

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031225\
 Data File : VN085954.D
 Acq On : 12 Mar 2025 12:30
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 13 01:31:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	188899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	299646	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	270670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	148034	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.577	65	101968	41.636	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.280%
35) Dibromofluoromethane	8.165	113	84437	43.064	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.120%
50) Toluene-d8	10.565	98	303119	42.491	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	84.980%#
62) 4-Bromofluorobenzene	12.847	95	114294	48.627	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.260%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	136151	52.989	ug/l	99
3) Chloromethane	2.359	50	125255	48.581	ug/l	100
4) Vinyl Chloride	2.512	62	126661	46.398	ug/l	99
5) Bromomethane	2.948	94	72494	41.531	ug/l	100
6) Chloroethane	3.118	64	71721m	39.664	ug/l	
7) Trichlorofluoromethane	3.495	101	189907	48.048	ug/l	99
8) Diethyl Ether	3.965	74	65293	51.056	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	107189	46.917	ug/l	99
10) Methyl Iodide	4.589	142	140552	49.908	ug/l	98
11) Tert butyl alcohol	5.518	59	75027	249.085	ug/l	98
12) 1,1-Dichloroethene	4.342	96	100976	48.744	ug/l	98
13) Acrolein	4.183	56	81416	182.271	ug/l	97
14) Allyl chloride	5.024	41	130676	48.047	ug/l	98
15) Acrylonitrile	5.712	53	253760	259.147	ug/l	98
16) Acetone	4.424	43	202846	261.767	ug/l	97
17) Carbon Disulfide	4.712	76	305245	49.719	ug/l	99
18) Methyl Acetate	5.030	43	107918	40.490	ug/l	98
19) Methyl tert-butyl Ether	5.795	73	330443	53.681	ug/l	100
20) Methylene Chloride	5.271	84	117064	46.975	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	108382	48.590	ug/l	95
22) Diisopropyl ether	6.665	45	313857	51.070	ug/l	99
23) Vinyl Acetate	6.600	43	1126893	267.804	ug/l	100
24) 1,1-Dichloroethane	6.565	63	199312	47.708	ug/l	99
25) 2-Butanone	7.483	43	299719	262.903	ug/l	98
26) 2,2-Dichloropropane	7.494	77	183126	49.295	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	124950	48.312	ug/l	98
28) Bromochloromethane	7.806	49	81023	47.186	ug/l	97
29) Tetrahydrofuran	7.836	42	202311	274.814	ug/l	99
30) Chloroform	7.965	83	208513	47.760	ug/l	96
31) Cyclohexane	8.259	56	168806	48.259	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	191021	49.192	ug/l	97
36) 1,1-Dichloropropene	8.371	75	145584	52.463	ug/l	99
37) Ethyl Acetate	7.559	43	125524	54.967	ug/l	99
38) Carbon Tetrachloride	8.359	117	175064	53.094	ug/l	97
39) Methylcyclohexane	9.600	83	152593	55.974	ug/l	97
40) Benzene	8.606	78	458359	51.536	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	63203	51.773	ug/l	94
42) 1,2-Dichloroethane	8.671	62	151875	52.425	ug/l	99
43) Isopropyl Acetate	8.688	43	210053	52.438	ug/l	98
44) Trichloroethene	9.347	130	102820	47.084	ug/l	99
45) 1,2-Dichloropropane	9.618	63	109688	51.093	ug/l	96
46) Dibromomethane	9.706	93	77944	51.472	ug/l	99
47) Bromodichloromethane	9.888	83	168710	52.074	ug/l	97
48) Methyl methacrylate	9.677	41	95053	56.046	ug/l	96
49) 1,4-Dioxane	9.688	88	38217	1184.989	ug/l	99
51) 4-Methyl-2-Pentanone	10.441	43	632322	287.192	ug/l	100
52) Toluene	10.630	92	287818	55.206	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	166646	55.627	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	180148	54.838	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	106035	51.154	ug/l	97
56) Ethyl methacrylate	10.871	69	162099	53.876	ug/l	98
57) 1,3-Dichloropropane	11.165	76	182447	52.726	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	339063	280.568	ug/l	99
59) 2-Hexanone	11.194	43	459924	303.645	ug/l	97
60) Dibromochloromethane	11.359	129	131193	54.353	ug/l	99
61) 1,2-Dibromoethane	11.471	107	104489	53.351	ug/l	98
64) Tetrachloroethene	11.100	164	101479	48.395	ug/l	95
65) Chlorobenzene	11.888	112	304735	49.146	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	111684	50.111	ug/l	99
67) Ethyl Benzene	11.965	91	529169	54.480	ug/l	98
68) m/p-Xylenes	12.071	106	423460	114.775	ug/l	99
69) o-Xylene	12.394	106	197549	56.347	ug/l	99
70) Styrene	12.412	104	340692	51.998	ug/l	98
71) Bromoform	12.576	173	89682	54.153	ug/l #	98
73) Isopropylbenzene	12.694	105	495437	48.851	ug/l	100
74) N-amyl acetate	12.494	43	180589	50.495	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.935	83	151538	43.422	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	146652m	44.598	ug/l	
77) Bromobenzene	12.976	156	125399	45.766	ug/l	96
78) n-propylbenzene	13.035	91	598428	51.523	ug/l	100
79) 2-Chlorotoluene	13.123	91	366464	47.223	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	436967	52.892	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	62822	55.742	ug/l	95
82) 4-Chlorotoluene	13.218	91	382611	49.733	ug/l	100
83) tert-Butylbenzene	13.435	119	349719	50.340	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	443127	54.215	ug/l	98
85) sec-Butylbenzene	13.618	105	506043	51.555	ug/l	100
86) p-Isopropyltoluene	13.729	119	429702	47.959	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	238252	46.411	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	238381	45.307	ug/l	100
89) n-Butylbenzene	14.053	91	355294	50.982	ug/l	98
90) Hexachloroethane	14.329	117	82377	44.314	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	229182	46.427	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	30115	46.993	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	113254	48.147	ug/l	99
94) Hexachlorobutadiene	15.500	225	62239	43.537	ug/l	98
95) Naphthalene	15.641	128	323857	50.149	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	111582	47.251	ug/l	99

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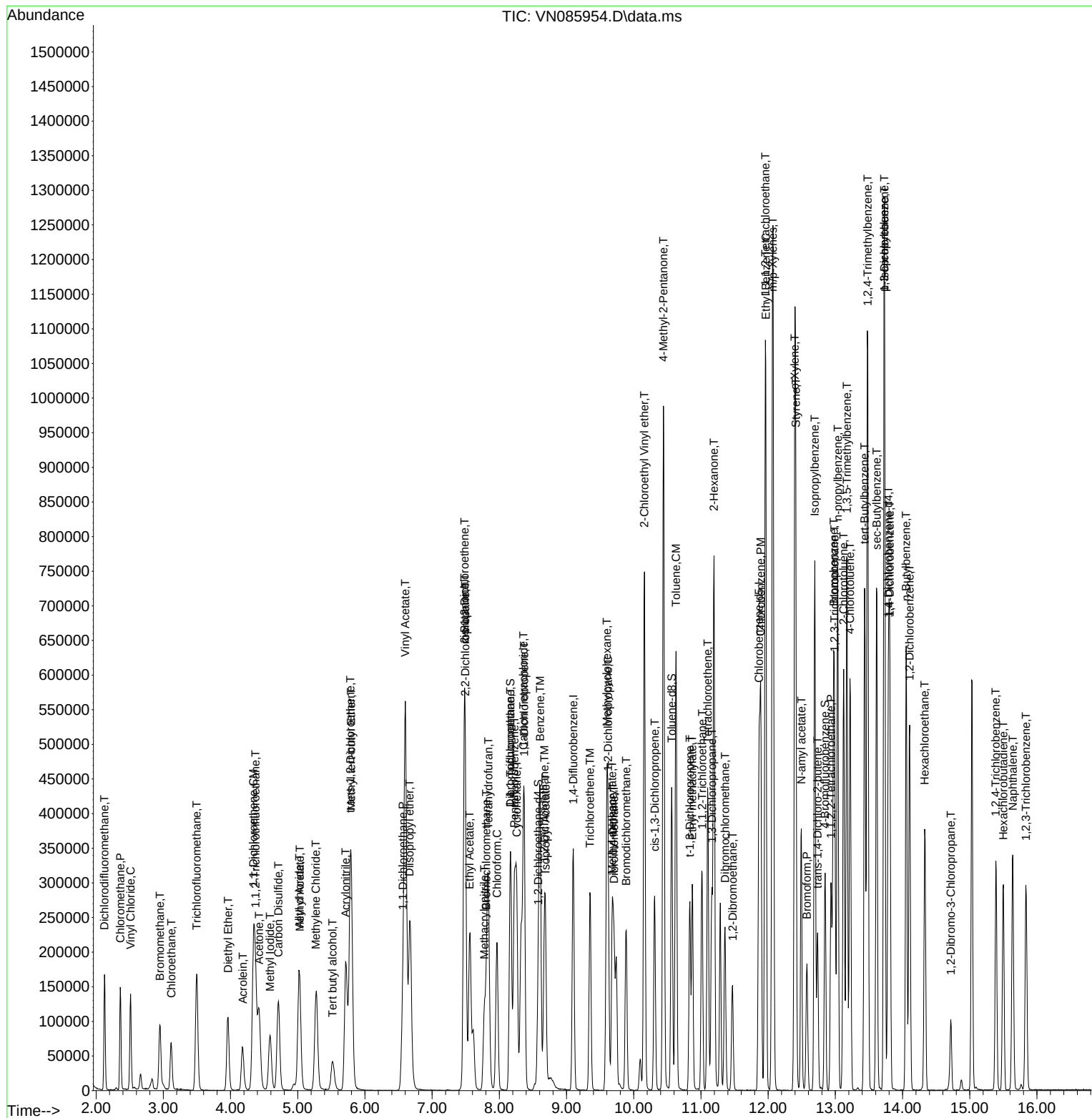
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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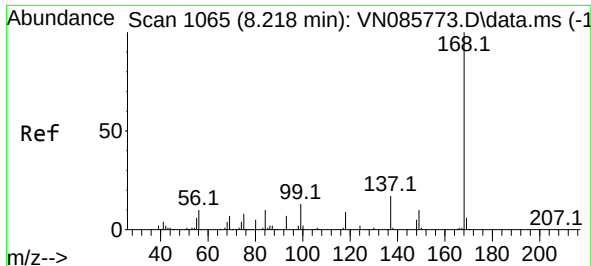
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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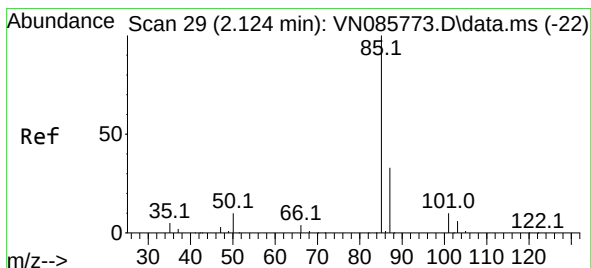
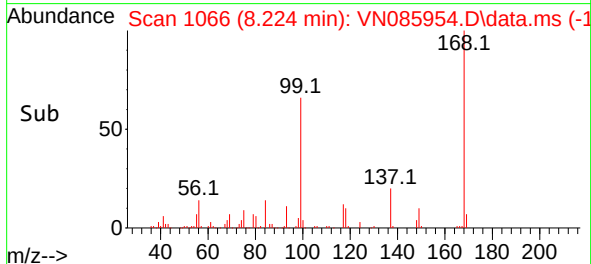
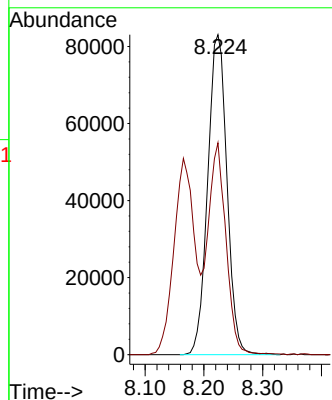
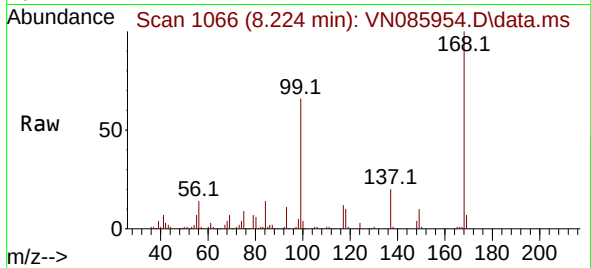




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
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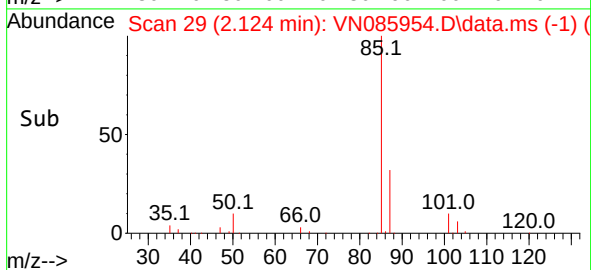
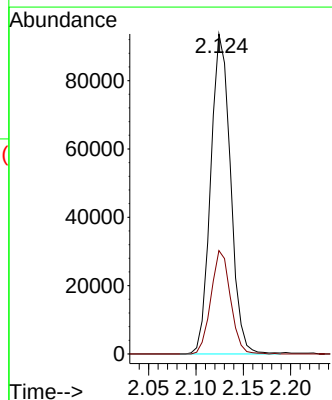
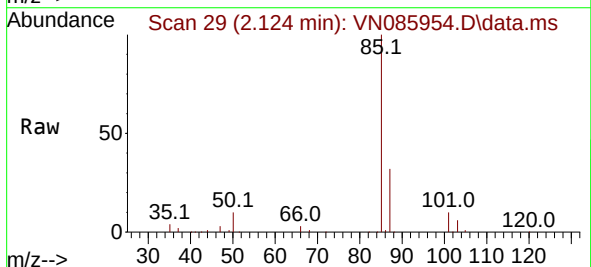
Instrument :
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VSTDCCC050

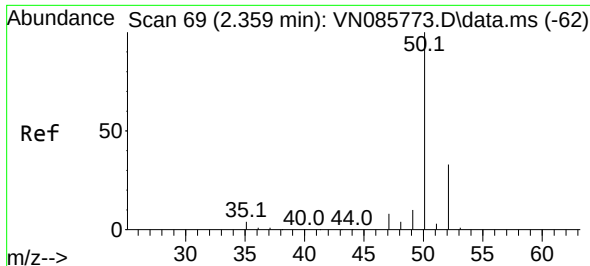
Tgt Ion:168 Resp: 188899
Ion Ratio Lower Upper
168 100
99 66.0 47.9 71.9



#2
Dichlorodifluoromethane
Concen: 52.989 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

Tgt Ion: 85 Resp: 136151
Ion Ratio Lower Upper
85 100
87 32.3 16.4 49.2

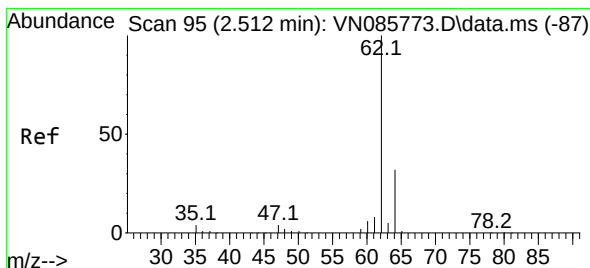
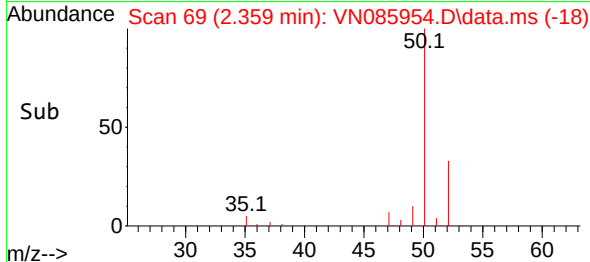
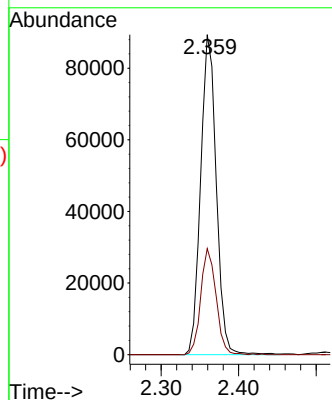
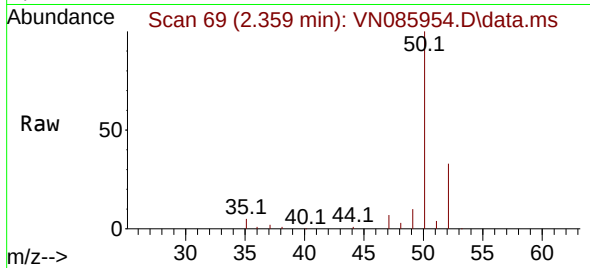




#3
Chloromethane
Concen: 48.581 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

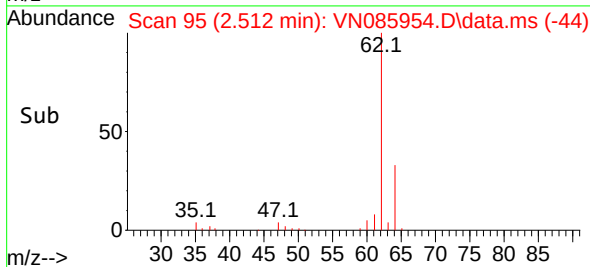
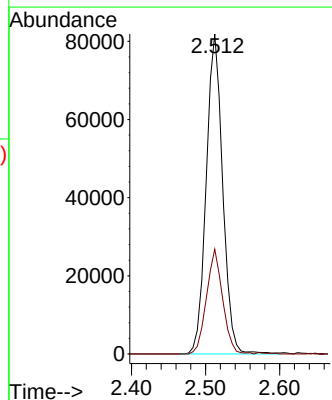
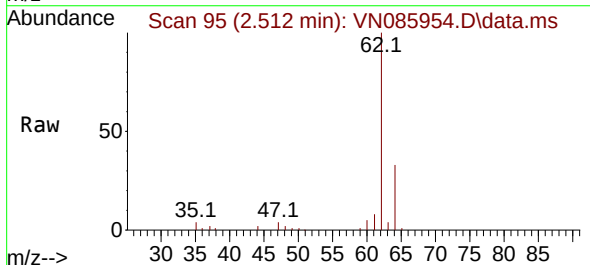
Instrument :
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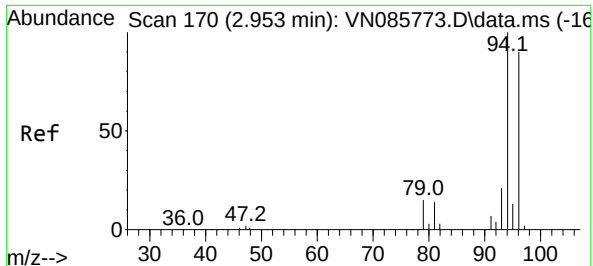
Tgt Ion: 50 Resp: 125255
Ion Ratio Lower Upper
50 100
52 33.2 26.7 40.1



#4
Vinyl Chloride
Concen: 46.398 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

Tgt Ion: 62 Resp: 126661
Ion Ratio Lower Upper
62 100
64 32.7 25.9 38.9

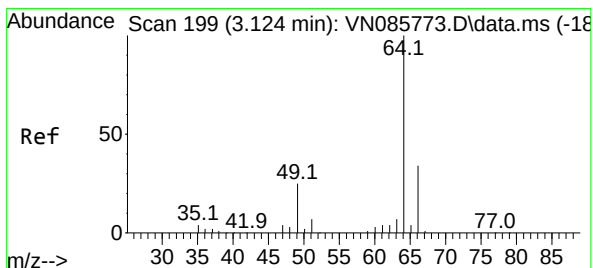
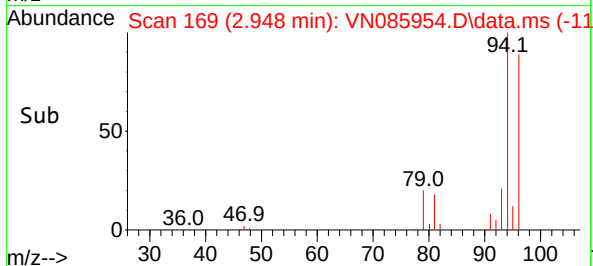
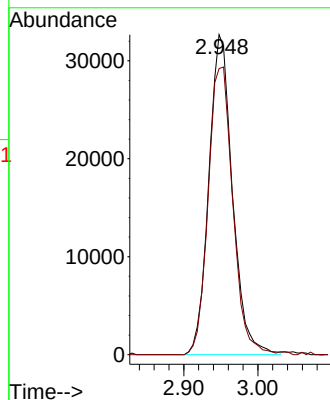
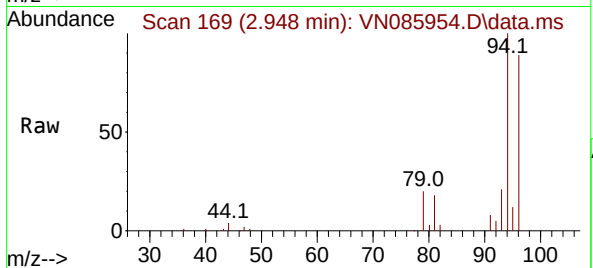




#5
Bromomethane
Concen: 41.531 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN085954.D
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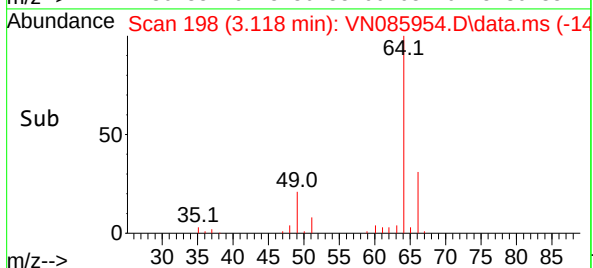
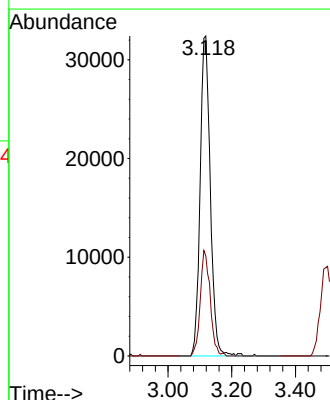
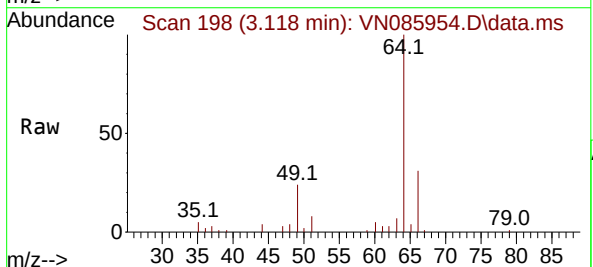
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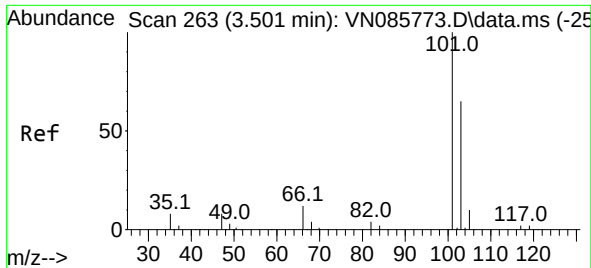
Tgt Ion: 94 Resp: 72494
Ion Ratio Lower Upper
94 100
96 89.4 71.7 107.5



#6
Chloroethane
Concen: 39.664 ug/l m
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

Tgt Ion: 64 Resp: 71721
Ion Ratio Lower Upper
64 100
66 31.3 27.0 40.6

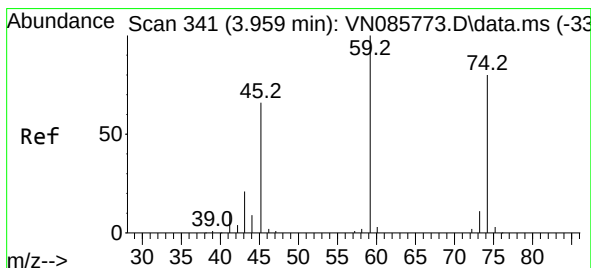
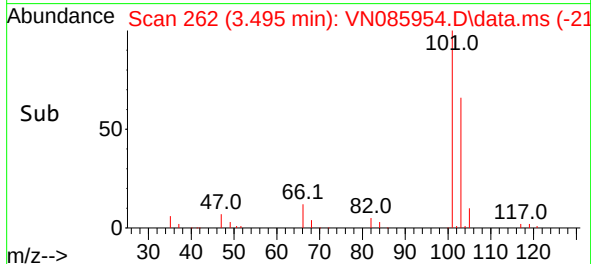
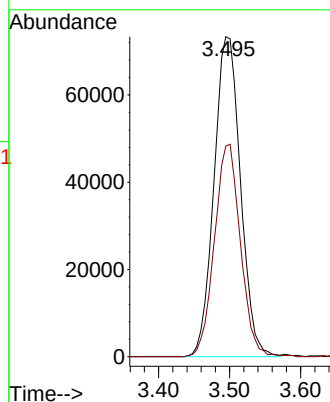
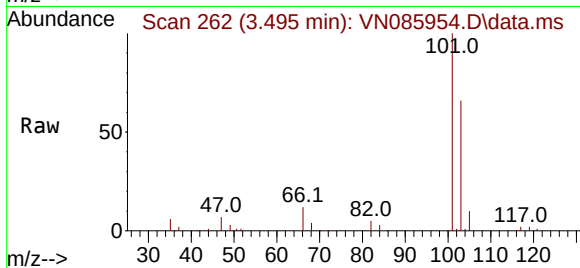




#7
 Trichlorofluoromethane
 Concen: 48.048 ug/l
 RT: 3.495 min Scan# 210
 Delta R.T. -0.006 min
 Lab File: VN085954.D
 Acq: 12 Mar 2025 12:30

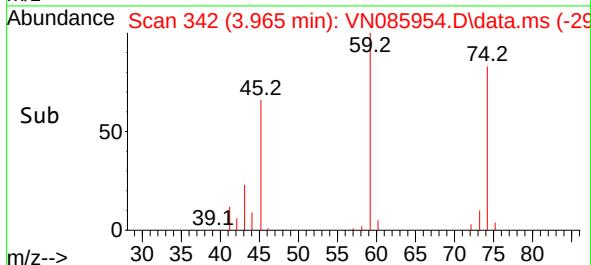
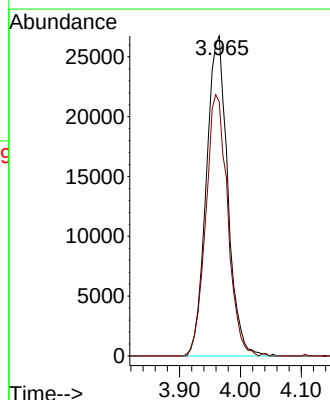
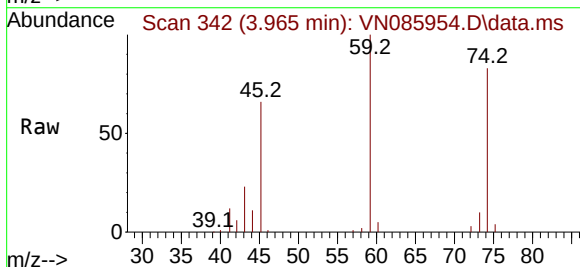
Instrument :
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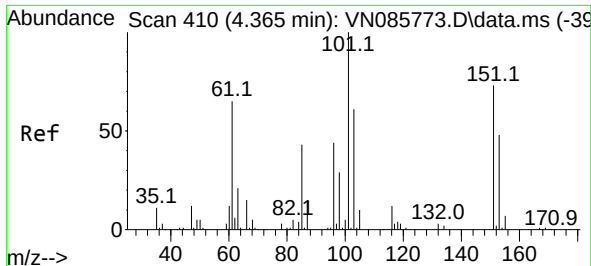
Tgt Ion:101 Resp: 189907
 Ion Ratio Lower Upper
 101 100
 103 65.8 52.2 78.4



#8
 Diethyl Ether
 Concen: 51.056 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 65293
 Ion Ratio Lower Upper
 74 100
 45 83.3 42.5 127.6

