

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042125\
 Data File : VN086360.D
 Acq On : 21 Apr 2025 16:10
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020EC

Quant Time: Apr 22 01:51:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 12 01:21:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.806	128	29446	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.094	114	183648	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	163822	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	88799	30.918	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.067%
60) 4-Bromofluorobenzene	12.847	95	95061	29.145	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.167%
63) Toluene-d8	10.565	98	271877	29.396	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.000%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	48831	20.697	ug/l	100
3) Chloromethane	2.359	50	62152	19.060	ug/l	99
4) Vinyl Chloride	2.518	62	61083	19.666	ug/l	95
5) Bromomethane	2.965	94	31926	20.607	ug/l	96
6) Chloroethane	3.124	64	40482	20.640	ug/l	97
7) Trichlorofluoromethane	3.500	101	72519	21.524	ug/l	96
8) Diethyl Ether	3.959	74	30147	19.402	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	43222	20.803	ug/l	97
10) 1,1-Dichloroethene	4.342	96	43616	19.452	ug/l	95
11) Methyl Iodide	4.589	142	49002	19.015	ug/l	96
12) Methyl Acetate	5.018	43	59294	18.726	ug/l	98
13) Acrolein	4.183	56	30536	84.842	ug/l	96
14) Acrylonitrile	5.712	53	109765	82.116	ug/l	97
15) Acetone	4.424	58	27858	82.195	ug/l	85
16) Carbon Disulfide	4.712	76	120448	18.734	ug/l	98
17) Allyl chloride	5.018	41	69973	17.905	ug/l	94
18) Methylene Chloride	5.271	84	49316	19.291	ug/l	93
19) trans-1,2-Dichloroethene	5.783	96	46641	19.748	ug/l	97
20) Diisopropyl ether	6.665	45	167888	19.983	ug/l	99
21) 1,1-Dichloroethane	6.559	63	91247	20.357	ug/l	98
22) cis-1,2-Dichloroethene	7.483	96	57401	20.402	ug/l	98
23) tert-Butyl Alcohol	5.506	59	41075	74.161	ug/l	# 100
24) Methyl tert-Butyl Ether	5.794	73	163539	20.211	ug/l	100
25) Chloroform	7.959	83	92305	21.595	ug/l	99
26) Cyclohexane	8.253	56	79070	18.855	ug/l	# 98
29) 1,1-Dichloropropene	8.365	75	66085	20.087	ug/l	98
30) 2-Butanone	7.477	43	150001	82.284	ug/l	99
31) 2,2-Dichloropropane	7.488	77	83197	20.545	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	79243	20.939	ug/l	99
33) Carbon Tetrachloride	8.359	117	64173	21.219	ug/l	98
34) Benzene	8.600	78	208000	19.873	ug/l	96
35) Methacrylonitrile	7.771	41	35438	17.244	ug/l	98
36) 1,2-Dichloroethane	8.665	62	68352	20.869	ug/l	96
37) Trichloroethene	9.347	130	50679	20.068	ug/l	98
38) Methylcyclohexane	9.594	83	77250	19.146	ug/l	98
39) 1,2-Dichloropropane	9.618	63	51318	19.705	ug/l	99
40) Dibromomethane	9.700	93	34390	20.445	ug/l	98
41) Bromodichloromethane	9.882	83	73858	20.439	ug/l	98
42) Vinyl Acetate	6.600	43	567195	91.405	ug/l	99

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 Data File : VN086360.D
 Acq On : 21 Apr 2025 16:10
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Apr 22 01:51:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 12 01:21:52 2025
 Response via : Initial Calibration

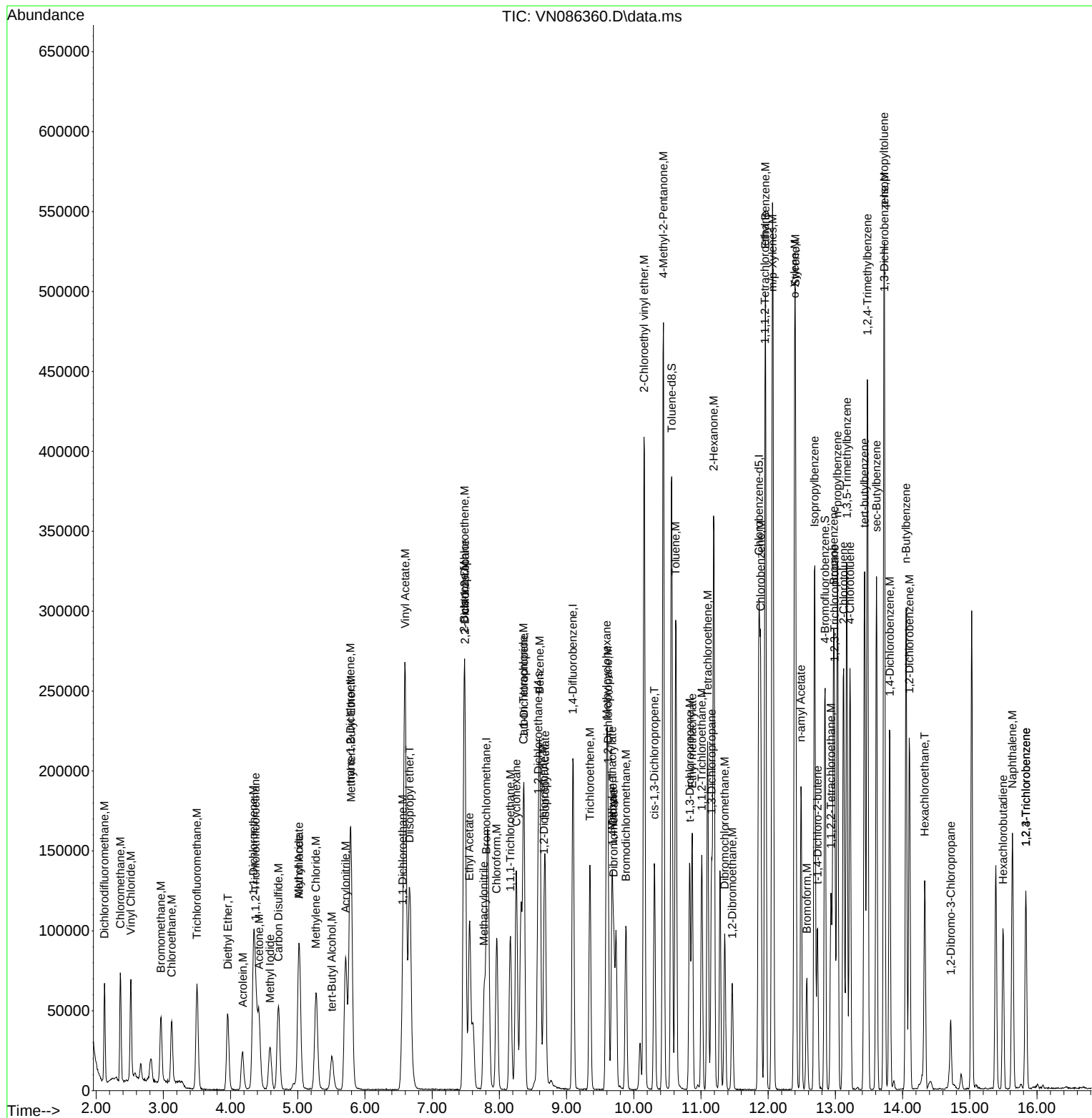
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43) Ethyl Acetate	7.553	43	61171	16.636	ug/l	98
44) Isopropyl Acetate	8.682	43	121521	17.815	ug/l	99
45) 1,4-Dioxane	9.688	88	17330	319.495	ug/l #	89
46) Methyl methacrylate	9.677	41	53637	17.846	ug/l	91
47) n-amyl Acetate	12.488	43	101045	18.683	ug/l	99
48) t-1,3-Dichloropropene	10.835	75	81283	19.897	ug/l	100
49) cis-1,3-Dichloropropene	10.306	75	85767	19.837	ug/l	94
50) 1,1,2-Trichloroethane	11.012	97	47403	20.093	ug/l	97
51) Ethyl methacrylate	10.871	69	82226	18.755	ug/l	97
52) 1,3-Dichloropropane	11.159	76	84665	20.135	ug/l	100
53) Dibromochloromethane	11.353	129	52195	20.226	ug/l	98
54) 1,2-Dibromoethane	11.465	107	48128	20.209	ug/l	100
55) 2-Chloroethyl vinyl ether	10.153	63	191077	115.340	ug/l	99
56) Bromoform	12.576	173	32976	19.532	ug/l #	97
58) 4-Methyl-2-Pentanone	10.441	43	322698	86.802	ug/l	100
59) 2-Hexanone	11.188	43	232809	84.100	ug/l	100
61) Tetrachloroethene	11.100	164	49436	20.434	ug/l	97
62) Toluene	10.624	91	225579	20.529	ug/l	99
64) Chlorobenzene	11.888	112	137946	20.549	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.953	131	46281	20.890	ug/l	98
66) Ethyl Benzene	11.959	91	249125	20.444	ug/l	99
67) m/p-Xylenes	12.065	106	184109	40.632	ug/l	99
68) o-Xylene	12.394	106	90663	20.342	ug/l	100
69) Styrene	12.406	104	152049	20.229	ug/l	99
70) Isopropylbenzene	12.688	105	228298	20.775	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	64003	20.462	ug/l	98
72) 1,2,3-Trichloropropane	12.988	75	90594	27.825	ug/l	61
73) Bromobenzene	12.976	156	51313	21.078	ug/l	92
74) n-propylbenzene	13.029	91	268911	20.724	ug/l	99
75) 2-Chlorotoluene	13.123	91	164848	20.212	ug/l	100
76) 1,3,5-Trimethylbenzene	13.170	105	185952	20.599	ug/l	98
77) t-1,4-Dichloro-2-butene	12.735	75	25918	17.264	ug/l	96
78) 4-Chlorotoluene	13.217	91	161949	19.882	ug/l	98
79) tert-butylbenzene	13.435	119	158157	20.248	ug/l	99
80) 1,2,4-Trimethylbenzene	13.476	105	186522	20.377	ug/l	98
81) sec-Butylbenzene	13.612	105	229744	21.086	ug/l	100
82) p-Isopropyltoluene	13.723	119	187345	20.612	ug/l	100
83) 1,3-Dichlorobenzene	13.729	146	93677	20.704	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	92259	20.325	ug/l	98
85) n-Butylbenzene	14.053	91	172501	21.038	ug/l	98
86) Hexachloroethane	14.329	117	31064	20.260	ug/l	98
87) 1,2-Dichlorobenzene	14.100	146	91617	20.507	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	12358	17.346	ug/l	98
89) 1,2,4-Trichlorobenzene	15.835	180	43340	19.938	ug/l	99
90) Hexachlorobutadiene	15.494	225	18147	19.335	ug/l	100
91) Naphthalene	15.635	128	151480	17.675	ug/l	100
92) 1,2,3-Trichlorobenzene	15.835	180	43340	19.938	ug/l	99

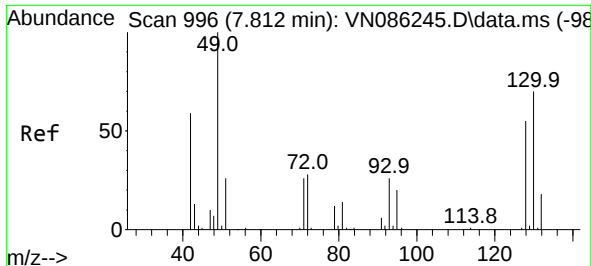
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041215\
Data File : VN086360.D
Acq On : 21 Apr 2025 16:10
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Quant Time: Apr 22 01:51:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041125W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Apr 12 01:21:52 2025
Response via : Initial Calibration

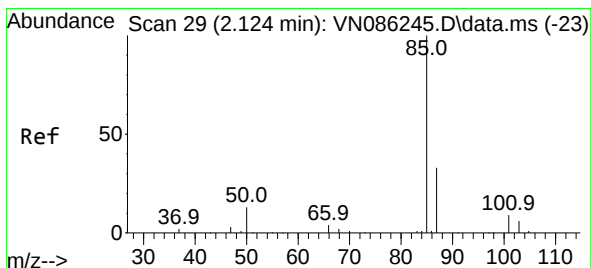
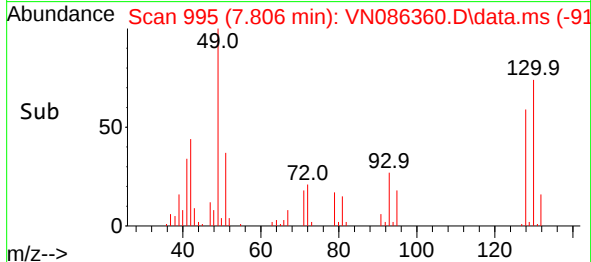
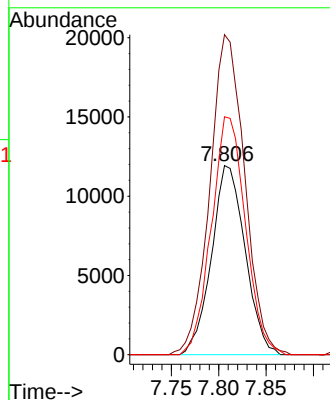
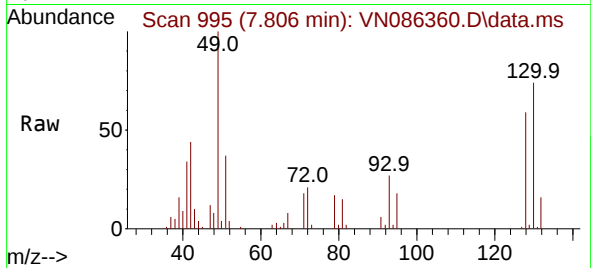




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.806 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

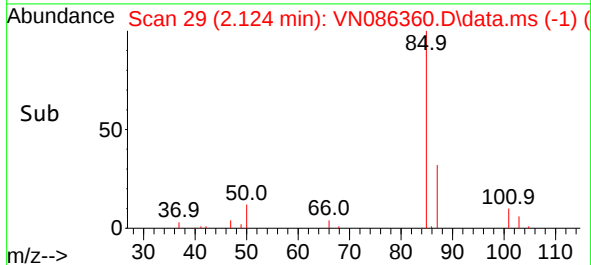
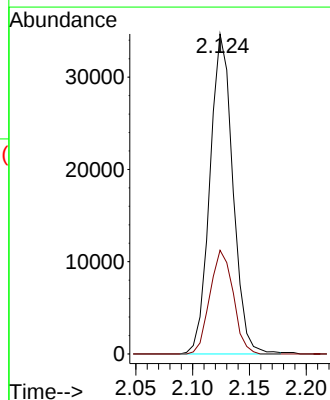
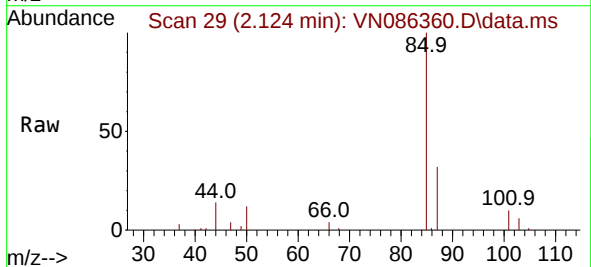
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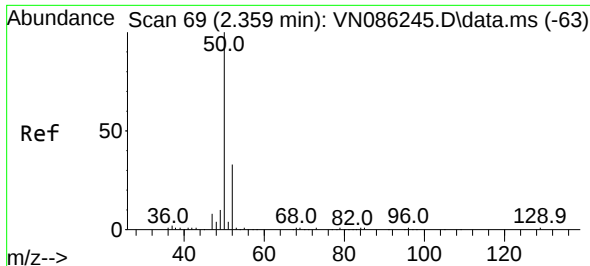
Tgt Ion:128 Resp: 29446
Ion Ratio Lower Upper
128 100
49 175.4 0.0 452.5
130 127.7 0.0 315.0



#2
Dichlorodifluoromethane
Concen: 20.697 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

Tgt Ion: 85 Resp: 48831
Ion Ratio Lower Upper
85 100
87 32.4 16.3 48.9

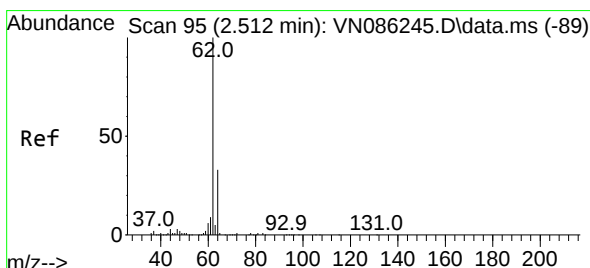
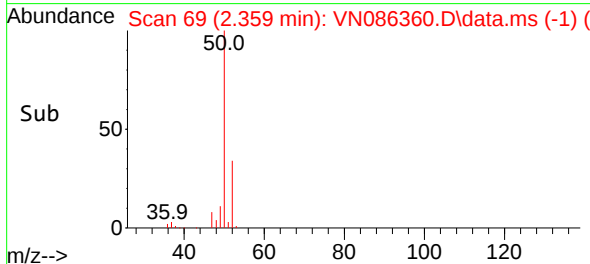
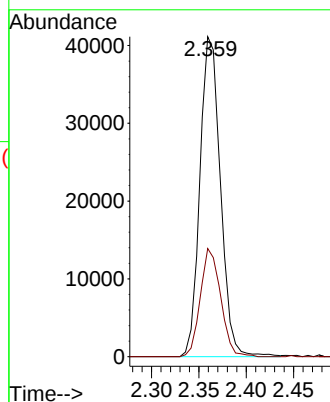
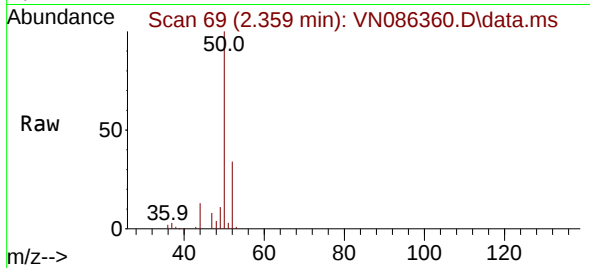




#3
Chloromethane
Concen: 19.060 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

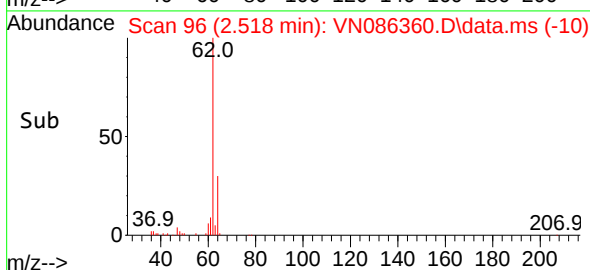
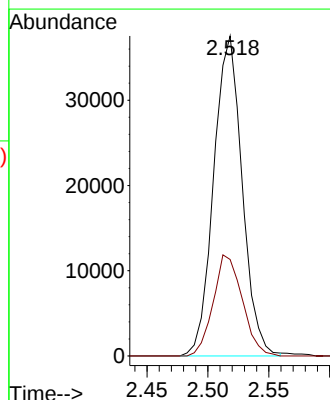
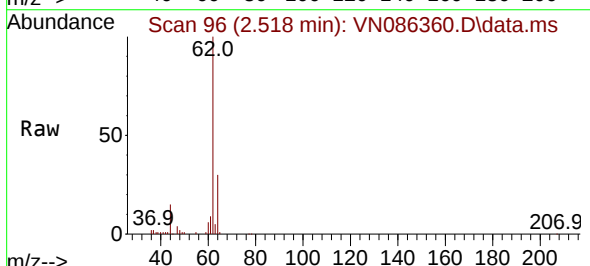
Instrument :
MSVOA_N
ClientSampleId :
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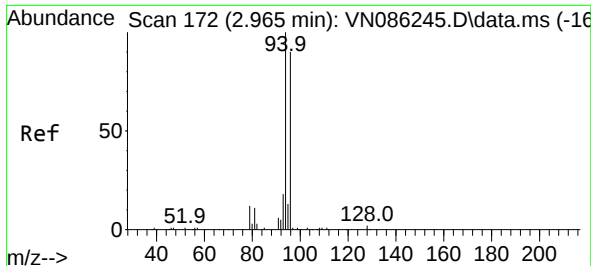
Tgt Ion: 50 Resp: 62152
Ion Ratio Lower Upper
50 100
52 33.8 26.4 39.6



#4
Vinyl Chloride
Concen: 19.666 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

Tgt Ion: 62 Resp: 61083
Ion Ratio Lower Upper
62 100
64 30.2 26.3 39.5

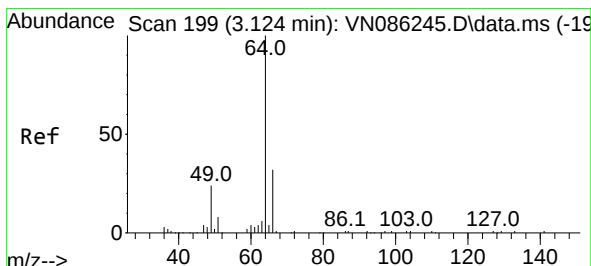
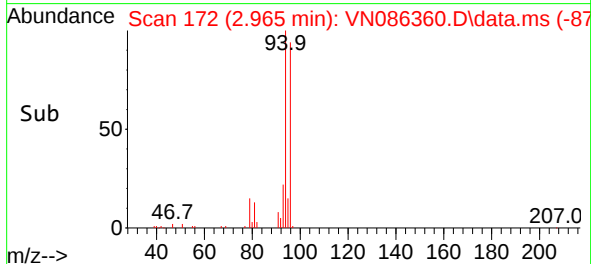
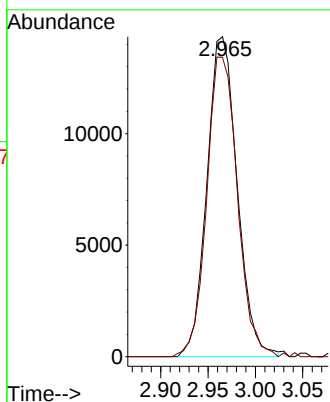
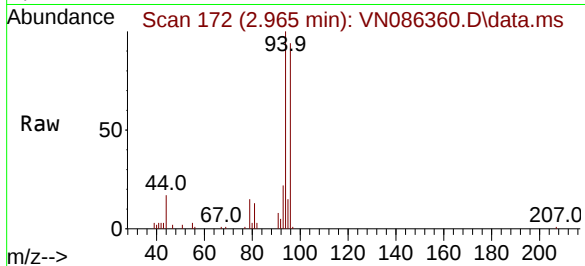




#5
Bromomethane
Concen: 20.607 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

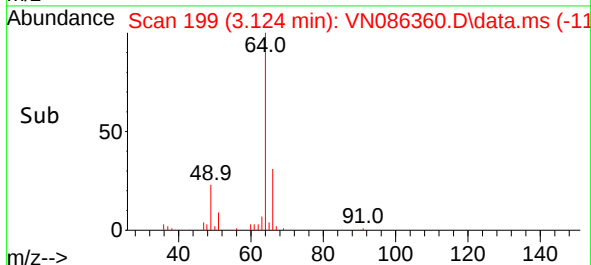
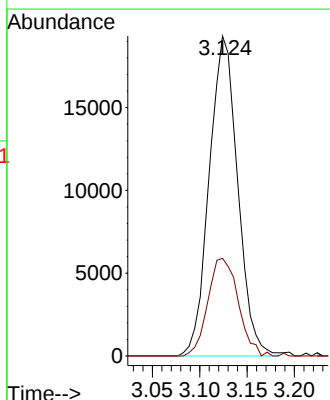
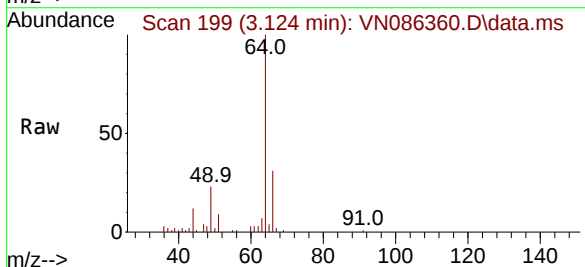
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

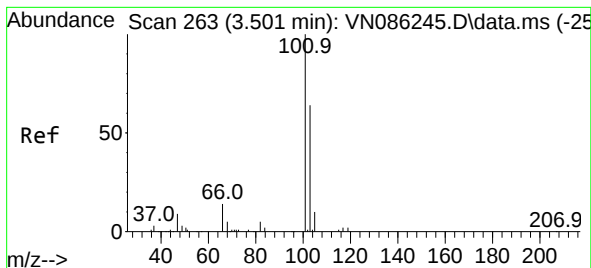
Tgt Ion: 94 Resp: 31926
Ion Ratio Lower Upper
94 100
96 93.5 72.2 108.2



#6
Chloroethane
Concen: 20.640 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

Tgt Ion: 64 Resp: 40482
Ion Ratio Lower Upper
64 100
66 30.5 25.7 38.5





#7

Trichlorofluoromethane

Concen: 21.524 ug/l

RT: 3.500 min Scan# 2

Delta R.T. -0.000 min

Lab File: VN086360.D

Acq: 21 Apr 2025 16:10

Instrument :

MSVOA_N

ClientSampleId :

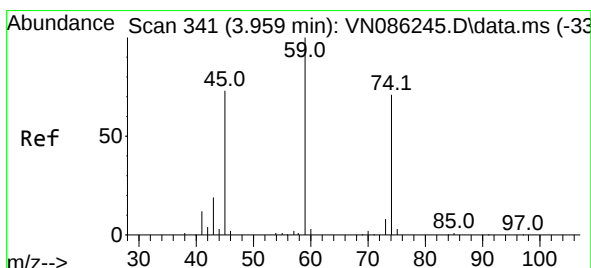
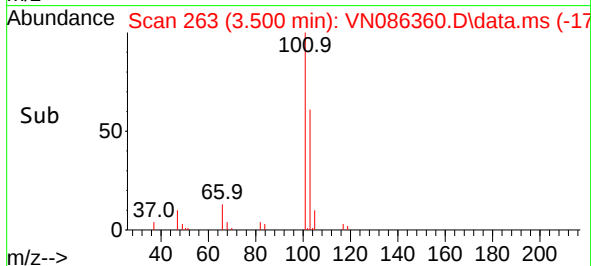
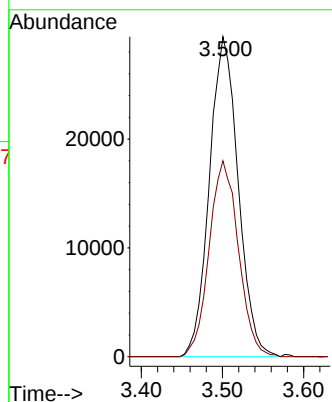
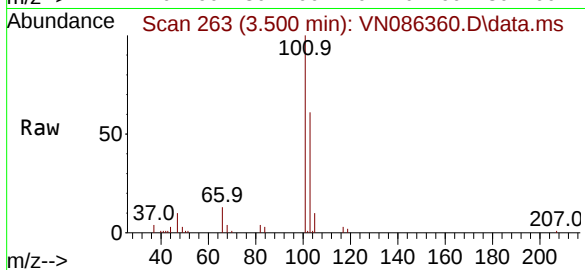
VSTDCCC020EC

