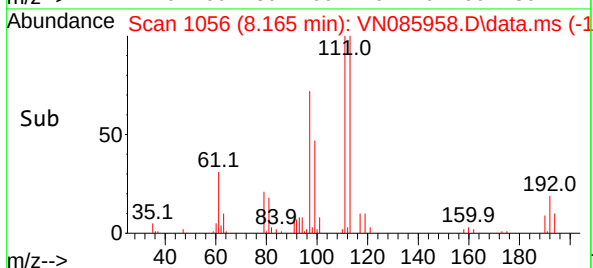
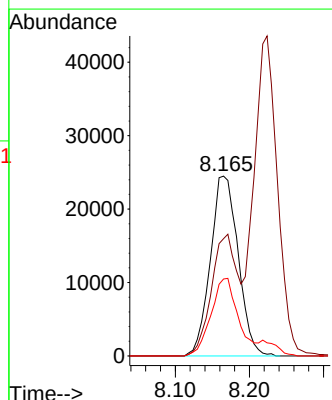
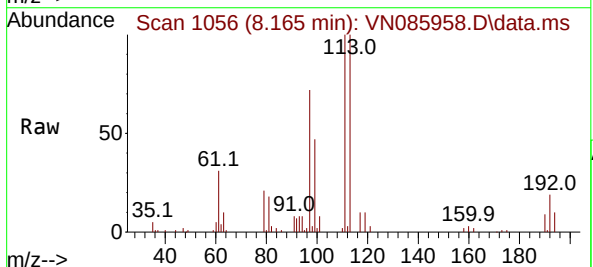
Tgt Ion: 97 Resp: 63710

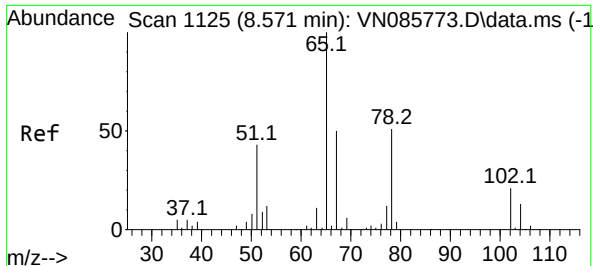
Ion Ratio Lower Upper

97 100

99 62.9 50.4 75.6

61 42.9 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 49.779 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085958.D

Acq: 12 Mar 2025 14:17

Instrument :

MSVOA_N

ClientSampleId :

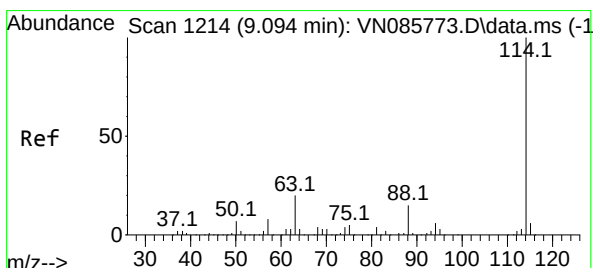
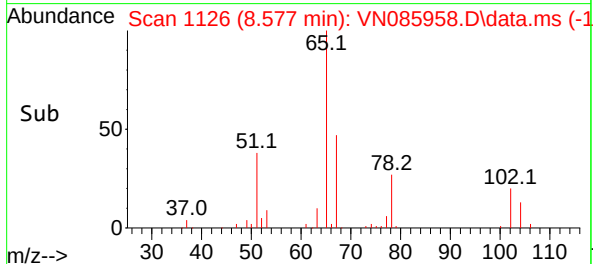
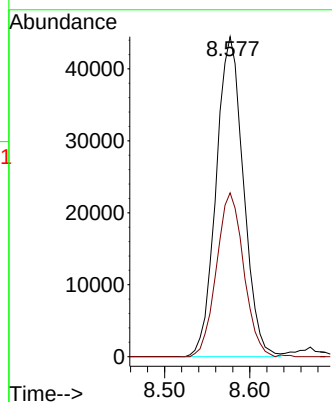
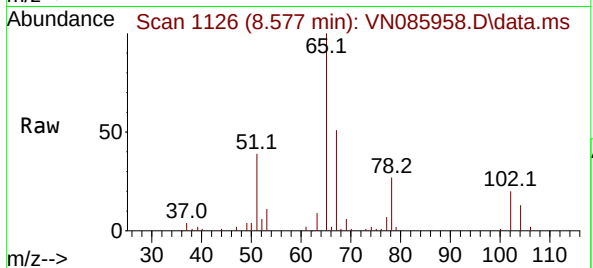
VN0312WBSD01

Tgt Ion: 65 Resp: 99158

Ion Ratio Lower Upper

65 100

67 50.9 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: VN085958.D

Acq: 12 Mar 2025 14:17

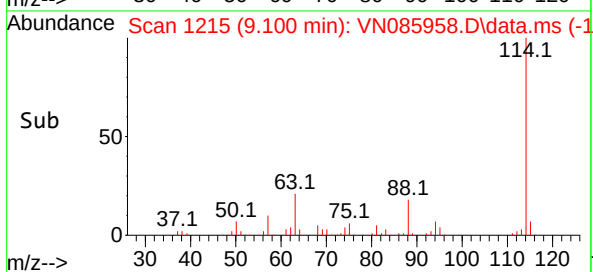
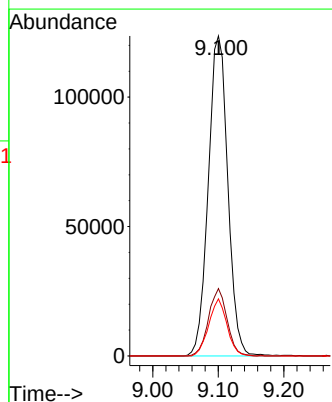
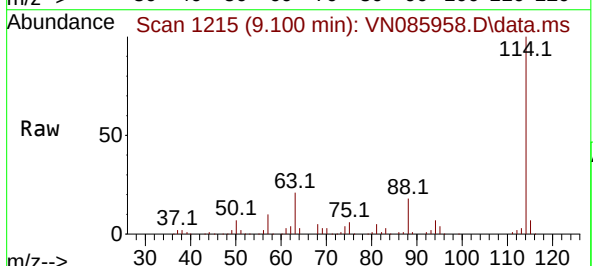
Tgt Ion: 114 Resp: 255781

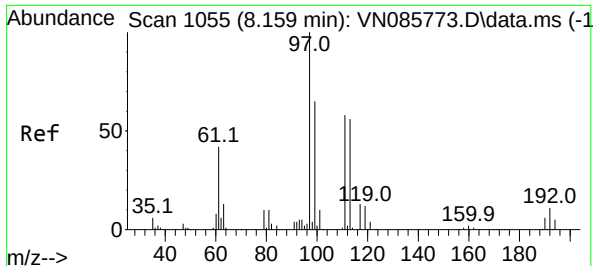
Ion Ratio Lower Upper

114 100

63 21.0 0.0 39.2

88 17.9 0.0 30.0





#35

Dibromofluoromethane

Concen: 46.652 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085958.D

Acq: 12 Mar 2025 14:17

Instrument :

MSVOA_N

ClientSampleId :

VN0312WBSD01

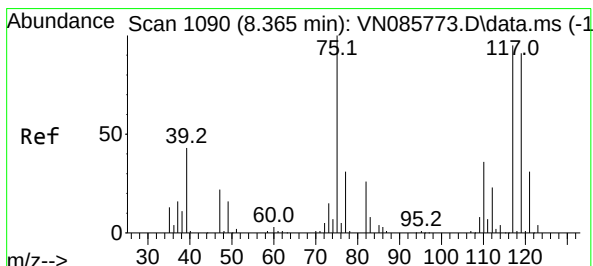
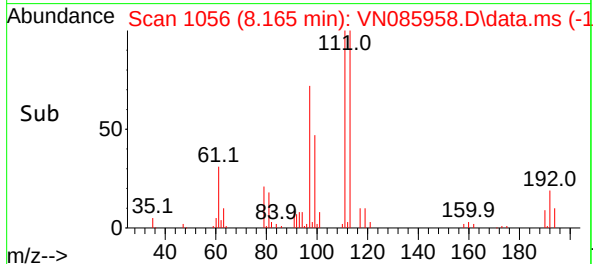
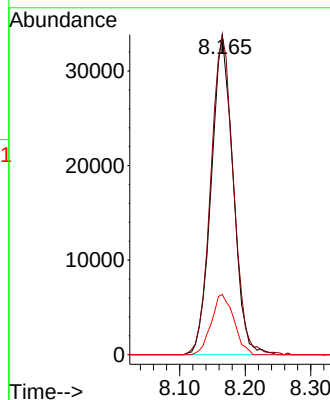
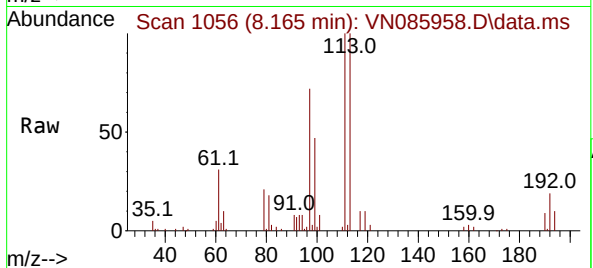
Tgt Ion:113 Resp: 78082

Ion Ratio Lower Upper

113 100

111 103.9 82.2 123.4

192 19.5 14.7 22.1



#36

1,1-Dichloropropene

Concen: 19.589 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN085958.D

Acq: 12 Mar 2025 14:17

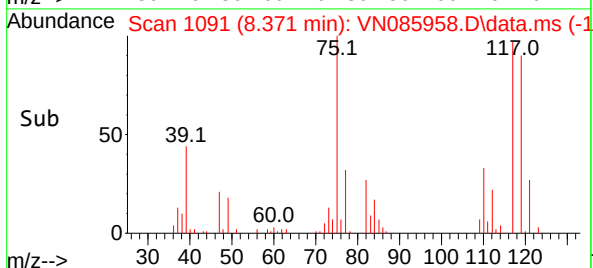
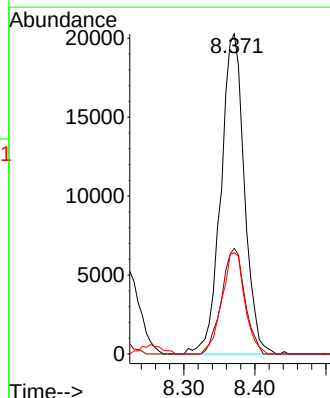
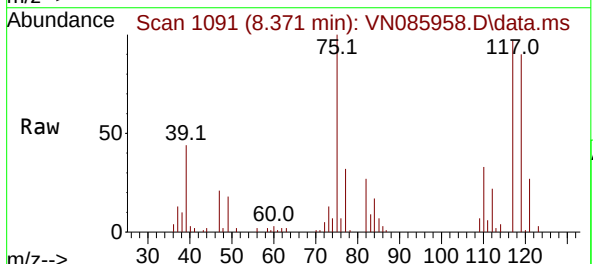
Tgt Ion: 75 Resp: 46401

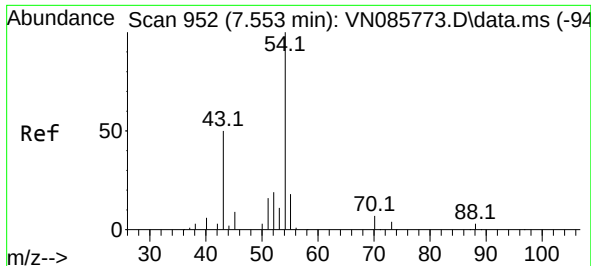
Ion Ratio Lower Upper

75 100

110 32.7 17.3 52.0

77 30.9 24.6 37.0

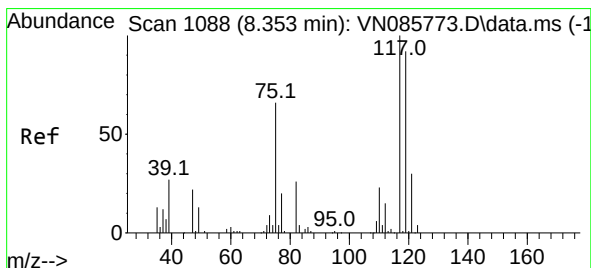
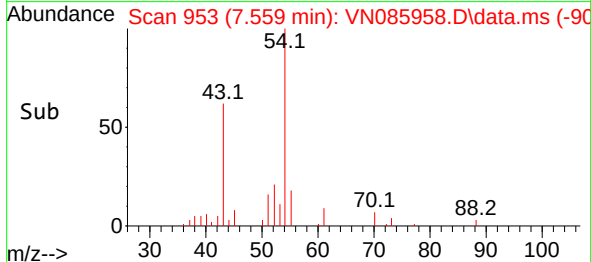
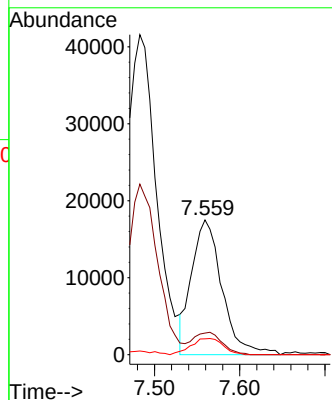
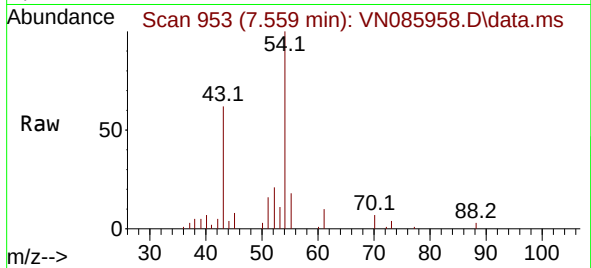




#37
Ethyl Acetate
Concen: 22.259 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

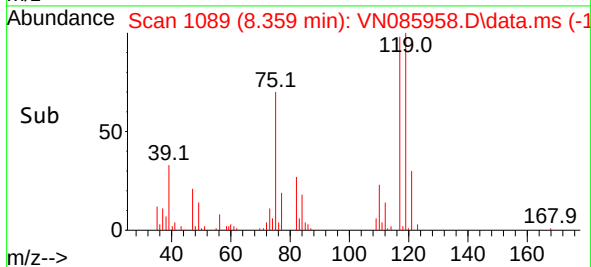
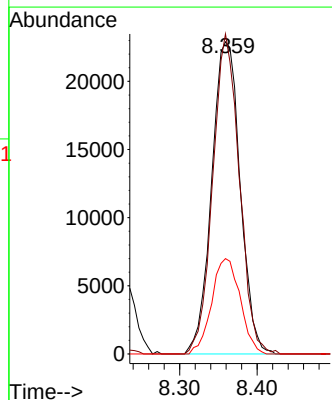
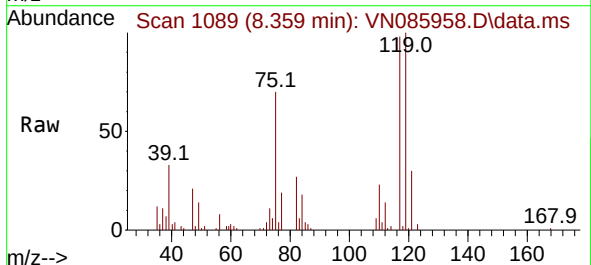
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

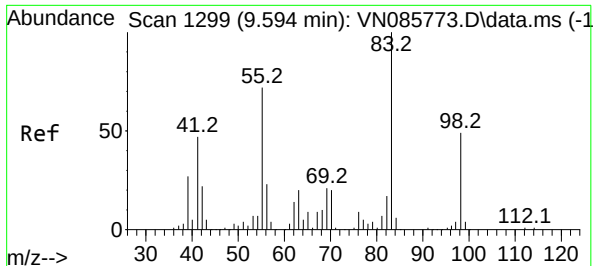
Tgt Ion: 43 Resp: 43390
Ion Ratio Lower Upper
43 100
61 15.9 12.2 18.2
70 12.6 9.5 14.3



#38
Carbon Tetrachloride
Concen: 20.804 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

Tgt Ion: 117 Resp: 58553
Ion Ratio Lower Upper
117 100
119 102.5 73.8 110.6
121 30.6 24.3 36.5





#39

Methylcyclohexane

Concen: 18.040 ug/l

RT: 9.594 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN085958.D

Acq: 12 Mar 2025 14:17

Instrument :

MSVOA_N

ClientSampleId :

VN0312WBSD01

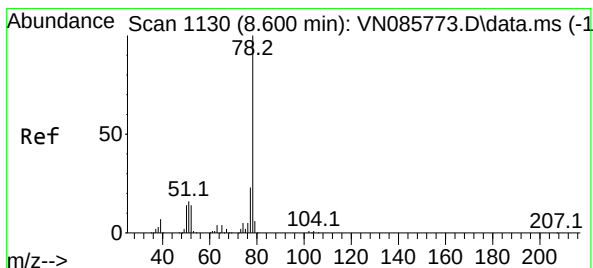
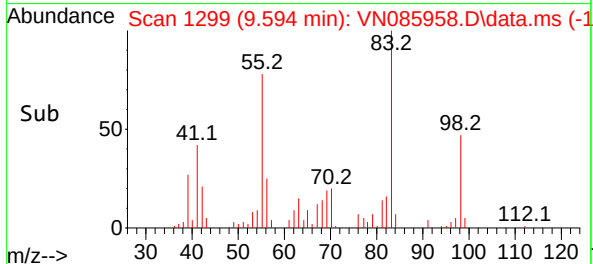
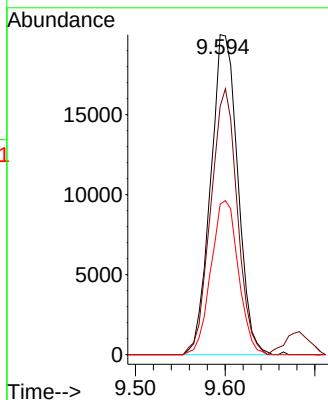
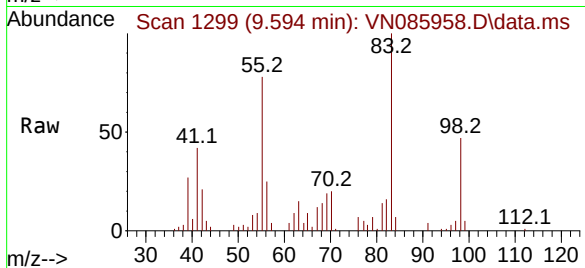
Tgt Ion: 83 Resp: 41981

