

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031225\
 Data File : VN085968.D
 Acq On : 12 Mar 2025 18:30
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 13 01:43:32 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	174900	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	287582	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	256944	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	136684	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	105473	46.515	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.020%
35) Dibromofluoromethane	8.159	113	86875	46.166	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.340%
50) Toluene-d8	10.565	98	316814	46.273	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.540%
62) 4-Bromofluorobenzene	12.847	95	116227	51.524	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.040%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	102391	43.040	ug/l	99
3) Chloromethane	2.359	50	94536	39.601	ug/l	98
4) Vinyl Chloride	2.512	62	95565	37.809	ug/l	98
5) Bromomethane	2.954	94	59353	36.724	ug/l	99
6) Chloroethane	3.118	64	59037	35.263	ug/l	95
7) Trichlorofluoromethane	3.495	101	158202	43.230	ug/l	97
8) Diethyl Ether	3.959	74	54723	46.216	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	85843	40.581	ug/l	99
10) Methyl Iodide	4.589	142	120260	46.121	ug/l	97
11) Tert butyl alcohol	5.512	59	59110	211.948	ug/l	99
12) 1,1-Dichloroethene	4.342	96	83650	43.613	ug/l	97
13) Acrolein	4.177	56	90568	218.989	ug/l	99
14) Allyl chloride	5.024	41	113347	45.011	ug/l	94
15) Acrylonitrile	5.718	53	207674	229.058	ug/l	97
16) Acetone	4.424	43	148792	207.380	ug/l	95
17) Carbon Disulfide	4.712	76	249654	43.919	ug/l	97
18) Methyl Acetate	5.024	43	88784	35.977	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	287683	50.475	ug/l	97
20) Methylene Chloride	5.271	84	98020	42.482	ug/l	99
21) trans-1,2-Dichloroethene	5.783	96	89538	43.354	ug/l	92
22) Diisopropyl ether	6.671	45	266073	46.760	ug/l	99
23) Vinyl Acetate	6.600	43	1027624	263.760	ug/l	98
24) 1,1-Dichloroethane	6.565	63	169151	43.730	ug/l	100
25) 2-Butanone	7.483	43	234852	222.492	ug/l	98
26) 2,2-Dichloropropane	7.489	77	149859	43.569	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	106596	44.514	ug/l	98
28) Bromochloromethane	7.812	49	69930	43.986	ug/l	97
29) Tetrahydrofuran	7.836	42	161121	236.381	ug/l	98
30) Chloroform	7.965	83	181313	44.854	ug/l	99
31) Cyclohexane	8.253	56	138191	42.669	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	163568	45.493	ug/l	98
36) 1,1-Dichloropropene	8.371	75	123860	46.507	ug/l	99
37) Ethyl Acetate	7.559	43	98260	44.833	ug/l	99
38) Carbon Tetrachloride	8.359	117	148853	47.039	ug/l	96
39) Methylcyclohexane	9.600	83	121853	46.573	ug/l	96
40) Benzene	8.606	78	390496	45.747	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	54381	46.415	ug/l	94
42) 1,2-Dichloroethane	8.665	62	131093	47.149	ug/l	99
43) Isopropyl Acetate	8.683	43	176616	45.872	ug/l	97
44) Trichloroethene	9.347	130	89422	42.667	ug/l	96
45) 1,2-Dichloropropane	9.618	63	93896	45.572	ug/l	99
46) Dibromomethane	9.706	93	66839	45.990	ug/l	100
47) Bromodichloromethane	9.883	83	143438	46.131	ug/l	99
48) Methyl methacrylate	9.677	41	81079	49.812	ug/l	98
49) 1,4-Dioxane	9.694	88	31542	1019.046	ug/l	99
51) 4-Methyl-2-Pentanone	10.441	43	511423	242.025	ug/l	98
52) Toluene	10.630	92	245915	49.147	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	145106	50.468	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	155179	49.219	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	91028	45.756	ug/l	99
56) Ethyl methacrylate	10.871	69	140632	49.256	ug/l	97
57) 1,3-Dichloropropane	11.165	76	158170	47.627	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	286973	255.739	ug/l	99
59) 2-Hexanone	11.194	43	364439	250.699	ug/l	96
60) Dibromochloromethane	11.359	129	114755	49.537	ug/l	97
61) 1,2-Dibromoethane	11.465	107	90911	48.365	ug/l	98
64) Tetrachloroethene	11.100	164	87323	43.869	ug/l	96
65) Chlorobenzene	11.888	112	260973	44.336	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	97123	45.906	ug/l	98
67) Ethyl Benzene	11.959	91	451957	49.017	ug/l	99
68) m/p-Xylenes	12.071	106	356685	101.841	ug/l	97
69) o-Xylene	12.394	106	169948	51.064	ug/l	99
70) Styrene	12.406	104	290415	47.177	ug/l	98
71) Bromoform	12.576	173	77827	49.505	ug/l #	97
73) Isopropylbenzene	12.694	105	418074	44.646	ug/l	100
74) N-amyl acetate	12.488	43	150933	45.707	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	125806	39.042	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	168597	55.529	ug/l	59
77) Bromobenzene	12.976	156	106306	42.020	ug/l	94
78) n-propylbenzene	13.035	91	495524	46.206	ug/l	100
79) 2-Chlorotoluene	13.123	91	315954	44.095	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	366579	48.057	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	50603	48.629	ug/l	94
82) 4-Chlorotoluene	13.218	91	320845	45.168	ug/l	98
83) tert-Butylbenzene	13.435	119	294460	45.905	ug/l	96
84) 1,2,4-Trimethylbenzene	13.476	105	378645	50.172	ug/l	98
85) sec-Butylbenzene	13.612	105	418336	46.159	ug/l	100
86) p-Isopropyltoluene	13.729	119	352127	42.970	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	202836	42.793	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	202795	41.744	ug/l	100
89) n-Butylbenzene	14.053	91	286105	44.463	ug/l	98
90) Hexachloroethane	14.329	117	68346	39.819	ug/l	93
91) 1,2-Dichlorobenzene	14.100	146	198060	43.454	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	25027	42.296	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	95769	44.095	ug/l	98
94) Hexachlorobutadiene	15.500	225	49072	37.177	ug/l	99
95) Naphthalene	15.635	128	278763	46.751	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	93537	42.899	ug/l	99

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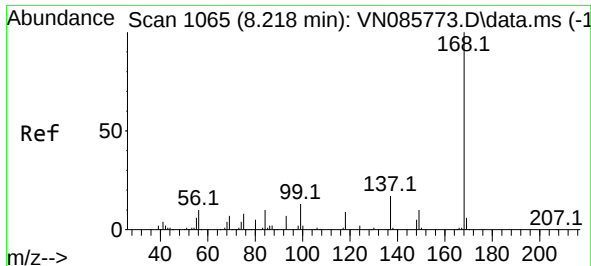
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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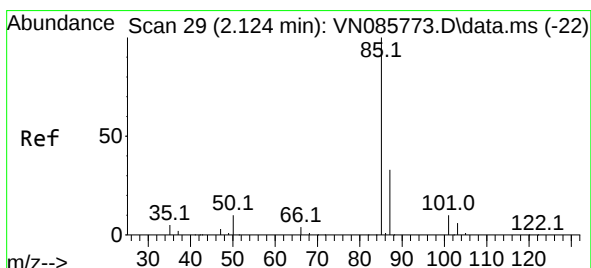
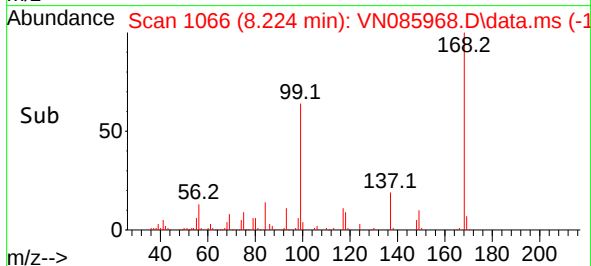
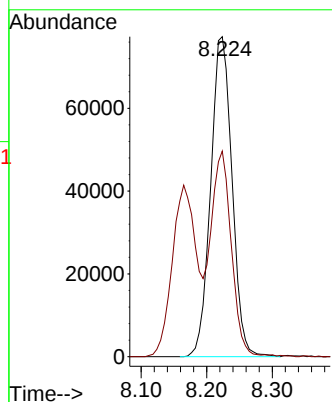
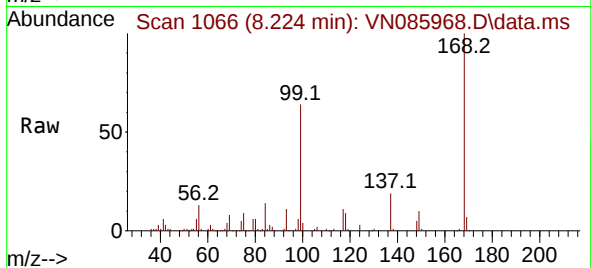




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085968.D
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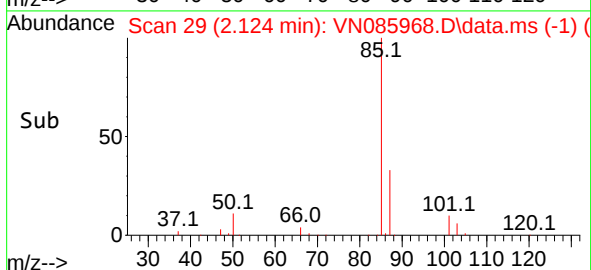
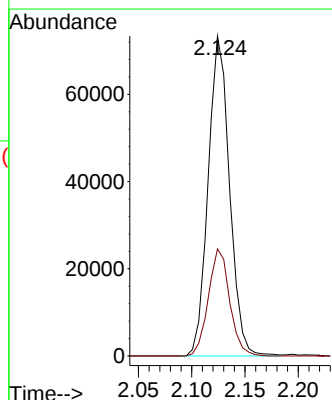
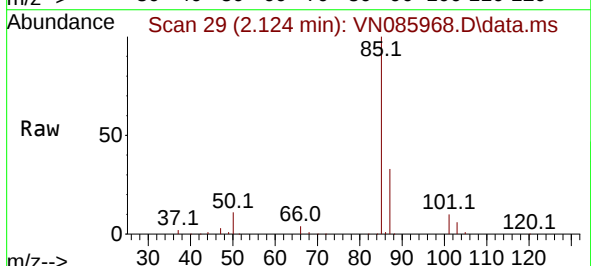
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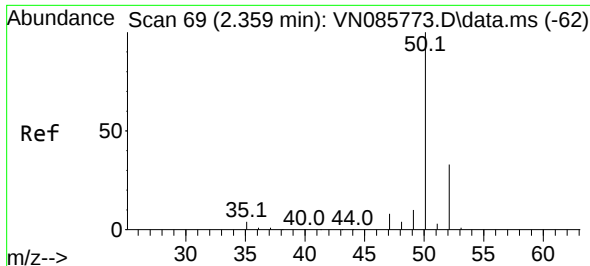
Tgt Ion:168 Resp: 174900
Ion Ratio Lower Upper
168 100
99 63.8 47.9 71.9



#2
Dichlorodifluoromethane
Concen: 43.040 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

Tgt Ion: 85 Resp: 102391
Ion Ratio Lower Upper
85 100
87 33.5 16.4 49.2

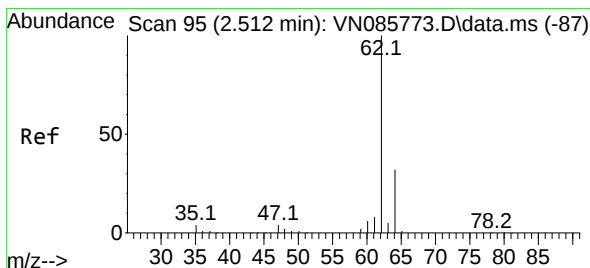
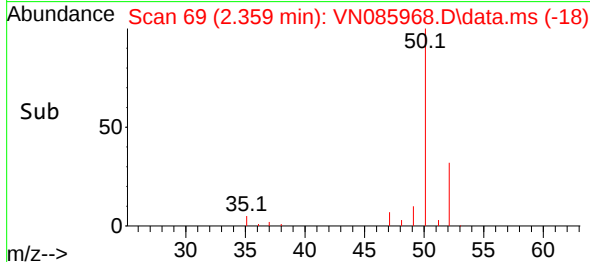
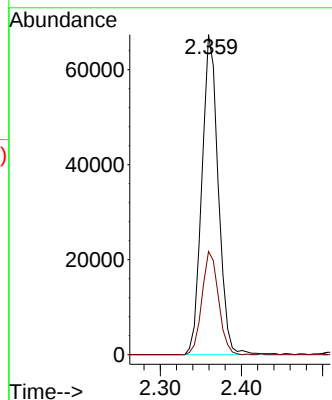
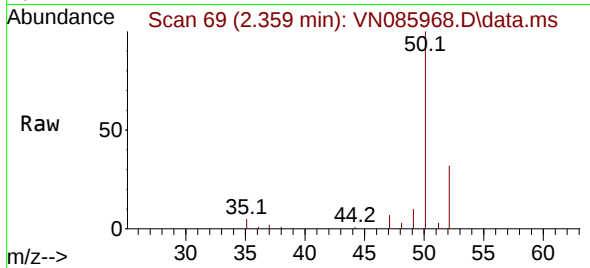




#3
Chloromethane
Concen: 39.601 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

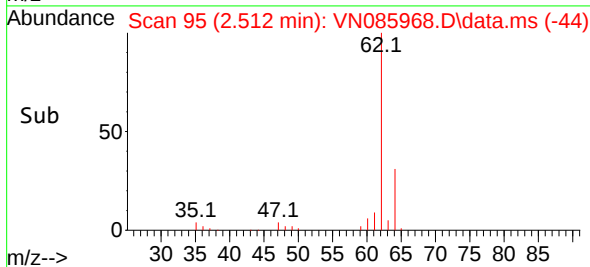
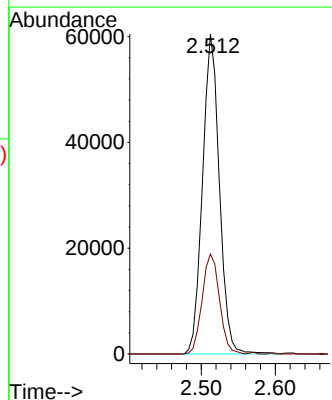
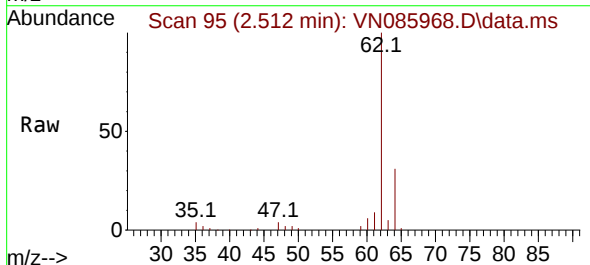
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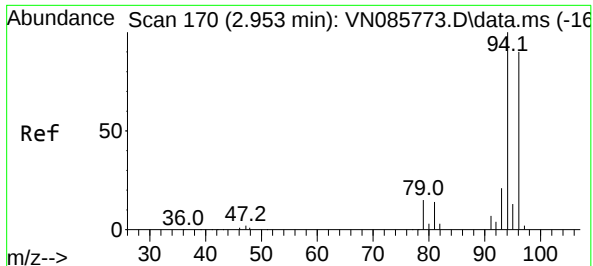
Tgt Ion: 50 Resp: 94536
Ion Ratio Lower Upper
50 100
52 32.2 26.7 40.1



#4
Vinyl Chloride
Concen: 37.809 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

Tgt Ion: 62 Resp: 95565
Ion Ratio Lower Upper
62 100
64 31.3 25.9 38.9

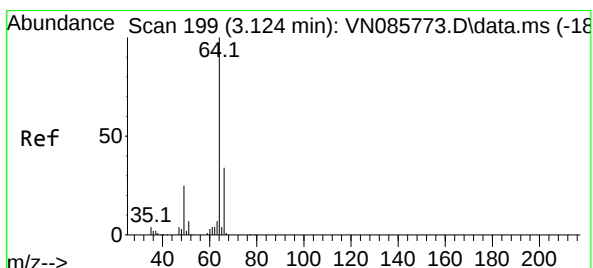
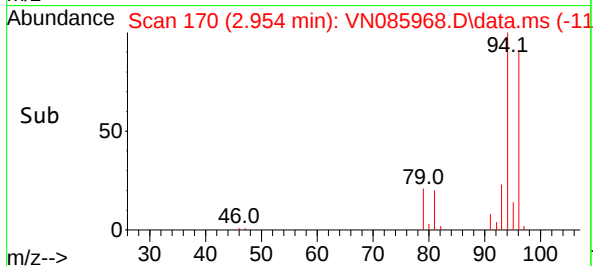
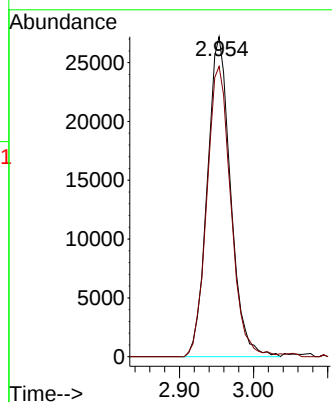
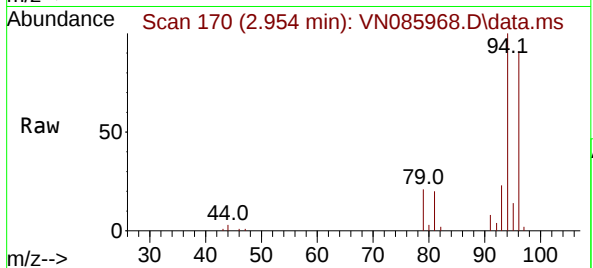




#5
Bromomethane
Concen: 36.724 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085968.D
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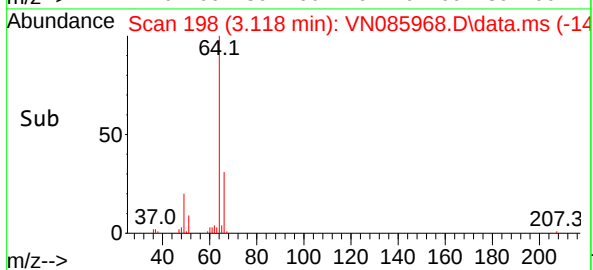
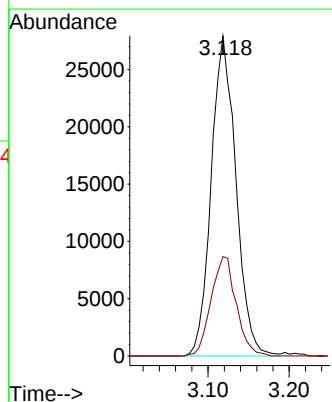
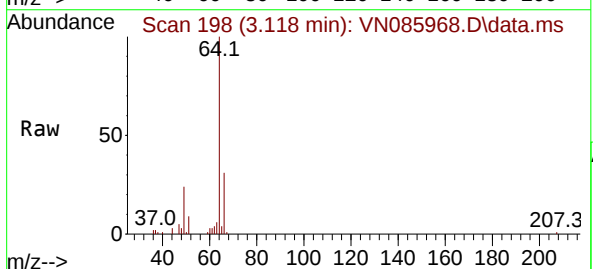
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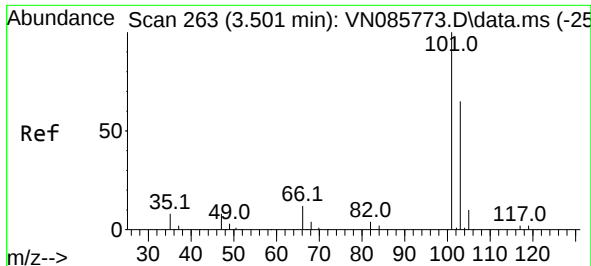
Tgt Ion: 94 Resp: 59353
Ion Ratio Lower Upper
94 100
96 90.7 71.7 107.5



#6
Chloroethane
Concen: 35.263 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

Tgt Ion: 64 Resp: 59037
Ion Ratio Lower Upper
64 100
66 31.1 27.0 40.6

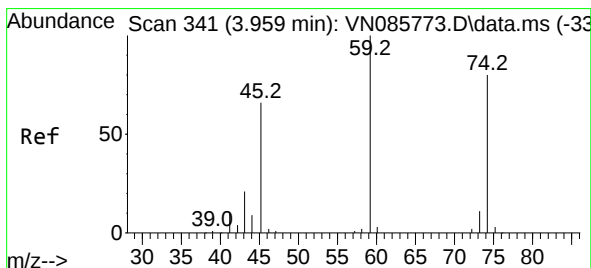
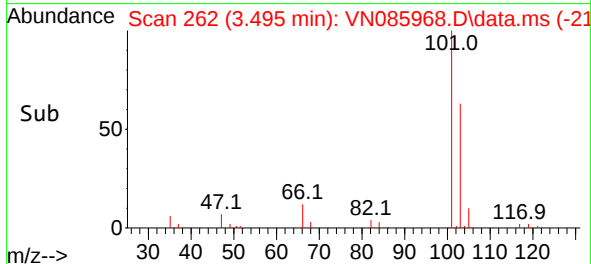
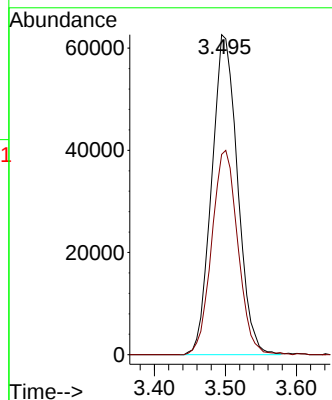
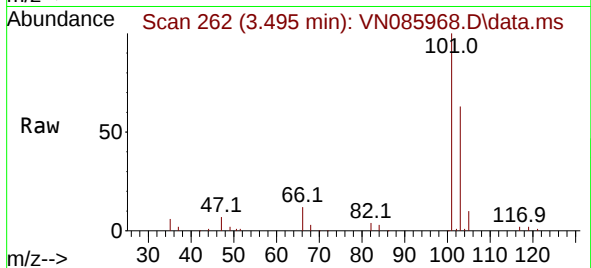




#7
Trichlorofluoromethane
Concen: 43.230 ug/l
RT: 3.495 min Scan# 210
Delta R.T. -0.006 min
Lab File: VN085968.D
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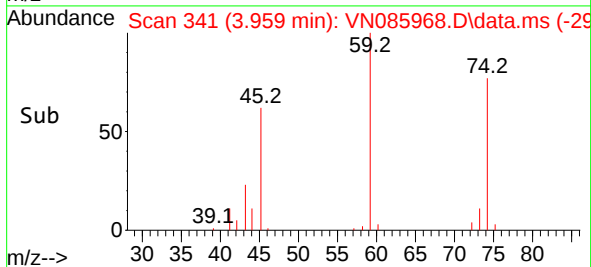
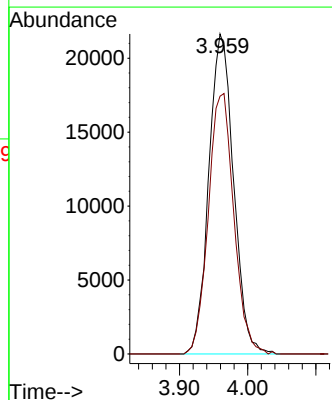
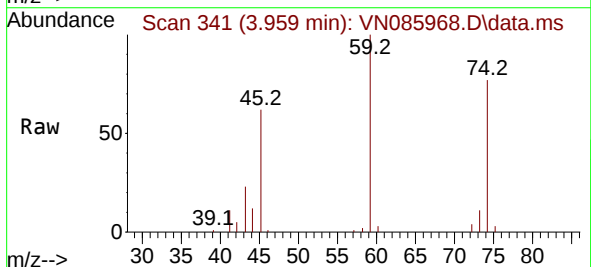
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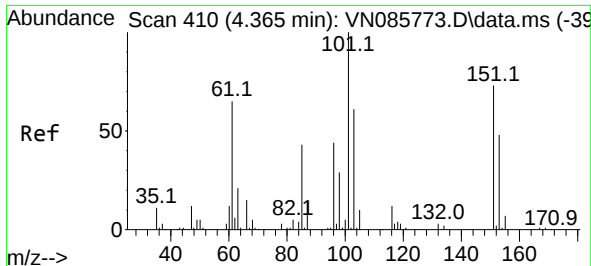
Tgt Ion:101 Resp: 158202
Ion Ratio Lower Upper
101 100
103 62.6 52.2 78.4



#8
Diethyl Ether
Concen: 46.216 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

Tgt Ion: 74 Resp: 54723
Ion Ratio Lower Upper
74 100
45 83.8 42.5 127.6

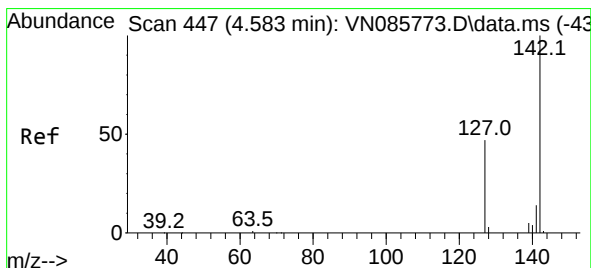
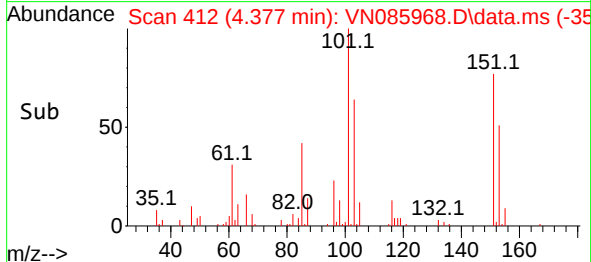
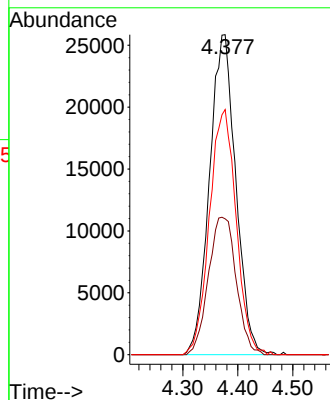
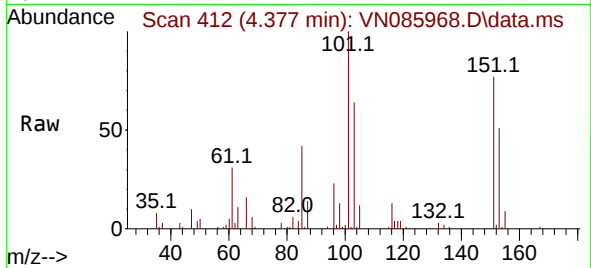




#9
1,1,2-Trichlorotrifluoroethane
Concen: 40.581 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN085968.D
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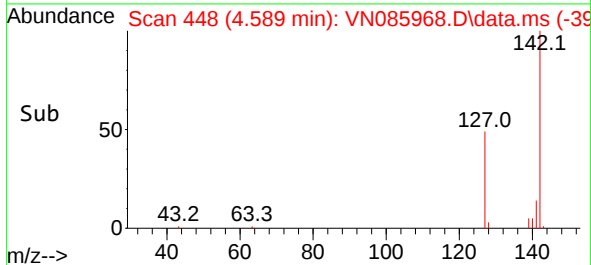
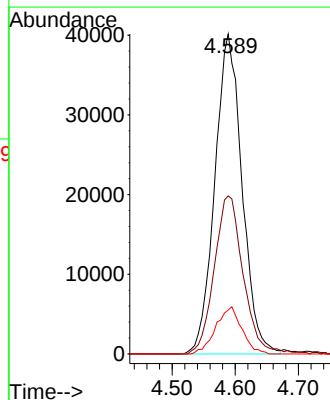
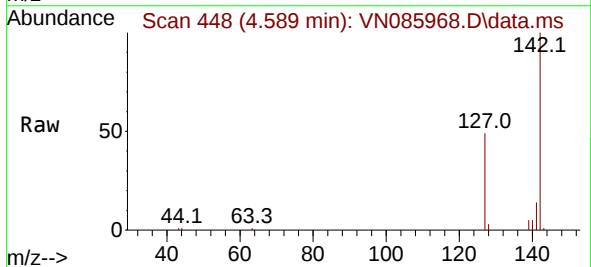
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

