

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011725\
 Data File : VN085505.D
 Acq On : 17 Jan 2025 19:36
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 22 01:33:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	197600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	342117	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	301432	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	147458	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.577	65	155474	48.743	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.480%
35) Dibromofluoromethane	8.165	113	114202	48.116	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.240%
50) Toluene-d8	10.565	98	417940	49.561	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.120%
62) 4-Bromofluorobenzene	12.847	95	151584	52.548	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.100%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	121401	45.376	ug/l	100
3) Chloromethane	2.359	50	129401	44.671	ug/l	100
4) Vinyl Chloride	2.512	62	133096	45.711	ug/l	99
5) Bromomethane	2.948	94	74132	42.150	ug/l	91
6) Chloroethane	3.118	64	86904	47.078	ug/l	98
7) Trichlorofluoromethane	3.500	101	199679	47.264	ug/l	99
8) Diethyl Ether	3.959	74	68298	46.796	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	110304	46.355	ug/l	99
10) Methyl Iodide	4.589	142	136132	49.957	ug/l	97
11) Tert butyl alcohol	5.512	59	99556	272.578	ug/l	100
12) 1,1-Dichloroethene	4.342	96	103501	48.805	ug/l	97
13) Acrolein	4.177	56	156704	314.298	ug/l	98
14) Allyl chloride	5.024	41	166317	48.331	ug/l	99
15) Acrylonitrile	5.718	53	299275	257.970	ug/l	99
16) Acetone	4.418	43	255382	247.797	ug/l	98
17) Carbon Disulfide	4.712	76	276486	42.343	ug/l	98
18) Methyl Acetate	5.024	43	163757	52.253	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	372560	54.103	ug/l	98
20) Methylene Chloride	5.277	84	121440	47.598	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	106168	46.844	ug/l	97
22) Diisopropyl ether	6.671	45	402255	52.665	ug/l	99
23) Vinyl Acetate	6.600	43	1482096	277.269	ug/l	98
24) 1,1-Dichloroethane	6.565	63	226821	48.702	ug/l	99
25) 2-Butanone	7.477	43	402809	265.594	ug/l	99
26) 2,2-Dichloropropane	7.488	77	189596	50.352	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	130346	48.829	ug/l	96
28) Bromochloromethane	7.806	49	101114	46.666	ug/l	99
29) Tetrahydrofuran	7.835	42	267724	278.429	ug/l	99
30) Chloroform	7.965	83	232191	48.237	ug/l	99
31) Cyclohexane	8.253	56	176044	43.489	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	202523	47.965	ug/l	97
36) 1,1-Dichloropropene	8.371	75	157440	47.264	ug/l	99
37) Ethyl Acetate	7.559	43	168964	50.253	ug/l	98
38) Carbon Tetrachloride	8.359	117	180918	47.441	ug/l	99
39) Methylcyclohexane	9.600	83	150618	48.117	ug/l	99
40) Benzene	8.606	78	481605	48.118	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	89261	51.028	ug/l	98
42) 1,2-Dichloroethane	8.665	62	183481	48.674	ug/l	99
43) Isopropyl Acetate	8.688	43	307481	57.073	ug/l	96
44) Trichloroethene	9.347	130	108123	46.408	ug/l	93
45) 1,2-Dichloropropane	9.618	63	124938	48.870	ug/l	99
46) Dibromomethane	9.706	93	87173	47.256	ug/l	98
47) Bromodichloromethane	9.888	83	186947	49.744	ug/l	100
48) Methyl methacrylate	9.682	41	136121	56.144	ug/l	98
49) 1,4-Dioxane	9.688	88	37549	919.683	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	873294	279.338	ug/l	99
52) Toluene	10.629	92	300358	51.792	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	185819	52.320	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	197573	52.079	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	113467	49.440	ug/l	98
56) Ethyl methacrylate	10.871	69	187164	48.472	ug/l	98
57) 1,3-Dichloropropane	11.159	76	205967	51.612	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	395818	271.771	ug/l	100
59) 2-Hexanone	11.194	43	629561	286.196	ug/l	99
60) Dibromochloromethane	11.359	129	138276	49.905	ug/l	100
61) 1,2-Dibromoethane	11.465	107	112402	49.201	ug/l	99
64) Tetrachloroethene	11.100	164	89304	43.458	ug/l	97
65) Chlorobenzene	11.888	112	319848	48.437	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	118521	48.904	ug/l	98
67) Ethyl Benzene	11.965	91	568526	52.861	ug/l	100
68) m/p-Xylenes	12.070	106	425982	107.167	ug/l	100
69) o-Xylene	12.394	106	206201	54.282	ug/l	100
70) Styrene	12.412	104	356078	56.639	ug/l	100
71) Bromoform	12.576	173	92165	53.148	ug/l #	98
73) Isopropylbenzene	12.694	105	518528	52.102	ug/l	99
74) N-amyl acetate	12.494	43	248070	55.456	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	173160	49.256	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	223975	74.730	ug/l	45
77) Bromobenzene	12.976	156	125717	48.350	ug/l	98
78) n-propylbenzene	13.035	91	621677	52.766	ug/l	99
79) 2-Chlorotoluene	13.123	91	382510	50.165	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	439181	53.425	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	67616	61.039	ug/l #	80
82) 4-Chlorotoluene	13.217	91	386219	50.871	ug/l	99
83) tert-Butylbenzene	13.435	119	358844	51.981	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	444686	54.275	ug/l	99
85) sec-Butylbenzene	13.612	105	503398	52.613	ug/l	100
86) p-Isopropyltoluene	13.729	119	419259	48.806	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	227986	47.612	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	225704	45.474	ug/l	100
89) n-Butylbenzene	14.053	91	346010	50.409	ug/l	99
90) Hexachloroethane	14.329	117	83350	45.760	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	222236	46.528	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	32835	51.148	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	105560	47.551	ug/l	99
94) Hexachlorobutadiene	15.500	225	49987	42.413	ug/l	99
95) Naphthalene	15.635	128	341067	51.487	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	105633	47.027	ug/l	99

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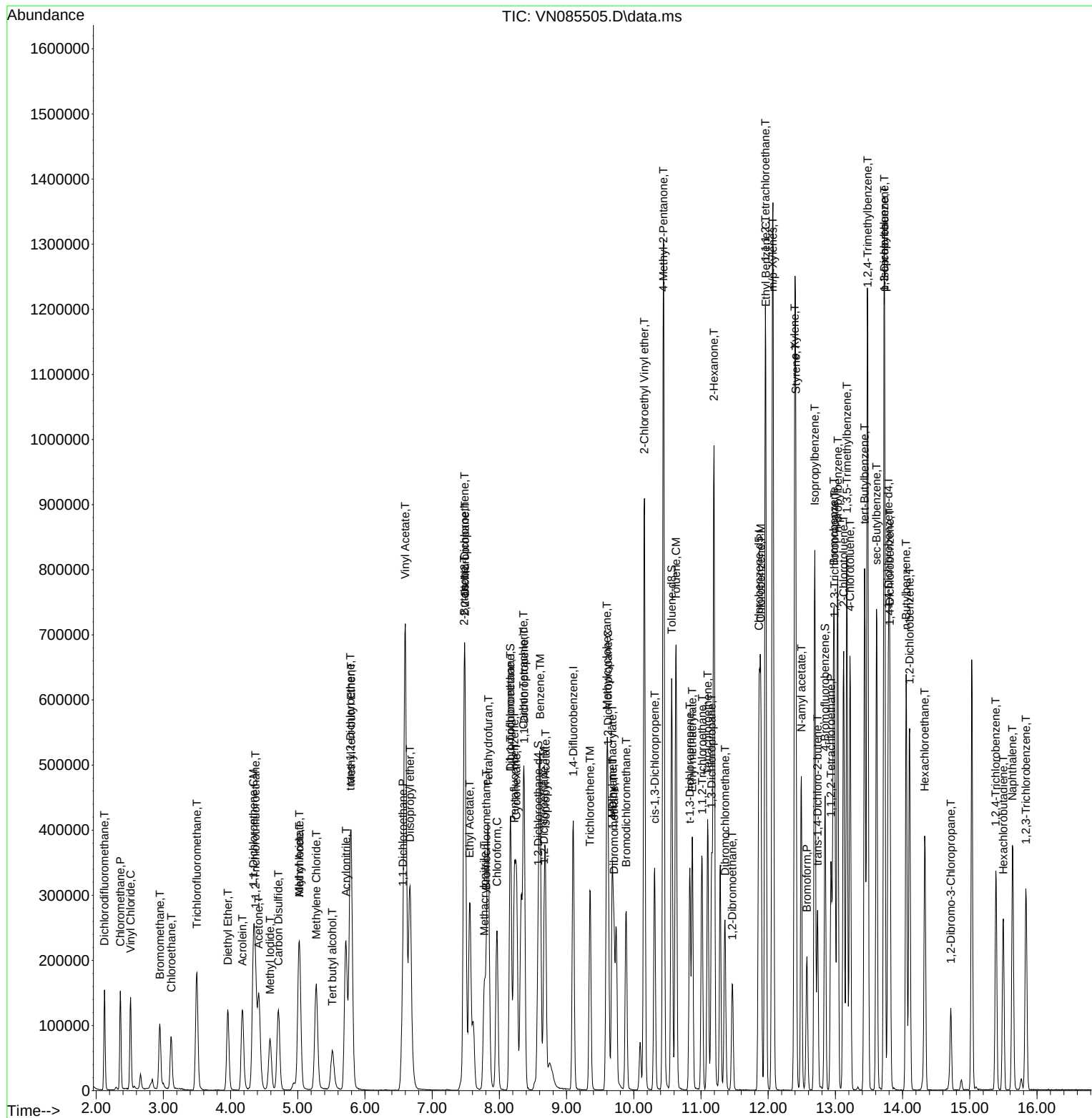
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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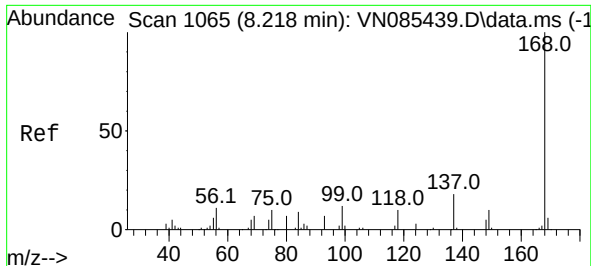
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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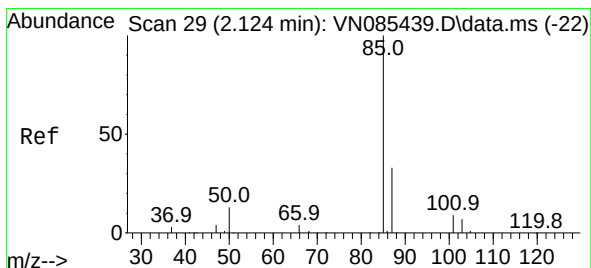
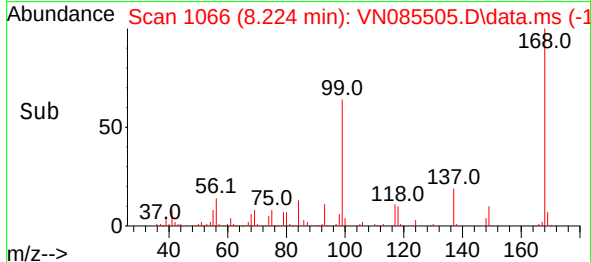
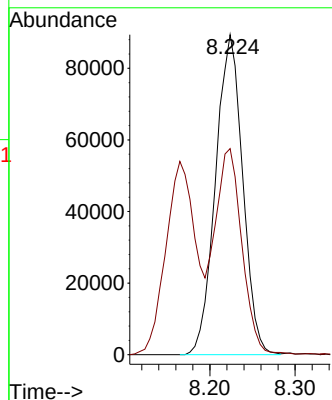
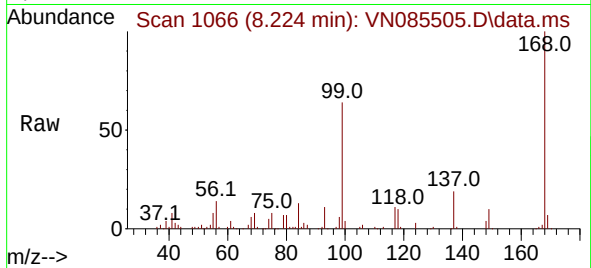




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085505.D
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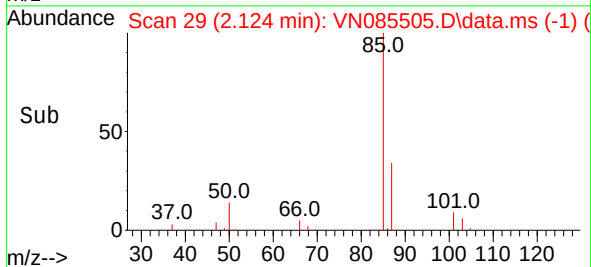
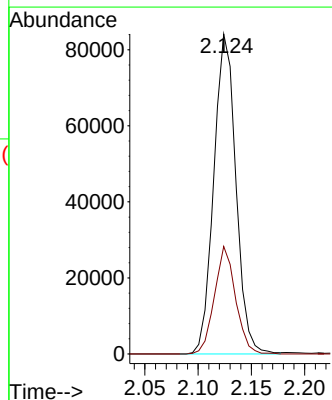
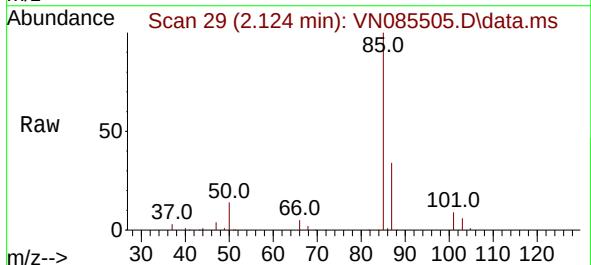
Instrument :
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VSTDCCC050EC

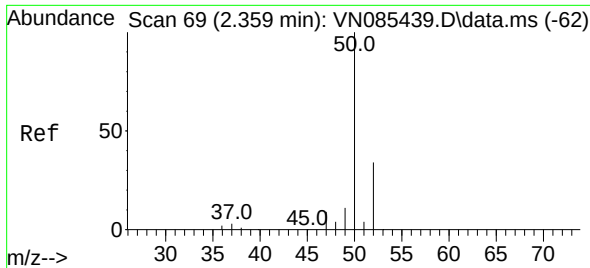
Tgt Ion:168 Resp: 197600
Ion Ratio Lower Upper
168 100
99 63.7 53.6 80.4



#2
Dichlorodifluoromethane
Concen: 45.376 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085505.D
Acq: 17 Jan 2025 19:36

Tgt Ion: 85 Resp: 121401
Ion Ratio Lower Upper
85 100
87 33.6 16.7 50.1

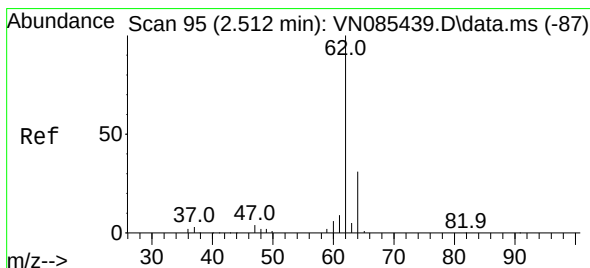
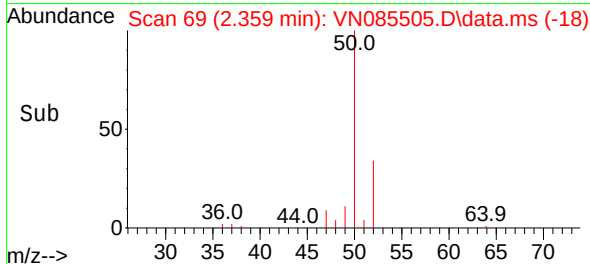
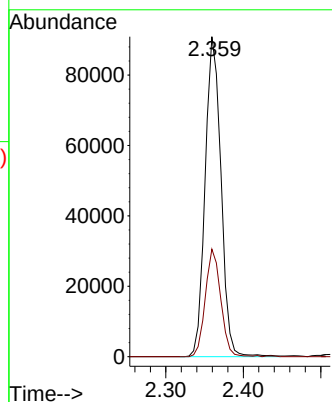
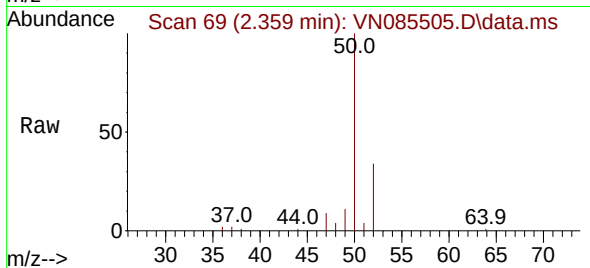




#3
 Chloromethane
 Concen: 44.671 ug/l
 RT: 2.359 min Scan# 69
 Delta R.T. -0.000 min
 Lab File: VN085505.D
 Acq: 17 Jan 2025 19:36

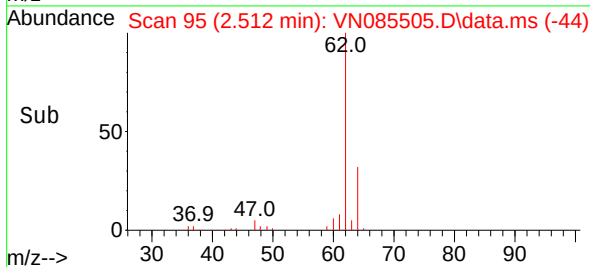
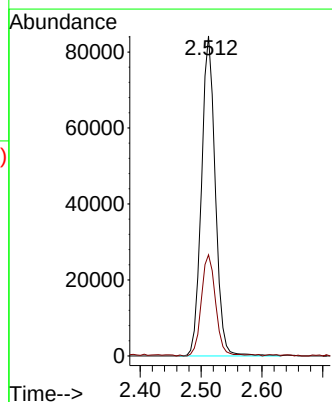
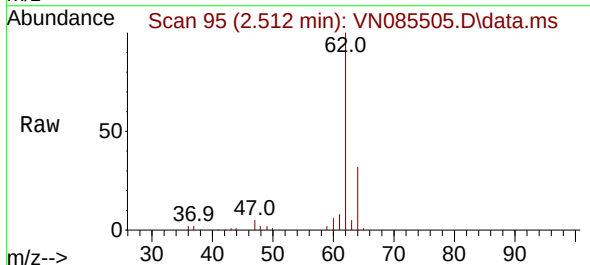
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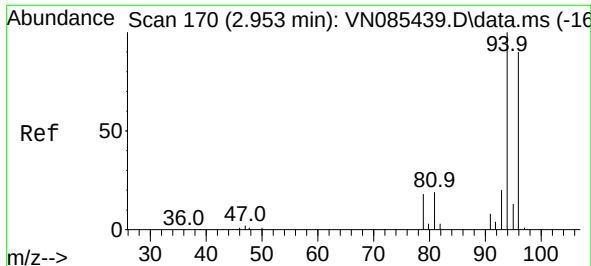
Tgt Ion: 50 Resp: 129401
 Ion Ratio Lower Upper
 50 100
 52 33.6 27.0 40.6



#4
 Vinyl Chloride
 Concen: 45.711 ug/l
 RT: 2.512 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VN085505.D
 Acq: 17 Jan 2025 19:36

Tgt Ion: 62 Resp: 133096
 Ion Ratio Lower Upper
 62 100
 64 31.4 24.8 37.2

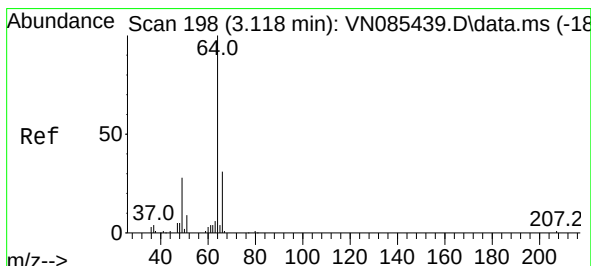
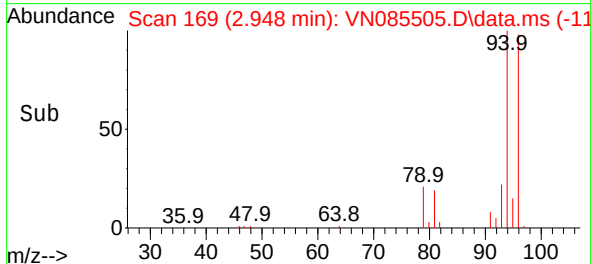
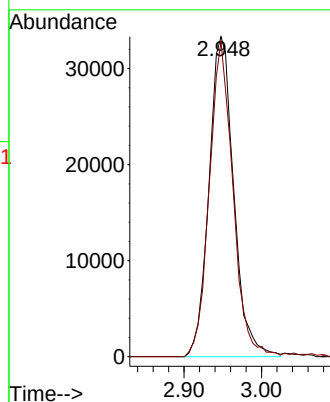
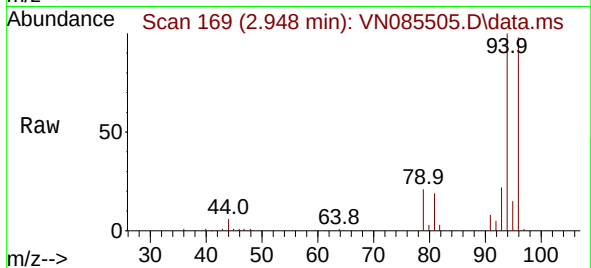




#5
Bromomethane
Concen: 42.150 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN085505.D
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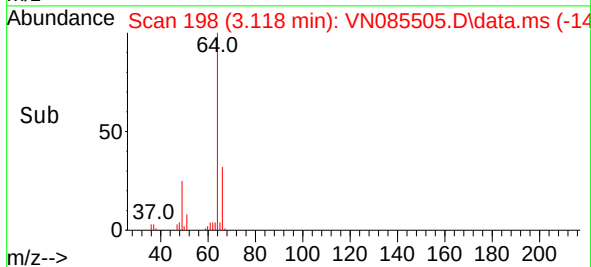
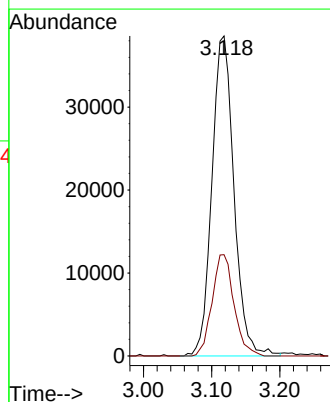
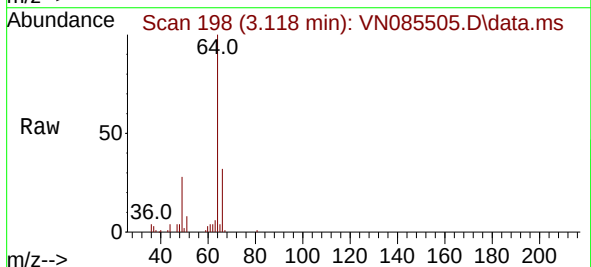
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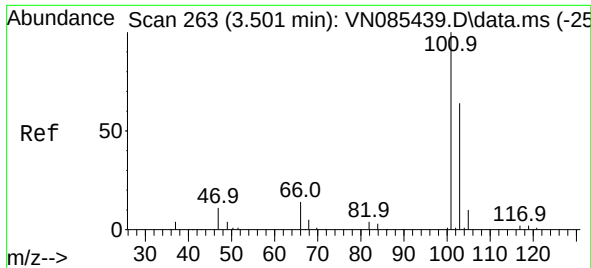
Tgt Ion: 94 Resp: 74132
Ion Ratio Lower Upper
94 100
96 98.4 71.8 107.6



#6
Chloroethane
Concen: 47.078 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN085505.D
Acq: 17 Jan 2025 19:36

Tgt Ion: 64 Resp: 86904
Ion Ratio Lower Upper
64 100
66 31.7 24.6 36.8

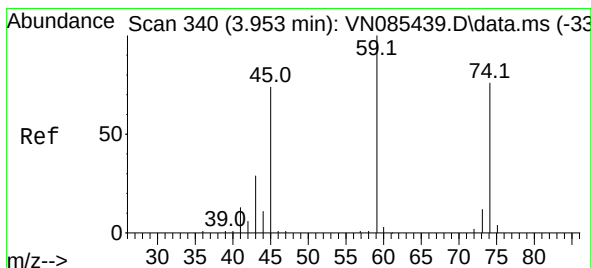
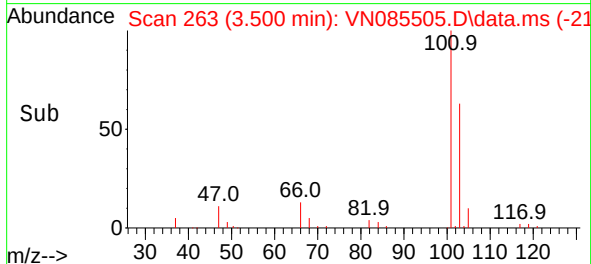
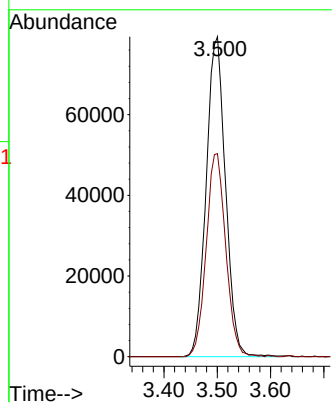
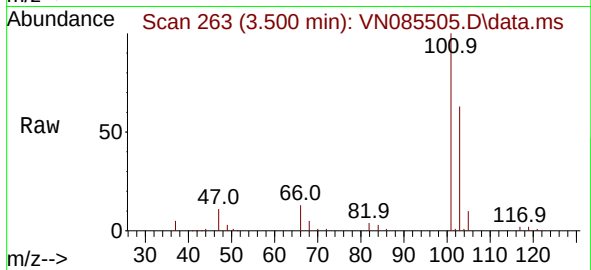




#7
 Trichlorofluoromethane
 Concen: 47.264 ug/l
 RT: 3.500 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VN085505.D
 Acq: 17 Jan 2025 19:36

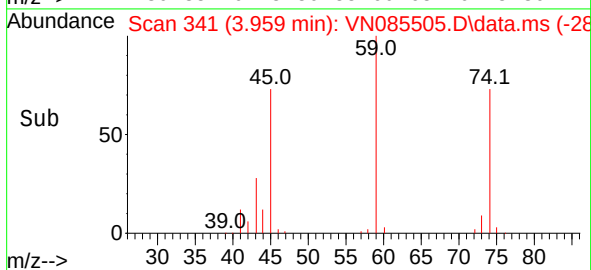
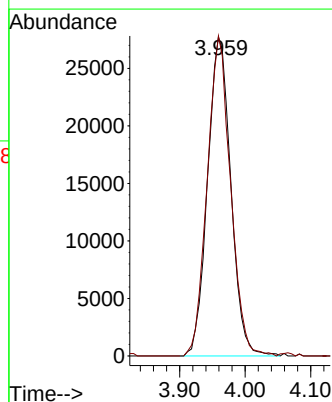
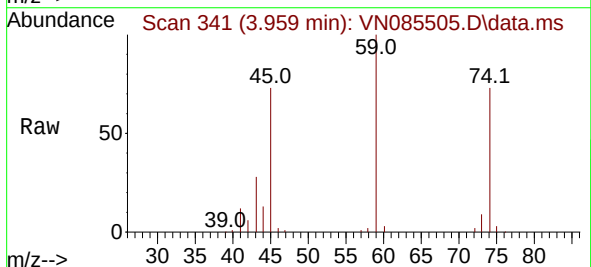
Instrument :
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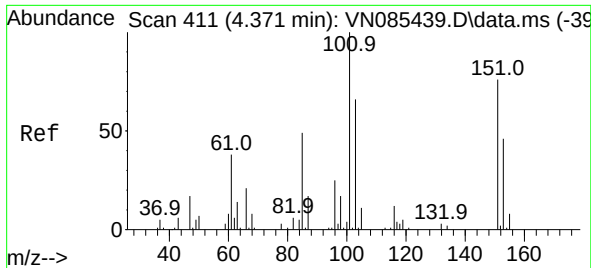
Tgt Ion:101 Resp: 199679
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.4 77.2



#8
 Diethyl Ether
 Concen: 46.796 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 68298
 Ion Ratio Lower Upper
 74 100
 45 100.7 49.7 149.1