Ion Ratio Lower Upper

83 100

55 77.6 57.5 86.3

98 47.0 39.2 58.8



#40

Benzene

Concen: 19.701 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN085958.D

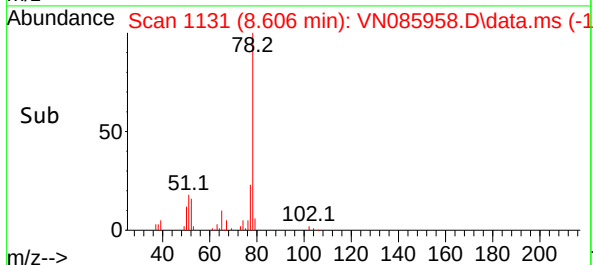
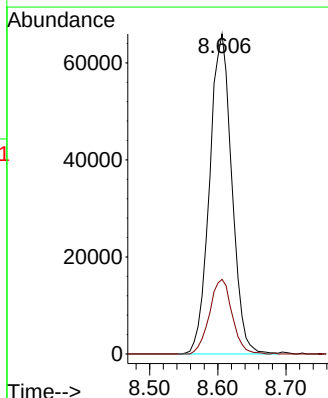
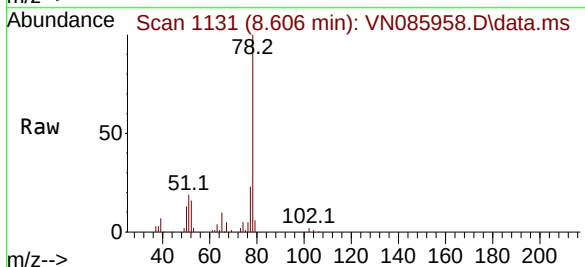
Acq: 12 Mar 2025 14:17

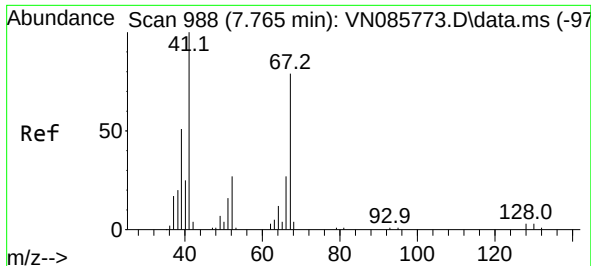
Tgt Ion: 78 Resp: 149573

Ion Ratio Lower Upper

78 100

77 23.3 18.3 27.5

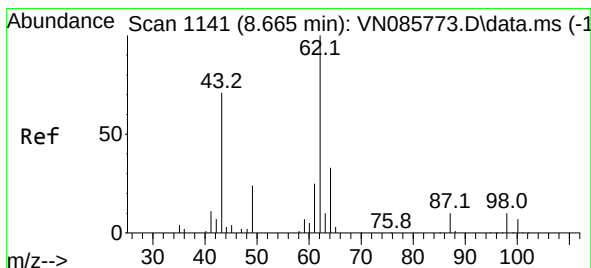
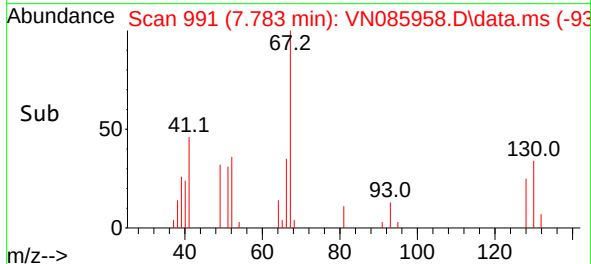
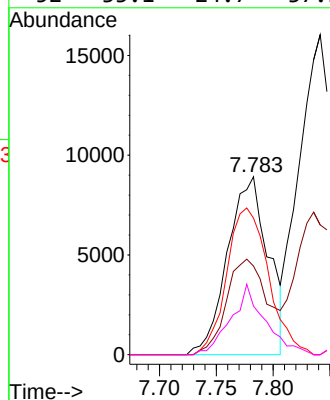
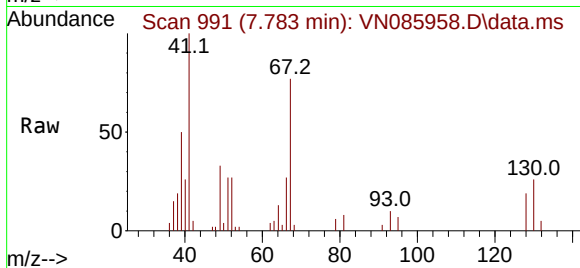




#41
Methacrylonitrile
Concen: 21.289 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.018 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

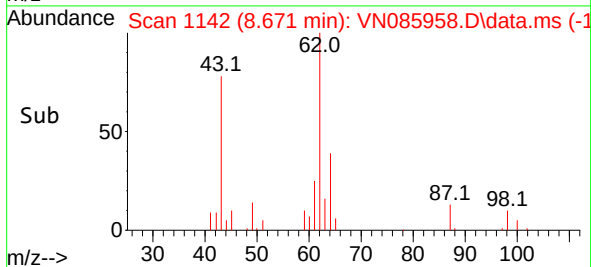
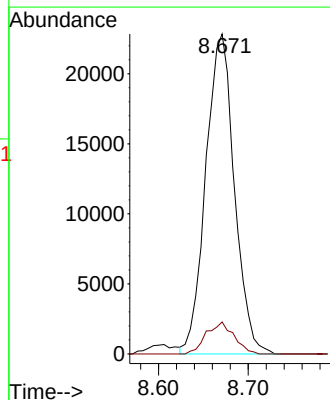
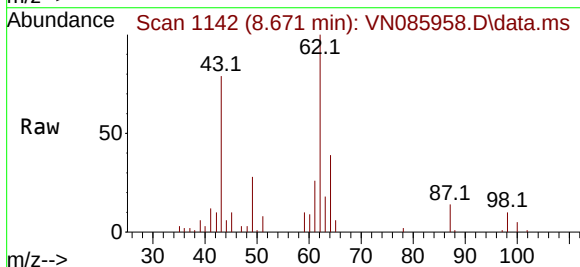
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

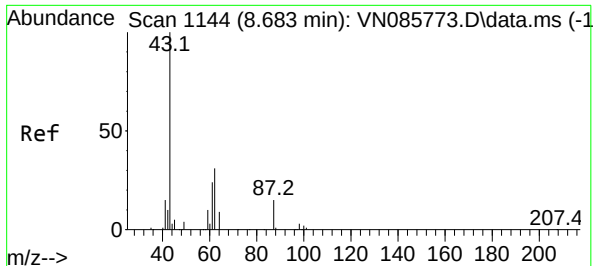
Tgt Ion: 41	Resp: 22185
Ion Ratio	Lower Upper
41 100	
39 54.8	42.0 63.0
67 84.8	64.2 96.4
52 33.1	24.7 37.1



#42
1,2-Dichloroethane
Concen: 20.456 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

Tgt Ion: 62	Resp: 50585
Ion Ratio	Lower Upper
62 100	
98 9.7	0.0 19.6

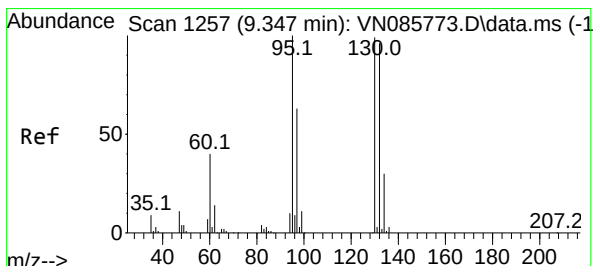
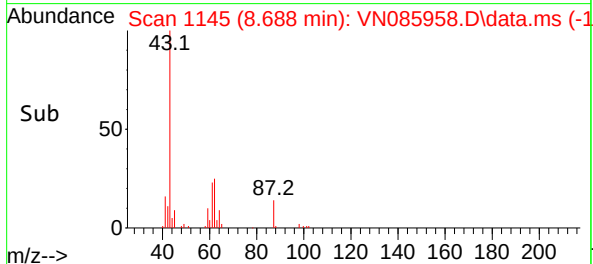
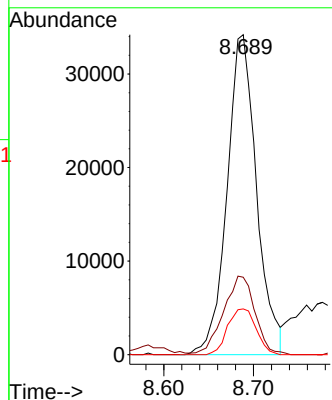
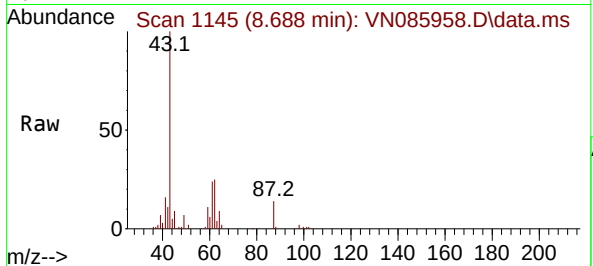




#43
Isopropyl Acetate
Concen: 22.538 ug/l
RT: 8.688 min Scan# 1144
Delta R.T. 0.005 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

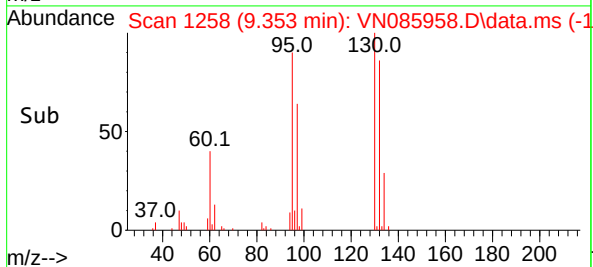
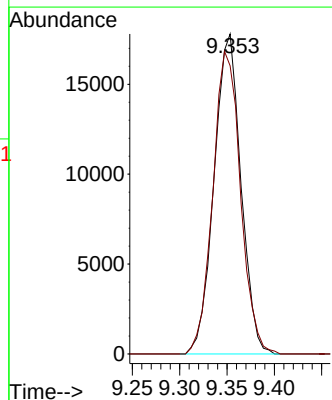
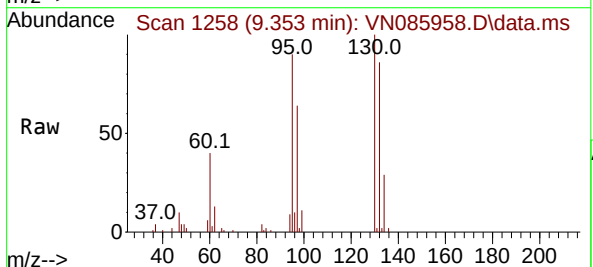
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

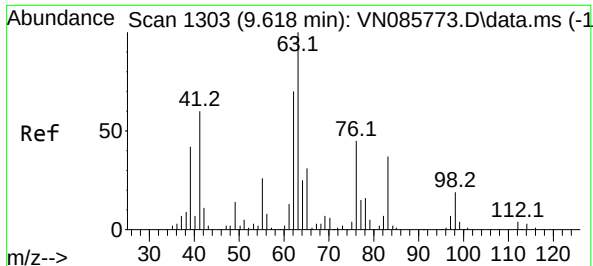
Tgt Ion: 43 Resp: 78129
Ion Ratio Lower Upper
43 100
61 26.2 22.6 34.0
87 13.8 11.8 17.8



#44
Trichloroethene
Concen: 18.842 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

Tgt Ion:130 Resp: 35122
Ion Ratio Lower Upper
130 100
95 90.0 0.0 202.6





#45

1,2-Dichloropropane

Concen: 18.552 ug/l

RT: 9.618 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN085958.D

Acq: 12 Mar 2025 14:17

Instrument :

MSVOA_N

ClientSampleId :

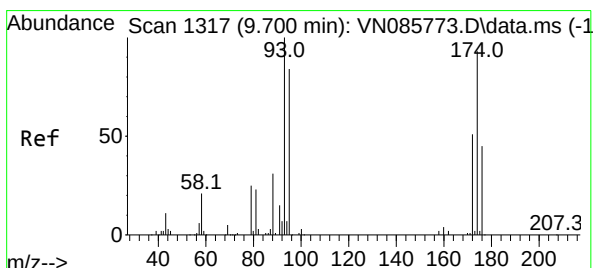
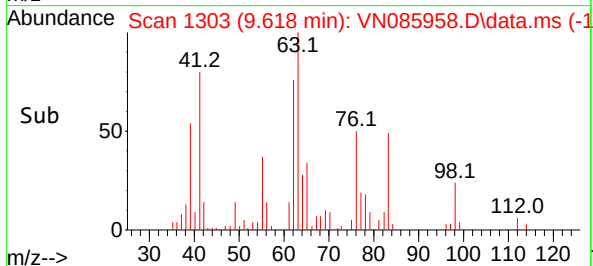
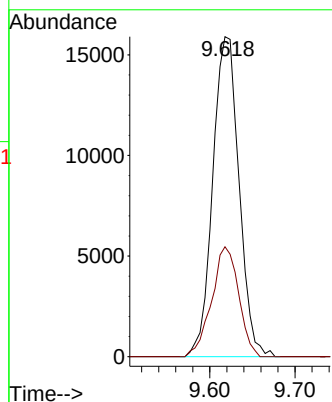
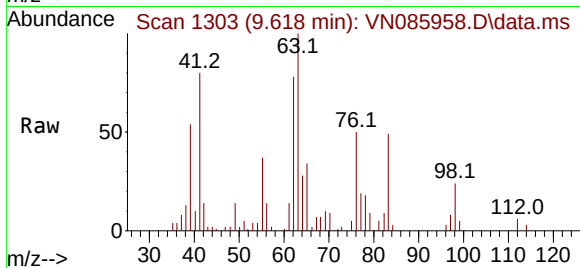
VN0312WBSD01

Tgt Ion: 63 Resp: 33997

Ion Ratio Lower Upper

63 100

65 34.3 25.1 37.7



#46

Dibromomethane

Concen: 20.782 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN085958.D

Acq: 12 Mar 2025 14:17

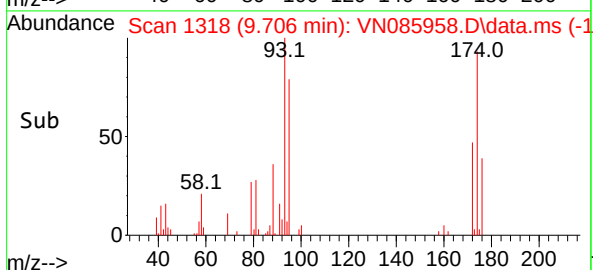
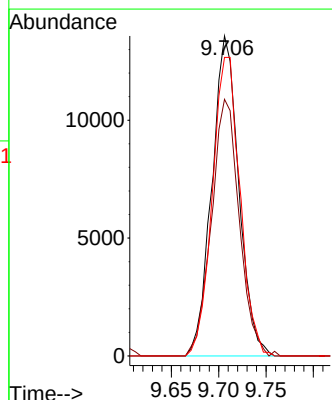
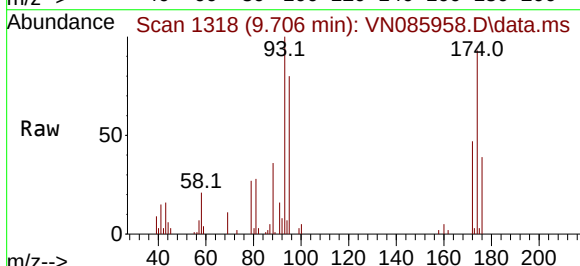
Tgt Ion: 93 Resp: 26863

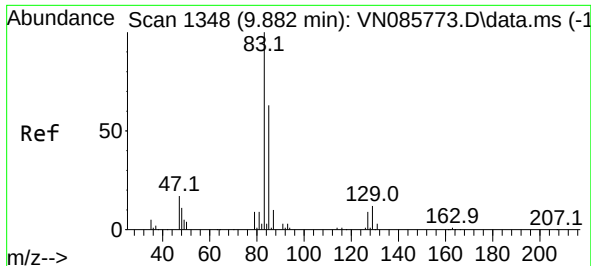
Ion Ratio Lower Upper

93 100

95 82.9 66.7 100.1

174 95.7 77.2 115.8

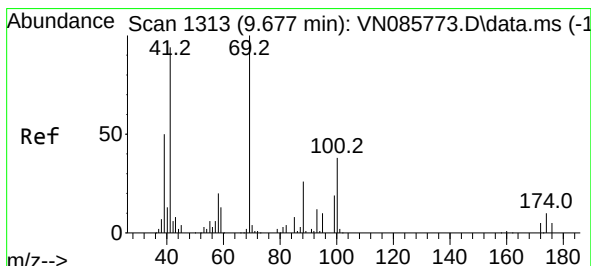
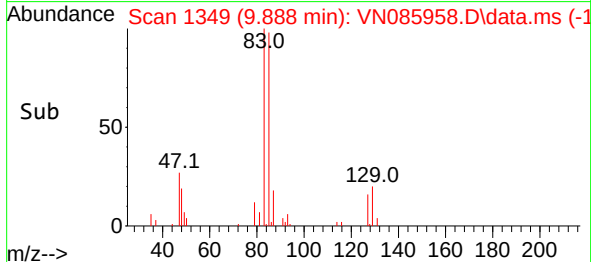
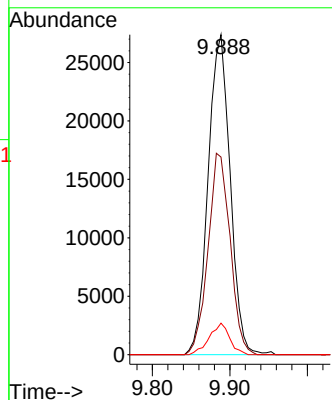
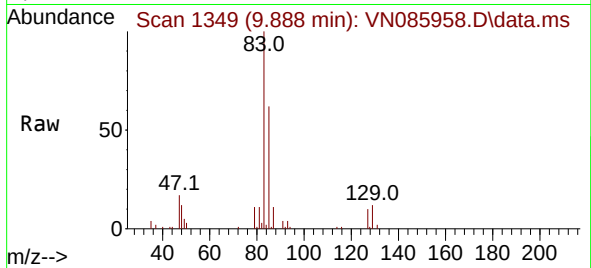