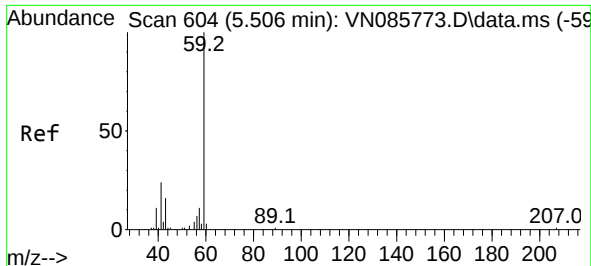
Tgt Ion:101 Resp: 85843
Ion Ratio Lower Upper
101 100
85 45.4 35.7 53.5
151 77.8 61.4 92.2



#10
Methyl Iodide
Concen: 46.121 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

Tgt Ion:142 Resp: 120260
Ion Ratio Lower Upper
142 100
127 49.4 37.6 56.4
141 13.8 11.4 17.2

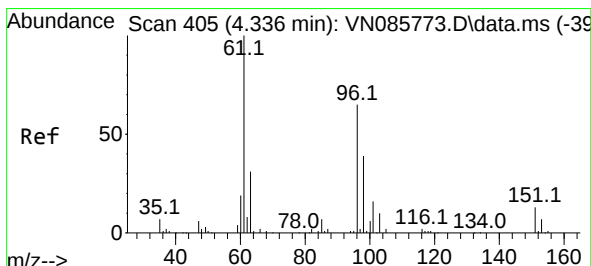
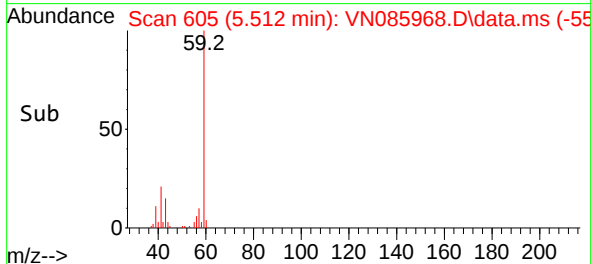
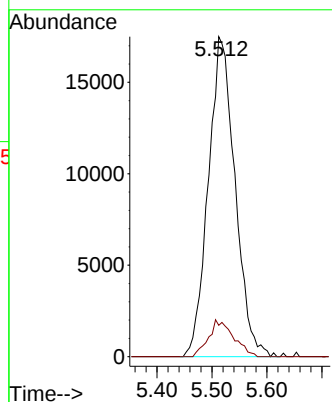
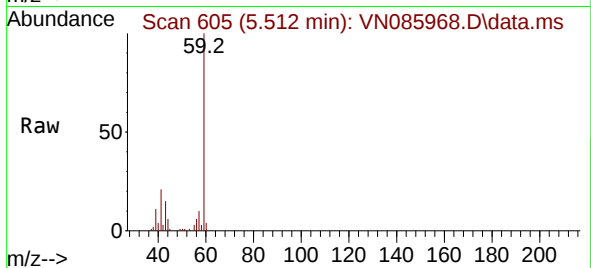




#11
Tert butyl alcohol
Concen: 211.948 ug/l
RT: 5.512 min Scan# 604
Delta R.T. 0.006 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

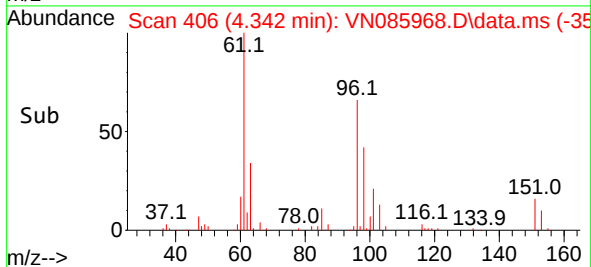
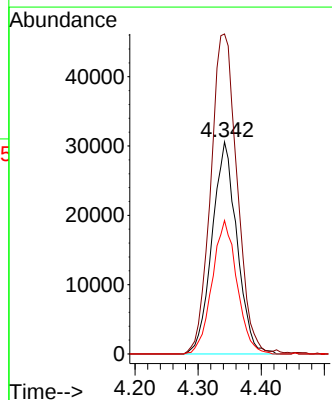
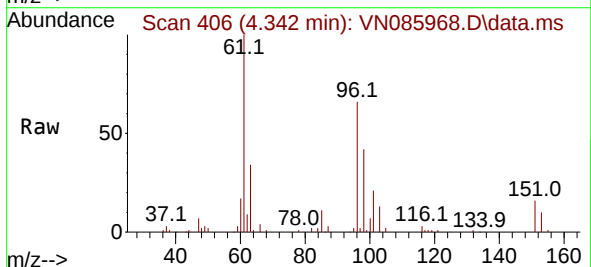
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

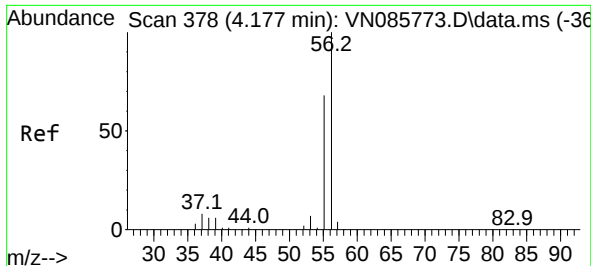
Tgt Ion: 59 Resp: 59110
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5



#12
1,1-Dichloroethene
Concen: 43.613 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

Tgt Ion: 96 Resp: 83650
Ion Ratio Lower Upper
96 100
61 150.9 123.3 184.9
98 62.9 48.6 72.8

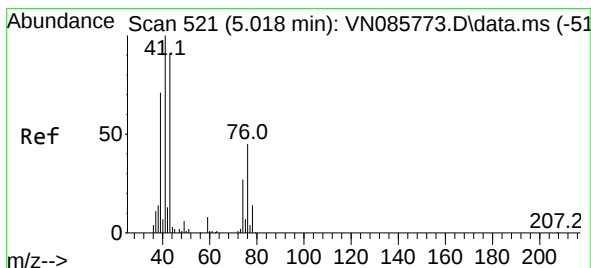
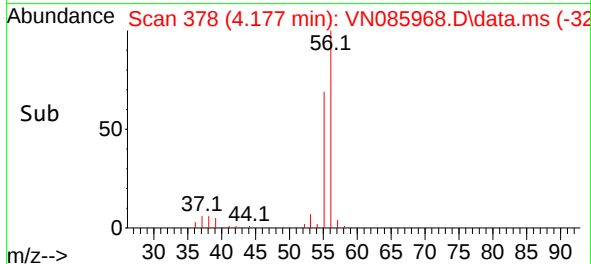
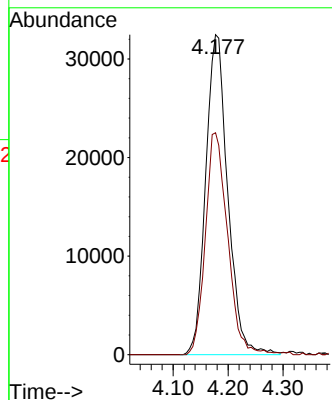
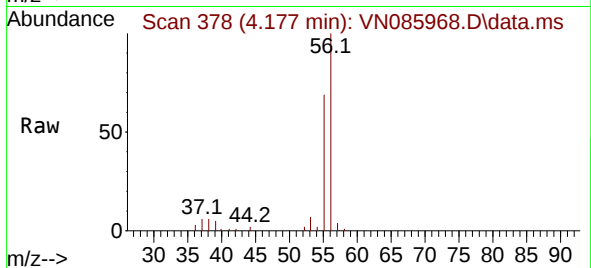




#13
Acrolein
Concen: 218.989 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

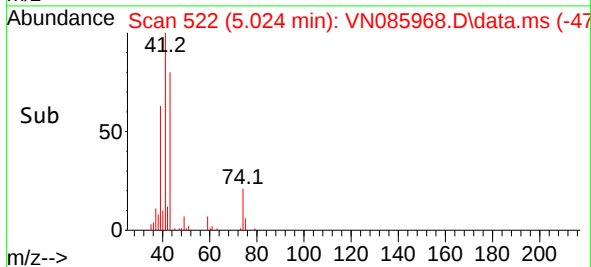
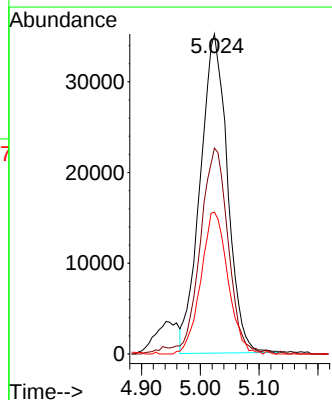
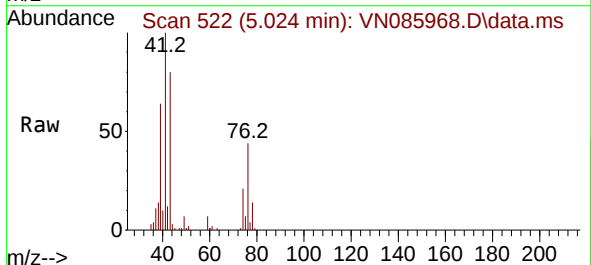
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

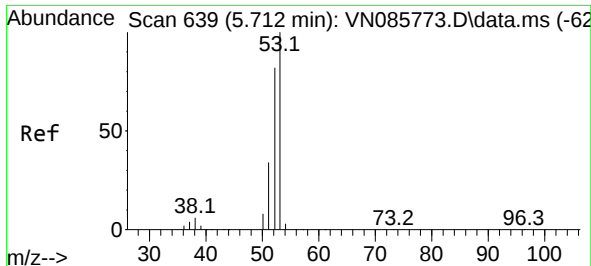
Tgt Ion: 56 Resp: 90568
Ion Ratio Lower Upper
56 100
55 69.9 55.3 82.9



#14
Allyl chloride
Concen: 45.011 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

Tgt Ion: 41 Resp: 113347
Ion Ratio Lower Upper
41 100
39 64.1 57.4 86.2
76 44.1 36.2 54.2

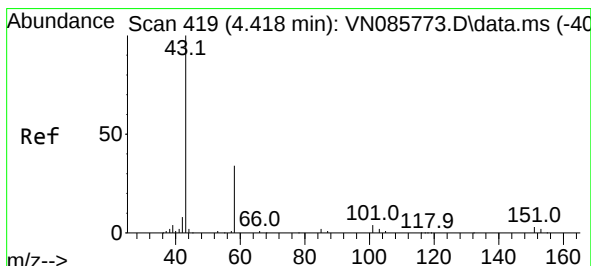
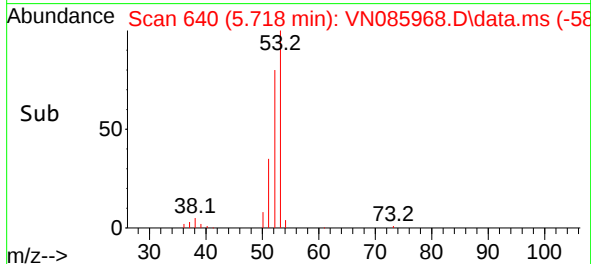
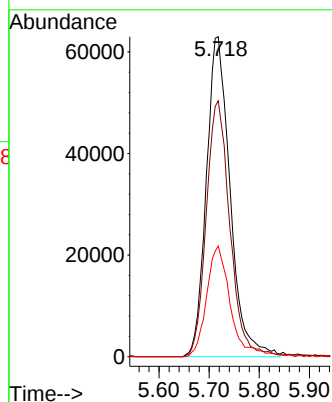
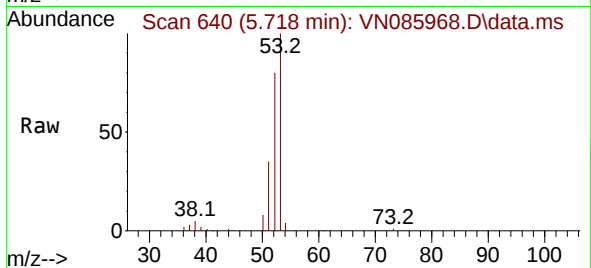




#15
Acrylonitrile
Concen: 229.058 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

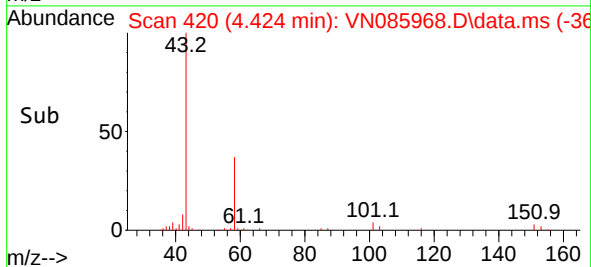
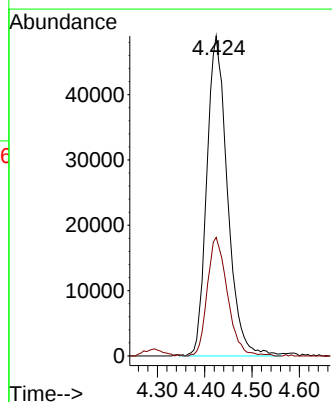
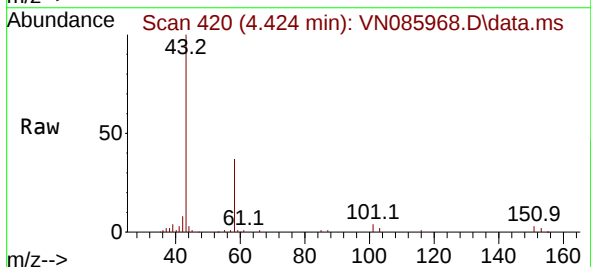
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

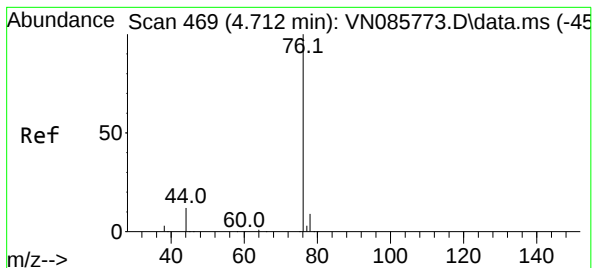
Tgt Ion:	53	Resp:	207674
Ion	Ratio	Lower	Upper
53	100		
52	79.4	65.8	98.6
51	34.5	28.6	42.8



#16
Acetone
Concen: 207.380 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

Tgt Ion:	43	Resp:	148792
Ion	Ratio	Lower	Upper
43	100		
58	37.0	27.5	41.3





#17

Carbon Disulfide

Concen: 43.919 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN085968.D

Acq: 12 Mar 2025 18:30

Instrument :

MSVOA_N

ClientSampleId :

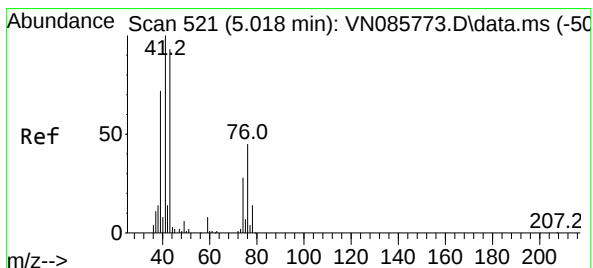
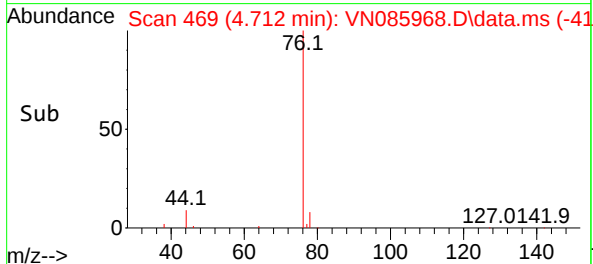
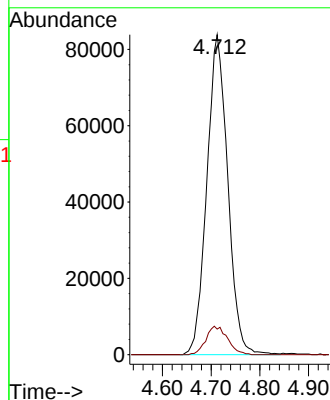
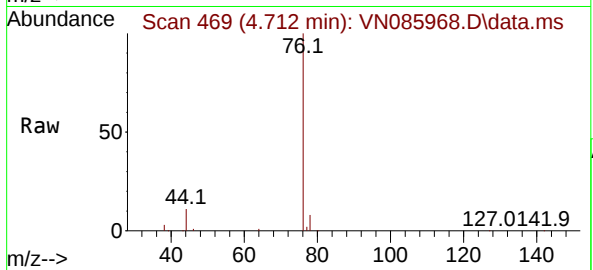
VSTDCCC050EC

Tgt Ion: 76 Resp: 249654

Ion Ratio Lower Upper

76 100

78 8.0 7.4 11.0



#18

Methyl Acetate

Concen: 35.977 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN085968.D

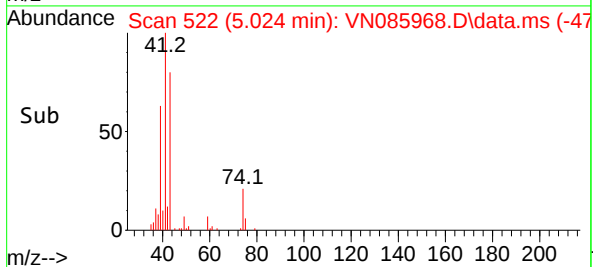
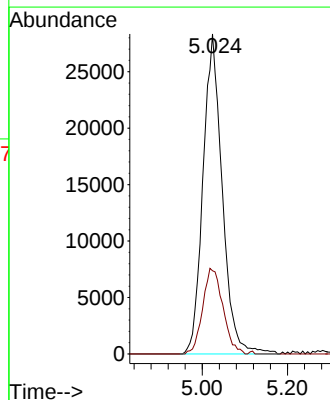
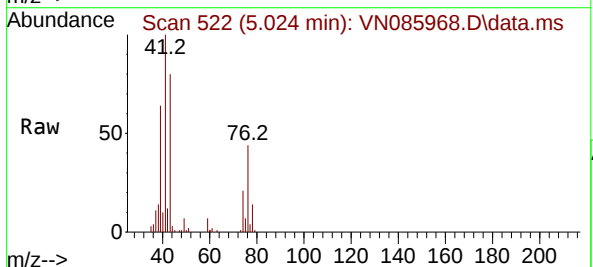
Acq: 12 Mar 2025 18:30

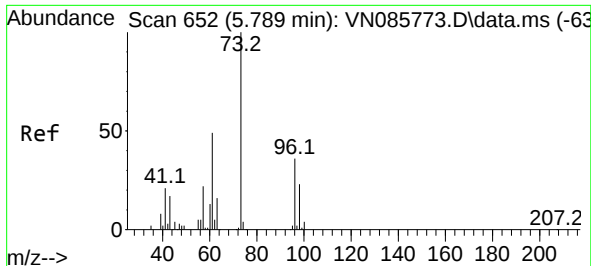
Tgt Ion: 43 Resp: 88784

Ion Ratio Lower Upper

43 100

74 28.1 22.2 33.4

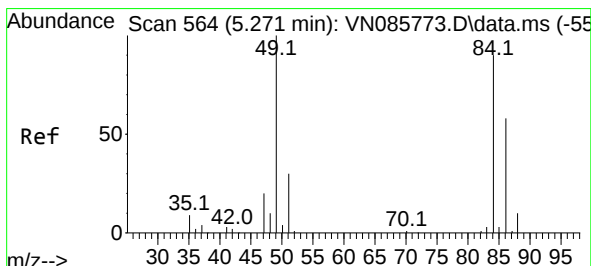
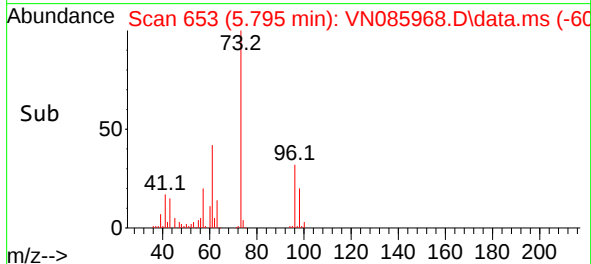
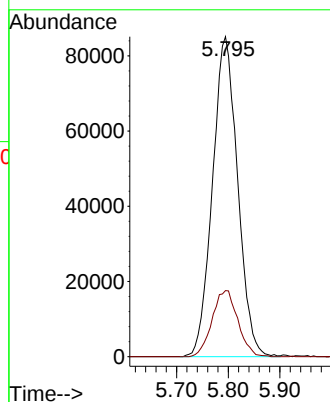
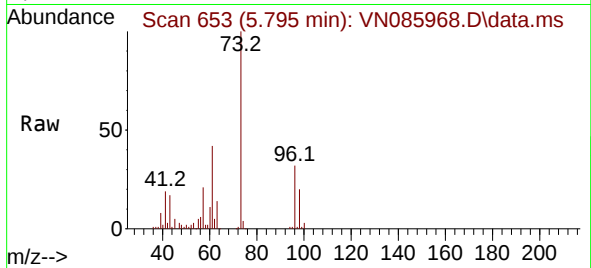




#19
Methyl tert-butyl Ether
Concen: 50.475 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

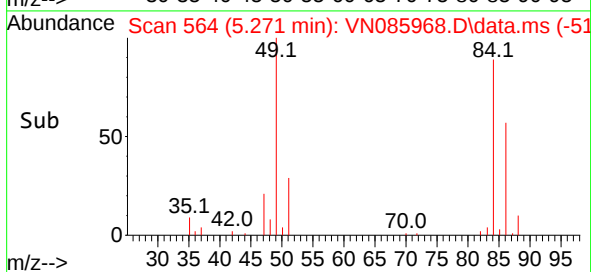
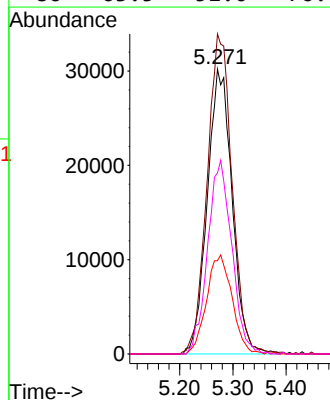
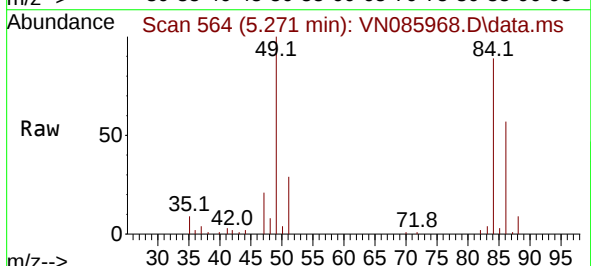
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

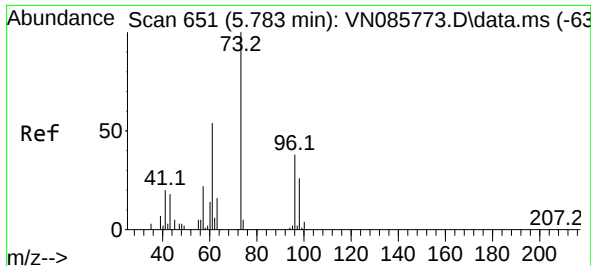
Tgt Ion: 73 Resp: 287683
Ion Ratio Lower Upper
73 100
57 20.6 17.6 26.4



#20
Methylene Chloride
Concen: 42.482 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

Tgt Ion: 84 Resp: 98020
Ion Ratio Lower Upper
84 100
49 112.4 88.4 132.6
51 32.7 26.6 40.0
86 63.5 51.0 76.6

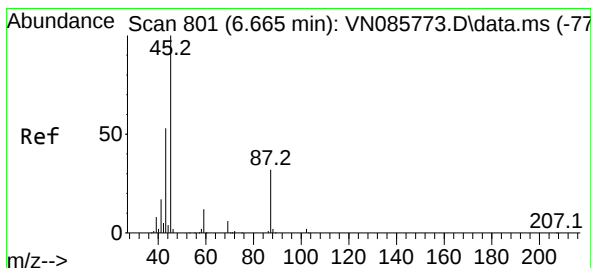
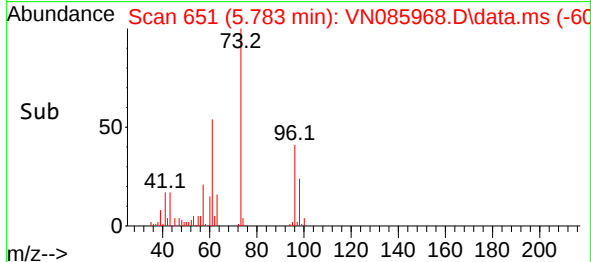
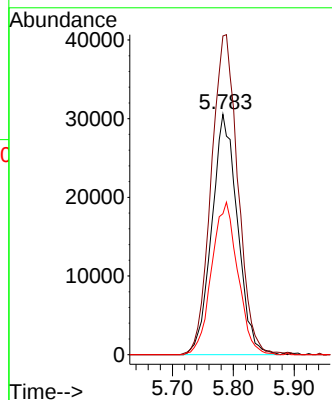
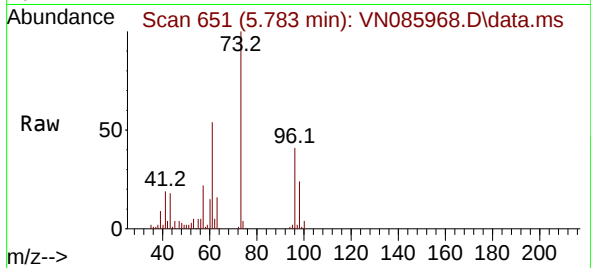




#21
trans-1,2-Dichloroethene
Concen: 43.354 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

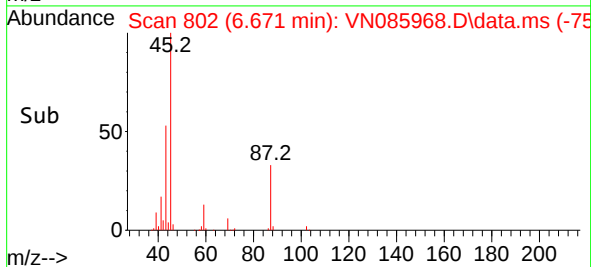
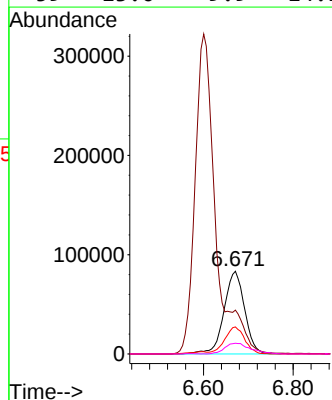
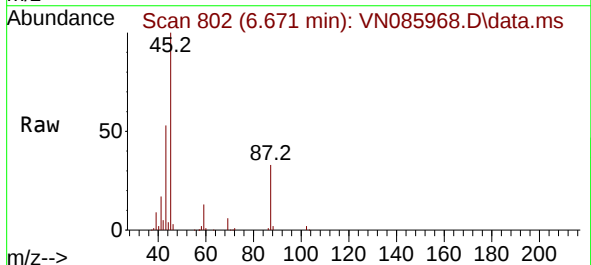
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

