

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022125\
 Data File : VN085802.D
 Acq On : 21 Feb 2025 14:43
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 22 02:33:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	267971	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	427963	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	396190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	205820	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	186705	53.741	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.480%	
35) Dibromofluoromethane	8.159	113	159454	56.940	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 113.880%	
50) Toluene-d8	10.565	98	597021	58.597	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 117.200%#	
62) 4-Bromofluorobenzene	12.847	95	203507	60.623	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 121.240%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	172654	47.368	ug/l	98
3) Chloromethane	2.359	50	165234	45.176	ug/l	98
4) Vinyl Chloride	2.512	62	177799	45.912	ug/l	100
5) Bromomethane	2.954	94	109782	44.335	ug/l	94
6) Chloroethane	3.118	64	115236	44.924	ug/l	95
7) Trichlorofluoromethane	3.501	101	261456	46.631	ug/l	99
8) Diethyl Ether	3.954	74	85588	47.178	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.365	101	158697	48.965	ug/l	97
10) Methyl Iodide	4.589	142	190034	47.567	ug/l	97
11) Tert butyl alcohol	5.512	59	107978	252.701	ug/l	99
12) 1,1-Dichloroethene	4.342	96	138503	47.131	ug/l	97
13) Acrolein	4.171	56	192633	304.004	ug/l	97
14) Allyl chloride	5.024	41	175948	45.603	ug/l	94
15) Acrylonitrile	5.706	53	351259	252.867	ug/l	99
16) Acetone	4.418	43	266548	242.474	ug/l	95
17) Carbon Disulfide	4.712	76	382893	43.963	ug/l	98
18) Methyl Acetate	5.018	43	180680	47.786	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	439914	50.377	ug/l	100
20) Methylene Chloride	5.271	84	167319	47.330	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	149487	47.242	ug/l	97
22) Diisopropyl ether	6.665	45	454174	52.095	ug/l	97
23) Vinyl Acetate	6.600	43	1489624	249.547	ug/l	99
24) 1,1-Dichloroethane	6.565	63	285492	48.172	ug/l	98
25) 2-Butanone	7.477	43	408748	252.743	ug/l	98
26) 2,2-Dichloropropane	7.483	77	234255	44.451	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	178832	48.742	ug/l	99
28) Bromochloromethane	7.806	49	137276	56.357	ug/l	98
29) Tetrahydrofuran	7.830	42	282844	270.837	ug/l	98
30) Chloroform	7.965	83	303747	49.044	ug/l	98
31) Cyclohexane	8.253	56	213240	42.973	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	265052	48.115	ug/l	98
36) 1,1-Dichloropropene	8.365	75	205343	51.811	ug/l	100
37) Ethyl Acetate	7.553	43	168771	51.745	ug/l	99
38) Carbon Tetrachloride	8.359	117	236139	50.144	ug/l	99
39) Methylcyclohexane	9.600	83	192160	49.353	ug/l	96
40) Benzene	8.600	78	652933	51.401	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	93474	53.611	ug/l	97
42) 1,2-Dichloroethane	8.665	62	213112	51.506	ug/l	100
43) Isopropyl Acetate	8.683	43	274170	47.875	ug/l	97
44) Trichloroethene	9.347	130	150036	48.106	ug/l	99
45) 1,2-Dichloropropane	9.618	63	160531	52.355	ug/l	99
46) Dibromomethane	9.706	93	112878	52.191	ug/l	99
47) Bromodichloromethane	9.883	83	236831	51.183	ug/l	98
48) Methyl methacrylate	9.677	41	129683	53.539	ug/l	97
49) 1,4-Dioxane	9.688	88	54107	1174.663	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	891792	283.595	ug/l	99
52) Toluene	10.624	92	410222	55.092	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	223961	52.343	ug/l	100
54) cis-1,3-Dichloropropene	10.306	75	247088	52.663	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	156900	52.997	ug/l	98
56) Ethyl methacrylate	10.871	69	215183	50.491	ug/l	99
57) 1,3-Dichloropropane	11.159	76	264256	53.470	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.153	63	535674	301.782	ug/l	99
59) 2-Hexanone	11.188	43	635767	293.887	ug/l	100
60) Dibromochloromethane	11.353	129	187317	54.336	ug/l	99
61) 1,2-Dibromoethane	11.465	107	149395	53.408	ug/l	99
64) Tetrachloroethene	11.100	164	146393	47.696	ug/l	98
65) Chlorobenzene	11.888	112	432697	47.674	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.953	131	161700	49.567	ug/l	99
67) Ethyl Benzene	11.959	91	745749	52.454	ug/l	99
68) m/p-Xylenes	12.065	106	597619	110.662	ug/l	99
69) o-Xylene	12.394	106	273073	53.212	ug/l	98
70) Styrene	12.406	104	487215	50.919	ug/l	100
71) Bromoform	12.576	173	125316	51.697	ug/l #	98
73) Isopropylbenzene	12.694	105	687117	48.729	ug/l	100
74) N-amyl acetate	12.488	43	238852	48.035	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	218392	45.009	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	279531	61.140	ug/l	58
77) Bromobenzene	12.976	156	181128	47.546	ug/l	99
78) n-propylbenzene	13.029	91	839429	51.982	ug/l	100
79) 2-Chlorotoluene	13.123	91	516214	47.844	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	605400	52.706	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.729	75	82419	52.599	ug/l	96
82) 4-Chlorotoluene	13.218	91	534375	49.959	ug/l	99
83) tert-Butylbenzene	13.435	119	484979	50.210	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	622967	54.819	ug/l	100
85) sec-Butylbenzene	13.612	105	690644	50.607	ug/l	99
86) p-Isopropyltoluene	13.723	119	582438	46.852	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	339898	47.622	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	332737	45.485	ug/l	100
89) n-Butylbenzene	14.053	91	474150	48.935	ug/l	97
90) Hexachloroethane	14.329	117	115608	44.730	ug/l	98
91) 1,2-Dichlorobenzene	14.100	146	332338	48.422	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	37518	42.108	ug/l	100
93) 1,2,4-Trichlorobenzene	15.388	180	150178	45.920	ug/l	99
94) Hexachlorobutadiene	15.494	225	79544	40.020	ug/l	99
95) Naphthalene	15.635	128	419261	46.695	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	144709	44.074	ug/l	98

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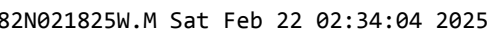
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MSVOA_N
ClientSampleId :
VSTDCCC050

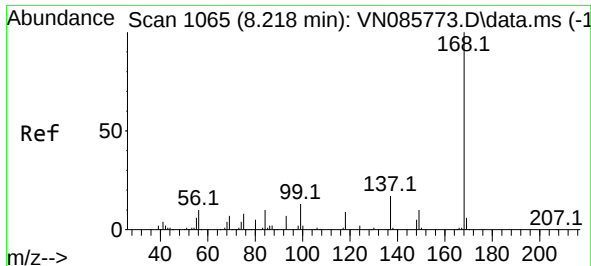
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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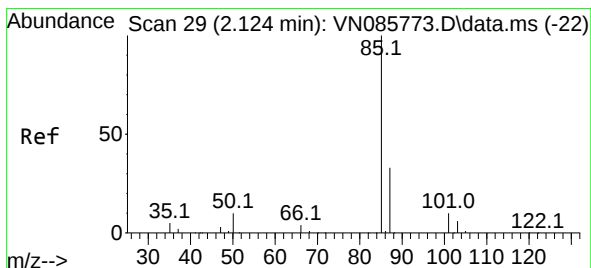
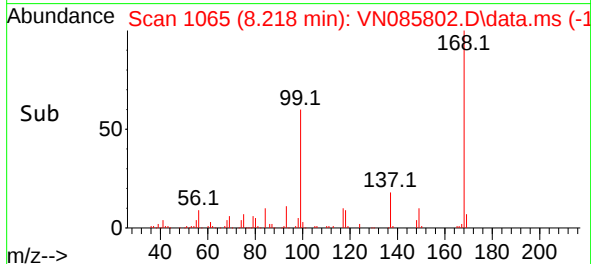
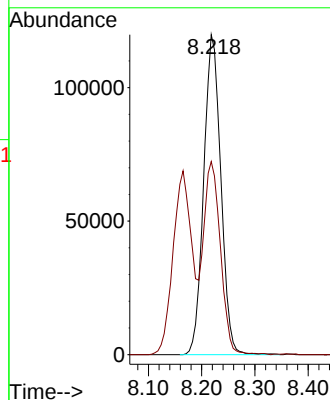
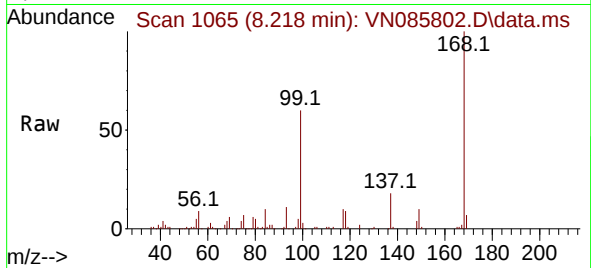




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085802.D
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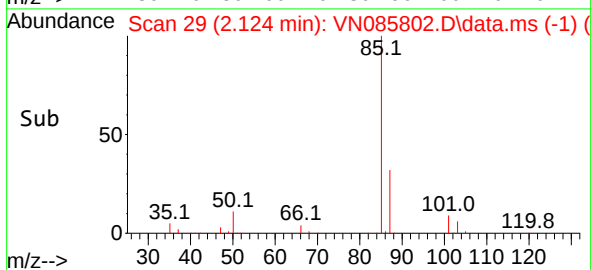
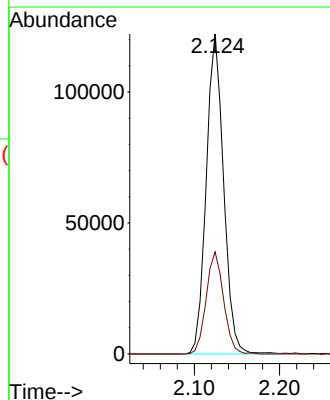
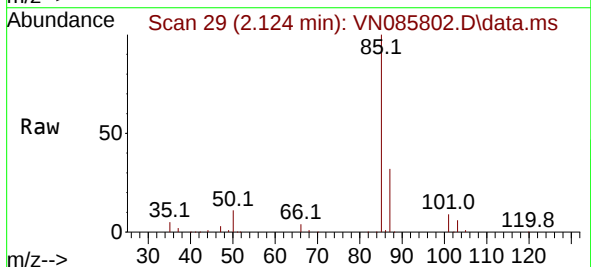
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ClientSampleId :
VSTDCCC050

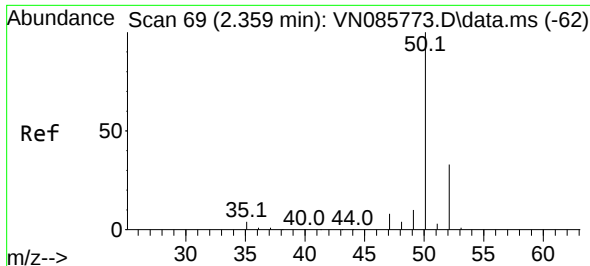
Tgt Ion:168 Resp: 267971
Ion Ratio Lower Upper
168 100
99 60.2 47.9 71.9



#2
Dichlorodifluoromethane
Concen: 47.368 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

Tgt Ion: 85 Resp: 172654
Ion Ratio Lower Upper
85 100
87 31.9 16.4 49.2

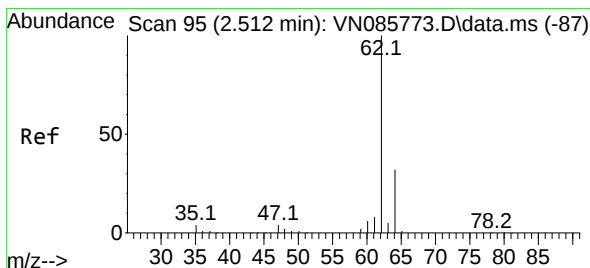
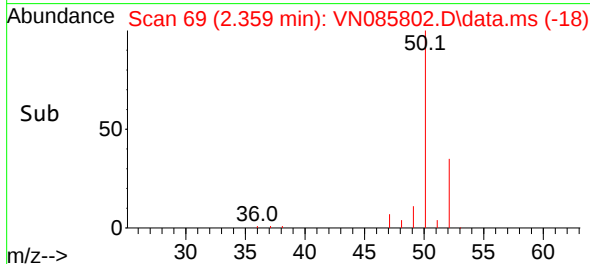
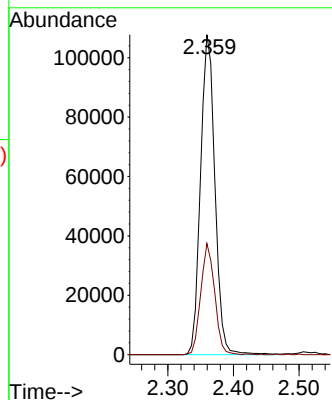
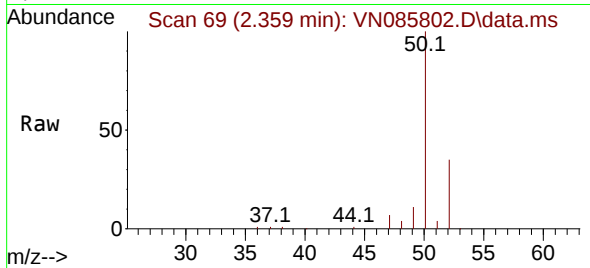




#3
Chloromethane
Concen: 45.176 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

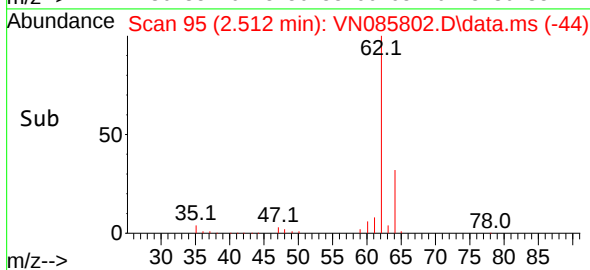
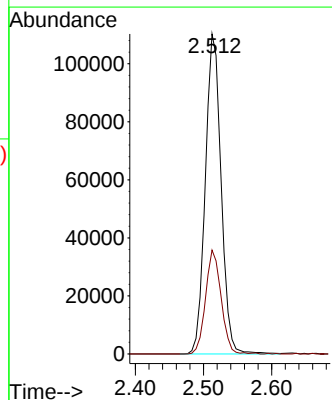
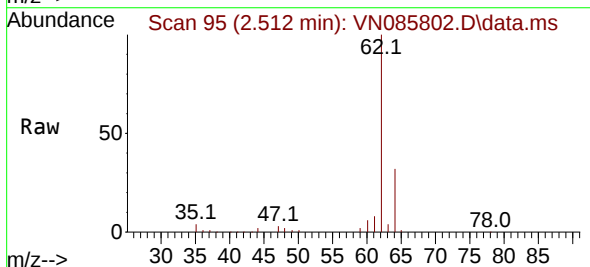
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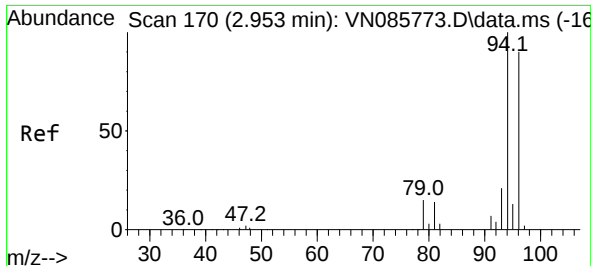
Tgt Ion: 50 Resp: 165234
Ion Ratio Lower Upper
50 100
52 34.8 26.7 40.1



#4
Vinyl Chloride
Concen: 45.912 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

Tgt Ion: 62 Resp: 177799
Ion Ratio Lower Upper
62 100
64 32.4 25.9 38.9

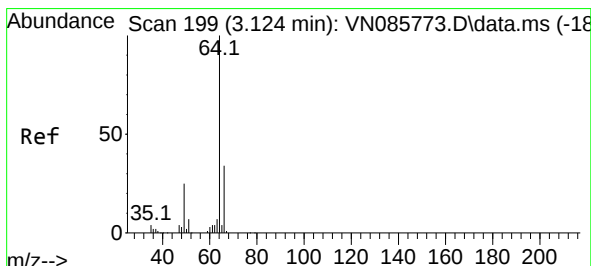
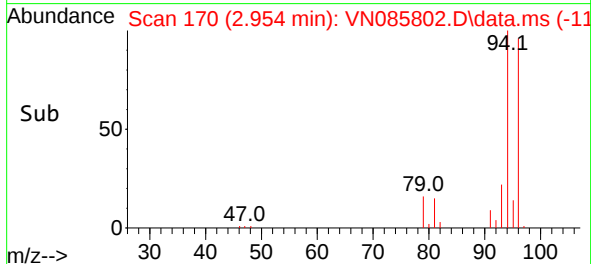
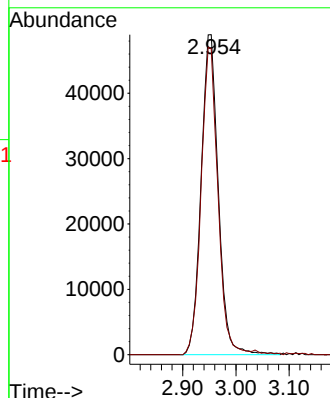
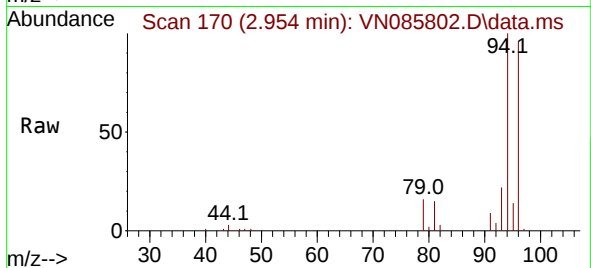




#5
Bromomethane
Concen: 44.335 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

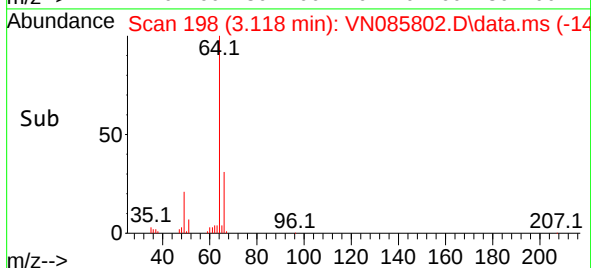
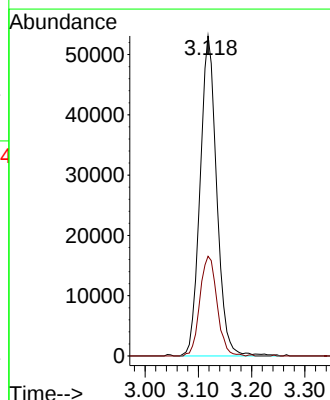
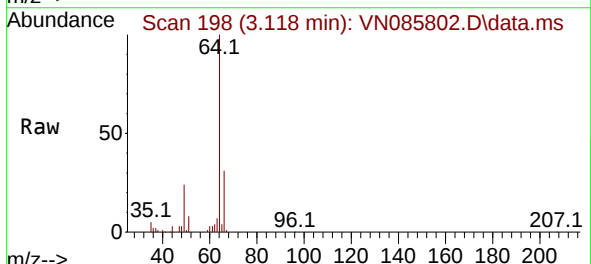
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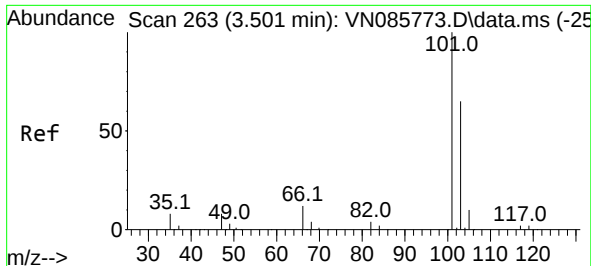
Tgt Ion: 94 Resp: 109782
Ion Ratio Lower Upper
94 100
96 95.6 71.7 107.5



#6
Chloroethane
Concen: 44.924 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

Tgt Ion: 64 Resp: 115236
Ion Ratio Lower Upper
64 100
66 31.1 27.0 40.6

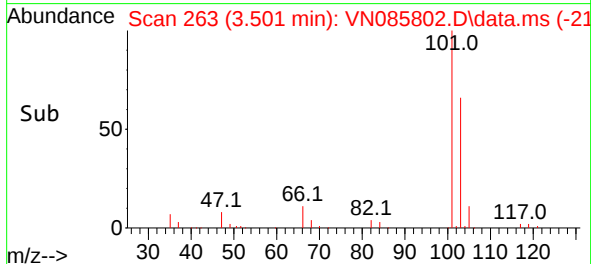
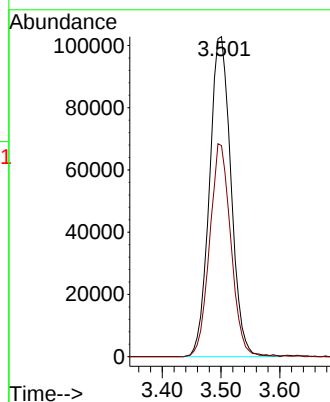
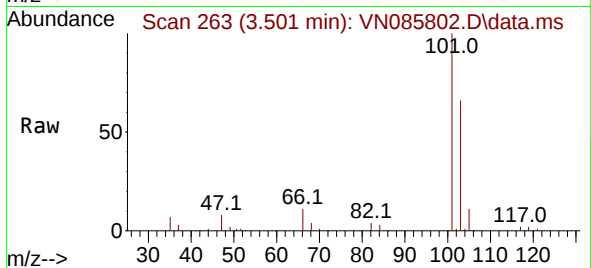




#7
 Trichlorofluoromethane
 Concen: 46.631 ug/l
 RT: 3.501 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN085802.D
 Acq: 21 Feb 2025 14:43

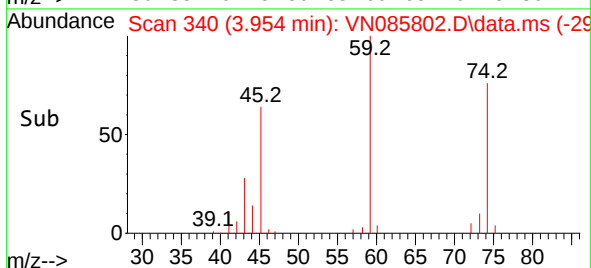
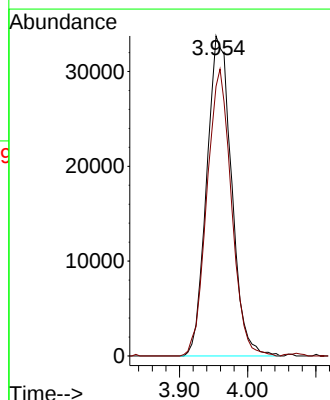
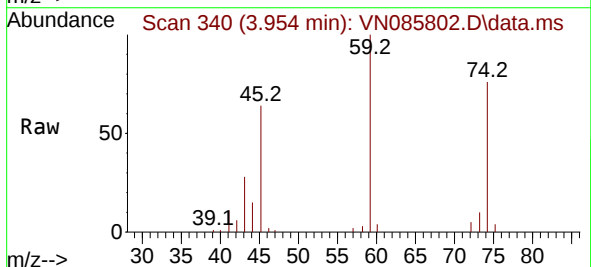
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 261456
 Ion Ratio Lower Upper
 101 100
 103 66.0 52.2 78.4



#8
 Diethyl Ether
 Concen: 47.178 ug/l
 RT: 3.954 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VN085802.D
 Acq: 21 Feb 2025 14:43

Tgt Ion: 74 Resp: 85588
 Ion Ratio Lower Upper
 74 100
 45 88.5 42.5 127.6

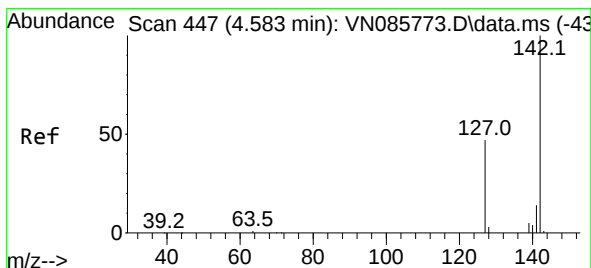
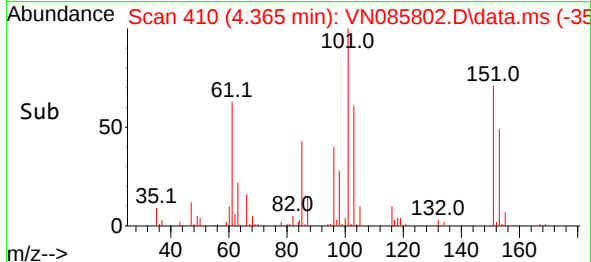
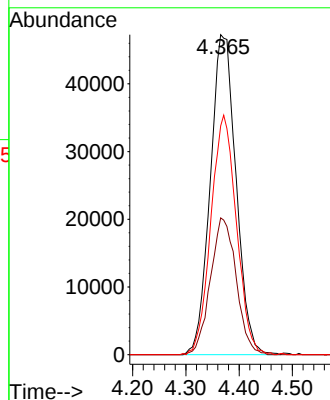
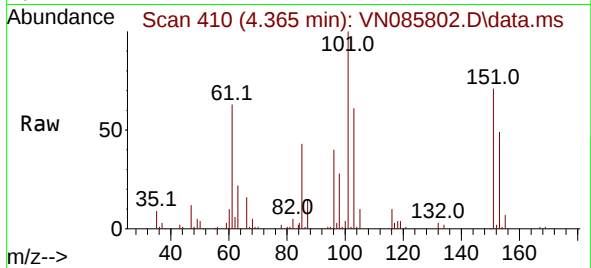




