

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011725\
 Data File : VN085480.D
 Acq On : 17 Jan 2025 09:06
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 22 01:29:44 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	8.218	168	217984	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	352497	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	315106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	155506	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.571	65	175024	49.741	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.480%
35) Dibromofluoromethane	8.159	113	130366	53.309	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.620%
50) Toluene-d8	10.559	98	480814	55.338	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.680%
62) 4-Bromofluorobenzene	12.841	95	167339	56.302	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	112.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	142522	48.289	ug/l	98
3) Chloromethane	2.359	50	148881	46.589	ug/l	98
4) Vinyl Chloride	2.512	62	148648	46.279	ug/l	98
5) Bromomethane	2.959	94	90402	46.594	ug/l	91
6) Chloroethane	3.124	64	100818	49.508	ug/l	98
7) Trichlorofluoromethane	3.501	101	231242	49.617	ug/l	98
8) Diethyl Ether	3.959	74	74698	46.395	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	131533	50.107	ug/l	98
10) Methyl Iodide	4.589	142	150208	49.968	ug/l	97
11) Tert butyl alcohol	5.506	59	79692	197.788	ug/l	99
12) 1,1-Dichloroethene	4.342	96	118146	50.501	ug/l	95
13) Acrolein	4.177	56	139841	254.249	ug/l	98
14) Allyl chloride	5.018	41	186163	49.039	ug/l	98
15) Acrylonitrile	5.712	53	291304	227.618	ug/l	98
16) Acetone	4.418	43	266416	234.330	ug/l	97
17) Carbon Disulfide	4.712	76	326694	45.354	ug/l	98
18) Methyl Acetate	5.018	43	158996	45.990	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	397026	52.265	ug/l	99
20) Methylene Chloride	5.271	84	136385	48.457	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	123125	49.246	ug/l	97
22) Diisopropyl ether	6.659	45	447406	53.098	ug/l	98
23) Vinyl Acetate	6.594	43	1550801	262.993	ug/l	99
24) 1,1-Dichloroethane	6.565	63	255298	49.690	ug/l	100
25) 2-Butanone	7.477	43	381269	227.883	ug/l	99
26) 2,2-Dichloropropane	7.477	77	232243	55.910	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	149381	50.727	ug/l	98
28) Bromochloromethane	7.806	49	116558	48.763	ug/l	100
29) Tetrahydrofuran	7.830	42	252817	238.339	ug/l	99
30) Chloroform	7.959	83	264317	49.776	ug/l	99
31) Cyclohexane	8.253	56	216125	48.398	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	235566	50.574	ug/l	97
36) 1,1-Dichloropropene	8.365	75	180652	52.635	ug/l	100
37) Ethyl Acetate	7.553	43	161469	46.610	ug/l	97
38) Carbon Tetrachloride	8.353	117	205764	52.367	ug/l	97
39) Methylcyclohexane	9.594	83	189728	58.827	ug/l	98
40) Benzene	8.600	78	541617	52.520	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	95427	52.946	ug/l	97
42) 1,2-Dichloroethane	8.665	62	202429	52.119	ug/l	100
43) Isopropyl Acetate	8.683	43	280521	50.535	ug/l	99
44) Trichloroethene	9.347	130	123117	51.288	ug/l	92
45) 1,2-Dichloropropane	9.618	63	136455	51.803	ug/l	98
46) Dibromomethane	9.700	93	96427	50.733	ug/l	98
47) Bromodichloromethane	9.882	83	209222	54.031	ug/l	99
48) Methyl methacrylate	9.677	41	133861	53.586	ug/l	99
49) 1,4-Dioxane	9.688	88	35771	850.335	ug/l	99
51) 4-Methyl-2-Pentanone	10.441	43	817818	253.890	ug/l	100
52) Toluene	10.624	92	335184	56.095	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	206150	56.335	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	219075	56.047	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	126436	53.468	ug/l	99
56) Ethyl methacrylate	10.871	69	189969	47.779	ug/l	98
57) 1,3-Dichloropropane	11.159	76	220942	53.734	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	424481	282.869	ug/l	99
59) 2-Hexanone	11.188	43	582174	256.860	ug/l	99
60) Dibromochloromethane	11.353	129	150510	52.720	ug/l	99
61) 1,2-Dibromoethane	11.465	107	119926	50.949	ug/l	100
64) Tetrachloroethene	11.100	164	115510	53.771	ug/l	98
65) Chlorobenzene	11.888	112	358105	51.877	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	130026	51.323	ug/l	99
67) Ethyl Benzene	11.959	91	639798	56.906	ug/l	98
68) m/p-Xylenes	12.065	106	485139	116.753	ug/l	100
69) o-Xylene	12.394	106	227660	57.330	ug/l	99
70) Styrene	12.406	104	390499	59.419	ug/l	99
71) Bromoform	12.571	173	96860	53.432	ug/l #	99
73) Isopropylbenzene	12.688	105	596927	56.875	ug/l	99
74) N-amyl acetate	12.488	43	235727	49.969	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.935	83	170784	46.066	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	228036	72.147	ug/l	49
77) Bromobenzene	12.976	156	141029	51.432	ug/l	97
78) n-propylbenzene	13.029	91	724074	58.277	ug/l	99
79) 2-Chlorotoluene	13.118	91	433208	53.873	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	512861	59.159	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	68970	59.039	ug/l #	80
82) 4-Chlorotoluene	13.218	91	440459	55.012	ug/l	100
83) tert-Butylbenzene	13.435	119	419373	57.605	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	512189	59.278	ug/l	99
85) sec-Butylbenzene	13.612	105	602451	59.707	ug/l	100
86) p-Isopropyltoluene	13.723	119	506639	55.071	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	261464	51.777	ug/l	100
88) 1,4-Dichlorobenzene	13.806	146	262771	50.203	ug/l	99
89) n-Butylbenzene	14.053	91	438573	60.587	ug/l	99
90) Hexachloroethane	14.329	117	97744	50.886	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	251636	49.957	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	30929	45.686	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	123693	52.836	ug/l	97
94) Hexachlorobutadiene	15.494	225	62284	50.112	ug/l	98
95) Naphthalene	15.635	128	339492	48.597	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	118335	49.955	ug/l	100

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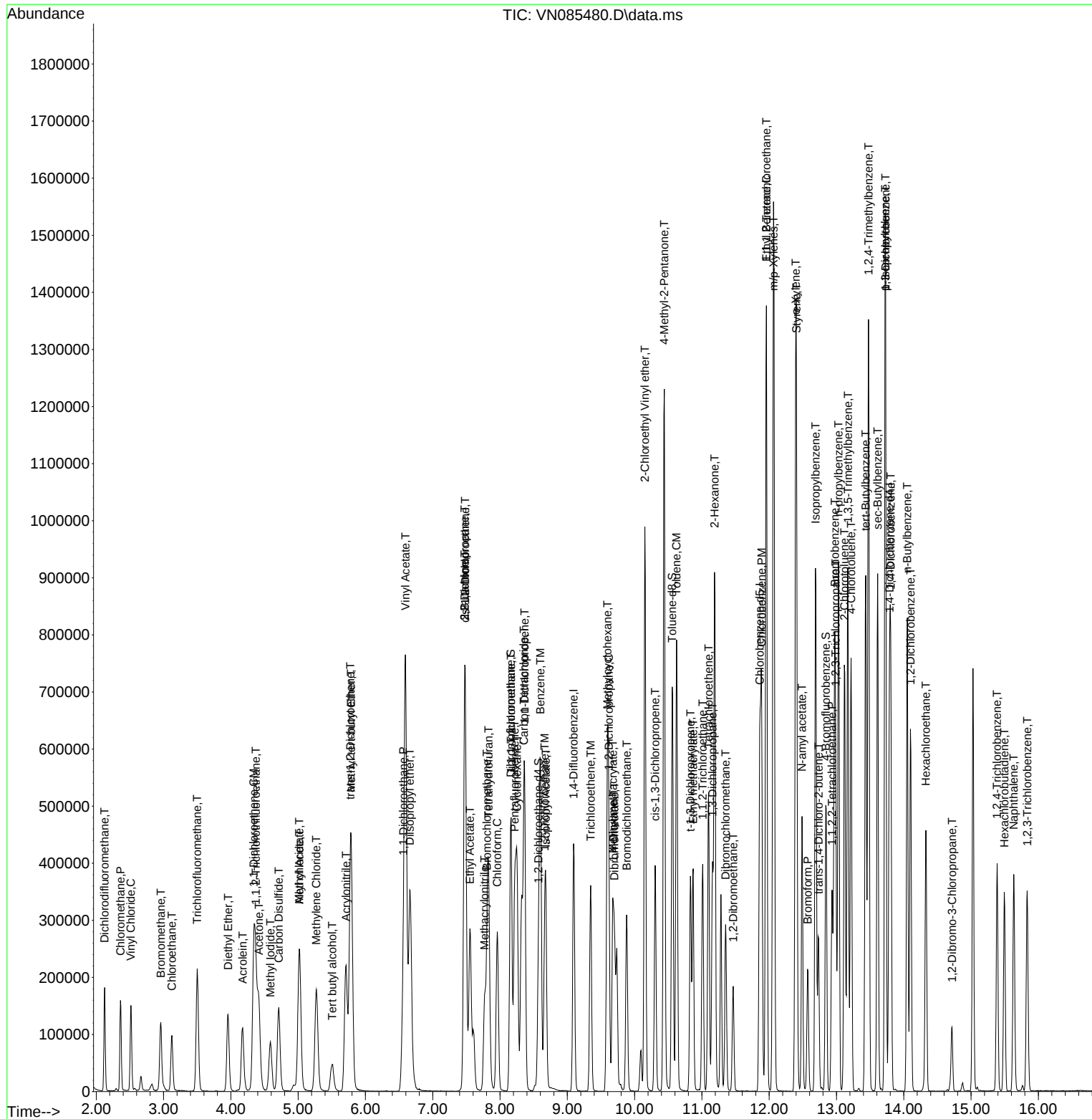
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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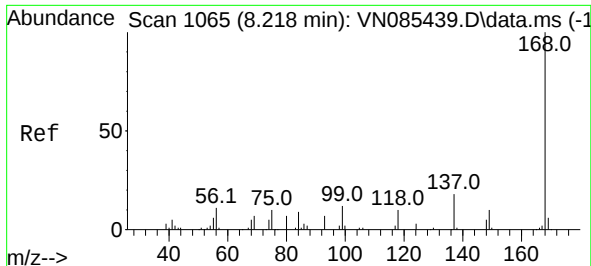
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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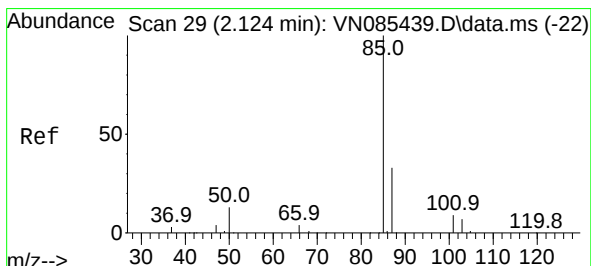
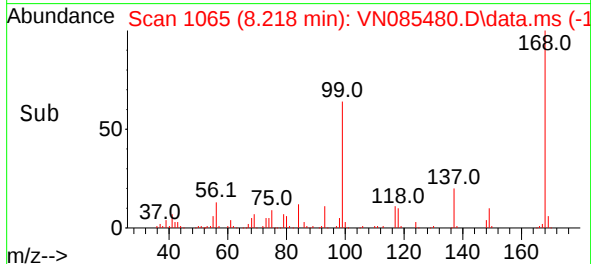
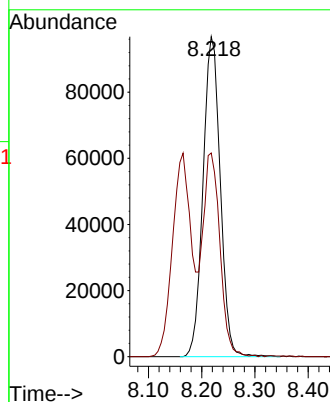
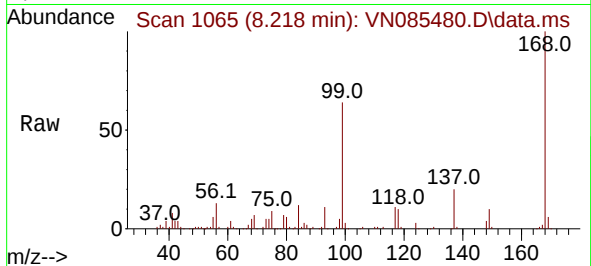




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085480.D
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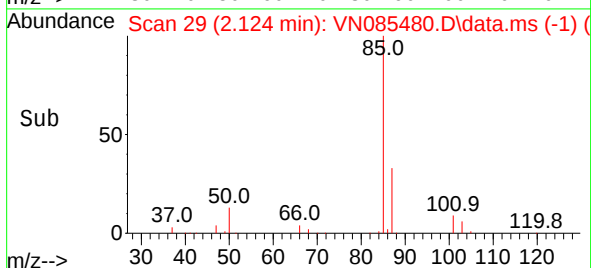
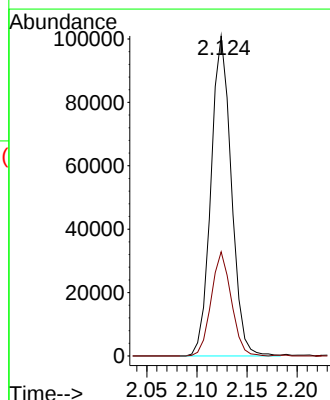
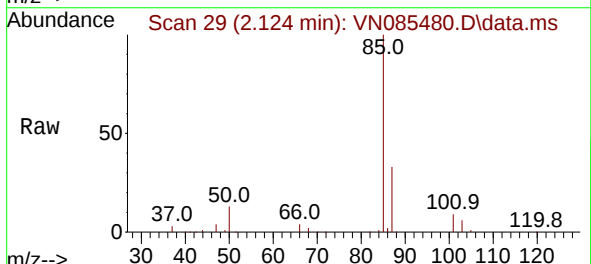
Instrument :
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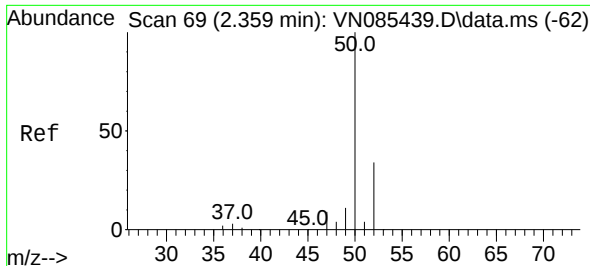
Tgt Ion:168 Resp: 217984
Ion Ratio Lower Upper
168 100
99 63.5 53.6 80.4



#2
Dichlorodifluoromethane
Concen: 48.289 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:06

Tgt Ion: 85 Resp: 142522
Ion Ratio Lower Upper
85 100
87 32.5 16.7 50.1

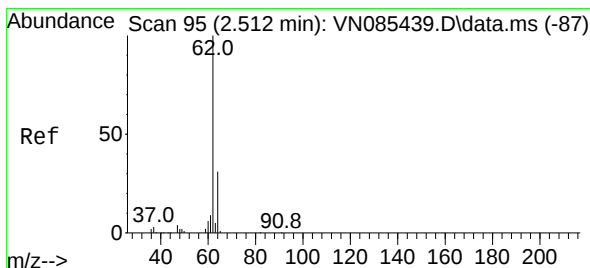
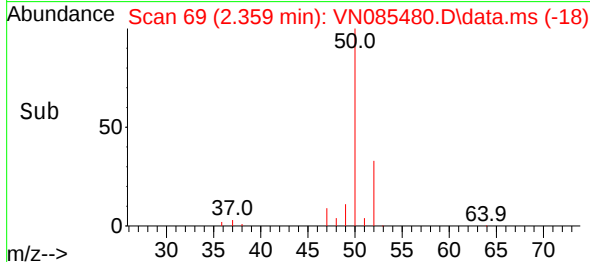
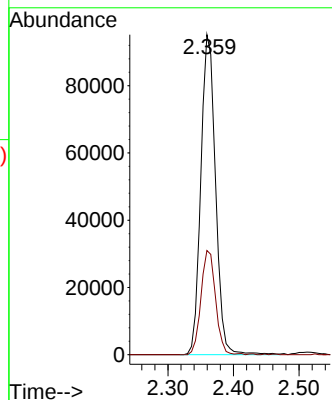
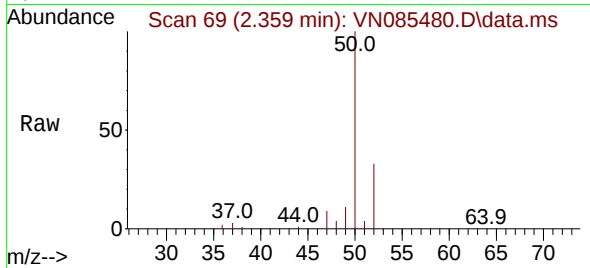




#3
 Chloromethane
 Concen: 46.589 ug/l
 RT: 2.359 min Scan# 69
 Delta R.T. 0.000 min
 Lab File: VN085480.D
 Acq: 17 Jan 2025 09:06

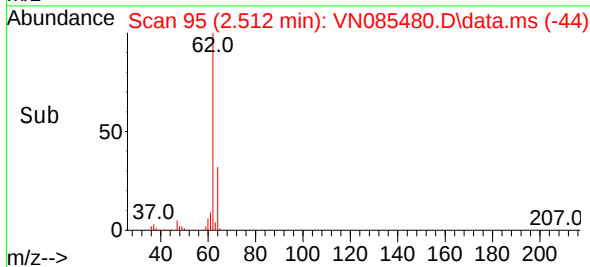
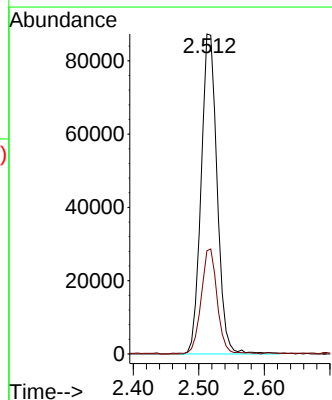
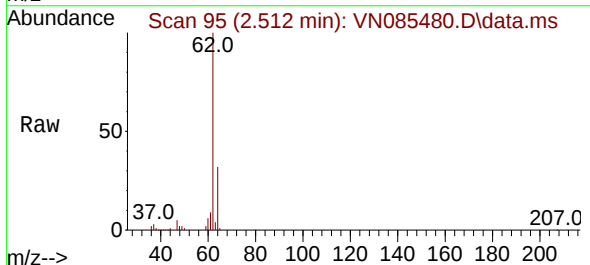
Instrument :
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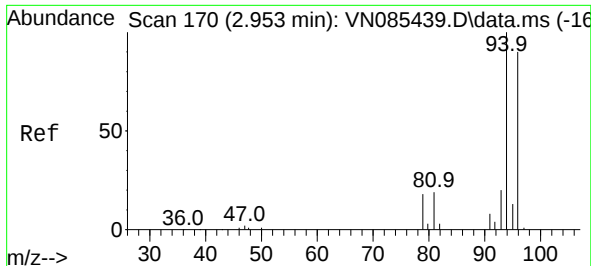
Tgt Ion: 50 Resp: 148881
 Ion Ratio Lower Upper
 50 100
 52 32.5 27.0 40.6



#4
 Vinyl Chloride
 Concen: 46.279 ug/l
 RT: 2.512 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VN085480.D
 Acq: 17 Jan 2025 09:06

Tgt Ion: 62 Resp: 148648
 Ion Ratio Lower Upper
 62 100
 64 32.1 24.8 37.2

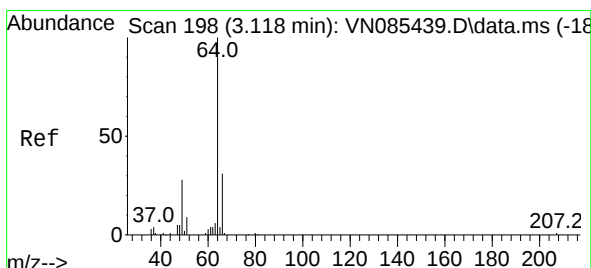
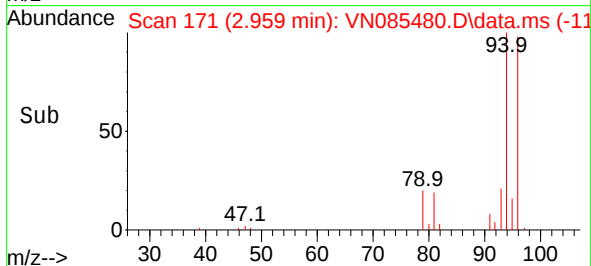
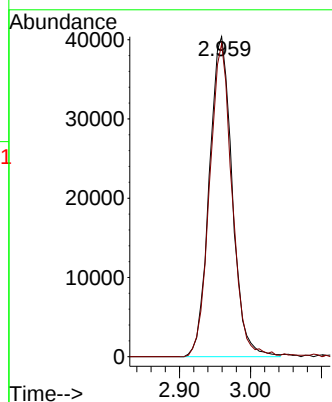
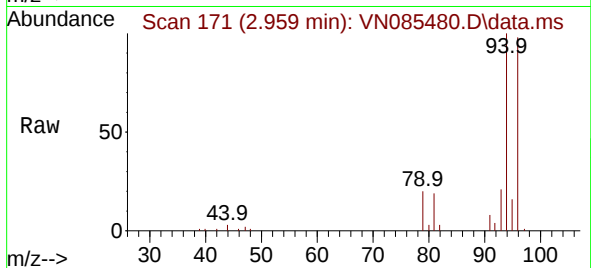




#5
Bromomethane
Concen: 46.594 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:06

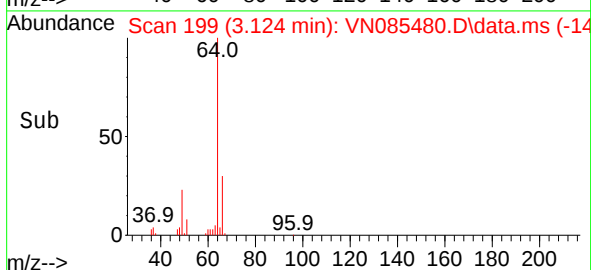
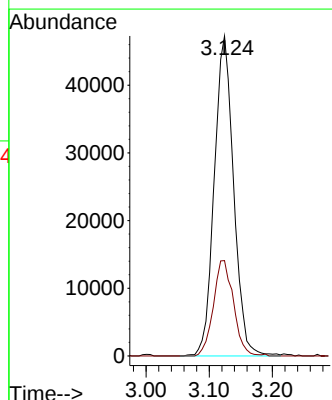
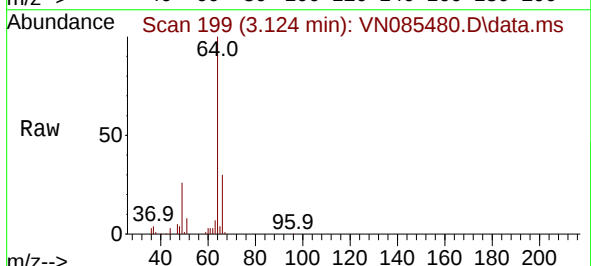
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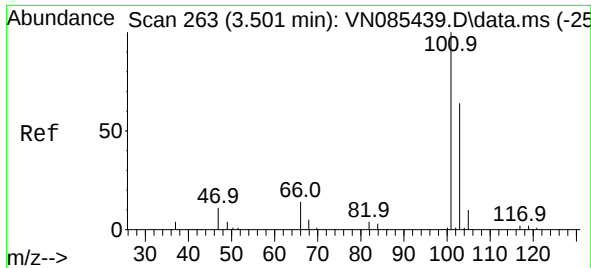
Tgt Ion: 94 Resp: 90402
Ion Ratio Lower Upper
94 100
96 97.8 71.8 107.6



#6
Chloroethane
Concen: 49.508 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:06

Tgt Ion: 64 Resp: 100818
Ion Ratio Lower Upper
64 100
66 29.8 24.6 36.8

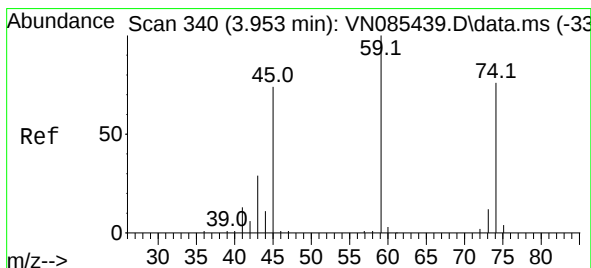
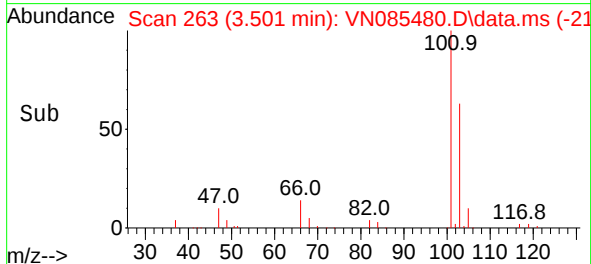
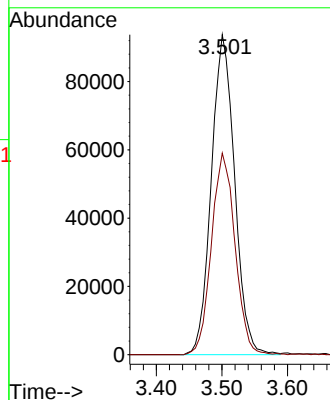
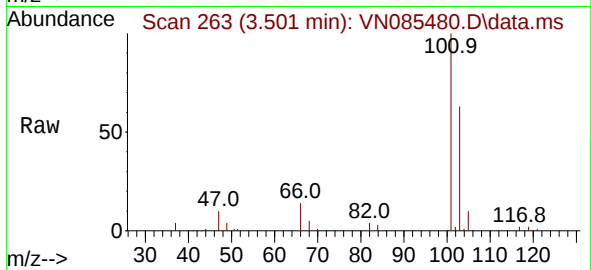




#7
 Trichlorofluoromethane
 Concen: 49.617 ug/l
 RT: 3.501 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN085480.D
 Acq: 17 Jan 2025 09:06

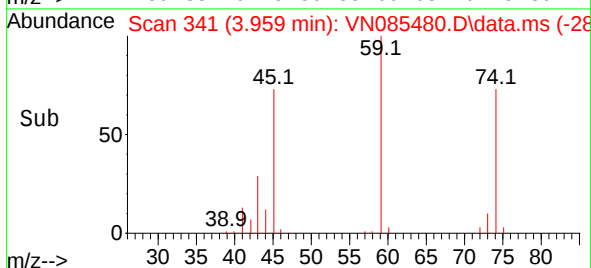
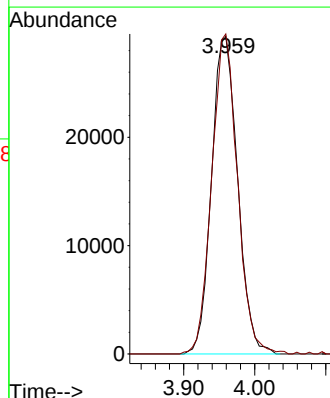
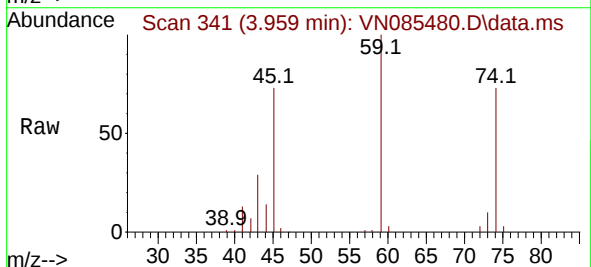
Instrument :
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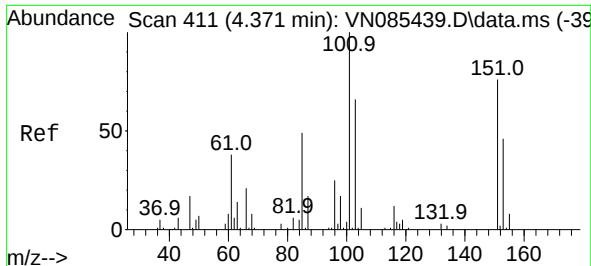
Tgt Ion:101 Resp: 231242
 Ion Ratio Lower Upper
 101 100
 103 63.0 51.4 77.2