Tgt Ion:101 Resp: 72519

Ion Ratio Lower Upper

101 100

103 61.2 51.2 76.8



#8

Diethyl Ether

Concen: 19.402 ug/l

RT: 3.959 min Scan# 341

Delta R.T. -0.000 min

Lab File: VN086360.D

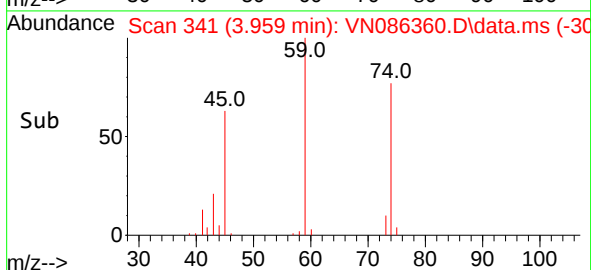
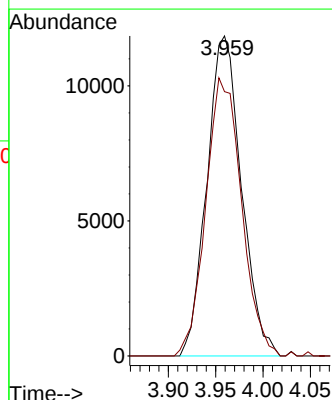
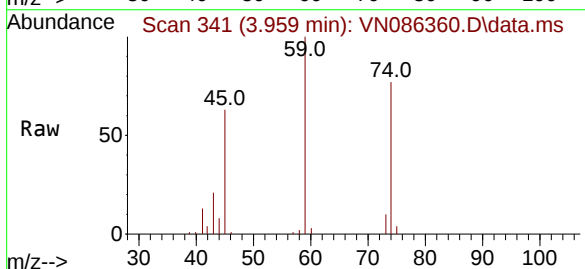
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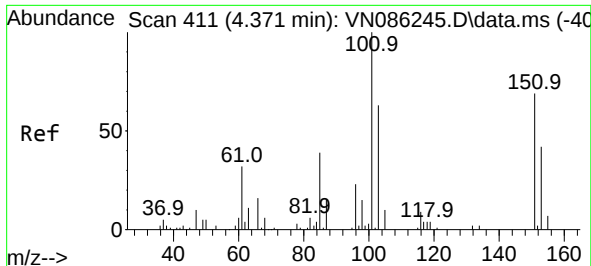
Tgt Ion: 74 Resp: 30147

Ion Ratio Lower Upper

74 100

45 89.5 19.2 173.2

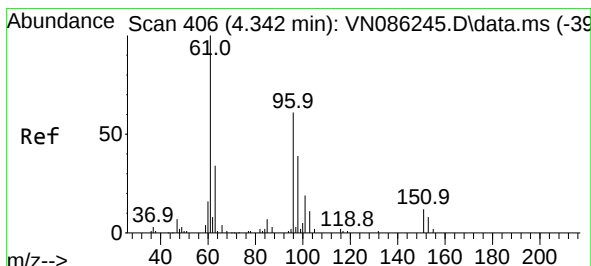
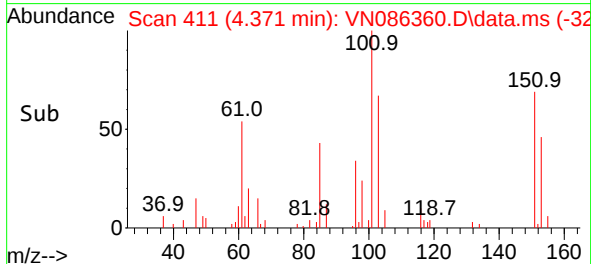
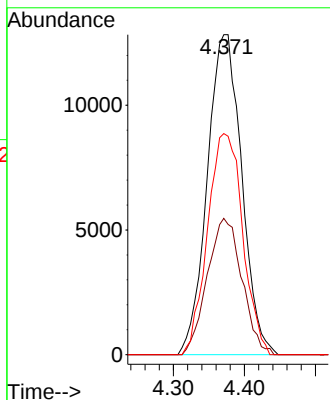
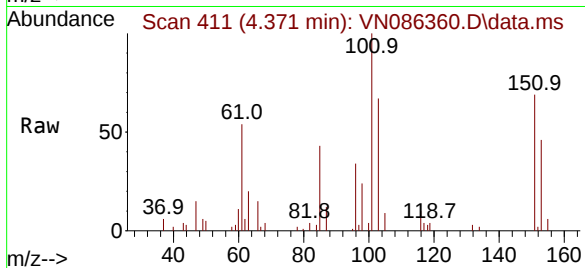




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.803 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. -0.000 min
 Lab File: VN086360.D
 Acq: 21 Apr 2025 16:10

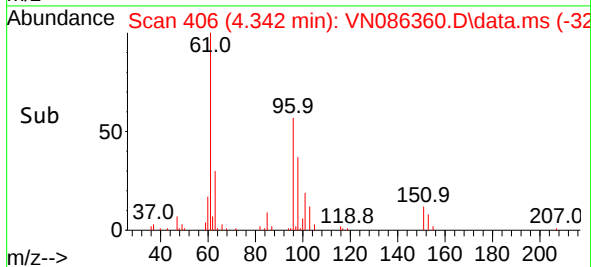
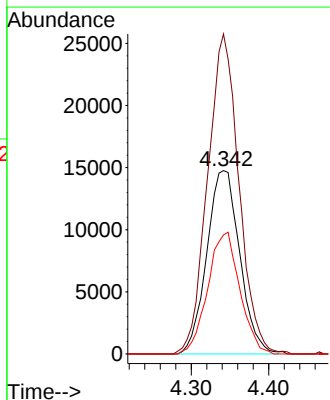
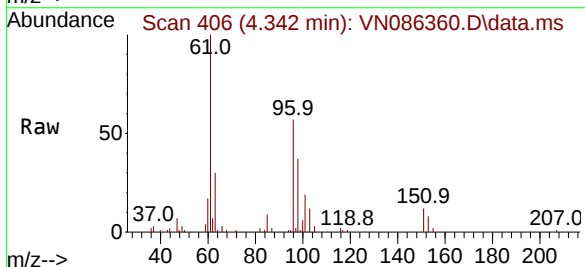
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

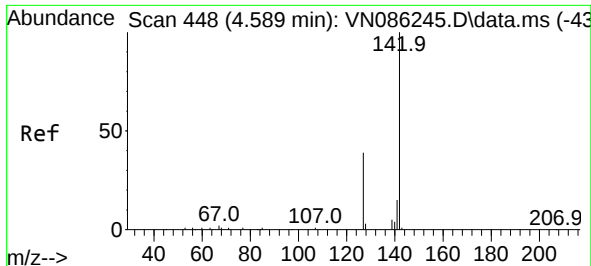
Tgt Ion:101 Resp: 43222
 Ion Ratio Lower Upper
 101 100
 85 42.7 0.0 93.0
 151 70.4 0.0 138.6



#10
 1,1-Dichloroethene
 Concen: 19.452 ug/l
 RT: 4.342 min Scan# 406
 Delta R.T. -0.000 min
 Lab File: VN086360.D
 Acq: 21 Apr 2025 16:10

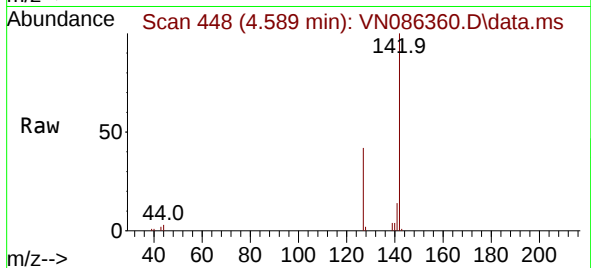
Tgt Ion: 96 Resp: 43616
 Ion Ratio Lower Upper
 96 100
 61 173.3 131.1 196.7
 98 64.9 51.6 77.4





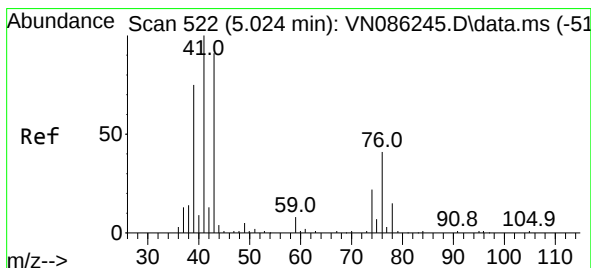
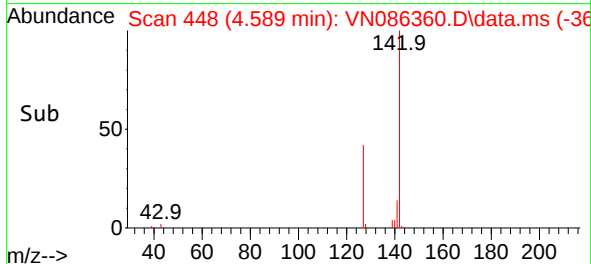
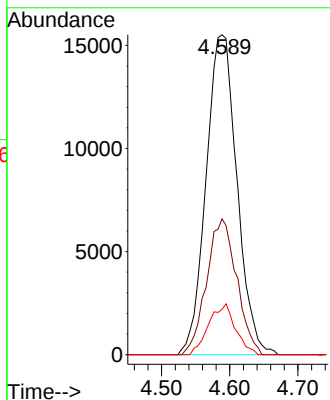
#11
Methyl Iodide
Concen: 19.015 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 49002

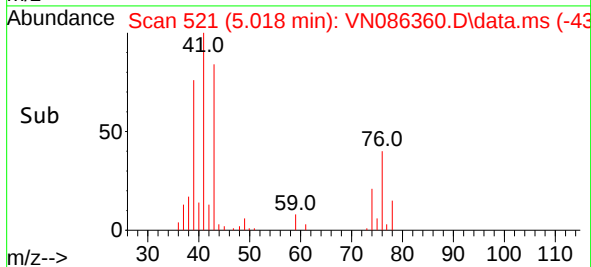
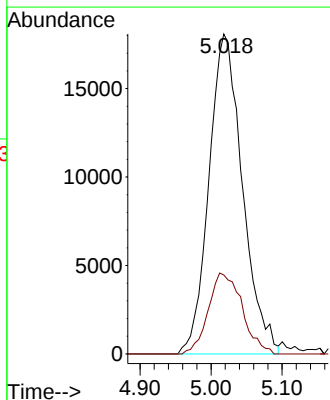
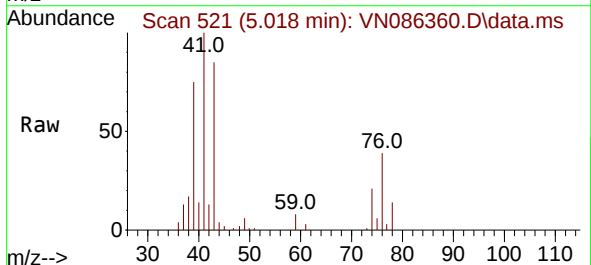
Ion	Ratio	Lower	Upper
142	100		
127	42.5	19.6	58.8
141	14.1	7.3	21.9

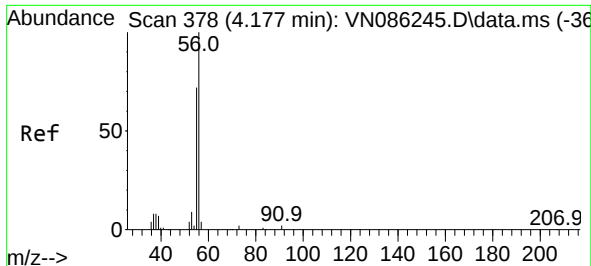


#12
Methyl Acetate
Concen: 18.726 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

Tgt Ion: 43 Resp: 59294

Ion	Ratio	Lower	Upper
43	100		
74	25.0	19.1	28.7

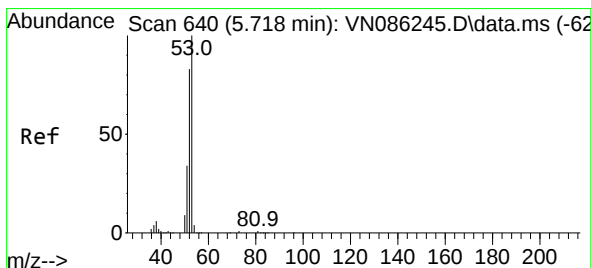
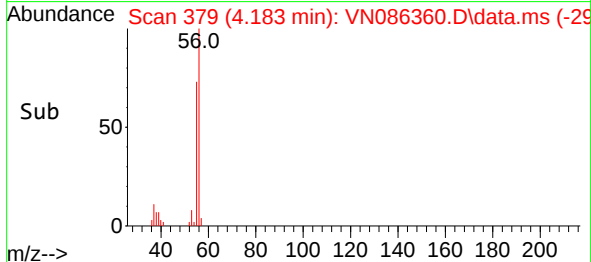
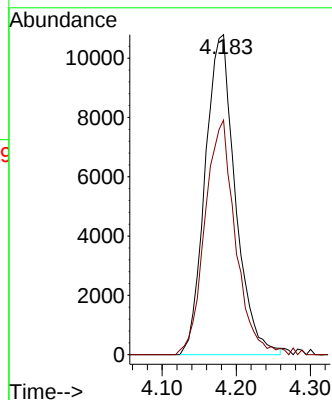
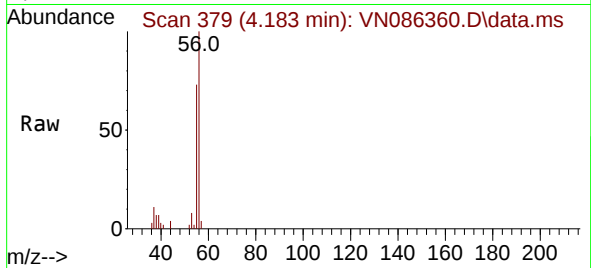




#13
Acrolein
Concen: 84.842 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

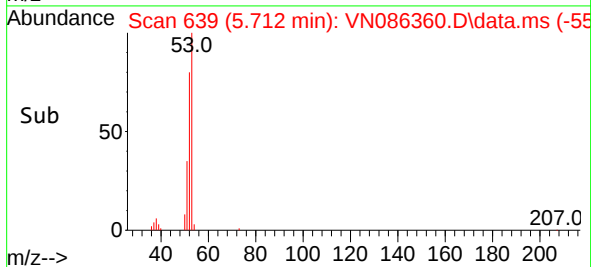
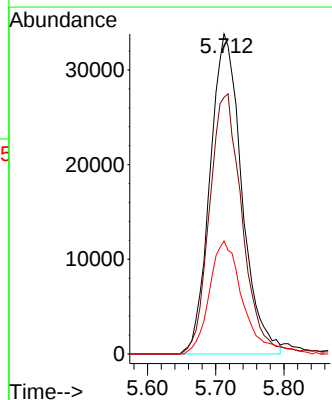
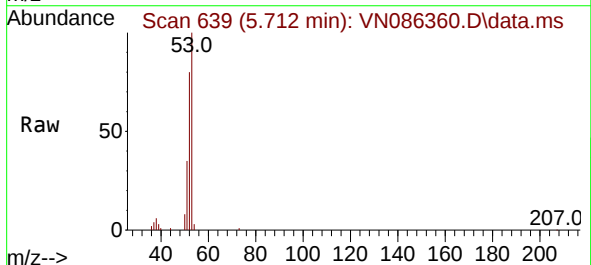
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

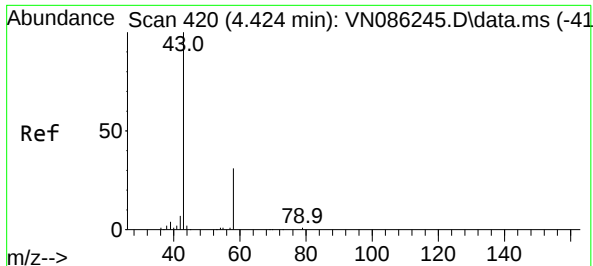
Tgt Ion: 56 Resp: 30536
Ion Ratio Lower Upper
56 100
55 73.6 56.5 84.7



#14
Acrylonitrile
Concen: 82.116 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

Tgt Ion: 53 Resp: 109765
Ion Ratio Lower Upper
53 100
52 83.2 40.2 120.6
51 37.3 17.5 52.6





#15

Acetone

Concen: 82.195 ug/l

RT: 4.424 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN086360.D

Acq: 21 Apr 2025 16:10

Instrument :

MSVOA_N

ClientSampleId :

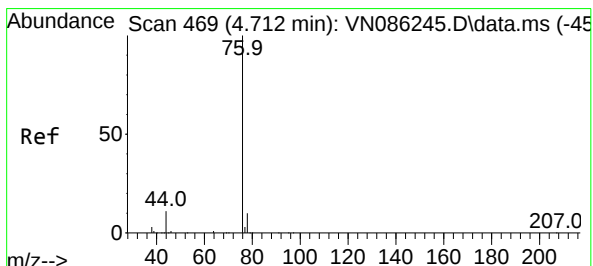
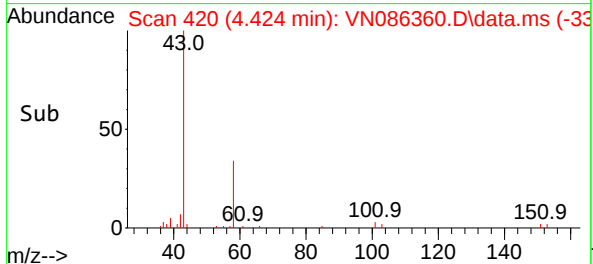
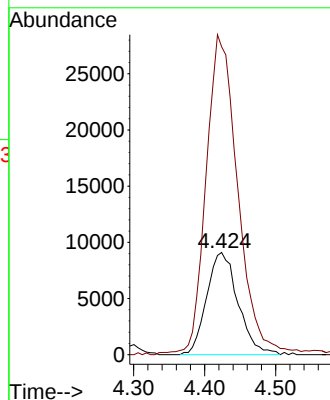
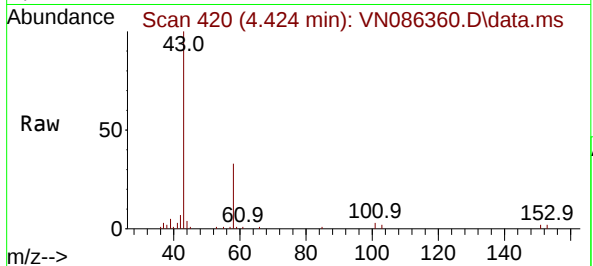
VSTDCCC020EC

Tgt Ion: 58 Resp: 27858

Ion Ratio Lower Upper

58 100

43 297.1 261.8 392.8



#16

Carbon Disulfide

Concen: 18.734 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.000 min

Lab File: VN086360.D

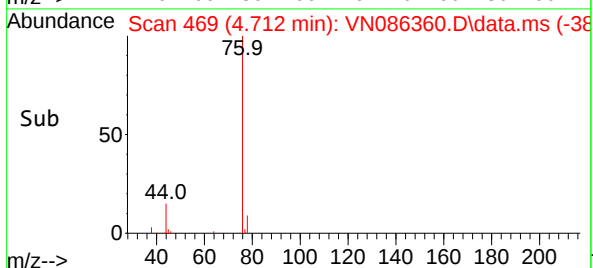
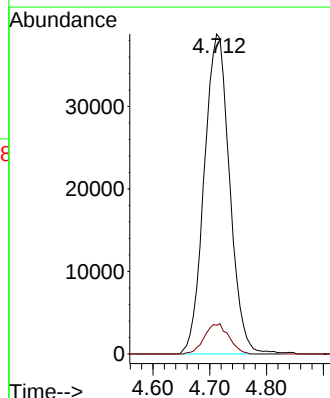
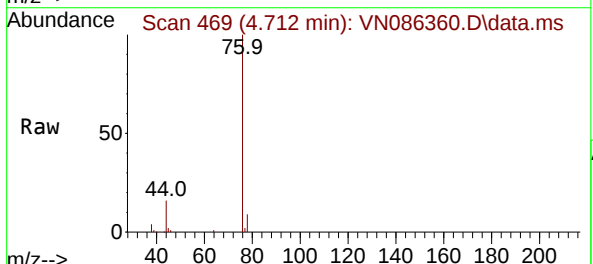
Acq: 21 Apr 2025 16:10

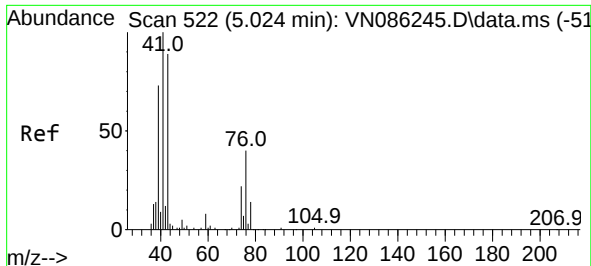
Tgt Ion: 76 Resp: 120448

Ion Ratio Lower Upper

76 100

78 9.0 7.7 11.5

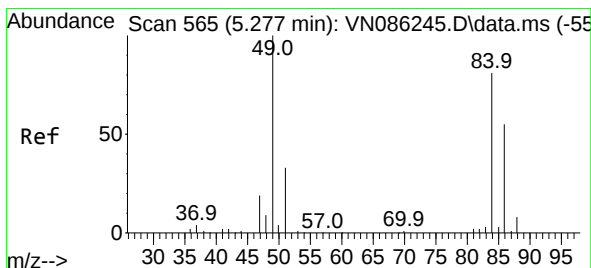
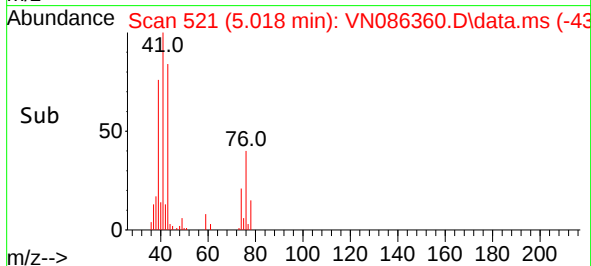
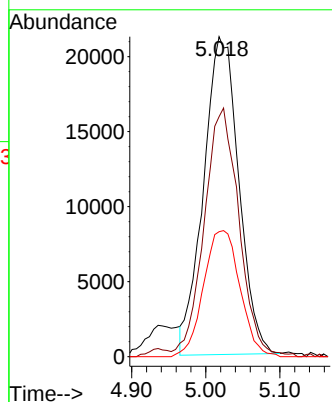
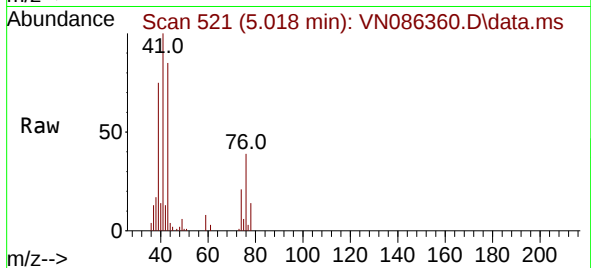




#17
 Allyl chloride
 Concen: 17.905 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN086360.D
 Acq: 21 Apr 2025 16:10

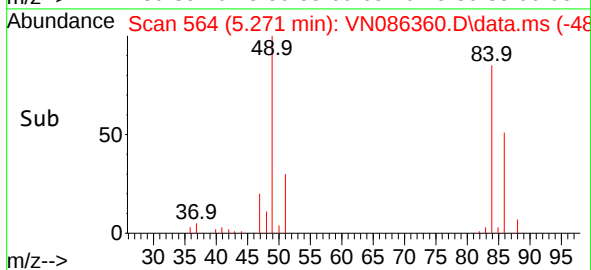
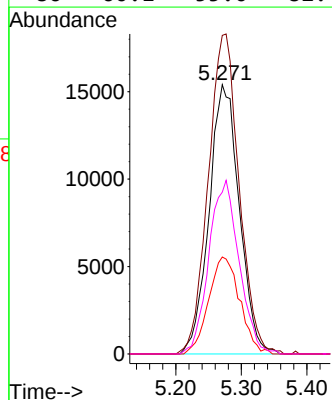
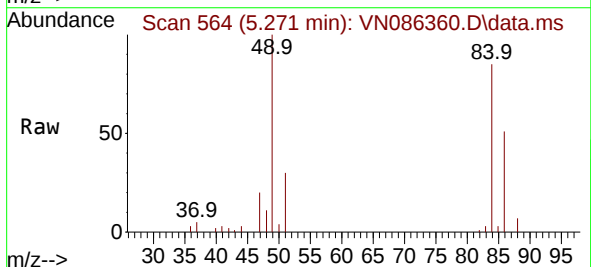
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

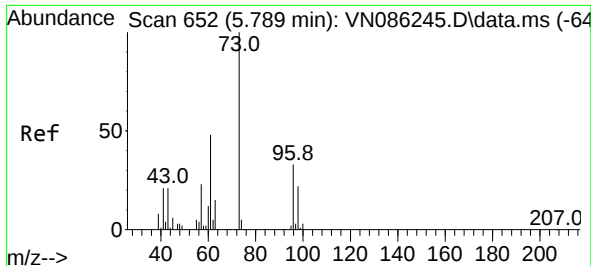
Tgt Ion:	41	Resp:	69973
Ion	Ratio	Lower	Upper
41	100		
39	74.5	34.4	103.2
76	39.4	18.8	56.3



#18
 Methylene Chloride
 Concen: 19.291 ug/l
 RT: 5.271 min Scan# 564
 Delta R.T. -0.006 min
 Lab File: VN086360.D
 Acq: 21 Apr 2025 16:10

Tgt Ion:	84	Resp:	49316
Ion	Ratio	Lower	Upper
84	100		
49	117.3	99.1	148.7
51	36.0	32.3	48.5
86	60.1	55.0	82.4

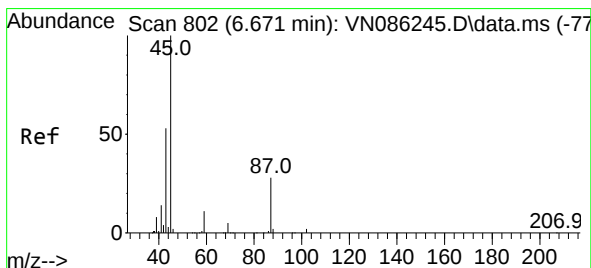
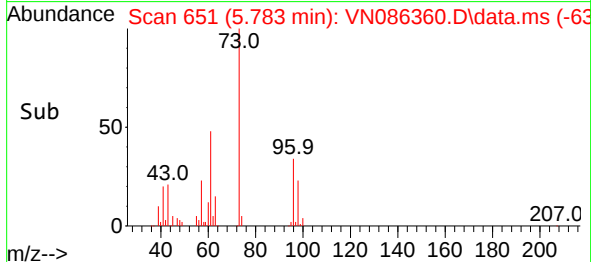
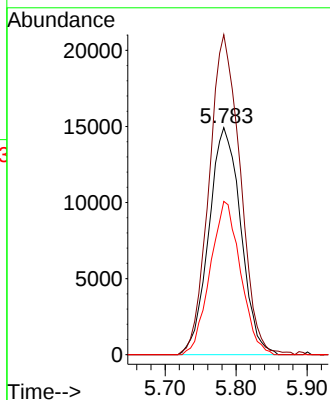
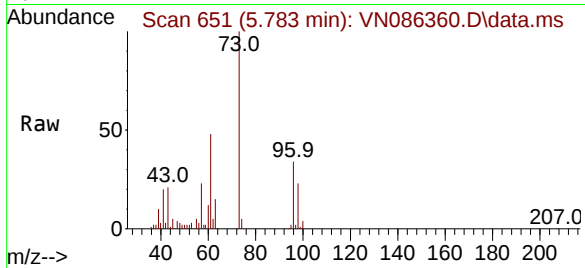




