

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032825\
 Data File : VN086144.D
 Acq On : 28 Mar 2025 12:41
 Operator : JC\MD
 Sample : VN0328WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328WBSD01

Quant Time: Mar 28 23:38:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	181135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	293753	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	265579	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	134304	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	124963	50.381	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.760%	
35) Dibromofluoromethane	8.165	113	103943	50.695	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.400%	
50) Toluene-d8	10.565	98	378798	50.904	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.800%	
62) 4-Bromofluorobenzene	12.847	95	129351	48.741	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 97.480%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	42527	17.721	ug/l	100
3) Chloromethane	2.360	50	44326	21.070	ug/l	100
4) Vinyl Chloride	2.512	62	44543	20.707	ug/l	95
5) Bromomethane	2.959	94	30889	21.081	ug/l	96
6) Chloroethane	3.124	64	28333	20.879	ug/l	88
7) Trichlorofluoromethane	3.501	101	69639	18.009	ug/l	97
8) Diethyl Ether	3.959	74	22733	19.204	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.371	101	40733	19.820	ug/l	98
10) Methyl Iodide	4.589	142	51454	19.215	ug/l #	94
11) Tert butyl alcohol	5.512	59	29250	83.292	ug/l #	87
12) 1,1-Dichloroethene	4.342	96	36110	19.459	ug/l	95
13) Acrolein	4.177	56	26688	71.253	ug/l	94
14) Allyl chloride	5.024	41	44431	19.192	ug/l	95
15) Acrylonitrile	5.712	53	92926	100.195	ug/l	96
16) Acetone	4.424	43	70858	93.508	ug/l	99
17) Carbon Disulfide	4.706	76	103263	16.920	ug/l	98
18) Methyl Acetate	5.024	43	45006	24.005	ug/l	96
19) Methyl tert-butyl Ether	5.795	73	119285	19.616	ug/l	97
20) Methylene Chloride	5.277	84	46337	20.903	ug/l #	94
21) trans-1,2-Dichloroethene	5.789	96	40218	19.831	ug/l	94
22) Diisopropyl ether	6.671	45	114083	23.124	ug/l	96
23) Vinyl Acetate	6.606	43	387929	103.727	ug/l	99
24) 1,1-Dichloroethane	6.571	63	73448	20.246	ug/l	99
25) 2-Butanone	7.483	43	108180	98.937	ug/l	96
26) 2,2-Dichloropropane	7.489	77	63591	18.207	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	46183	20.040	ug/l	98
28) Bromochloromethane	7.812	49	34091	22.180	ug/l	98
29) Tetrahydrofuran	7.836	42	72935	108.046	ug/l	94
30) Chloroform	7.965	83	81840	20.409	ug/l	97
31) Cyclohexane	8.259	56	57827	18.711	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	71066	18.722	ug/l	97
36) 1,1-Dichloropropene	8.365	75	51703	19.151	ug/l	99
37) Ethyl Acetate	7.559	43	47035	20.650	ug/l	98
38) Carbon Tetrachloride	8.359	117	64604	18.199	ug/l	98
39) Methylcyclohexane	9.594	83	46488	17.355	ug/l	98
40) Benzene	8.606	78	172081	20.304	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	22097	20.317	ug/l	98
42) 1,2-Dichloroethane	8.665	62	58446	19.791	ug/l	96
43) Isopropyl Acetate	8.683	43	80016	16.212	ug/l	96
44) Trichloroethene	9.347	130	40461	18.420	ug/l	100
45) 1,2-Dichloropropane	9.618	63	42240	21.912	ug/l	98
46) Dibromomethane	9.706	93	31047	20.480	ug/l	99
47) Bromodichloromethane	9.883	83	64791	20.449	ug/l	94
48) Methyl methacrylate	9.683	41	32807	20.143	ug/l	96
49) 1,4-Dioxane	9.694	88	15649	406.449	ug/l	89
51) 4-Methyl-2-Pentanone	10.441	43	232538	106.830	ug/l	98
52) Toluene	10.630	92	108927	20.940	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	61796	20.083	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	66044	20.344	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	43733	22.028	ug/l	96
56) Ethyl methacrylate	10.871	69	56508	20.747	ug/l	96
57) 1,3-Dichloropropane	11.159	76	70616	20.941	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	119242	114.520	ug/l	99
59) 2-Hexanone	11.194	43	163144	102.883	ug/l	96
60) Dibromochloromethane	11.359	129	53052	20.708	ug/l	100
61) 1,2-Dibromoethane	11.465	107	40818	20.026	ug/l	93
64) Tetrachloroethene	11.100	164	40855	19.284	ug/l	96
65) Chlorobenzene	11.888	112	116410	19.155	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	44208	19.569	ug/l	97
67) Ethyl Benzene	11.959	91	180001	18.516	ug/l	100
68) m/p-Xylenes	12.071	106	145711	38.136	ug/l	99
69) o-Xylene	12.394	106	69126	19.712	ug/l	93
70) Styrene	12.412	104	116489	19.448	ug/l	99
71) Bromoform	12.576	173	37171	19.683	ug/l #	96
73) Isopropylbenzene	12.694	105	166250	18.127	ug/l	99
74) N-amyl acetate	12.494	43	59254	19.311	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	60884	19.622	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	77574	25.799	ug/l	73
77) Bromobenzene	12.976	156	48714	19.049	ug/l	99
78) n-propylbenzene	13.035	91	196208	18.893	ug/l	98
79) 2-Chlorotoluene	13.124	91	130996	18.990	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	145267	18.760	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	19623	17.254	ug/l	93
82) 4-Chlorotoluene	13.218	91	133668	18.843	ug/l	98
83) tert-Butylbenzene	13.435	119	114149	17.236	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	147040	18.827	ug/l	99
85) sec-Butylbenzene	13.612	105	162233	18.778	ug/l	99
86) p-Isopropyltoluene	13.729	119	133053	18.193	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	85791	18.611	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	86812	17.925	ug/l	100
89) n-Butylbenzene	14.053	91	105199	17.664	ug/l	96
90) Hexachloroethane	14.329	117	29769	17.641	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	84504	18.441	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	11168	18.031	ug/l	90
93) 1,2,4-Trichlorobenzene	15.388	180	36662	15.911	ug/l	99
94) Hexachlorobutadiene	15.500	225	21308	15.940	ug/l	99
95) Naphthalene	15.641	128	100191	15.017	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	36899	16.877	ug/l	98