#8
 Diethyl Ether
 Concen: 46.395 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN085480.D
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Tgt Ion: 74 Resp: 74698
 Ion Ratio Lower Upper
 74 100
 45 99.7 49.7 149.1

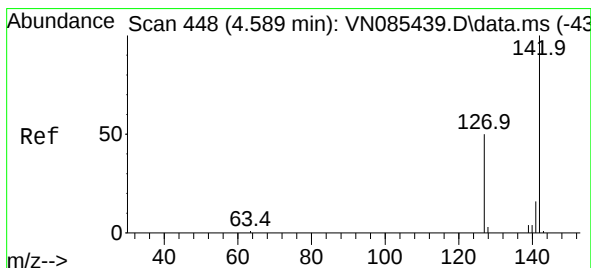
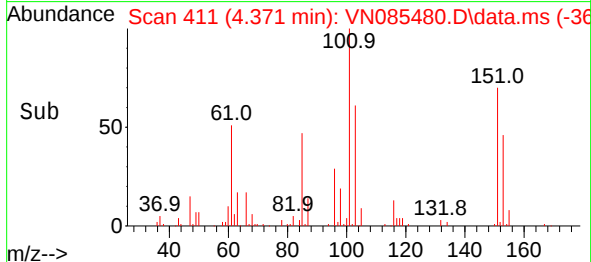
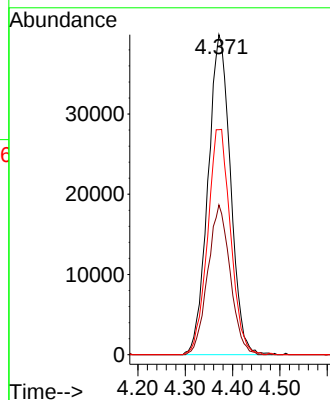
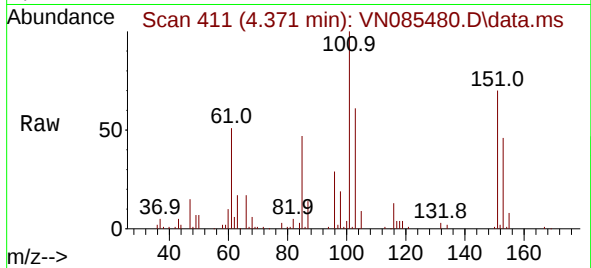




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.107 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:06

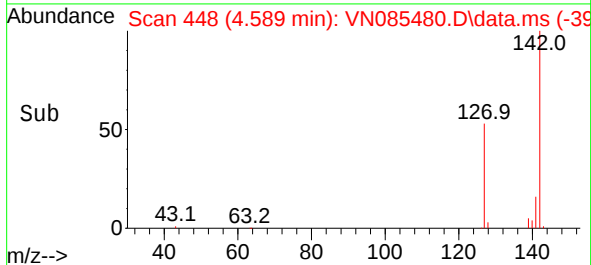
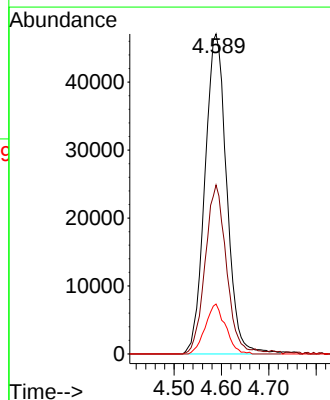
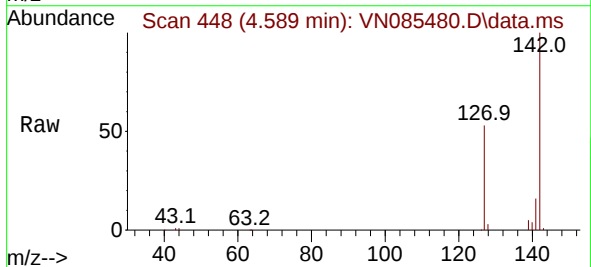
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

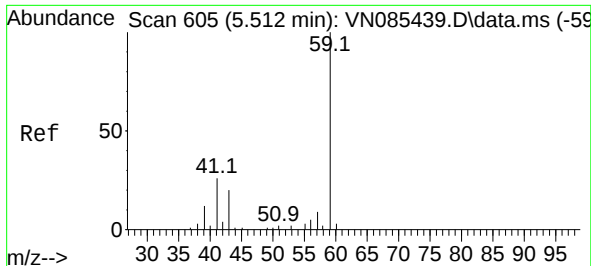
Tgt Ion:101 Resp: 131533
Ion Ratio Lower Upper
101 100
85 46.6 37.8 56.8
151 71.8 58.8 88.2



#10
Methyl Iodide
Concen: 49.968 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:06

Tgt Ion:142 Resp: 150208
Ion Ratio Lower Upper
142 100
127 52.8 40.3 60.5
141 15.6 12.8 19.2

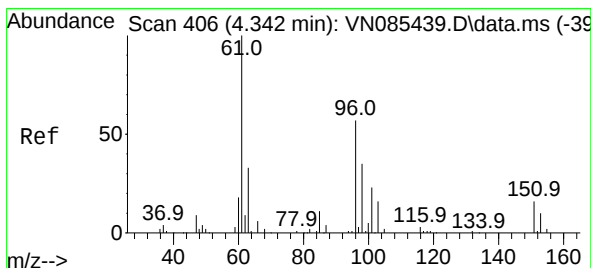
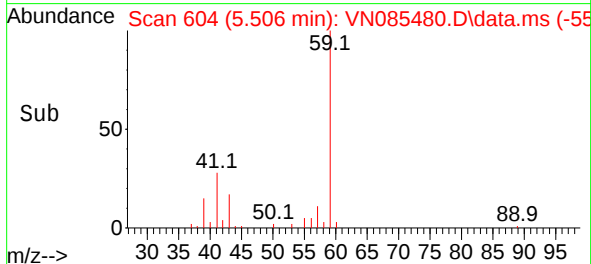
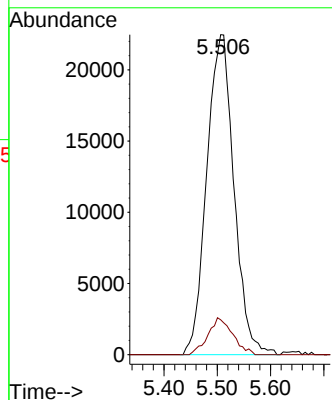
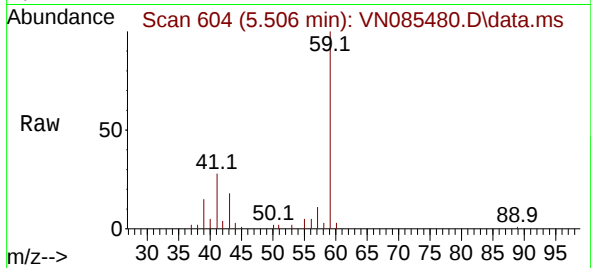




#11
Tert butyl alcohol
Concen: 197.788 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:06

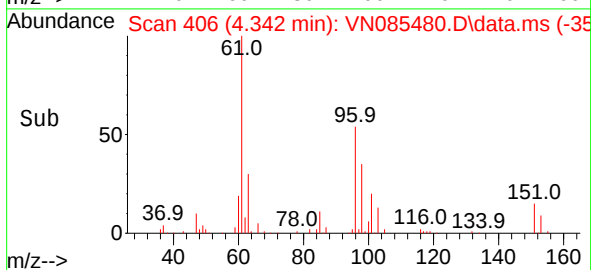
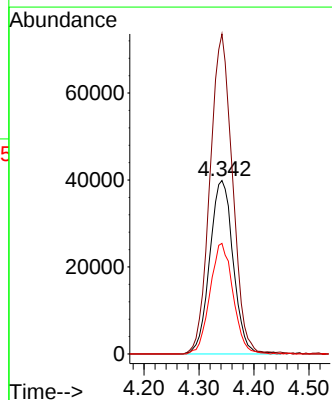
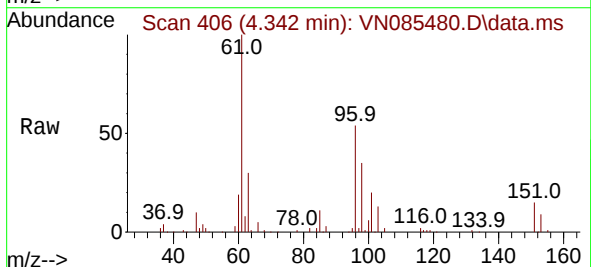
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

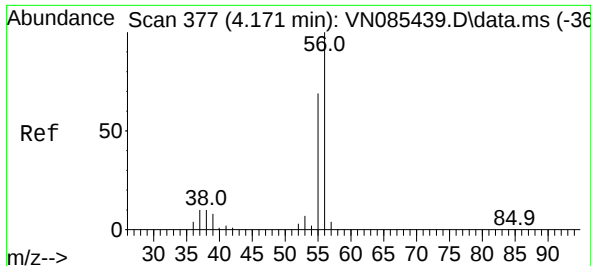
Tgt Ion: 59 Resp: 79692
Ion Ratio Lower Upper
59 100
57 10.5 8.6 13.0



#12
1,1-Dichloroethene
Concen: 50.501 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:06

Tgt Ion: 96 Resp: 118146
Ion Ratio Lower Upper
96 100
61 184.5 141.0 211.4
98 63.8 49.0 73.6

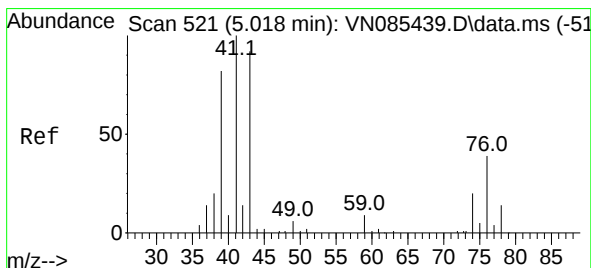
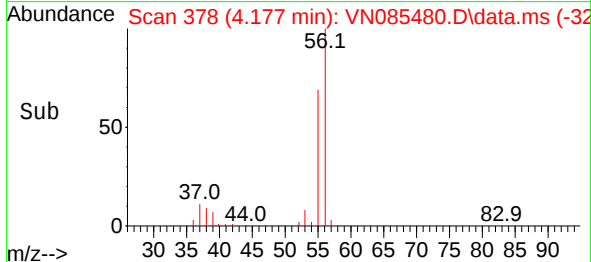
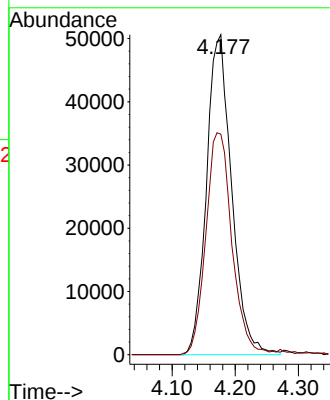
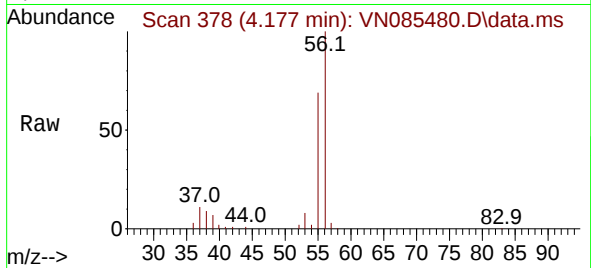




#13
Acrolein
Concen: 254.249 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:06

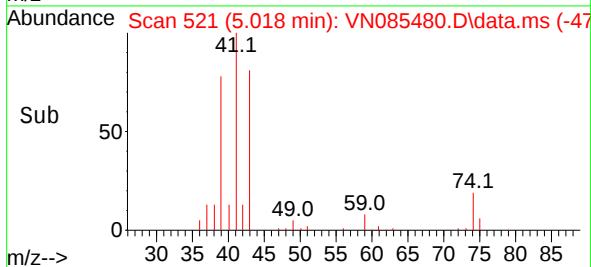
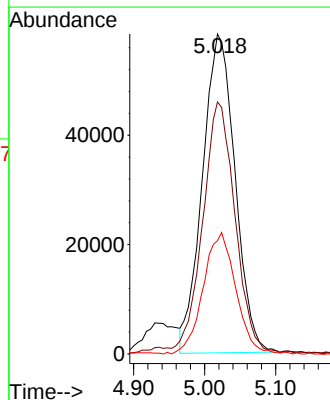
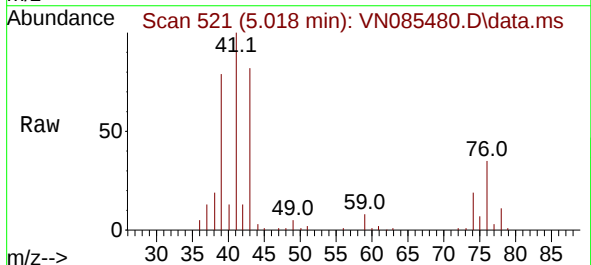
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

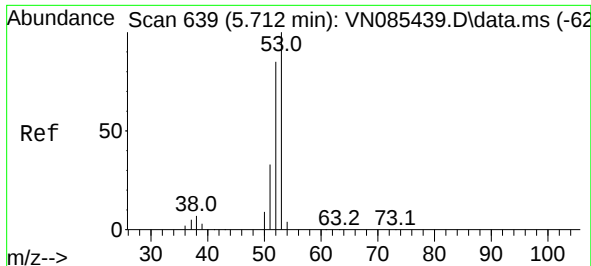
Tgt Ion: 56 Resp: 139841
Ion Ratio Lower Upper
56 100
55 71.7 56.3 84.5



#14
Allyl chloride
Concen: 49.039 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:06

Tgt Ion: 41 Resp: 186163
Ion Ratio Lower Upper
41 100
39 77.9 64.4 96.6
76 37.9 30.5 45.7

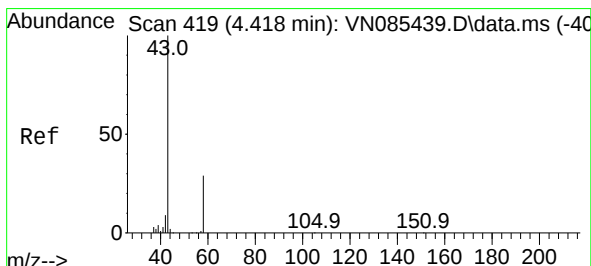
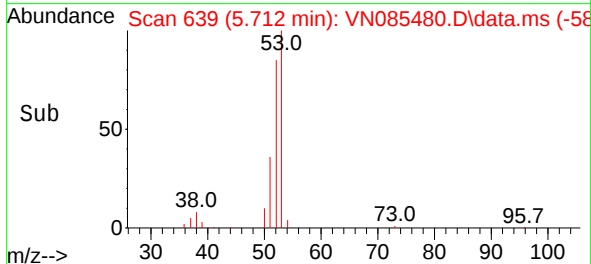
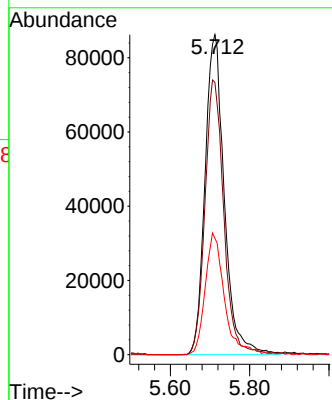
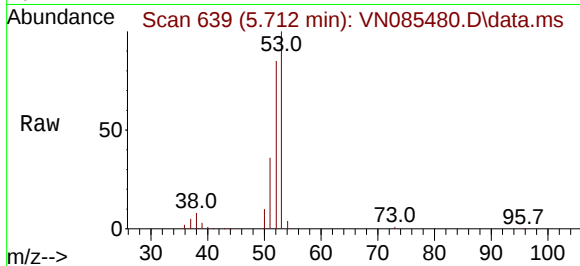




#15
Acrylonitrile
Concen: 227.618 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.000 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:06

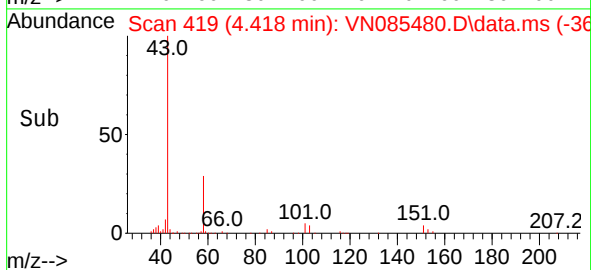
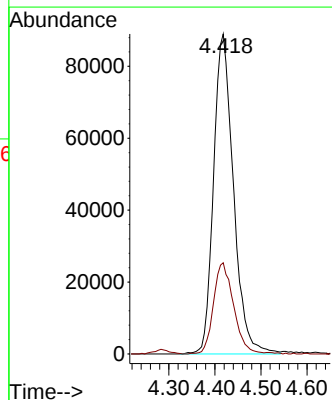
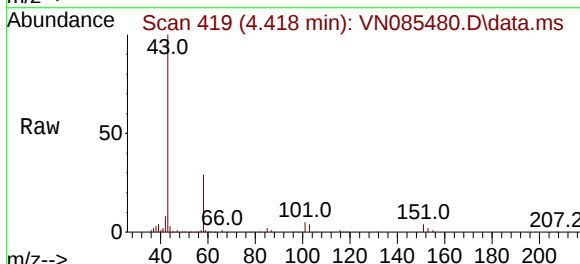
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

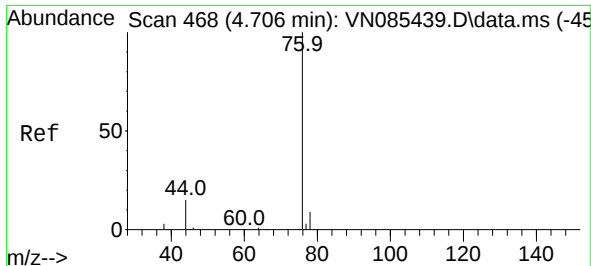
Tgt Ion:	53	Resp:	291304
Ion	Ratio	Lower	Upper
53	100		
52	84.2	65.5	98.3
51	37.9	29.8	44.8



#16
Acetone
Concen: 234.330 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:06

Tgt Ion:	43	Resp:	266416
Ion	Ratio	Lower	Upper
43	100		
58	28.3	23.8	35.6

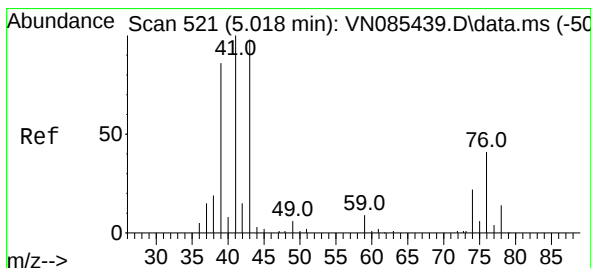
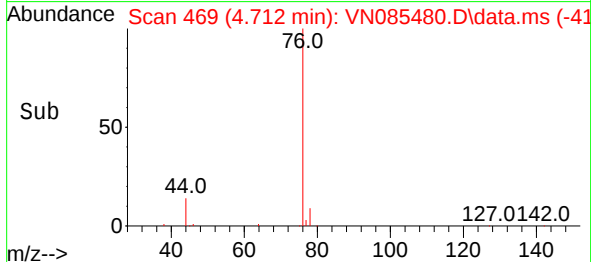
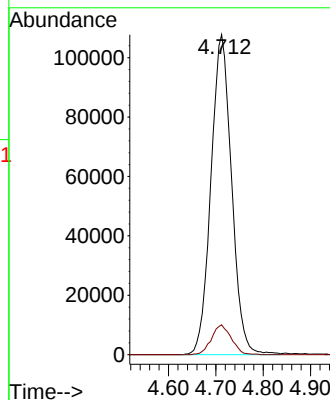
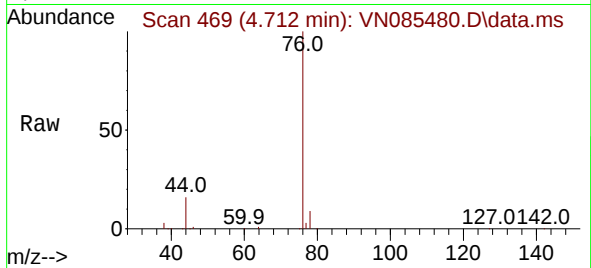




#17
Carbon Disulfide
Concen: 45.354 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:06

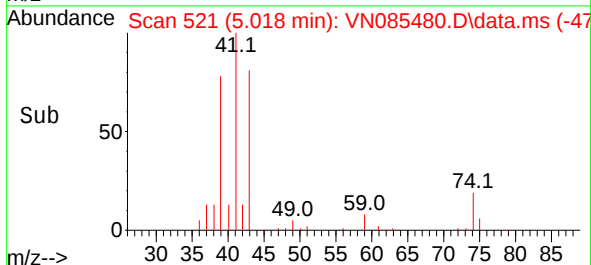
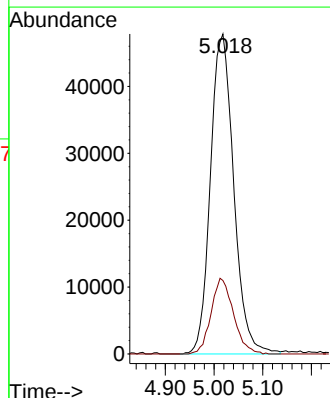
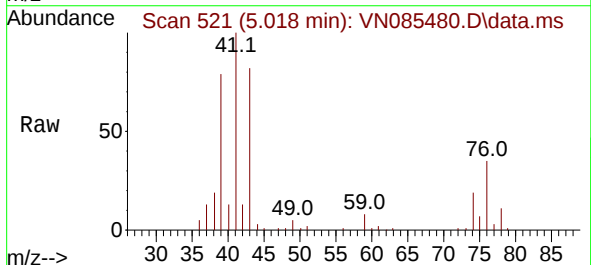
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

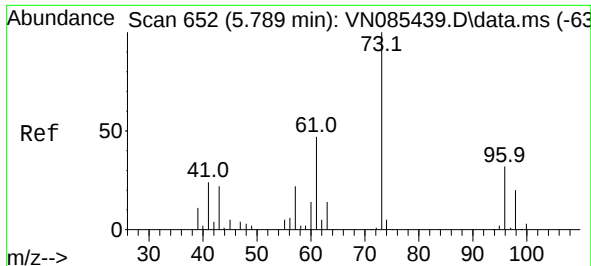
Tgt Ion: 76 Resp: 326694
Ion Ratio Lower Upper
76 100
78 9.4 6.9 10.3



#18
Methyl Acetate
Concen: 45.990 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:06

Tgt Ion: 43 Resp: 158996
Ion Ratio Lower Upper
43 100
74 22.7 18.6 28.0





#19

Methyl tert-butyl Ether

Concen: 52.265 ug/l

RT: 5.789 min Scan# 652

Delta R.T. 0.000 min

Lab File: VN085480.D

Acq: 17 Jan 2025 09:06

Instrument :

MSVOA_N

ClientSampleId :

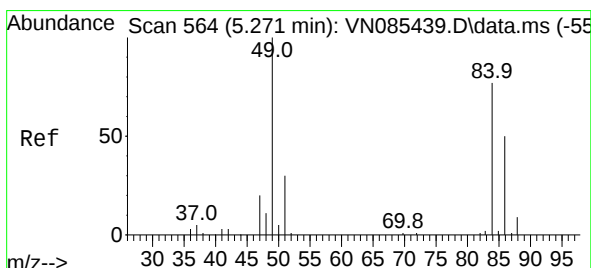
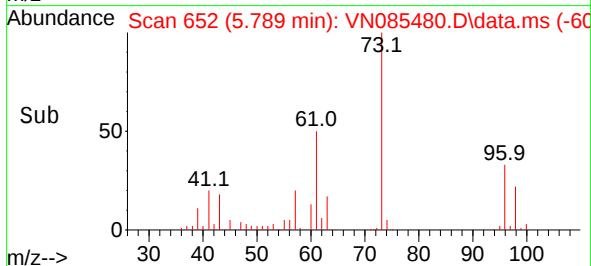
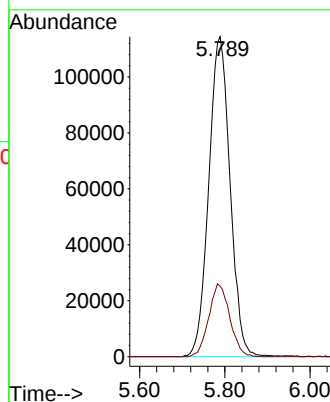
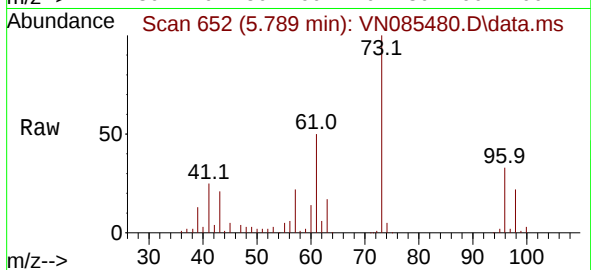
VSTDCCC050

Tgt Ion: 73 Resp: 397026

Ion Ratio Lower Upper

73 100

57 22.0 17.8 26.8



#20

Methylene Chloride

Concen: 48.457 ug/l

RT: 5.271 min Scan# 564

Delta R.T. 0.000 min

Lab File: VN085480.D

Acq: 17 Jan 2025 09:06

Tgt Ion: 84 Resp: 136385

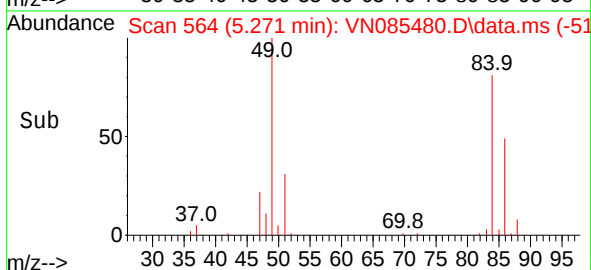
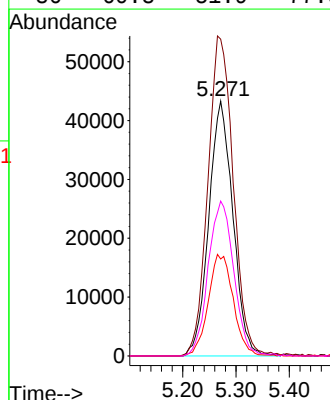
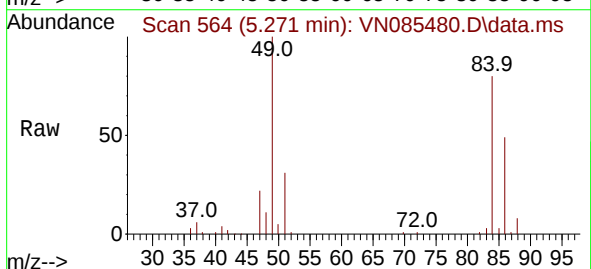
Ion Ratio Lower Upper

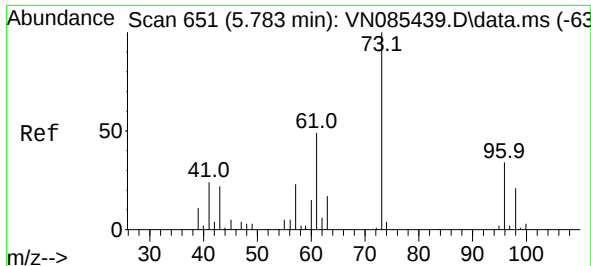
84 100

49 124.3 104.1 156.1

51 38.0 31.0 46.4

86 60.8 51.9 77.9

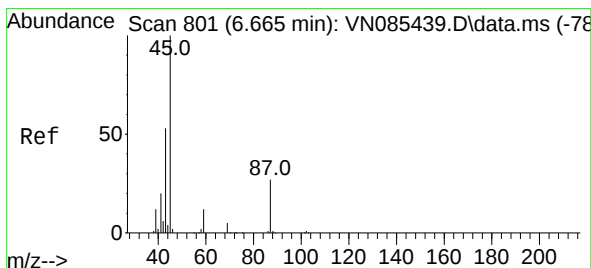
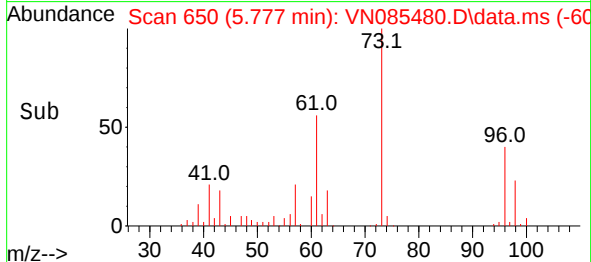
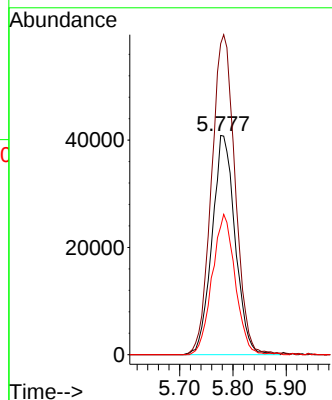
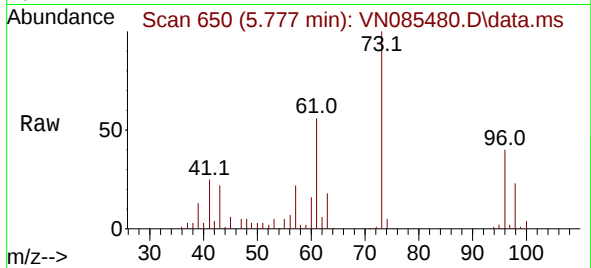




