

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
 Data File : VN086280.D
 Acq On : 15 Apr 2025 13:09
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Apr 16 03:57:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 03:42:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	217195	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	404366	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	355626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	158232	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	61458	19.513	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	39.020%#
35) Dibromofluoromethane	8.165	113	37195	19.819	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	39.640%#
50) Toluene-d8	10.565	98	191691	19.112	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	38.220%#
62) 4-Bromofluorobenzene	12.847	95	68030	18.596	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	37.200%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	54177	21.042	ug/l	99
3) Chloromethane	2.359	50	71193	19.026	ug/l	98
4) Vinyl Chloride	2.518	62	73472	20.576	ug/l	99
5) Bromomethane	2.959	94	34343	21.382	ug/l	98
6) Chloroethane	3.124	64	47157	19.732	ug/l	99
7) Trichlorofluoromethane	3.501	101	80568	20.369	ug/l	98
8) Diethyl Ether	3.959	74	36034	20.868	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	49252	20.584	ug/l	99
10) Methyl Iodide	4.589	142	55289	21.017	ug/l	99
11) Tert butyl alcohol	5.512	59	61718	107.400	ug/l	97
12) 1,1-Dichloroethene	4.348	96	51127	20.000	ug/l	98
13) Acrolein	4.183	56	28121	95.627	ug/l	99
14) Allyl chloride	5.024	41	89076	19.612	ug/l	99
15) Acrylonitrile	5.712	53	148850	104.781	ug/l	100
16) Acetone	4.424	43	122726	109.479	ug/l	98
17) Carbon Disulfide	4.712	76	149518	19.534	ug/l	100
18) Methyl Acetate	5.024	43	75070	19.857	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	191056	20.332	ug/l	97
20) Methylene Chloride	5.277	84	58230	19.999	ug/l	98
21) trans-1,2-Dichloroethene	5.789	96	53894	20.165	ug/l	99
22) Diisopropyl ether	6.671	45	196831	19.911	ug/l	98
23) Vinyl Acetate	6.600	43	792438	114.699	ug/l	100
24) 1,1-Dichloroethane	6.565	63	104777	20.087	ug/l	99
25) 2-Butanone	7.477	43	202298	103.191	ug/l	99
26) 2,2-Dichloropropane	7.489	77	94147	20.159	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	66347	20.001	ug/l	99
28) Bromochloromethane	7.812	49	40391	18.263	ug/l	100
29) Tetrahydrofuran	7.836	42	136348	104.008	ug/l	99
30) Chloroform	7.965	83	103881	20.274	ug/l	100
31) Cyclohexane	8.253	56	101546	19.895	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	89173	20.344	ug/l	97
36) 1,1-Dichloropropene	8.365	75	75426	20.122	ug/l	99
37) Ethyl Acetate	7.553	43	79383	20.115	ug/l	99
38) Carbon Tetrachloride	8.359	117	72704	20.367	ug/l	99
39) Methylcyclohexane	9.594	83	88728	19.915	ug/l	98
40) Benzene	8.600	78	243918	20.310	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	45760	20.007	ug/l	100
42) 1,2-Dichloroethane	8.665	62	77932	20.348	ug/l	100
43) Isopropyl Acetate	8.683	43	157753	20.921	ug/l	99
44) Trichloroethene	9.353	130	56926	19.998	ug/l	99
45) 1,2-Dichloropropane	9.618	63	59599	20.273	ug/l	98
46) Dibromomethane	9.706	93	38601	20.608	ug/l	98
47) Bromodichloromethane	9.888	83	82517	20.397	ug/l	98
48) Methyl methacrylate	9.677	41	69986	20.195	ug/l	99
49) 1,4-Dioxane	9.694	88	24362	413.277	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	421471	104.297	ug/l	100
52) Toluene	10.630	92	152248	20.317	ug/l	99
53) t-1,3-Dichloropropene	10.830	75	92441	20.470	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	100415	20.245	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	53630	19.891	ug/l	97
56) Ethyl methacrylate	10.871	69	100712	20.321	ug/l	99
57) 1,3-Dichloropropane	11.159	76	97363	20.353	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	222766	94.702	ug/l	100
59) 2-Hexanone	11.194	43	309954	103.408	ug/l	100
60) Dibromochloromethane	11.359	129	60596	20.467	ug/l	100
61) 1,2-Dibromoethane	11.465	107	56679	20.834	ug/l	99
64) Tetrachloroethene	11.100	164	55481	20.282	ug/l	97
65) Chlorobenzene	11.888	112	158917	20.024	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	52389	20.010	ug/l	98
67) Ethyl Benzene	11.959	91	288483	20.144	ug/l	99
68) m/p-Xylenes	12.071	106	215301	40.122	ug/l	99
69) o-Xylene	12.394	106	107161	20.193	ug/l	99
70) Styrene	12.406	104	177099	20.029	ug/l	99
71) Bromoform	12.576	173	39697	20.138	ug/l #	98
73) Isopropylbenzene	12.694	105	264607	20.443	ug/l	99
74) N-amyl acetate	12.488	43	126575	19.643	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	76740	20.620	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	109954	29.579	ug/l	56
77) Bromobenzene	12.976	156	59889	20.882	ug/l	99
78) n-propylbenzene	13.029	91	307737	20.176	ug/l	100
79) 2-Chlorotoluene	13.124	91	193569	20.281	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	216364	20.423	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	34349	22.094	ug/l	90
82) 4-Chlorotoluene	13.218	91	192849	20.341	ug/l	99
83) tert-Butylbenzene	13.435	119	182683	19.901	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	217135	20.135	ug/l	100
85) sec-Butylbenzene	13.612	105	252593	19.838	ug/l	99
86) p-Isopropyltoluene	13.723	119	208256	19.844	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	107491	19.938	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	108412	19.964	ug/l	99
89) n-Butylbenzene	14.053	91	184852	19.871	ug/l	99
90) Hexachloroethane	14.329	117	35250	19.968	ug/l	95
91) 1,2-Dichlorobenzene	14.100	146	104185	19.932	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	15863	21.139	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	50179	20.048	ug/l	99
94) Hexachlorobutadiene	15.494	225	19024	20.135	ug/l	99
95) Naphthalene	15.635	128	183816	20.717	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	47425	20.013	ug/l	99

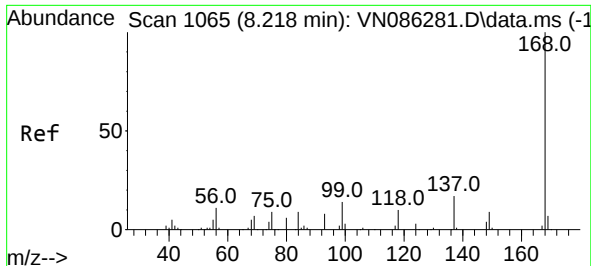
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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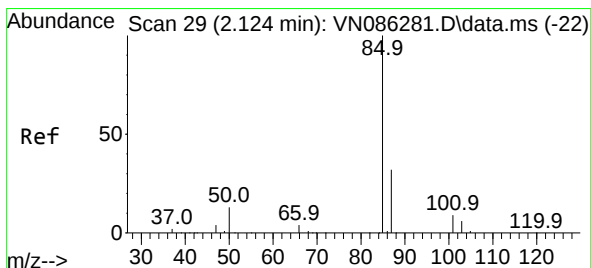
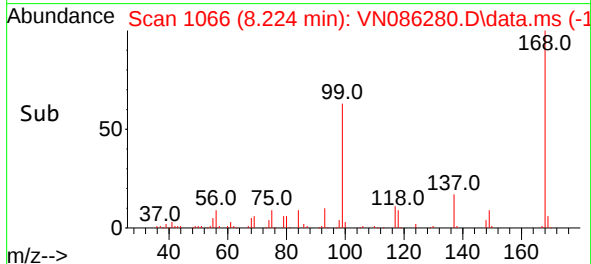
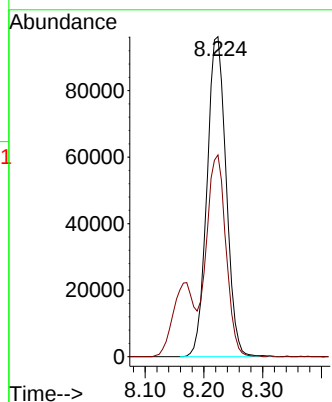
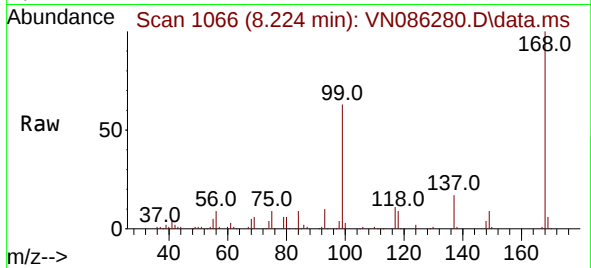
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

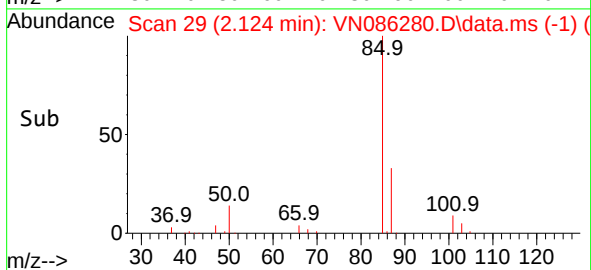
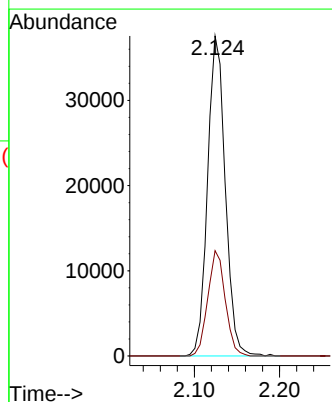
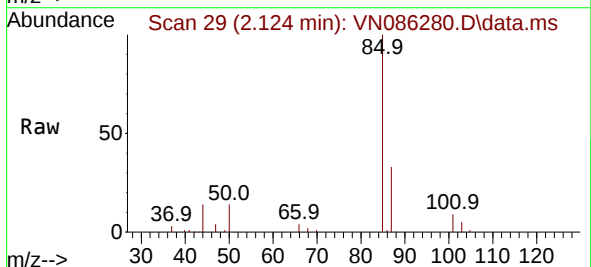
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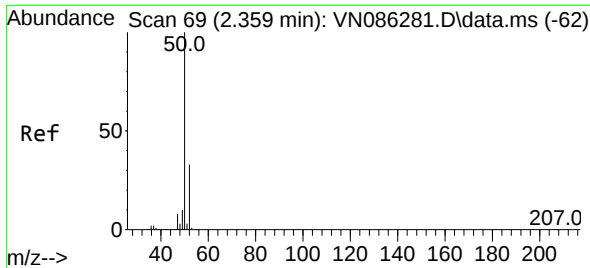
Tgt Ion:168 Resp: 217195
Ion Ratio Lower Upper
168 100
99 63.1 52.5 78.7



#2
Dichlorodifluoromethane
Concen: 21.042 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 85 Resp: 54177
Ion Ratio Lower Upper
85 100
87 32.9 16.3 48.8

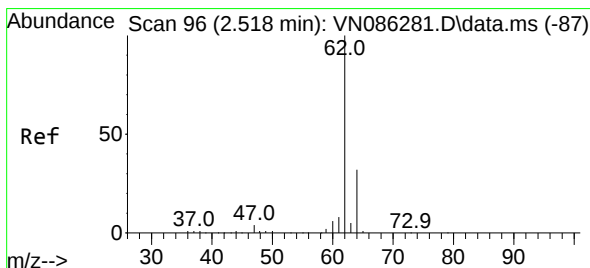
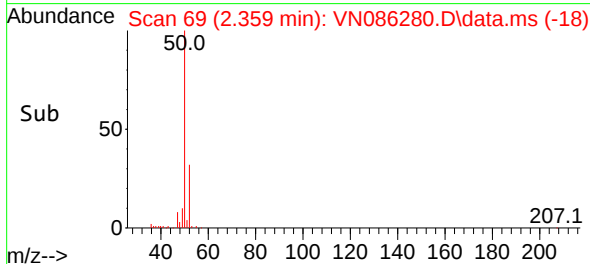
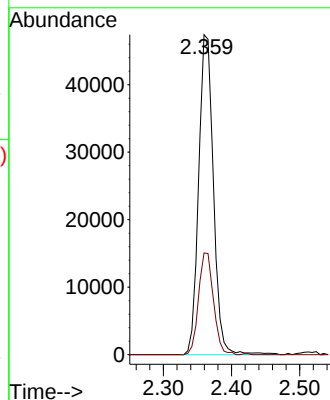
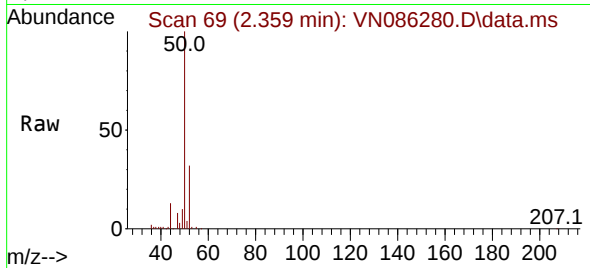




#3
Chloromethane
Concen: 19.026 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

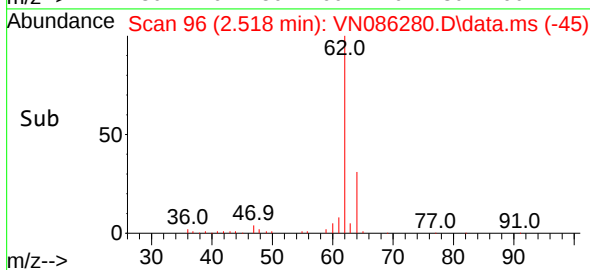
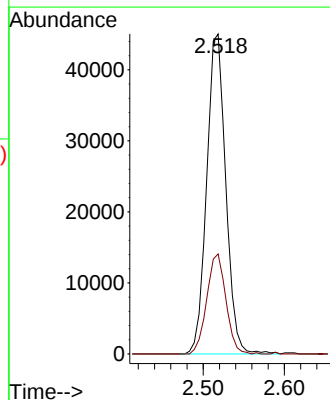
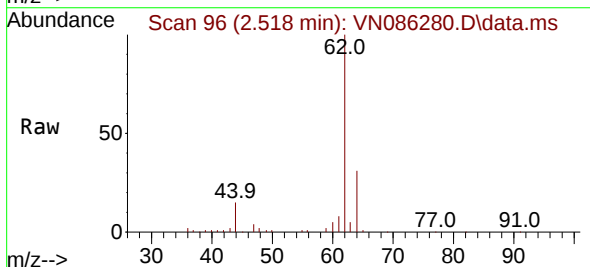
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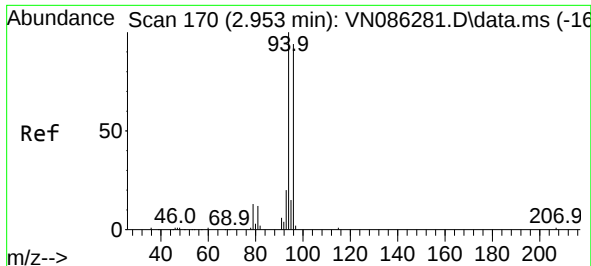
Tgt Ion: 50 Resp: 71193
Ion Ratio Lower Upper
50 100
52 31.8 26.5 39.7



#4
Vinyl Chloride
Concen: 20.576 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 62 Resp: 73472
Ion Ratio Lower Upper
62 100
64 31.2 25.6 38.4

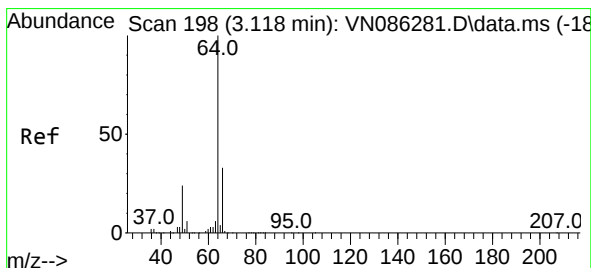
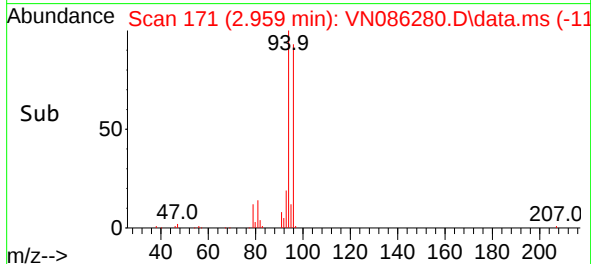
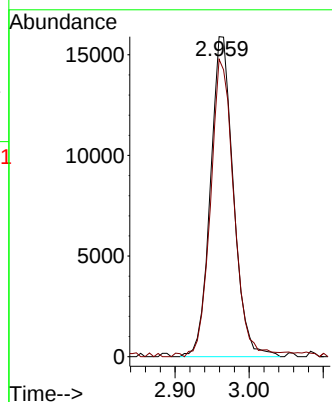
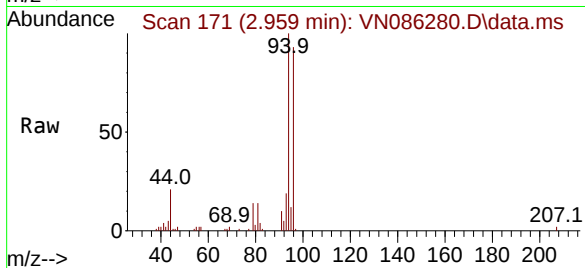




#5
Bromomethane
Concen: 21.382 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

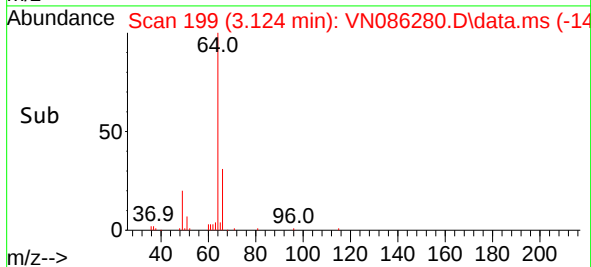
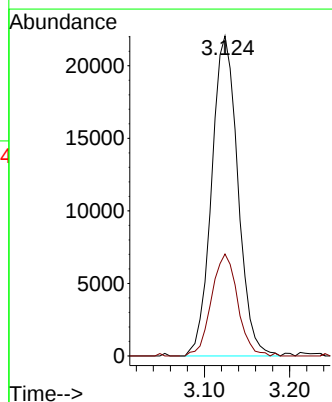
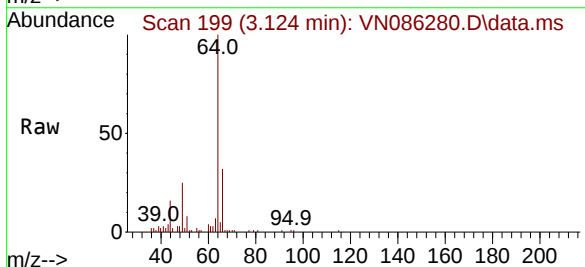
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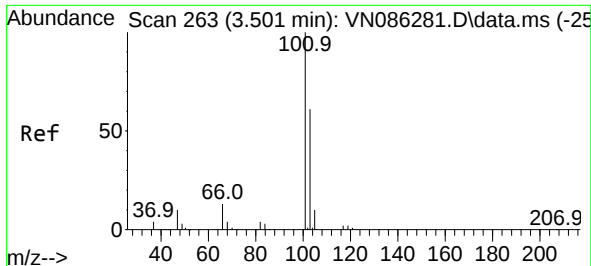
Tgt Ion: 94 Resp: 34343
Ion Ratio Lower Upper
94 100
96 92.0 75.2 112.8



#6
Chloroethane
Concen: 19.732 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 64 Resp: 47157
Ion Ratio Lower Upper
64 100
66 31.9 26.2 39.2

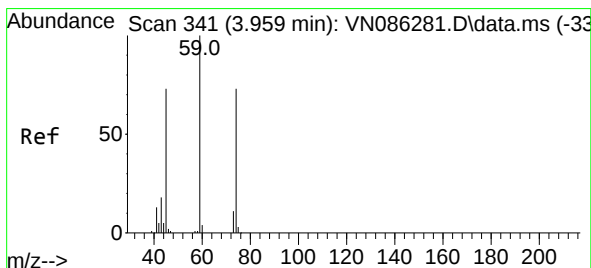
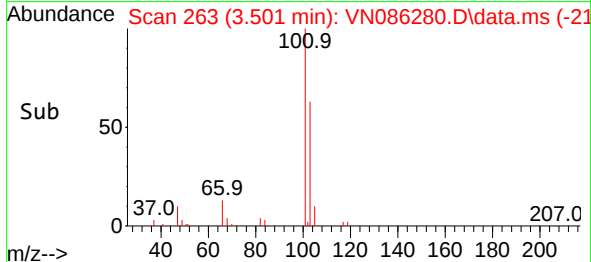
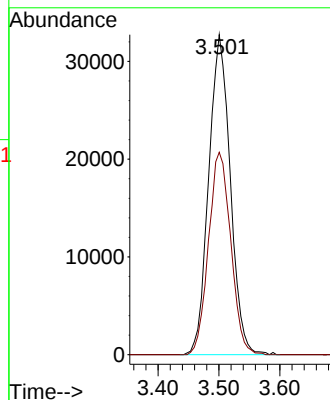
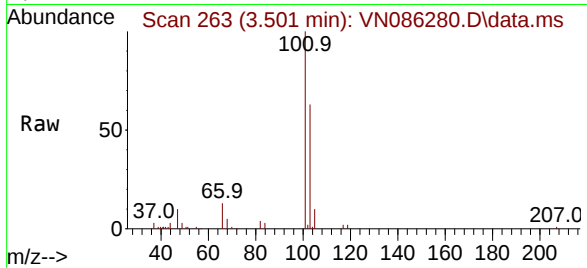




#7
 Trichlorofluoromethane
 Concen: 20.369 ug/l
 RT: 3.501 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN086280.D
 Acq: 15 Apr 2025 13:09

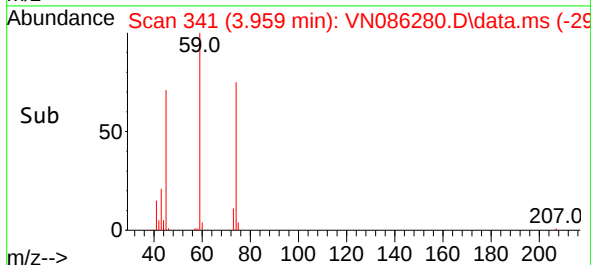
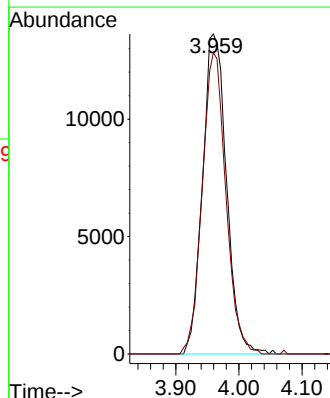
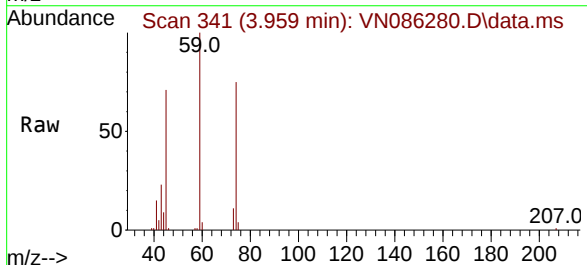
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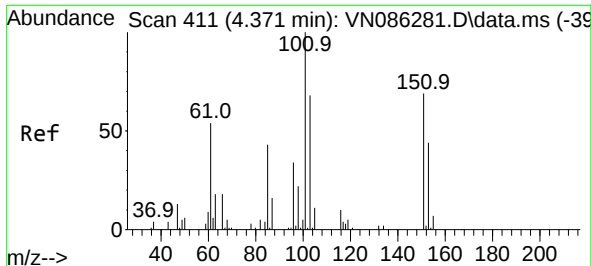
Tgt Ion:101 Resp: 80568
 Ion Ratio Lower Upper
 101 100
 103 63.3 49.2 73.8



#8
 Diethyl Ether
 Concen: 20.868 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN086280.D
 Acq: 15 Apr 2025 13:09

Tgt Ion: 74 Resp: 36034
 Ion Ratio Lower Upper
 74 100
 45 92.5 48.0 144.2

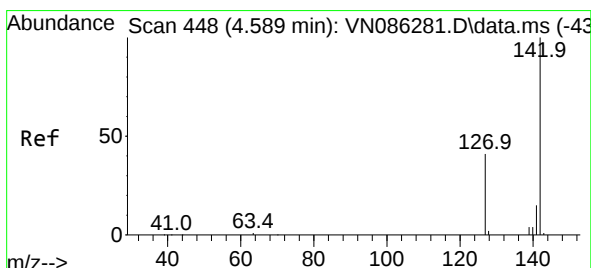
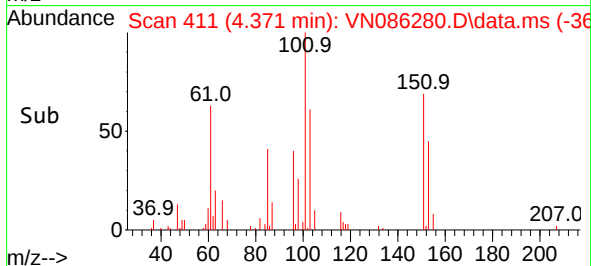
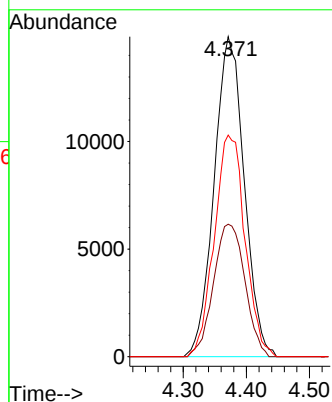
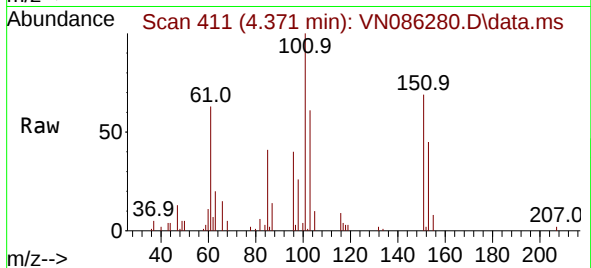




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.584 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

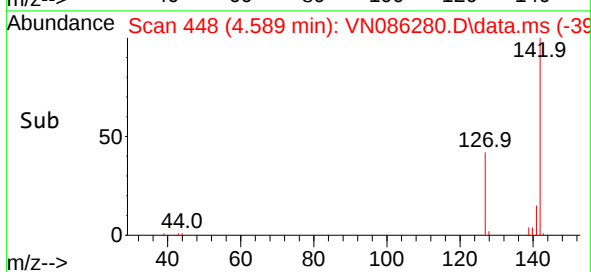
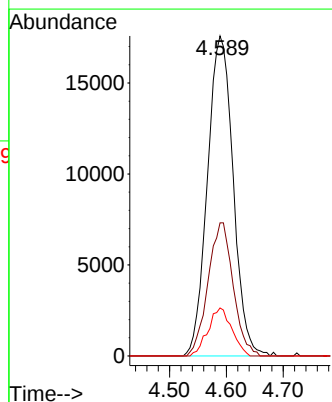
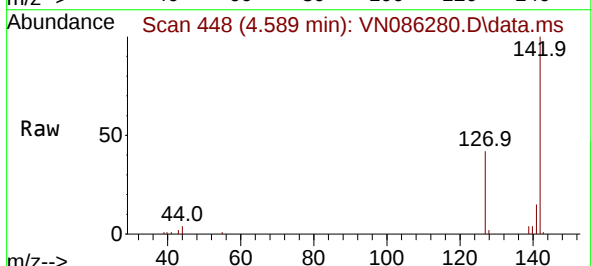
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