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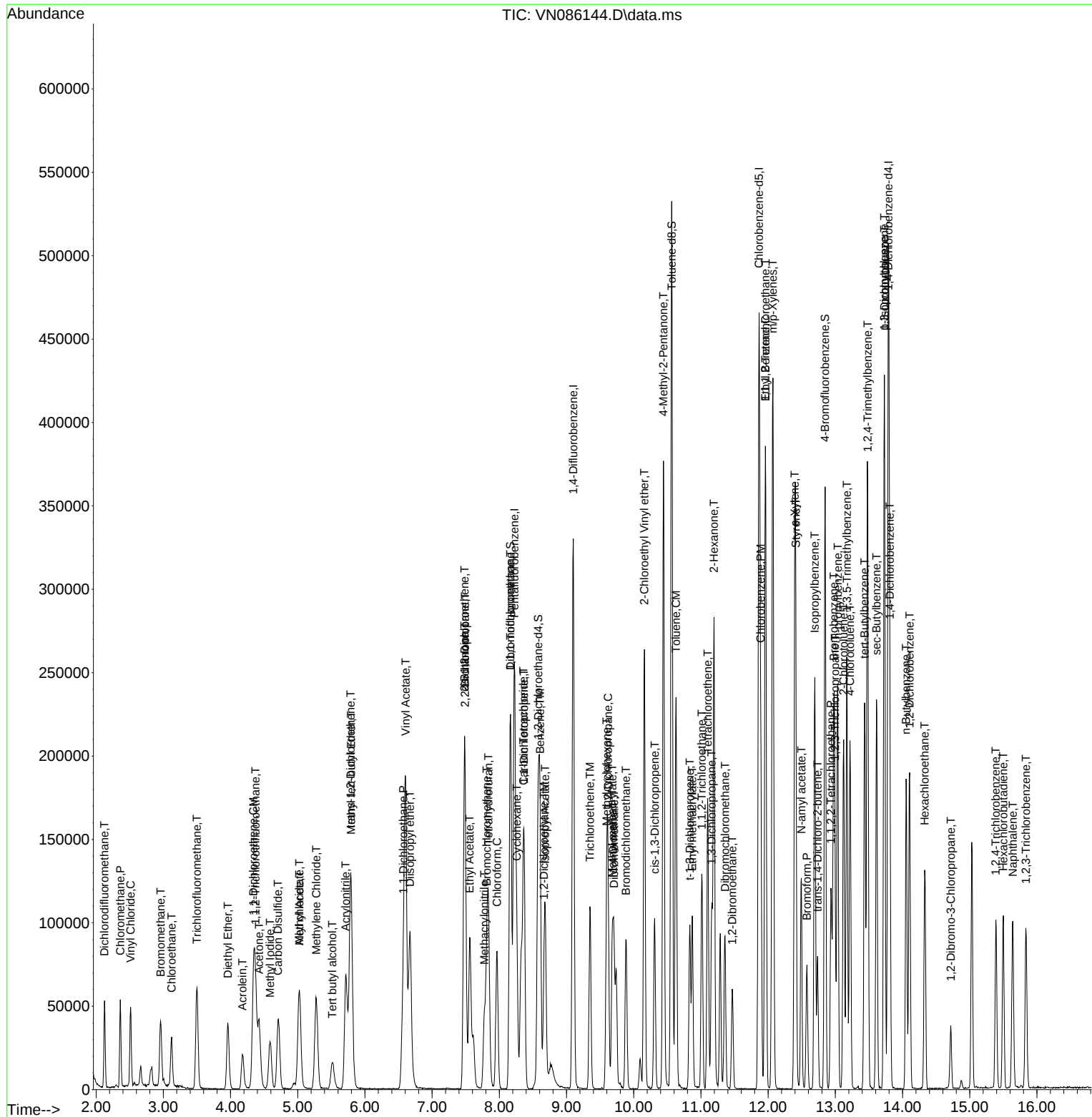
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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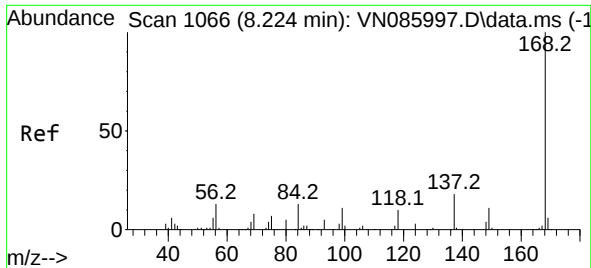
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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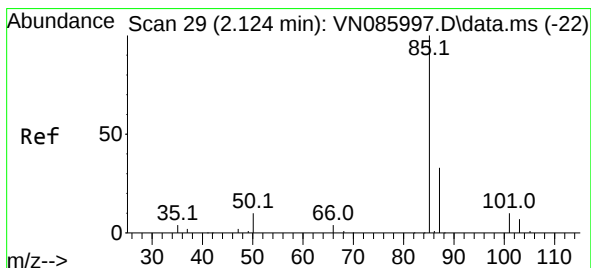
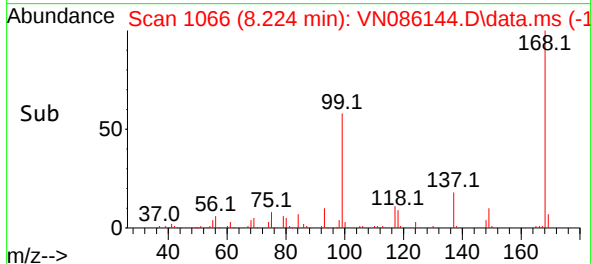
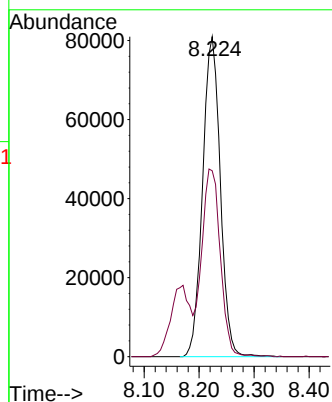
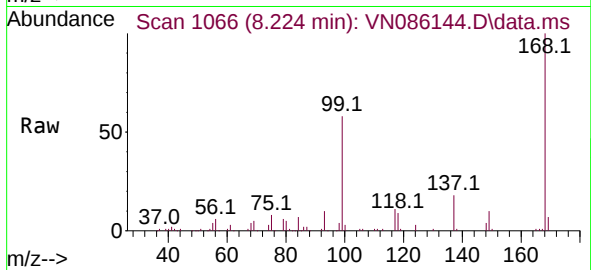