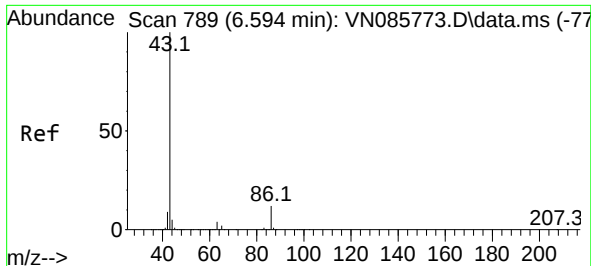
Tgt Ion: 96 Resp: 89538
Ion Ratio Lower Upper
96 100
61 132.6 112.6 168.8
98 58.7 53.3 79.9



#22
Diisopropyl ether
Concen: 46.760 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

Tgt Ion: 45 Resp: 266073
Ion Ratio Lower Upper
45 100
43 52.2 42.6 64.0
87 32.7 25.8 38.8
59 13.0 9.9 14.9

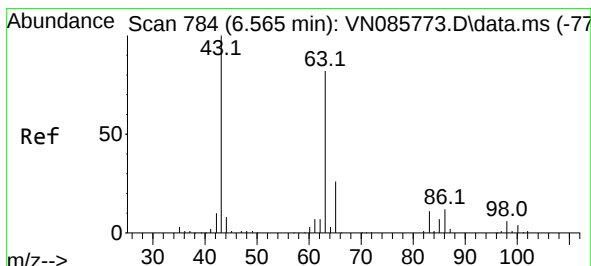
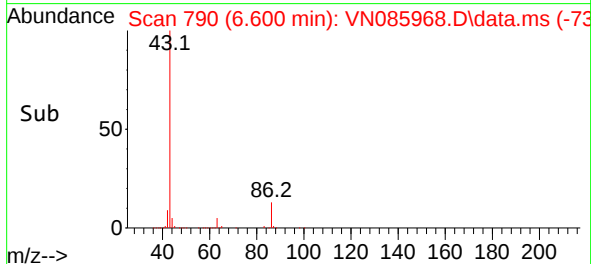
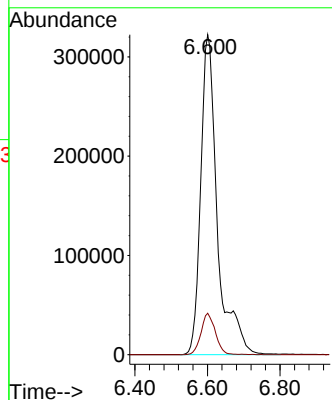
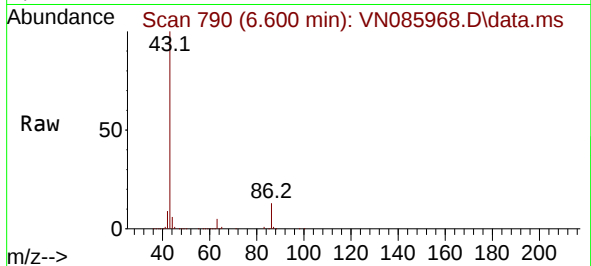




#23
 Vinyl Acetate
 Concen: 263.760 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085968.D
 Acq: 12 Mar 2025 18:30

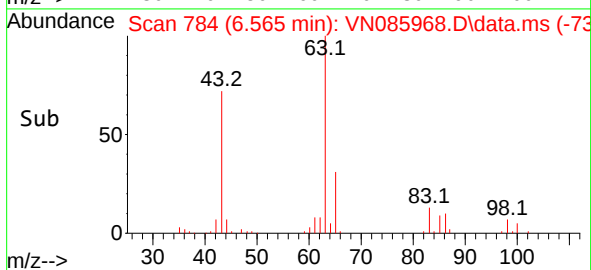
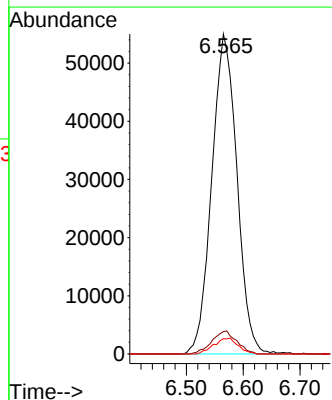
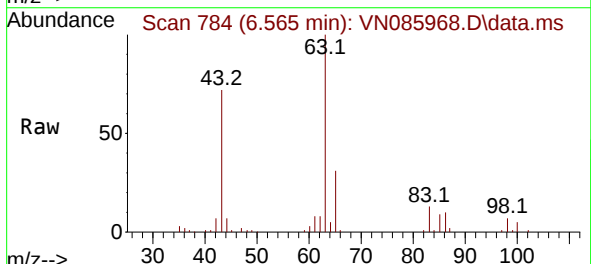
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

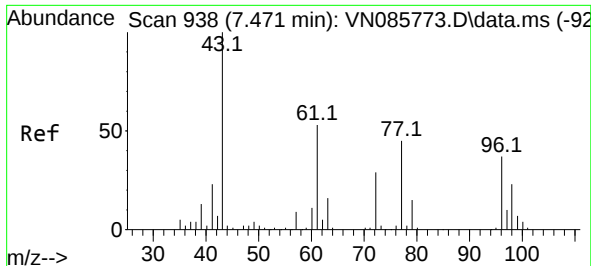
Tgt Ion: 43 Resp: 1027624
 Ion Ratio Lower Upper
 43 100
 86 13.0 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 43.730 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN085968.D
 Acq: 12 Mar 2025 18:30

Tgt Ion: 63 Resp: 169151
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.4
 100 4.8 2.4 7.2





#25

2-Butanone

Concen: 222.492 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.012 min

Lab File: VN085968.D

Acq: 12 Mar 2025 18:30

Instrument :

MSVOA_N

ClientSampleId :

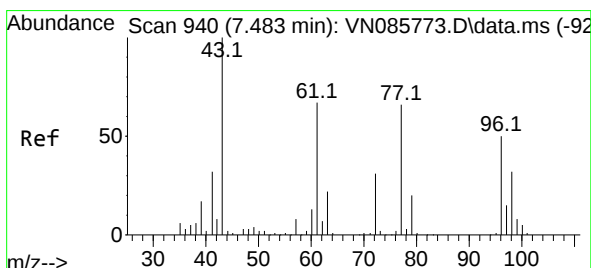
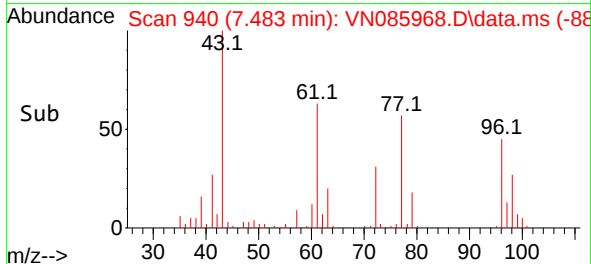
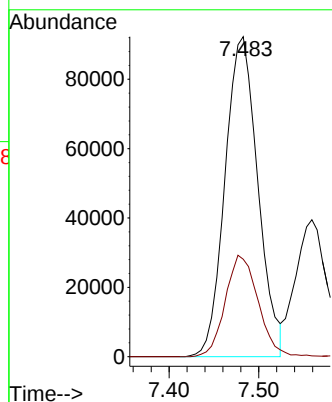
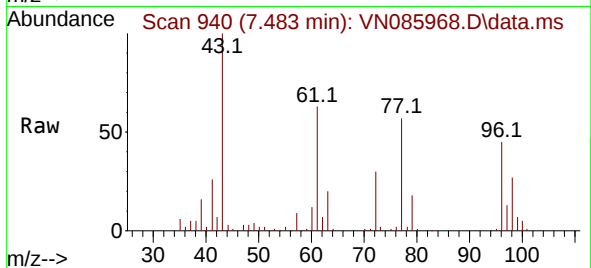
VSTDCCC050EC

Tgt Ion: 43 Resp: 234852

Ion Ratio Lower Upper

43 100

72 30.5 23.6 35.4



#26

2,2-Dichloropropane

Concen: 43.569 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN085968.D

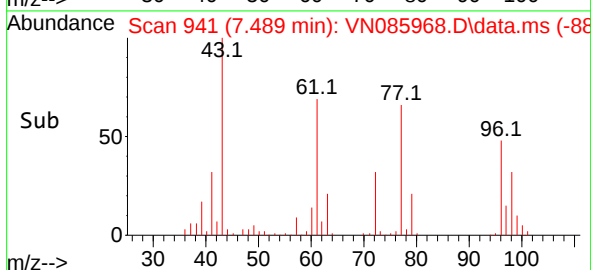
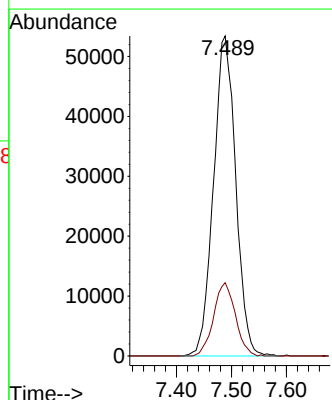
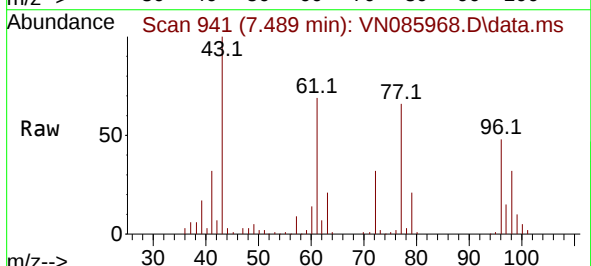
Acq: 12 Mar 2025 18:30

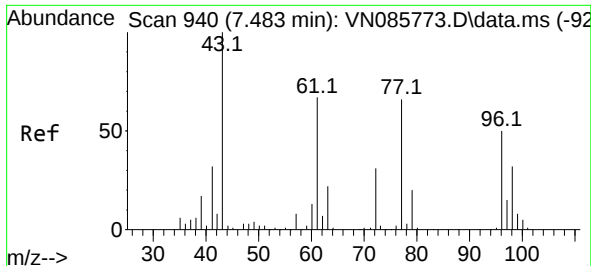
Tgt Ion: 77 Resp: 149859

Ion Ratio Lower Upper

77 100

97 22.4 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 44.514 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.000 min

Lab File: VN085968.D

Acq: 12 Mar 2025 18:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

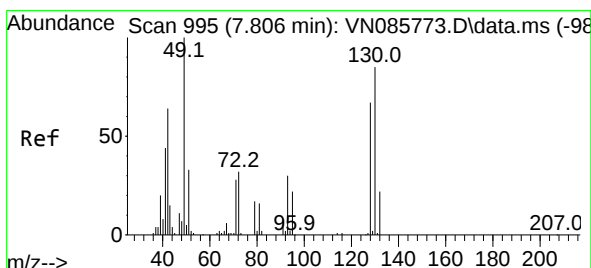
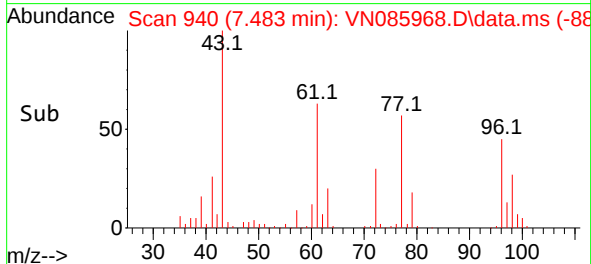
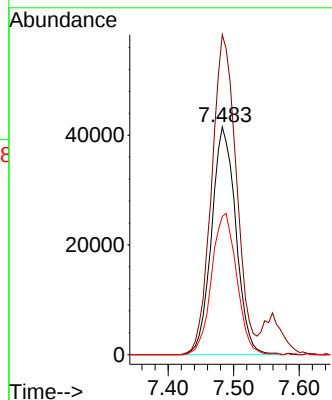
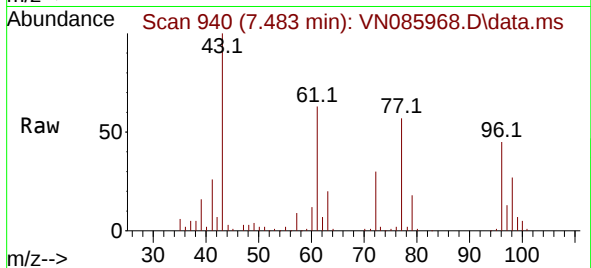
Tgt Ion: 96 Resp: 106596

Ion Ratio Lower Upper

96 100

61 143.7 0.0 280.6

98 64.3 0.0 128.6



#28

Bromochloromethane

Concen: 43.986 ug/l

RT: 7.812 min Scan# 996

Delta R.T. 0.006 min

Lab File: VN085968.D

Acq: 12 Mar 2025 18:30

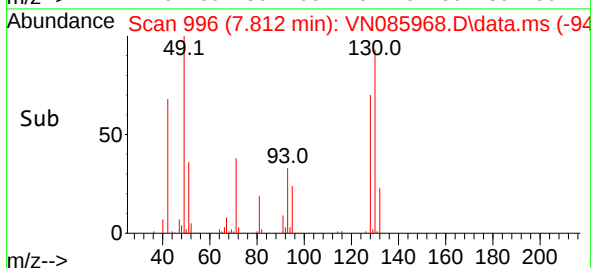
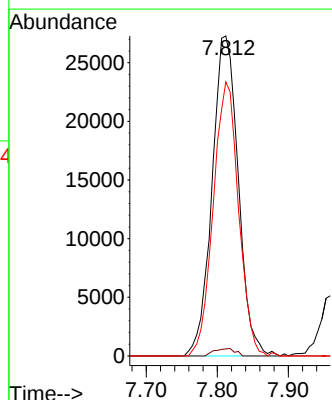
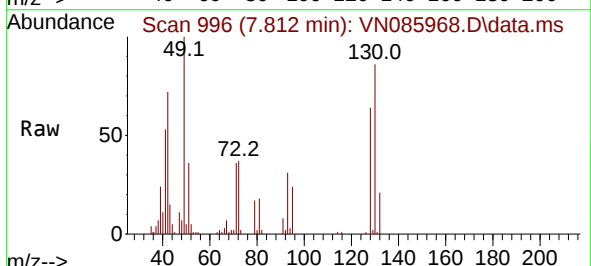
Tgt Ion: 49 Resp: 69930

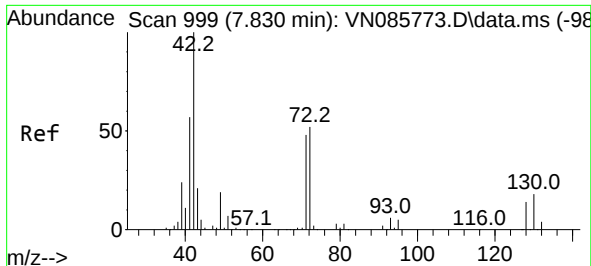
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 82.4 68.0 102.0

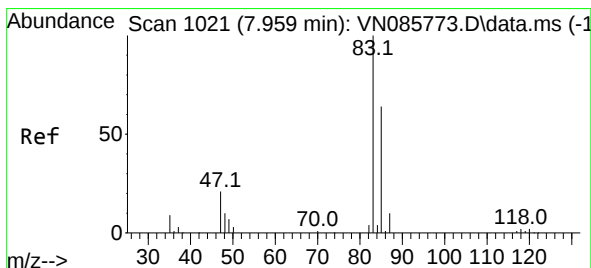
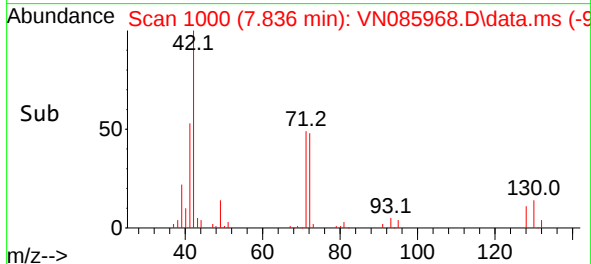
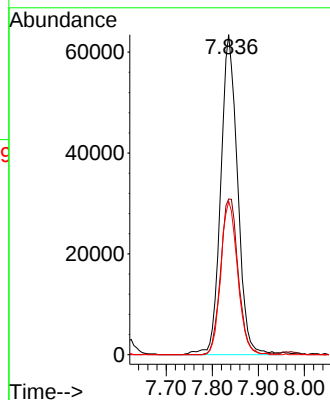
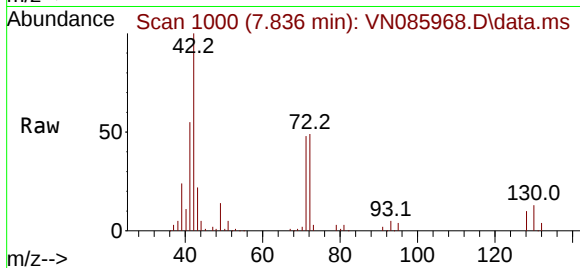




#29
Tetrahydrofuran
Concen: 236.381 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

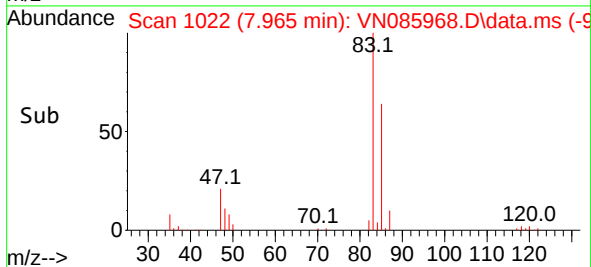
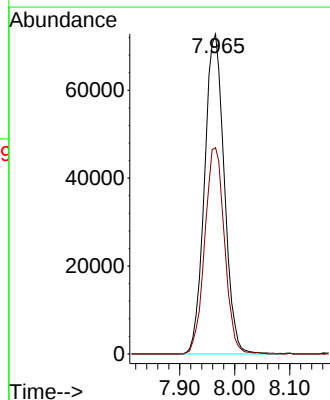
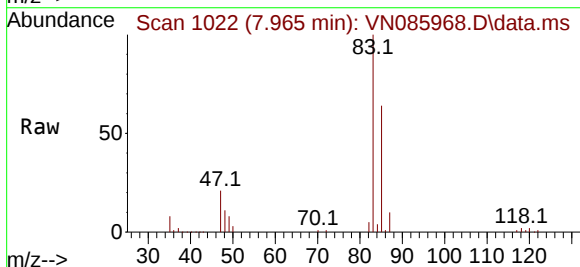
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

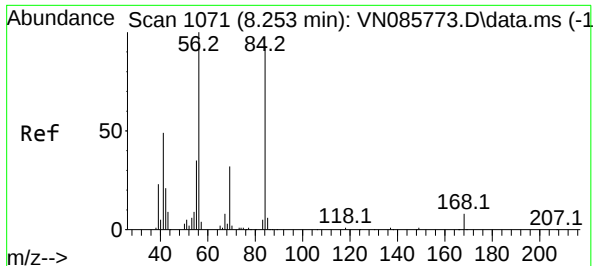
Tgt Ion: 42 Resp: 161121
Ion Ratio Lower Upper
42 100
72 50.6 40.0 60.0
71 47.7 37.0 55.4



#30
Chloroform
Concen: 44.854 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

Tgt Ion: 83 Resp: 181313
Ion Ratio Lower Upper
83 100
85 64.5 50.9 76.3

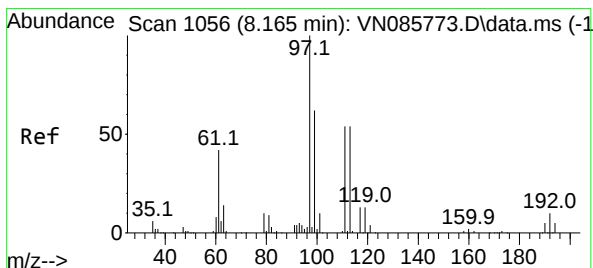
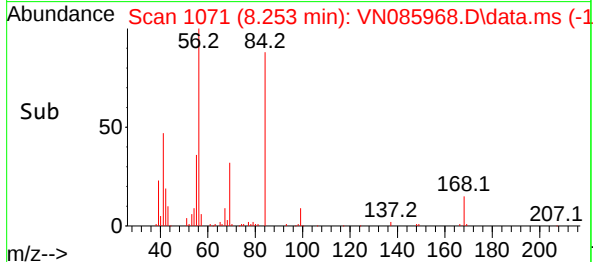
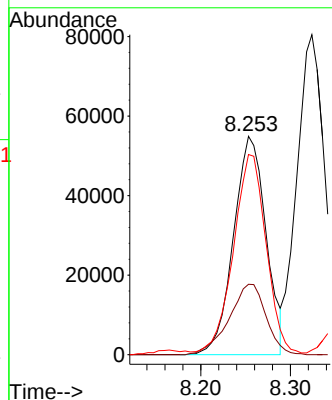
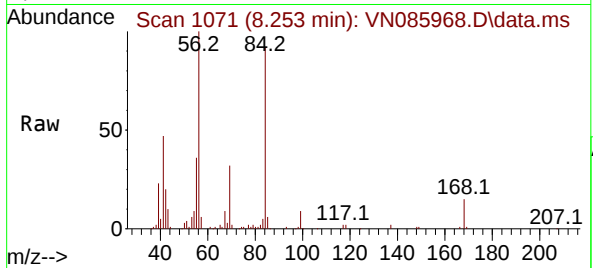




#31
Cyclohexane
Concen: 42.669 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

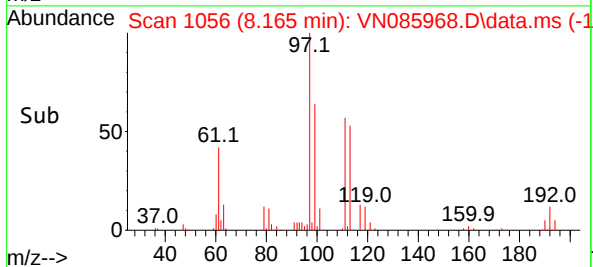
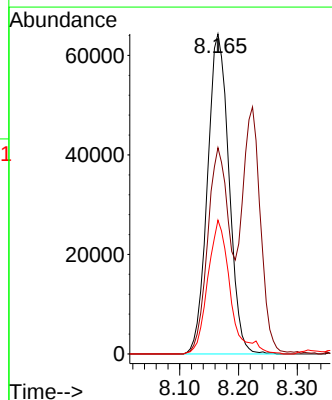
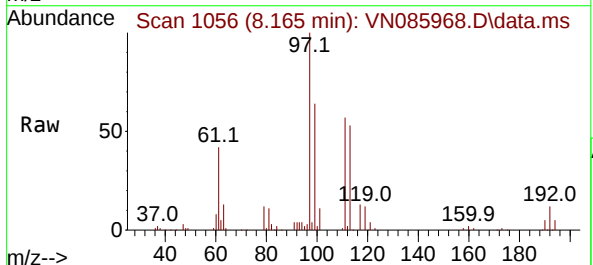
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

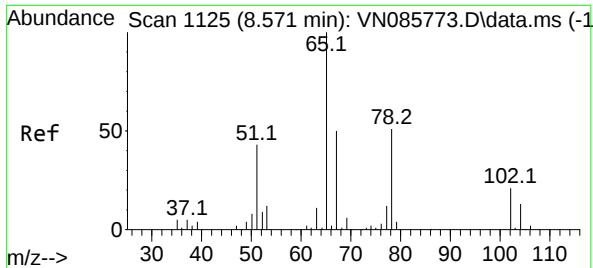
Tgt Ion: 56 Resp: 138191
Ion Ratio Lower Upper
56 100
69 32.2 25.8 38.6
84 90.3 74.5 111.7



#32
1,1,1-Trichloroethane
Concen: 45.493 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

Tgt Ion: 97 Resp: 163568
Ion Ratio Lower Upper
97 100
99 65.4 50.4 75.6
61 43.7 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 46.515 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085968.D

Acq: 12 Mar 2025 18:30

Instrument :

MSVOA_N

ClientSampleId :

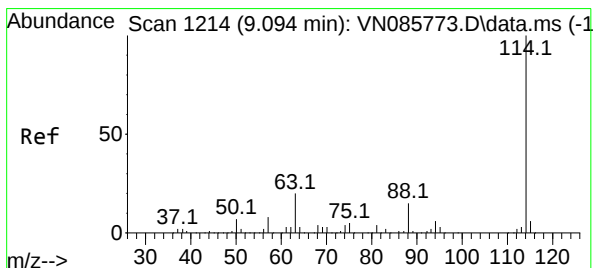
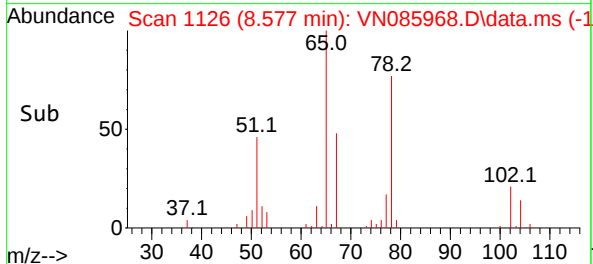
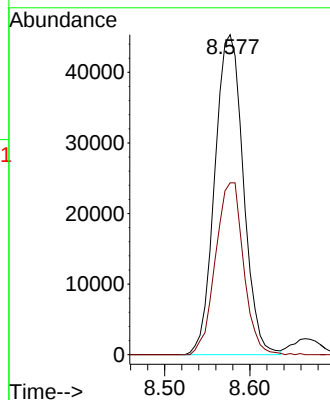
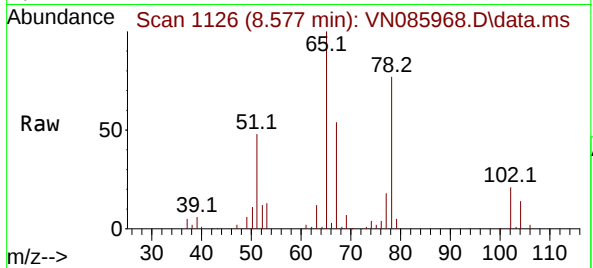
VSTDCCC050EC

Tgt Ion: 65 Resp: 105473

Ion Ratio Lower Upper

65 100

67 52.8 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: VN085968.D

Acq: 12 Mar 2025 18:30

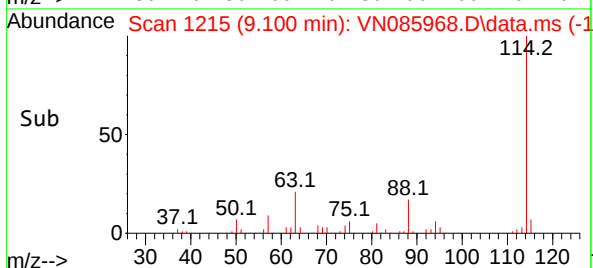
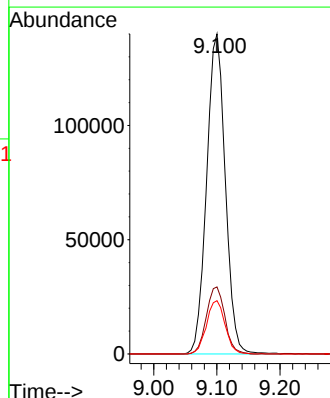
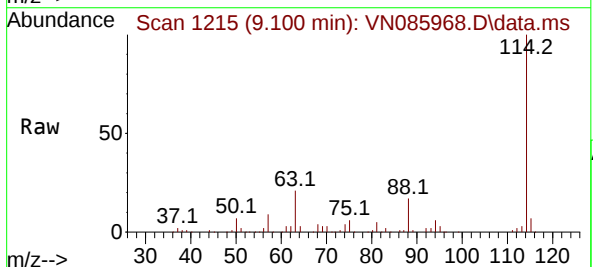
Tgt Ion: 114 Resp: 287582