#19
trans-1,2-Dichloroethene
Concen: 19.748 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

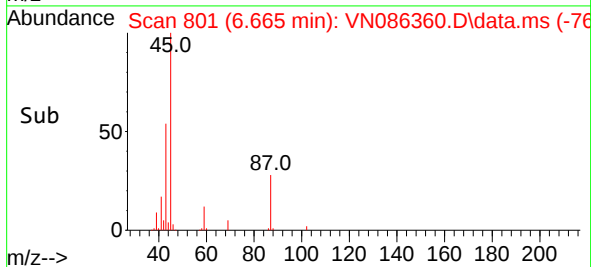
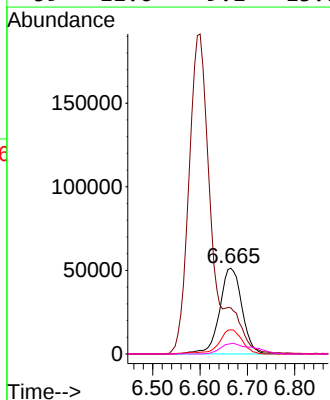
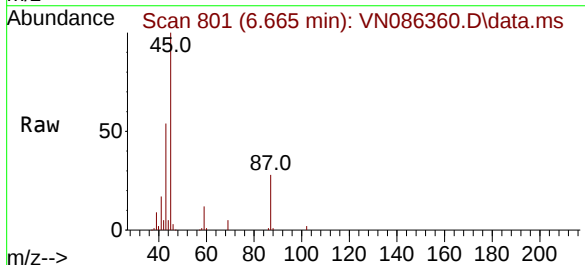
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

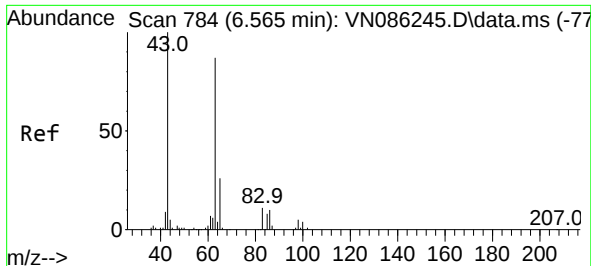
Tgt Ion: 96 Resp: 46641
Ion Ratio Lower Upper
96 100
61 141.0 115.9 173.9
98 67.5 52.1 78.1



#20
Diisopropyl ether
Concen: 19.983 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

Tgt Ion: 45 Resp: 167888
Ion Ratio Lower Upper
45 100
43 52.3 42.3 63.5
87 28.2 22.2 33.4
59 11.6 9.1 13.7





#21

1,1-Dichloroethane

Concen: 20.357 ug/l

RT: 6.559 min Scan# 71

Delta R.T. -0.006 min

Lab File: VN086360.D

Acq: 21 Apr 2025 16:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

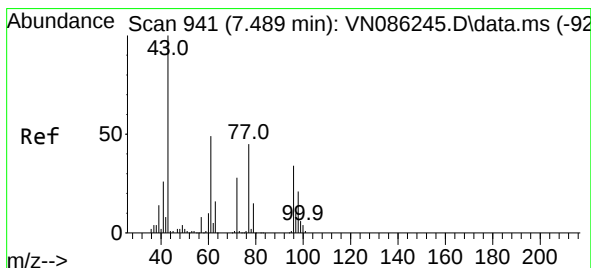
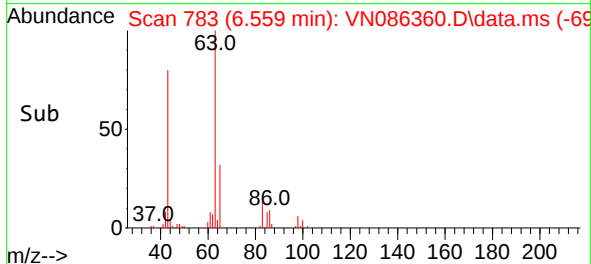
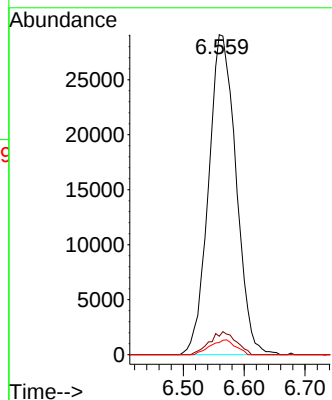
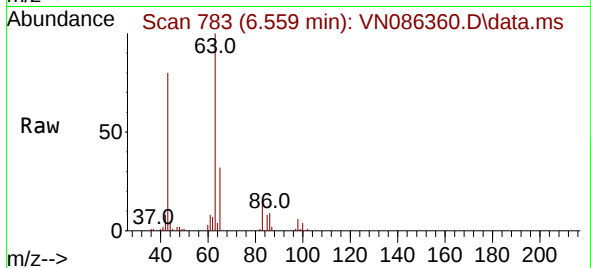
Tgt Ion: 63 Resp: 91247

Ion Ratio Lower Upper

63 100

98 5.8 3.1 9.3

100 3.8 2.3 6.9



#22

cis-1,2-Dichloroethene

Concen: 20.402 ug/l

RT: 7.483 min Scan# 940

Delta R.T. -0.006 min

Lab File: VN086360.D

Acq: 21 Apr 2025 16:10

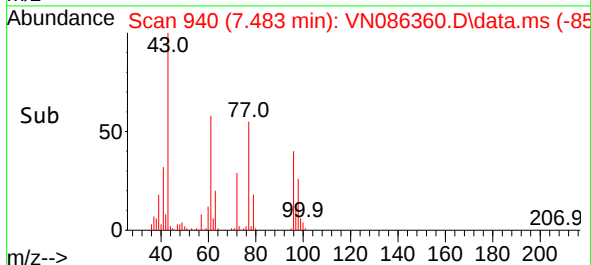
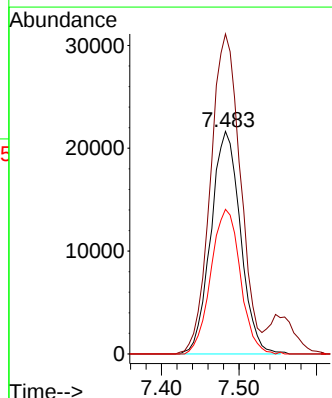
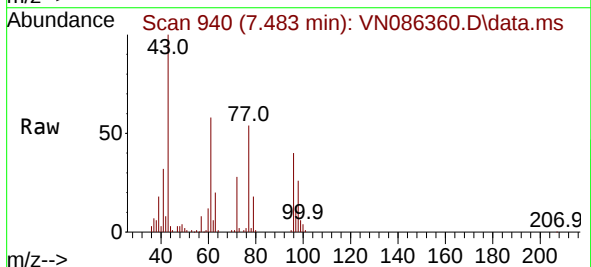
Tgt Ion: 96 Resp: 57401

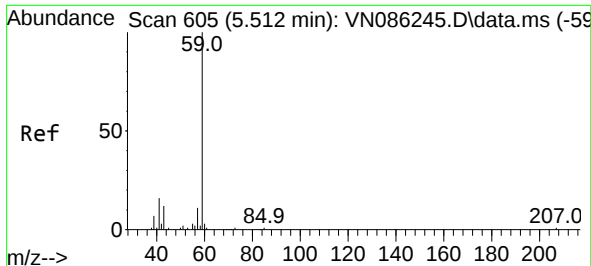
Ion Ratio Lower Upper

96 100

61 145.7 119.5 179.3

98 64.7 51.0 76.6

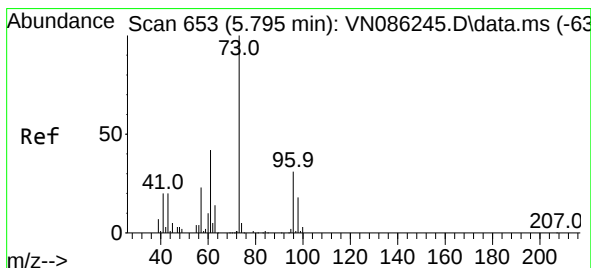
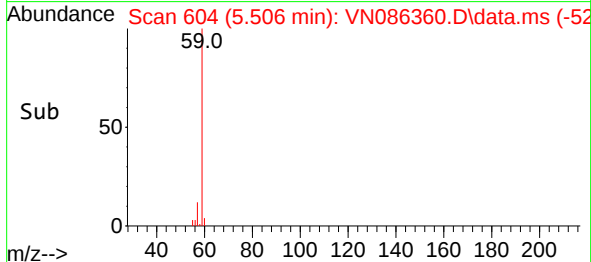
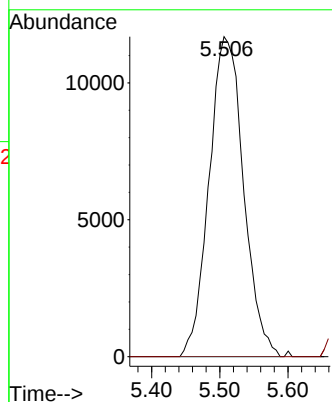
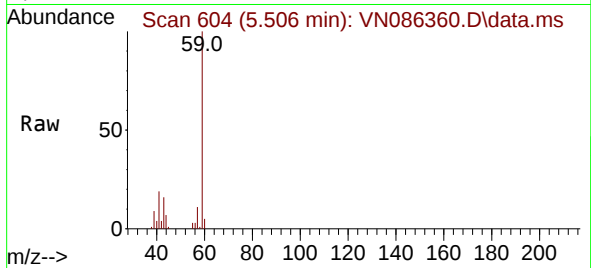




#23
tert-Butyl Alcohol
Concen: 74.161 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

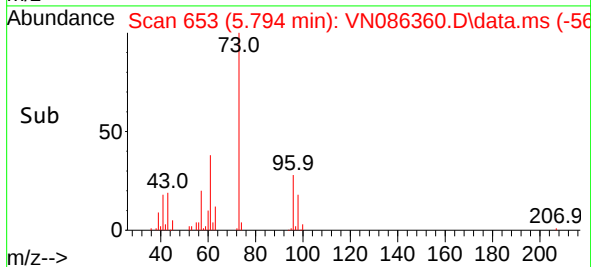
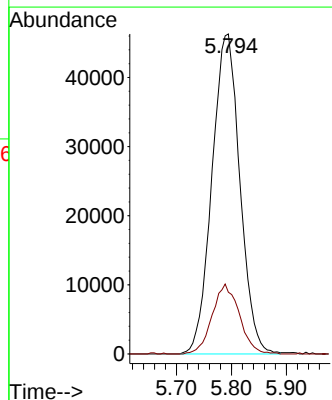
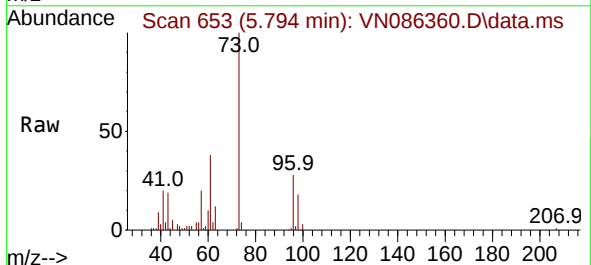
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

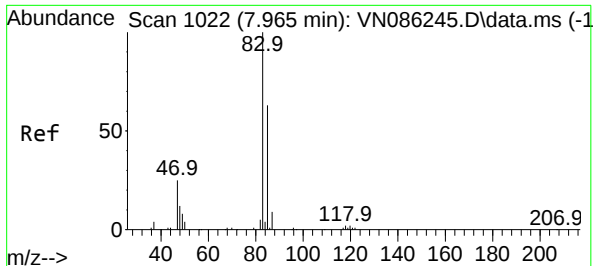
Tgt Ion: 59 Resp: 41075
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 20.211 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

Tgt Ion: 73 Resp: 163539
Ion Ratio Lower Upper
73 100
43 21.2 16.8 25.2





#25

Chloroform

Concen: 21.595 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VN086360.D

Acq: 21 Apr 2025 16:10

Instrument :

MSVOA_N

ClientSampleId :

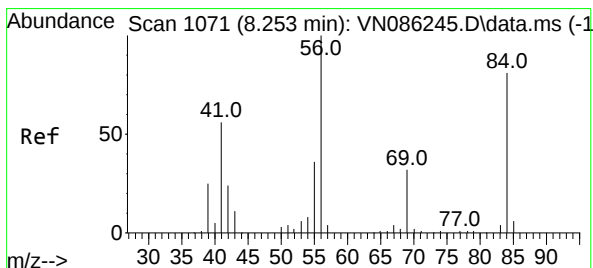
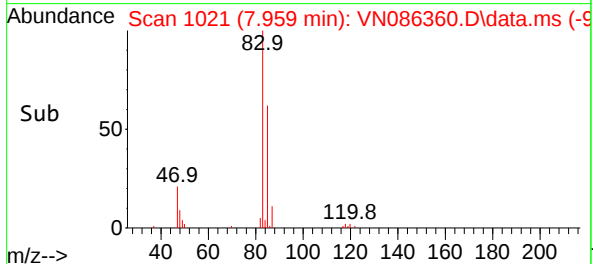
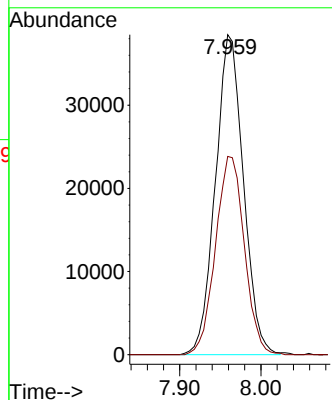
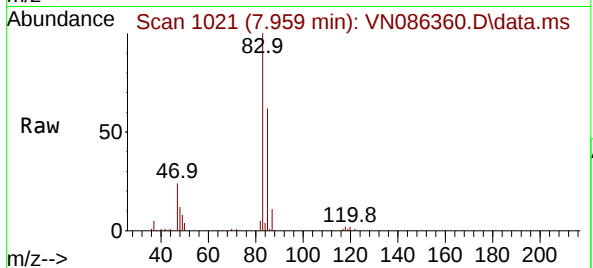
VSTDCCC020EC

Tgt Ion: 83 Resp: 92305

Ion Ratio Lower Upper

83 100

85 62.0 50.5 75.7



#26

Cyclohexane

Concen: 18.855 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN086360.D

Acq: 21 Apr 2025 16:10

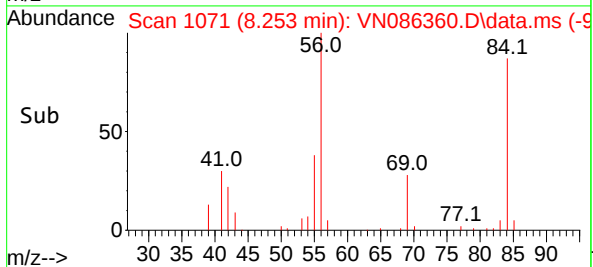
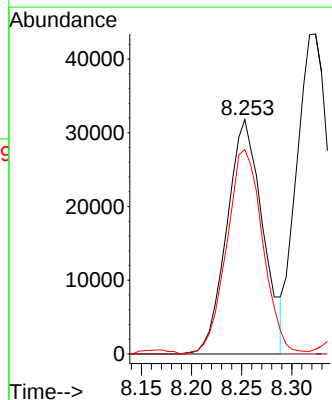
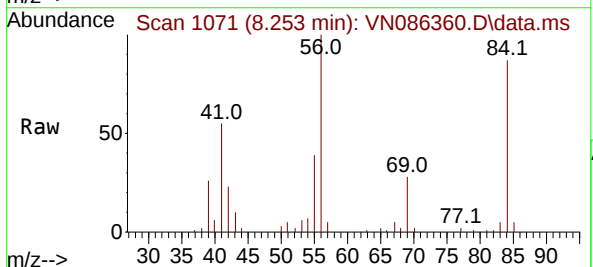
Tgt Ion: 56 Resp: 79070

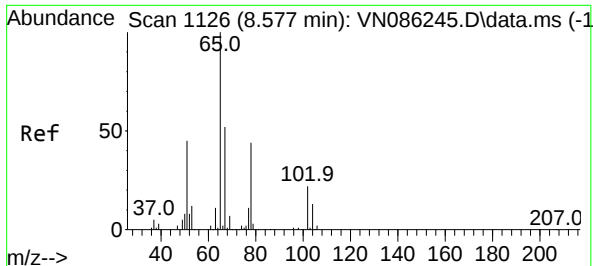
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 87.9 69.0 103.4





#27

1,2-Dichloroethane-d4

Concen: 30.918 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086360.D

Acq: 21 Apr 2025 16:10

Instrument :

MSVOA_N

ClientSampleId :

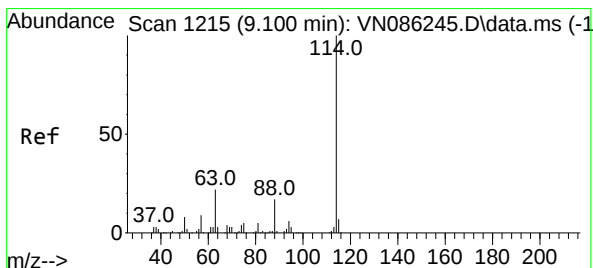
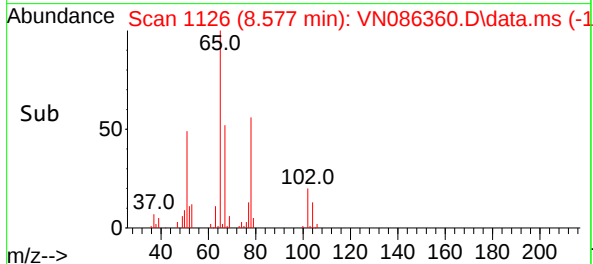
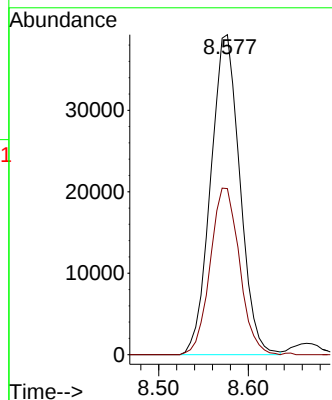
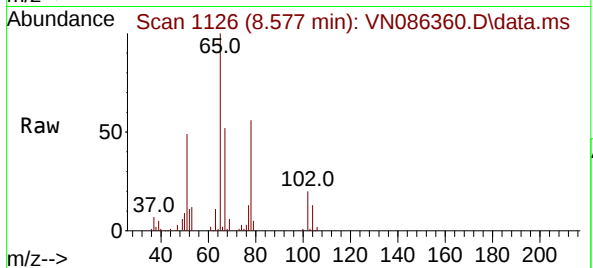
VSTDCCC020EC

Tgt Ion: 65 Resp: 88799

Ion Ratio Lower Upper

65 100

67 52.2 43.4 65.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN086360.D

Acq: 21 Apr 2025 16:10

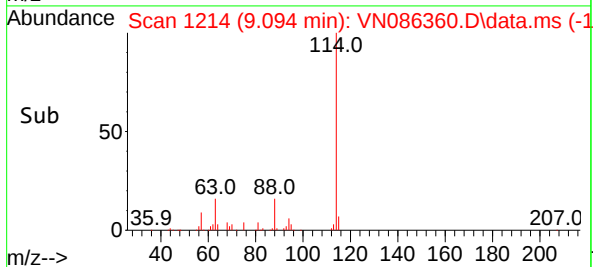
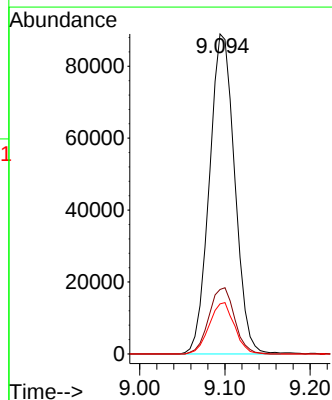
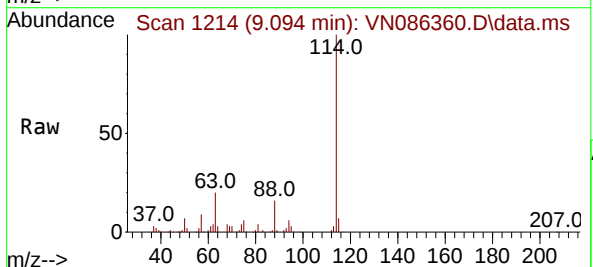
Tgt Ion: 114 Resp: 183648

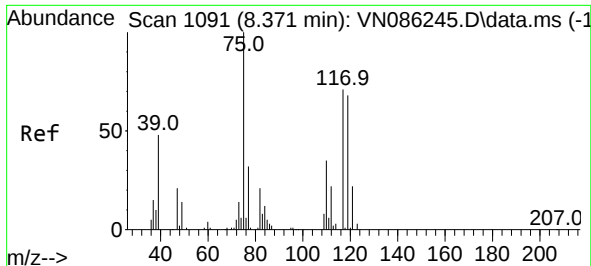
Ion Ratio Lower Upper

114 100

63 21.0 17.8 26.6

88 16.0 13.4 20.2

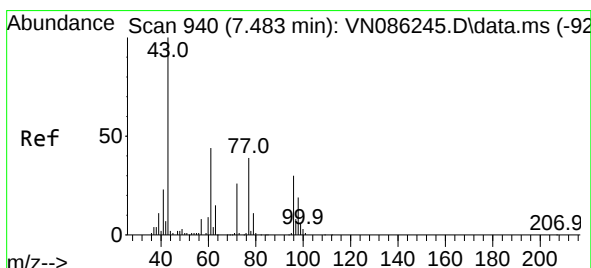
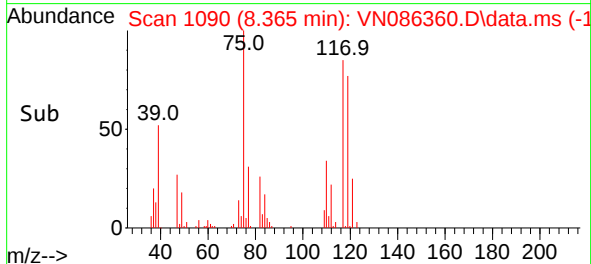
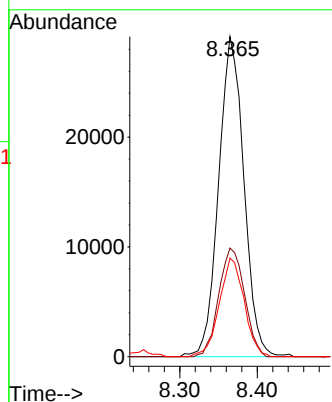
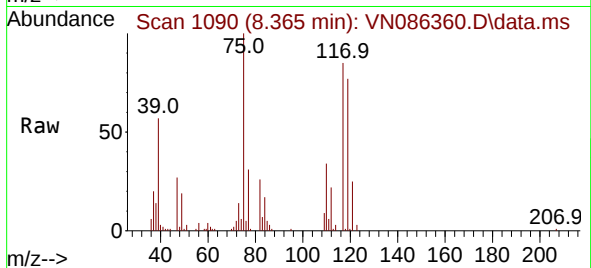




#29
1,1-Dichloropropene
Concen: 20.087 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

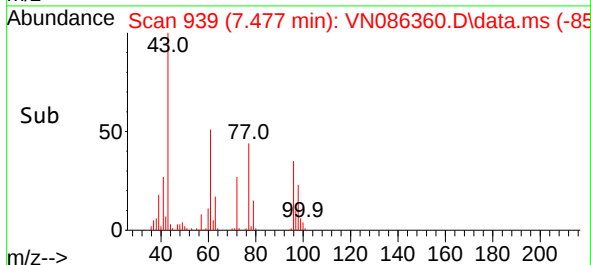
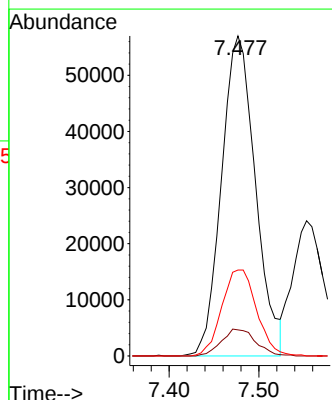
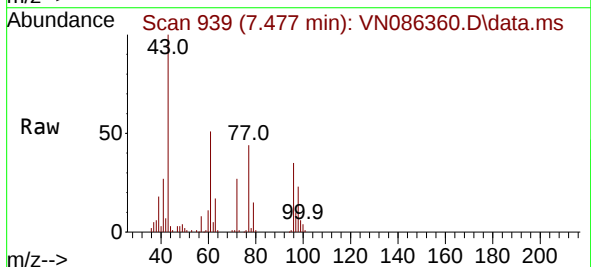
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

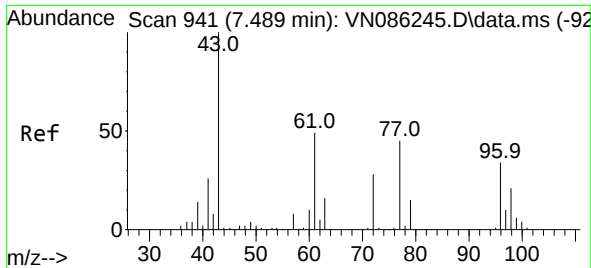
Tgt Ion: 75 Resp: 66085
Ion Ratio Lower Upper
75 100
110 34.6 0.0 68.6
77 30.3 0.0 63.8



#30
2-Butanone
Concen: 82.284 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

Tgt Ion: 43 Resp: 150001
Ion Ratio Lower Upper
43 100
57 8.4 6.4 9.6
72 27.6 21.5 32.3

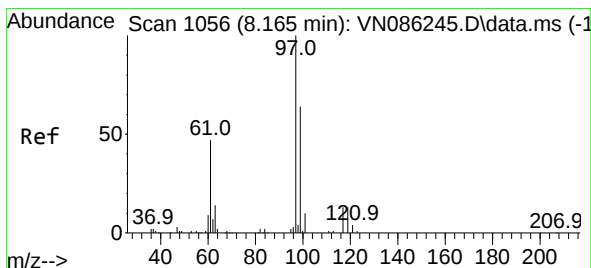
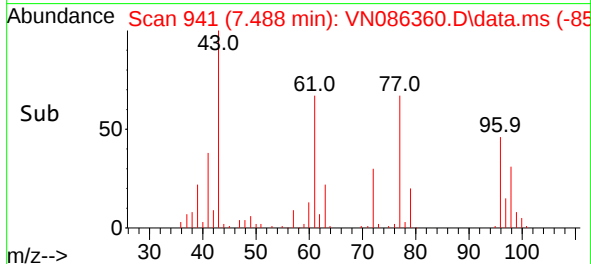
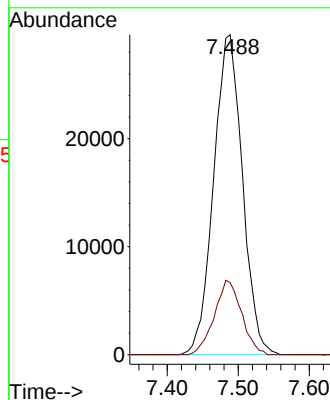
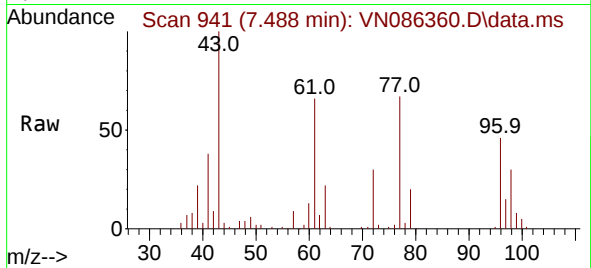