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.965 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN085802.D
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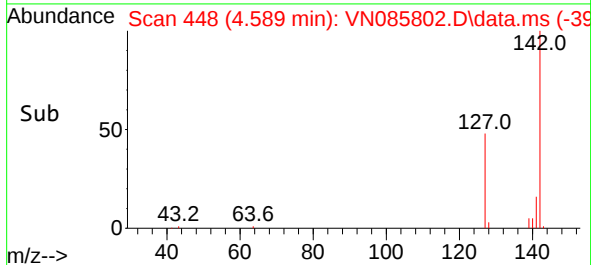
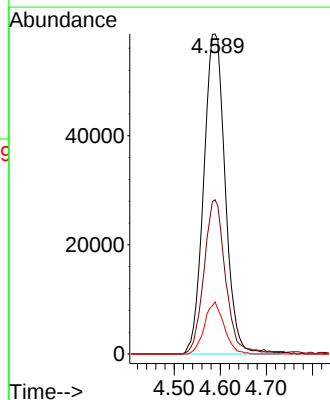
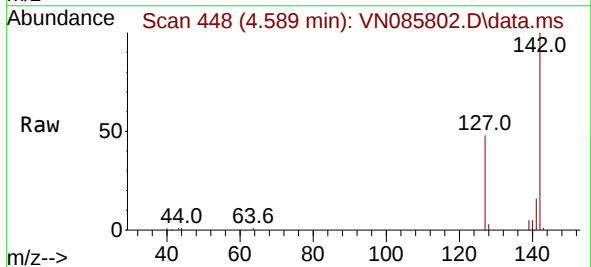
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

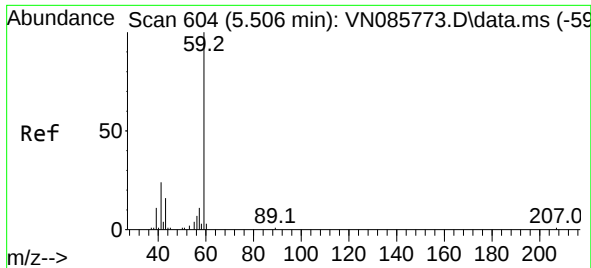
Tgt Ion:101 Resp: 158697
Ion Ratio Lower Upper
101 100
85 42.7 35.7 53.5
151 74.2 61.4 92.2



#10
Methyl Iodide
Concen: 47.567 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

Tgt Ion:142 Resp: 190034
Ion Ratio Lower Upper
142 100
127 48.2 37.6 56.4
141 16.3 11.4 17.2

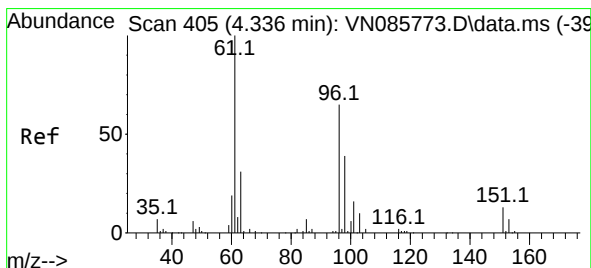
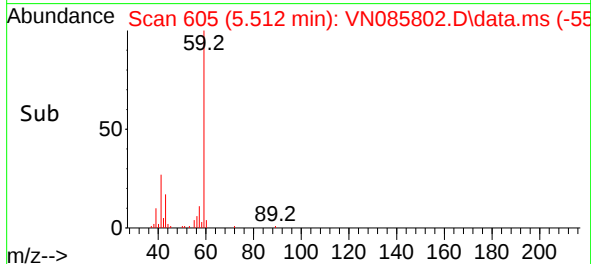
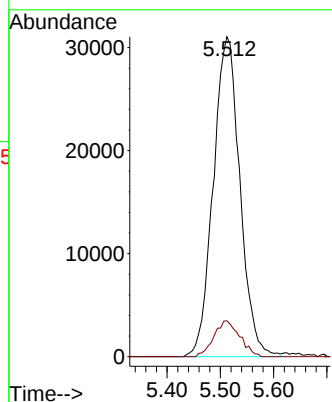
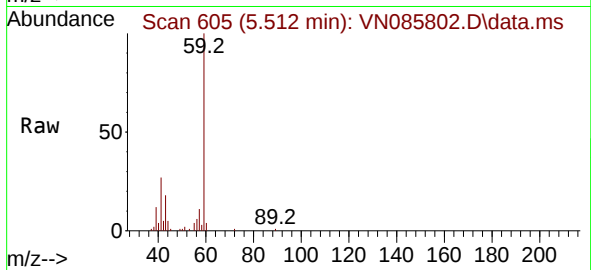




#11
Tert butyl alcohol
Concen: 252.701 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

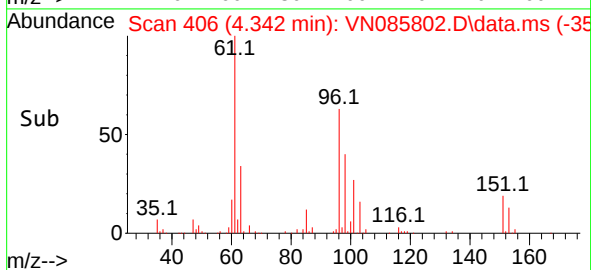
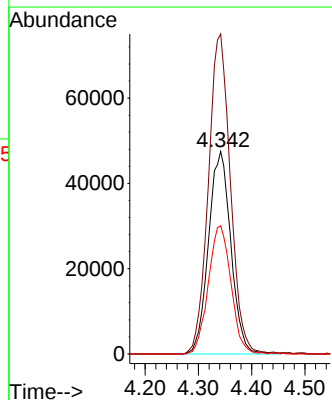
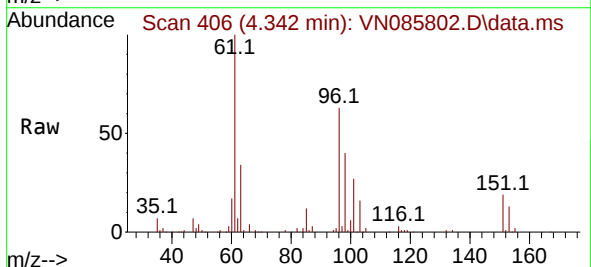
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 107978
Ion Ratio Lower Upper
59 100
57 10.9 8.3 12.5



#12
1,1-Dichloroethene
Concen: 47.131 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

Tgt Ion: 96 Resp: 138503
Ion Ratio Lower Upper
96 100
61 158.0 123.3 184.9
98 63.3 48.6 72.8

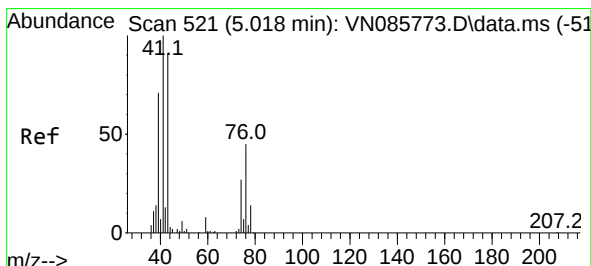
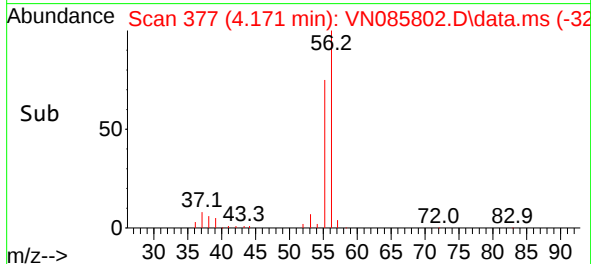
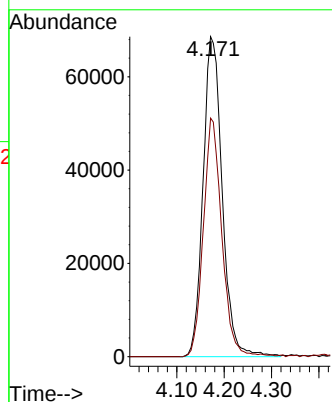
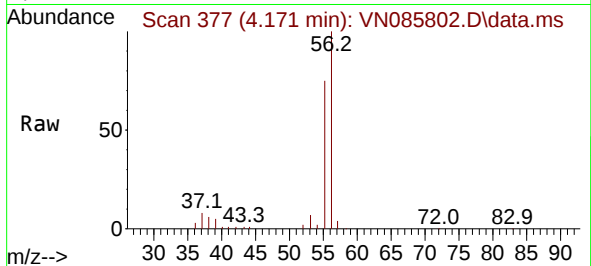




#13
Acrolein
Concen: 304.004 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

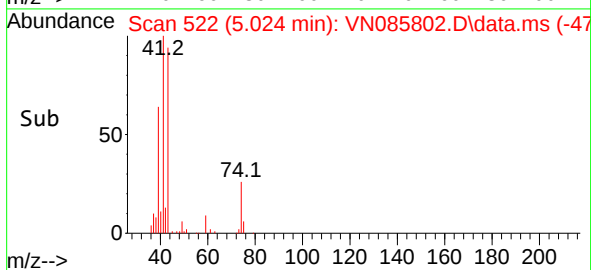
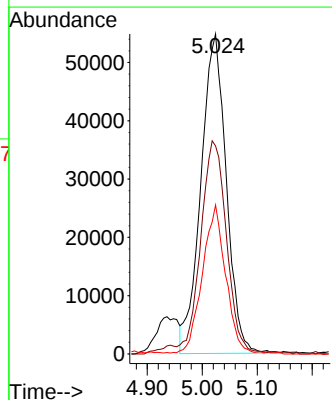
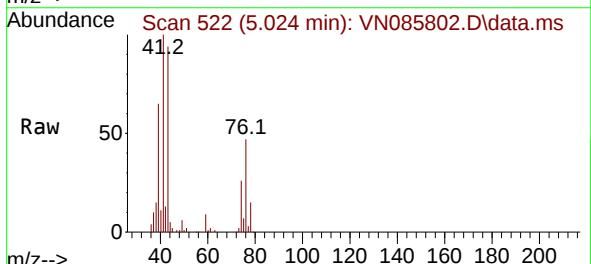
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 192633
Ion Ratio Lower Upper
56 100
55 71.9 55.3 82.9



#14
Allyl chloride
Concen: 45.603 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

Tgt Ion: 41 Resp: 175948
Ion Ratio Lower Upper
41 100
39 66.8 57.4 86.2
76 42.0 36.2 54.2

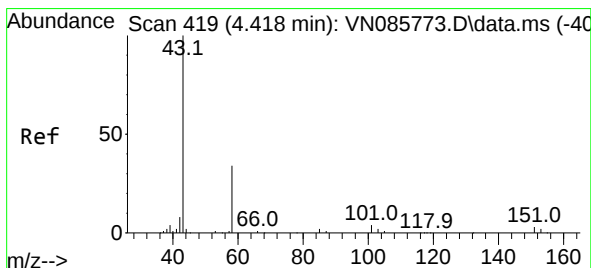
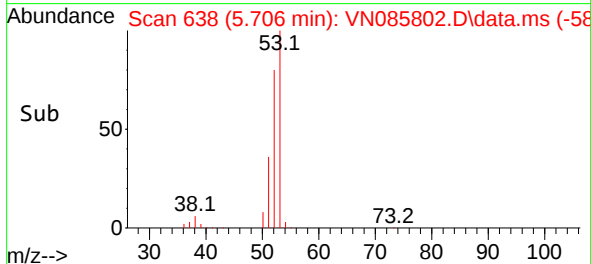
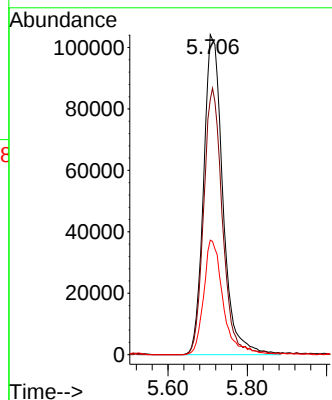
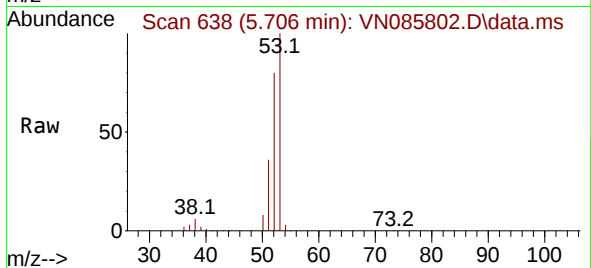




#15
Acrylonitrile
Concen: 252.867 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

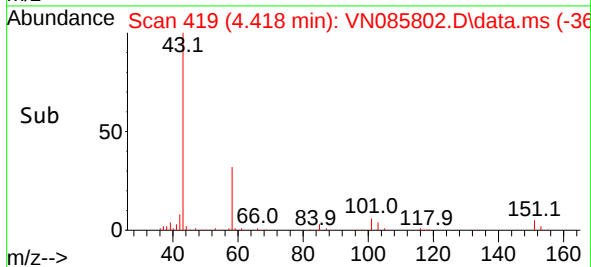
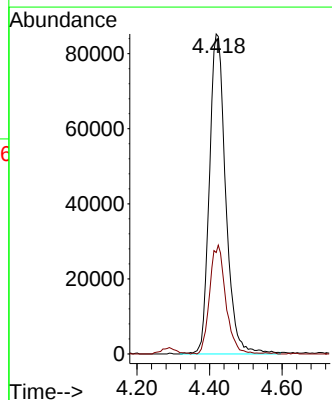
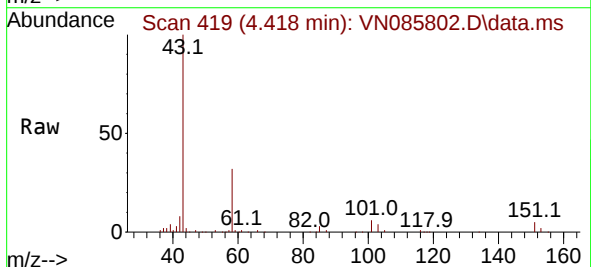
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

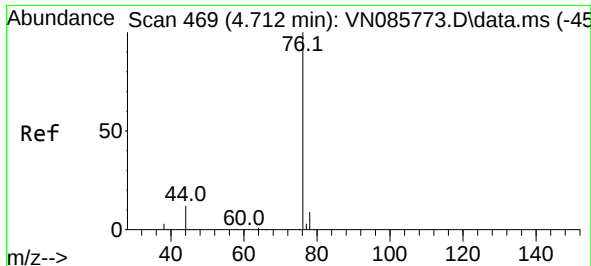
Tgt Ion:	53	Resp:	351259
Ion	Ratio	Lower	Upper
53	100		
52	80.8	65.8	98.6
51	36.3	28.6	42.8



#16
Acetone
Concen: 242.474 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

Tgt Ion:	43	Resp:	266548
Ion	Ratio	Lower	Upper
43	100		
58	31.7	27.5	41.3

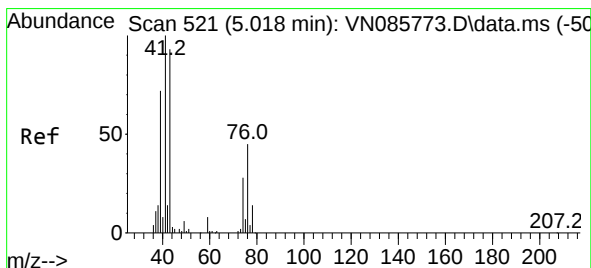
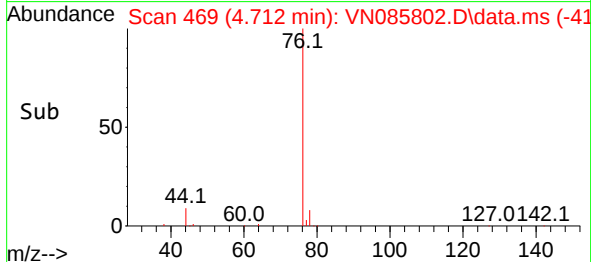
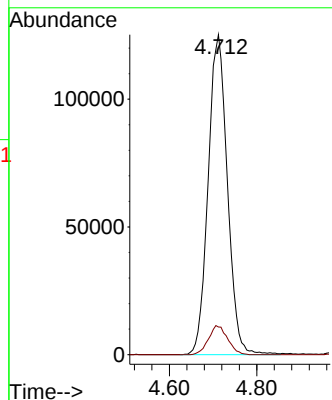
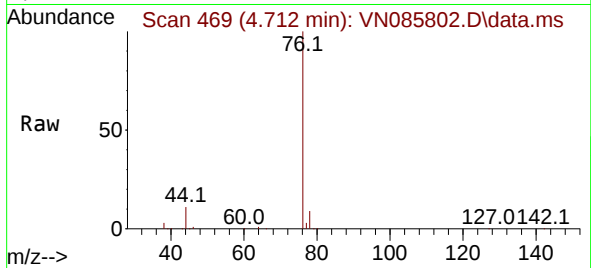




#17
Carbon Disulfide
Concen: 43.963 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

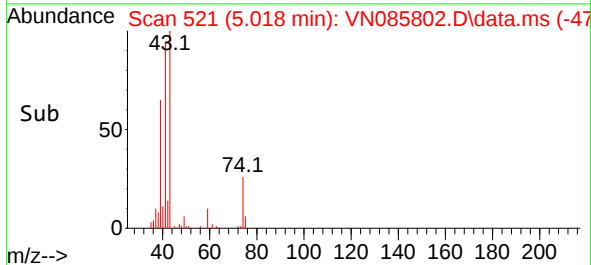
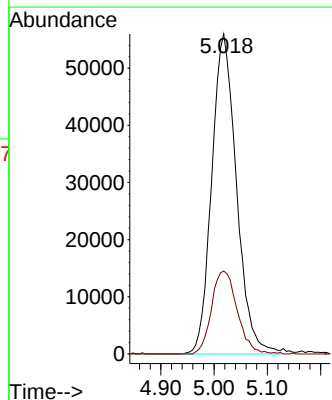
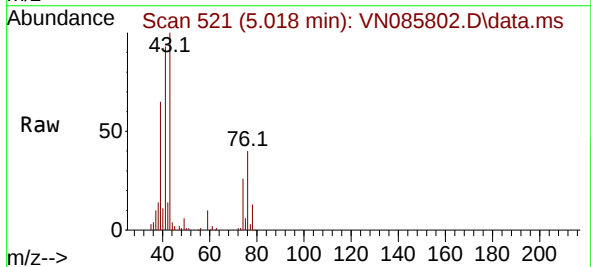
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 382893
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0



#18
Methyl Acetate
Concen: 47.786 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

Tgt Ion: 43 Resp: 180680
Ion Ratio Lower Upper
43 100
74 26.9 22.2 33.4

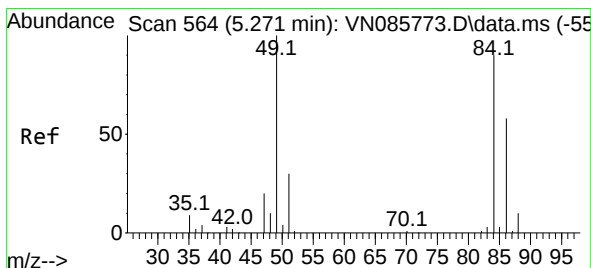
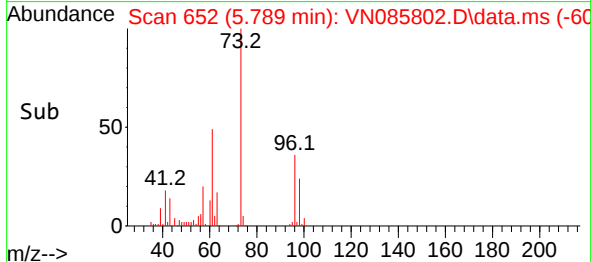
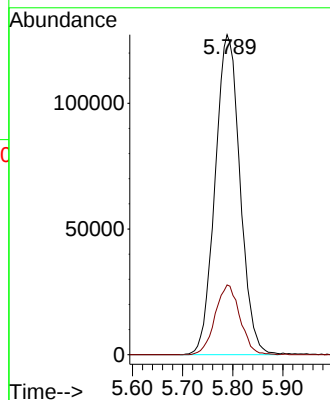
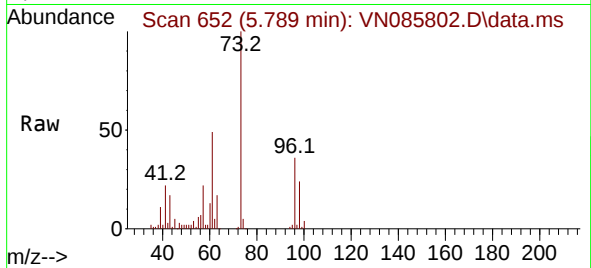




#19
Methyl tert-butyl Ether
Concen: 50.377 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

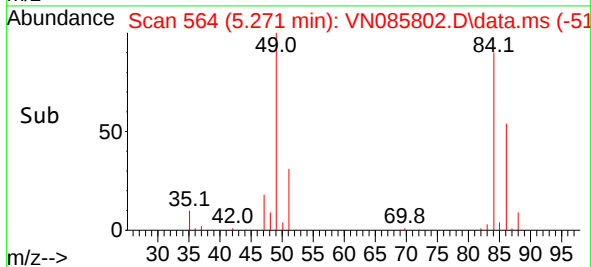
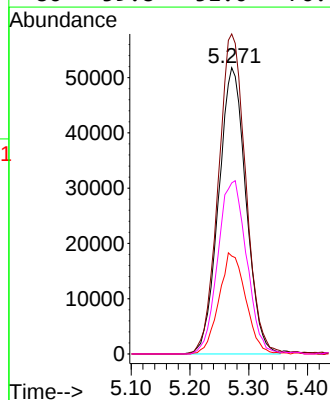
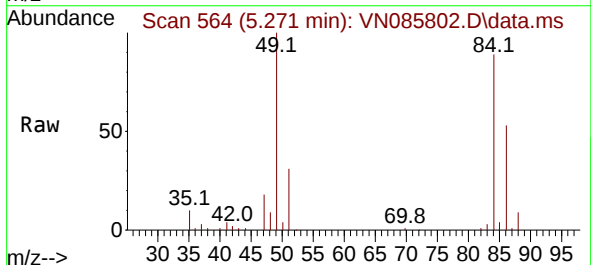
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 439914
Ion Ratio Lower Upper
73 100
57 21.8 17.6 26.4



#20
Methylene Chloride
Concen: 47.330 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

Tgt Ion: 84 Resp: 167319
Ion Ratio Lower Upper
84 100
49 111.8 88.4 132.6
51 34.2 26.6 40.0
86 59.8 51.0 76.6

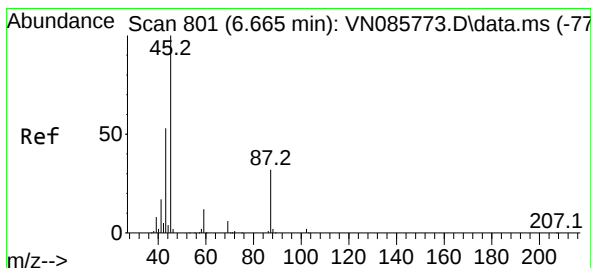
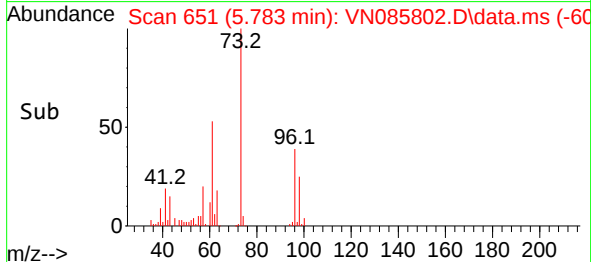
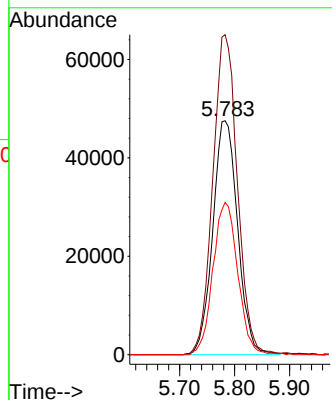
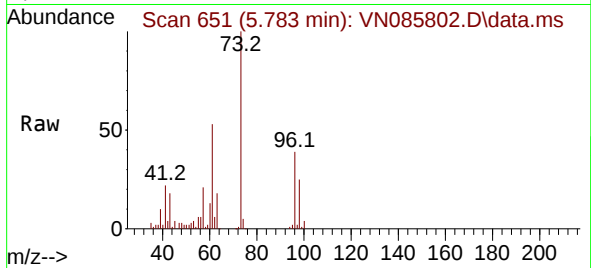




#21
trans-1,2-Dichloroethene
Concen: 47.242 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

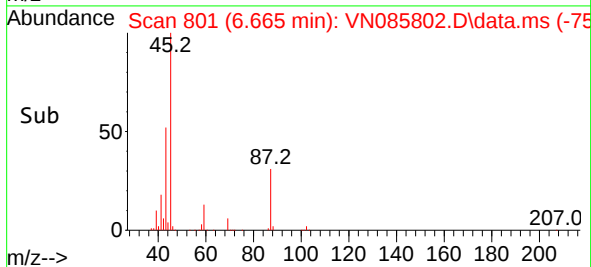
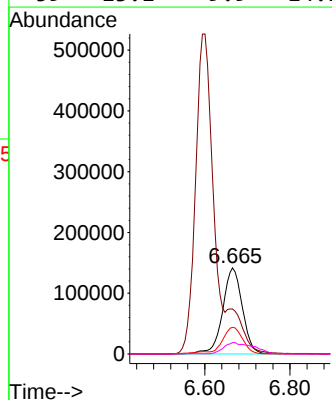
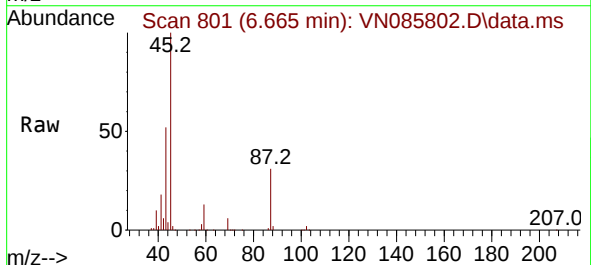
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 149487
Ion Ratio Lower Upper
96 100
61 136.8 112.6 168.8
98 65.1 53.3 79.9