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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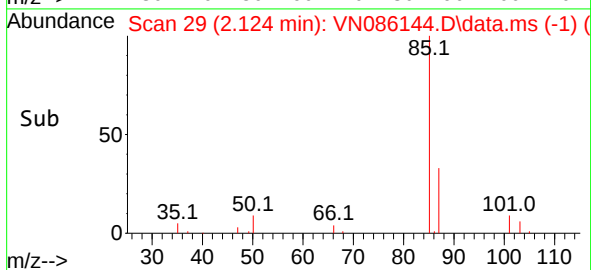
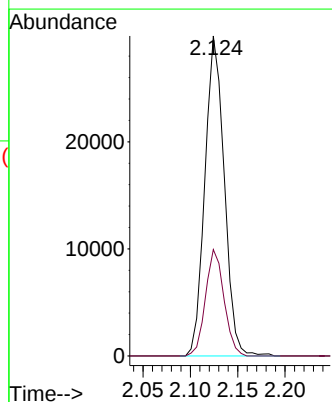
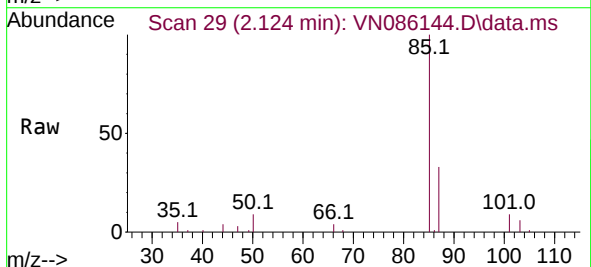
Instrument :
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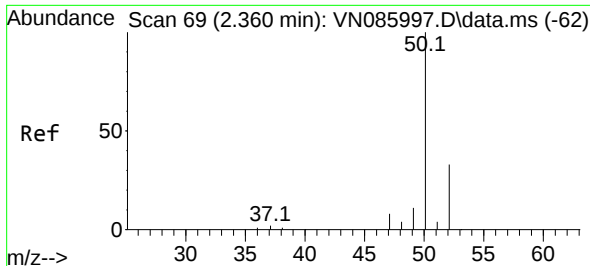
Tgt Ion:168 Resp: 181135
Ion Ratio Lower Upper
168 100
99 57.9 49.4 74.2



#2
Dichlorodifluoromethane
Concen: 17.721 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

Tgt Ion: 85 Resp: 42527
Ion Ratio Lower Upper
85 100
87 33.2 16.5 49.5

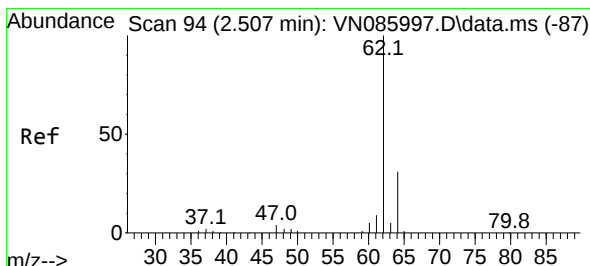
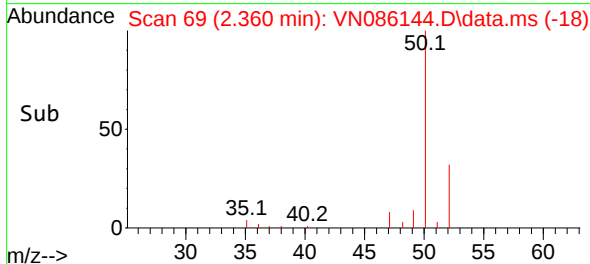
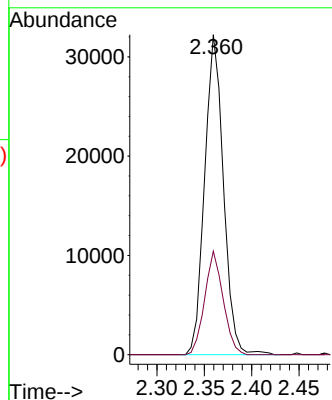
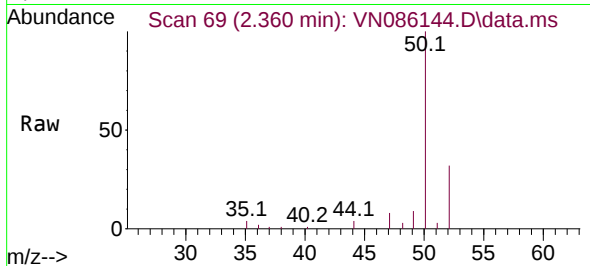




#3
Chloromethane
Concen: 21.070 ug/l
RT: 2.360 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

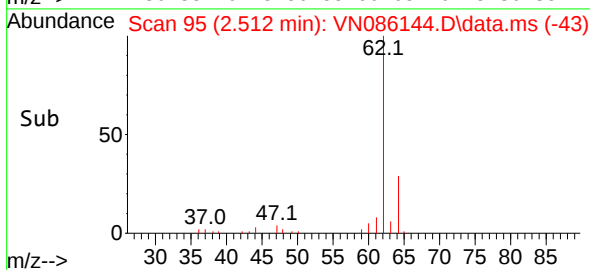
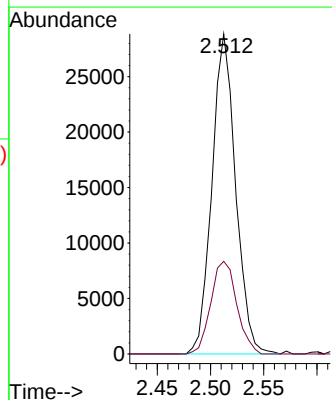
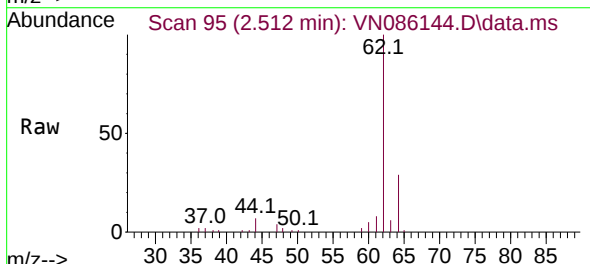
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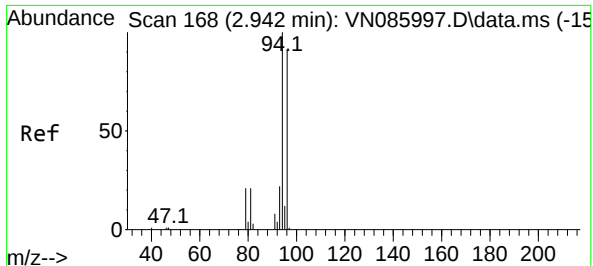
Tgt Ion: 50 Resp: 44326
Ion Ratio Lower Upper
50 100
52 32.4 26.0 39.0



#4
Vinyl Chloride
Concen: 20.707 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.006 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