#31
2,2-Dichloropropane
Concen: 20.545 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

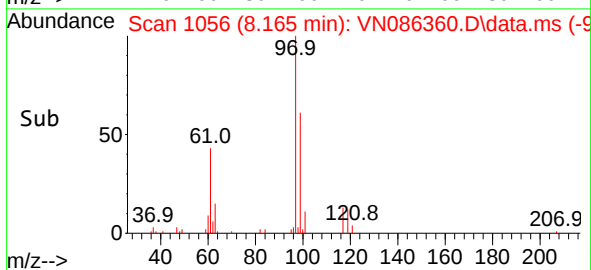
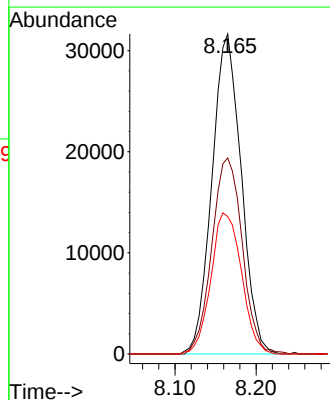
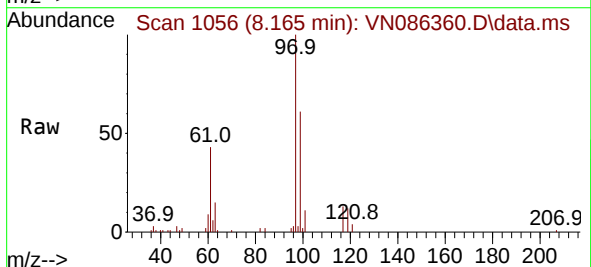
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

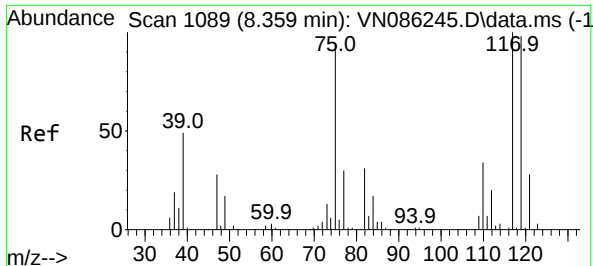
Tgt Ion: 77 Resp: 83197
Ion Ratio Lower Upper
77 100
97 22.0 18.8 28.2



#32
1,1,1-Trichloroethane
Concen: 20.939 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

Tgt Ion: 97 Resp: 79243
Ion Ratio Lower Upper
97 100
99 63.7 51.4 77.2
61 46.1 37.0 55.6

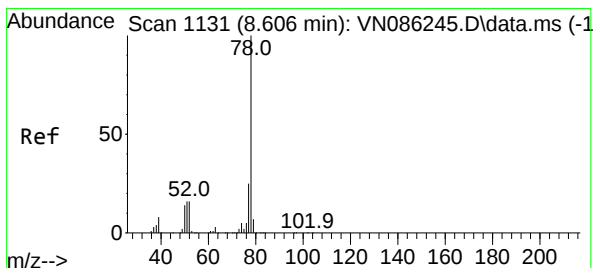
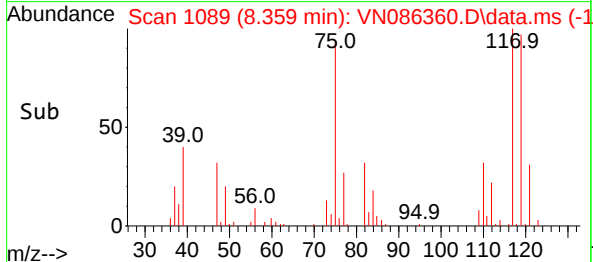
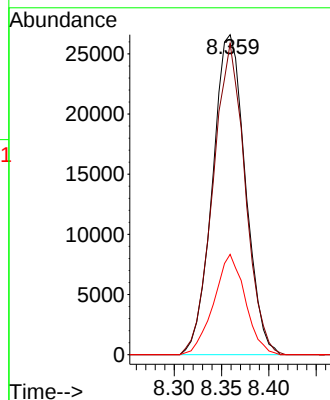
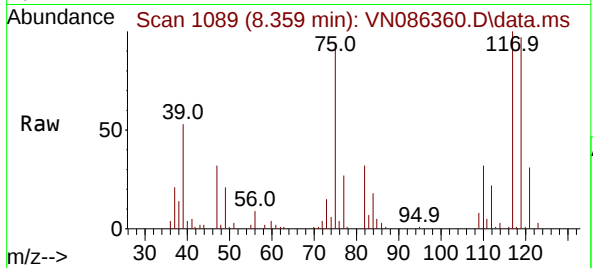




#33
Carbon Tetrachloride
Concen: 21.219 ug/l
RT: 8.359 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

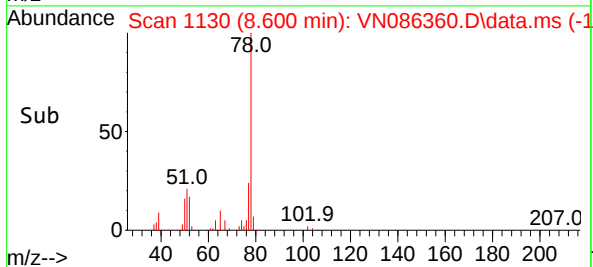
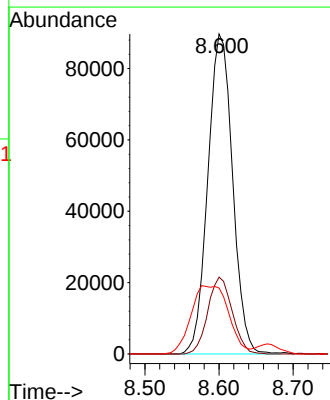
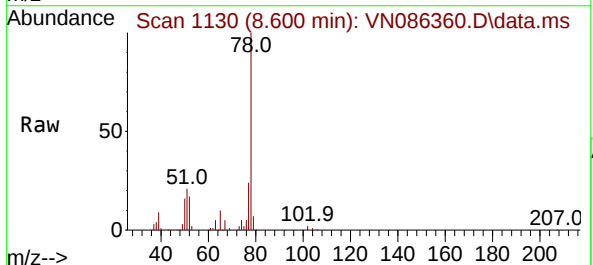
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

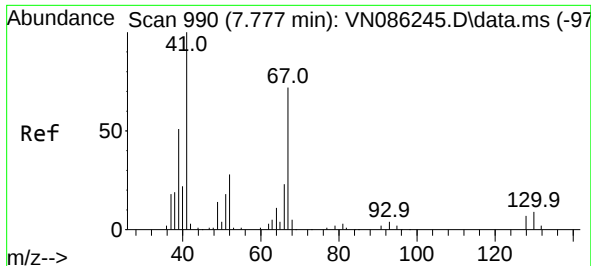
Tgt Ion:117 Resp: 64173
Ion Ratio Lower Upper
117 100
119 97.2 78.3 117.5
121 31.3 22.5 33.7



#34
Benzene
Concen: 19.873 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

Tgt Ion: 78 Resp: 208000
Ion Ratio Lower Upper
78 100
77 24.0 20.0 30.0
51 19.1 12.9 19.3

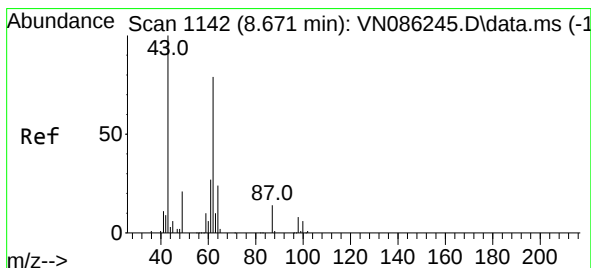
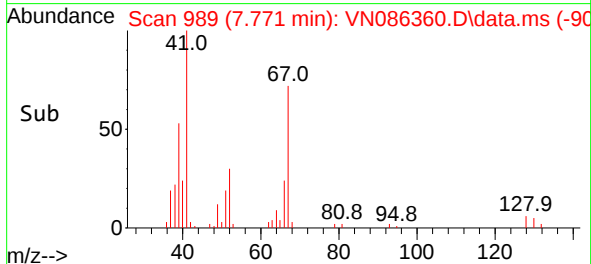
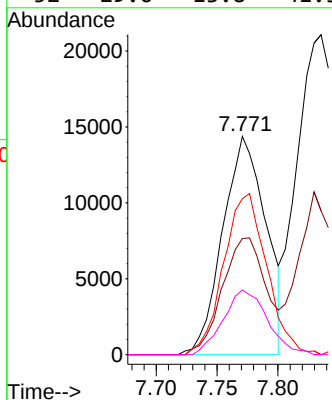
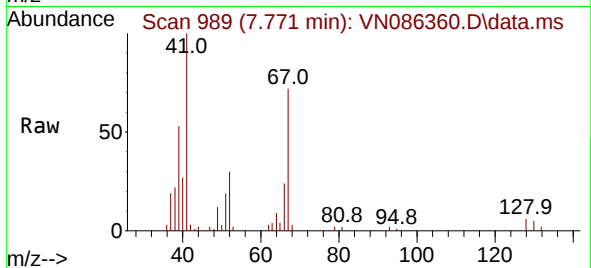




#35
Methacrylonitrile
Concen: 17.244 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

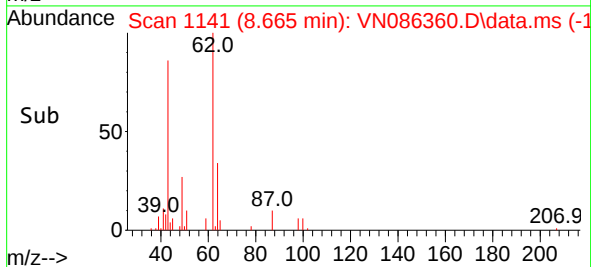
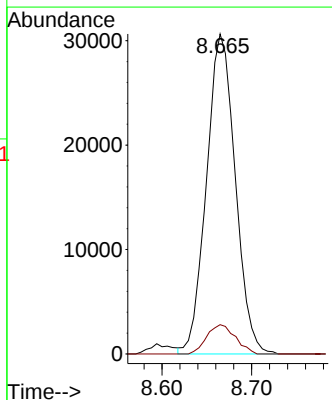
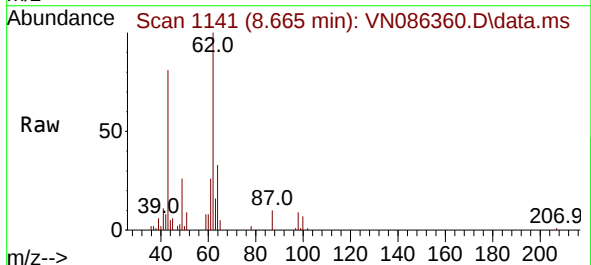
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

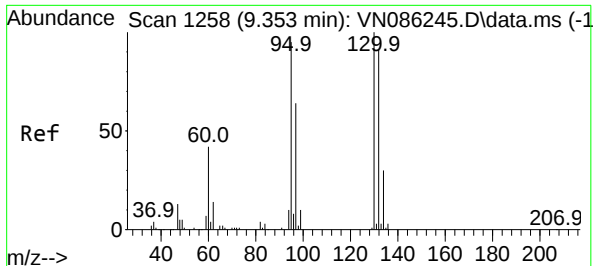
Tgt Ion:	41	Resp:	35438
Ion	Ratio	Lower	Upper
41	100		
39	53.3	25.8	77.3
67	71.5	36.0	108.0
52	29.6	13.8	41.3



#36
1,2-Dichloroethane
Concen: 20.869 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

Tgt Ion:	62	Resp:	68352
Ion	Ratio	Lower	Upper
62	100		
98	9.1	8.6	12.8





#37

Trichloroethene

Concen: 20.068 ug/l

RT: 9.347 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN086360.D

Acq: 21 Apr 2025 16:10

Instrument :

MSVOA_N

ClientSampleId :

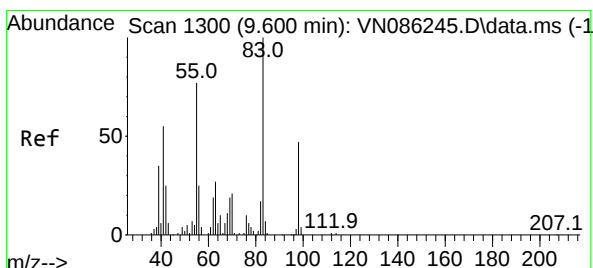
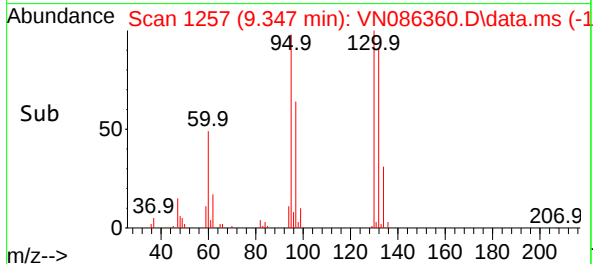
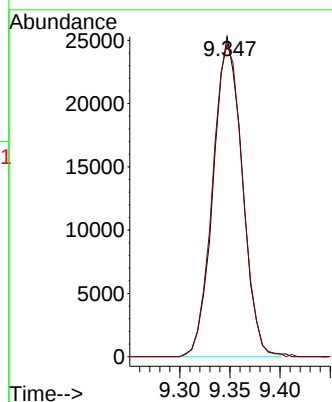
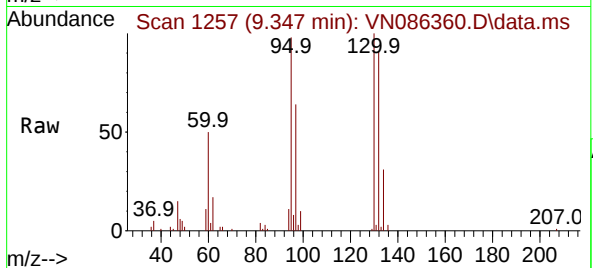
VSTDCCC020EC

Tgt Ion:130 Resp: 50679

Ion Ratio Lower Upper

130 100

95 97.6 76.4 114.6



#38

Methylcyclohexane

Concen: 19.146 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN086360.D

Acq: 21 Apr 2025 16:10

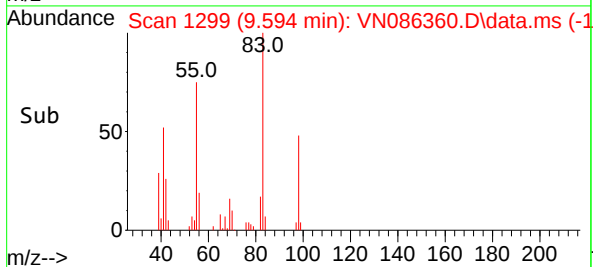
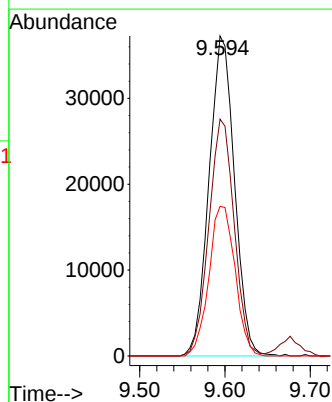
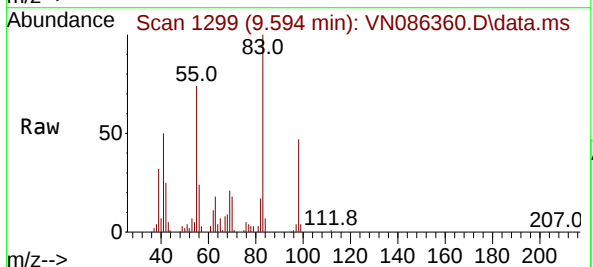
Tgt Ion: 83 Resp: 77250

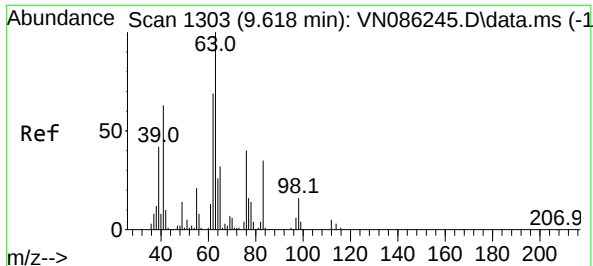
Ion Ratio Lower Upper

83 100

55 74.0 38.5 115.5

98 48.2 24.4 73.2





#39

1,2-Dichloropropane

Concen: 19.705 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086360.D

Acq: 21 Apr 2025 16:10

Instrument :

MSVOA_N

ClientSampleId :

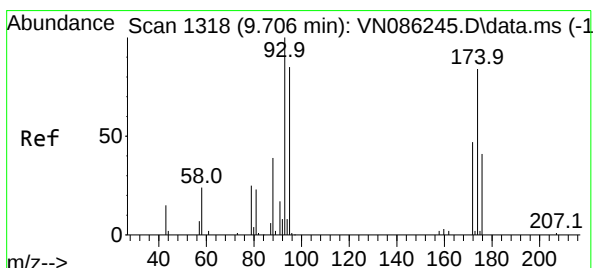
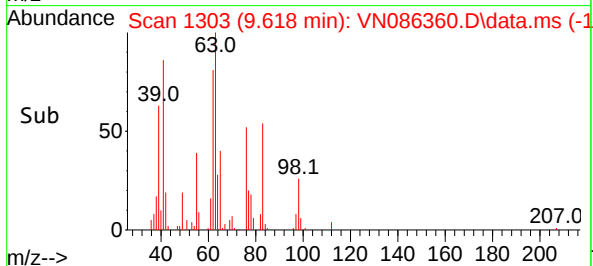
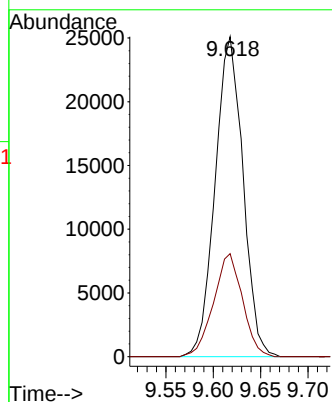
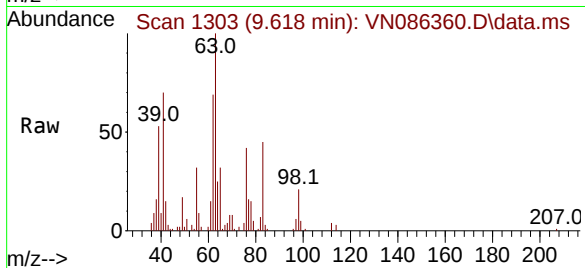
VSTDCCC020EC

Tgt Ion: 63 Resp: 51318

Ion Ratio Lower Upper

63 100

65 32.2 26.0 39.0



#40

Dibromomethane

Concen: 20.445 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. -0.006 min

Lab File: VN086360.D

Acq: 21 Apr 2025 16:10

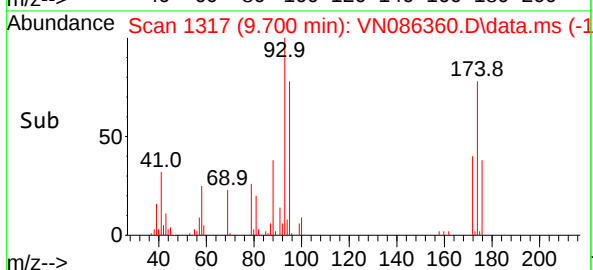
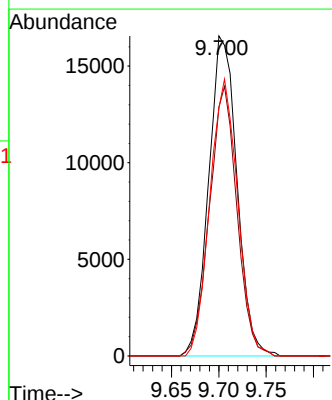
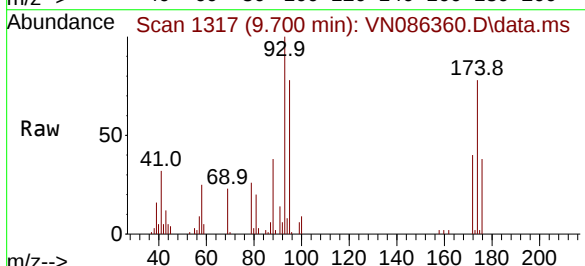
Tgt Ion: 93 Resp: 34390

Ion Ratio Lower Upper

93 100

95 81.8 0.0 169.0

174 85.1 0.0 168.0

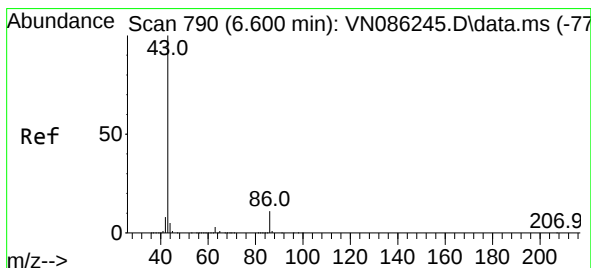
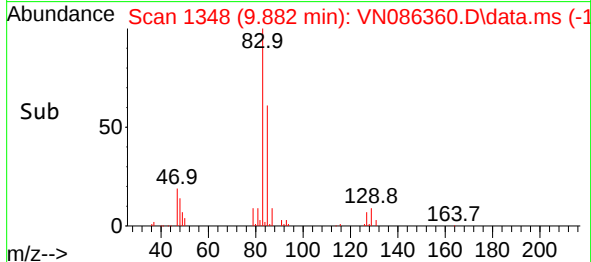
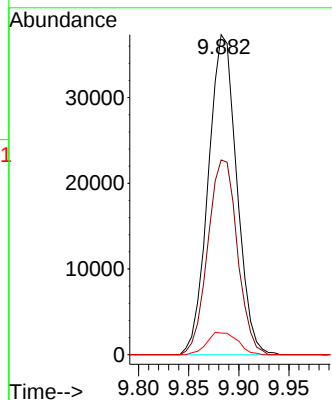
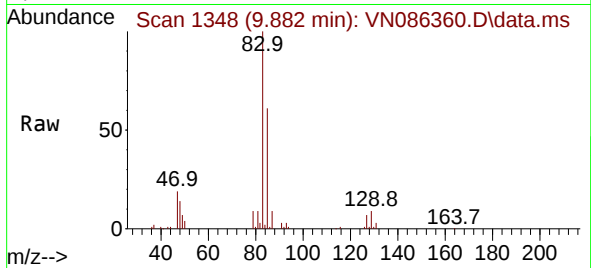




#41
Bromodichloromethane
Concen: 20.439 ug/l
RT: 9.882 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

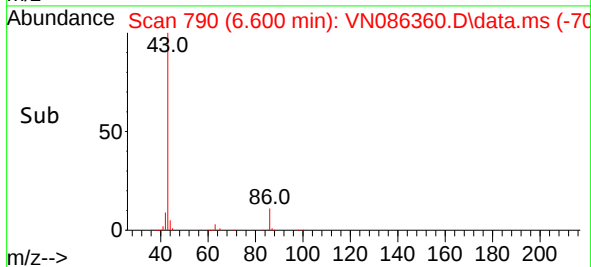
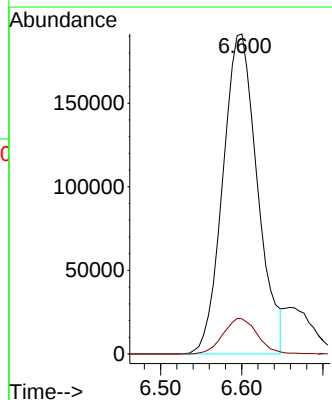
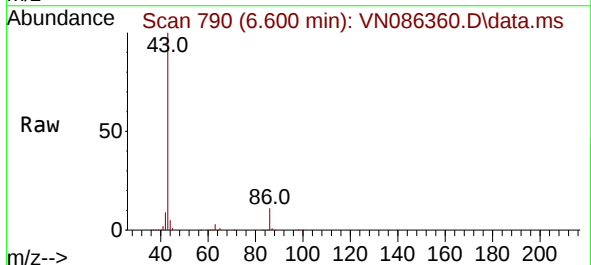
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

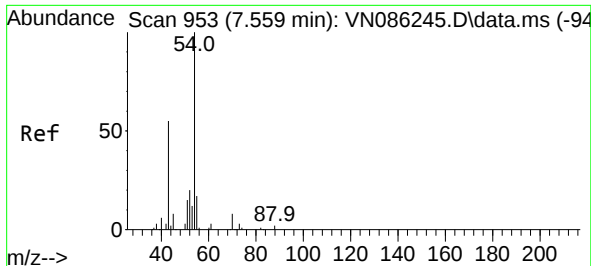
Tgt Ion: 83 Resp: 73858
Ion Ratio Lower Upper
83 100
85 60.9 50.2 75.2
127 6.8 6.2 9.4



#42
Vinyl Acetate
Concen: 91.405 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

Tgt Ion: 43 Resp: 567195
Ion Ratio Lower Upper
43 100
86 11.0 8.4 12.6

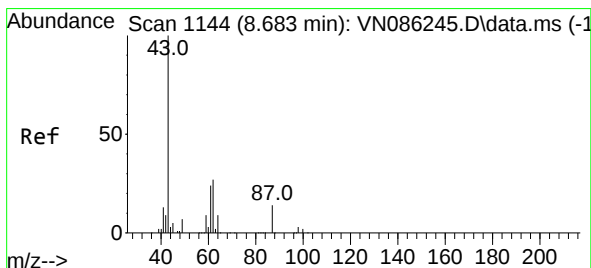
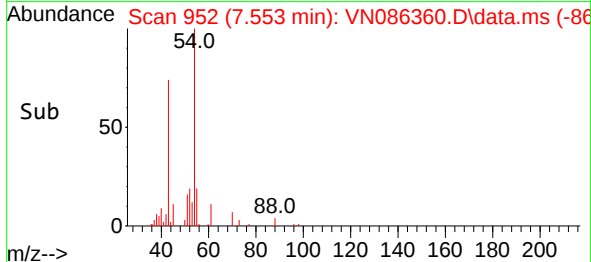
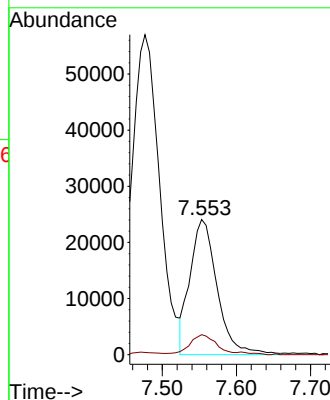
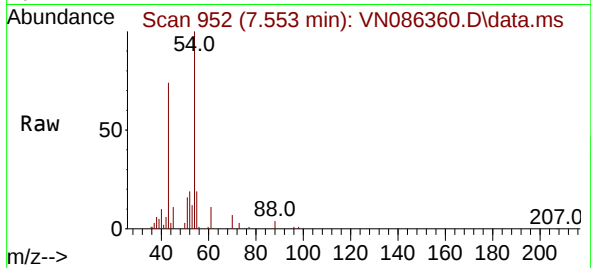