#47
 Bromodichloromethane
 Concen: 19.552 ug/l
 RT: 9.888 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VN085958.D
 Acq: 12 Mar 2025 14:17

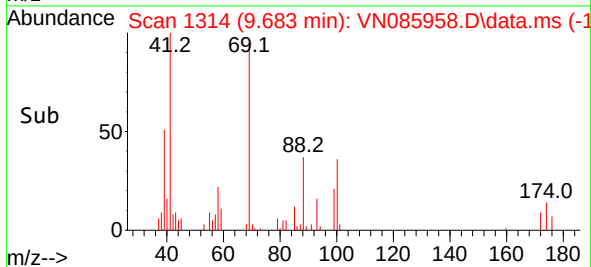
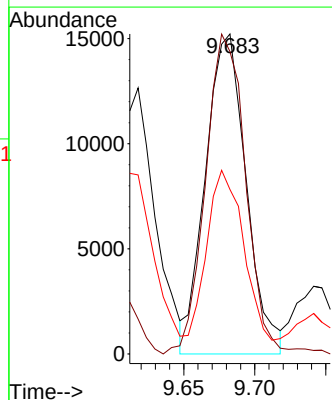
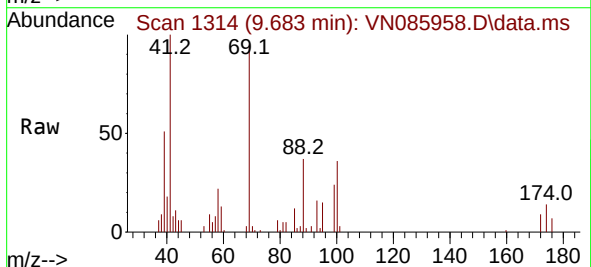
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312WBSD01

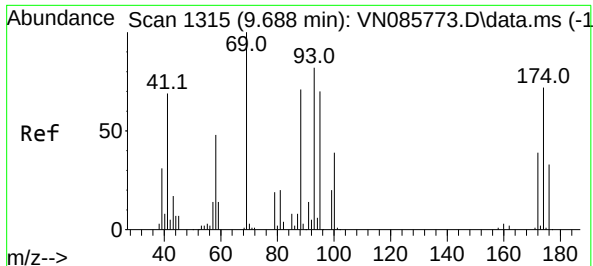
Tgt Ion: 83 Resp: 54072
 Ion Ratio Lower Upper
 83 100
 85 61.8 50.5 75.7
 127 9.9 7.2 10.8



#48
 Methyl methacrylate
 Concen: 20.976 ug/l
 RT: 9.683 min Scan# 1314
 Delta R.T. 0.006 min
 Lab File: VN085958.D
 Acq: 12 Mar 2025 14:17

Tgt Ion: 41 Resp: 30367
 Ion Ratio Lower Upper
 41 100
 69 98.7 76.0 114.0
 39 55.1 42.3 63.5





#49

1,4-Dioxane

Concen: 553.038 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.012 min

Lab File: VN085958.D

Acq: 12 Mar 2025 14:17

Instrument :

MSVOA_N

ClientSampleId :

VN0312WBSD01

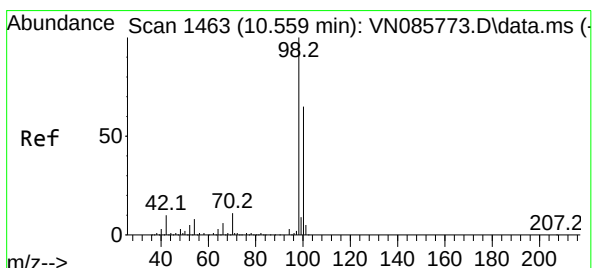
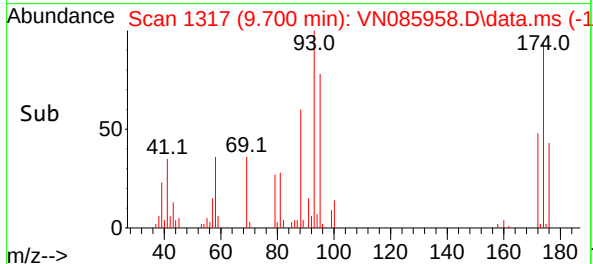
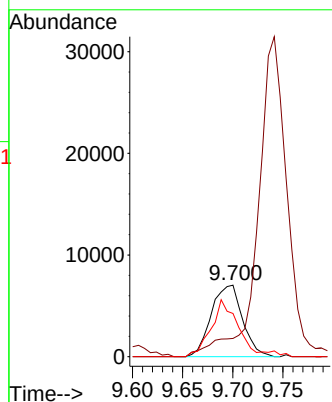
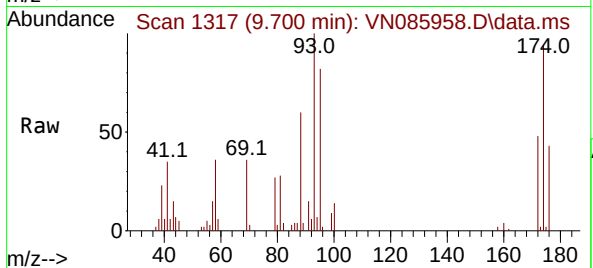
Tgt Ion: 88 Resp: 15225

Ion Ratio Lower Upper

88 100

43 0.0 18.6 27.8#

58 71.1 56.7 85.1



#50

Toluene-d8

Concen: 45.374 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085958.D

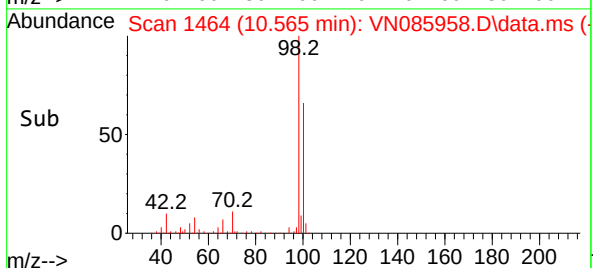
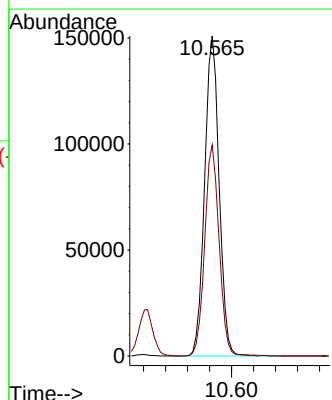
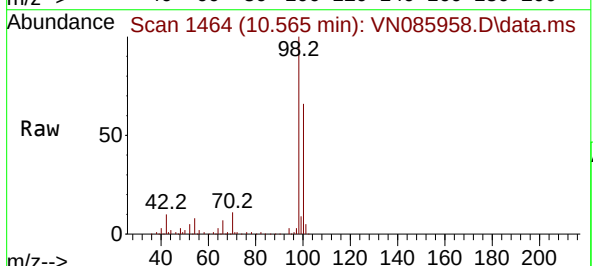
Acq: 12 Mar 2025 14:17

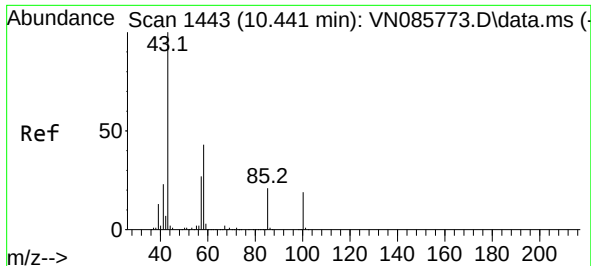
Tgt Ion: 98 Resp: 276303

Ion Ratio Lower Upper

98 100

100 65.3 52.1 78.1

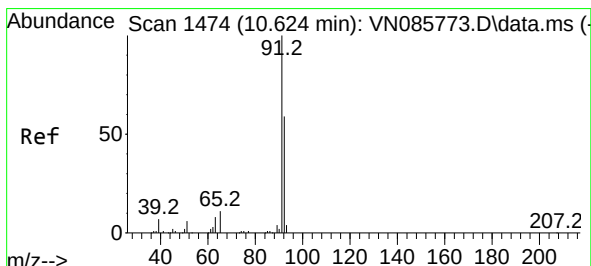
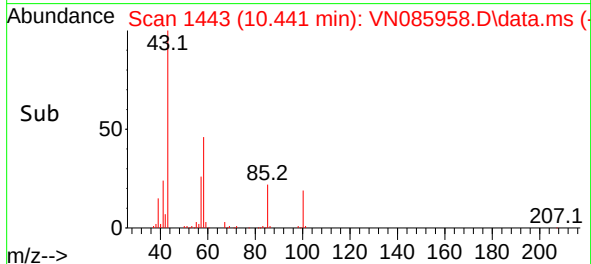
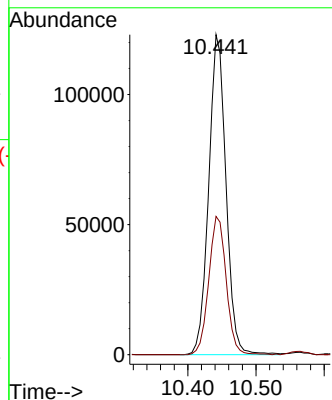
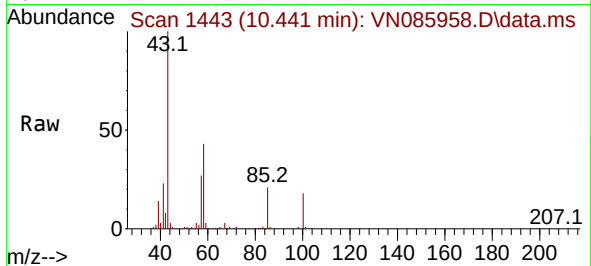




#51
4-Methyl-2-Pentanone
Concen: 115.375 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

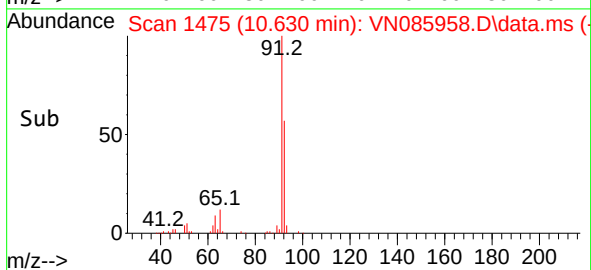
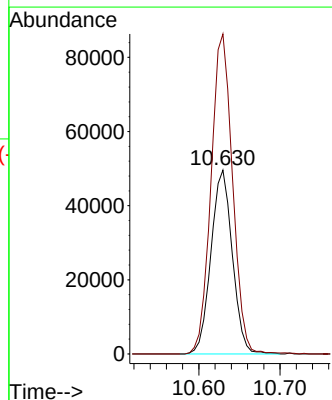
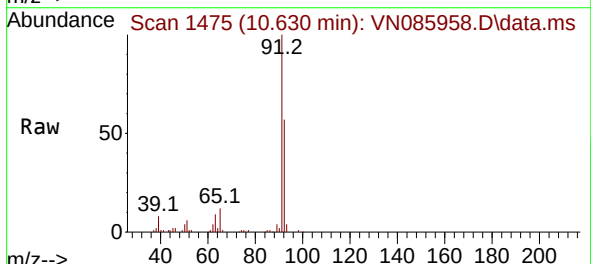
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

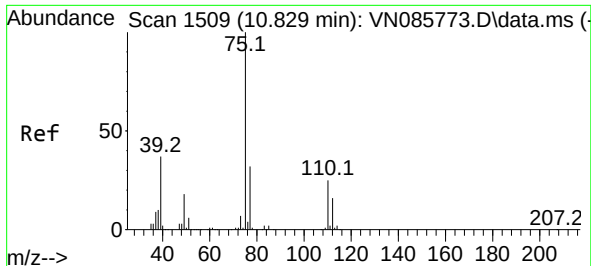
Tgt Ion: 43 Resp: 216839
Ion Ratio Lower Upper
43 100
58 43.6 34.6 52.0



#52
Toluene
Concen: 20.367 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

Tgt Ion: 92 Resp: 90640
Ion Ratio Lower Upper
92 100
91 175.4 136.9 205.3

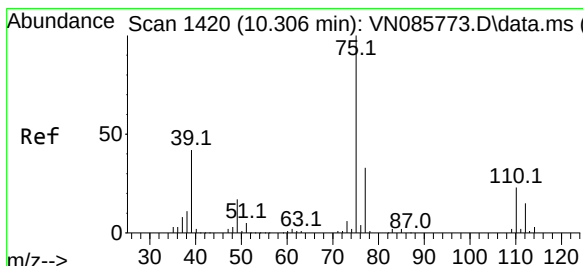
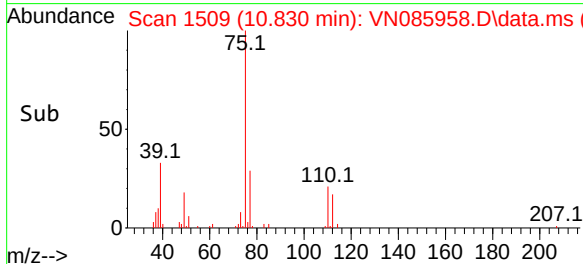
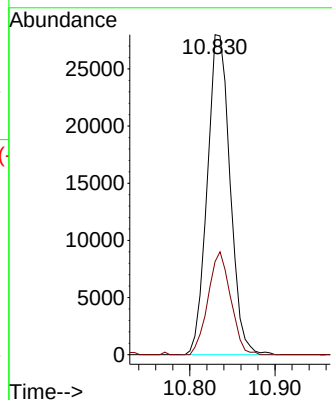
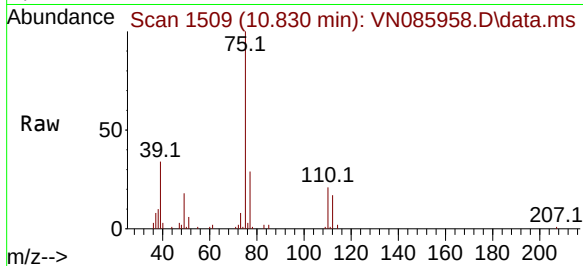




#53
t-1,3-Dichloropropene
Concen: 20.347 ug/l
RT: 10.830 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

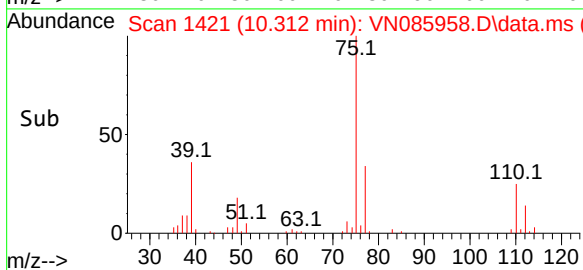
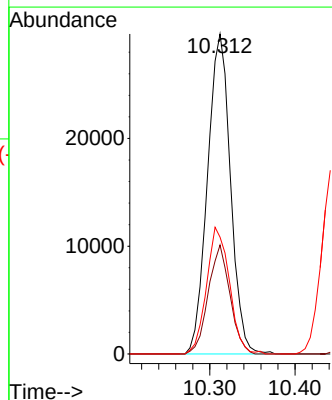
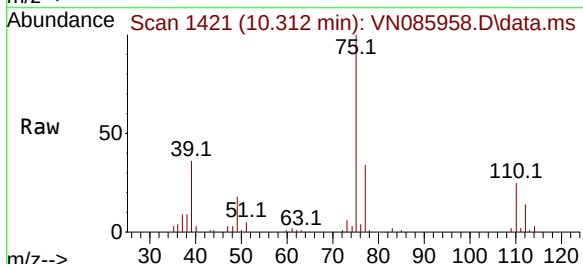
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

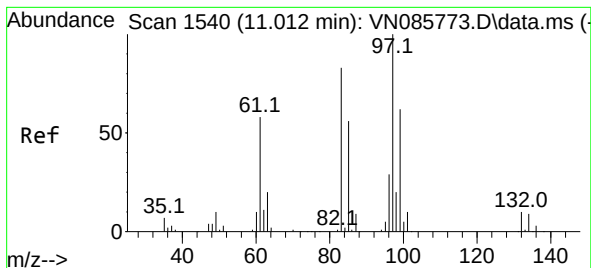
Tgt Ion: 75 Resp: 52033
Ion Ratio Lower Upper
75 100
77 29.1 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 19.860 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

Tgt Ion: 75 Resp: 55690
Ion Ratio Lower Upper
75 100
77 34.0 26.1 39.1
39 36.5 33.4 50.0





#55

1,1,2-Trichloroethane

Concen: 20.280 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. -0.000 min

Lab File: VN085958.D

Acq: 12 Mar 2025 14:17

Instrument :

MSVOA_N

ClientSampleId :

VN0312WBSD01

Tgt Ion: 97 Resp: 35884

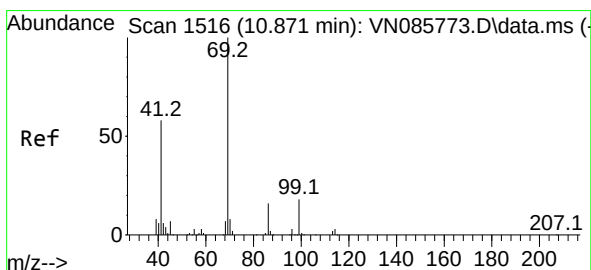
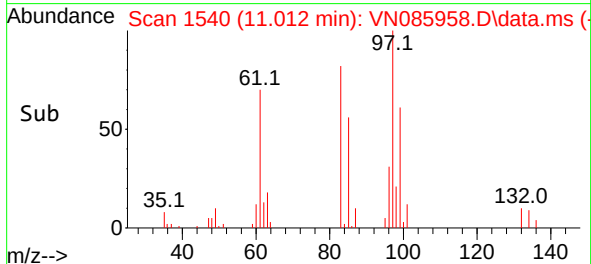
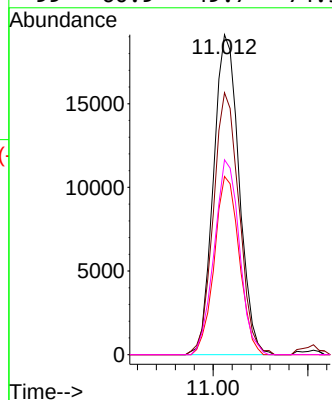
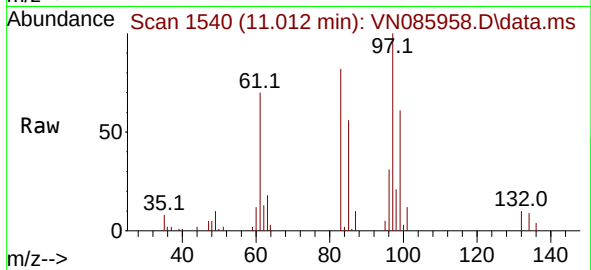
Ion Ratio Lower Upper