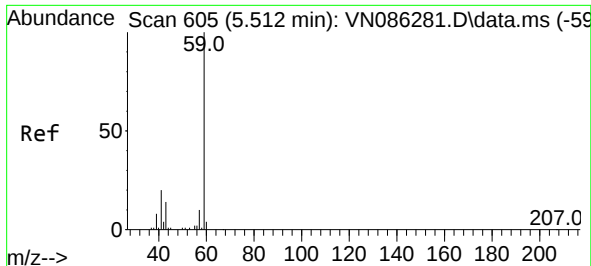
Tgt Ion:101 Resp: 49252
Ion Ratio Lower Upper
101 100
85 43.2 34.7 52.1
151 70.7 56.1 84.1



#10
Methyl Iodide
Concen: 21.017 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion:142 Resp: 55289
Ion Ratio Lower Upper
142 100
127 41.6 32.7 49.1
141 15.0 11.7 17.5

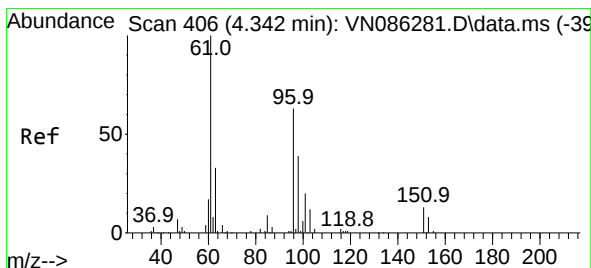
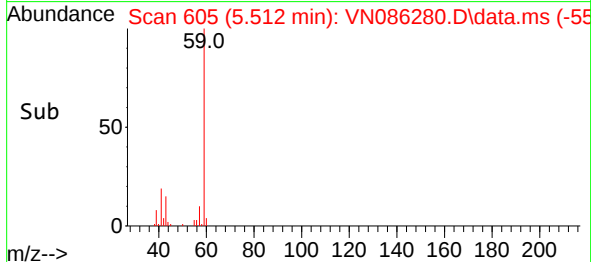
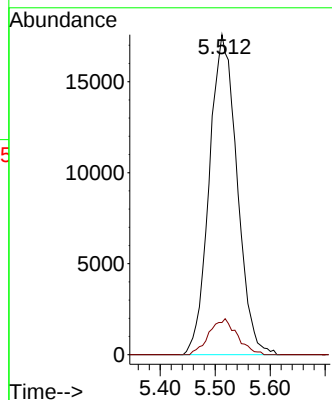
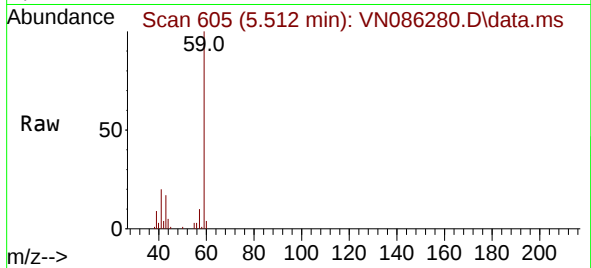




#11
Tert butyl alcohol
Concen: 107.400 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

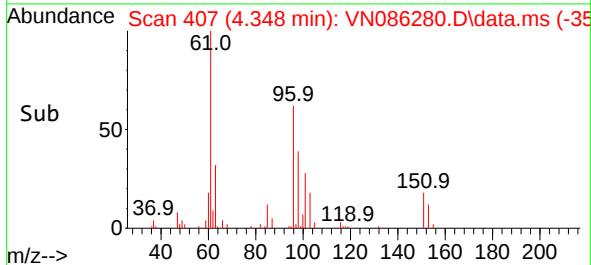
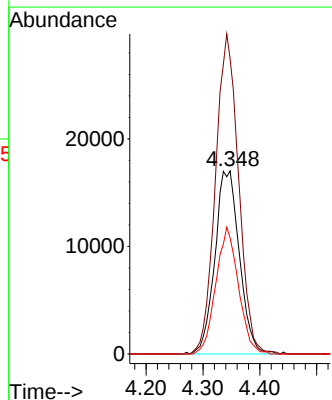
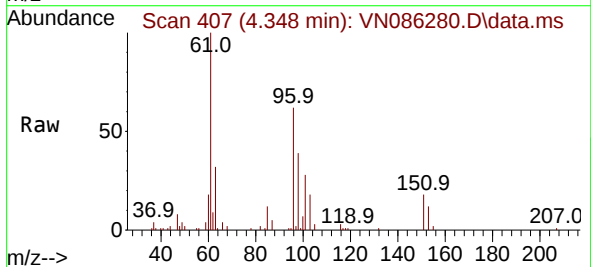
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

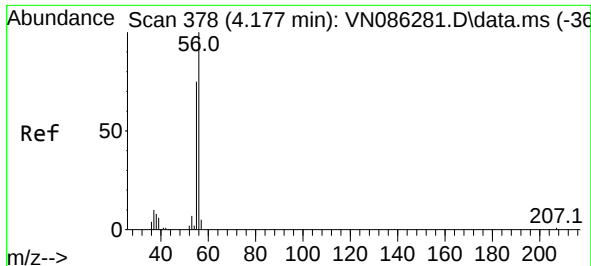
Tgt Ion: 59 Resp: 61718
Ion Ratio Lower Upper
59 100
57 11.4 8.3 12.5



#12
1,1-Dichloroethene
Concen: 20.000 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 96 Resp: 51127
Ion Ratio Lower Upper
96 100
61 161.3 126.6 189.8
98 63.4 49.6 74.4

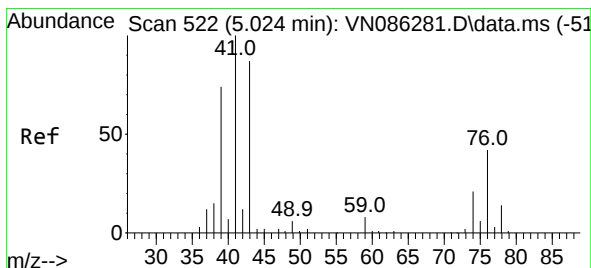
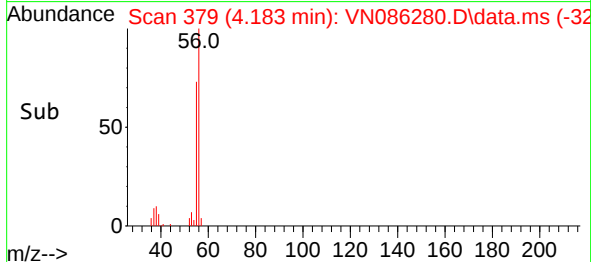
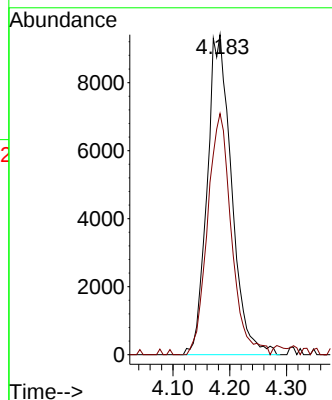
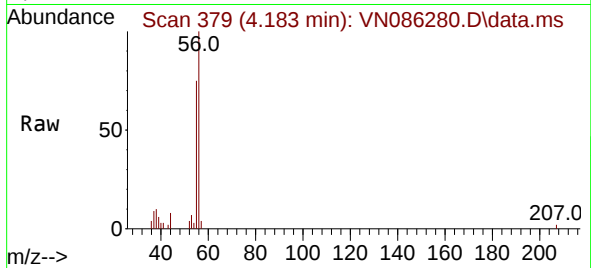




#13
Acrolein
Concen: 95.627 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

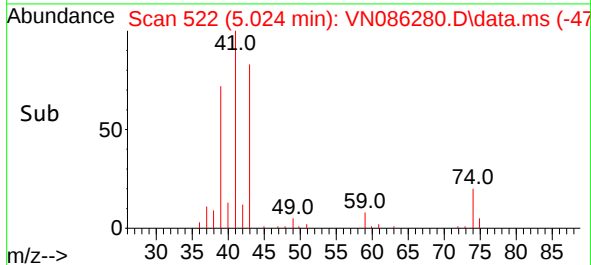
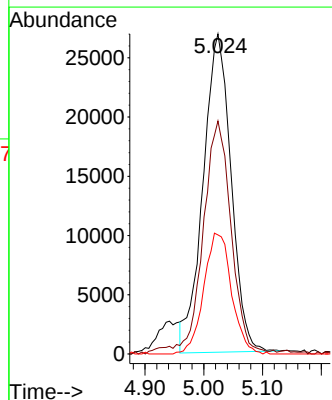
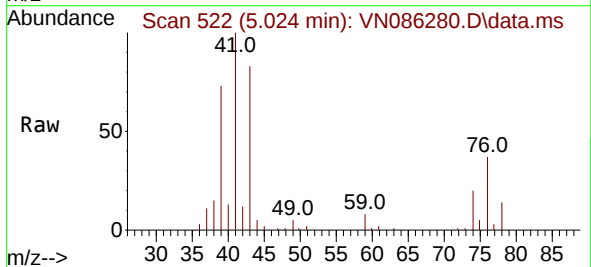
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

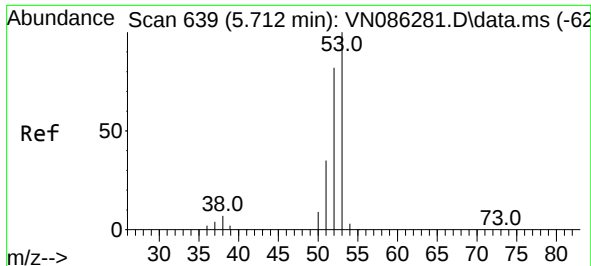
Tgt Ion: 56 Resp: 28121
Ion Ratio Lower Upper
56 100
55 73.6 58.5 87.7



#14
Allyl chloride
Concen: 19.612 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 41 Resp: 89076
Ion Ratio Lower Upper
41 100
39 73.7 59.2 88.8
76 37.5 31.2 46.8

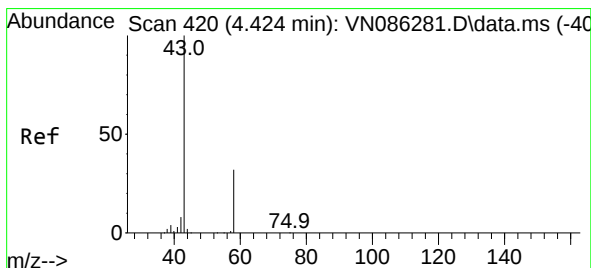
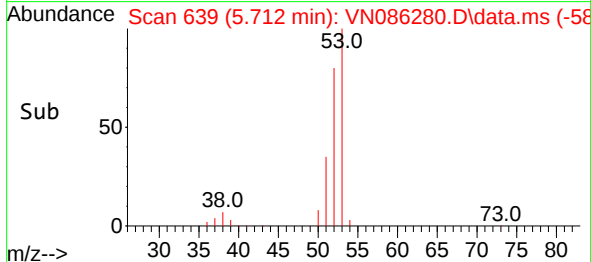
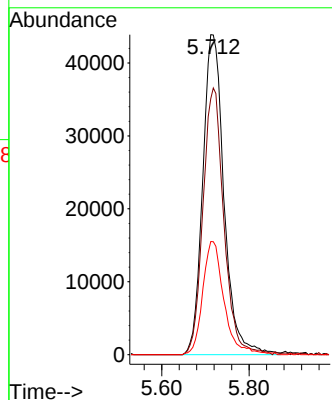
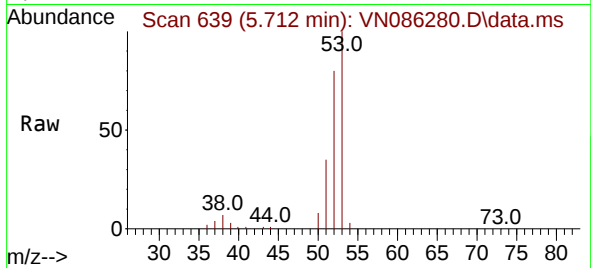




#15
Acrylonitrile
Concen: 104.781 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

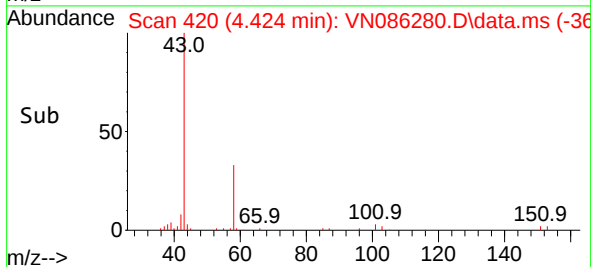
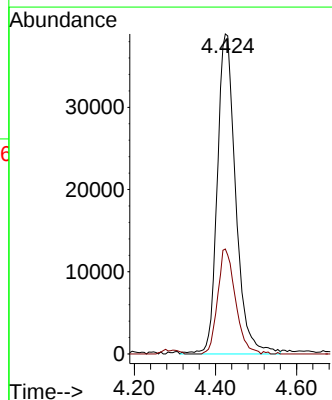
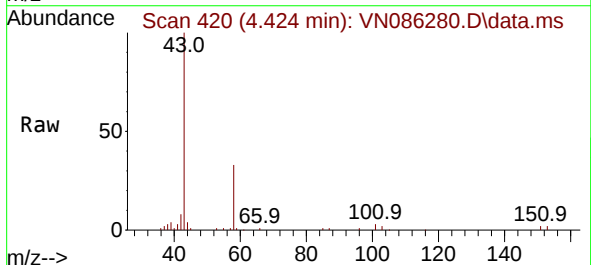
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

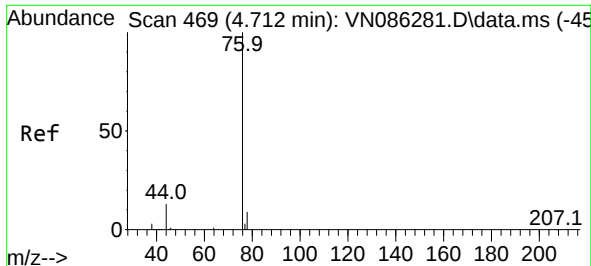
Tgt Ion: 53 Resp: 148850
Ion Ratio Lower Upper
53 100
52 81.6 65.5 98.3
51 35.4 28.6 42.8



#16
Acetone
Concen: 109.479 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 43 Resp: 122726
Ion Ratio Lower Upper
43 100
58 32.8 25.3 37.9

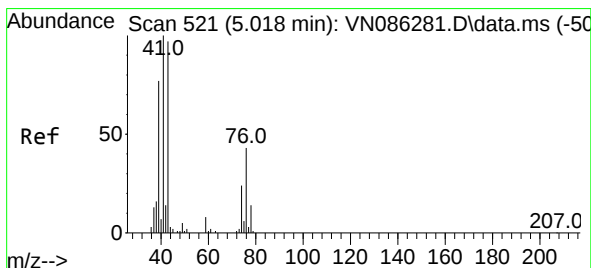
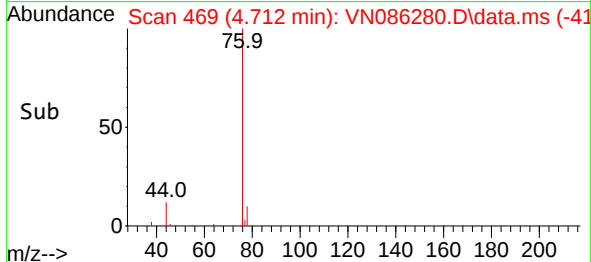
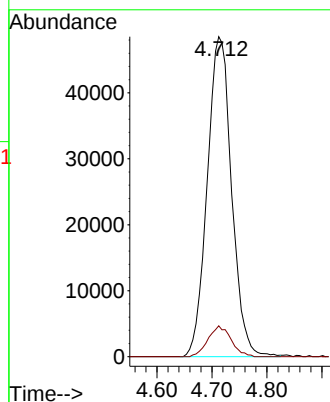
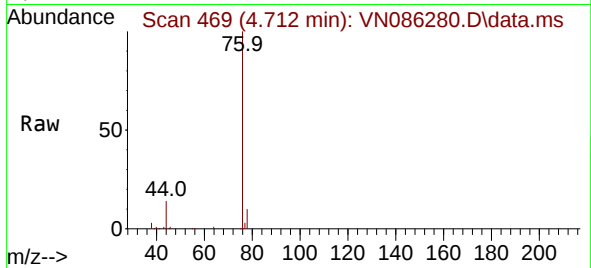




#17
Carbon Disulfide
Concen: 19.534 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

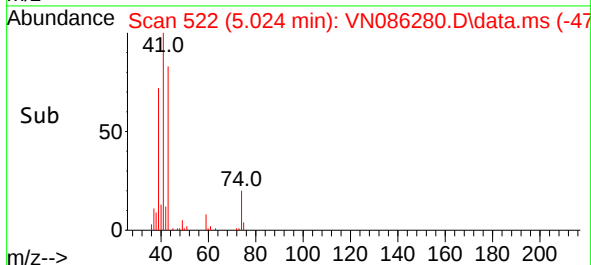
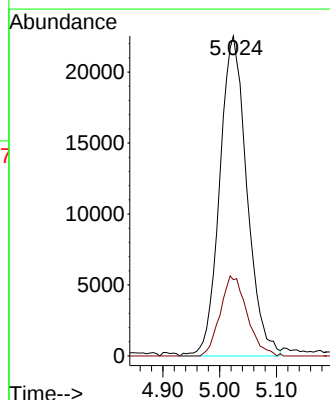
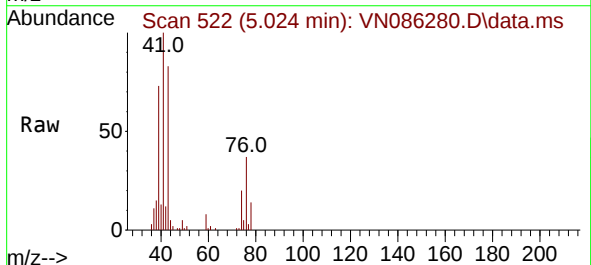
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

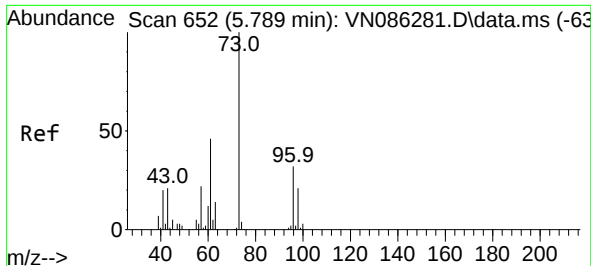
Tgt Ion: 76 Resp: 149518
Ion Ratio Lower Upper
76 100
78 9.7 7.6 11.4



#18
Methyl Acetate
Concen: 19.857 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 43 Resp: 75070
Ion Ratio Lower Upper
43 100
74 24.6 19.8 29.6

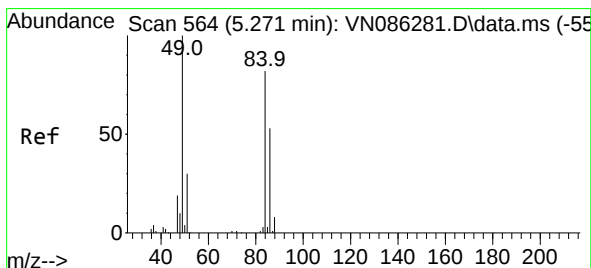
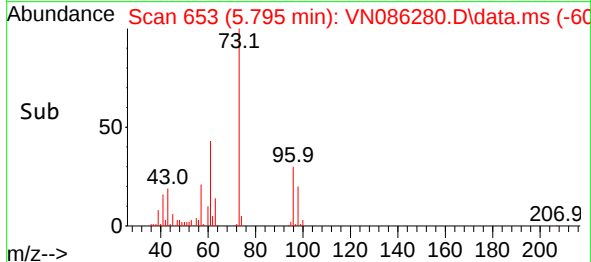
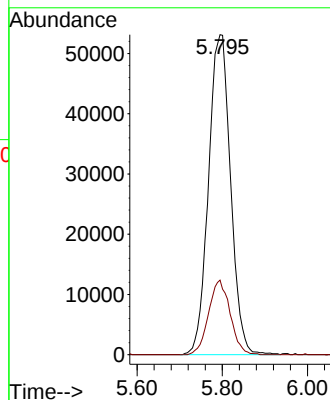
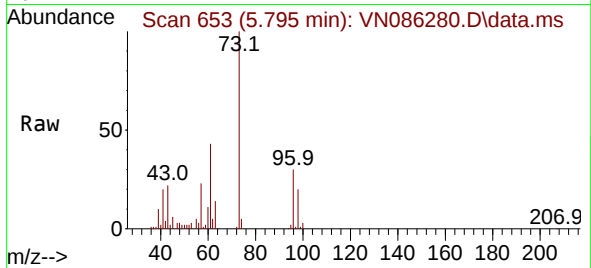




#19
Methyl tert-butyl Ether
Concen: 20.332 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

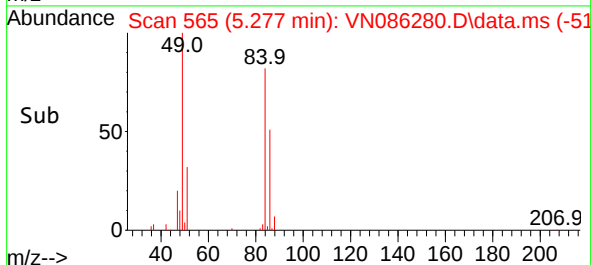
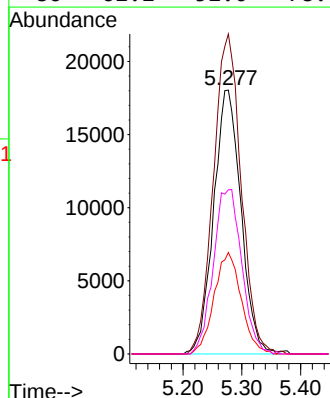
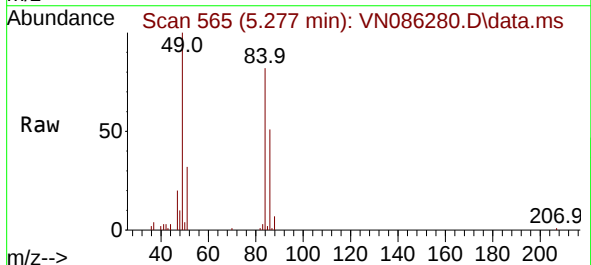
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MSVOA_N
ClientSampleId :
VSTDICC020

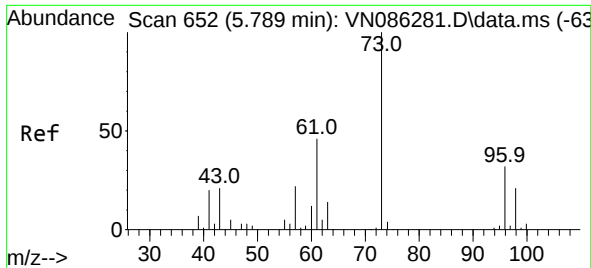
Tgt Ion: 73 Resp: 191056
Ion Ratio Lower Upper
73 100
57 23.3 17.6 26.4



#20
Methylene Chloride
Concen: 19.999 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 84 Resp: 58230
Ion Ratio Lower Upper
84 100
49 121.3 98.2 147.2
51 38.5 29.8 44.6
86 62.2 52.0 78.0

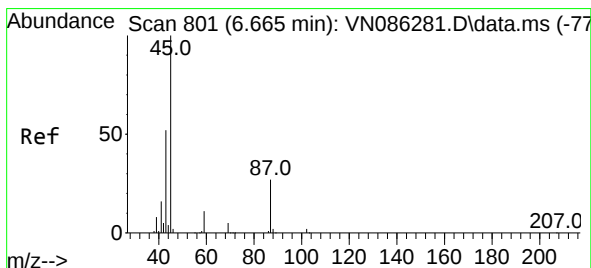
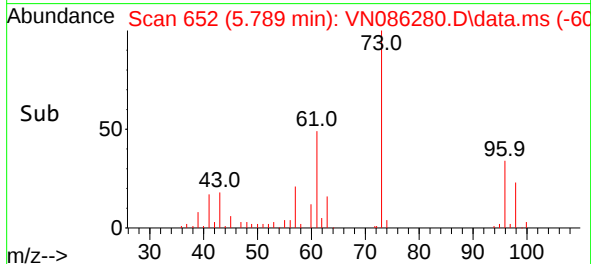
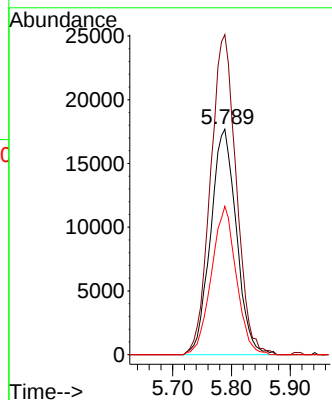
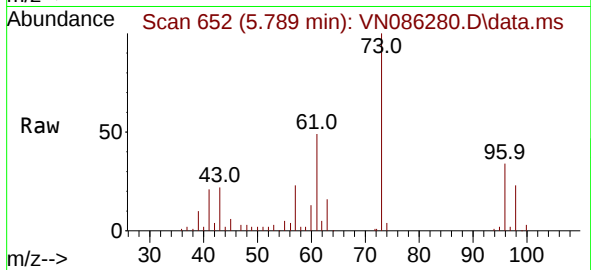




#21
trans-1,2-Dichloroethene
Concen: 20.165 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

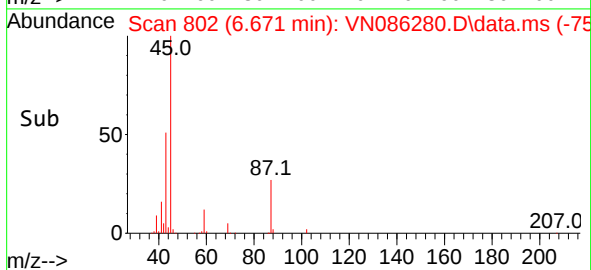
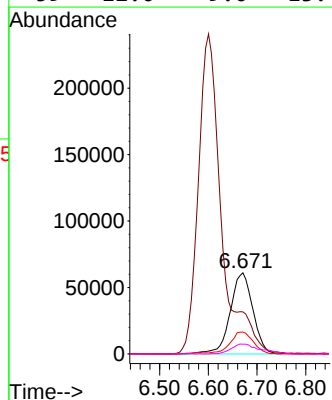
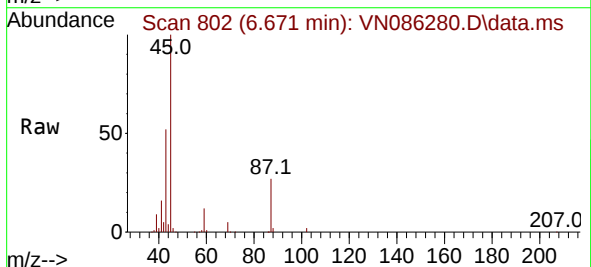
Instrument :
MSVOA_N
ClientSampleId :
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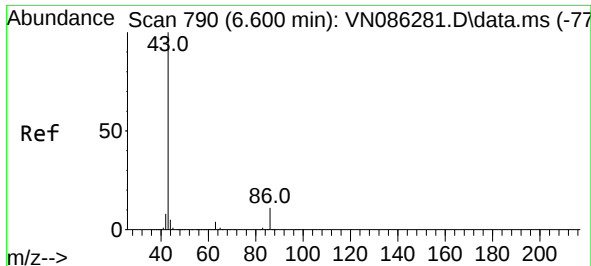
Tgt Ion: 96 Resp: 53894
Ion Ratio Lower Upper
96 100
61 141.9 114.6 171.8
98 65.8 51.2 76.8