#21
trans-1,2-Dichloroethene
Concen: 49.246 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:06

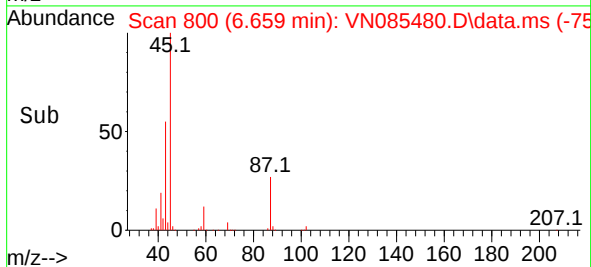
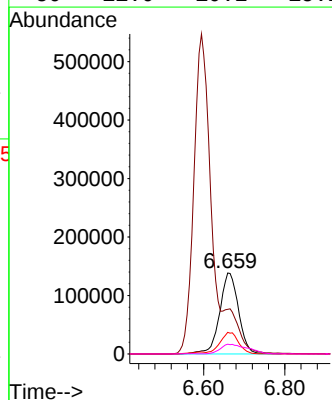
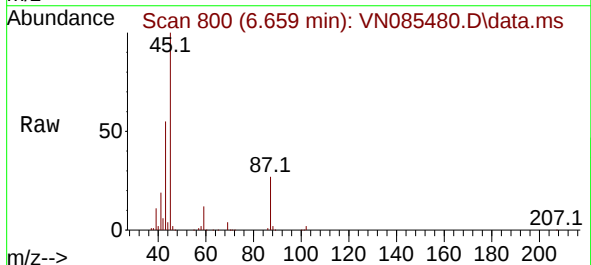
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

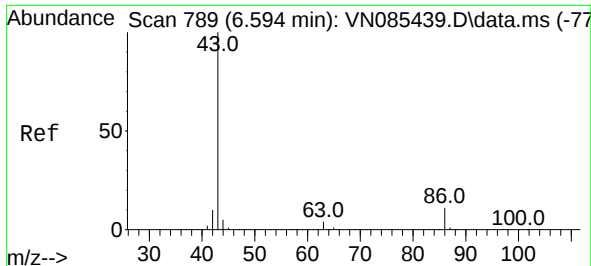
Tgt Ion: 96 Resp: 123125
Ion Ratio Lower Upper
96 100
61 141.8 115.7 173.5
98 58.4 49.8 74.8



#22
Diisopropyl ether
Concen: 53.098 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:06

Tgt Ion: 45 Resp: 447406
Ion Ratio Lower Upper
45 100
43 54.1 45.0 67.6
87 26.6 21.8 32.8
59 11.9 10.2 15.2

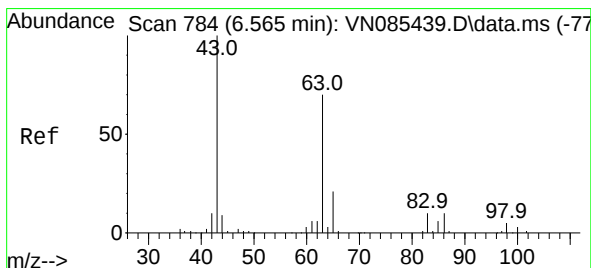
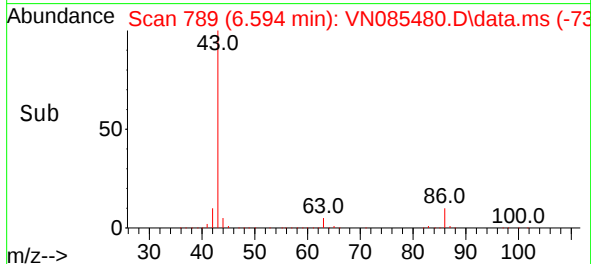
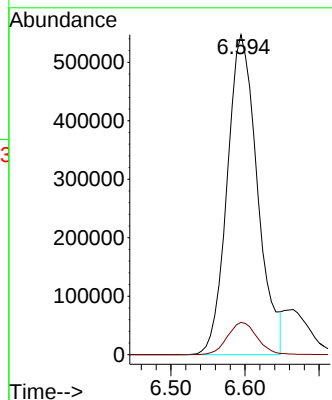
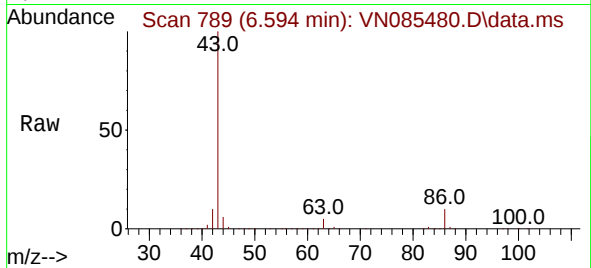




#23
 Vinyl Acetate
 Concen: 262.993 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. 0.000 min
 Lab File: VN085480.D
 Acq: 17 Jan 2025 09:06

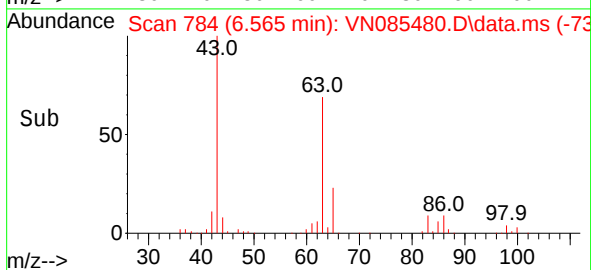
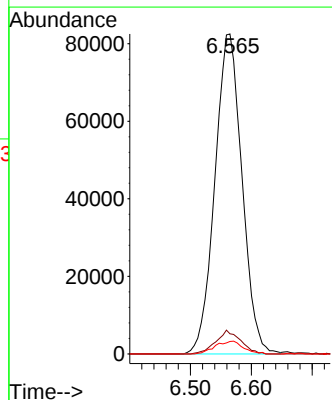
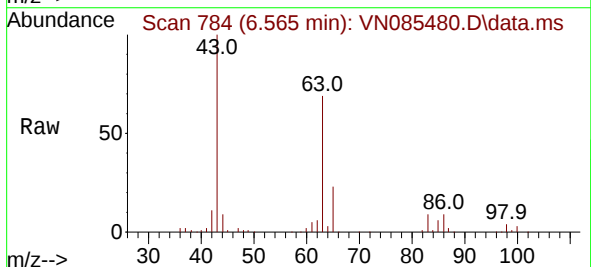
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

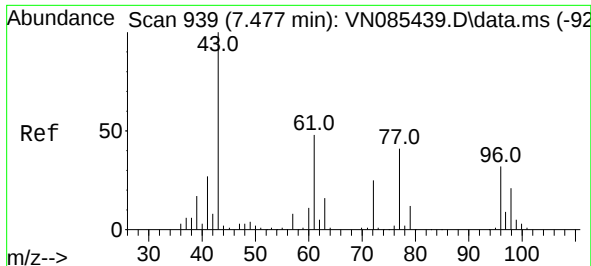
Tgt Ion: 43 Resp: 1550801
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 49.690 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN085480.D
 Acq: 17 Jan 2025 09:06

Tgt Ion: 63 Resp: 255298
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.3 9.8
 100 3.9 2.0 6.0





#25

2-Butanone

Concen: 227.883 ug/l

RT: 7.477 min Scan# 939

Delta R.T. 0.000 min

Lab File: VN085480.D

Acq: 17 Jan 2025 09:06

Instrument :

MSVOA_N

ClientSampleId :

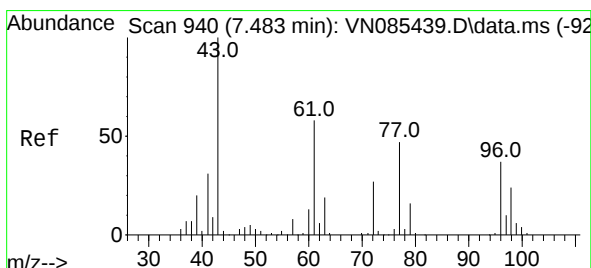
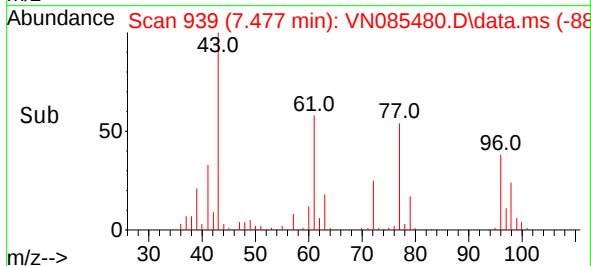
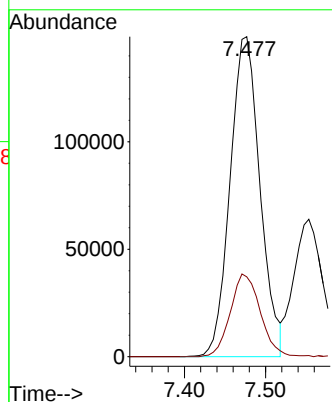
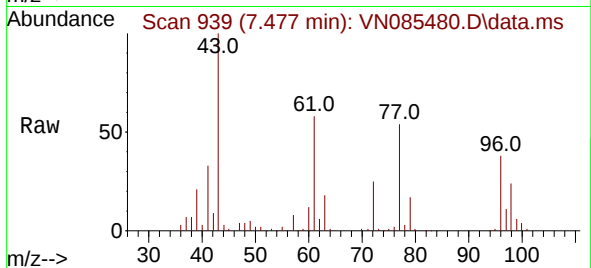
VSTDCCC050

Tgt Ion: 43 Resp: 381269

Ion Ratio Lower Upper

43 100

72 25.0 20.2 30.4



#26

2,2-Dichloropropane

Concen: 55.910 ug/l

RT: 7.477 min Scan# 939

Delta R.T. -0.006 min

Lab File: VN085480.D

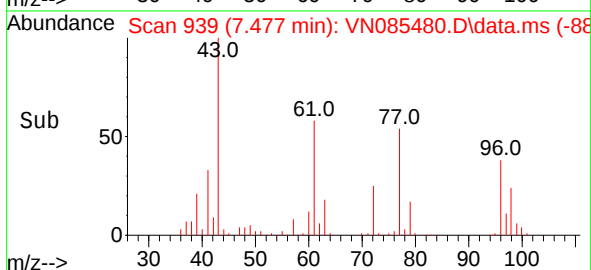
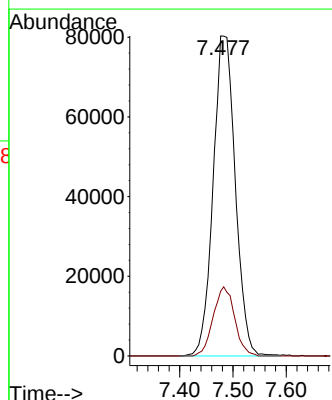
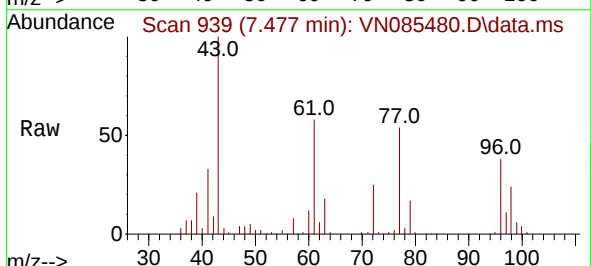
Acq: 17 Jan 2025 09:06

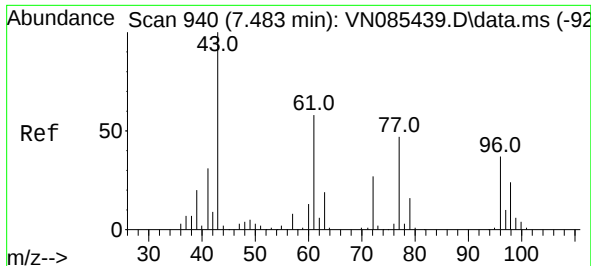
Tgt Ion: 77 Resp: 232243

Ion Ratio Lower Upper

77 100

97 20.8 10.7 32.1

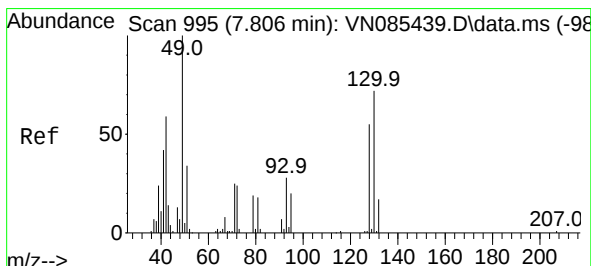
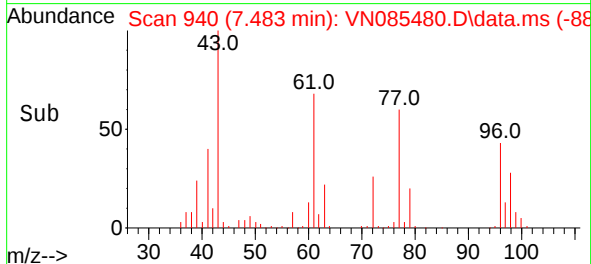
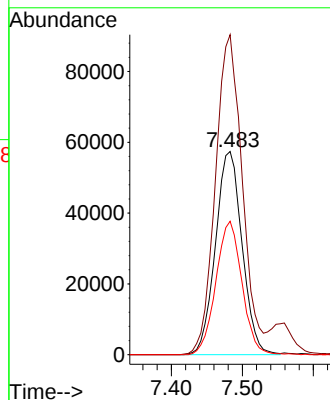
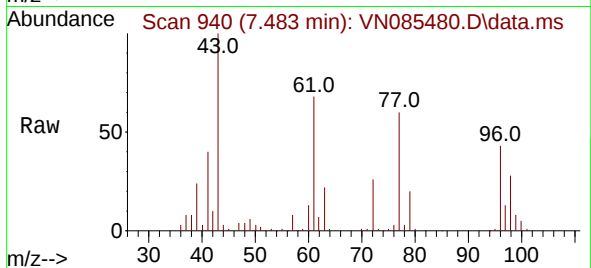




#27
 cis-1,2-Dichloroethene
 Concen: 50.727 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN085480.D
 Acq: 17 Jan 2025 09:06

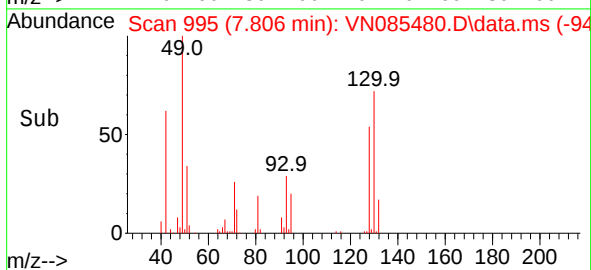
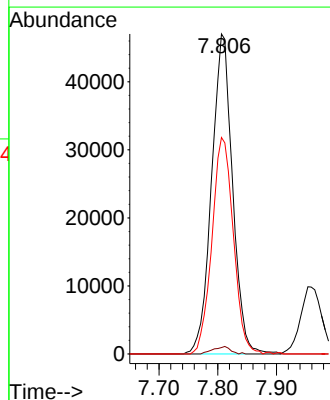
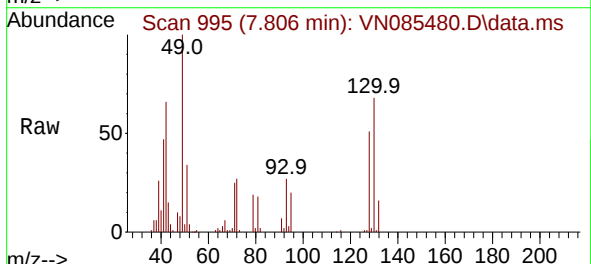
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

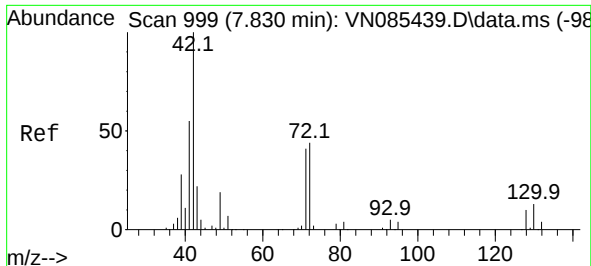
Tgt Ion: 96 Resp: 149381
 Ion Ratio Lower Upper
 96 100
 61 158.5 0.0 311.8
 98 64.4 0.0 126.0



#28
 Bromochloromethane
 Concen: 48.763 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. 0.000 min
 Lab File: VN085480.D
 Acq: 17 Jan 2025 09:06

Tgt Ion: 49 Resp: 116558
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.4
 130 68.9 55.0 82.4

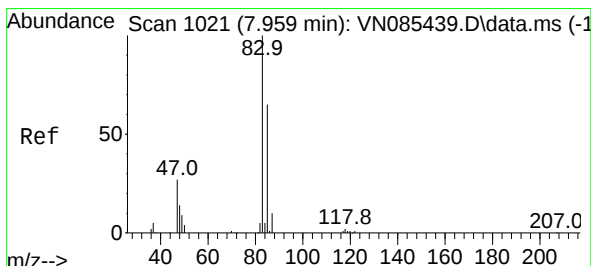
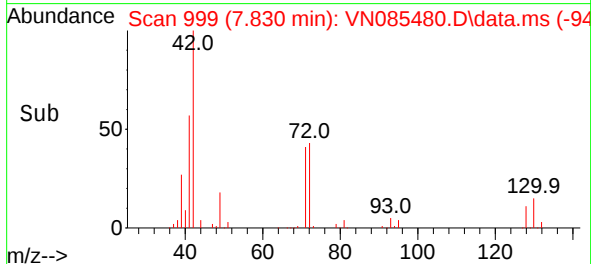
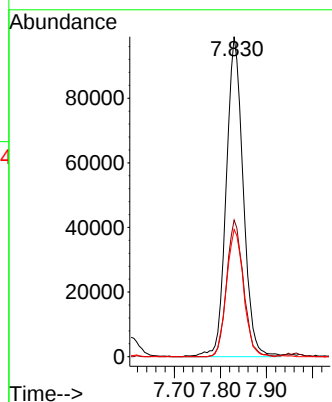
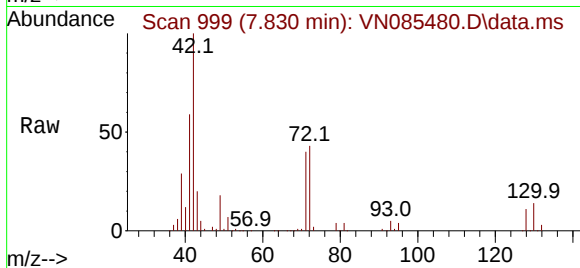




#29
Tetrahydrofuran
Concen: 238.339 ug/l
RT: 7.830 min Scan# 999
Delta R.T. 0.000 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:06

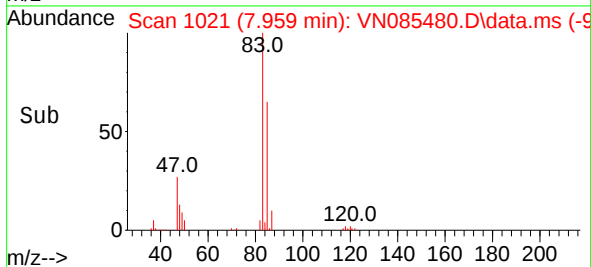
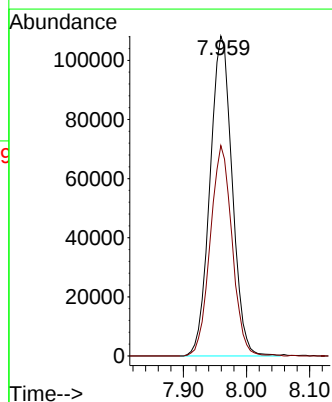
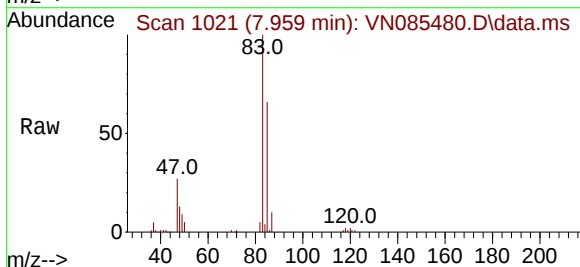
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

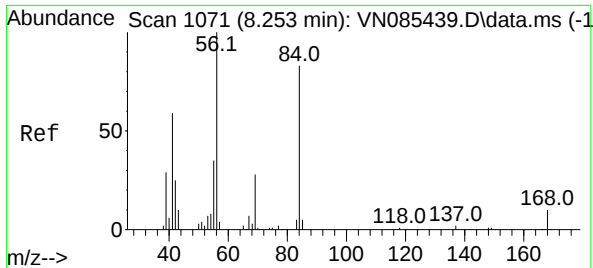
Tgt Ion: 42 Resp: 252817
Ion Ratio Lower Upper
42 100
72 42.4 34.2 51.2
71 40.1 32.5 48.7



#30
Chloroform
Concen: 49.776 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:06

Tgt Ion: 83 Resp: 264317
Ion Ratio Lower Upper
83 100
85 65.8 51.8 77.6

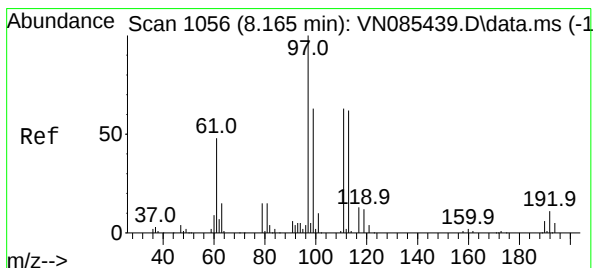
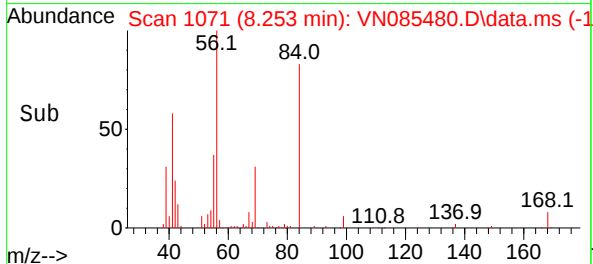
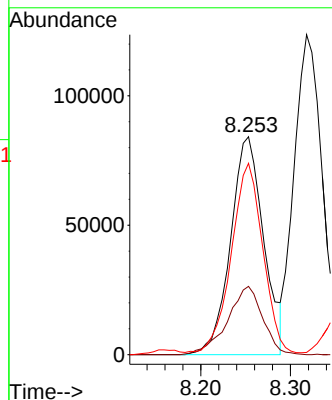
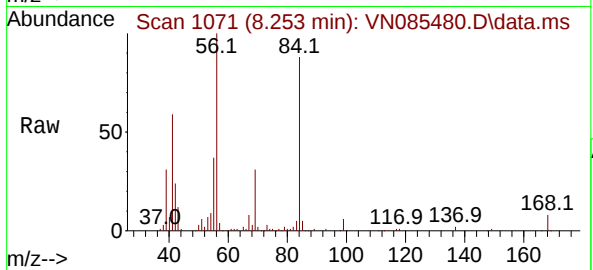




#31
Cyclohexane
Concen: 48.398 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:06

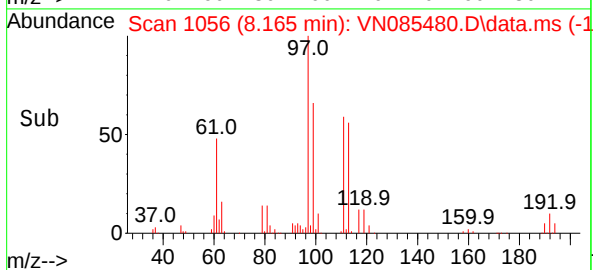
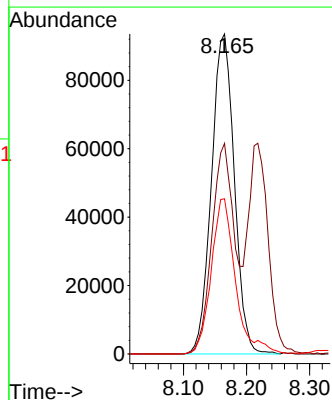
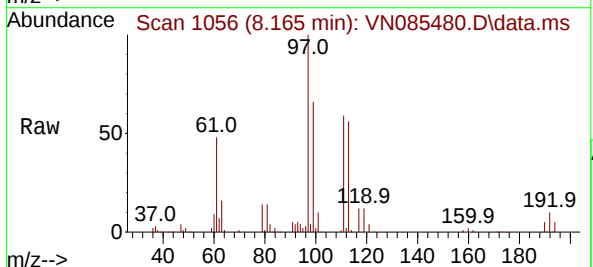
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

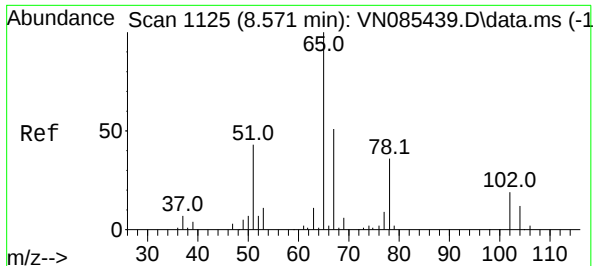
Tgt Ion: 56 Resp: 216125
Ion Ratio Lower Upper
56 100
69 31.3 22.2 33.4
84 86.6 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 50.574 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:06

Tgt Ion: 97 Resp: 235566
Ion Ratio Lower Upper
97 100
99 66.7 49.8 74.6
61 51.5 41.4 62.2

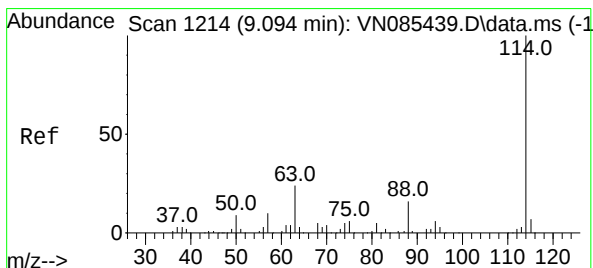
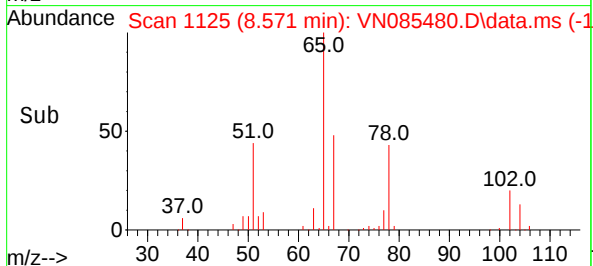
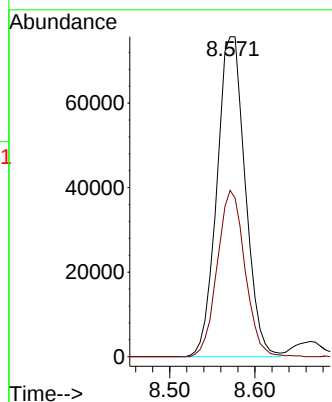
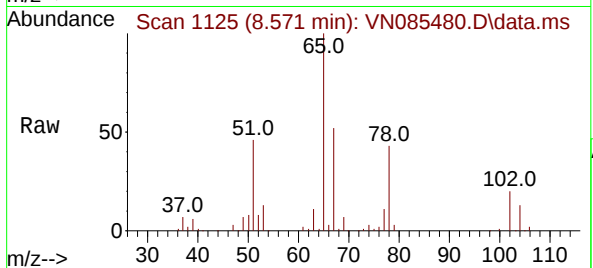