Tgt Ion: 62 Resp: 44543
Ion Ratio Lower Upper
62 100
64 28.9 25.2 37.8

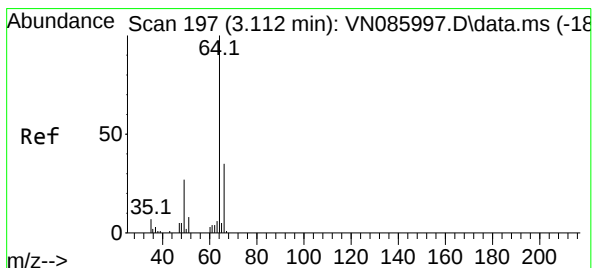
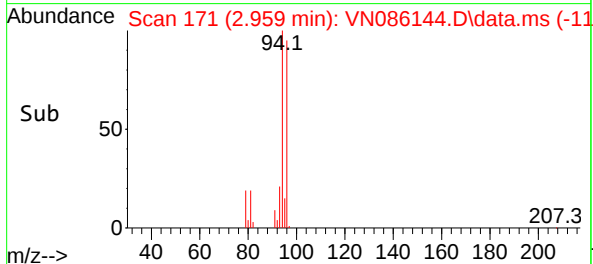
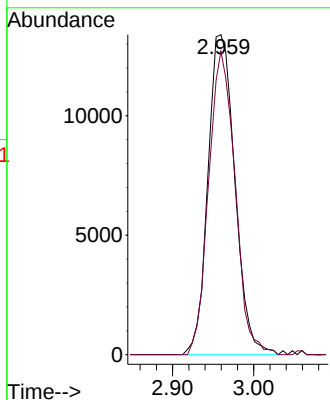
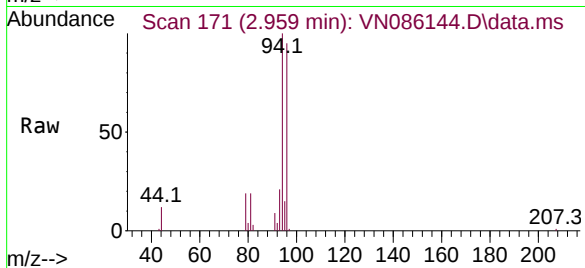




#5
Bromomethane
Concen: 21.081 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN086144.D
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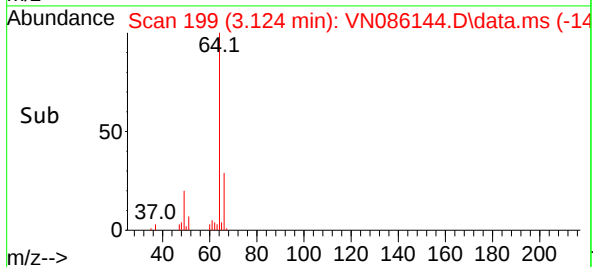
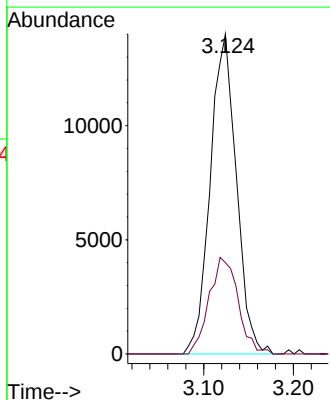
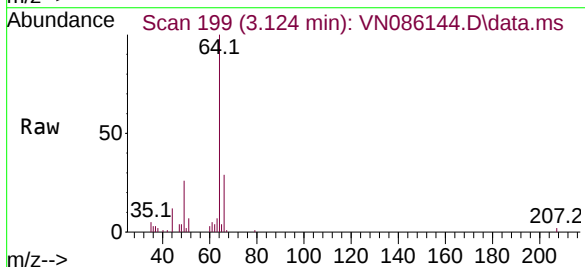
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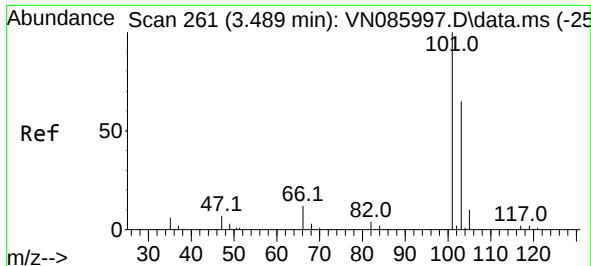
Tgt Ion: 94 Resp: 30889
Ion Ratio Lower Upper
94 100
96 94.8 72.8 109.2



#6
Chloroethane
Concen: 20.879 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

Tgt Ion: 64 Resp: 28333
Ion Ratio Lower Upper
64 100
66 28.5 28.3 42.5

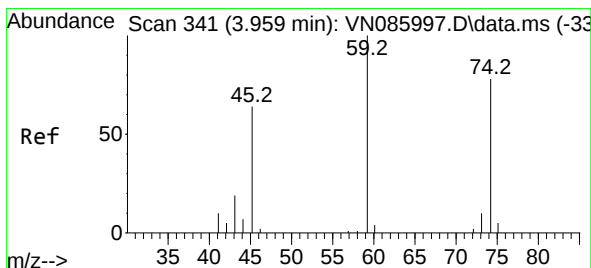
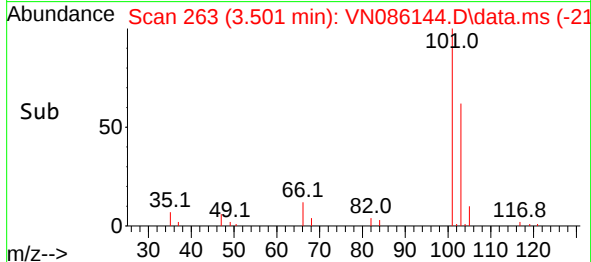
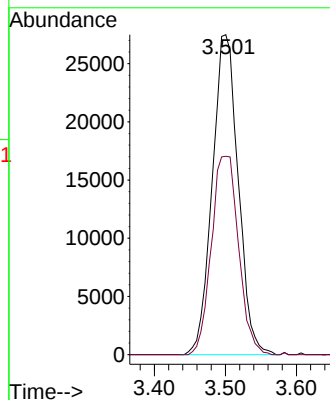
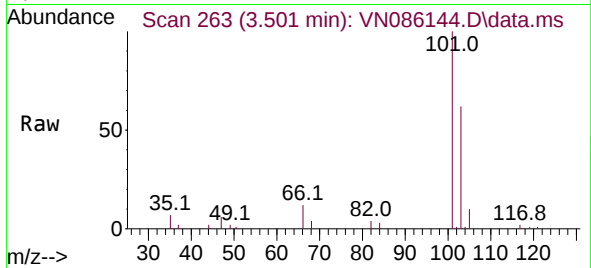




#7
Trichlorofluoromethane
Concen: 18.009 ug/l
RT: 3.501 min Scan# 261
Delta R.T. 0.012 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