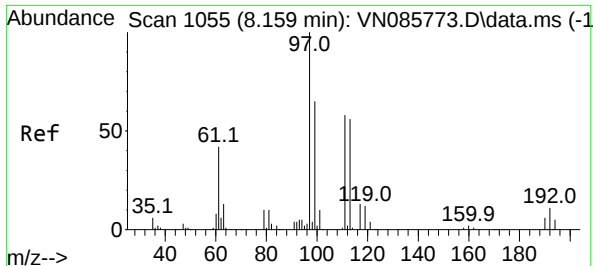
Ion Ratio Lower Upper

114 100

63 21.0 0.0 39.2

88 16.7 0.0 30.0





#35

Dibromofluoromethane

Concen: 46.166 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VN085968.D

Acq: 12 Mar 2025 18:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

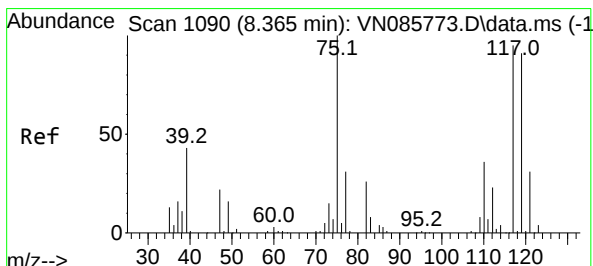
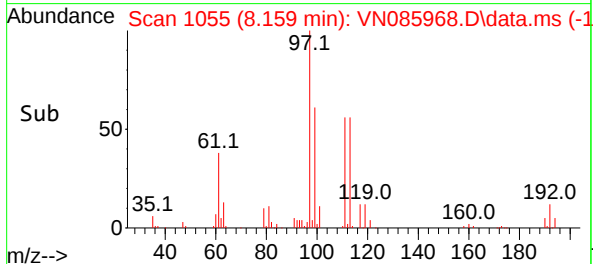
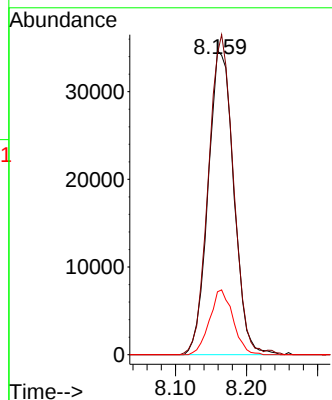
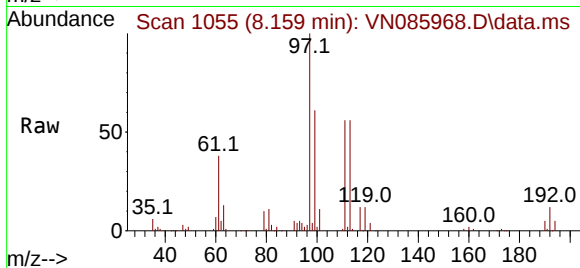
Tgt Ion:113 Resp: 86875

Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.4

192 19.5 14.7 22.1



#36

1,1-Dichloropropene

Concen: 46.507 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN085968.D

Acq: 12 Mar 2025 18:30

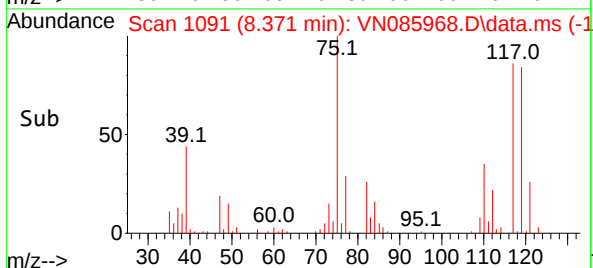
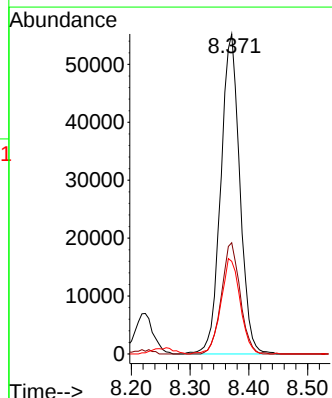
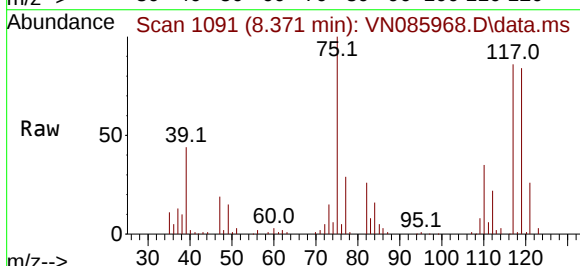
Tgt Ion: 75 Resp: 123860

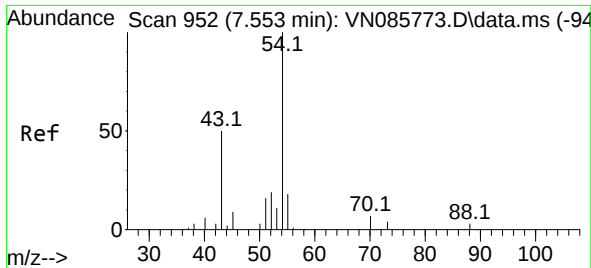
Ion Ratio Lower Upper

75 100

110 34.2 17.3 52.0

77 30.3 24.6 37.0

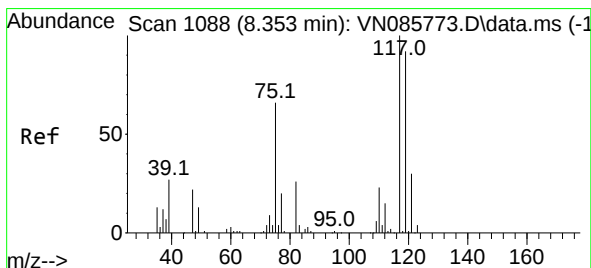
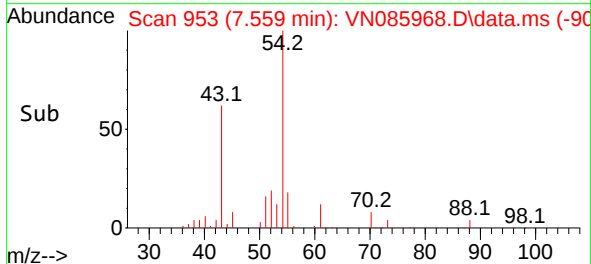
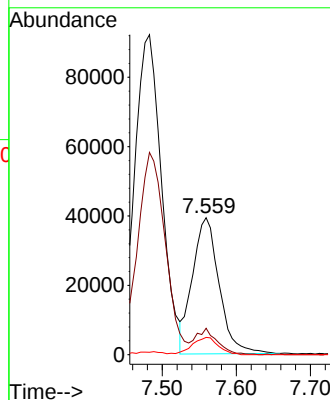
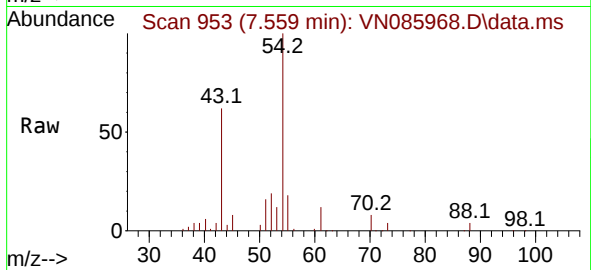




#37
Ethyl Acetate
Concen: 44.833 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

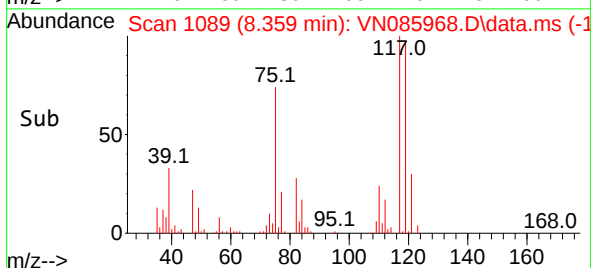
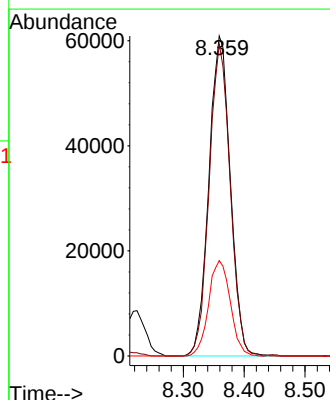
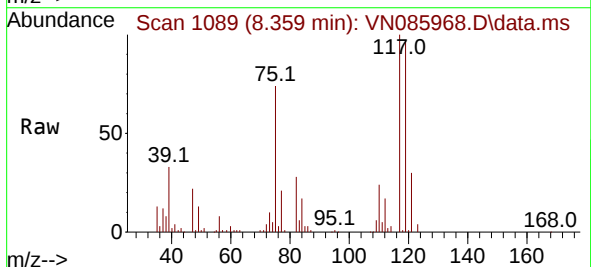
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

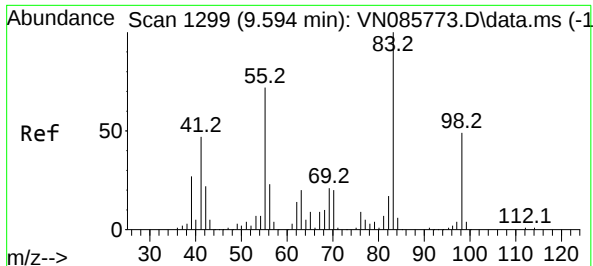
Tgt Ion: 43 Resp: 98260
Ion Ratio Lower Upper
43 100
61 15.6 12.2 18.2
70 12.3 9.5 14.3



#38
Carbon Tetrachloride
Concen: 47.039 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

Tgt Ion: 117 Resp: 148853
Ion Ratio Lower Upper
117 100
119 97.4 73.8 110.6
121 29.8 24.3 36.5





#39

Methylcyclohexane

Concen: 46.573 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN085968.D

Acq: 12 Mar 2025 18:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

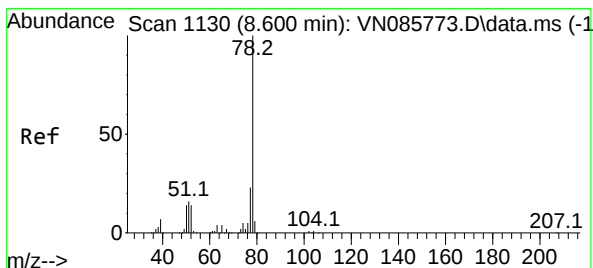
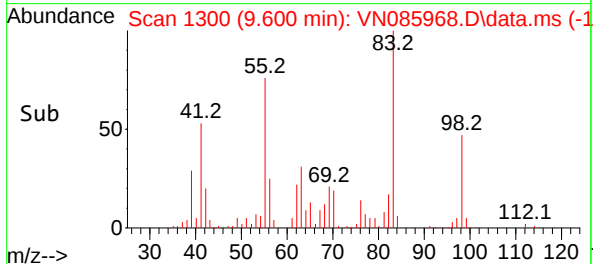
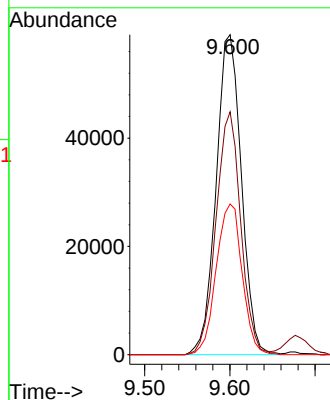
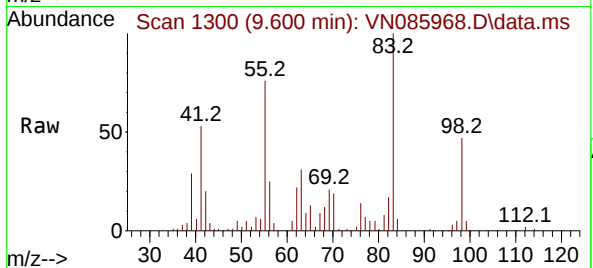
Tgt Ion: 83 Resp: 121853

Ion Ratio Lower Upper

83 100

55 75.9 57.5 86.3

98 47.1 39.2 58.8



#40

Benzene

Concen: 45.747 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN085968.D

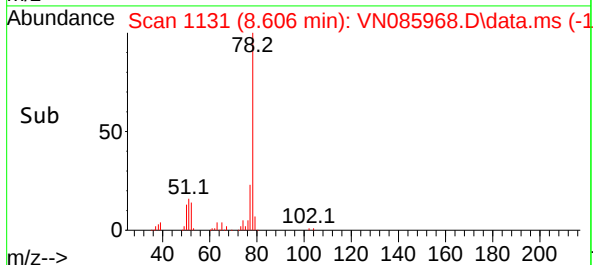
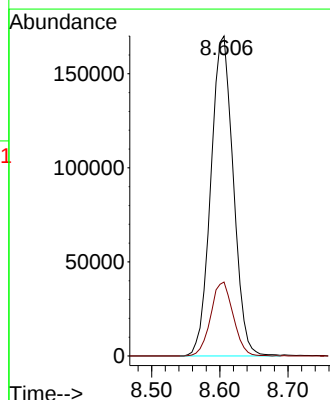
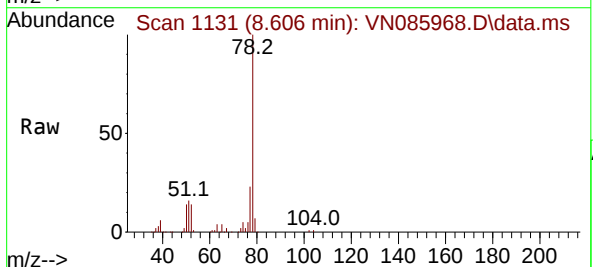
Acq: 12 Mar 2025 18:30

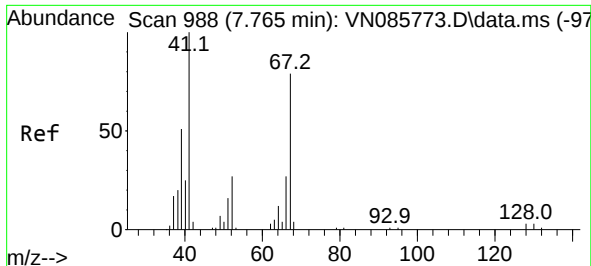
Tgt Ion: 78 Resp: 390496

Ion Ratio Lower Upper

78 100

77 23.1 18.3 27.5



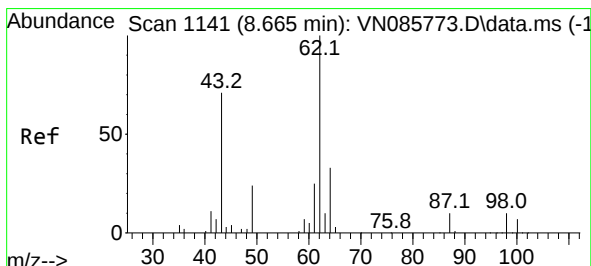
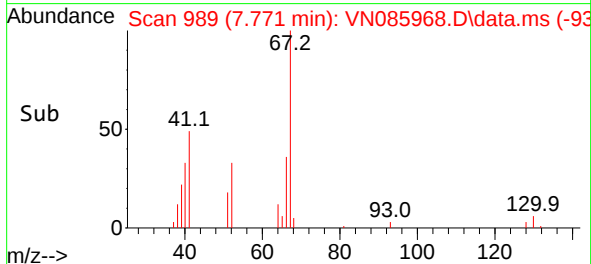
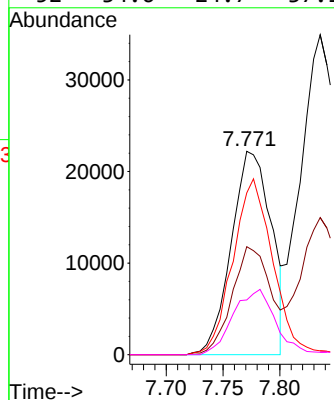
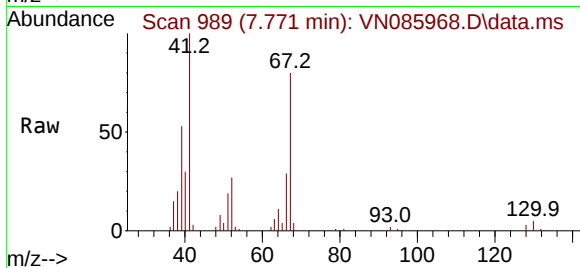


#41
Methacrylonitrile
Concen: 46.415 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 54381

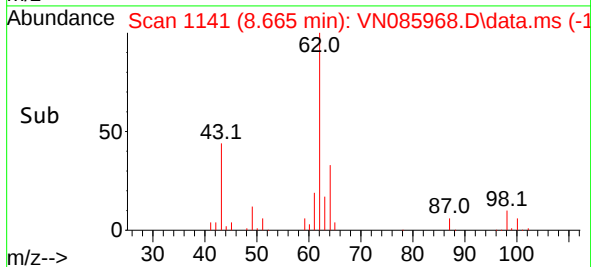
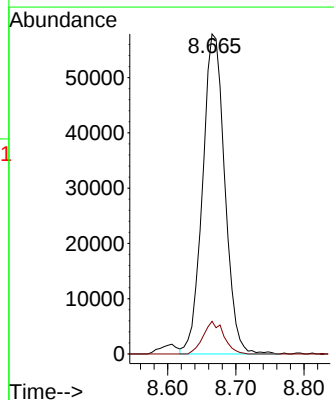
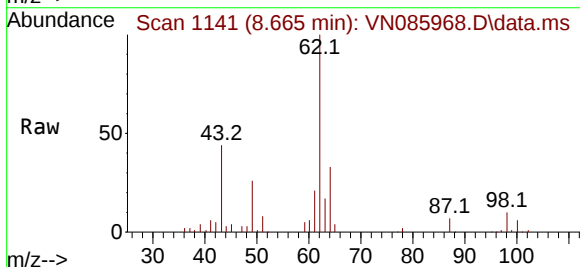
Ion	Ratio	Lower	Upper
41	100		
39	50.9	42.0	63.0
67	86.8	64.2	96.4
52	34.6	24.7	37.1

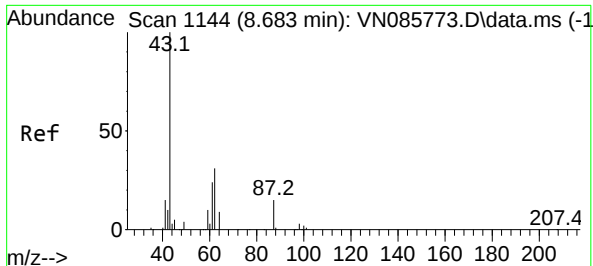


#42
1,2-Dichloroethane
Concen: 47.149 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

Tgt Ion: 62 Resp: 131093

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.6

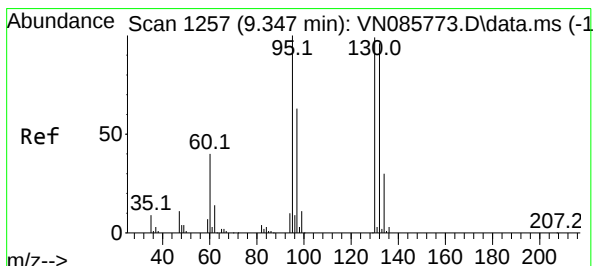
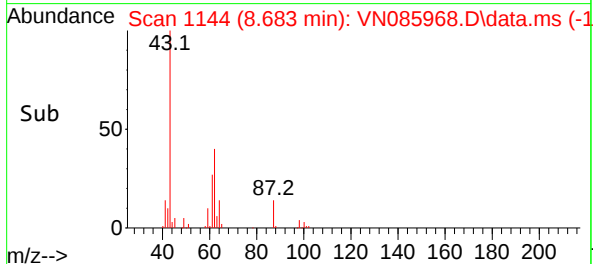
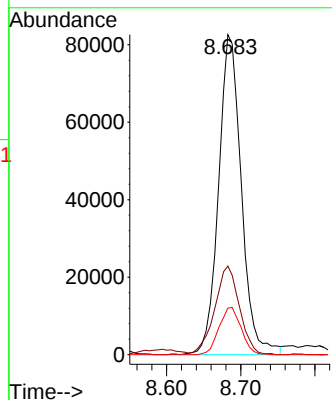
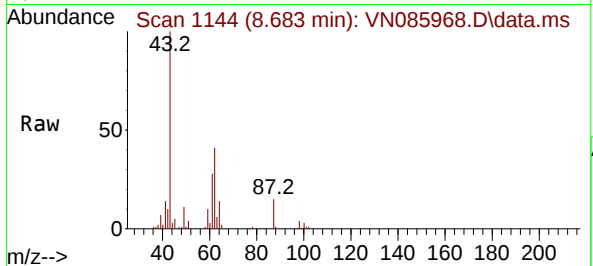




#43
Isopropyl Acetate
Concen: 45.872 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

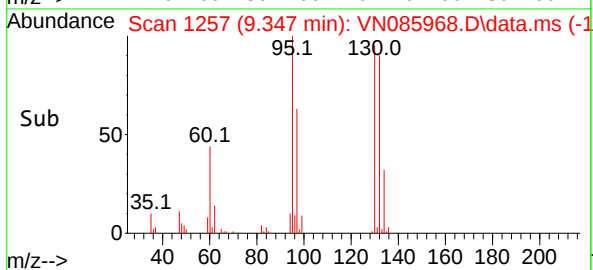
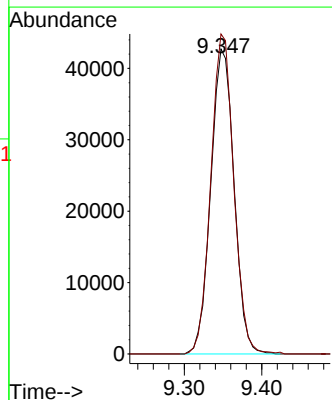
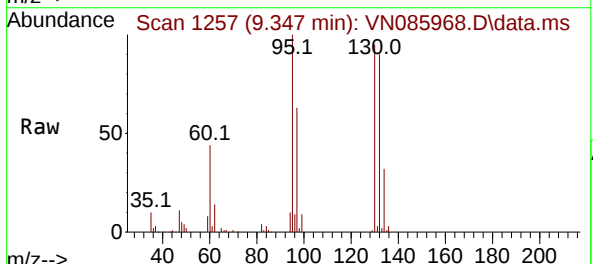
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

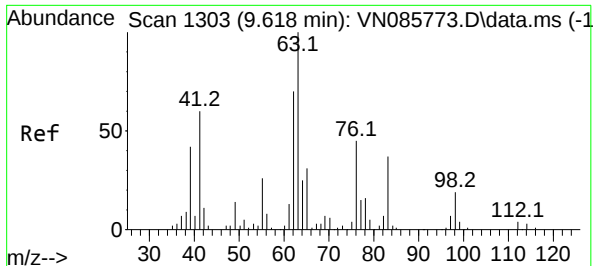
Tgt Ion: 43 Resp: 176616
Ion Ratio Lower Upper
43 100
61 30.0 22.6 34.0
87 14.3 11.8 17.8



#44
Trichloroethene
Concen: 42.667 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

Tgt Ion:130 Resp: 89422
Ion Ratio Lower Upper
130 100
95 104.9 0.0 202.6





#45

1,2-Dichloropropane

Concen: 45.572 ug/l

RT: 9.618 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085968.D

Acq: 12 Mar 2025 18:30

Instrument :

MSVOA_N

ClientSampleId :

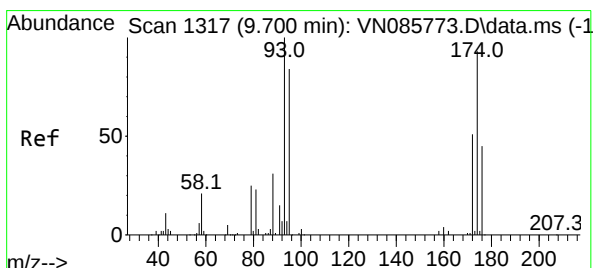
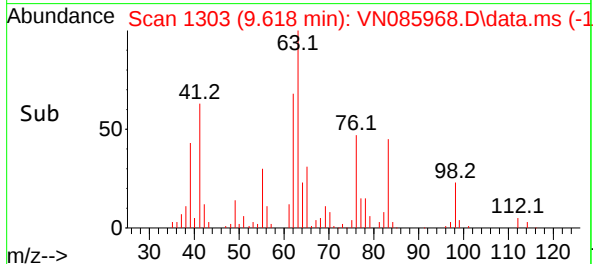
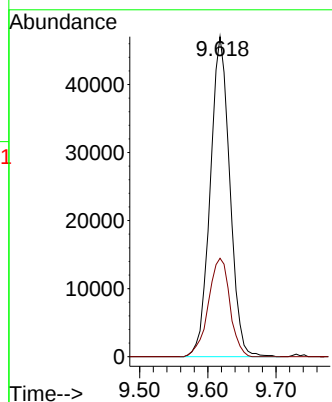
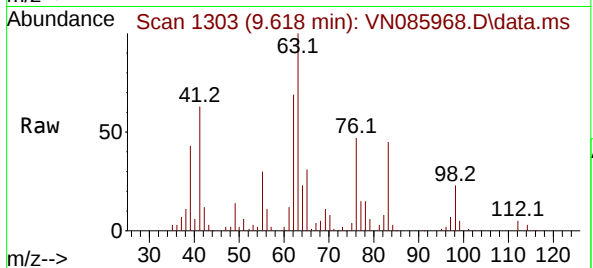
VSTDCCC050EC

Tgt Ion: 63 Resp: 93896

Ion Ratio Lower Upper

63 100

65 30.8 25.1 37.7



#46

Dibromomethane

Concen: 45.990 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN085968.D

Acq: 12 Mar 2025 18:30

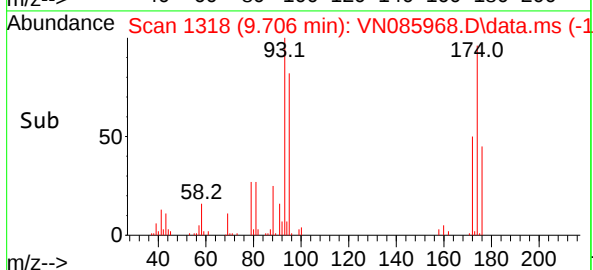
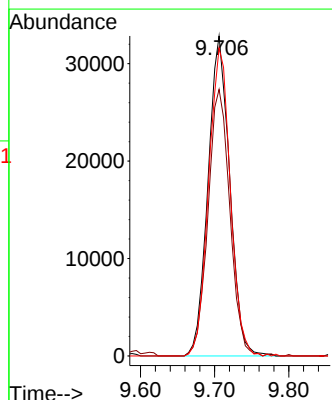
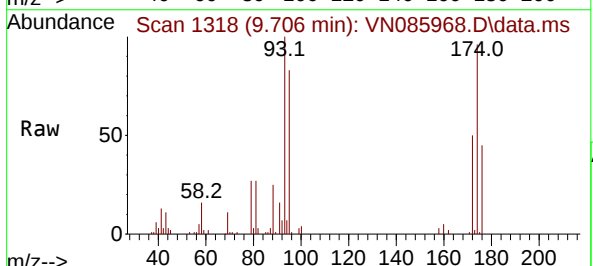
Tgt Ion: 93 Resp: 66839