#33
 1,2-Dichloroethane-d4
 Concen: 49.741 ug/l
 RT: 8.571 min Scan# 1125
 Delta R.T. 0.000 min
 Lab File: VN085480.D
 Acq: 17 Jan 2025 09:06

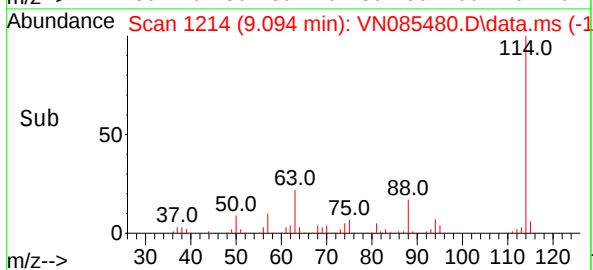
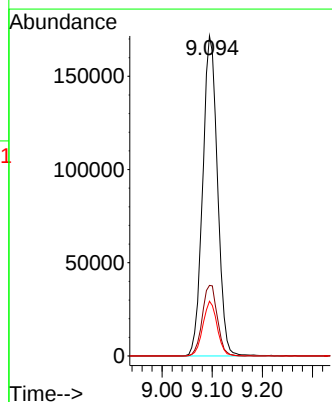
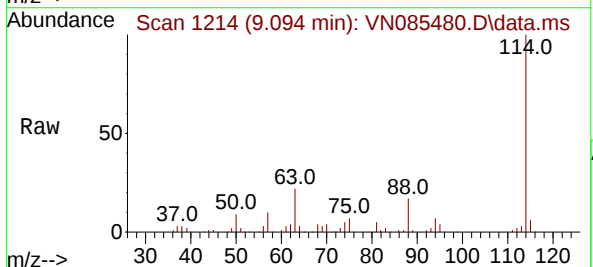
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

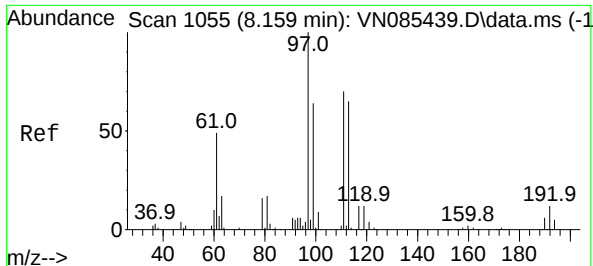
Tgt Ion: 65 Resp: 175024
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.094 min Scan# 1214
 Delta R.T. 0.000 min
 Lab File: VN085480.D
 Acq: 17 Jan 2025 09:06

Tgt Ion: 114 Resp: 352497
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 47.6
 88 17.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.309 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VN085480.D

Acq: 17 Jan 2025 09:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

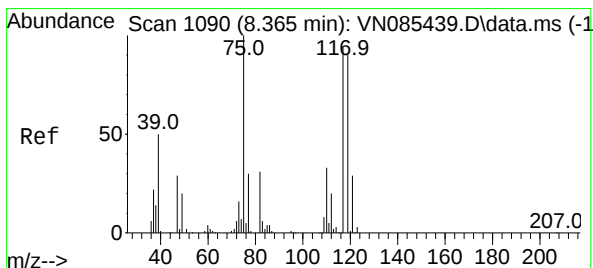
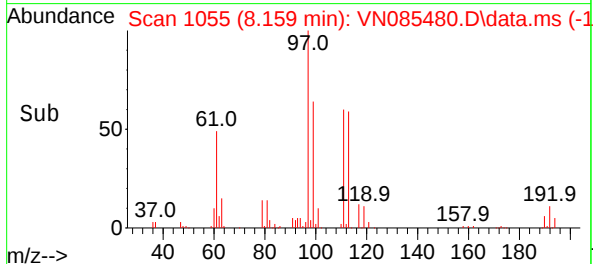
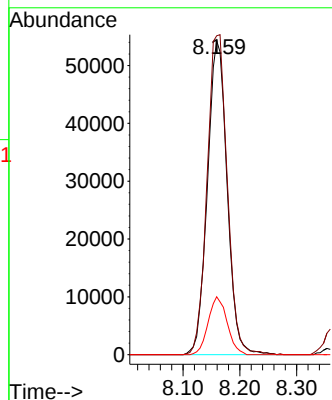
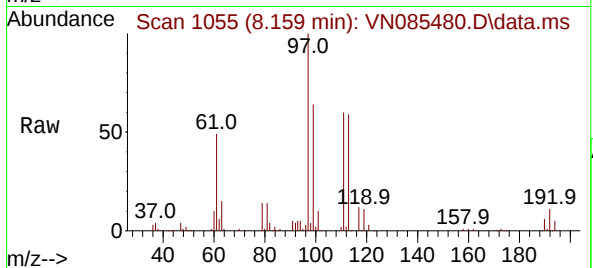
Tgt Ion:113 Resp: 130366

Ion Ratio Lower Upper

113 100

111 104.9 82.7 124.1

192 17.8 14.3 21.5



#36

1,1-Dichloropropene

Concen: 52.635 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VN085480.D

Acq: 17 Jan 2025 09:06

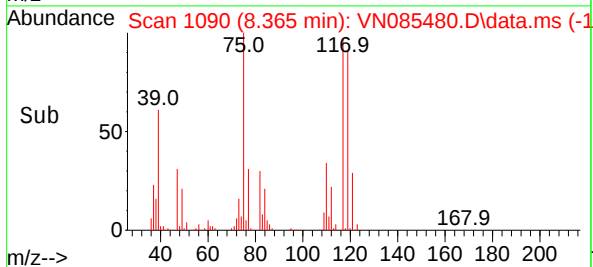
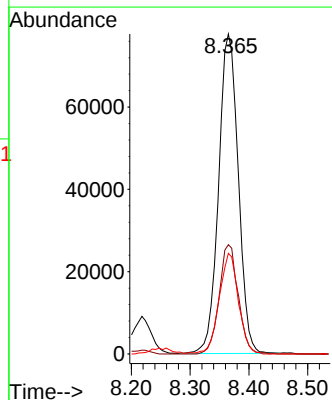
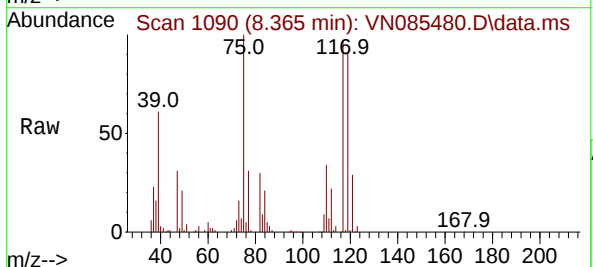
Tgt Ion: 75 Resp: 180652

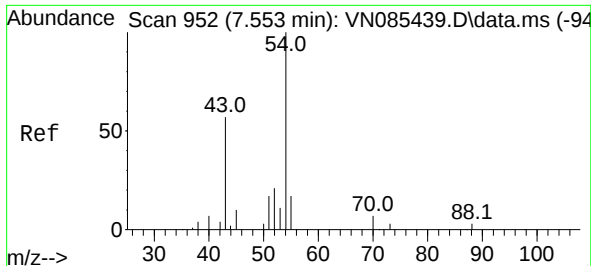
Ion Ratio Lower Upper

75 100

110 33.1 16.5 49.5

77 31.0 24.4 36.6





#37

Ethyl Acetate

Concen: 46.610 ug/l

RT: 7.553 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN085480.D

Acq: 17 Jan 2025 09:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

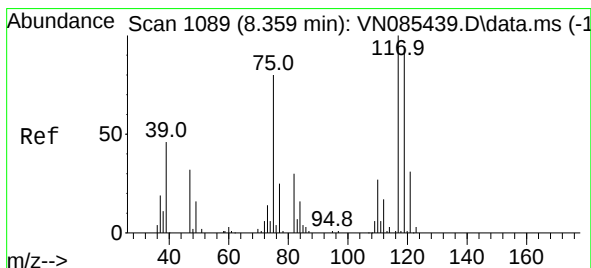
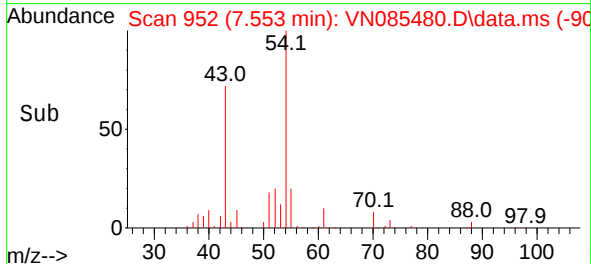
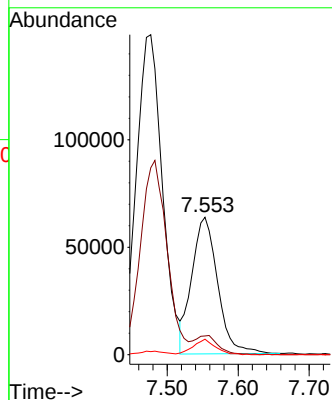
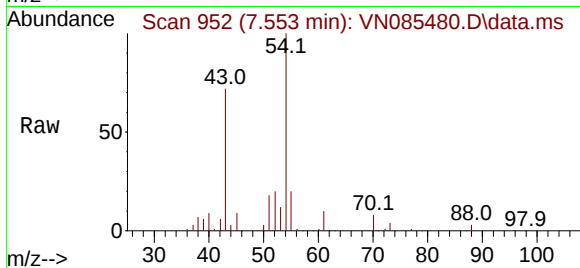
Tgt Ion: 43 Resp: 161469

Ion Ratio Lower Upper

43 100

61 11.8 10.9 16.3

70 9.7 7.5 11.3



#38

Carbon Tetrachloride

Concen: 52.367 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VN085480.D

Acq: 17 Jan 2025 09:06

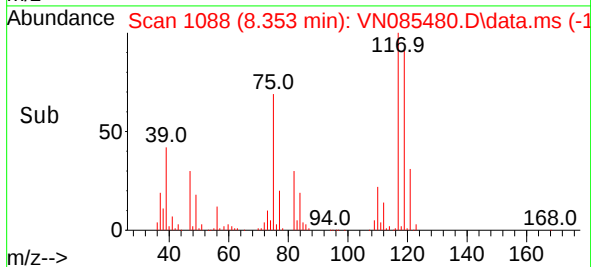
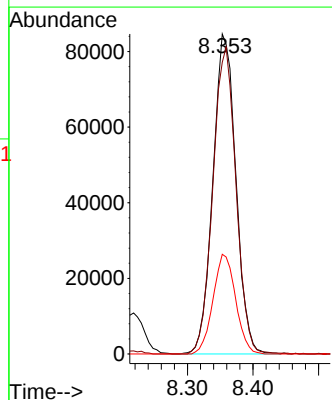
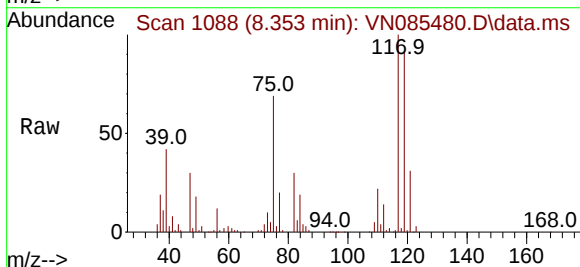
Tgt Ion: 117 Resp: 205764

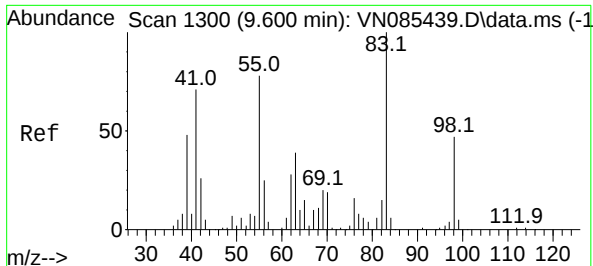
Ion Ratio Lower Upper

117 100

119 91.2 75.4 113.2

121 31.1 24.6 37.0

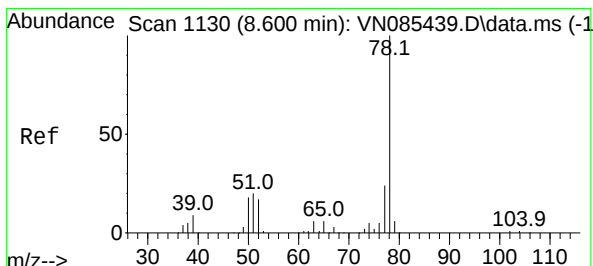
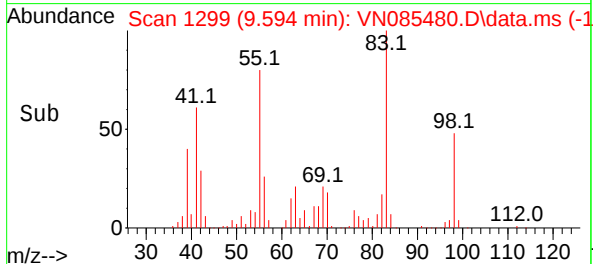
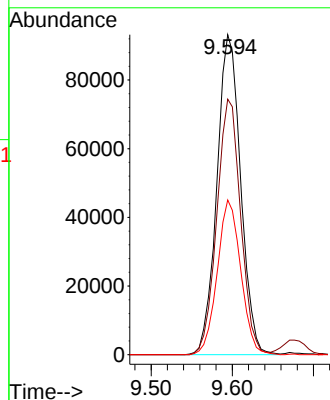
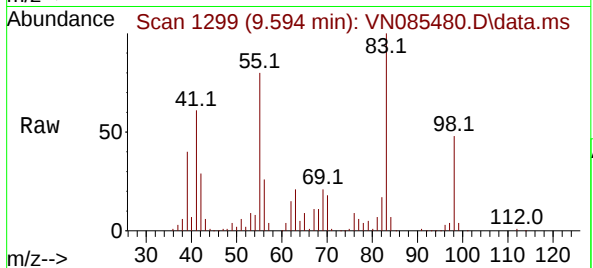




#39
Methylcyclohexane
Concen: 58.827 ug/l
RT: 9.594 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:06

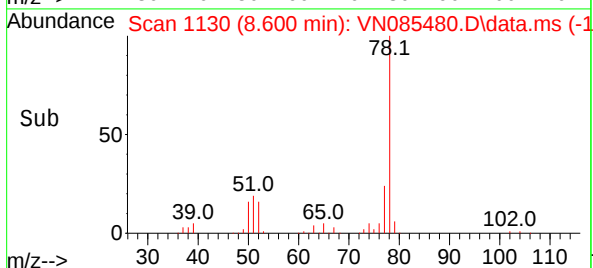
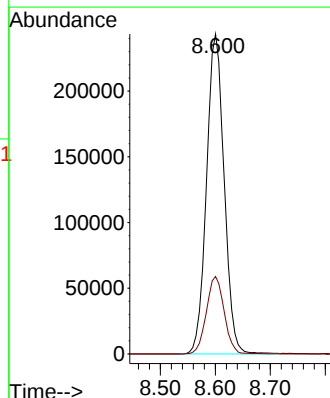
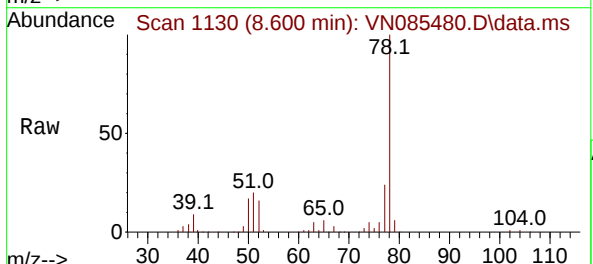
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

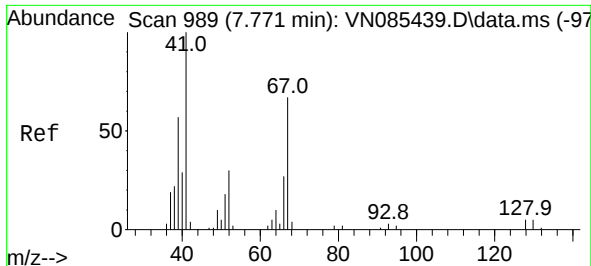
Tgt Ion: 83 Resp: 189728
Ion Ratio Lower Upper
83 100
55 79.9 62.6 94.0
98 48.4 37.7 56.5



#40
Benzene
Concen: 52.520 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:06

Tgt Ion: 78 Resp: 541617
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.6

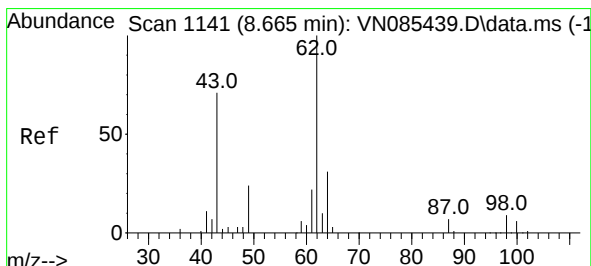
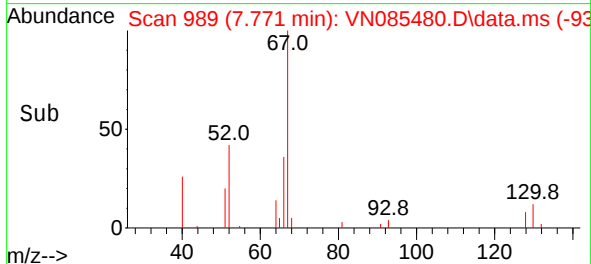
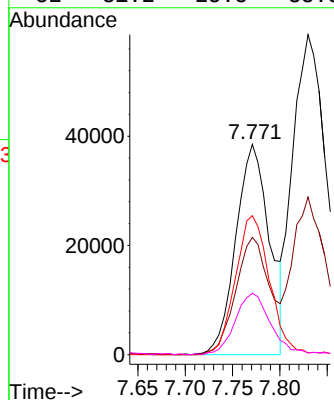
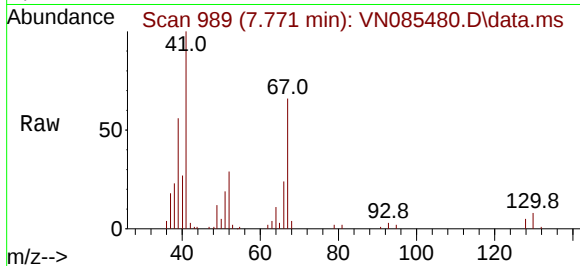




#41
Methacrylonitrile
Concen: 52.946 ug/l
RT: 7.771 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:06

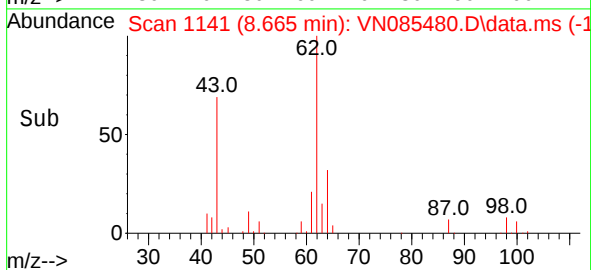
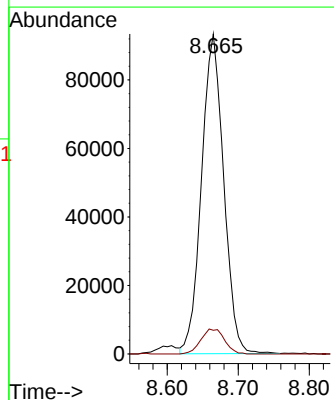
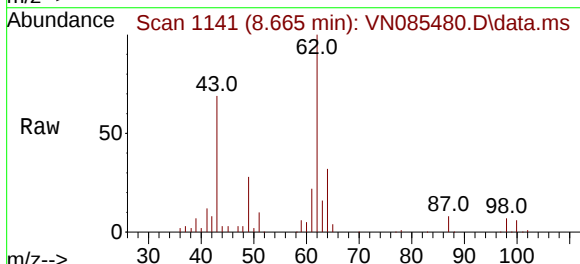
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

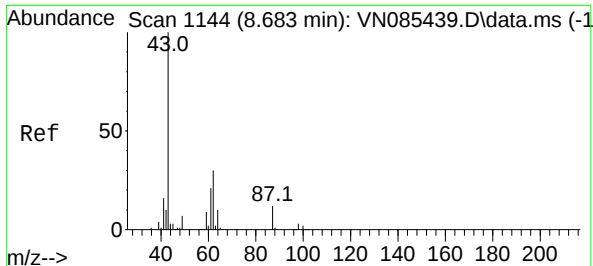
Tgt Ion:	41	Resp:	95427
Ion	Ratio	Lower	Upper
41	100		
39	56.6	46.0	69.0
67	67.4	57.4	86.2
52	31.2	25.5	38.3



#42
1,2-Dichloroethane
Concen: 52.119 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:06

Tgt Ion:	62	Resp:	202429
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.0





#43

Isopropyl Acetate

Concen: 50.535 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. 0.000 min

Lab File: VN085480.D

Acq: 17 Jan 2025 09:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

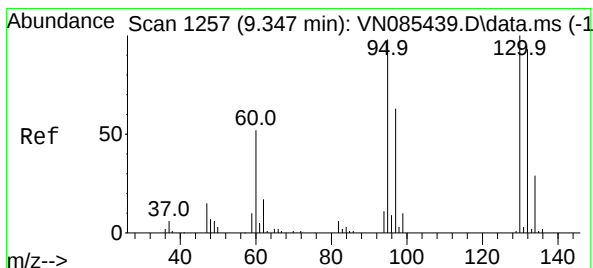
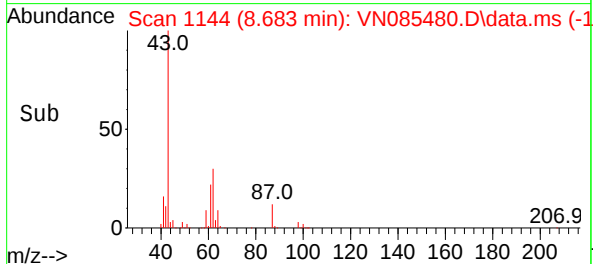
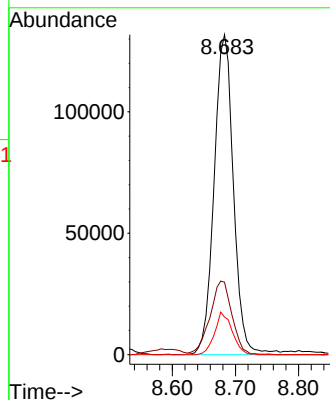
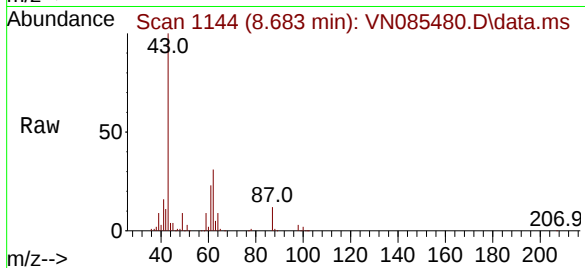
Tgt Ion: 43 Resp: 280521

Ion Ratio Lower Upper

43 100

61 26.3 20.7 31.1

87 12.1 9.8 14.8



#44

Trichloroethene

Concen: 51.288 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. 0.000 min

Lab File: VN085480.D

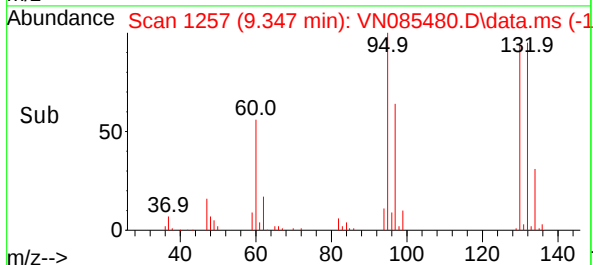
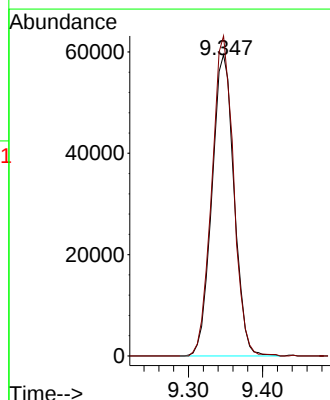
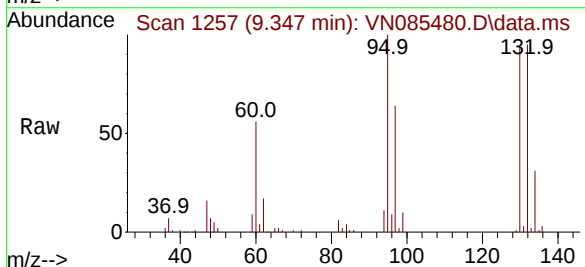
Acq: 17 Jan 2025 09:06

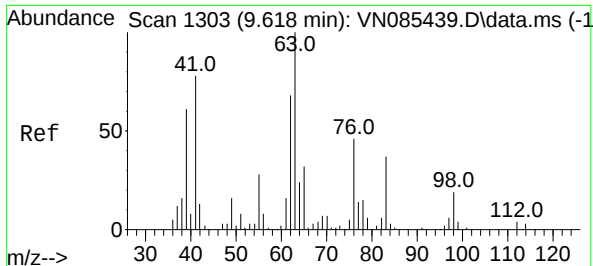
Tgt Ion:130 Resp: 123117

Ion Ratio Lower Upper

130 100

95 106.2 0.0 195.8

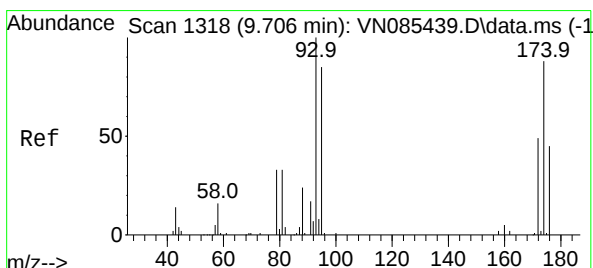
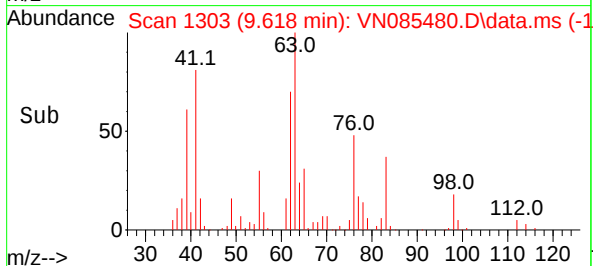
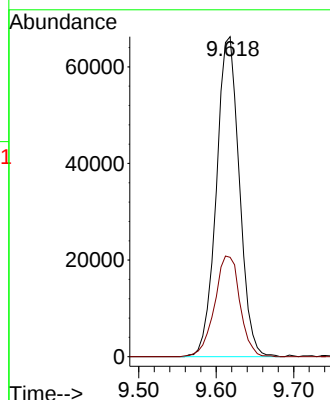
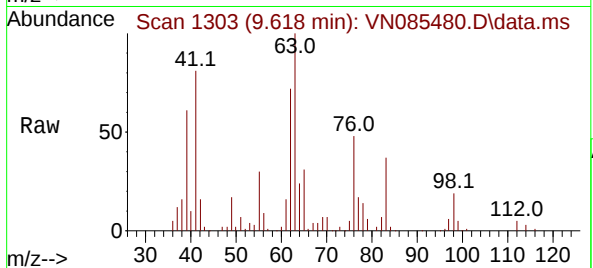




#45
1,2-Dichloropropane
Concen: 51.803 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:06