#22
Diisopropyl ether
Concen: 19.911 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 45 Resp: 196831
Ion Ratio Lower Upper
45 100
43 50.1 41.8 62.8
87 27.1 21.6 32.4
59 12.0 9.0 13.4

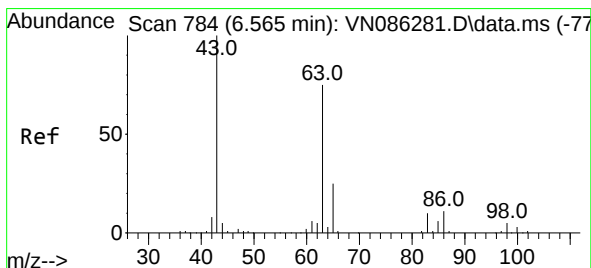
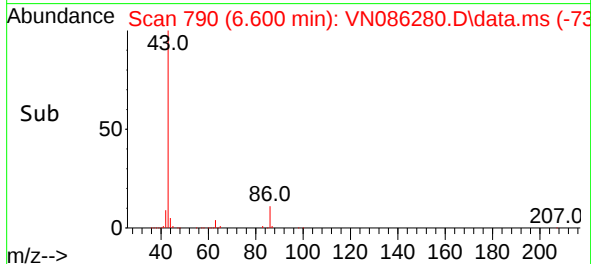
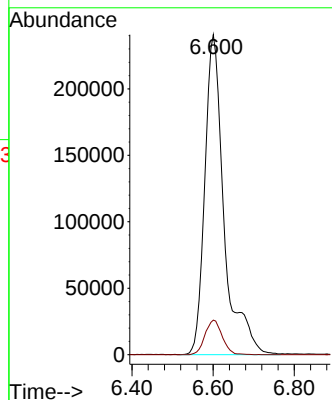
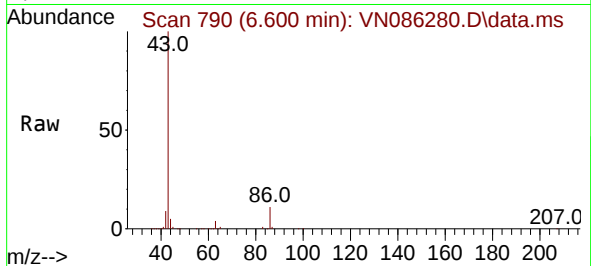




#23
 Vinyl Acetate
 Concen: 114.699 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN086280.D
 Acq: 15 Apr 2025 13:09

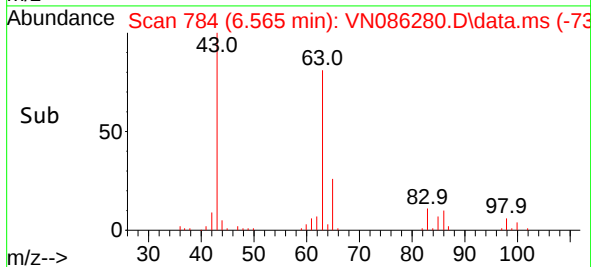
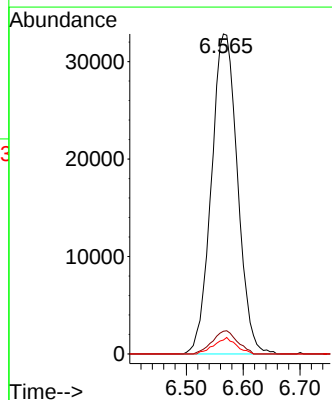
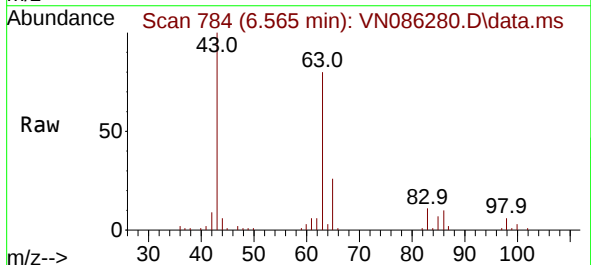
Instrument :
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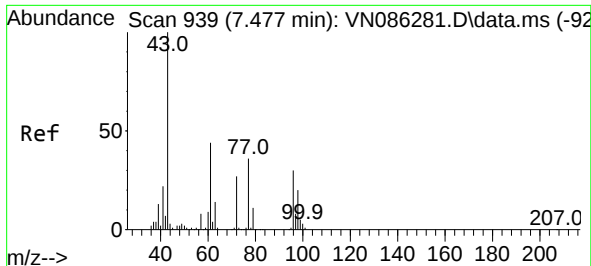
Tgt Ion: 43 Resp: 792438
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 20.087 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN086280.D
 Acq: 15 Apr 2025 13:09

Tgt Ion: 63 Resp: 104777
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.4 10.2
 100 4.4 2.1 6.5

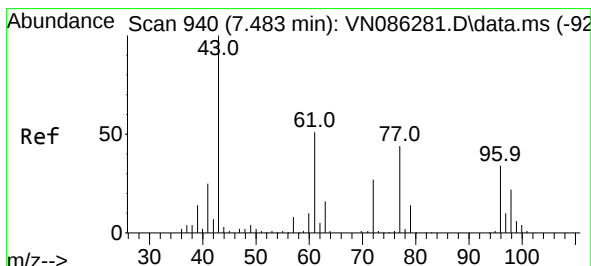
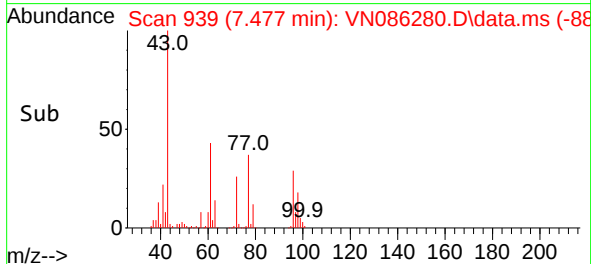
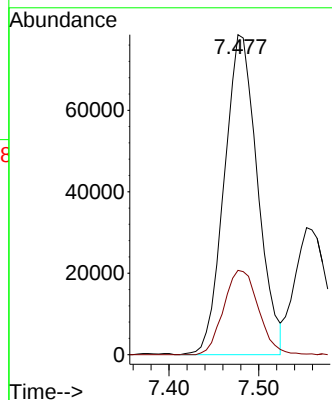
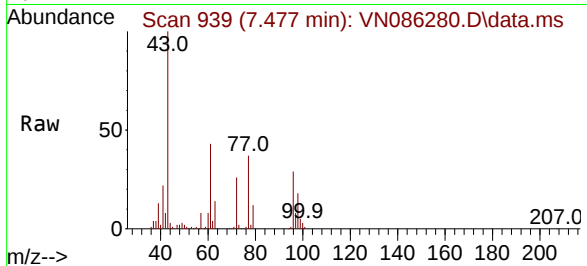




#25
2-Butanone
Concen: 103.191 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

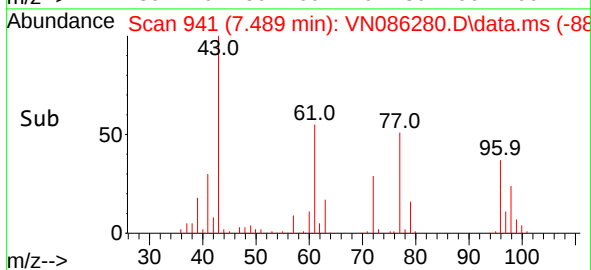
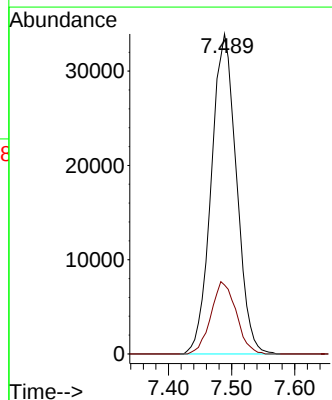
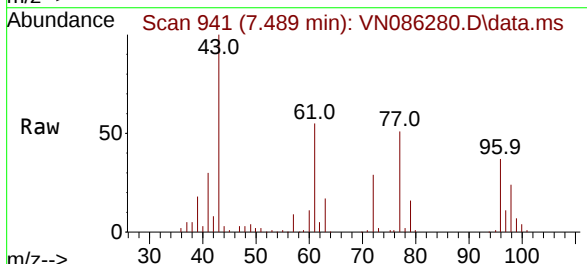
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

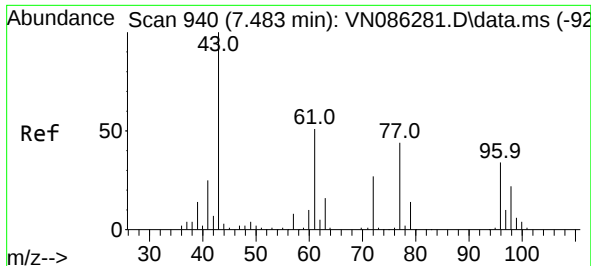
Tgt Ion: 43 Resp: 202298
Ion Ratio Lower Upper
43 100
72 26.4 21.7 32.5



#26
2,2-Dichloropropane
Concen: 20.159 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 77 Resp: 94147
Ion Ratio Lower Upper
77 100
97 22.6 11.2 33.5



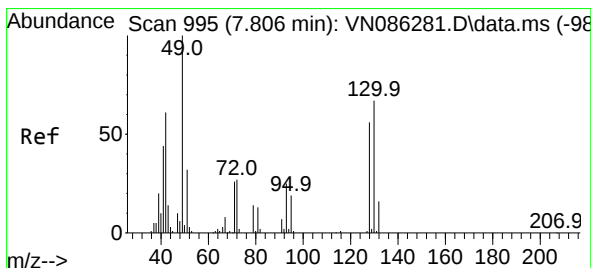
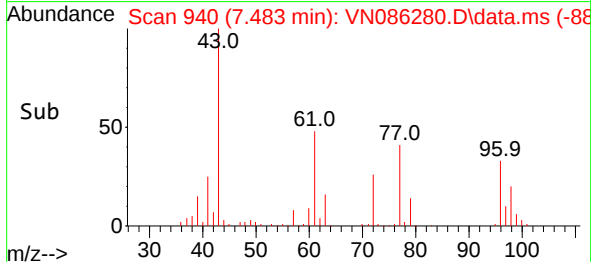
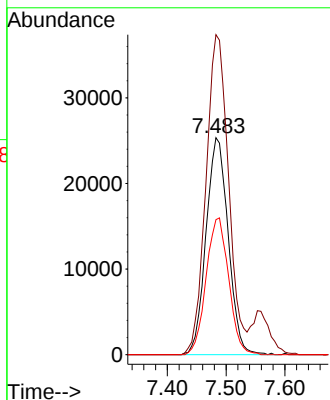
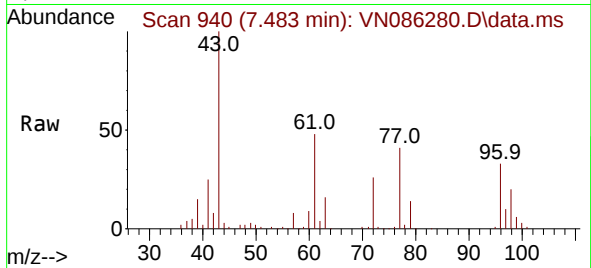


#27
 cis-1,2-Dichloroethene
 Concen: 20.001 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN086280.D
 Acq: 15 Apr 2025 13:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion: 96 Resp: 66347

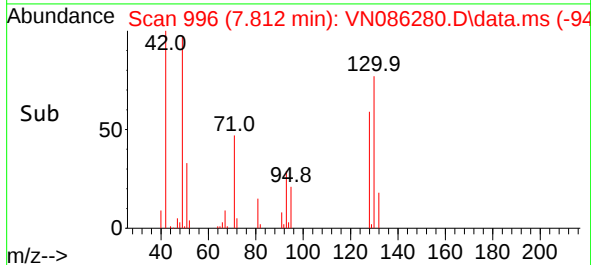
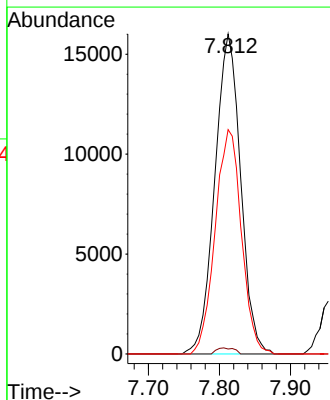
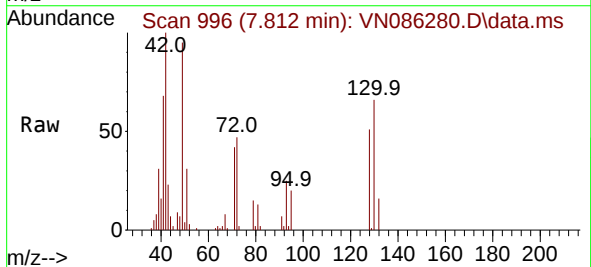
Ion	Ratio	Lower	Upper
96	100		
61	150.6	0.0	299.0
98	64.3	0.0	129.6

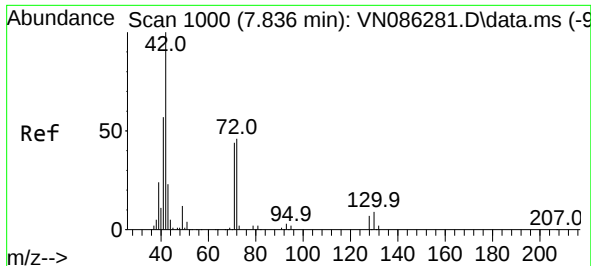


#28
 Bromochloromethane
 Concen: 18.263 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086280.D
 Acq: 15 Apr 2025 13:09

Tgt Ion: 49 Resp: 40391

Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	3.4
130	71.2	57.1	85.7





#29

Tetrahydrofuran

Concen: 104.008 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN086280.D

Acq: 15 Apr 2025 13:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

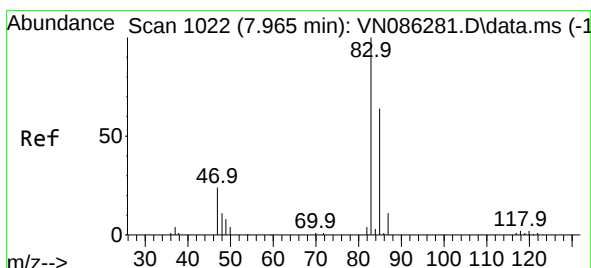
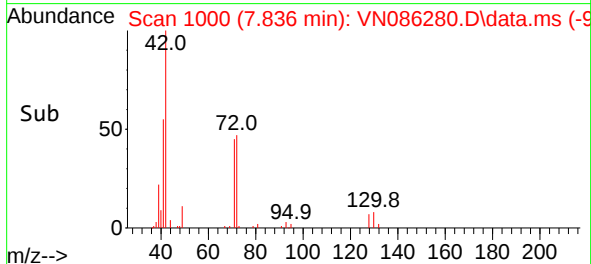
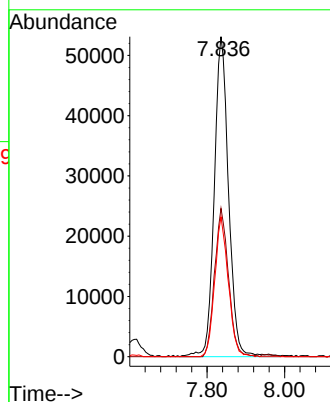
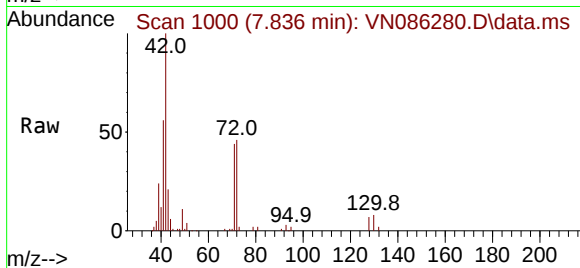
Tgt Ion: 42 Resp: 136348

Ion Ratio Lower Upper

42 100

72 45.1 36.2 54.4

71 41.3 34.0 51.0



#30

Chloroform

Concen: 20.274 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN086280.D

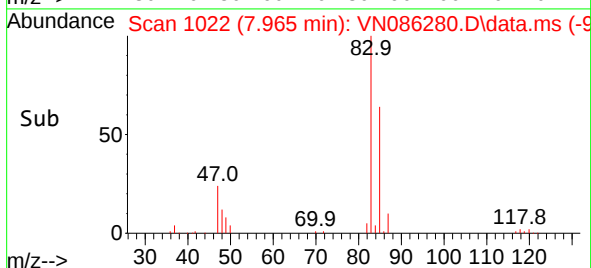
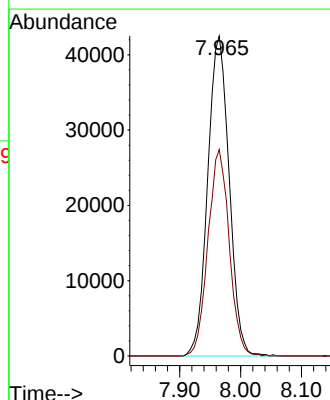
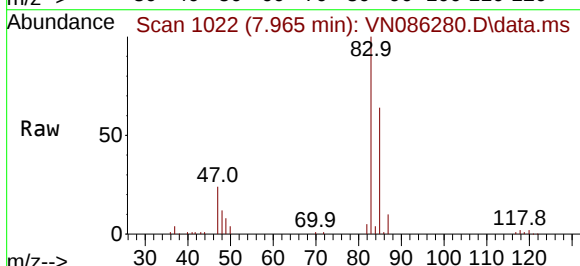
Acq: 15 Apr 2025 13:09

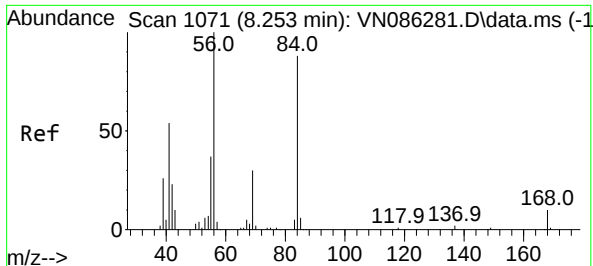
Tgt Ion: 83 Resp: 103881

Ion Ratio Lower Upper

83 100

85 64.5 51.5 77.3

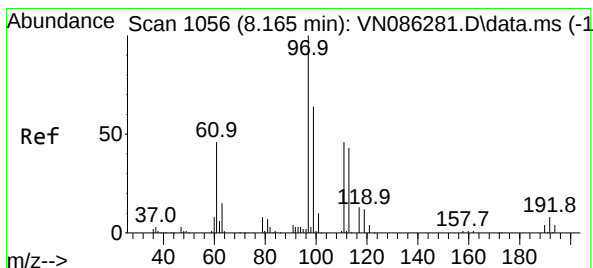
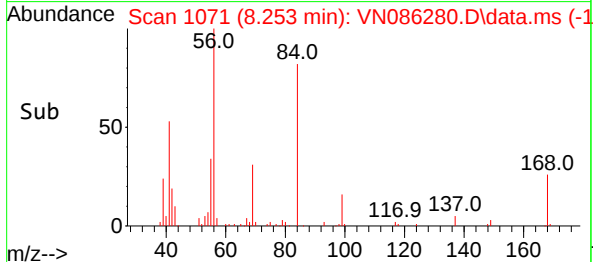
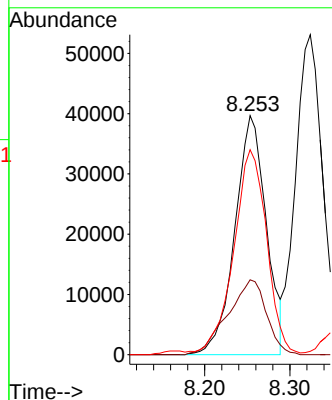
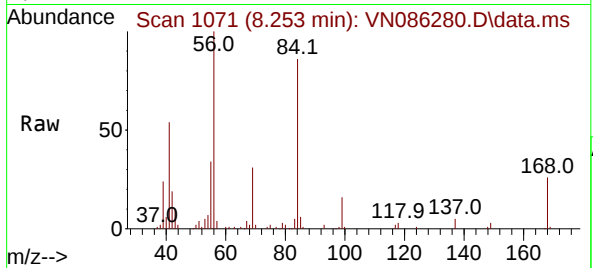




#31
Cyclohexane
Concen: 19.895 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

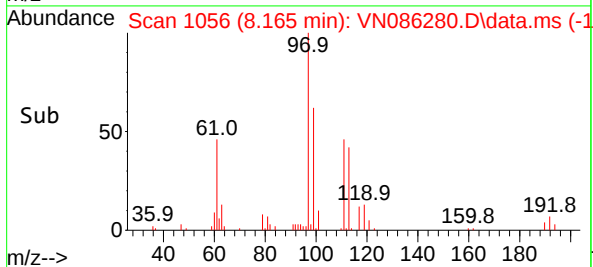
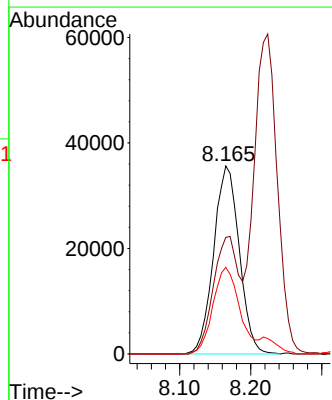
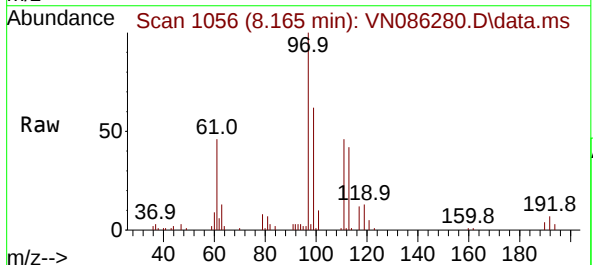
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

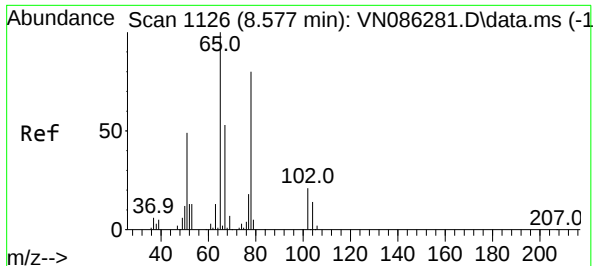
Tgt Ion: 56 Resp: 101546
Ion Ratio Lower Upper
56 100
69 31.3 24.2 36.2
84 84.2 70.3 105.5



#32
1,1,1-Trichloroethane
Concen: 20.344 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 97 Resp: 89173
Ion Ratio Lower Upper
97 100
99 62.7 52.7 79.1
61 48.7 39.5 59.3





#33

1,2-Dichloroethane-d4

Concen: 19.513 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086280.D

Acq: 15 Apr 2025 13:09

Instrument :

MSVOA_N

ClientSampleId :

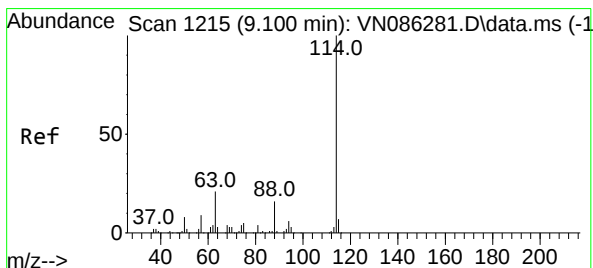
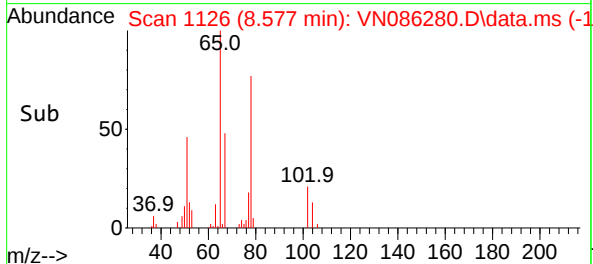
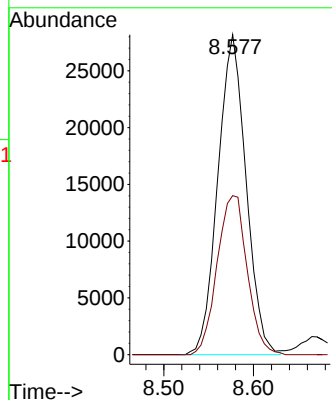
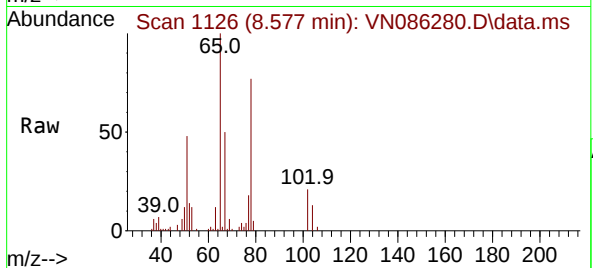
VSTDICC020

Tgt Ion: 65 Resp: 61458

Ion Ratio Lower Upper

65 100

67 52.9 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN086280.D

Acq: 15 Apr 2025 13:09

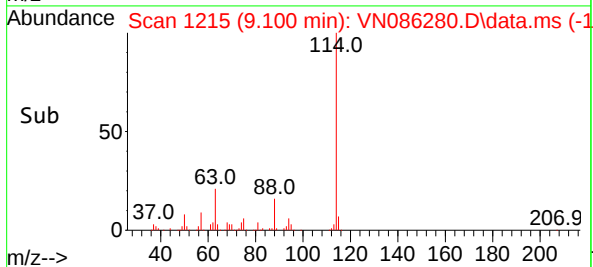
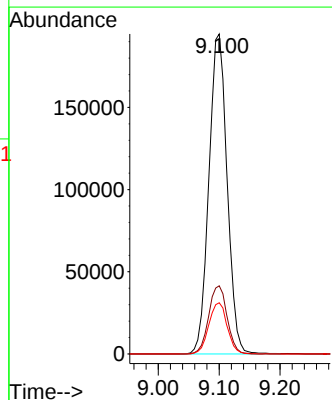
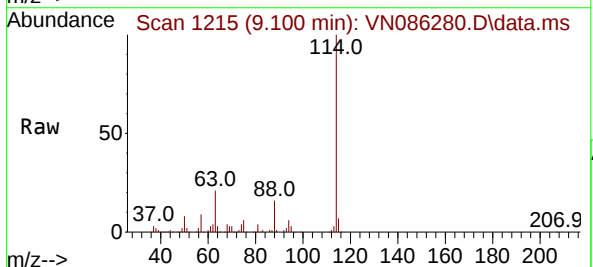
Tgt Ion: 114 Resp: 404366