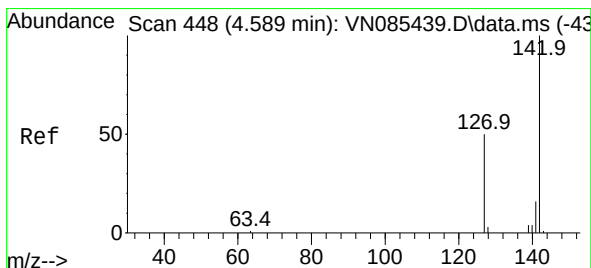
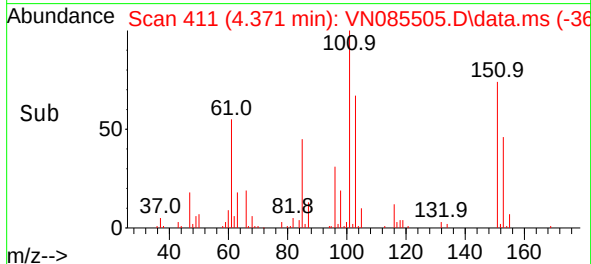
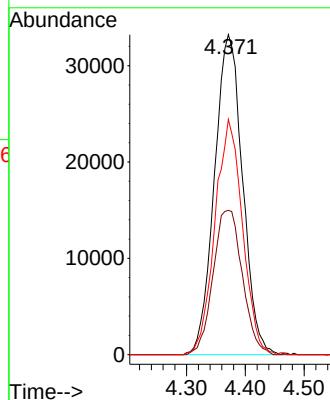
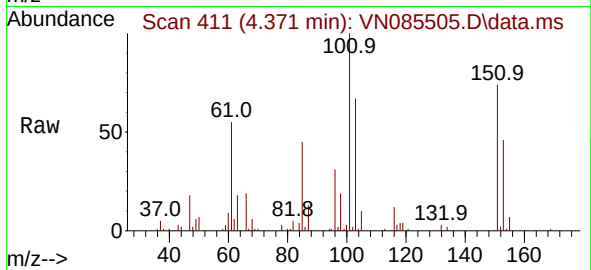




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.355 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN085505.D
Acq: 17 Jan 2025 19:36

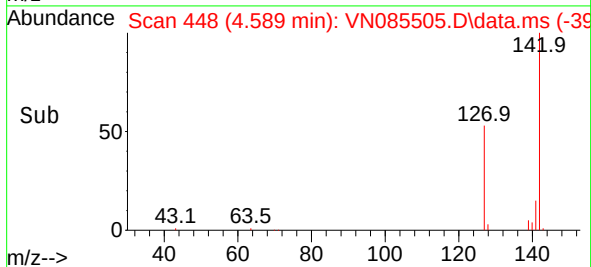
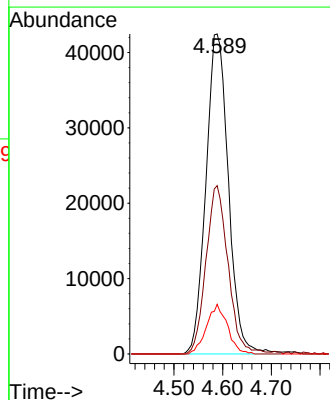
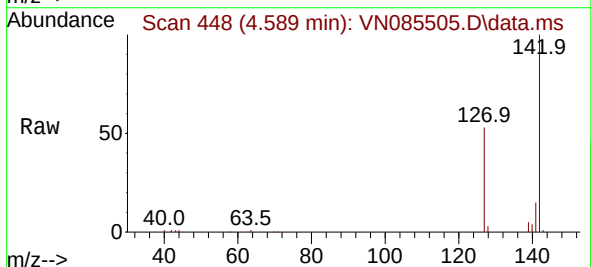
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

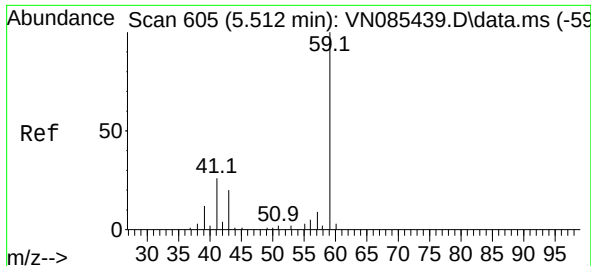
Tgt Ion:101 Resp: 110304
Ion Ratio Lower Upper
101 100
85 47.0 37.8 56.8
151 72.0 58.8 88.2



#10
Methyl Iodide
Concen: 49.957 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN085505.D
Acq: 17 Jan 2025 19:36

Tgt Ion:142 Resp: 136132
Ion Ratio Lower Upper
142 100
127 52.6 40.3 60.5
141 15.5 12.8 19.2

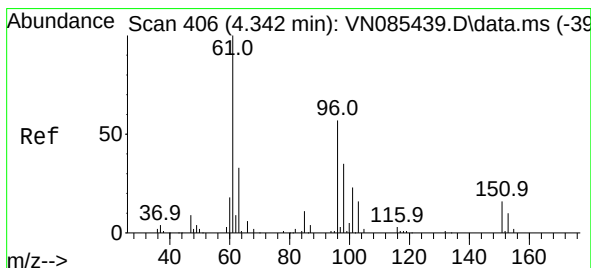
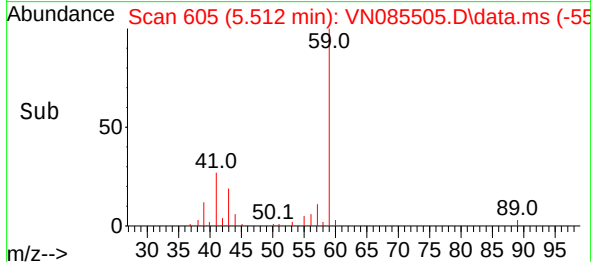
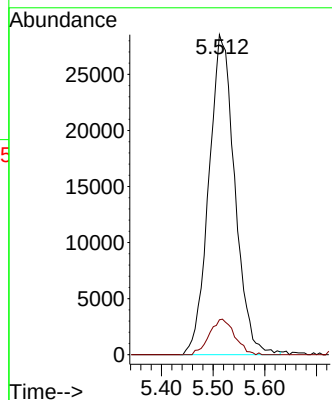
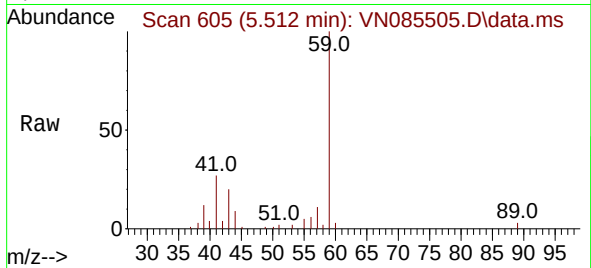




#11
Tert butyl alcohol
Concen: 272.578 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN085505.D
Acq: 17 Jan 2025 19:36

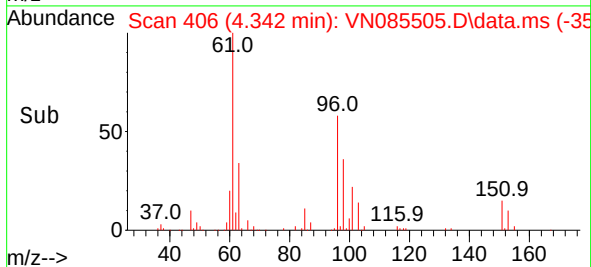
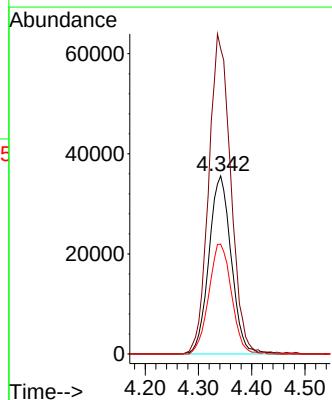
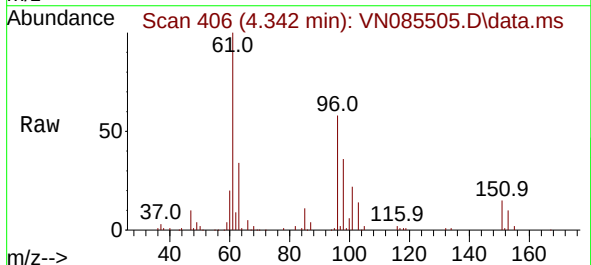
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

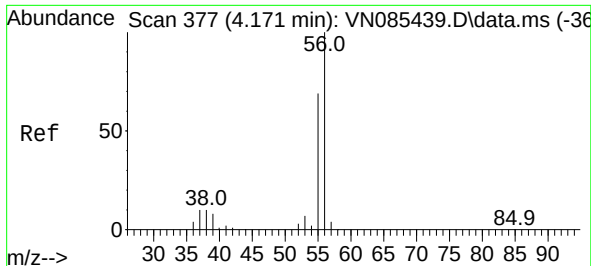
Tgt Ion: 59 Resp: 99556
Ion Ratio Lower Upper
59 100
57 10.9 8.6 13.0



#12
1,1-Dichloroethene
Concen: 48.805 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN085505.D
Acq: 17 Jan 2025 19:36

Tgt Ion: 96 Resp: 103501
Ion Ratio Lower Upper
96 100
61 171.3 141.0 211.4
98 61.6 49.0 73.6





#13

Acrolein

Concen: 314.298 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN085505.D

Acq: 17 Jan 2025 19:36

Instrument :

MSVOA_N

ClientSampleId :

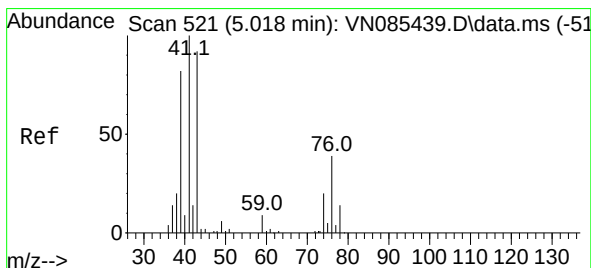
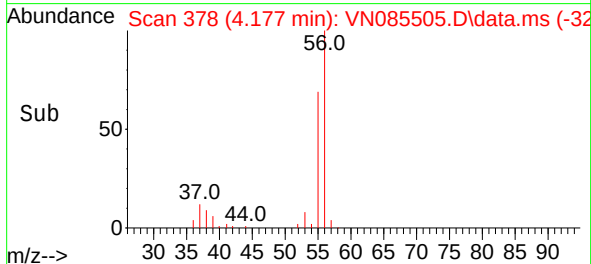
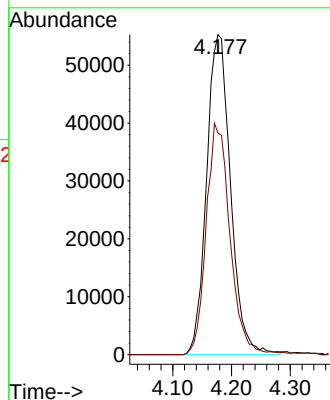
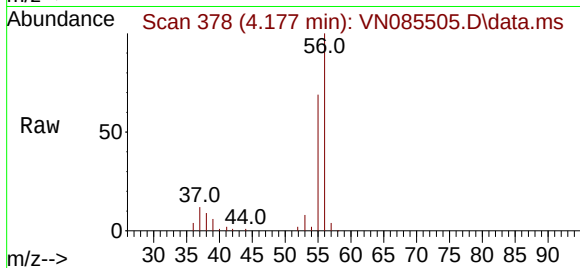
VSTDCCC050EC

Tgt Ion: 56 Resp: 156704

Ion Ratio Lower Upper

56 100

55 71.7 56.3 84.5



#14

Allyl chloride

Concen: 48.331 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN085505.D

Acq: 17 Jan 2025 19:36

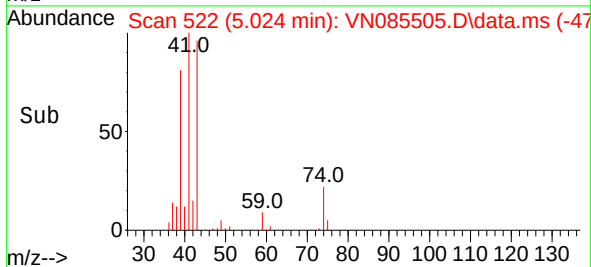
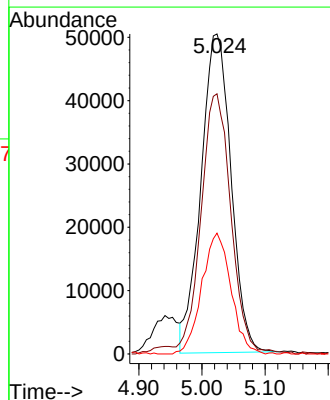
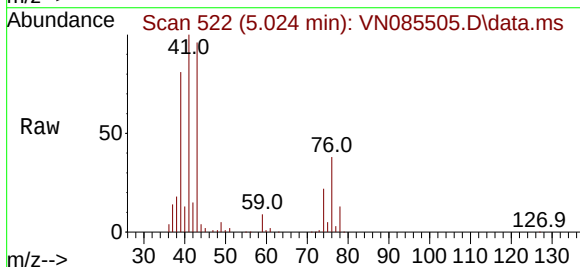
Tgt Ion: 41 Resp: 166317

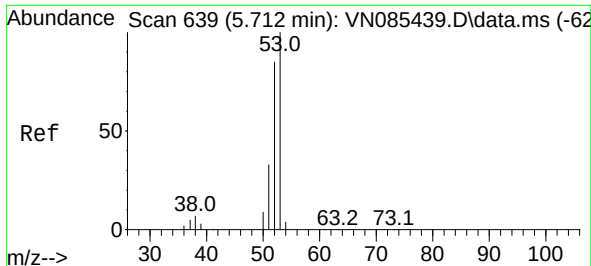
Ion Ratio Lower Upper

41 100

39 81.3 64.4 96.6

76 36.7 30.5 45.7

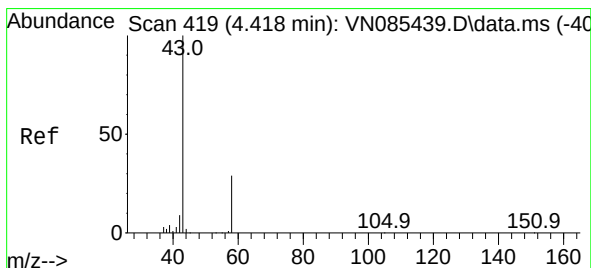
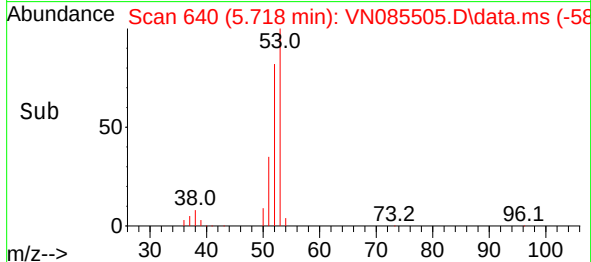
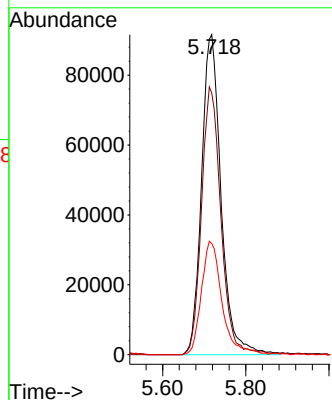
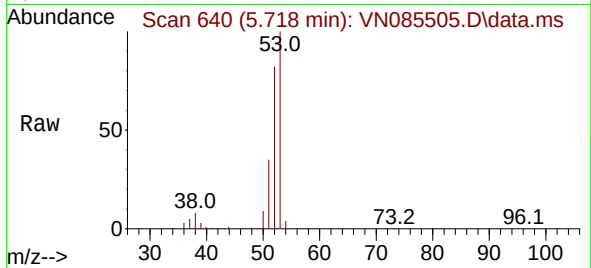




#15
Acrylonitrile
Concen: 257.970 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN085505.D
Acq: 17 Jan 2025 19:36

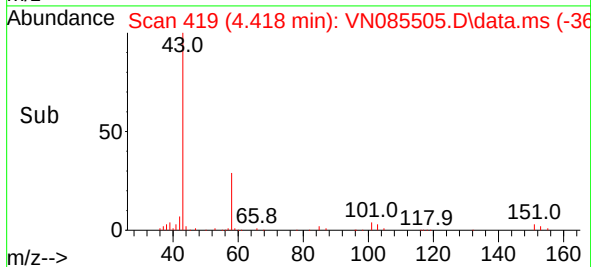
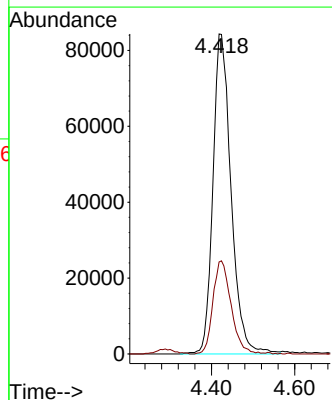
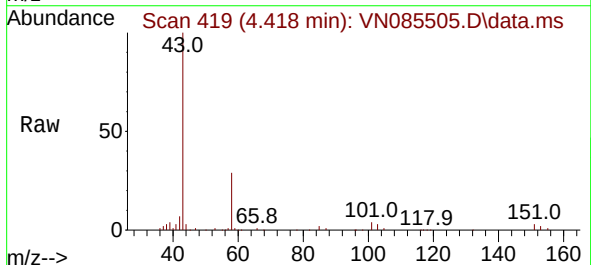
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

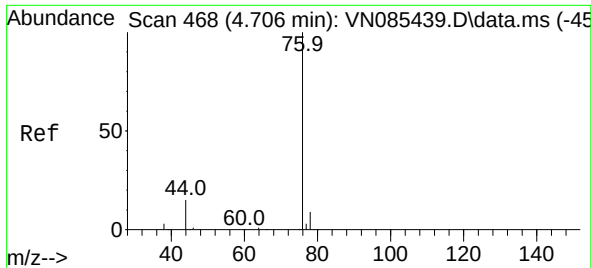
Tgt Ion: 53 Resp: 299275
Ion Ratio Lower Upper
53 100
52 83.0 65.5 98.3
51 37.2 29.8 44.8



#16
Acetone
Concen: 247.797 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.000 min
Lab File: VN085505.D
Acq: 17 Jan 2025 19:36

Tgt Ion: 43 Resp: 255382
Ion Ratio Lower Upper
43 100
58 28.5 23.8 35.6

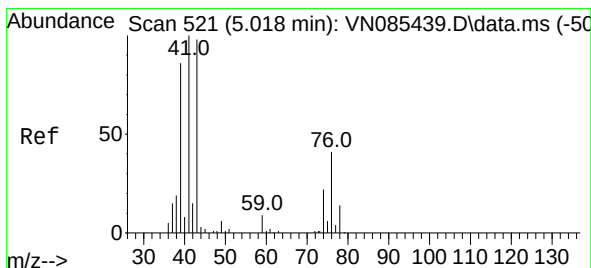
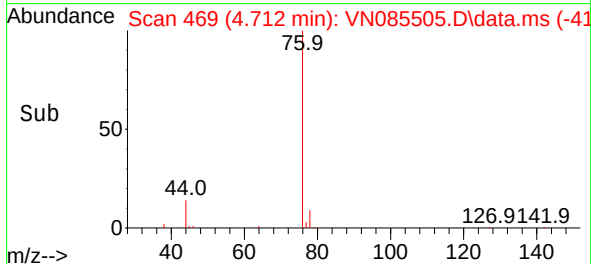
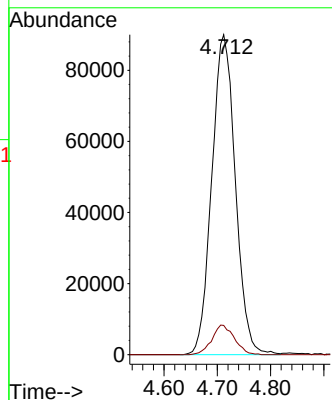
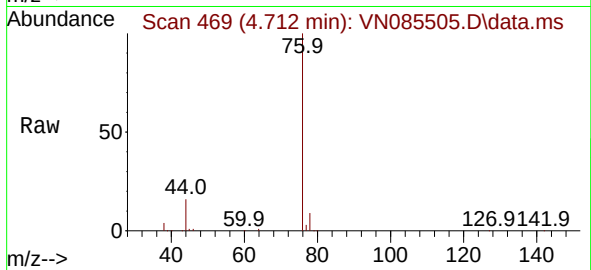




#17
Carbon Disulfide
Concen: 42.343 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN085505.D
Acq: 17 Jan 2025 19:36

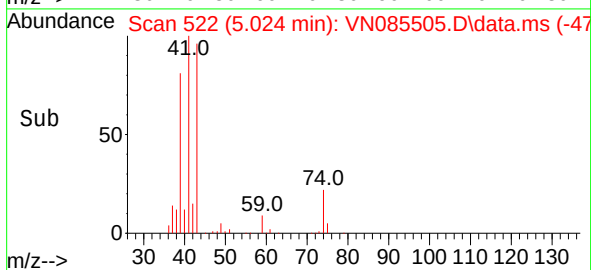
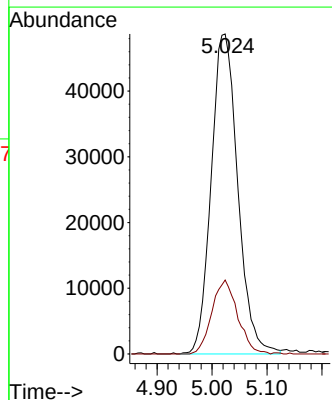
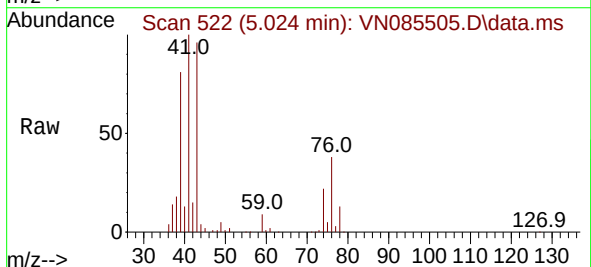
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

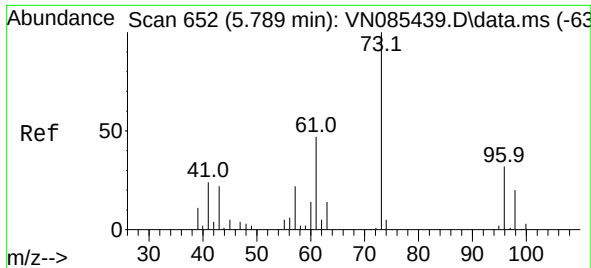
Tgt Ion: 76 Resp: 276486
Ion Ratio Lower Upper
76 100
78 9.2 6.9 10.3



#18
Methyl Acetate
Concen: 52.253 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085505.D
Acq: 17 Jan 2025 19:36

Tgt Ion: 43 Resp: 163757
Ion Ratio Lower Upper
43 100
74 22.3 18.6 28.0

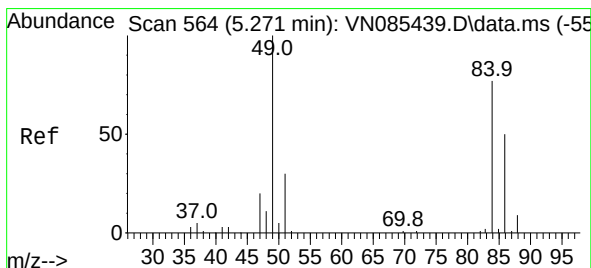
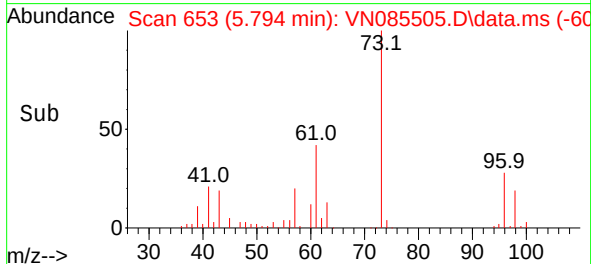
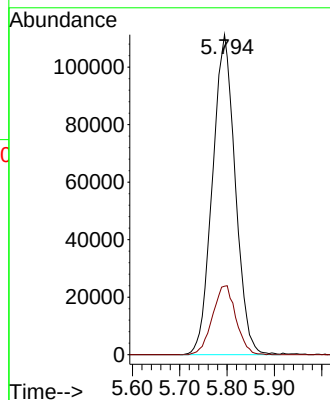
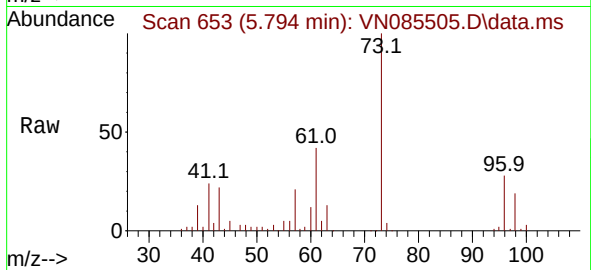




#19
Methyl tert-butyl Ether
Concen: 54.103 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085505.D
Acq: 17 Jan 2025 19:36

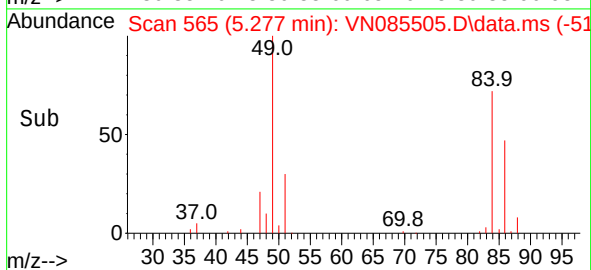
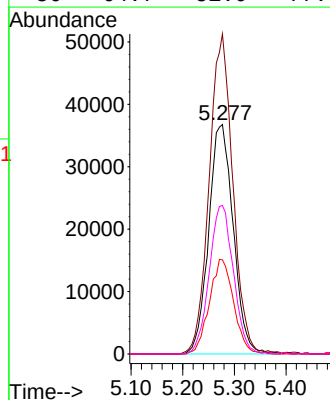
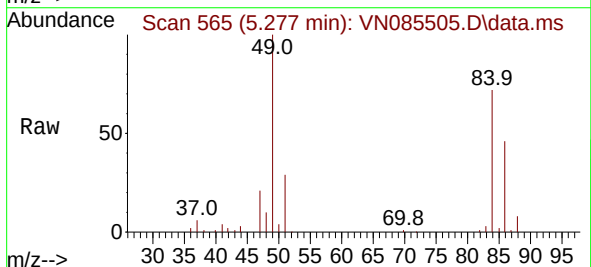
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

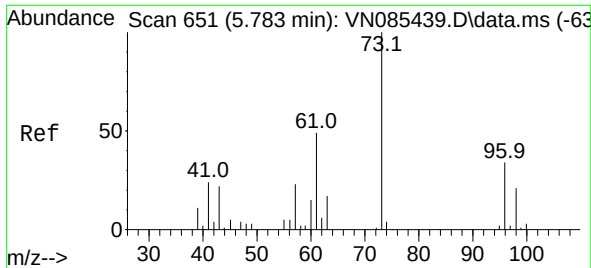
Tgt Ion: 73 Resp: 372560
Ion Ratio Lower Upper
73 100
57 21.4 17.8 26.8



#20
Methylene Chloride
Concen: 47.598 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085505.D
Acq: 17 Jan 2025 19:36

Tgt Ion: 84 Resp: 121440
Ion Ratio Lower Upper
84 100
49 139.4 104.1 156.1
51 41.0 31.0 46.4
86 64.7 51.9 77.9

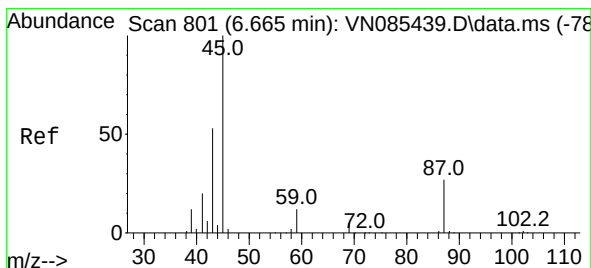
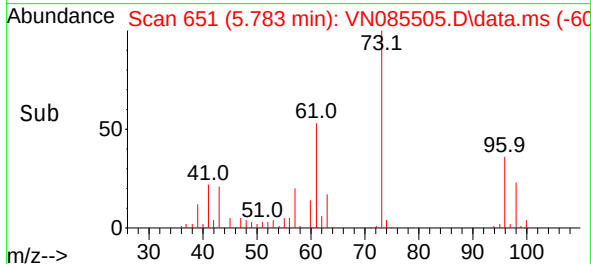
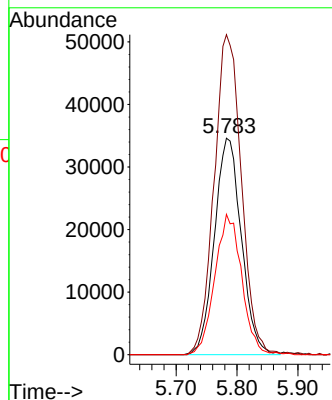
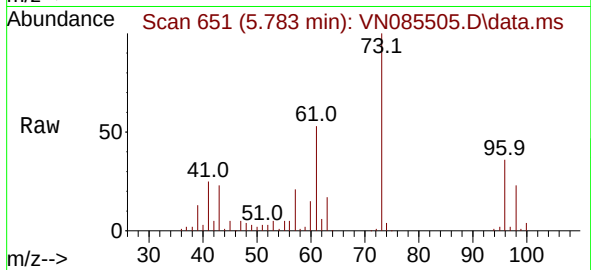