97 100

83 81.9 66.1 99.1

85 55.7 44.7 67.1

99 60.9 49.7 74.5



#56

Ethyl methacrylate

Concen: 20.883 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VN085958.D

Acq: 12 Mar 2025 14:17

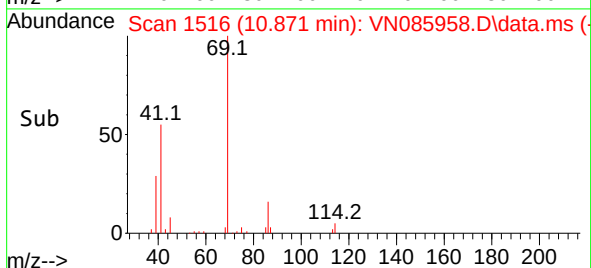
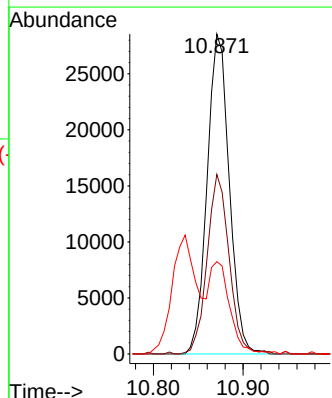
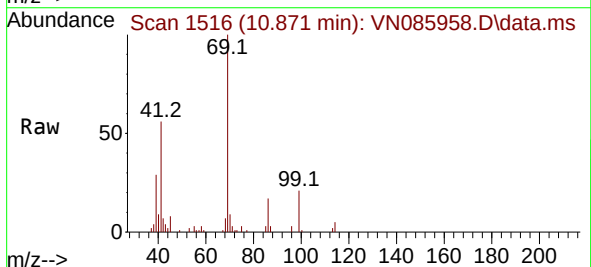
Tgt Ion: 69 Resp: 48963

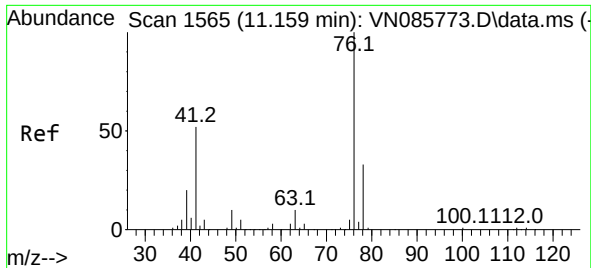
Ion Ratio Lower Upper

69 100

41 55.7 46.0 69.0

39 25.7 22.0 33.0

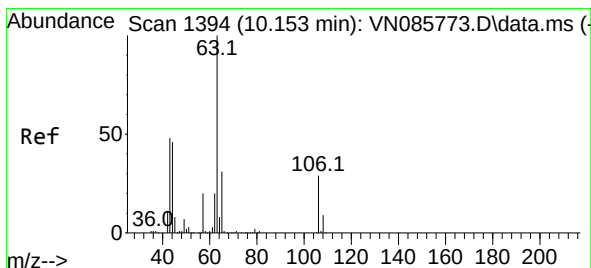
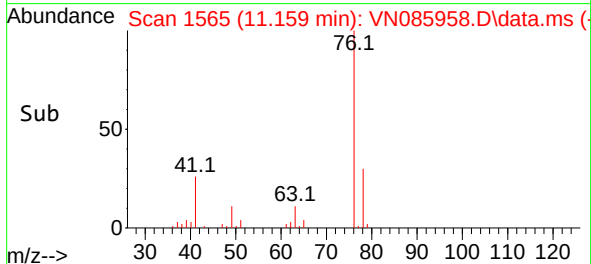
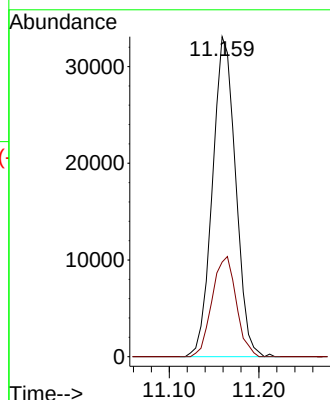
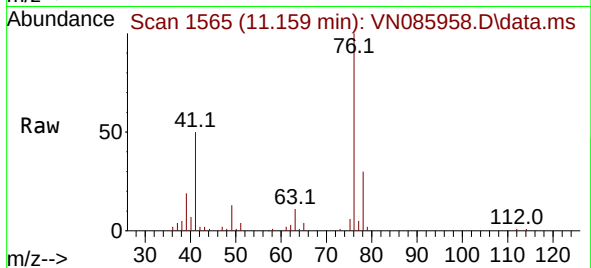




#57
1,3-Dichloropropane
Concen: 20.105 ug/l
RT: 11.159 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

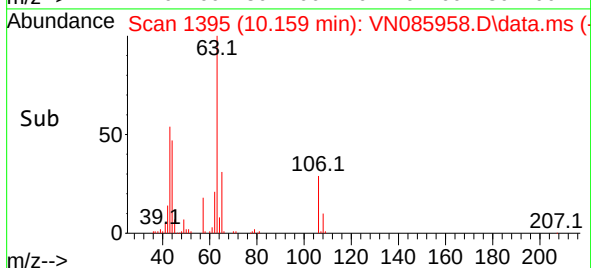
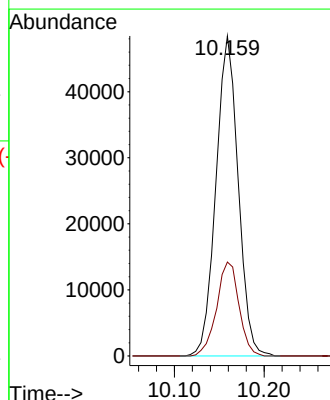
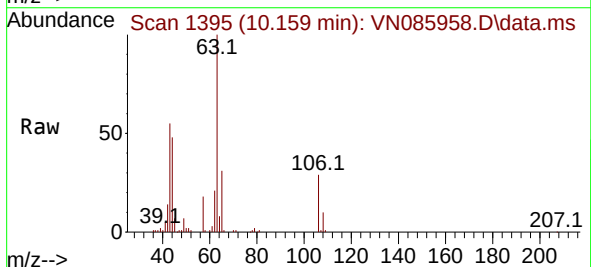
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

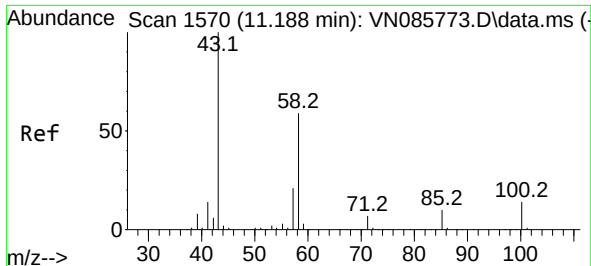
Tgt Ion: 76 Resp: 59385
Ion Ratio Lower Upper
76 100
78 32.5 25.9 38.9



#58
2-Chloroethyl Vinyl ether
Concen: 98.551 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

Tgt Ion: 63 Resp: 83221
Ion Ratio Lower Upper
63 100
106 29.6 22.7 34.1

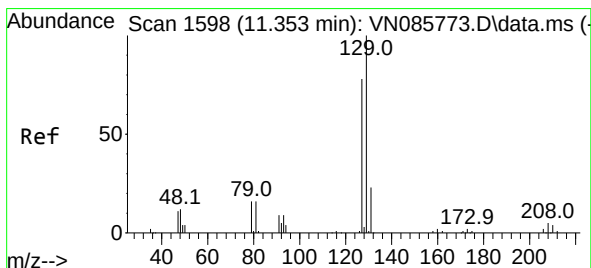
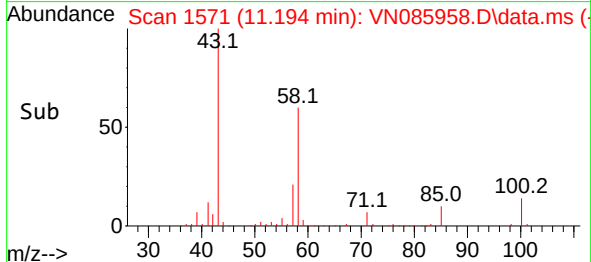
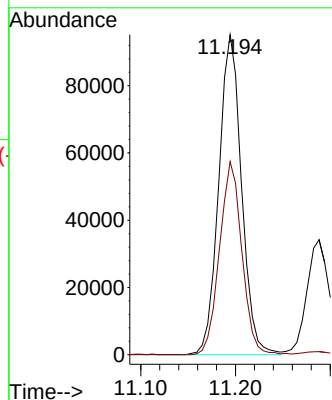
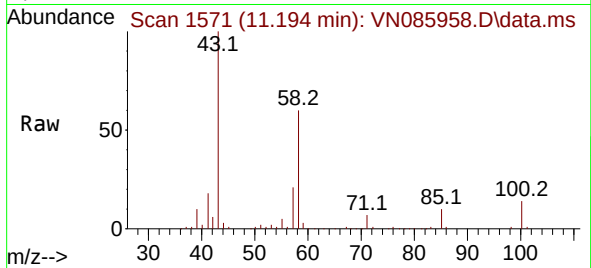




#59
2-Hexanone
Concen: 122.907 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

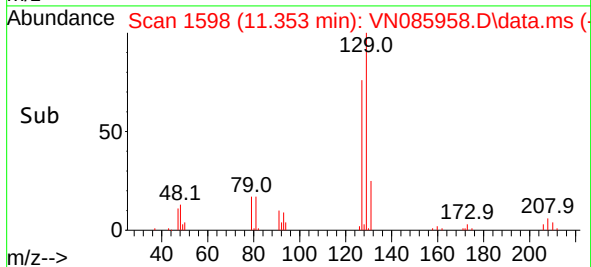
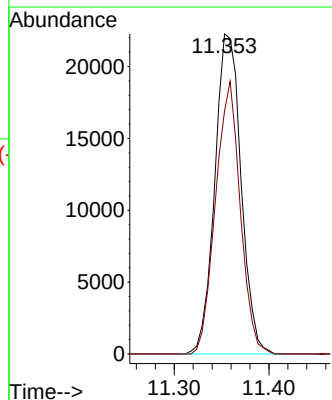
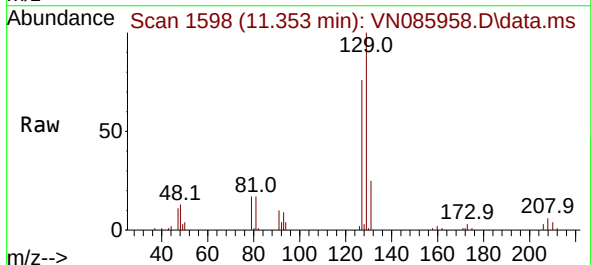
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

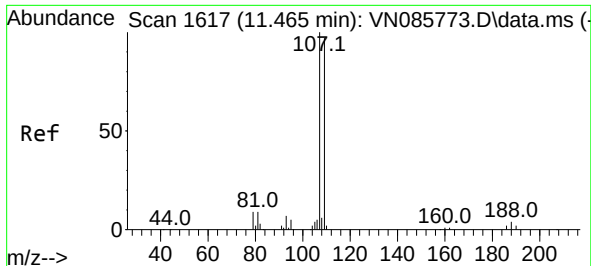
Tgt Ion: 43 Resp: 158912
Ion Ratio Lower Upper
43 100
58 59.3 29.8 89.5



#60
Dibromochloromethane
Concen: 20.837 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

Tgt Ion:129 Resp: 42932
Ion Ratio Lower Upper
129 100
127 80.0 39.1 117.5

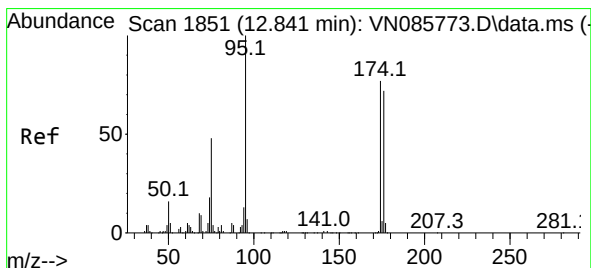
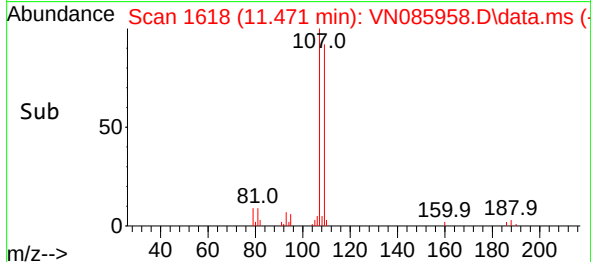
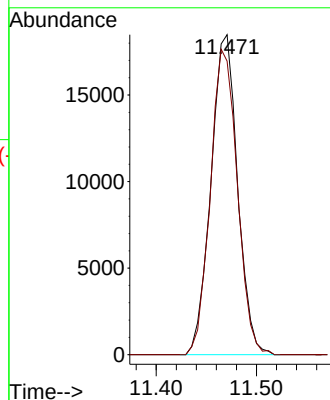
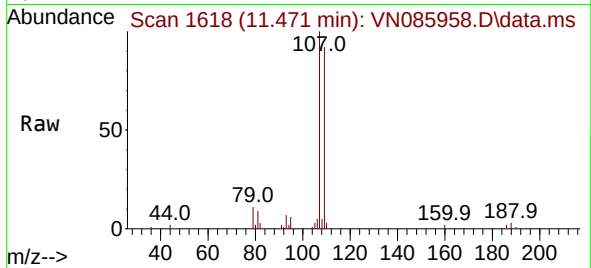




#61
1,2-Dibromoethane
Concen: 20.421 ug/l
RT: 11.471 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

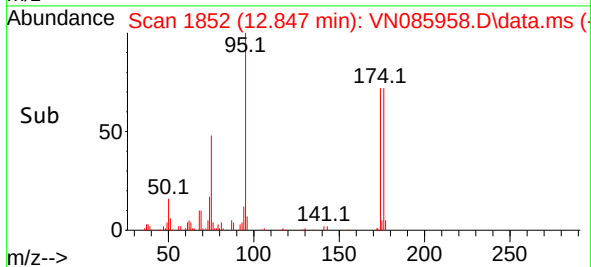
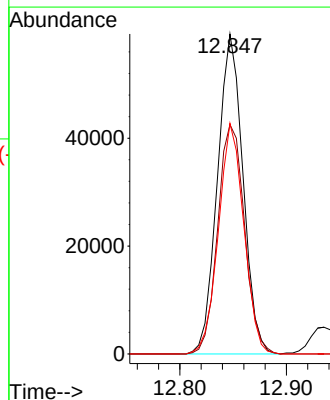
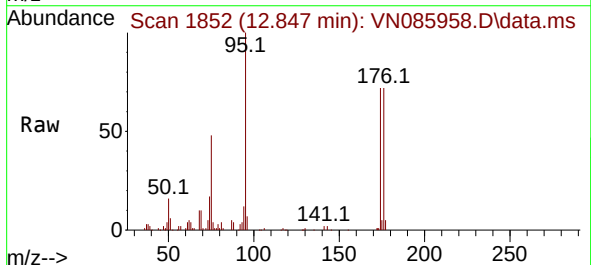
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

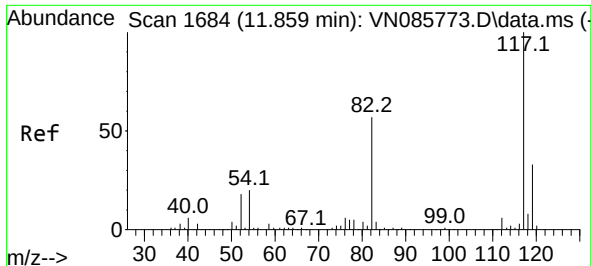
Tgt Ion:107 Resp: 34141
Ion Ratio Lower Upper
107 100
109 96.5 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 49.071 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

Tgt Ion: 95 Resp: 98454
Ion Ratio Lower Upper
95 100
174 75.5 0.0 152.4
176 71.9 0.0 146.6

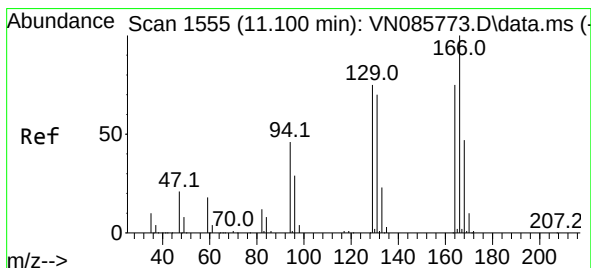
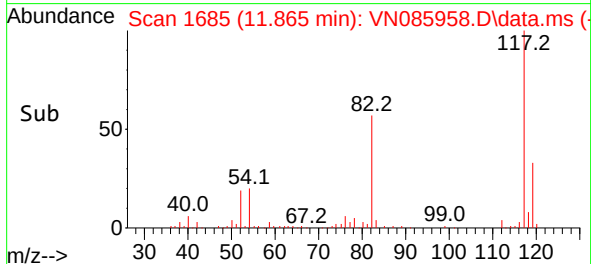
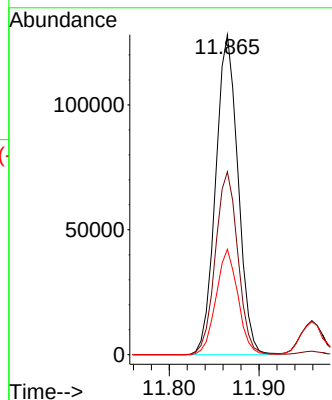
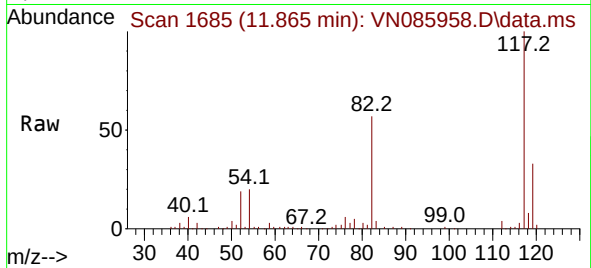