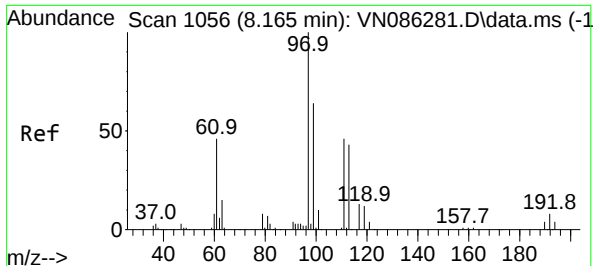
Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.6

88 16.0 0.0 31.8

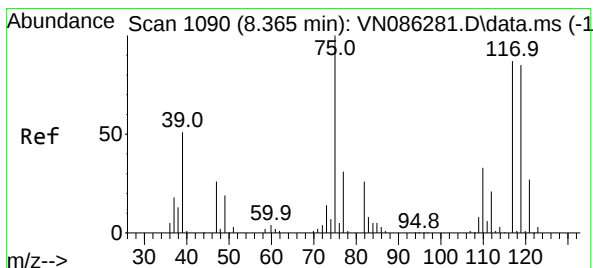
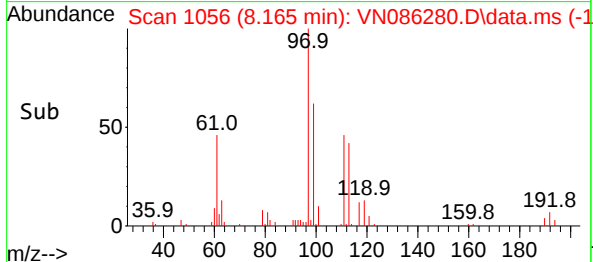
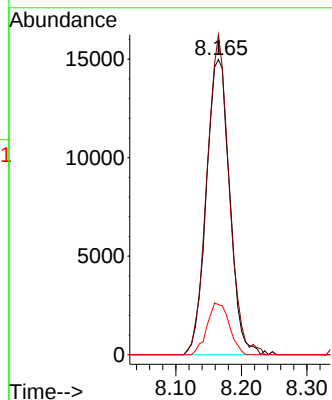
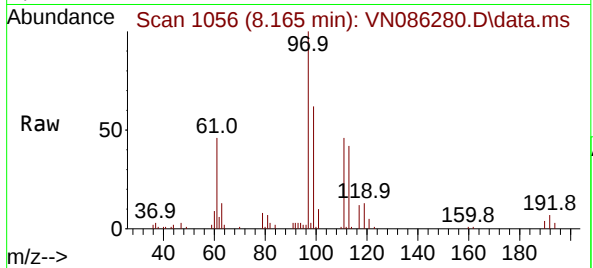




#35
Dibromofluoromethane
Concen: 19.819 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

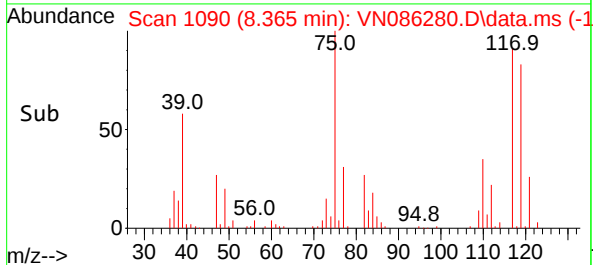
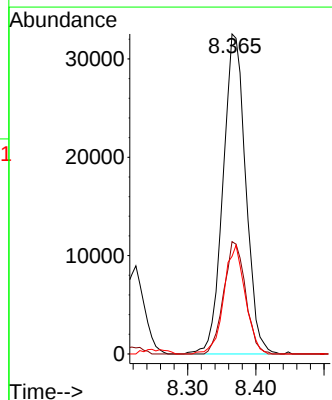
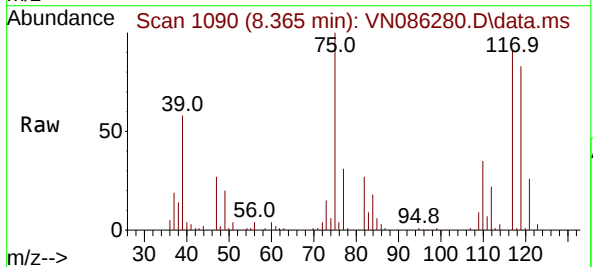
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

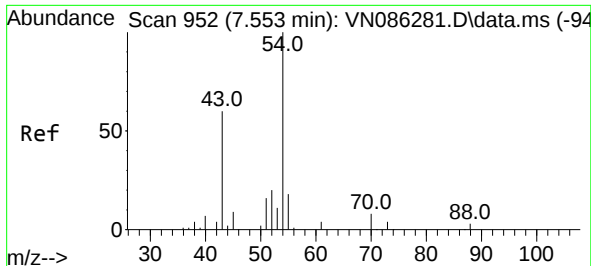
Tgt Ion:113 Resp: 37195
Ion Ratio Lower Upper
113 100
111 102.8 83.4 125.0
192 16.5 13.7 20.5



#36
1,1-Dichloropropene
Concen: 20.122 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 75 Resp: 75426
Ion Ratio Lower Upper
75 100
110 33.6 16.8 50.4
77 32.0 24.9 37.3





#37

Ethyl Acetate

Concen: 20.115 ug/l

RT: 7.553 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN086280.D

Acq: 15 Apr 2025 13:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

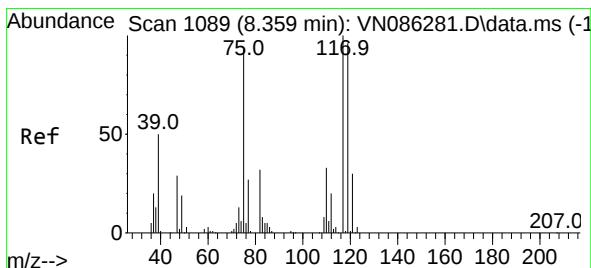
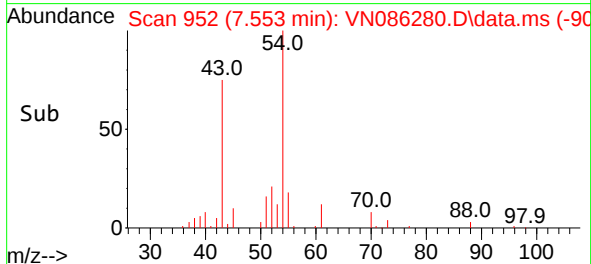
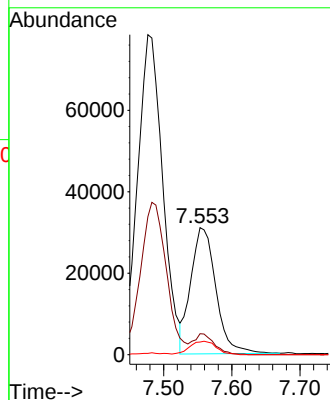
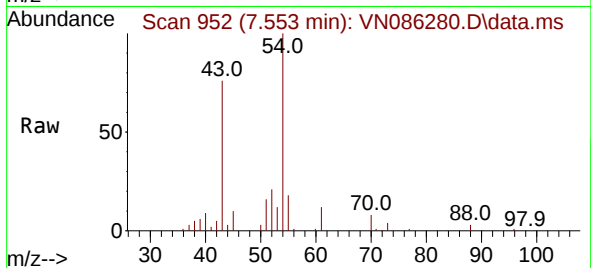
Tgt Ion: 43 Resp: 79383

Ion Ratio Lower Upper

43 100

61 13.7 11.1 16.7

70 11.2 9.2 13.8



#38

Carbon Tetrachloride

Concen: 20.367 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VN086280.D

Acq: 15 Apr 2025 13:09

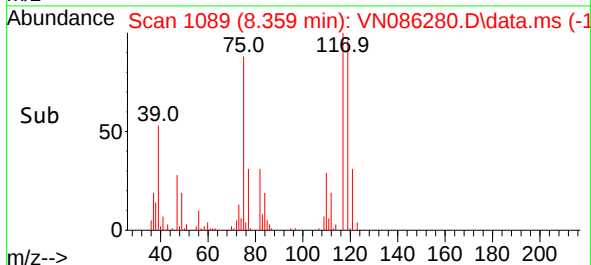
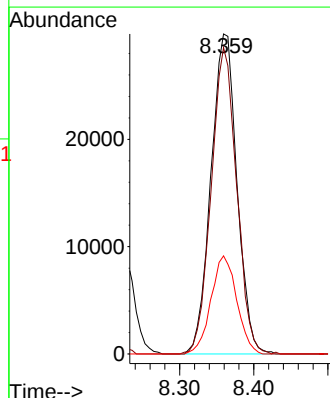
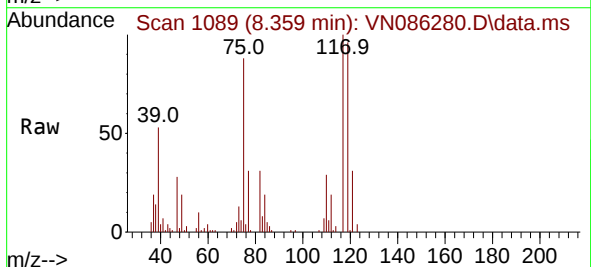
Tgt Ion: 117 Resp: 72704

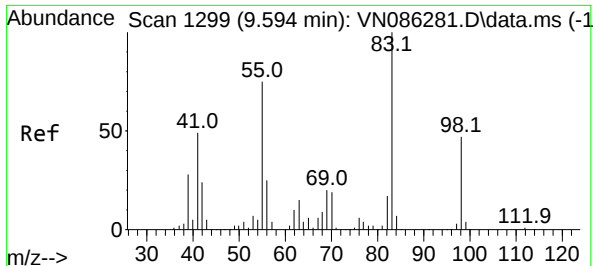
Ion Ratio Lower Upper

117 100

119 95.7 76.8 115.2

121 30.7 23.8 35.8





#39

Methylcyclohexane

Concen: 19.915 ug/l

RT: 9.594 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN086280.D

Acq: 15 Apr 2025 13:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

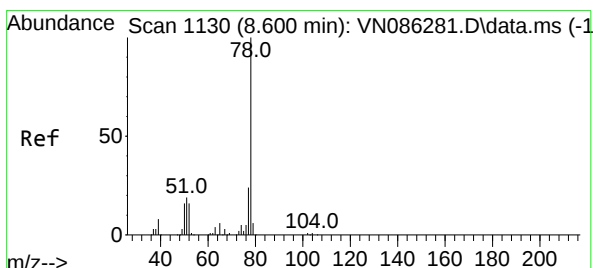
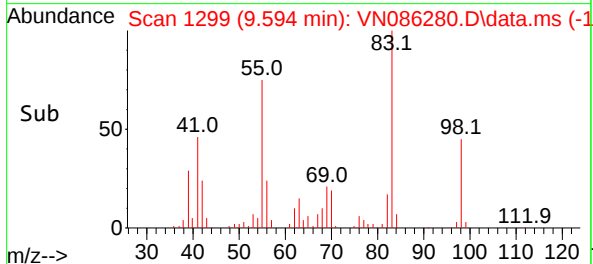
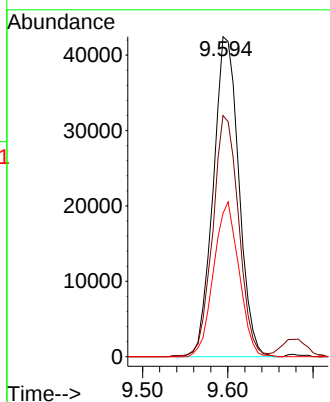
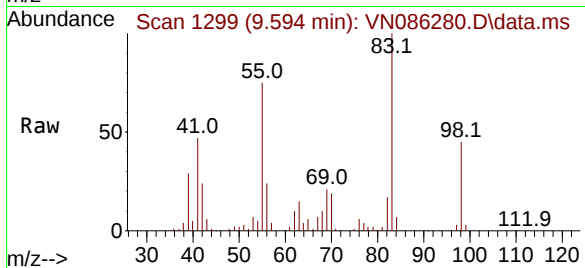
Tgt Ion: 83 Resp: 88728

Ion Ratio Lower Upper

83 100

55 75.0 59.8 89.8

98 44.8 37.9 56.9



#40

Benzene

Concen: 20.310 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN086280.D

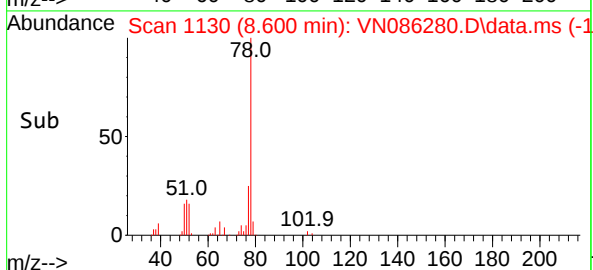
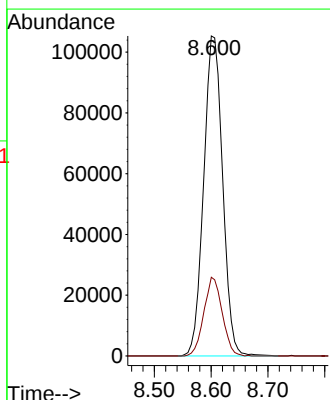
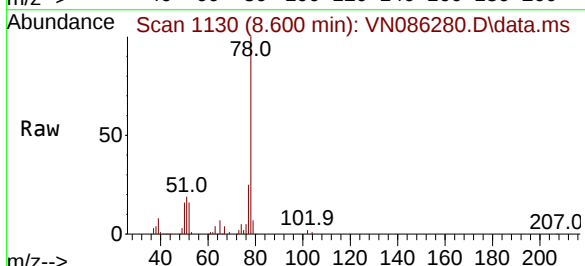
Acq: 15 Apr 2025 13:09

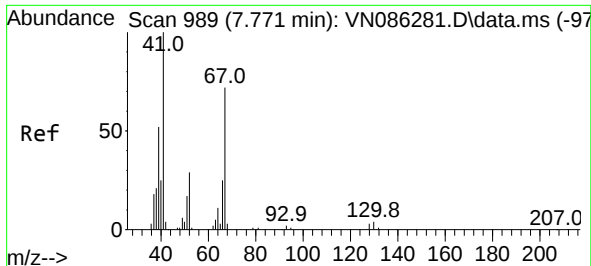
Tgt Ion: 78 Resp: 243918

Ion Ratio Lower Upper

78 100

77 24.6 19.4 29.2



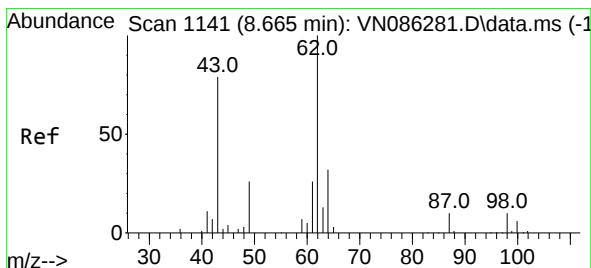
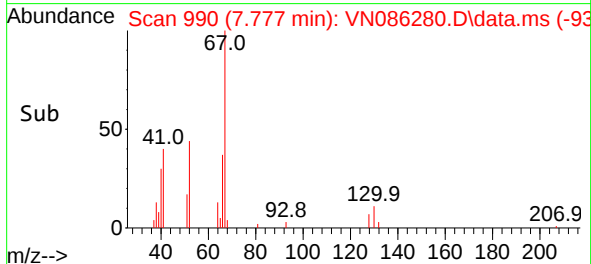
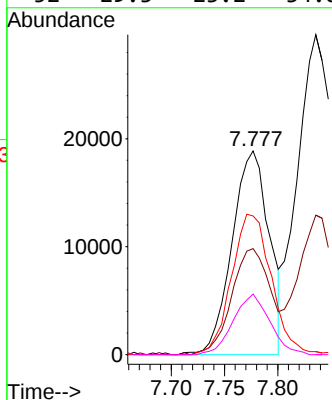
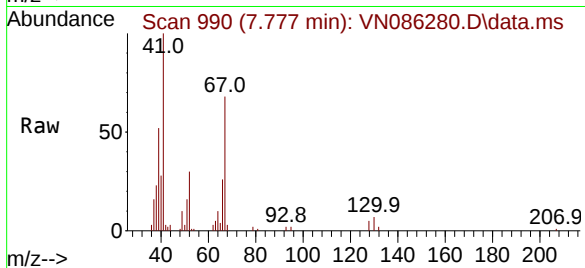


#41
Methacrylonitrile
Concen: 20.007 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 41 Resp: 45760

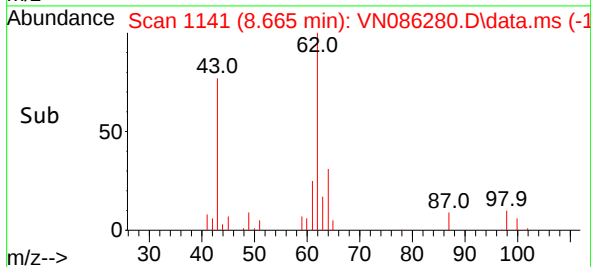
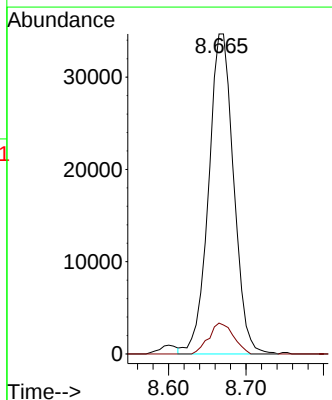
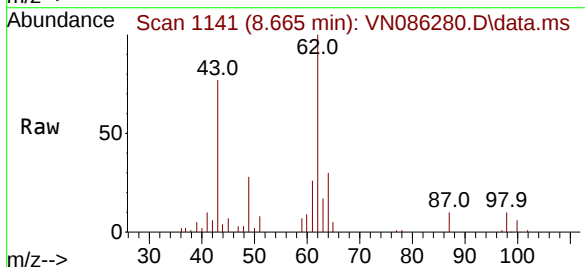
Ion	Ratio	Lower	Upper
41	100		
39	53.5	43.0	64.4
67	74.0	58.8	88.2
52	29.3	23.2	34.8

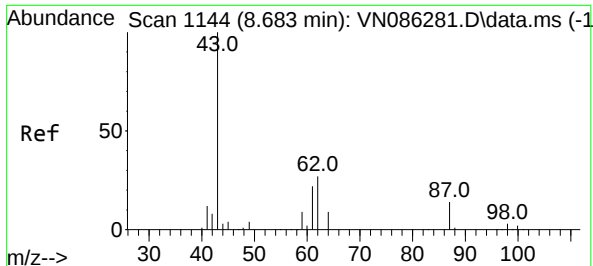


#42
1,2-Dichloroethane
Concen: 20.348 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 62 Resp: 77932

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.2

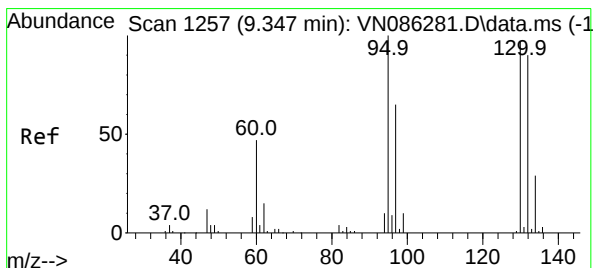
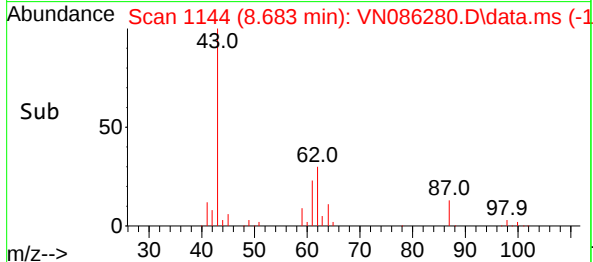
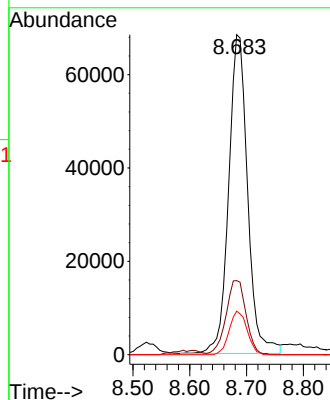
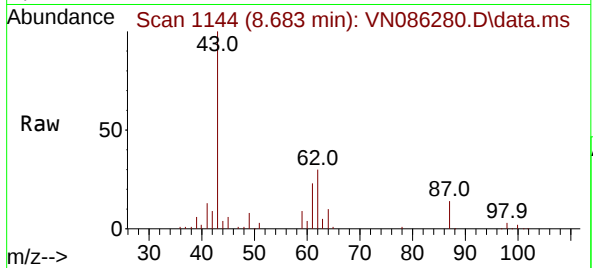




#43
Isopropyl Acetate
Concen: 20.921 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

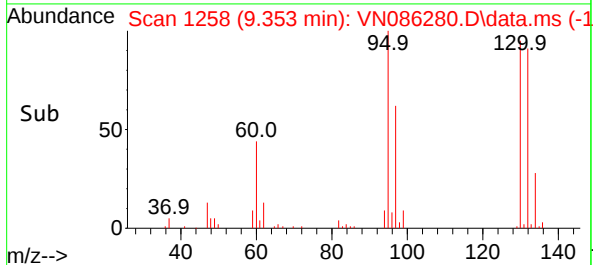
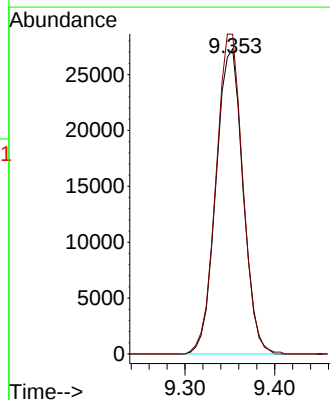
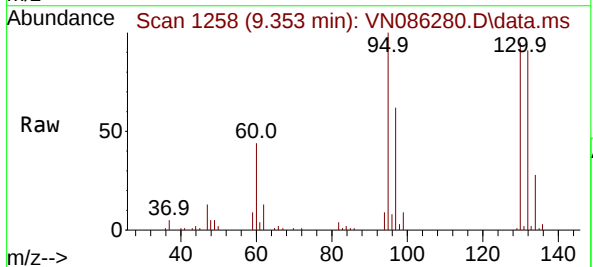
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

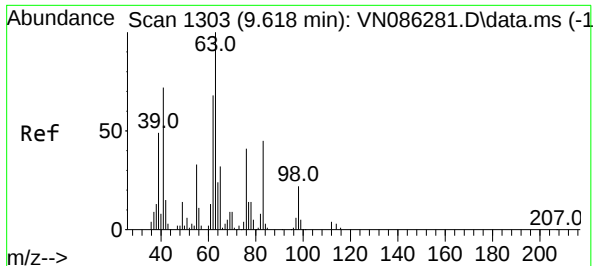
Tgt Ion: 43 Resp: 157753
Ion Ratio Lower Upper
43 100
61 24.6 20.5 30.7
87 12.9 10.5 15.7



#44
Trichloroethene
Concen: 19.998 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 130 Resp: 56926
Ion Ratio Lower Upper
130 100
95 104.8 0.0 207.2





#45

1,2-Dichloropropane

Concen: 20.273 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN086280.D

Acq: 15 Apr 2025 13:09

Instrument :

MSVOA_N

ClientSampleId :

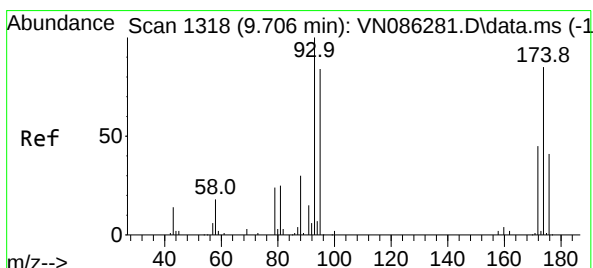
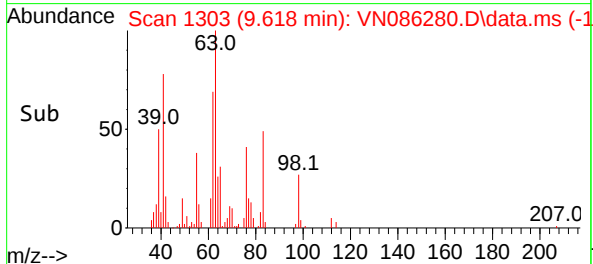
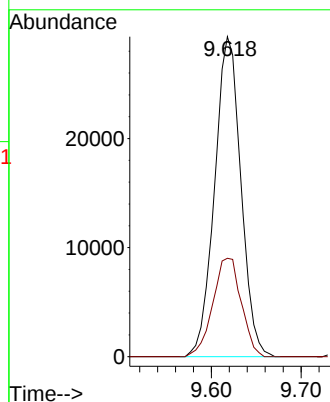
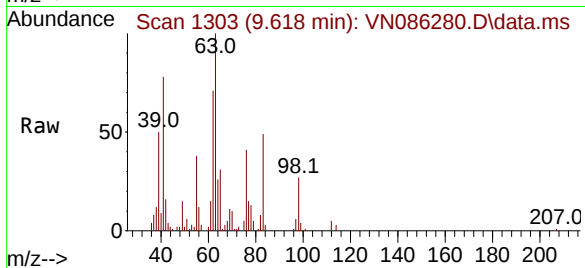
VSTDICC020

Tgt Ion: 63 Resp: 59599

Ion Ratio Lower Upper

63 100

65 30.8 25.4 38.2



#46

Dibromomethane

Concen: 20.608 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN086280.D

Acq: 15 Apr 2025 13:09

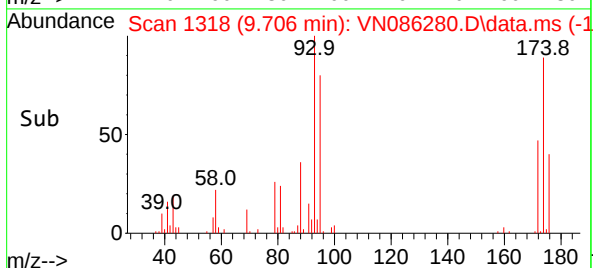
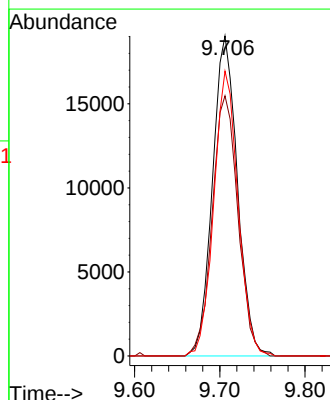
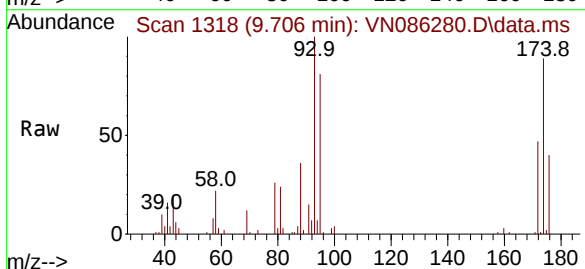
Tgt Ion: 93 Resp: 38601