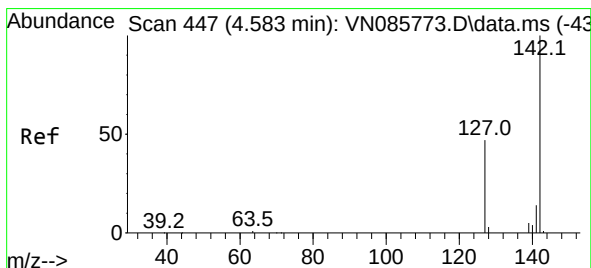
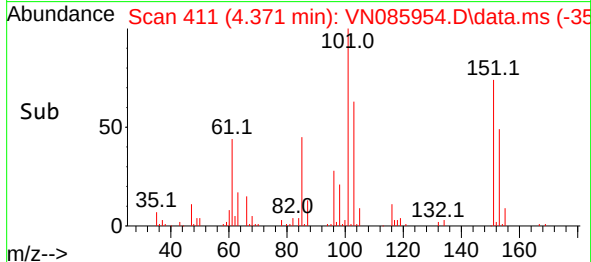
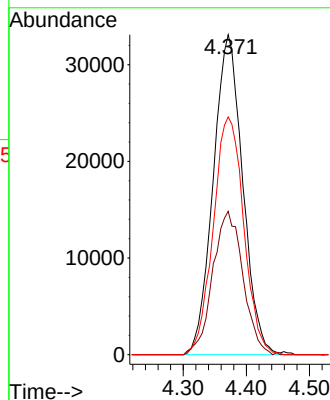
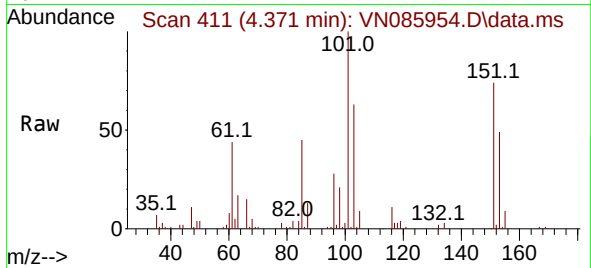




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.917 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

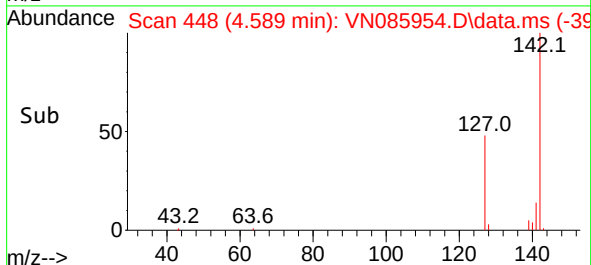
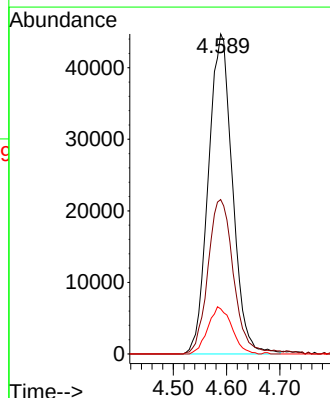
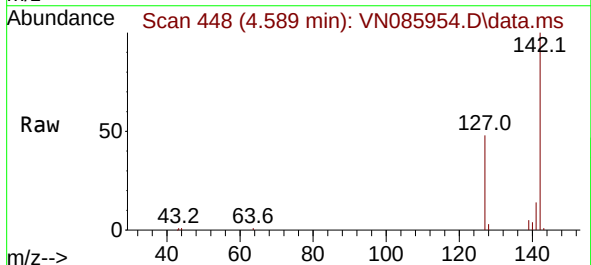
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

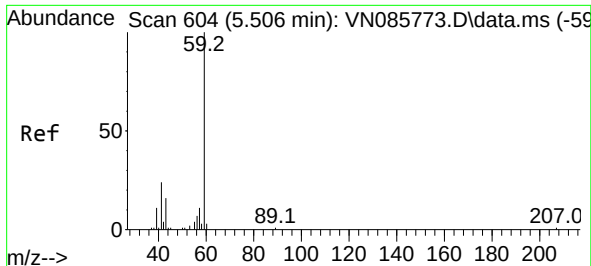
Tgt Ion:101 Resp: 107189
Ion Ratio Lower Upper
101 100
85 45.9 35.7 53.5
151 77.0 61.4 92.2



#10
Methyl Iodide
Concen: 49.908 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

Tgt Ion:142 Resp: 140552
Ion Ratio Lower Upper
142 100
127 48.2 37.6 56.4
141 14.1 11.4 17.2

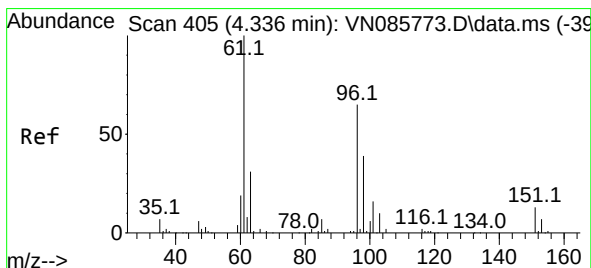
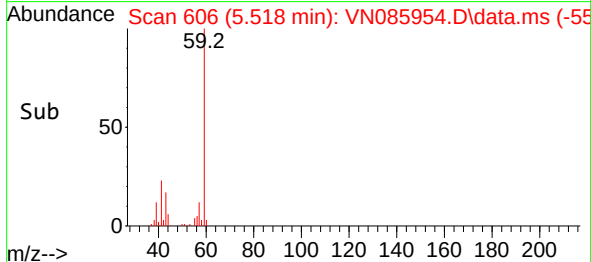
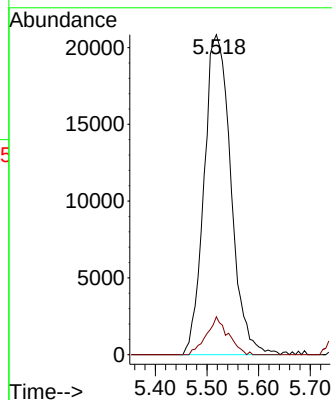
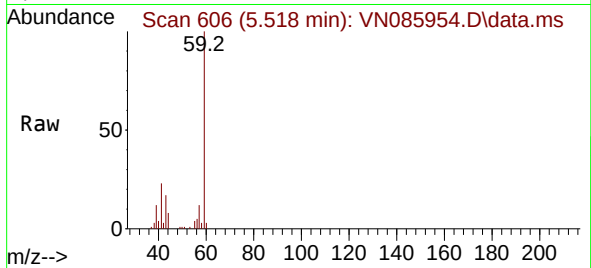




#11
Tert butyl alcohol
Concen: 249.085 ug/l
RT: 5.518 min Scan# 604
Delta R.T. 0.012 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

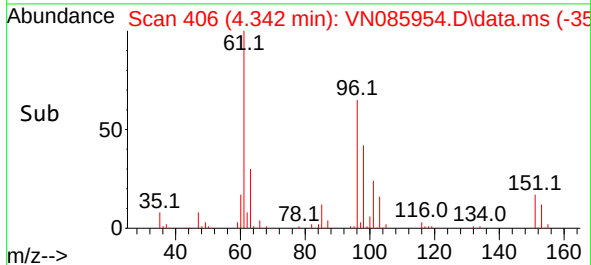
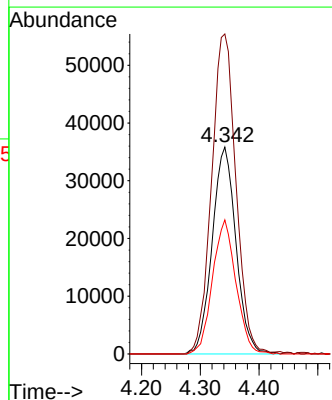
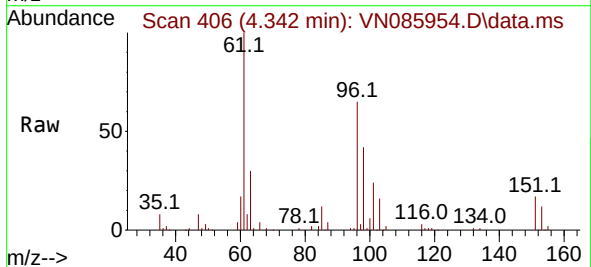
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

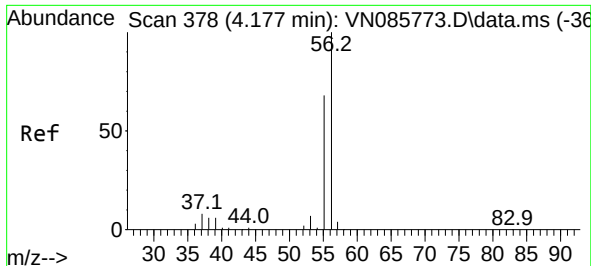
Tgt Ion: 59 Resp: 75027
Ion Ratio Lower Upper
59 100
57 9.6 8.3 12.5



#12
1,1-Dichloroethene
Concen: 48.744 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

Tgt Ion: 96 Resp: 100976
Ion Ratio Lower Upper
96 100
61 154.7 123.3 184.9
98 64.8 48.6 72.8

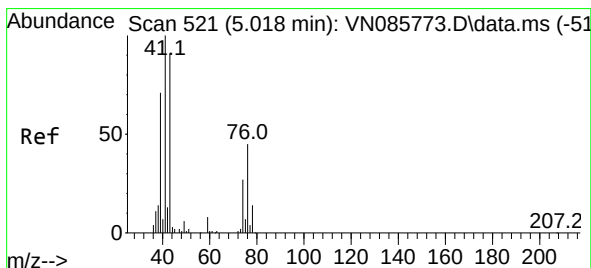
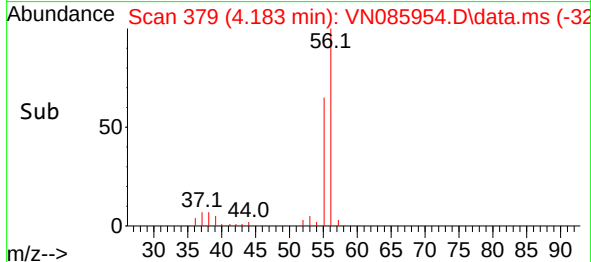
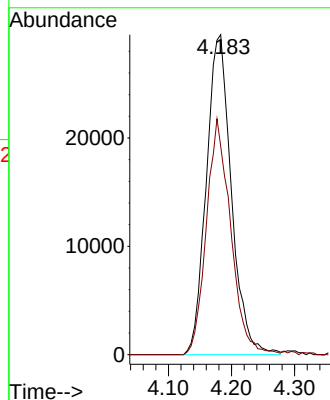
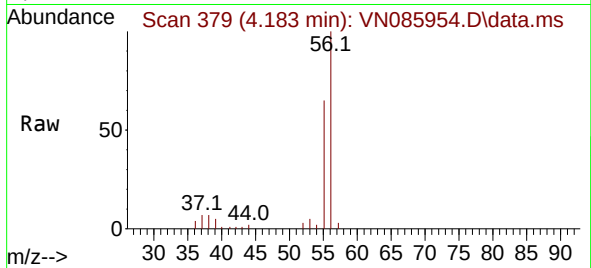




#13
Acrolein
Concen: 182.271 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

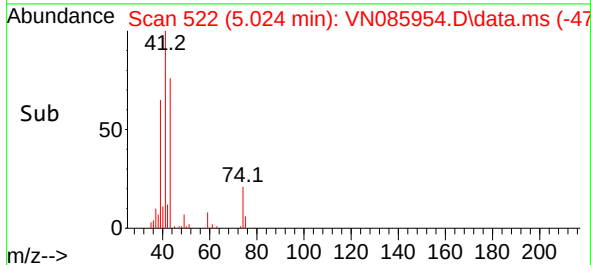
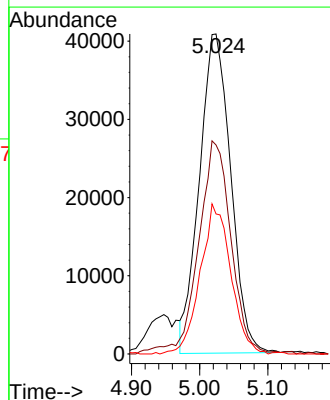
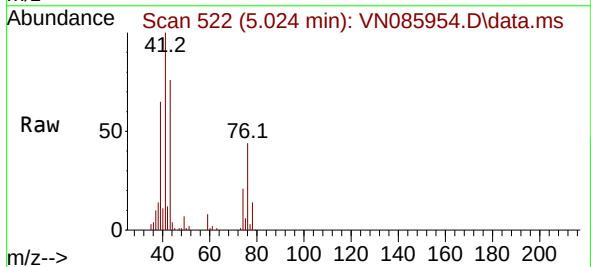
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

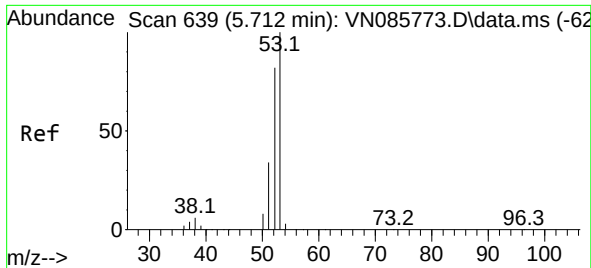
Tgt Ion: 56 Resp: 81416
Ion Ratio Lower Upper
56 100
55 71.6 55.3 82.9



#14
Allyl chloride
Concen: 48.047 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

Tgt Ion: 41 Resp: 130676
Ion Ratio Lower Upper
41 100
39 69.2 57.4 86.2
76 45.7 36.2 54.2

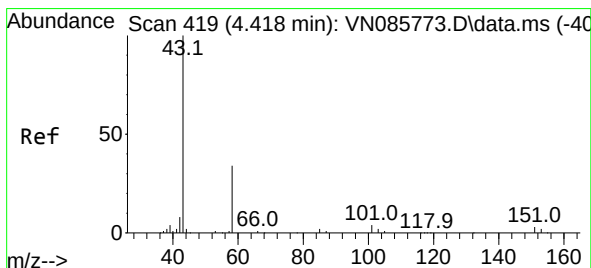
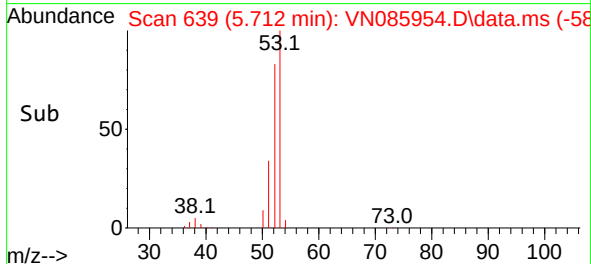
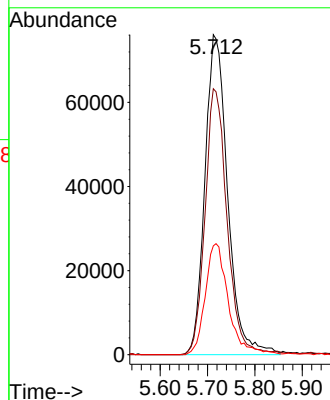
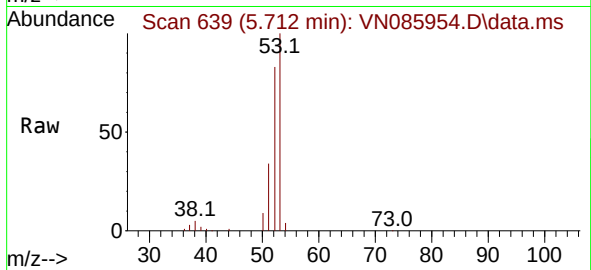




#15
Acrylonitrile
Concen: 259.147 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

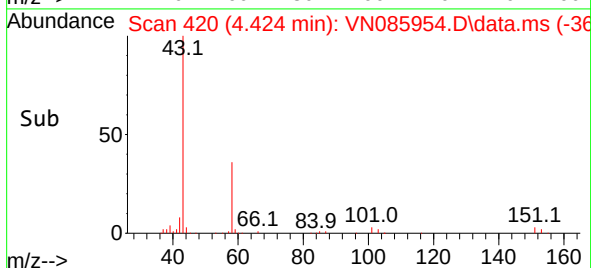
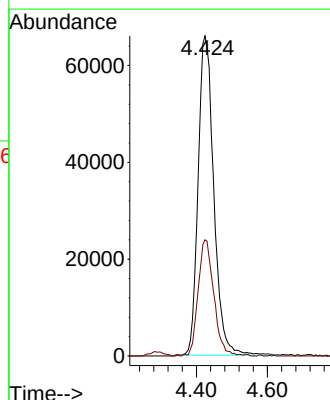
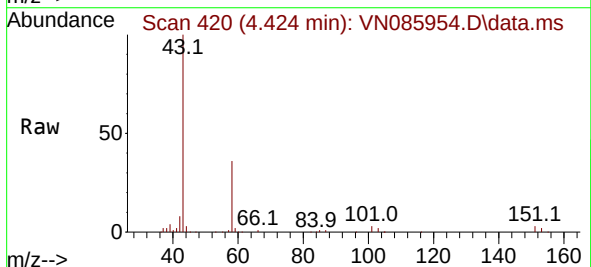
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

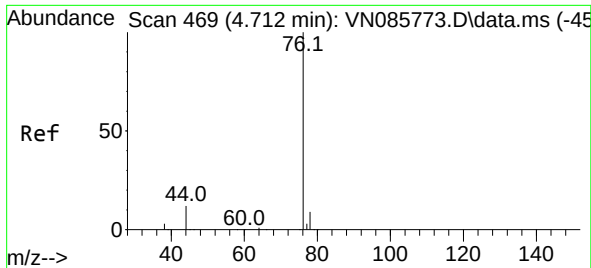
Tgt Ion:	53	Resp:	253760
Ion	Ratio	Lower	Upper
53	100		
52	80.3	65.8	98.6
51	35.3	28.6	42.8



#16
Acetone
Concen: 261.767 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

Tgt Ion:	43	Resp:	202846
Ion	Ratio	Lower	Upper
43	100		
58	36.4	27.5	41.3

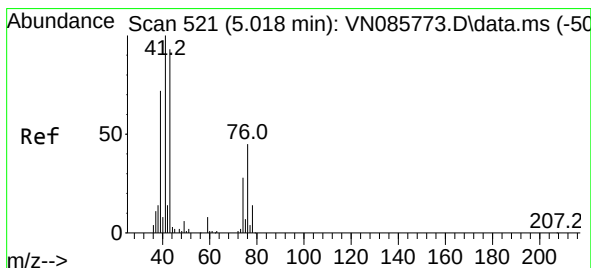
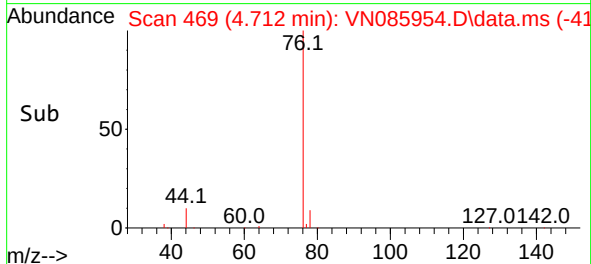
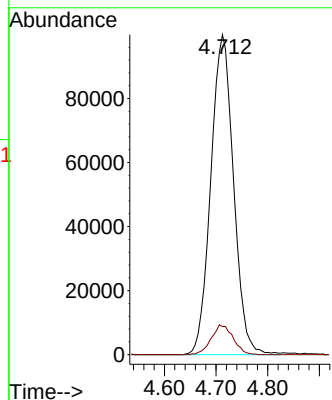
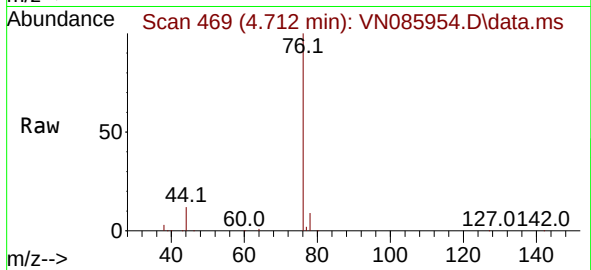




#17
Carbon Disulfide
Concen: 49.719 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

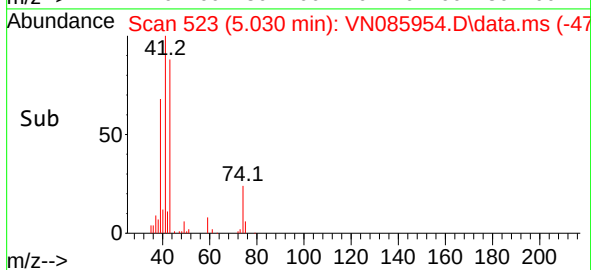
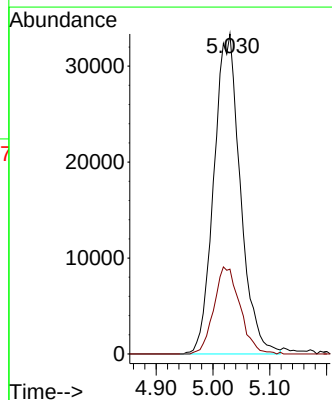
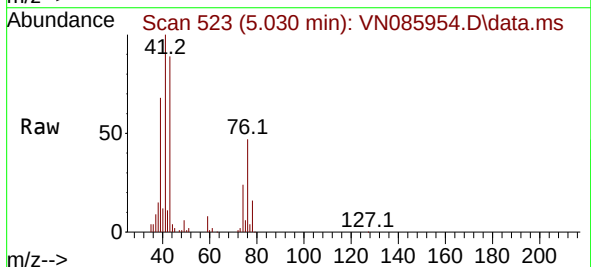
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

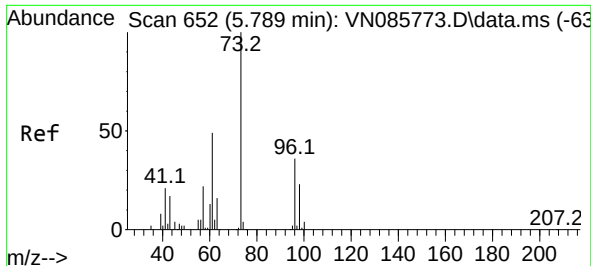
Tgt Ion: 76 Resp: 305245
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 40.490 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

Tgt Ion: 43 Resp: 107918
Ion Ratio Lower Upper
43 100
74 26.8 22.2 33.4

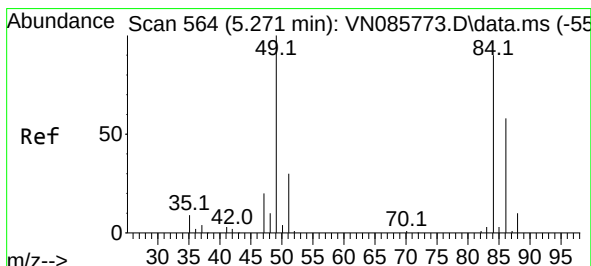
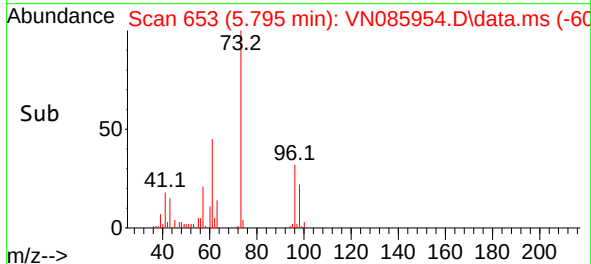
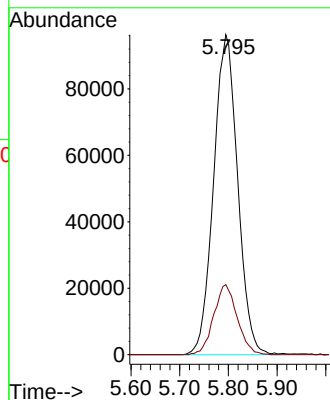
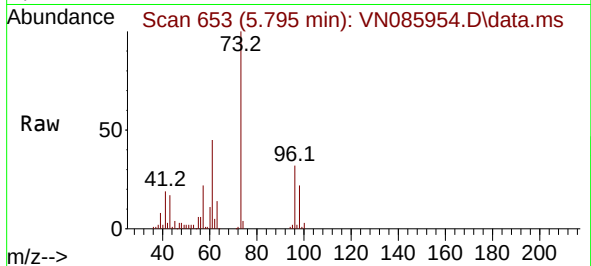




#19
Methyl tert-butyl Ether
Concen: 53.681 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

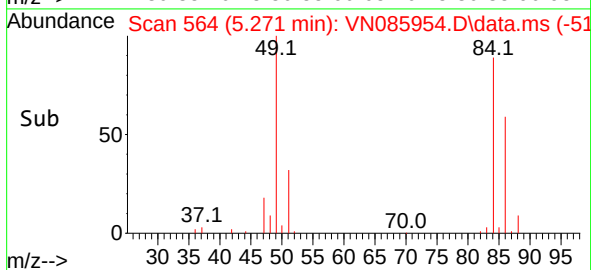
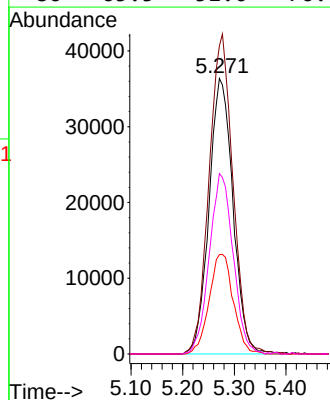
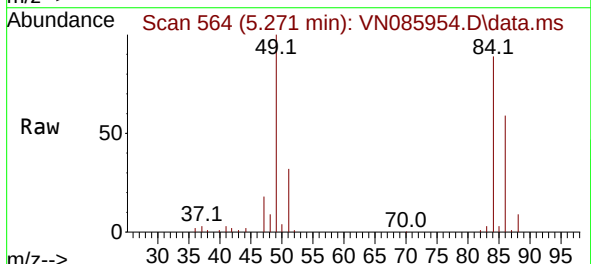
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

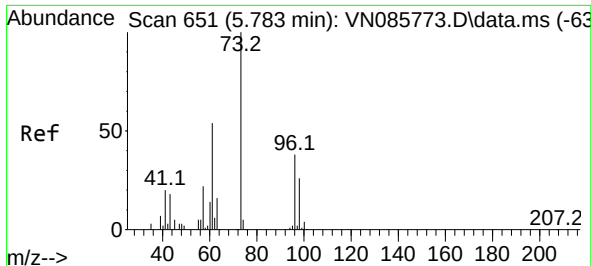
Tgt Ion: 73 Resp: 330443
Ion Ratio Lower Upper
73 100
57 21.9 17.6 26.4



#20
Methylene Chloride
Concen: 46.975 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

Tgt Ion: 84 Resp: 117064
Ion Ratio Lower Upper
84 100
49 111.8 88.4 132.6
51 36.1 26.6 40.0
86 65.5 51.0 76.6

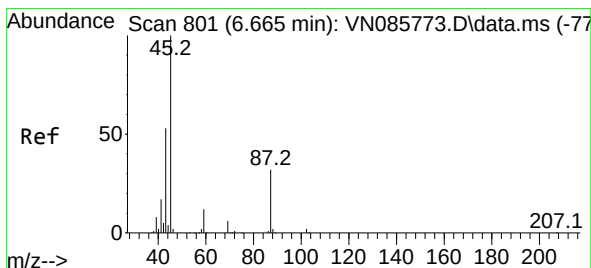
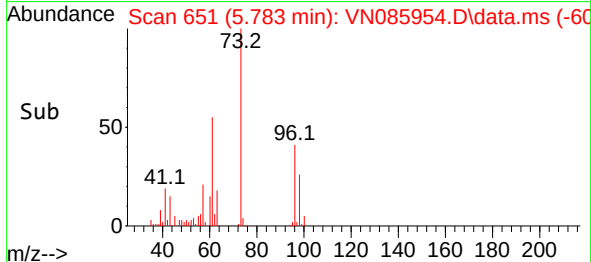
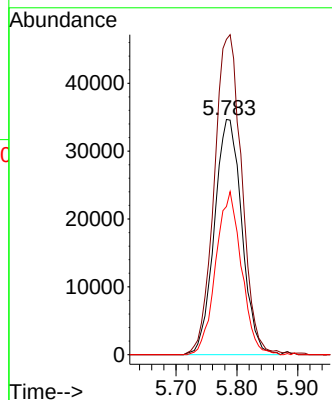
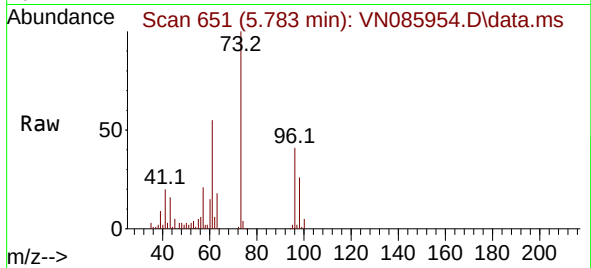