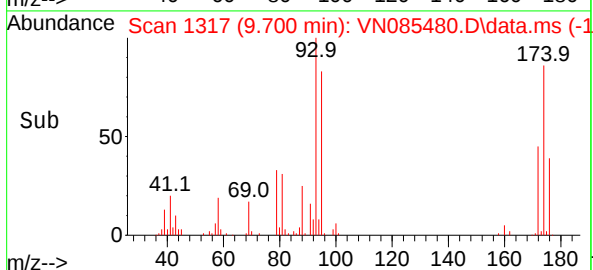
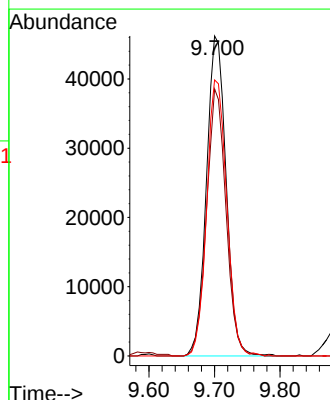
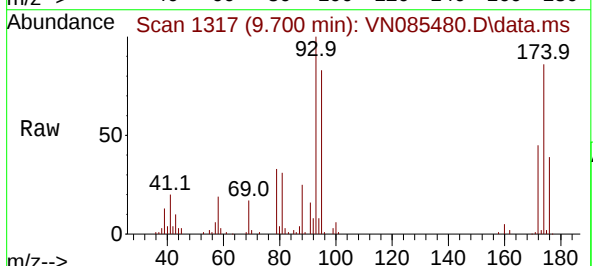
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

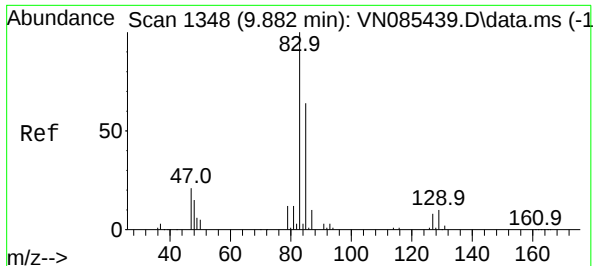
Tgt Ion: 63 Resp: 136455
Ion Ratio Lower Upper
63 100
65 31.1 25.6 38.4



#46
Dibromomethane
Concen: 50.733 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:06

Tgt Ion: 93 Resp: 96427
Ion Ratio Lower Upper
93 100
95 82.2 64.7 97.1
174 87.9 69.0 103.4

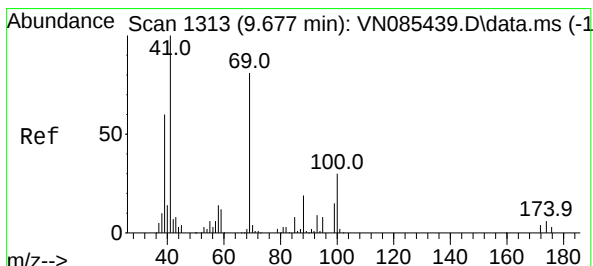
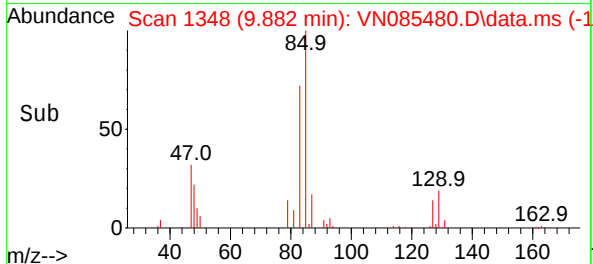
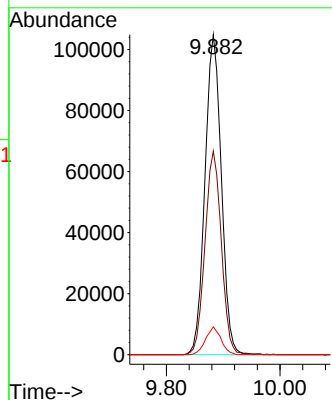
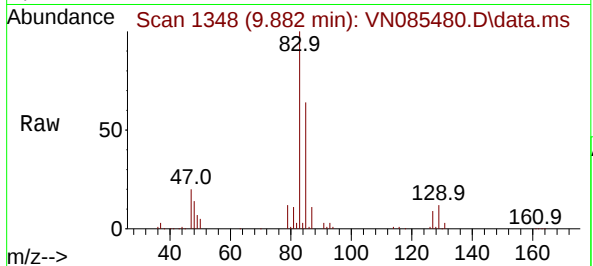




#47
Bromodichloromethane
Concen: 54.031 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:06

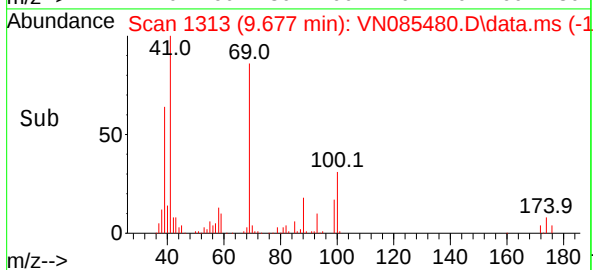
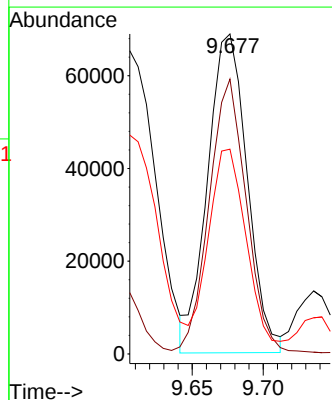
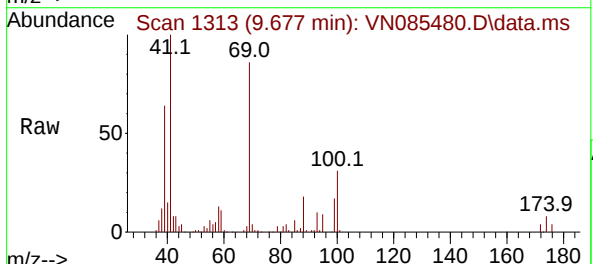
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

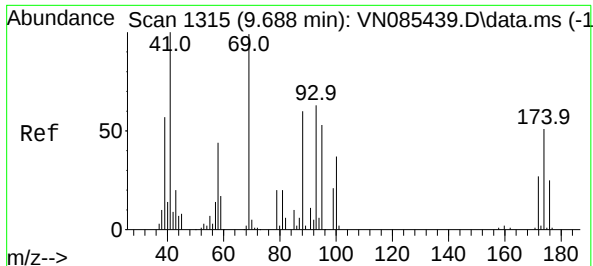
Tgt Ion: 83 Resp: 209222
Ion Ratio Lower Upper
83 100
85 63.6 51.2 76.8
127 8.7 6.5 9.7



#48
Methyl methacrylate
Concen: 53.586 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:06

Tgt Ion: 41 Resp: 133861
Ion Ratio Lower Upper
41 100
69 81.9 64.7 97.1
39 62.0 49.0 73.6

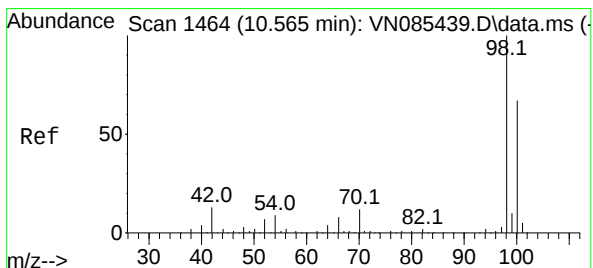
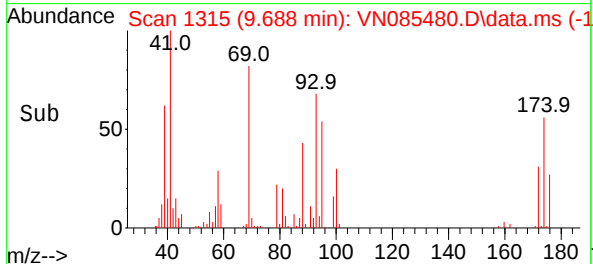
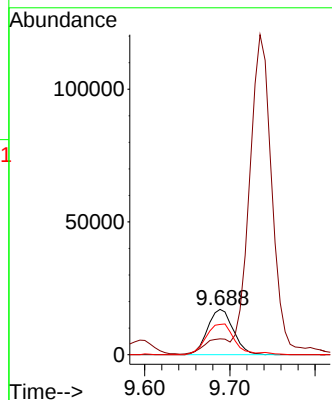
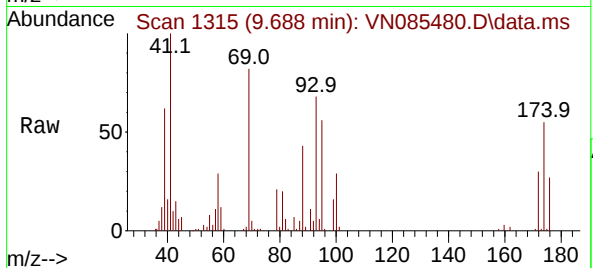




#49
1,4-Dioxane
Concen: 850.335 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:06

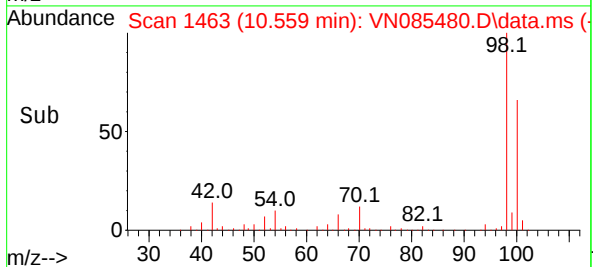
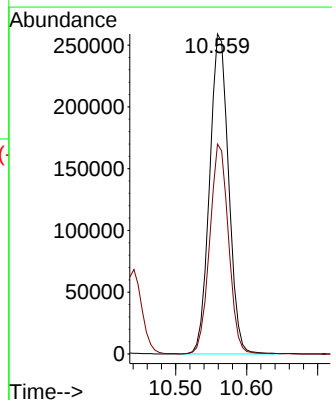
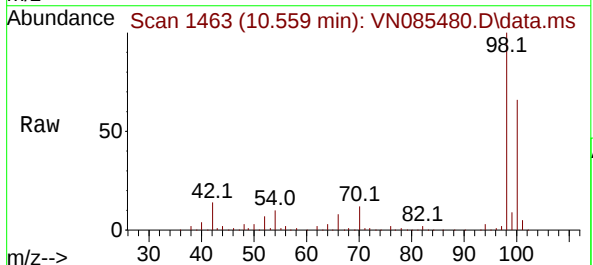
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

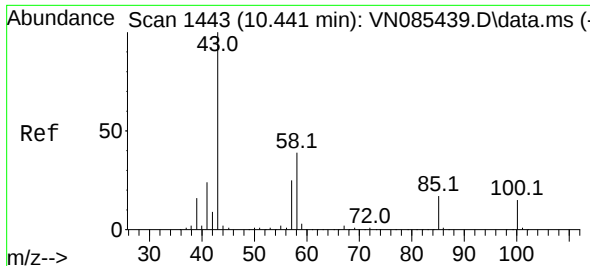
Tgt Ion: 88 Resp: 35771
Ion Ratio Lower Upper
88 100
43 33.5 26.6 39.8
58 75.3 59.5 89.3



#50
Toluene-d8
Concen: 55.338 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. -0.006 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:06

Tgt Ion: 98 Resp: 480814
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 253.890 ug/l

RT: 10.441 min Scan# 1443

Delta R.T. 0.000 min

Lab File: VN085480.D

Acq: 17 Jan 2025 09:06

Instrument :

MSVOA_N

ClientSampleId :

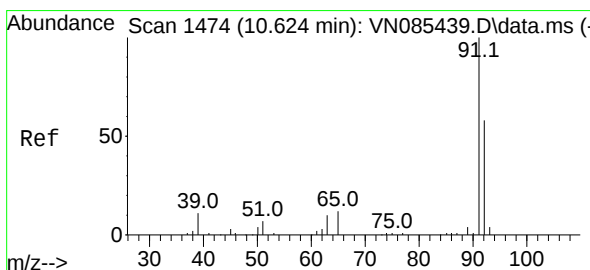
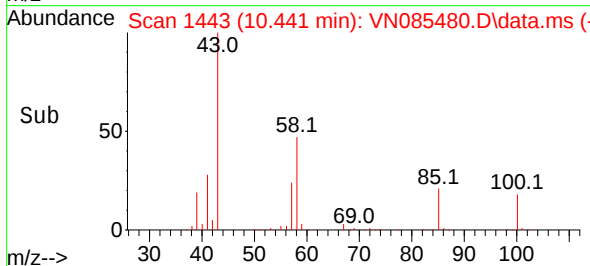
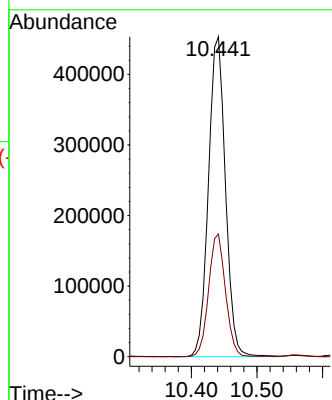
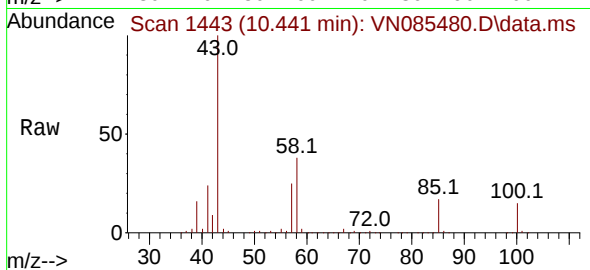
VSTDCCC050

Tgt Ion: 43 Resp: 817818

Ion Ratio Lower Upper

43 100

58 38.1 30.5 45.7



#52

Toluene

Concen: 56.095 ug/l

RT: 10.624 min Scan# 1474

Delta R.T. -0.000 min

Lab File: VN085480.D

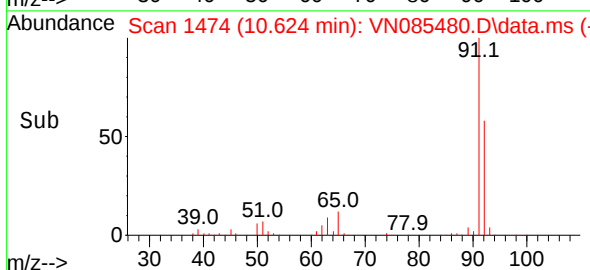
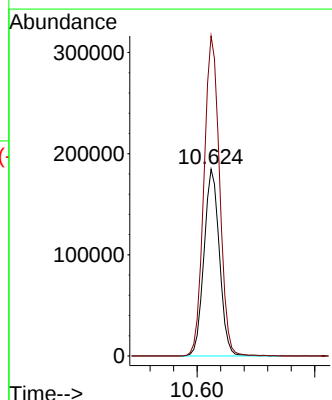
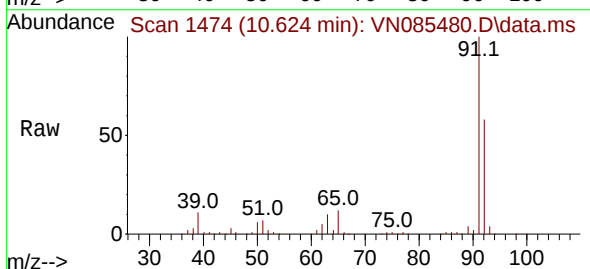
Acq: 17 Jan 2025 09:06

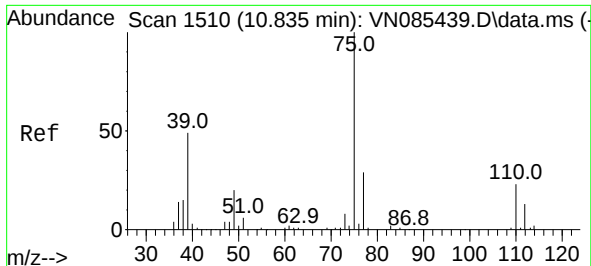
Tgt Ion: 92 Resp: 335184

Ion Ratio Lower Upper

92 100

91 174.0 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 56.335 ug/l

RT: 10.829 min Scan# 1510

Delta R.T. -0.006 min

Lab File: VN085480.D

Acq: 17 Jan 2025 09:06

Instrument :

MSVOA_N

ClientSampleId :

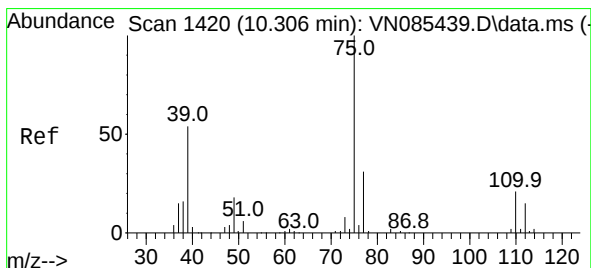
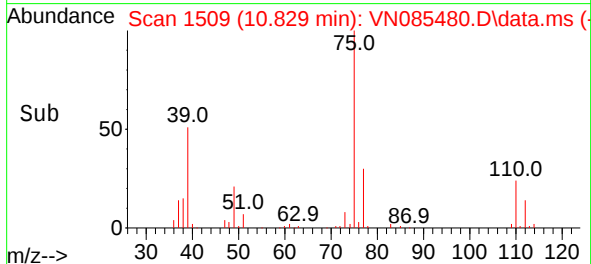
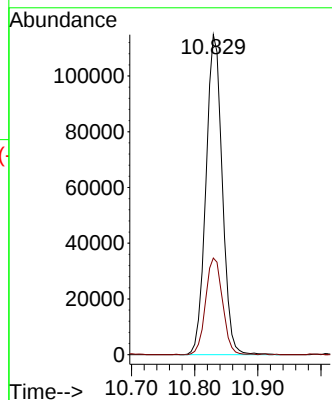
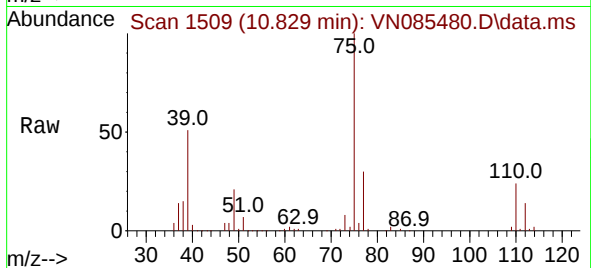
VSTDCCC050

Tgt Ion: 75 Resp: 206150

Ion Ratio Lower Upper

75 100

77 30.2 23.5 35.3



#54

cis-1,3-Dichloropropene

Concen: 56.047 ug/l

RT: 10.306 min Scan# 1420

Delta R.T. -0.000 min

Lab File: VN085480.D

Acq: 17 Jan 2025 09:06

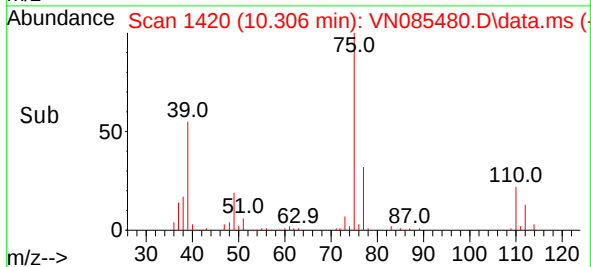
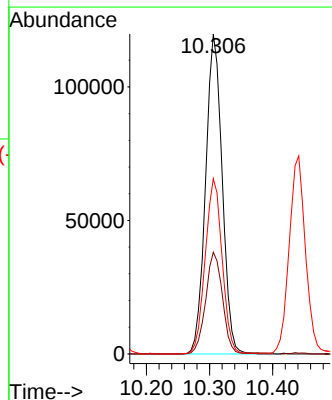
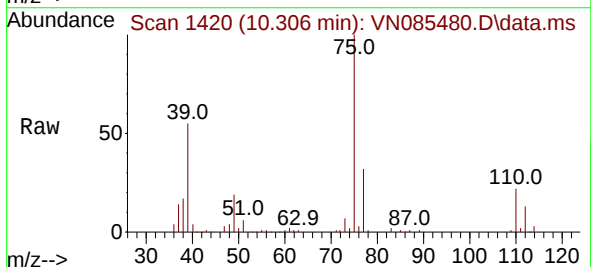
Tgt Ion: 75 Resp: 219075

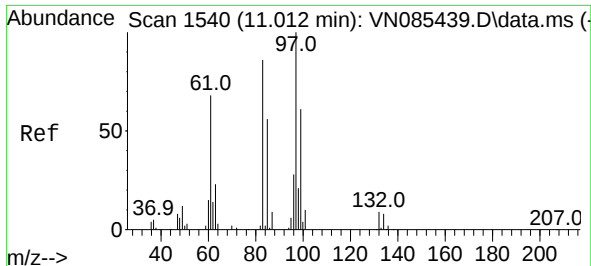
Ion Ratio Lower Upper

75 100

77 31.8 25.0 37.4

39 54.8 43.1 64.7



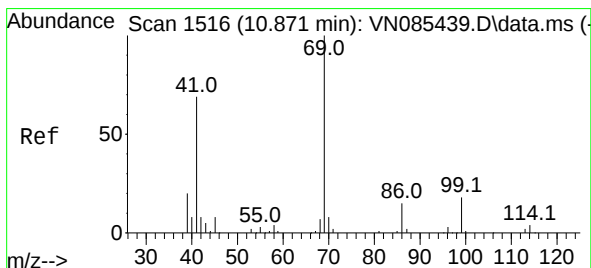
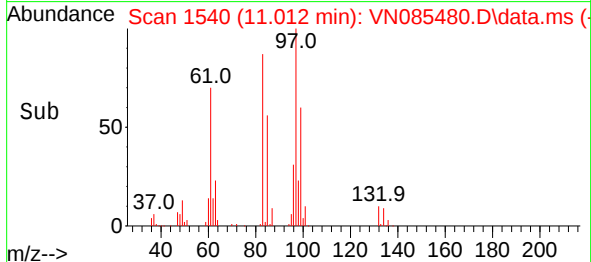
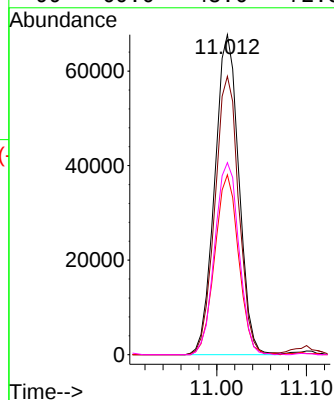
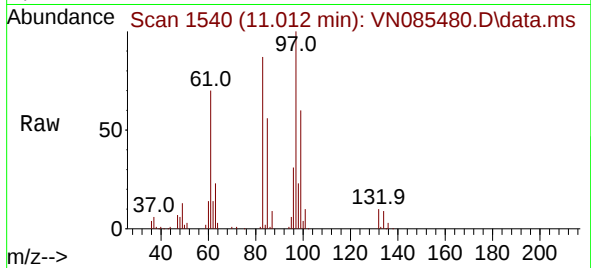


#55
1,1,2-Trichloroethane
Concen: 53.468 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 126436

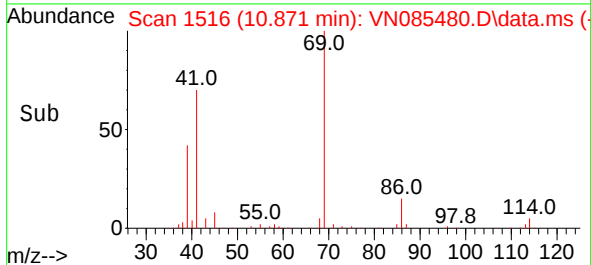
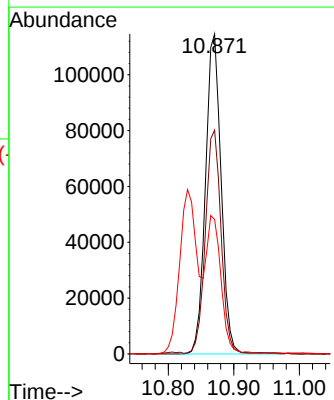
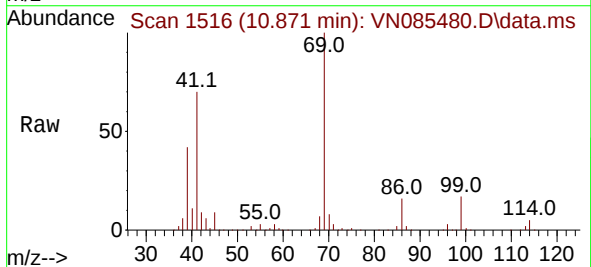
Ion	Ratio	Lower	Upper
97	100		
83	87.0	69.0	103.6
85	56.2	44.6	66.8
99	60.0	48.6	72.8

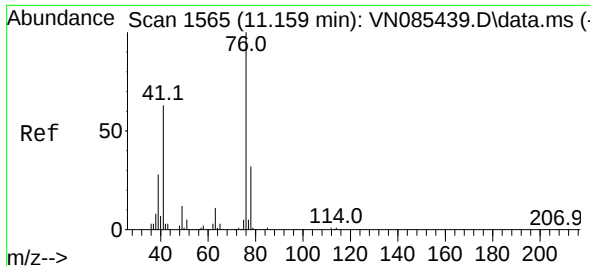


#56
Ethyl methacrylate
Concen: 47.779 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:06

Tgt Ion: 69 Resp: 189969

Ion	Ratio	Lower	Upper
69	100		
41	69.7	54.6	82.0
39	39.2	32.4	48.6





#57

1,3-Dichloropropane

Concen: 53.734 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN085480.D

Acq: 17 Jan 2025 09:06

Instrument :

MSVOA_N

ClientSampleId :

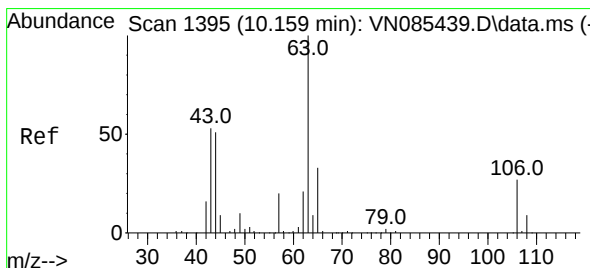
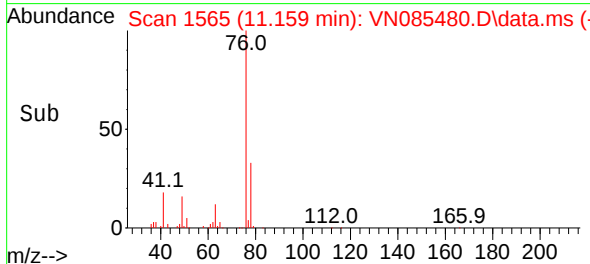
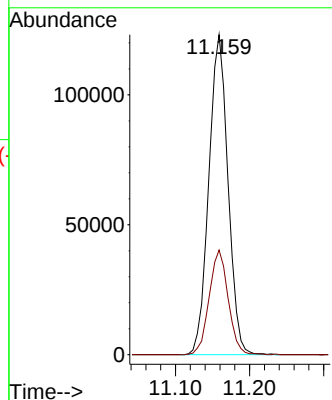
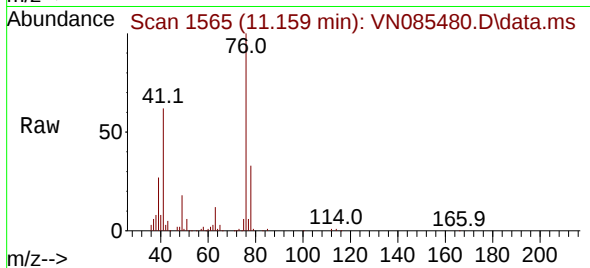
VSTDCCC050

Tgt Ion: 76 Resp: 220942

Ion Ratio Lower Upper

76 100

78 32.4 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 282.869 ug/l

RT: 10.153 min Scan# 1394

Delta R.T. -0.006 min

Lab File: VN085480.D

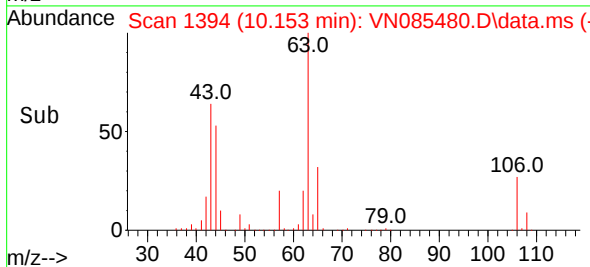
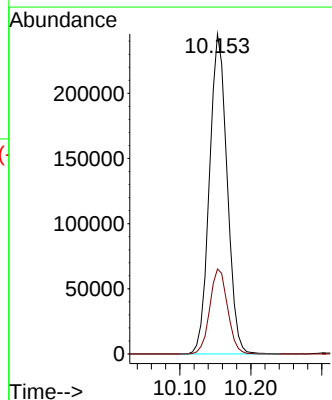
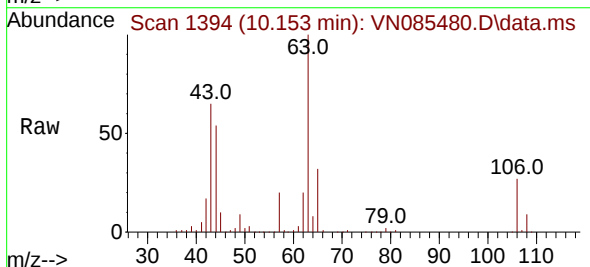
Acq: 17 Jan 2025 09:06