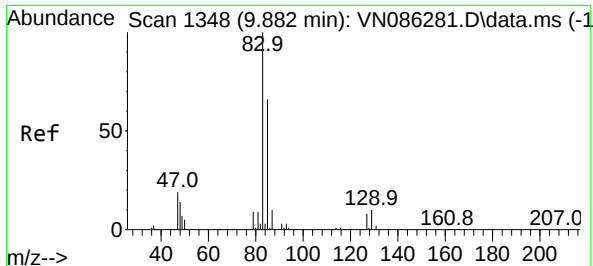
Ion Ratio Lower Upper

93 100

95 84.0 66.2 99.4

174 86.8 67.8 101.6

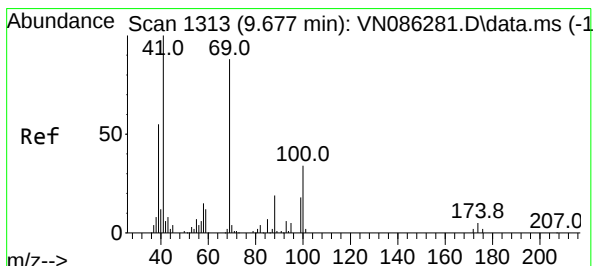
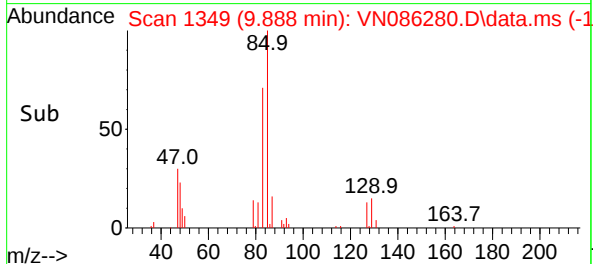
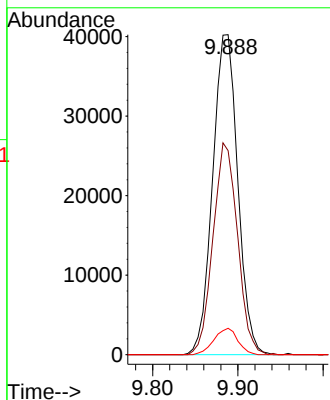
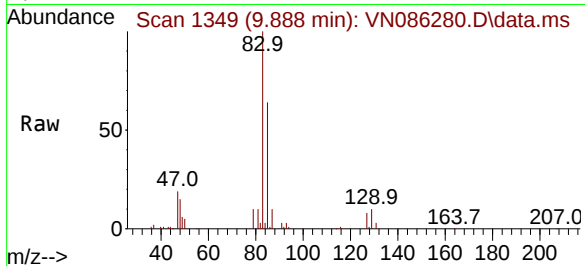




#47
Bromodichloromethane
Concen: 20.397 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

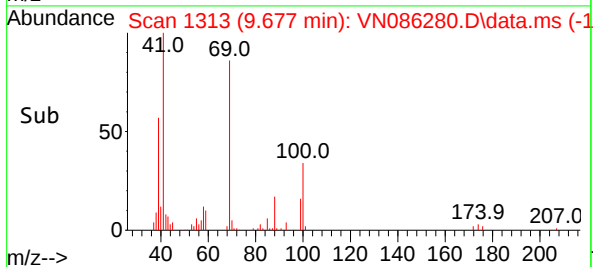
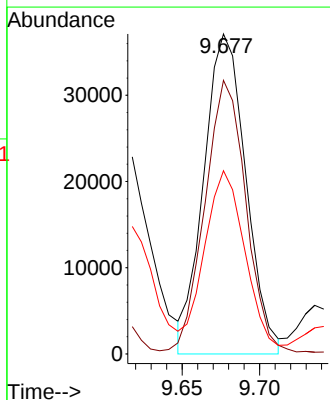
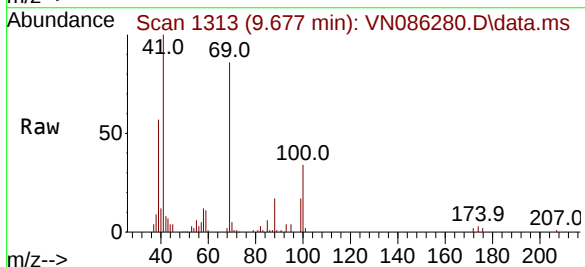
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

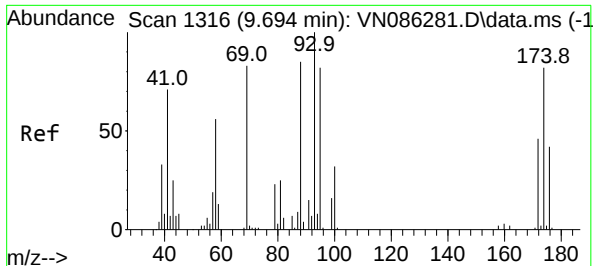
Tgt Ion: 83 Resp: 82517
Ion Ratio Lower Upper
83 100
85 63.7 52.6 78.8
127 8.2 6.1 9.1



#48
Methyl methacrylate
Concen: 20.195 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 41 Resp: 69986
Ion Ratio Lower Upper
41 100
69 84.6 68.2 102.2
39 56.1 45.2 67.8





#49

1,4-Dioxane

Concen: 413.277 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN086280.D

Acq: 15 Apr 2025 13:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

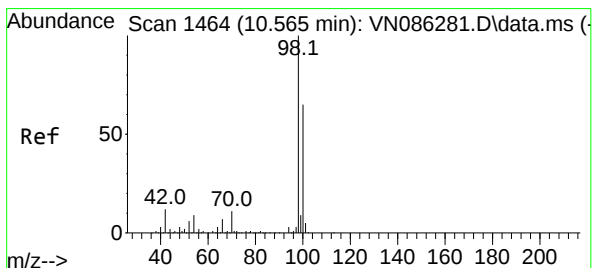
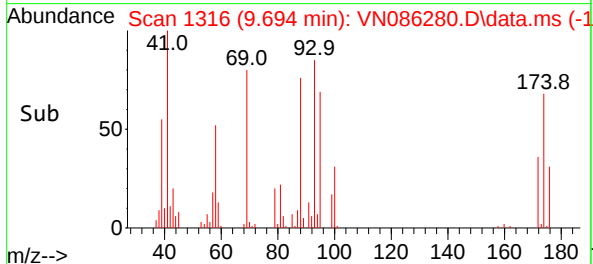
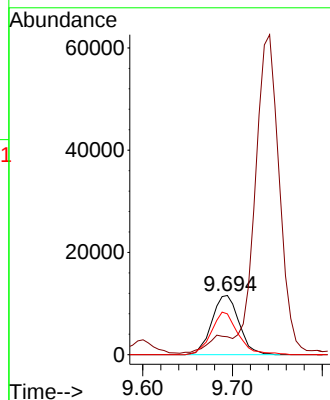
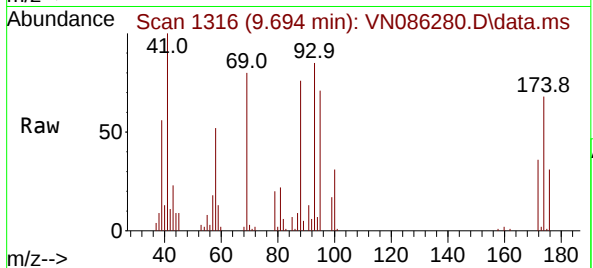
Tgt Ion: 88 Resp: 24362

Ion Ratio Lower Upper

88 100

43 27.3 23.8 35.8

58 71.1 57.4 86.2



#50

Toluene-d8

Concen: 19.112 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN086280.D

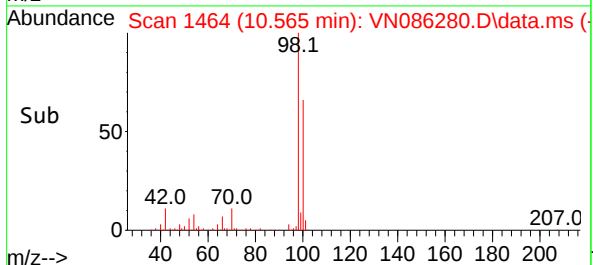
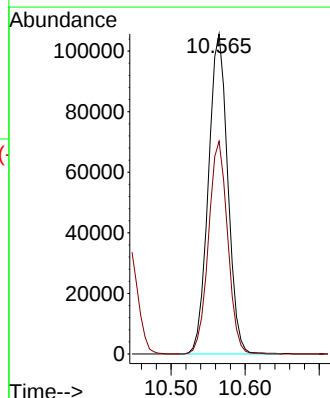
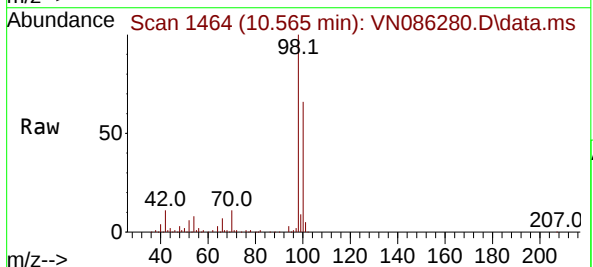
Acq: 15 Apr 2025 13:09

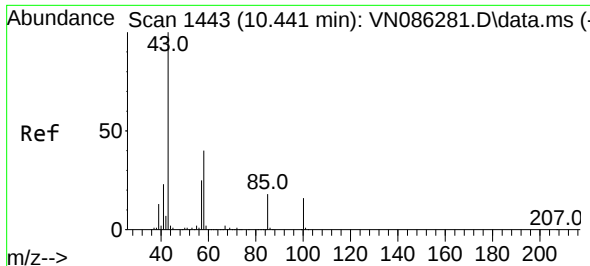
Tgt Ion: 98 Resp: 191691

Ion Ratio Lower Upper

98 100

100 65.7 52.5 78.7

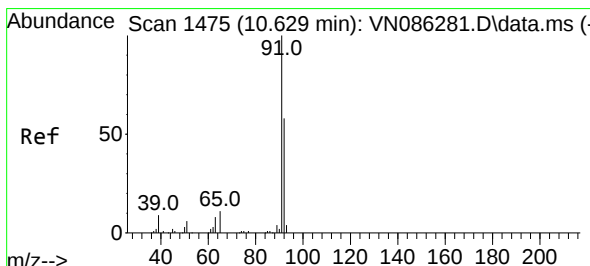
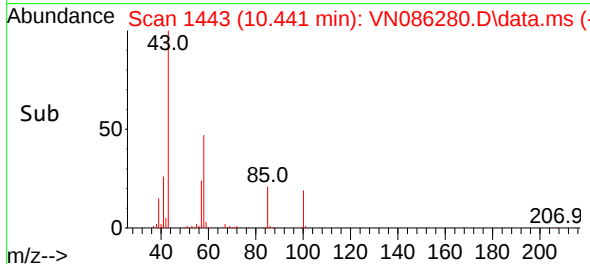
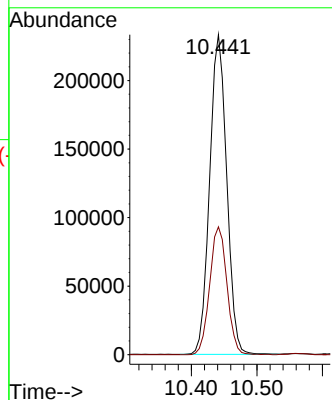
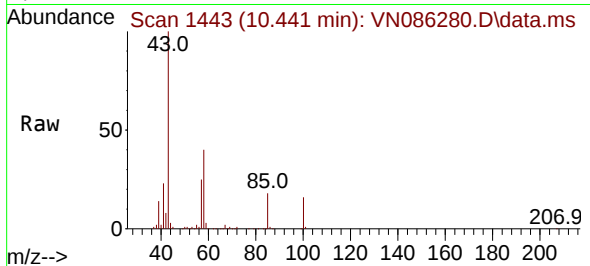




#51
4-Methyl-2-Pentanone
Concen: 104.297 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

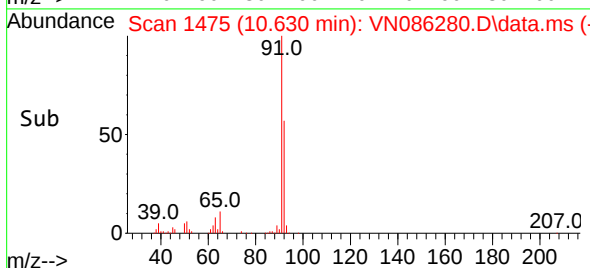
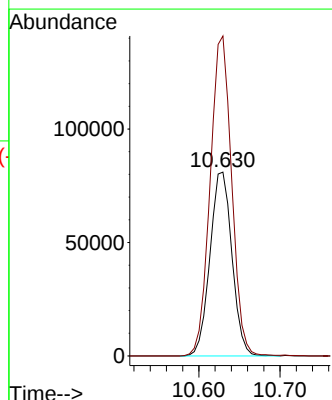
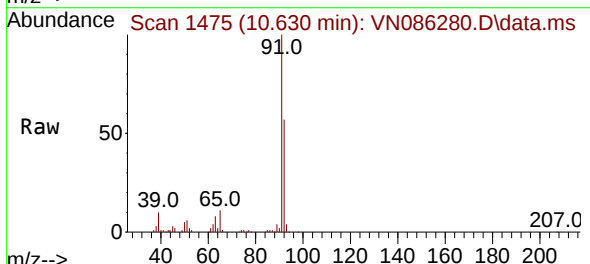
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

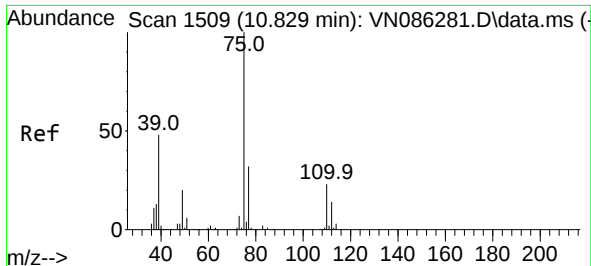
Tgt Ion: 43 Resp: 421471
Ion Ratio Lower Upper
43 100
58 40.5 32.2 48.4



#52
Toluene
Concen: 20.317 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 92 Resp: 152248
Ion Ratio Lower Upper
92 100
91 170.4 137.3 205.9

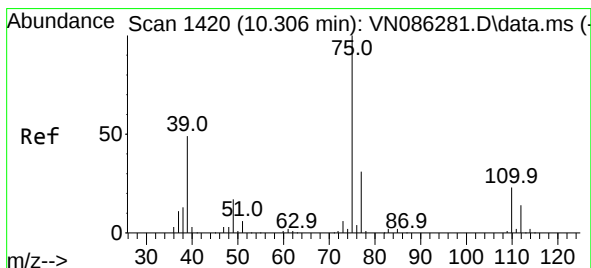
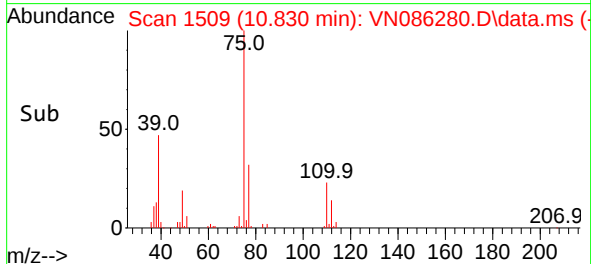
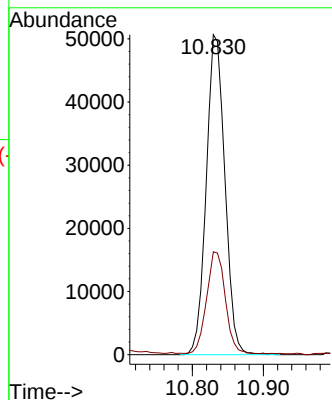
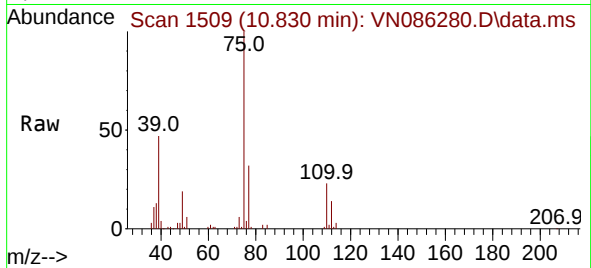




#53
t-1,3-Dichloropropene
Concen: 20.470 ug/l
RT: 10.830 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

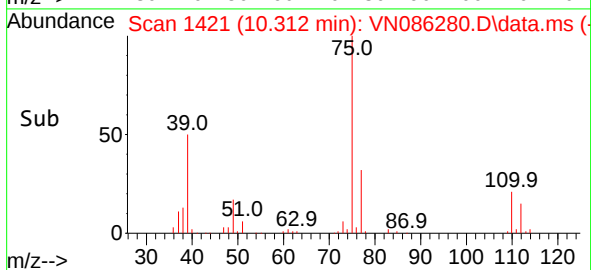
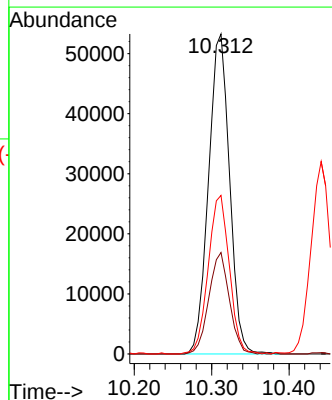
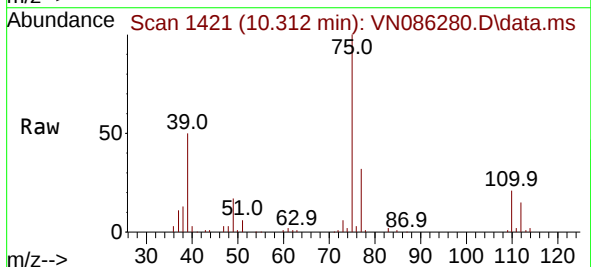
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

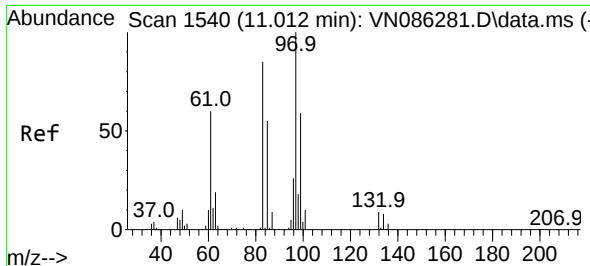
Tgt Ion: 75 Resp: 92441
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 20.245 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 75 Resp: 100415
Ion Ratio Lower Upper
75 100
77 31.7 25.2 37.8
39 49.5 39.3 58.9

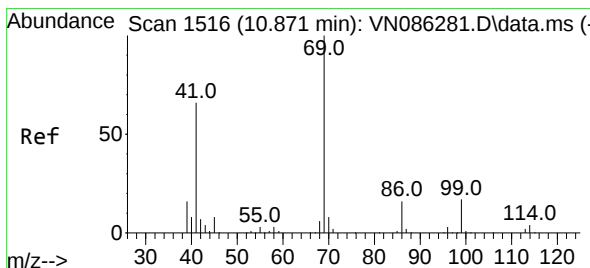
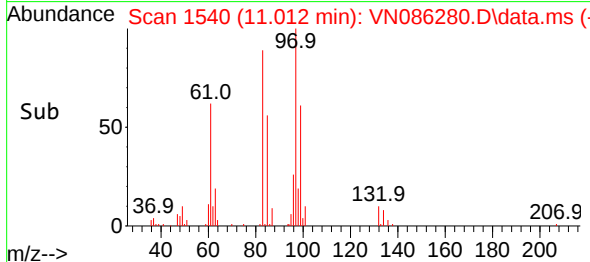
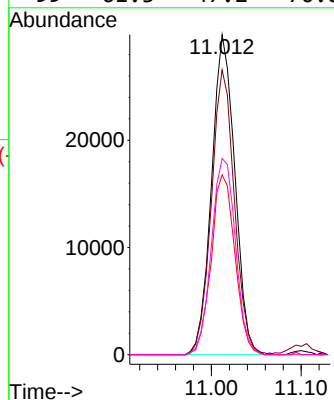
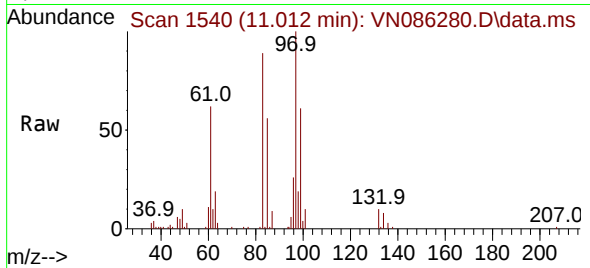




#55
1,1,2-Trichloroethane
Concen: 19.891 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

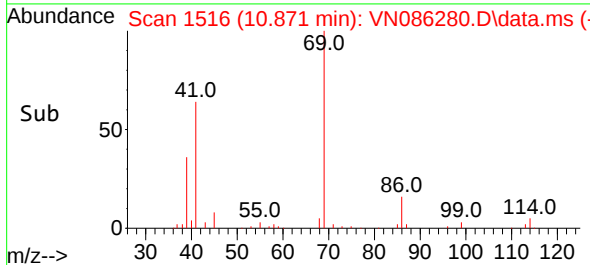
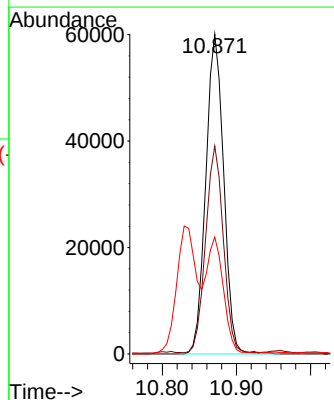
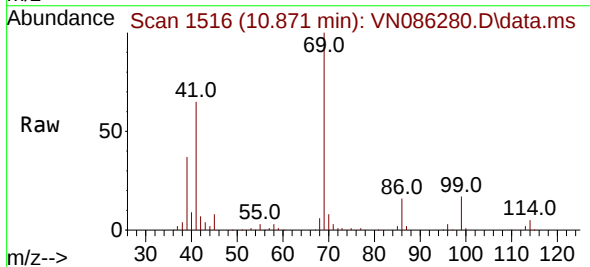
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

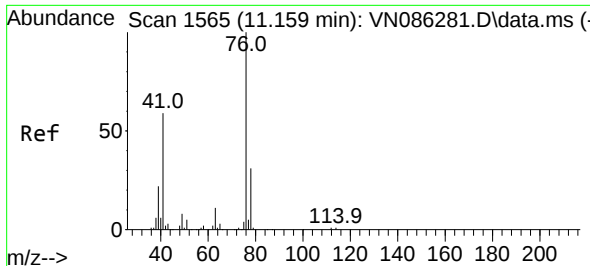
Tgt Ion:	97	Resp:	53630
Ion	Ratio	Lower	Upper
97	100		
83	89.0	68.4	102.6
85	56.2	43.9	65.9
99	61.3	47.2	70.8



#56
Ethyl methacrylate
Concen: 20.321 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion:	69	Resp:	100712
Ion	Ratio	Lower	Upper
69	100		
41	63.7	51.7	77.5
39	33.6	26.3	39.5





#57

1,3-Dichloropropane

Concen: 20.353 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN086280.D

Acq: 15 Apr 2025 13:09

Instrument :

MSVOA_N

ClientSampleId :

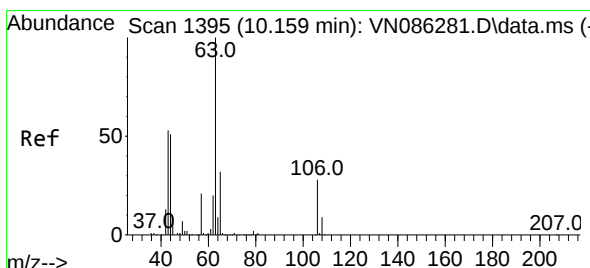
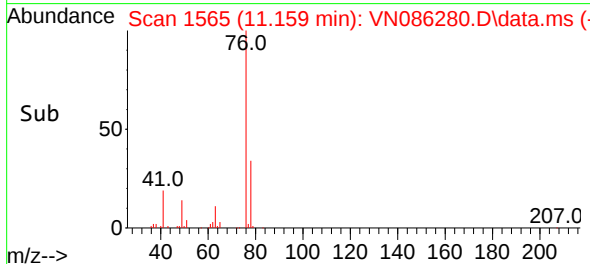
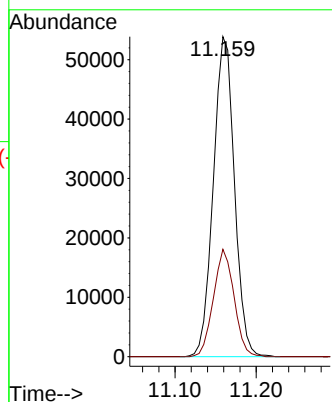
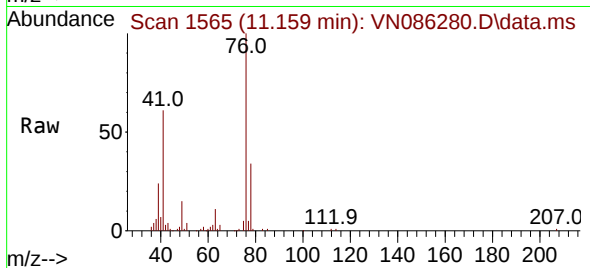
VSTDICC020

Tgt Ion: 76 Resp: 97363

Ion Ratio Lower Upper

76 100

78 32.8 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 94.702 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN086280.D

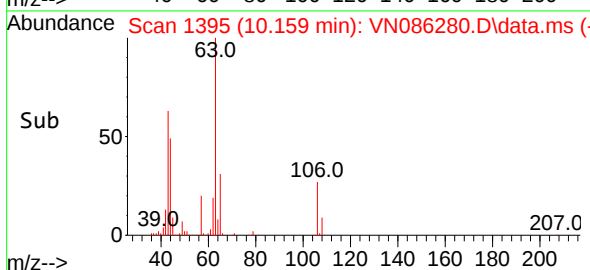
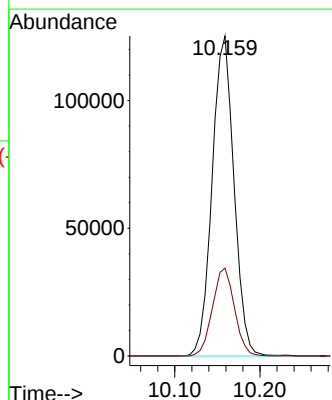
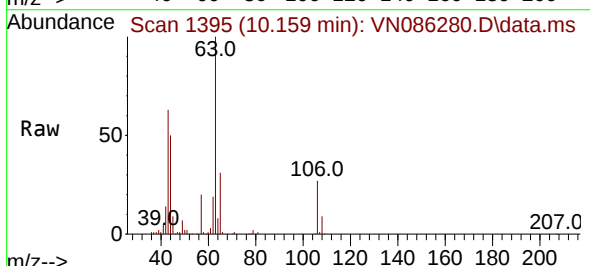
Acq: 15 Apr 2025 13:09