#22
Diisopropyl ether
Concen: 52.095 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

Tgt Ion: 45 Resp: 454174
Ion Ratio Lower Upper
45 100
43 51.2 42.6 64.0
87 30.9 25.8 38.8
59 13.1 9.9 14.9

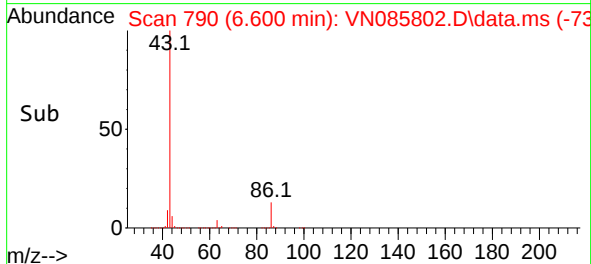
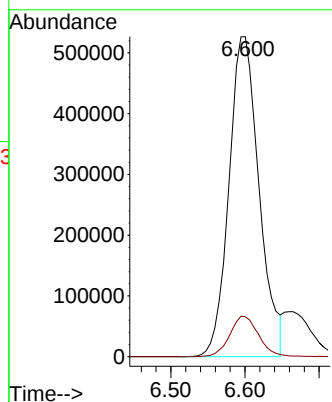
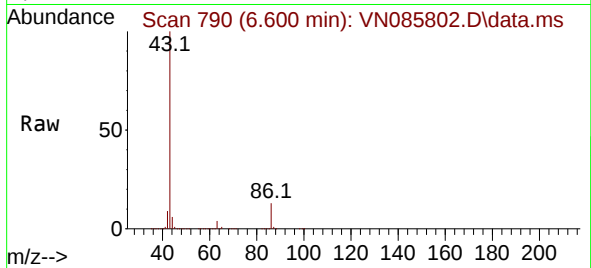




#23
 Vinyl Acetate
 Concen: 249.547 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085802.D
 Acq: 21 Feb 2025 14:43

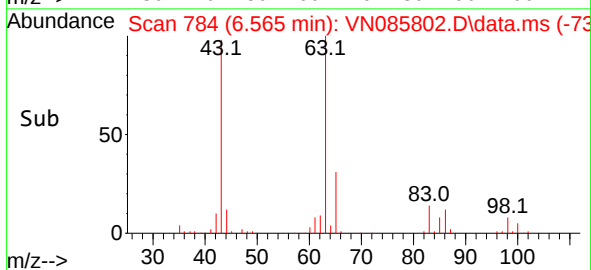
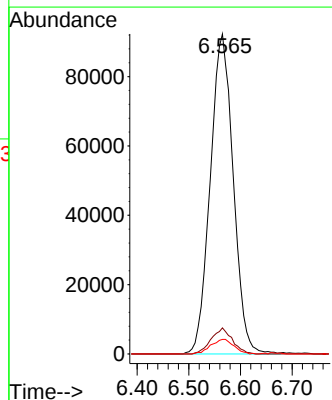
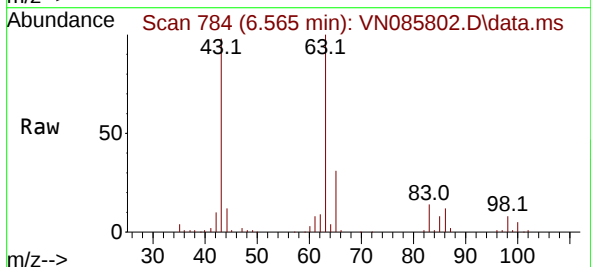
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

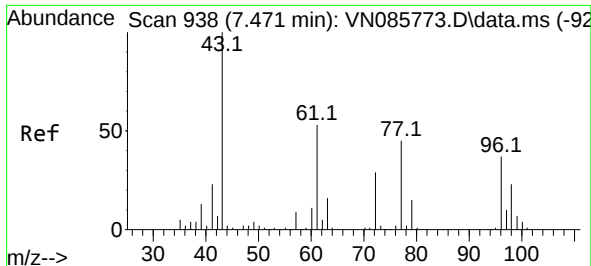
Tgt Ion: 43 Resp: 1489624
 Ion Ratio Lower Upper
 43 100
 86 12.5 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 48.172 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN085802.D
 Acq: 21 Feb 2025 14:43

Tgt Ion: 63 Resp: 285492
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.5 10.4
 100 4.6 2.4 7.2

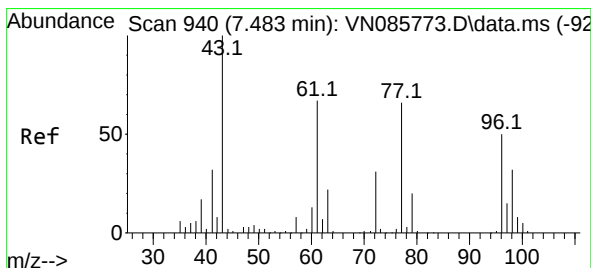
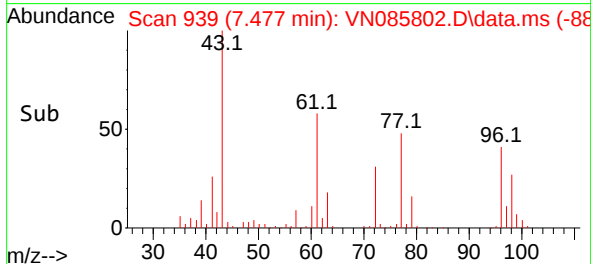
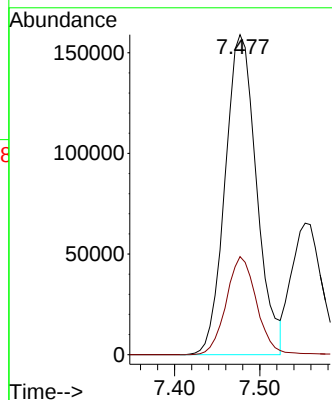
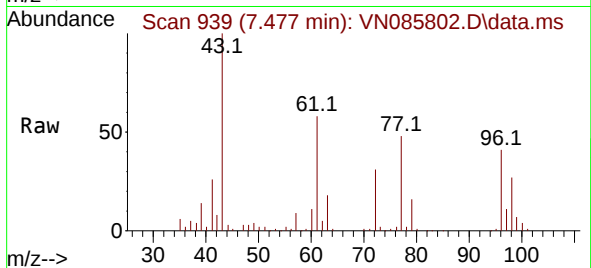




#25
2-Butanone
Concen: 252.743 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

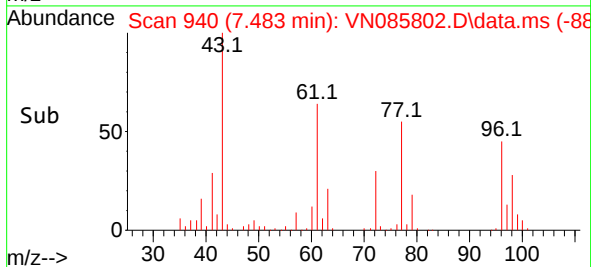
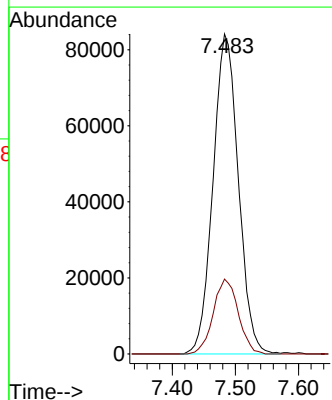
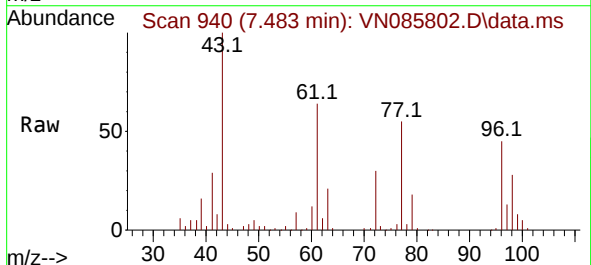
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 408748
Ion Ratio Lower Upper
43 100
72 30.7 23.6 35.4



#26
2,2-Dichloropropane
Concen: 44.451 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

Tgt Ion: 77 Resp: 234255
Ion Ratio Lower Upper
77 100
97 23.1 11.3 33.8

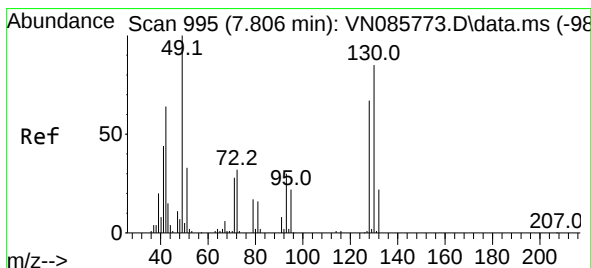
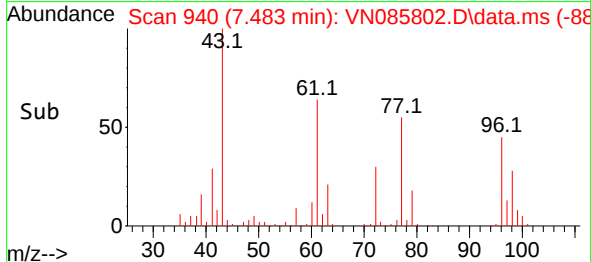
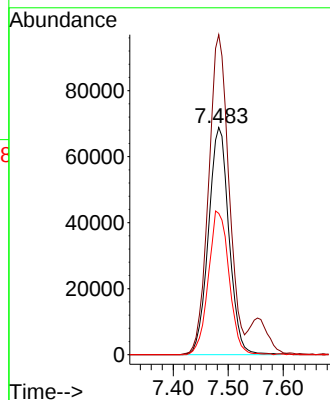
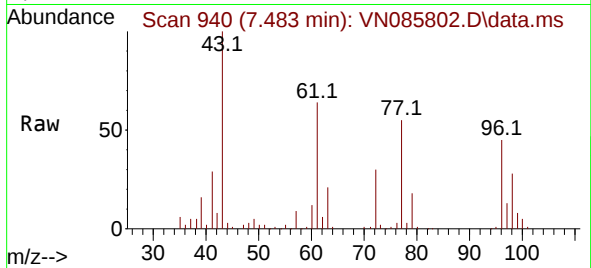




#27
 cis-1,2-Dichloroethene
 Concen: 48.742 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN085802.D
 Acq: 21 Feb 2025 14:43

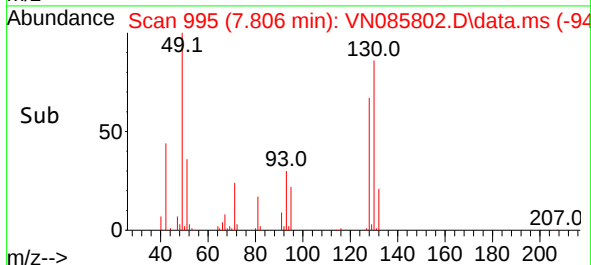
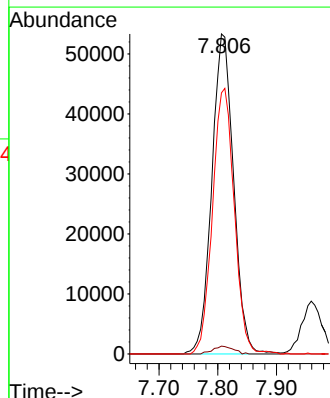
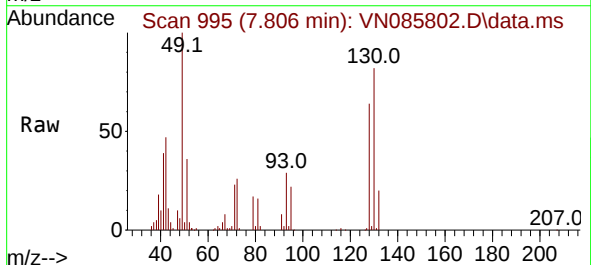
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

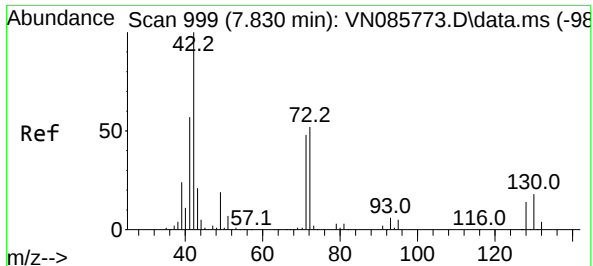
Tgt Ion: 96 Resp: 178832
 Ion Ratio Lower Upper
 96 100
 61 139.2 0.0 280.6
 98 63.7 0.0 128.6



#28
 Bromochloromethane
 Concen: 56.357 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. 0.000 min
 Lab File: VN085802.D
 Acq: 21 Feb 2025 14:43

Tgt Ion: 49 Resp: 137276
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 3.8
 130 83.0 68.0 102.0





#29

Tetrahydrofuran

Concen: 270.837 ug/l

RT: 7.830 min Scan# 999

Delta R.T. 0.000 min

Lab File: VN085802.D

Acq: 21 Feb 2025 14:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

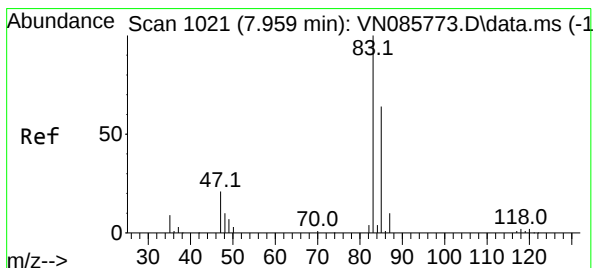
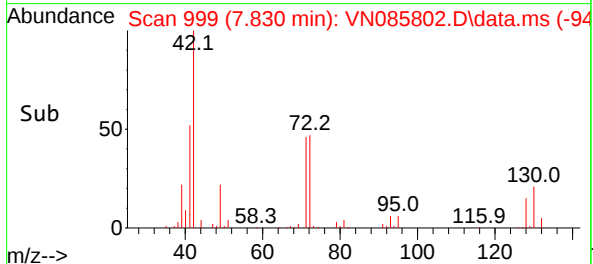
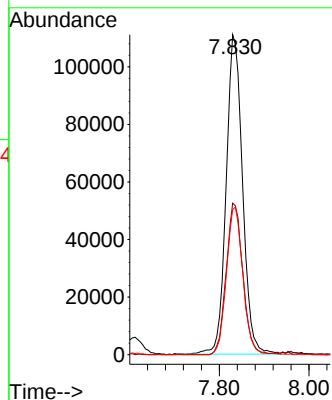
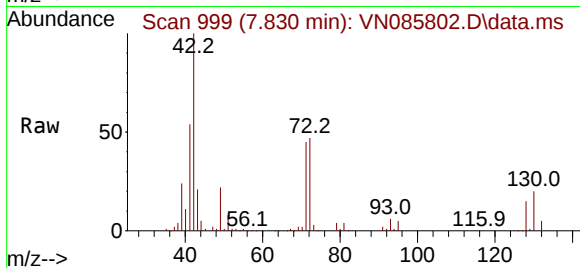
Tgt Ion: 42 Resp: 282844

Ion Ratio Lower Upper

42 100

72 48.3 40.0 60.0

71 46.5 37.0 55.4



#30

Chloroform

Concen: 49.044 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN085802.D

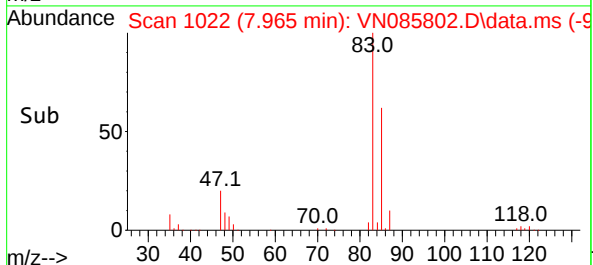
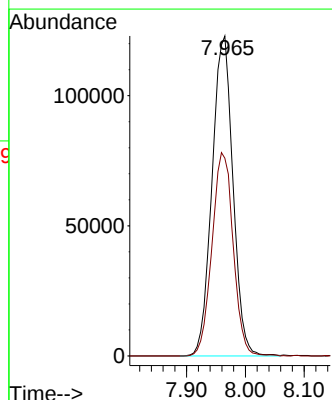
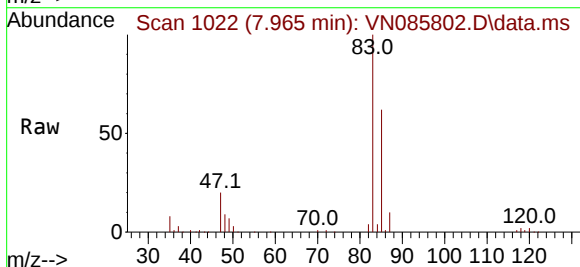
Acq: 21 Feb 2025 14:43

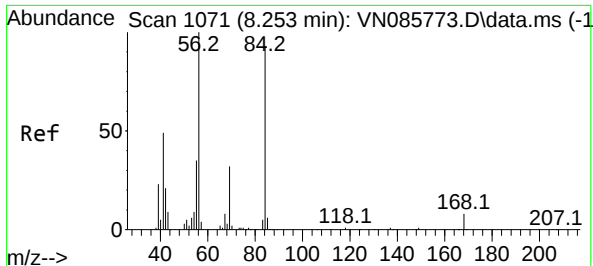
Tgt Ion: 83 Resp: 303747

Ion Ratio Lower Upper

83 100

85 61.8 50.9 76.3

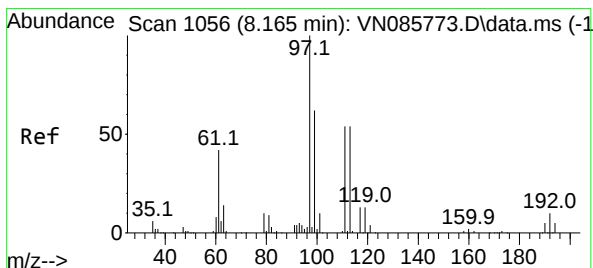
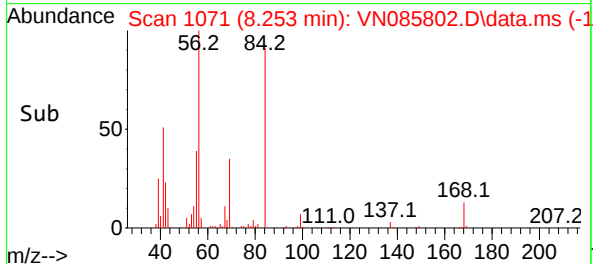
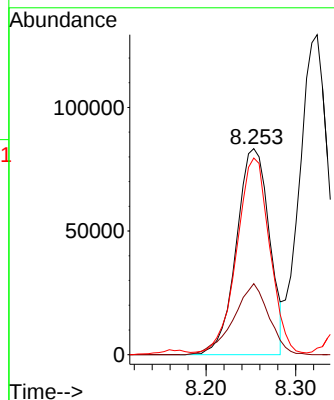
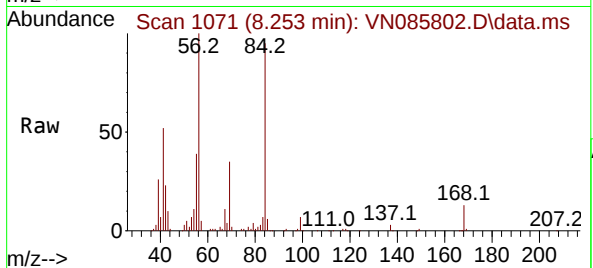




#31
Cyclohexane
Concen: 42.973 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

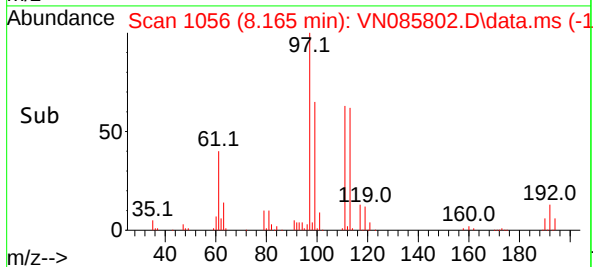
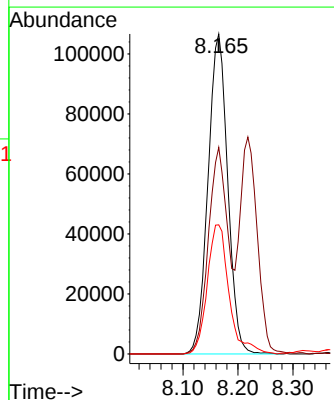
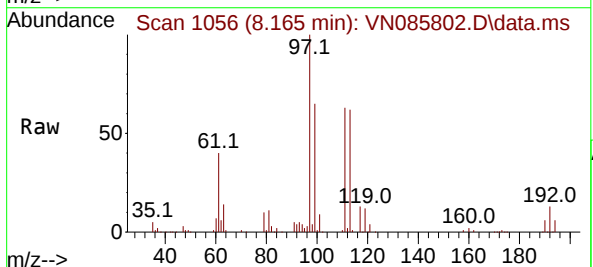
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 213240
Ion Ratio Lower Upper
56 100
69 34.5 25.8 38.6
84 93.3 74.5 111.7



#32
1,1,1-Trichloroethane
Concen: 48.115 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

Tgt Ion: 97 Resp: 265052
Ion Ratio Lower Upper
97 100
99 65.6 50.4 75.6
61 44.7 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 53.741 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. 0.000 min

Lab File: VN085802.D

Acq: 21 Feb 2025 14:43

Instrument :

MSVOA_N

ClientSampleId :

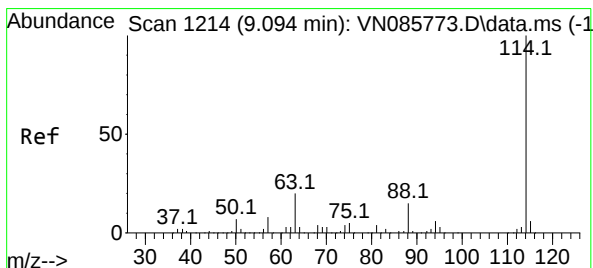
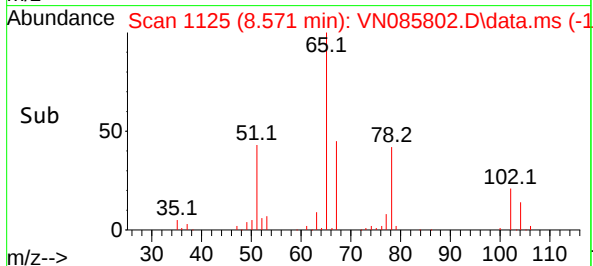
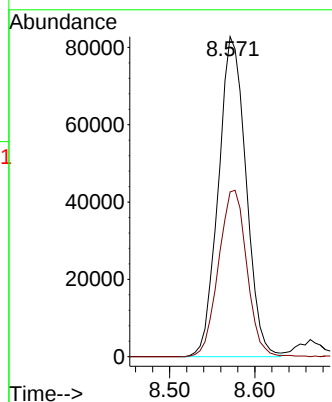
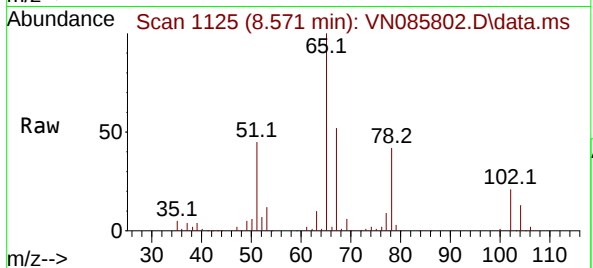
VSTDCCC050

Tgt Ion: 65 Resp: 186705

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VN085802.D

Acq: 21 Feb 2025 14:43

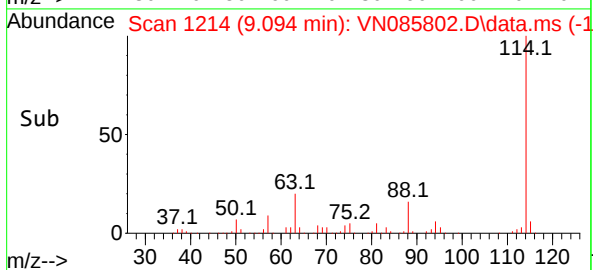
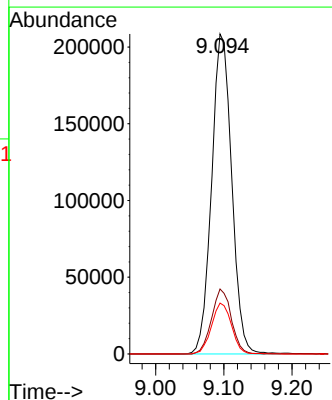
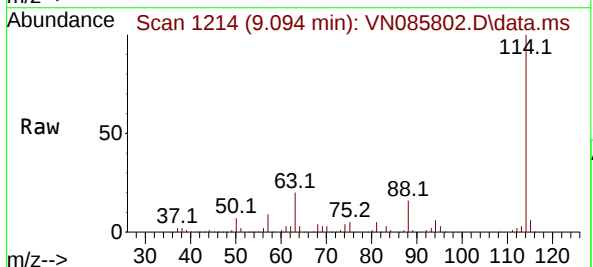
Tgt Ion: 114 Resp: 427963