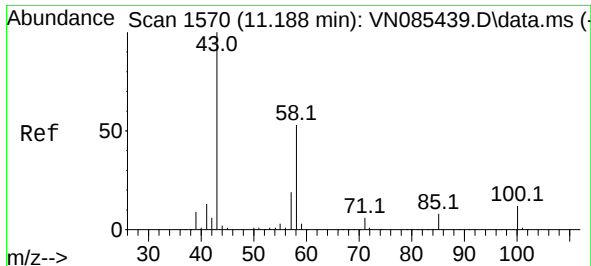
Tgt Ion: 63 Resp: 424481

Ion Ratio Lower Upper

63 100

106 26.7 21.6 32.4

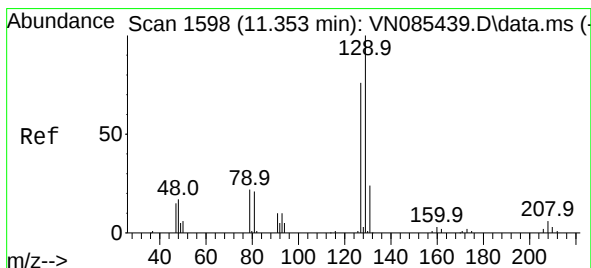
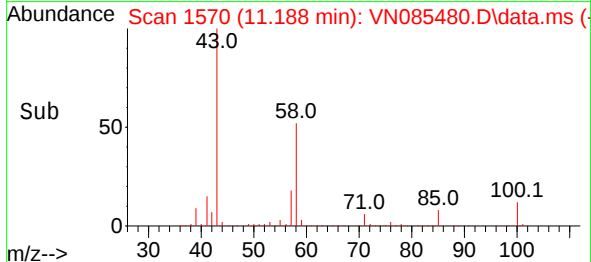
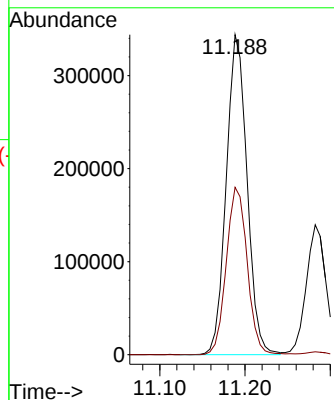
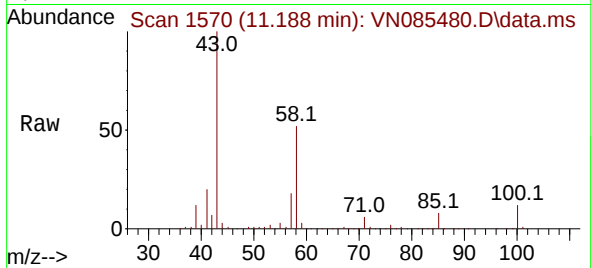




#59
2-Hexanone
Concen: 256.860 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:06

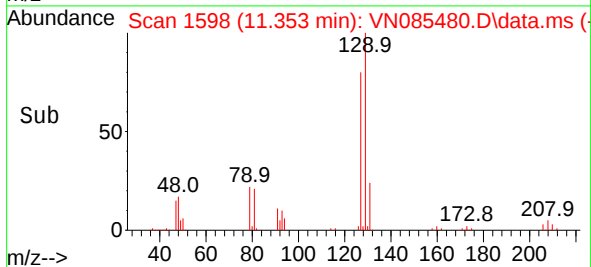
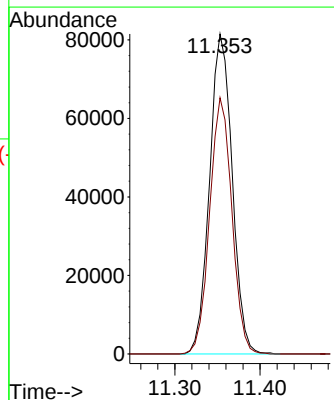
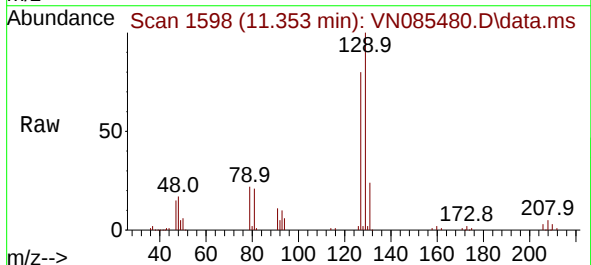
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

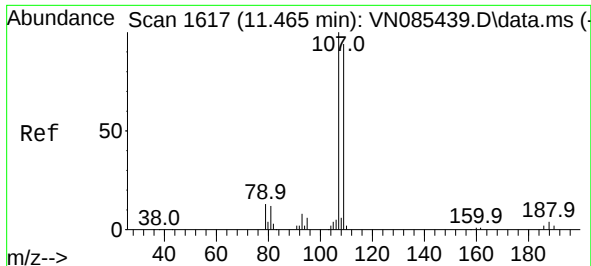
Tgt Ion: 43 Resp: 582174
Ion Ratio Lower Upper
43 100
58 52.8 26.2 78.6



#60
Dibromochloromethane
Concen: 52.720 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:06

Tgt Ion:129 Resp: 150510
Ion Ratio Lower Upper
129 100
127 78.5 38.6 115.8

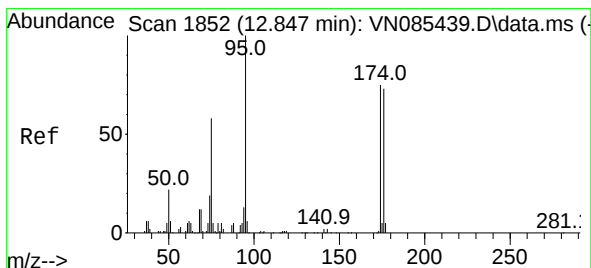
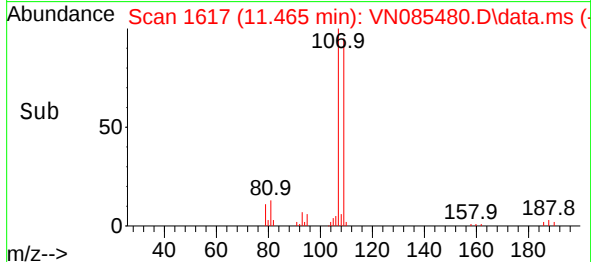
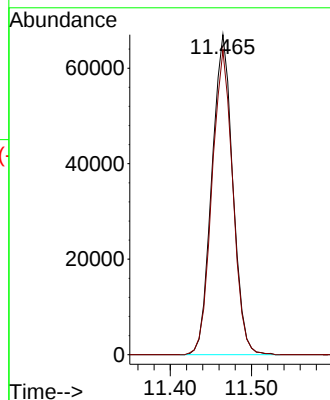
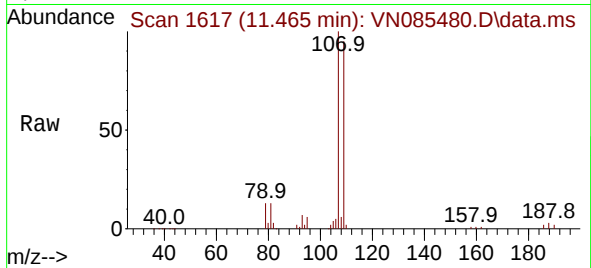




#61
1,2-Dibromoethane
Concen: 50.949 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:06

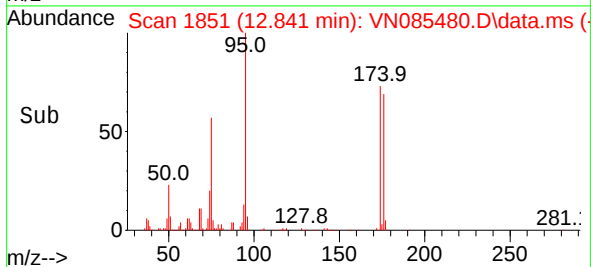
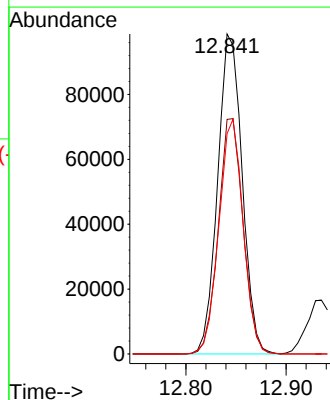
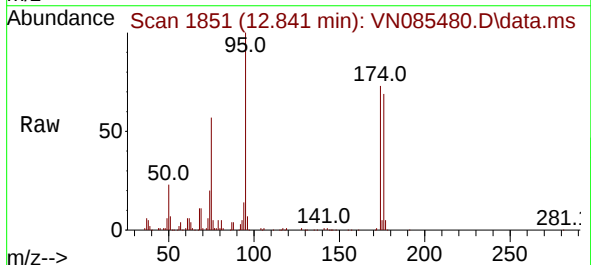
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

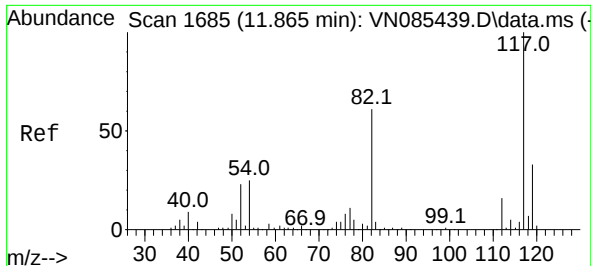
Tgt Ion:107 Resp: 119926
Ion Ratio Lower Upper
107 100
109 94.7 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 56.302 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:06

Tgt Ion: 95 Resp: 167339
Ion Ratio Lower Upper
95 100
174 74.1 0.0 145.0
176 72.5 0.0 142.4

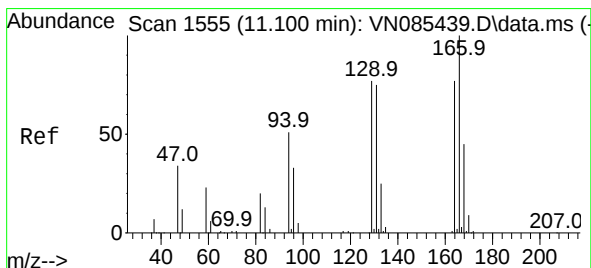
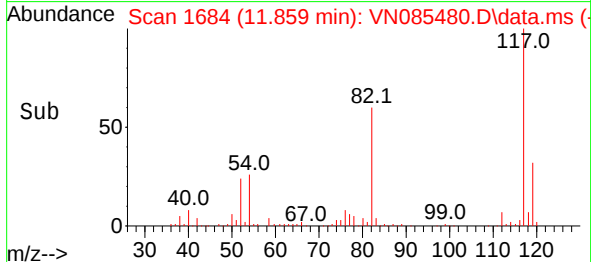
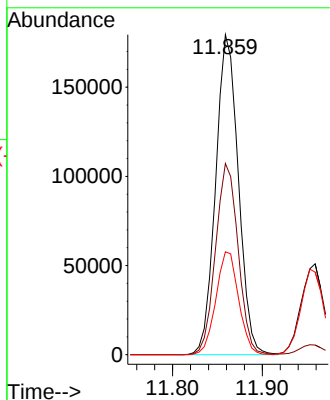
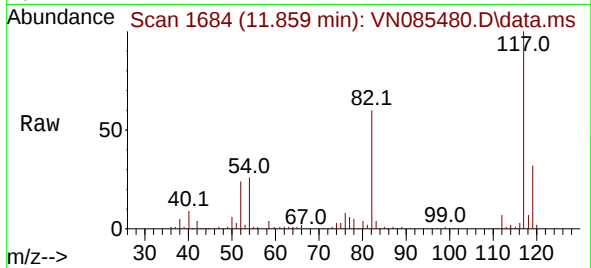




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:06

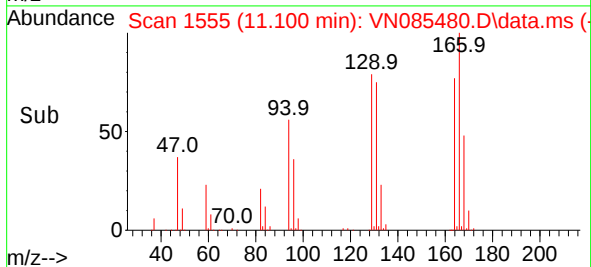
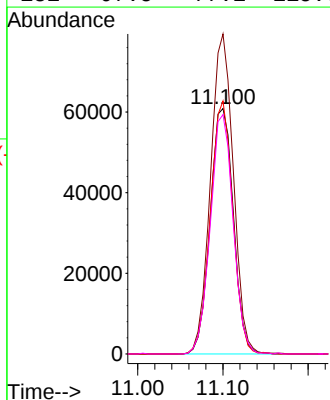
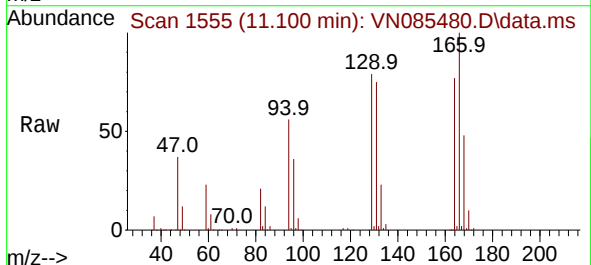
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

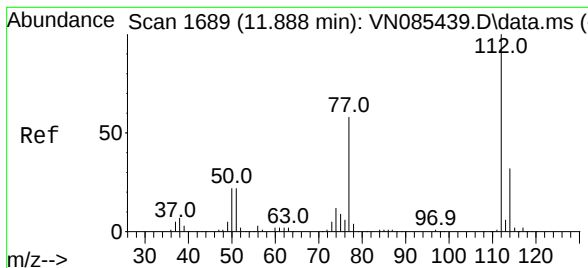
Tgt Ion:117 Resp: 315106
Ion Ratio Lower Upper
117 100
82 59.7 48.6 72.8
119 32.1 26.6 39.8



#64
Tetrachloroethene
Concen: 53.771 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:06

Tgt Ion:164 Resp: 115510
Ion Ratio Lower Upper
164 100
166 130.4 103.4 155.2
129 103.1 79.2 118.8
131 97.5 77.1 115.7

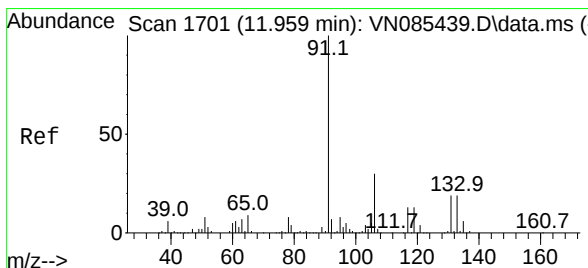
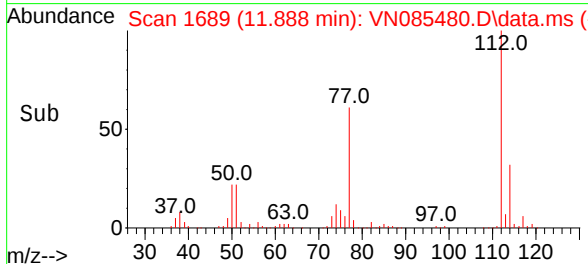
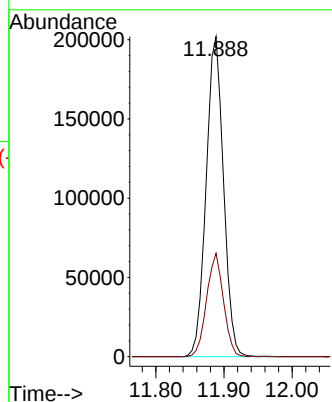
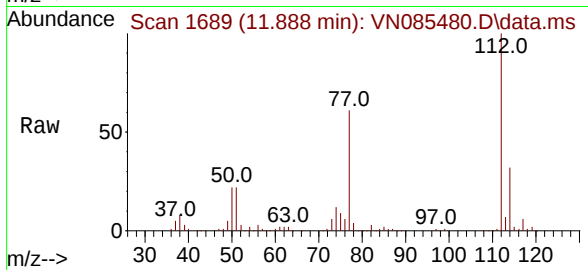




#65
Chlorobenzene
Concen: 51.877 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:06

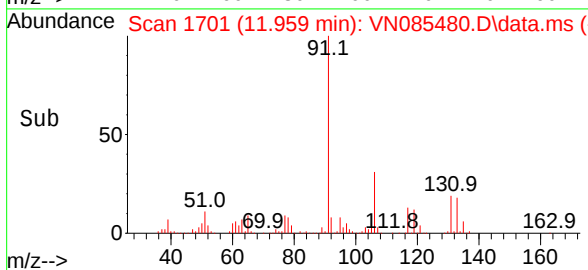
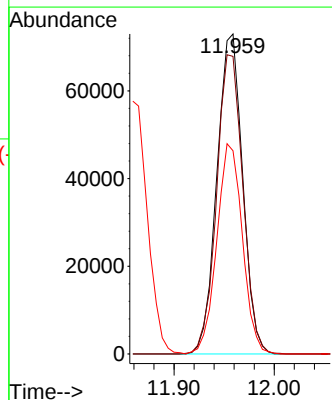
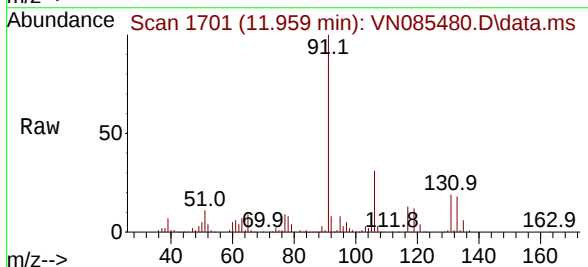
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

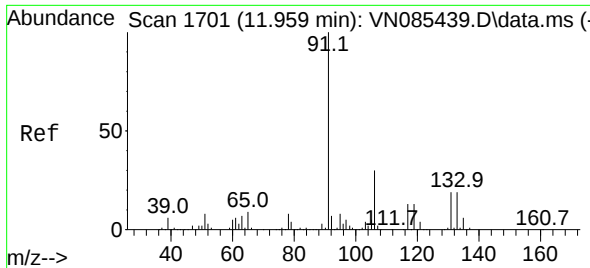
Tgt Ion:112 Resp: 358105
Ion Ratio Lower Upper
112 100
114 32.3 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 51.323 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:06

Tgt Ion:131 Resp: 130026
Ion Ratio Lower Upper
131 100
133 95.5 47.4 142.3
119 65.4 33.1 99.5

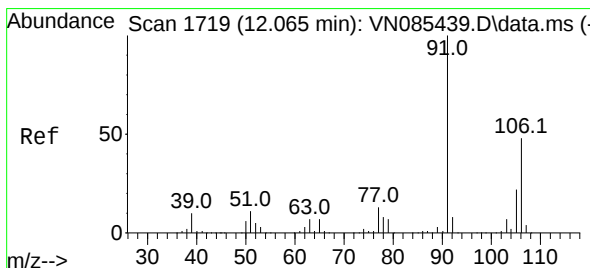
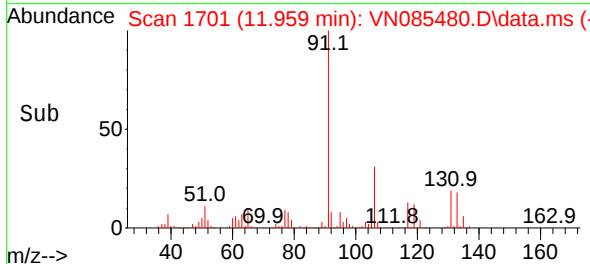
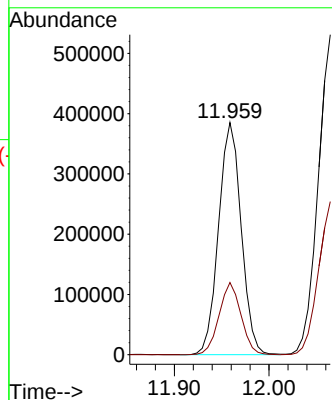
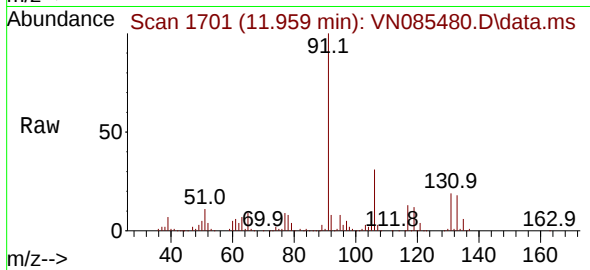




#67
Ethyl Benzene
Concen: 56.906 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:06

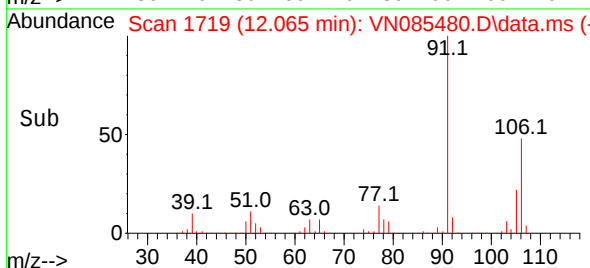
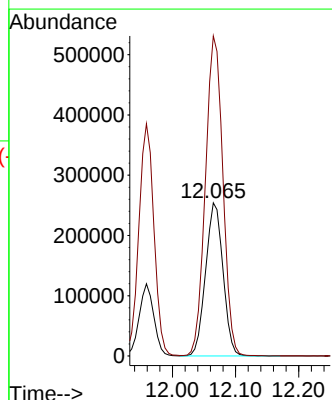
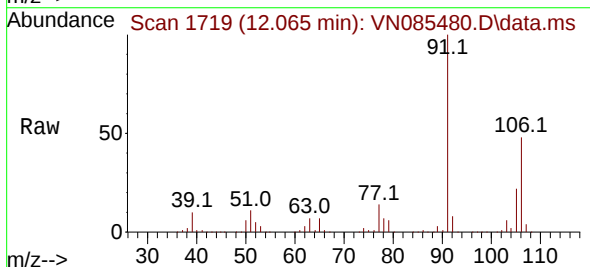
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

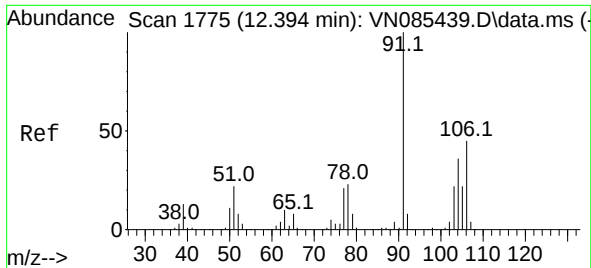
Tgt Ion: 91 Resp: 639798
Ion Ratio Lower Upper
91 100
106 31.1 23.8 35.8



#68
m/p-Xylenes
Concen: 116.753 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:06

Tgt Ion:106 Resp: 485139
Ion Ratio Lower Upper
106 100
91 210.2 167.7 251.5

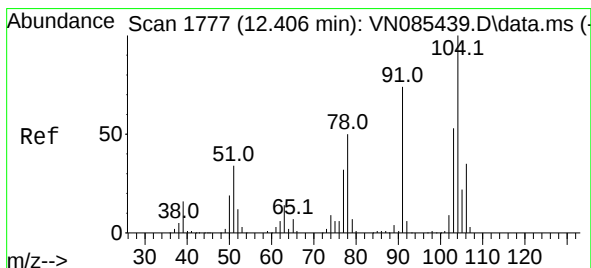
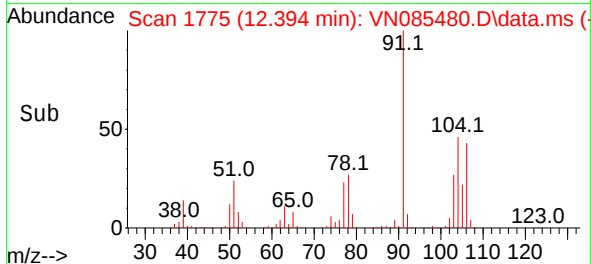
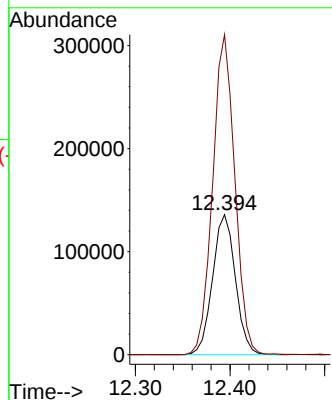
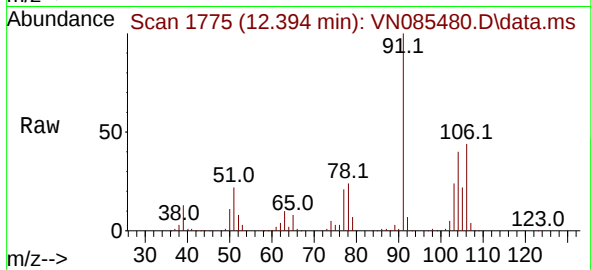




#69
o-Xylene
Concen: 57.330 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:06

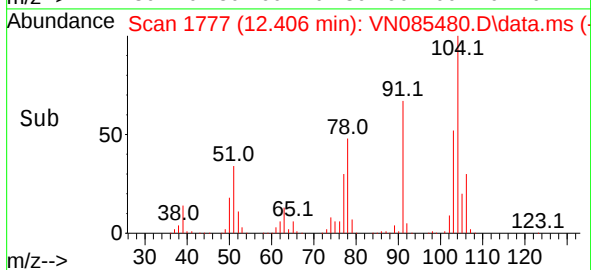
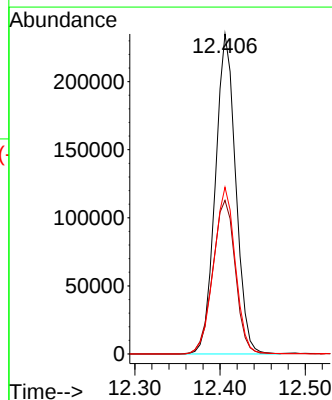
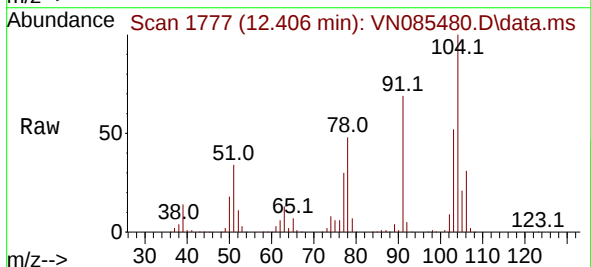
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

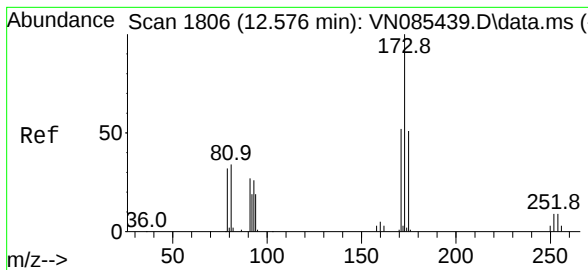
Tgt Ion:106 Resp: 227660
Ion Ratio Lower Upper
106 100
91 222.7 110.4 331.2



#70
Styrene
Concen: 59.419 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:06

Tgt Ion:104 Resp: 390499
Ion Ratio Lower Upper
104 100
78 53.2 42.5 63.7
103 55.5 43.8 65.8