#21
trans-1,2-Dichloroethene
Concen: 48.590 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

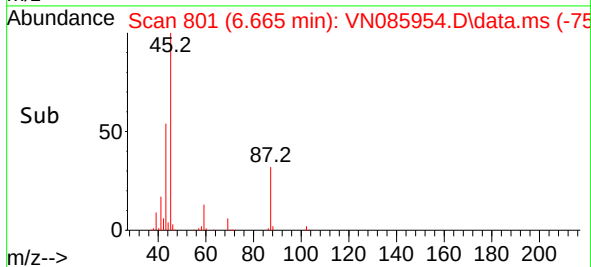
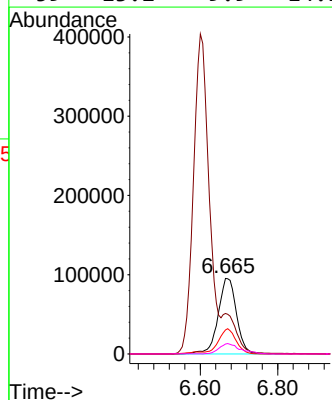
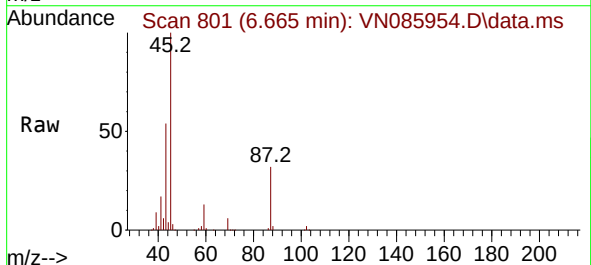
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

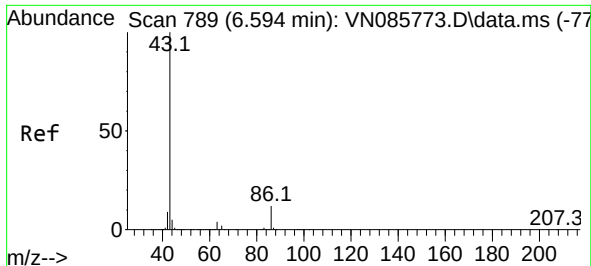
Tgt Ion: 96 Resp: 108382
Ion Ratio Lower Upper
96 100
61 134.1 112.6 168.8
98 63.0 53.3 79.9



#22
Diisopropyl ether
Concen: 51.070 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

Tgt Ion: 45 Resp: 313857
Ion Ratio Lower Upper
45 100
43 52.8 42.6 64.0
87 31.8 25.8 38.8
59 13.2 9.9 14.9

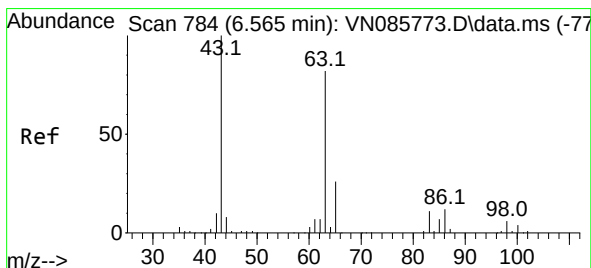
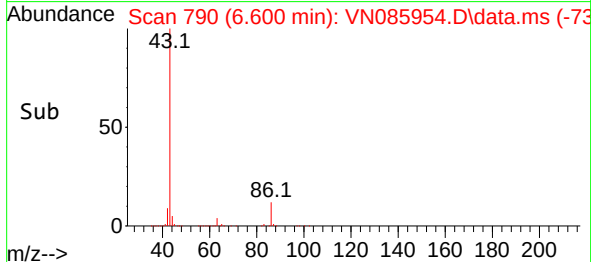
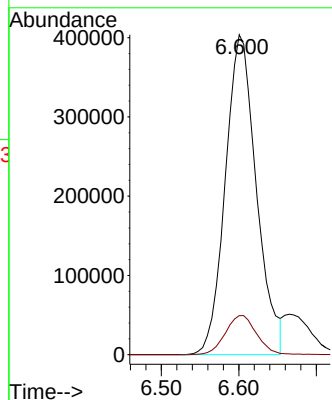
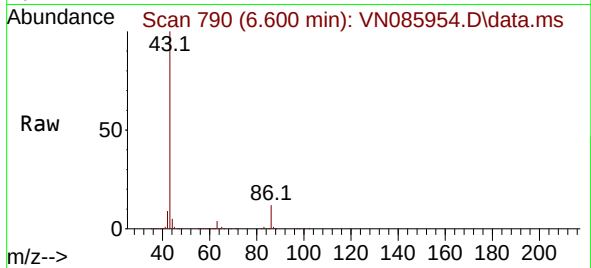




#23
 Vinyl Acetate
 Concen: 267.804 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085954.D
 Acq: 12 Mar 2025 12:30

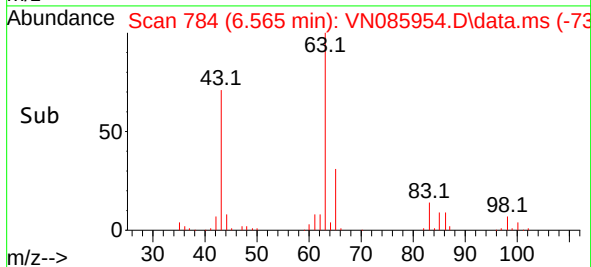
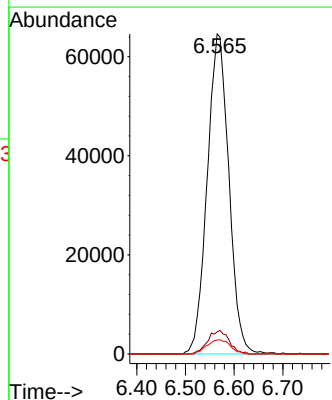
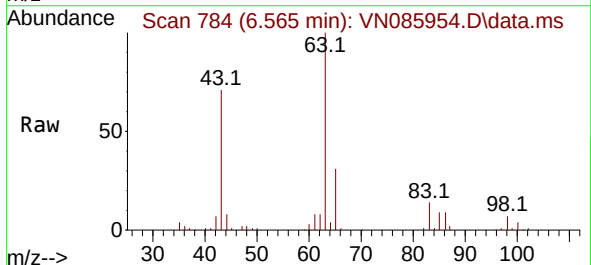
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

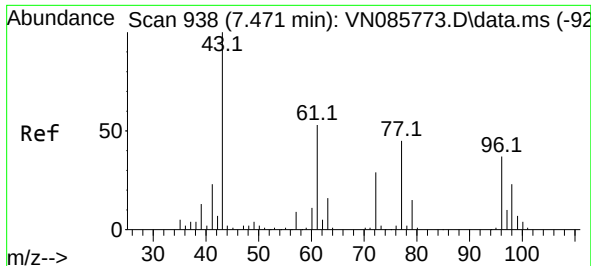
Tgt Ion: 43 Resp: 1126893
 Ion Ratio Lower Upper
 43 100
 86 12.2 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 47.708 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN085954.D
 Acq: 12 Mar 2025 12:30

Tgt Ion: 63 Resp: 199312
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.4
 100 4.3 2.4 7.2





#25

2-Butanone

Concen: 262.903 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.012 min

Lab File: VN085954.D

Acq: 12 Mar 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

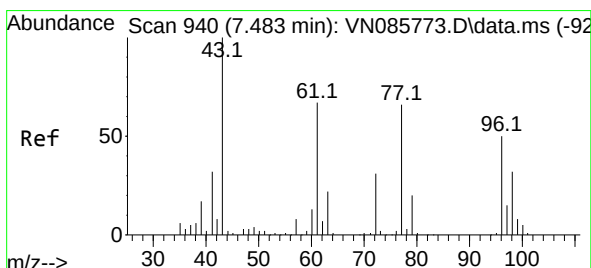
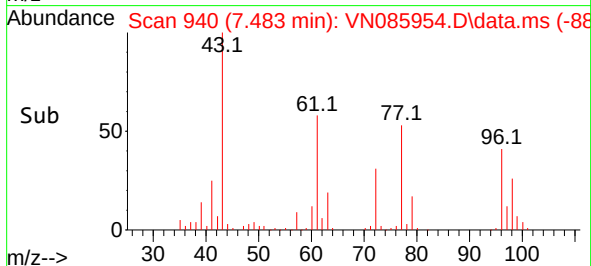
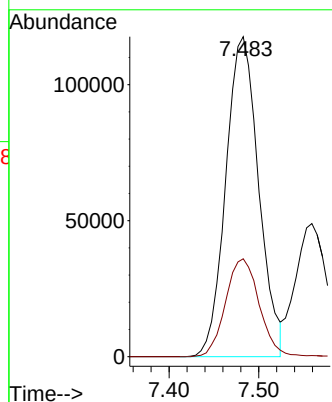
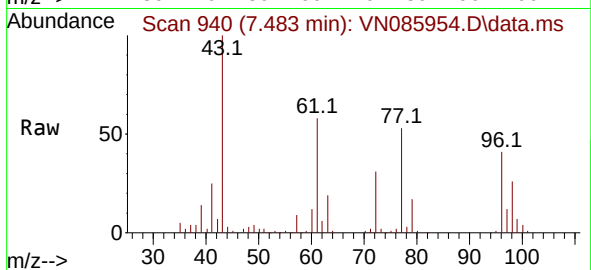
VSTDCCC050

Tgt Ion: 43 Resp: 299719

Ion Ratio Lower Upper

43 100

72 30.6 23.6 35.4



#26

2,2-Dichloropropane

Concen: 49.295 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.012 min

Lab File: VN085954.D

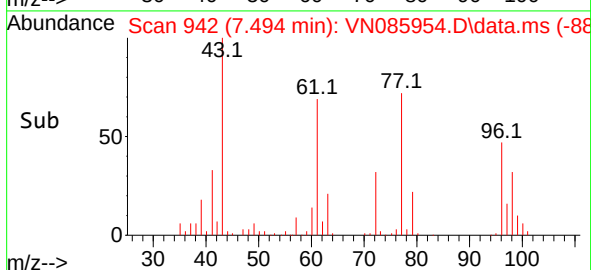
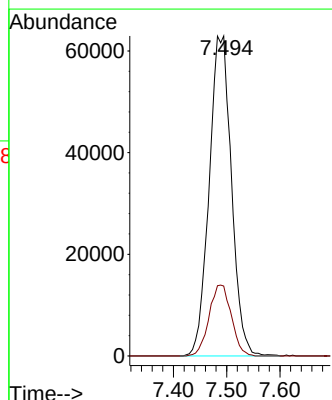
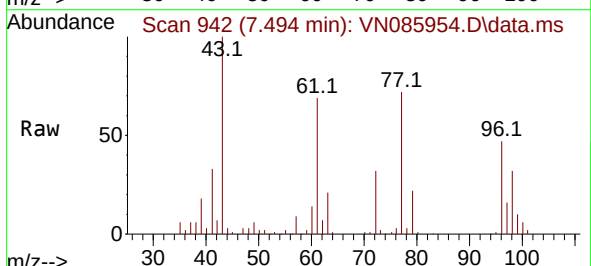
Acq: 12 Mar 2025 12:30

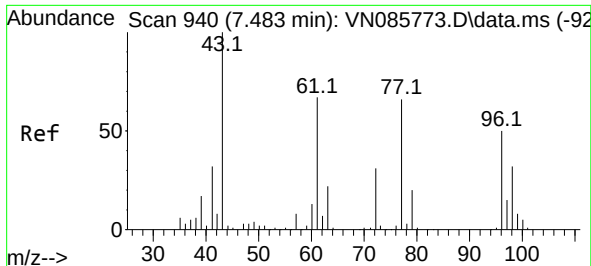
Tgt Ion: 77 Resp: 183126

Ion Ratio Lower Upper

77 100

97 22.1 11.3 33.8

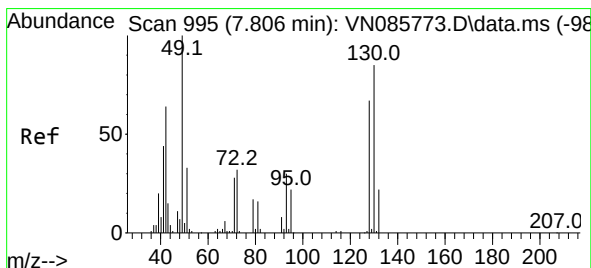
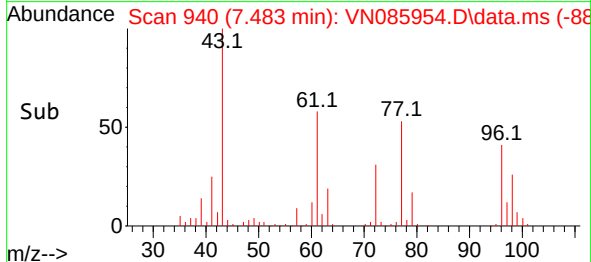
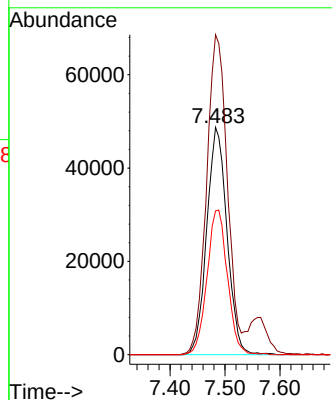
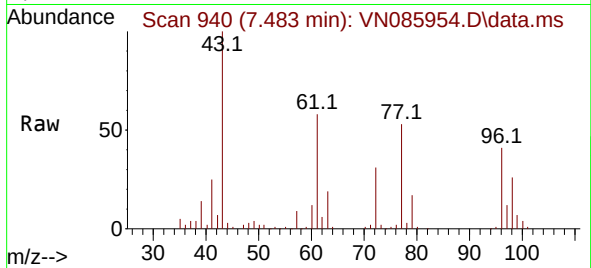




#27
 cis-1,2-Dichloroethene
 Concen: 48.312 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN085954.D
 Acq: 12 Mar 2025 12:30

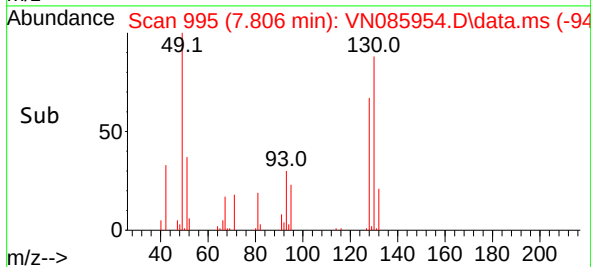
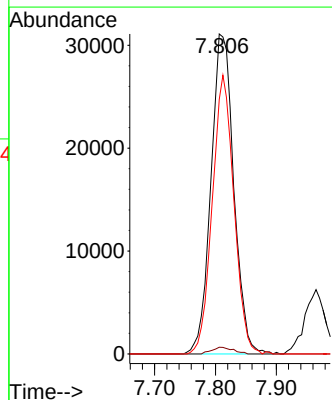
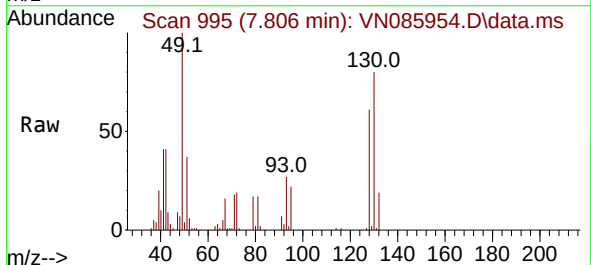
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

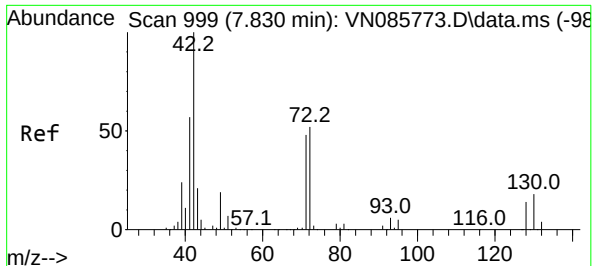
Tgt Ion: 96 Resp: 124950
 Ion Ratio Lower Upper
 96 100
 61 144.5 0.0 280.6
 98 64.2 0.0 128.6



#28
 Bromochloromethane
 Concen: 47.186 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. 0.000 min
 Lab File: VN085954.D
 Acq: 12 Mar 2025 12:30

Tgt Ion: 49 Resp: 81023
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 82.3 68.0 102.0





#29

Tetrahydrofuran

Concen: 274.814 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN085954.D

Acq: 12 Mar 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

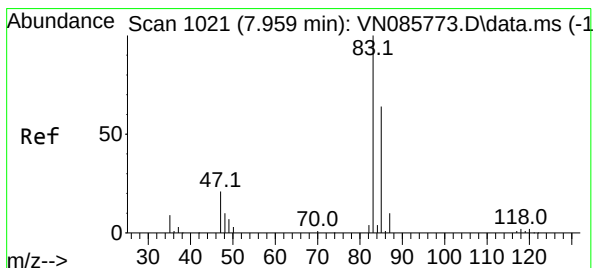
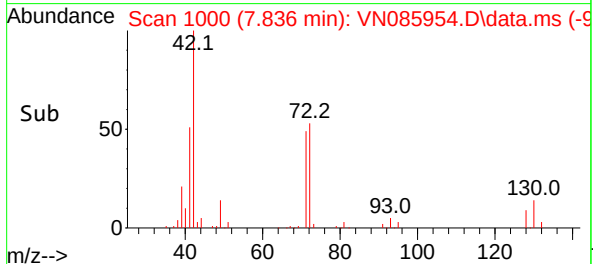
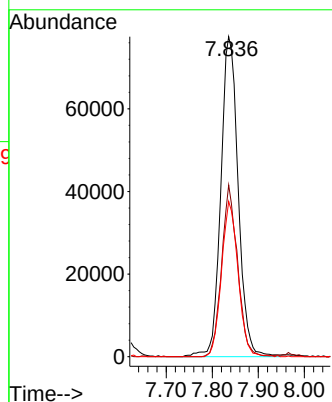
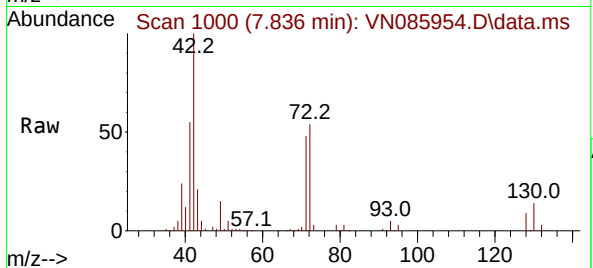
Tgt Ion: 42 Resp: 202311

Ion Ratio Lower Upper

42 100

72 49.4 40.0 60.0

71 46.3 37.0 55.4



#30

Chloroform

Concen: 47.760 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN085954.D

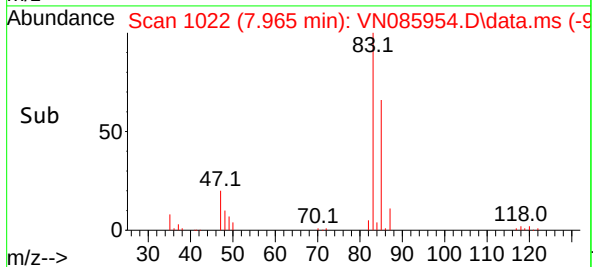
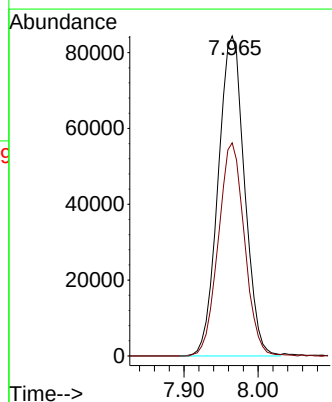
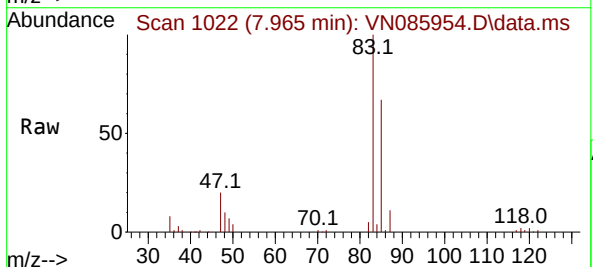
Acq: 12 Mar 2025 12:30

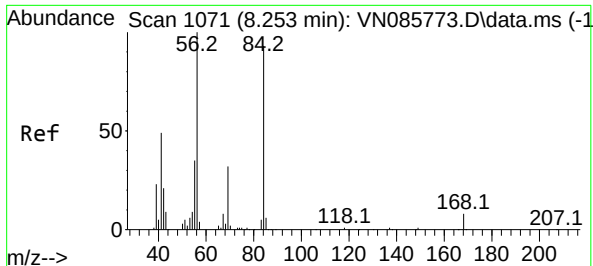
Tgt Ion: 83 Resp: 208513

Ion Ratio Lower Upper

83 100

85 66.6 50.9 76.3

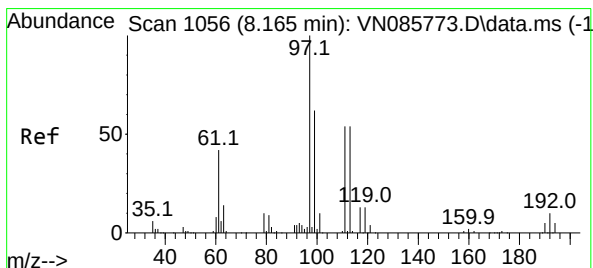
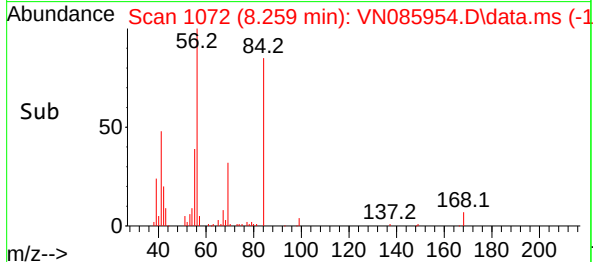
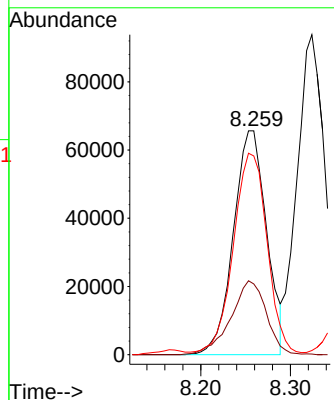
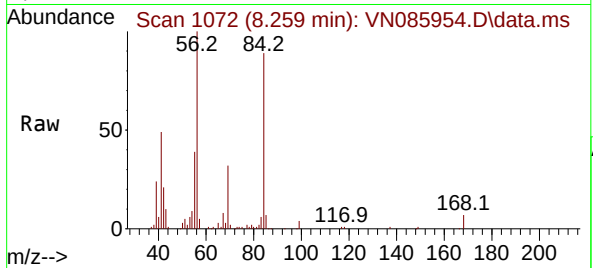




#31
Cyclohexane
Concen: 48.259 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

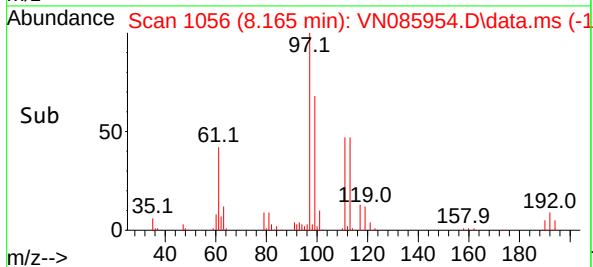
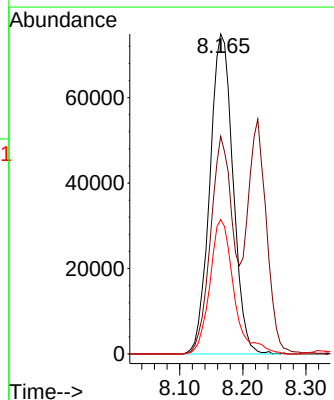
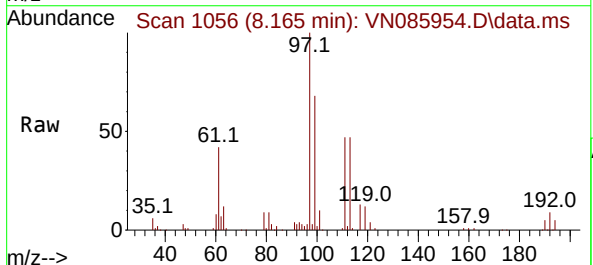
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

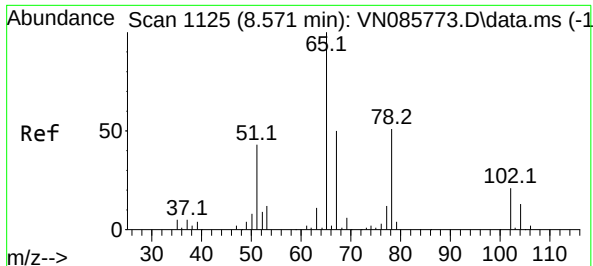
Tgt Ion: 56 Resp: 168806
Ion Ratio Lower Upper
56 100
69 31.6 25.8 38.6
84 87.1 74.5 111.7



#32
1,1,1-Trichloroethane
Concen: 49.192 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

Tgt Ion: 97 Resp: 191021
Ion Ratio Lower Upper
97 100
99 65.6 50.4 75.6
61 43.5 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 41.636 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085954.D

Acq: 12 Mar 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

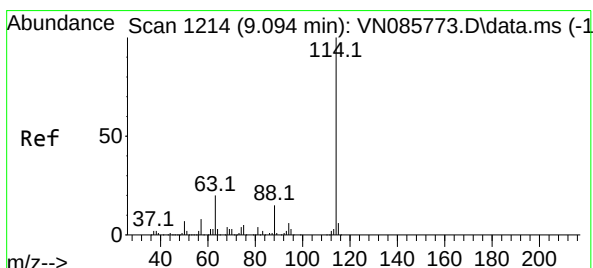
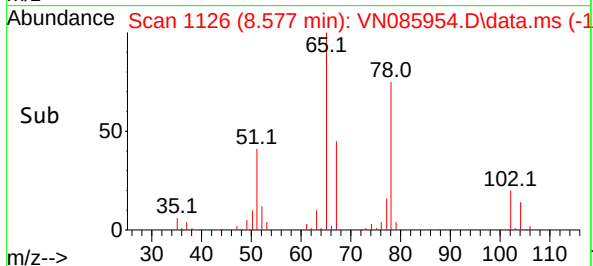
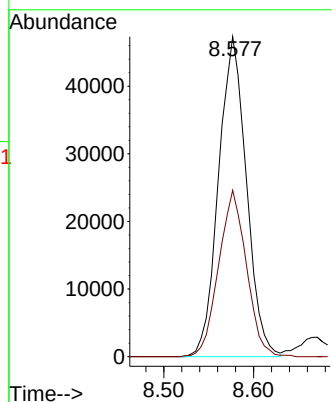
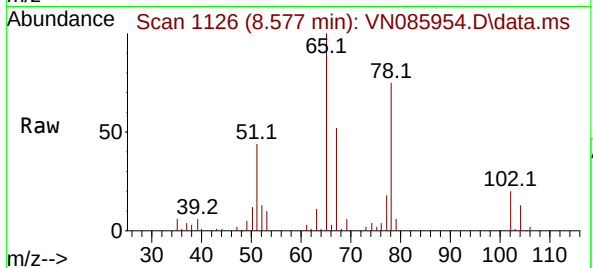
VSTDCCC050