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.2

88 15.9 0.0 30.0





#35

Dibromofluoromethane

Concen: 56.940 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VN085802.D

Acq: 21 Feb 2025 14:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

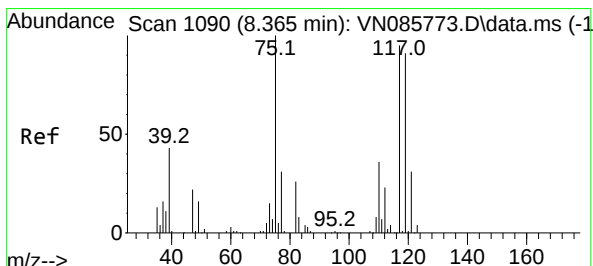
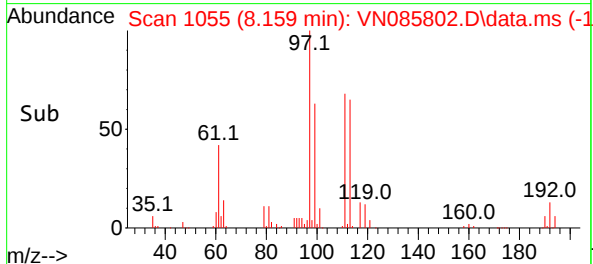
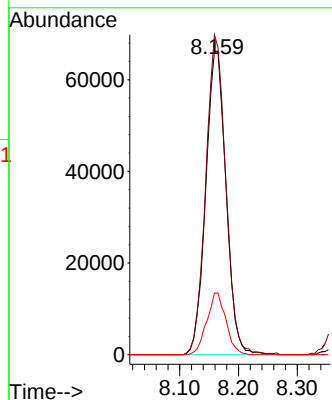
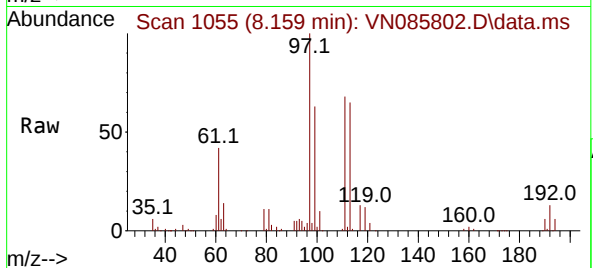
Tgt Ion:113 Resp: 159454

Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.4

192 19.1 14.7 22.1



#36

1,1-Dichloropropene

Concen: 51.811 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VN085802.D

Acq: 21 Feb 2025 14:43

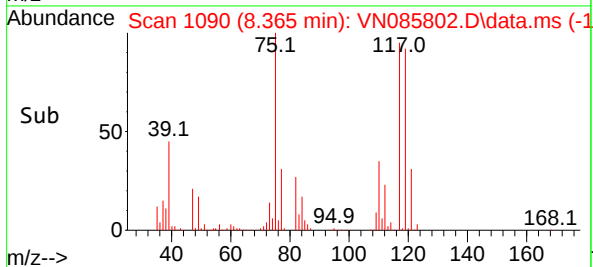
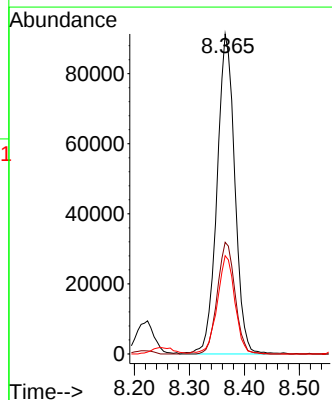
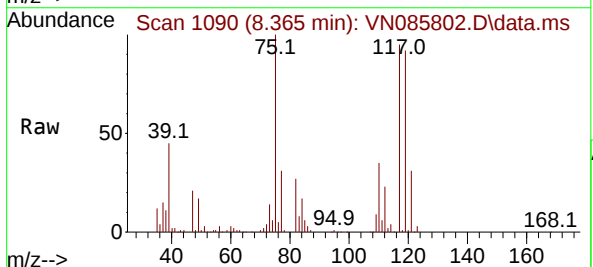
Tgt Ion: 75 Resp: 205343

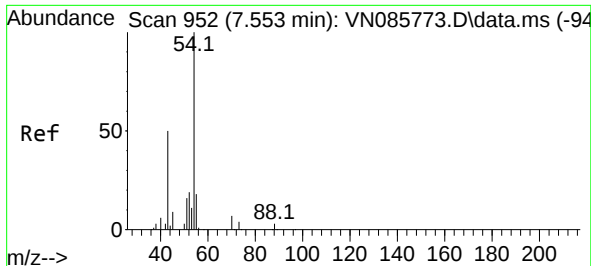
Ion Ratio Lower Upper

75 100

110 34.7 17.3 52.0

77 30.6 24.6 37.0

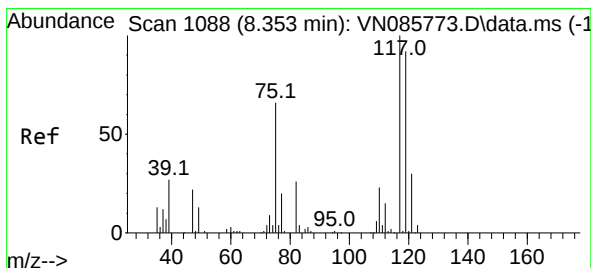
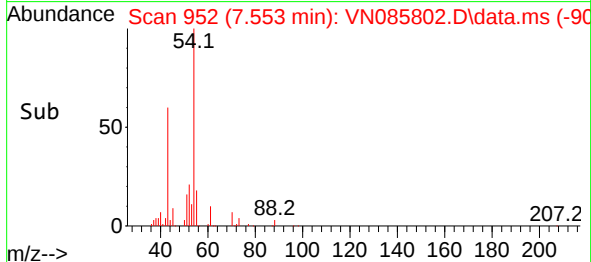
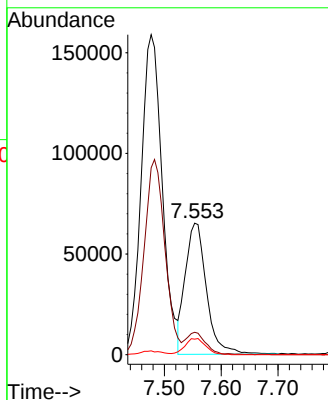
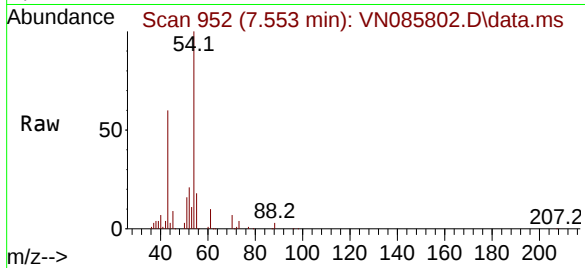




#37
Ethyl Acetate
Concen: 51.745 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

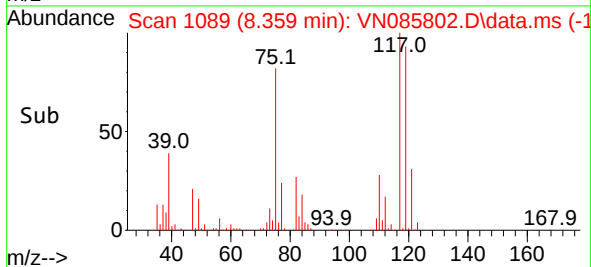
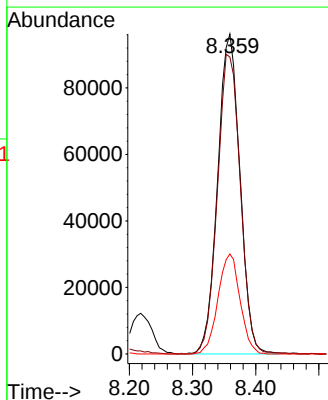
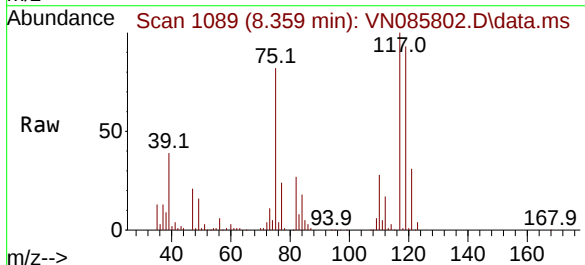
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

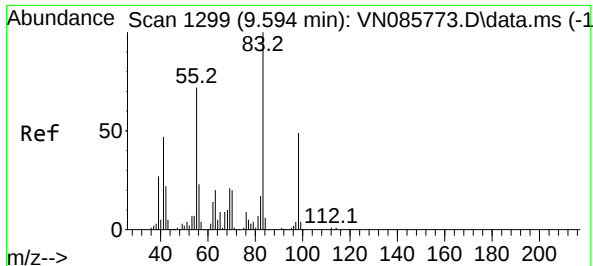
Tgt Ion: 43 Resp: 168771
Ion Ratio Lower Upper
43 100
61 16.1 12.2 18.2
70 12.1 9.5 14.3



#38
Carbon Tetrachloride
Concen: 50.144 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

Tgt Ion: 117 Resp: 236139
Ion Ratio Lower Upper
117 100
119 92.8 73.8 110.6
121 31.2 24.3 36.5





#39

Methylcyclohexane

Concen: 49.353 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN085802.D

Acq: 21 Feb 2025 14:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

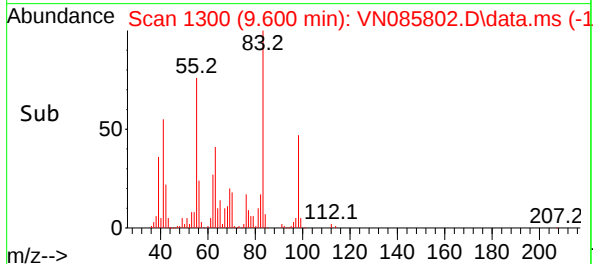
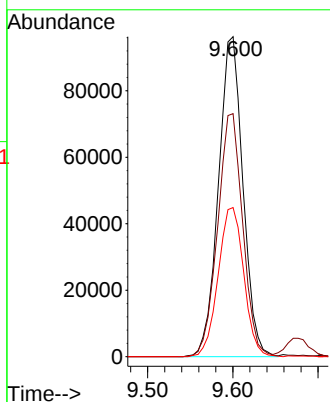
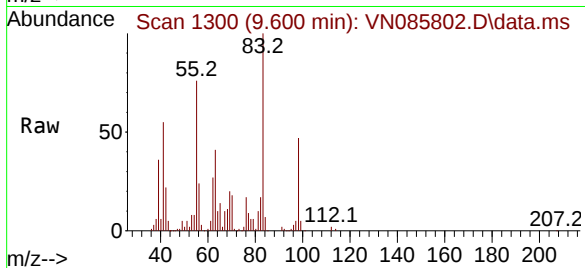
Tgt Ion: 83 Resp: 192160

Ion Ratio Lower Upper

83 100

55 76.0 57.5 86.3

98 46.6 39.2 58.8



#40

Benzene

Concen: 51.401 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN085802.D

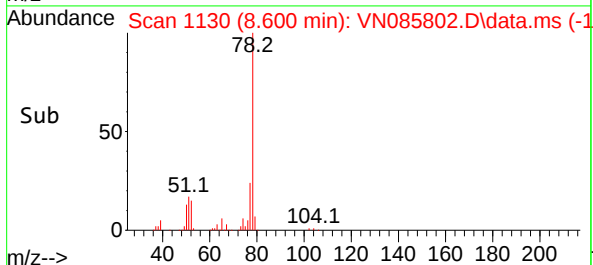
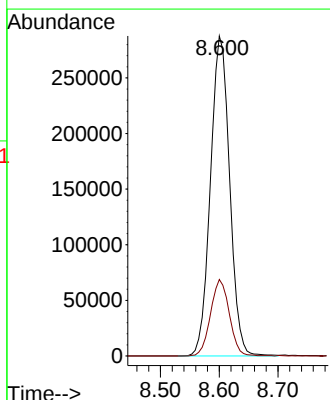
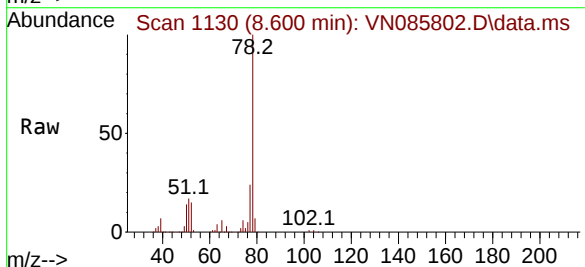
Acq: 21 Feb 2025 14:43

Tgt Ion: 78 Resp: 652933

Ion Ratio Lower Upper

78 100

77 23.9 18.3 27.5

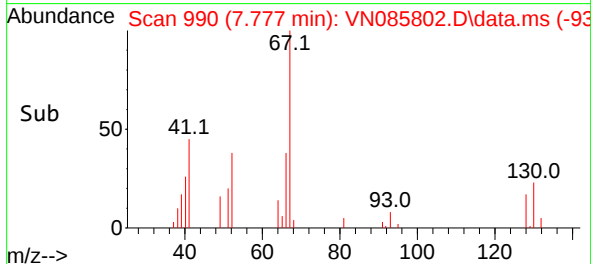
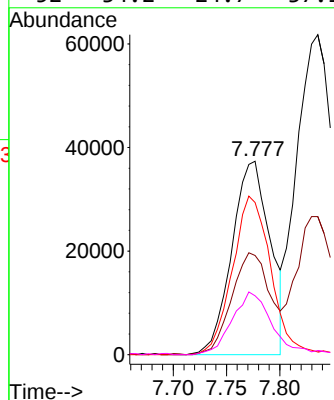
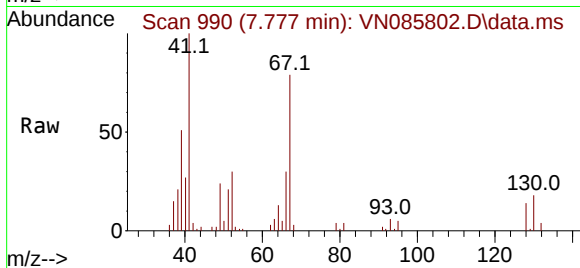




#41
Methacrylonitrile
Concen: 53.611 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

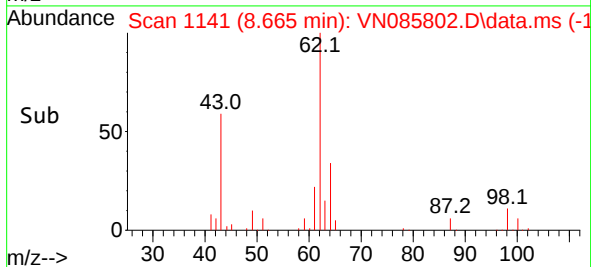
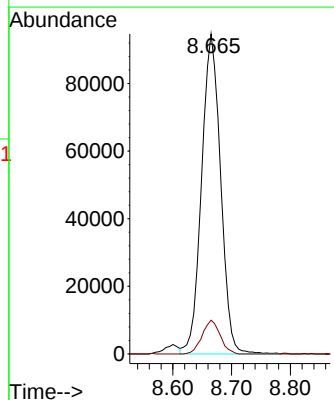
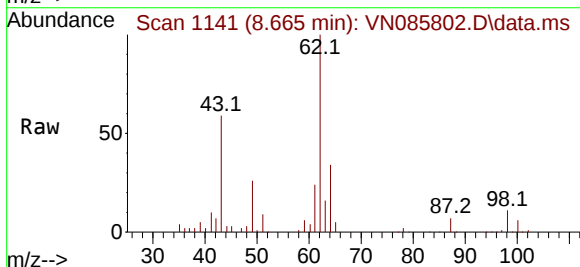
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	93474
Ion	Ratio	Lower	Upper
41	100		
39	53.1	42.0	63.0
67	82.8	64.2	96.4
52	34.2	24.7	37.1



#42
1,2-Dichloroethane
Concen: 51.506 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

Tgt Ion:	62	Resp:	213112
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.6

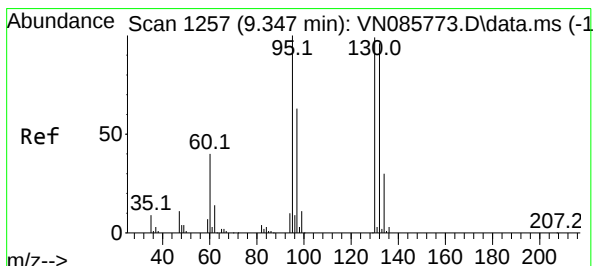
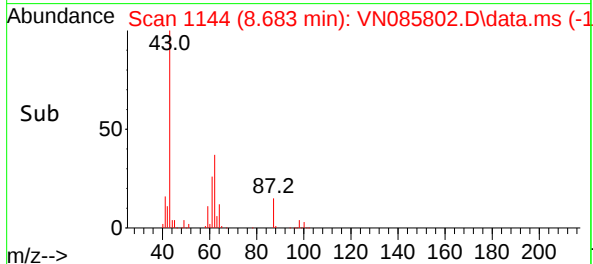
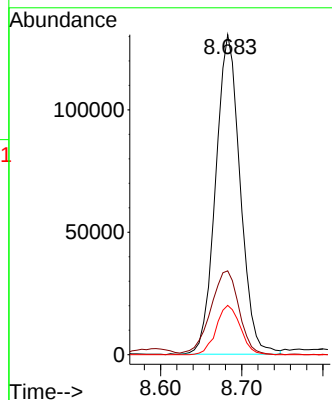
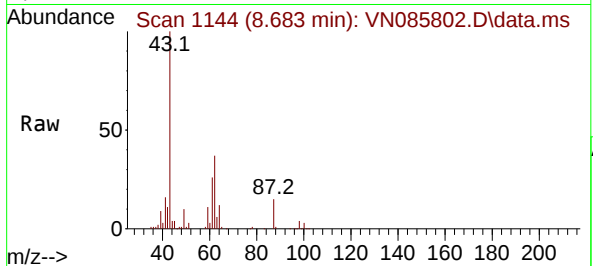




#43
Isopropyl Acetate
Concen: 47.875 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

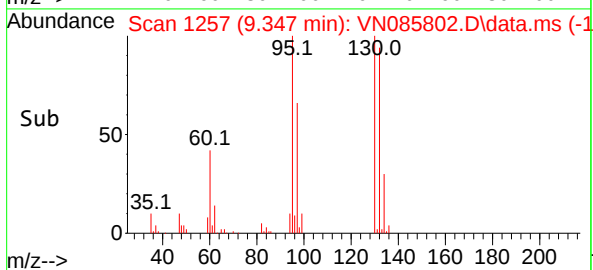
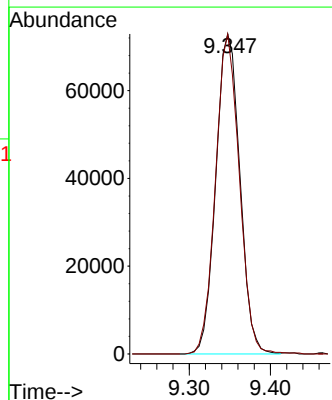
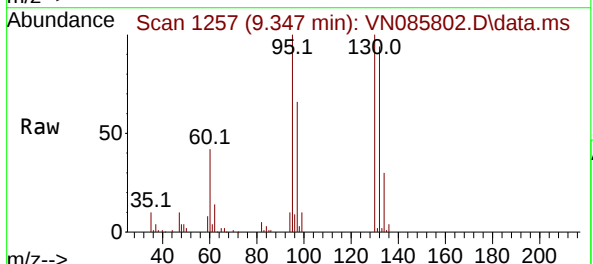
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

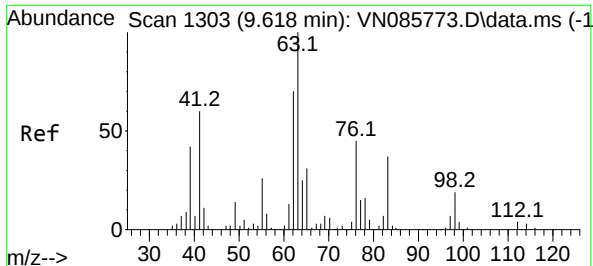
Tgt Ion: 43 Resp: 274170
Ion Ratio Lower Upper
43 100
61 30.3 22.6 34.0
87 15.1 11.8 17.8



#44
Trichloroethene
Concen: 48.106 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

Tgt Ion:130 Resp: 150036
Ion Ratio Lower Upper
130 100
95 99.9 0.0 202.6





#45

1,2-Dichloropropane

Concen: 52.355 ug/l

RT: 9.618 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085802.D

Acq: 21 Feb 2025 14:43

Instrument :

MSVOA_N

ClientSampleId :

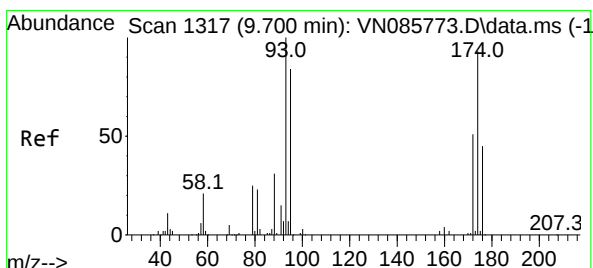
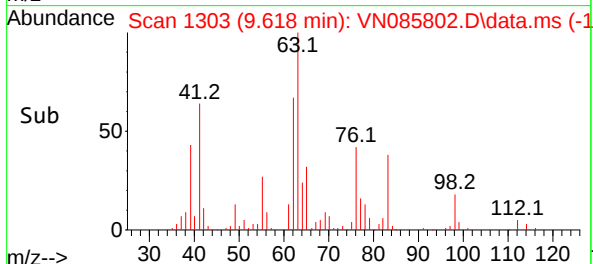
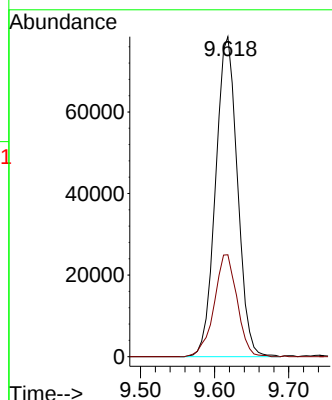
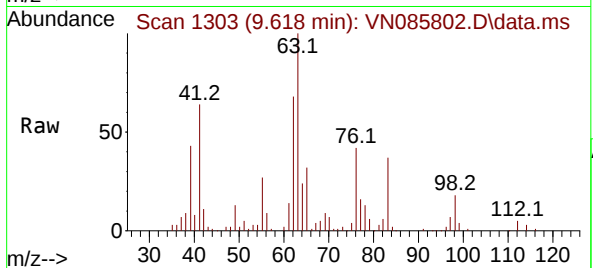
VSTDCCC050

Tgt Ion: 63 Resp: 160531

Ion Ratio Lower Upper

63 100

65 31.8 25.1 37.7



#46

Dibromomethane

Concen: 52.191 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN085802.D

Acq: 21 Feb 2025 14:43

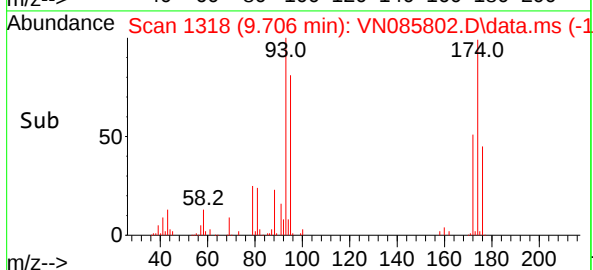
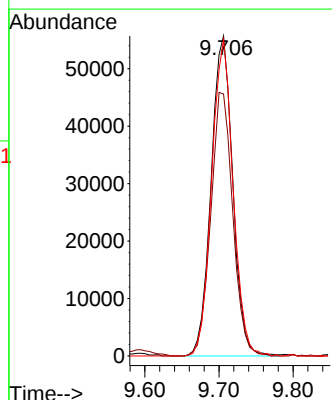
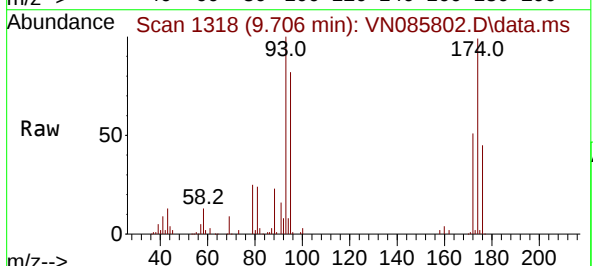
Tgt Ion: 93 Resp: 112878

Ion Ratio Lower Upper

93 100

95 83.9 66.7 100.1

174 97.9 77.2 115.8

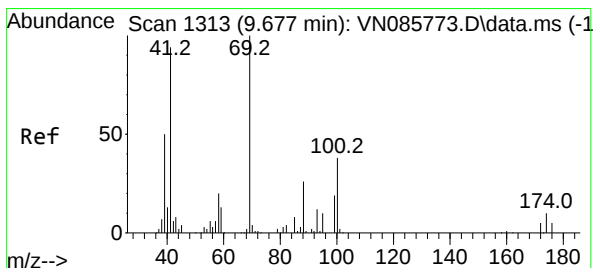
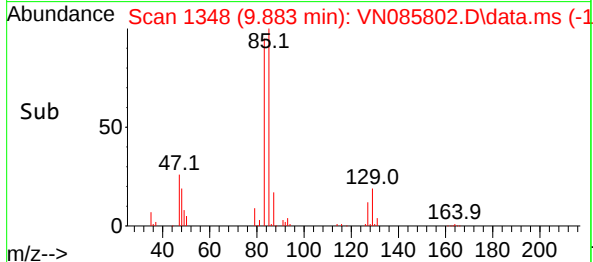
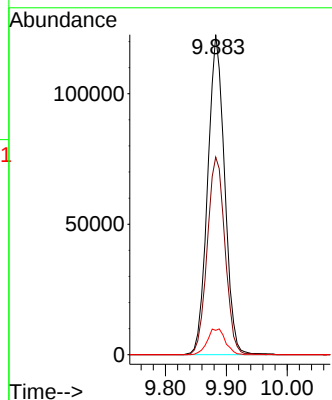
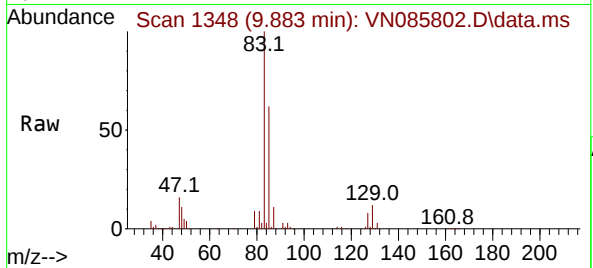