#43
Ethyl Acetate
Concen: 16.636 ug/l
RT: 7.553 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

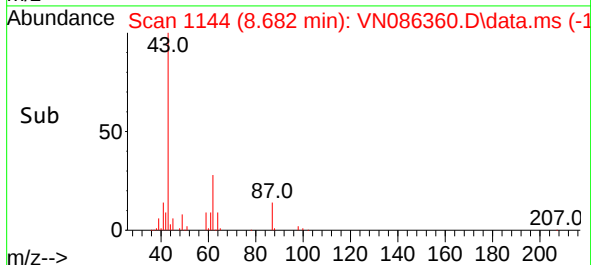
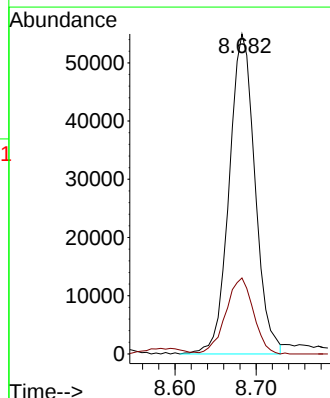
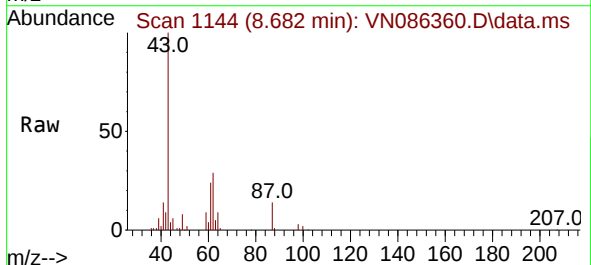
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

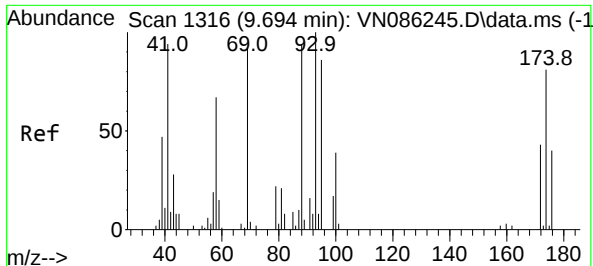
Tgt Ion: 43 Resp: 61171
Ion Ratio Lower Upper
43 100
45 13.0 11.2 16.8



#44
Isopropyl Acetate
Concen: 17.815 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

Tgt Ion: 43 Resp: 121521
Ion Ratio Lower Upper
43 100
61 25.3 20.5 30.7

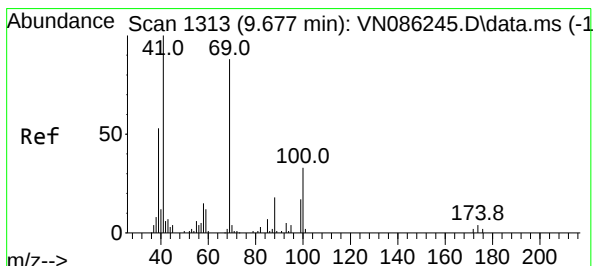
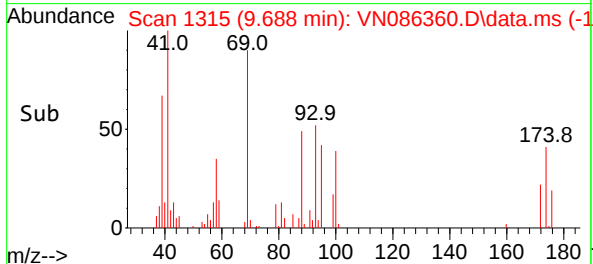
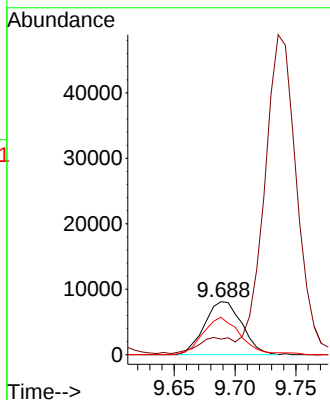
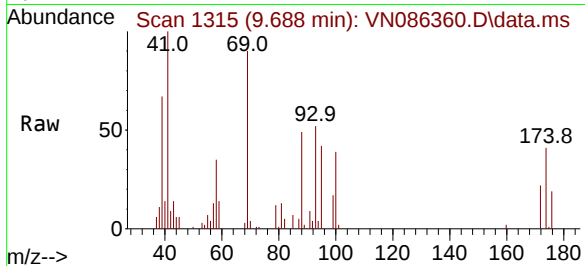




#45
1,4-Dioxane
Concen: 319.495 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

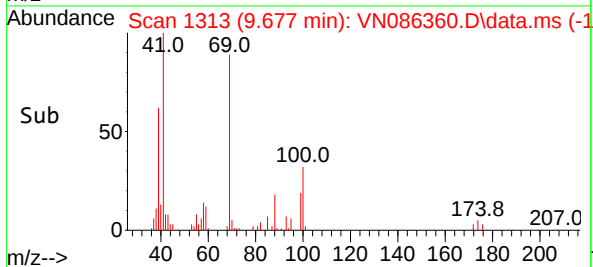
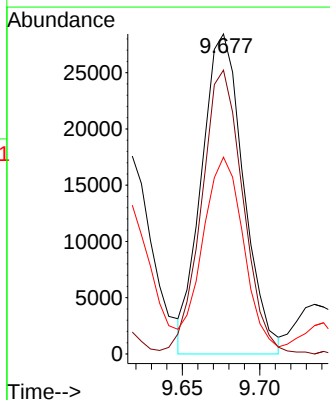
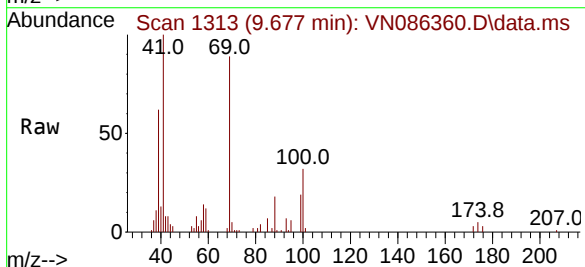
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

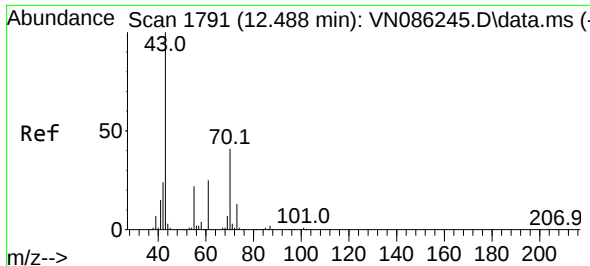
Tgt Ion: 88 Resp: 17330
Ion Ratio Lower Upper
88 100
43 31.3 14.4 21.6#
58 69.1 59.8 89.8



#46
Methyl methacrylate
Concen: 17.846 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

Tgt Ion: 41 Resp: 53637
Ion Ratio Lower Upper
41 100
69 91.3 43.2 129.6
39 62.6 26.4 79.0

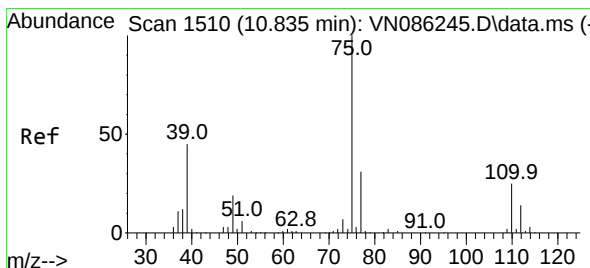
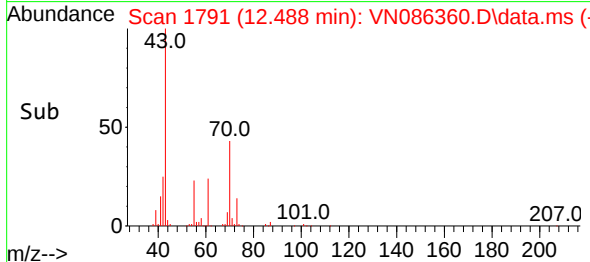
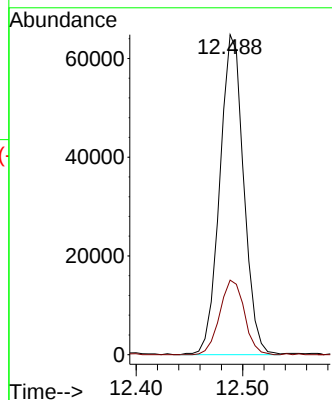
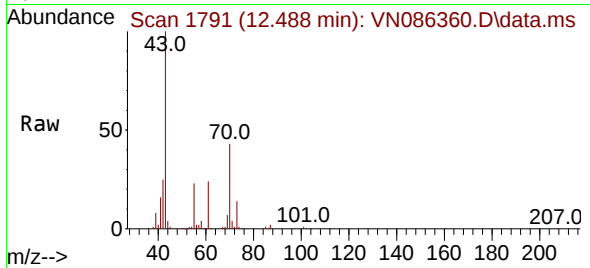




#47
n-amy1 Acetate
Concen: 18.683 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

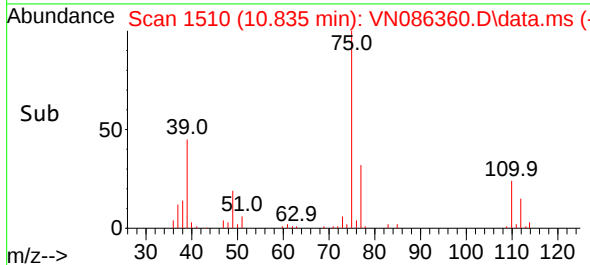
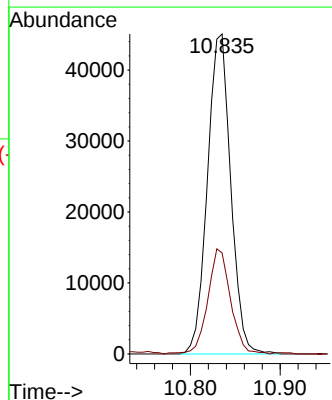
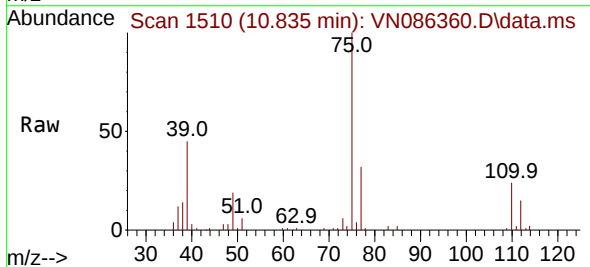
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

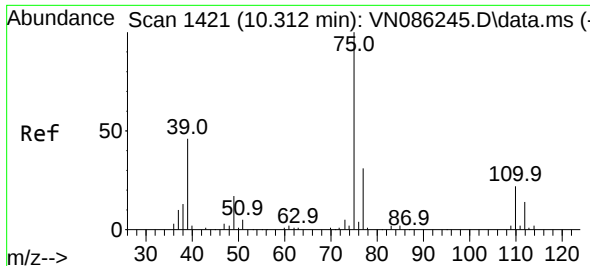
Tgt Ion: 43 Resp: 101045
Ion Ratio Lower Upper
43 100
55 24.0 19.0 28.4



#48
t-1,3-Dichloropropene
Concen: 19.897 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

Tgt Ion: 75 Resp: 81283
Ion Ratio Lower Upper
75 100
77 31.2 25.1 37.7

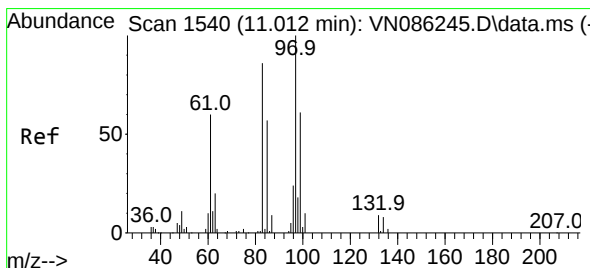
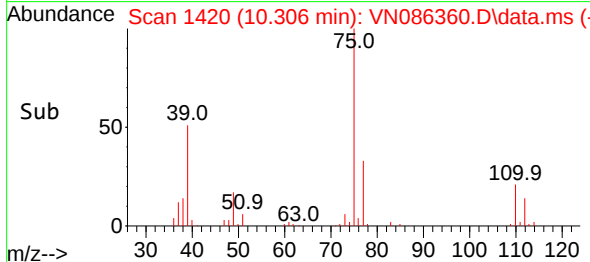
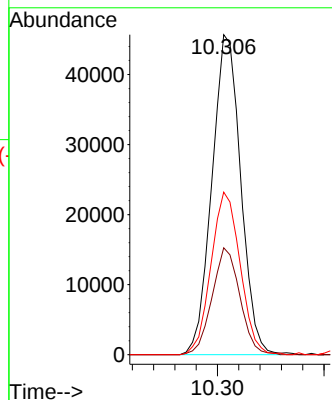
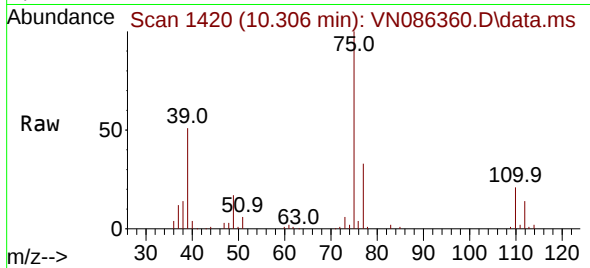




#49
 cis-1,3-Dichloropropene
 Concen: 19.837 ug/l
 RT: 10.306 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN086360.D
 Acq: 21 Apr 2025 16:10

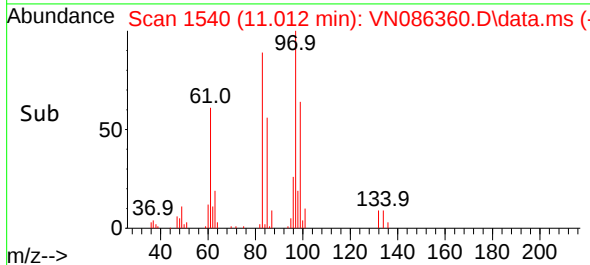
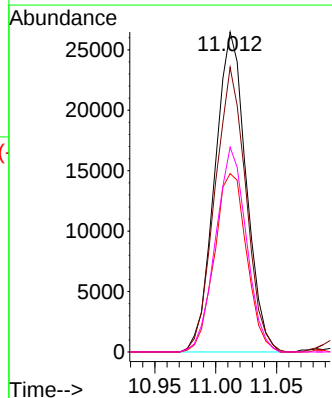
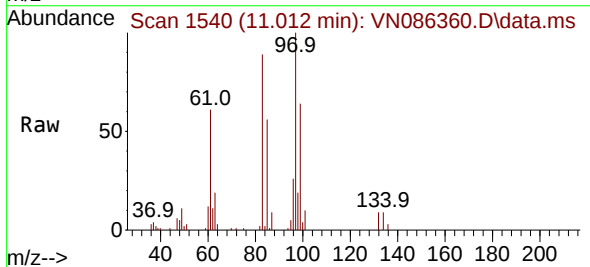
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

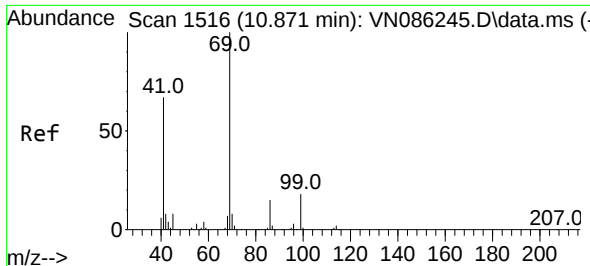
Tgt Ion: 75 Resp: 85767
 Ion Ratio Lower Upper
 75 100
 77 33.4 25.0 37.4
 39 50.8 36.7 55.1



#50
 1,1,2-Trichloroethane
 Concen: 20.093 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. -0.000 min
 Lab File: VN086360.D
 Acq: 21 Apr 2025 16:10

Tgt Ion: 97 Resp: 47403
 Ion Ratio Lower Upper
 97 100
 83 88.9 68.6 103.0
 85 55.7 45.9 68.9
 99 64.0 48.6 73.0

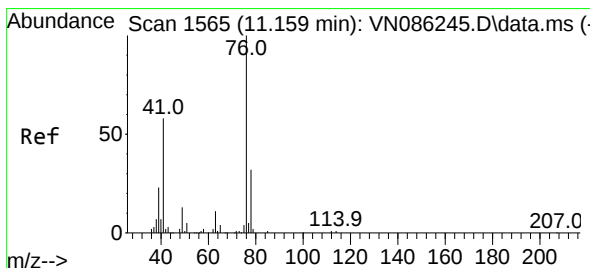
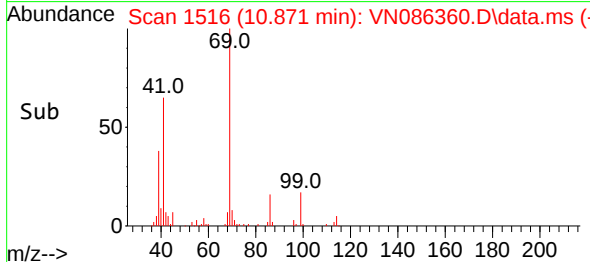
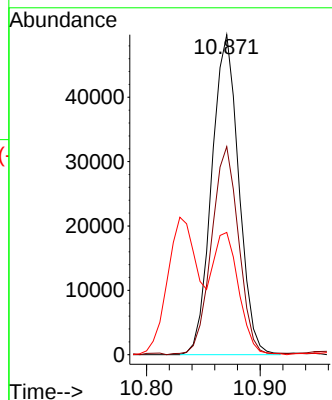
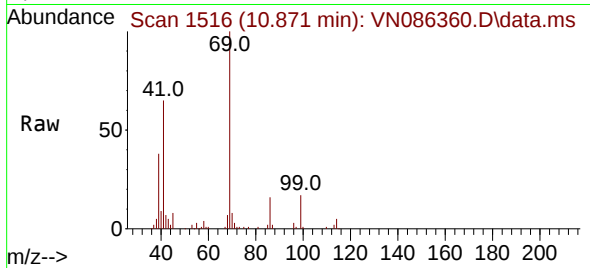




#51
Ethyl methacrylate
Concen: 18.755 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

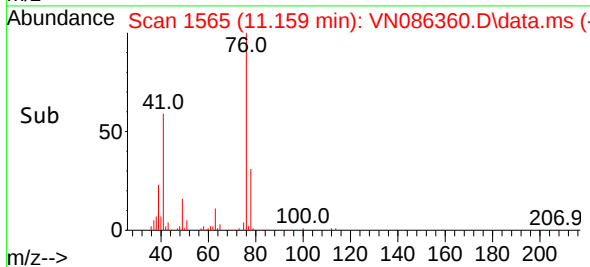
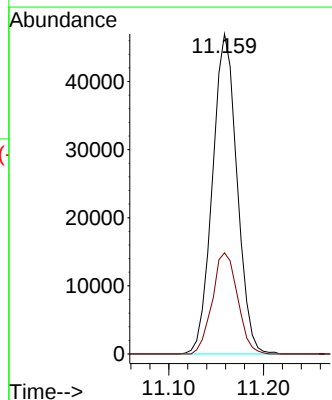
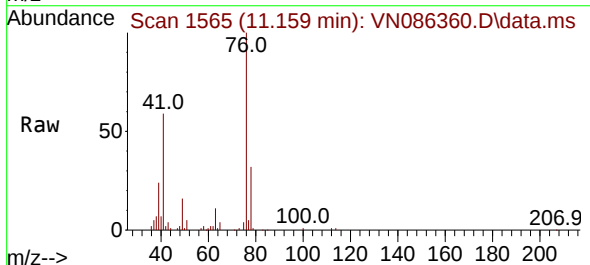
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

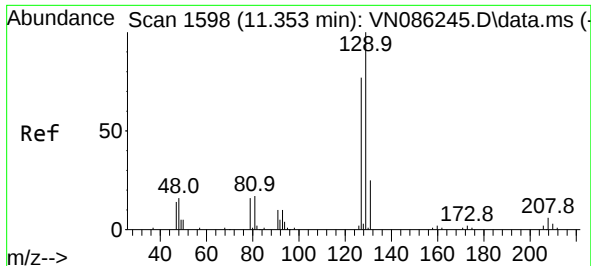
Tgt Ion: 69 Resp: 82226
Ion Ratio Lower Upper
69 100
41 64.6 33.6 100.6
39 37.9 17.8 53.4



#52
1,3-Dichloropropane
Concen: 20.135 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

Tgt Ion: 76 Resp: 84665
Ion Ratio Lower Upper
76 100
78 32.5 0.0 64.6

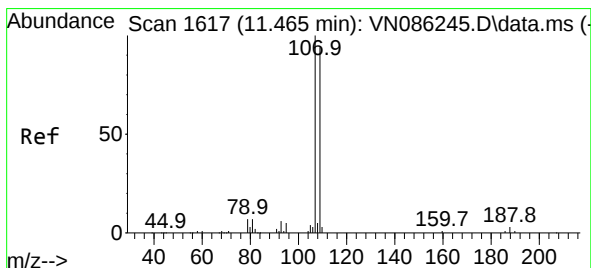
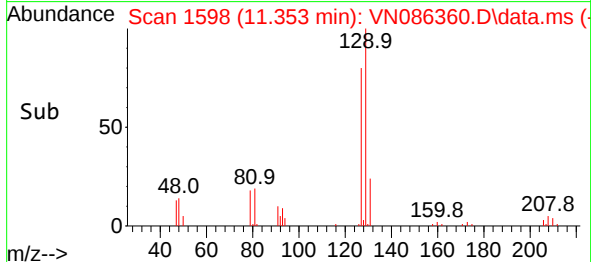
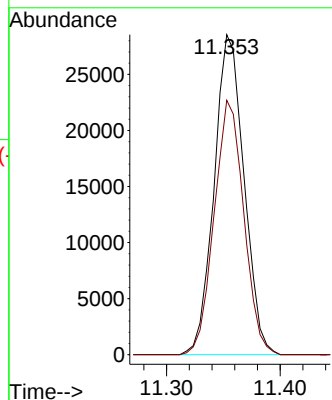
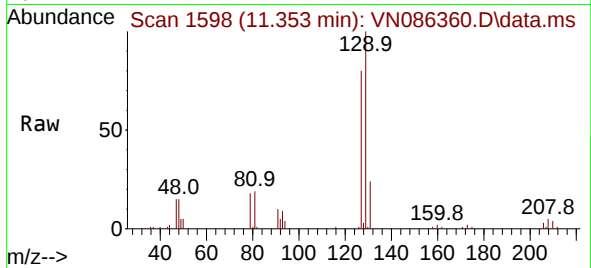




#53
Dibromochloromethane
Concen: 20.226 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

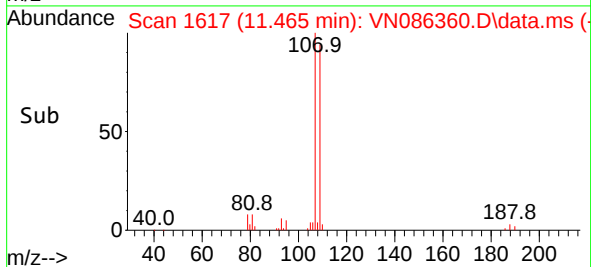
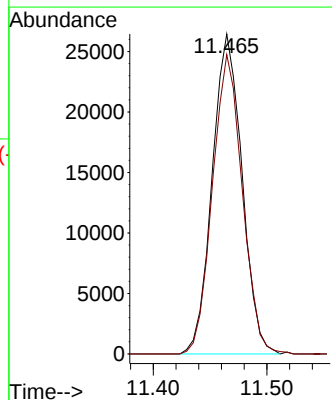
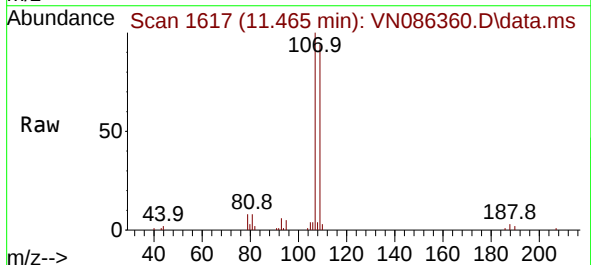
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

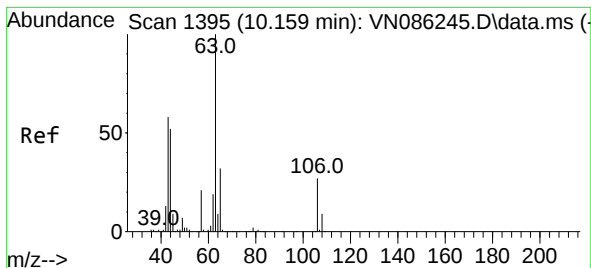
Tgt Ion:129 Resp: 52195
Ion Ratio Lower Upper
129 100
127 78.7 38.5 115.5



#54
1,2-Dibromoethane
Concen: 20.209 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

Tgt Ion:107 Resp: 48128
Ion Ratio Lower Upper
107 100
109 93.7 75.2 112.8

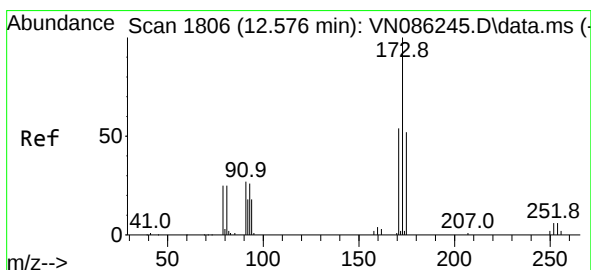
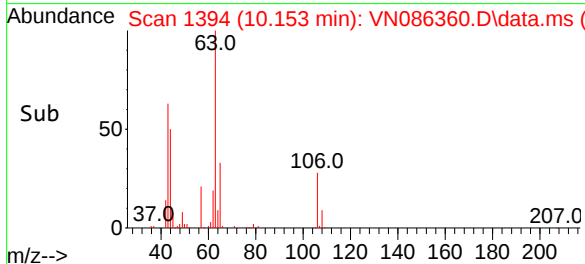
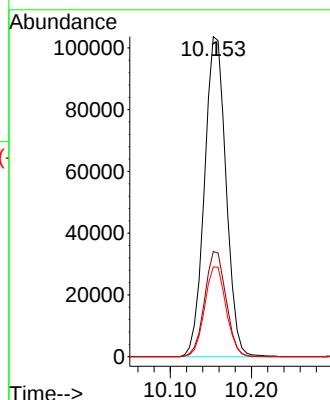
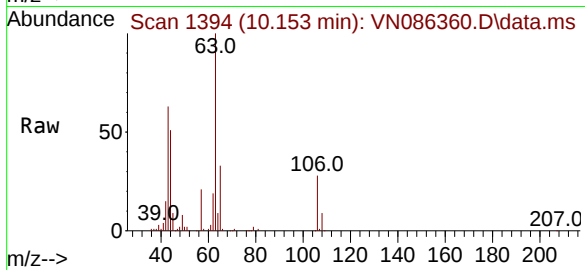