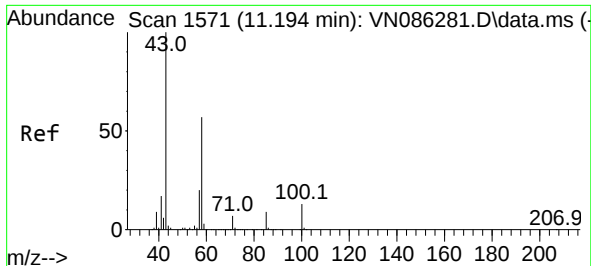
Tgt Ion: 63 Resp: 222766

Ion Ratio Lower Upper

63 100

106 27.6 22.2 33.2

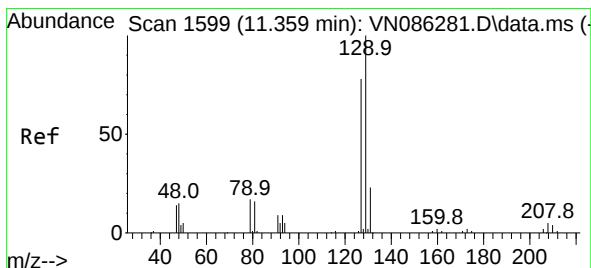
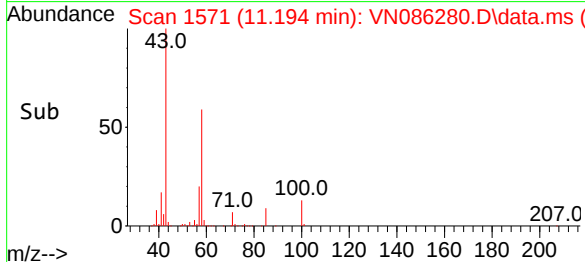
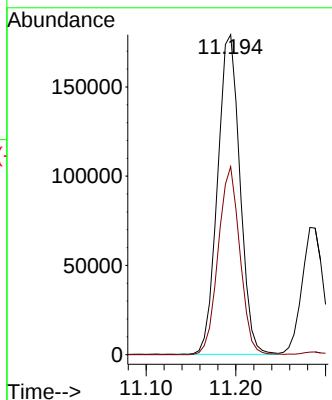
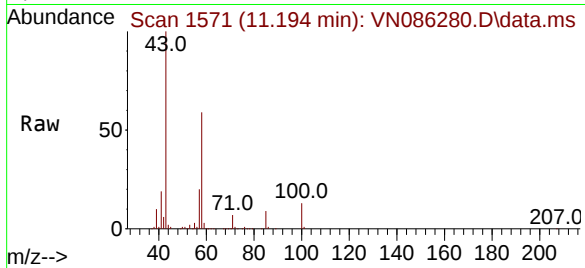




#59
2-Hexanone
Concen: 103.408 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

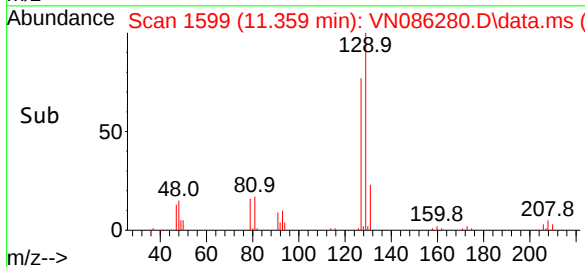
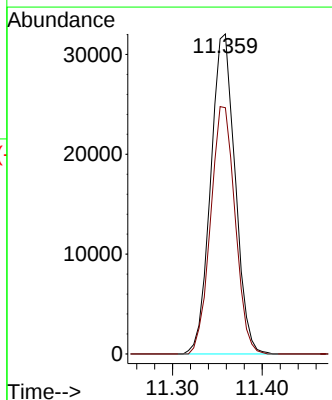
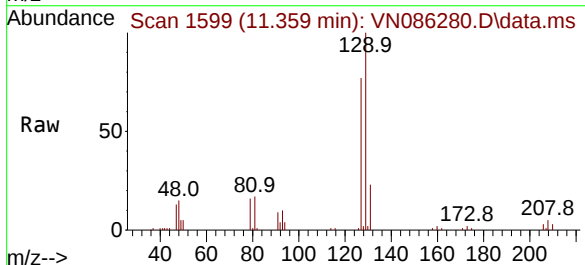
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

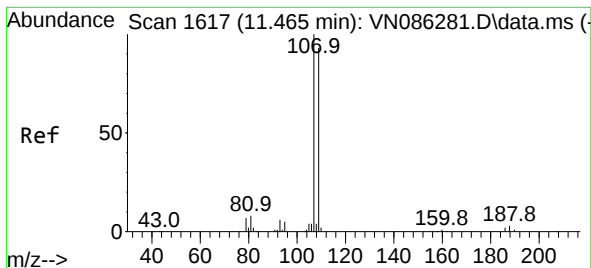
Tgt Ion: 43 Resp: 309954
Ion Ratio Lower Upper
43 100
58 56.9 28.3 85.0



#60
Dibromochloromethane
Concen: 20.467 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 129 Resp: 60596
Ion Ratio Lower Upper
129 100
127 77.3 38.7 116.1

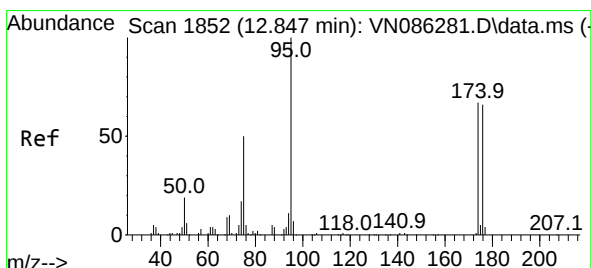
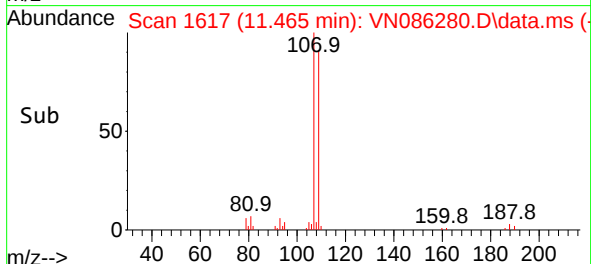
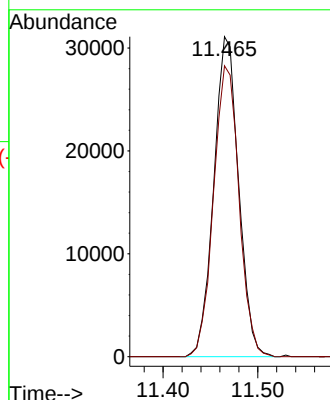
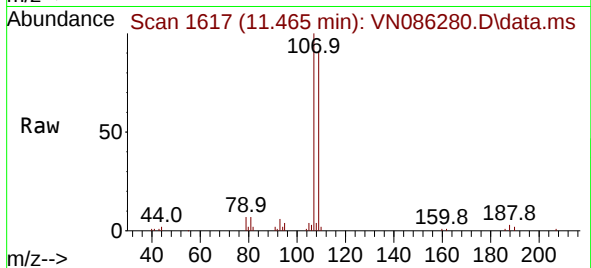




#61
1,2-Dibromoethane
Concen: 20.834 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

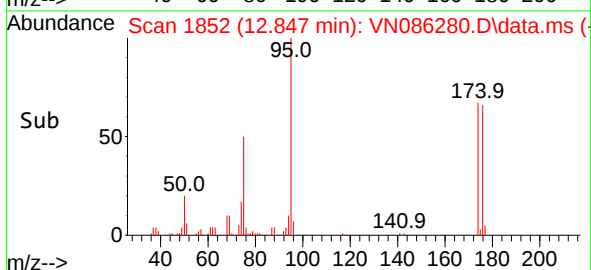
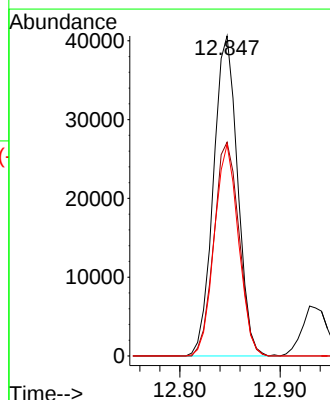
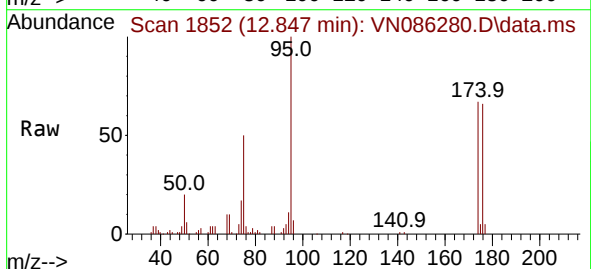
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

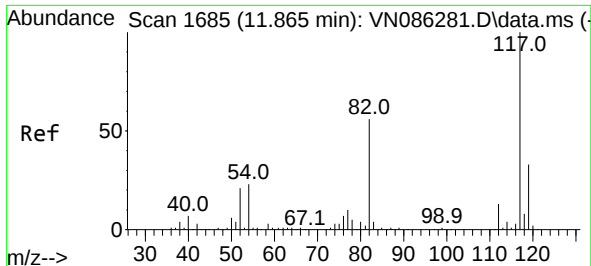
Tgt Ion:107 Resp: 56679
Ion Ratio Lower Upper
107 100
109 93.2 75.4 113.0



#62
4-Bromofluorobenzene
Concen: 18.596 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 95 Resp: 68030
Ion Ratio Lower Upper
95 100
174 69.5 0.0 133.4
176 66.0 0.0 129.2

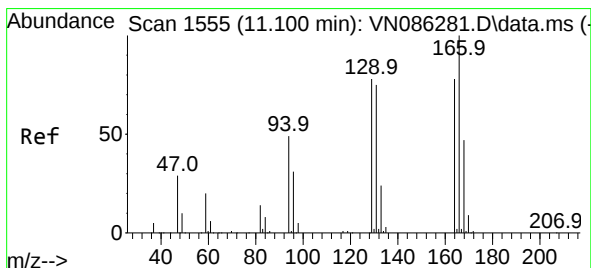
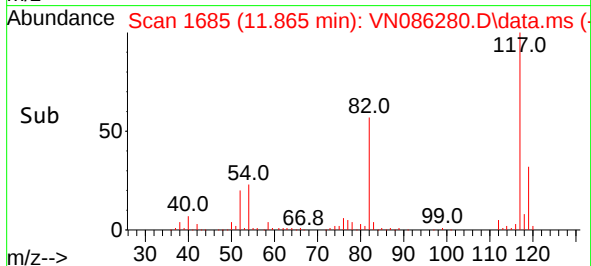
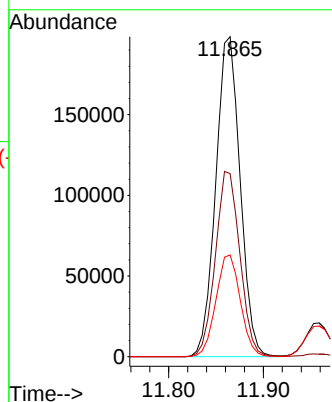
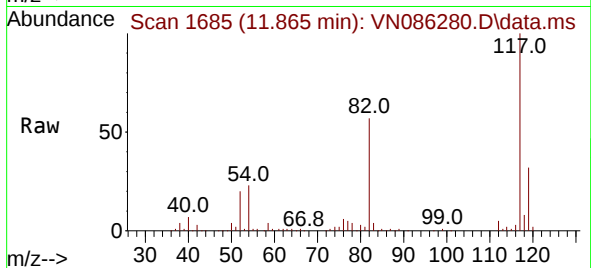




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

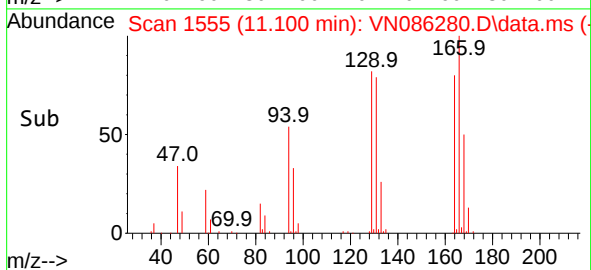
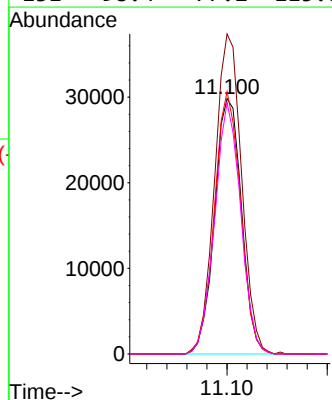
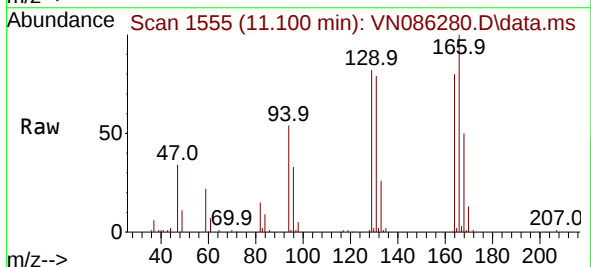
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

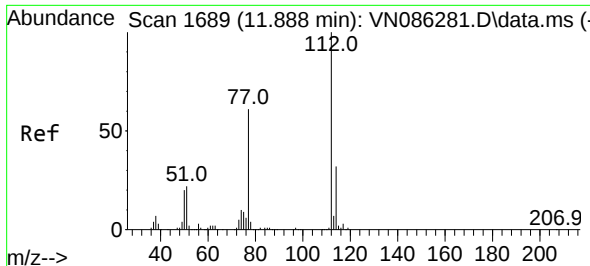
Tgt Ion:117 Resp: 355626
Ion Ratio Lower Upper
117 100
82 57.2 44.7 67.1
119 31.8 26.4 39.6



#64
Tetrachloroethene
Concen: 20.282 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion:164 Resp: 55481
Ion Ratio Lower Upper
164 100
166 125.3 103.0 154.4
129 102.7 80.1 120.1
131 98.4 77.2 115.8

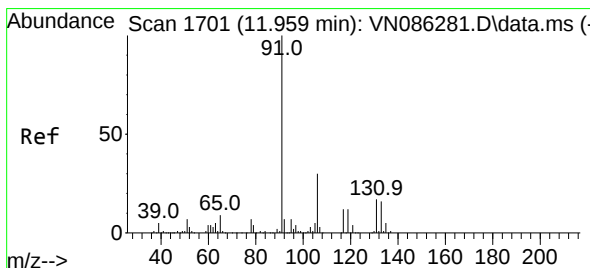
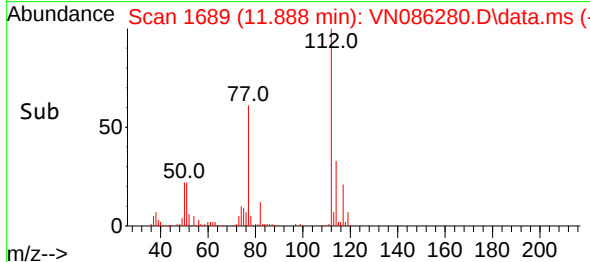
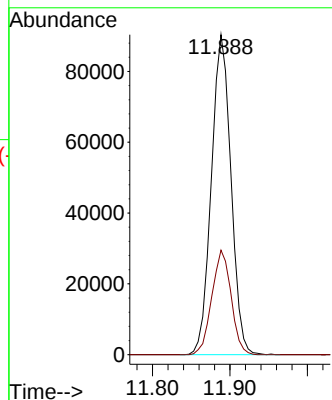
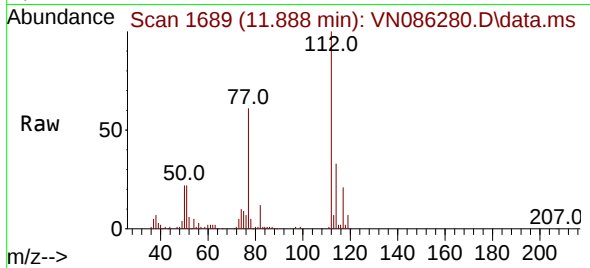




#65
Chlorobenzene
Concen: 20.024 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

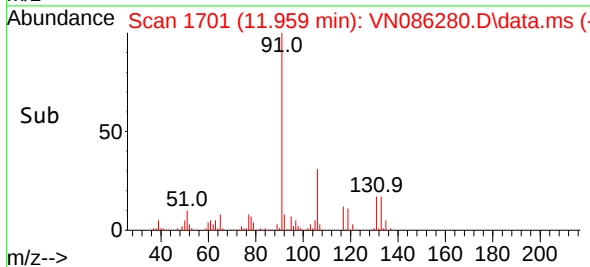
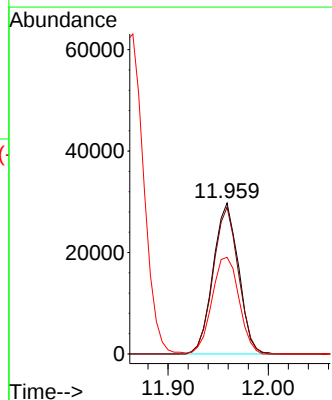
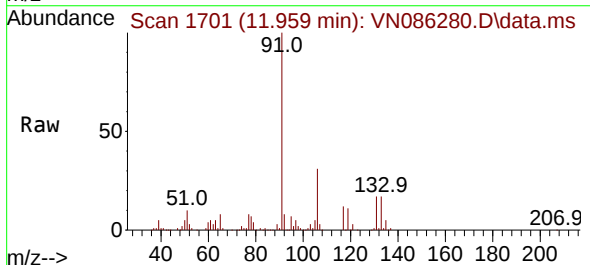
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

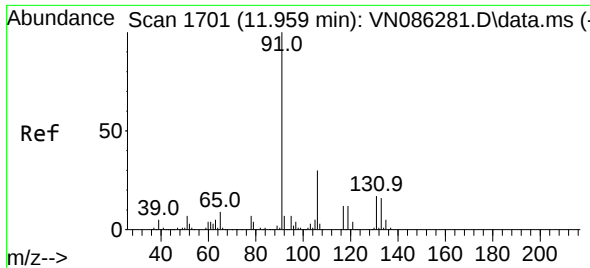
Tgt Ion:112 Resp: 158917
Ion Ratio Lower Upper
112 100
114 32.6 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.010 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion:131 Resp: 52389
Ion Ratio Lower Upper
131 100
133 96.9 47.1 141.3
119 68.2 33.8 101.4

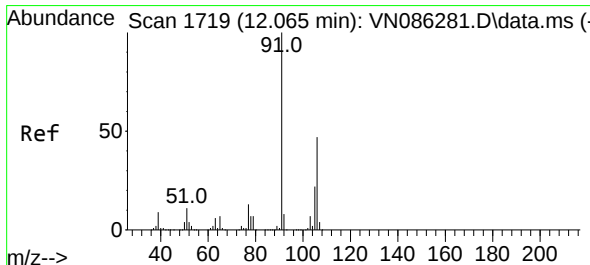
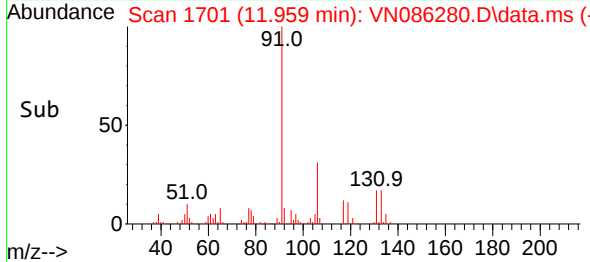
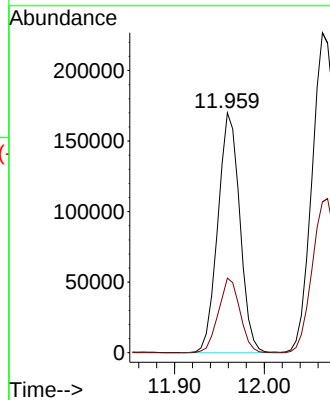
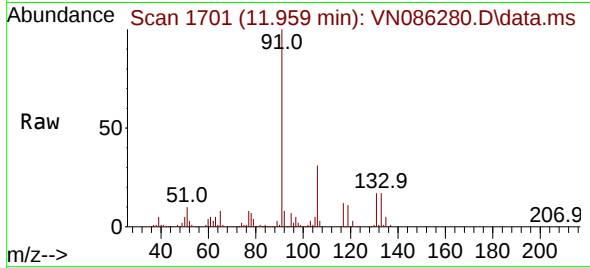




#67
Ethyl Benzene
Concen: 20.144 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

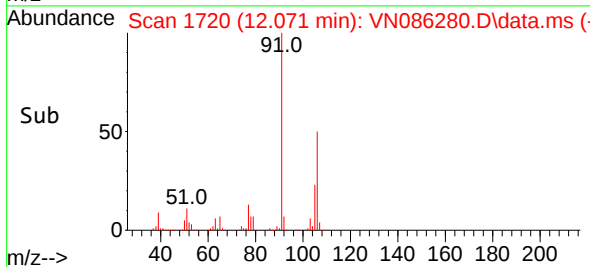
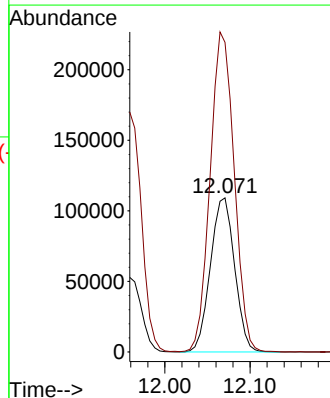
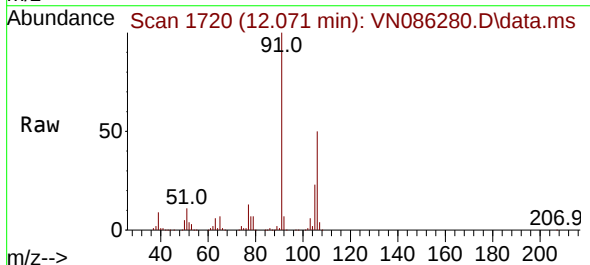
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

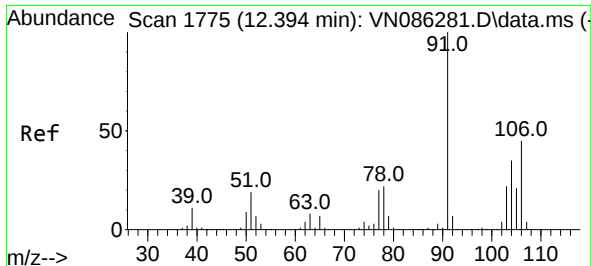
Tgt Ion: 91 Resp: 288483
Ion Ratio Lower Upper
91 100
106 31.1 24.3 36.5



#68
m/p-Xylenes
Concen: 40.122 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion:106 Resp: 215301
Ion Ratio Lower Upper
106 100
91 207.0 166.5 249.7

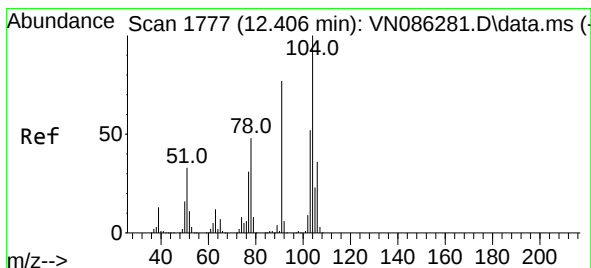
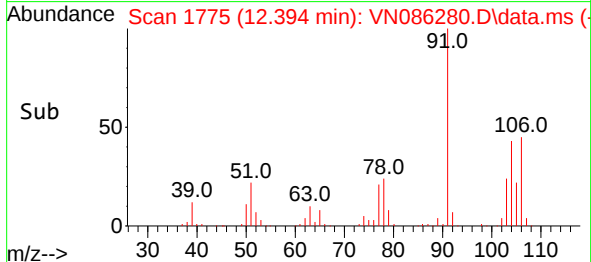
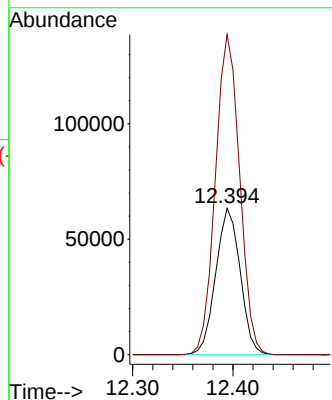
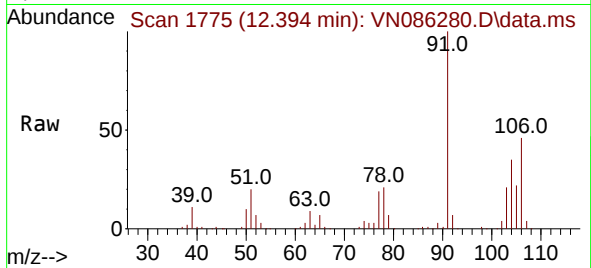




#69
o-Xylene
Concen: 20.193 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

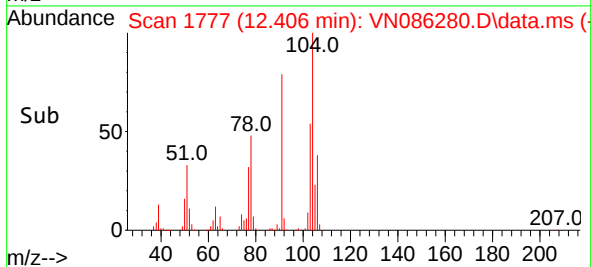
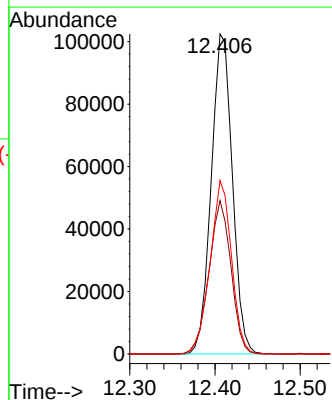
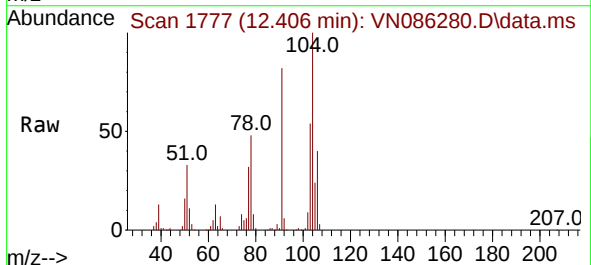
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

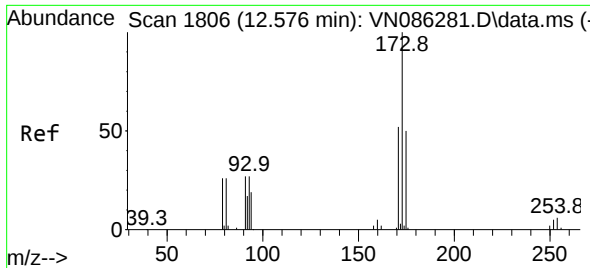
Tgt Ion:106 Resp: 107161
Ion Ratio Lower Upper
106 100
91 217.5 109.7 329.0



#70
Styrene
Concen: 20.029 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion:104 Resp: 177099
Ion Ratio Lower Upper
104 100
78 49.8 40.6 61.0
103 55.0 43.6 65.4

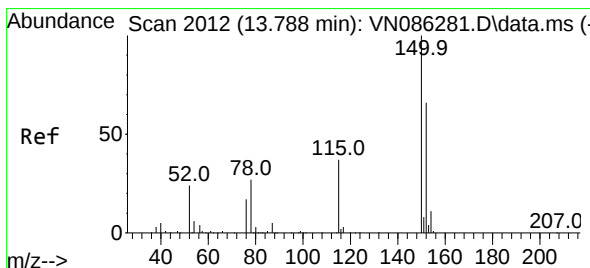
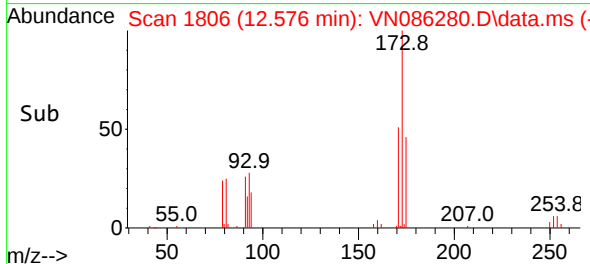
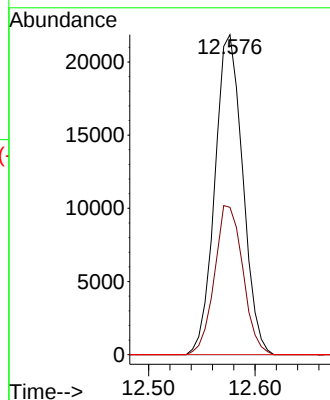
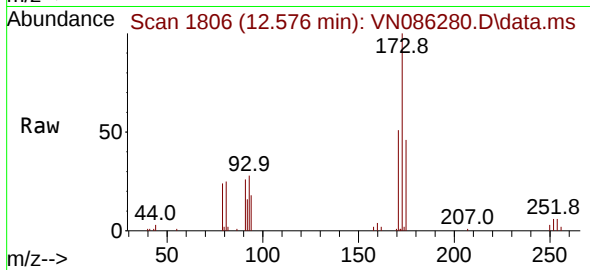