#47
Bromodichloromethane
Concen: 51.183 ug/l
RT: 9.883 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

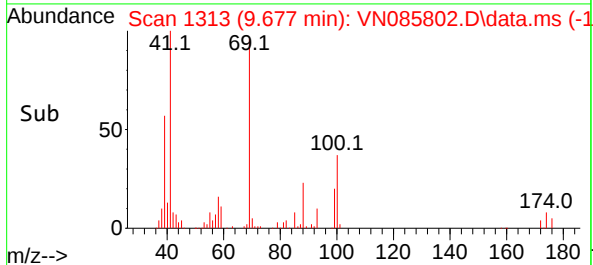
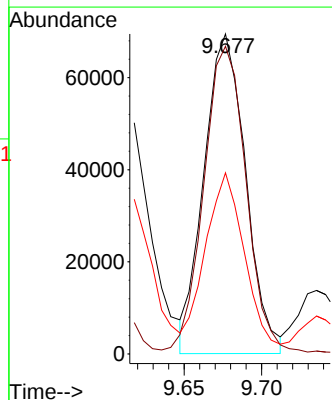
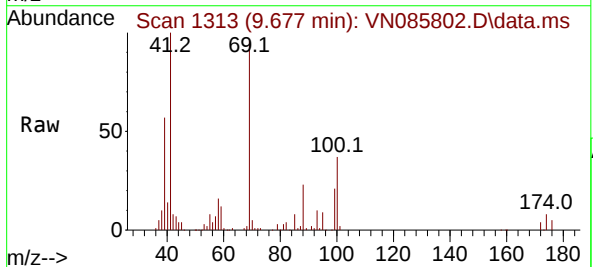
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

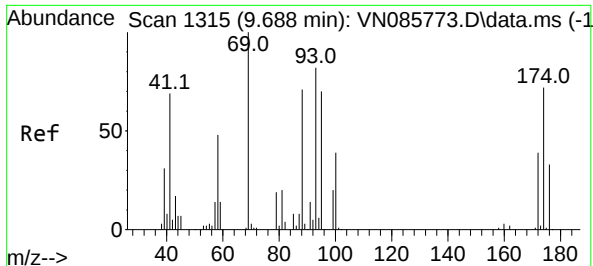
Tgt Ion: 83 Resp: 236831
Ion Ratio Lower Upper
83 100
85 61.8 50.5 75.7
127 7.6 7.2 10.8



#48
Methyl methacrylate
Concen: 53.539 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

Tgt Ion: 41 Resp: 129683
Ion Ratio Lower Upper
41 100
69 99.1 76.0 114.0
39 54.2 42.3 63.5





#49

1,4-Dioxane

Concen: 1174.663 ug/l

RT: 9.688 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085802.D

Acq: 21 Feb 2025 14:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

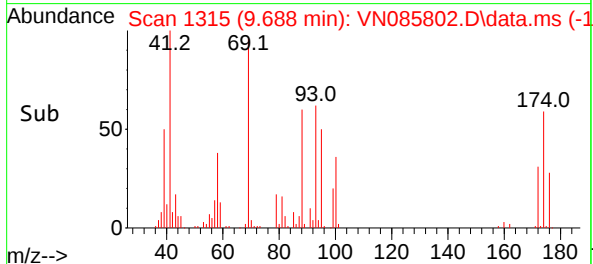
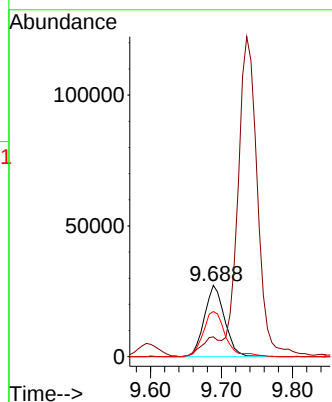
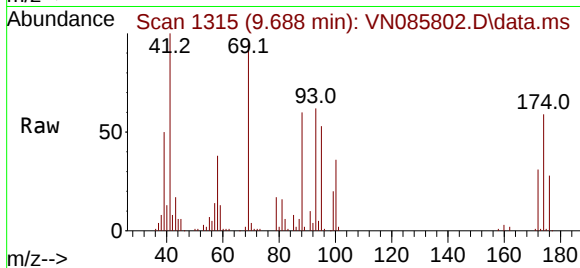
Tgt Ion: 88 Resp: 54107

Ion Ratio Lower Upper

88 100

43 26.7 18.6 27.8

58 70.0 56.7 85.1



#50

Toluene-d8

Concen: 58.597 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085802.D

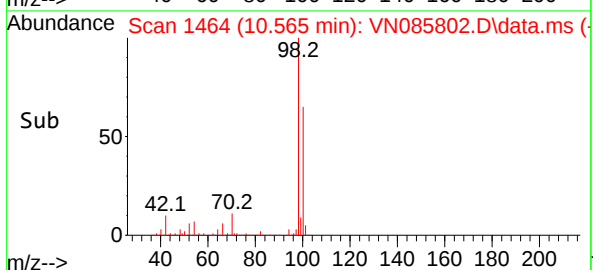
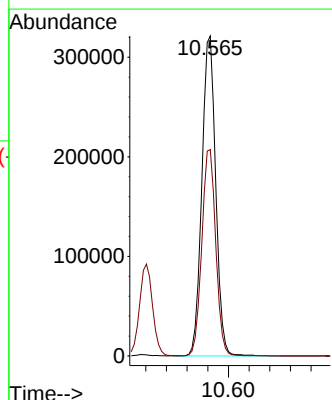
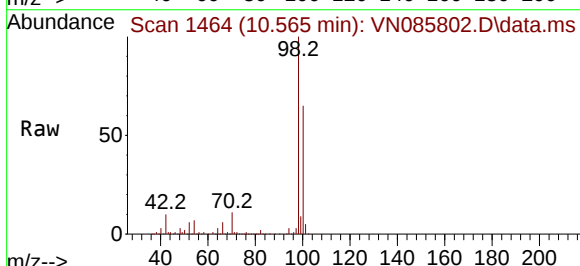
Acq: 21 Feb 2025 14:43

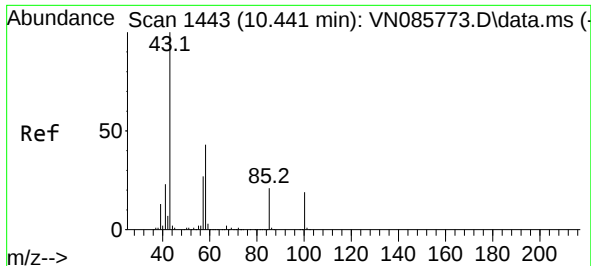
Tgt Ion: 98 Resp: 597021

Ion Ratio Lower Upper

98 100

100 64.8 52.1 78.1

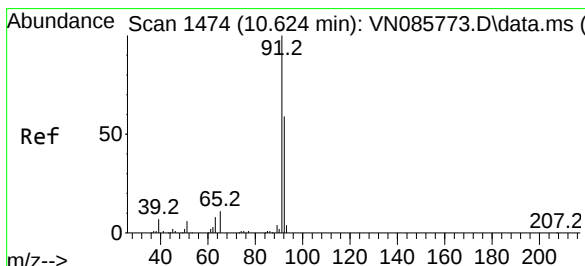
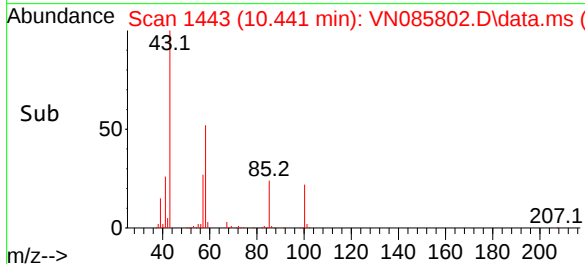
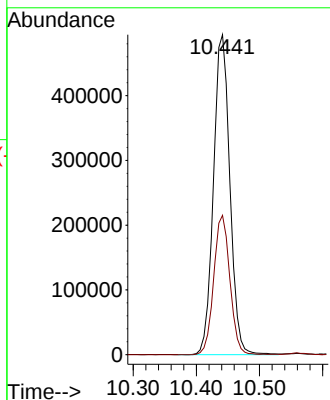
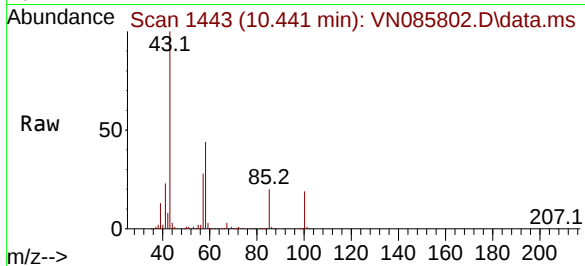




#51
4-Methyl-2-Pentanone
Concen: 283.595 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

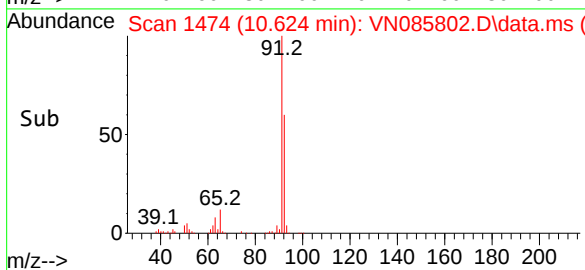
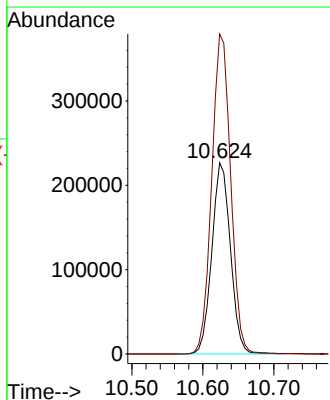
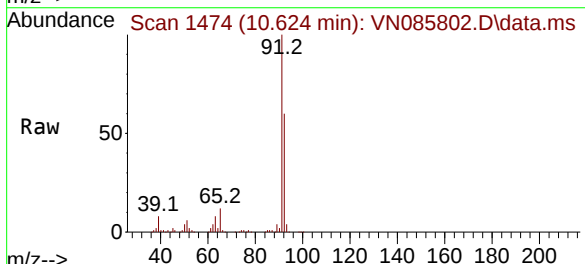
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

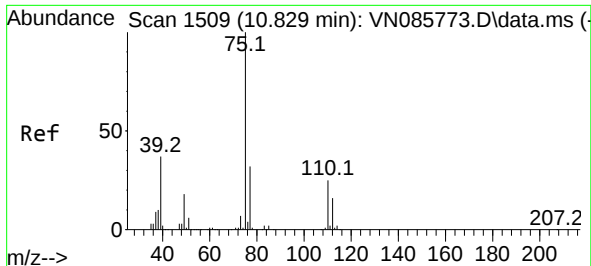
Tgt Ion: 43 Resp: 891792
Ion Ratio Lower Upper
43 100
58 42.9 34.6 52.0



#52
Toluene
Concen: 55.092 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

Tgt Ion: 92 Resp: 410222
Ion Ratio Lower Upper
92 100
91 171.3 136.9 205.3

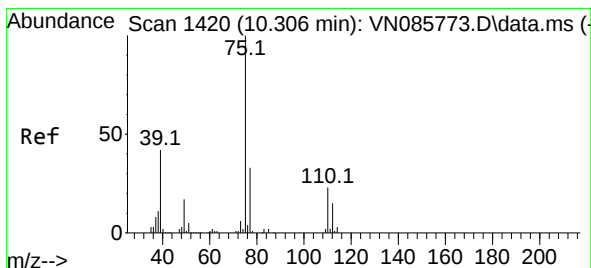
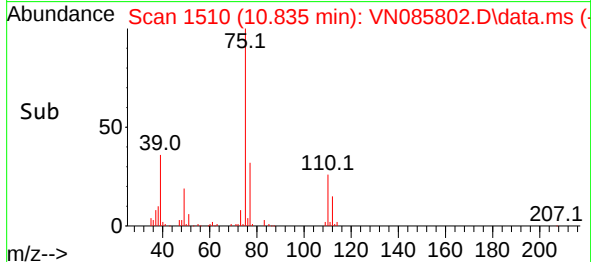
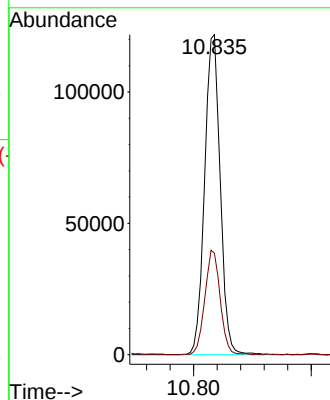
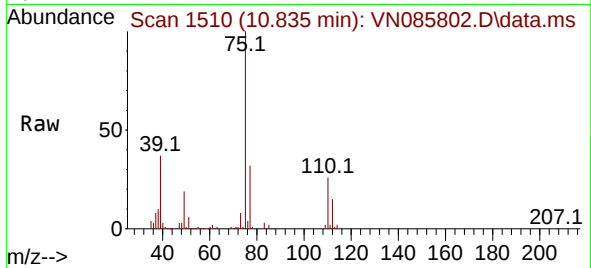




#53
 t-1,3-Dichloropropene
 Concen: 52.343 ug/l
 RT: 10.835 min Scan# 1509
 Delta R.T. 0.006 min
 Lab File: VN085802.D
 Acq: 21 Feb 2025 14:43

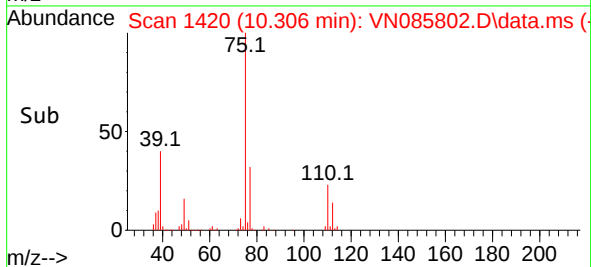
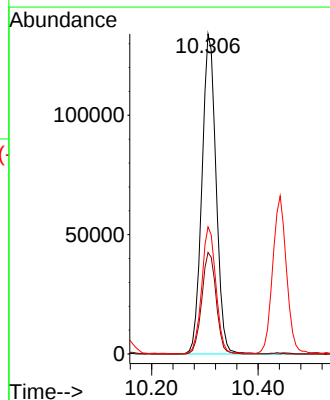
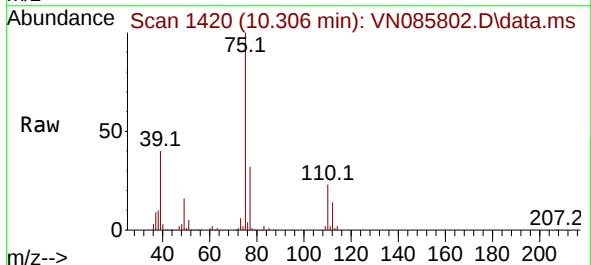
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 223961
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 52.663 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. 0.000 min
 Lab File: VN085802.D
 Acq: 21 Feb 2025 14:43

Tgt Ion: 75 Resp: 247088
 Ion Ratio Lower Upper
 75 100
 77 31.7 26.1 39.1
 39 39.5 33.4 50.0





#55

1,1,2-Trichloroethane

Concen: 52.997 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. -0.000 min

Lab File: VN085802.D

Acq: 21 Feb 2025 14:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 156900

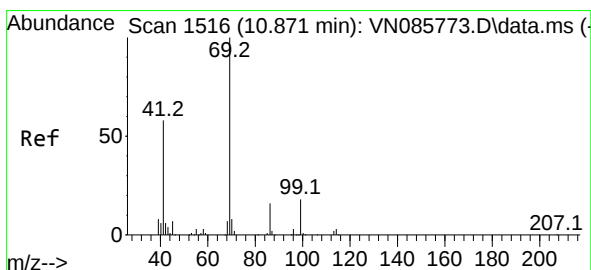
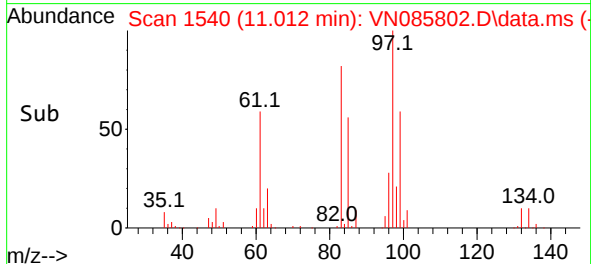
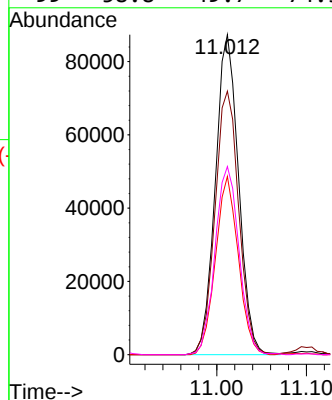
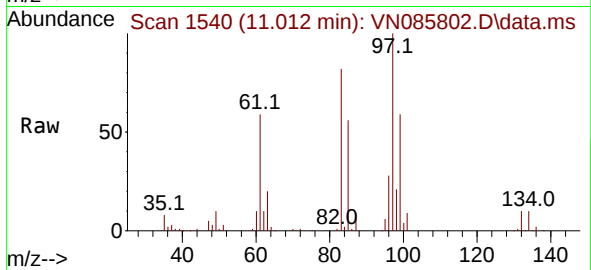
Ion Ratio Lower Upper

97 100

83 82.3 66.1 99.1

85 55.7 44.7 67.1

99 58.8 49.7 74.5



#56

Ethyl methacrylate

Concen: 50.491 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VN085802.D

Acq: 21 Feb 2025 14:43

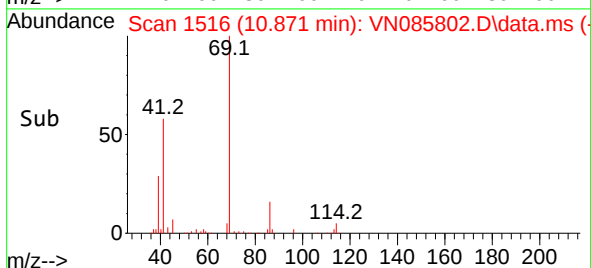
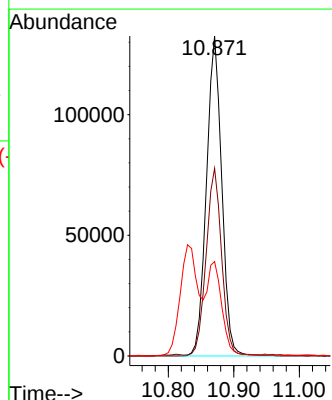
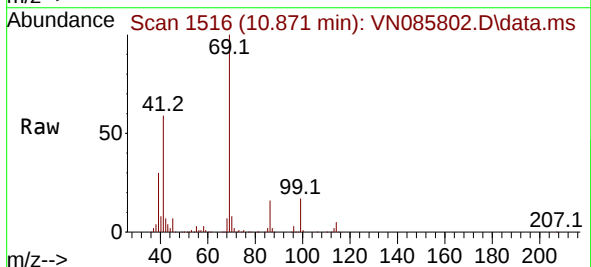
Tgt Ion: 69 Resp: 215183

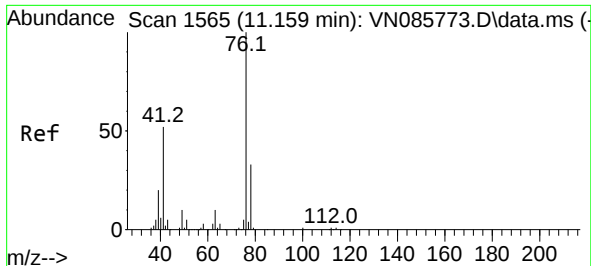
Ion Ratio Lower Upper

69 100

41 58.5 46.0 69.0

39 27.7 22.0 33.0





#57

1,3-Dichloropropane

Concen: 53.470 ug/l

RT: 11.159 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085802.D

Acq: 21 Feb 2025 14:43

Instrument :

MSVOA_N

ClientSampleId :

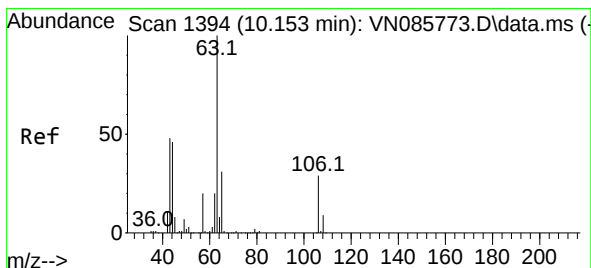
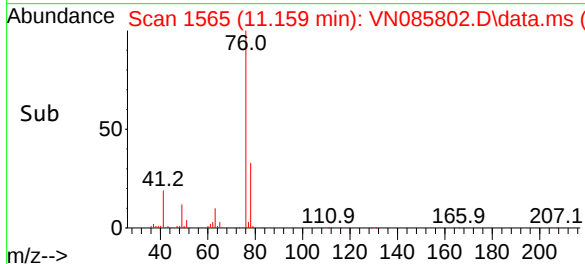
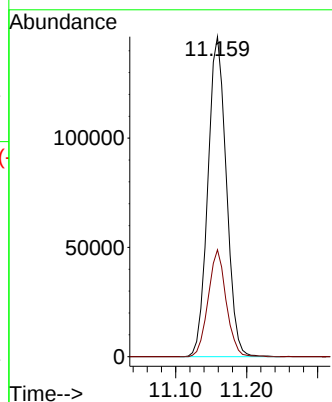
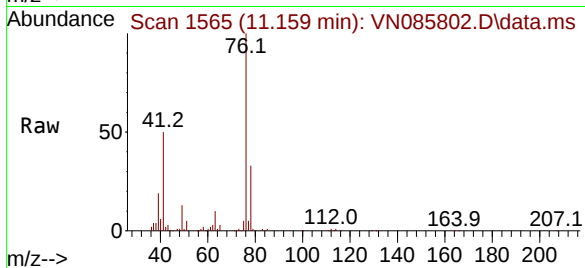
VSTDCCC050

Tgt Ion: 76 Resp: 264256

Ion Ratio Lower Upper

76 100

78 32.6 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 301.782 ug/l

RT: 10.153 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VN085802.D

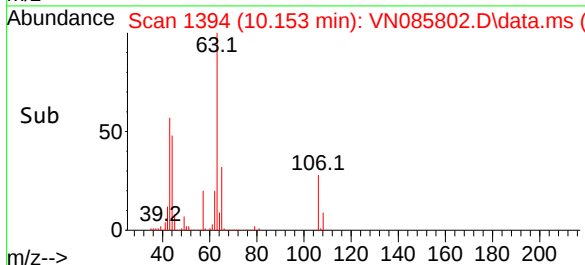
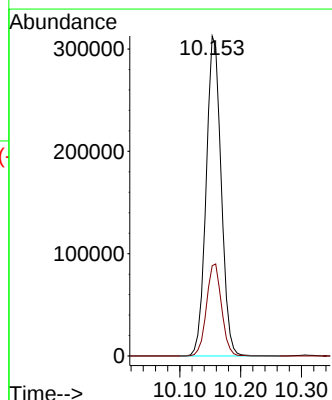
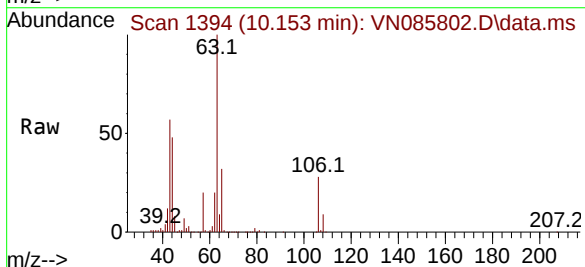
Acq: 21 Feb 2025 14:43

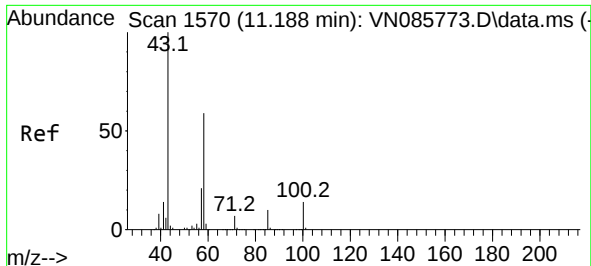
Tgt Ion: 63 Resp: 535674

Ion Ratio Lower Upper

63 100

106 28.8 22.7 34.1

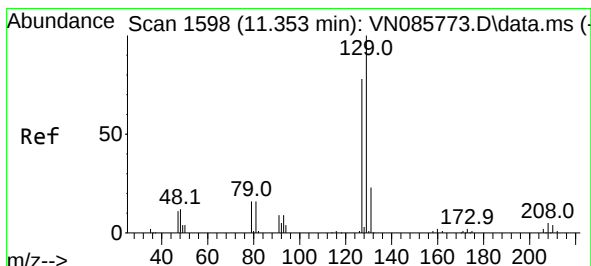
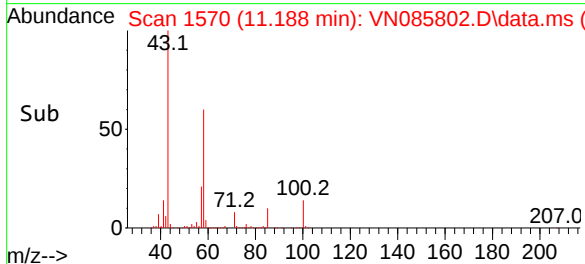
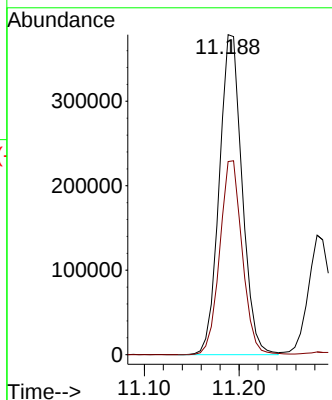
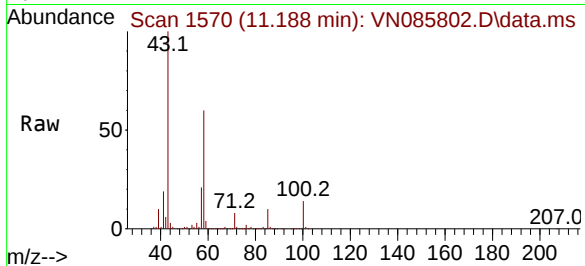