#55
2-Chloroethyl vinyl ether
Concen: 115.340 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

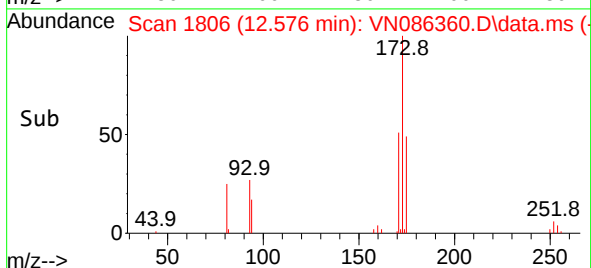
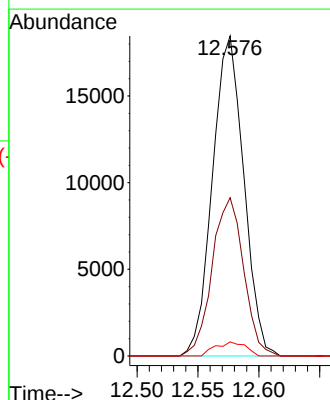
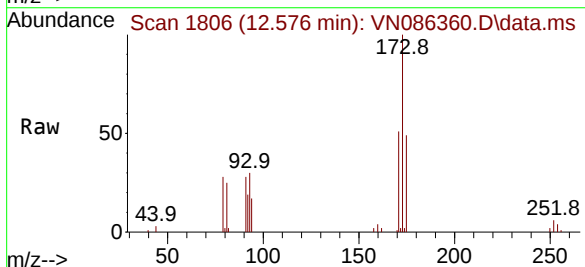
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

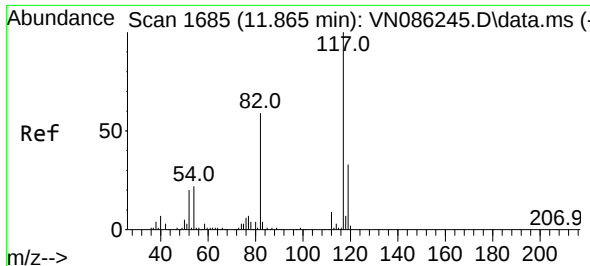
Tgt Ion: 63 Resp: 191077
Ion Ratio Lower Upper
63 100
65 32.5 25.8 38.8
106 28.0 21.8 32.8



#56
Bromoform
Concen: 19.532 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

Tgt Ion:173 Resp: 32976
Ion Ratio Lower Upper
173 100
175 49.8 38.2 57.4
254 4.2 4.5 6.7#

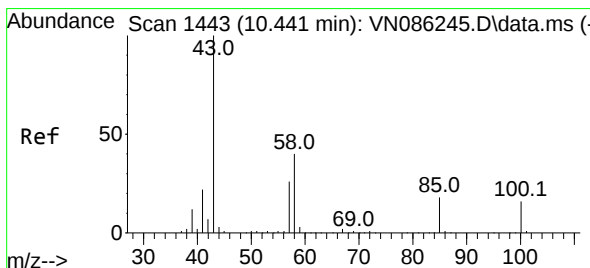
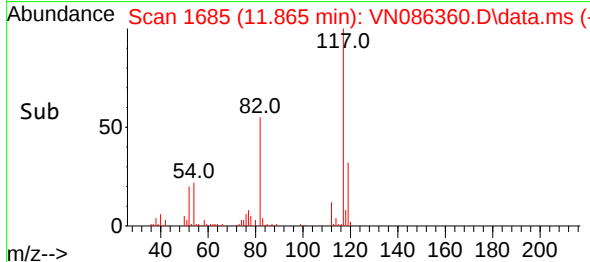
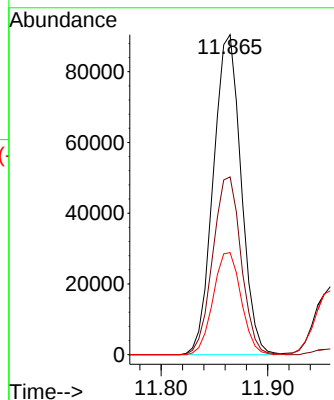
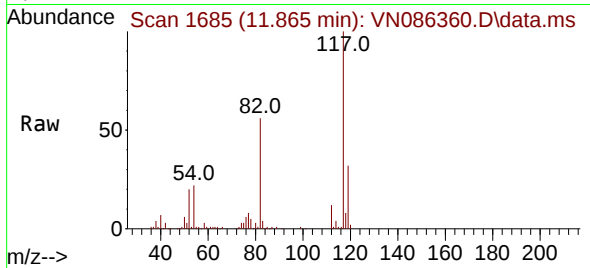




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

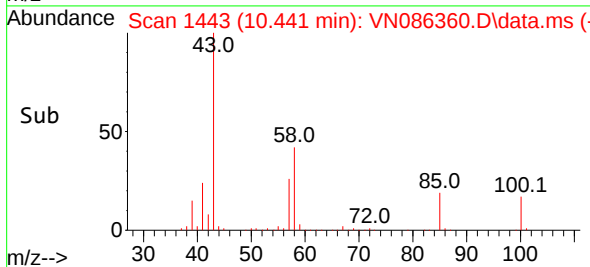
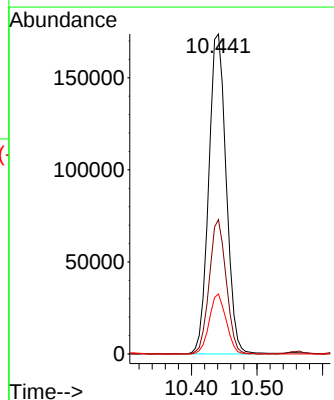
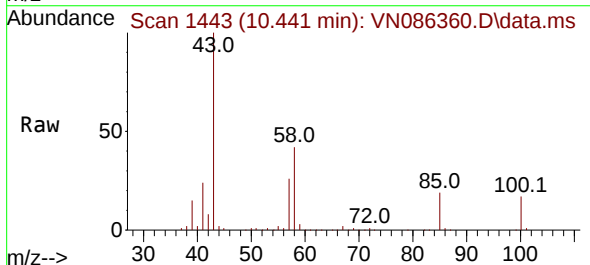
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

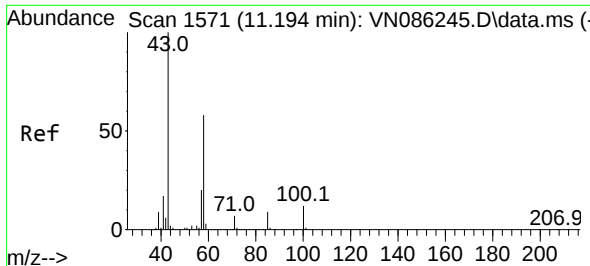
Tgt Ion:117 Resp: 163822
Ion Ratio Lower Upper
117 100
82 56.7 47.3 70.9
119 32.2 25.9 38.9



#58
4-Methyl-2-Pentanone
Concen: 86.802 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

Tgt Ion: 43 Resp: 322698
Ion Ratio Lower Upper
43 100
58 40.7 32.5 48.7
85 18.1 14.4 21.6

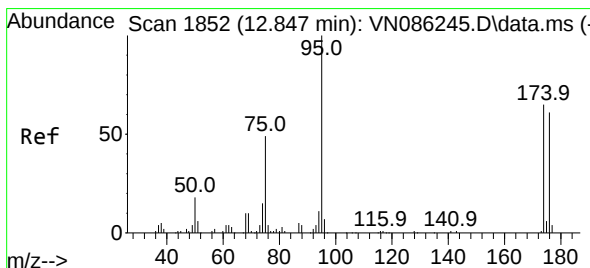
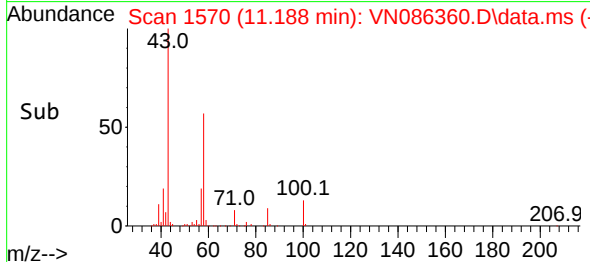
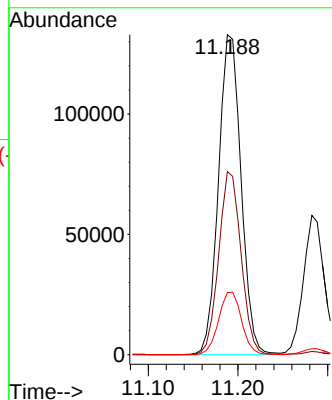
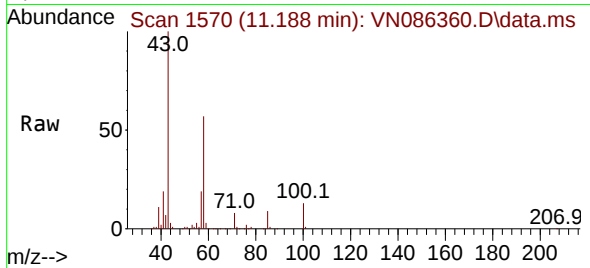




#59
2-Hexanone
Concen: 84.100 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. -0.006 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

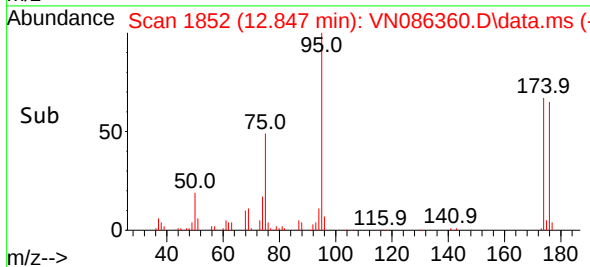
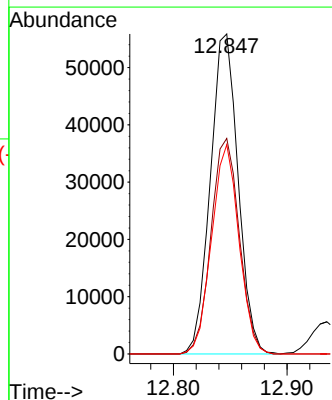
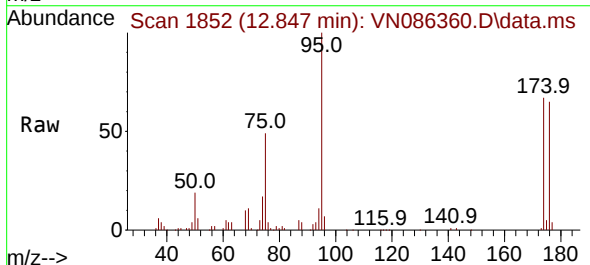
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

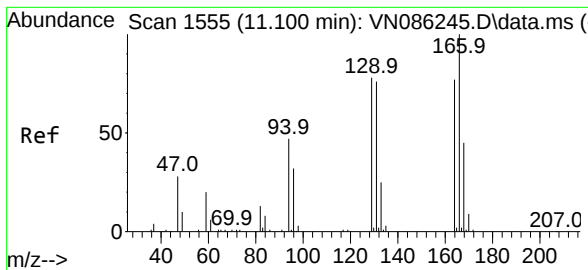
Tgt Ion: 43 Resp: 232809
Ion Ratio Lower Upper
43 100
58 56.6 45.3 67.9
57 19.9 15.8 23.6



#60
4-Bromofluorobenzene
Concen: 29.145 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

Tgt Ion: 95 Resp: 95061
Ion Ratio Lower Upper
95 100
174 68.5 52.7 79.1
176 64.3 49.8 74.8



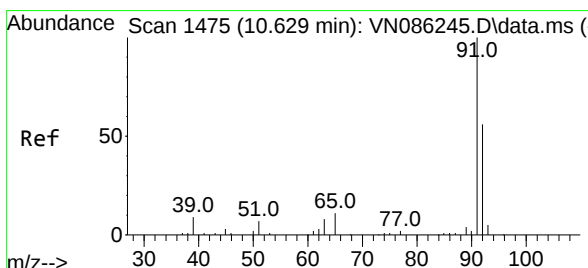
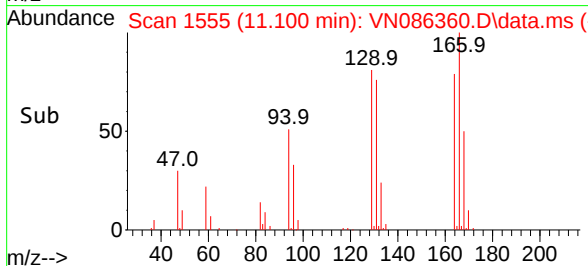
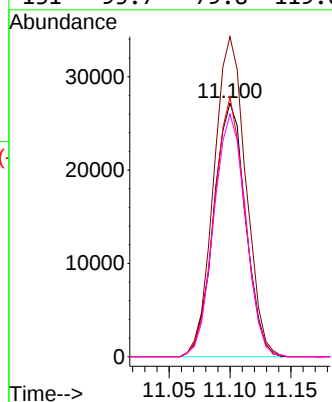
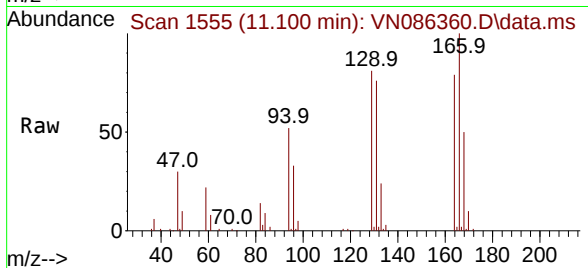


#61
Tetrachloroethene
Concen: 20.434 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:164 Resp: 49436

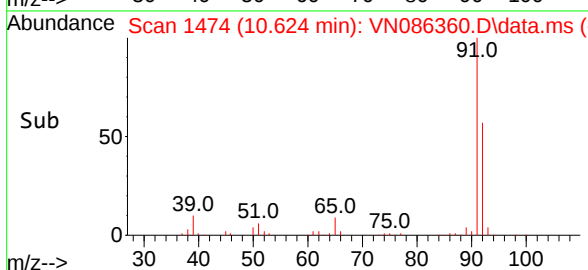
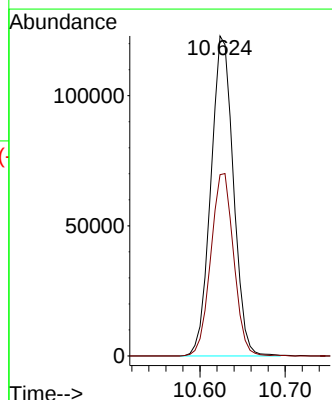
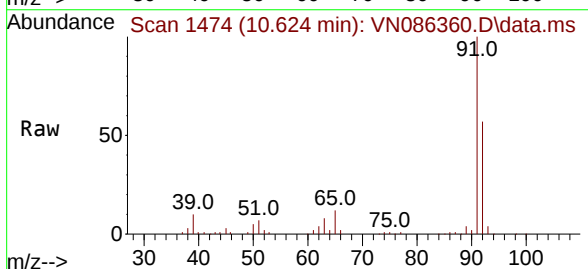
Ion	Ratio	Lower	Upper
164	100		
166	126.2	104.5	156.7
129	102.5	81.7	122.5
131	95.7	79.8	119.6

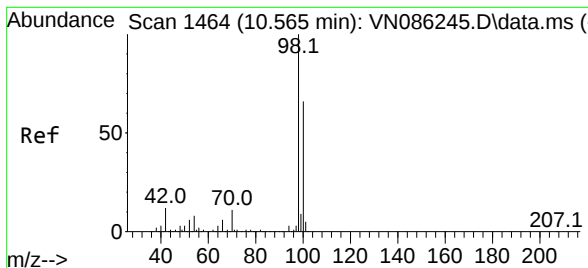


#62
Toluene
Concen: 20.529 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

Tgt Ion: 91 Resp: 225579

Ion	Ratio	Lower	Upper
91	100		
92	57.9	46.8	70.2

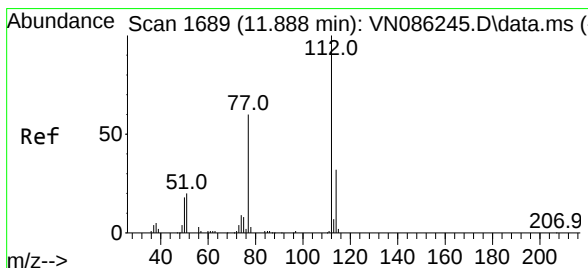
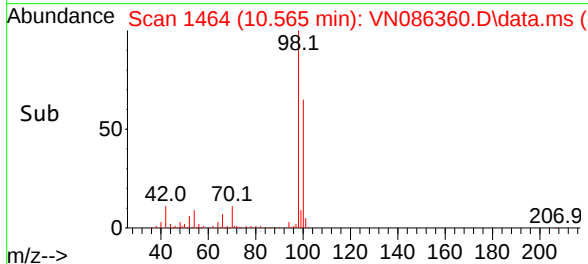
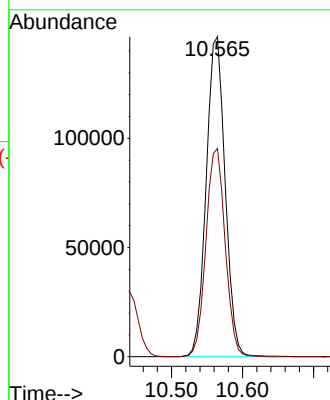
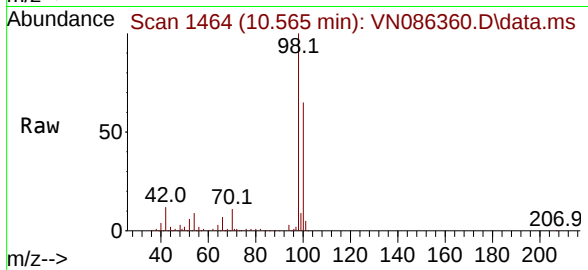




#63
Toluene-d8
Concen: 29.396 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

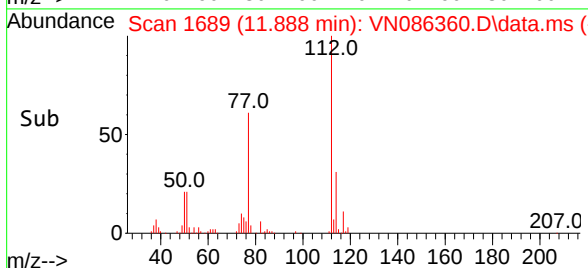
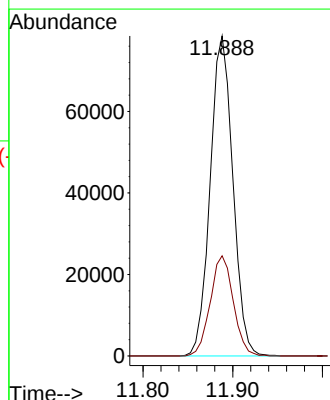
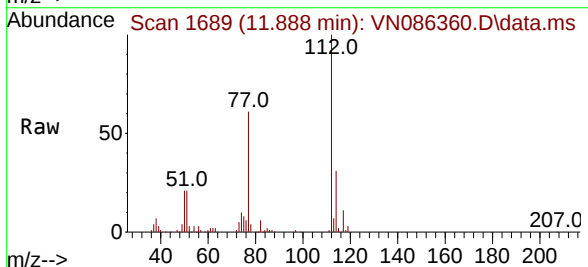
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

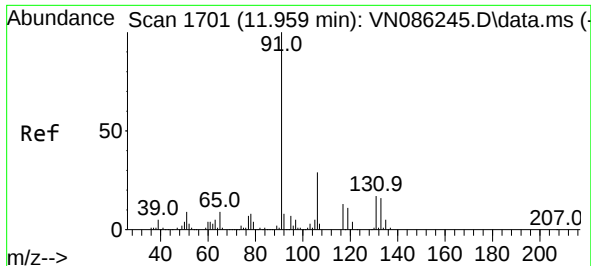
Tgt Ion: 98 Resp: 271877
Ion Ratio Lower Upper
98 100
100 65.9 52.3 78.5



#64
Chlorobenzene
Concen: 20.549 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

Tgt Ion: 112 Resp: 137946
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.6

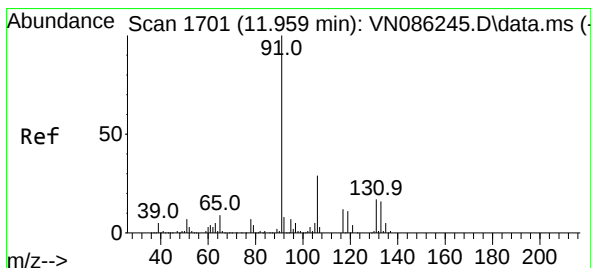
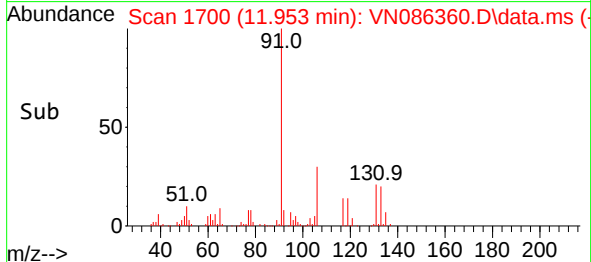
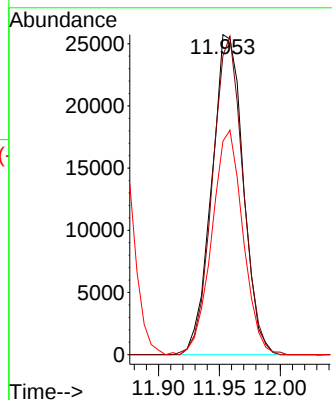
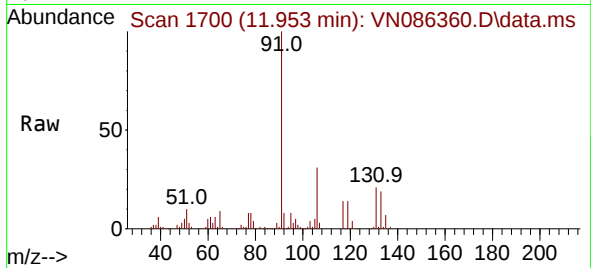




#65
1,1,1,2-Tetrachloroethane
Concen: 20.890 ug/l
RT: 11.953 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

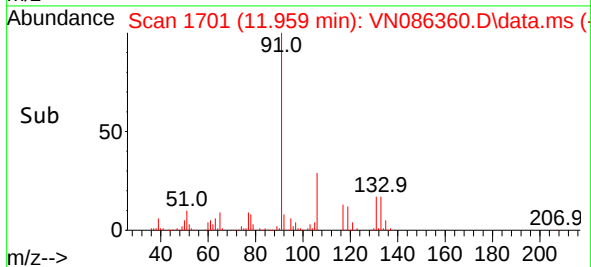
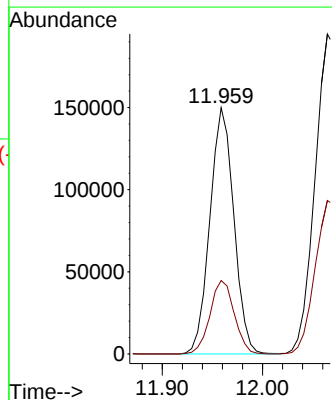
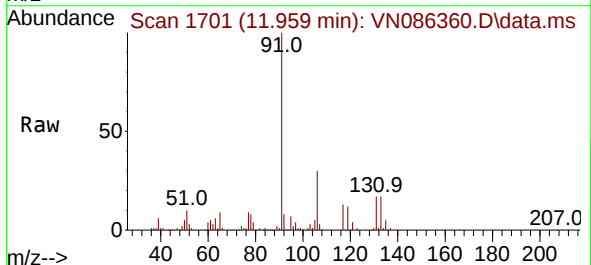
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

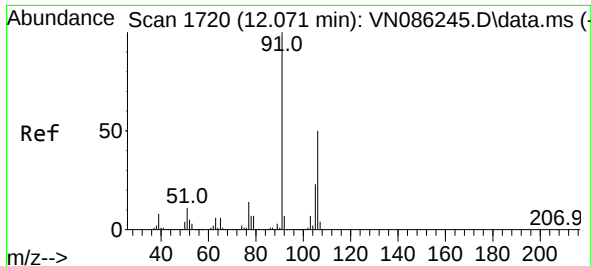
Tgt Ion:131 Resp: 46281
Ion Ratio Lower Upper
131 100
133 96.8 0.0 190.4
119 69.2 0.0 135.6



#66
Ethyl Benzene
Concen: 20.444 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

Tgt Ion: 91 Resp: 249125
Ion Ratio Lower Upper
91 100
106 29.9 23.4 35.0

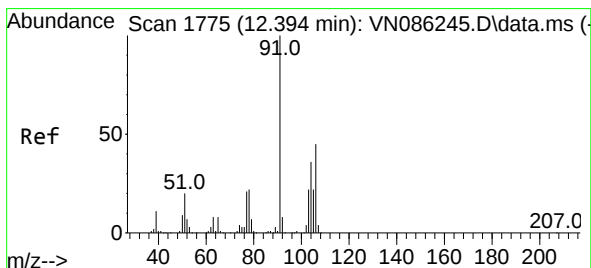
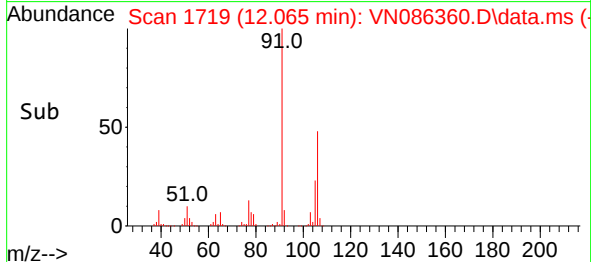
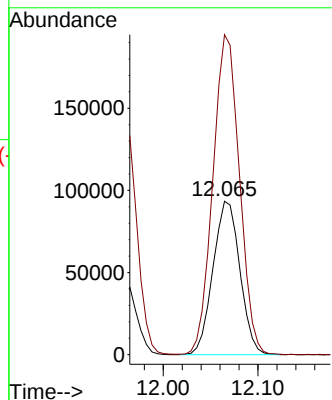
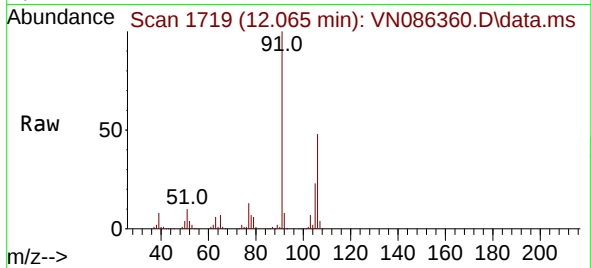




#67
m/p-Xylenes
Concen: 40.632 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