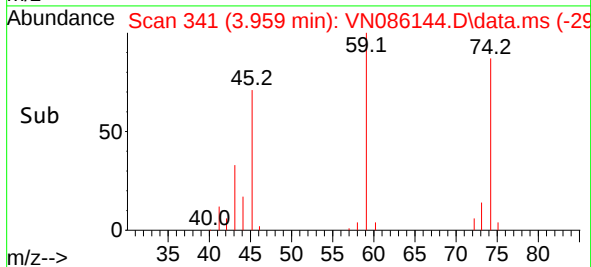
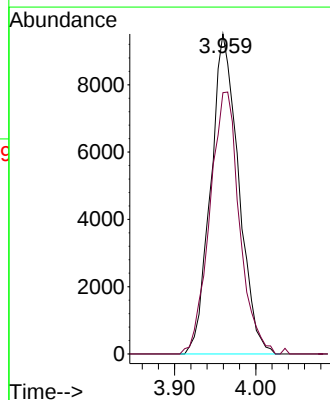
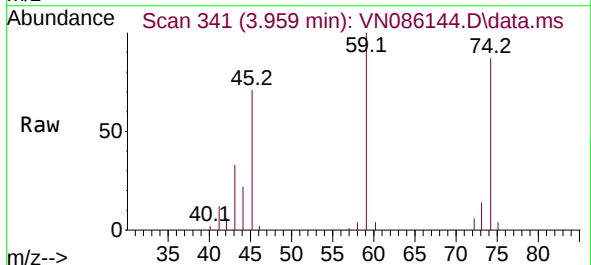
Instrument :
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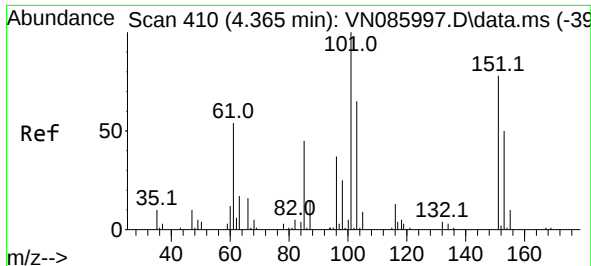
Tgt Ion:101 Resp: 69639
Ion Ratio Lower Upper
101 100
103 62.0 51.7 77.5



#8
Diethyl Ether
Concen: 19.204 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

Tgt Ion: 74 Resp: 22733
Ion Ratio Lower Upper
74 100
45 86.8 38.0 113.9

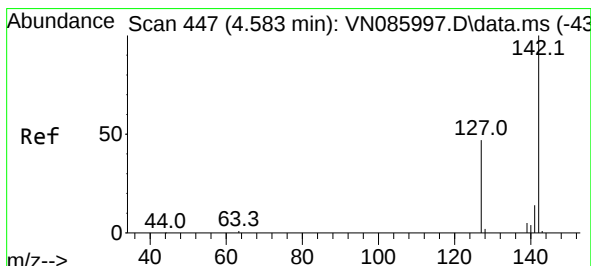
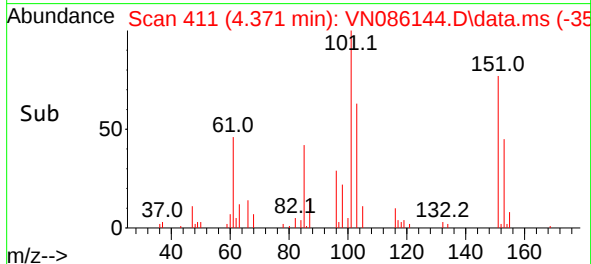
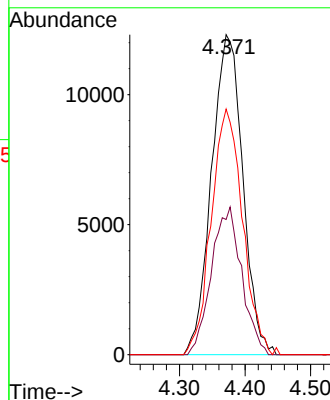
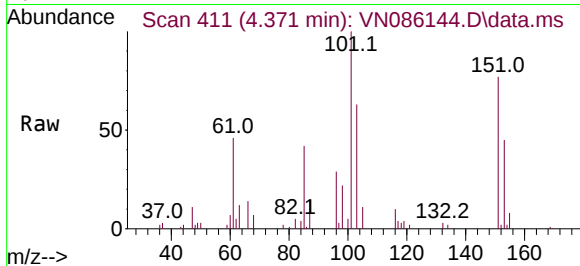




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.820 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

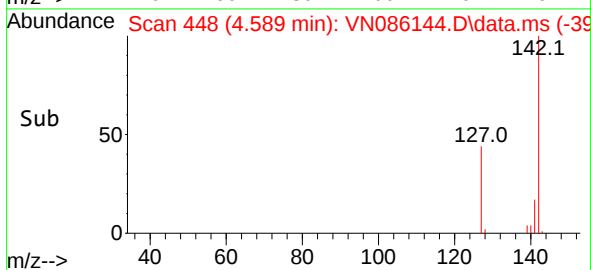
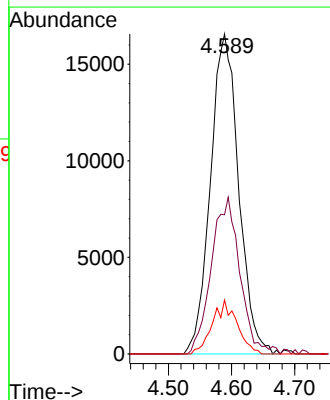
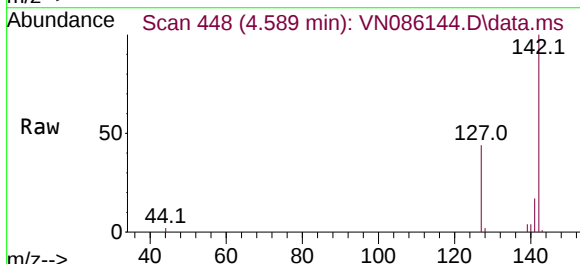
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

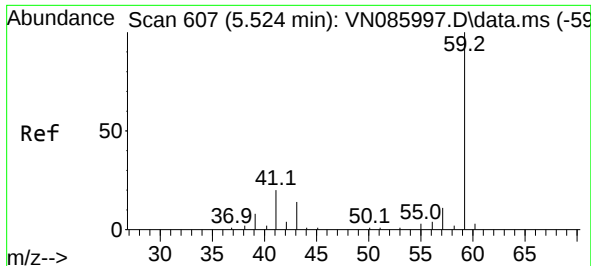
Tgt Ion:101 Resp: 40733
Ion Ratio Lower Upper
101 100
85 44.6 36.5 54.7
151 76.8 63.4 95.0



#10
Methyl Iodide
Concen: 19.215 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

Tgt Ion:142 Resp: 51454
Ion Ratio Lower Upper
142 100
127 43.5 37.5 56.3
141 16.8 11.0 16.6#