Tgt Ion: 65 Resp: 101968

Ion Ratio Lower Upper

65 100

67 52.0 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085954.D

Acq: 12 Mar 2025 12:30

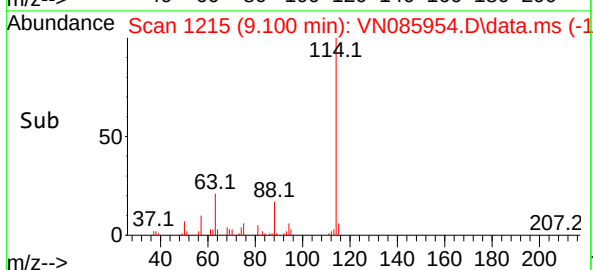
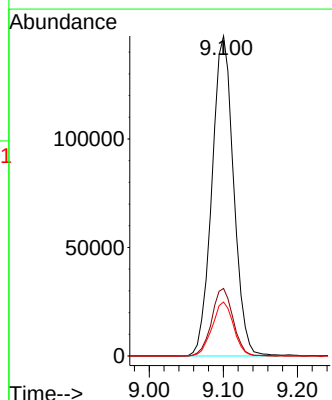
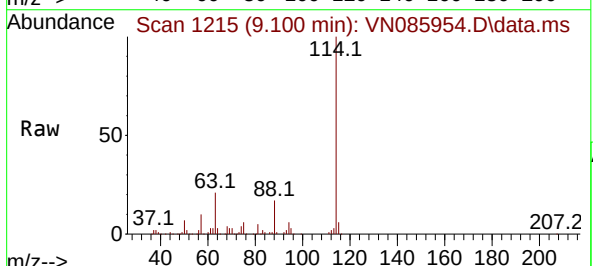
Tgt Ion: 114 Resp: 299646

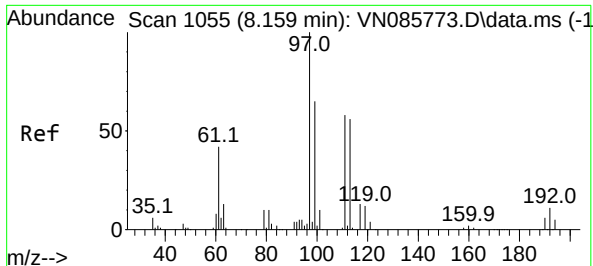
Ion Ratio Lower Upper

114 100

63 21.1 0.0 39.2

88 16.9 0.0 30.0

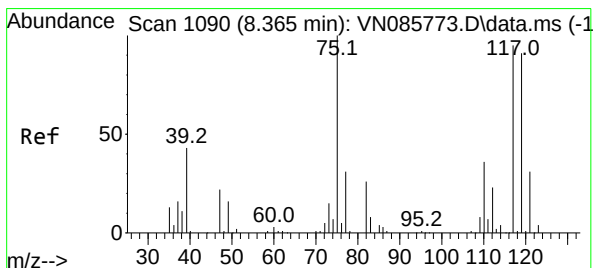
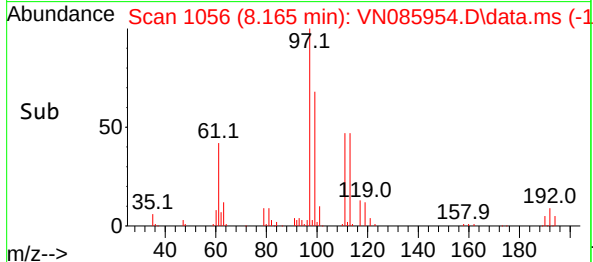
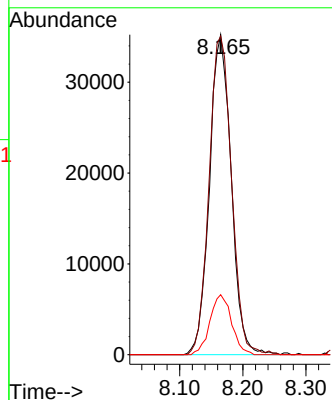
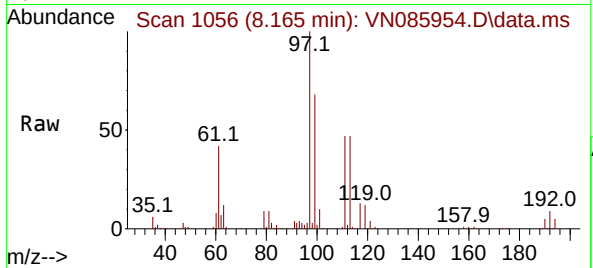




#35
Dibromofluoromethane
Concen: 43.064 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

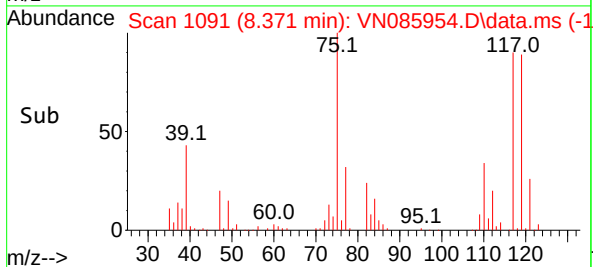
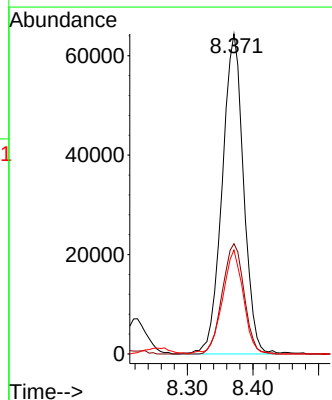
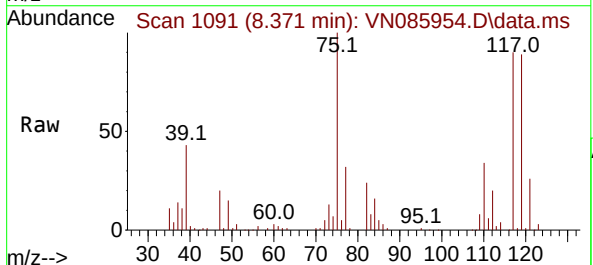
Instrument :
MSVOA_N
ClientSampleId :
VSTDC050

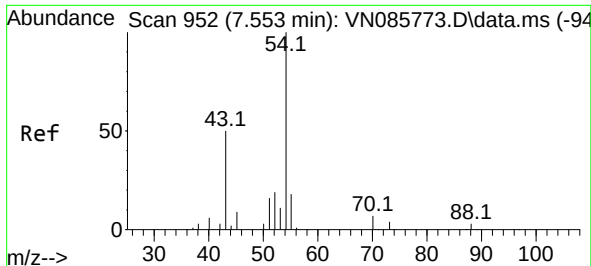
Tgt Ion:113 Resp: 84437
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 18.6 14.7 22.1



#36
1,1-Dichloropropene
Concen: 52.463 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

Tgt Ion: 75 Resp: 145584
Ion Ratio Lower Upper
75 100
110 35.1 17.3 52.0
77 31.8 24.6 37.0

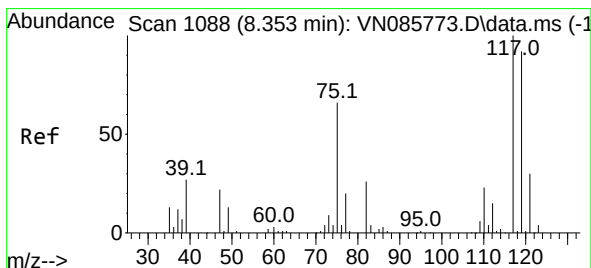
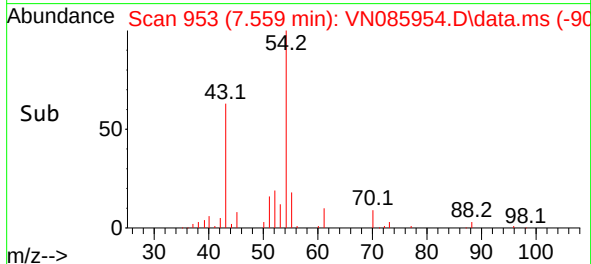
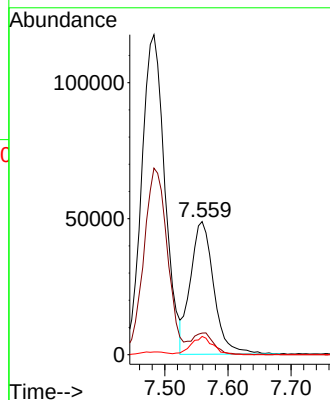
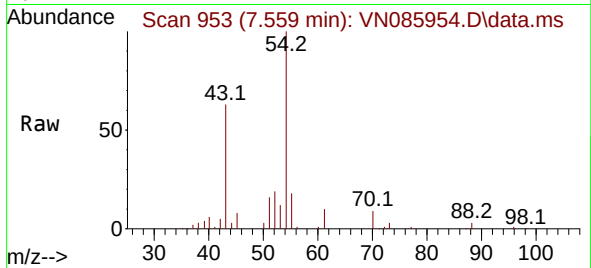




#37
Ethyl Acetate
Concen: 54.967 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

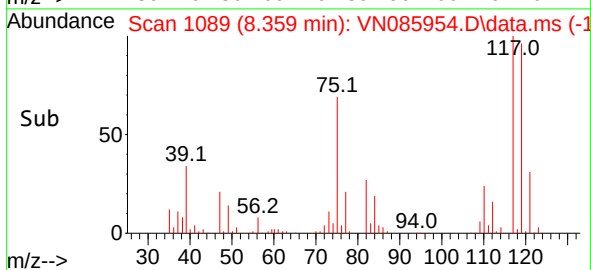
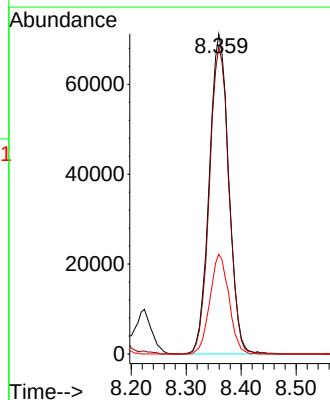
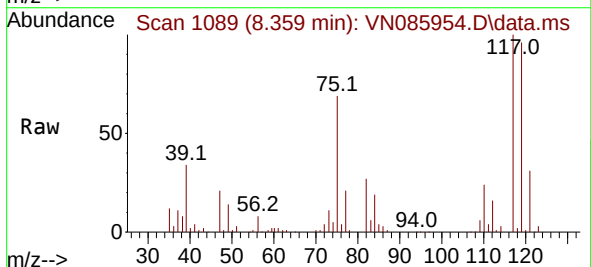
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

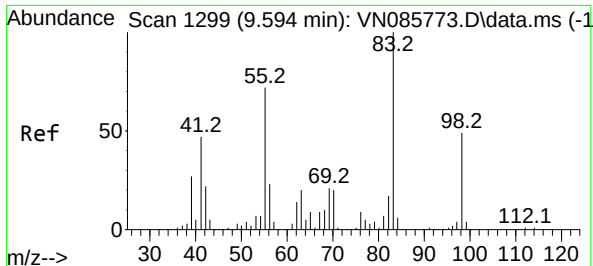
Tgt Ion: 43 Resp: 125524
Ion Ratio Lower Upper
43 100
61 15.0 12.2 18.2
70 12.8 9.5 14.3



#38
Carbon Tetrachloride
Concen: 53.094 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

Tgt Ion: 117 Resp: 175064
Ion Ratio Lower Upper
117 100
119 96.0 73.8 110.6
121 31.2 24.3 36.5





#39

Methylcyclohexane

Concen: 55.974 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN085954.D

Acq: 12 Mar 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

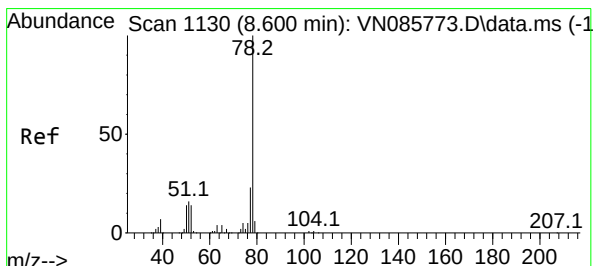
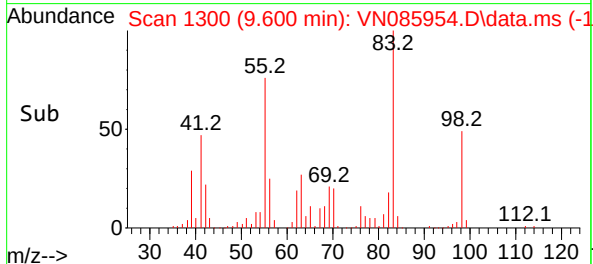
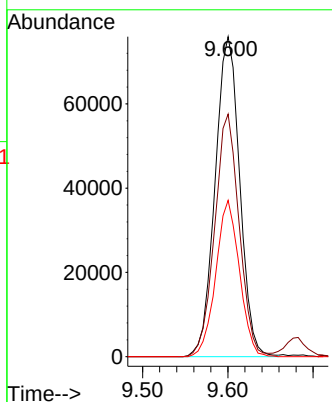
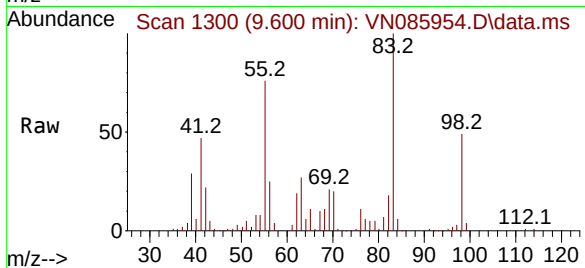
Tgt Ion: 83 Resp: 152593

Ion Ratio Lower Upper

83 100

55 75.8 57.5 86.3

98 48.9 39.2 58.8



#40

Benzene

Concen: 51.536 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN085954.D

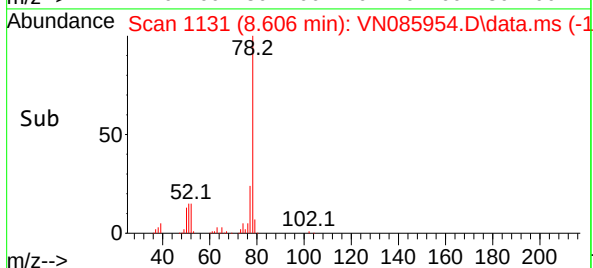
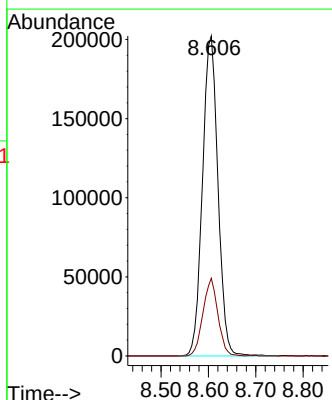
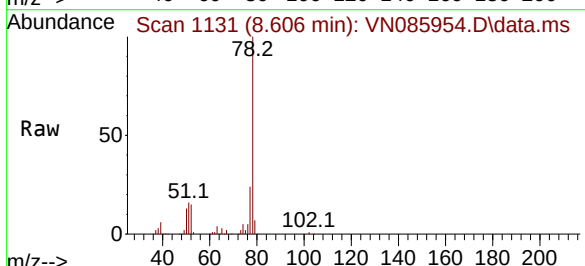
Acq: 12 Mar 2025 12:30

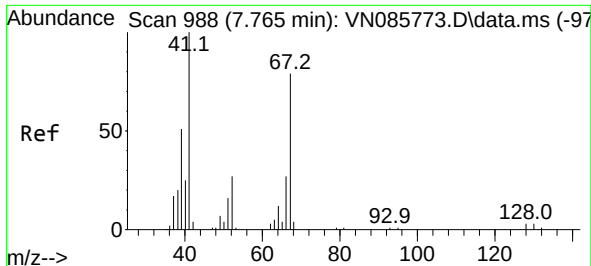
Tgt Ion: 78 Resp: 458359

Ion Ratio Lower Upper

78 100

77 24.3 18.3 27.5



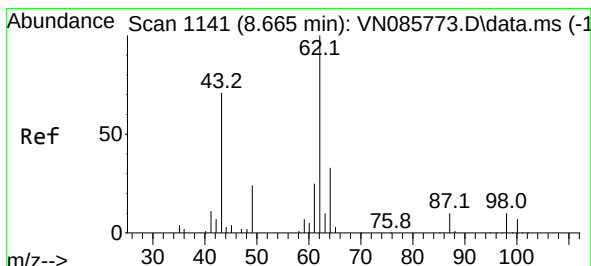
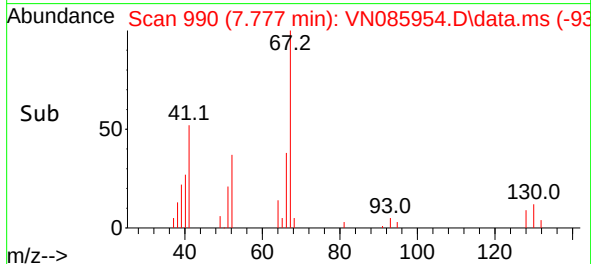
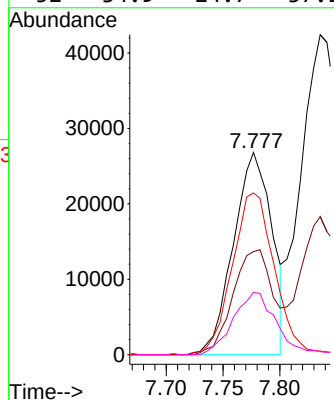
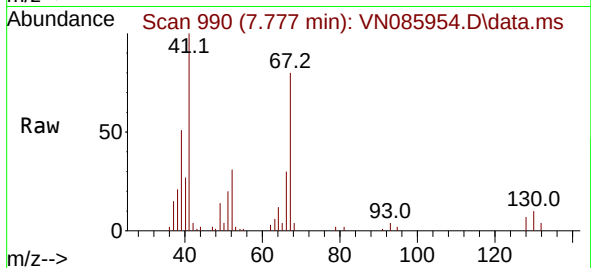


#41
Methacrylonitrile
Concen: 51.773 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 63203

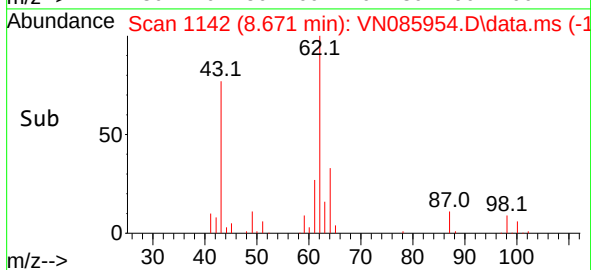
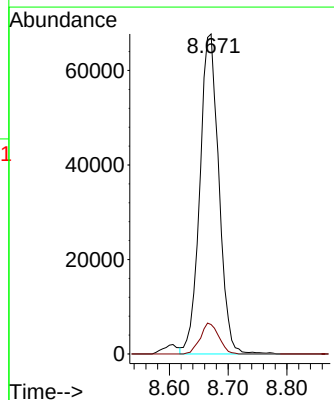
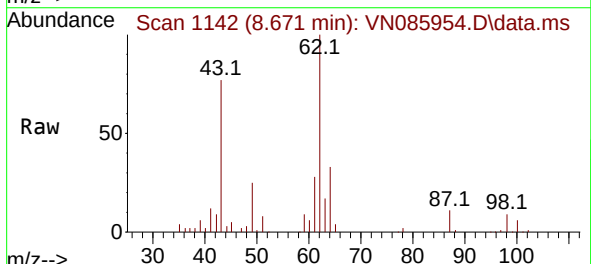
Ion	Ratio	Lower	Upper
41	100		
39	53.0	42.0	63.0
67	88.0	64.2	96.4
52	34.9	24.7	37.1

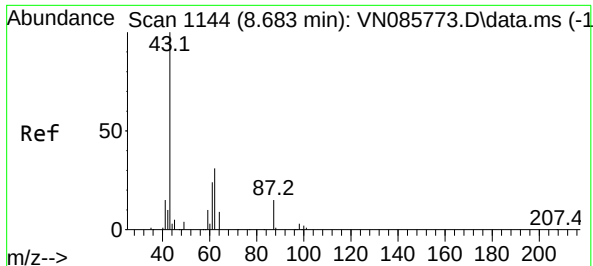


#42
1,2-Dichloroethane
Concen: 52.425 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

Tgt Ion: 62 Resp: 151875

Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.6

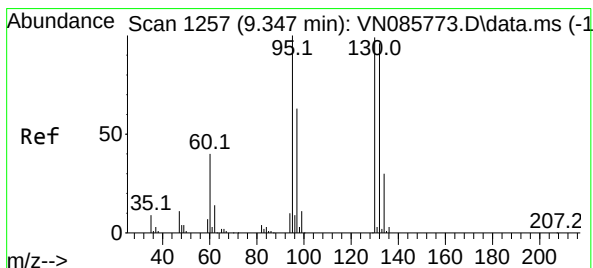
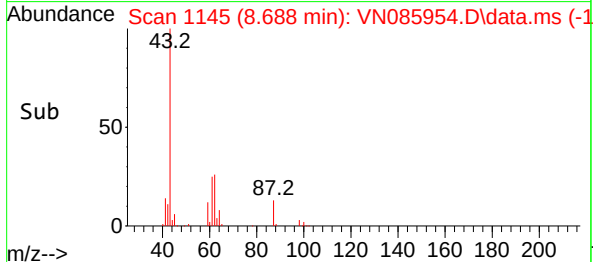
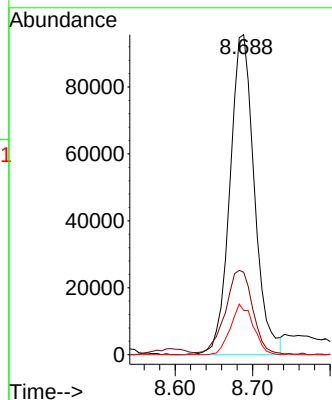
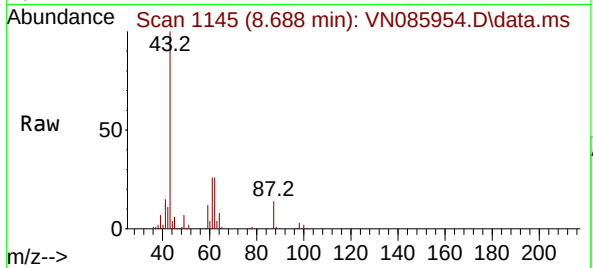




#43
Isopropyl Acetate
Concen: 52.438 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

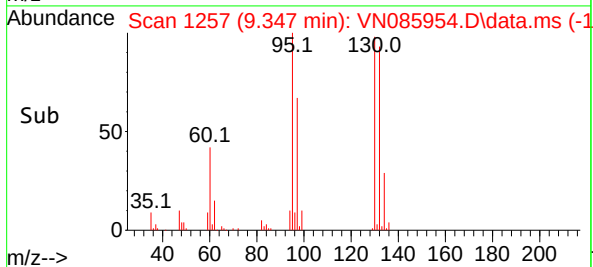
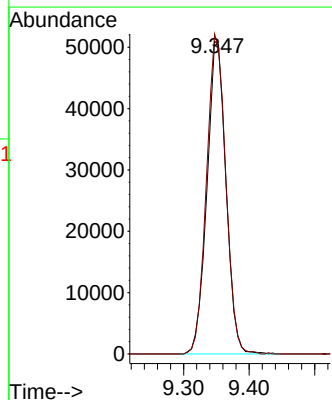
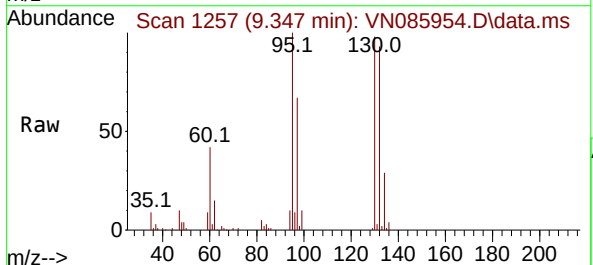
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

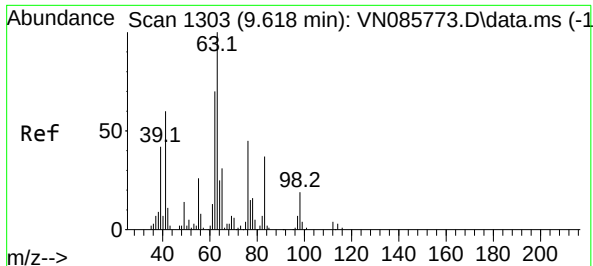
Tgt Ion: 43 Resp: 210053
Ion Ratio Lower Upper
43 100
61 29.5 22.6 34.0
87 14.7 11.8 17.8



#44
Trichloroethene
Concen: 47.084 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

Tgt Ion: 130 Resp: 102820
Ion Ratio Lower Upper
130 100
95 102.4 0.0 202.6





#45

1,2-Dichloropropane

Concen: 51.093 ug/l

RT: 9.618 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085954.D

Acq: 12 Mar 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

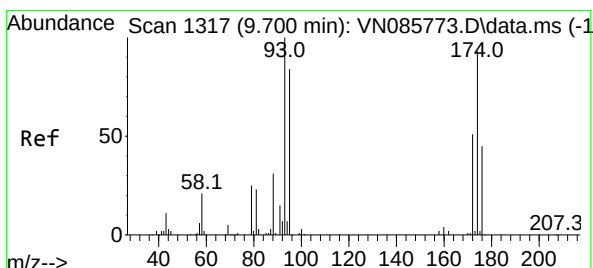
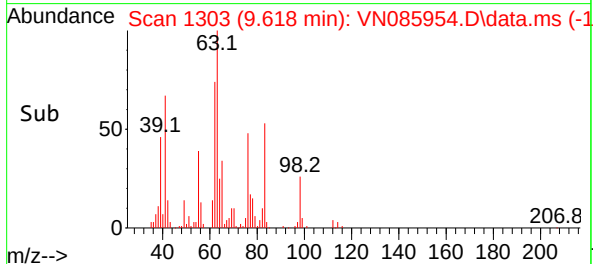
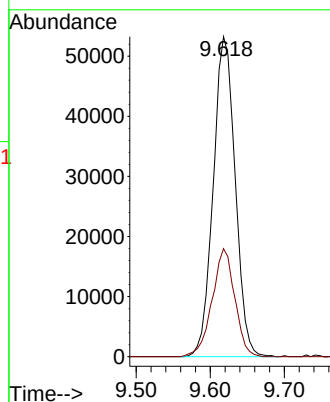
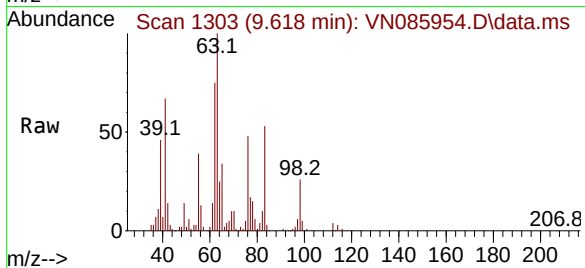
VSTDCCC050

Tgt Ion: 63 Resp: 109688

Ion Ratio Lower Upper

63 100

65 33.7 25.1 37.7



#46

Dibromomethane

Concen: 51.472 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN085954.D

Acq: 12 Mar 2025 12:30

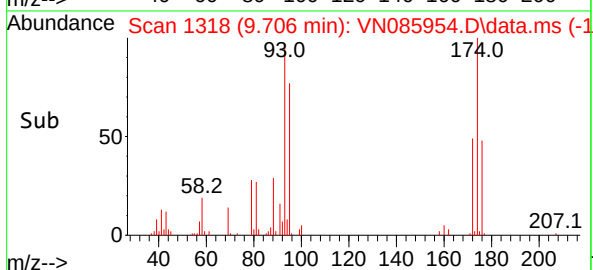
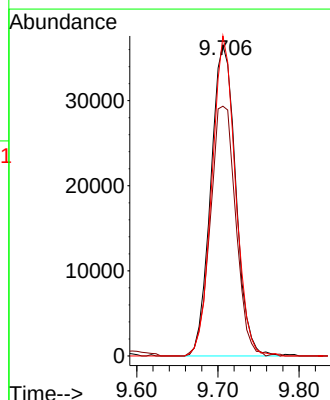
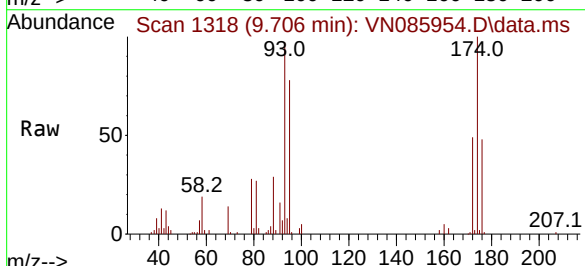
Tgt Ion: 93 Resp: 77944