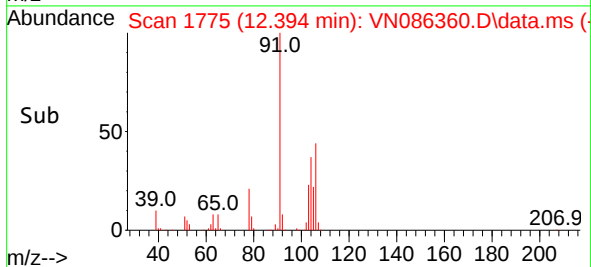
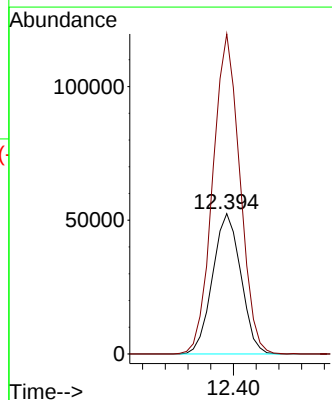
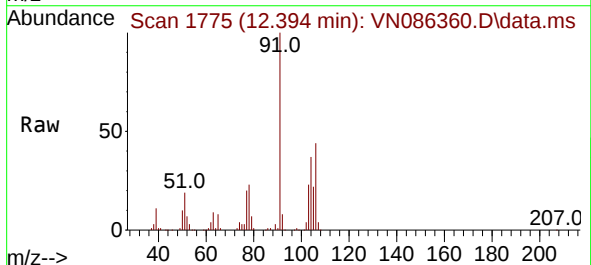
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

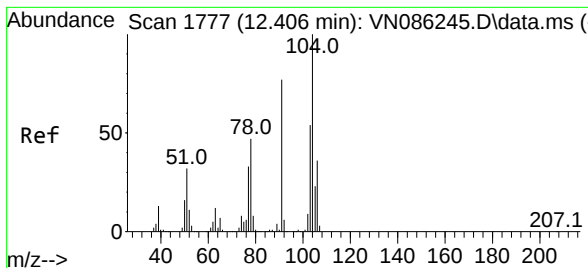
Tgt Ion:106 Resp: 184109
Ion Ratio Lower Upper
106 100
91 206.5 164.5 246.7



#68
o-Xylene
Concen: 20.342 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

Tgt Ion:106 Resp: 90663
Ion Ratio Lower Upper
106 100
91 219.0 109.8 329.4





#69

Styrene

Concen: 20.229 ug/l

RT: 12.406 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086360.D

Acq: 21 Apr 2025 16:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

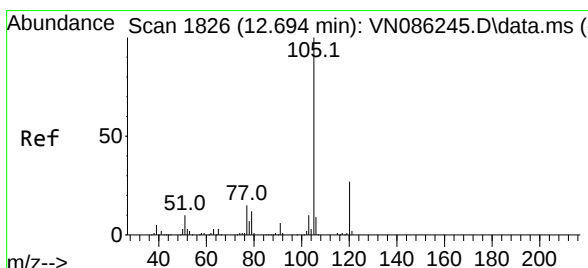
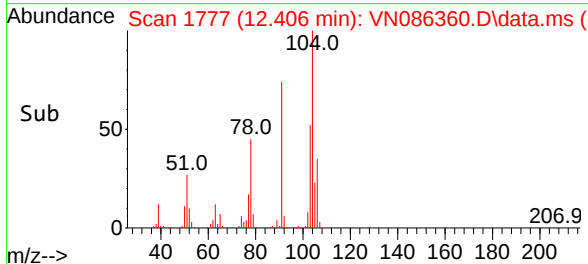
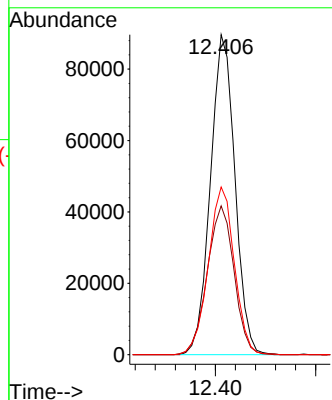
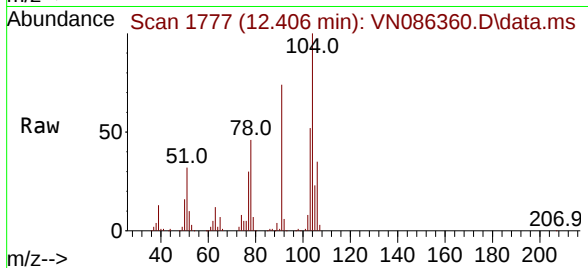
Tgt Ion:104 Resp: 152049

Ion Ratio Lower Upper

104 100

78 50.8 41.4 62.0

103 55.7 44.2 66.4



#70

Isopropylbenzene

Concen: 20.775 ug/l

RT: 12.688 min Scan# 1825

Delta R.T. -0.006 min

Lab File: VN086360.D

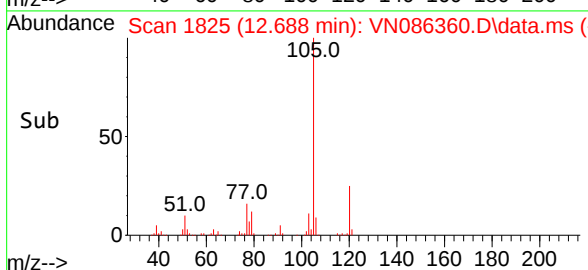
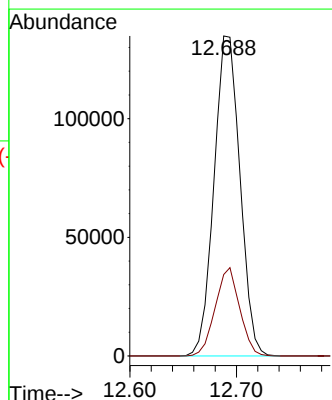
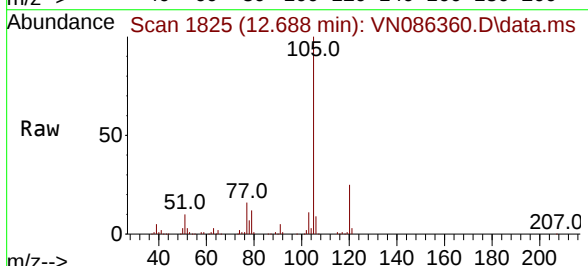
Acq: 21 Apr 2025 16:10

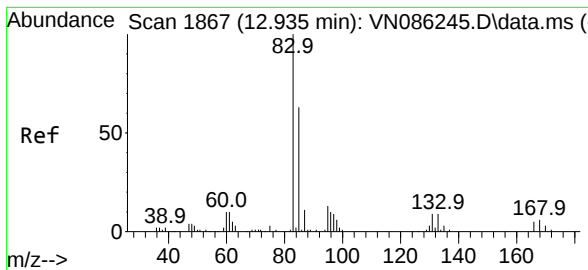
Tgt Ion:105 Resp: 228298

Ion Ratio Lower Upper

105 100

120 25.9 18.3 34.1

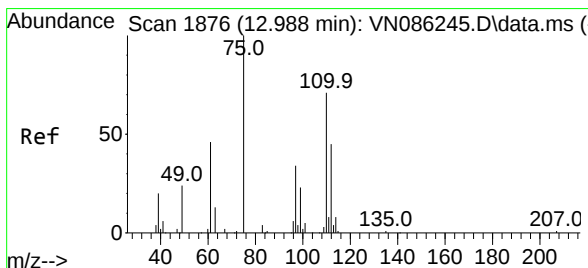
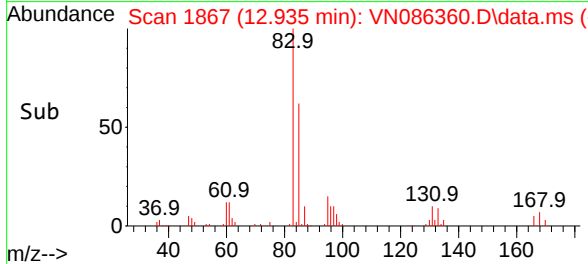
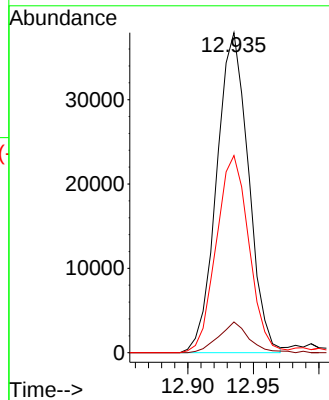
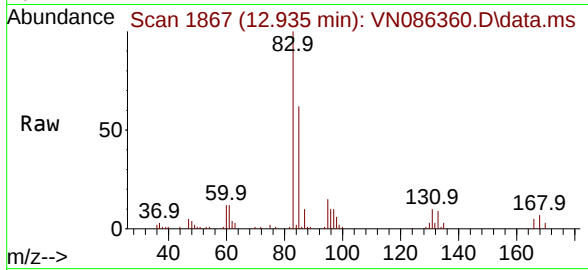




#71
1,1,2-Tetrachloroethane
Concen: 20.462 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

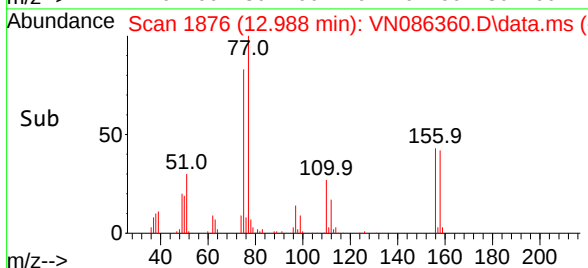
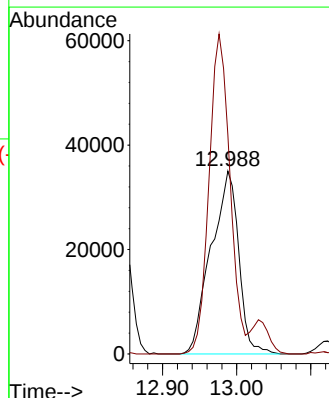
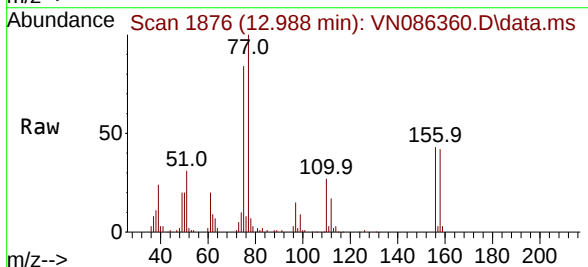
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

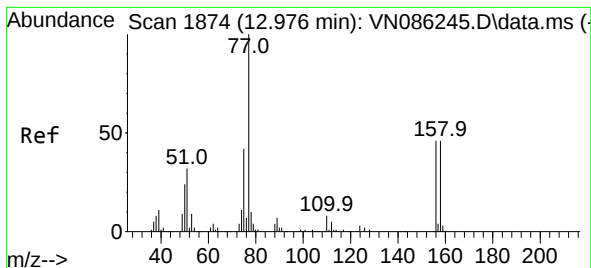
Tgt Ion: 83 Resp: 64003
Ion Ratio Lower Upper
83 100
131 9.0 4.8 14.3
85 63.2 32.3 96.8



#72
1,2,3-Trichloropropane
Concen: 27.825 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

Tgt Ion: 75 Resp: 90594
Ion Ratio Lower Upper
75 100
77 132.7 0.0 380.0





#73

Bromobenzene

Concen: 21.078 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN086360.D

Acq: 21 Apr 2025 16:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

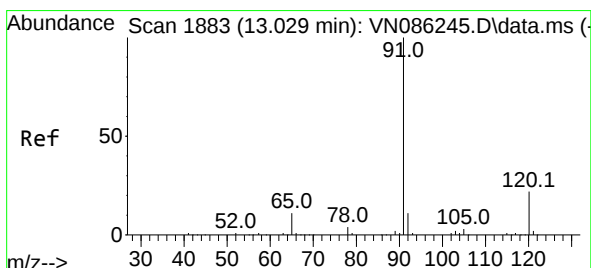
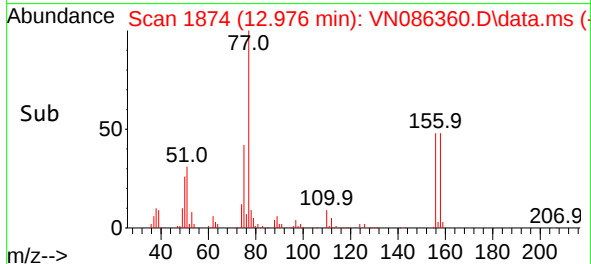
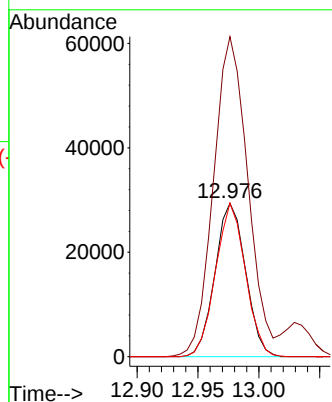
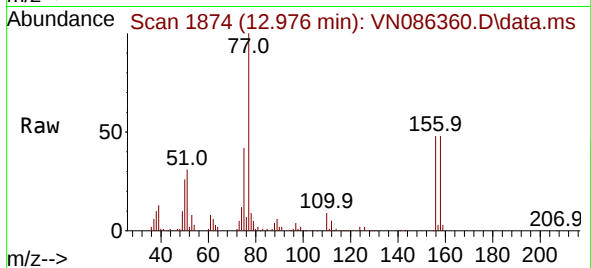
Tgt Ion:156 Resp: 51313

Ion Ratio Lower Upper

156 100

77 234.3 0.0 505.2

158 97.7 0.0 195.0



#74

n-propylbenzene

Concen: 20.724 ug/l

RT: 13.029 min Scan# 1883

Delta R.T. -0.000 min

Lab File: VN086360.D

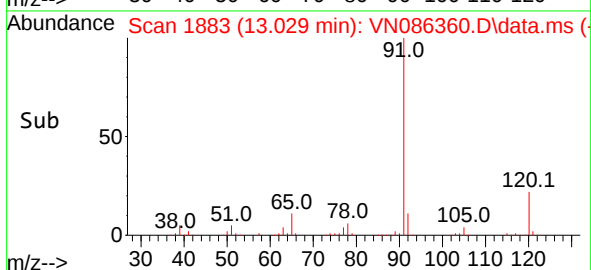
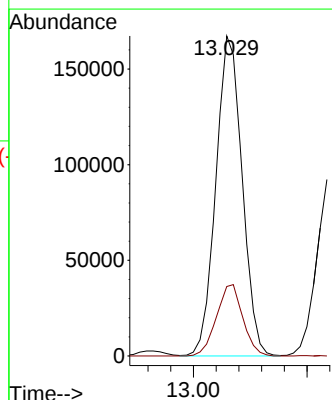
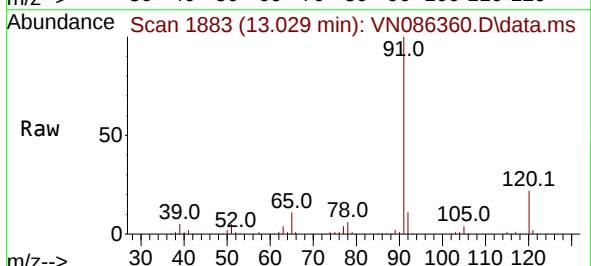
Acq: 21 Apr 2025 16:10

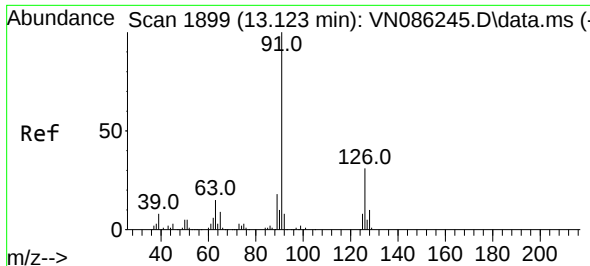
Tgt Ion: 91 Resp: 268911

Ion Ratio Lower Upper

91 100

120 22.3 0.0 44.0

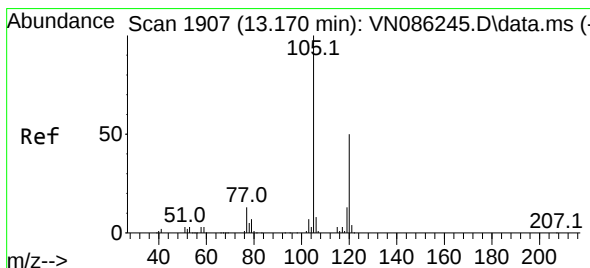
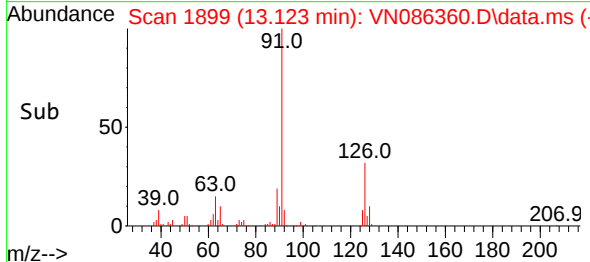
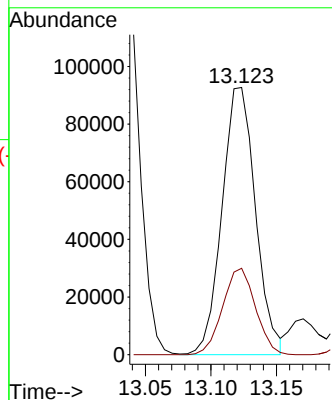
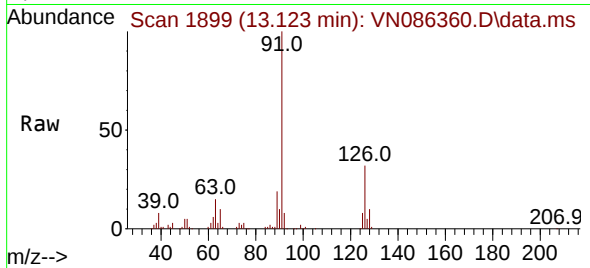




#75
2-Chlorotoluene
Concen: 20.212 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

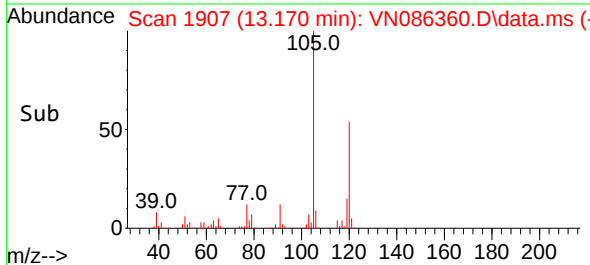
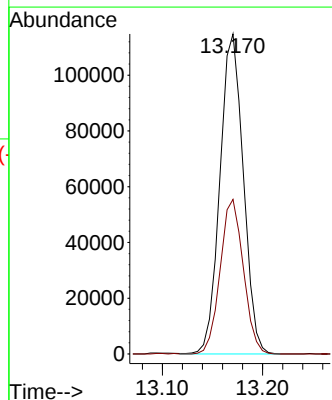
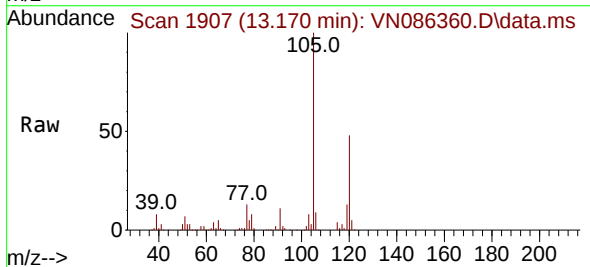
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

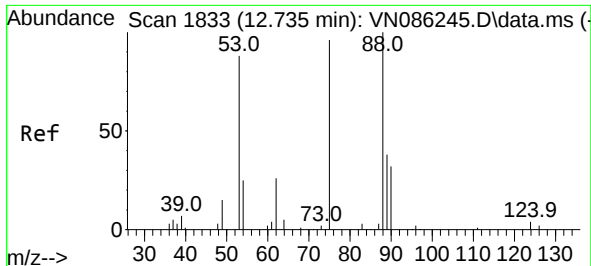
Tgt Ion: 91 Resp: 164848
Ion Ratio Lower Upper
91 100
126 31.6 0.0 63.4



#76
1,3,5-Trimethylbenzene
Concen: 20.599 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

Tgt Ion: 105 Resp: 185952
Ion Ratio Lower Upper
105 100
120 47.8 0.0 98.0

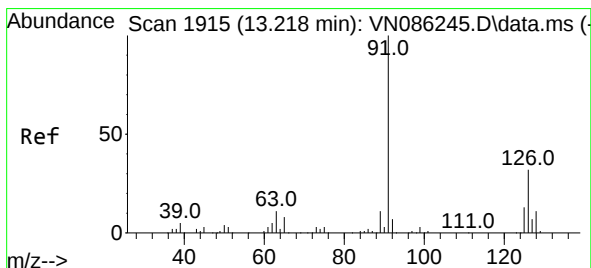
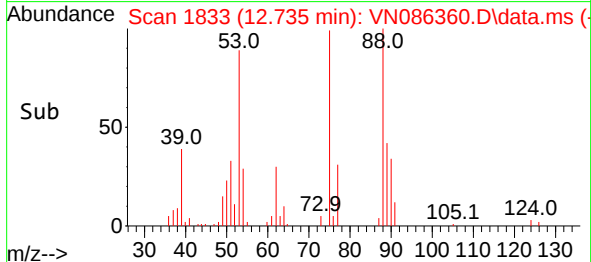
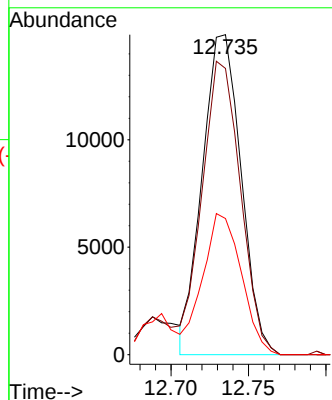
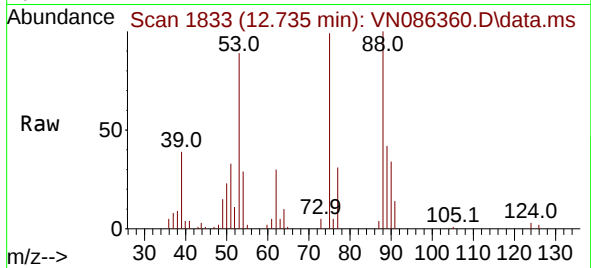




#77
t-1,4-Dichloro-2-butene
Concen: 17.264 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

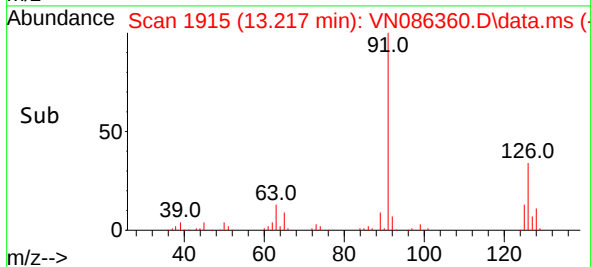
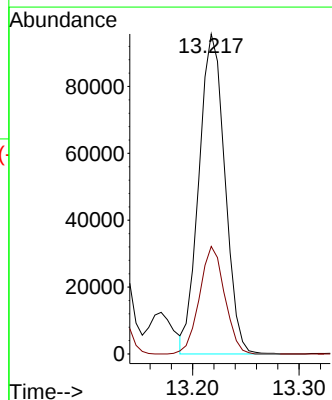
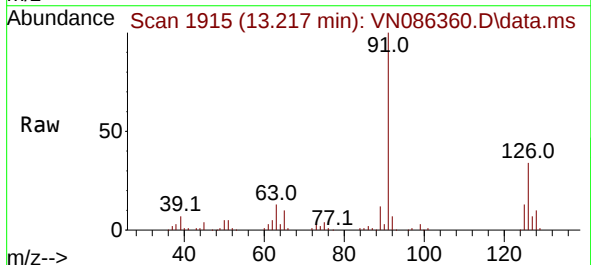
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

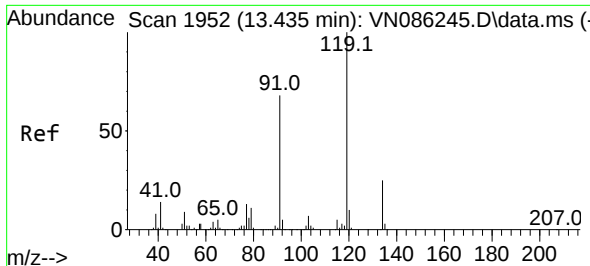
Tgt Ion: 75 Resp: 25918
Ion Ratio Lower Upper
75 100
53 89.4 46.4 139.2
89 42.5 22.5 67.5



#78
4-Chlorotoluene
Concen: 19.882 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

Tgt Ion: 91 Resp: 161949
Ion Ratio Lower Upper
91 100
126 32.5 0.0 63.2

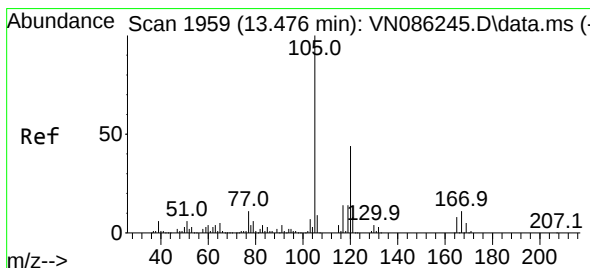
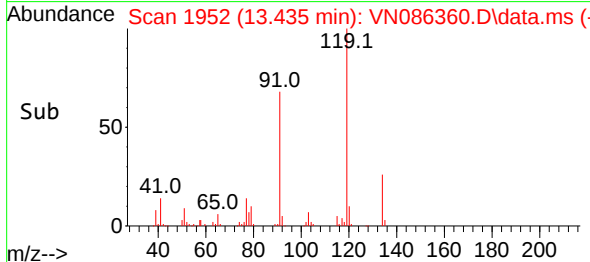
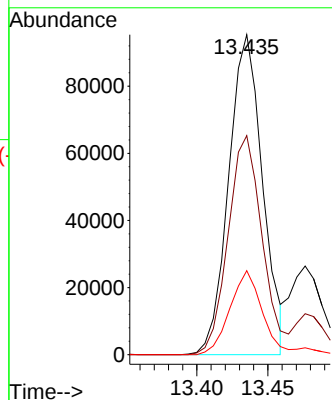
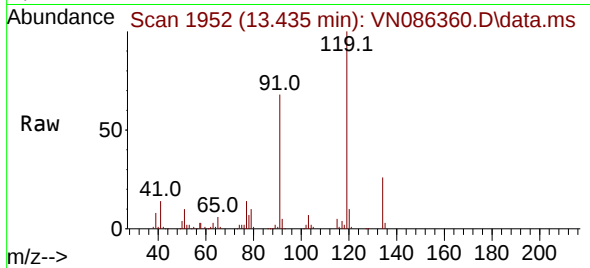




#79
tert-butylbenzene
Concen: 20.248 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