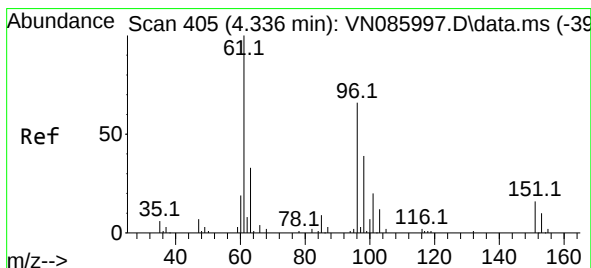
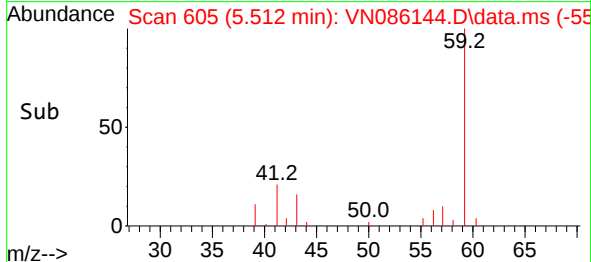
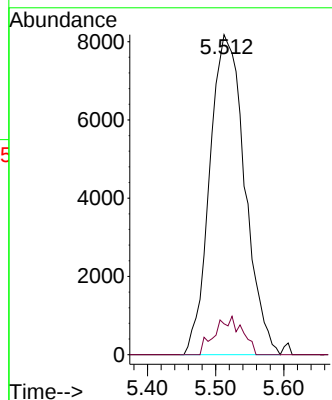
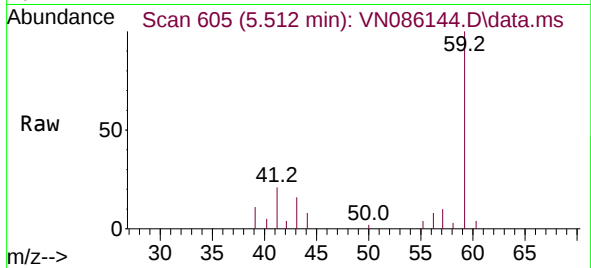




#11
Tert butyl alcohol
Concen: 83.292 ug/l
RT: 5.512 min Scan# 607
Delta R.T. -0.012 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

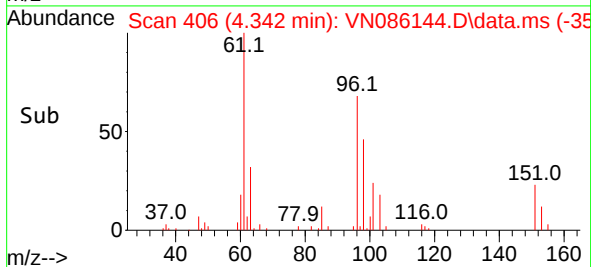
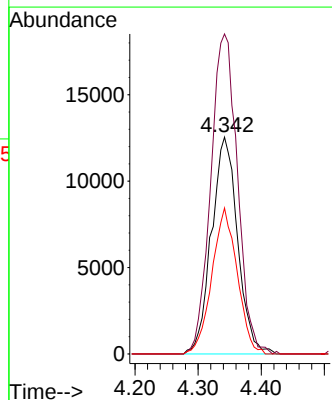
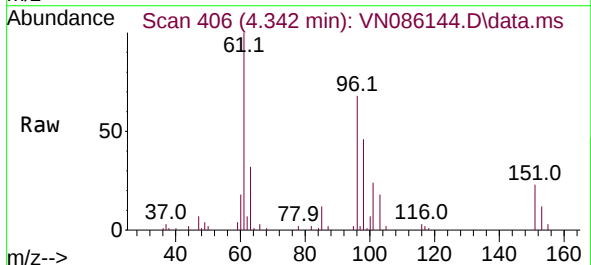
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

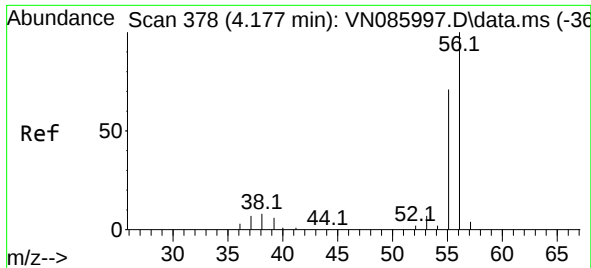
Tgt Ion: 59 Resp: 29250
Ion Ratio Lower Upper
59 100
57 5.0 7.9 11.9#



#12
1,1-Dichloroethene
Concen: 19.459 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

Tgt Ion: 96 Resp: 36110
Ion Ratio Lower Upper
96 100
61 147.6 120.5 180.7
98 67.3 47.4 71.0

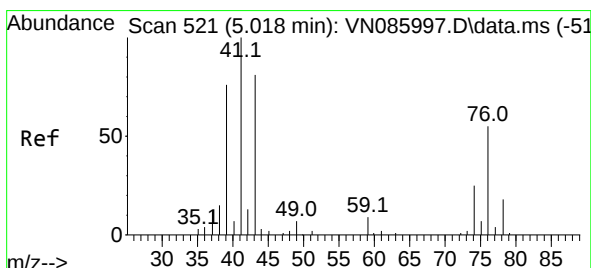
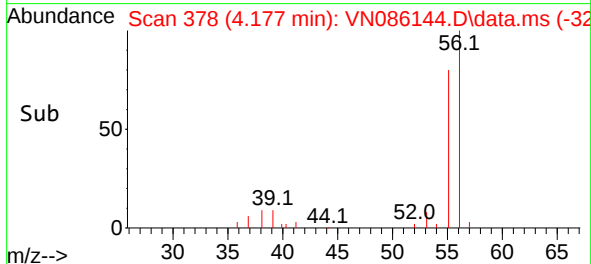
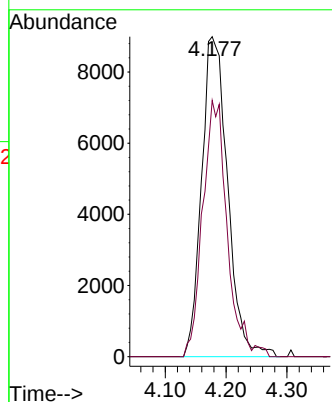
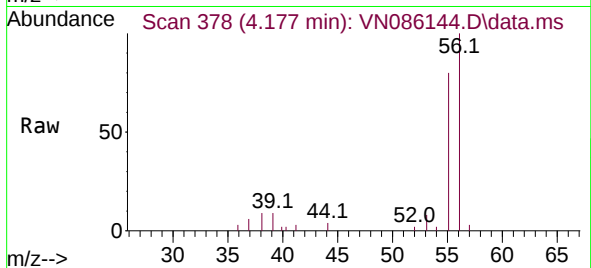




#13
Acrolein
Concen: 71.253 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

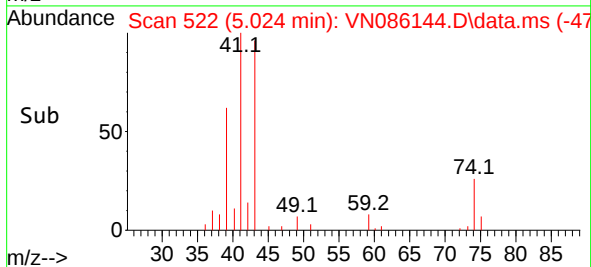
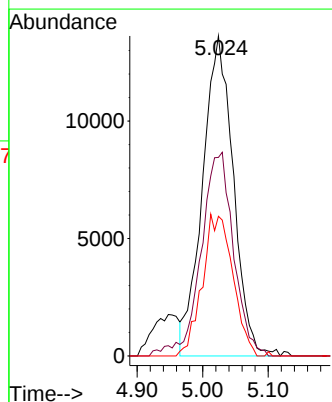
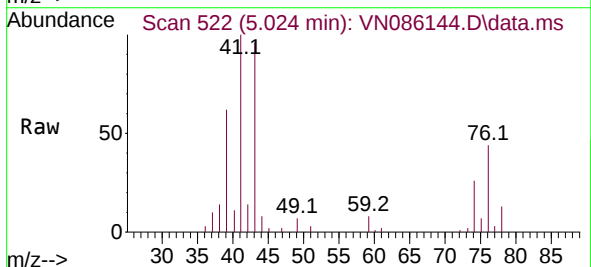
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