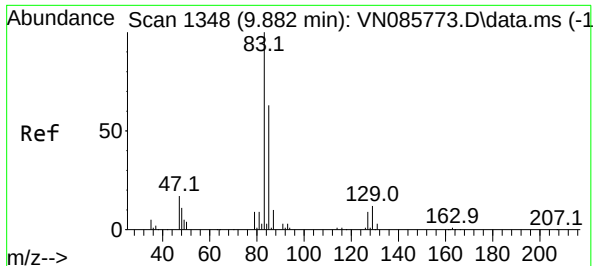
Ion Ratio Lower Upper

93 100

95 82.0 66.7 100.1

174 96.9 77.2 115.8

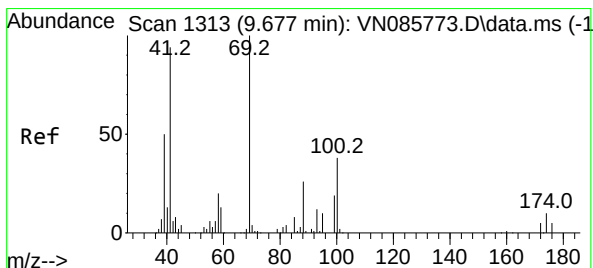
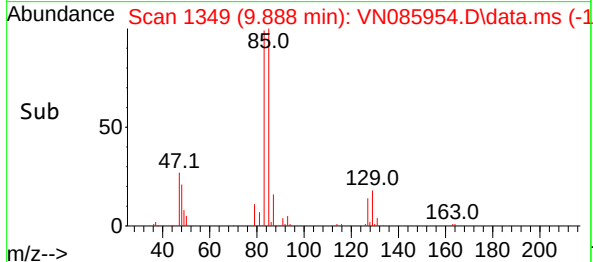
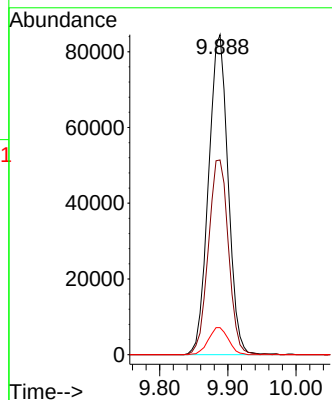
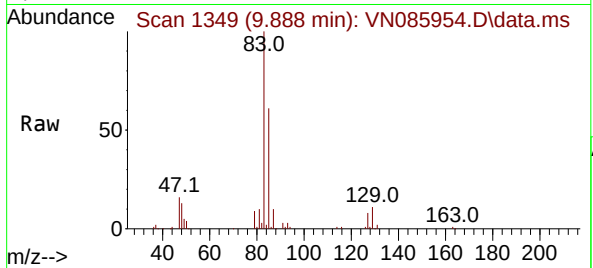




#47
 Bromodichloromethane
 Concen: 52.074 ug/l
 RT: 9.888 min Scan# 1348
 Delta R.T. 0.006 min
 Lab File: VN085954.D
 Acq: 12 Mar 2025 12:30

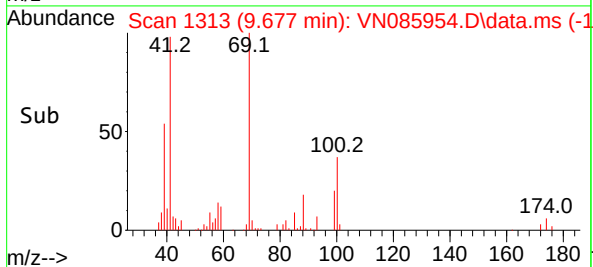
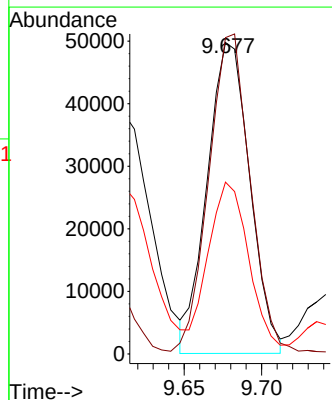
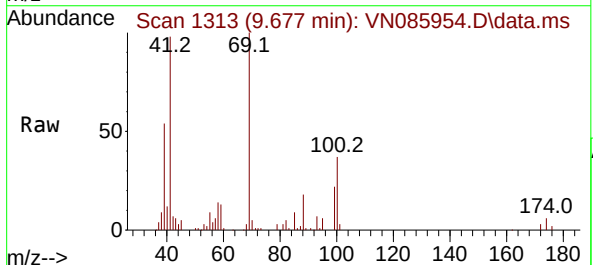
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

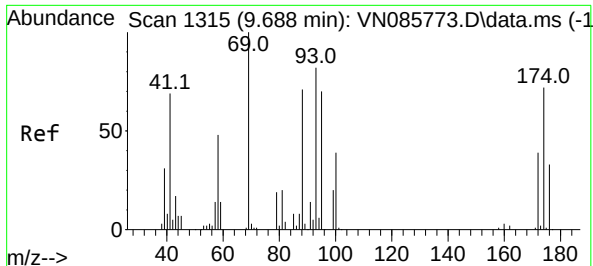
Tgt Ion: 83 Resp: 168710
 Ion Ratio Lower Upper
 83 100
 85 60.8 50.5 75.7
 127 8.5 7.2 10.8



#48
 Methyl methacrylate
 Concen: 56.046 ug/l
 RT: 9.677 min Scan# 1313
 Delta R.T. 0.000 min
 Lab File: VN085954.D
 Acq: 12 Mar 2025 12:30

Tgt Ion: 41 Resp: 95053
 Ion Ratio Lower Upper
 41 100
 69 101.2 76.0 114.0
 39 52.7 42.3 63.5





#49

1,4-Dioxane

Concen: 1184.989 ug/l

RT: 9.688 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085954.D

Acq: 12 Mar 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

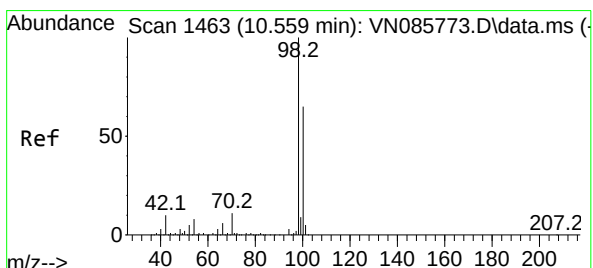
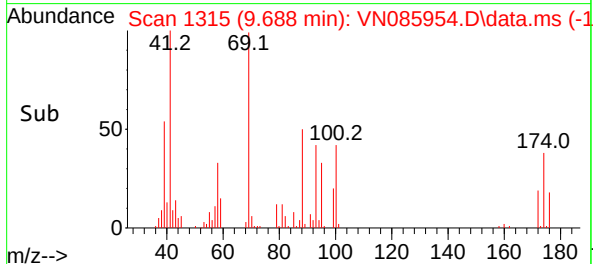
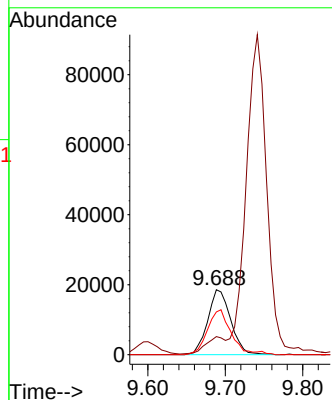
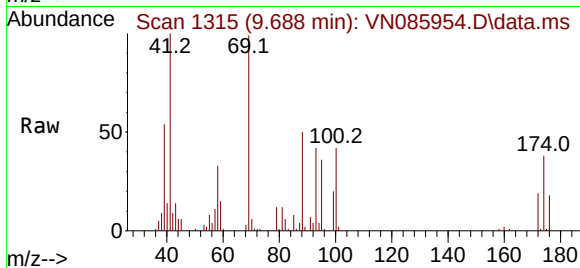
Tgt Ion: 88 Resp: 38217

Ion Ratio Lower Upper

88 100

43 22.3 18.6 27.8

58 71.8 56.7 85.1



#50

Toluene-d8

Concen: 42.491 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085954.D

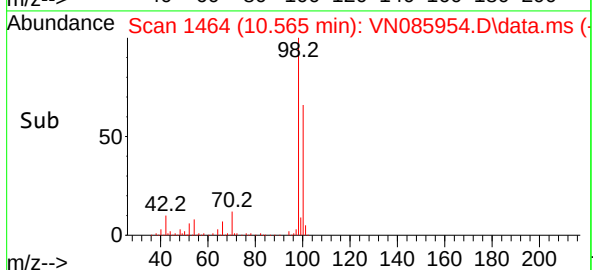
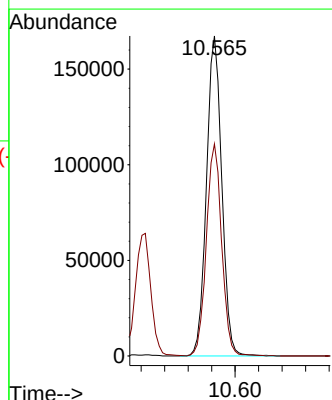
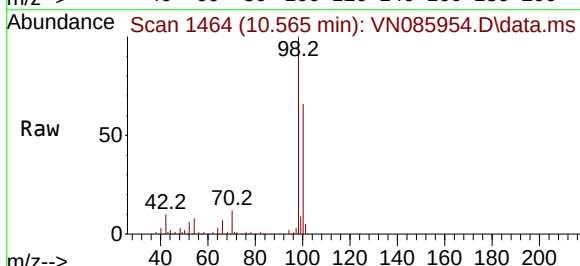
Acq: 12 Mar 2025 12:30

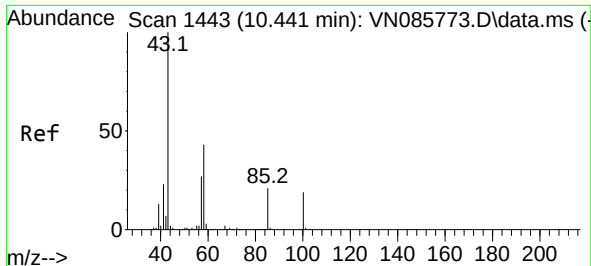
Tgt Ion: 98 Resp: 303119

Ion Ratio Lower Upper

98 100

100 66.3 52.1 78.1

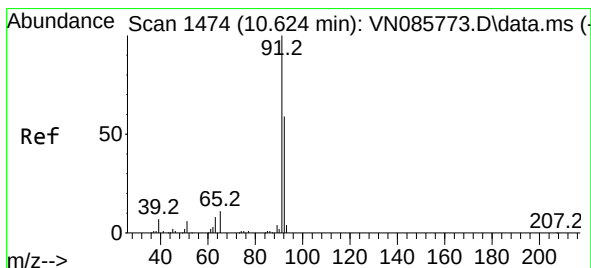
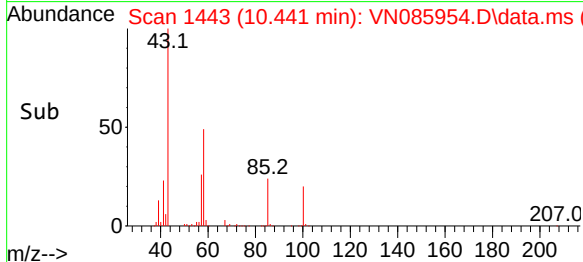
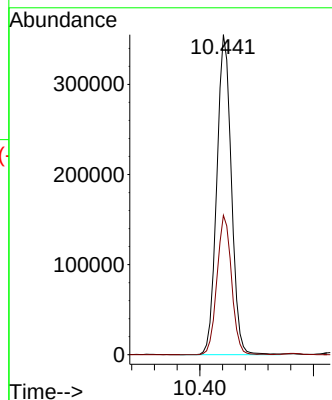
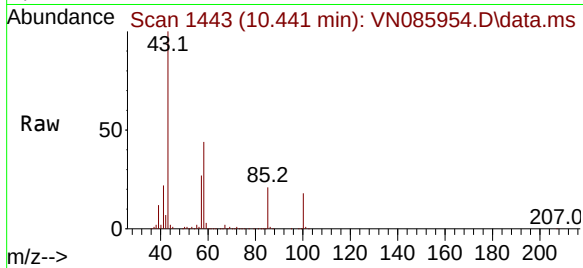




#51
4-Methyl-2-Pentanone
Concen: 287.192 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

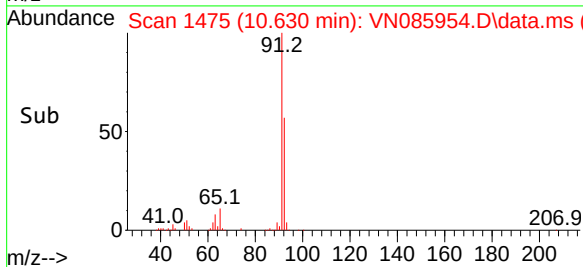
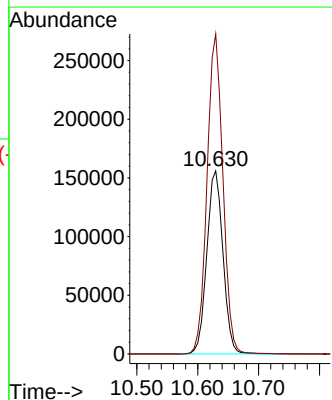
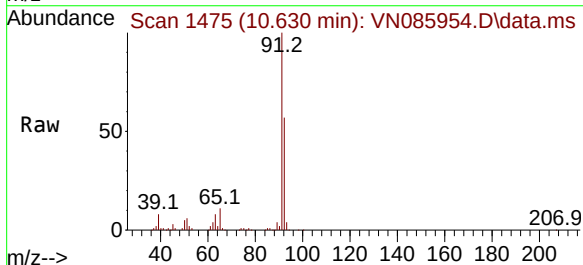
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

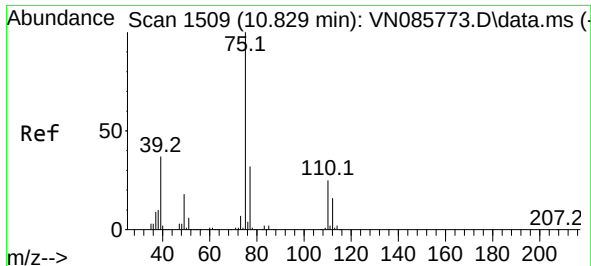
Tgt Ion: 43 Resp: 632322
Ion Ratio Lower Upper
43 100
58 43.4 34.6 52.0



#52
Toluene
Concen: 55.206 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

Tgt Ion: 92 Resp: 287818
Ion Ratio Lower Upper
92 100
91 171.6 136.9 205.3

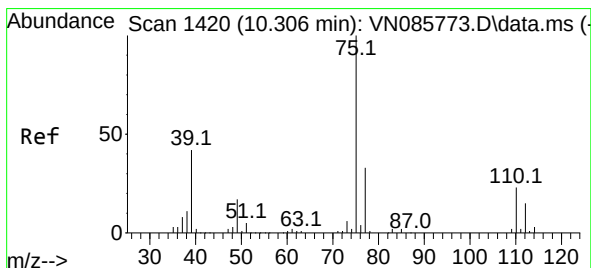
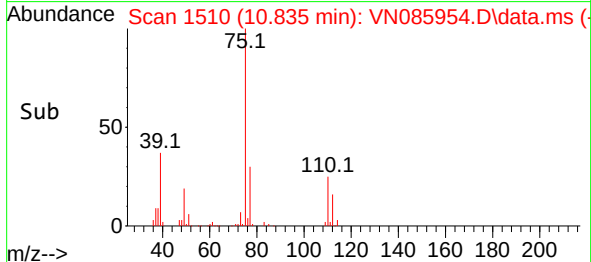
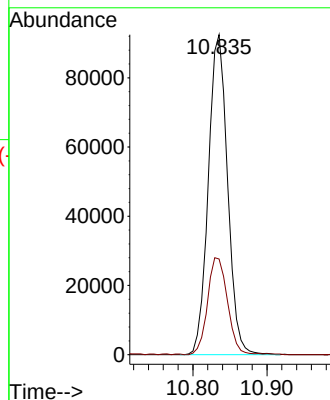
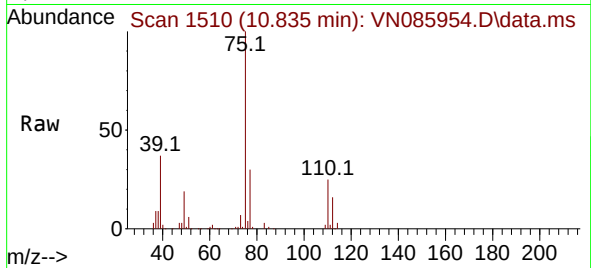




#53
t-1,3-Dichloropropene
Concen: 55.627 ug/l
RT: 10.835 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

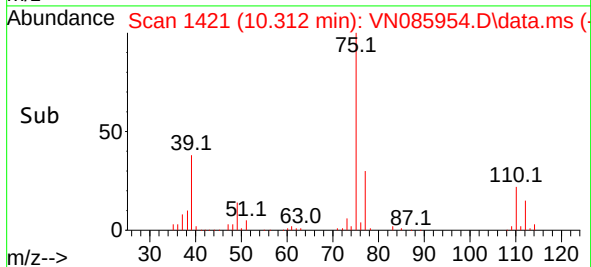
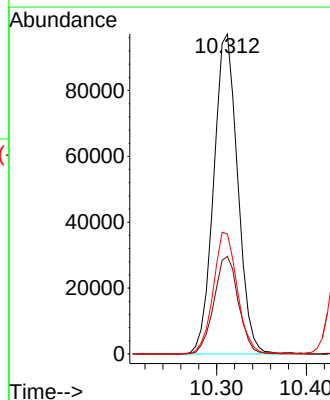
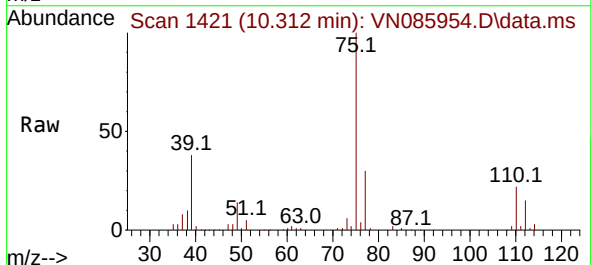
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

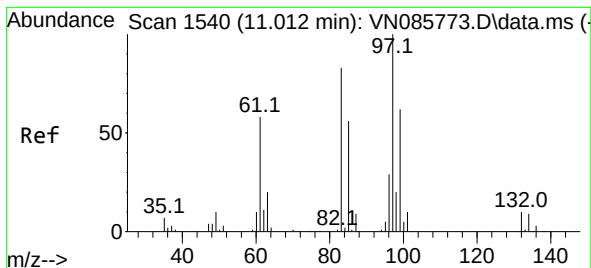
Tgt Ion: 75 Resp: 166646
Ion Ratio Lower Upper
75 100
77 29.7 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 54.838 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

Tgt Ion: 75 Resp: 180148
Ion Ratio Lower Upper
75 100
77 30.5 26.1 39.1
39 37.5 33.4 50.0





#55

1,1,2-Trichloroethane

Concen: 51.154 ug/l

RT: 11.018 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085954.D

Acq: 12 Mar 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 106035

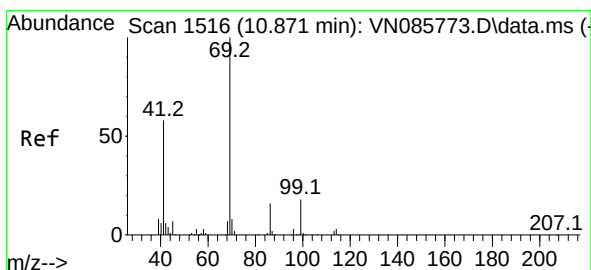
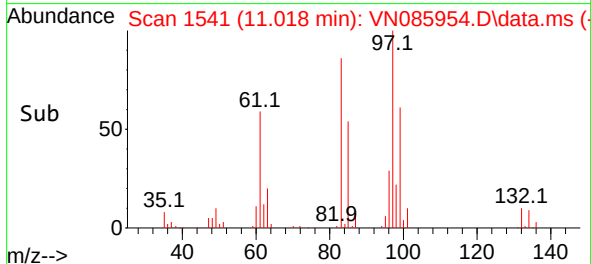
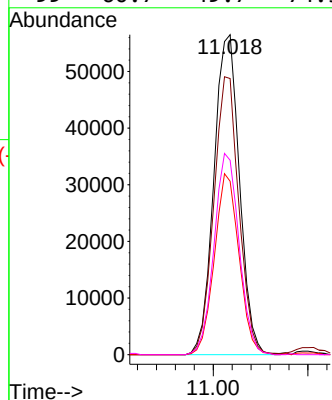
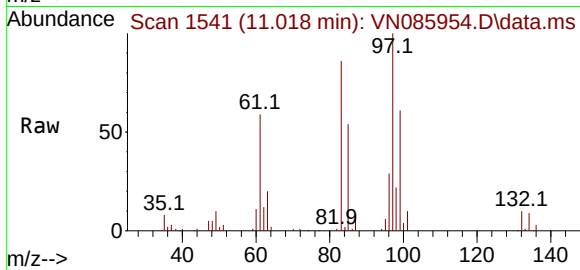
Ion Ratio Lower Upper

97 100

83 86.3 66.1 99.1

85 54.2 44.7 67.1

99 60.7 49.7 74.5



#56

Ethyl methacrylate

Concen: 53.876 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VN085954.D

Acq: 12 Mar 2025 12:30

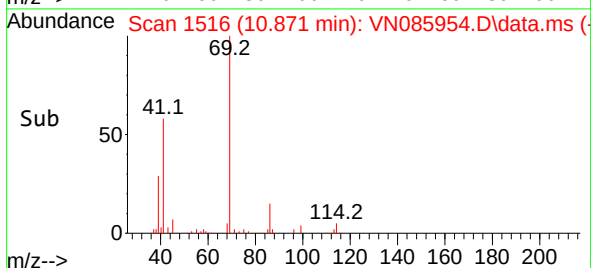
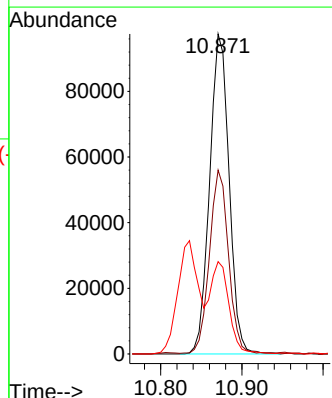
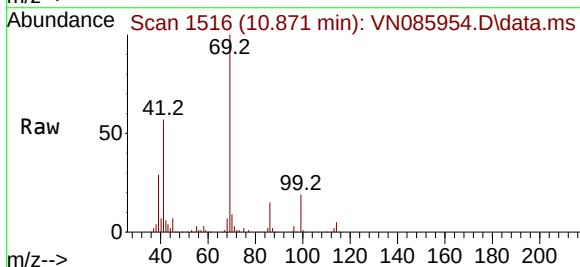
Tgt Ion: 69 Resp: 162099

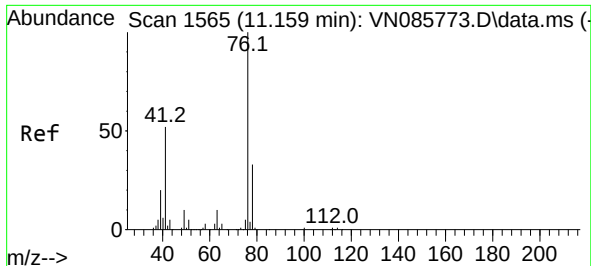
Ion Ratio Lower Upper

69 100

41 55.7 46.0 69.0

39 27.8 22.0 33.0





#57

1,3-Dichloropropane

Concen: 52.726 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085954.D

Acq: 12 Mar 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

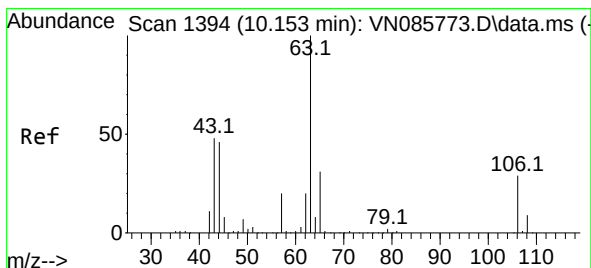
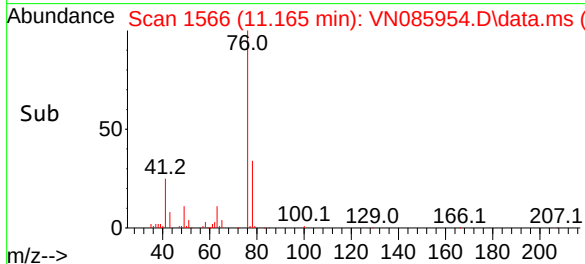
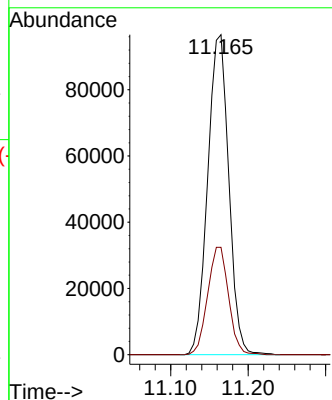
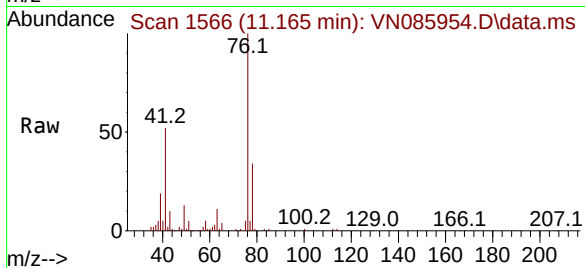
VSTDCCC050

Tgt Ion: 76 Resp: 182447

Ion Ratio Lower Upper

76 100

78 33.3 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 280.568 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.006 min

Lab File: VN085954.D

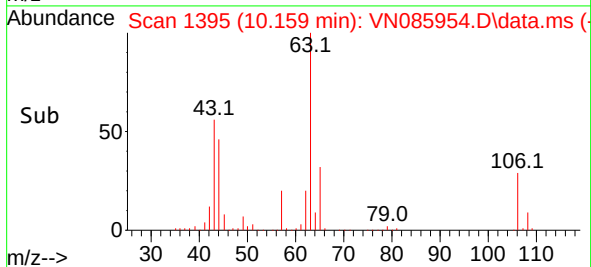
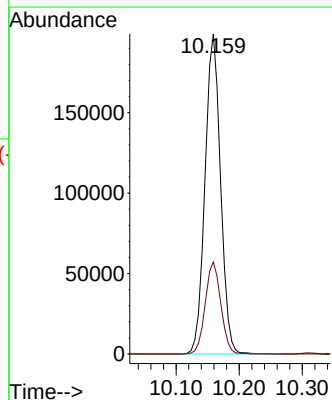
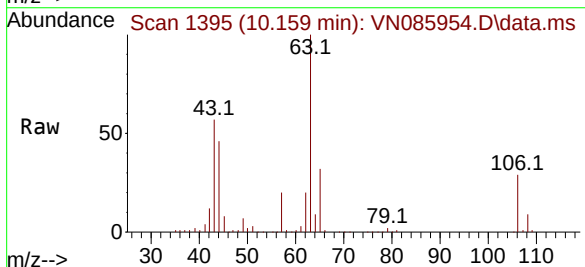
Acq: 12 Mar 2025 12:30