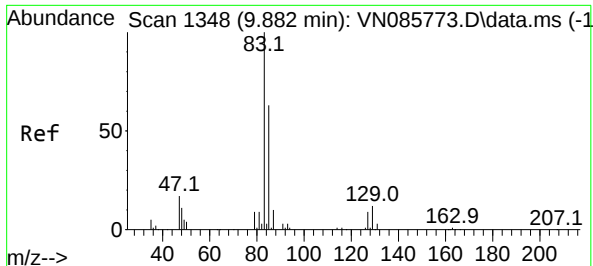
Ion Ratio Lower Upper

93 100

95 83.7 66.7 100.1

174 96.2 77.2 115.8

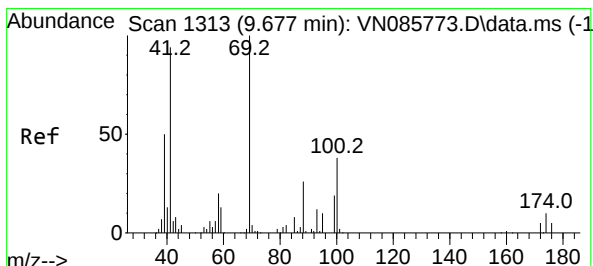
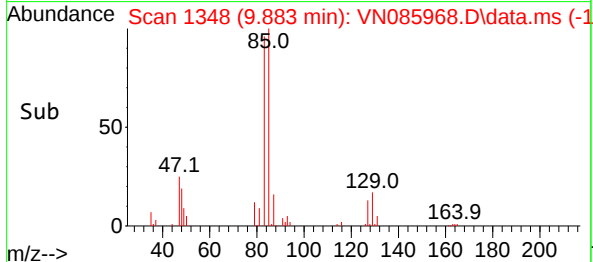
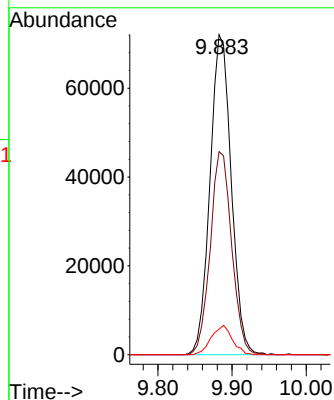
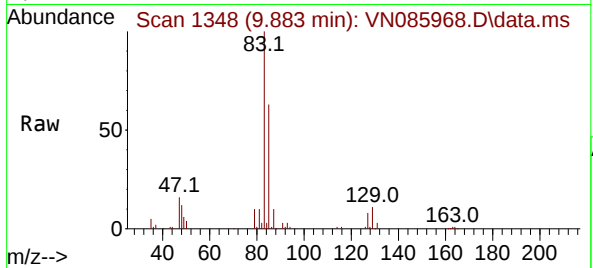




#47
Bromodichloromethane
Concen: 46.131 ug/l
RT: 9.883 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

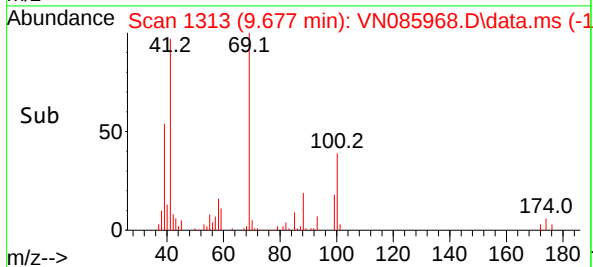
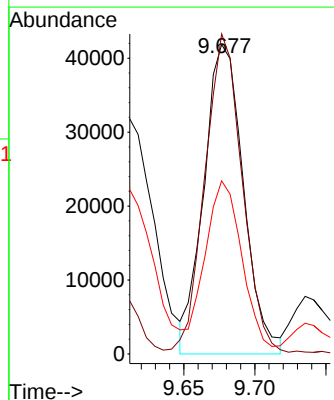
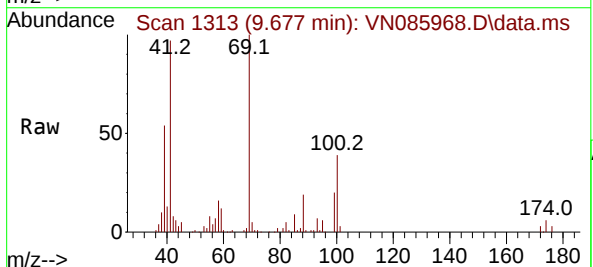
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

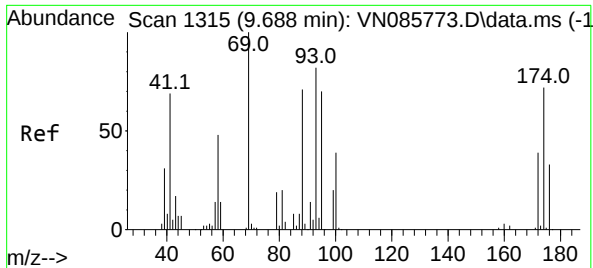
Tgt Ion: 83 Resp: 143438
Ion Ratio Lower Upper
83 100
85 63.5 50.5 75.7
127 8.0 7.2 10.8



#48
Methyl methacrylate
Concen: 49.812 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

Tgt Ion: 41 Resp: 81079
Ion Ratio Lower Upper
41 100
69 98.3 76.0 114.0
39 53.4 42.3 63.5

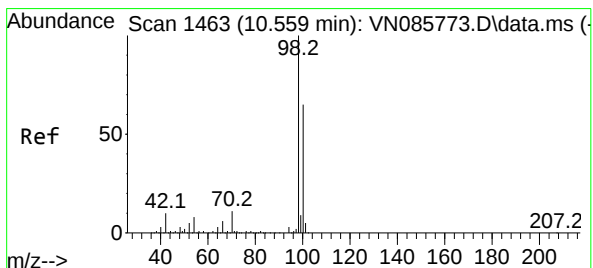
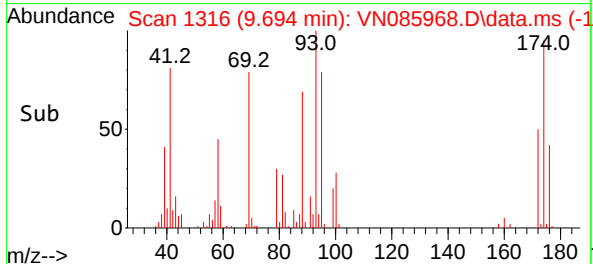
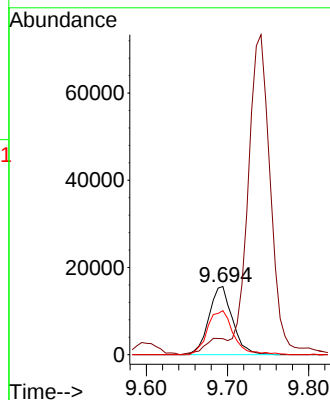
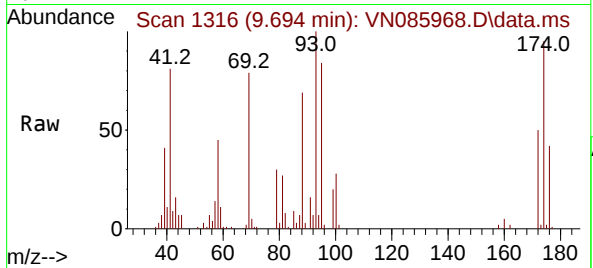




#49
1,4-Dioxane
Concen: 1019.046 ug/l
RT: 9.694 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

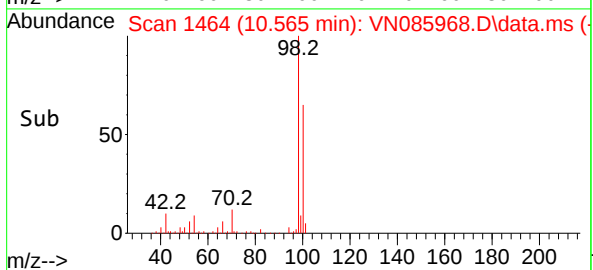
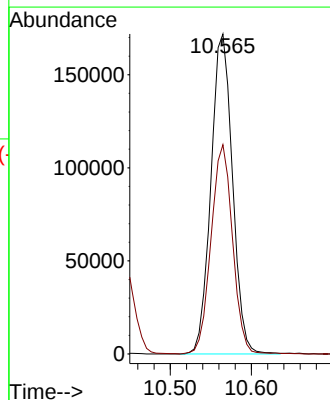
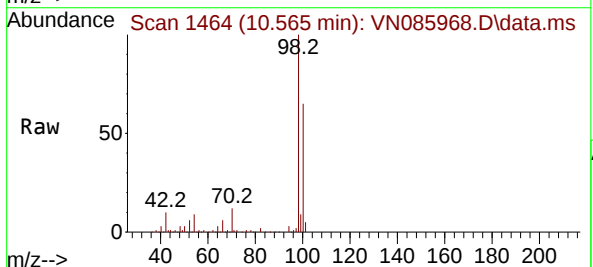
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

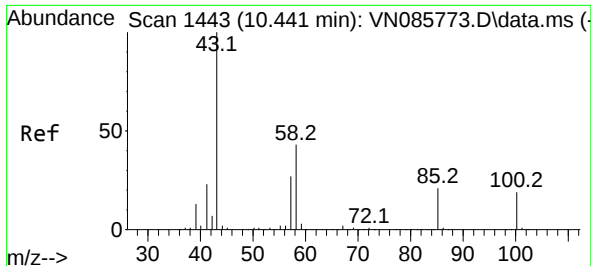
Tgt Ion: 88 Resp: 31542
Ion Ratio Lower Upper
88 100
43 23.6 18.6 27.8
58 71.2 56.7 85.1



#50
Toluene-d8
Concen: 46.273 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

Tgt Ion: 98 Resp: 316814
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1

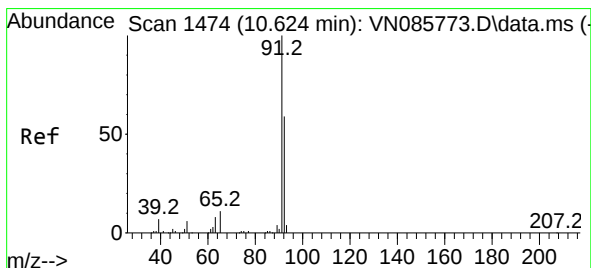
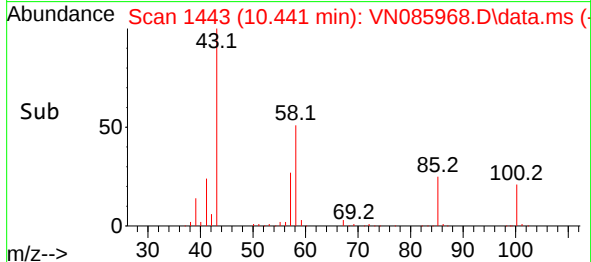
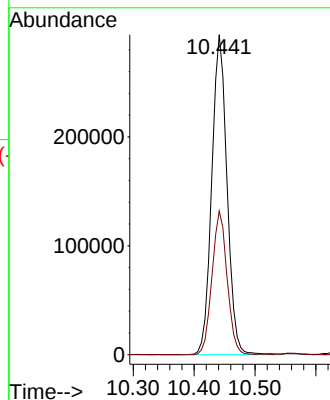
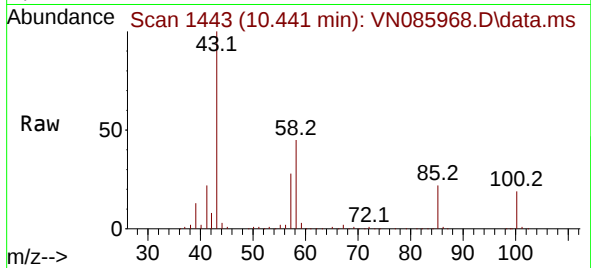




#51
4-Methyl-2-Pentanone
Concen: 242.025 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

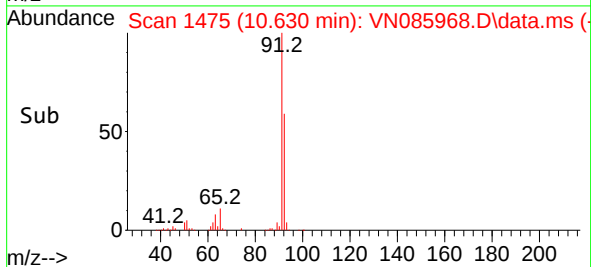
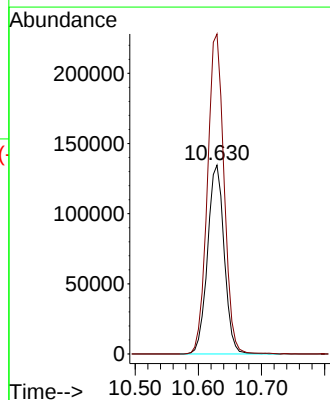
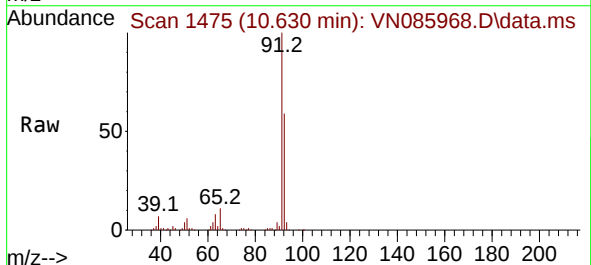
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

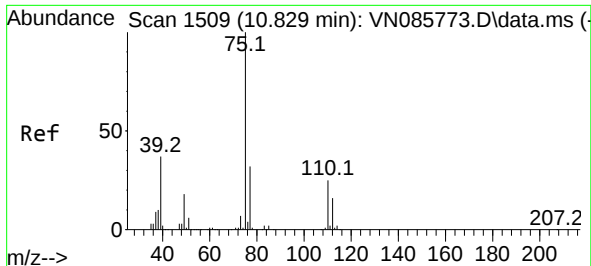
Tgt Ion: 43 Resp: 511423
Ion Ratio Lower Upper
43 100
58 44.5 34.6 52.0



#52
Toluene
Concen: 49.147 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

Tgt Ion: 92 Resp: 245915
Ion Ratio Lower Upper
92 100
91 169.1 136.9 205.3

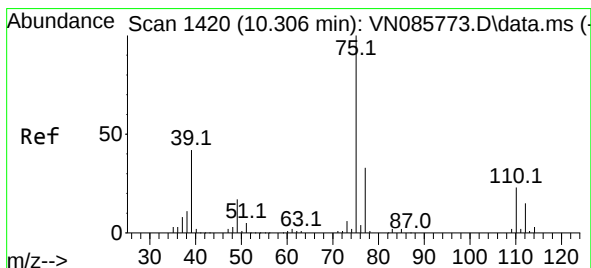
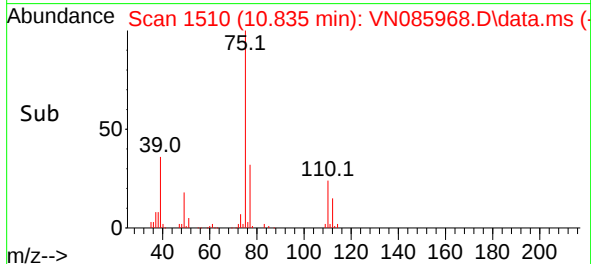
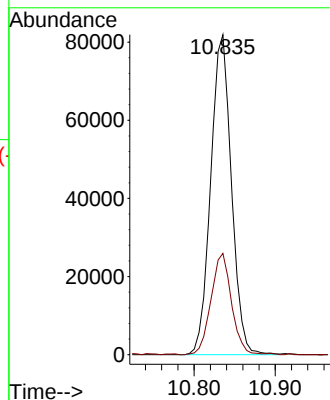
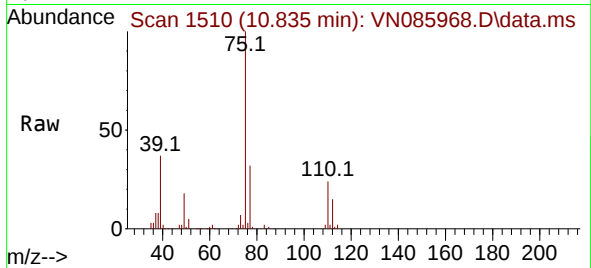




#53
t-1,3-Dichloropropene
Concen: 50.468 ug/l
RT: 10.835 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

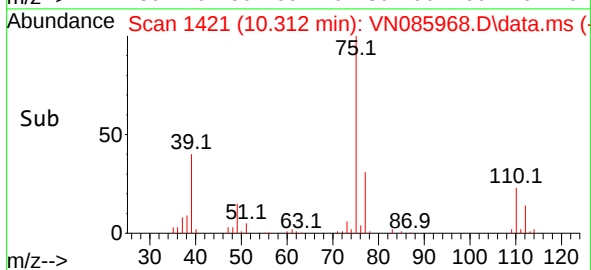
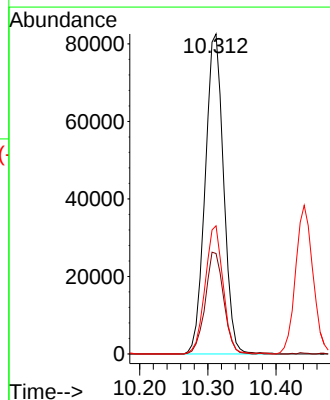
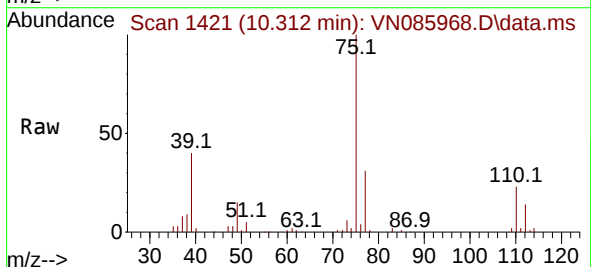
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

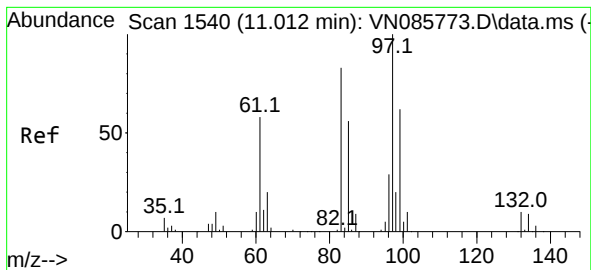
Tgt Ion: 75 Resp: 145106
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 49.219 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

Tgt Ion: 75 Resp: 155179
Ion Ratio Lower Upper
75 100
77 31.4 26.1 39.1
39 40.1 33.4 50.0





#55

1,1,2-Trichloroethane

Concen: 45.756 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. -0.000 min

Lab File: VN085968.D

Acq: 12 Mar 2025 18:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 91028

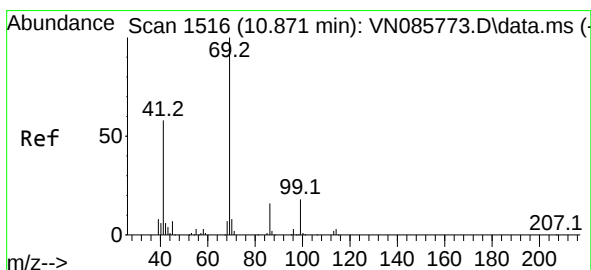
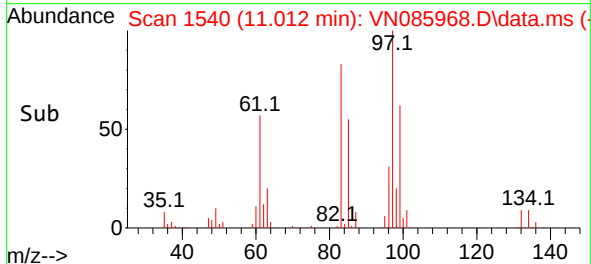
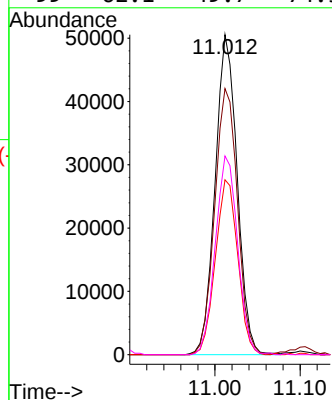
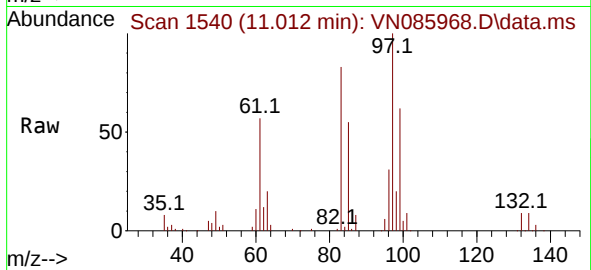
Ion Ratio Lower Upper

97 100

83 83.2 66.1 99.1

85 54.7 44.7 67.1

99 62.1 49.7 74.5



#56

Ethyl methacrylate

Concen: 49.256 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VN085968.D

Acq: 12 Mar 2025 18:30

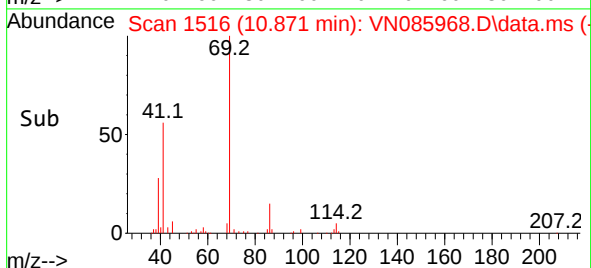
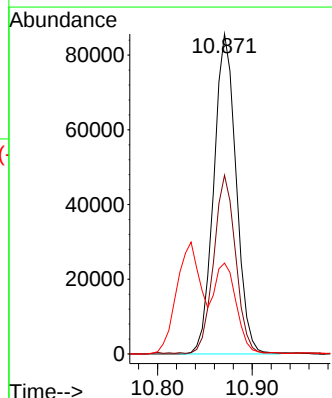
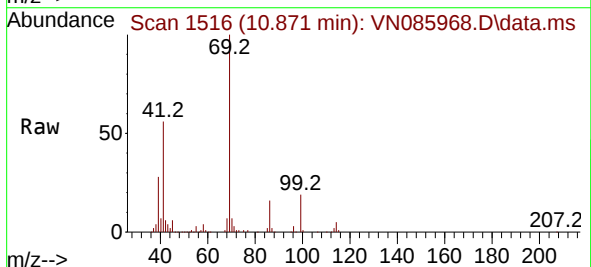
Tgt Ion: 69 Resp: 140632

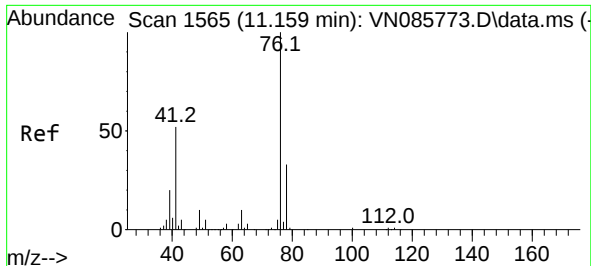
Ion Ratio Lower Upper

69 100

41 54.5 46.0 69.0

39 27.6 22.0 33.0





#57

1,3-Dichloropropane

Concen: 47.627 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085968.D

Acq: 12 Mar 2025 18:30

Instrument :

MSVOA_N

ClientSampleId :

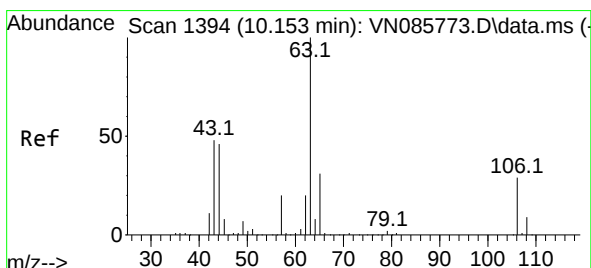
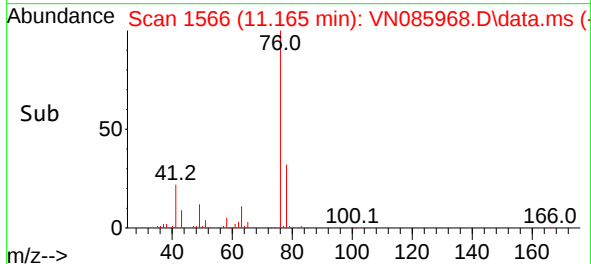
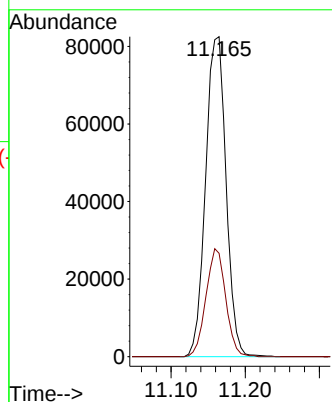
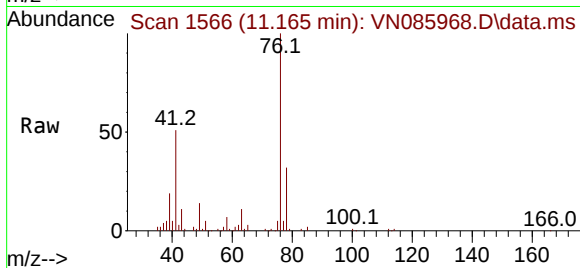
VSTDCCC050EC

Tgt Ion: 76 Resp: 158170

Ion Ratio Lower Upper

76 100

78 32.6 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 255.739 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.006 min

Lab File: VN085968.D

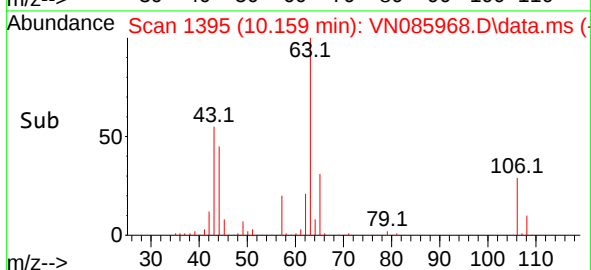
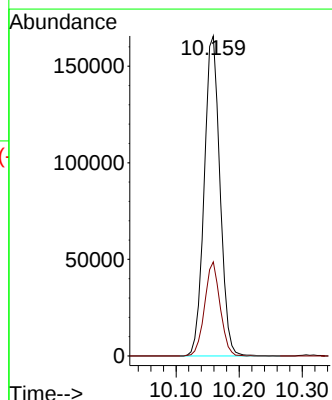
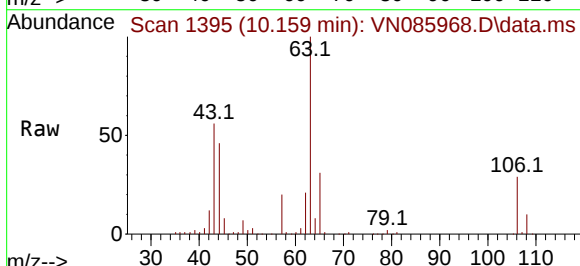
Acq: 12 Mar 2025 18:30