#71

Bromoform

Concen: 53.432 ug/l

RT: 12.571 min Scan# 1805

Delta R.T. -0.006 min

Lab File: VN085480.D

Acq: 17 Jan 2025 09:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

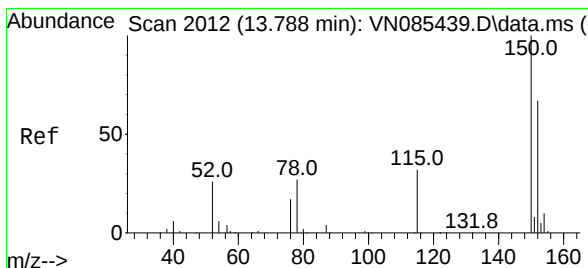
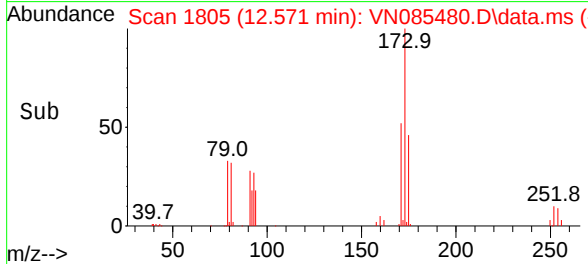
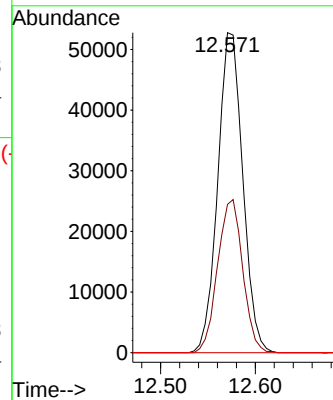
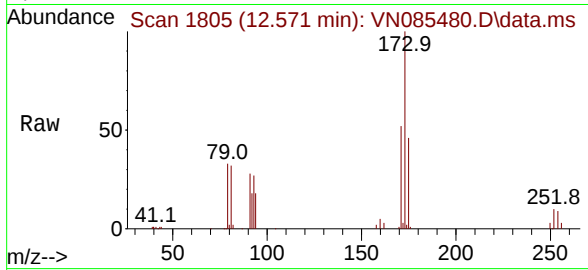
Tgt Ion:173 Resp: 96860

Ion Ratio Lower Upper

173 100

175 48.0 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: VN085480.D

Acq: 17 Jan 2025 09:06

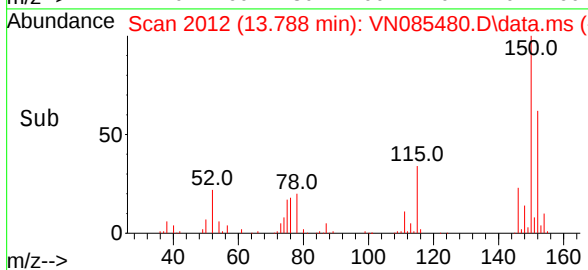
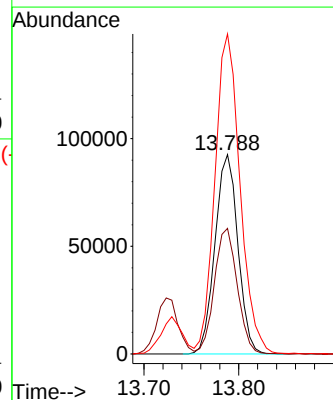
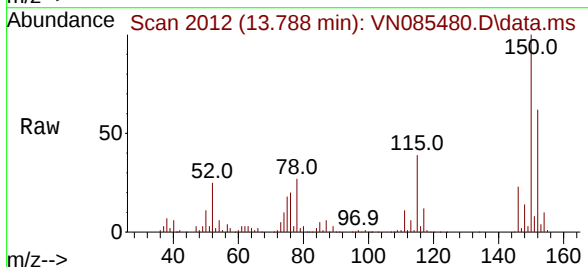
Tgt Ion:152 Resp: 155506

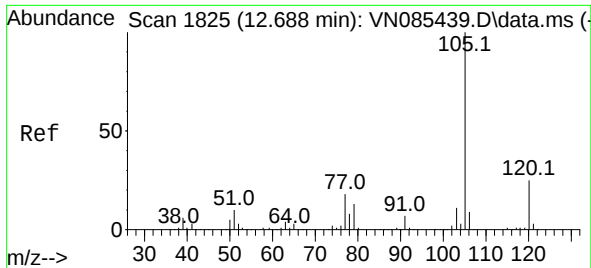
Ion Ratio Lower Upper

152 100

115 63.2 31.1 93.3

150 176.1 0.0 343.6

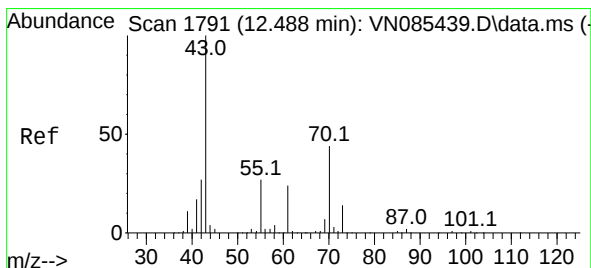
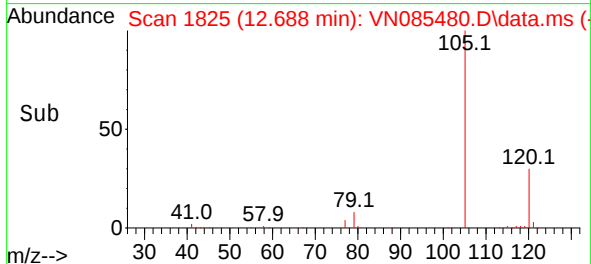
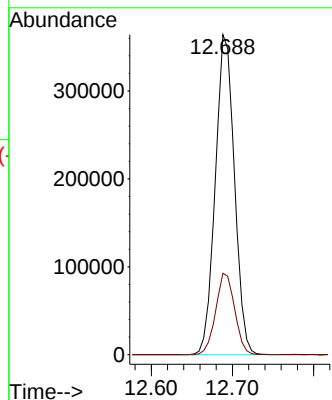
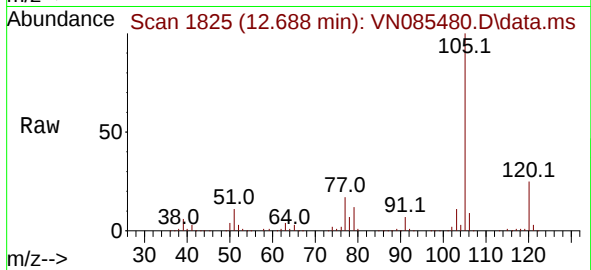




#73
Isopropylbenzene
Concen: 56.875 ug/l
RT: 12.688 min Scan# 1825
Delta R.T. 0.000 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:06

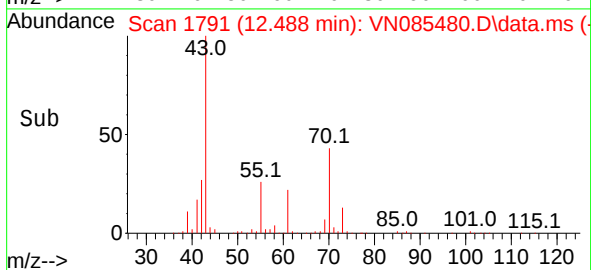
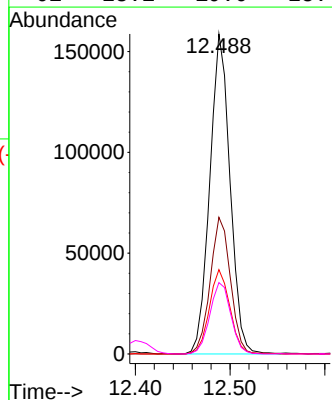
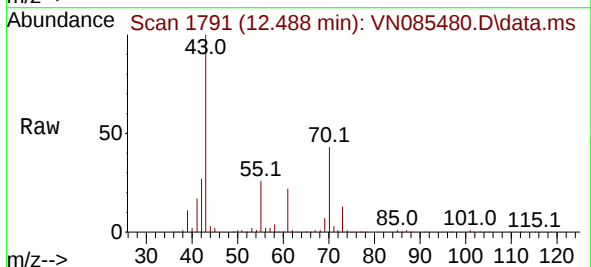
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

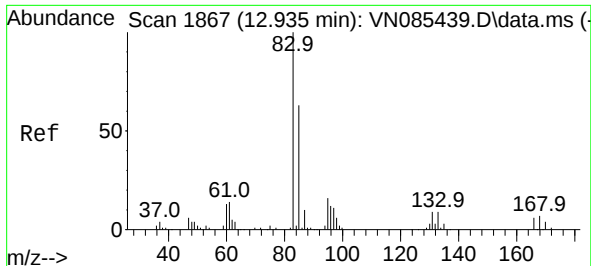
Tgt Ion:105 Resp: 596927
Ion Ratio Lower Upper
105 100
120 25.2 12.8 38.3



#74
N-ethyl acetate
Concen: 49.969 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:06

Tgt Ion: 43 Resp: 235727
Ion Ratio Lower Upper
43 100
70 42.6 34.0 51.0
55 26.8 21.4 32.2
61 23.1 19.0 28.4

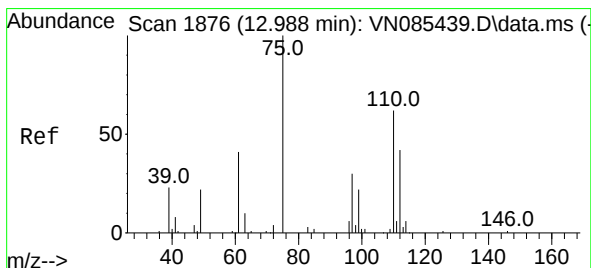
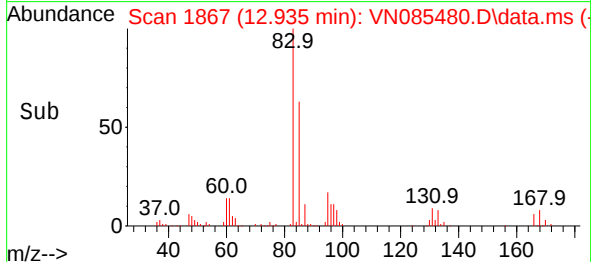
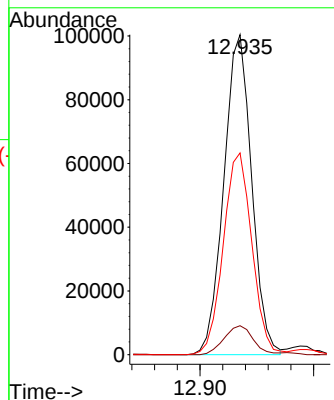
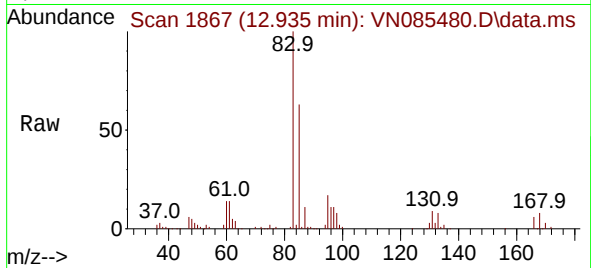




#75
 1,1,2,2-Tetrachloroethane
 Concen: 46.066 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN085480.D
 Acq: 17 Jan 2025 09:06

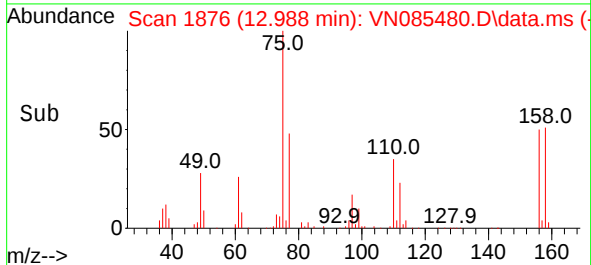
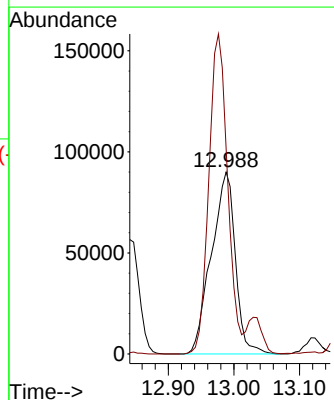
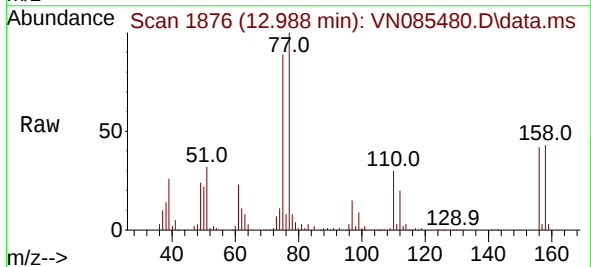
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

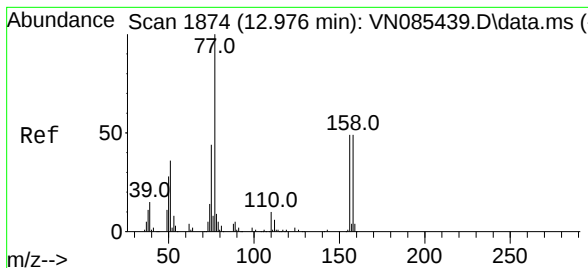
Tgt Ion: 83 Resp: 170784
 Ion Ratio Lower Upper
 83 100
 131 9.8 4.8 14.4
 85 64.9 32.2 96.6



#76
 1,2,3-Trichloropropane
 Concen: 72.147 ug/l
 RT: 12.988 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VN085480.D
 Acq: 17 Jan 2025 09:06

Tgt Ion: 75 Resp: 228036
 Ion Ratio Lower Upper
 75 100
 77 138.0 109.7 329.2





#77

Bromobenzene

Concen: 51.432 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN085480.D

Acq: 17 Jan 2025 09:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

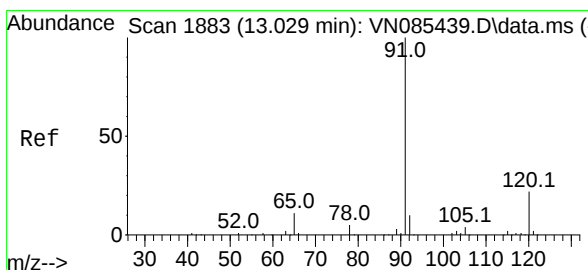
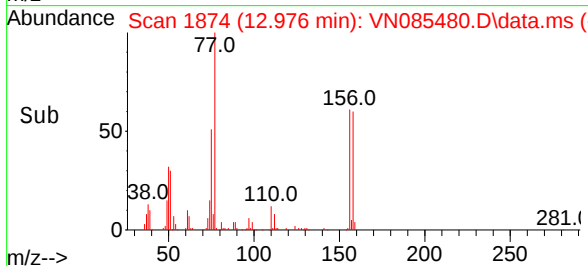
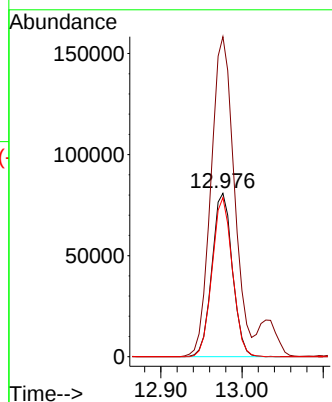
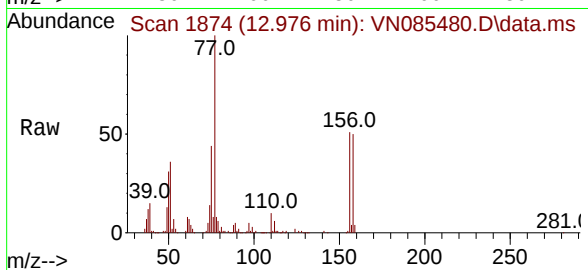
Tgt Ion:156 Resp: 141029

Ion Ratio Lower Upper

156 100

77 223.1 114.1 342.4

158 96.5 48.9 146.8



#78

n-propylbenzene

Concen: 58.277 ug/l

RT: 13.029 min Scan# 1883

Delta R.T. 0.000 min

Lab File: VN085480.D

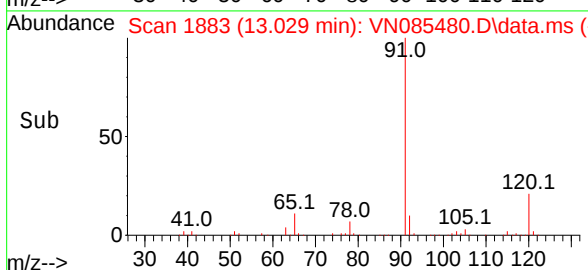
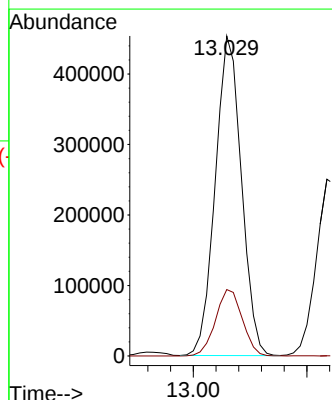
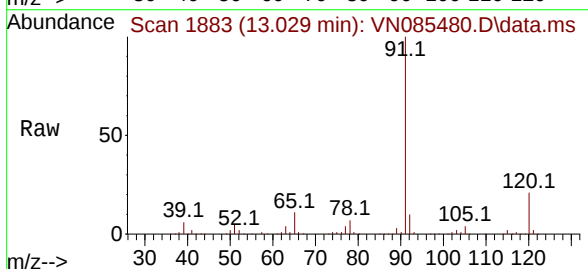
Acq: 17 Jan 2025 09:06

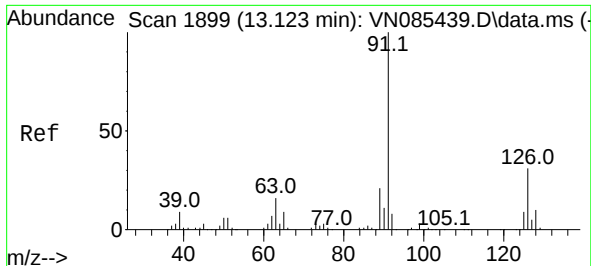
Tgt Ion: 91 Resp: 724074

Ion Ratio Lower Upper

91 100

120 21.3 10.9 32.6





#79

2-Chlorotoluene

Concen: 53.873 ug/l

RT: 13.118 min Scan# 1899

Delta R.T. -0.006 min

Lab File: VN085480.D

Acq: 17 Jan 2025 09:06

Instrument :

MSVOA_N

ClientSampleId :

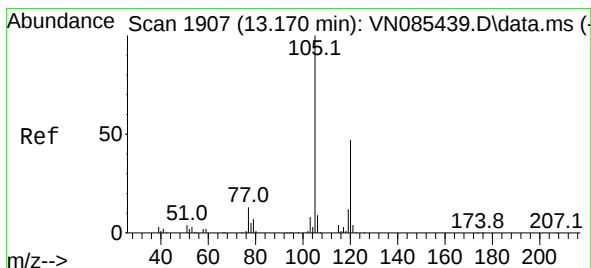
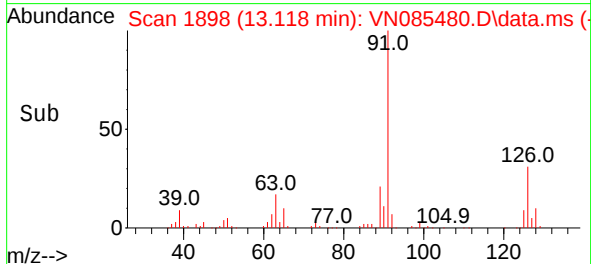
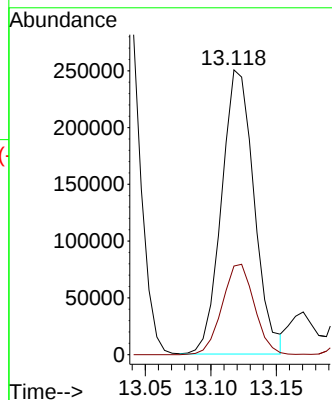
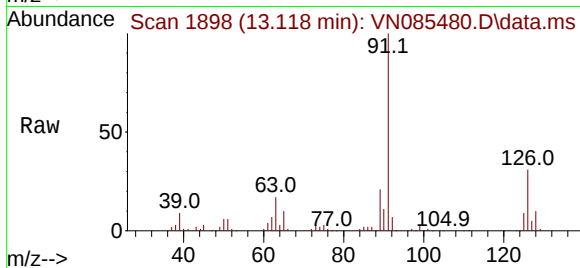
VSTDCCC050

Tgt Ion: 91 Resp: 433208

Ion Ratio Lower Upper

91 100

126 31.5 15.7 47.1



#80

1,3,5-Trimethylbenzene

Concen: 59.159 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN085480.D

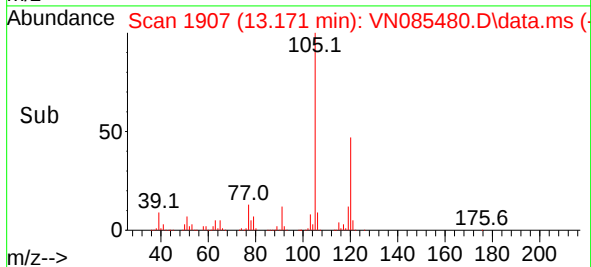
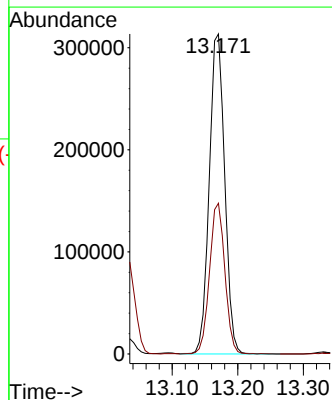
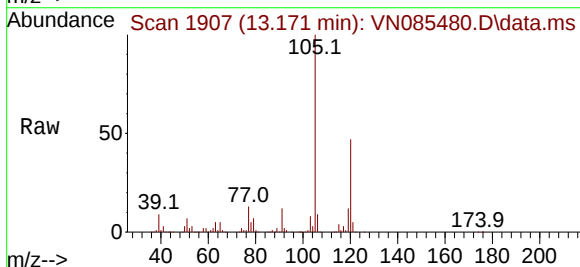
Acq: 17 Jan 2025 09:06

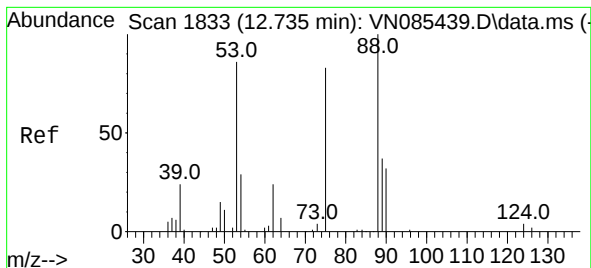
Tgt Ion:105 Resp: 512861

Ion Ratio Lower Upper

105 100

120 46.8 23.9 71.7

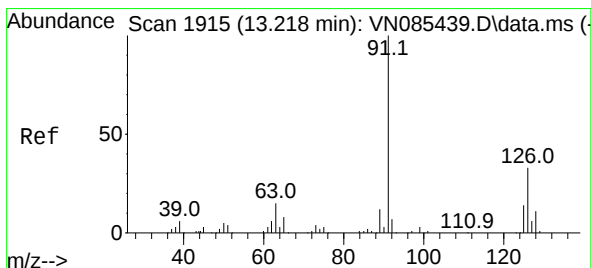
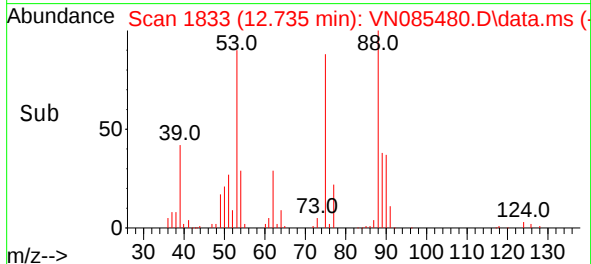
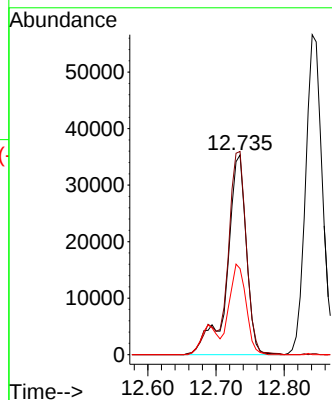
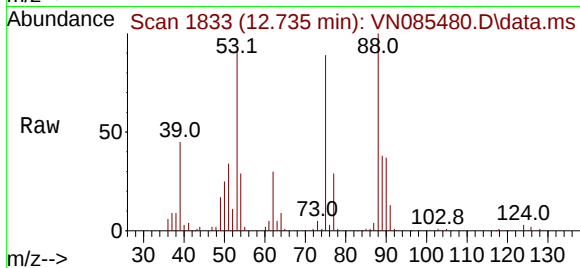




#81
trans-1,4-Dichloro-2-butene
Concen: 59.039 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:06

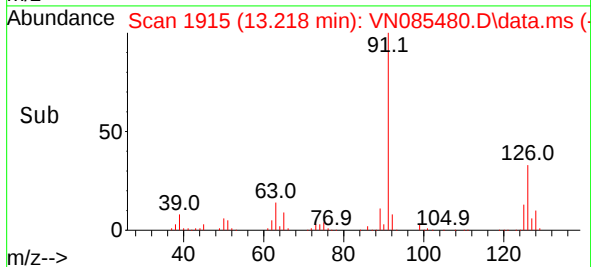
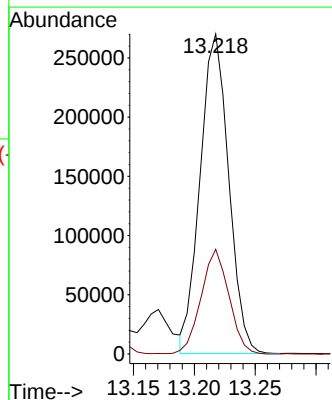
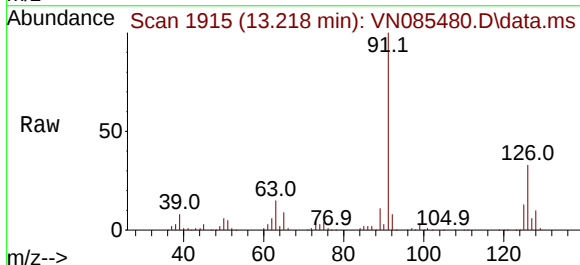
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

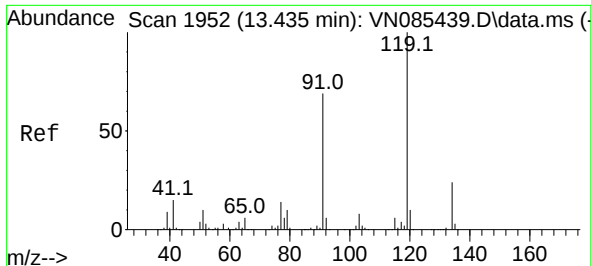
Tgt Ion: 75 Resp: 68970
Ion Ratio Lower Upper
75 100
53 93.2 95.6 143.4#
89 39.8 37.0 55.6



#82
4-Chlorotoluene
Concen: 55.012 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:06

Tgt Ion: 91 Resp: 440459
Ion Ratio Lower Upper
91 100
126 31.9 15.9 47.7





#83

tert-Butylbenzene

Concen: 57.605 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VN085480.D

Acq: 17 Jan 2025 09:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

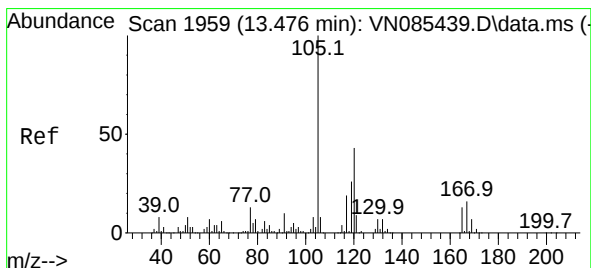
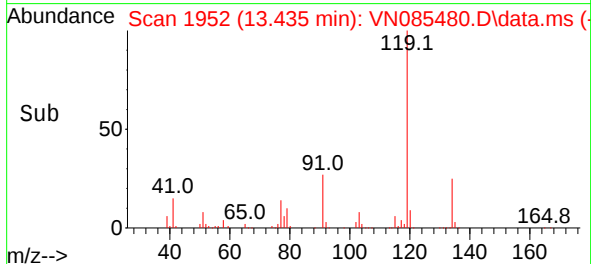
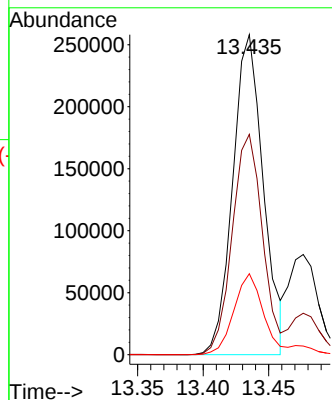
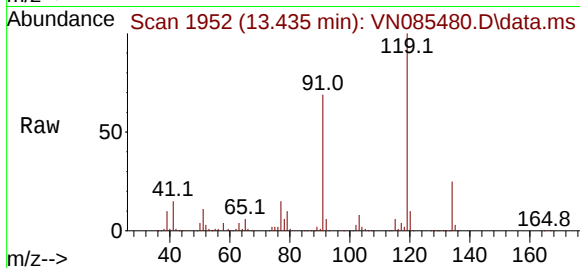
Tgt Ion:119 Resp: 419373