#21
trans-1,2-Dichloroethene
Concen: 46.844 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN085505.D
Acq: 17 Jan 2025 19:36

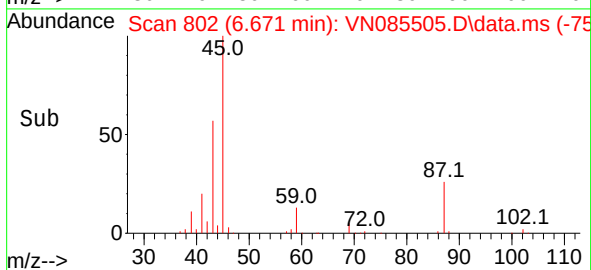
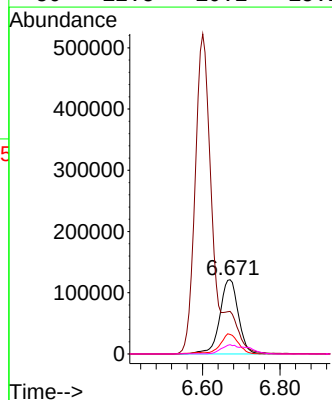
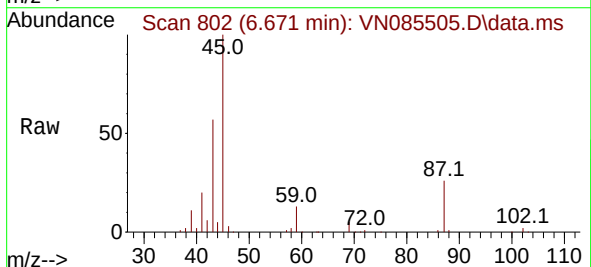
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

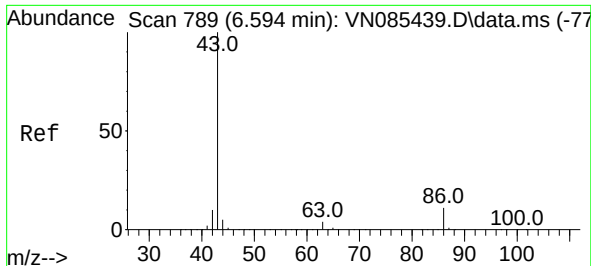
Tgt Ion: 96 Resp: 106168
Ion Ratio Lower Upper
96 100
61 147.8 115.7 173.5
98 64.8 49.8 74.8



#22
Diisopropyl ether
Concen: 52.665 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085505.D
Acq: 17 Jan 2025 19:36

Tgt Ion: 45 Resp: 402255
Ion Ratio Lower Upper
45 100
43 56.5 45.0 67.6
87 26.3 21.8 32.8
59 12.5 10.2 15.2

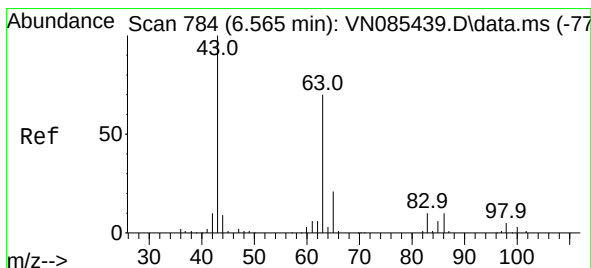
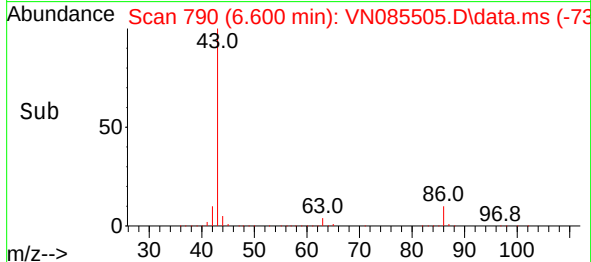
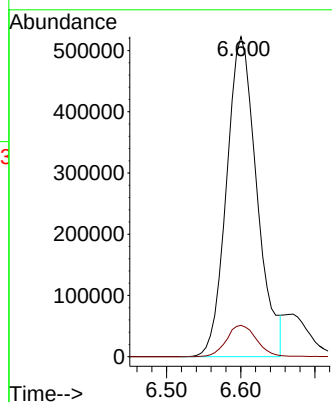
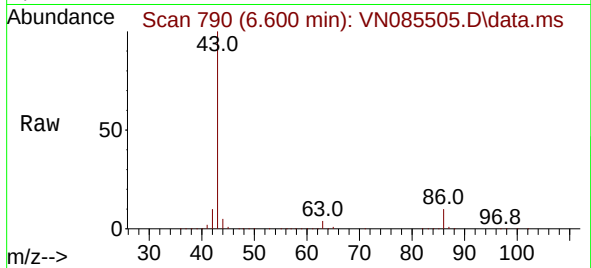




#23
 Vinyl Acetate
 Concen: 277.269 ug/l
 RT: 6.600 min Scan# 789
 Delta R.T. 0.006 min
 Lab File: VN085505.D
 Acq: 17 Jan 2025 19:36

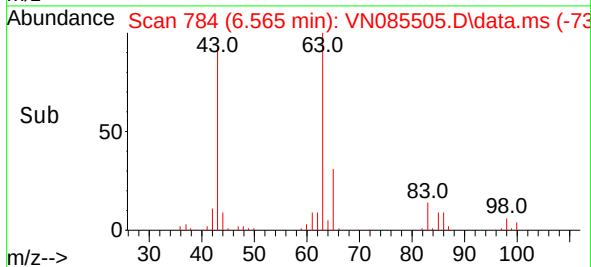
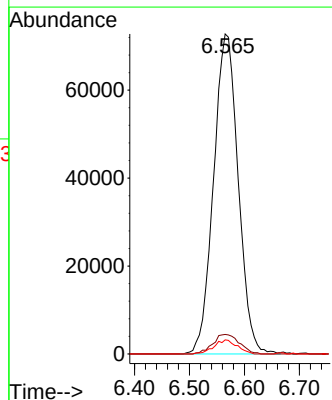
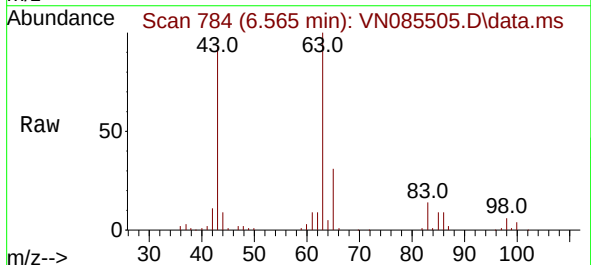
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

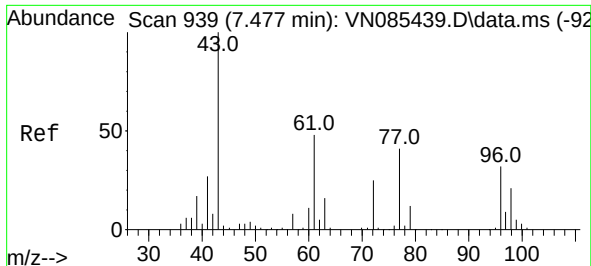
Tgt Ion: 43 Resp: 1482096
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 48.702 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN085505.D
 Acq: 17 Jan 2025 19:36

Tgt Ion: 63 Resp: 226821
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.3 9.8
 100 4.4 2.0 6.0





#25

2-Butanone

Concen: 265.594 ug/l

RT: 7.477 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN085505.D

Acq: 17 Jan 2025 19:36

Instrument :

MSVOA_N

ClientSampleId :

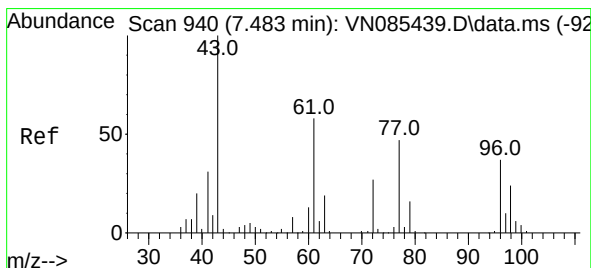
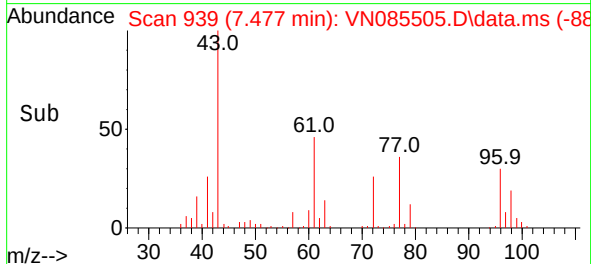
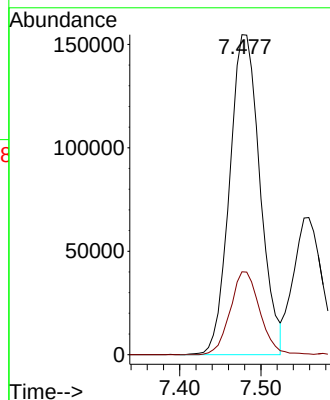
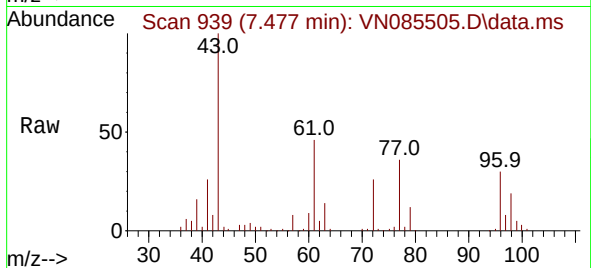
VSTDCCC050EC

Tgt Ion: 43 Resp: 402809

Ion Ratio Lower Upper

43 100

72 25.9 20.2 30.4



#26

2,2-Dichloropropane

Concen: 50.352 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN085505.D

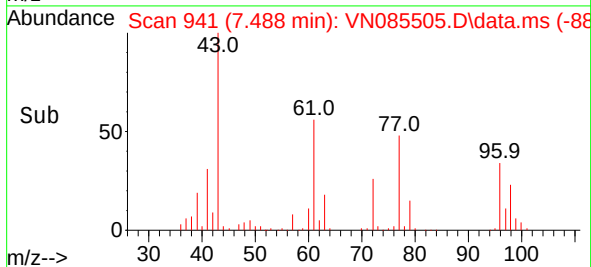
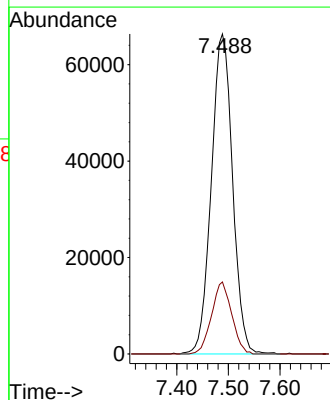
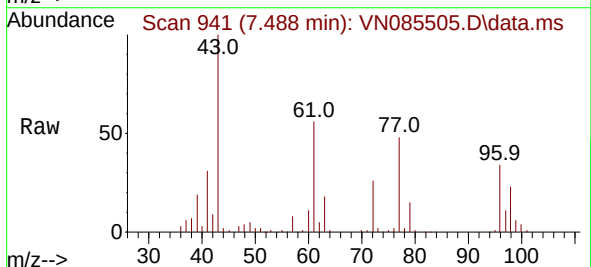
Acq: 17 Jan 2025 19:36

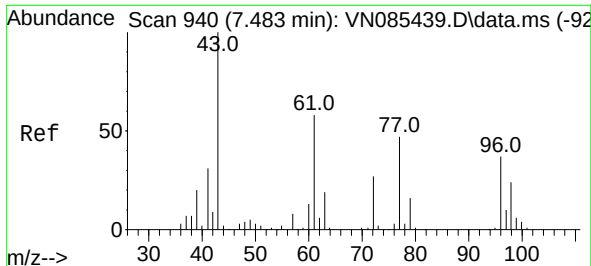
Tgt Ion: 77 Resp: 189596

Ion Ratio Lower Upper

77 100

97 21.3 10.7 32.1

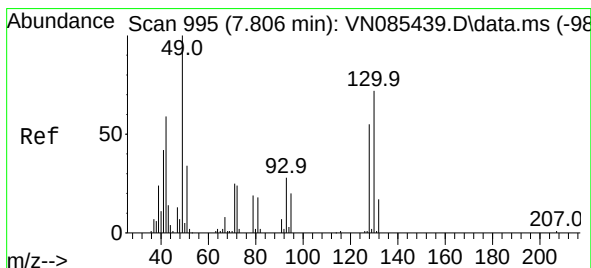
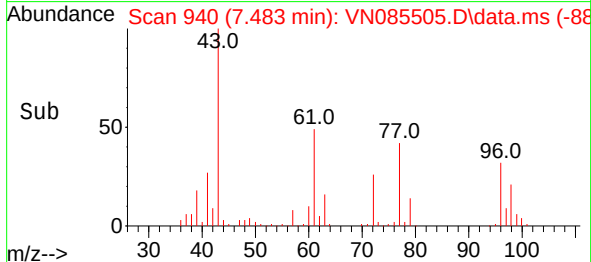
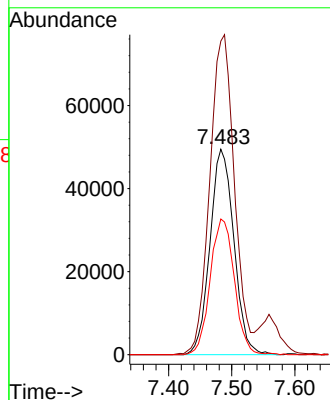
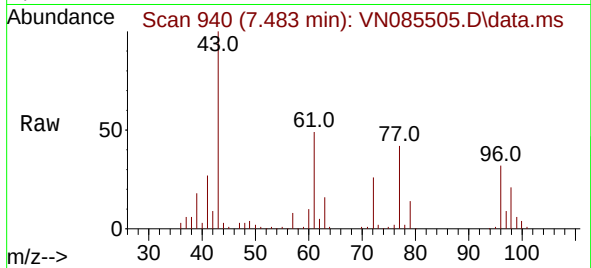




#27
 cis-1,2-Dichloroethene
 Concen: 48.829 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN085505.D
 Acq: 17 Jan 2025 19:36

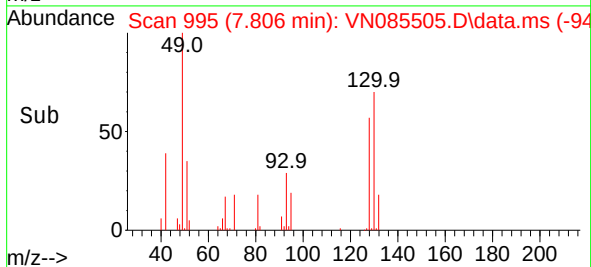
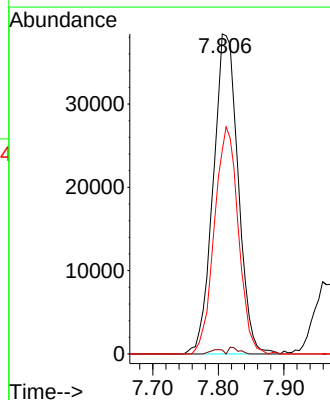
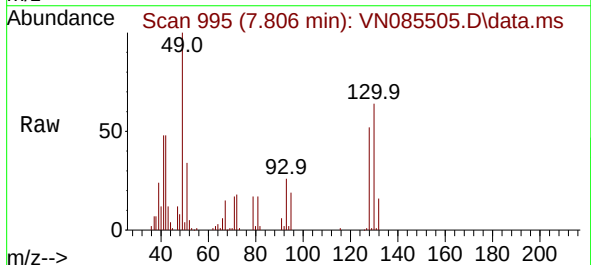
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

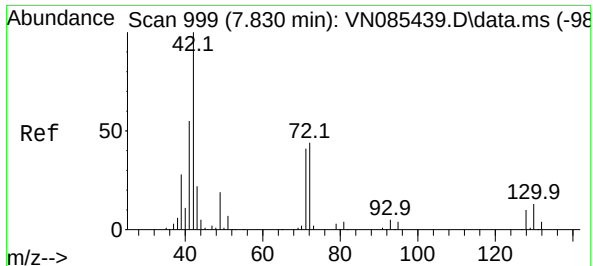
Tgt Ion: 96 Resp: 130346
 Ion Ratio Lower Upper
 96 100
 61 160.5 0.0 311.8
 98 66.5 0.0 126.0



#28
 Bromochloromethane
 Concen: 46.666 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.000 min
 Lab File: VN085505.D
 Acq: 17 Jan 2025 19:36

Tgt Ion: 49 Resp: 101114
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 4.4
 130 68.1 55.0 82.4





#29

Tetrahydrofuran

Concen: 278.429 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN085505.D

Acq: 17 Jan 2025 19:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

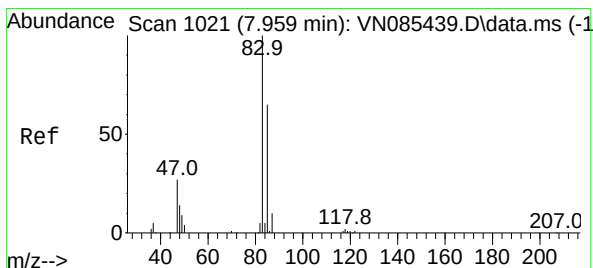
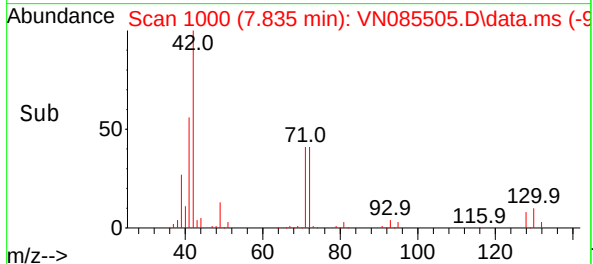
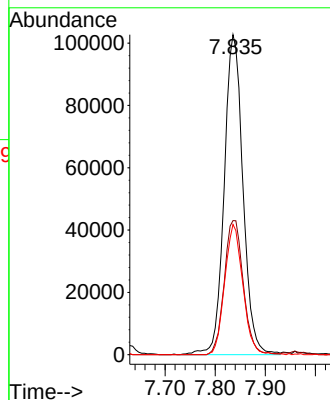
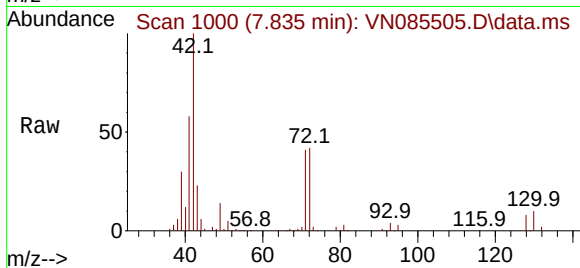
Tgt Ion: 42 Resp: 267724

Ion Ratio Lower Upper

42 100

72 42.5 34.2 51.2

71 39.3 32.5 48.7



#30

Chloroform

Concen: 48.237 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN085505.D

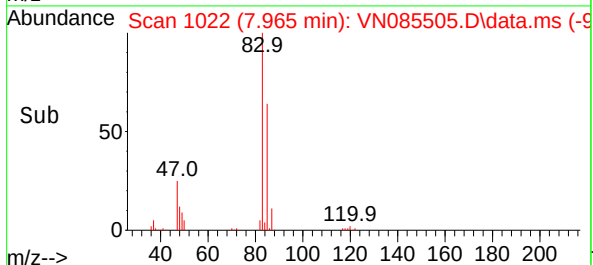
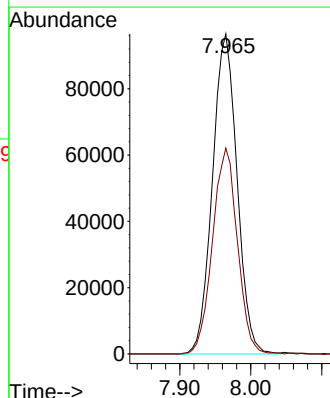
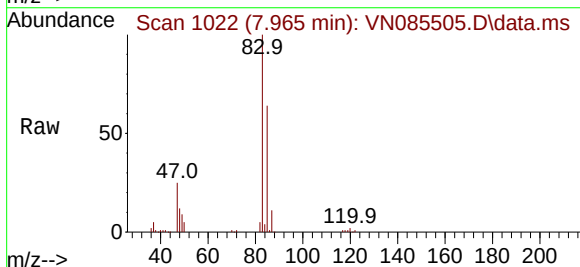
Acq: 17 Jan 2025 19:36

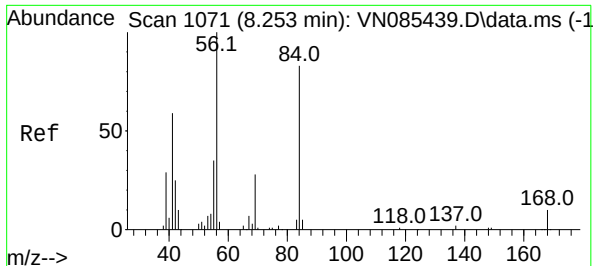
Tgt Ion: 83 Resp: 232191

Ion Ratio Lower Upper

83 100

85 64.3 51.8 77.6





#31

Cyclohexane

Concen: 43.489 ug/l

RT: 8.253 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN085505.D

Acq: 17 Jan 2025 19:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

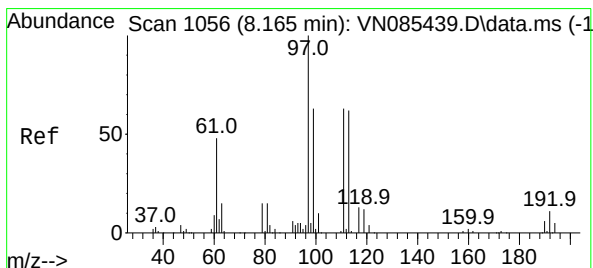
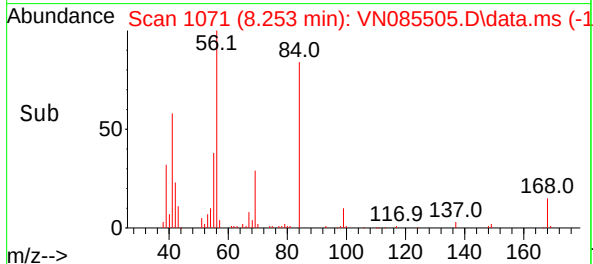
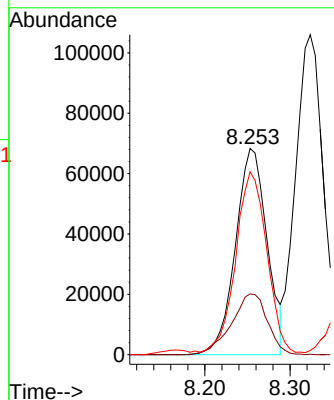
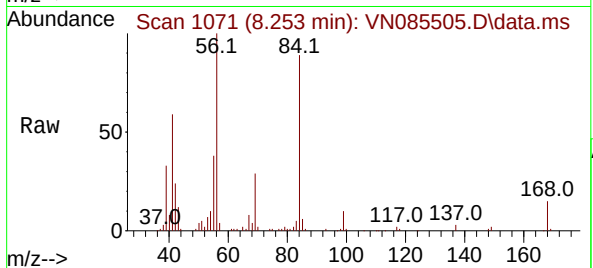
Tgt Ion: 56 Resp: 176044

Ion Ratio Lower Upper

56 100

69 29.5 22.2 33.4

84 86.5 66.4 99.6



#32

1,1,1-Trichloroethane

Concen: 47.965 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN085505.D

Acq: 17 Jan 2025 19:36

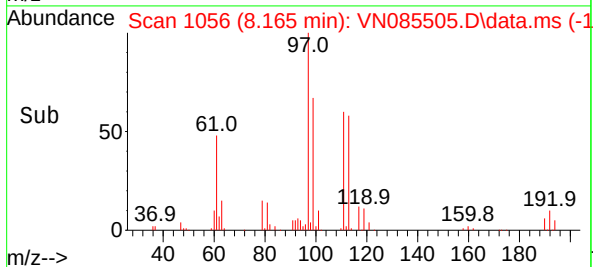
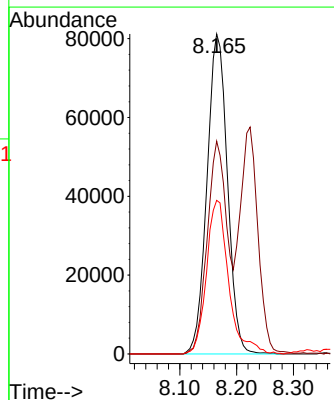
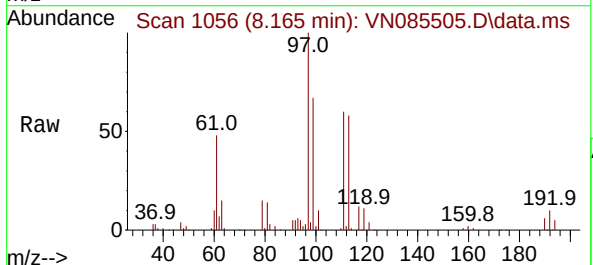
Tgt Ion: 97 Resp: 202523

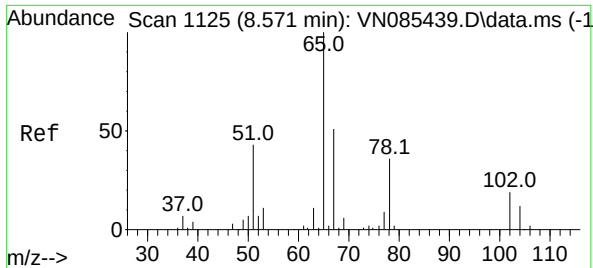
Ion Ratio Lower Upper

97 100

99 65.6 49.8 74.6

61 52.2 41.4 62.2

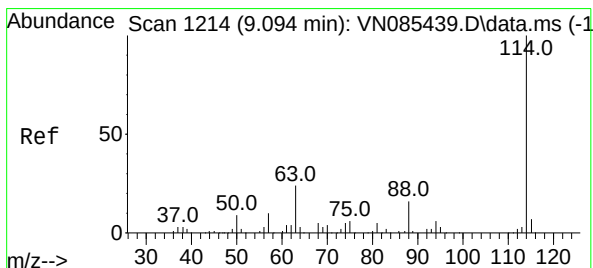
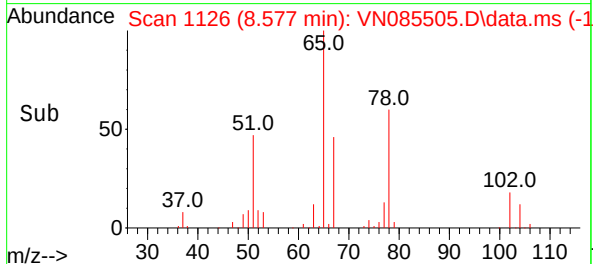
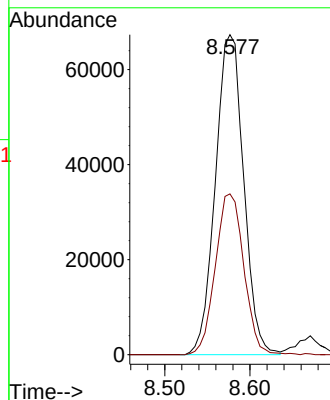
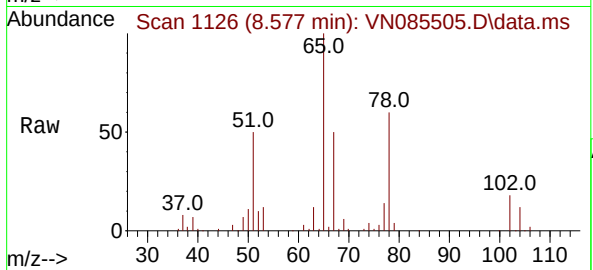