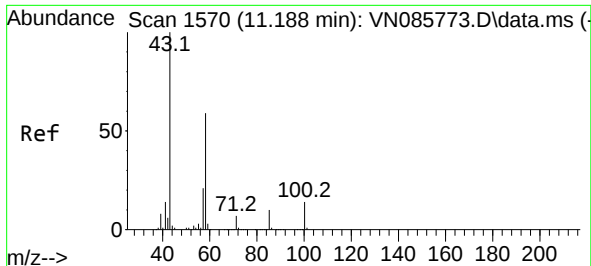
Tgt Ion: 63 Resp: 286973

Ion Ratio Lower Upper

63 100

106 28.9 22.7 34.1

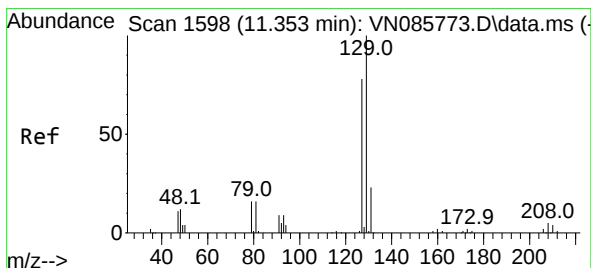
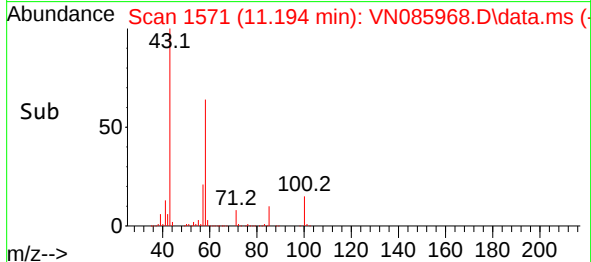
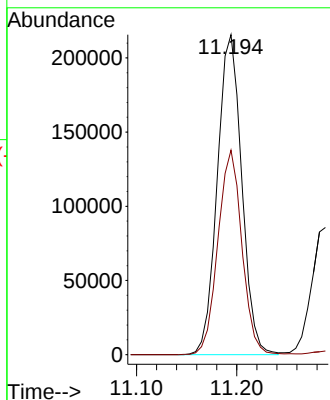
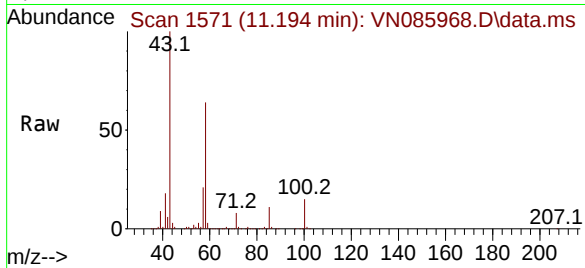




#59
2-Hexanone
Concen: 250.699 ug/l
RT: 11.194 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

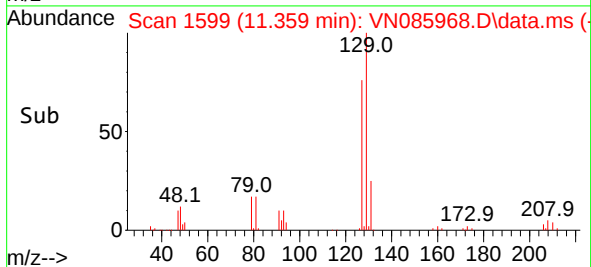
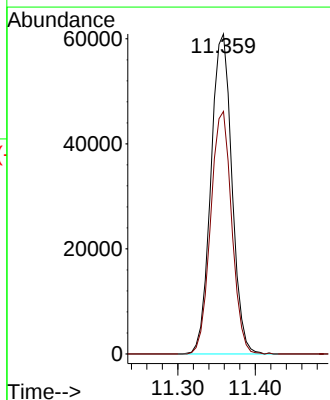
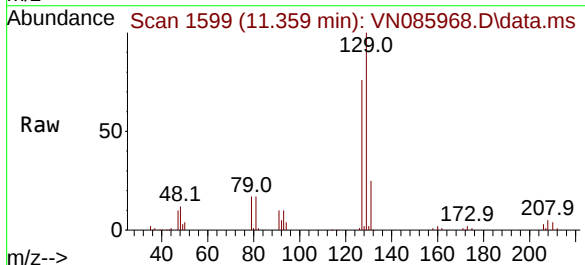
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

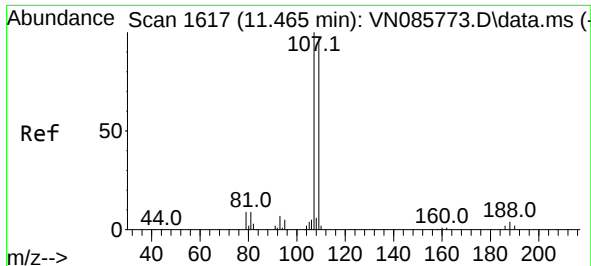
Tgt Ion: 43 Resp: 364439
Ion Ratio Lower Upper
43 100
58 62.8 29.8 89.5



#60
Dibromochloromethane
Concen: 49.537 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

Tgt Ion:129 Resp: 114755
Ion Ratio Lower Upper
129 100
127 76.0 39.1 117.5

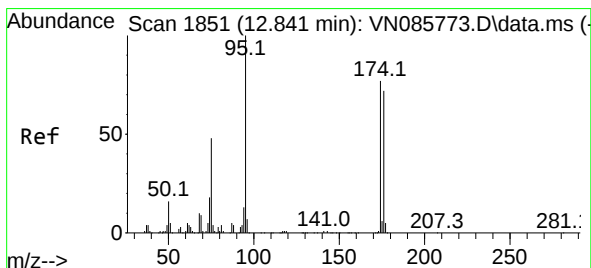
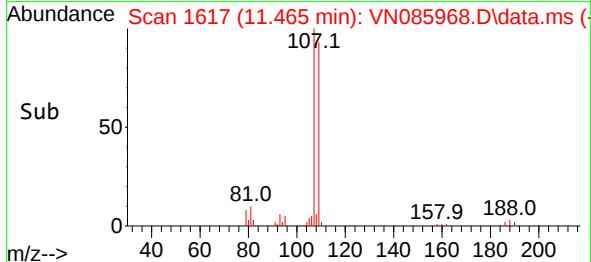
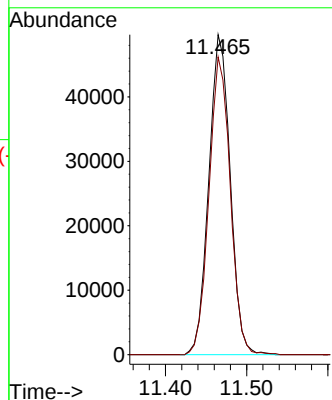
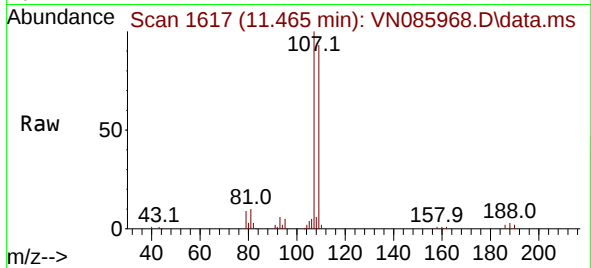




#61
1,2-Dibromoethane
Concen: 48.365 ug/l
RT: 11.465 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

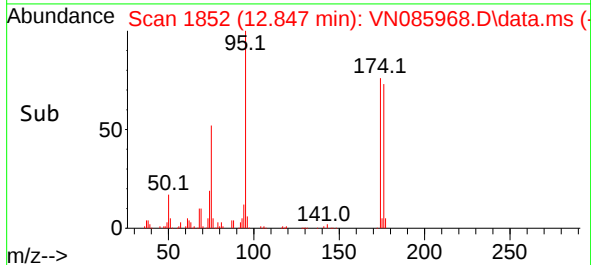
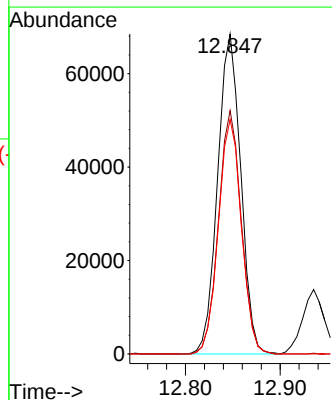
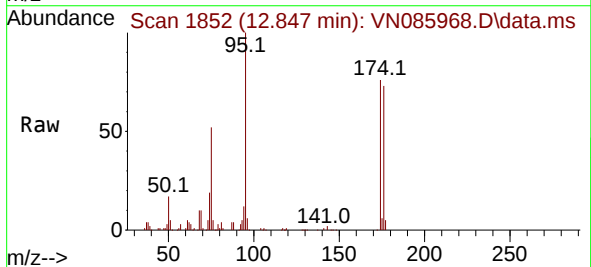
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

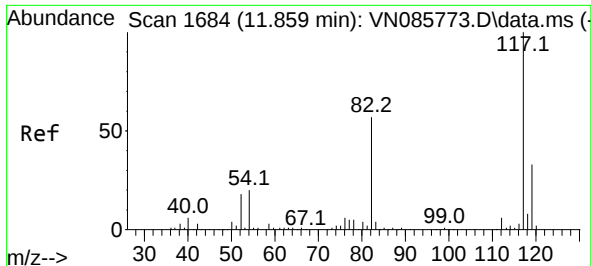
Tgt Ion:107 Resp: 90911
Ion Ratio Lower Upper
107 100
109 92.7 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 51.524 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

Tgt Ion: 95 Resp: 116227
Ion Ratio Lower Upper
95 100
174 74.9 0.0 152.4
176 72.8 0.0 146.6

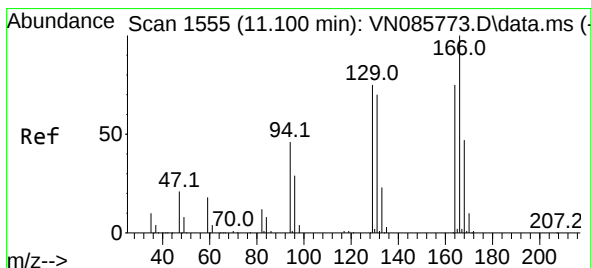
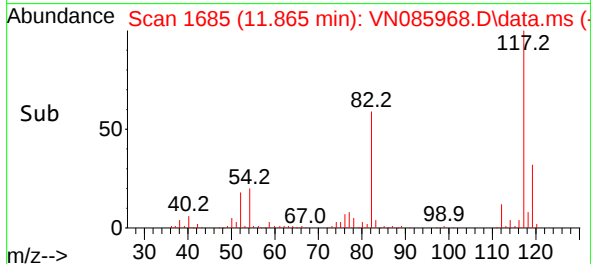
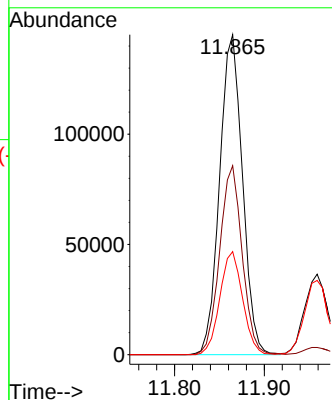
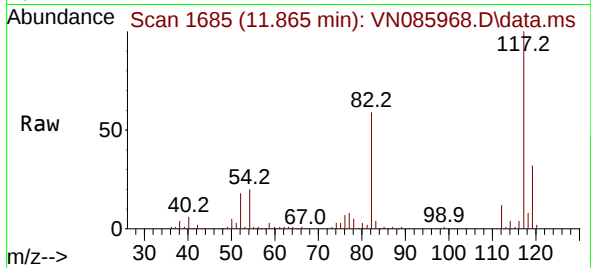




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

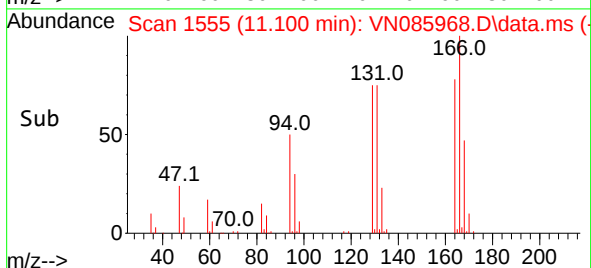
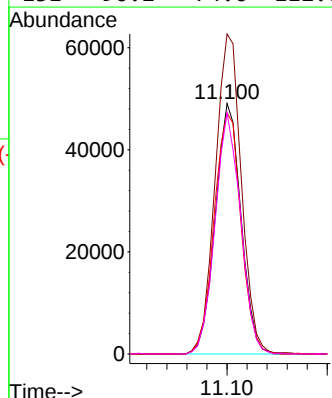
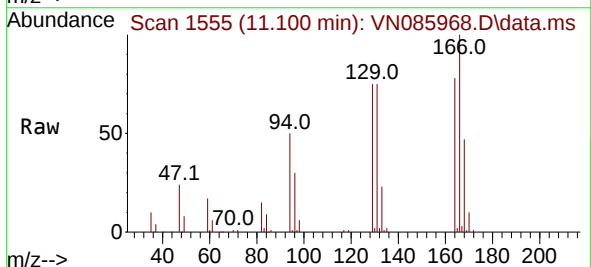
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

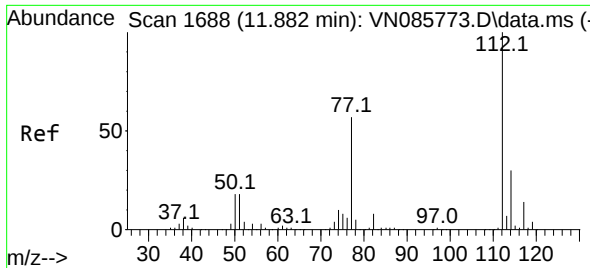
Tgt Ion:117 Resp: 256944
Ion Ratio Lower Upper
117 100
82 59.1 45.7 68.5
119 32.2 26.2 39.2



#64
Tetrachloroethene
Concen: 43.869 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

Tgt Ion:164 Resp: 87323
Ion Ratio Lower Upper
164 100
166 127.8 107.2 160.8
129 96.2 80.7 121.1
131 96.2 74.6 112.0

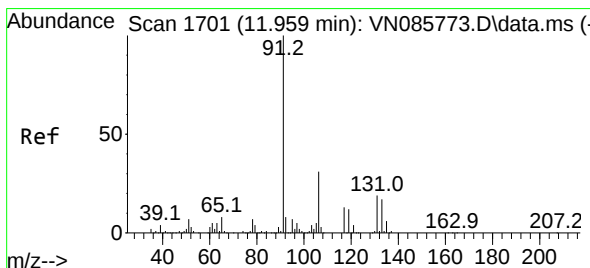
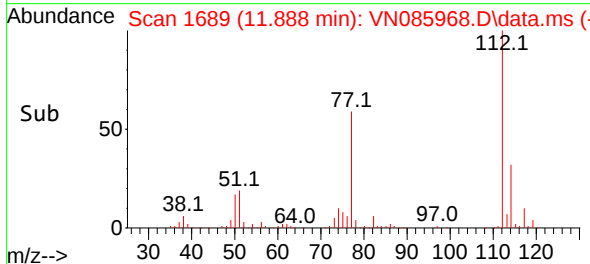
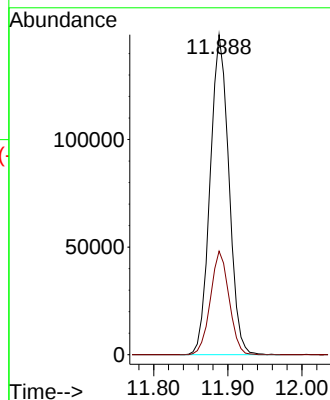
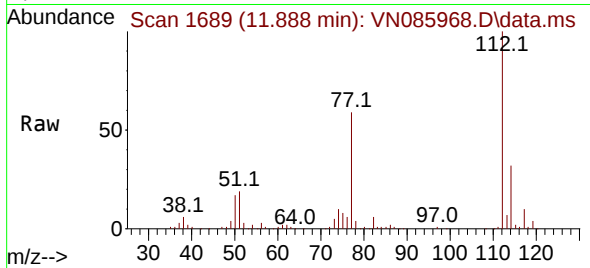




#65
Chlorobenzene
Concen: 44.336 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

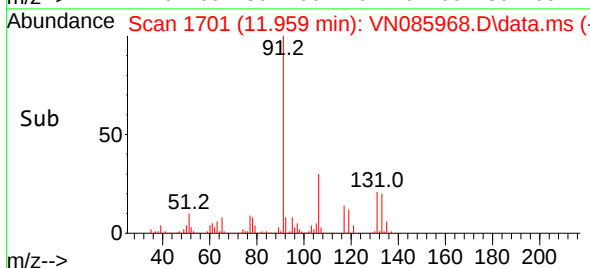
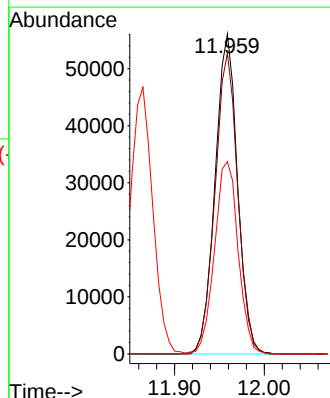
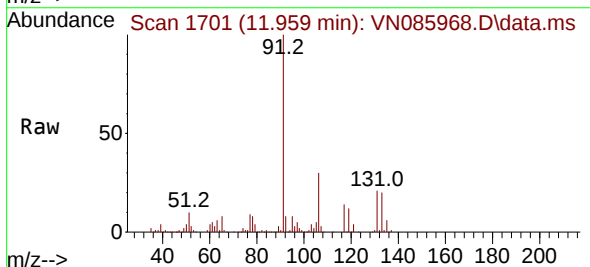
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

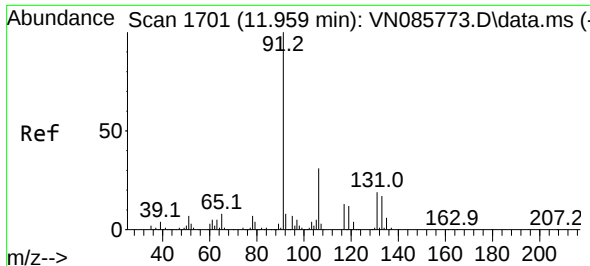
Tgt Ion:112 Resp: 260973
Ion Ratio Lower Upper
112 100
114 32.3 24.3 36.5



#66
1,1,1,2-Tetrachloroethane
Concen: 45.906 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

Tgt Ion:131 Resp: 97123
Ion Ratio Lower Upper
131 100
133 95.4 47.7 143.1
119 63.5 33.3 99.8

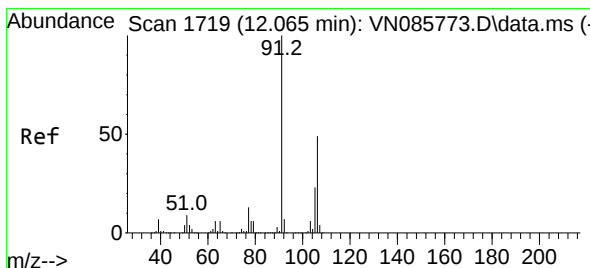
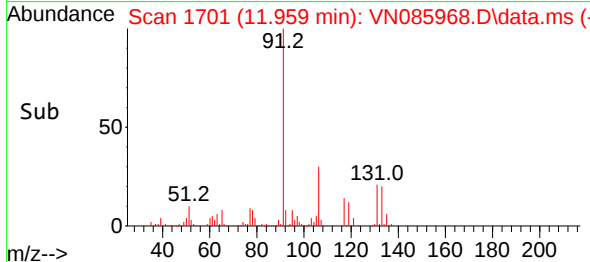
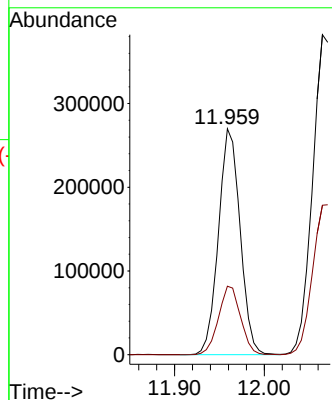
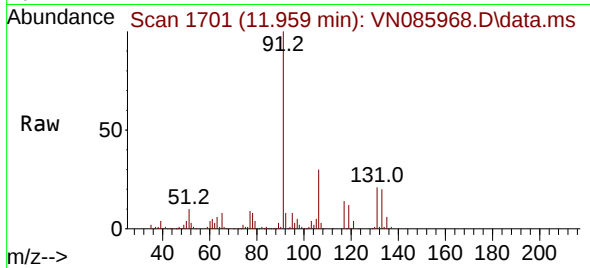




#67
Ethyl Benzene
Concen: 49.017 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

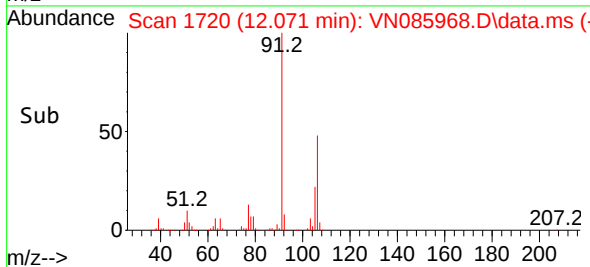
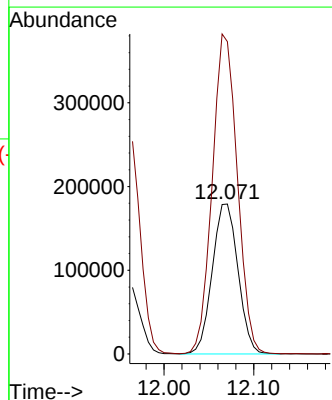
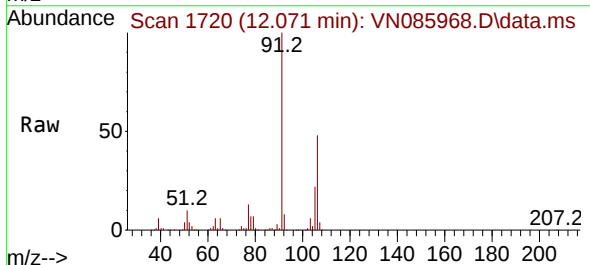
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

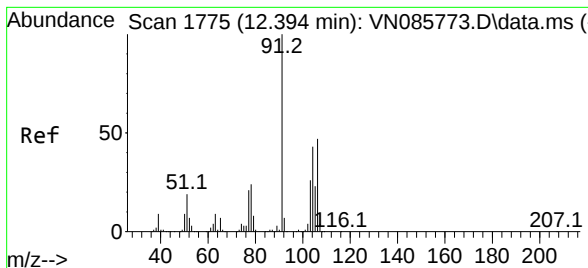
Tgt Ion: 91 Resp: 451957
Ion Ratio Lower Upper
91 100
106 30.3 24.7 37.1



#68
m/p-Xylenes
Concen: 101.841 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

Tgt Ion:106 Resp: 356685
Ion Ratio Lower Upper
106 100
91 208.1 163.3 244.9

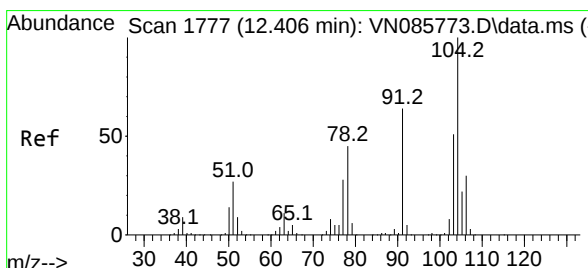
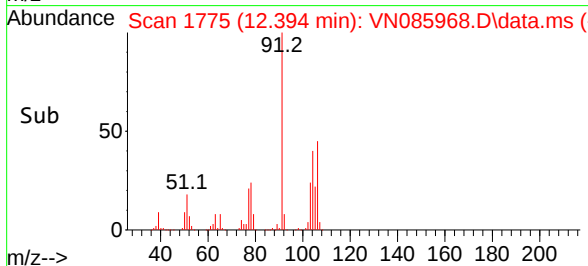
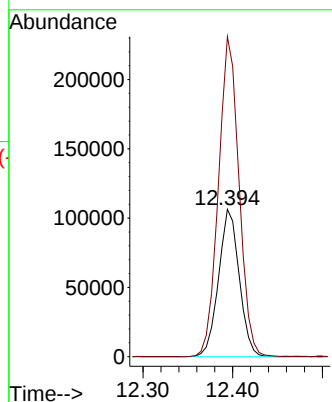
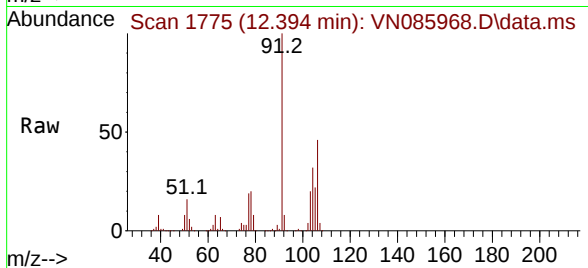




#69
o-Xylene
Concen: 51.064 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

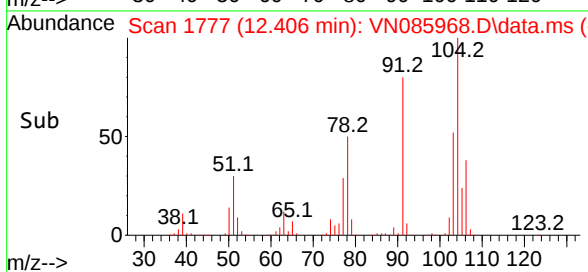
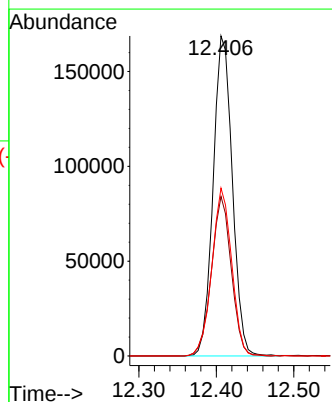
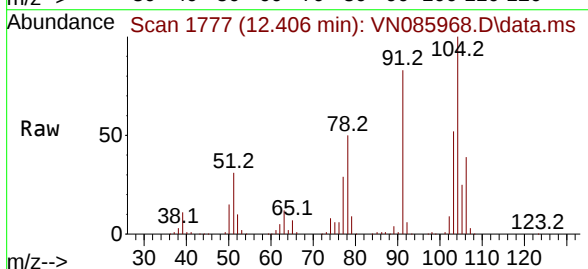
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

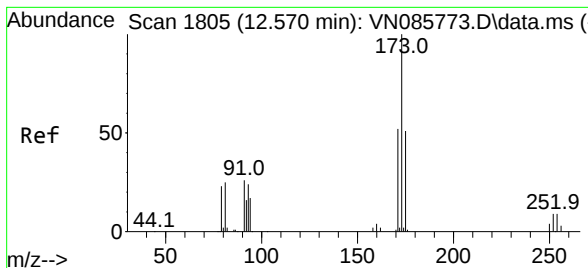
Tgt Ion:106 Resp: 169948
Ion Ratio Lower Upper
106 100
91 216.6 107.1 321.4



#70
Styrene
Concen: 47.177 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

Tgt Ion:104 Resp: 290415
Ion Ratio Lower Upper
104 100
78 51.3 39.0 58.6
103 54.0 43.3 64.9





#71

Bromoform

Concen: 49.505 ug/l

RT: 12.576 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085968.D

Acq: 12 Mar 2025 18:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

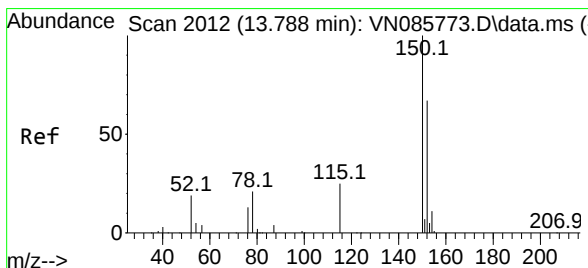
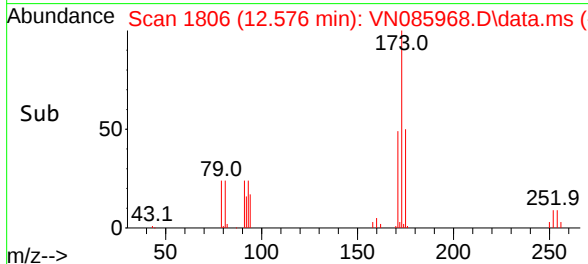
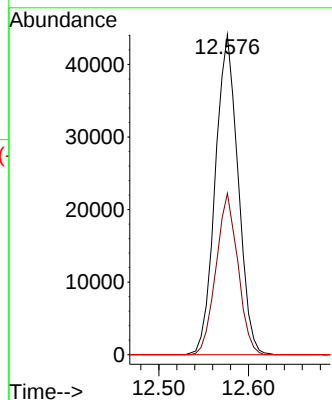
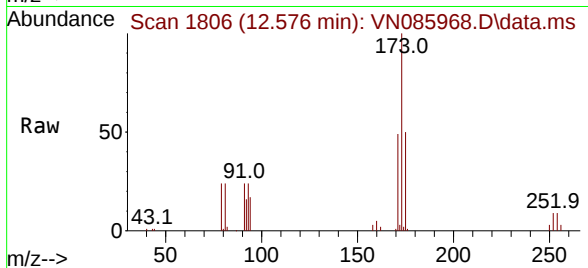
Tgt Ion:173 Resp: 77827