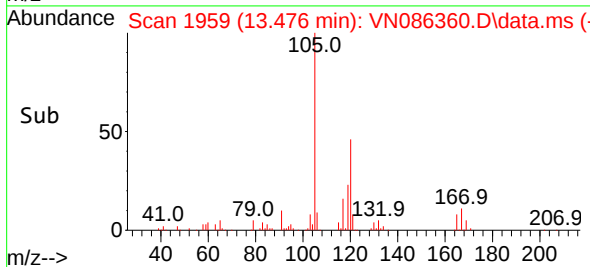
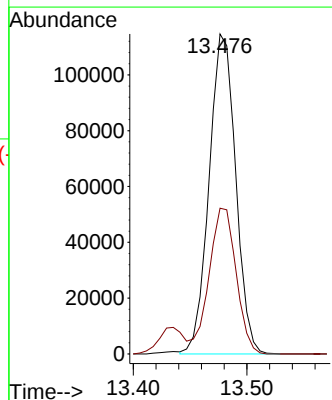
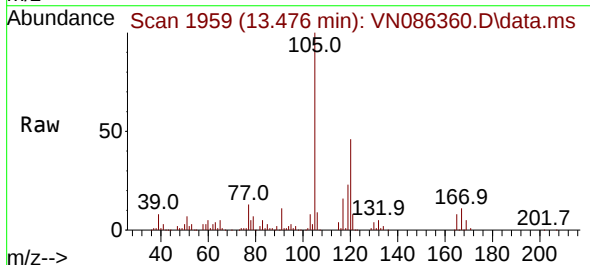
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

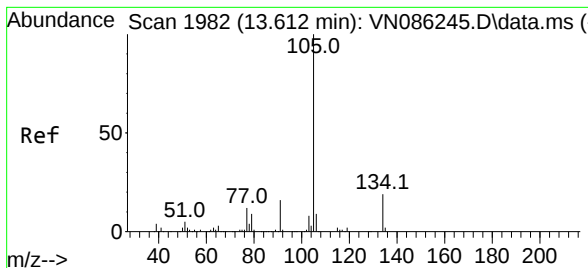
Tgt Ion:119 Resp: 158157
Ion Ratio Lower Upper
119 100
91 69.2 0.0 136.6
134 24.7 0.0 49.4



#80
1,2,4-Trimethylbenzene
Concen: 20.377 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

Tgt Ion:105 Resp: 186522
Ion Ratio Lower Upper
105 100
120 46.7 0.0 91.0





#81

sec-Butylbenzene

Concen: 21.086 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VN086360.D

Acq: 21 Apr 2025 16:10

Instrument :

MSVOA_N

ClientSampleId :

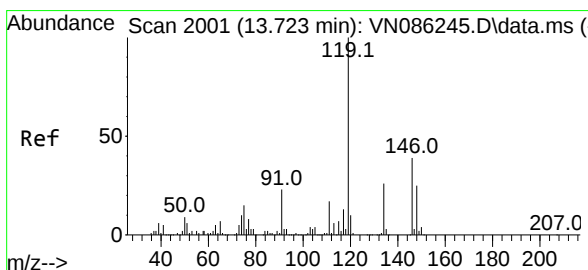
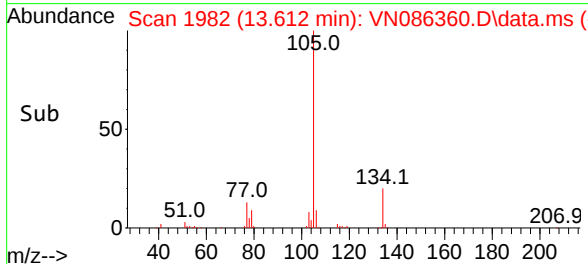
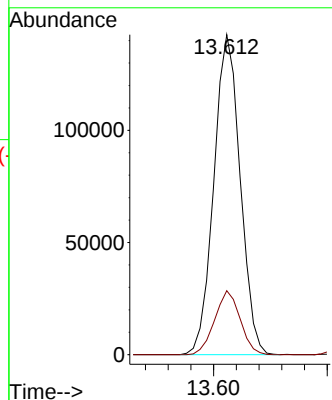
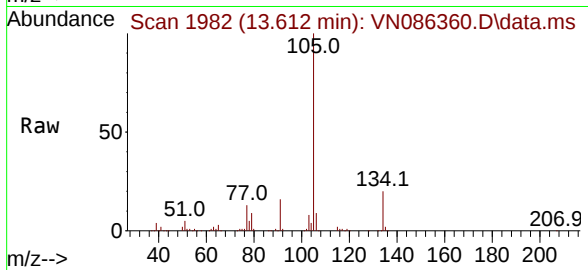
VSTDCCC020EC

Tgt Ion:105 Resp: 229744

Ion Ratio Lower Upper

105 100

134 19.3 0.0 38.6



#82

p-Isopropyltoluene

Concen: 20.612 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. -0.000 min

Lab File: VN086360.D

Acq: 21 Apr 2025 16:10

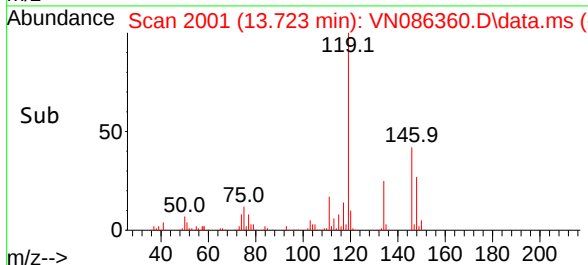
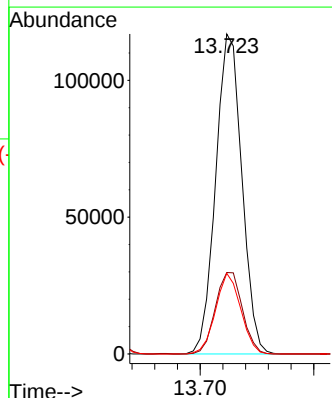
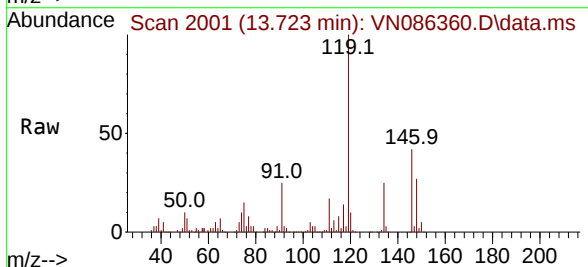
Tgt Ion:119 Resp: 187345

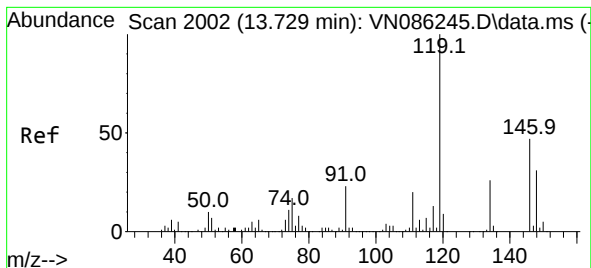
Ion Ratio Lower Upper

119 100

134 26.2 0.0 51.6

91 24.2 0.0 48.2





#83

1,3-Dichlorobenzene

Concen: 20.704 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN086360.D

Acq: 21 Apr 2025 16:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

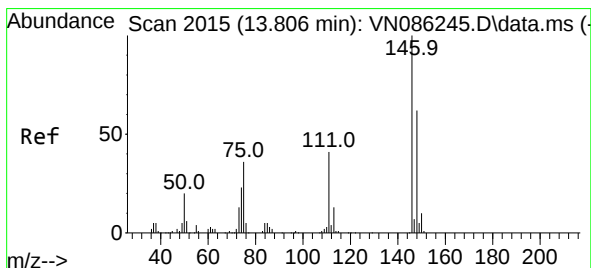
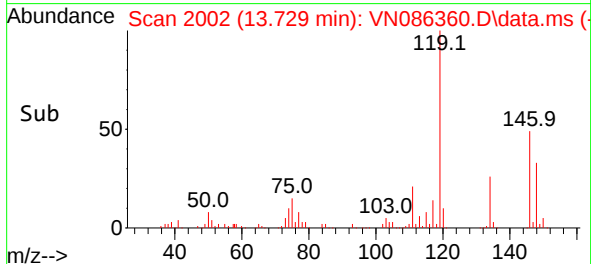
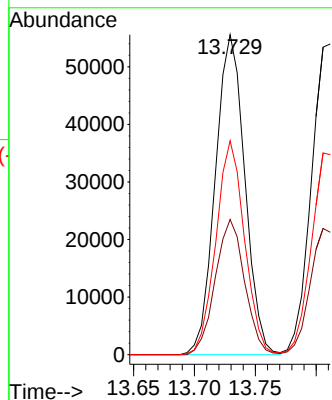
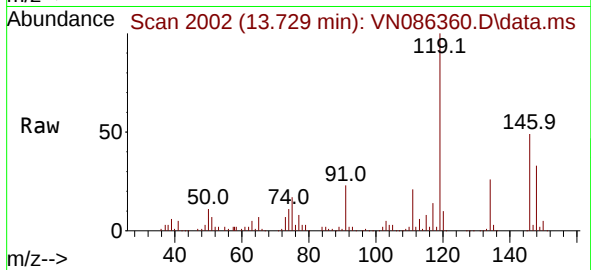
Tgt Ion:146 Resp: 93677

Ion Ratio Lower Upper

146 100

111 42.1 21.7 65.1

148 64.9 32.3 96.8



#84

1,4-Dichlorobenzene

Concen: 20.325 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.006 min

Lab File: VN086360.D

Acq: 21 Apr 2025 16:10

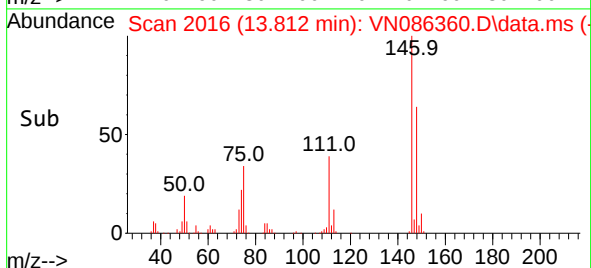
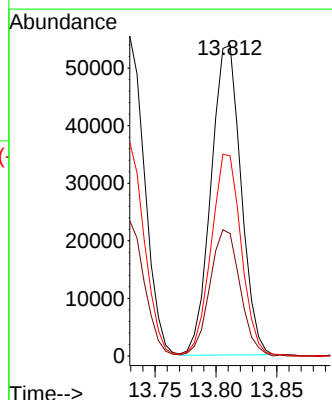
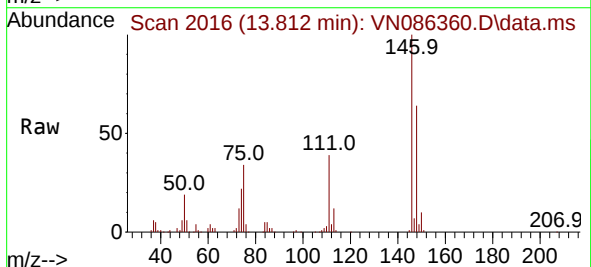
Tgt Ion:146 Resp: 92259

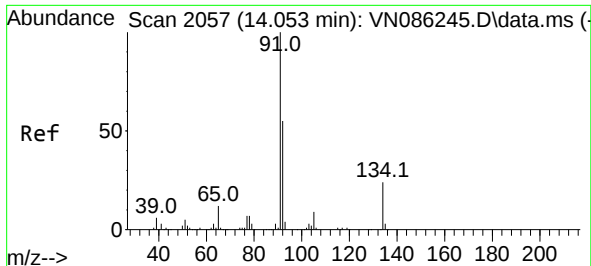
Ion Ratio Lower Upper

146 100

111 41.2 20.8 62.4

148 65.5 31.9 95.5

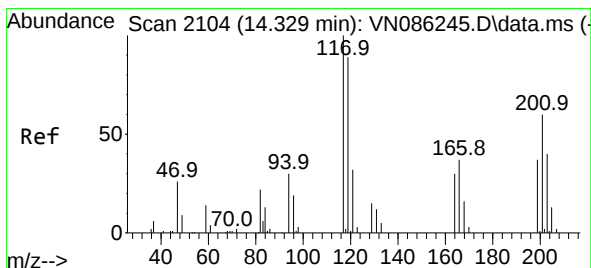
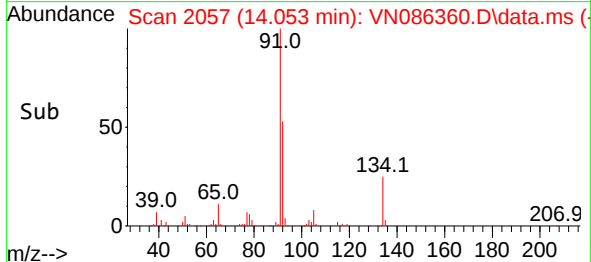
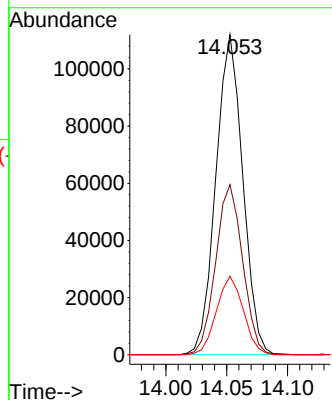
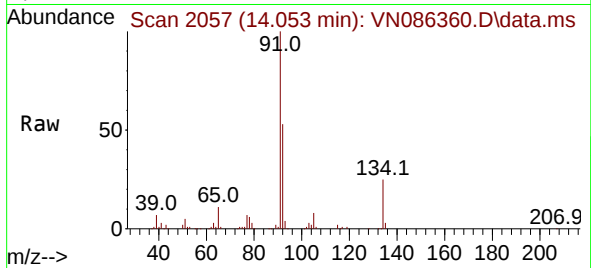




#85
n-Butylbenzene
Concen: 21.038 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

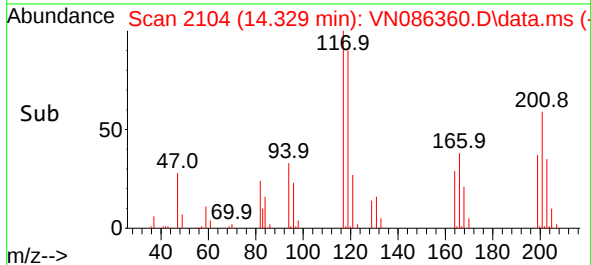
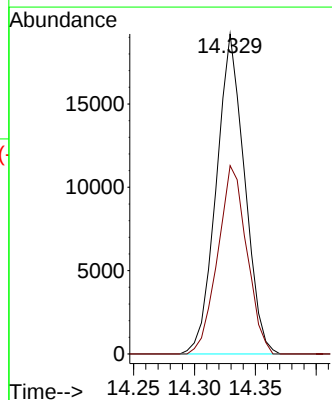
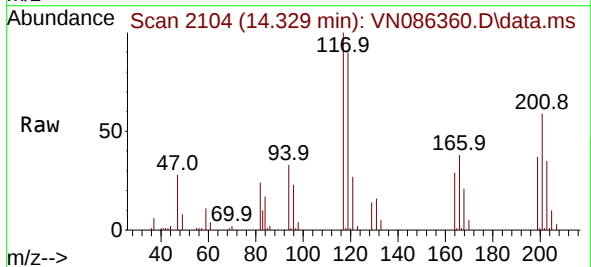
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

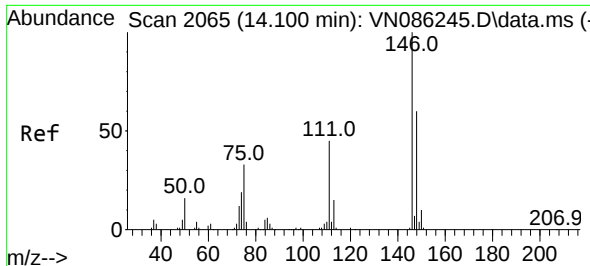
Tgt Ion: 91 Resp: 172501
Ion Ratio Lower Upper
91 100
92 53.1 0.0 109.4
134 24.4 0.0 48.2



#86
Hexachloroethane
Concen: 20.260 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

Tgt Ion: 117 Resp: 31064
Ion Ratio Lower Upper
117 100
201 60.5 30.9 92.8

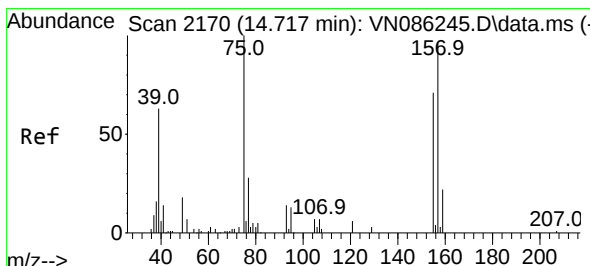
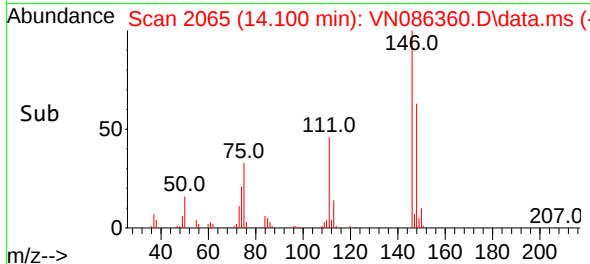
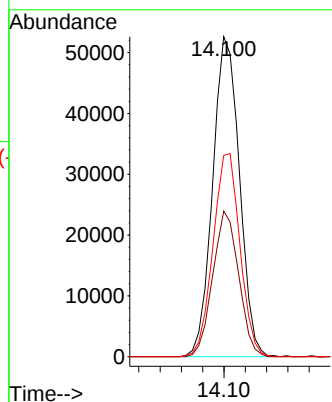
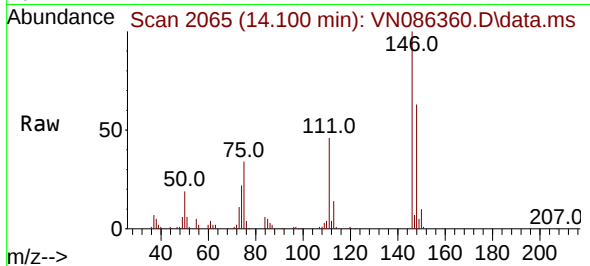




#87
1,2-Dichlorobenzene
Concen: 20.507 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

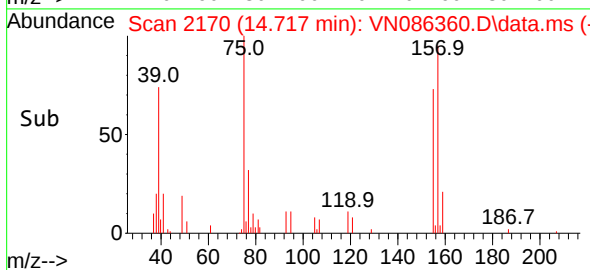
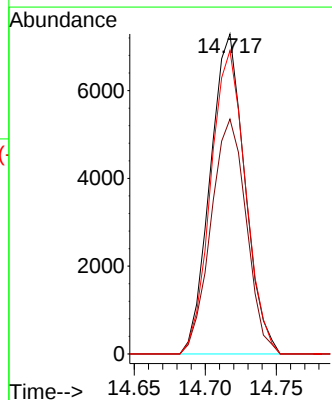
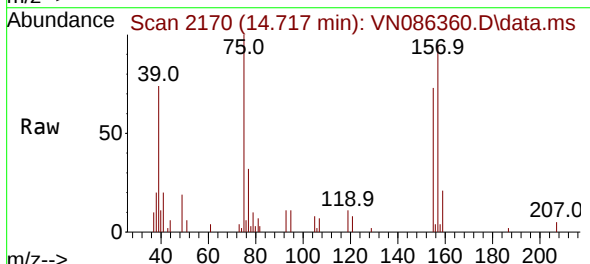
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

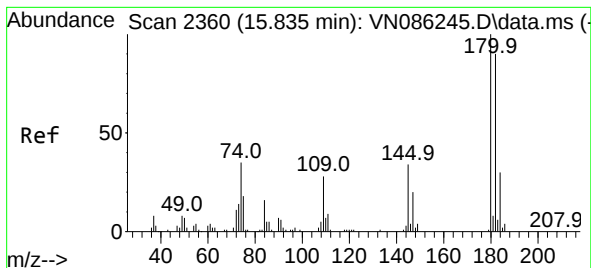
Tgt Ion:146 Resp: 91617
Ion Ratio Lower Upper
146 100
111 44.1 22.7 68.0
148 63.9 31.8 95.3



#88
1,2-Dibromo-3-Chloropropane
Concen: 17.346 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

Tgt Ion: 75 Resp: 12358
Ion Ratio Lower Upper
75 100
155 74.9 60.3 90.5
157 95.0 79.0 118.4





#89

1,2,4-Trichlorobenzene

Concen: 19.938 ug/l

RT: 15.835 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN086360.D

Acq: 21 Apr 2025 16:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

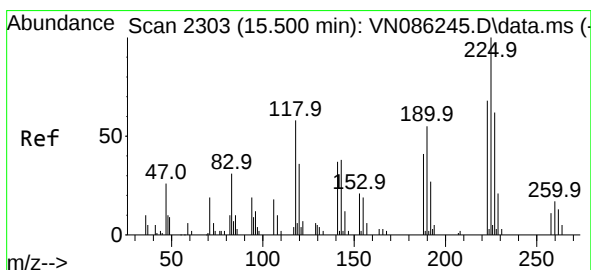
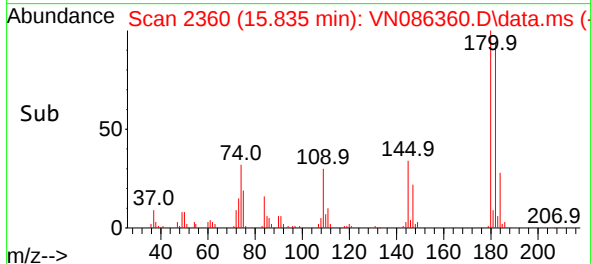
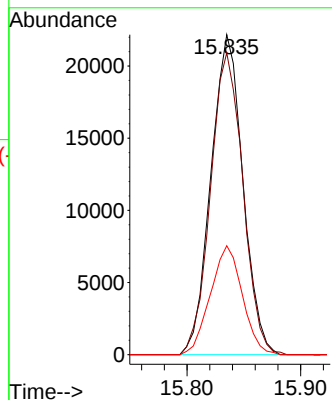
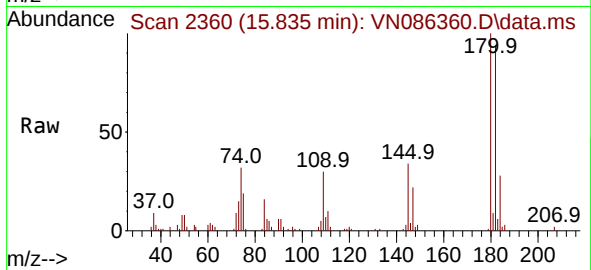
Tgt Ion:180 Resp: 43340

Ion Ratio Lower Upper

180 100

182 95.3 75.1 112.7

145 34.1 27.1 40.7



#90

Hexachlorobutadiene

Concen: 19.335 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.006 min

Lab File: VN086360.D

Acq: 21 Apr 2025 16:10

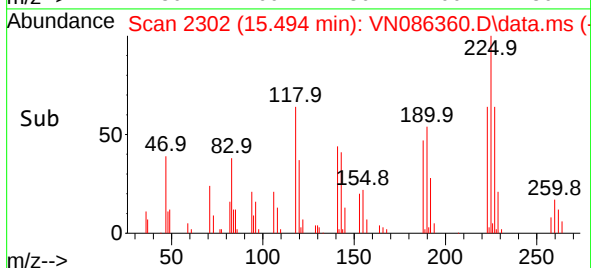
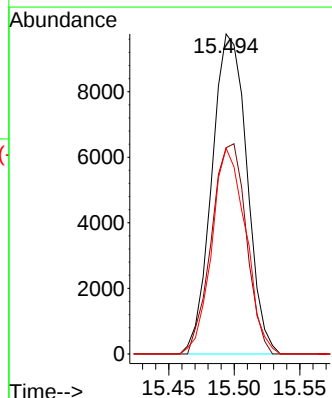
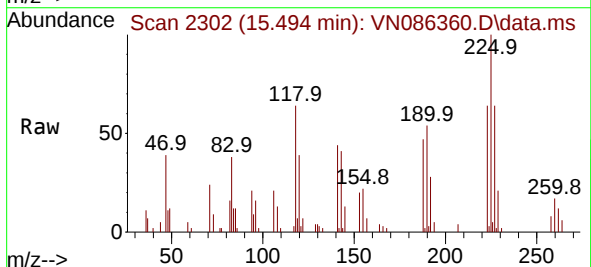
Tgt Ion:225 Resp: 18147

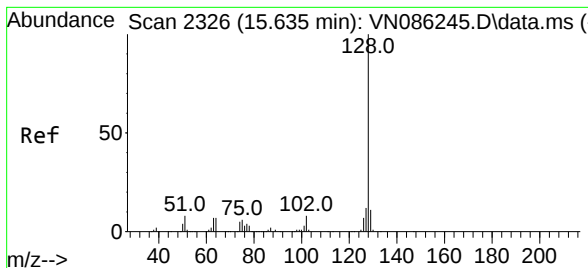
Ion Ratio Lower Upper

225 100

223 65.0 0.0 130.0

227 62.2 0.0 123.2

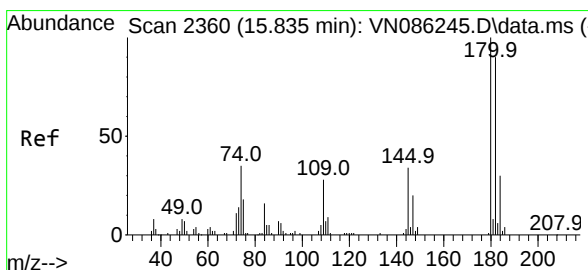
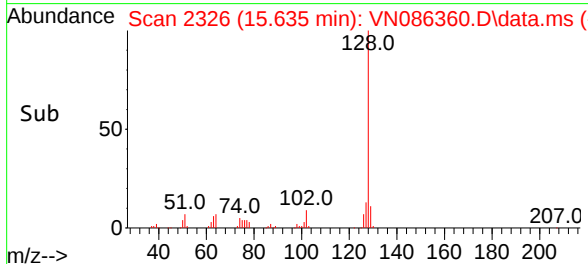
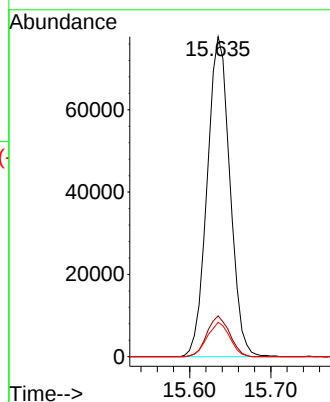
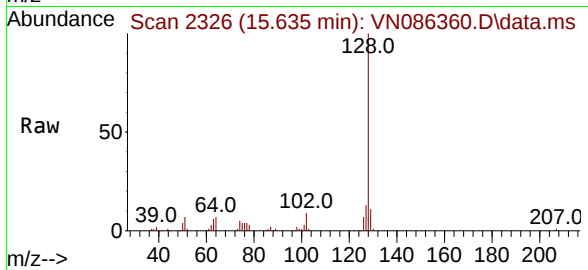




#91
Naphthalene
Concen: 17.675 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:128 Resp: 151480
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.7 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 19.938 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086360.D
Acq: 21 Apr 2025 16:10

Tgt Ion:180 Resp: 43340
Ion Ratio Lower Upper
180 100
182 95.3 0.0 187.8
145 34.1 0.0 67.8