#59
2-Hexanone
Concen: 293.887 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

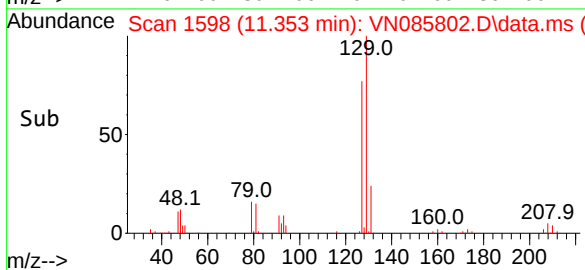
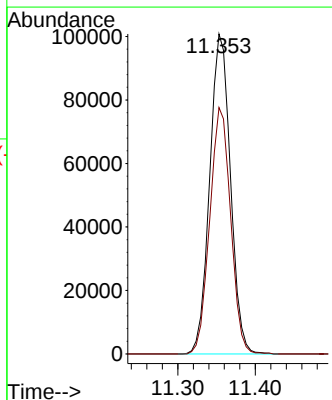
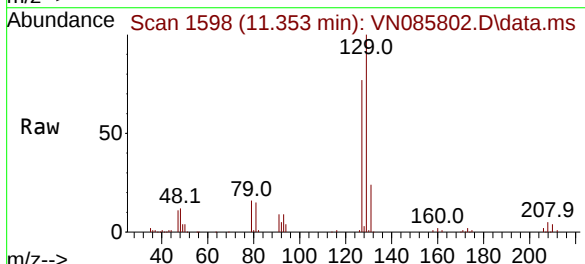
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

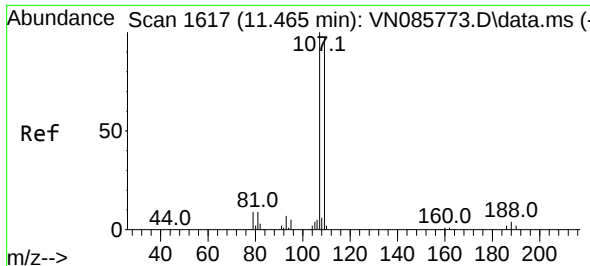
Tgt Ion: 43 Resp: 635767
Ion Ratio Lower Upper
43 100
58 59.7 29.8 89.5



#60
Dibromochloromethane
Concen: 54.336 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

Tgt Ion:129 Resp: 187317
Ion Ratio Lower Upper
129 100
127 77.4 39.1 117.5

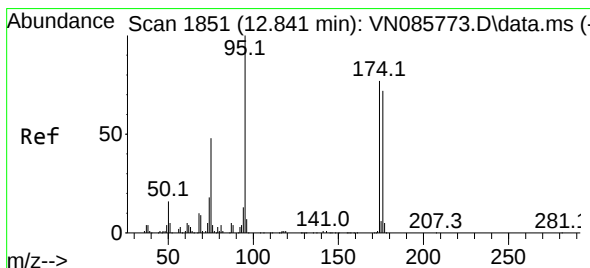
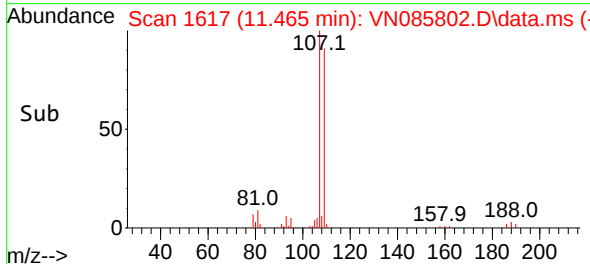
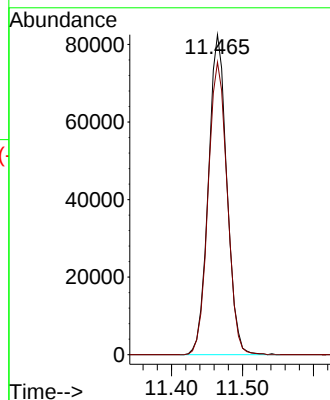
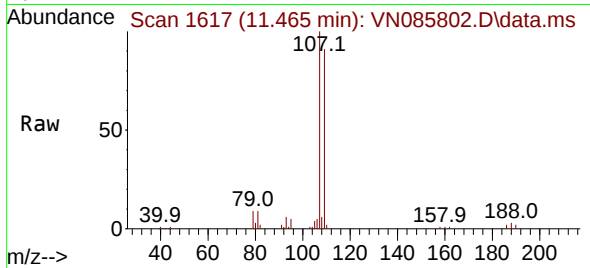




#61
1,2-Dibromoethane
Concen: 53.408 ug/l
RT: 11.465 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

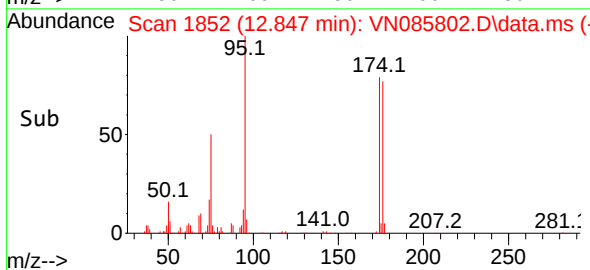
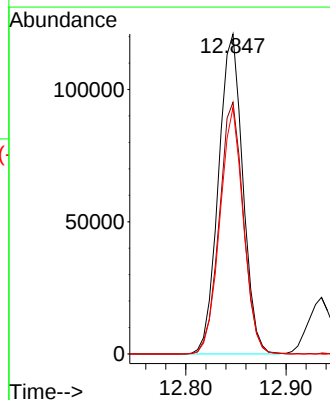
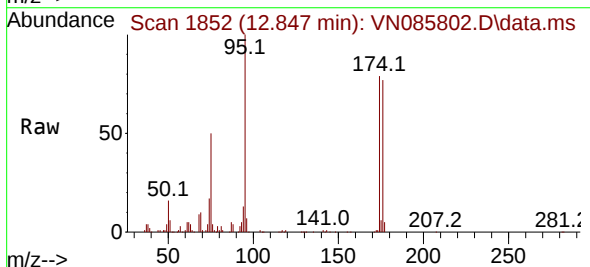
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

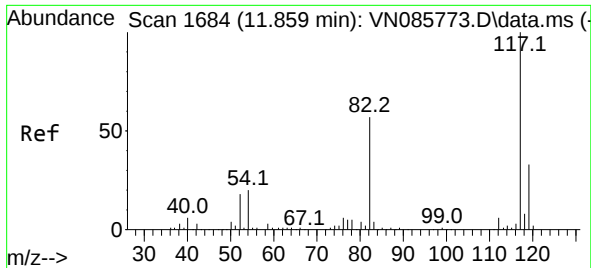
Tgt Ion:107 Resp: 149395
Ion Ratio Lower Upper
107 100
109 94.2 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 60.623 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

Tgt Ion: 95 Resp: 203507
Ion Ratio Lower Upper
95 100
174 77.8 0.0 152.4
176 74.4 0.0 146.6

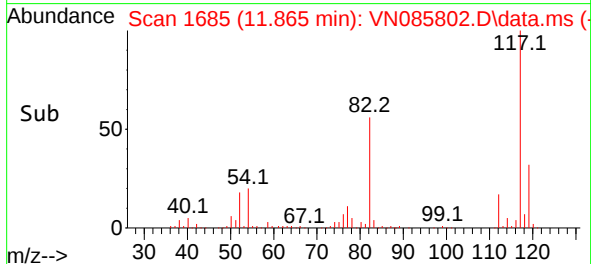
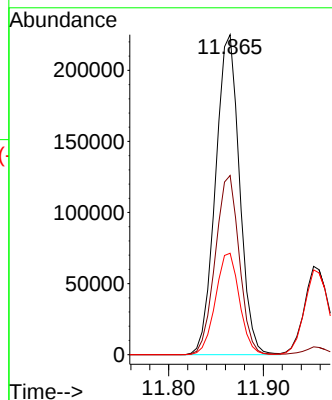
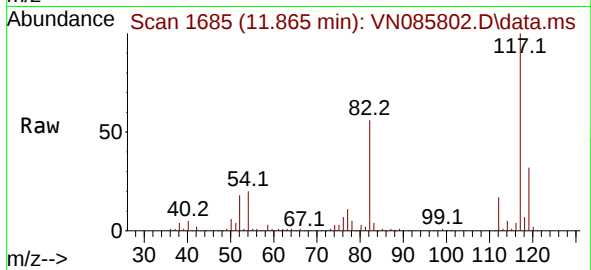




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

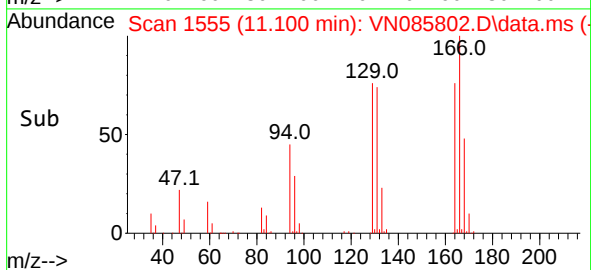
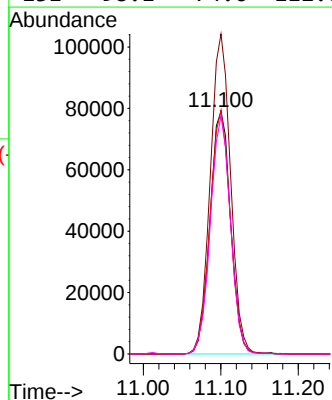
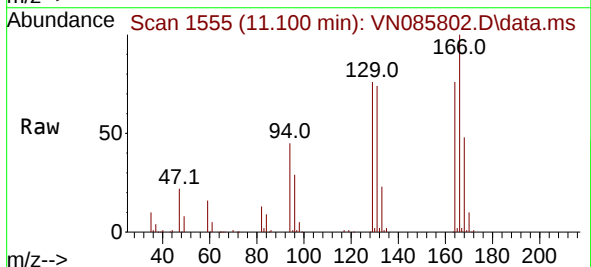
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

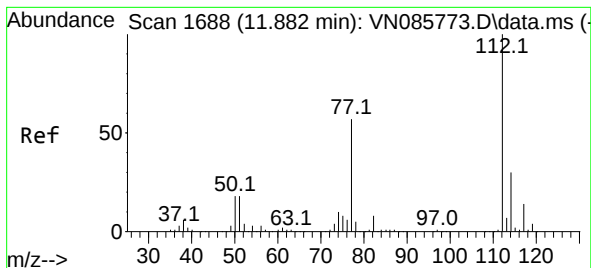
Tgt Ion:117 Resp: 396190
Ion Ratio Lower Upper
117 100
82 56.0 45.7 68.5
119 31.7 26.2 39.2



#64
Tetrachloroethene
Concen: 47.696 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

Tgt Ion:164 Resp: 146393
Ion Ratio Lower Upper
164 100
166 132.0 107.2 160.8
129 100.6 80.7 121.1
131 98.1 74.6 112.0

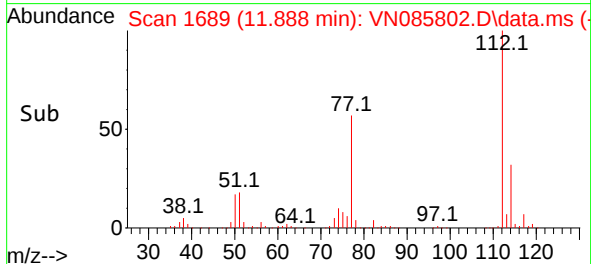
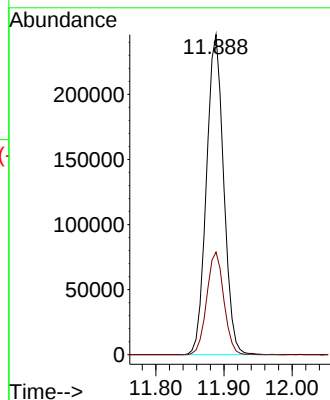
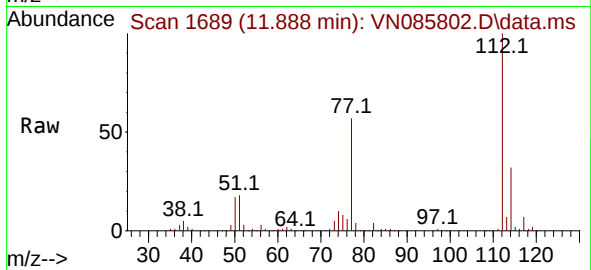




#65
Chlorobenzene
Concen: 47.674 ug/l
RT: 11.888 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

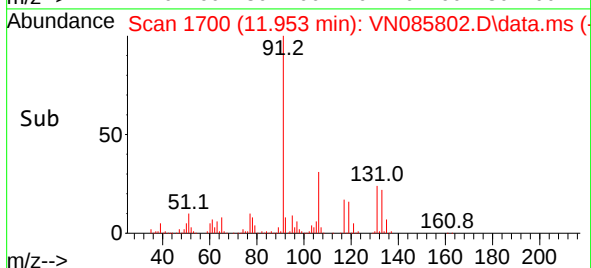
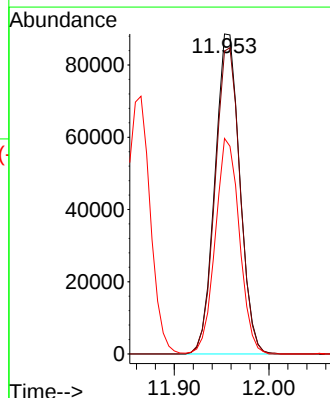
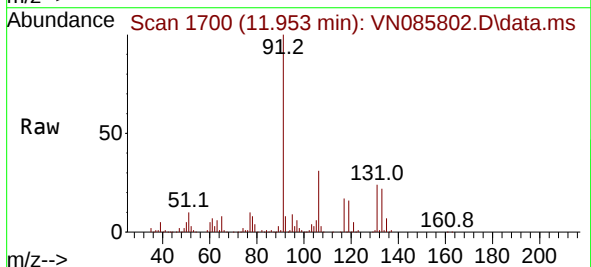
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 432697
Ion Ratio Lower Upper
112 100
114 32.1 24.3 36.5



#66
1,1,1,2-Tetrachloroethane
Concen: 49.567 ug/l
RT: 11.953 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

Tgt Ion:131 Resp: 161700
Ion Ratio Lower Upper
131 100
133 96.4 47.7 143.1
119 65.5 33.3 99.8

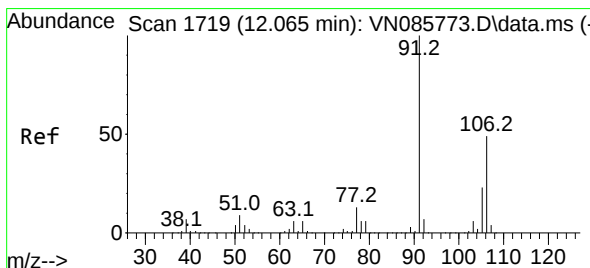
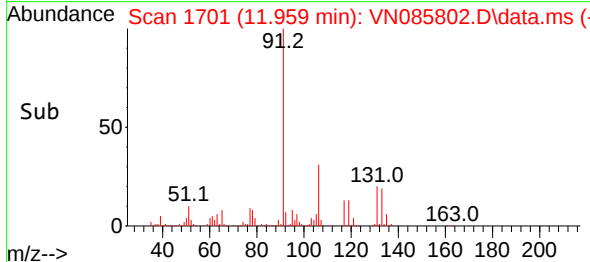
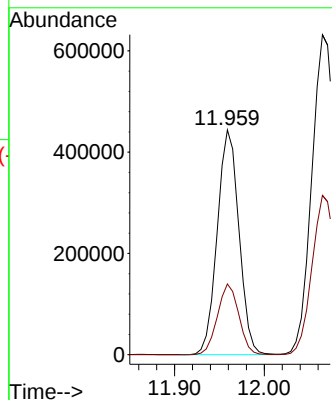
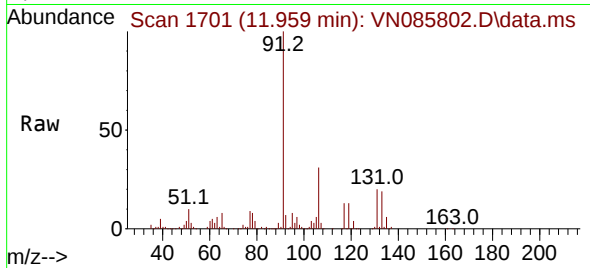




#67
Ethyl Benzene
Concen: 52.454 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

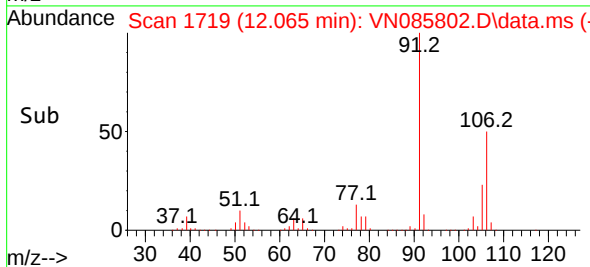
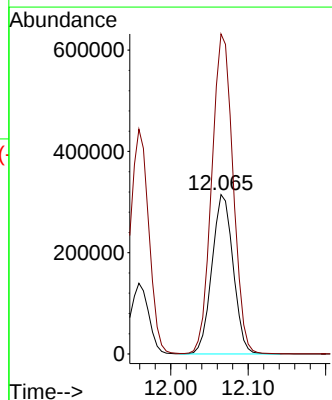
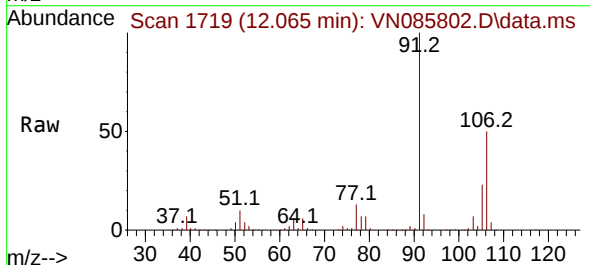
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

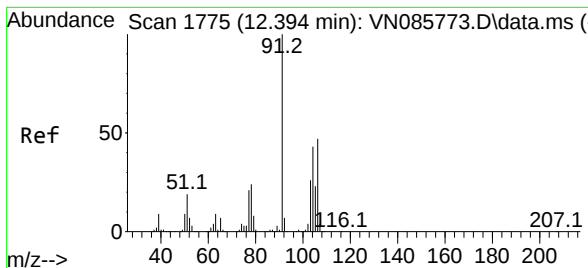
Tgt Ion: 91 Resp: 745749
Ion Ratio Lower Upper
91 100
106 31.4 24.7 37.1



#68
m/p-Xylenes
Concen: 110.662 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

Tgt Ion: 106 Resp: 597619
Ion Ratio Lower Upper
106 100
91 202.1 163.3 244.9





#69

o-Xylene

Concen: 53.212 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN085802.D

Acq: 21 Feb 2025 14:43

Instrument :

MSVOA_N

ClientSampleId :

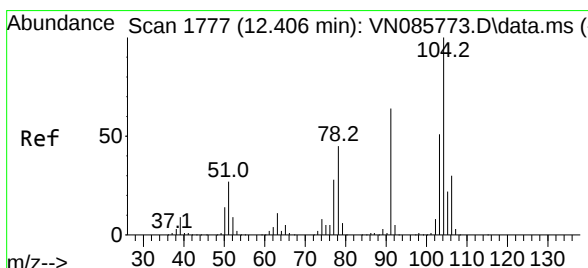
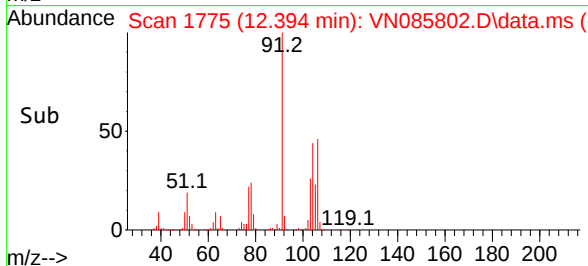
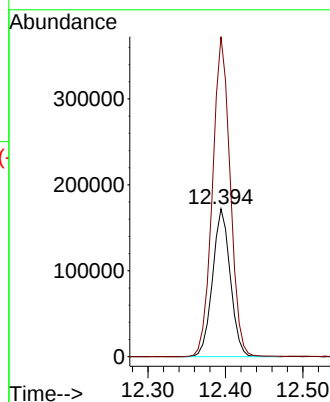
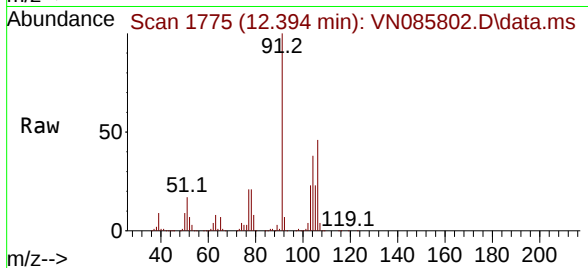
VSTDCCC050

Tgt Ion:106 Resp: 273073

Ion Ratio Lower Upper

106 100

91 217.0 107.1 321.4



#70

Styrene

Concen: 50.919 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VN085802.D

Acq: 21 Feb 2025 14:43

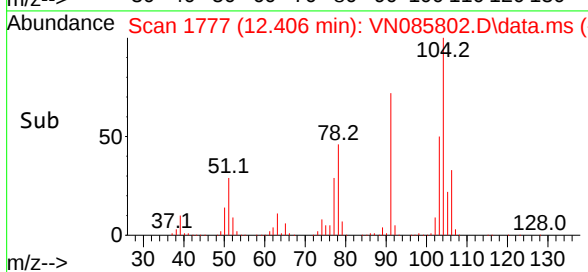
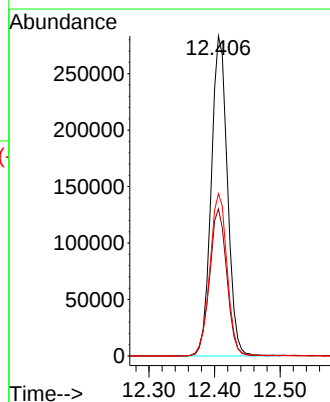
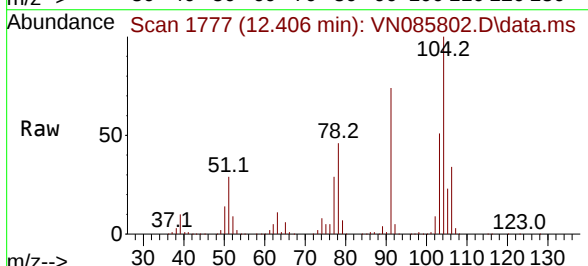
Tgt Ion:104 Resp: 487215

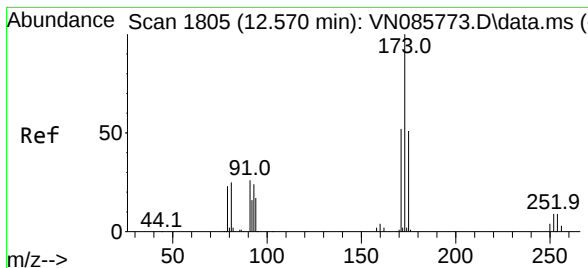
Ion Ratio Lower Upper

104 100

78 48.8 39.0 58.6

103 54.0 43.3 64.9





#71

Bromoform

Concen: 51.697 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.006 min

Lab File: VN085802.D

Acq: 21 Feb 2025 14:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

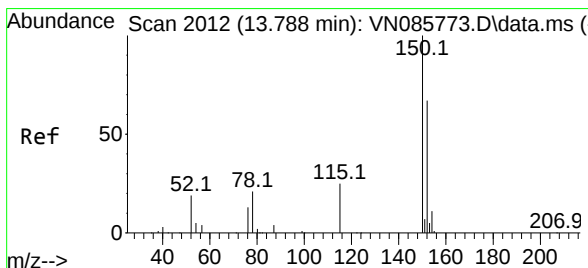
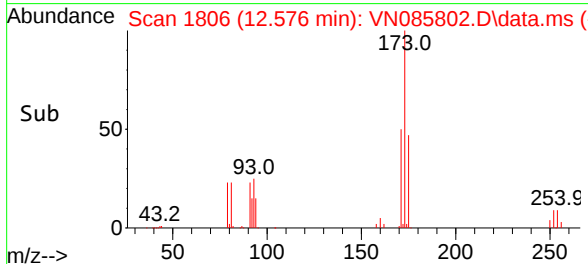
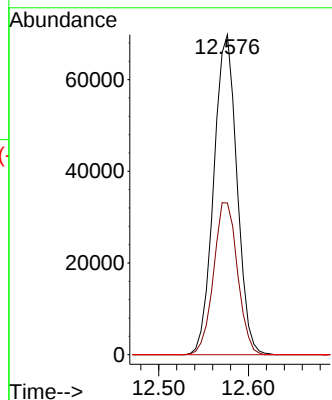
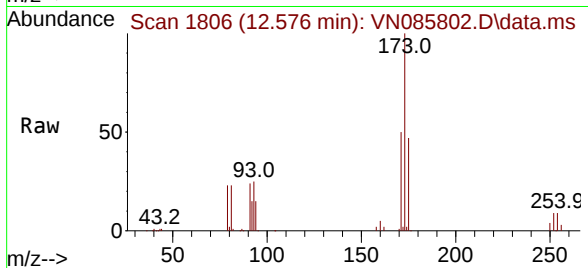
Tgt Ion:173 Resp: 125316