Ion Ratio Lower Upper

173 100

175 48.3 25.1 75.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN085968.D

Acq: 12 Mar 2025 18:30

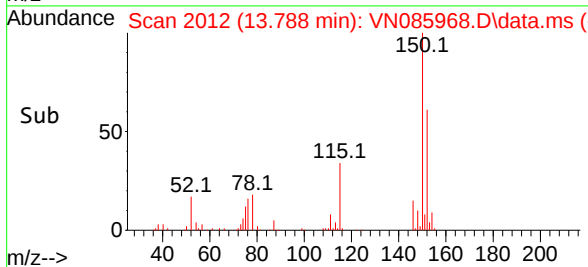
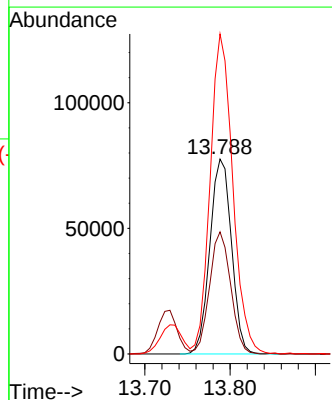
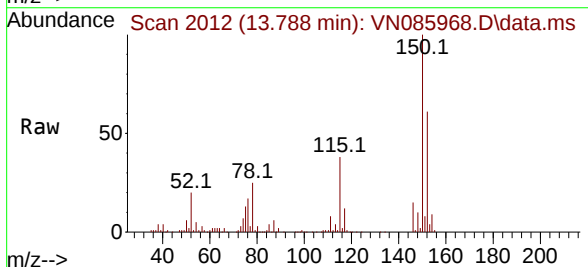
Tgt Ion:152 Resp: 136684

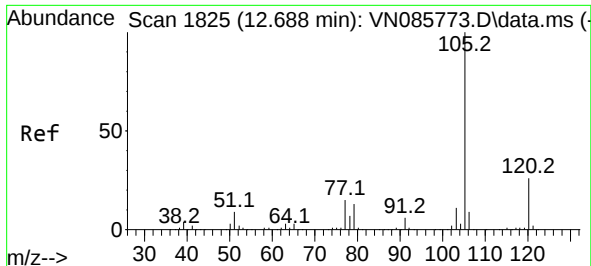
Ion Ratio Lower Upper

152 100

115 61.4 30.4 91.3

150 171.9 0.0 345.4

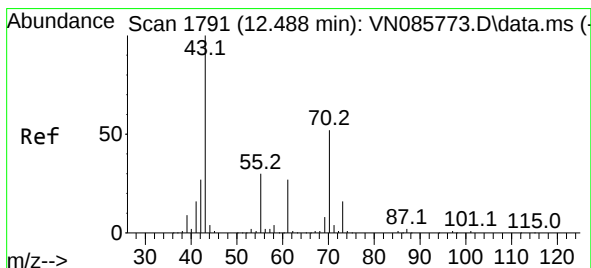
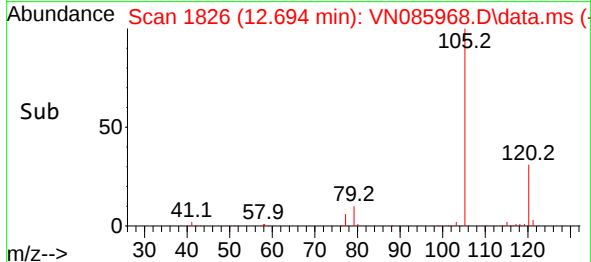
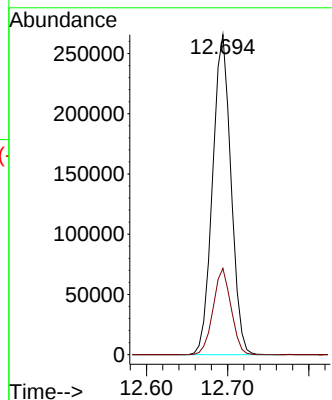
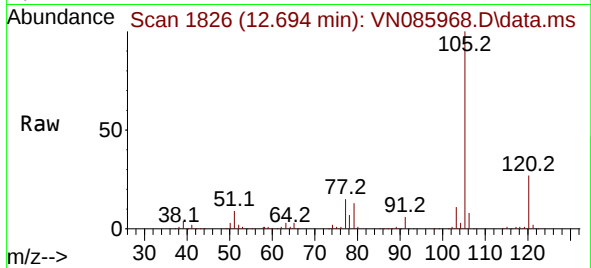




#73
Isopropylbenzene
Concen: 44.646 ug/l
RT: 12.694 min Scan# 1825
Delta R.T. 0.006 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

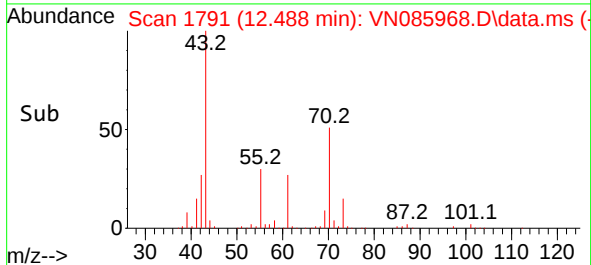
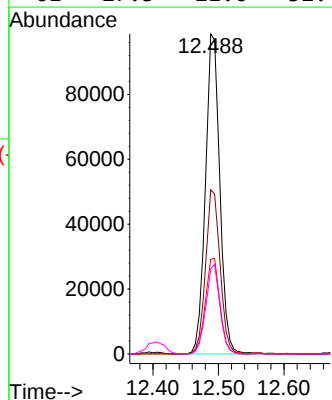
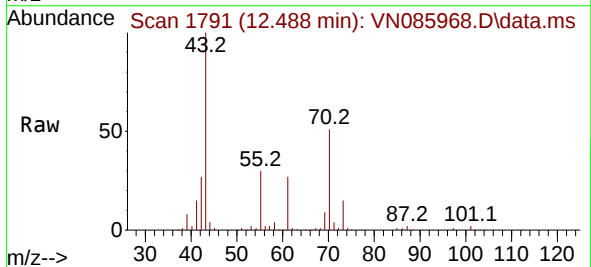
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

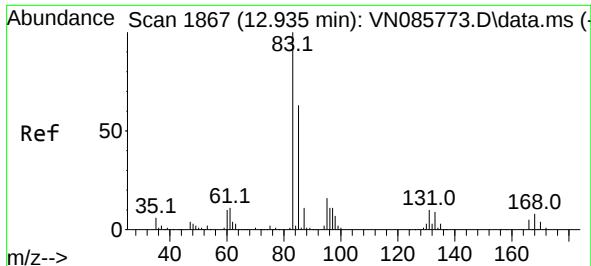
Tgt Ion:105 Resp: 418074
Ion Ratio Lower Upper
105 100
120 26.2 13.0 39.0



#74
N-ethyl acetate
Concen: 45.707 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

Tgt Ion: 43 Resp: 150933
Ion Ratio Lower Upper
43 100
70 51.6 41.0 61.4
55 30.3 24.6 36.8
61 27.3 21.6 32.4

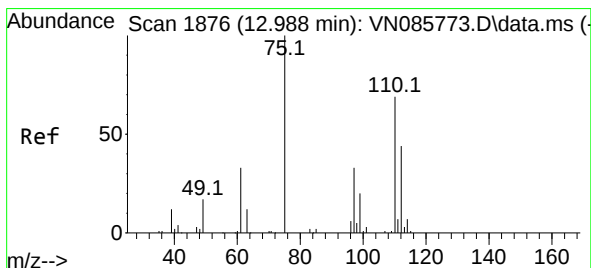
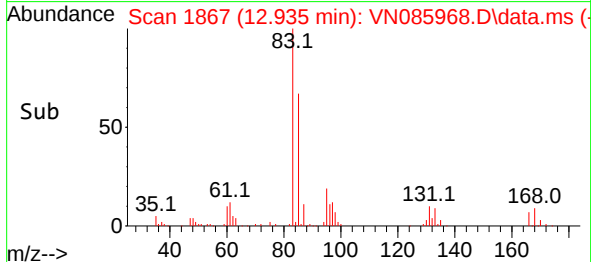
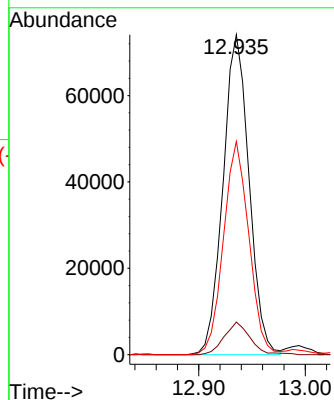
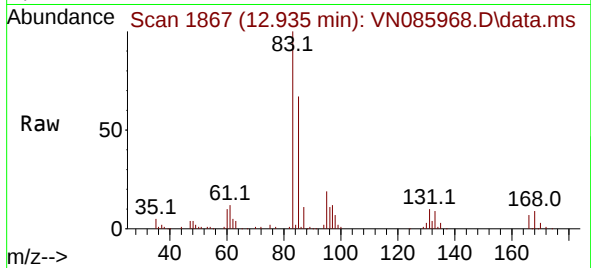




#75
1,1,2,2-Tetrachloroethane
Concen: 39.042 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

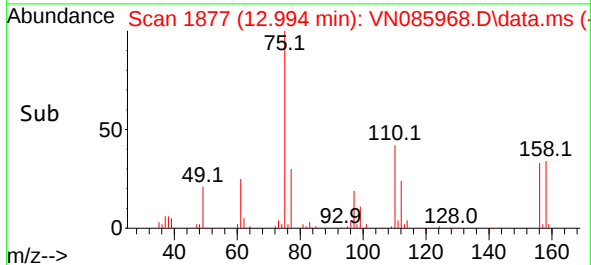
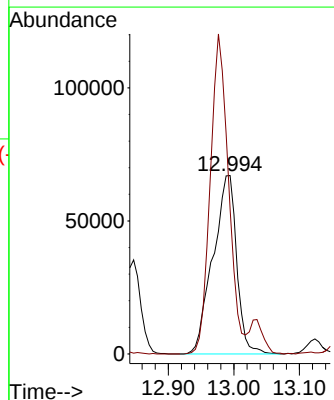
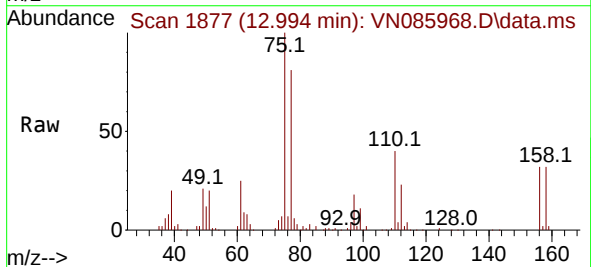
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

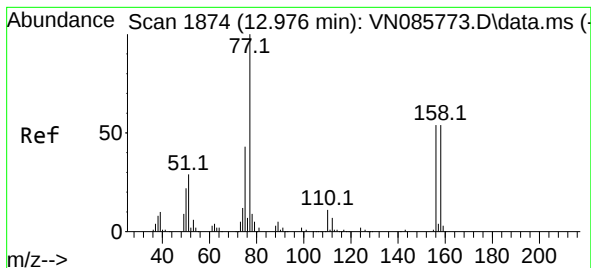
Tgt Ion: 83 Resp: 125806
Ion Ratio Lower Upper
83 100
131 10.1 5.0 15.0
85 65.0 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 55.529 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

Tgt Ion: 75 Resp: 168597
Ion Ratio Lower Upper
75 100
77 138.4 100.0 300.0





#77

Bromobenzene

Concen: 42.020 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN085968.D

Acq: 12 Mar 2025 18:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

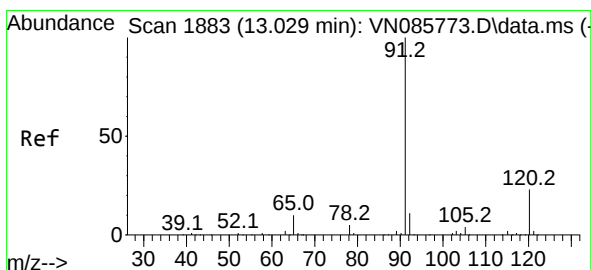
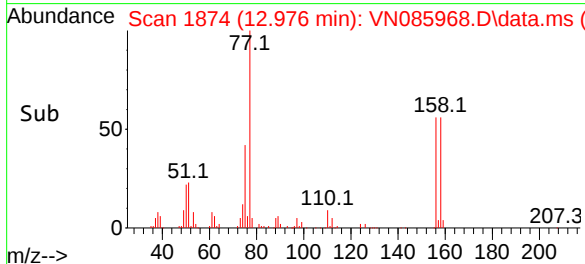
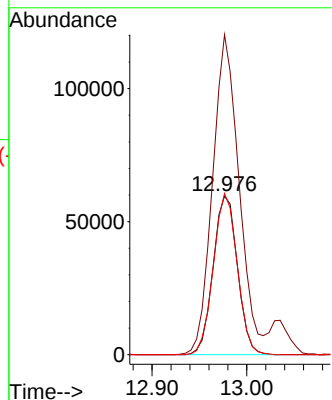
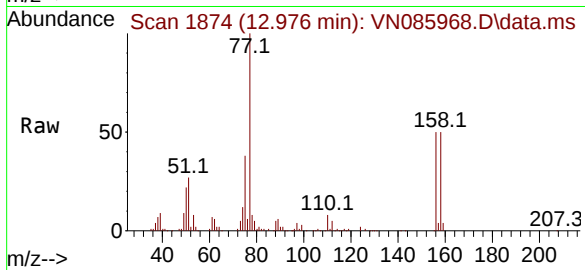
Tgt Ion:156 Resp: 106306

Ion Ratio Lower Upper

156 100

77 219.5 104.1 312.3

158 99.5 48.1 144.4



#78

n-propylbenzene

Concen: 46.206 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.006 min

Lab File: VN085968.D

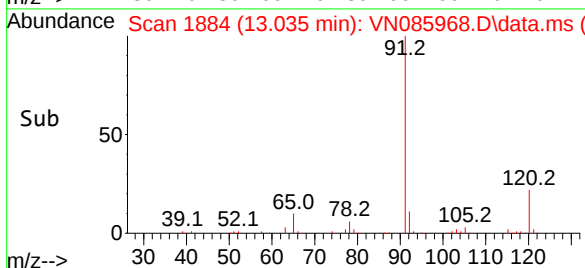
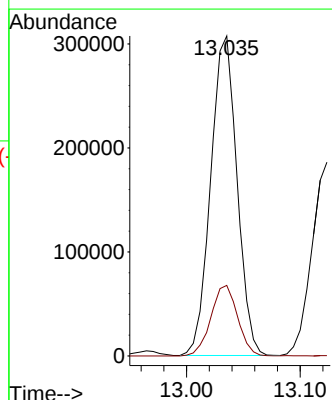
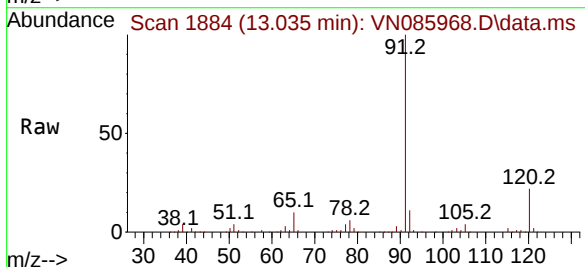
Acq: 12 Mar 2025 18:30

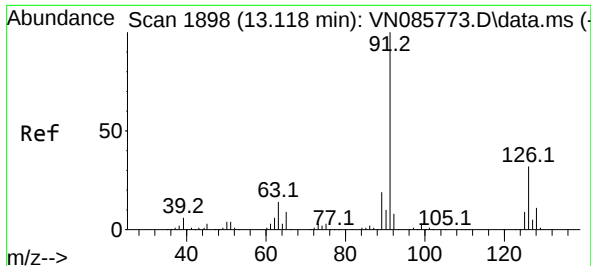
Tgt Ion: 91 Resp: 495524

Ion Ratio Lower Upper

91 100

120 22.4 11.3 33.8

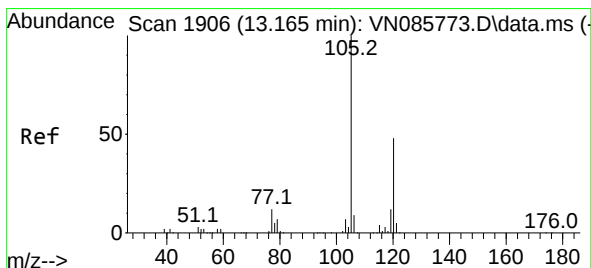
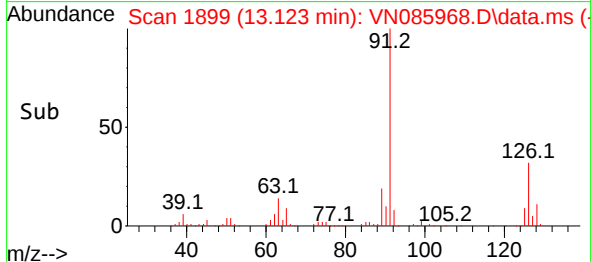
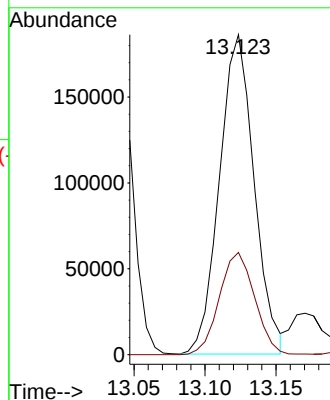
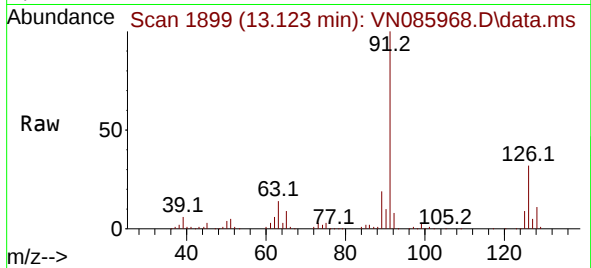




#79
2-Chlorotoluene
Concen: 44.095 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

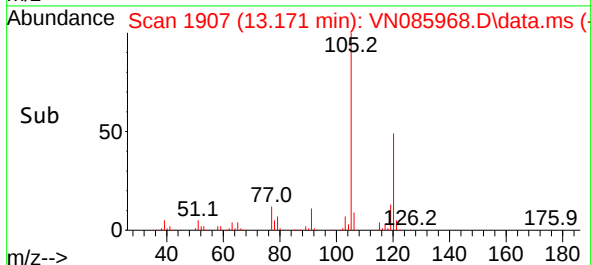
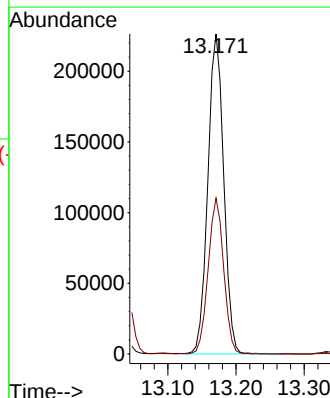
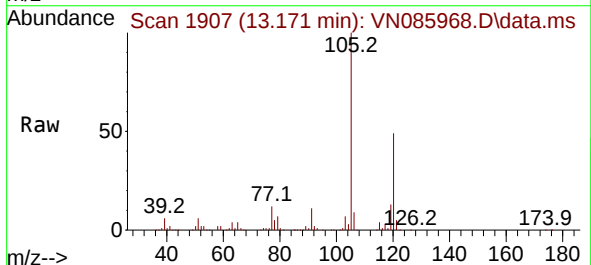
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

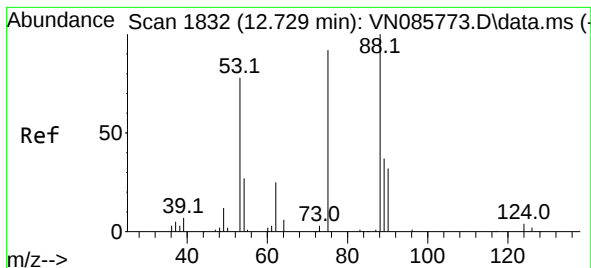
Tgt Ion: 91 Resp: 315954
Ion Ratio Lower Upper
91 100
126 32.6 16.4 49.1



#80
1,3,5-Trimethylbenzene
Concen: 48.057 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

Tgt Ion: 105 Resp: 366579
Ion Ratio Lower Upper
105 100
120 47.7 24.3 72.9

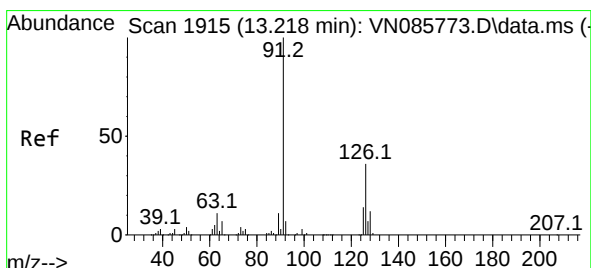
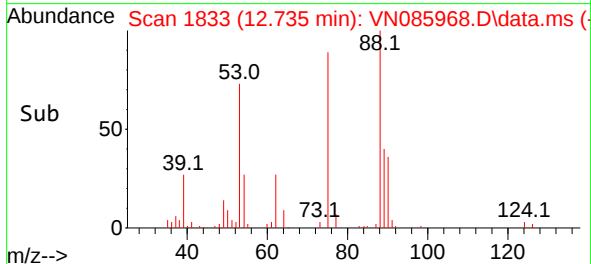
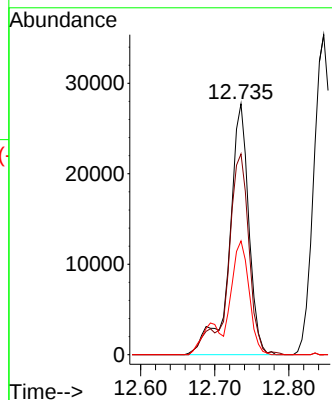
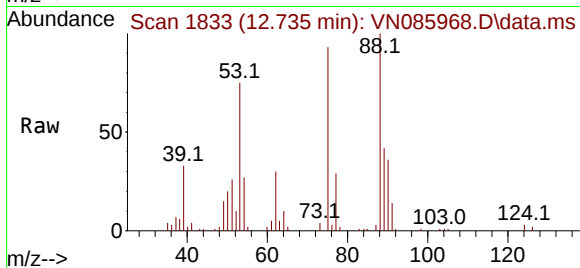




#81
trans-1,4-Dichloro-2-butene
Concen: 48.629 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

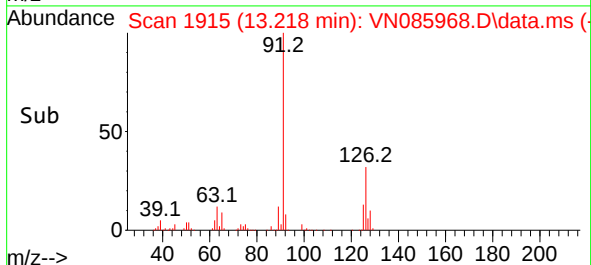
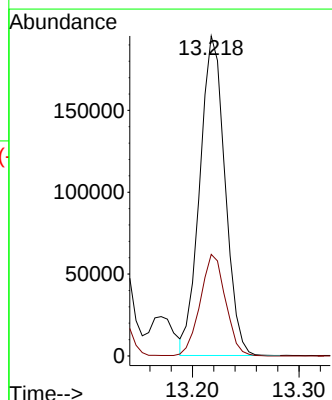
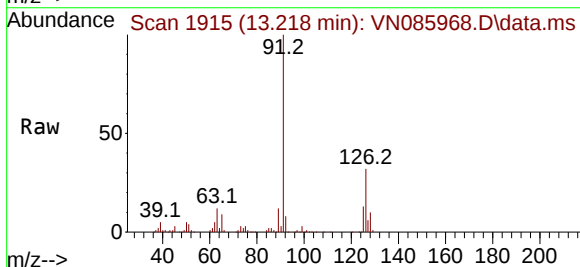
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

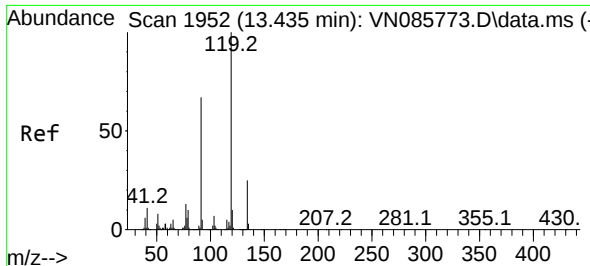
Tgt Ion: 75 Resp: 50603
Ion Ratio Lower Upper
75 100
53 86.0 74.2 111.4
89 40.5 34.9 52.3



#82
4-Chlorotoluene
Concen: 45.168 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

Tgt Ion: 91 Resp: 320845
Ion Ratio Lower Upper
91 100
126 32.0 16.4 49.4

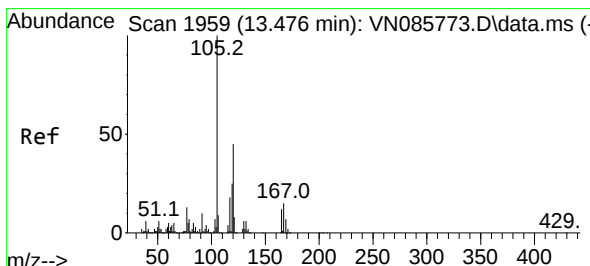
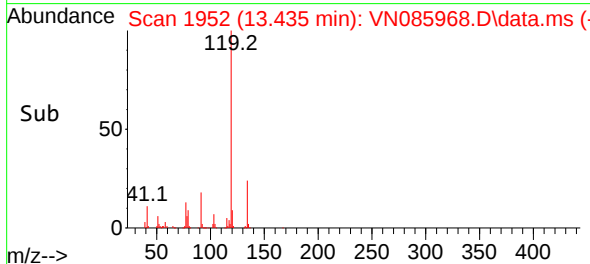
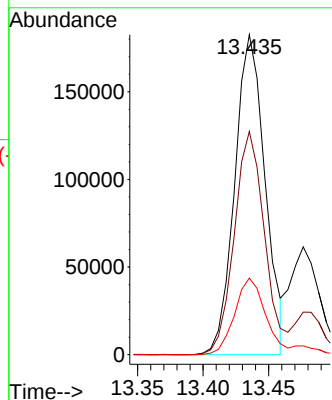
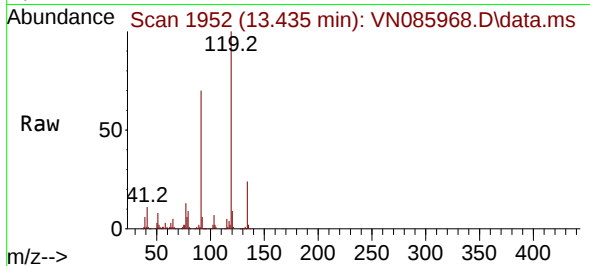