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

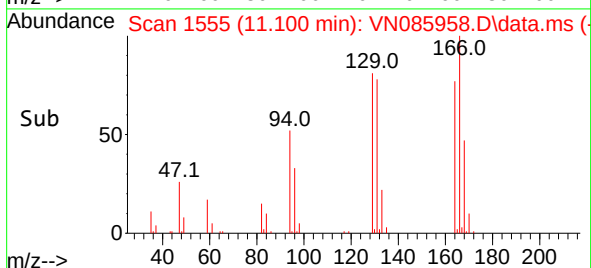
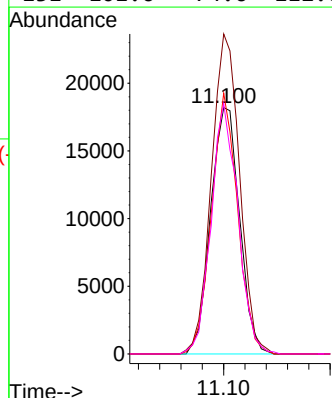
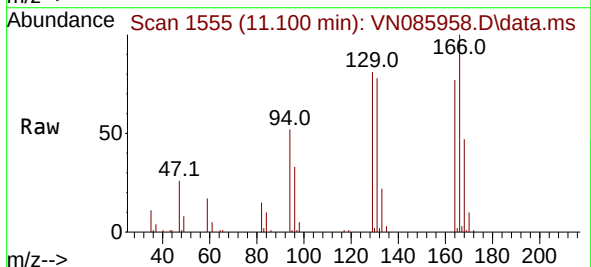
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

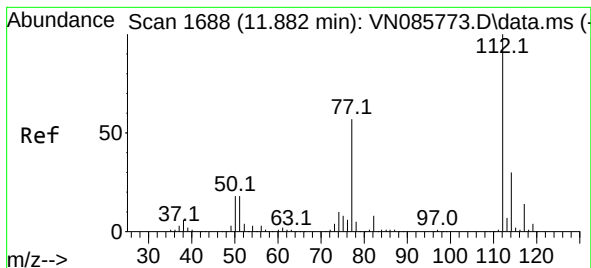
Tgt Ion:117 Resp: 222121
Ion Ratio Lower Upper
117 100
82 57.1 45.7 68.5
119 33.0 26.2 39.2



#64
Tetrachloroethene
Concen: 19.851 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

Tgt Ion:164 Resp: 34160
Ion Ratio Lower Upper
164 100
166 129.8 107.2 160.8
129 105.8 80.7 121.1
131 101.6 74.6 112.0

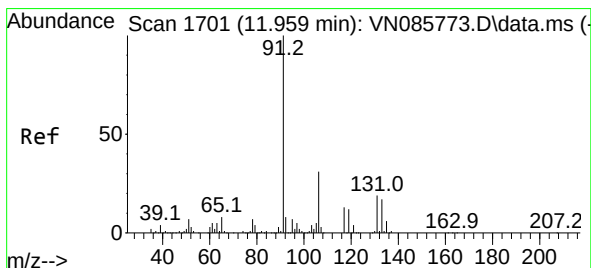
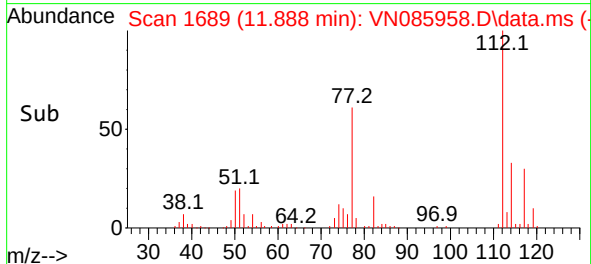
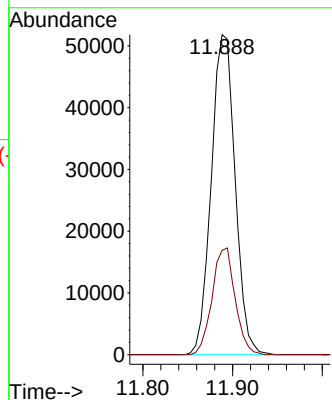
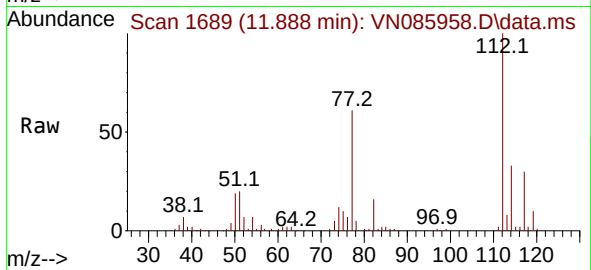




#65
Chlorobenzene
Concen: 18.827 ug/l
RT: 11.888 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

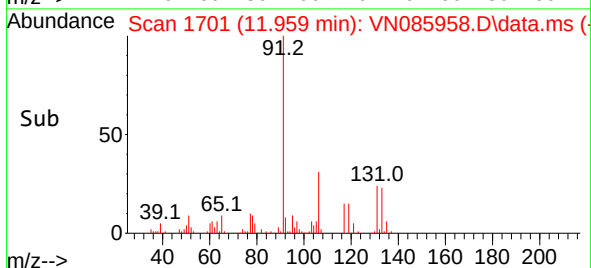
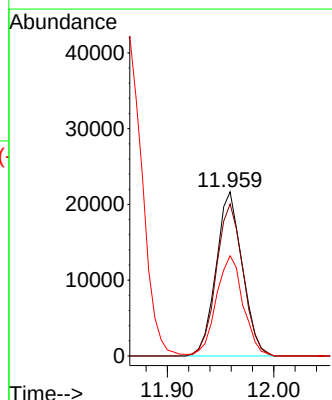
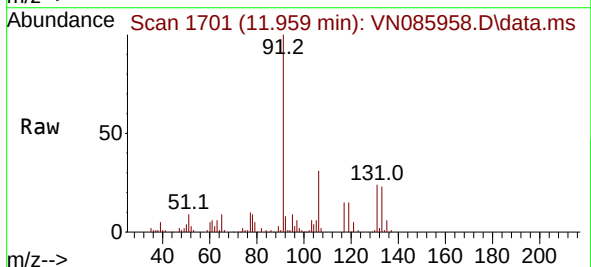
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

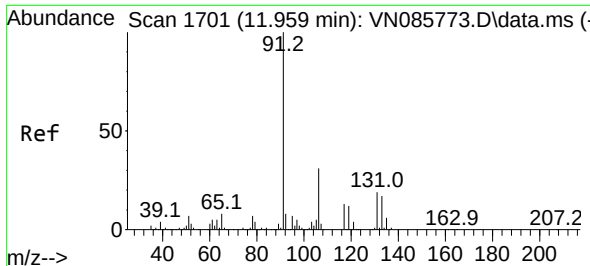
Tgt Ion:112 Resp: 95801
Ion Ratio Lower Upper
112 100
114 32.6 24.3 36.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.228 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

Tgt Ion:131 Resp: 36997
Ion Ratio Lower Upper
131 100
133 94.9 47.7 143.1
119 62.7 33.3 99.8

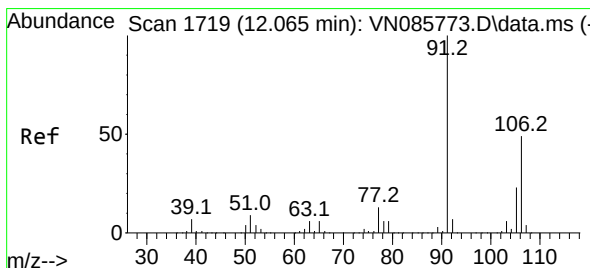
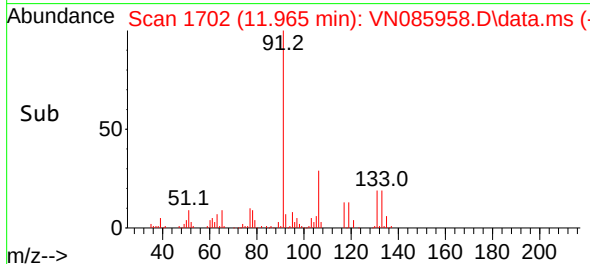
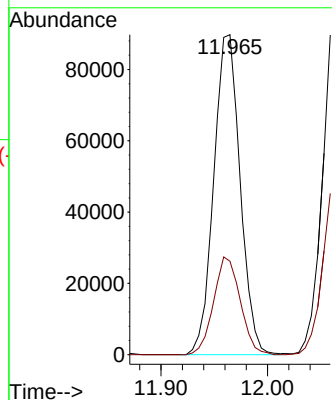
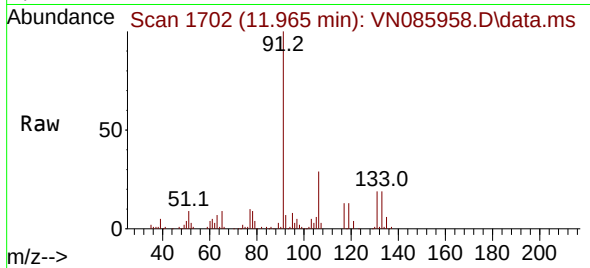




#67
Ethyl Benzene
Concen: 19.373 ug/l
RT: 11.965 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

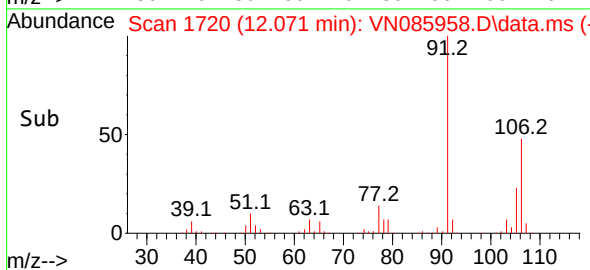
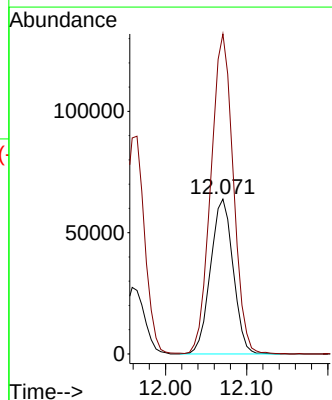
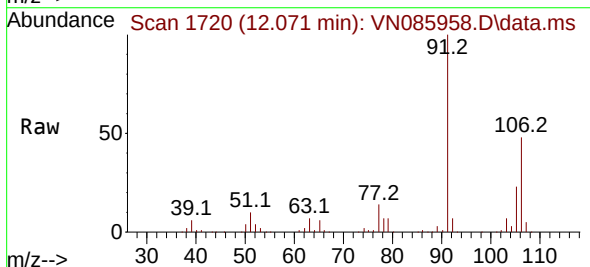
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

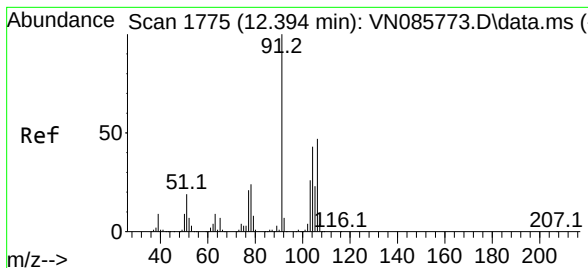
Tgt Ion: 91 Resp: 154418
Ion Ratio Lower Upper
91 100
106 29.2 24.7 37.1



#68
m/p-Xylenes
Concen: 40.799 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

Tgt Ion:106 Resp: 123526
Ion Ratio Lower Upper
106 100
91 205.2 163.3 244.9





#69

o-Xylene

Concen: 20.115 ug/l

RT: 12.394 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN085958.D

Acq: 12 Mar 2025 14:17

Instrument :

MSVOA_N

ClientSampleId :

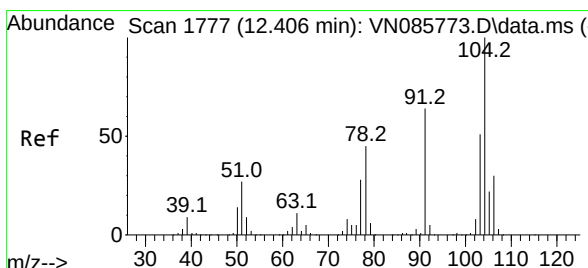
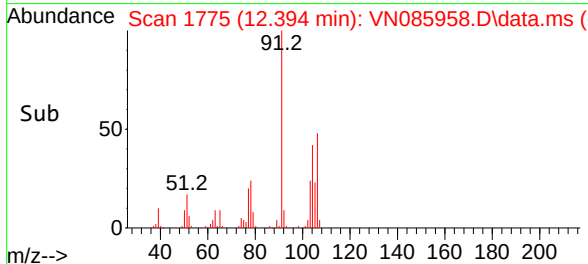
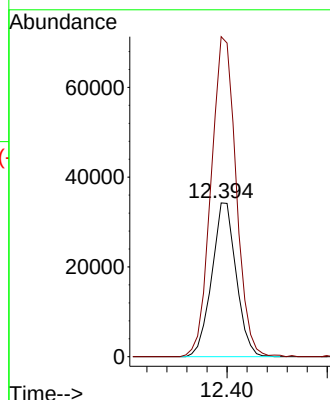
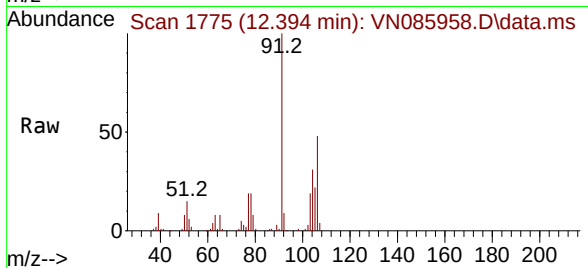
VN0312WBSD01

Tgt Ion:106 Resp: 57874

Ion Ratio Lower Upper

106 100

91 214.1 107.1 321.4



#70

Styrene

Concen: 19.957 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VN085958.D

Acq: 12 Mar 2025 14:17

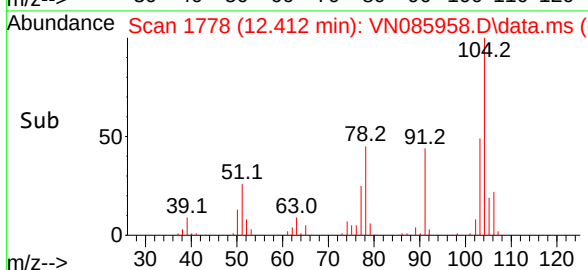
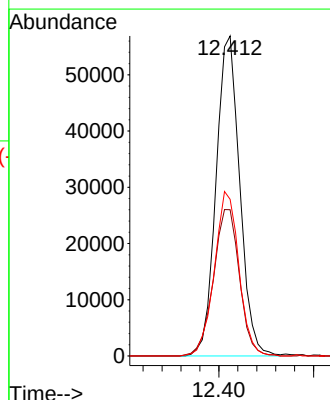
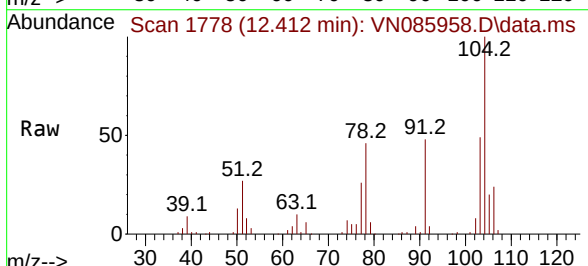
Tgt Ion:104 Resp: 98972

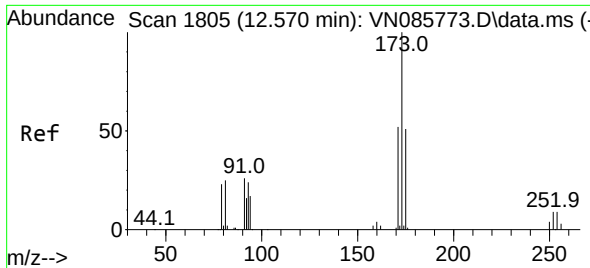
Ion Ratio Lower Upper

104 100

78 50.3 39.0 58.6

103 53.2 43.3 64.9

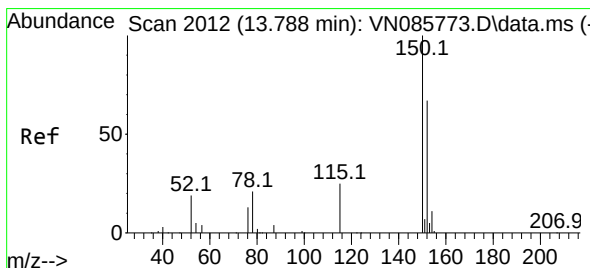
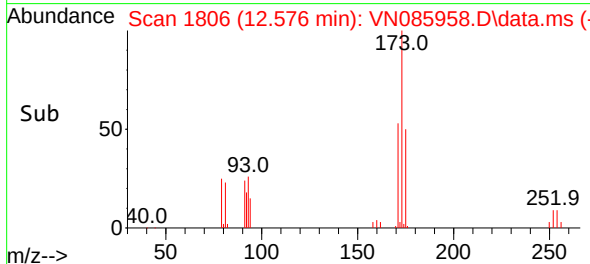
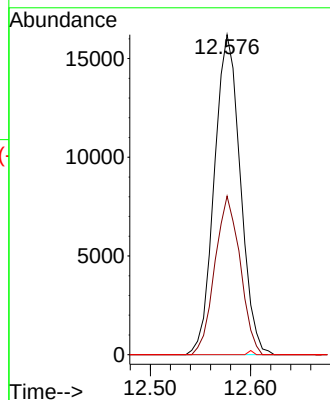
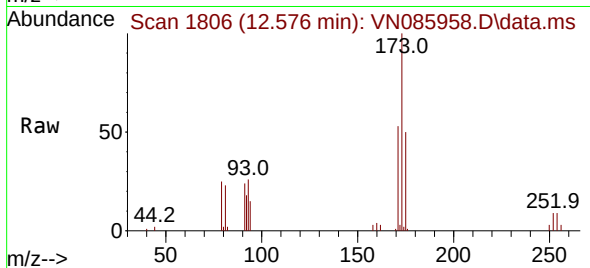




#71
Bromoform
Concen: 21.437 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.006 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