#71
Bromoform
Concen: 20.138 ug/l
RT: 12.576 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

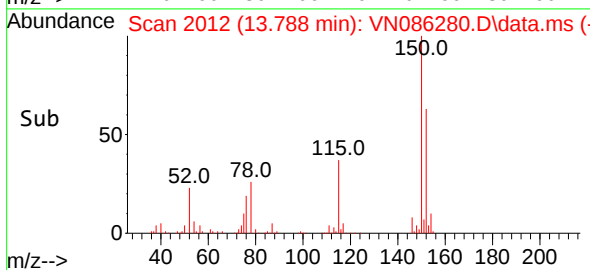
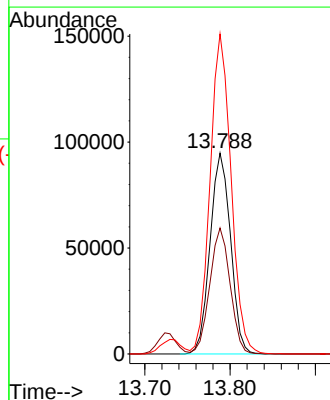
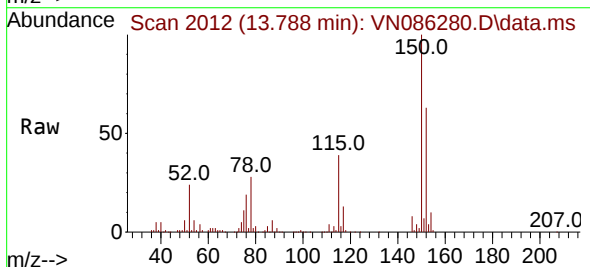
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

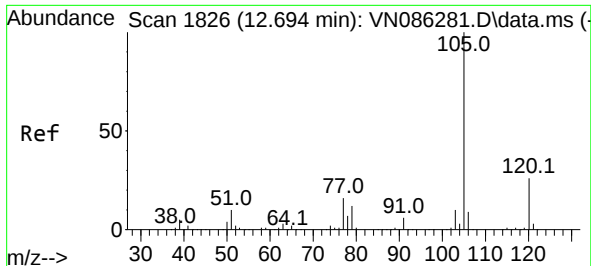
Tgt Ion:173 Resp: 39697
Ion Ratio Lower Upper
173 100
175 47.5 24.6 73.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion:152 Resp: 158232
Ion Ratio Lower Upper
152 100
115 62.3 31.9 95.9
150 163.3 0.0 352.0

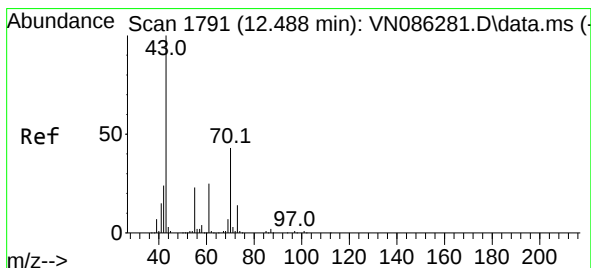
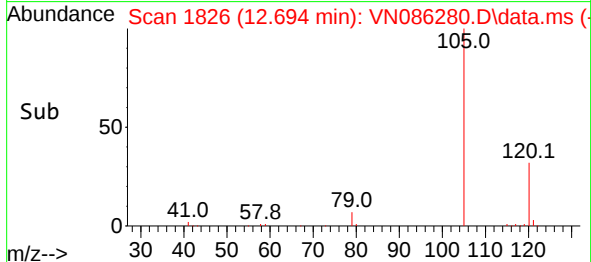
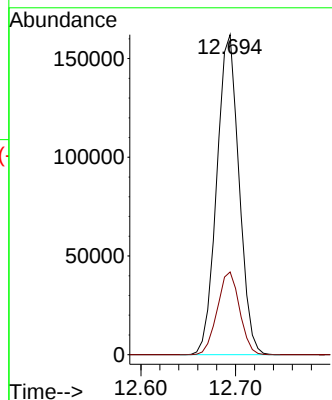
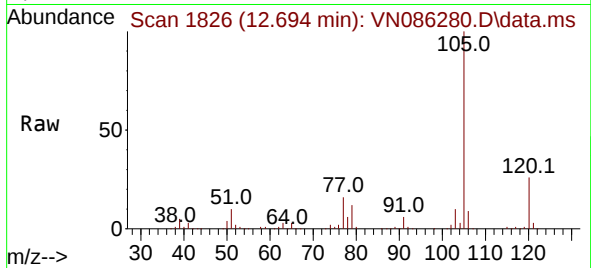




#73
Isopropylbenzene
Concen: 20.443 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

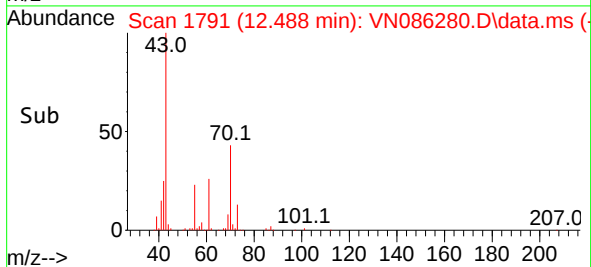
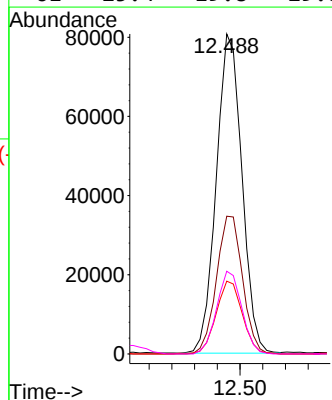
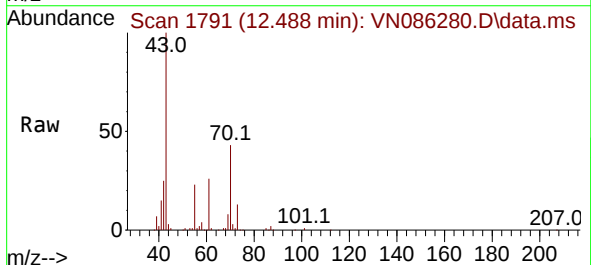
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

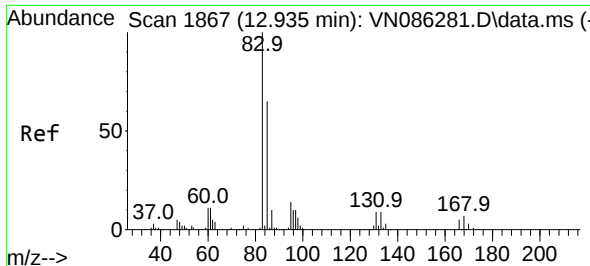
Tgt Ion:105 Resp: 264607
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.3



#74
N-ethyl acetate
Concen: 19.643 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 43 Resp: 126575
Ion Ratio Lower Upper
43 100
70 43.8 35.0 52.4
55 23.3 19.0 28.4
61 25.4 19.8 29.8

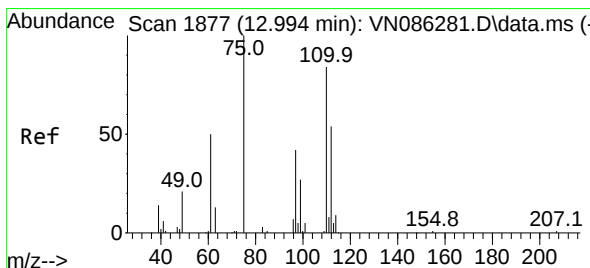
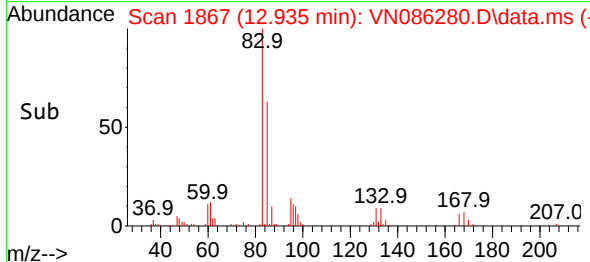
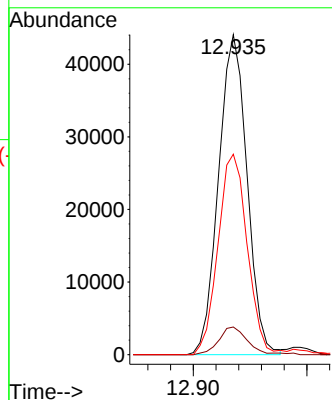
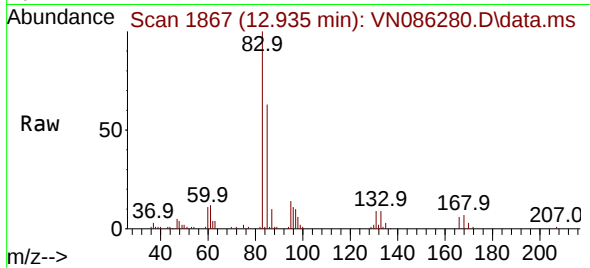




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.620 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN086280.D
 Acq: 15 Apr 2025 13:09

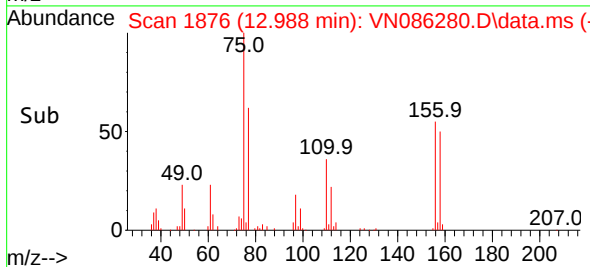
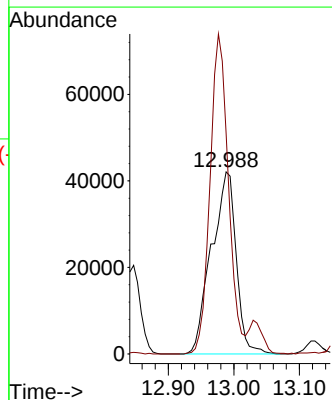
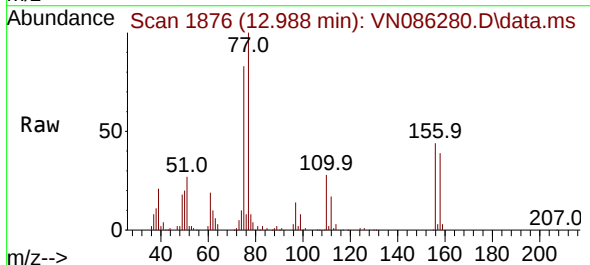
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

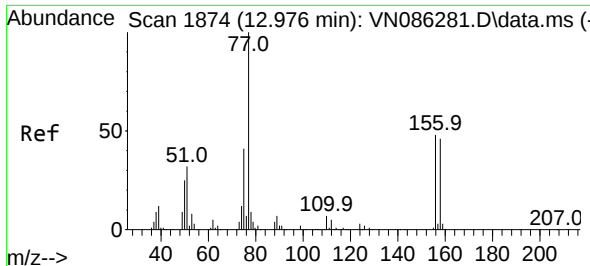
Tgt Ion: 83 Resp: 76740
 Ion Ratio Lower Upper
 83 100
 131 8.8 4.7 14.1
 85 64.3 32.7 98.1



#76
 1,2,3-Trichloropropane
 Concen: 29.579 ug/l
 RT: 12.988 min Scan# 1876
 Delta R.T. -0.006 min
 Lab File: VN086280.D
 Acq: 15 Apr 2025 13:09

Tgt Ion: 75 Resp: 109954
 Ion Ratio Lower Upper
 75 100
 77 131.3 98.8 296.4

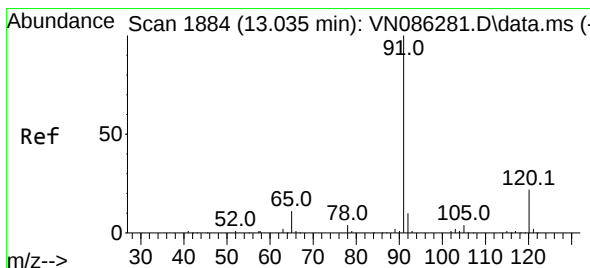
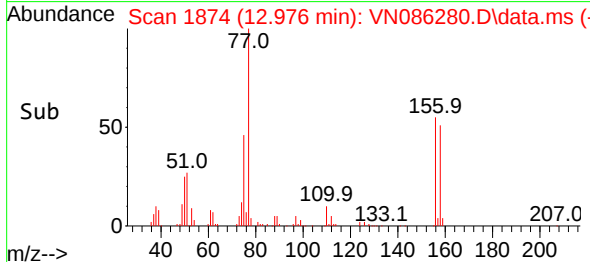
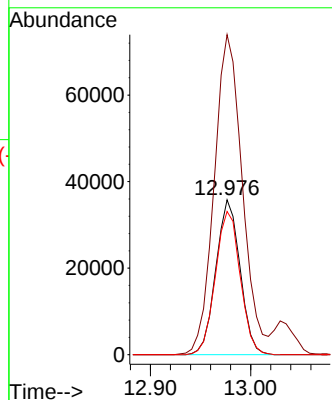
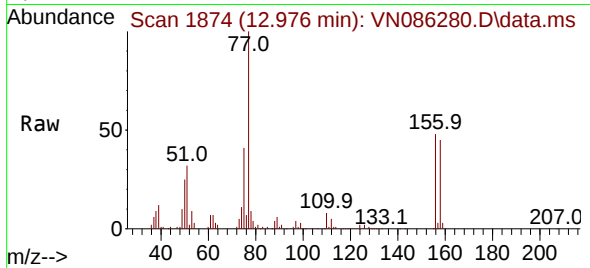




#77
Bromobenzene
Concen: 20.882 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

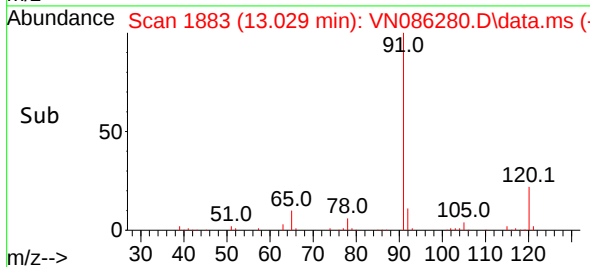
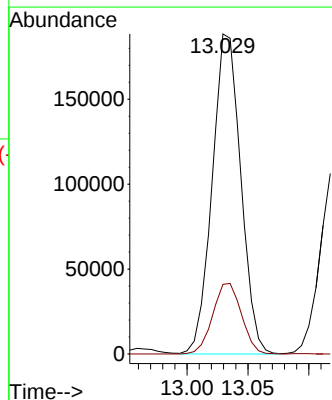
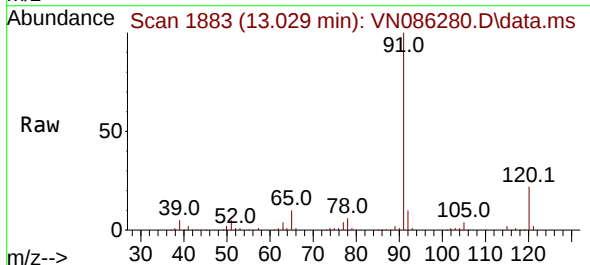
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

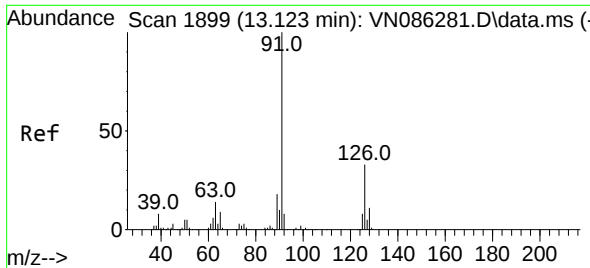
Tgt Ion:156 Resp: 59889
Ion Ratio Lower Upper
156 100
77 241.1 121.1 363.1
158 95.0 47.9 143.6



#78
n-propylbenzene
Concen: 20.176 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 91 Resp: 307737
Ion Ratio Lower Upper
91 100
120 22.1 11.1 33.3

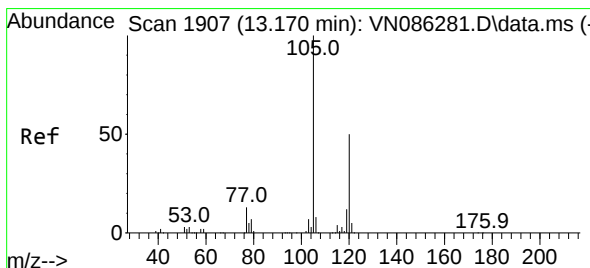
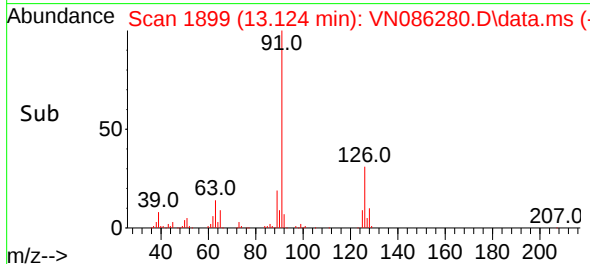
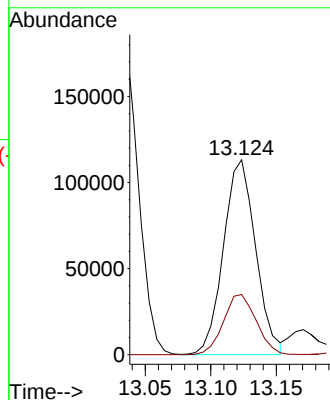
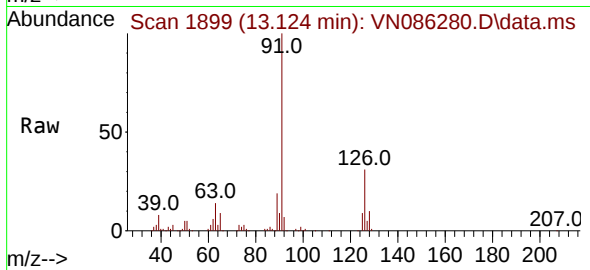




#79
2-Chlorotoluene
Concen: 20.281 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

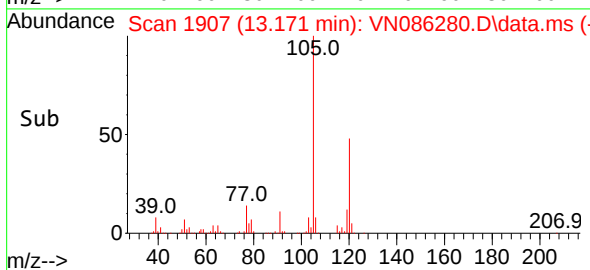
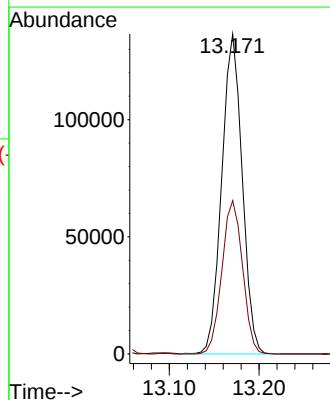
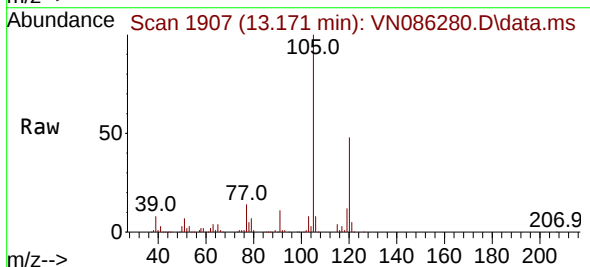
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

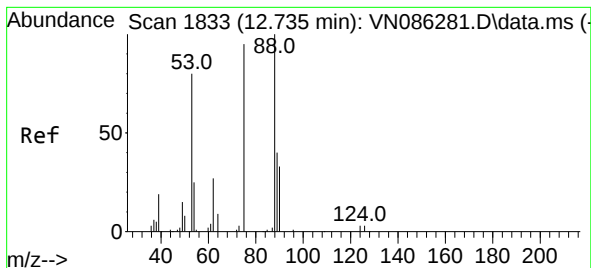
Tgt Ion: 91 Resp: 193569
Ion Ratio Lower Upper
91 100
126 31.5 16.1 48.2



#80
1,3,5-Trimethylbenzene
Concen: 20.423 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 105 Resp: 216364
Ion Ratio Lower Upper
105 100
120 48.3 24.5 73.5

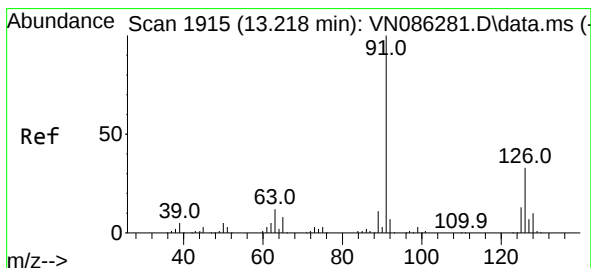
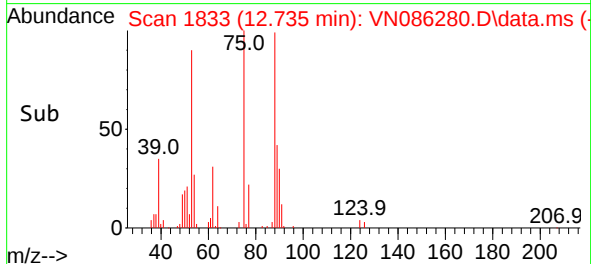
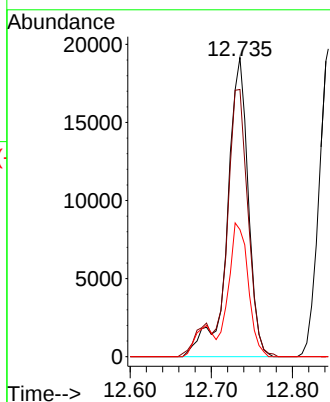
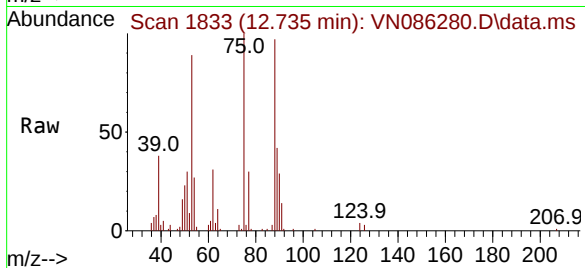




#81
trans-1,4-Dichloro-2-butene
Concen: 22.094 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

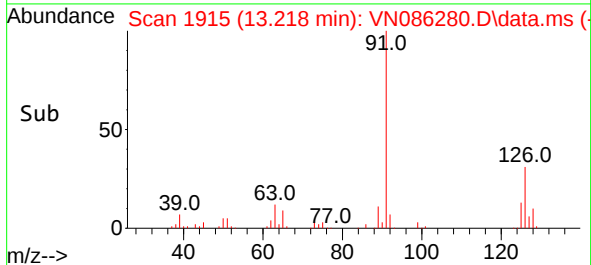
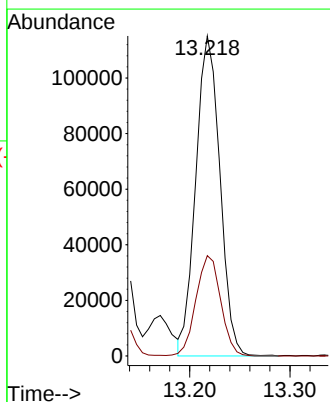
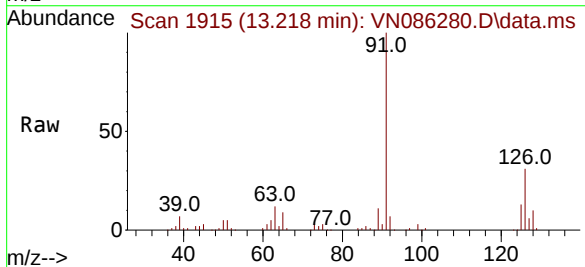
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

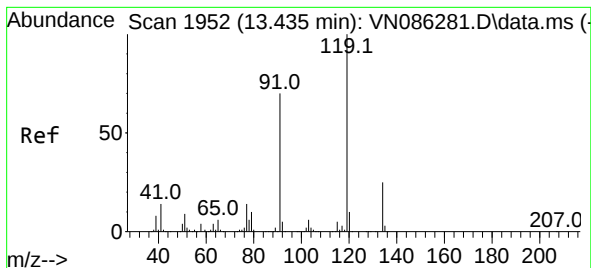
Tgt Ion: 75 Resp: 34349
Ion Ratio Lower Upper
75 100
53 86.2 79.2 118.8
89 41.7 35.7 53.5



#82
4-Chlorotoluene
Concen: 20.341 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 91 Resp: 192849
Ion Ratio Lower Upper
91 100
126 32.0 16.2 48.6





#83

tert-Butylbenzene

Concen: 19.901 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VN086280.D

Acq: 15 Apr 2025 13:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

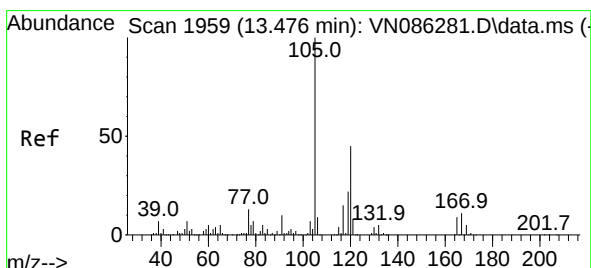
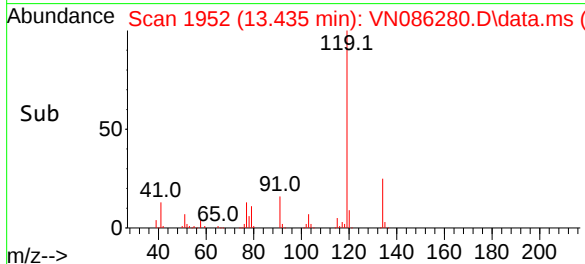
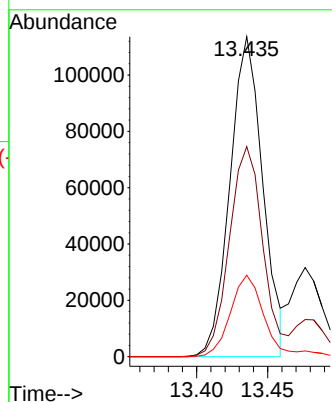
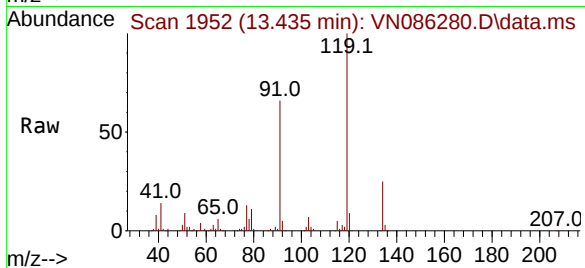
Tgt Ion:119 Resp: 182683