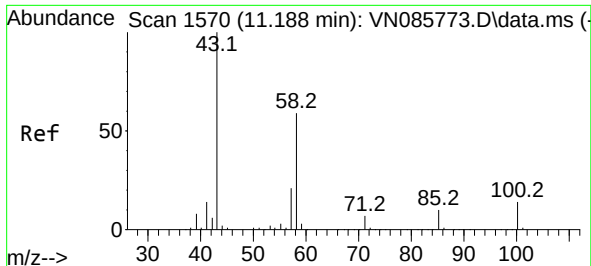
Tgt Ion: 63 Resp: 339063

Ion Ratio Lower Upper

63 100

106 28.8 22.7 34.1





#59

2-Hexanone

Concen: 303.645 ug/l

RT: 11.194 min Scan# 1571

Delta R.T. 0.006 min

Lab File: VN085954.D

Acq: 12 Mar 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

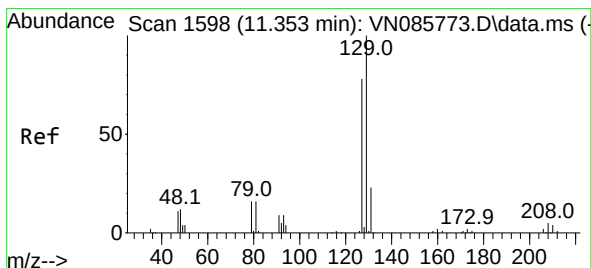
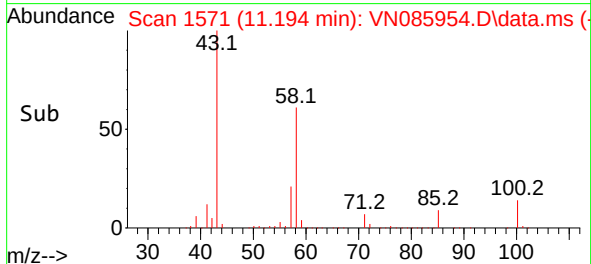
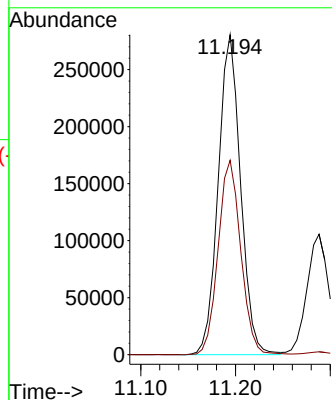
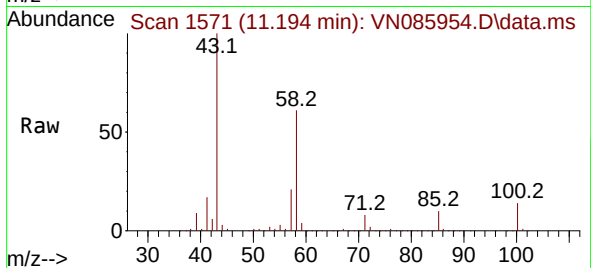
VSTDCCC050

Tgt Ion: 43 Resp: 459924

Ion Ratio Lower Upper

43 100

58 61.6 29.8 89.5



#60

Dibromochloromethane

Concen: 54.353 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. 0.006 min

Lab File: VN085954.D

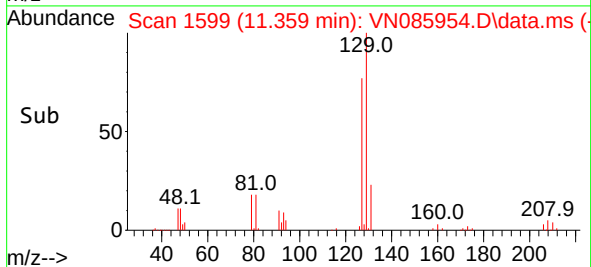
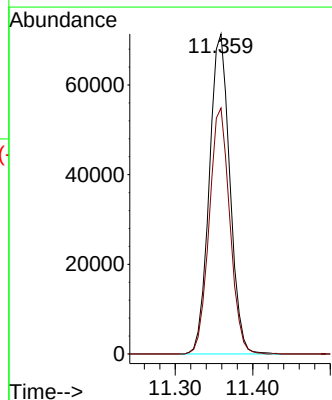
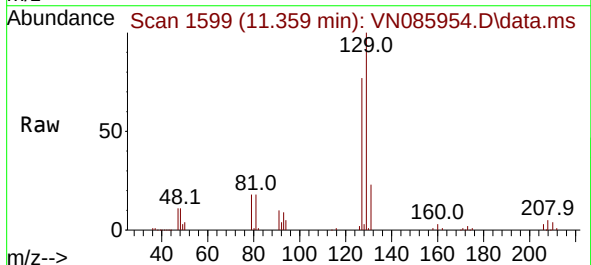
Acq: 12 Mar 2025 12:30

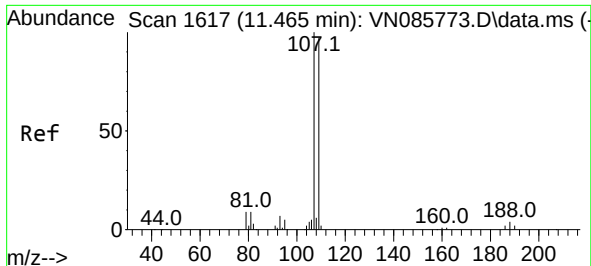
Tgt Ion:129 Resp: 131193

Ion Ratio Lower Upper

129 100

127 77.1 39.1 117.5

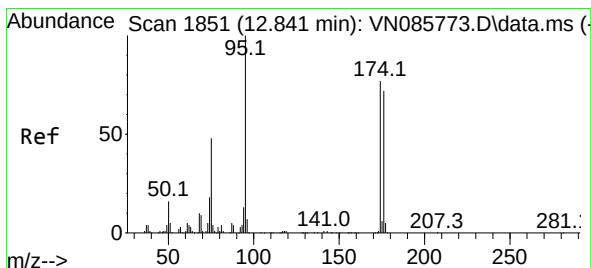
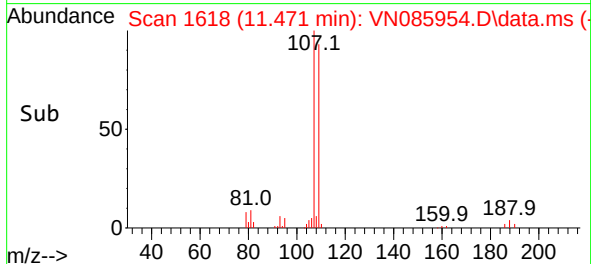
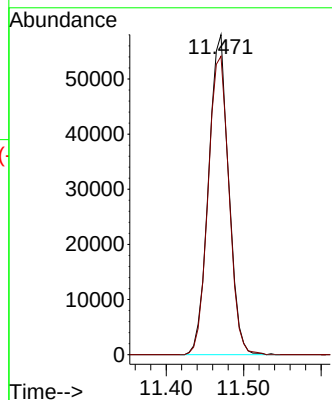
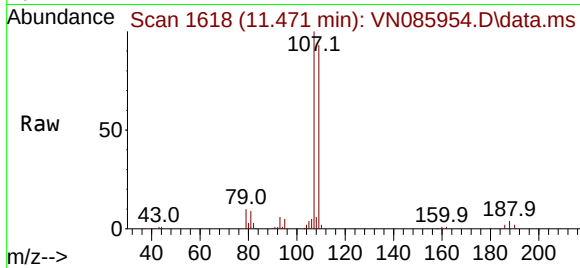




#61
1,2-Dibromoethane
Concen: 53.351 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

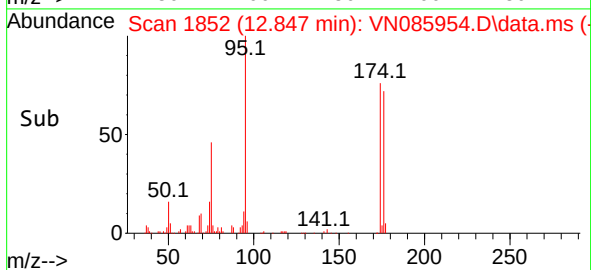
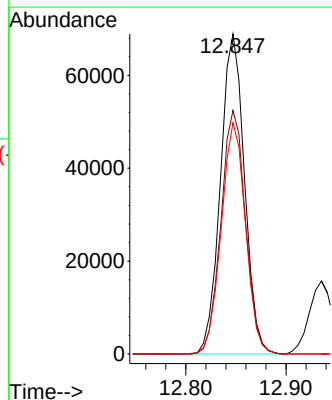
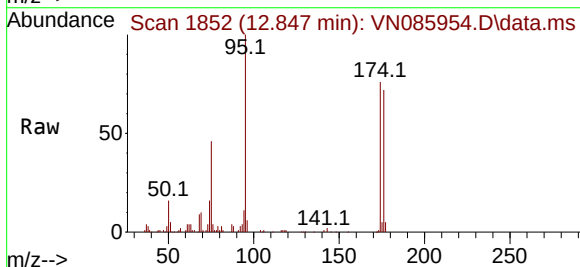
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

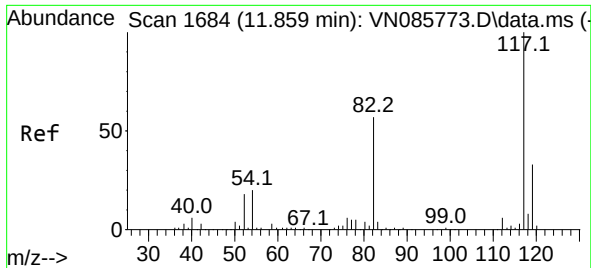
Tgt Ion:107 Resp: 104489
Ion Ratio Lower Upper
107 100
109 96.7 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 48.627 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

Tgt Ion: 95 Resp: 114294
Ion Ratio Lower Upper
95 100
174 77.8 0.0 152.4
176 73.2 0.0 146.6

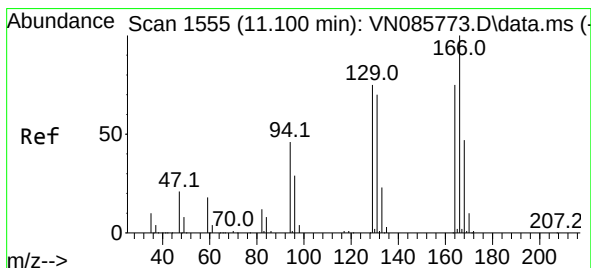
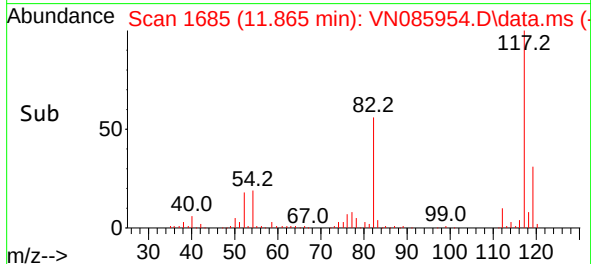
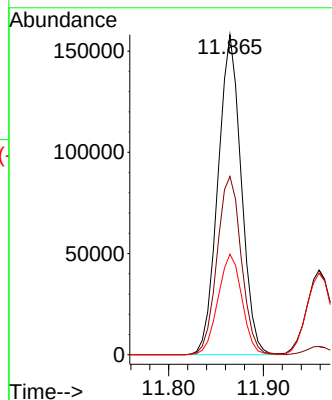
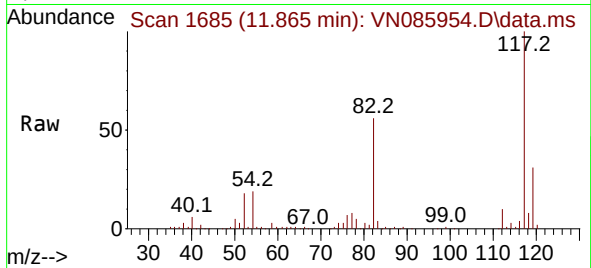




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

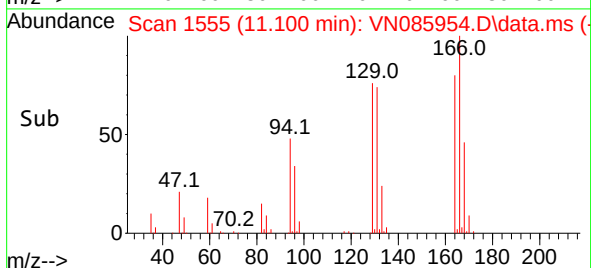
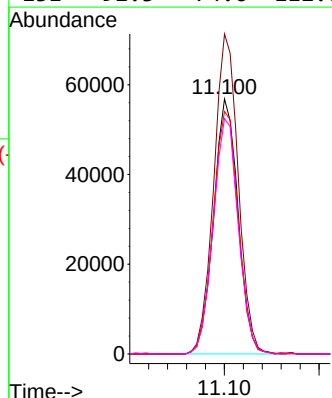
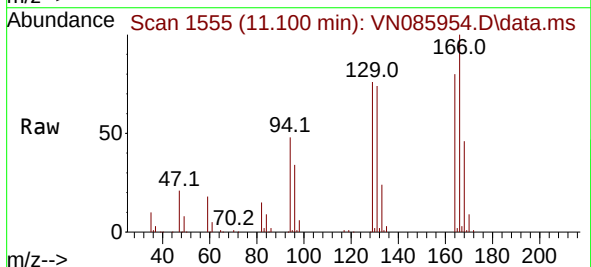
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

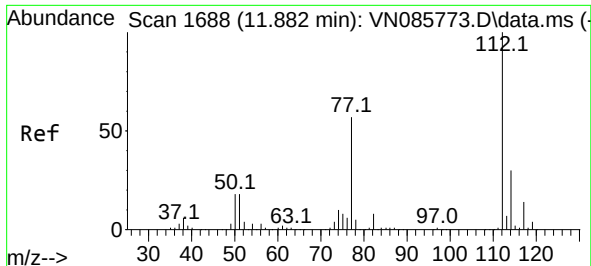
Tgt Ion:117 Resp: 270670
Ion Ratio Lower Upper
117 100
82 55.7 45.7 68.5
119 31.4 26.2 39.2



#64
Tetrachloroethene
Concen: 48.395 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

Tgt Ion:164 Resp: 101479
Ion Ratio Lower Upper
164 100
166 125.5 107.2 160.8
129 95.0 80.7 121.1
131 92.3 74.6 112.0

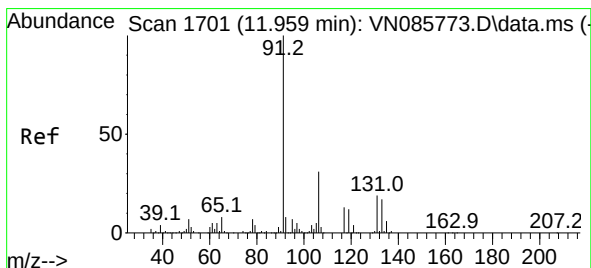
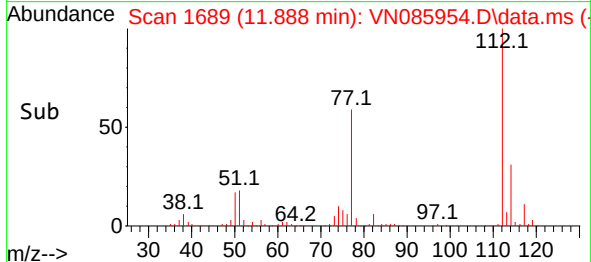
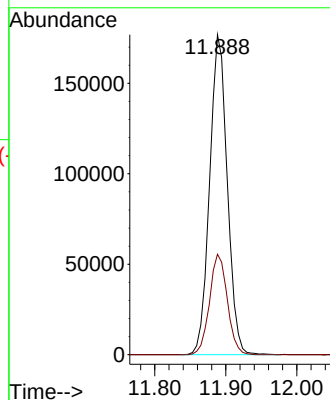
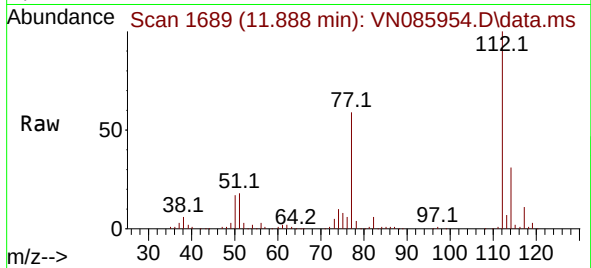




#65
Chlorobenzene
Concen: 49.146 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

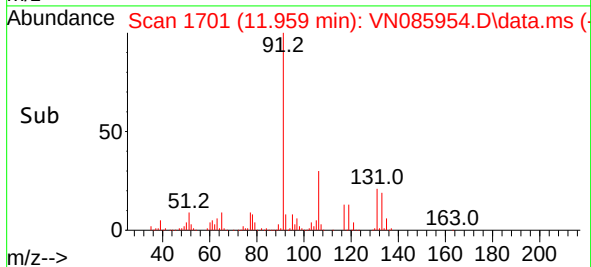
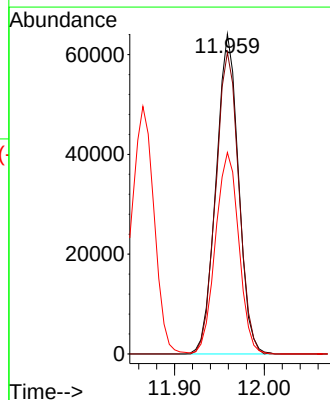
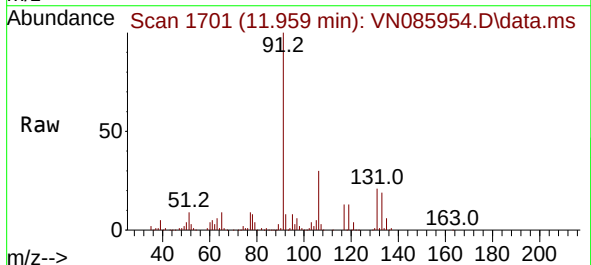
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

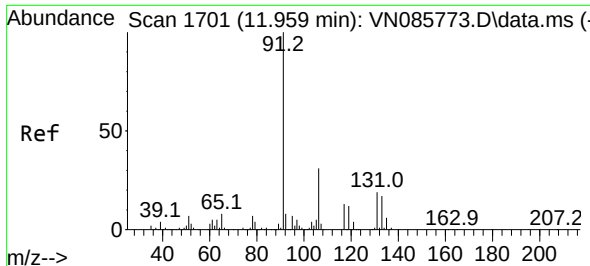
Tgt Ion:112 Resp: 304735
Ion Ratio Lower Upper
112 100
114 31.4 24.3 36.5



#66
1,1,1,2-Tetrachloroethane
Concen: 50.111 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

Tgt Ion:131 Resp: 111684
Ion Ratio Lower Upper
131 100
133 96.5 47.7 143.1
119 65.3 33.3 99.8

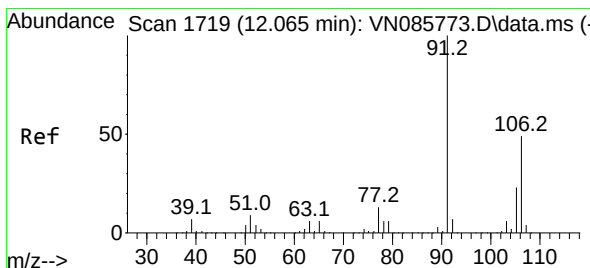
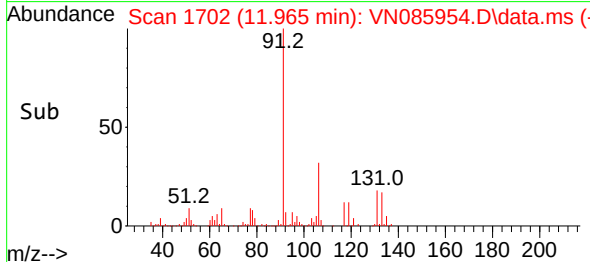
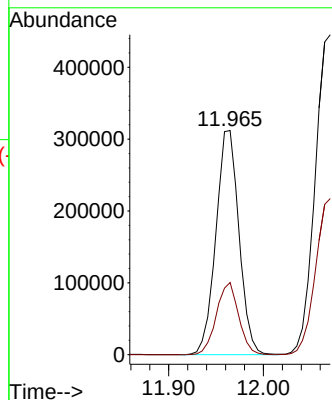
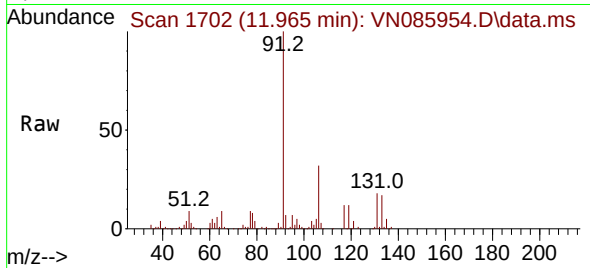




#67
Ethyl Benzene
Concen: 54.480 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

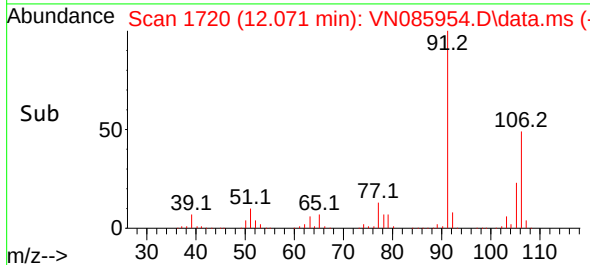
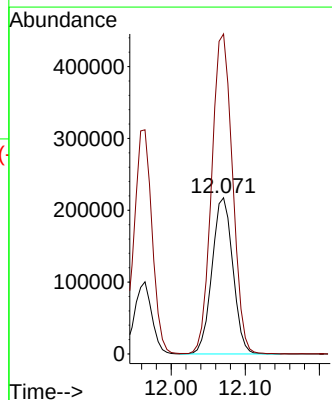
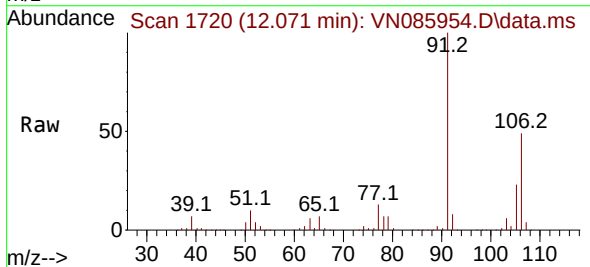
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

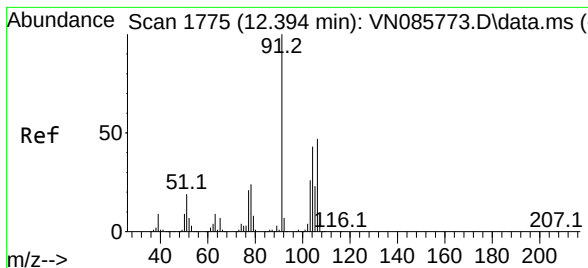
Tgt Ion: 91 Resp: 529169
Ion Ratio Lower Upper
91 100
106 32.2 24.7 37.1



#68
m/p-Xylenes
Concen: 114.775 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

Tgt Ion: 106 Resp: 423460
Ion Ratio Lower Upper
106 100
91 205.6 163.3 244.9

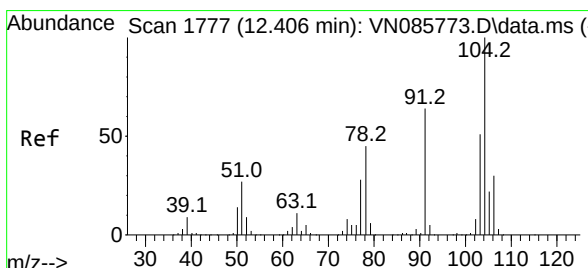
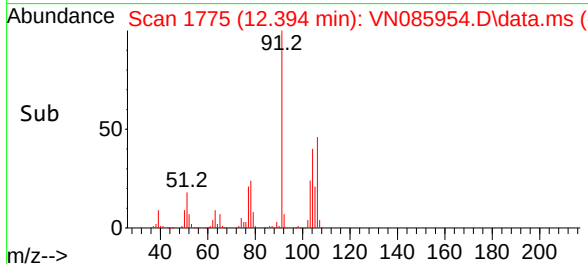
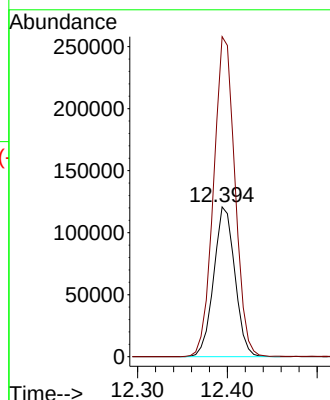
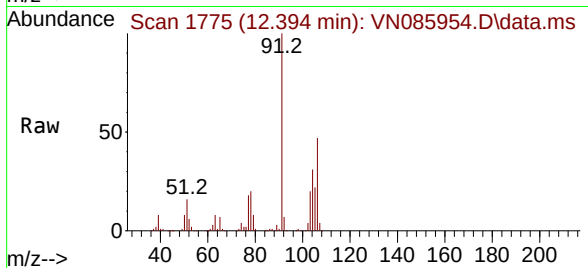




#69
o-Xylene
Concen: 56.347 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

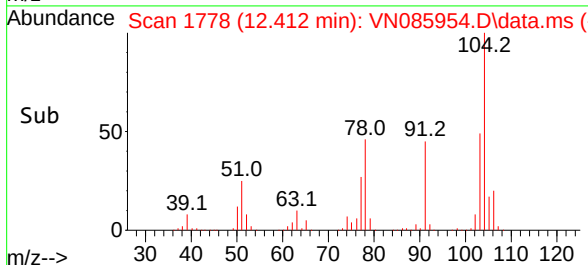
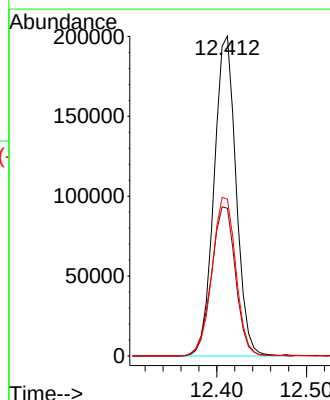
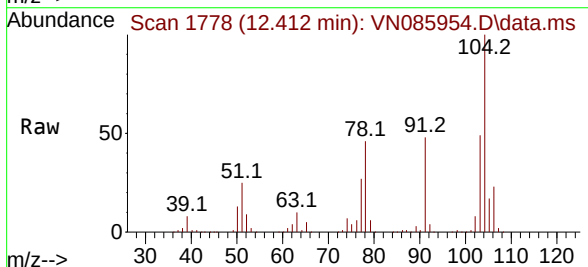
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

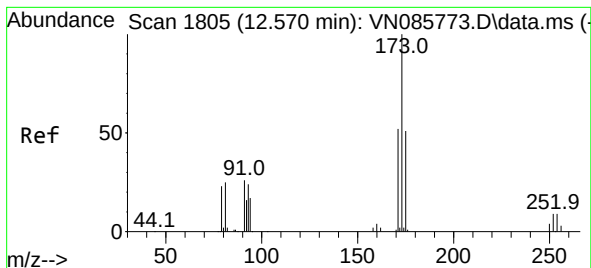
Tgt Ion:106 Resp: 197549
Ion Ratio Lower Upper
106 100
91 216.3 107.1 321.4



#70
Styrene
Concen: 51.998 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

Tgt Ion:104 Resp: 340692
Ion Ratio Lower Upper
104 100
78 51.3 39.0 58.6
103 53.6 43.3 64.9