#83
 tert-Butylbenzene
 Concen: 45.905 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN085968.D
 Acq: 12 Mar 2025 18:30

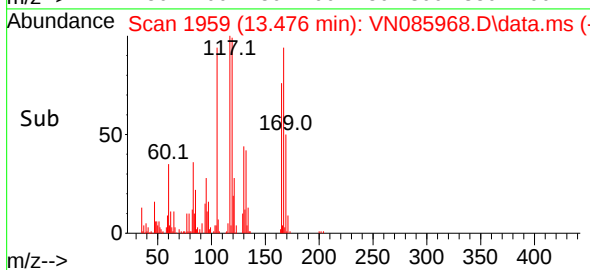
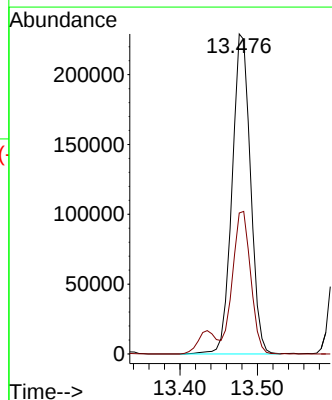
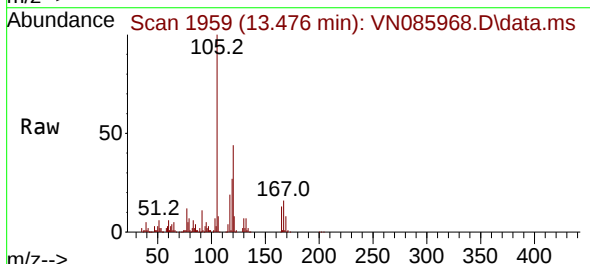
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

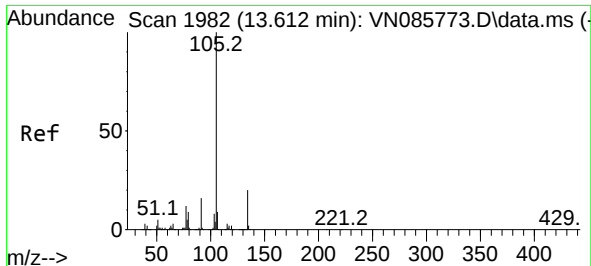
Tgt Ion:119 Resp: 294460
 Ion Ratio Lower Upper
 119 100
 91 69.9 32.5 97.5
 134 26.4 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 50.172 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. 0.000 min
 Lab File: VN085968.D
 Acq: 12 Mar 2025 18:30

Tgt Ion:105 Resp: 378645
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.4 67.3

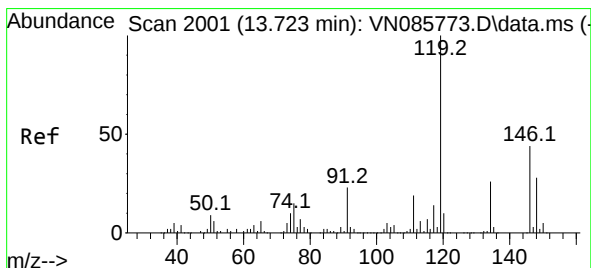
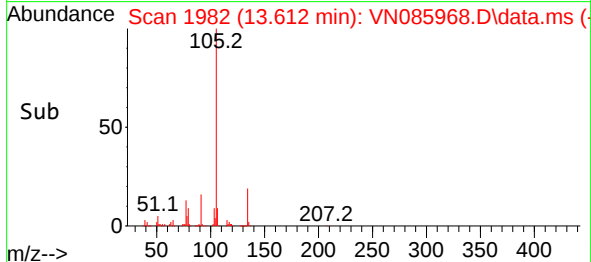
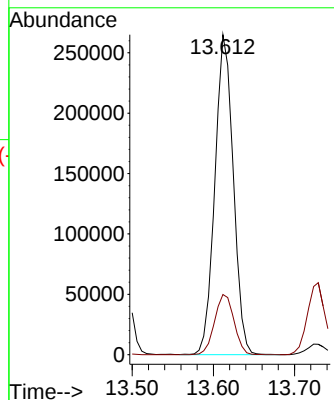
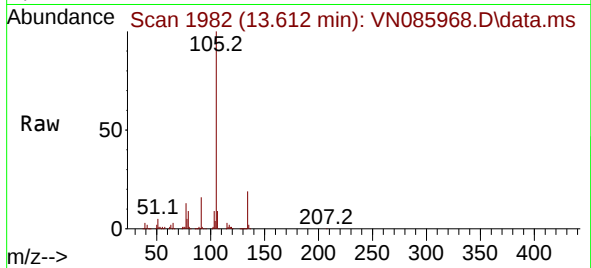




#85
 sec-Butylbenzene
 Concen: 46.159 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085968.D
 Acq: 12 Mar 2025 18:30

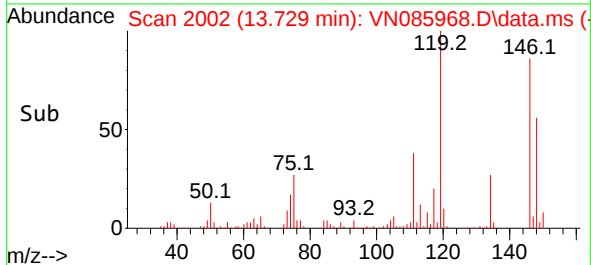
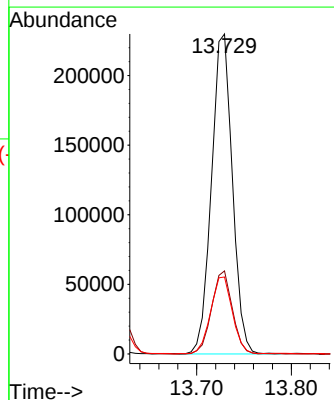
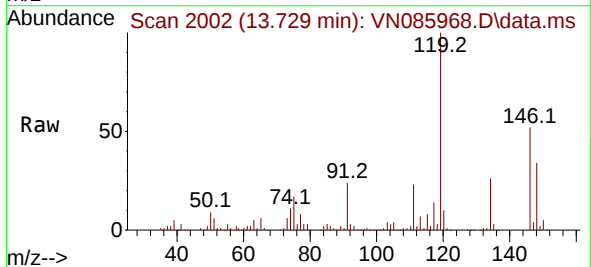
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

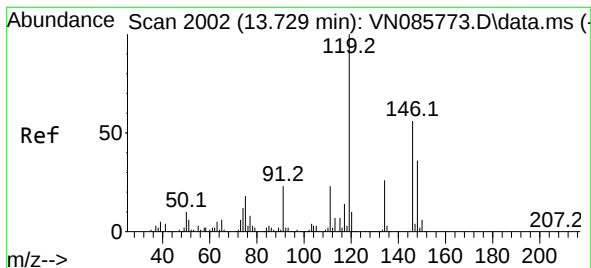
Tgt Ion:105 Resp: 418336
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 42.970 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085968.D
 Acq: 12 Mar 2025 18:30

Tgt Ion:119 Resp: 352127
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 39.0
 91 25.2 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 42.793 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN085968.D

Acq: 12 Mar 2025 18:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

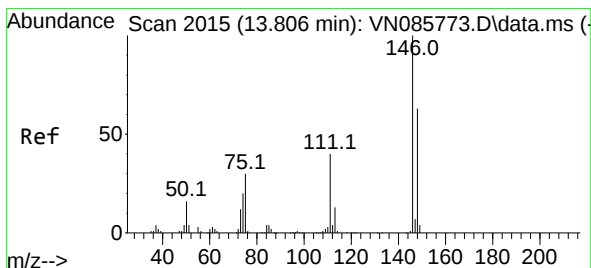
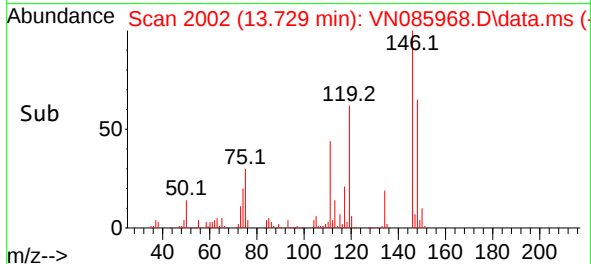
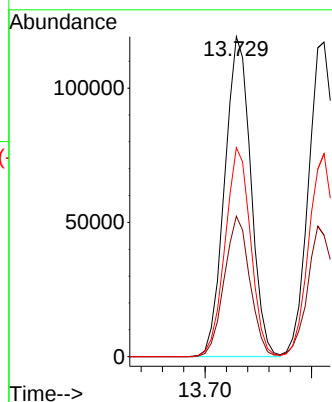
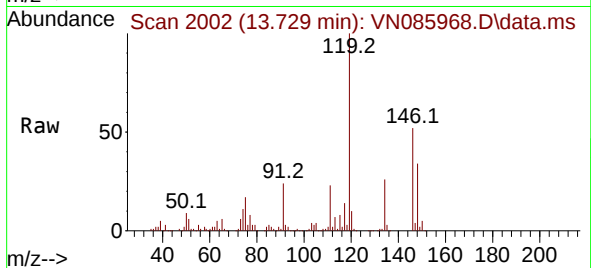
Tgt Ion:146 Resp: 202836

Ion Ratio Lower Upper

146 100

111 42.9 21.1 63.3

148 63.8 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 41.744 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.006 min

Lab File: VN085968.D

Acq: 12 Mar 2025 18:30

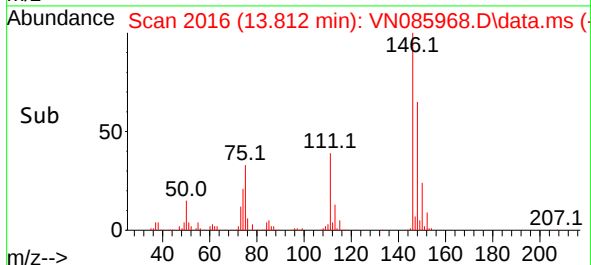
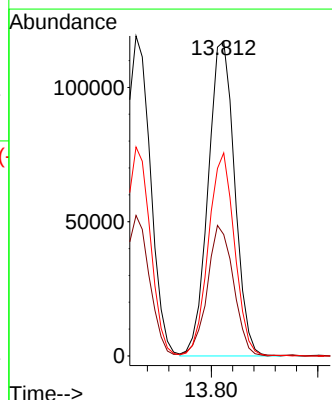
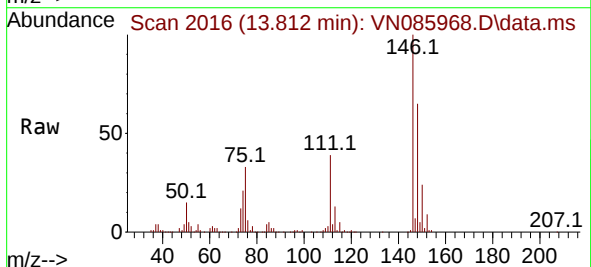
Tgt Ion:146 Resp: 202795

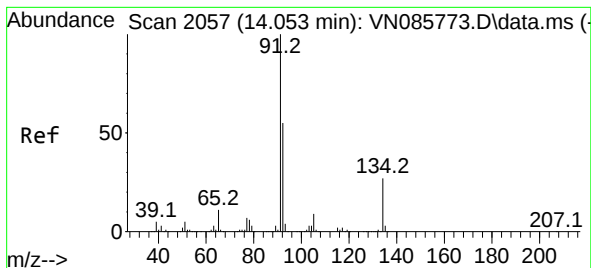
Ion Ratio Lower Upper

146 100

111 41.2 20.4 61.3

148 63.7 31.8 95.4





#89

n-Butylbenzene

Concen: 44.463 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN085968.D

Acq: 12 Mar 2025 18:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

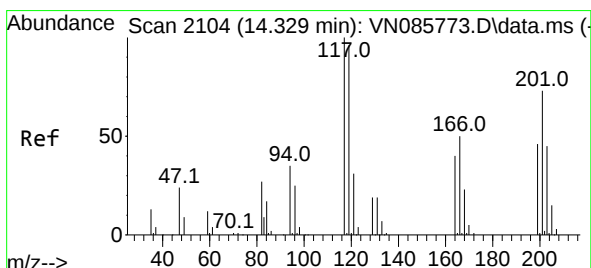
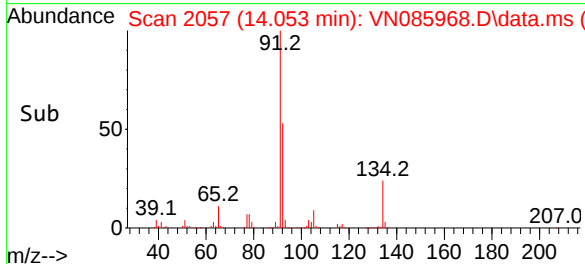
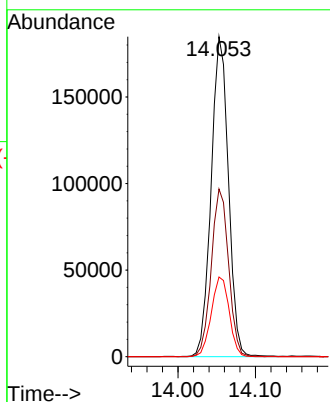
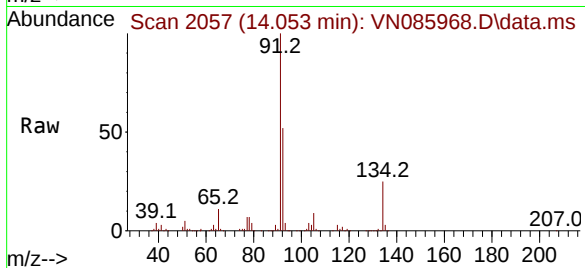
Tgt Ion: 91 Resp: 286105

Ion Ratio Lower Upper

91 100

92 52.4 27.1 81.3

134 25.8 12.7 38.1



#90

Hexachloroethane

Concen: 39.819 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. 0.000 min

Lab File: VN085968.D

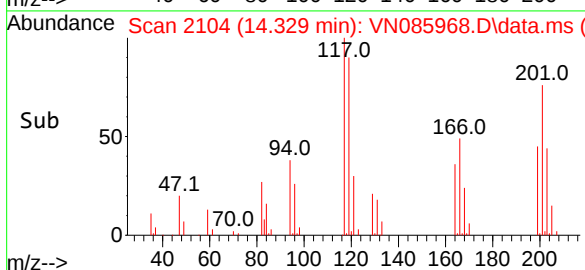
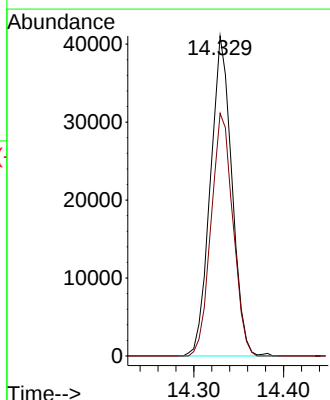
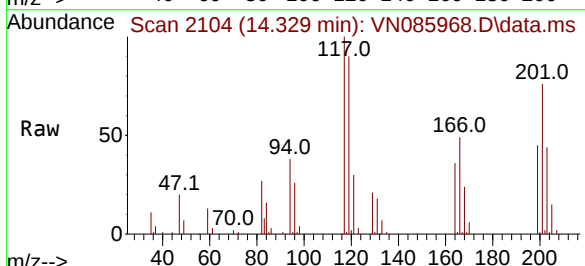
Acq: 12 Mar 2025 18:30

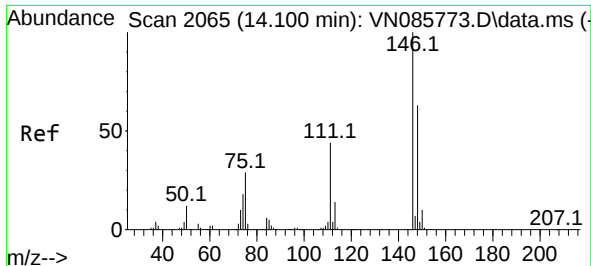
Tgt Ion: 117 Resp: 68346

Ion Ratio Lower Upper

117 100

201 76.9 35.6 106.9

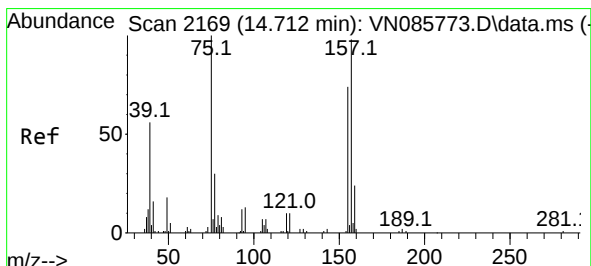
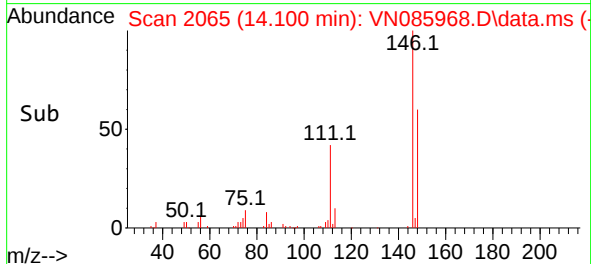
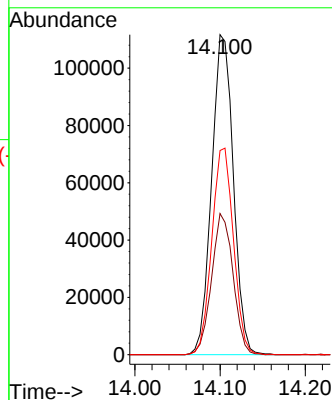
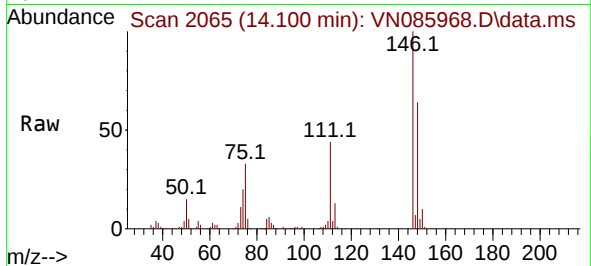




#91
1,2-Dichlorobenzene
Concen: 43.454 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

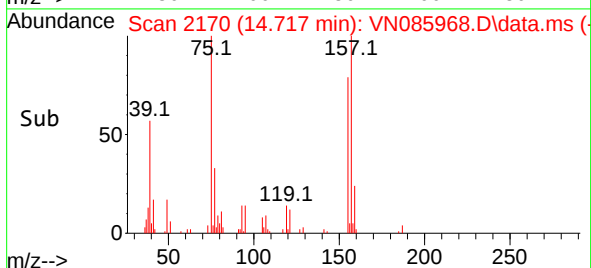
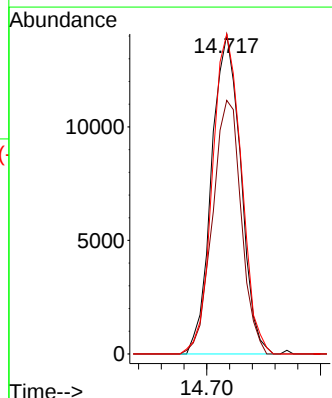
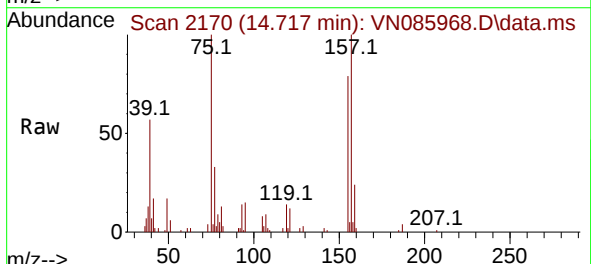
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

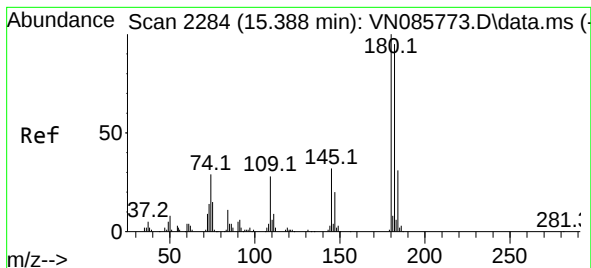
Tgt Ion:146 Resp: 198060
Ion Ratio Lower Upper
146 100
111 43.7 21.4 64.3
148 64.5 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 42.296 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085968.D
Acq: 12 Mar 2025 18:30

Tgt Ion: 75 Resp: 25027
Ion Ratio Lower Upper
75 100
155 78.4 39.9 119.6
157 99.9 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 44.095 ug/l

RT: 15.388 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN085968.D

Acq: 12 Mar 2025 18:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

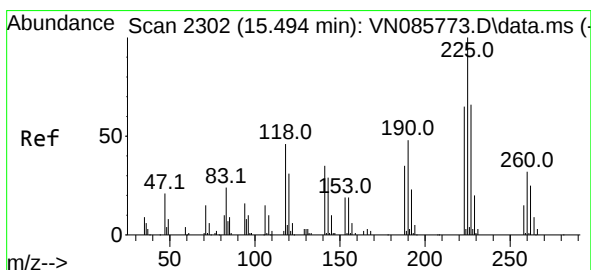
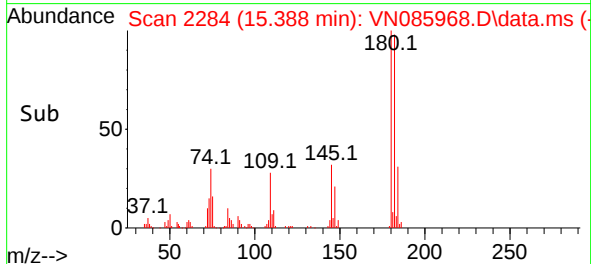
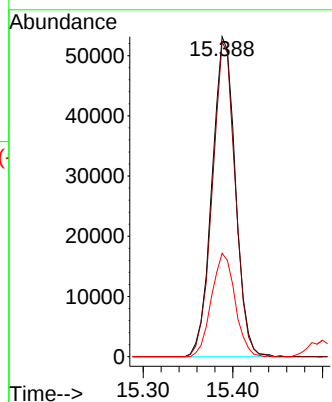
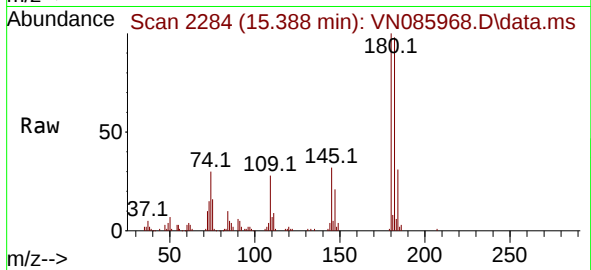
Tgt Ion:180 Resp: 95769

Ion Ratio Lower Upper

180 100

182 96.4 47.3 141.9

145 32.6 16.2 48.5



#94

Hexachlorobutadiene

Concen: 37.177 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.006 min

Lab File: VN085968.D

Acq: 12 Mar 2025 18:30

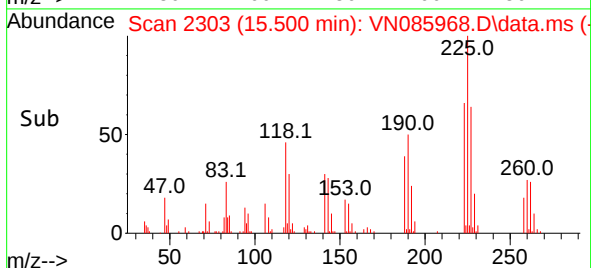
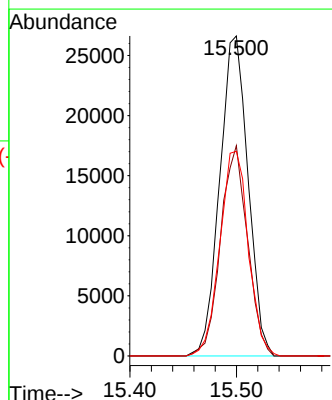
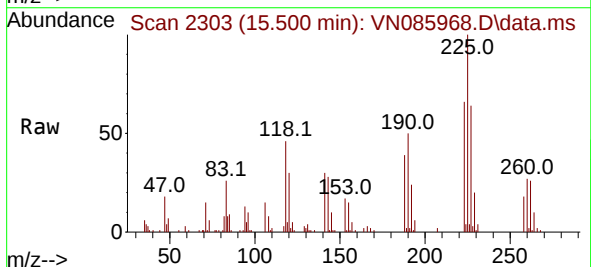
Tgt Ion:225 Resp: 49072

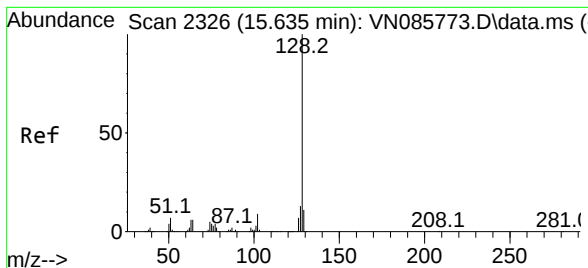
Ion Ratio Lower Upper

225 100

223 62.6 31.9 95.5

227 64.4 32.2 96.6





#95

Naphthalene

Concen: 46.751 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. 0.000 min

Lab File: VN085968.D

Acq: 12 Mar 2025 18:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

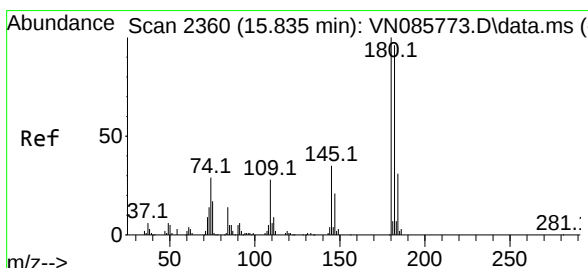
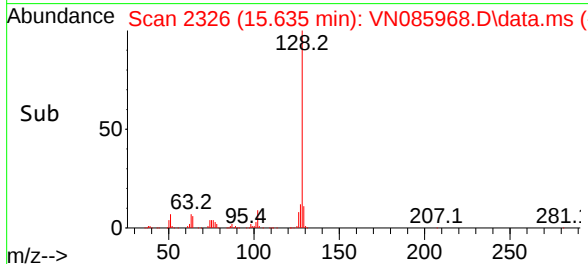
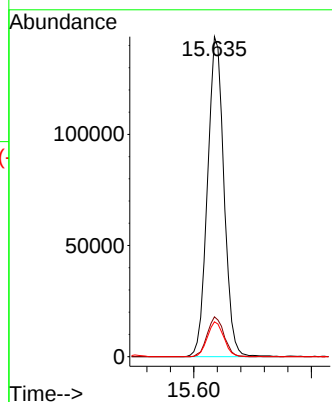
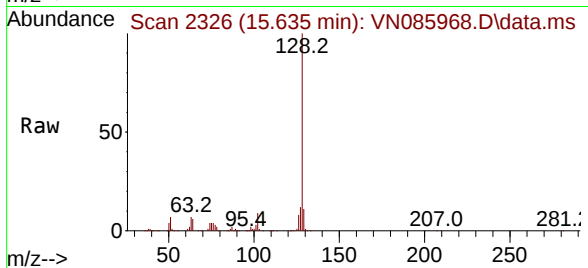
Tgt Ion:128 Resp: 278763

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 42.899 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN085968.D

Acq: 12 Mar 2025 18:30

Tgt Ion:180 Resp: 93537

Ion Ratio Lower Upper

180 100

182 95.6 47.3 141.8

145 34.4 16.9 50.6