#33
 1,2-Dichloroethane-d4
 Concen: 48.743 ug/l
 RT: 8.577 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: VN085505.D
 Acq: 17 Jan 2025 19:36

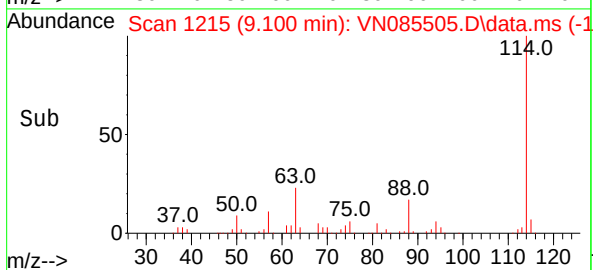
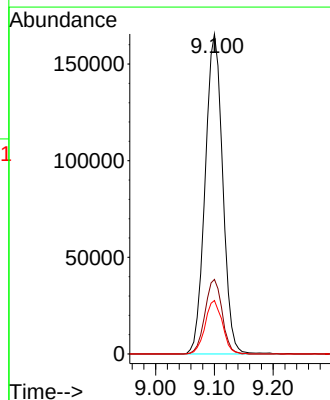
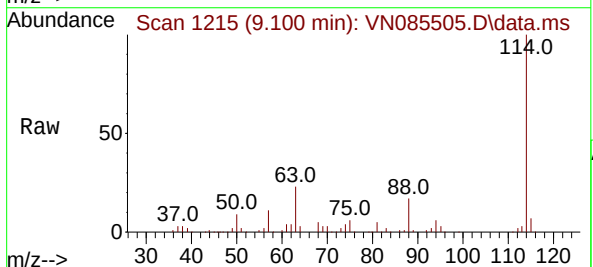
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

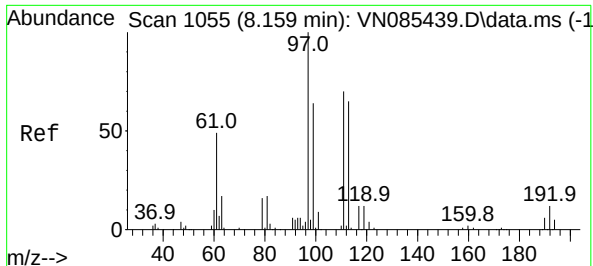
Tgt Ion: 65 Resp: 155474
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085505.D
 Acq: 17 Jan 2025 19:36

Tgt Ion: 114 Resp: 342117
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 47.6
 88 16.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.116 ug/l

RT: 8.165 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085505.D

Acq: 17 Jan 2025 19:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

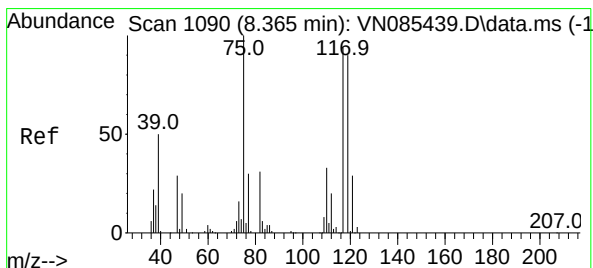
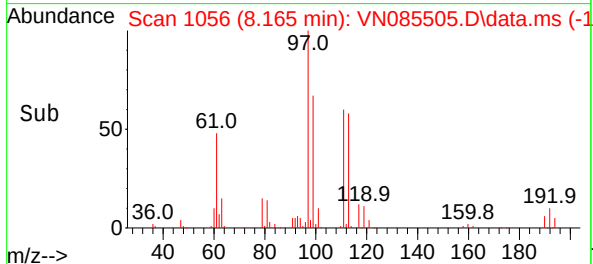
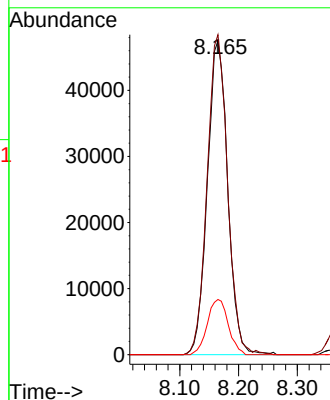
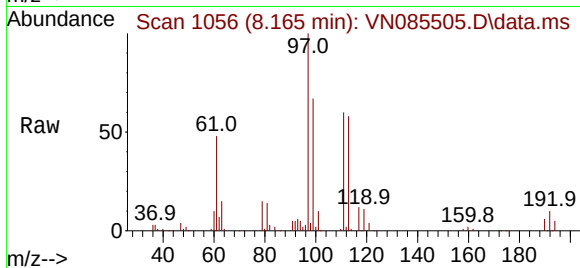
Tgt Ion:113 Resp: 114202

Ion Ratio Lower Upper

113 100

111 102.2 82.7 124.1

192 18.1 14.3 21.5



#36

1,1-Dichloropropene

Concen: 47.264 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN085505.D

Acq: 17 Jan 2025 19:36

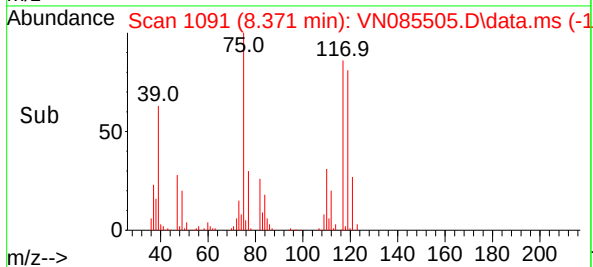
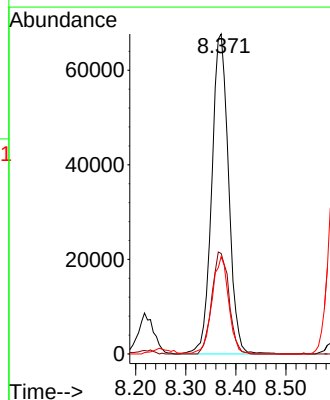
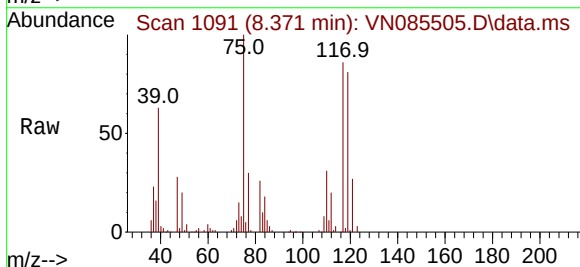
Tgt Ion: 75 Resp: 157440

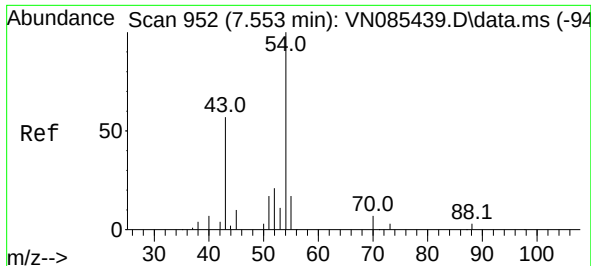
Ion Ratio Lower Upper

75 100

110 32.5 16.5 49.5

77 30.2 24.4 36.6





#37

Ethyl Acetate

Concen: 50.253 ug/l

RT: 7.559 min Scan# 953

Delta R.T. 0.006 min

Lab File: VN085505.D

Acq: 17 Jan 2025 19:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

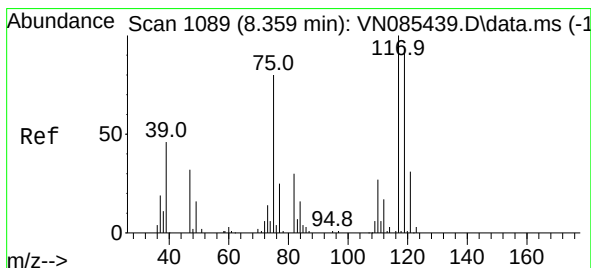
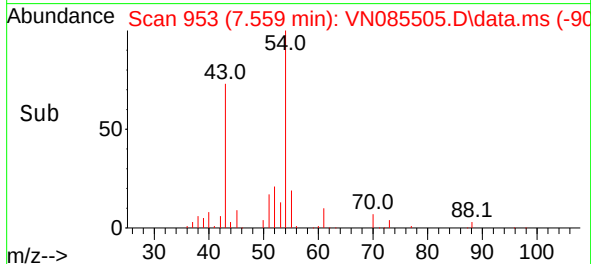
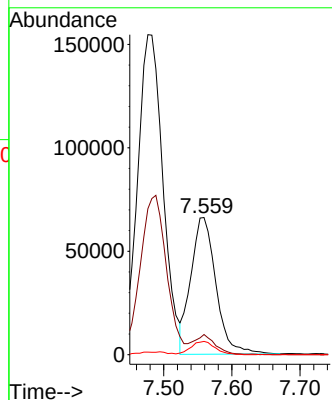
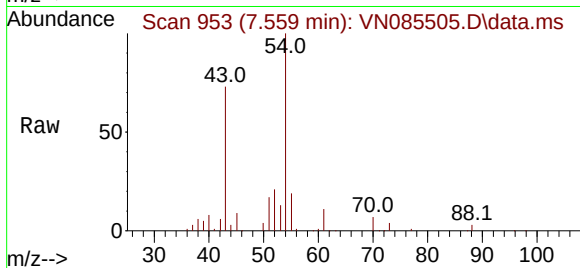
Tgt Ion: 43 Resp: 168964

Ion Ratio Lower Upper

43 100

61 12.4 10.9 16.3

70 9.3 7.5 11.3



#38

Carbon Tetrachloride

Concen: 47.441 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VN085505.D

Acq: 17 Jan 2025 19:36

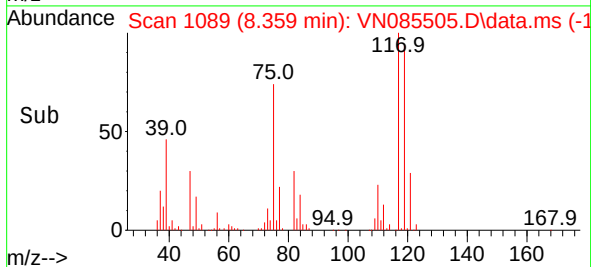
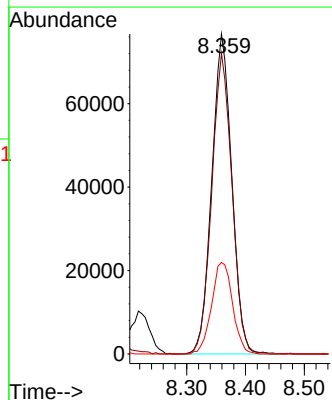
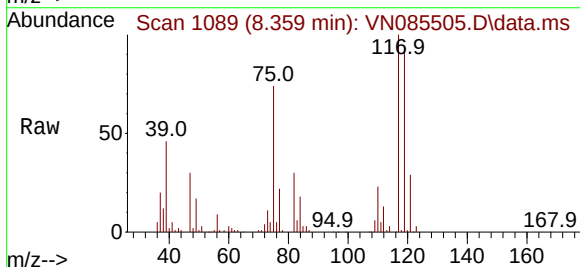
Tgt Ion:117 Resp: 180918

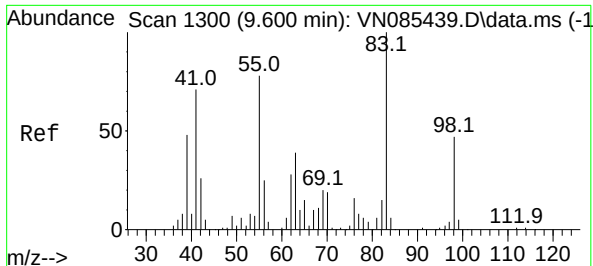
Ion Ratio Lower Upper

117 100

119 94.0 75.4 113.2

121 28.6 24.6 37.0





#39

Methylcyclohexane

Concen: 48.117 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN085505.D

Acq: 17 Jan 2025 19:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

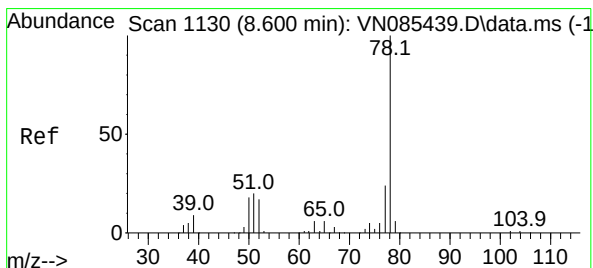
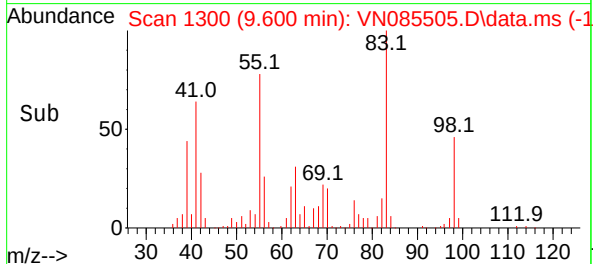
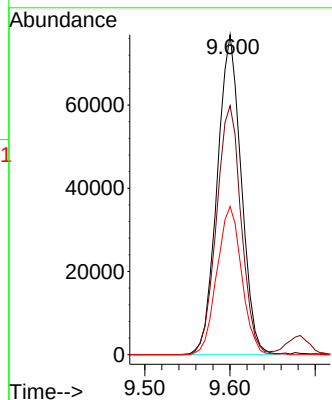
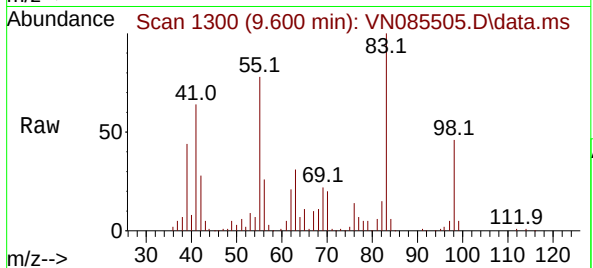
Tgt Ion: 83 Resp: 150618

Ion Ratio Lower Upper

83 100

55 77.8 62.6 94.0

98 46.3 37.7 56.5



#40

Benzene

Concen: 48.118 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN085505.D

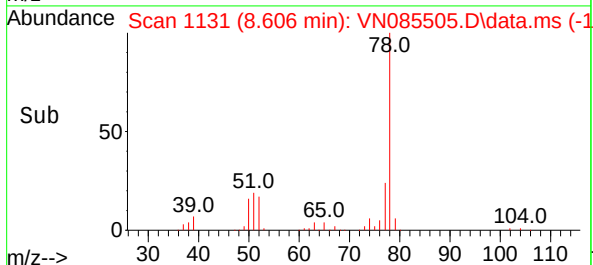
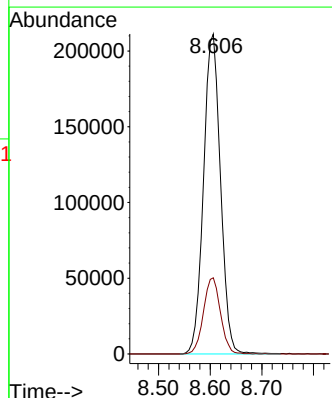
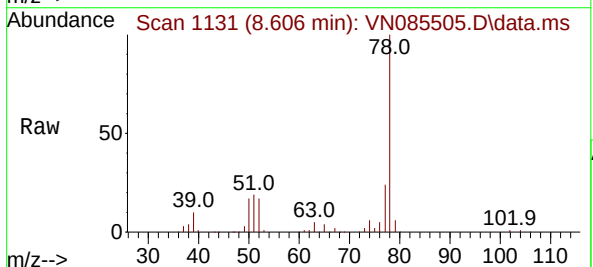
Acq: 17 Jan 2025 19:36

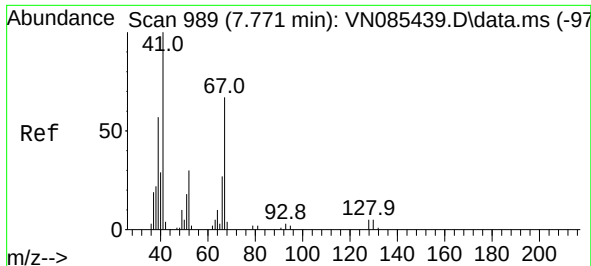
Tgt Ion: 78 Resp: 481605

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.6

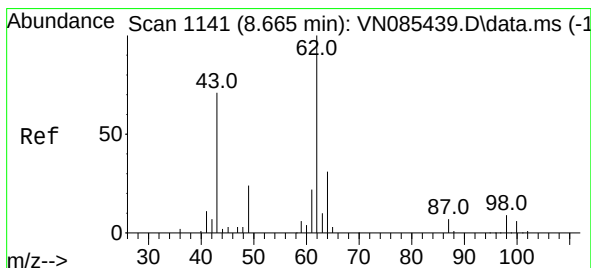
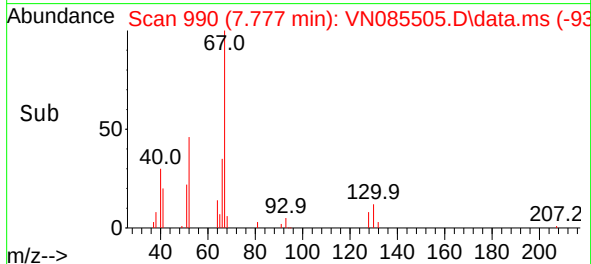
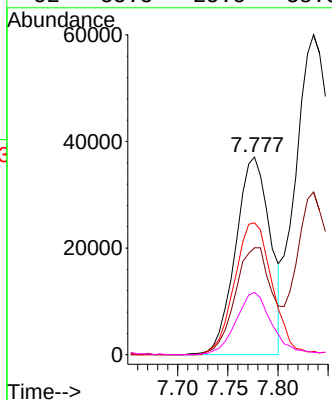
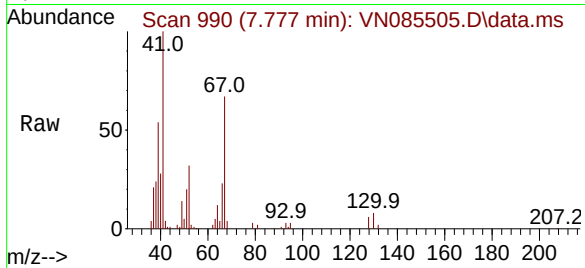




#41
Methacrylonitrile
Concen: 51.028 ug/l
RT: 7.777 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN085505.D
Acq: 17 Jan 2025 19:36

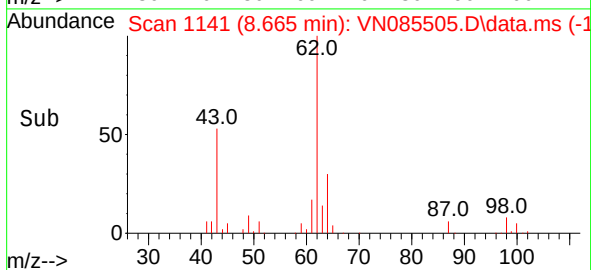
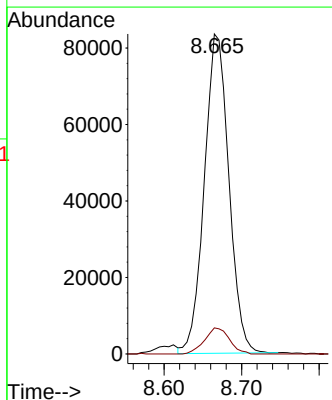
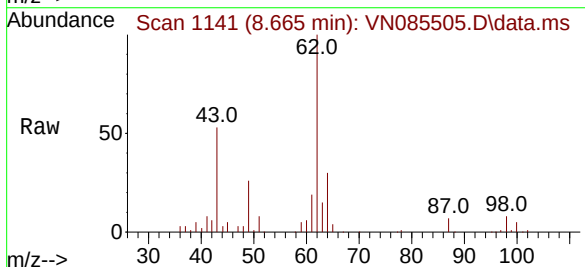
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

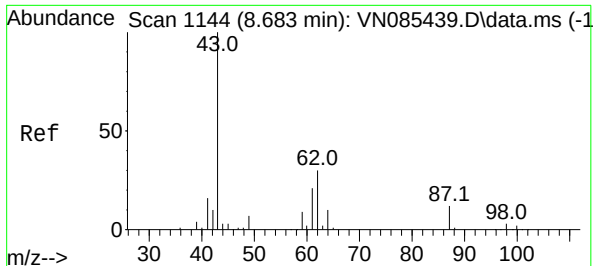
Tgt Ion:	41	Resp:	89261
Ion	Ratio	Lower	Upper
41	100		
39	59.7	46.0	69.0
67	73.2	57.4	86.2
52	33.3	25.5	38.3



#42
1,2-Dichloroethane
Concen: 48.674 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085505.D
Acq: 17 Jan 2025 19:36

Tgt Ion:	62	Resp:	183481
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.0





#43

Isopropyl Acetate

Concen: 57.073 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.006 min

Lab File: VN085505.D

Acq: 17 Jan 2025 19:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

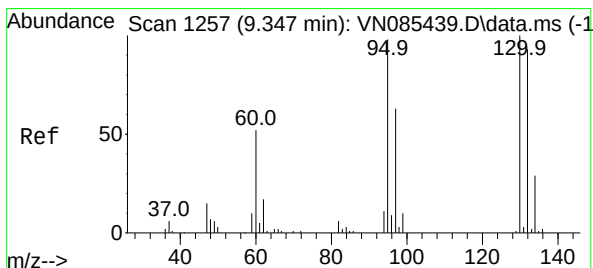
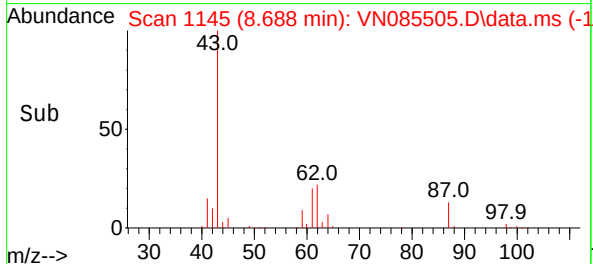
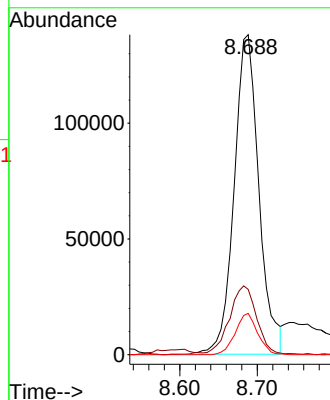
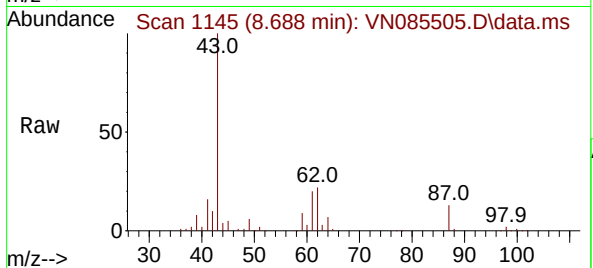
Tgt Ion: 43 Resp: 307481

Ion Ratio Lower Upper

43 100

61 23.3 20.7 31.1

87 11.6 9.8 14.8



#44

Trichloroethene

Concen: 46.408 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. -0.000 min

Lab File: VN085505.D

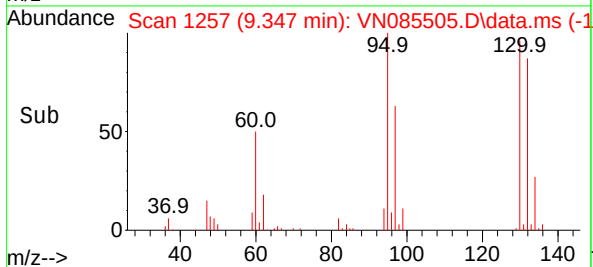
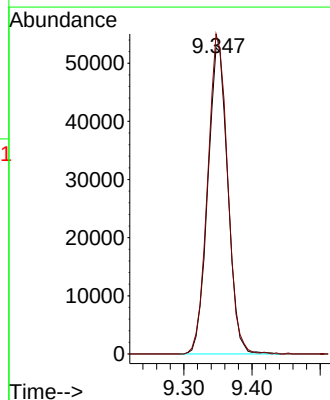
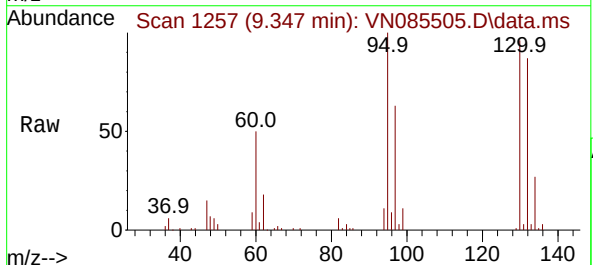
Acq: 17 Jan 2025 19:36

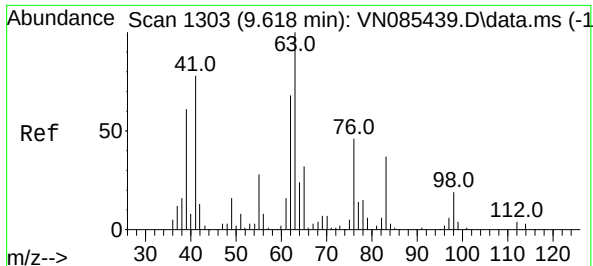
Tgt Ion:130 Resp: 108123

Ion Ratio Lower Upper

130 100

95 104.5 0.0 195.8





#45

1,2-Dichloropropane

Concen: 48.870 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN085505.D

Acq: 17 Jan 2025 19:36

Instrument :

MSVOA_N

ClientSampleId :

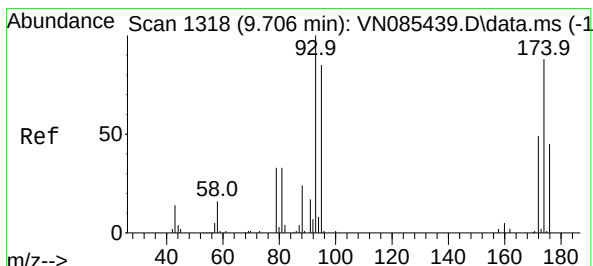
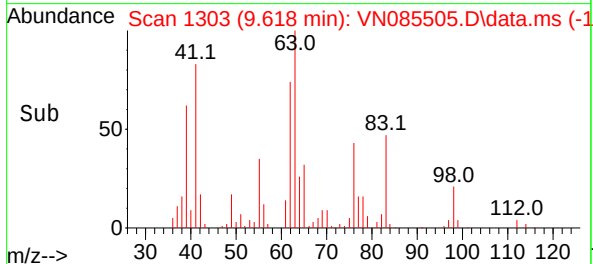
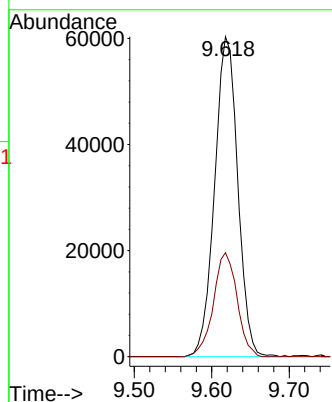
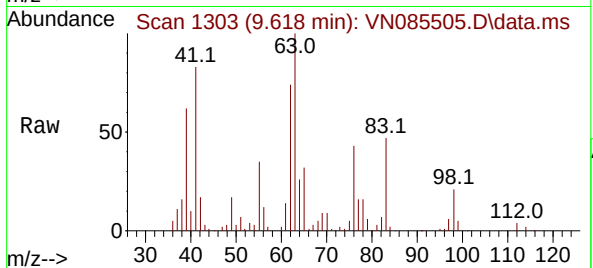
VSTDCCC050EC

Tgt Ion: 63 Resp: 124938

Ion Ratio Lower Upper

63 100

65 32.5 25.6 38.4



#46

Dibromomethane

Concen: 47.256 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN085505.D

Acq: 17 Jan 2025 19:36

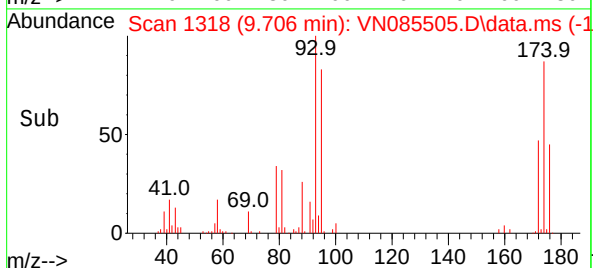
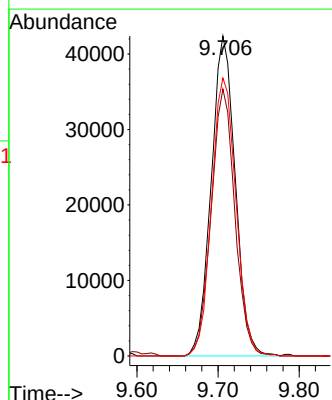
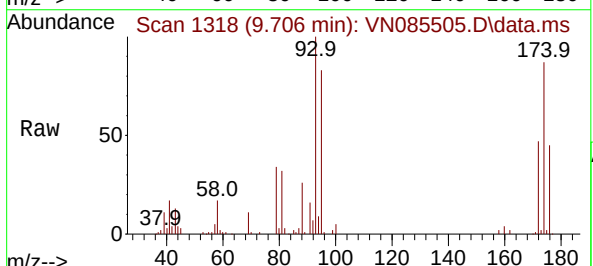
Tgt Ion: 93 Resp: 87173