Ion Ratio Lower Upper

173 100

175 49.0 25.1 75.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN085802.D

Acq: 21 Feb 2025 14:43

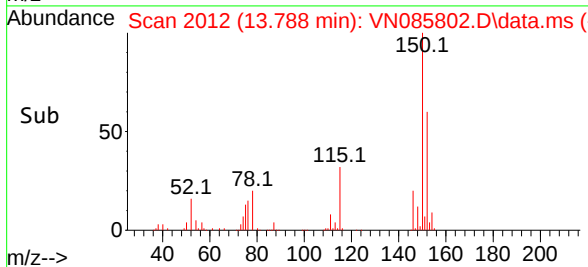
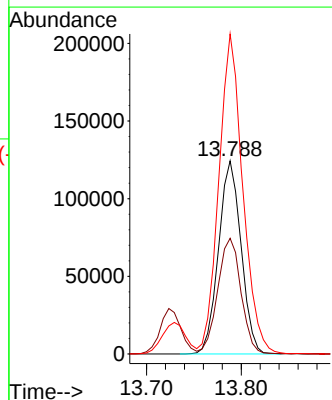
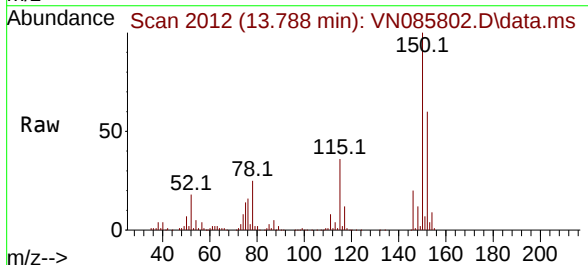
Tgt Ion:152 Resp: 205820

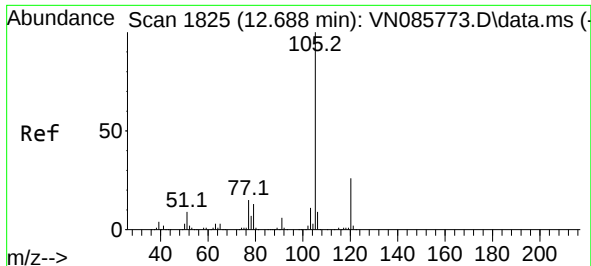
Ion Ratio Lower Upper

152 100

115 62.0 30.4 91.3

150 175.6 0.0 345.4

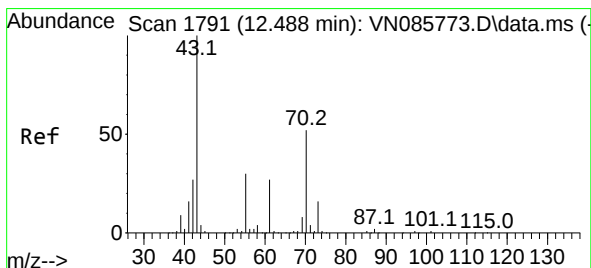
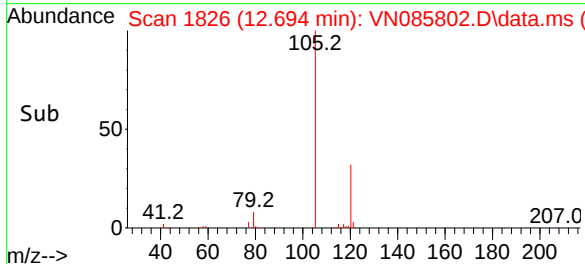
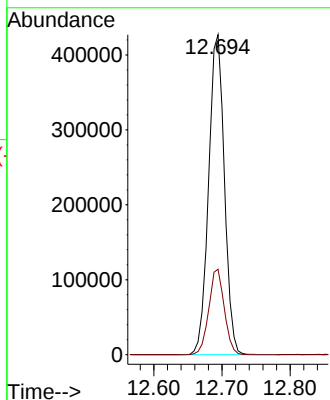
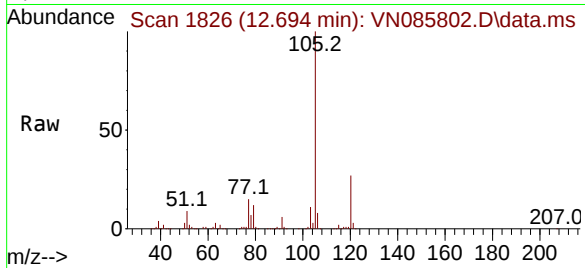




#73
Isopropylbenzene
Concen: 48.729 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

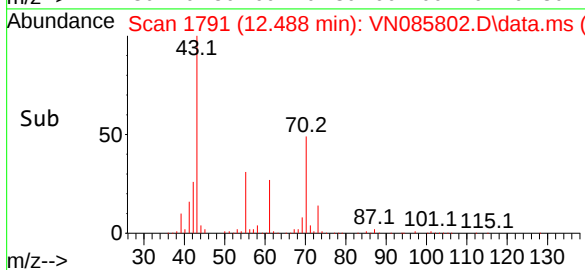
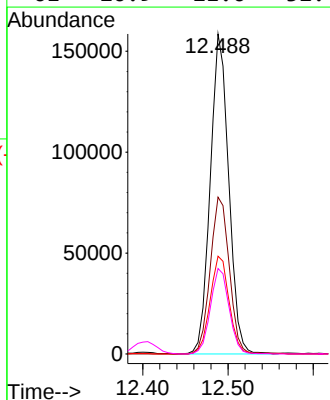
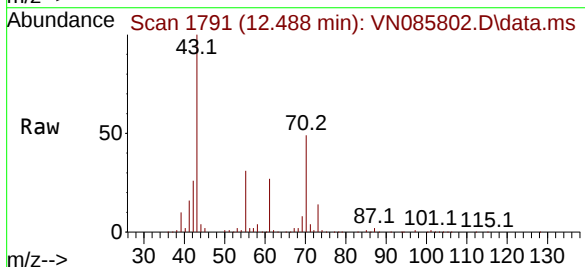
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

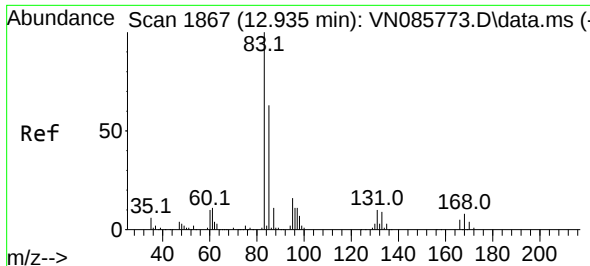
Tgt Ion:105 Resp: 687117
Ion Ratio Lower Upper
105 100
120 26.2 13.0 39.0



#74
N-ethyl acetate
Concen: 48.035 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

Tgt Ion: 43 Resp: 238852
Ion Ratio Lower Upper
43 100
70 50.4 41.0 61.4
55 31.6 24.6 36.8
61 26.9 21.6 32.4

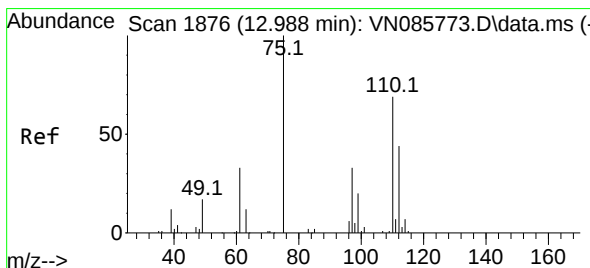
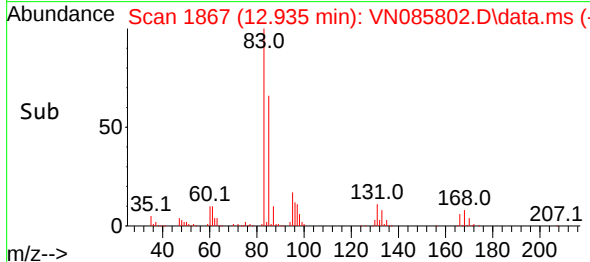
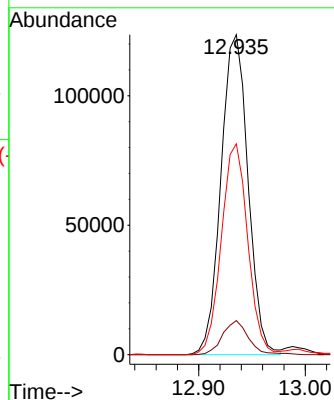
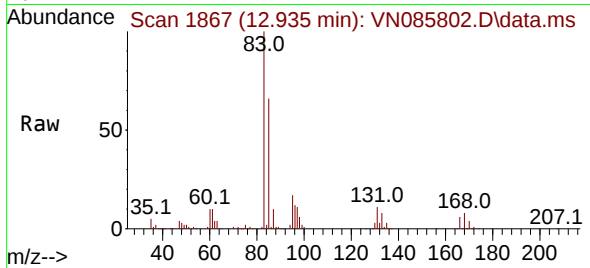




#75
1,1,2,2-Tetrachloroethane
Concen: 45.009 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

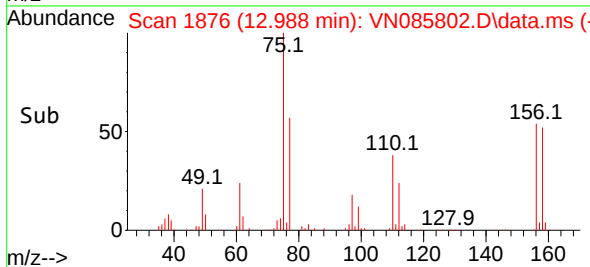
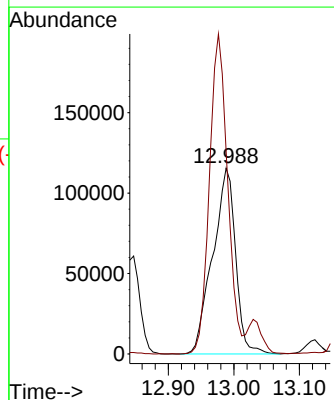
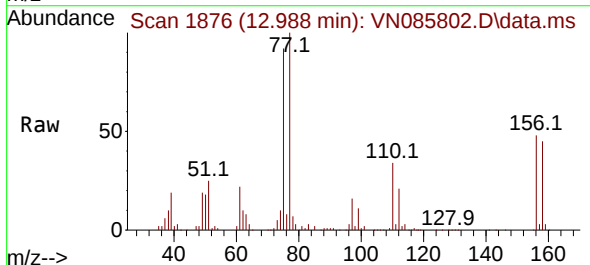
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

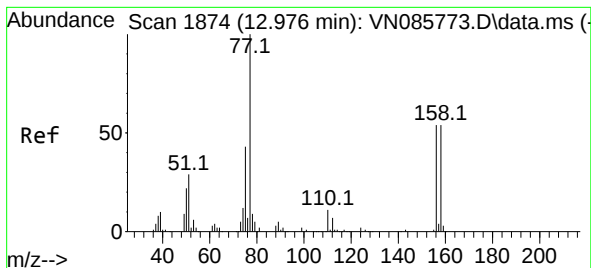
Tgt Ion: 83 Resp: 218392
Ion Ratio Lower Upper
83 100
131 10.2 5.0 15.0
85 64.2 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 61.140 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

Tgt Ion: 75 Resp: 279531
Ion Ratio Lower Upper
75 100
77 136.8 100.0 300.0





#77

Bromobenzene

Concen: 47.546 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN085802.D

Acq: 21 Feb 2025 14:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

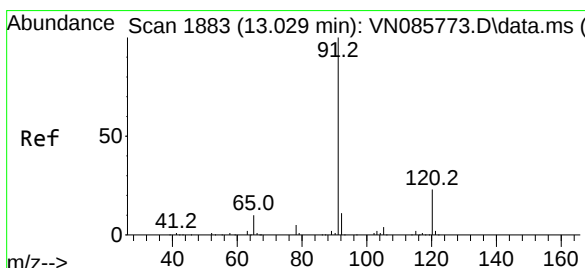
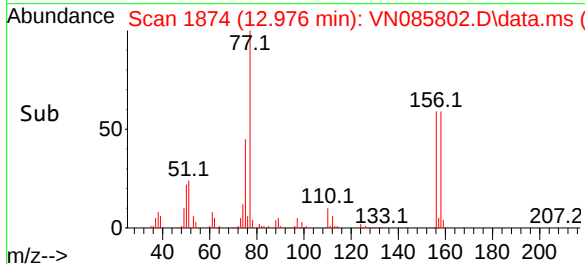
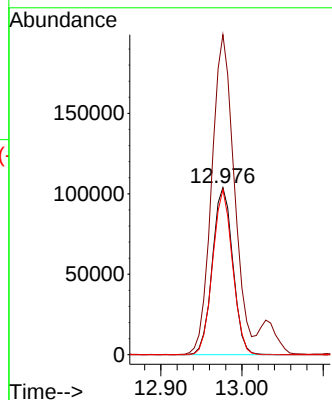
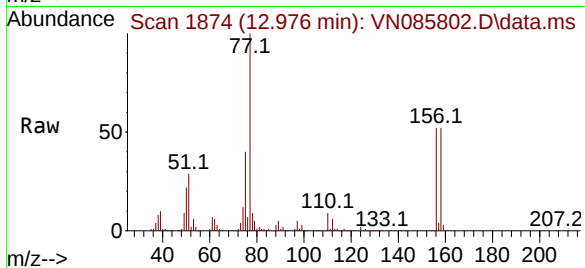
Tgt Ion:156 Resp: 181128

Ion Ratio Lower Upper

156 100

77 211.2 104.1 312.3

158 96.2 48.1 144.4



#78

n-propylbenzene

Concen: 51.982 ug/l

RT: 13.029 min Scan# 1883

Delta R.T. 0.000 min

Lab File: VN085802.D

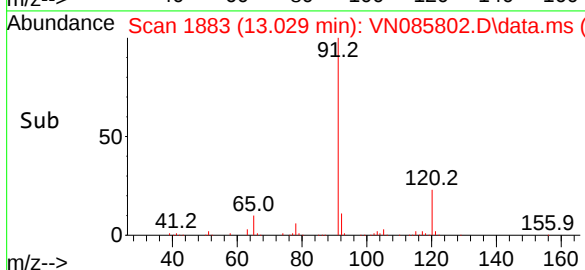
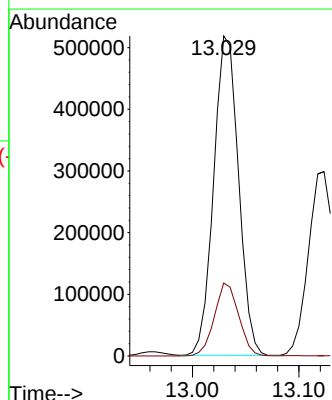
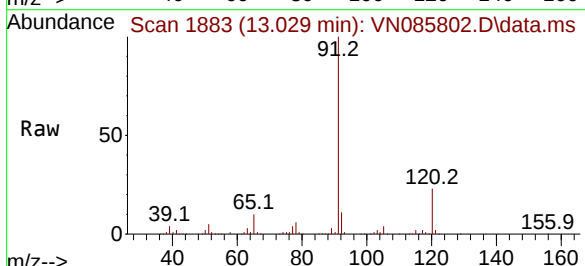
Acq: 21 Feb 2025 14:43

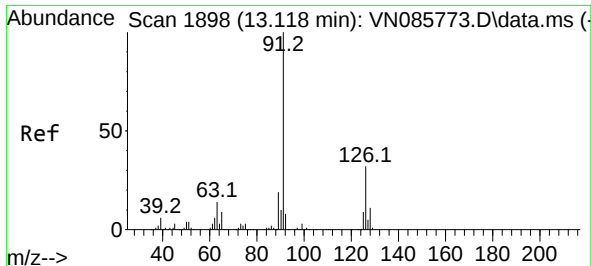
Tgt Ion: 91 Resp: 839429

Ion Ratio Lower Upper

91 100

120 22.3 11.3 33.8

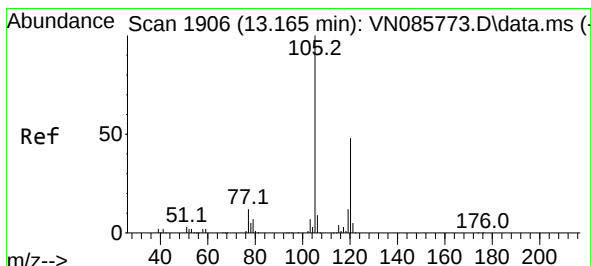
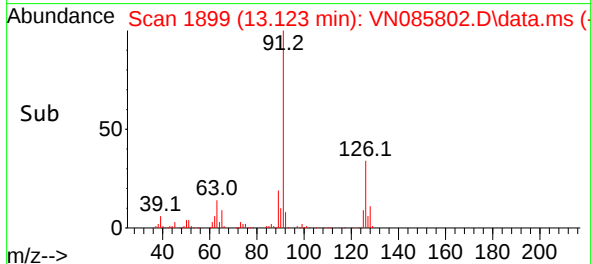
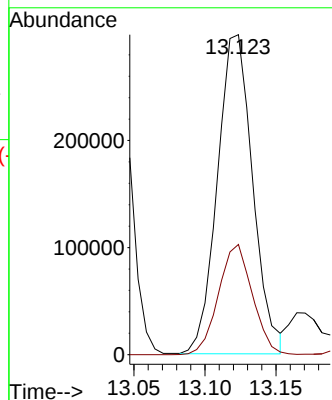
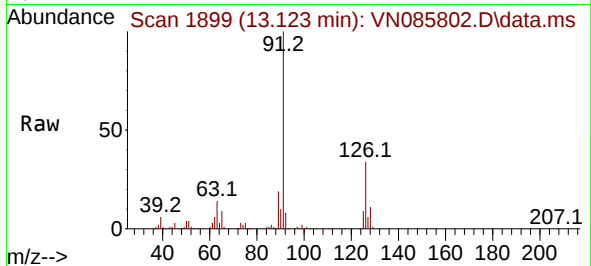




#79
2-Chlorotoluene
Concen: 47.844 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

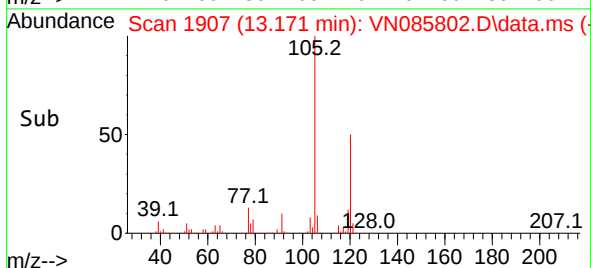
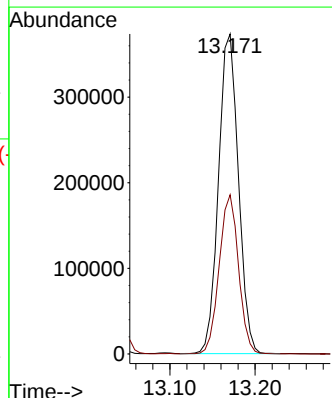
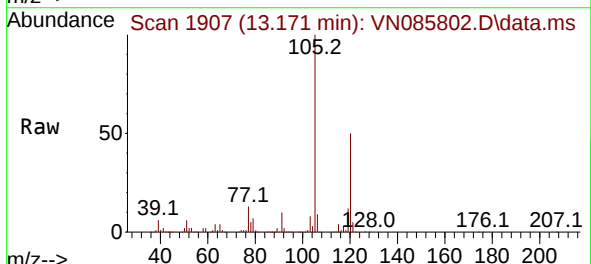
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

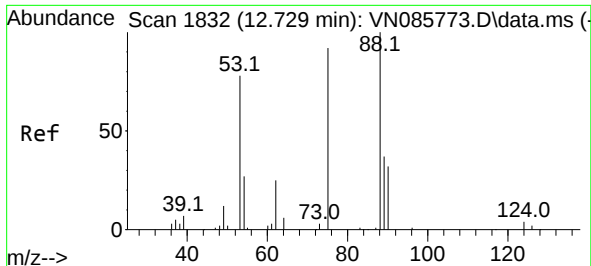
Tgt Ion: 91 Resp: 516214
Ion Ratio Lower Upper
91 100
126 33.2 16.4 49.1



#80
1,3,5-Trimethylbenzene
Concen: 52.706 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

Tgt Ion: 105 Resp: 605400
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.9

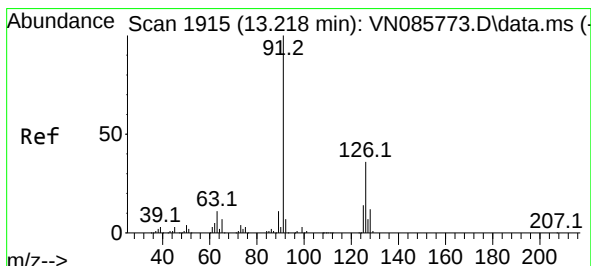
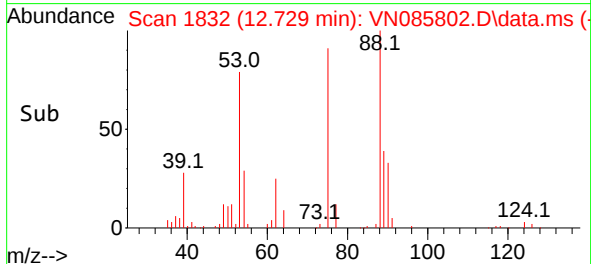
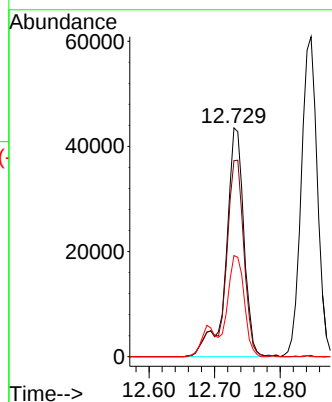
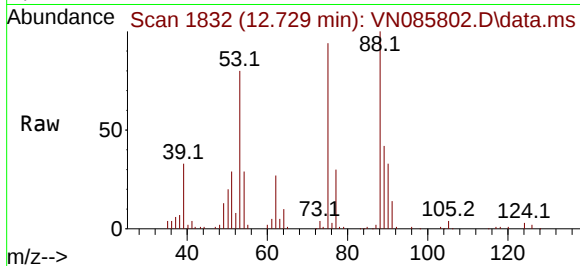




#81
trans-1,4-Dichloro-2-butene
Concen: 52.599 ug/l
RT: 12.729 min Scan# 1832
Delta R.T. 0.000 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

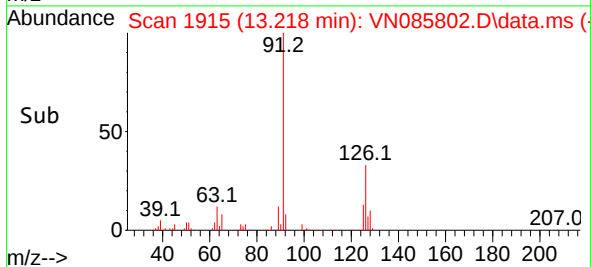
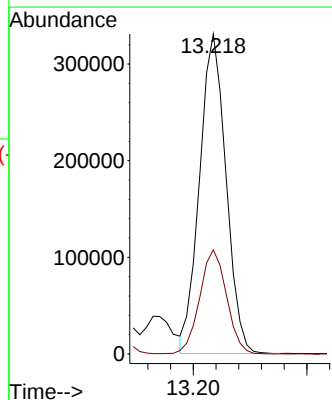
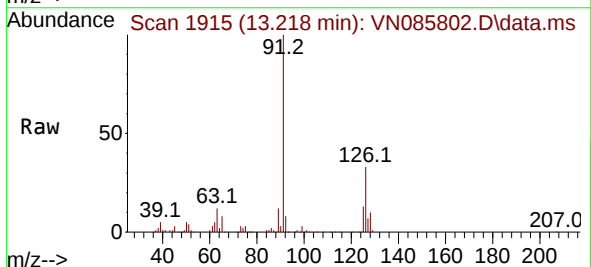
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 82419
Ion Ratio Lower Upper
75 100
53 88.7 74.2 111.4
89 40.7 34.9 52.3



#82
4-Chlorotoluene
Concen: 49.959 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

Tgt Ion: 91 Resp: 534375
Ion Ratio Lower Upper
91 100
126 33.2 16.4 49.4





#83

tert-Butylbenzene

Concen: 50.210 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VN085802.D

Acq: 21 Feb 2025 14:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

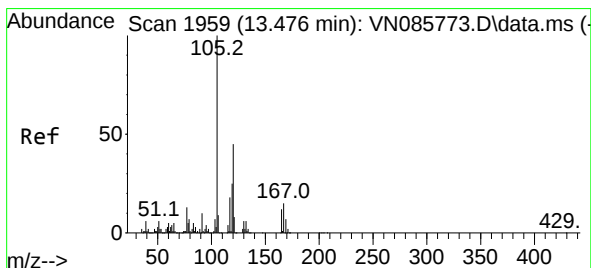
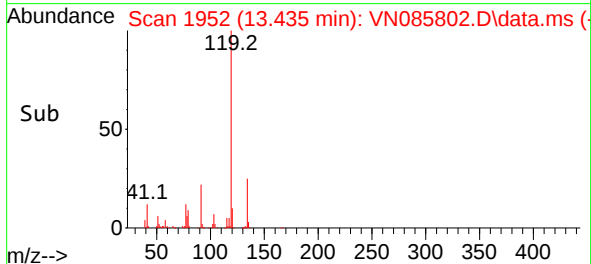
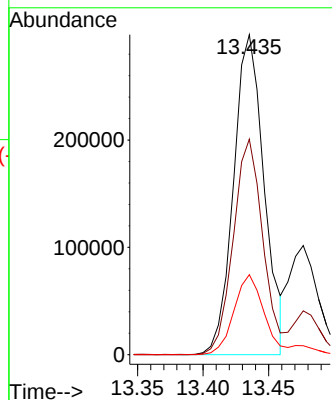
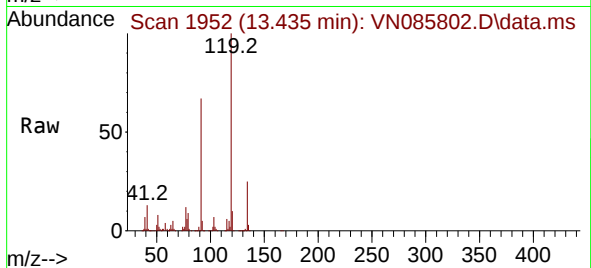
Tgt Ion:119 Resp: 484979