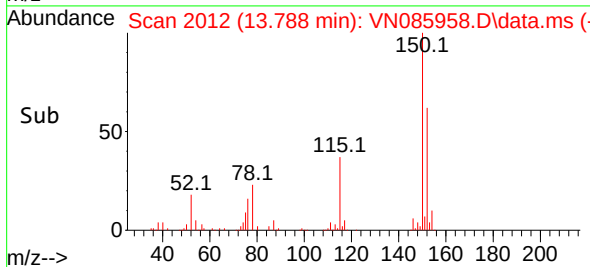
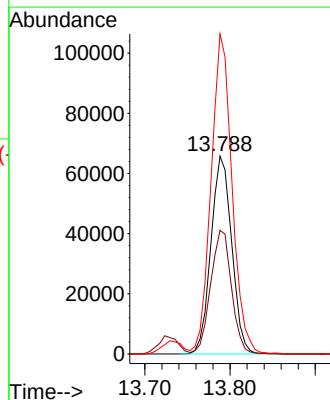
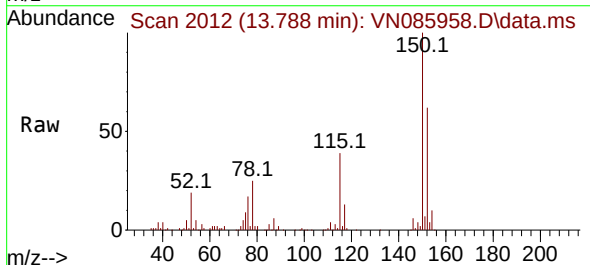
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

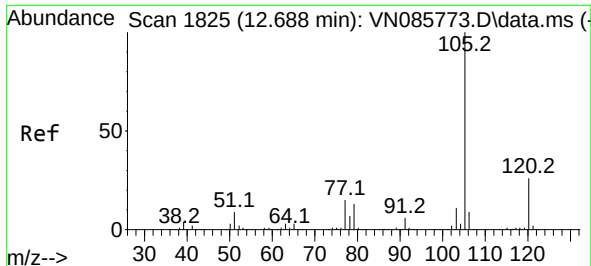
Tgt Ion:173 Resp: 29133
Ion Ratio Lower Upper
173 100
175 48.2 25.1 75.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

Tgt Ion:152 Resp: 111510
Ion Ratio Lower Upper
152 100
115 62.7 30.4 91.3
150 162.8 0.0 345.4

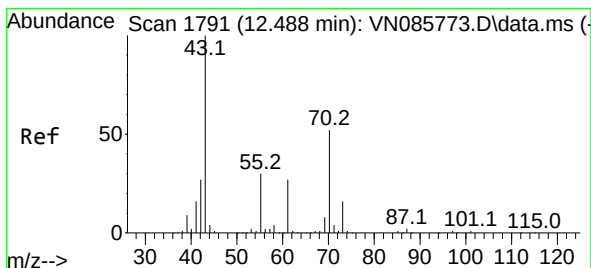
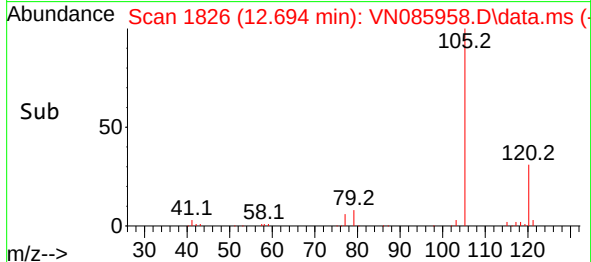
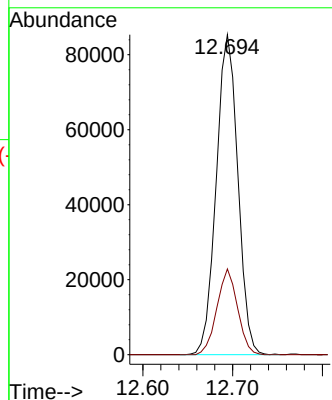
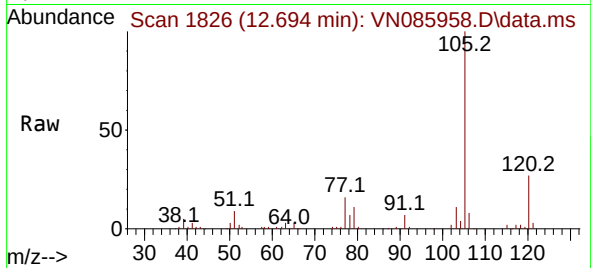




#73
Isopropylbenzene
Concen: 18.673 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

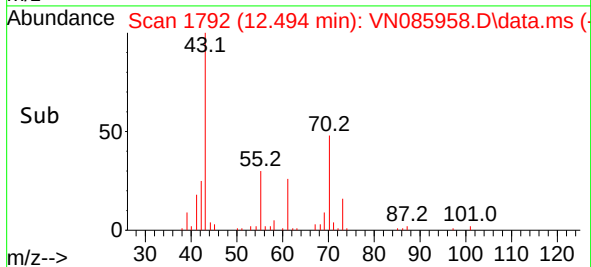
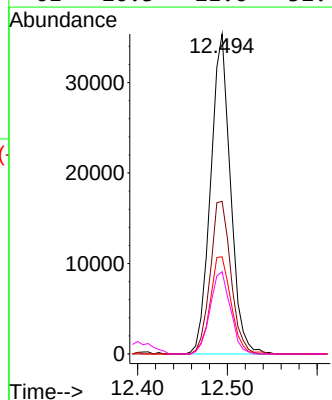
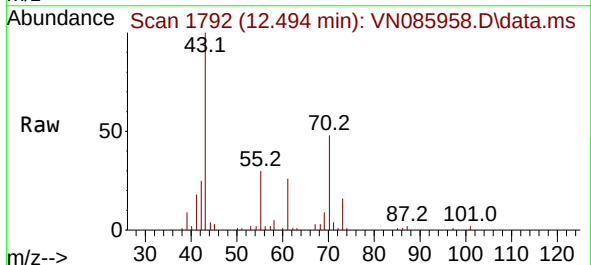
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

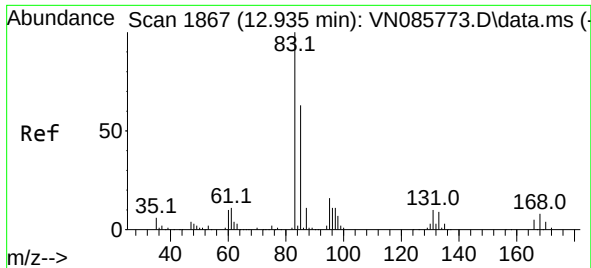
Tgt Ion:105 Resp: 142652
Ion Ratio Lower Upper
105 100
120 25.5 13.0 39.0



#74
N-ethyl acetate
Concen: 20.146 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

Tgt Ion: 43 Resp: 54273
Ion Ratio Lower Upper
43 100
70 49.4 41.0 61.4
55 32.1 24.6 36.8
61 26.3 21.6 32.4

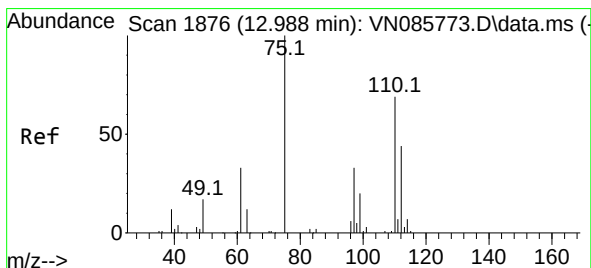
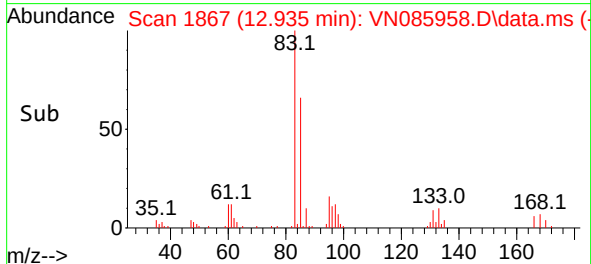
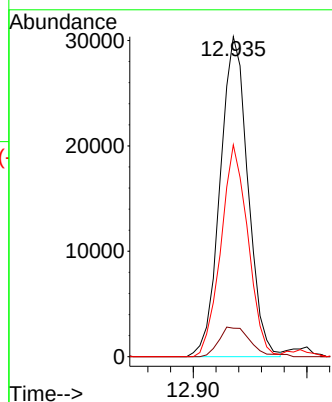
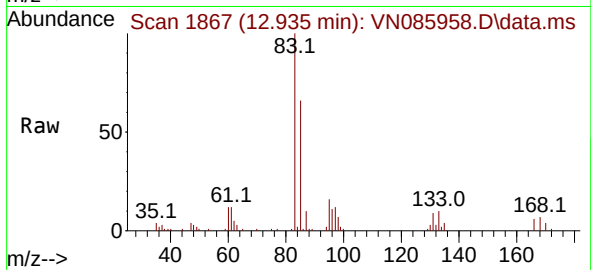




#75
1,1,2,2-Tetrachloroethane
Concen: 19.605 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

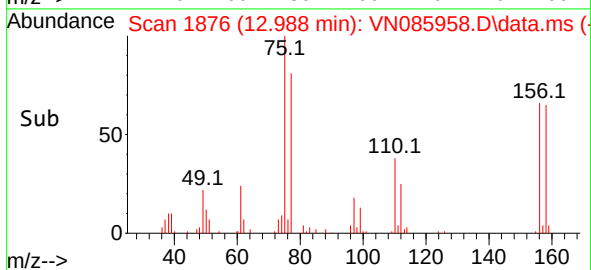
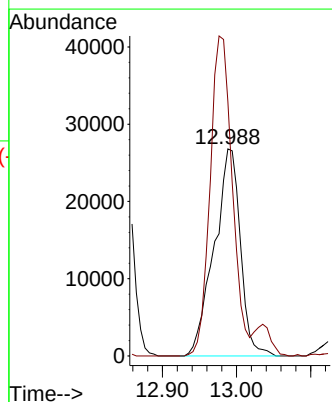
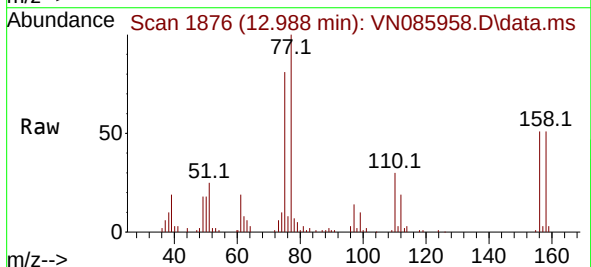
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

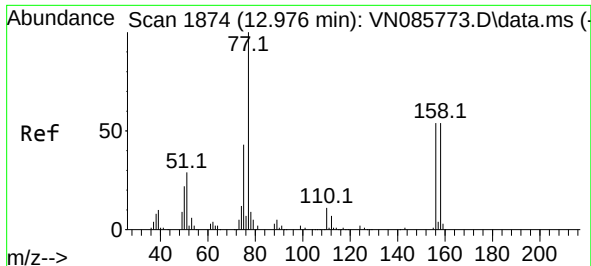
Tgt Ion: 83 Resp: 51539
Ion Ratio Lower Upper
83 100
131 10.5 5.0 15.0
85 64.6 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 26.592 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

Tgt Ion: 75 Resp: 65868
Ion Ratio Lower Upper
75 100
77 130.6 100.0 300.0

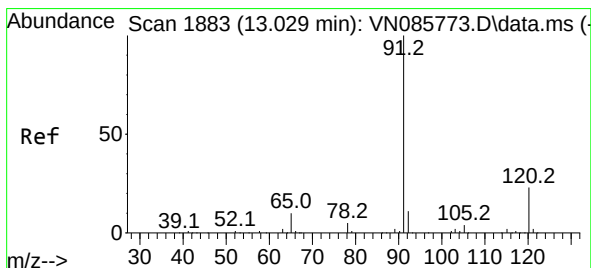
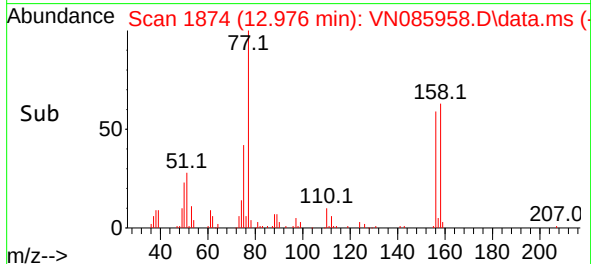
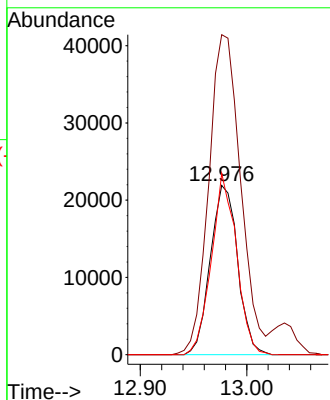
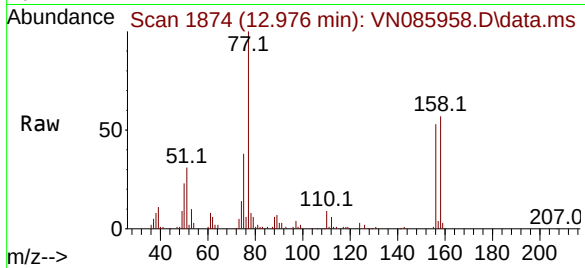




#77
Bromobenzene
Concen: 18.941 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

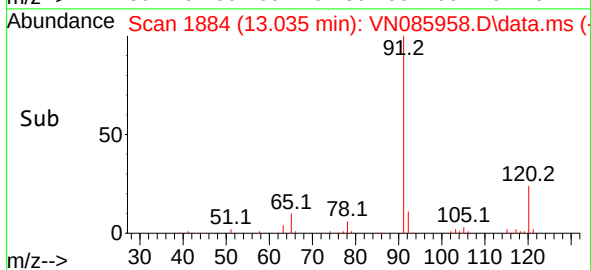
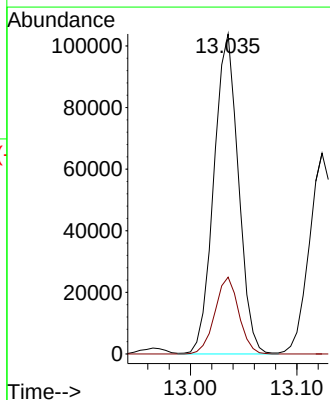
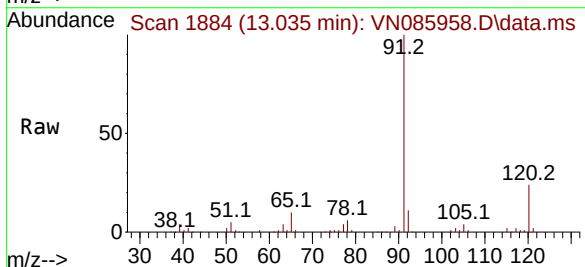
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

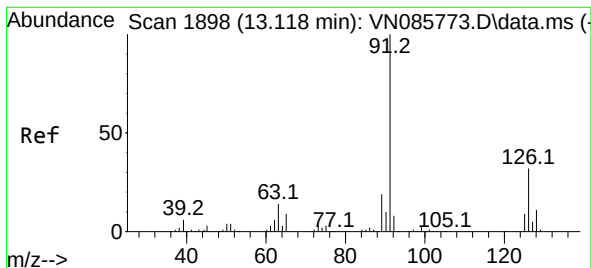
Tgt Ion:156 Resp: 39093
Ion Ratio Lower Upper
156 100
77 220.1 104.1 312.3
158 98.2 48.1 144.4



#78
n-propylbenzene
Concen: 19.008 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

Tgt Ion: 91 Resp: 166303
Ion Ratio Lower Upper
91 100
120 23.2 11.3 33.8





#79

2-Chlorotoluene

Concen: 18.774 ug/l

RT: 13.124 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VN085958.D

Acq: 12 Mar 2025 14:17

Instrument :

MSVOA_N

ClientSampleId :

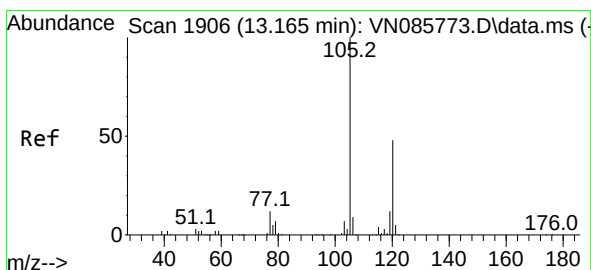
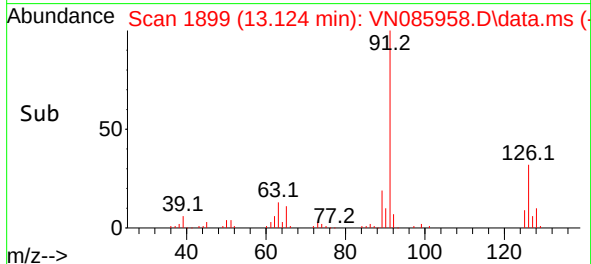
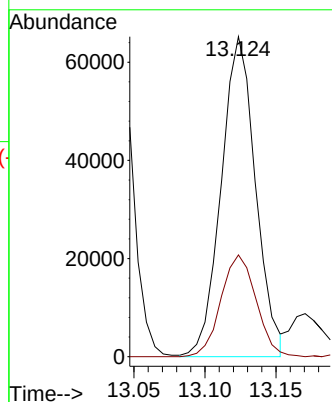
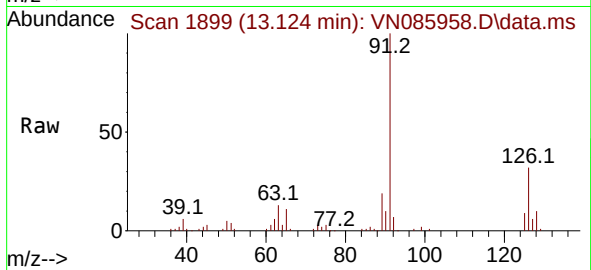
VN0312WBSD01

Tgt Ion: 91 Resp: 109748

Ion Ratio Lower Upper

91 100

126 32.5 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 19.760 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VN085958.D