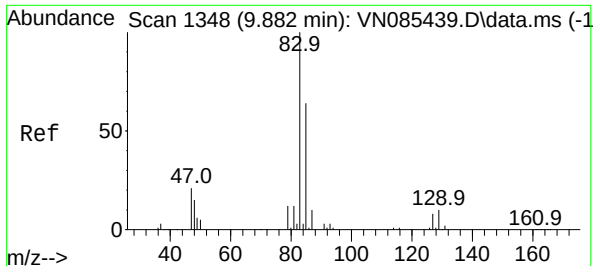
Ion Ratio Lower Upper

93 100

95 82.2 64.7 97.1

174 88.4 69.0 103.4





#47

Bromodichloromethane

Concen: 49.744 ug/l

RT: 9.888 min Scan# 1348

Delta R.T. 0.006 min

Lab File: VN085505.D

Acq: 17 Jan 2025 19:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

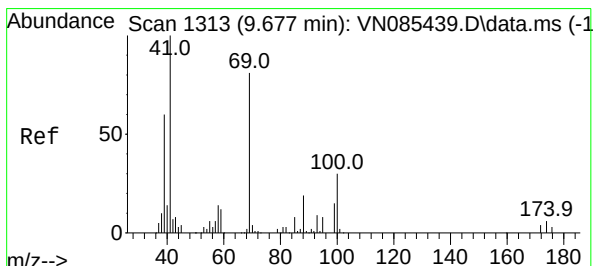
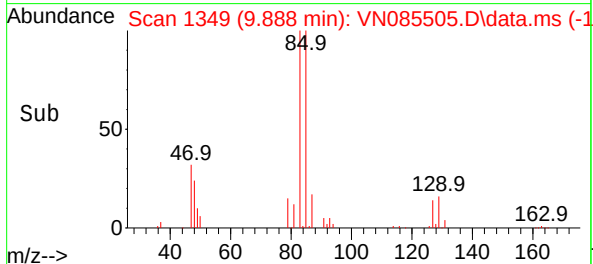
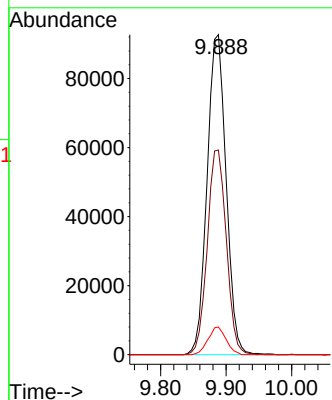
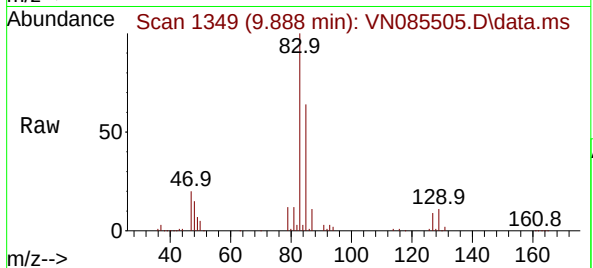
Tgt Ion: 83 Resp: 186947

Ion Ratio Lower Upper

83 100

85 64.0 51.2 76.8

127 8.7 6.5 9.7



#48

Methyl methacrylate

Concen: 56.144 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.005 min

Lab File: VN085505.D

Acq: 17 Jan 2025 19:36

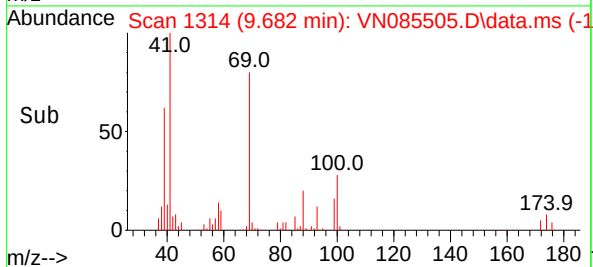
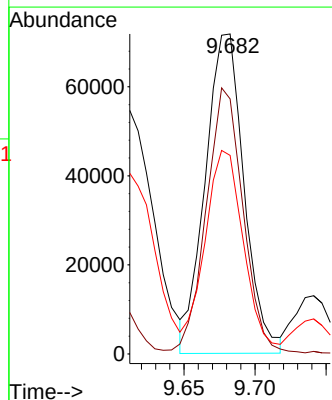
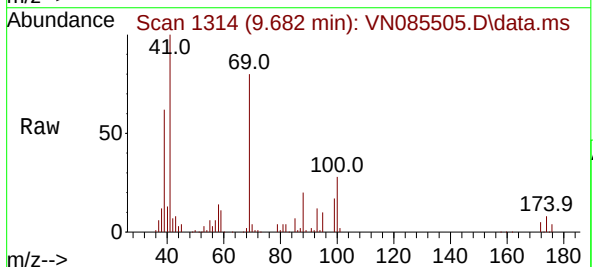
Tgt Ion: 41 Resp: 136121

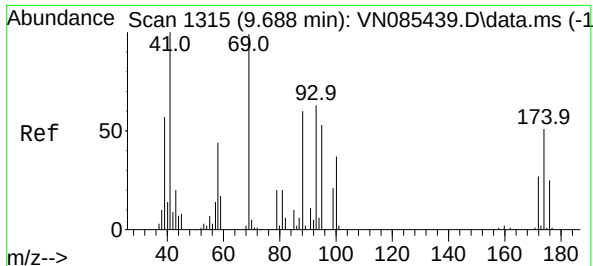
Ion Ratio Lower Upper

41 100

69 80.0 64.7 97.1

39 64.3 49.0 73.6

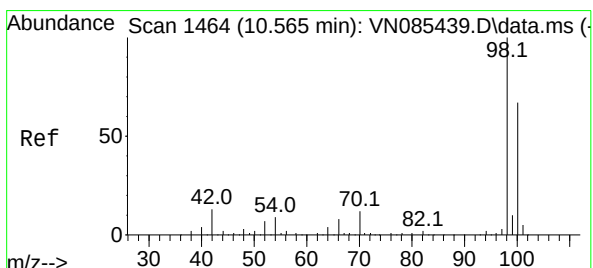
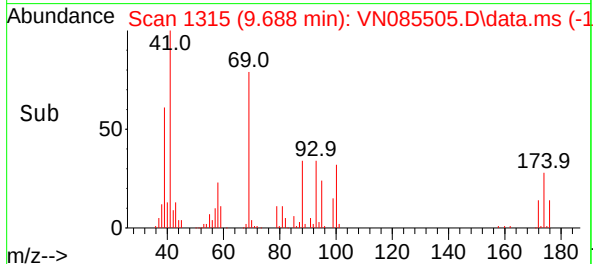
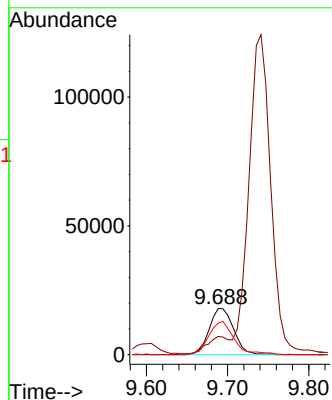
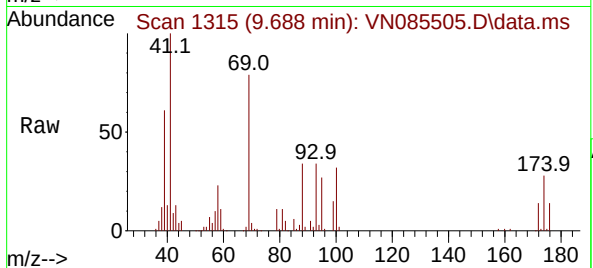




#49
1,4-Dioxane
Concen: 919.683 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN085505.D
Acq: 17 Jan 2025 19:36

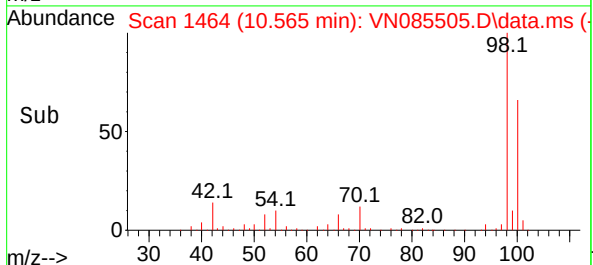
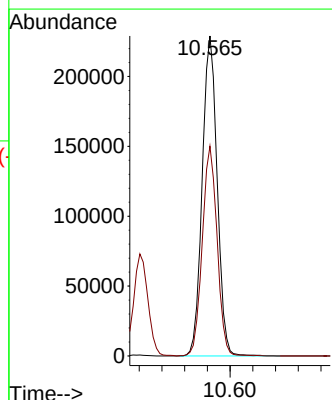
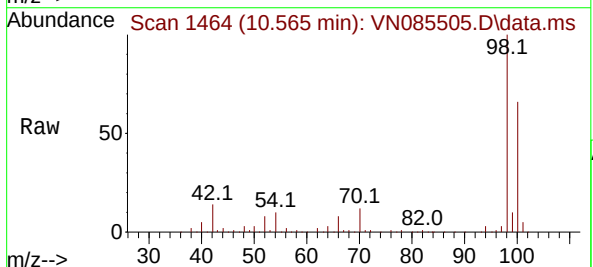
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

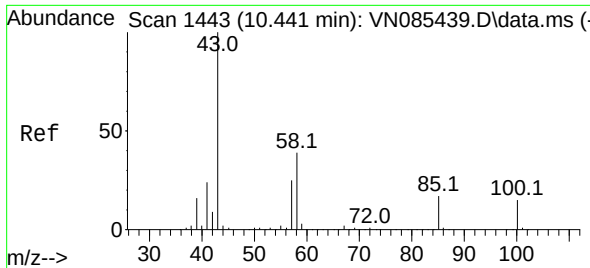
Tgt Ion: 88 Resp: 37549
Ion Ratio Lower Upper
88 100
43 36.0 26.6 39.8
58 74.9 59.5 89.3



#50
Toluene-d8
Concen: 49.561 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085505.D
Acq: 17 Jan 2025 19:36

Tgt Ion: 98 Resp: 417940
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4

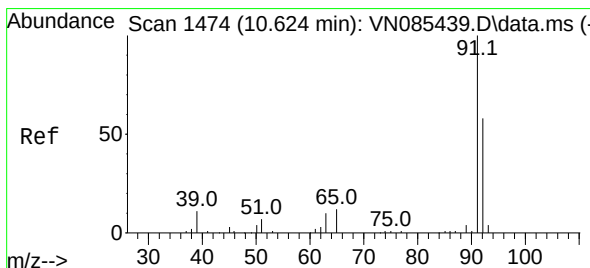
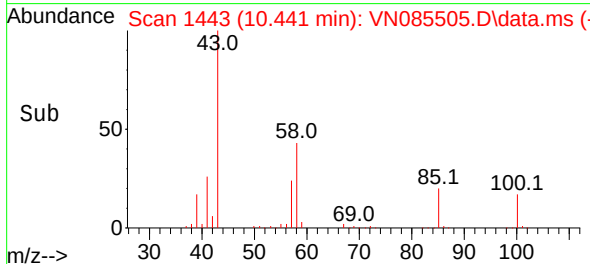
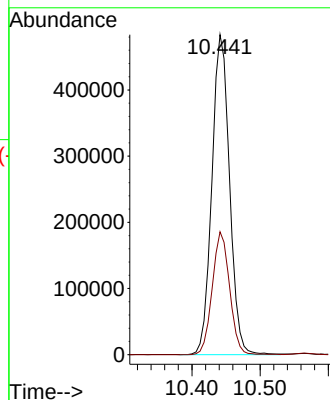
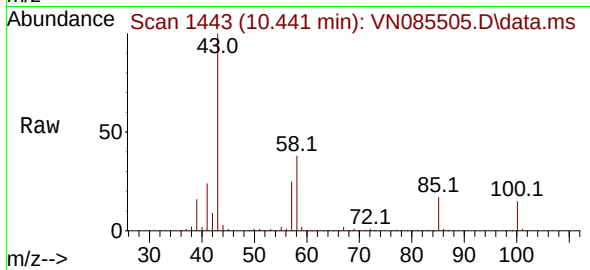




#51
4-Methyl-2-Pentanone
Concen: 279.338 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085505.D
Acq: 17 Jan 2025 19:36

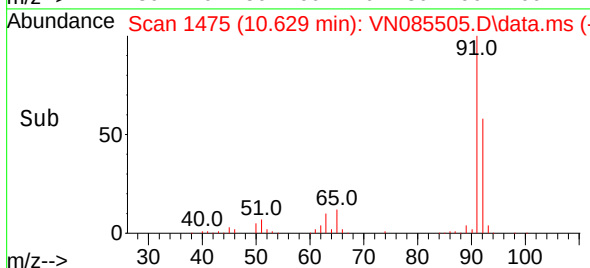
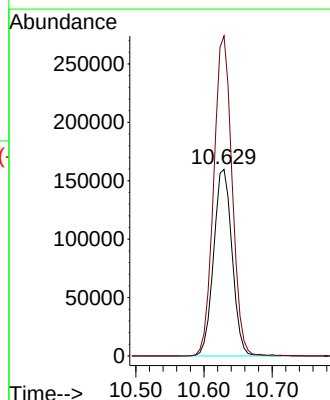
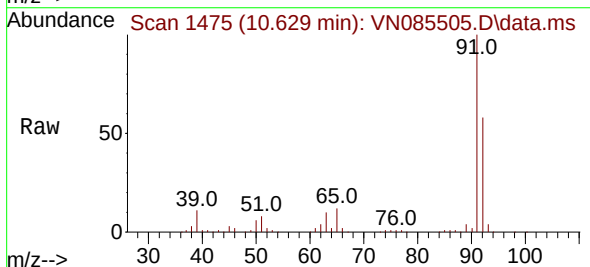
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

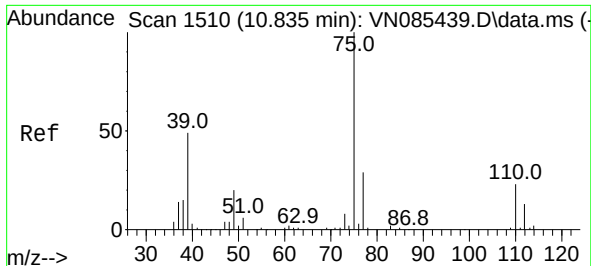
Tgt Ion: 43 Resp: 873294
Ion Ratio Lower Upper
43 100
58 37.6 30.5 45.7



#52
Toluene
Concen: 51.792 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.005 min
Lab File: VN085505.D
Acq: 17 Jan 2025 19:36

Tgt Ion: 92 Resp: 300358
Ion Ratio Lower Upper
92 100
91 170.8 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 52.320 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. -0.000 min

Lab File: VN085505.D

Acq: 17 Jan 2025 19:36

Instrument :

MSVOA_N

ClientSampleId :

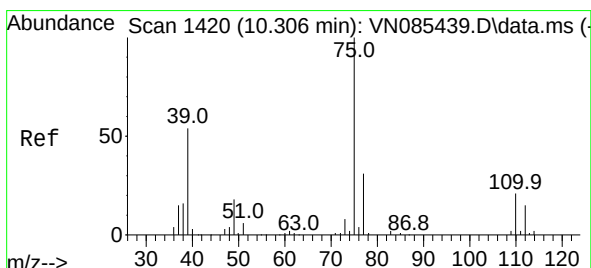
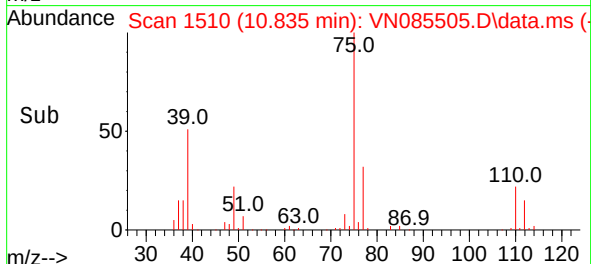
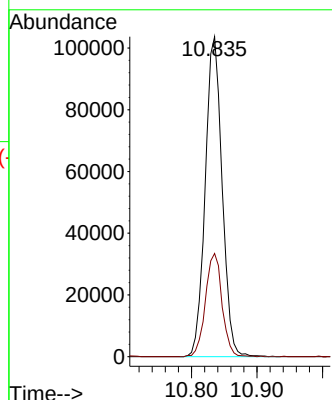
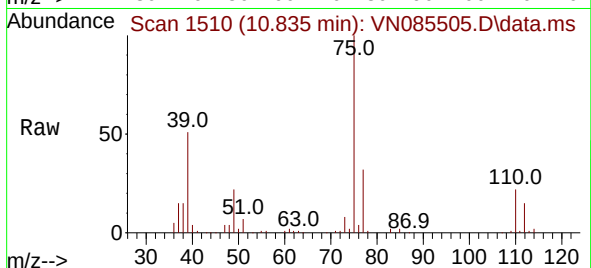
VSTDCCC050EC

Tgt Ion: 75 Resp: 185819

Ion Ratio Lower Upper

75 100

77 32.3 23.5 35.3



#54

cis-1,3-Dichloropropene

Concen: 52.079 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. 0.006 min

Lab File: VN085505.D

Acq: 17 Jan 2025 19:36

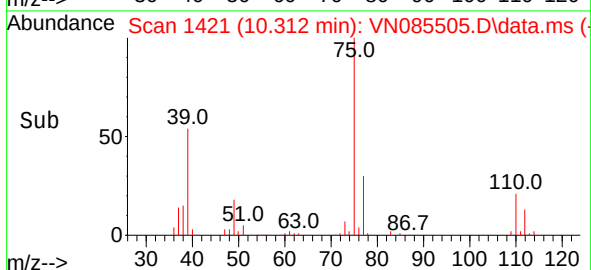
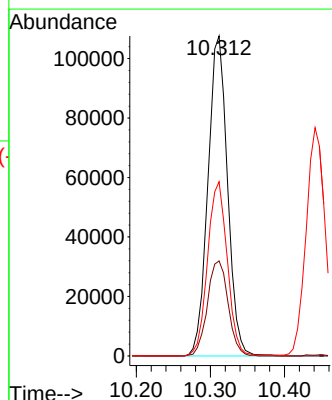
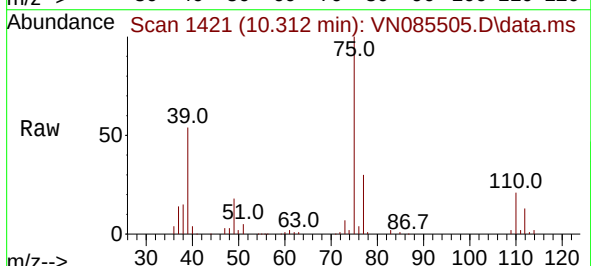
Tgt Ion: 75 Resp: 197573

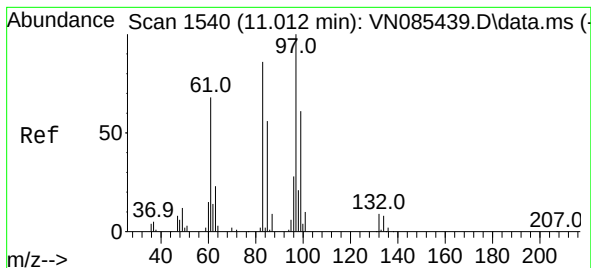
Ion Ratio Lower Upper

75 100

77 29.7 25.0 37.4

39 54.5 43.1 64.7





#55

1,1,2-Trichloroethane

Concen: 49.440 ug/l

RT: 11.018 min Scan# 1540

Delta R.T. 0.006 min

Lab File: VN085505.D

Acq: 17 Jan 2025 19:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 113467

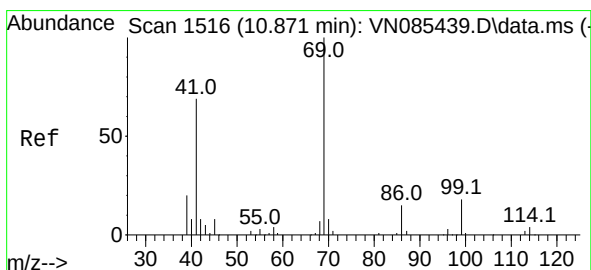
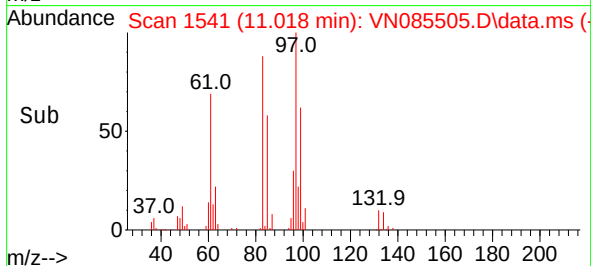
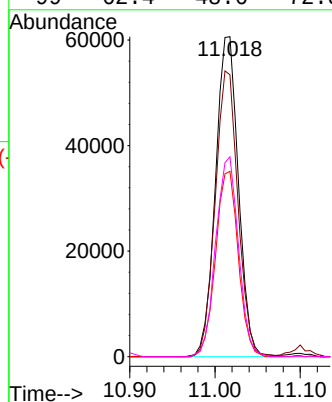
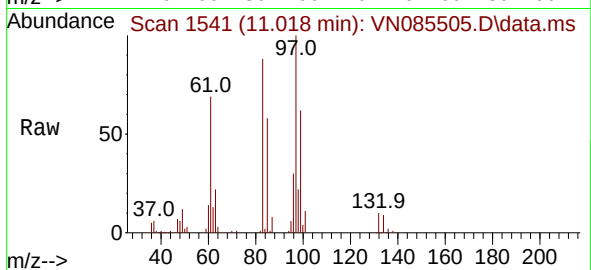
Ion Ratio Lower Upper

97 100

83 88.1 69.0 103.6

85 57.9 44.6 66.8

99 62.4 48.6 72.8



#56

Ethyl methacrylate

Concen: 48.472 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VN085505.D

Acq: 17 Jan 2025 19:36

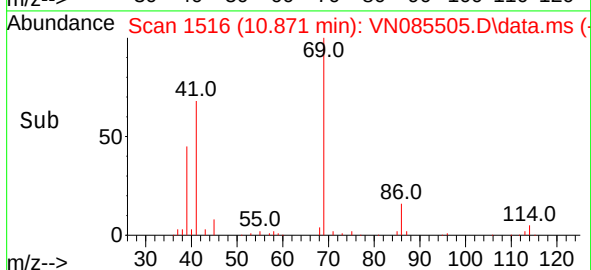
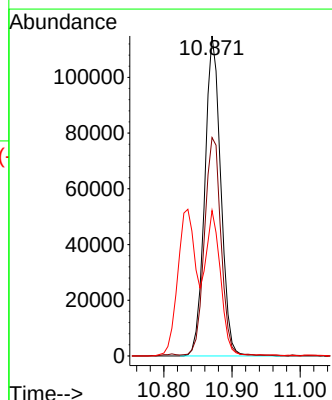
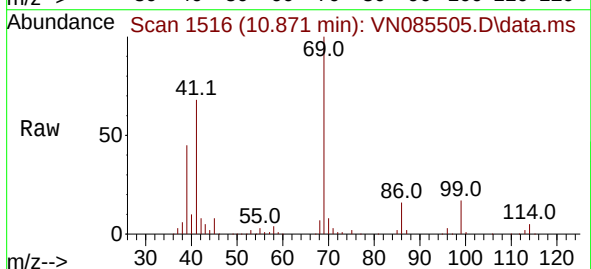
Tgt Ion: 69 Resp: 187164

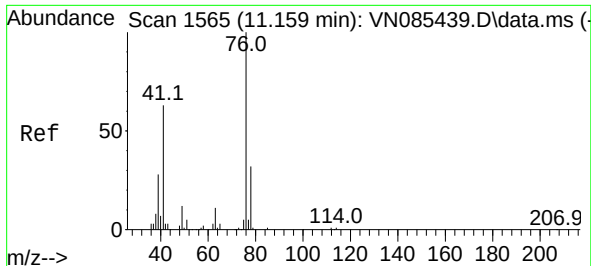
Ion Ratio Lower Upper

69 100

41 70.2 54.6 82.0

39 42.2 32.4 48.6





#57

1,3-Dichloropropane

Concen: 51.612 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN085505.D

Acq: 17 Jan 2025 19:36

Instrument :

MSVOA_N

ClientSampleId :

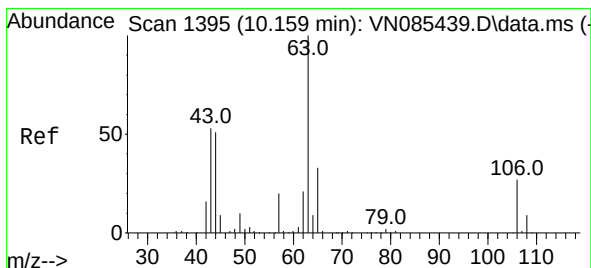
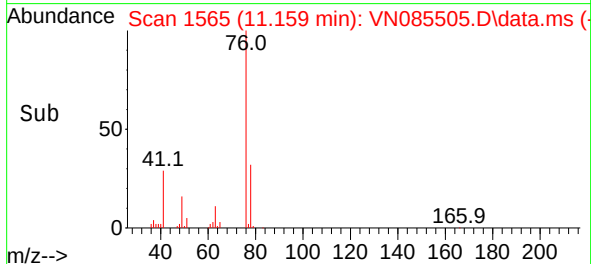
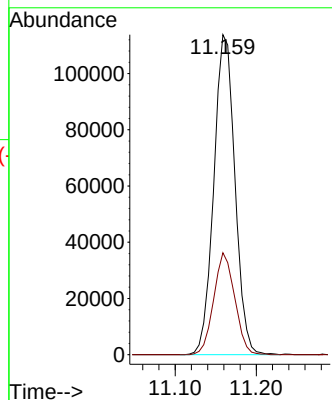
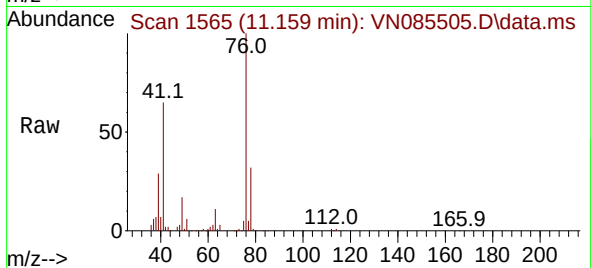
VSTDCCC050EC

Tgt Ion: 76 Resp: 205967

Ion Ratio Lower Upper

76 100

78 31.7 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 271.771 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN085505.D

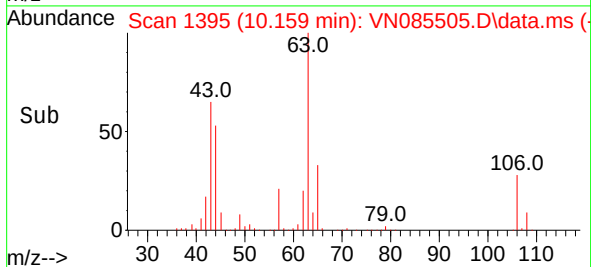
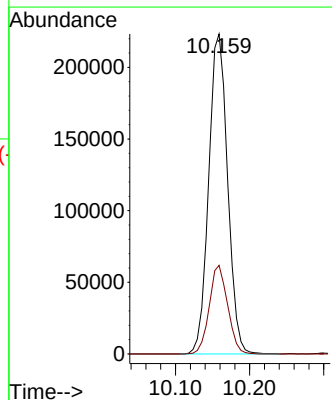
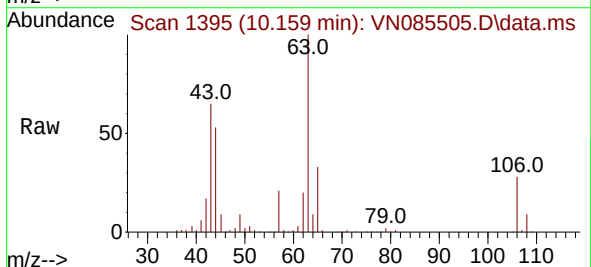
Acq: 17 Jan 2025 19:36