Ion Ratio Lower Upper

119 100

91 67.6 34.4 103.3

134 26.5 13.0 39.0



#84

1,2,4-Trimethylbenzene

Concen: 20.135 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. 0.000 min

Lab File: VN086280.D

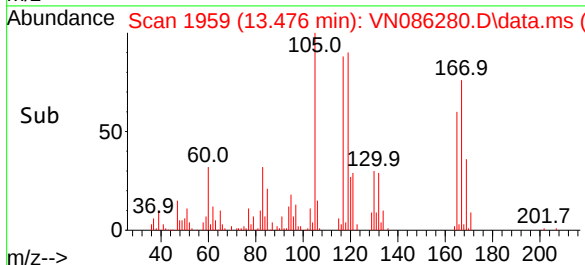
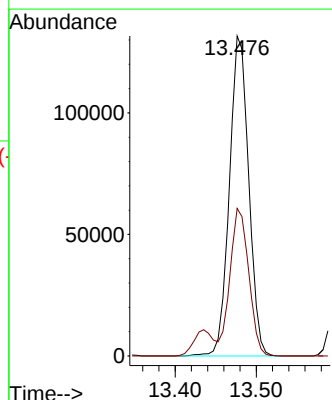
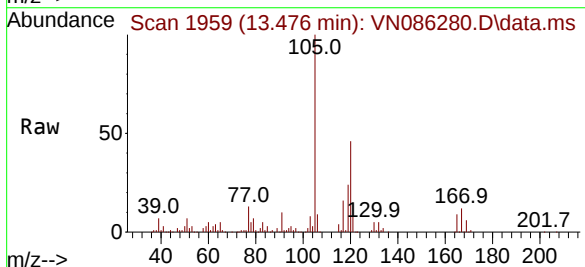
Acq: 15 Apr 2025 13:09

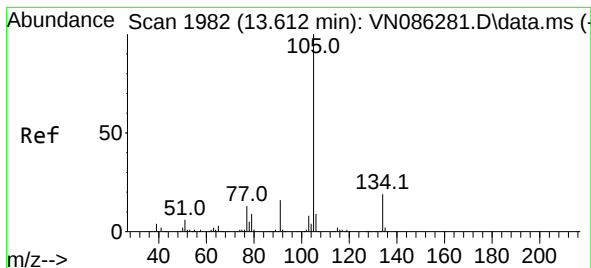
Tgt Ion:105 Resp: 217135

Ion Ratio Lower Upper

105 100

120 44.8 22.4 67.3





#85

sec-Butylbenzene

Concen: 19.838 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. 0.000 min

Lab File: VN086280.D

Acq: 15 Apr 2025 13:09

Instrument :

MSVOA_N

ClientSampleId :

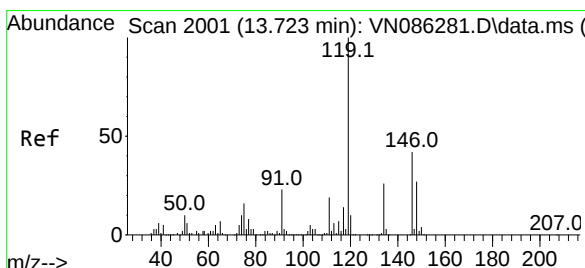
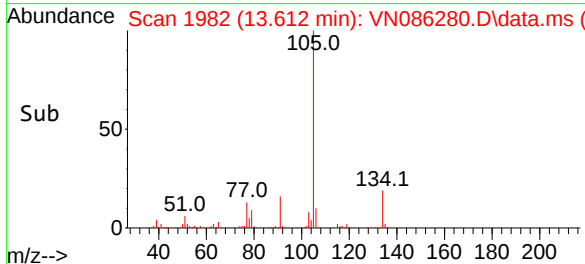
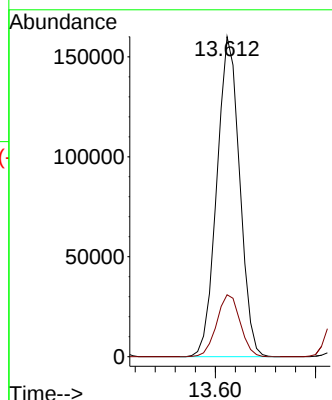
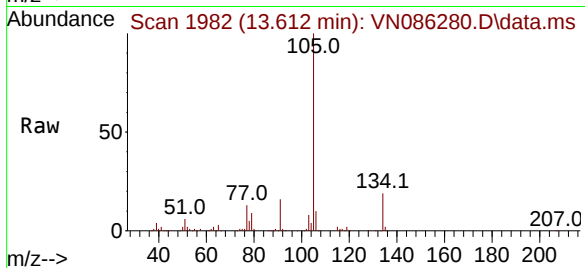
VSTDIC020

Tgt Ion:105 Resp: 252593

Ion Ratio Lower Upper

105 100

134 19.9 9.7 29.1



#86

p-Isopropyltoluene

Concen: 19.844 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VN086280.D

Acq: 15 Apr 2025 13:09

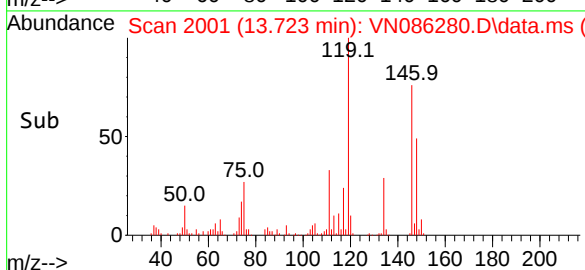
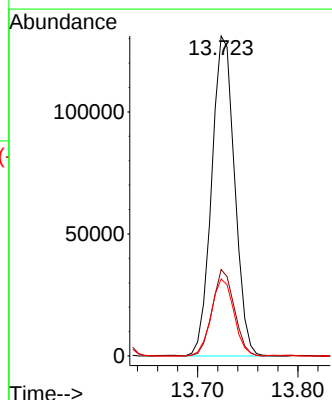
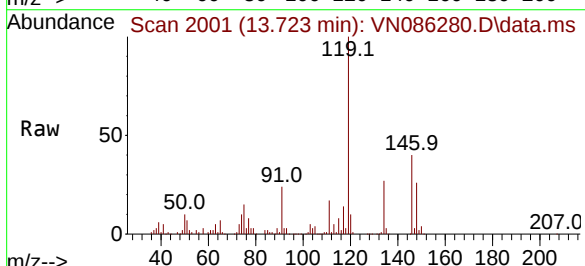
Tgt Ion:119 Resp: 208256

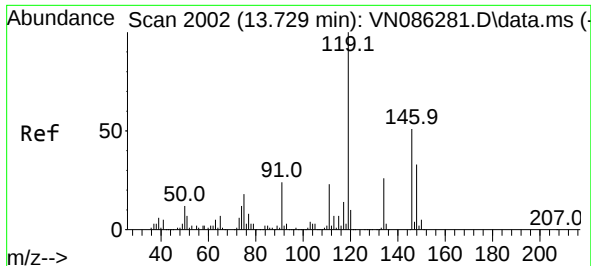
Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.1

91 23.8 11.9 35.9

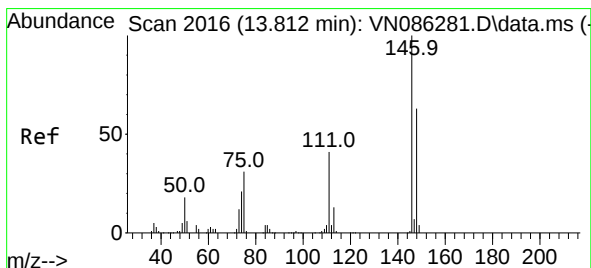
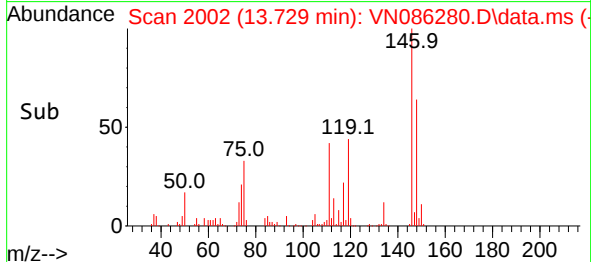
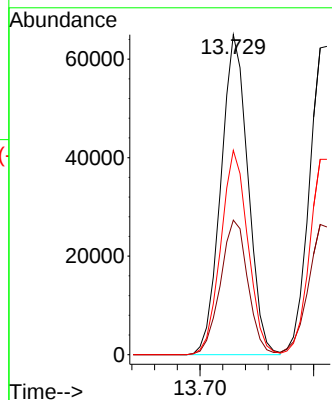
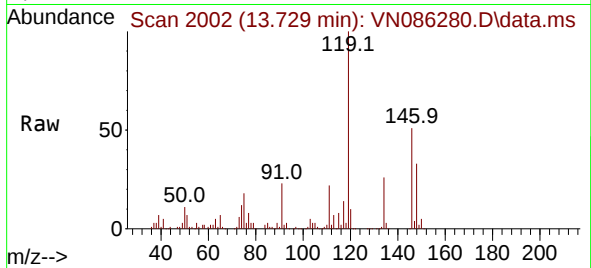




#87
1,3-Dichlorobenzene
Concen: 19.938 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

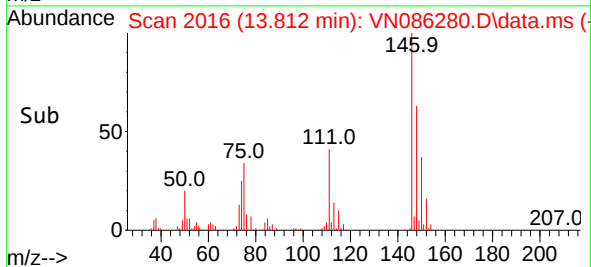
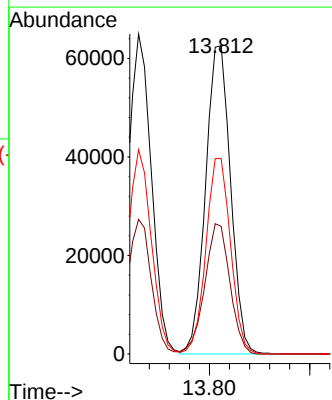
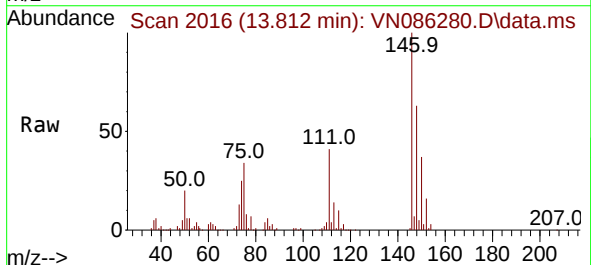
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

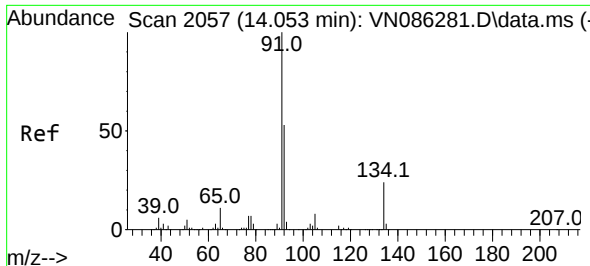
Tgt Ion:146 Resp: 107491
Ion Ratio Lower Upper
146 100
111 42.6 21.9 65.7
148 64.0 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 19.964 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion:146 Resp: 108412
Ion Ratio Lower Upper
146 100
111 42.6 21.3 63.9
148 62.6 31.9 95.9

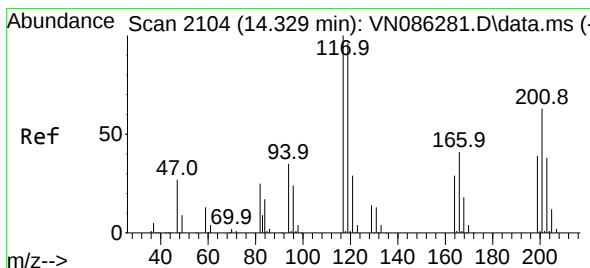
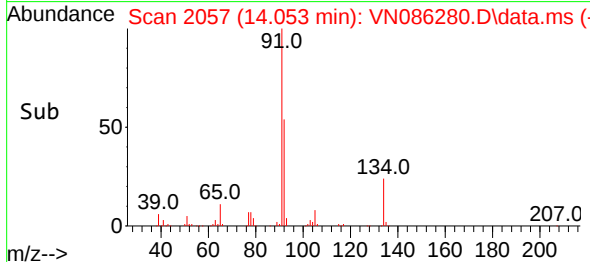
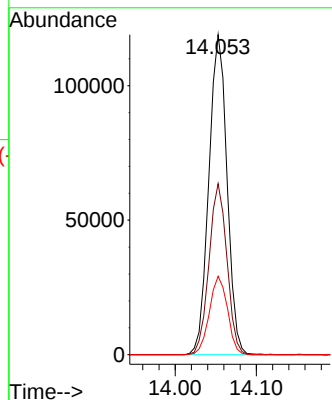
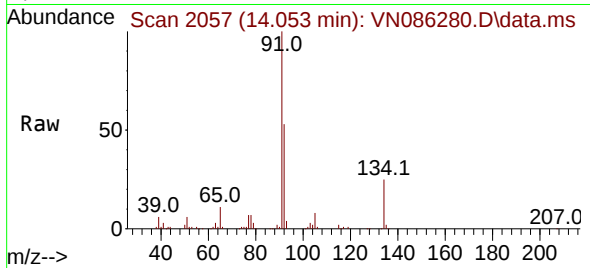




#89
n-Butylbenzene
Concen: 19.871 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

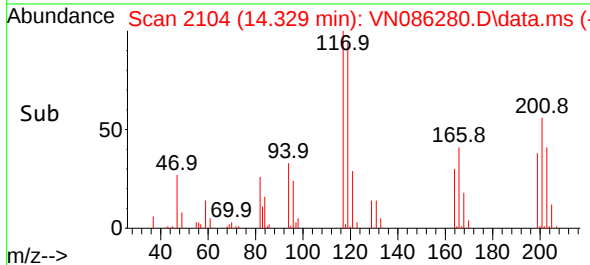
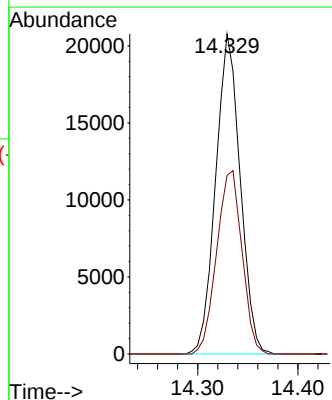
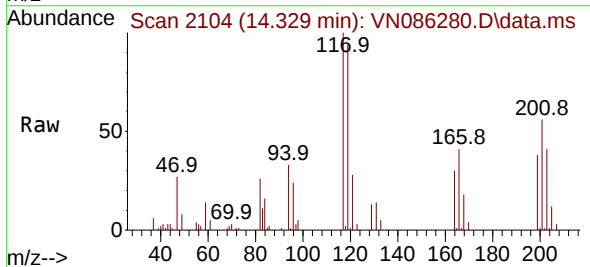
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

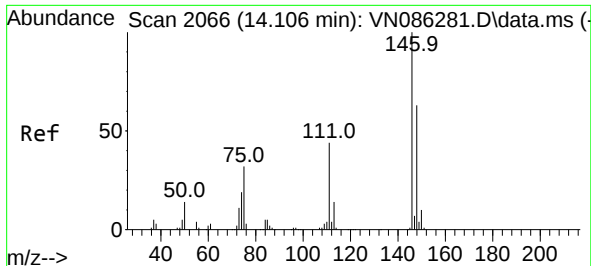
Tgt Ion: 91 Resp: 184852
Ion Ratio Lower Upper
91 100
92 52.6 26.8 80.4
134 24.4 12.2 36.6



#90
Hexachloroethane
Concen: 19.968 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 117 Resp: 35250
Ion Ratio Lower Upper
117 100
201 59.3 31.4 94.2

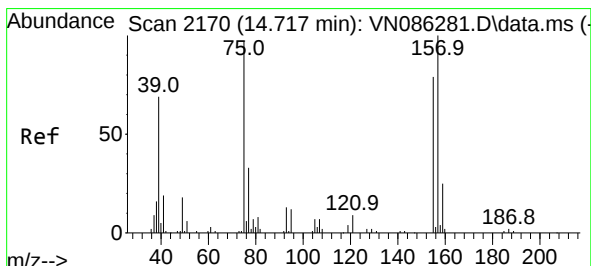
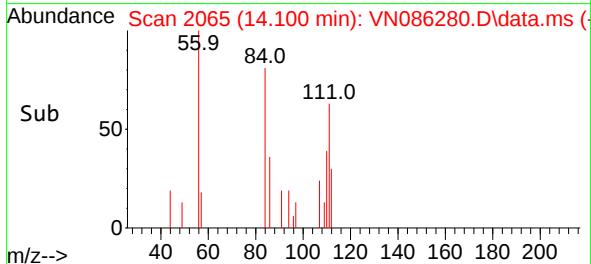
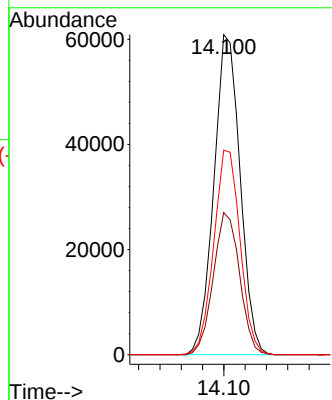
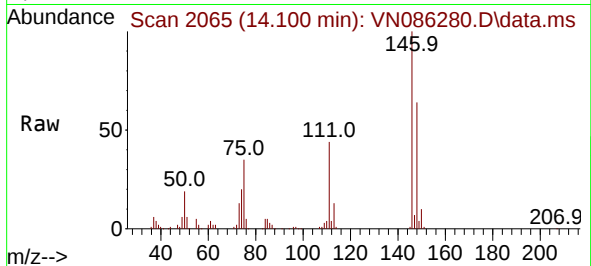




#91
1,2-Dichlorobenzene
Concen: 19.932 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

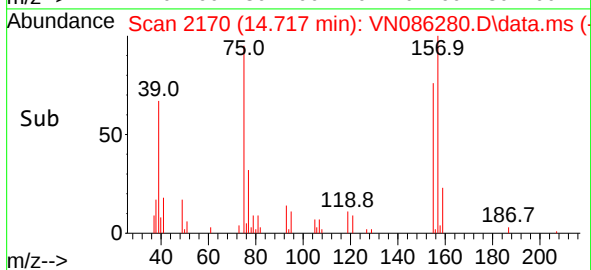
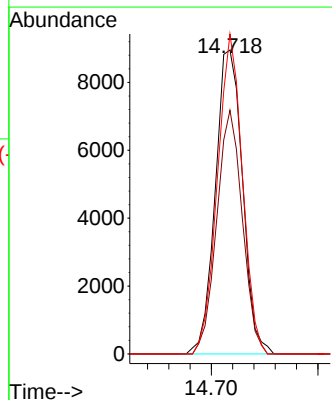
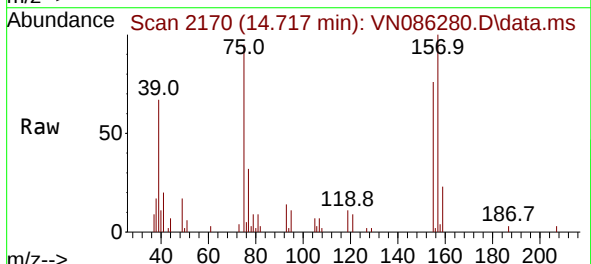
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

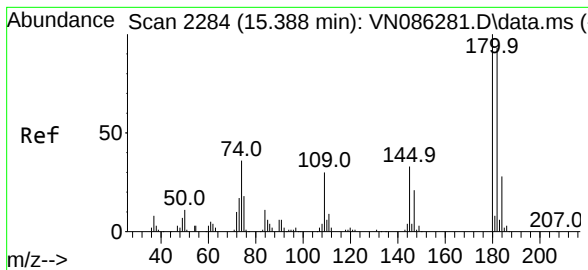
Tgt Ion:146 Resp: 104185
Ion Ratio Lower Upper
146 100
111 44.5 22.4 67.0
148 64.1 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.139 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 75 Resp: 15863
Ion Ratio Lower Upper
75 100
155 75.5 40.3 120.9
157 96.5 49.0 147.2

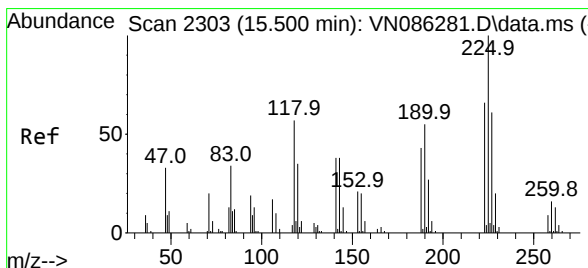
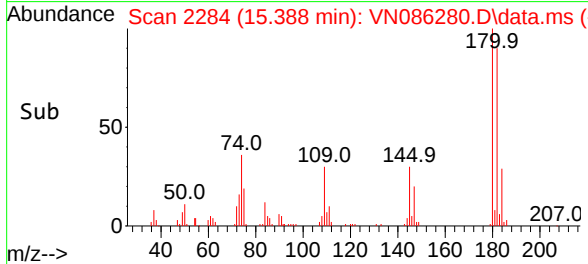
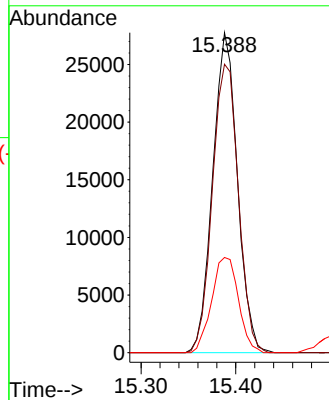
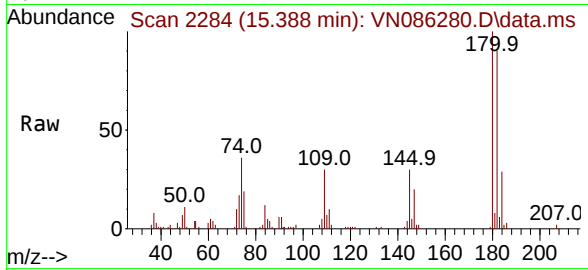




#93
1,2,4-Trichlorobenzene
Concen: 20.048 ug/l
RT: 15.388 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

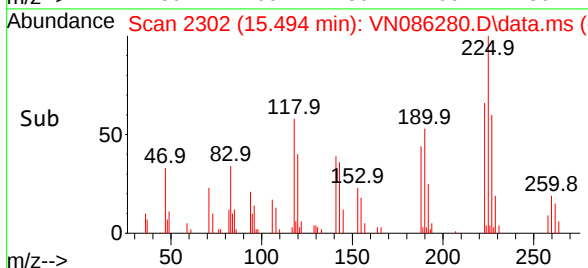
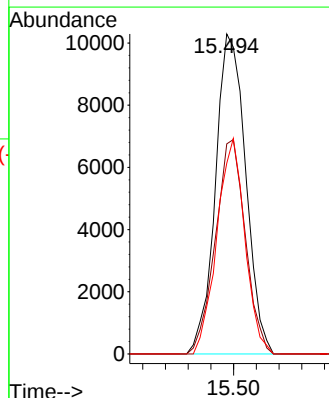
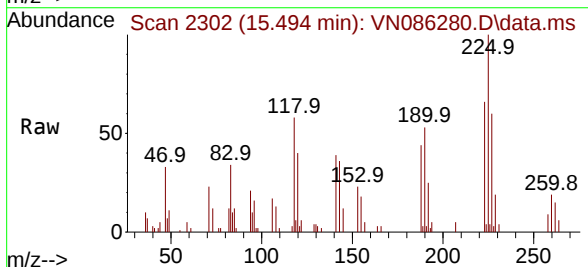
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

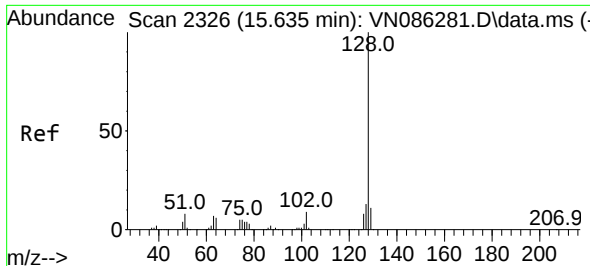
Tgt Ion:180 Resp: 50179
Ion Ratio Lower Upper
180 100
182 95.1 47.0 141.0
145 32.3 16.4 49.1



#94
Hexachlorobutadiene
Concen: 20.135 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion:225 Resp: 19024
Ion Ratio Lower Upper
225 100
223 66.4 32.8 98.3
227 62.2 31.4 94.0

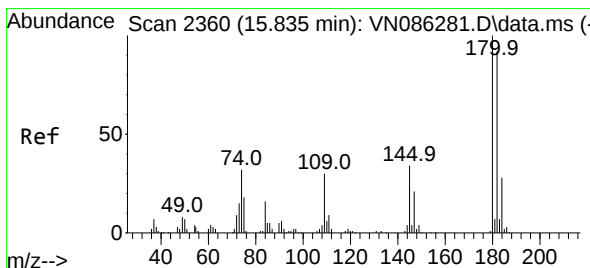
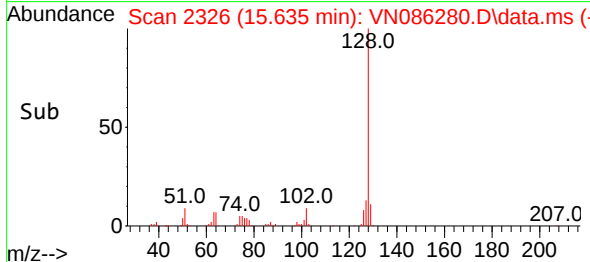
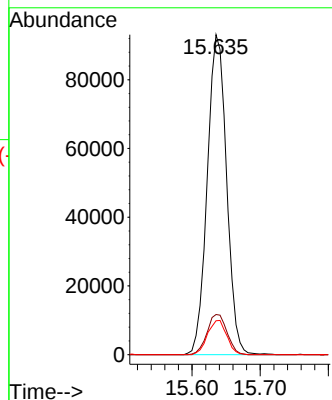
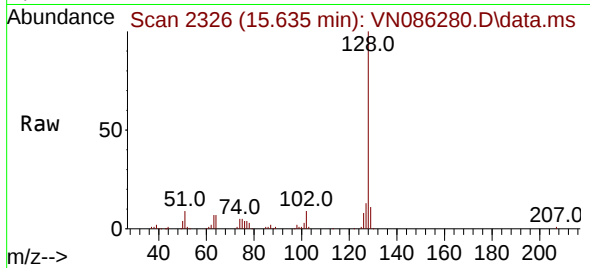




#95
Naphthalene
Concen: 20.717 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:128 Resp: 183816
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.6 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.013 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion:180 Resp: 47425
Ion Ratio Lower Upper
180 100
182 95.3 47.3 142.0
145 34.6 17.2 51.5