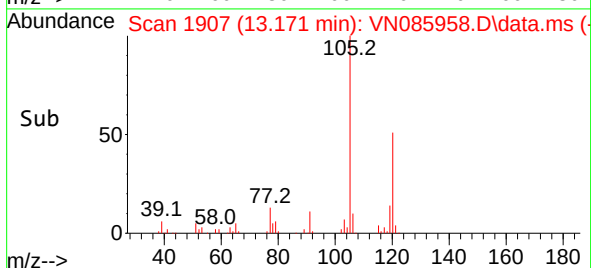
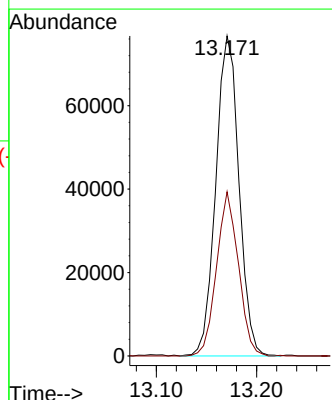
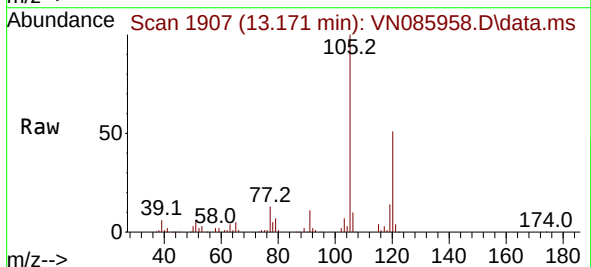
Acq: 12 Mar 2025 14:17

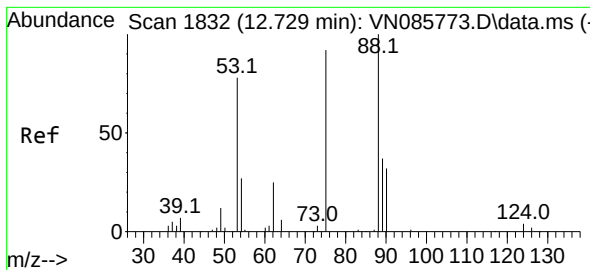
Tgt Ion:105 Resp: 122966

Ion Ratio Lower Upper

105 100

120 48.4 24.3 72.9

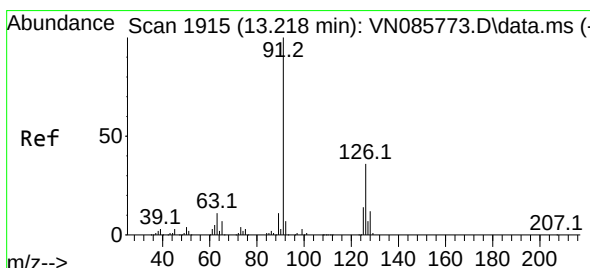
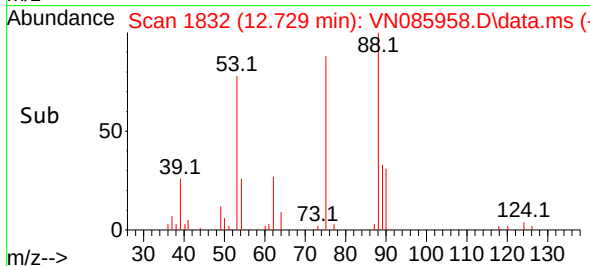
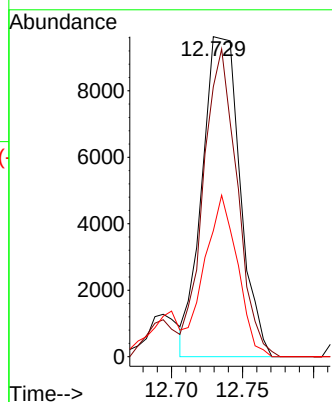
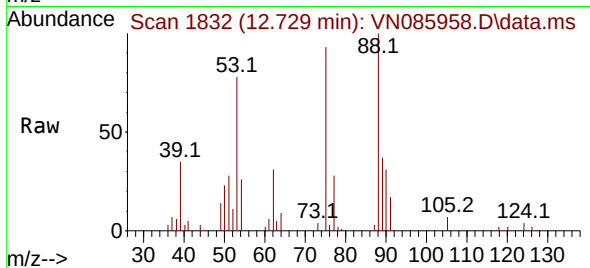




#81
trans-1,4-Dichloro-2-butene
Concen: 21.084 ug/l
RT: 12.729 min Scan# 1832
Delta R.T. 0.000 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

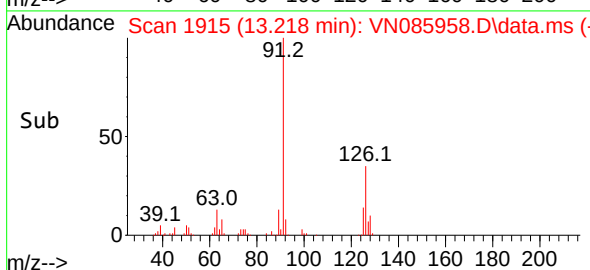
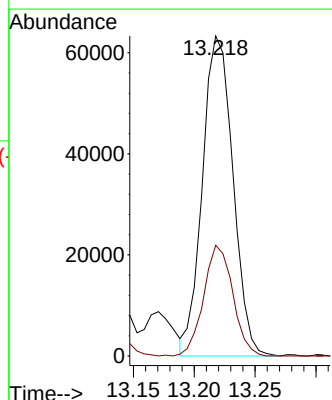
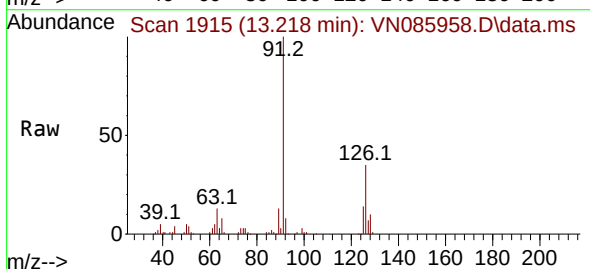
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

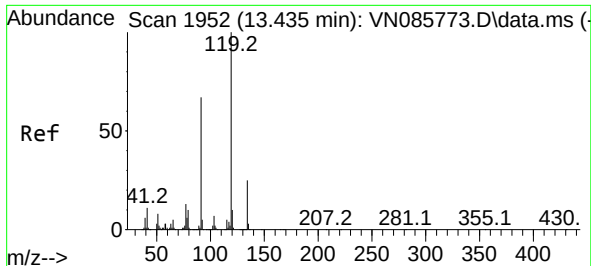
Tgt Ion	Ratio	Lower	Upper
75	100		
53	85.6	74.2	111.4
89	44.4	34.9	52.3



#82
4-Chlorotoluene
Concen: 19.075 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.4	49.4

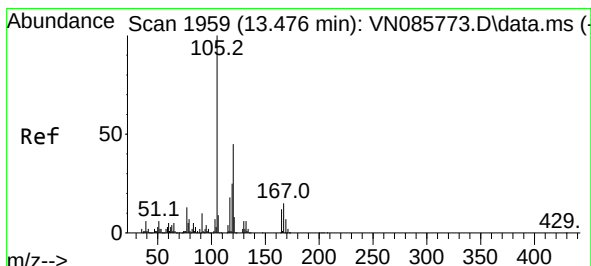
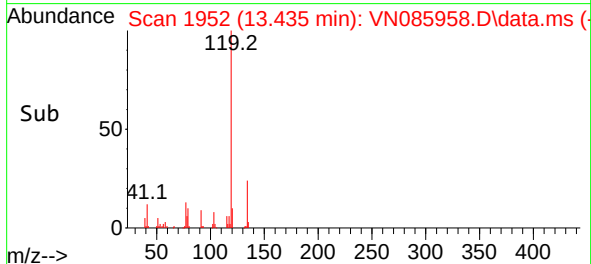
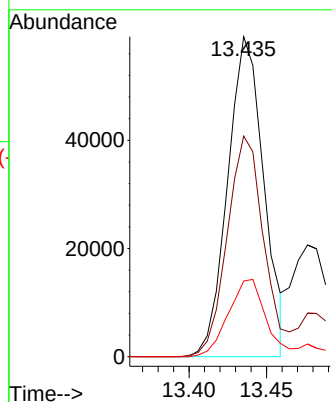
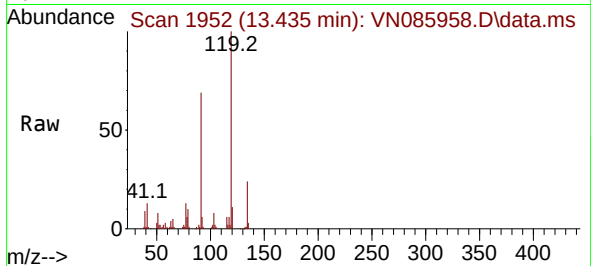




#83
tert-Butylbenzene
Concen: 18.320 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

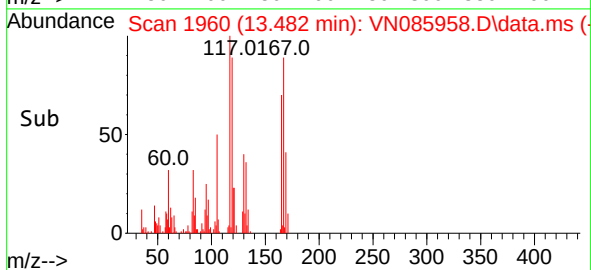
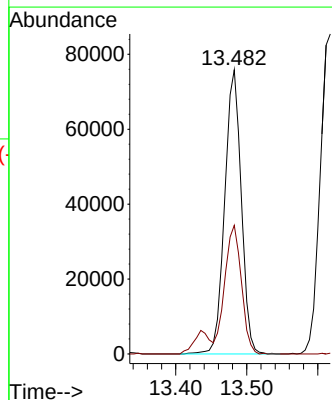
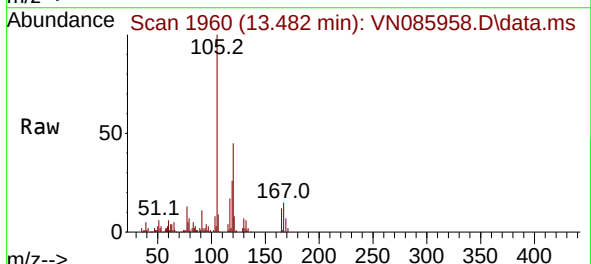
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

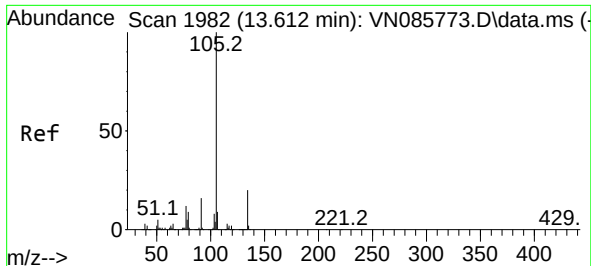
Tgt Ion:119 Resp: 95870
Ion Ratio Lower Upper
119 100
91 70.2 32.5 97.5
134 25.5 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 19.883 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

Tgt Ion:105 Resp: 122421
Ion Ratio Lower Upper
105 100
120 45.6 22.4 67.3

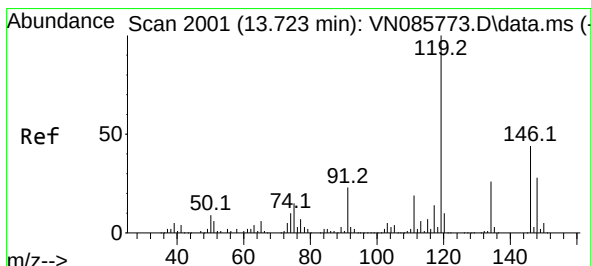
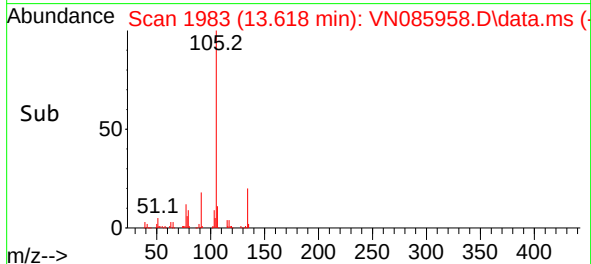
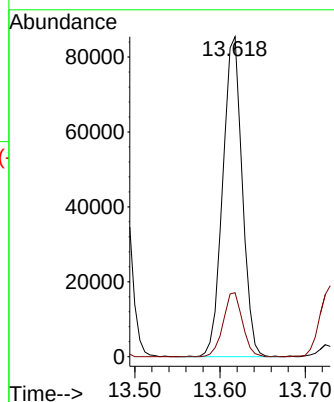
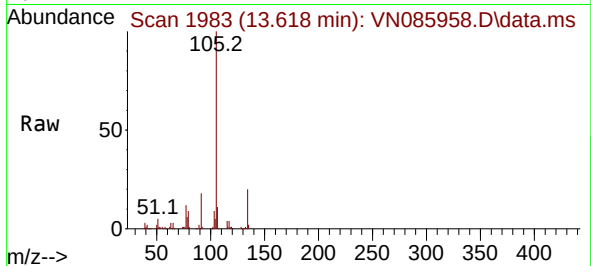




#85
 sec-Butylbenzene
 Concen: 18.366 ug/l
 RT: 13.618 min Scan# 1982
 Delta R.T. 0.006 min
 Lab File: VN085958.D
 Acq: 12 Mar 2025 14:17

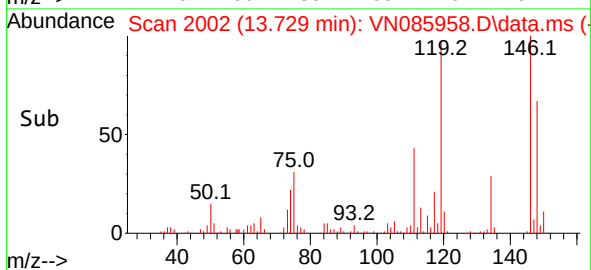
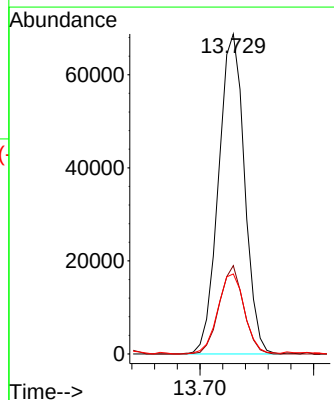
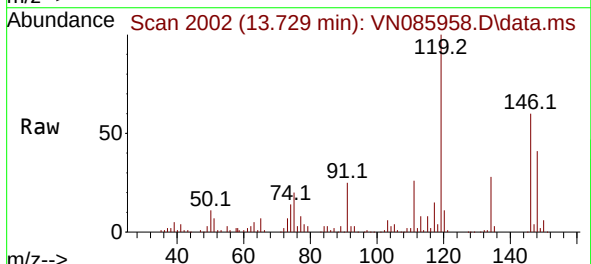
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312WBSD01

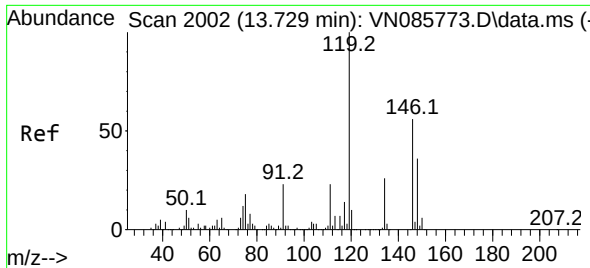
Tgt Ion:105 Resp: 135795
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 17.386 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085958.D
 Acq: 12 Mar 2025 14:17

Tgt Ion:119 Resp: 109045
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 39.0
 91 25.9 11.7 35.1

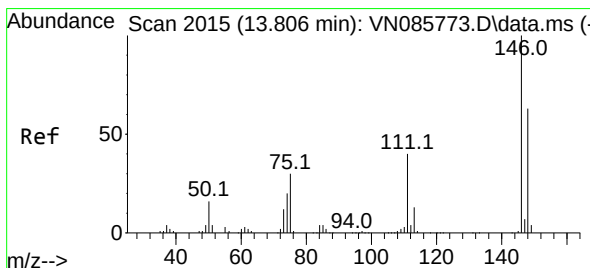
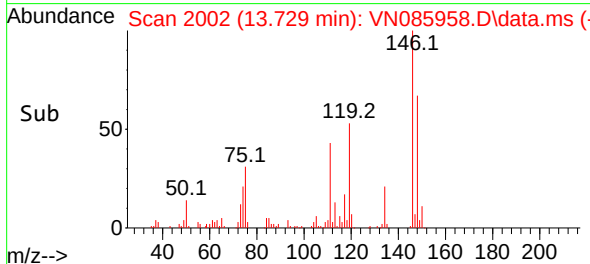
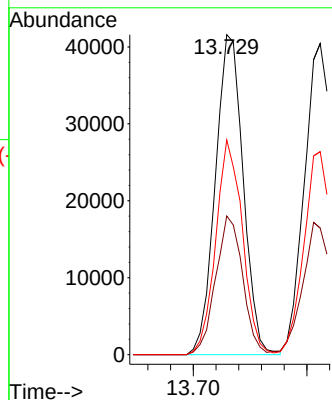
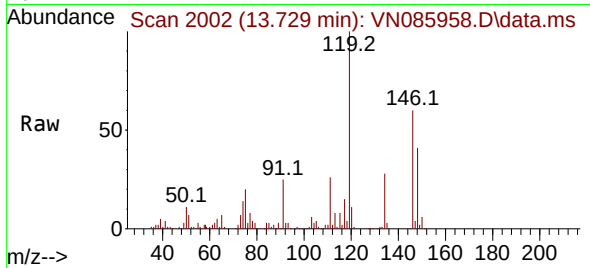




#87
 1,3-Dichlorobenzene
 Concen: 18.323 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN085958.D
 Acq: 12 Mar 2025 14:17