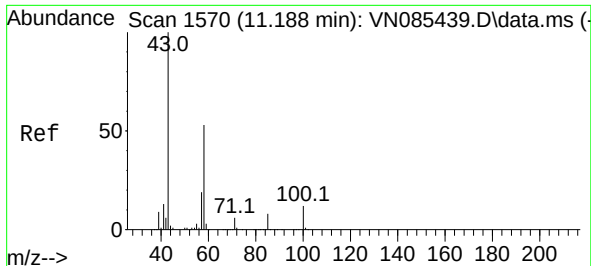
Tgt Ion: 63 Resp: 395818

Ion Ratio Lower Upper

63 100

106 26.9 21.6 32.4





#59

2-Hexanone

Concen: 286.196 ug/l

RT: 11.194 min Scan# 1571

Delta R.T. 0.006 min

Lab File: VN085505.D

Acq: 17 Jan 2025 19:36

Instrument :

MSVOA_N

ClientSampleId :

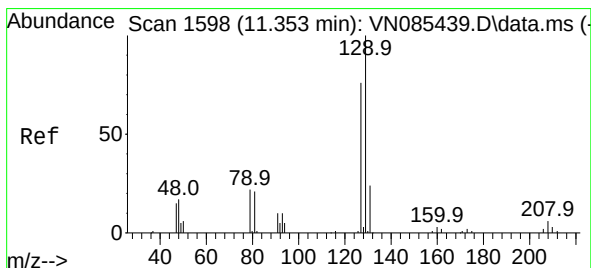
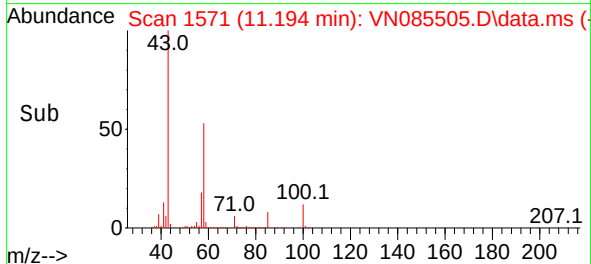
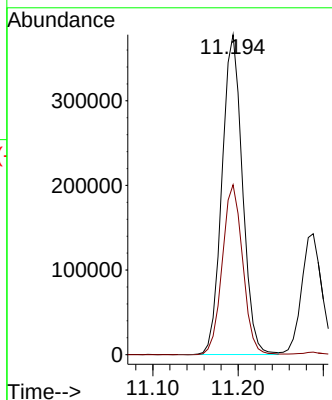
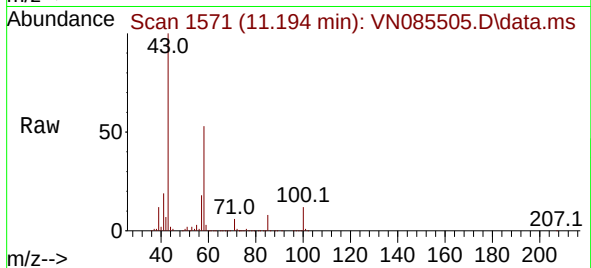
VSTDCCC050EC

Tgt Ion: 43 Resp: 629561

Ion Ratio Lower Upper

43 100

58 53.0 26.2 78.6



#60

Dibromochloromethane

Concen: 49.905 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. 0.006 min

Lab File: VN085505.D

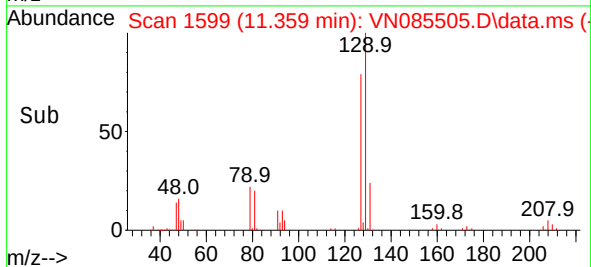
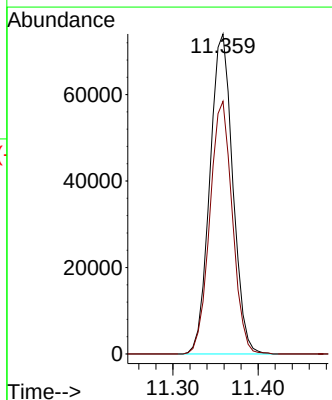
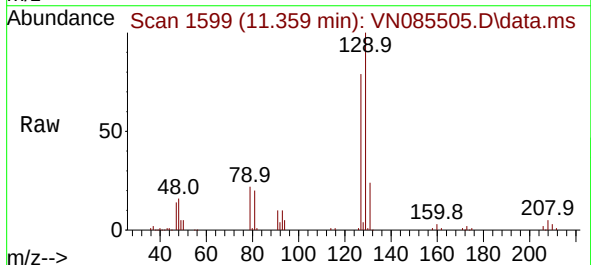
Acq: 17 Jan 2025 19:36

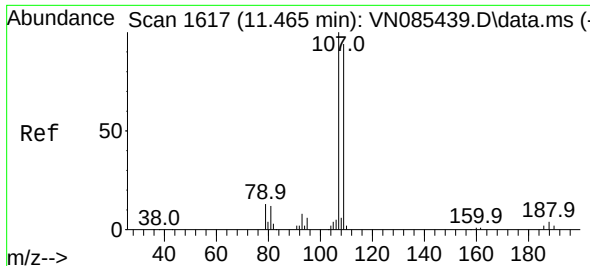
Tgt Ion:129 Resp: 138276

Ion Ratio Lower Upper

129 100

127 77.5 38.6 115.8

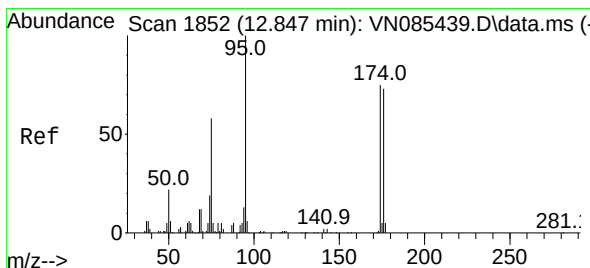
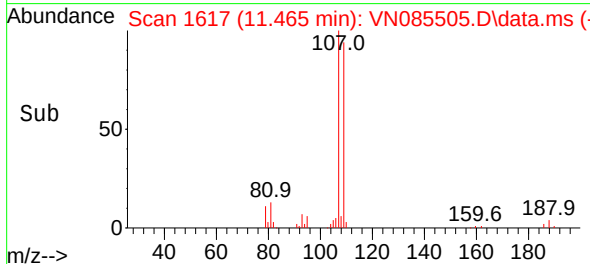
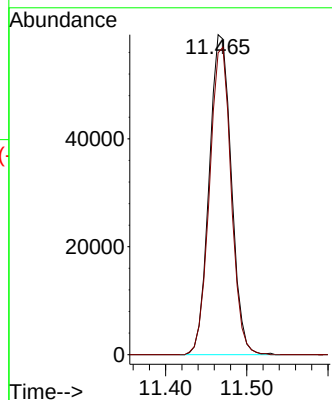
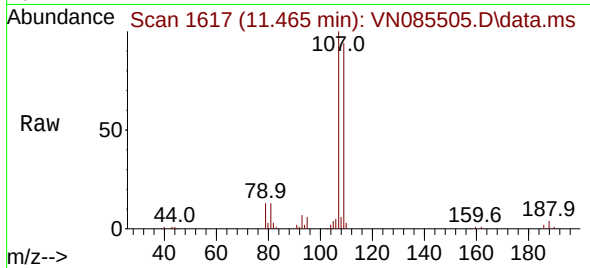




#61
1,2-Dibromoethane
Concen: 49.201 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085505.D
Acq: 17 Jan 2025 19:36

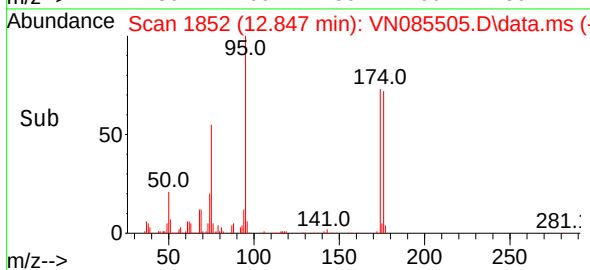
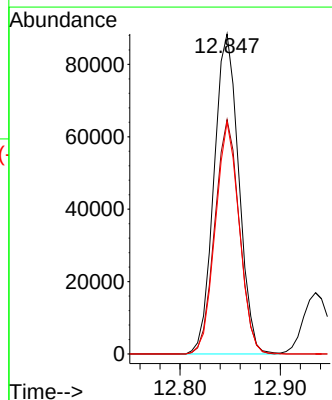
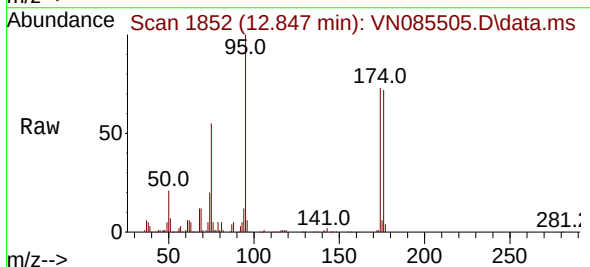
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

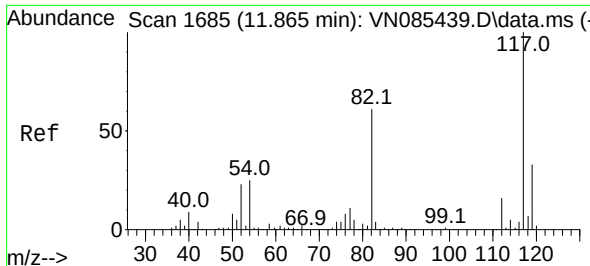
Tgt Ion:107 Resp: 112402
Ion Ratio Lower Upper
107 100
109 93.9 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 52.548 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085505.D
Acq: 17 Jan 2025 19:36

Tgt Ion: 95 Resp: 151584
Ion Ratio Lower Upper
95 100
174 72.1 0.0 145.0
176 69.7 0.0 142.4

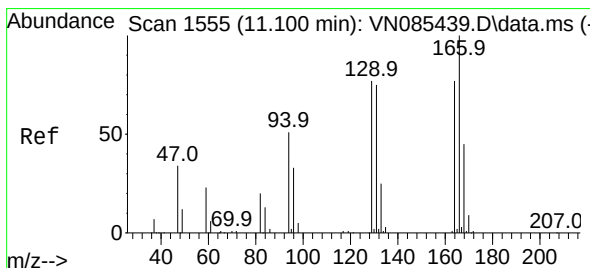
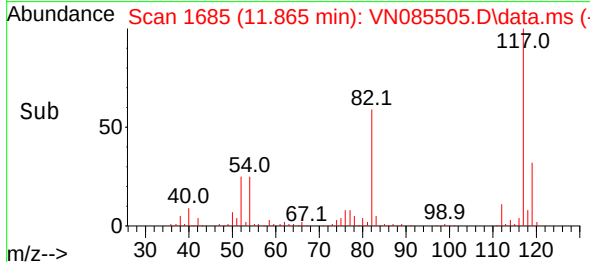
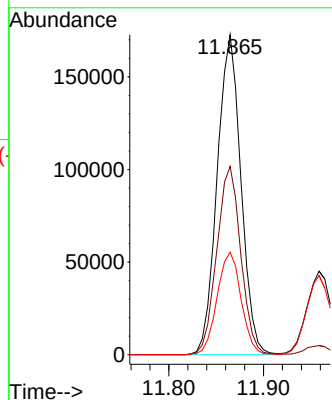
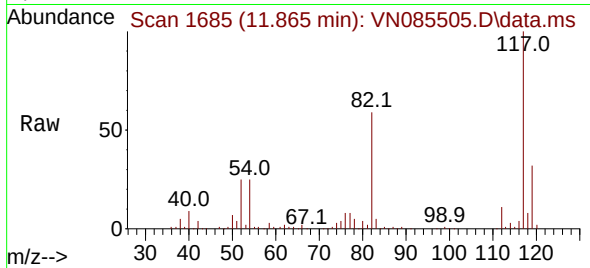




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN085505.D
Acq: 17 Jan 2025 19:36

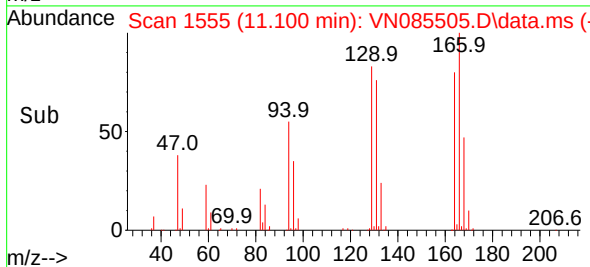
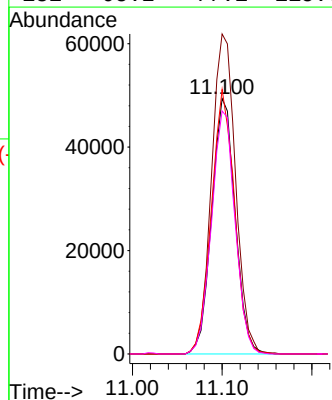
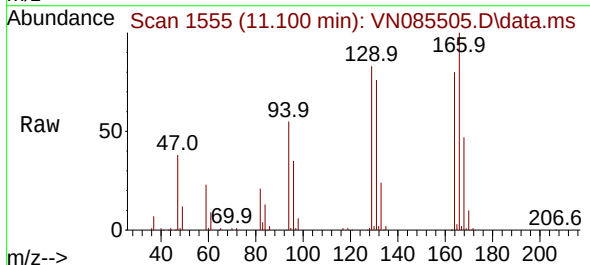
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

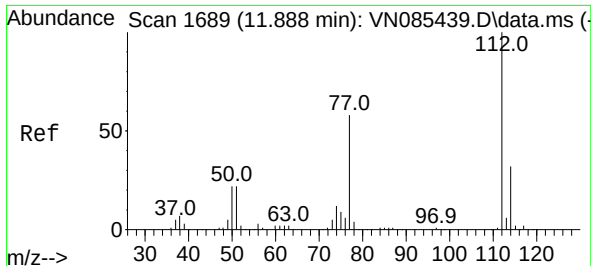
Tgt Ion:117 Resp: 301432
Ion Ratio Lower Upper
117 100
82 58.8 48.6 72.8
119 32.0 26.6 39.8



#64
Tetrachloroethene
Concen: 43.458 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085505.D
Acq: 17 Jan 2025 19:36

Tgt Ion:164 Resp: 89304
Ion Ratio Lower Upper
164 100
166 125.3 103.4 155.2
129 103.5 79.2 118.8
131 95.2 77.1 115.7





#65

Chlorobenzene

Concen: 48.437 ug/l

RT: 11.888 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN085505.D

Acq: 17 Jan 2025 19:36

Instrument :

MSVOA_N

ClientSampleId :

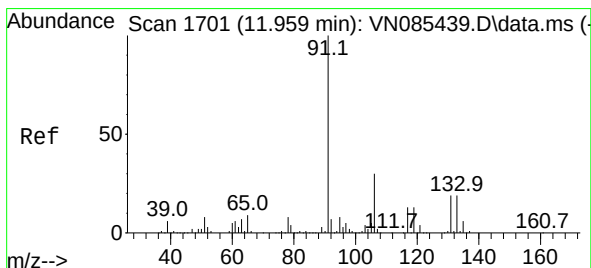
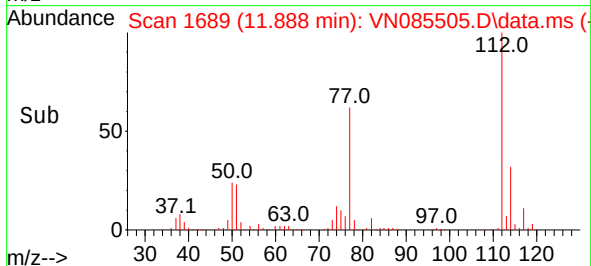
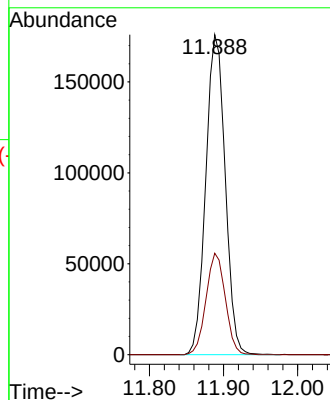
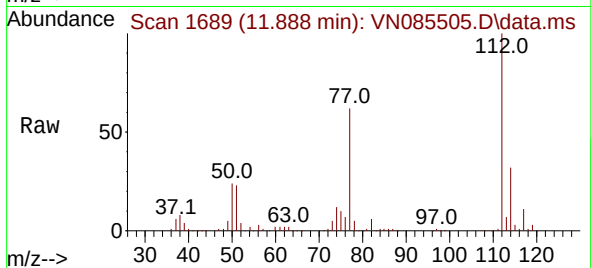
VSTDCCC050EC

Tgt Ion:112 Resp: 319848

Ion Ratio Lower Upper

112 100

114 31.7 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 48.904 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN085505.D

Acq: 17 Jan 2025 19:36

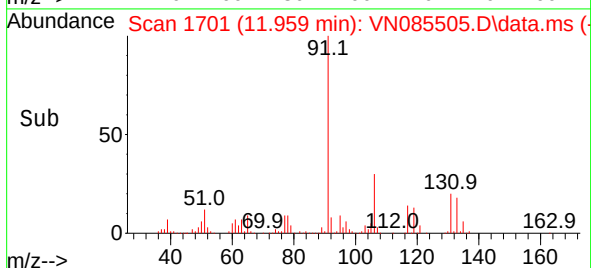
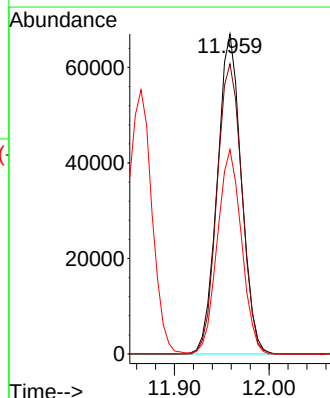
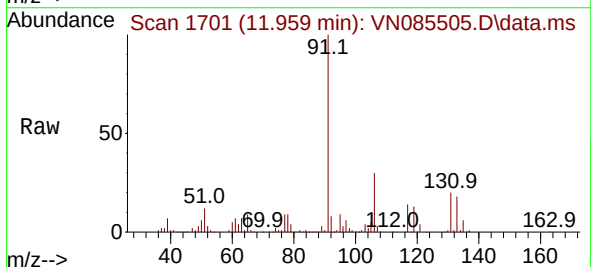
Tgt Ion:131 Resp: 118521

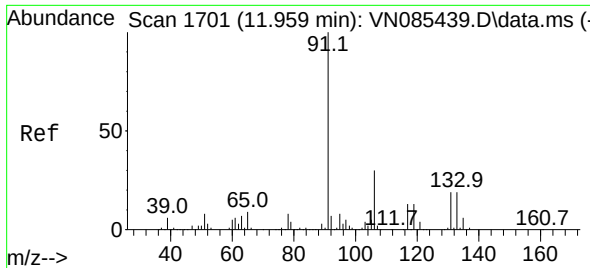
Ion Ratio Lower Upper

131 100

133 93.7 47.4 142.3

119 64.1 33.1 99.5

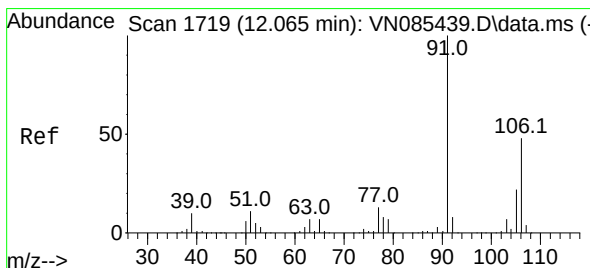
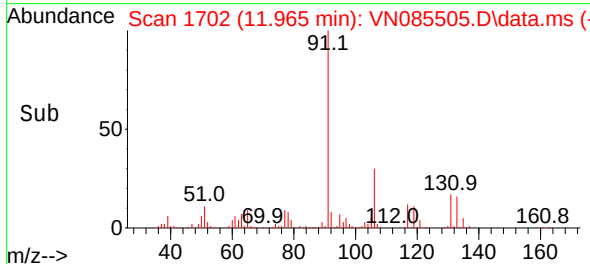
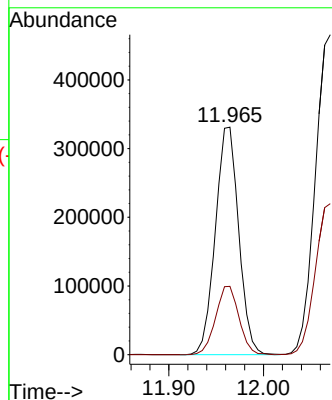
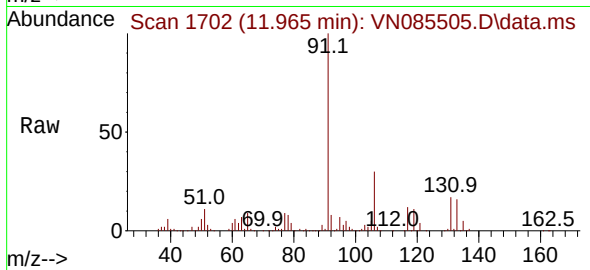




#67
Ethyl Benzene
Concen: 52.861 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN085505.D
Acq: 17 Jan 2025 19:36

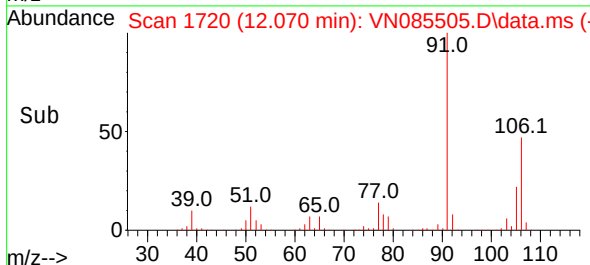
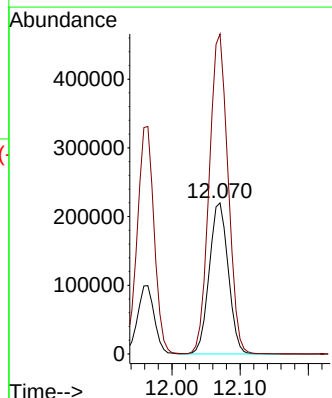
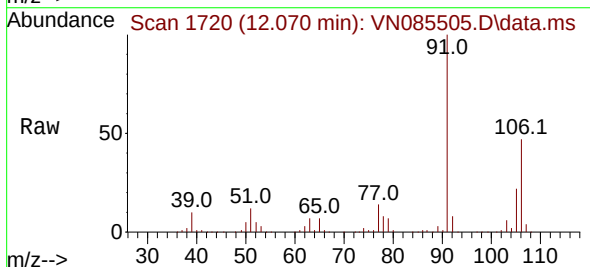
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

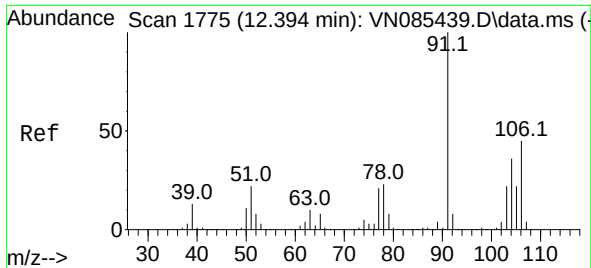
Tgt Ion: 91 Resp: 568526
Ion Ratio Lower Upper
91 100
106 30.1 23.8 35.8



#68
m/p-Xylenes
Concen: 107.167 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085505.D
Acq: 17 Jan 2025 19:36

Tgt Ion:106 Resp: 425982
Ion Ratio Lower Upper
106 100
91 210.2 167.7 251.5

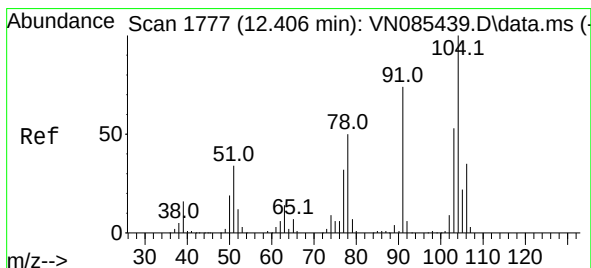
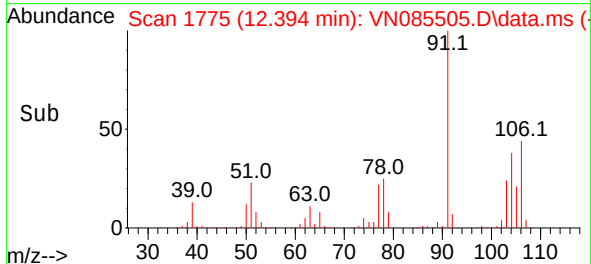
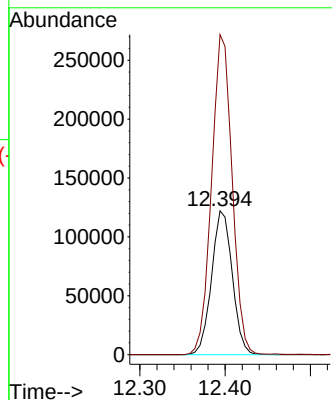
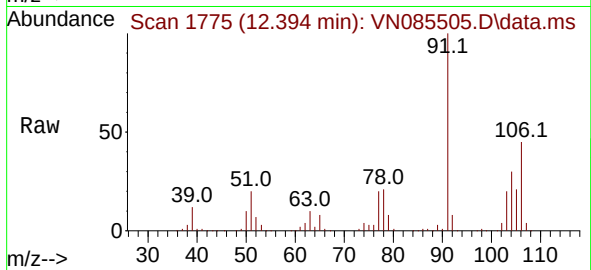




#69
o-Xylene
Concen: 54.282 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085505.D
Acq: 17 Jan 2025 19:36

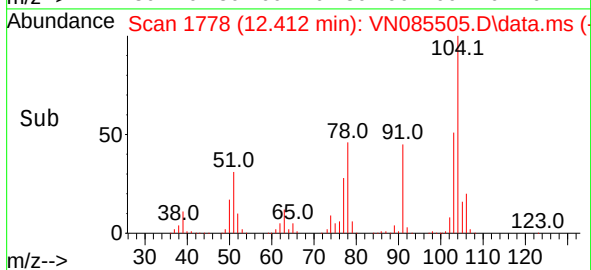
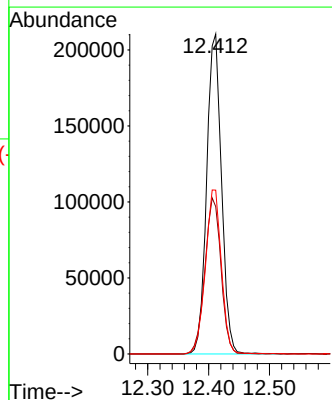
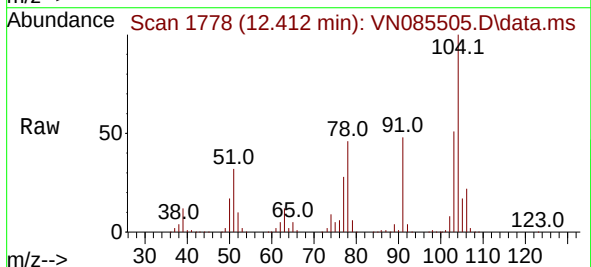
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

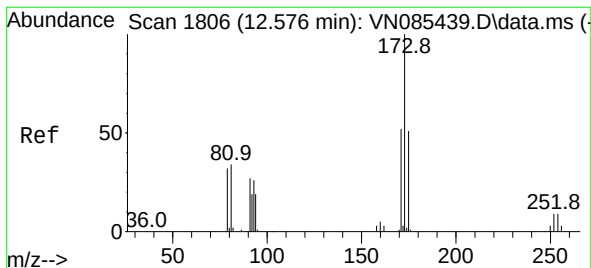
Tgt Ion:106 Resp: 206201
Ion Ratio Lower Upper
106 100
91 221.3 110.4 331.2



#70
Styrene
Concen: 56.639 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085505.D
Acq: 17 Jan 2025 19:36

Tgt Ion:104 Resp: 356078
Ion Ratio Lower Upper
104 100
78 53.0 42.5 63.7
103 55.1 43.8 65.8