Ion Ratio Lower Upper

119 100

91 68.2 35.1 105.3

134 24.4 12.0 36.1



#84

1,2,4-Trimethylbenzene

Concen: 59.278 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. 0.000 min

Lab File: VN085480.D

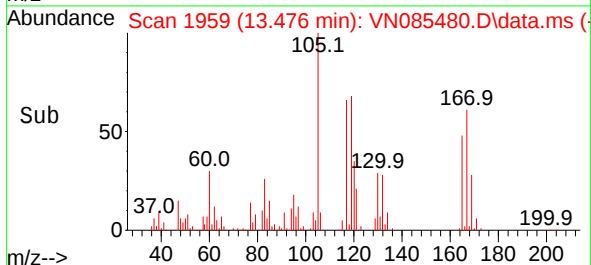
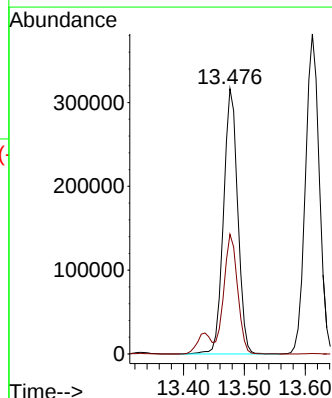
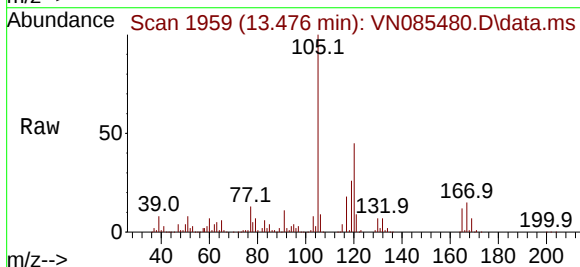
Acq: 17 Jan 2025 09:06

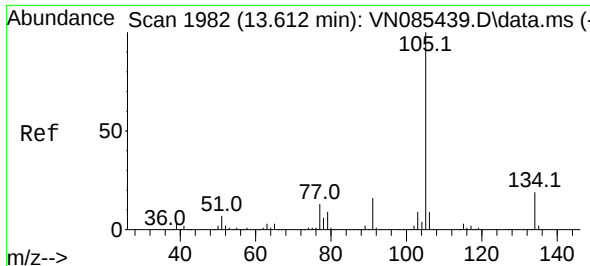
Tgt Ion:105 Resp: 512189

Ion Ratio Lower Upper

105 100

120 44.1 21.6 65.0

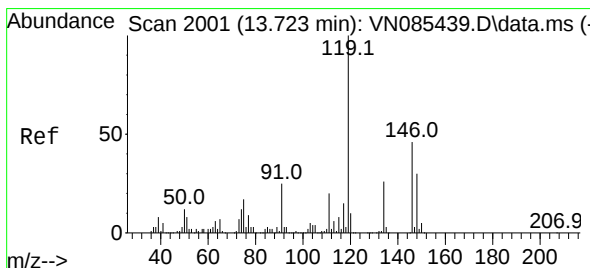
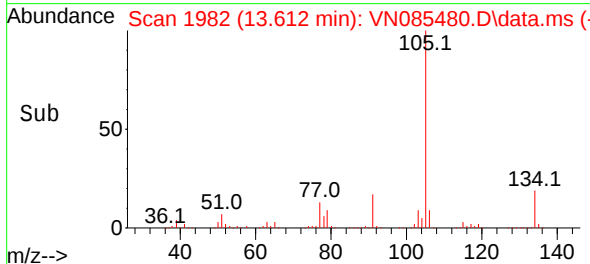
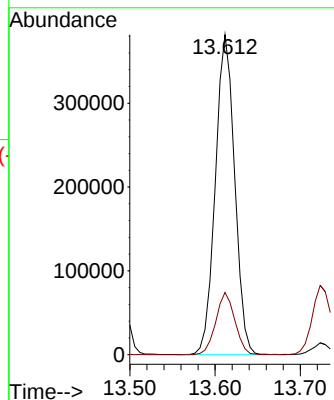
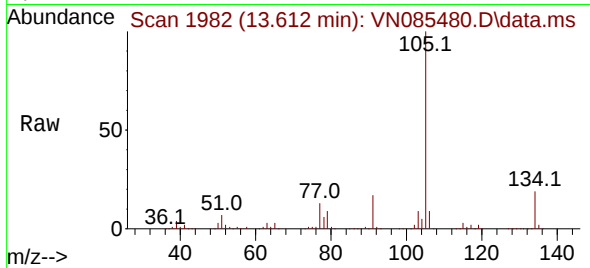




#85
 sec-Butylbenzene
 Concen: 59.707 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085480.D
 Acq: 17 Jan 2025 09:06

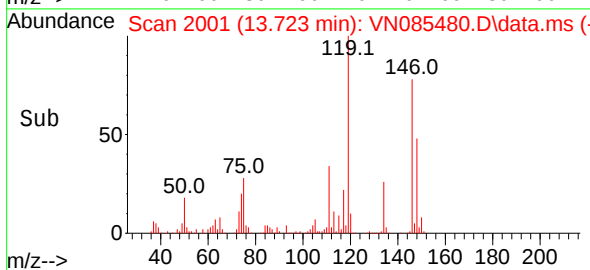
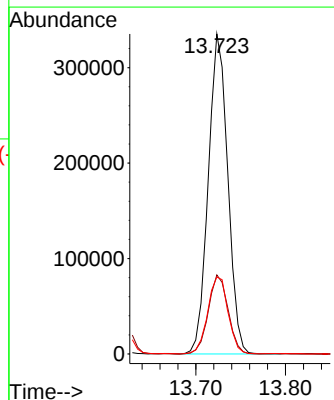
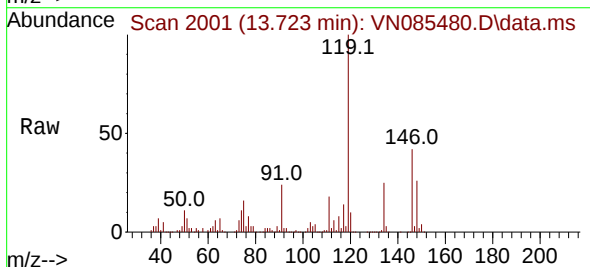
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

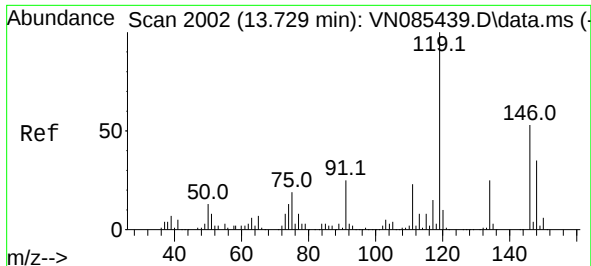
Tgt Ion:105 Resp: 602451
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 55.071 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN085480.D
 Acq: 17 Jan 2025 09:06

Tgt Ion:119 Resp: 506639
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.7 38.0
 91 25.1 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 51.777 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN085480.D

Acq: 17 Jan 2025 09:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

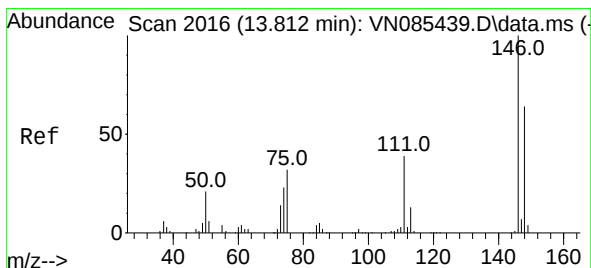
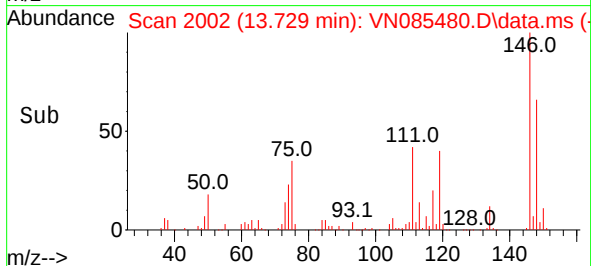
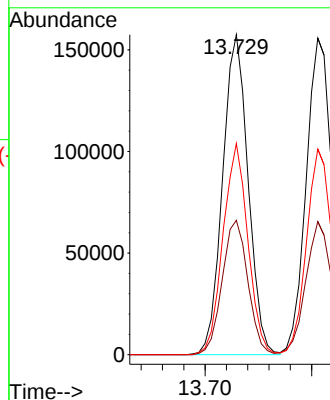
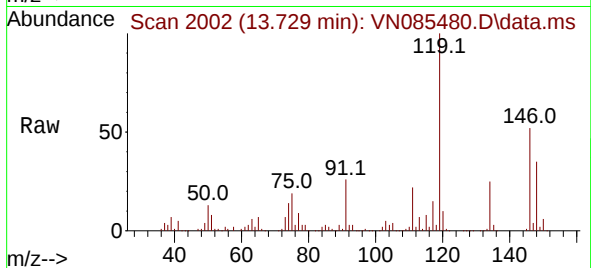
Tgt Ion:146 Resp: 261464

Ion Ratio Lower Upper

146 100

111 42.3 21.4 64.3

148 64.4 32.3 96.9



#88

1,4-Dichlorobenzene

Concen: 50.203 ug/l

RT: 13.806 min Scan# 2015

Delta R.T. -0.006 min

Lab File: VN085480.D

Acq: 17 Jan 2025 09:06

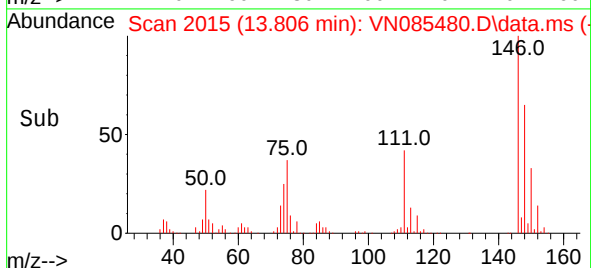
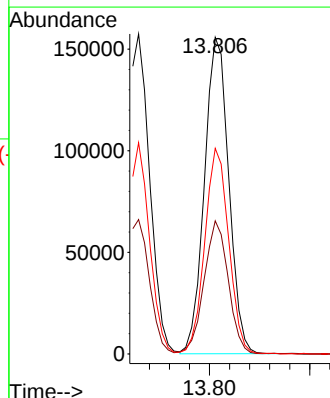
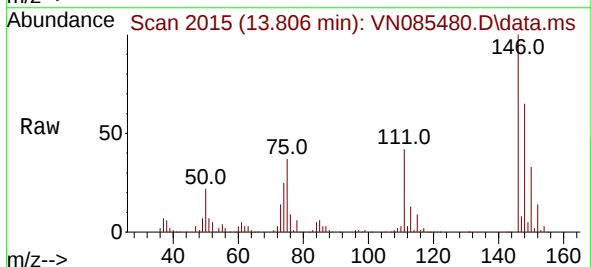
Tgt Ion:146 Resp: 262771

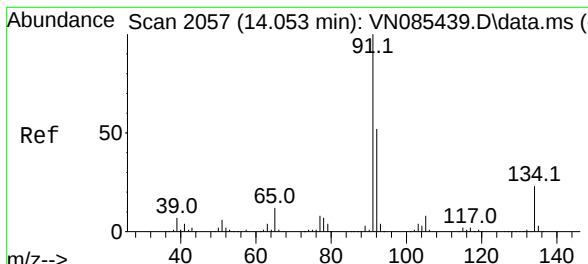
Ion Ratio Lower Upper

146 100

111 41.7 21.3 63.7

148 64.1 32.4 97.0

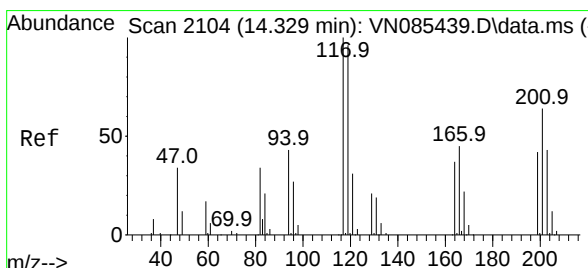
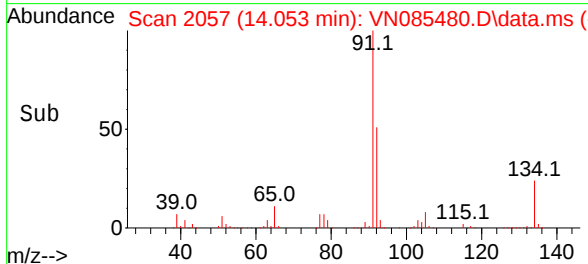
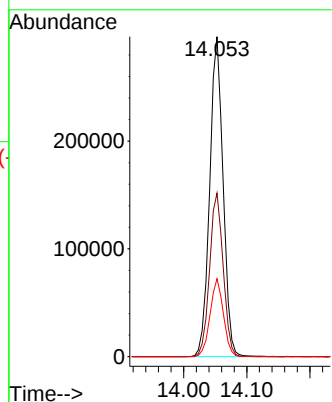
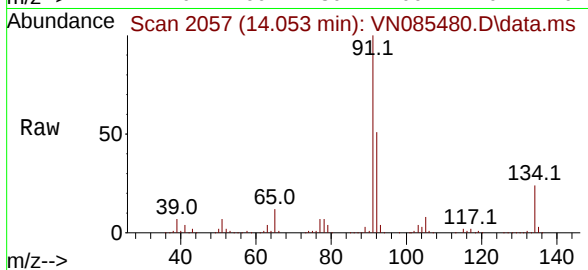




#89
n-Butylbenzene
Concen: 60.587 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:06

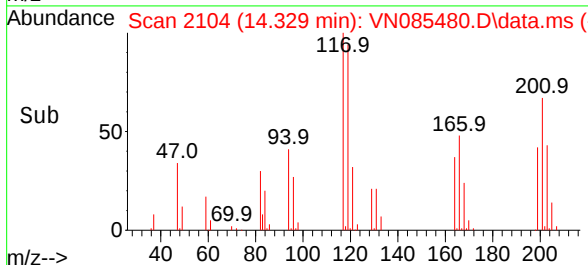
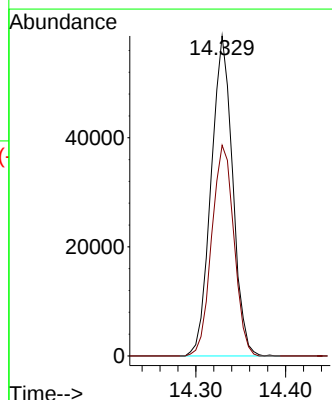
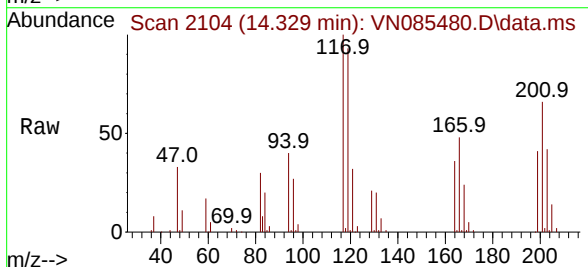
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

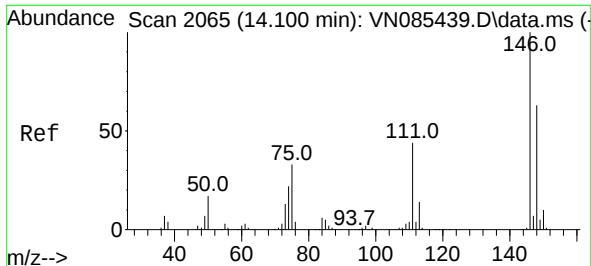
Tgt Ion:	91	Resp:	438573
Ion	Ratio	Lower	Upper
91	100		
92	51.8	25.8	77.3
134	24.2	11.7	35.1



#90
Hexachloroethane
Concen: 50.886 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:06

Tgt Ion:	117	Resp:	97744
Ion	Ratio	Lower	Upper
117	100		
201	68.0	33.7	101.0

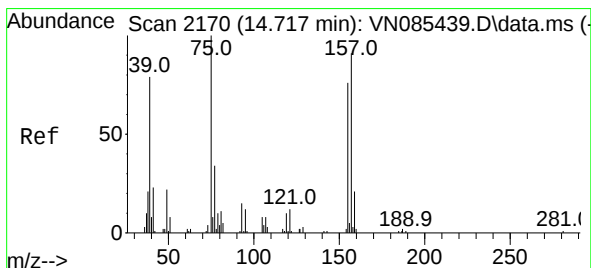
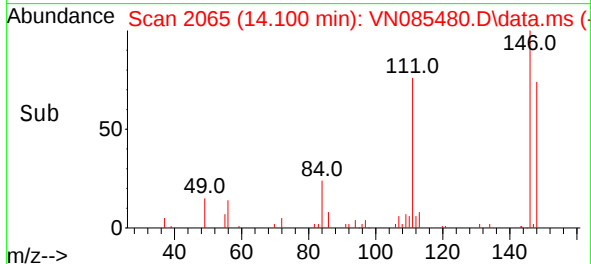
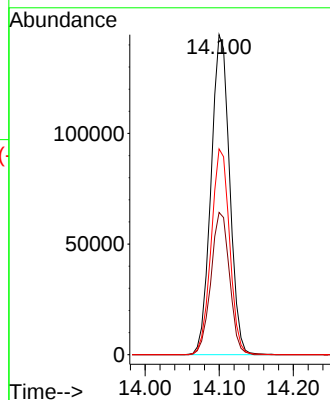
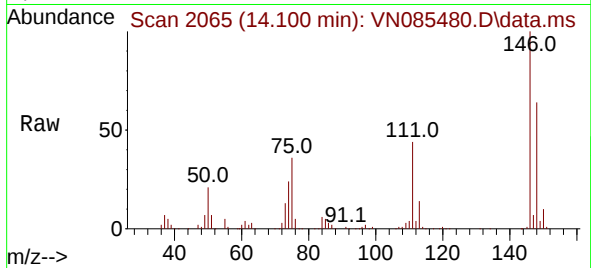




#91
1,2-Dichlorobenzene
Concen: 49.957 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:06

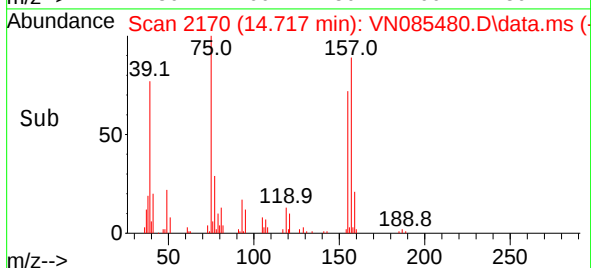
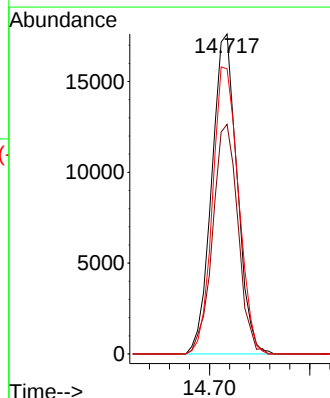
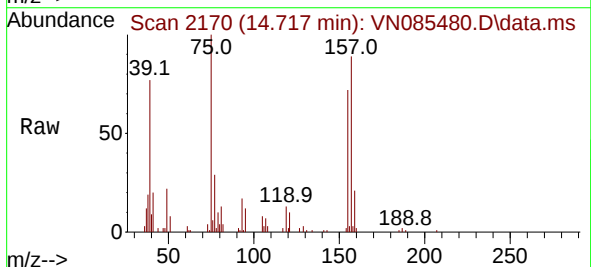
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

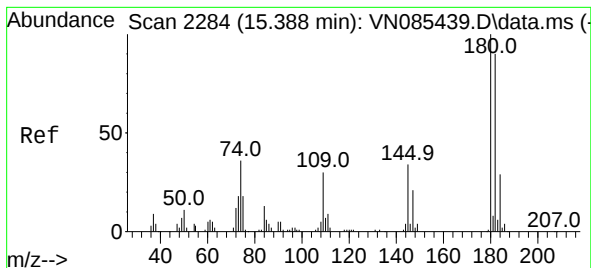
Tgt Ion:146 Resp: 251636
Ion Ratio Lower Upper
146 100
111 44.5 21.7 65.1
148 63.7 31.4 94.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.686 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN085480.D
Acq: 17 Jan 2025 09:06

Tgt Ion: 75 Resp: 30929
Ion Ratio Lower Upper
75 100
155 71.5 36.4 109.2
157 91.4 45.4 136.1





#93

1,2,4-Trichlorobenzene

Concen: 52.836 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. 0.000 min

Lab File: VN085480.D

Acq: 17 Jan 2025 09:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

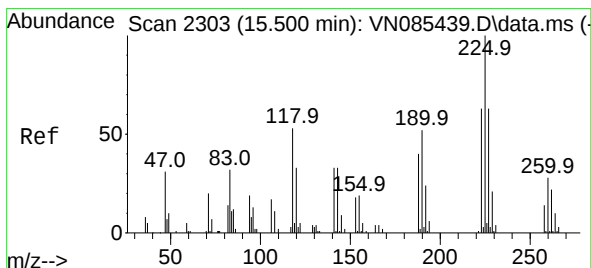
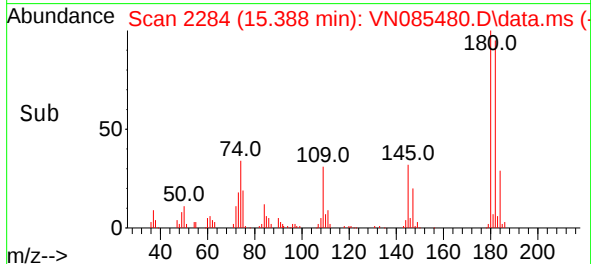
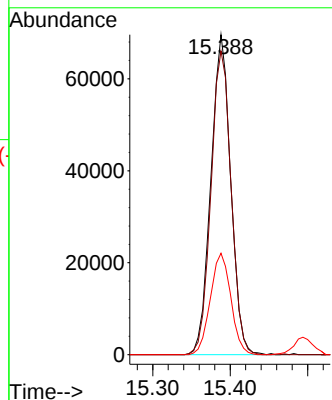
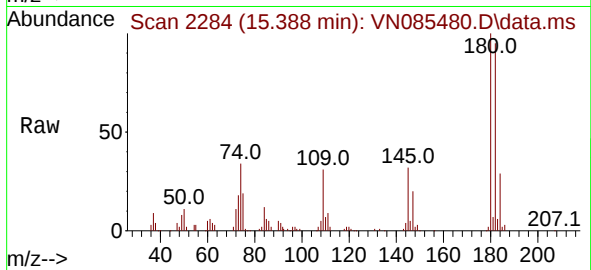
Tgt Ion:180 Resp: 123693

Ion Ratio Lower Upper

180 100

182 96.2 46.8 140.3

145 32.8 16.0 48.0



#94

Hexachlorobutadiene

Concen: 50.112 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.006 min

Lab File: VN085480.D

Acq: 17 Jan 2025 09:06

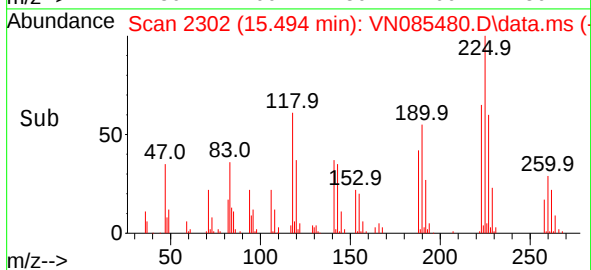
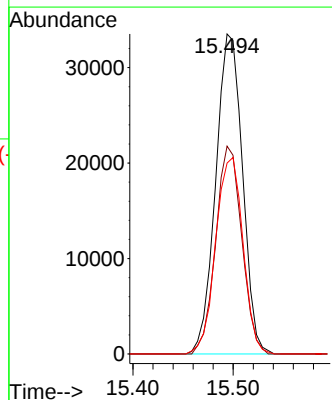
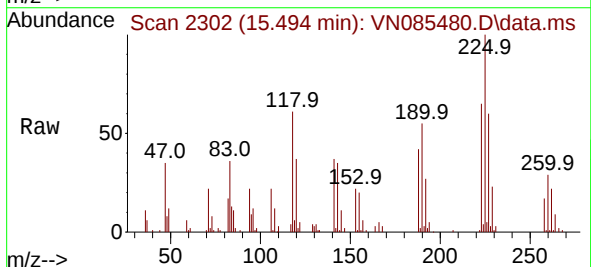
Tgt Ion:225 Resp: 62284

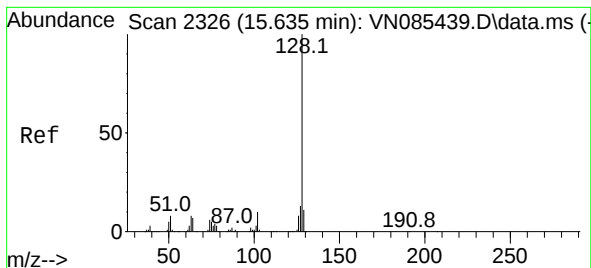
Ion Ratio Lower Upper

225 100

223 63.1 30.7 92.1

227 62.6 30.9 92.5





#95

Naphthalene

Concen: 48.597 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. 0.000 min

Lab File: VN085480.D

Acq: 17 Jan 2025 09:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

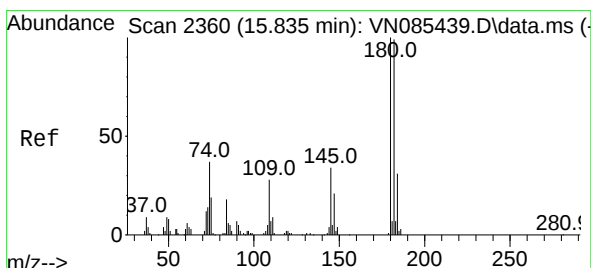
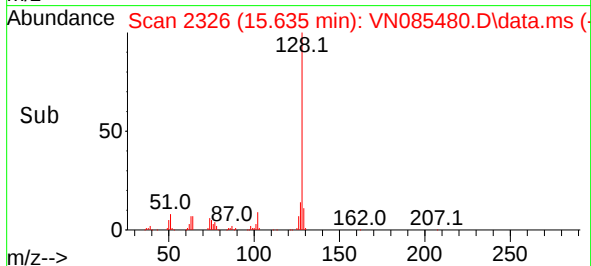
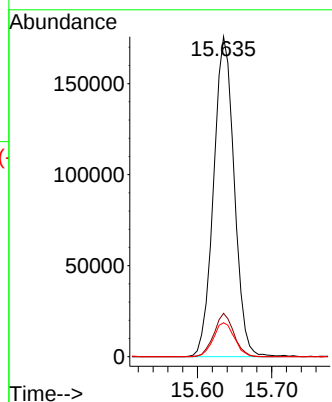
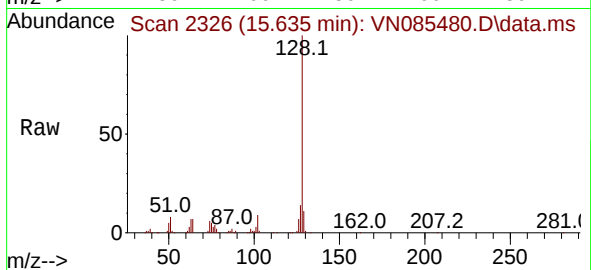
Tgt Ion:128 Resp: 339492

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 49.955 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN085480.D

Acq: 17 Jan 2025 09:06

Tgt Ion:180 Resp: 118335

Ion Ratio Lower Upper

180 100

182 94.9 47.4 142.2

145 33.8 16.9 50.7