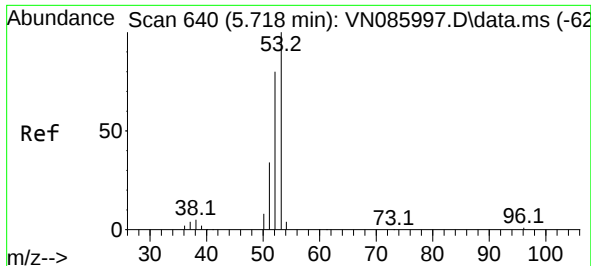
Tgt Ion: 56 Resp: 26688
Ion Ratio Lower Upper
56 100
55 74.0 55.1 82.7



#14
Allyl chloride
Concen: 19.192 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

Tgt Ion: 41 Resp: 44431
Ion Ratio Lower Upper
41 100
39 67.1 55.5 83.3
76 43.8 39.1 58.7

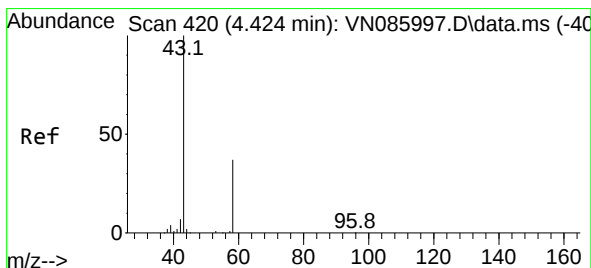
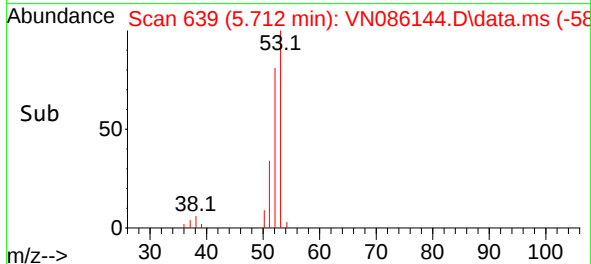
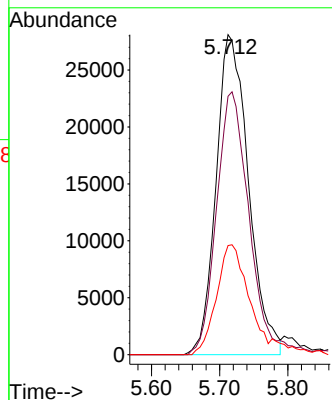
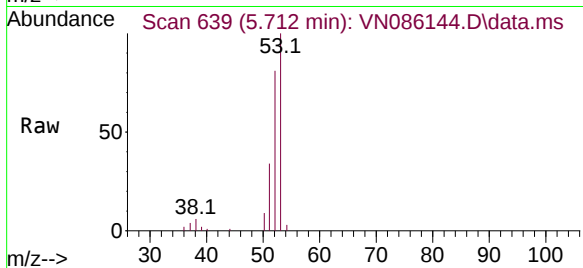




#15
Acrylonitrile
Concen: 100.195 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

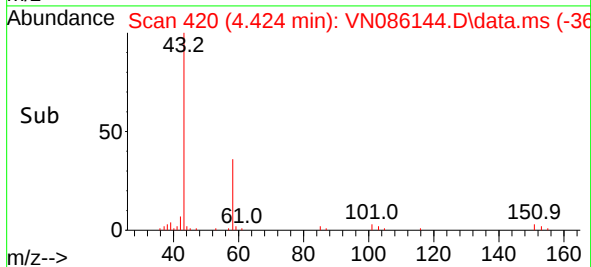
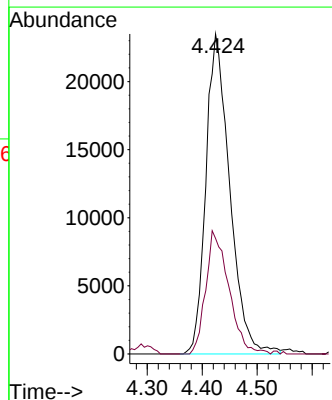
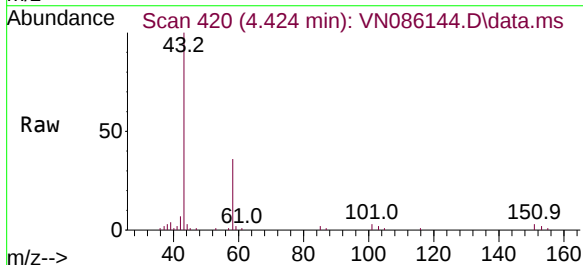
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

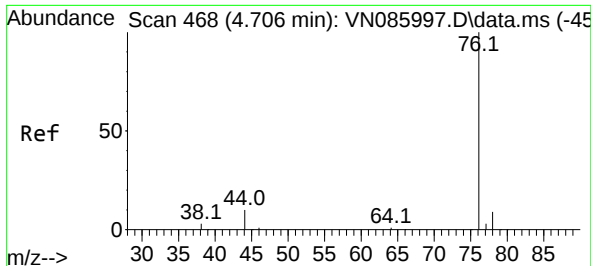
Tgt Ion:	53	Resp:	92926
Ion	Ratio	Lower	Upper
53	100		
52	83.1	63.9	95.9
51	36.5	27.1	40.7