#71

Bromoform

Concen: 53.148 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN085505.D

Acq: 17 Jan 2025 19:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

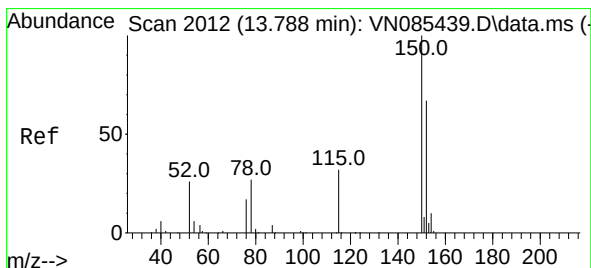
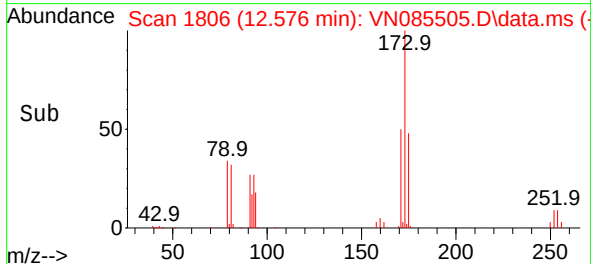
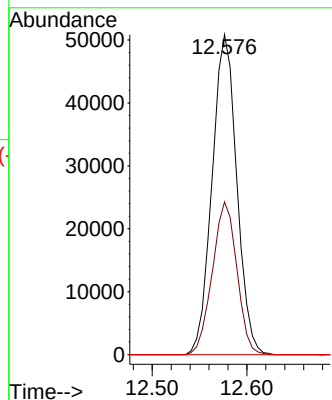
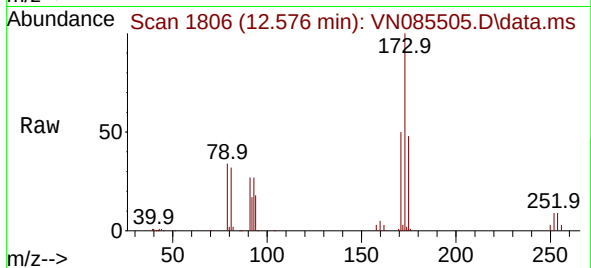
Tgt Ion:173 Resp: 92165

Ion Ratio Lower Upper

173 100

175 47.4 24.4 73.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN085505.D

Acq: 17 Jan 2025 19:36

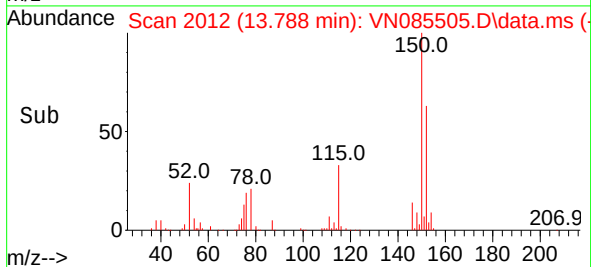
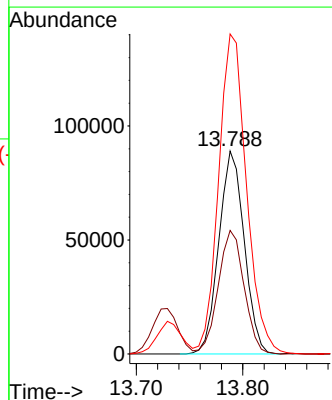
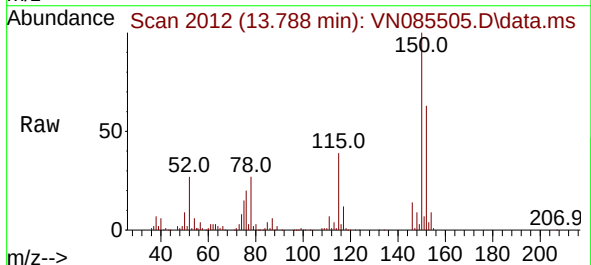
Tgt Ion:152 Resp: 147458

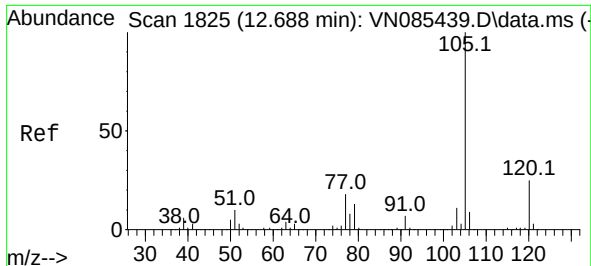
Ion Ratio Lower Upper

152 100

115 61.9 31.1 93.3

150 173.1 0.0 343.6

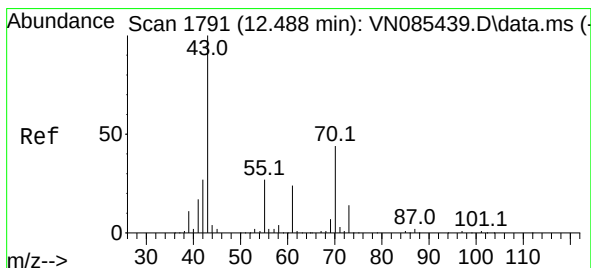
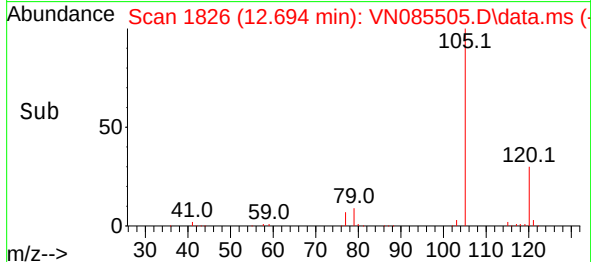
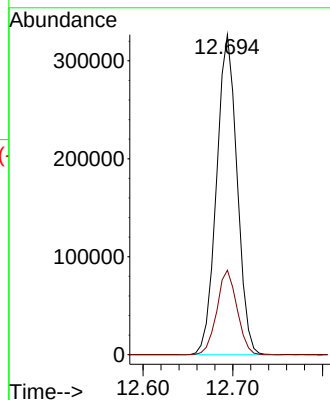
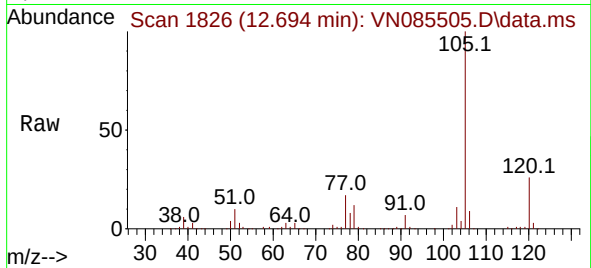




#73
Isopropylbenzene
Concen: 52.102 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085505.D
Acq: 17 Jan 2025 19:36

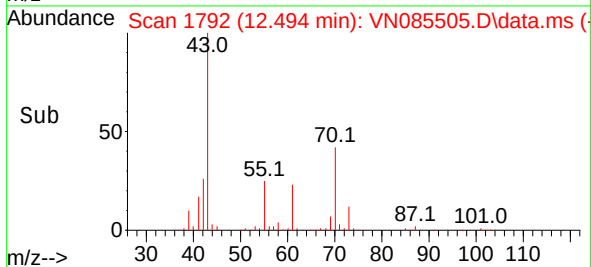
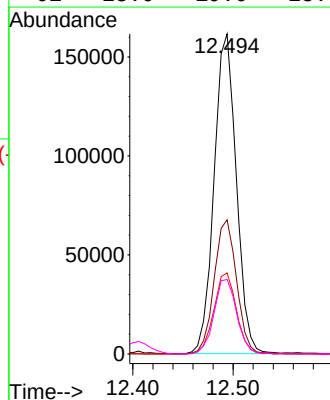
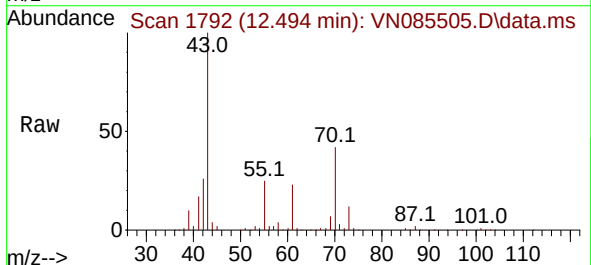
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

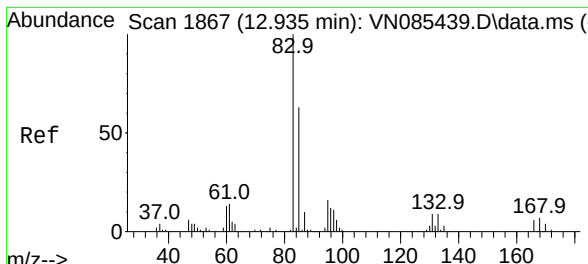
Tgt Ion:105 Resp: 518528
Ion Ratio Lower Upper
105 100
120 25.9 12.8 38.3



#74
N-ethyl acetate
Concen: 55.456 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN085505.D
Acq: 17 Jan 2025 19:36

Tgt Ion: 43 Resp: 248070
Ion Ratio Lower Upper
43 100
70 42.4 34.0 51.0
55 26.0 21.4 32.2
61 23.9 19.0 28.4

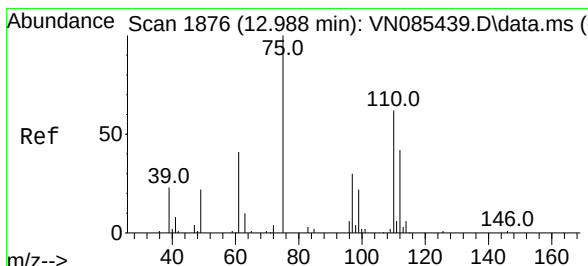
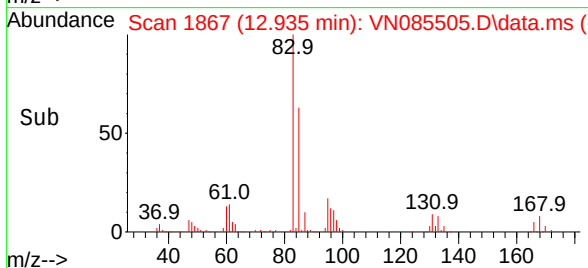
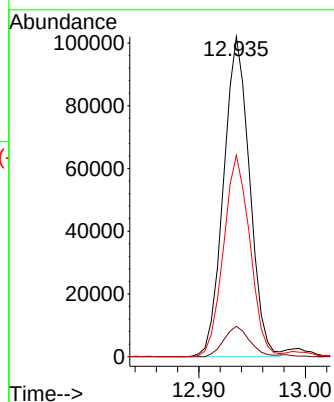
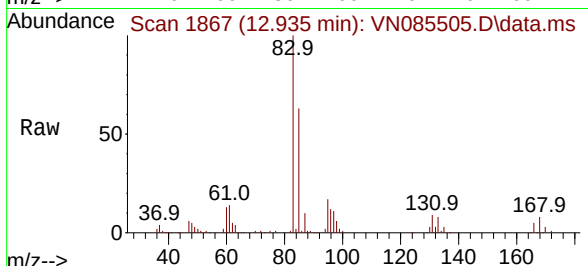




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.256 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VN085505.D
 Acq: 17 Jan 2025 19:36

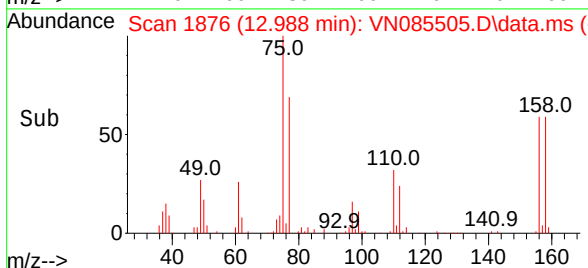
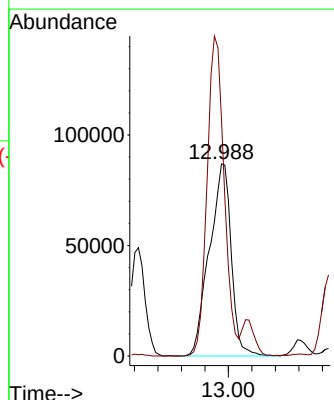
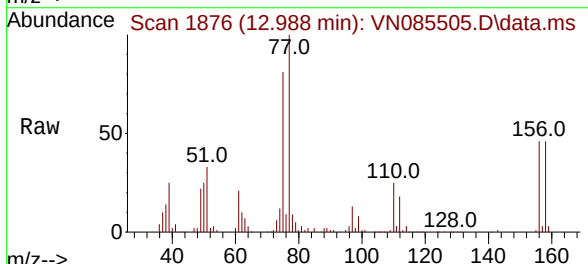
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

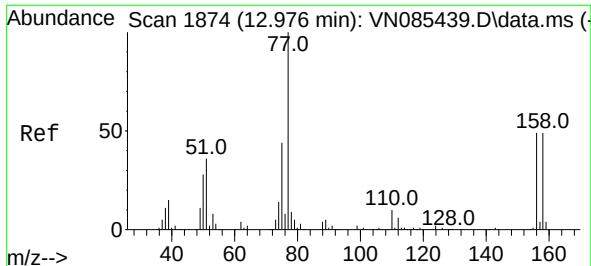
Tgt Ion: 83 Resp: 173160
 Ion Ratio Lower Upper
 83 100
 131 9.7 4.8 14.4
 85 63.7 32.2 96.6



#76
 1,2,3-Trichloropropane
 Concen: 74.730 ug/l
 RT: 12.988 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: VN085505.D
 Acq: 17 Jan 2025 19:36

Tgt Ion: 75 Resp: 223975
 Ion Ratio Lower Upper
 75 100
 77 130.7 109.7 329.2

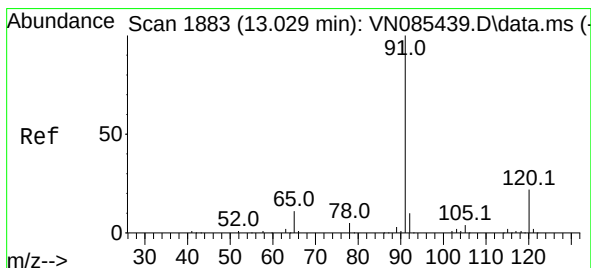
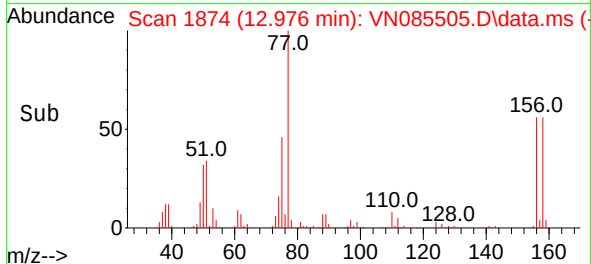
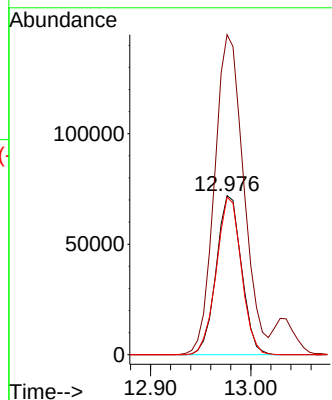
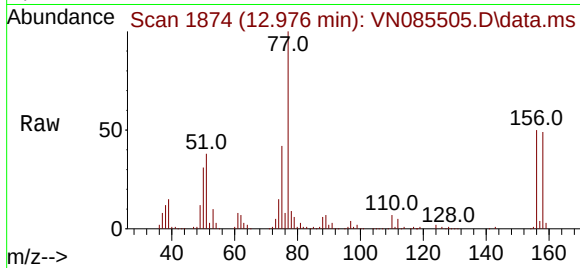




#77
Bromobenzene
Concen: 48.350 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085505.D
Acq: 17 Jan 2025 19:36

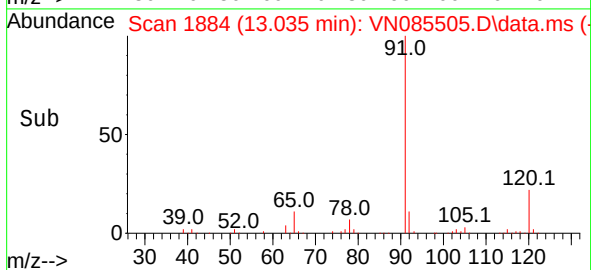
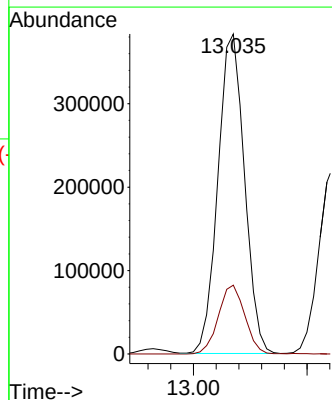
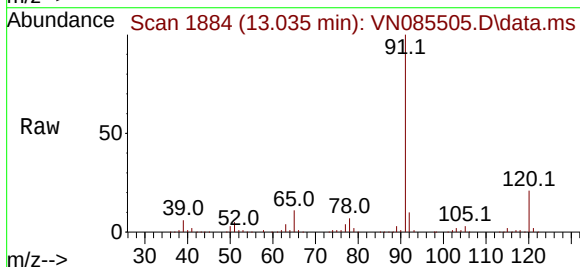
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

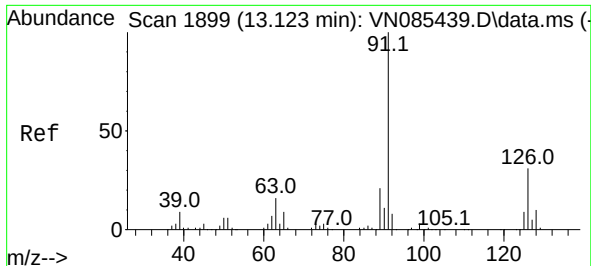
Tgt Ion:156 Resp: 125717
Ion Ratio Lower Upper
156 100
77 232.8 114.1 342.4
158 98.2 48.9 146.8



#78
n-propylbenzene
Concen: 52.766 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085505.D
Acq: 17 Jan 2025 19:36

Tgt Ion: 91 Resp: 621677
Ion Ratio Lower Upper
91 100
120 21.4 10.9 32.6





#79

2-Chlorotoluene

Concen: 50.165 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VN085505.D

Acq: 17 Jan 2025 19:36

Instrument :

MSVOA_N

ClientSampleId :

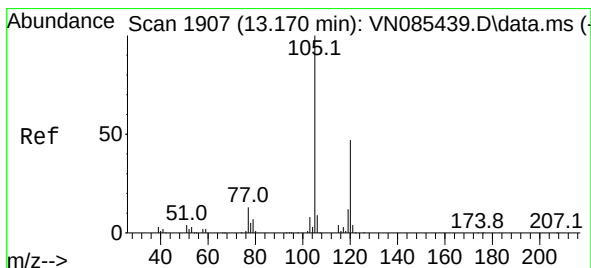
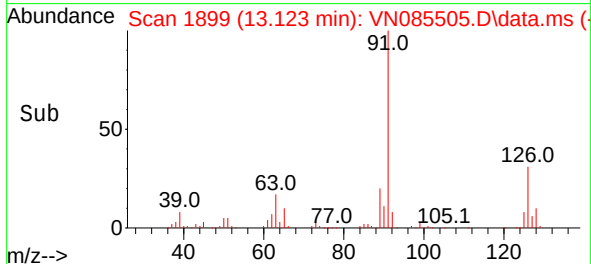
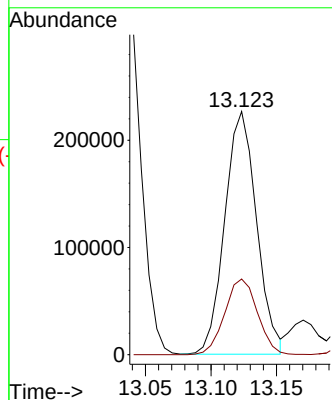
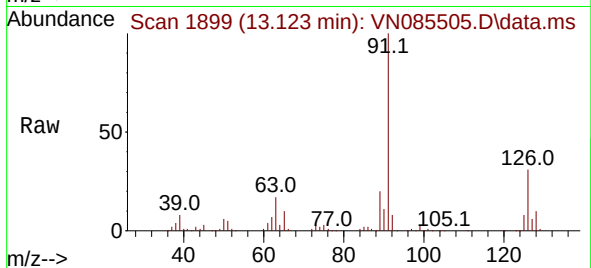
VSTDCCC050EC

Tgt Ion: 91 Resp: 382510

Ion Ratio Lower Upper

91 100

126 32.1 15.7 47.1



#80

1,3,5-Trimethylbenzene

Concen: 53.425 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN085505.D

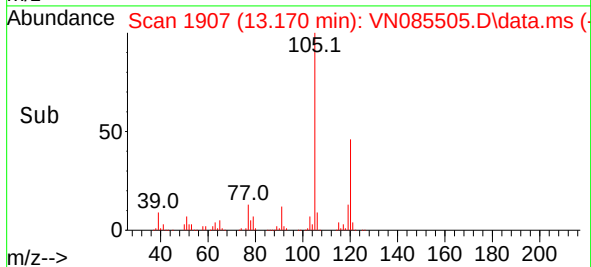
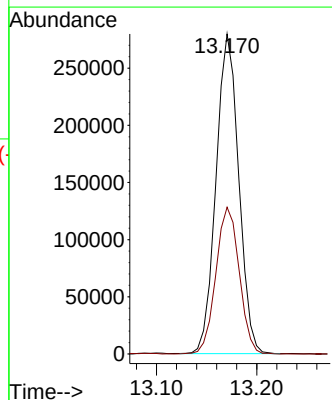
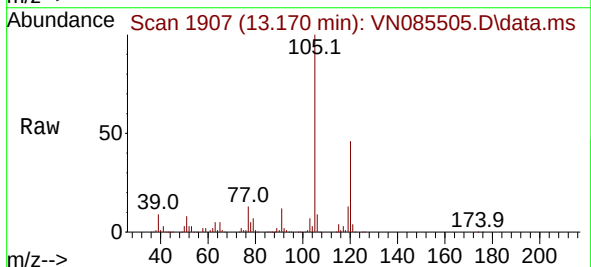
Acq: 17 Jan 2025 19:36

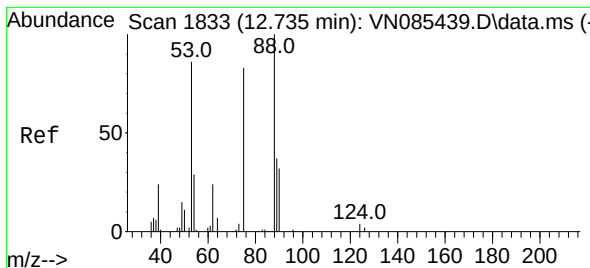
Tgt Ion:105 Resp: 439181

Ion Ratio Lower Upper

105 100

120 47.3 23.9 71.7

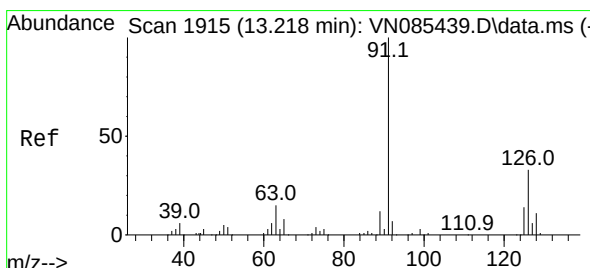
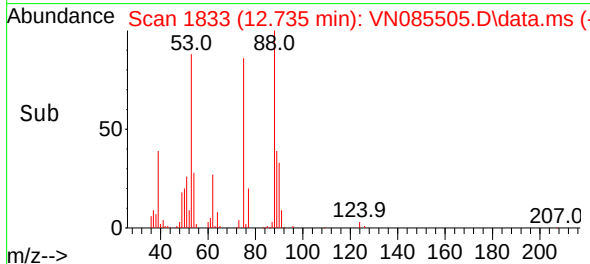
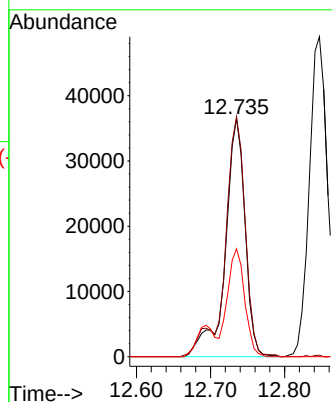
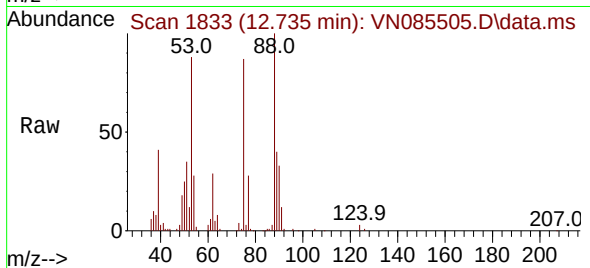




#81
trans-1,4-Dichloro-2-butene
Concen: 61.039 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085505.D
Acq: 17 Jan 2025 19:36

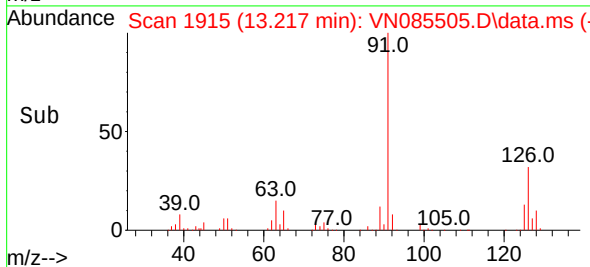
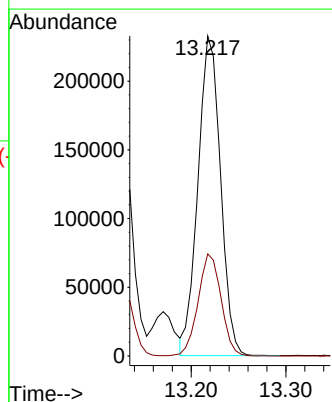
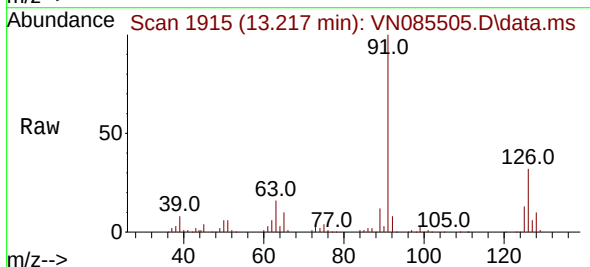
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

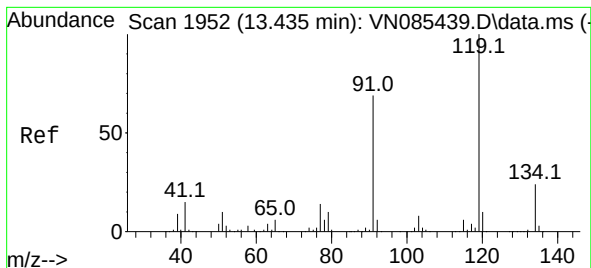
Tgt Ion: 75 Resp: 67616
Ion Ratio Lower Upper
75 100
53 92.9 95.6 143.4#
89 39.0 37.0 55.6



#82
4-Chlorotoluene
Concen: 50.871 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085505.D
Acq: 17 Jan 2025 19:36

Tgt Ion: 91 Resp: 386219
Ion Ratio Lower Upper
91 100
126 32.4 15.9 47.7





#83

tert-Butylbenzene

Concen: 51.981 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN085505.D

Acq: 17 Jan 2025 19:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

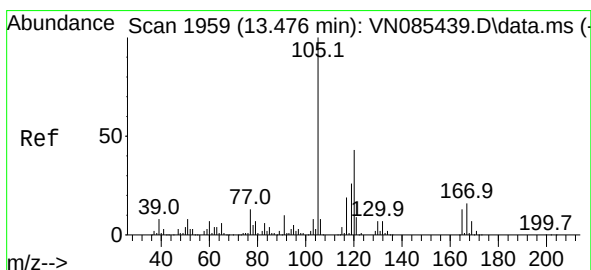
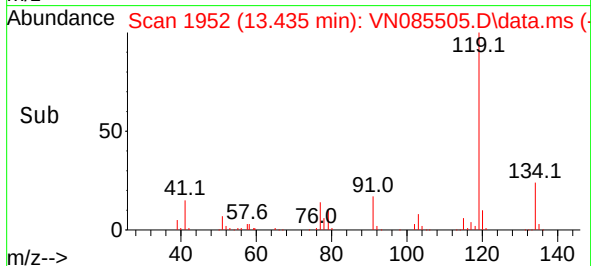
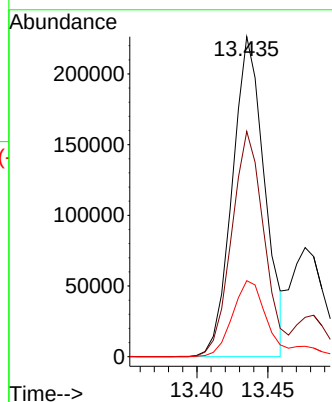
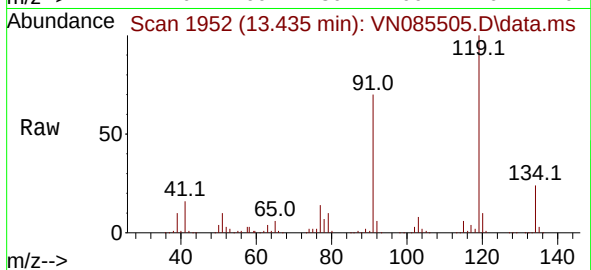
Tgt Ion:119 Resp: 358844