#71

Bromoform

Concen: 54.153 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.006 min

Lab File: VN085954.D

Acq: 12 Mar 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

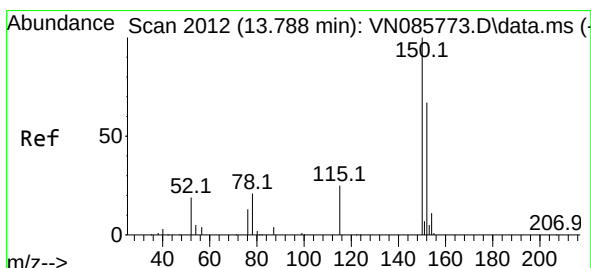
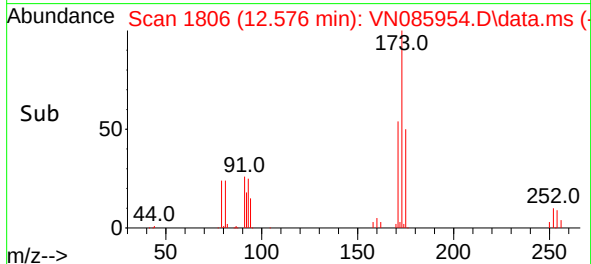
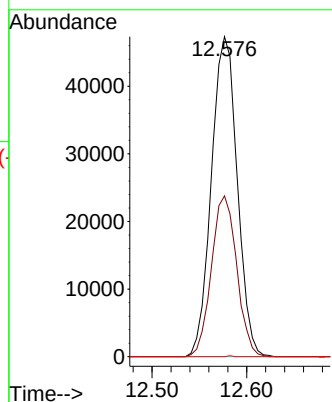
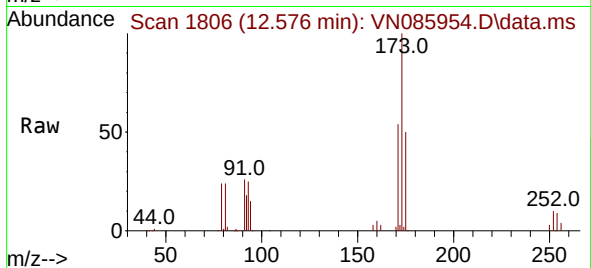
Tgt Ion:173 Resp: 89682

Ion Ratio Lower Upper

173 100

175 49.2 25.1 75.4

254 0.1 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: VN085954.D

Acq: 12 Mar 2025 12:30

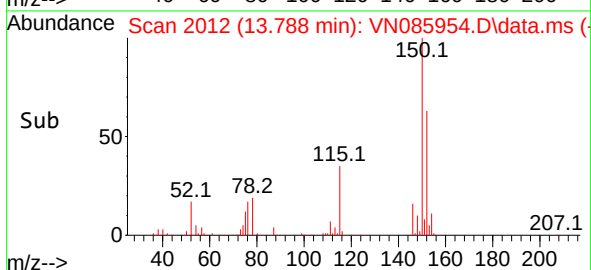
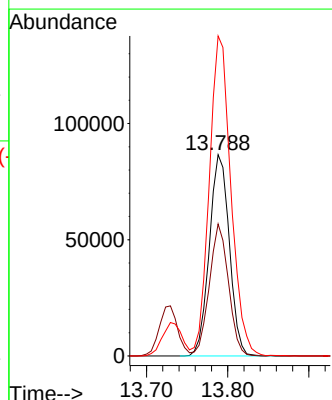
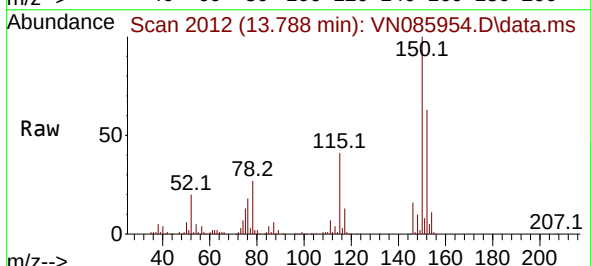
Tgt Ion:152 Resp: 148034

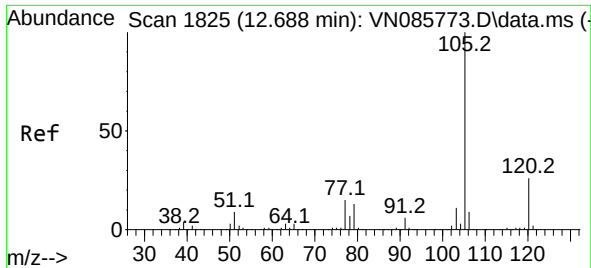
Ion Ratio Lower Upper

152 100

115 62.9 30.4 91.3

150 172.0 0.0 345.4

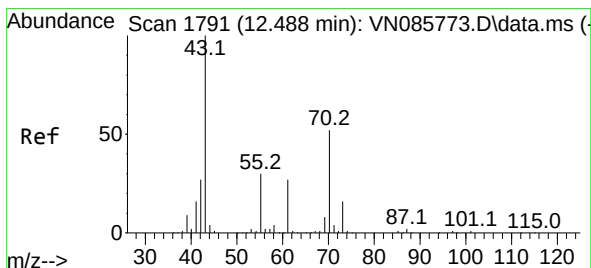
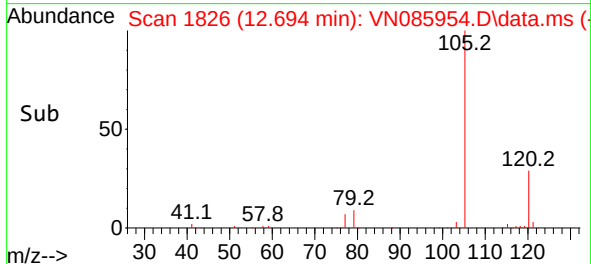
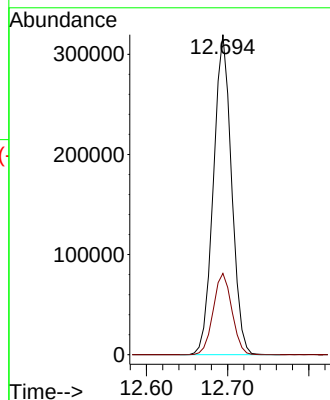
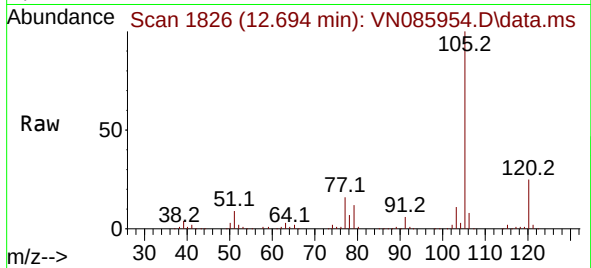




#73
Isopropylbenzene
Concen: 48.851 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

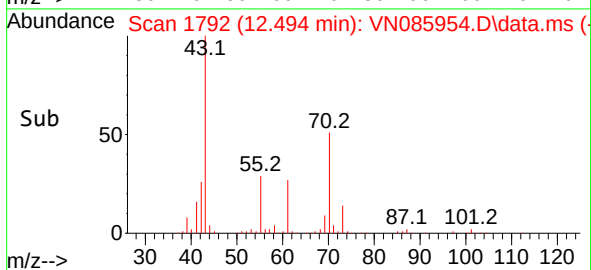
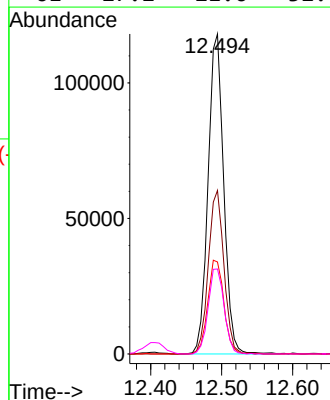
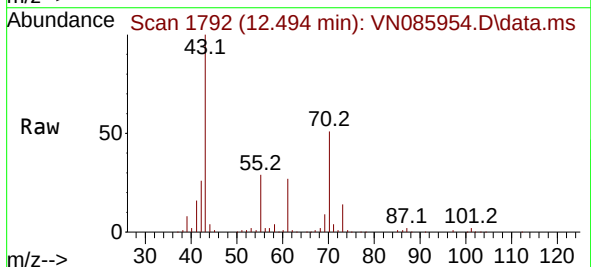
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

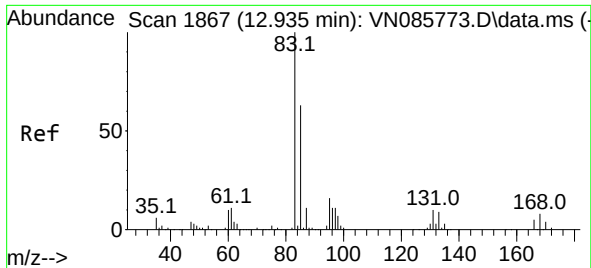
Tgt Ion:105 Resp: 495437
Ion Ratio Lower Upper
105 100
120 26.1 13.0 39.0



#74
N-ethyl acetate
Concen: 50.495 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

Tgt Ion: 43 Resp: 180589
Ion Ratio Lower Upper
43 100
70 51.0 41.0 61.4
55 30.4 24.6 36.8
61 27.2 21.6 32.4

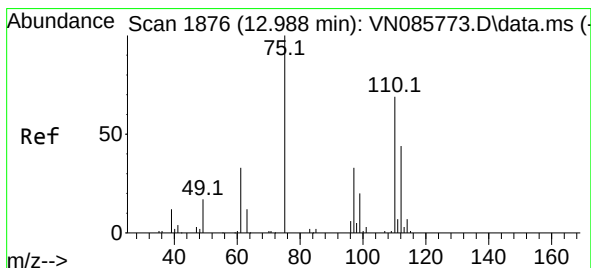
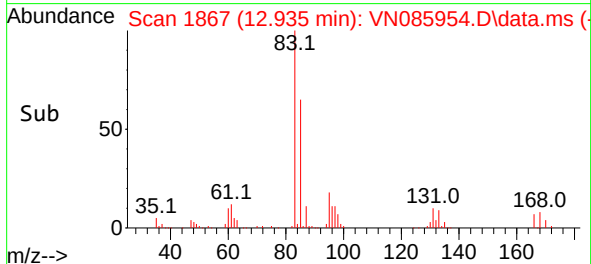
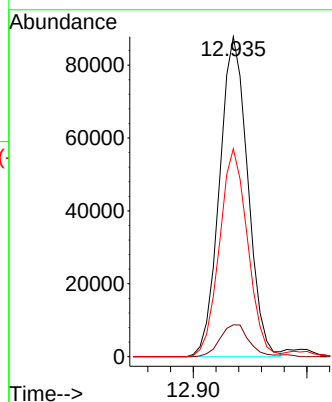
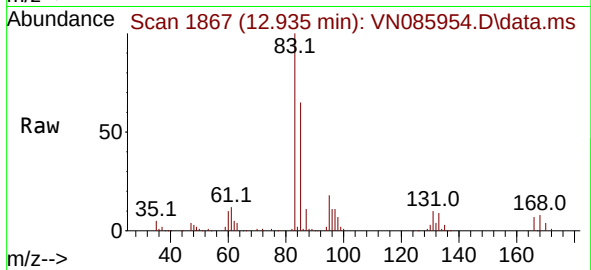




#75
 1,1,2,2-Tetrachloroethane
 Concen: 43.422 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN085954.D
 Acq: 12 Mar 2025 12:30

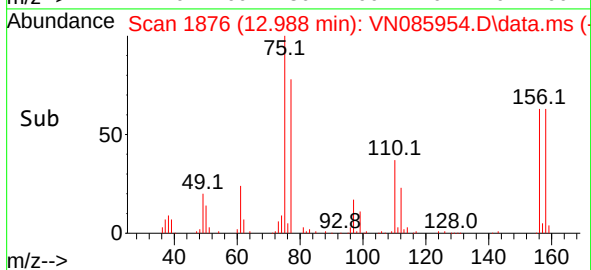
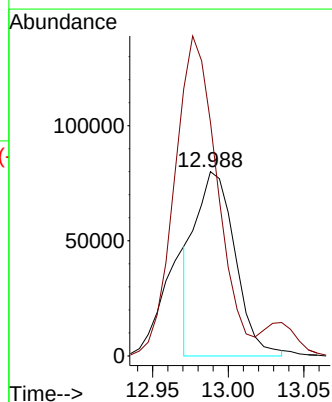
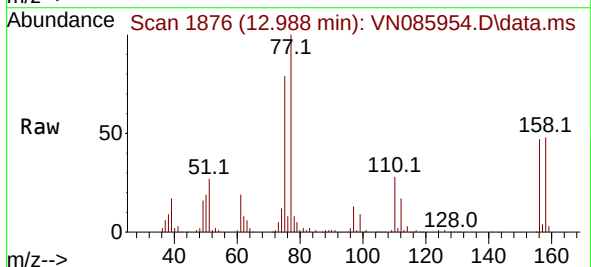
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

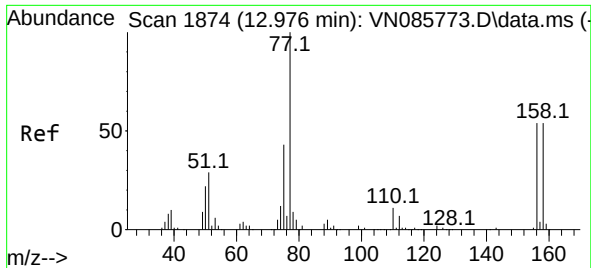
Tgt Ion: 83 Resp: 151538
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.0 15.0
 85 64.8 32.2 96.6



#76
 1,2,3-Trichloropropane
 Concen: 44.598 ug/l m
 RT: 12.988 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VN085954.D
 Acq: 12 Mar 2025 12:30

Tgt Ion: 75 Resp: 146652
 Ion Ratio Lower Upper
 75 100
 77 186.4 100.0 300.0

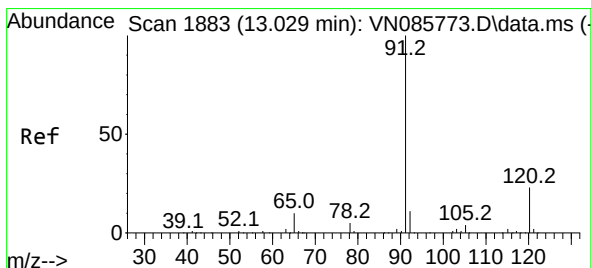
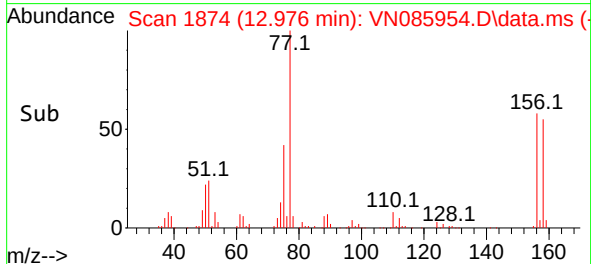
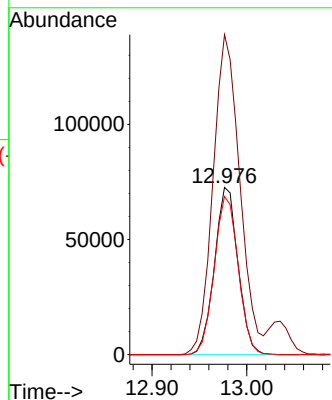
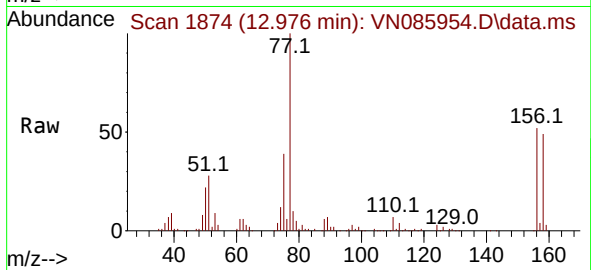




#77
Bromobenzene
Concen: 45.766 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

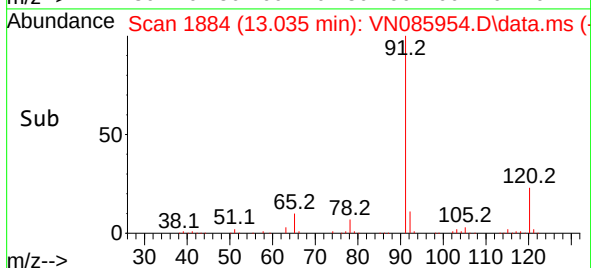
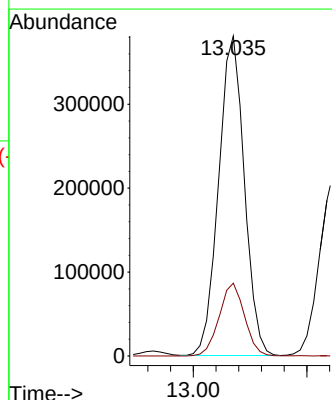
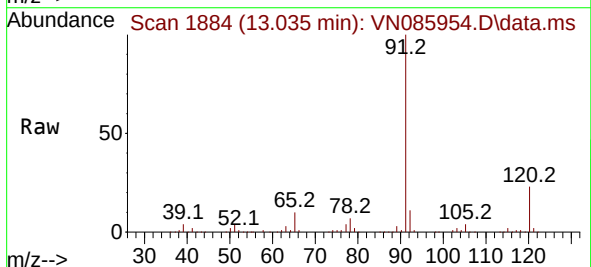
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

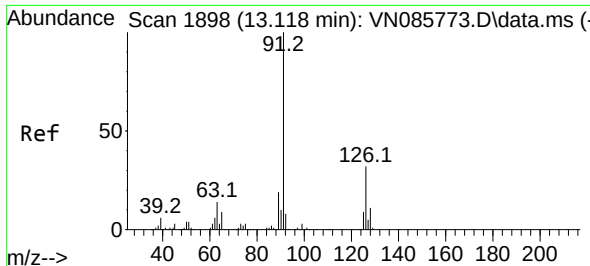
Tgt Ion:156 Resp: 125399
Ion Ratio Lower Upper
156 100
77 218.0 104.1 312.3
158 96.4 48.1 144.4



#78
n-propylbenzene
Concen: 51.523 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

Tgt Ion: 91 Resp: 598428
Ion Ratio Lower Upper
91 100
120 22.4 11.3 33.8

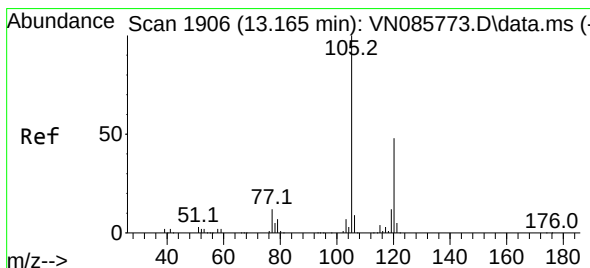
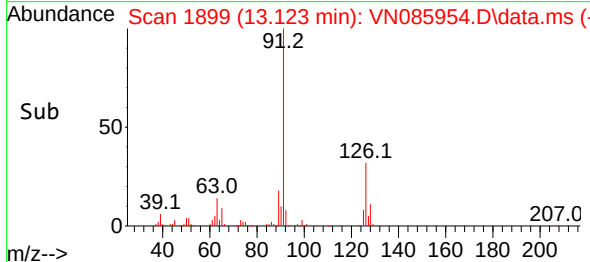
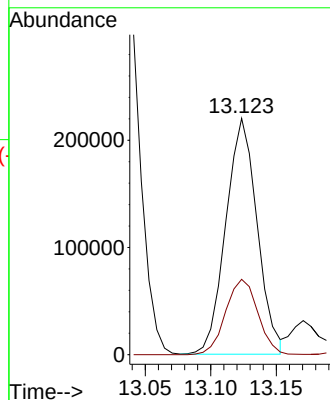
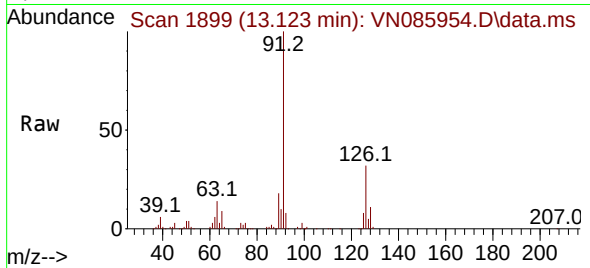




#79
2-Chlorotoluene
Concen: 47.223 ug/l
RT: 13.123 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

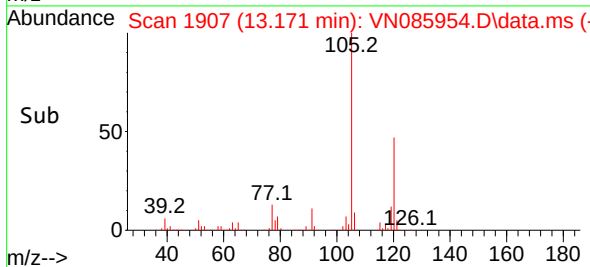
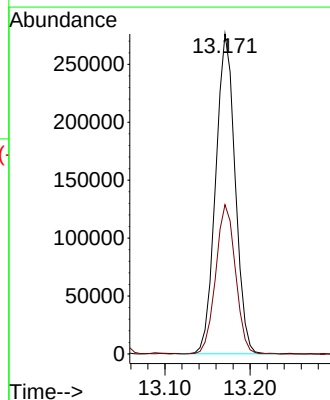
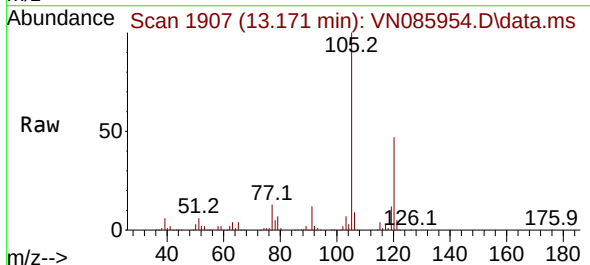
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

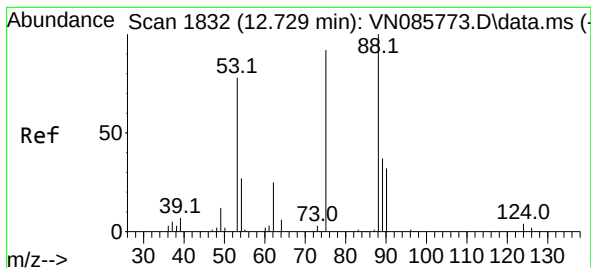
Tgt Ion: 91 Resp: 366464
Ion Ratio Lower Upper
91 100
126 32.8 16.4 49.1



#80
1,3,5-Trimethylbenzene
Concen: 52.892 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

Tgt Ion:105 Resp: 436967
Ion Ratio Lower Upper
105 100
120 47.5 24.3 72.9

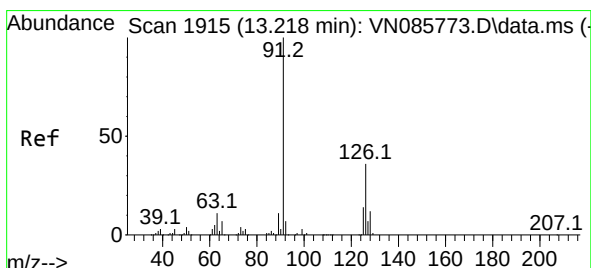
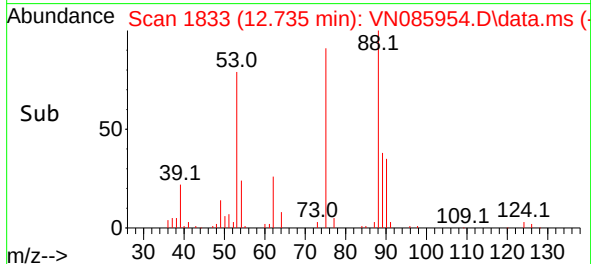
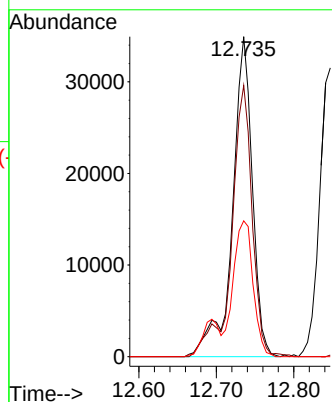
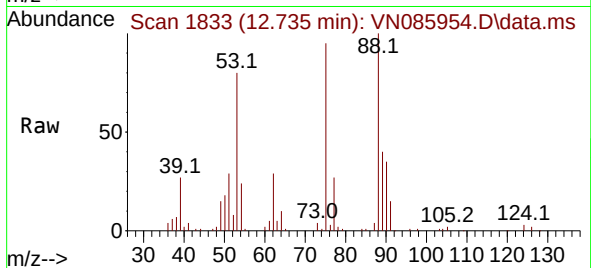




#81
trans-1,4-Dichloro-2-butene
Concen: 55.742 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

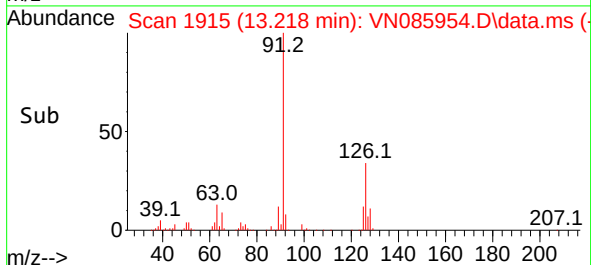
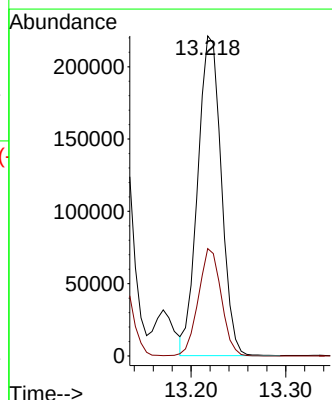
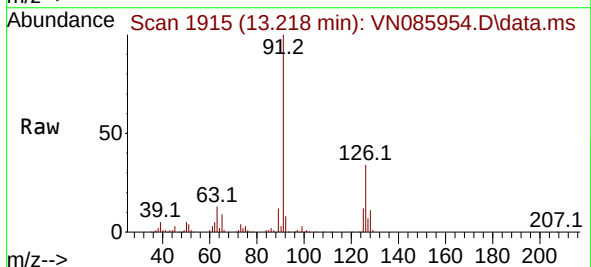
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

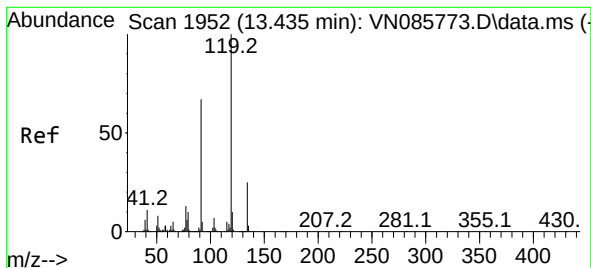
Tgt Ion: 75 Resp: 62822
Ion Ratio Lower Upper
75 100
53 86.8 74.2 111.4
89 42.4 34.9 52.3



#82
4-Chlorotoluene
Concen: 49.733 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

Tgt Ion: 91 Resp: 382611
Ion Ratio Lower Upper
91 100
126 32.7 16.4 49.4

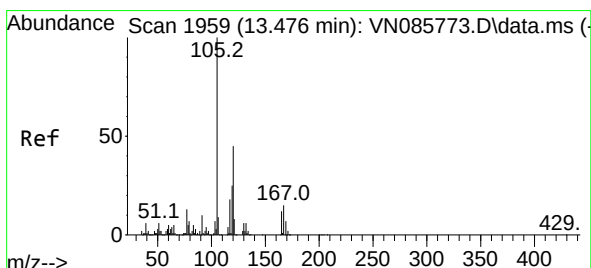
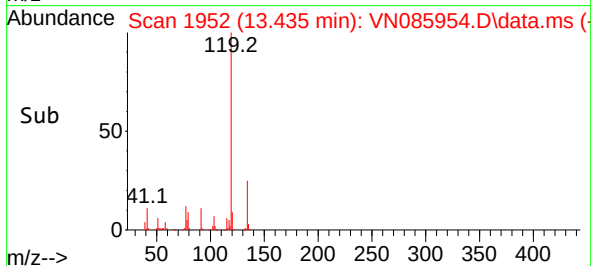
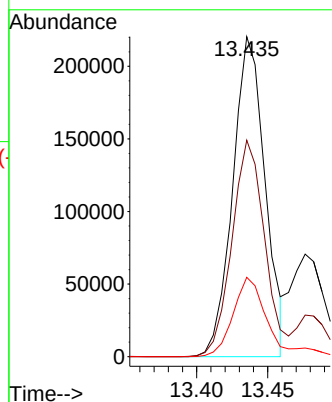
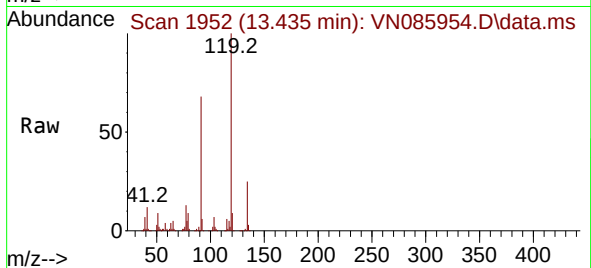