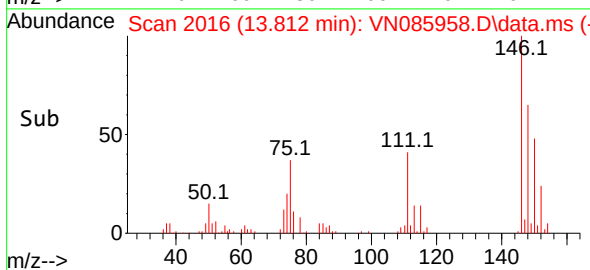
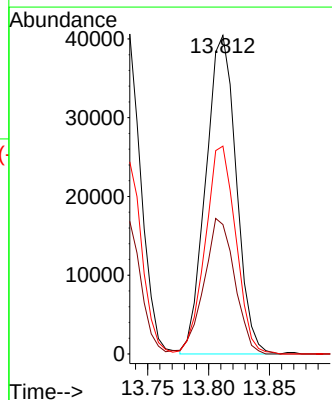
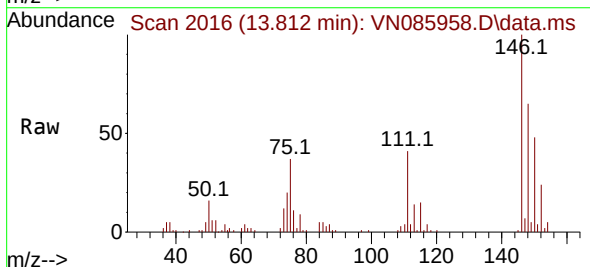
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312WBSD01

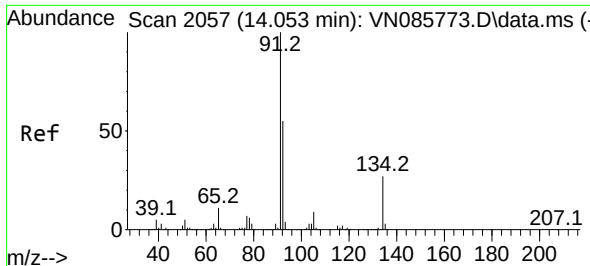
Tgt Ion:	146	Resp:	70853
Ion Ratio	Lower	Upper	
146	100		
111	42.1	21.1	63.3
148	64.4	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 17.725 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.006 min
 Lab File: VN085958.D
 Acq: 12 Mar 2025 14:17

Tgt Ion:	146	Resp:	70251
Ion Ratio	Lower	Upper	
146	100		
111	43.1	20.4	61.3
148	65.6	31.8	95.4

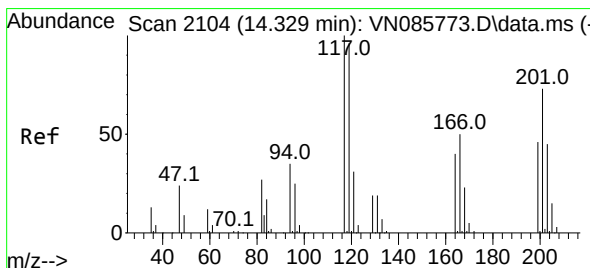
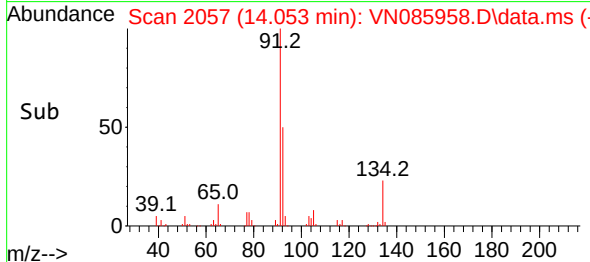
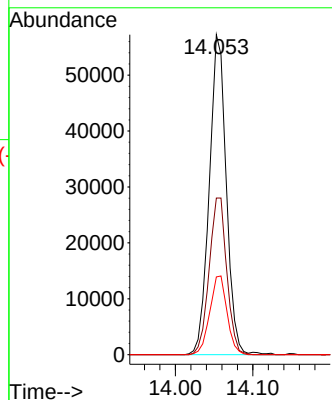
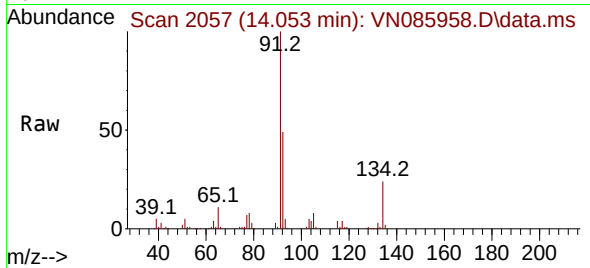




#89
n-Butylbenzene
Concen: 16.605 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

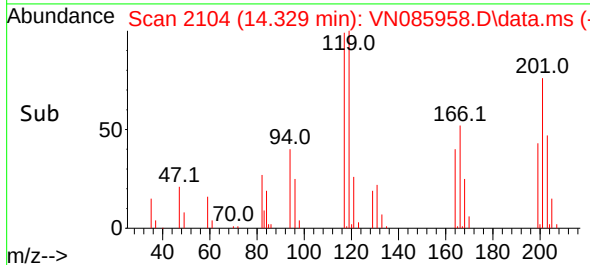
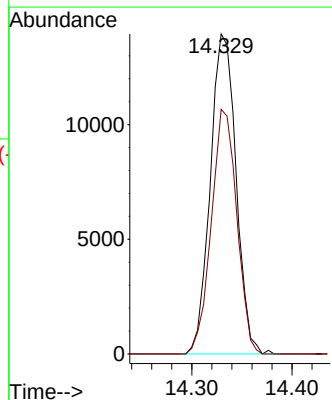
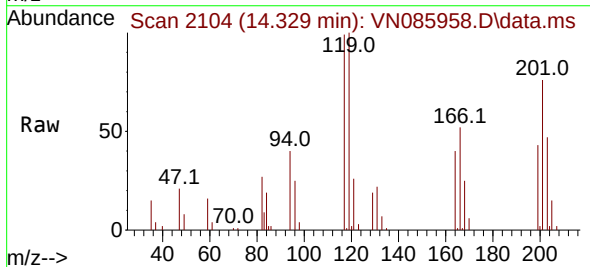
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

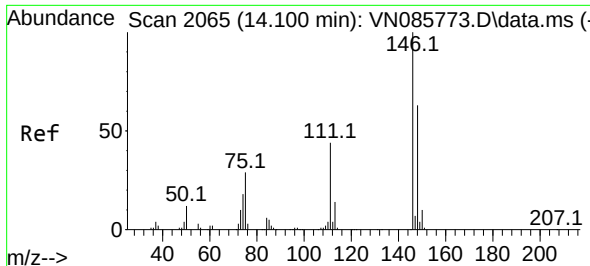
Tgt Ion: 91 Resp: 87168
Ion Ratio Lower Upper
91 100
92 50.8 27.1 81.3
134 25.0 12.7 38.1



#90
Hexachloroethane
Concen: 17.797 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

Tgt Ion: 117 Resp: 24921
Ion Ratio Lower Upper
117 100
201 75.5 35.6 106.9

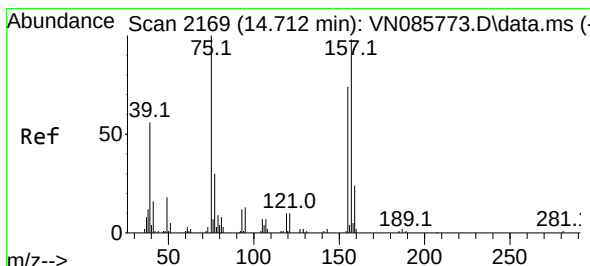
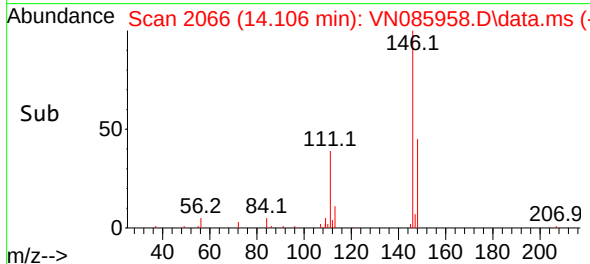
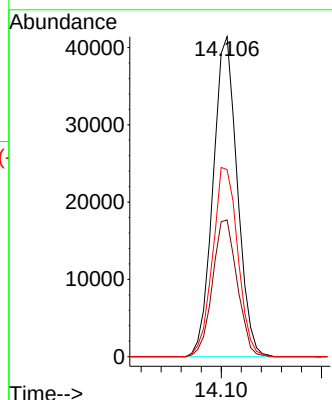
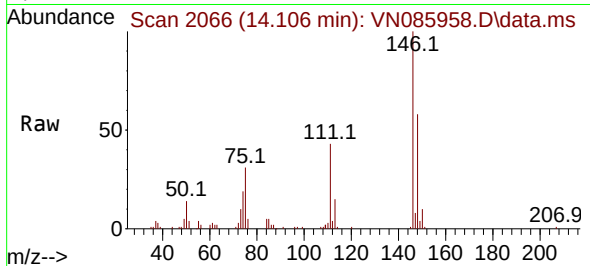




#91
1,2-Dichlorobenzene
Concen: 18.675 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

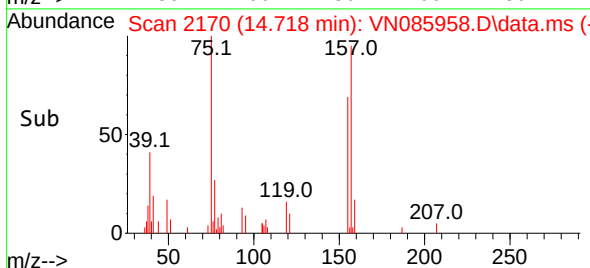
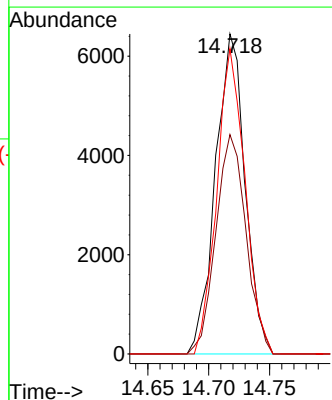
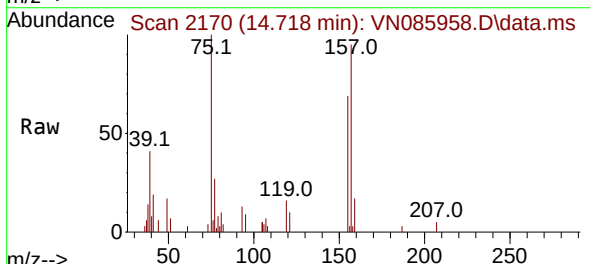
Instrument :
MSVOA_N
ClientSampleId :
VN0312WBSD01

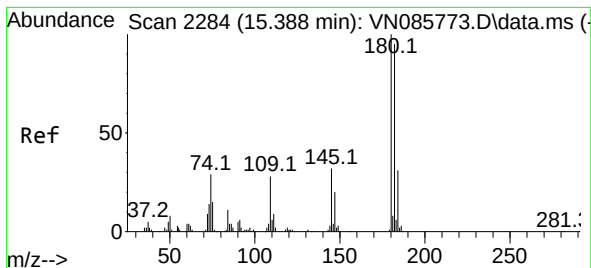
Tgt Ion:146 Resp: 69444
Ion Ratio Lower Upper
146 100
111 43.6 21.4 64.3
148 61.4 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.609 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085958.D
Acq: 12 Mar 2025 14:17

Tgt Ion: 75 Resp: 10914
Ion Ratio Lower Upper
75 100
155 70.0 39.9 119.6
157 90.7 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 17.133 ug/l

RT: 15.388 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN085958.D

Acq: 12 Mar 2025 14:17

Instrument :

MSVOA_N

ClientSampleId :

VN0312WBSD01

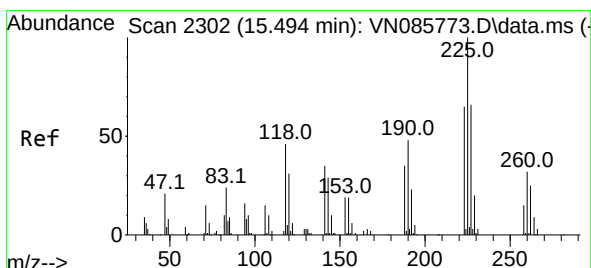
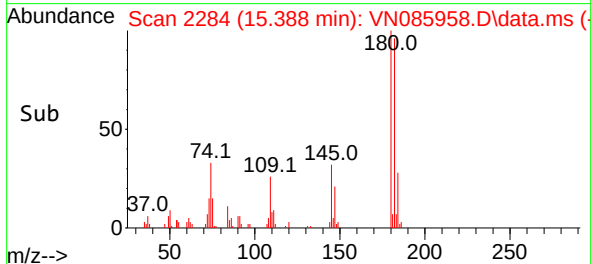
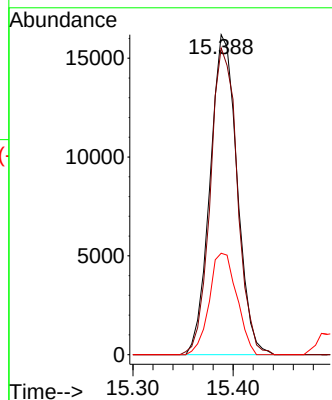
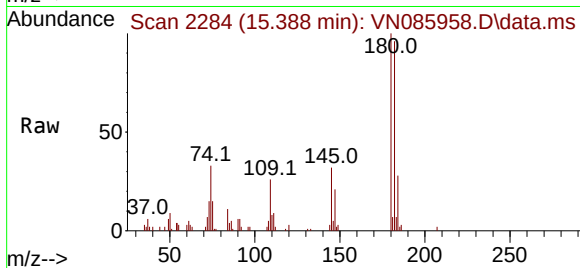
Tgt Ion:180 Resp: 30357

Ion Ratio Lower Upper

180 100

182 95.4 47.3 141.9

145 32.2 16.2 48.5



#94

Hexachlorobutadiene

Concen: 16.488 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.006 min

Lab File: VN085958.D

Acq: 12 Mar 2025 14:17

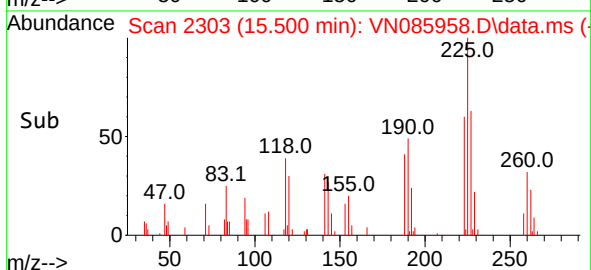
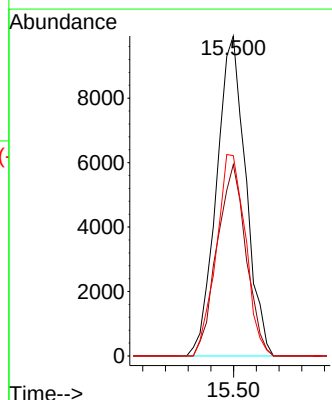
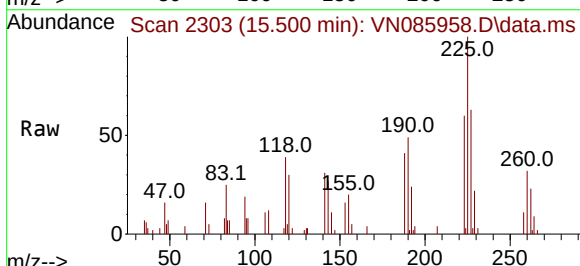
Tgt Ion:225 Resp: 17755

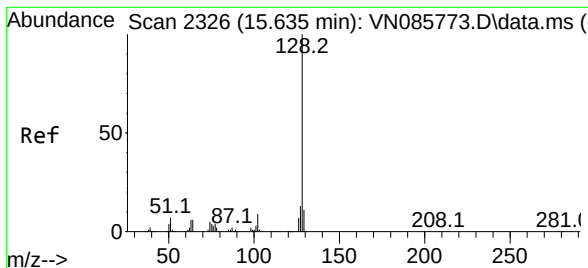
Ion Ratio Lower Upper

225 100

223 59.3 31.9 95.5

227 62.7 32.2 96.6





#95

Naphthalene

Concen: 17.913 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. 0.000 min

Lab File: VN085958.D

Acq: 12 Mar 2025 14:17

Instrument :

MSVOA_N

ClientSampleId :

VN0312WBSD01

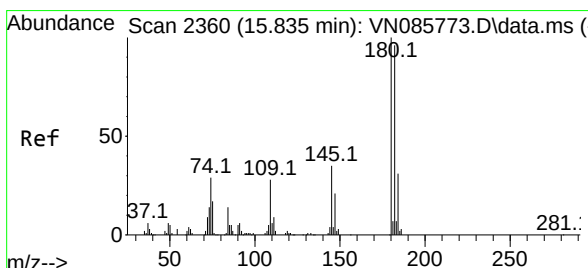
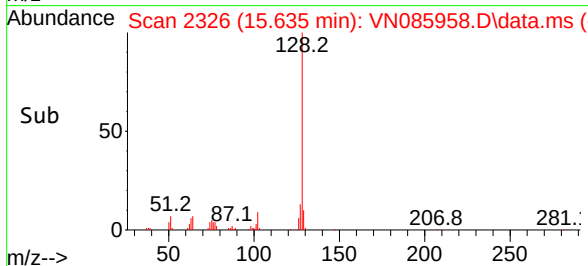
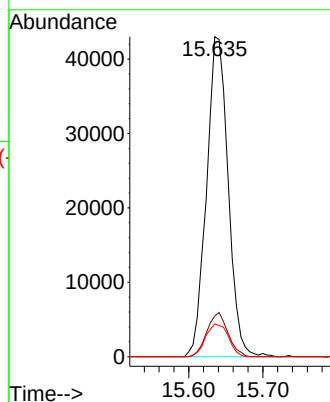
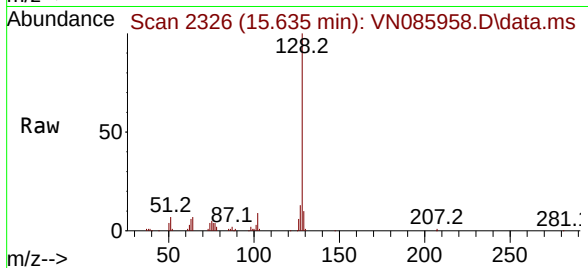
Tgt Ion:128 Resp: 87137

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.2

129 10.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 17.969 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN085958.D

Acq: 12 Mar 2025 14:17

Tgt Ion:180 Resp: 31963

Ion Ratio Lower Upper

180 100

182 91.5 47.3 141.8

145 32.1 16.9 50.6