Ion Ratio Lower Upper

119 100

91 66.4 32.5 97.5

134 24.5 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 54.819 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. 0.000 min

Lab File: VN085802.D

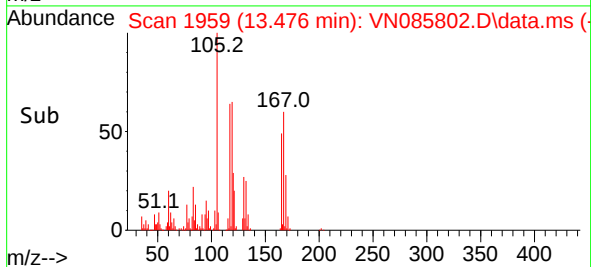
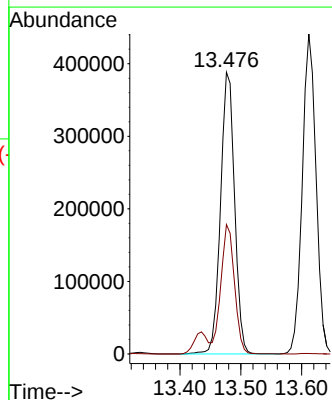
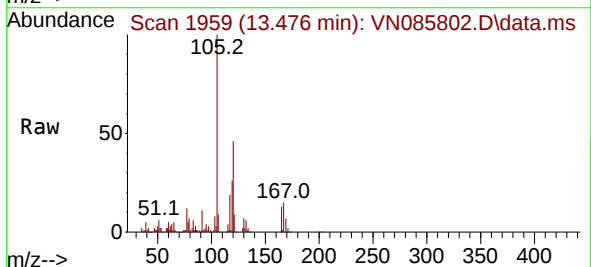
Acq: 21 Feb 2025 14:43

Tgt Ion:105 Resp: 622967

Ion Ratio Lower Upper

105 100

120 45.0 22.4 67.3

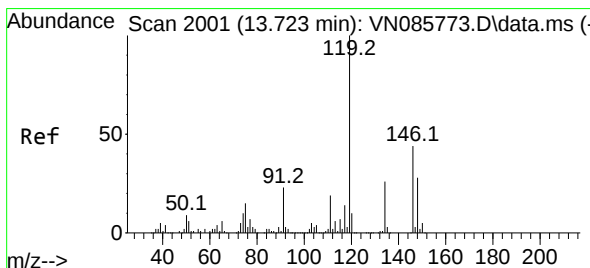
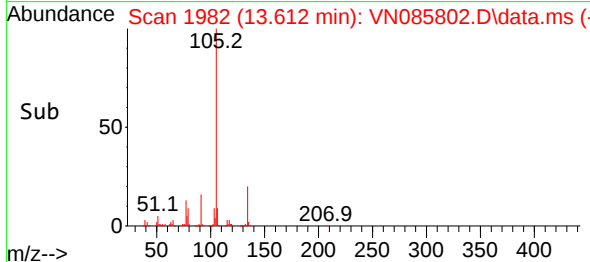
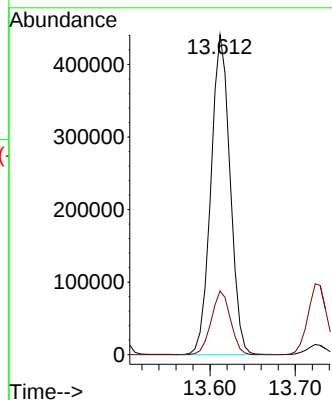
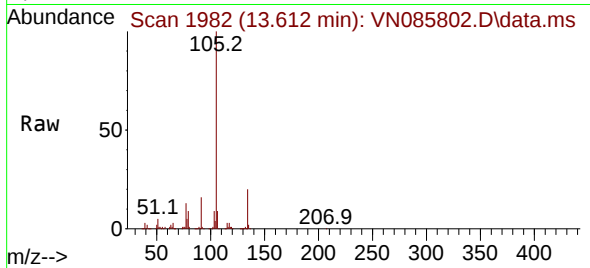




#85
 sec-Butylbenzene
 Concen: 50.607 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085802.D
 Acq: 21 Feb 2025 14:43

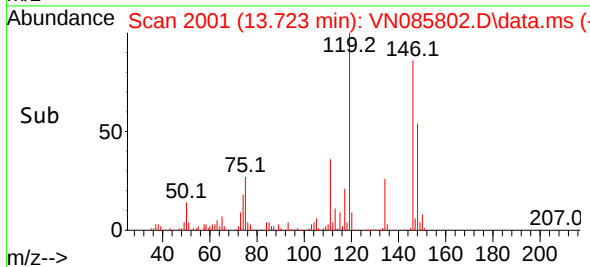
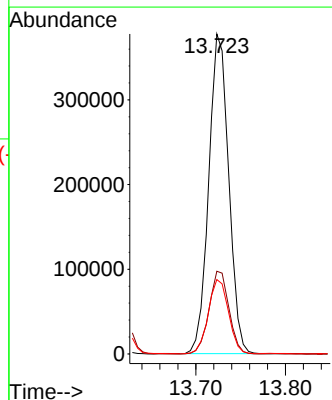
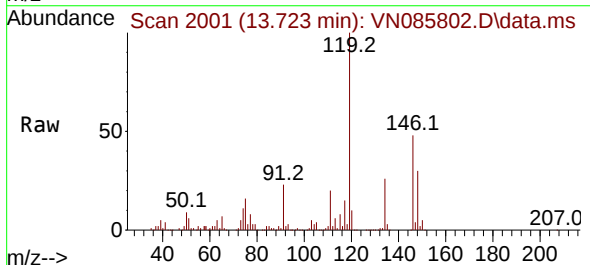
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 690644
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 46.852 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN085802.D
 Acq: 21 Feb 2025 14:43

Tgt Ion:119 Resp: 582438
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 39.0
 91 23.5 11.7 35.1

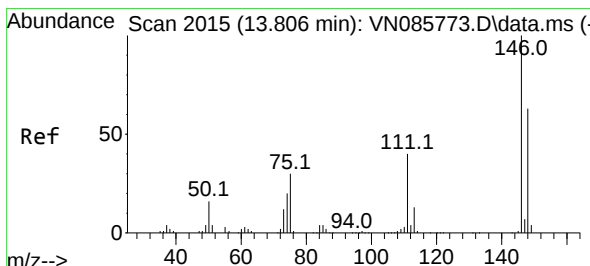
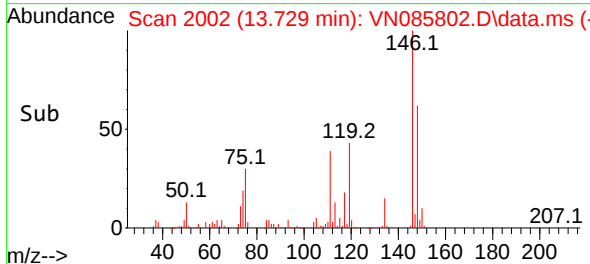
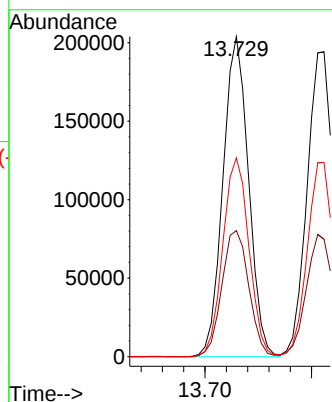
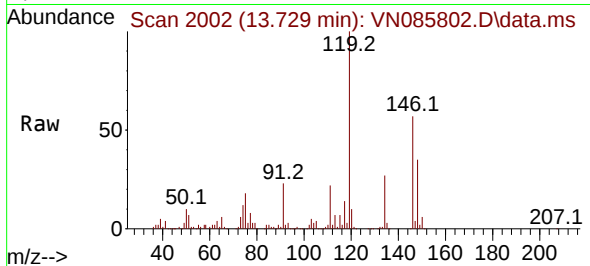




#87
 1,3-Dichlorobenzene
 Concen: 47.622 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN085802.D
 Acq: 21 Feb 2025 14:43

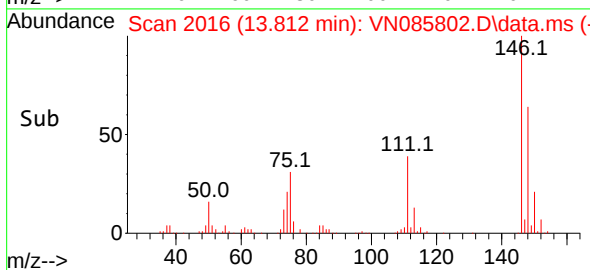
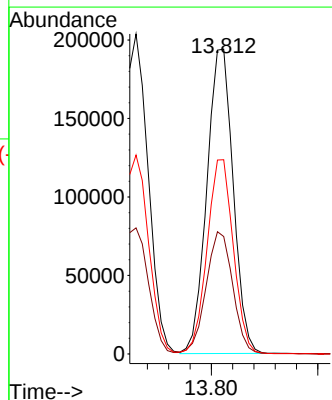
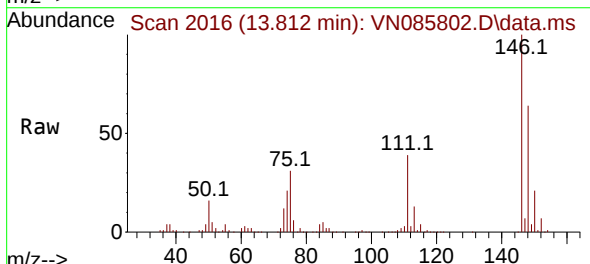
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

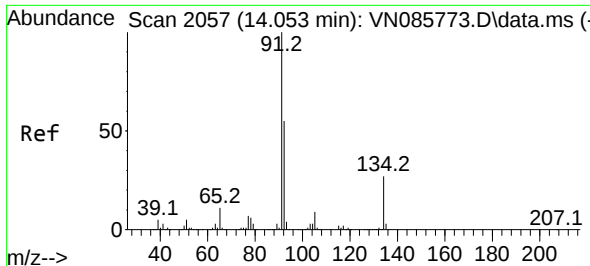
Tgt Ion:146 Resp: 339898
 Ion Ratio Lower Upper
 146 100
 111 41.5 21.1 63.3
 148 63.4 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 45.485 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.006 min
 Lab File: VN085802.D
 Acq: 21 Feb 2025 14:43

Tgt Ion:146 Resp: 332737
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.4 61.3
 148 63.9 31.8 95.4

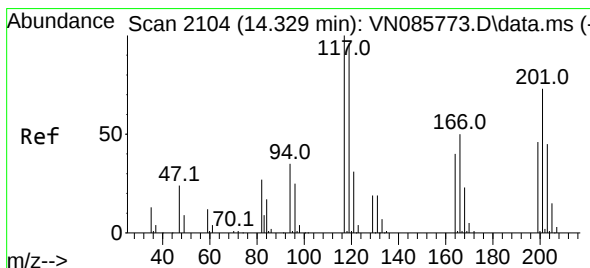
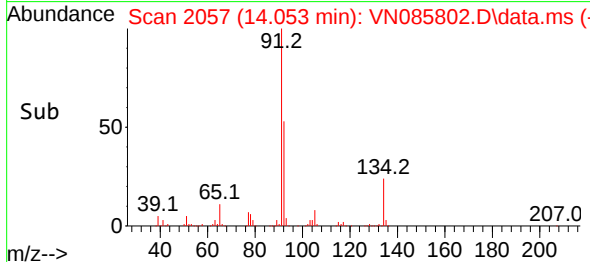
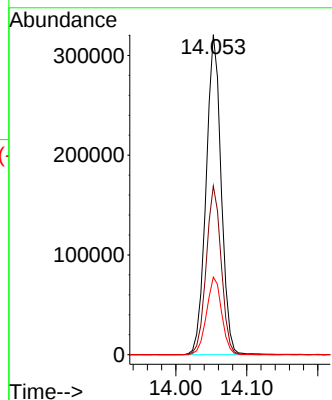
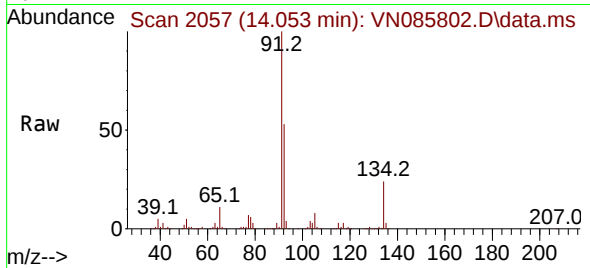




#89
n-Butylbenzene
Concen: 48.935 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

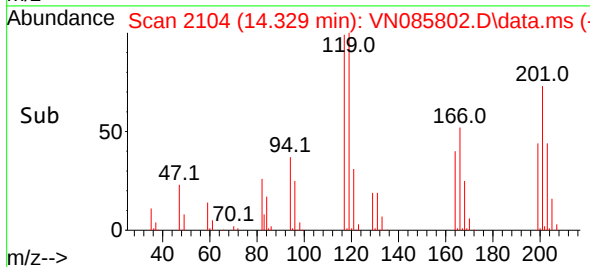
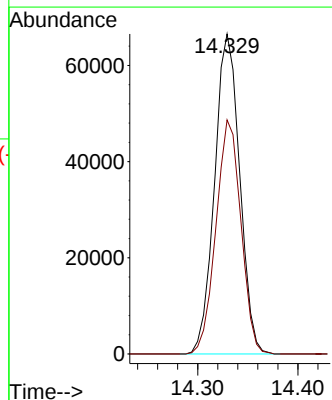
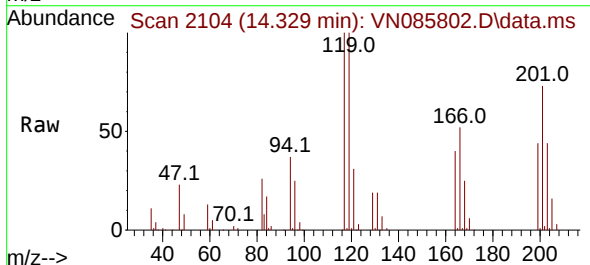
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

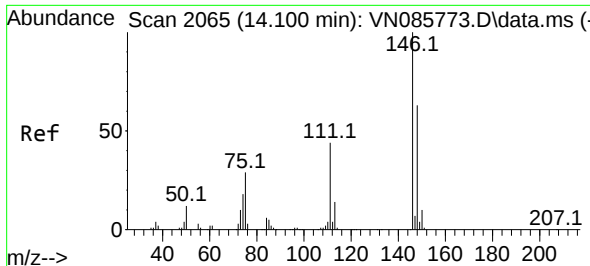
Tgt Ion: 91 Resp: 474150
Ion Ratio Lower Upper
91 100
92 52.3 27.1 81.3
134 24.3 12.7 38.1



#90
Hexachloroethane
Concen: 44.730 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

Tgt Ion: 117 Resp: 115608
Ion Ratio Lower Upper
117 100
201 72.8 35.6 106.9

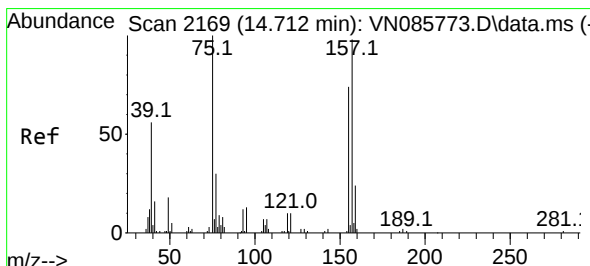
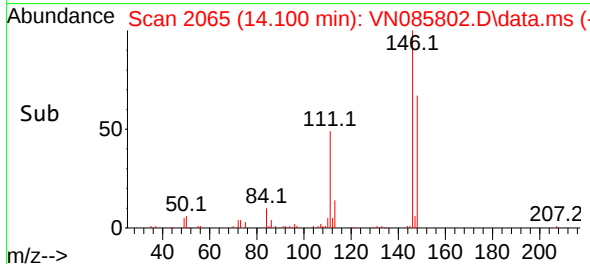
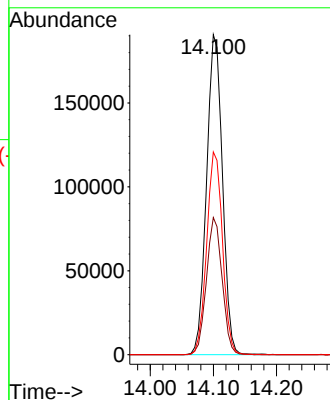
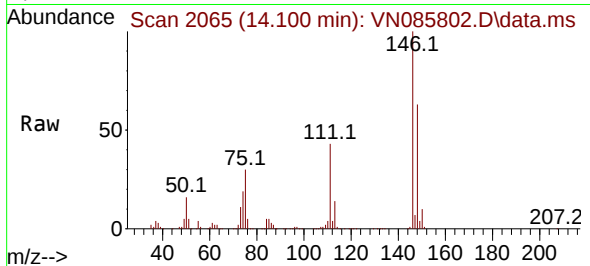




#91
1,2-Dichlorobenzene
Concen: 48.422 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

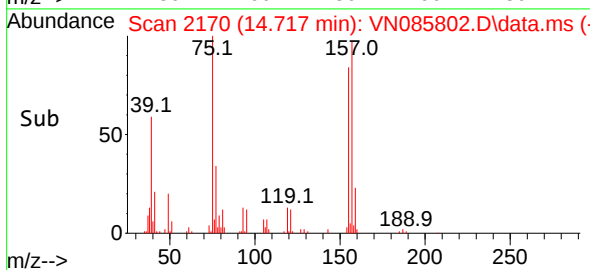
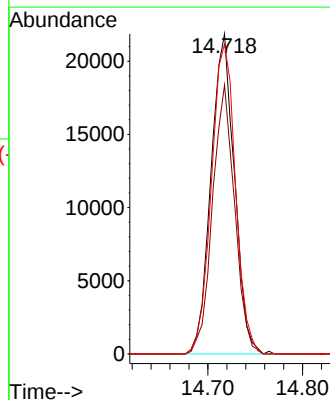
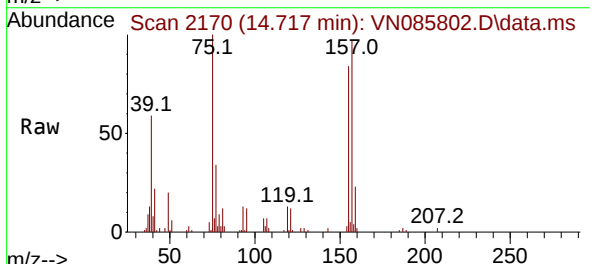
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 332338
Ion Ratio Lower Upper
146 100
111 42.4 21.4 64.3
148 63.0 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 42.108 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

Tgt Ion: 75 Resp: 37518
Ion Ratio Lower Upper
75 100
155 79.5 39.9 119.6
157 99.7 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 45.920 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. 0.000 min

Lab File: VN085802.D

Acq: 21 Feb 2025 14:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

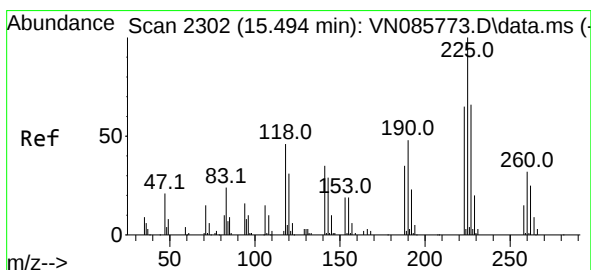
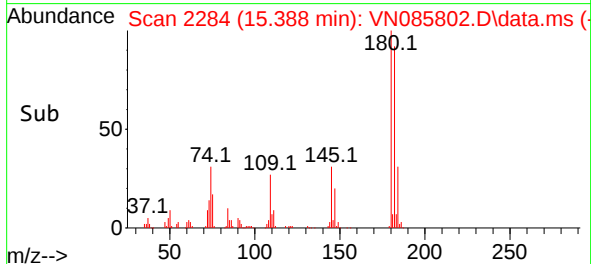
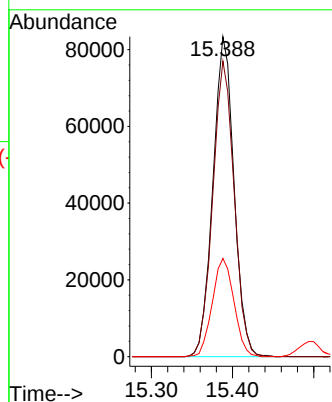
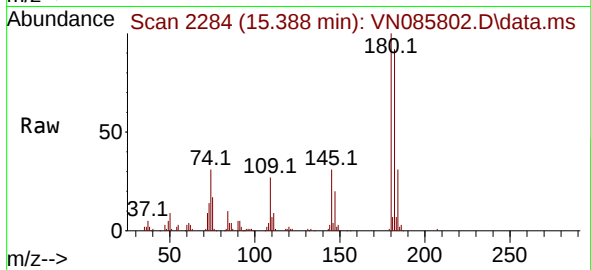
Tgt Ion:180 Resp: 150178

Ion Ratio Lower Upper

180 100

182 93.9 47.3 141.9

145 31.6 16.2 48.5



#94

Hexachlorobutadiene

Concen: 40.020 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. 0.000 min

Lab File: VN085802.D

Acq: 21 Feb 2025 14:43

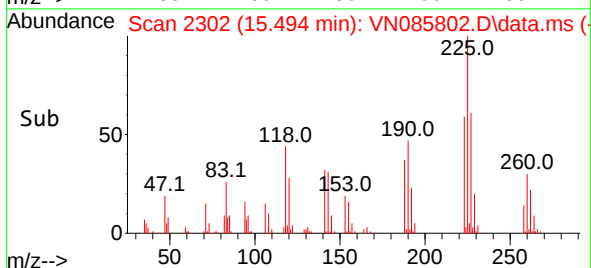
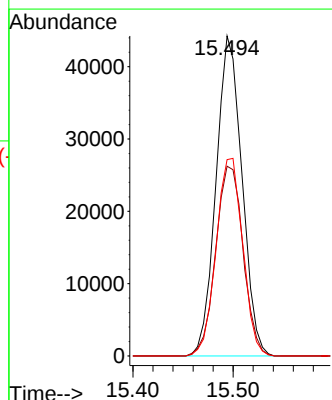
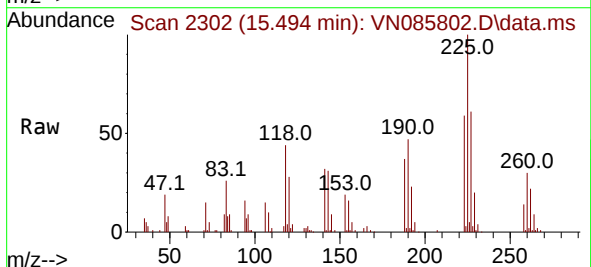
Tgt Ion:225 Resp: 79544

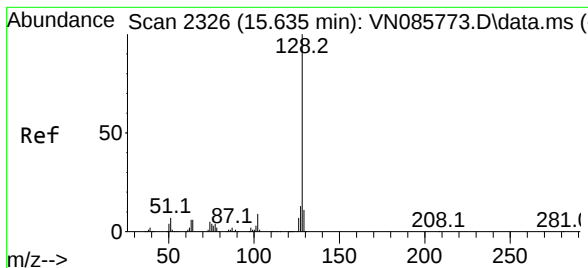
Ion Ratio Lower Upper

225 100

223 62.7 31.9 95.5

227 63.3 32.2 96.6

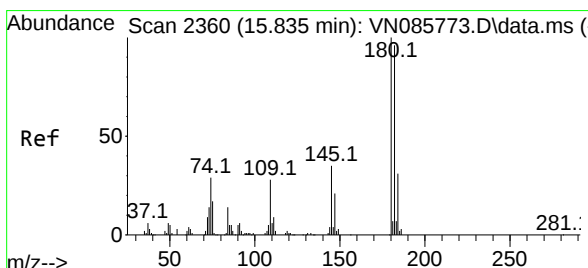
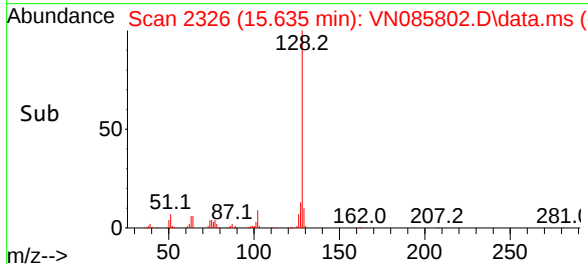
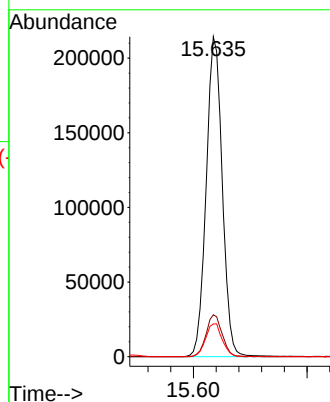
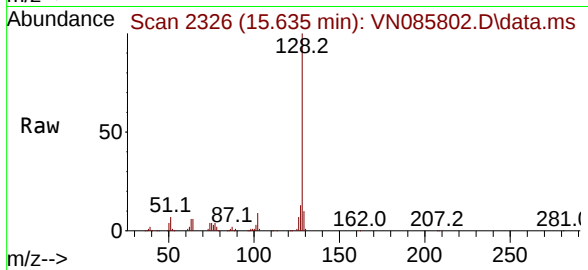




#95
Naphthalene
Concen: 46.695 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 419261
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 44.074 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN085802.D
Acq: 21 Feb 2025 14:43

Tgt Ion:180 Resp: 144709
Ion Ratio Lower Upper
180 100
182 97.2 47.3 141.8
145 33.9 16.9 50.6