#83
 tert-Butylbenzene
 Concen: 50.340 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN085954.D
 Acq: 12 Mar 2025 12:30

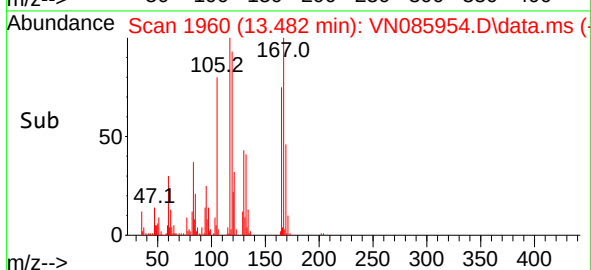
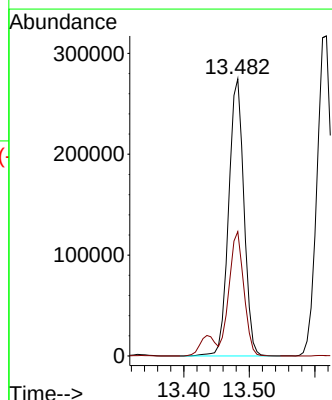
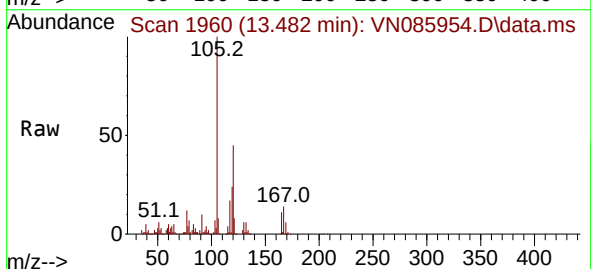
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

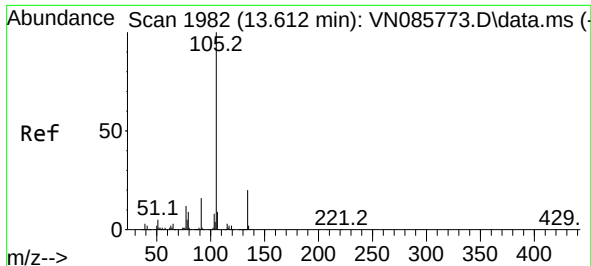
Tgt Ion:119 Resp: 349719
 Ion Ratio Lower Upper
 119 100
 91 68.7 32.5 97.5
 134 26.6 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 54.215 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.006 min
 Lab File: VN085954.D
 Acq: 12 Mar 2025 12:30

Tgt Ion:105 Resp: 443127
 Ion Ratio Lower Upper
 105 100
 120 43.7 22.4 67.3

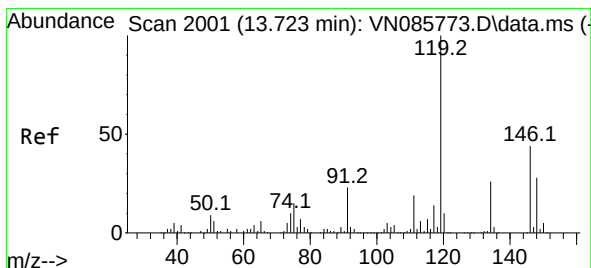
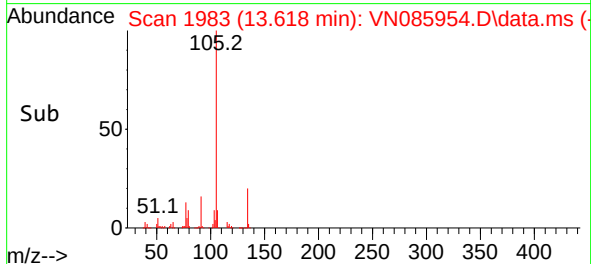
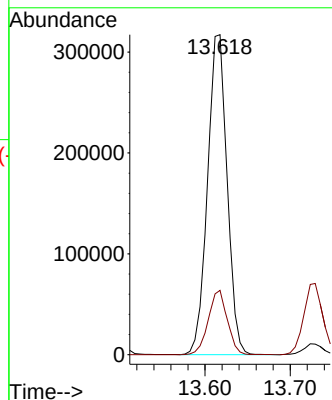
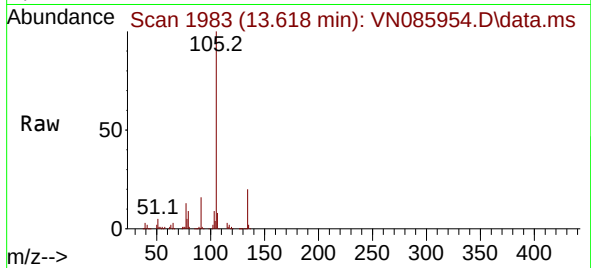




#85
sec-Butylbenzene
Concen: 51.555 ug/l
RT: 13.618 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

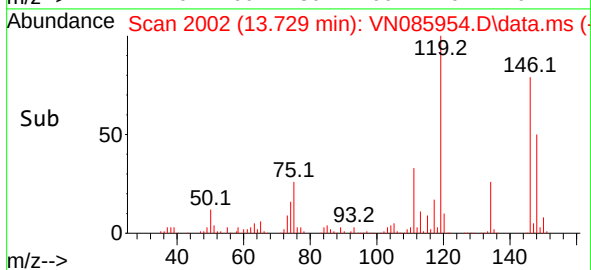
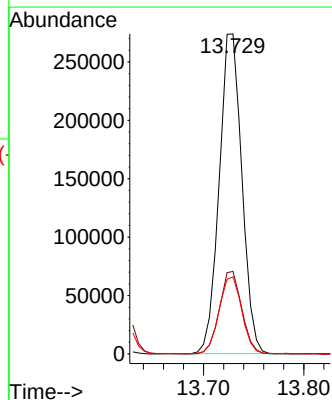
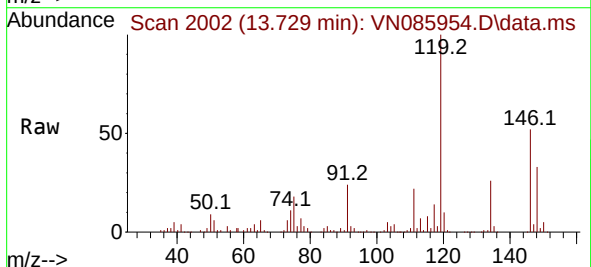
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

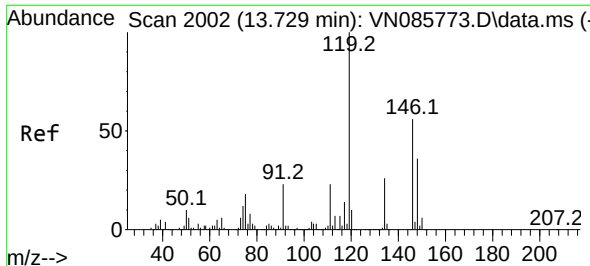
Tgt Ion:105 Resp: 506043
Ion Ratio Lower Upper
105 100
134 19.6 9.8 29.4



#86
p-Isopropyltoluene
Concen: 47.959 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

Tgt Ion:119 Resp: 429702
Ion Ratio Lower Upper
119 100
134 25.6 13.0 39.0
91 24.1 11.7 35.1

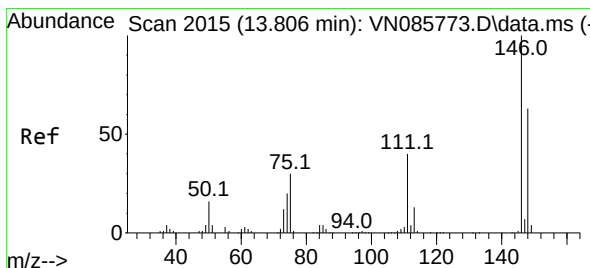
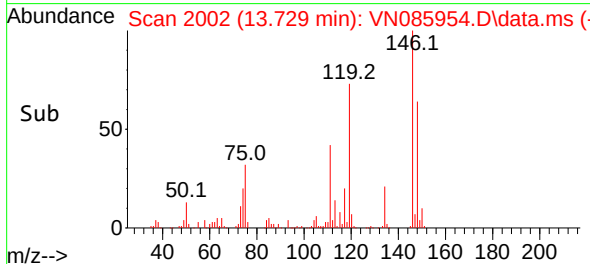
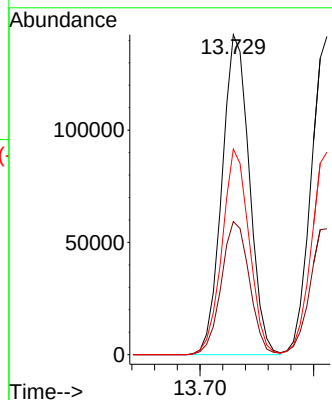
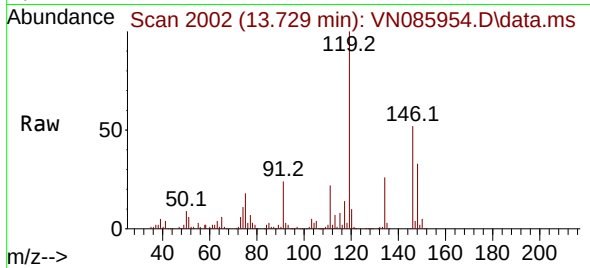




#87
1,3-Dichlorobenzene
Concen: 46.411 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

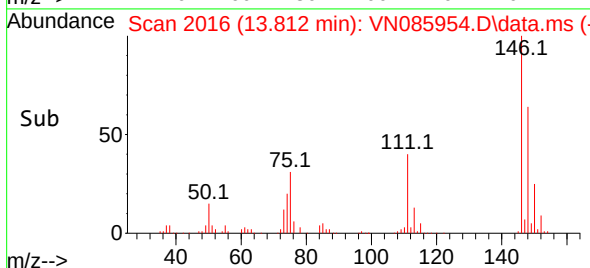
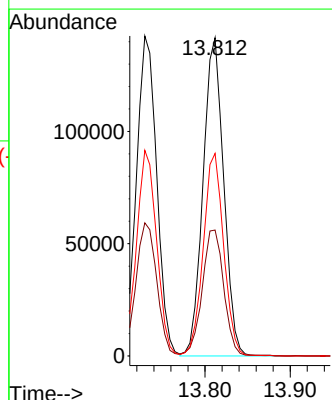
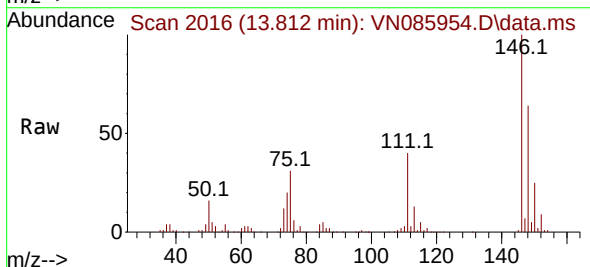
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

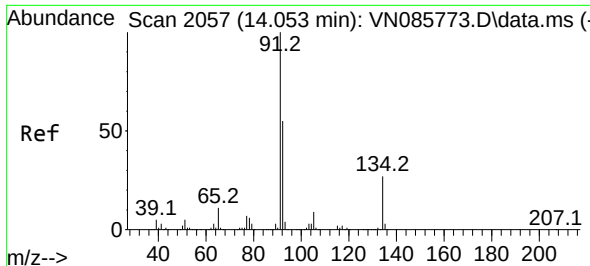
Tgt Ion:146 Resp: 238252
Ion Ratio Lower Upper
146 100
111 42.8 21.1 63.3
148 63.7 32.1 96.5



#88
1,4-Dichlorobenzene
Concen: 45.307 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

Tgt Ion:146 Resp: 238381
Ion Ratio Lower Upper
146 100
111 40.9 20.4 61.3
148 63.1 31.8 95.4

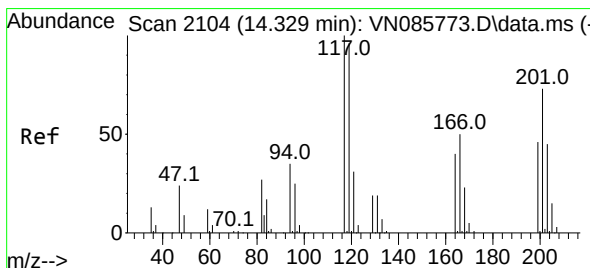
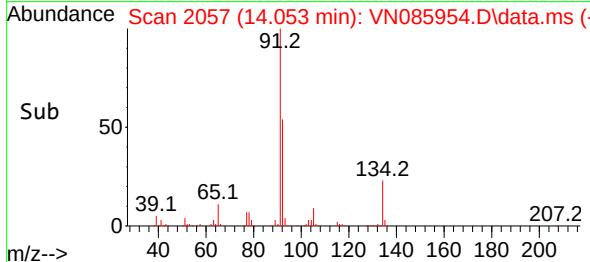
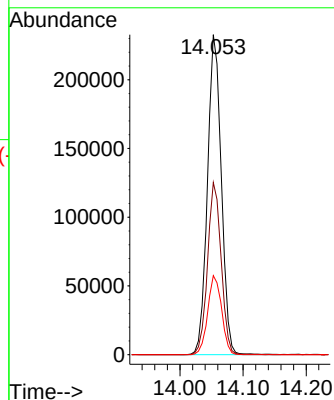
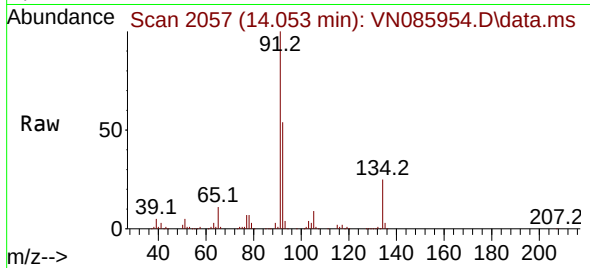




#89
n-Butylbenzene
Concen: 50.982 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

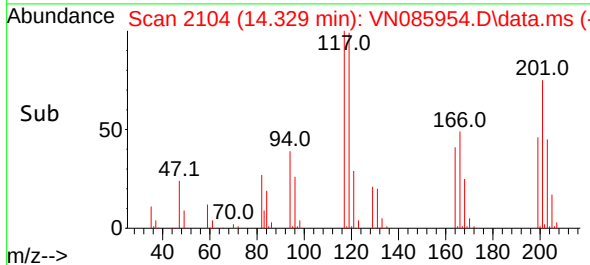
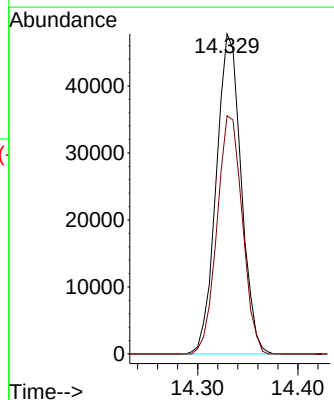
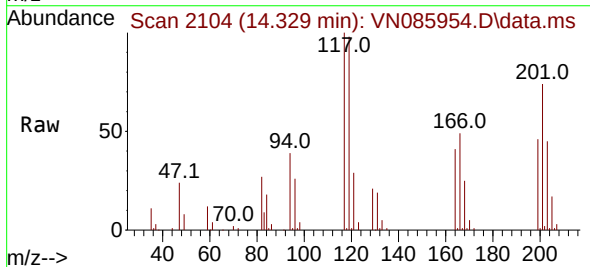
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

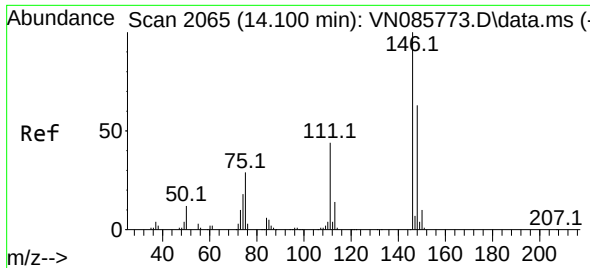
Tgt Ion: 91 Resp: 355294
Ion Ratio Lower Upper
91 100
92 52.9 27.1 81.3
134 24.8 12.7 38.1



#90
Hexachloroethane
Concen: 44.314 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085954.D
Acq: 12 Mar 2025 12:30

Tgt Ion: 117 Resp: 82377
Ion Ratio Lower Upper
117 100
201 75.6 35.6 106.9





#91

1,2-Dichlorobenzene

Concen: 46.427 ug/l

RT: 14.106 min Scan# 2065

Delta R.T. 0.006 min

Lab File: VN085954.D

Acq: 12 Mar 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

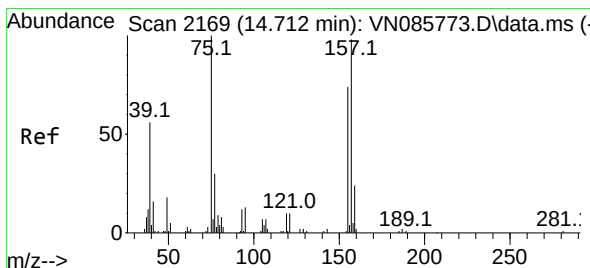
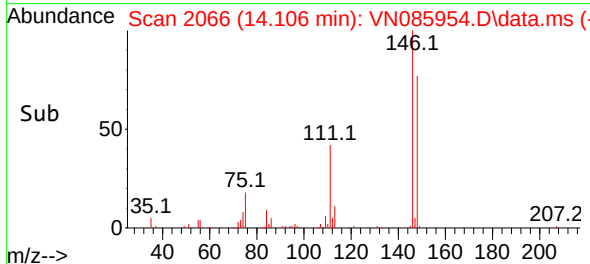
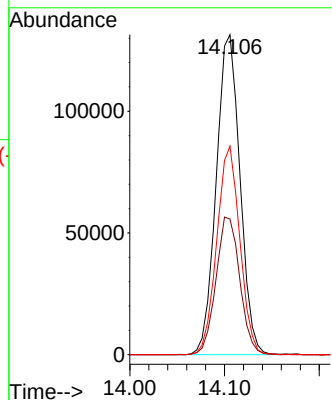
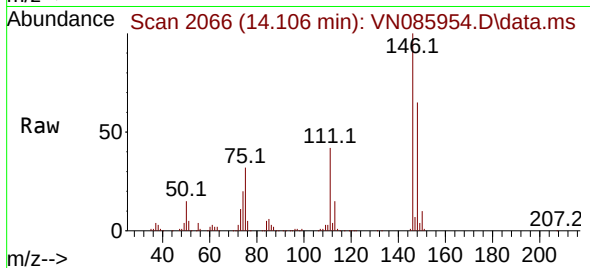
Tgt Ion:146 Resp: 229182

Ion Ratio Lower Upper

146 100

111 43.2 21.4 64.3

148 63.3 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.993 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. 0.006 min

Lab File: VN085954.D

Acq: 12 Mar 2025 12:30

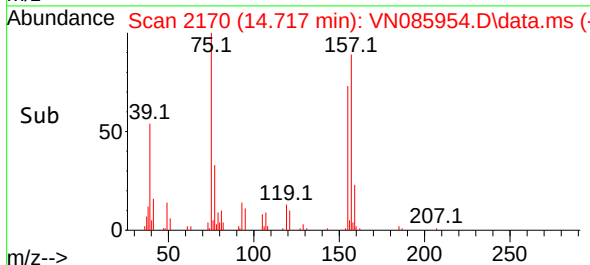
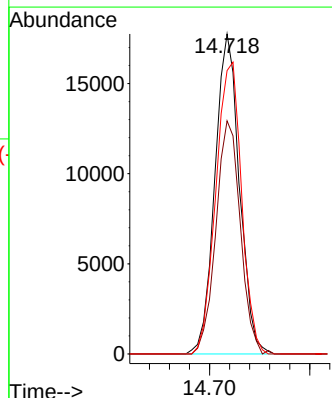
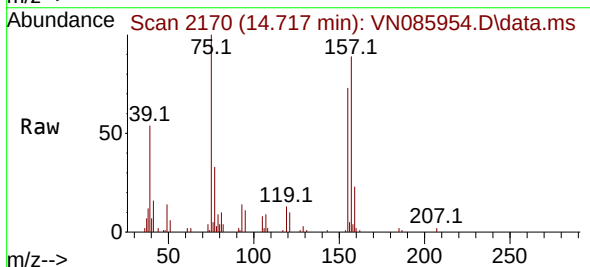
Tgt Ion: 75 Resp: 30115

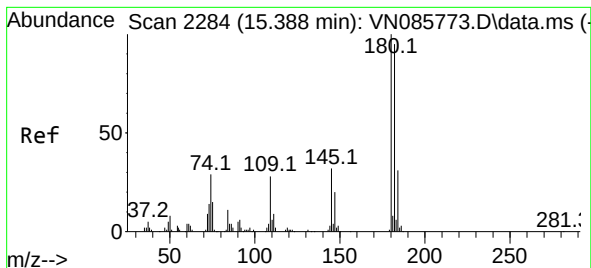
Ion Ratio Lower Upper

75 100

155 72.5 39.9 119.6

157 95.6 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 48.147 ug/l

RT: 15.388 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN085954.D

Acq: 12 Mar 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

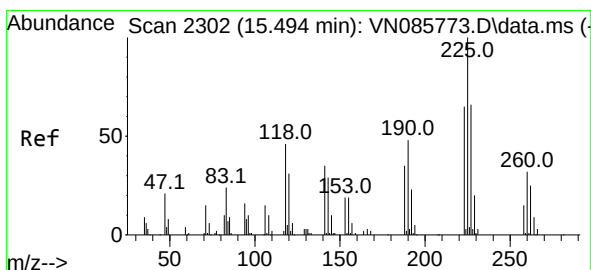
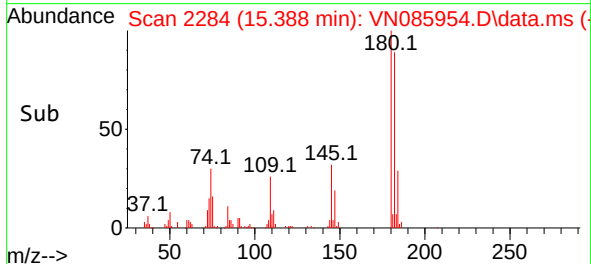
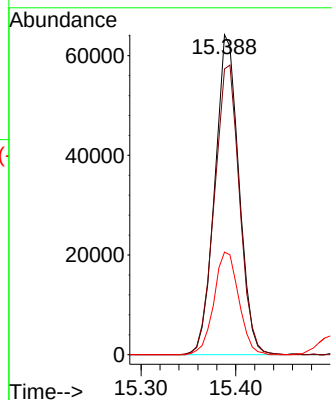
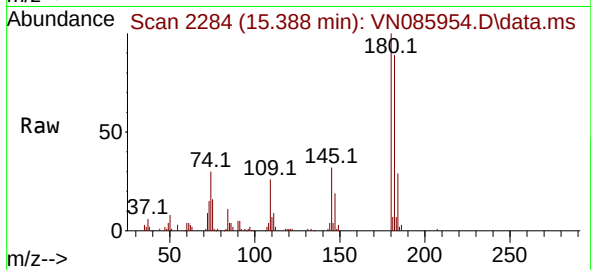
Tgt Ion:180 Resp: 113254

Ion Ratio Lower Upper

180 100

182 94.4 47.3 141.9

145 33.1 16.2 48.5



#94

Hexachlorobutadiene

Concen: 43.537 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.006 min

Lab File: VN085954.D

Acq: 12 Mar 2025 12:30

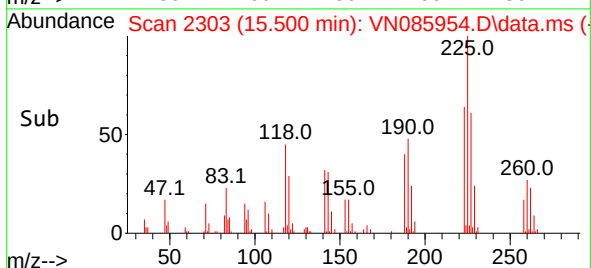
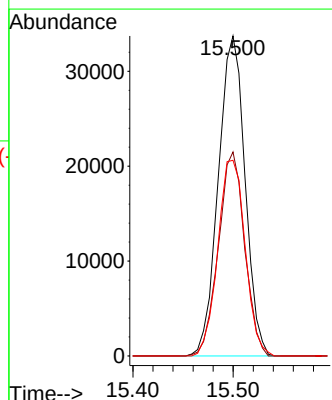
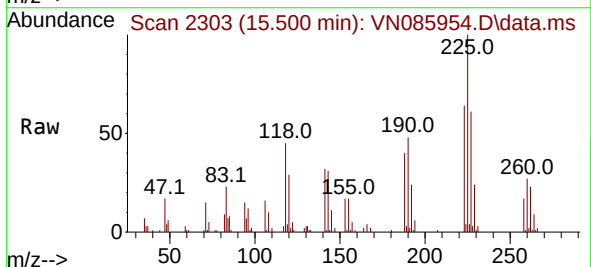
Tgt Ion:225 Resp: 62239

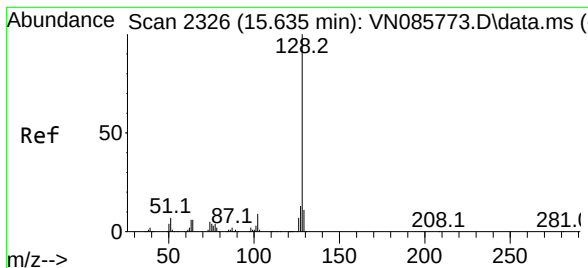
Ion Ratio Lower Upper

225 100

223 62.5 31.9 95.5

227 62.8 32.2 96.6





#95

Naphthalene

Concen: 50.149 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN085954.D

Acq: 12 Mar 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

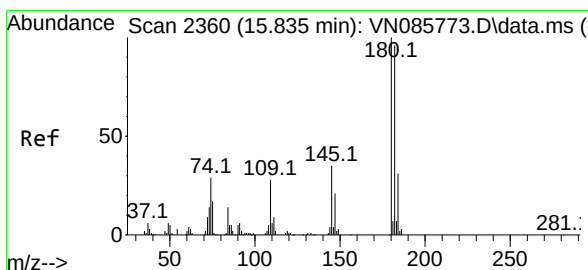
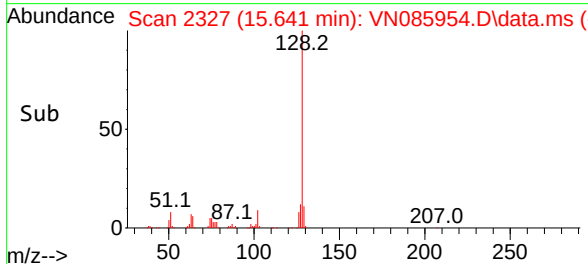
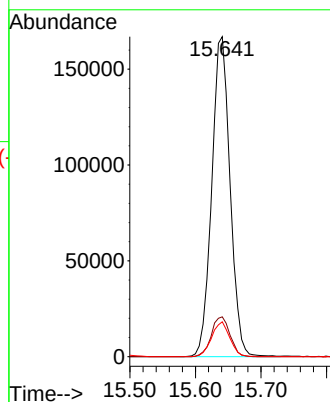
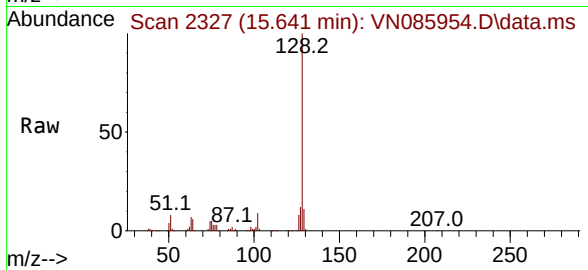
Tgt Ion:128 Resp: 323857

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 47.251 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN085954.D

Acq: 12 Mar 2025 12:30

Tgt Ion:180 Resp: 111582

Ion Ratio Lower Upper

180 100

182 95.6 47.3 141.8

145 34.6 16.9 50.6