Ion Ratio Lower Upper

119 100

91 71.1 35.1 105.3

134 27.3 12.0 36.1



#84

1,2,4-Trimethylbenzene

Concen: 54.275 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN085505.D

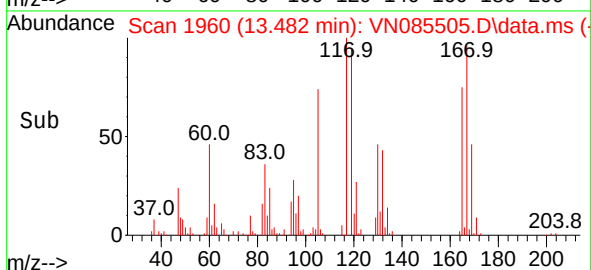
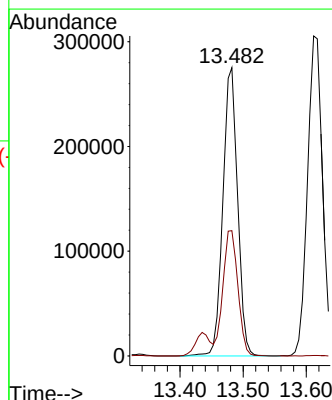
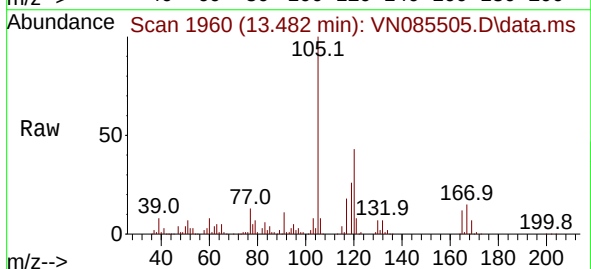
Acq: 17 Jan 2025 19:36

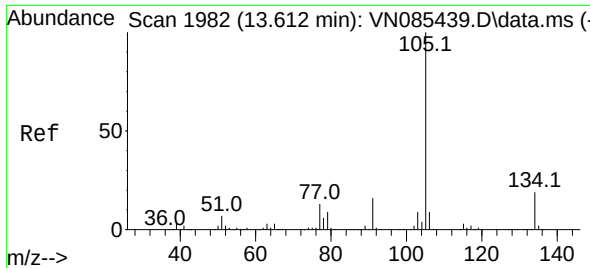
Tgt Ion:105 Resp: 444686

Ion Ratio Lower Upper

105 100

120 44.2 21.6 65.0

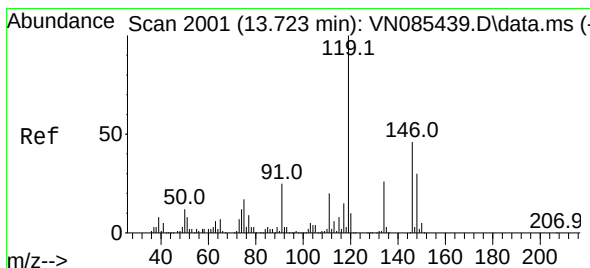
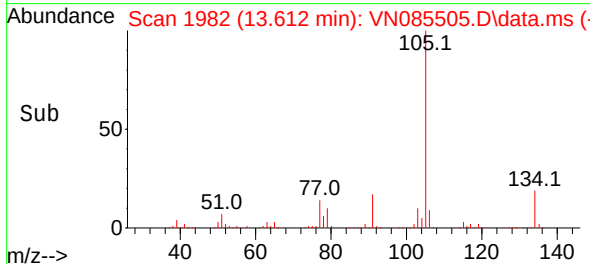
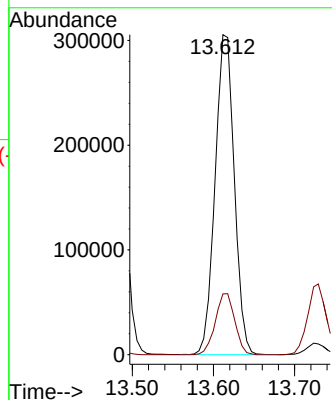
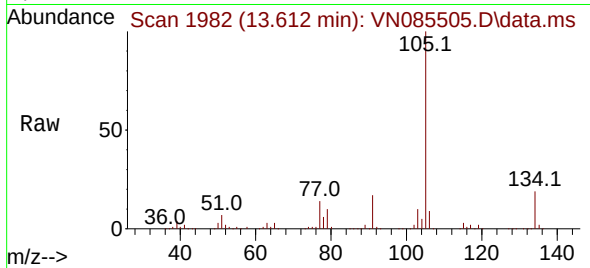




#85
 sec-Butylbenzene
 Concen: 52.613 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085505.D
 Acq: 17 Jan 2025 19:36

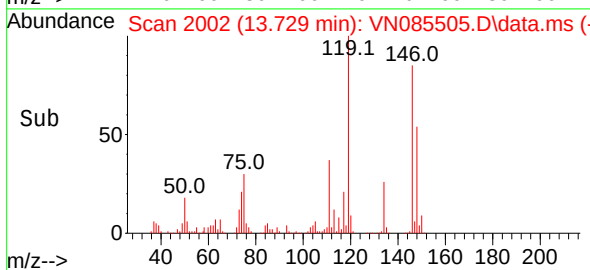
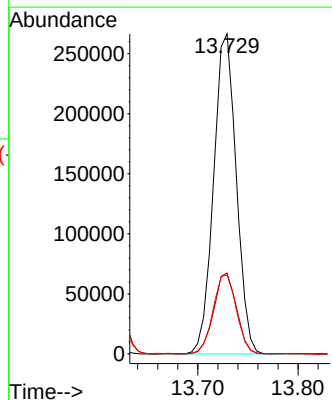
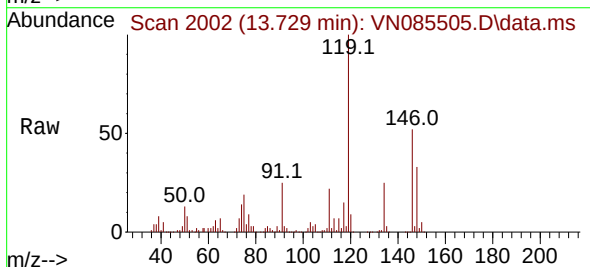
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

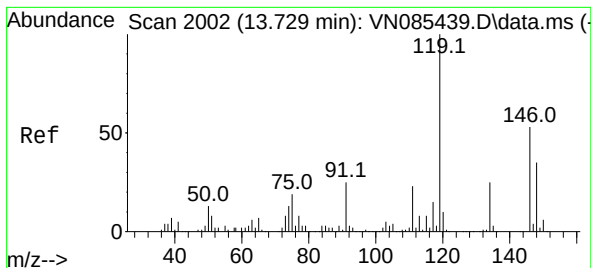
Tgt Ion:105 Resp: 503398
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 48.806 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085505.D
 Acq: 17 Jan 2025 19:36

Tgt Ion:119 Resp: 419259
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.7 38.0
 91 25.3 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 47.612 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN085505.D

Acq: 17 Jan 2025 19:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

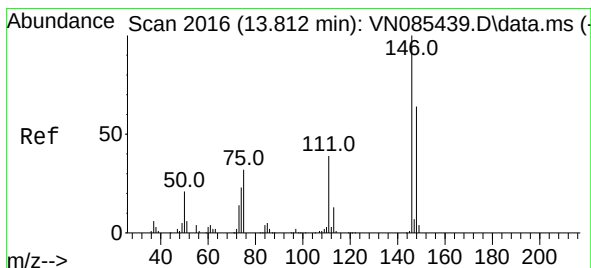
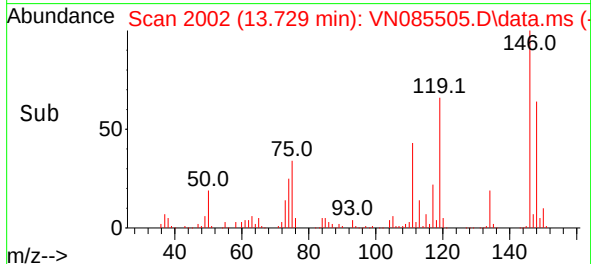
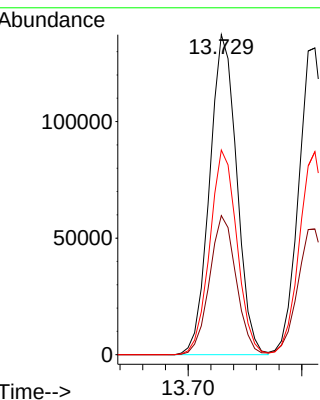
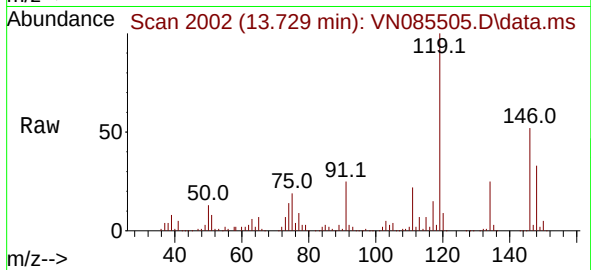
Tgt Ion:146 Resp: 227986

Ion Ratio Lower Upper

146 100

111 42.8 21.4 64.3

148 64.0 32.3 96.9



#88

1,4-Dichlorobenzene

Concen: 45.474 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN085505.D

Acq: 17 Jan 2025 19:36

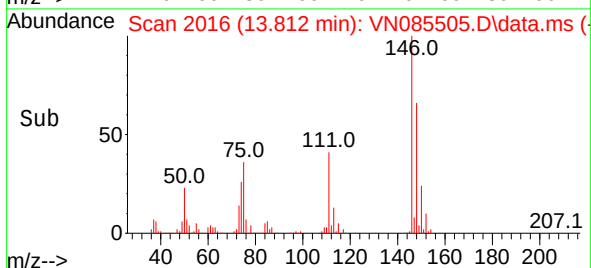
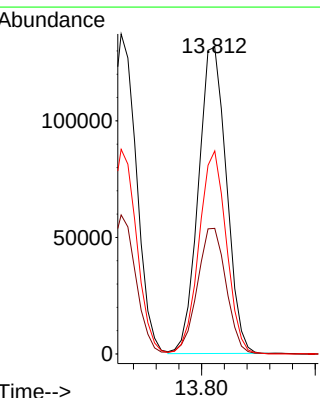
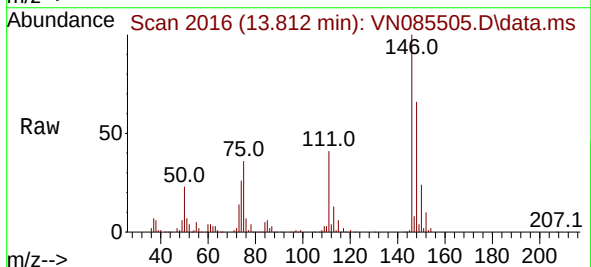
Tgt Ion:146 Resp: 225704

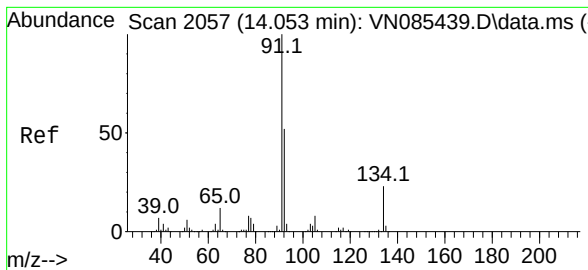
Ion Ratio Lower Upper

146 100

111 42.2 21.3 63.7

148 64.6 32.4 97.0

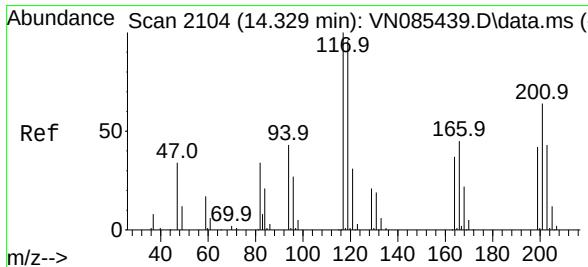
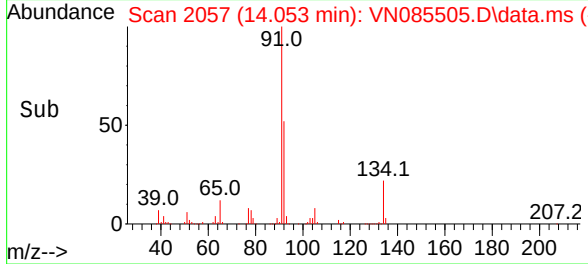
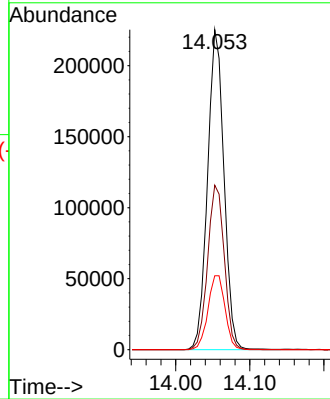
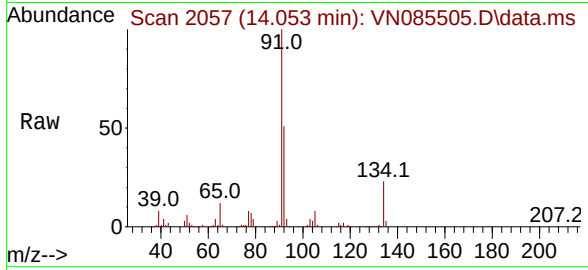




#89
n-Butylbenzene
Concen: 50.409 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085505.D
Acq: 17 Jan 2025 19:36

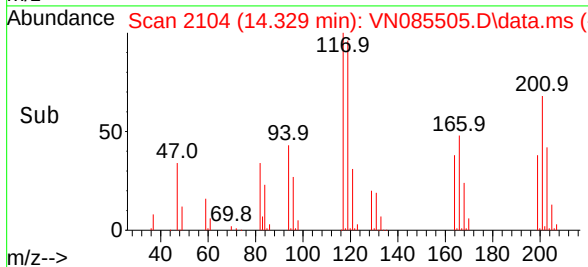
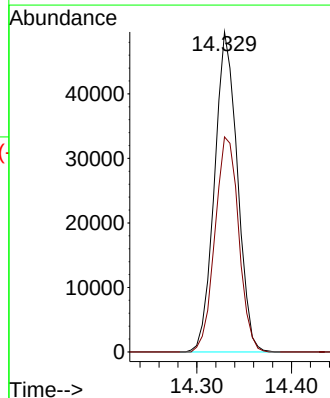
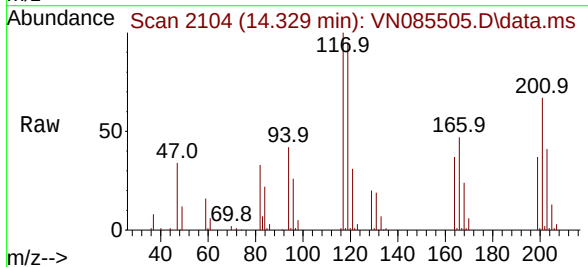
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

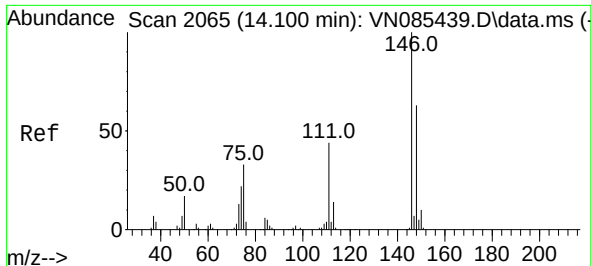
Tgt Ion: 91 Resp: 346010
Ion Ratio Lower Upper
91 100
92 52.2 25.8 77.3
134 24.1 11.7 35.1



#90
Hexachloroethane
Concen: 45.760 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085505.D
Acq: 17 Jan 2025 19:36

Tgt Ion: 117 Resp: 83350
Ion Ratio Lower Upper
117 100
201 69.8 33.7 101.0





#91

1,2-Dichlorobenzene

Concen: 46.528 ug/l

RT: 14.106 min Scan# 2065

Delta R.T. 0.006 min

Lab File: VN085505.D

Acq: 17 Jan 2025 19:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

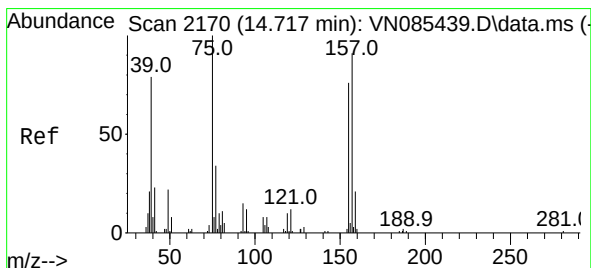
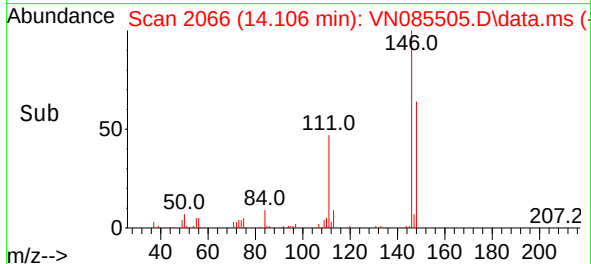
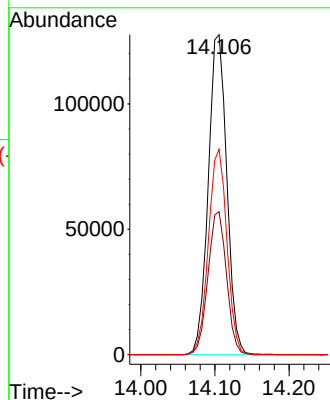
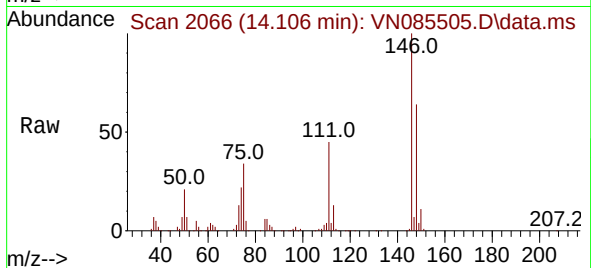
Tgt Ion:146 Resp: 222236

Ion Ratio Lower Upper

146 100

111 44.6 21.7 65.1

148 64.1 31.4 94.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.148 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.000 min

Lab File: VN085505.D

Acq: 17 Jan 2025 19:36

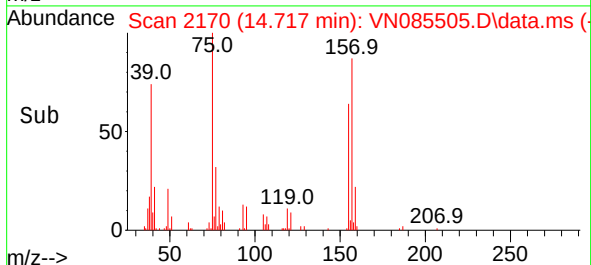
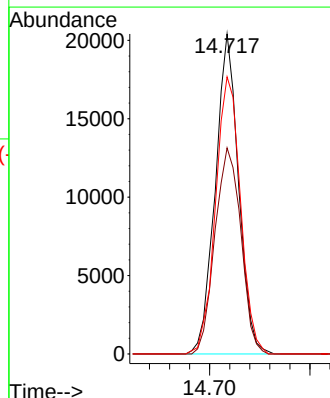
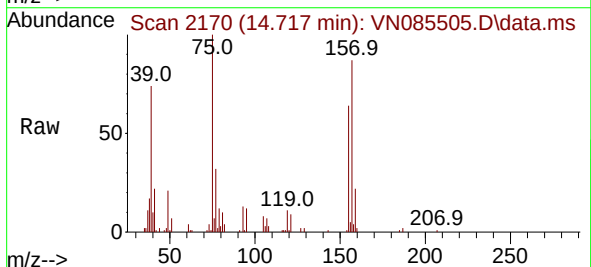
Tgt Ion: 75 Resp: 32835

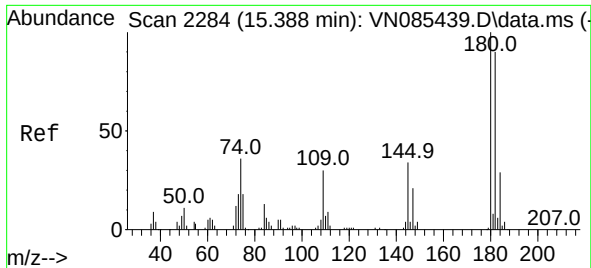
Ion Ratio Lower Upper

75 100

155 71.8 36.4 109.2

157 92.6 45.4 136.1

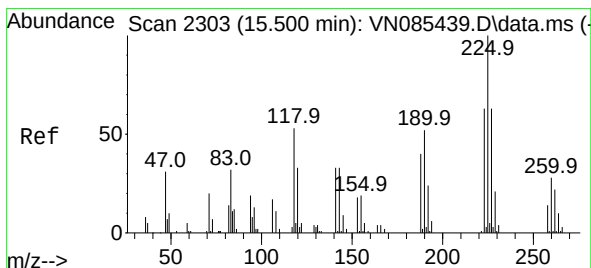
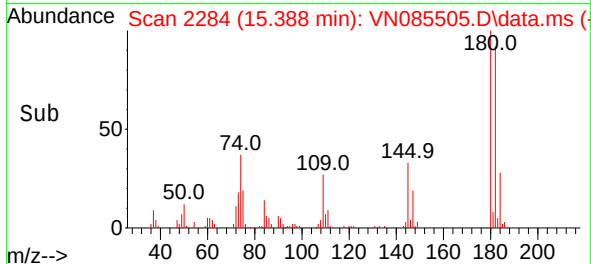
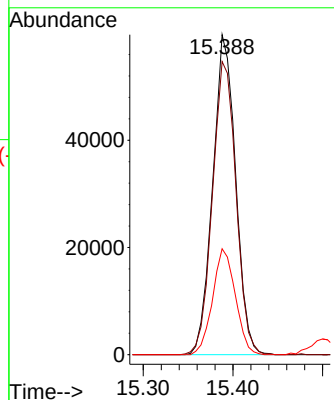
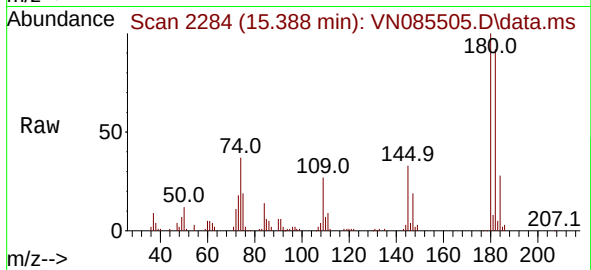




#93
 1,2,4-Trichlorobenzene
 Concen: 47.551 ug/l
 RT: 15.388 min Scan# 2284
 Delta R.T. -0.000 min
 Lab File: VN085505.D
 Acq: 17 Jan 2025 19:36

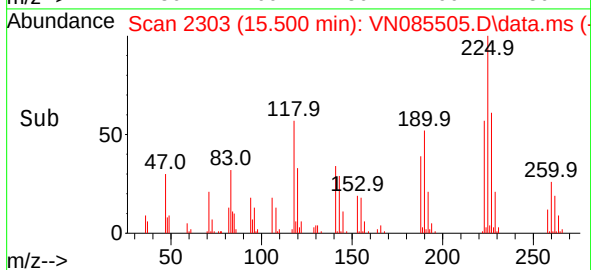
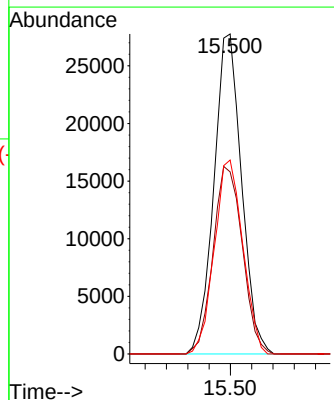
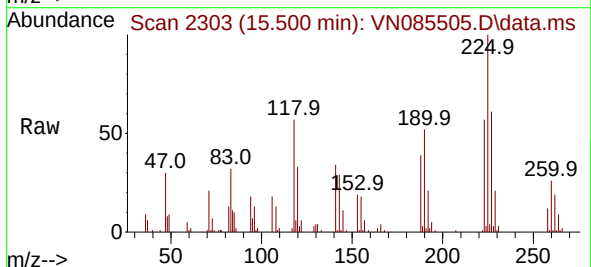
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

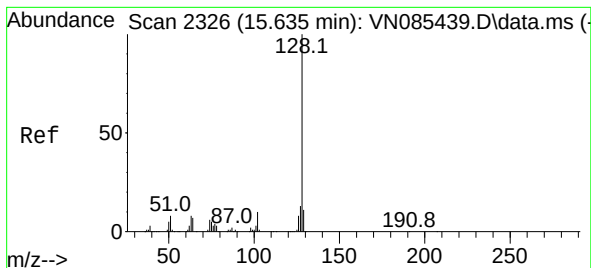
Tgt Ion:180 Resp: 105560
 Ion Ratio Lower Upper
 180 100
 182 94.4 46.8 140.3
 145 32.9 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 42.413 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.000 min
 Lab File: VN085505.D
 Acq: 17 Jan 2025 19:36

Tgt Ion:225 Resp: 49987
 Ion Ratio Lower Upper
 225 100
 223 62.0 30.7 92.1
 227 62.3 30.9 92.5





#95

Naphthalene

Concen: 51.487 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.000 min

Lab File: VN085505.D

Acq: 17 Jan 2025 19:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

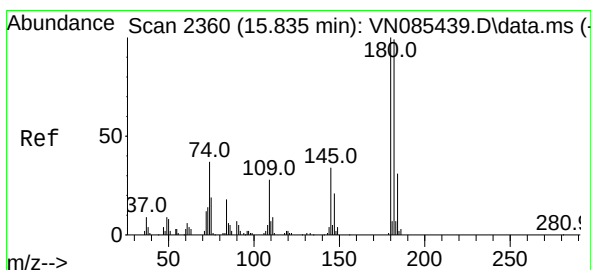
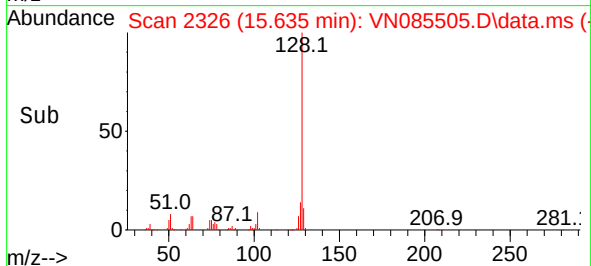
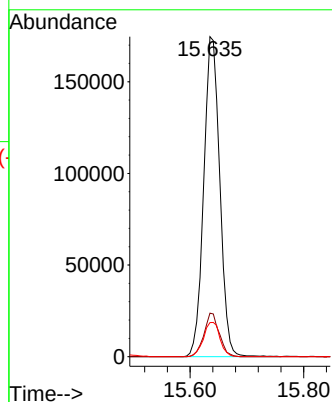
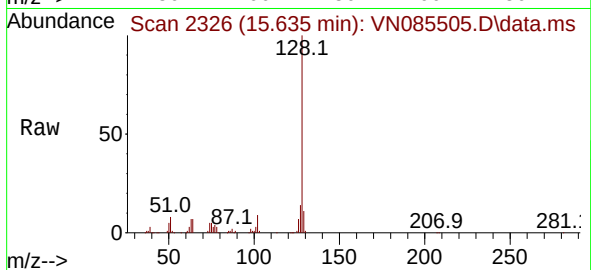
Tgt Ion:128 Resp: 341067

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 11.1 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 47.027 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN085505.D

Acq: 17 Jan 2025 19:36

Tgt Ion:180 Resp: 105633

Ion Ratio Lower Upper

180 100

182 95.7 47.4 142.2

145 35.1 16.9 50.7