#16
Acetone
Concen: 93.508 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

Tgt Ion:	43	Resp:	70858
Ion	Ratio	Lower	Upper
43	100		
58	36.1	29.4	44.2

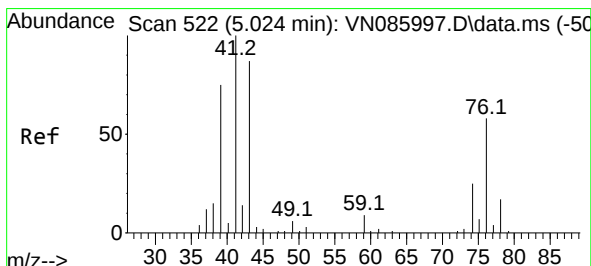
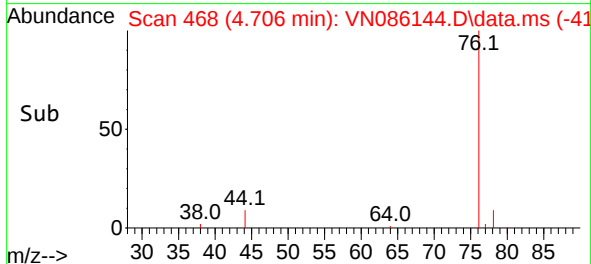
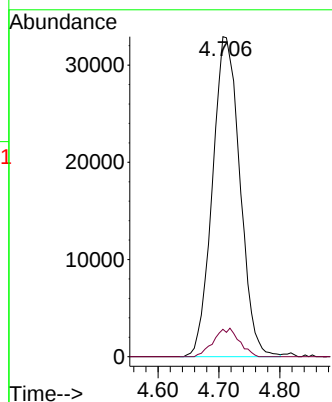
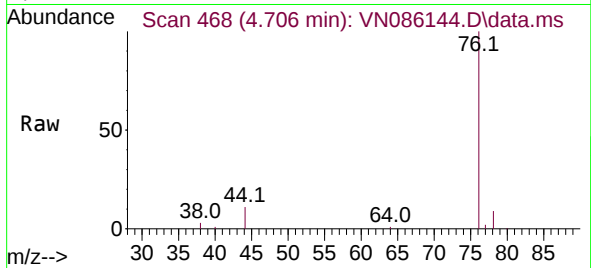




#17
Carbon Disulfide
Concen: 16.920 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.000 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

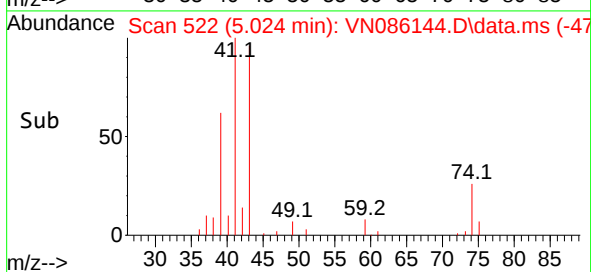
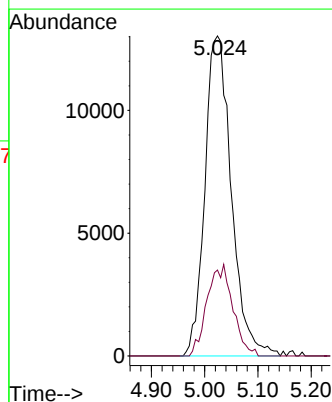
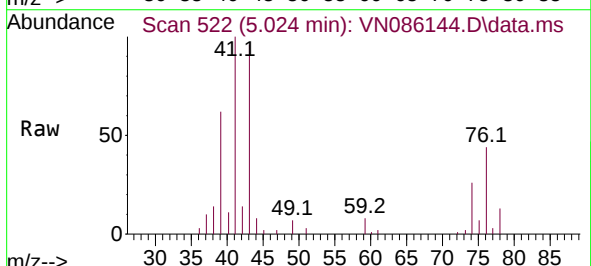
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

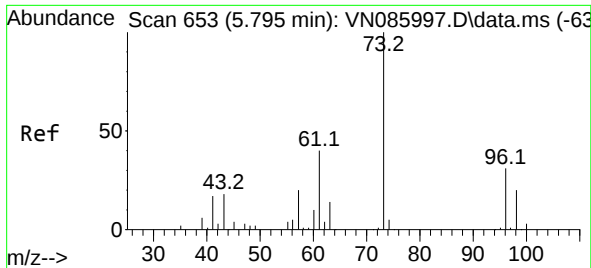
Tgt Ion: 76 Resp: 103263
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.2



#18
Methyl Acetate
Concen: 24.005 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

Tgt Ion: 43 Resp: 45006
Ion Ratio Lower Upper
43 100
74 27.7 23.9 35.9

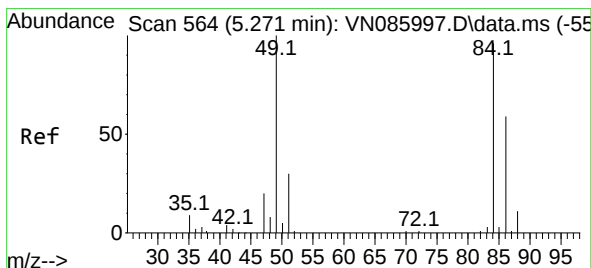
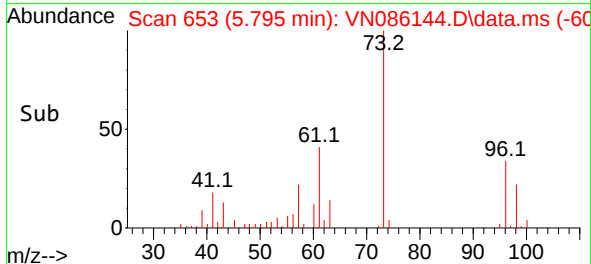
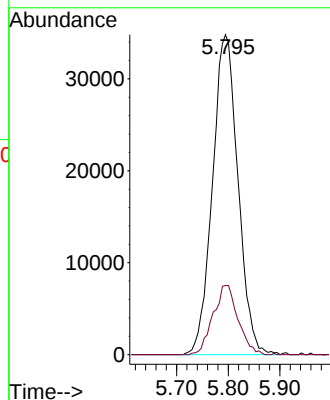
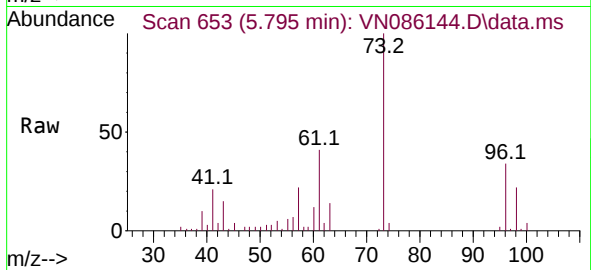




#19
Methyl tert-butyl Ether
Concen: 19.616 ug/l
RT: 5.795 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

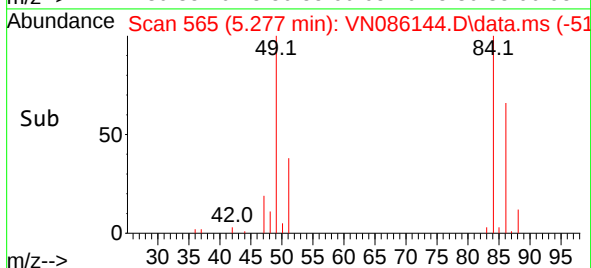
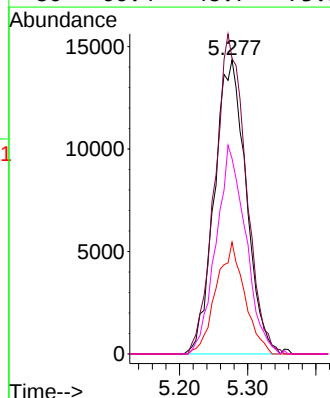
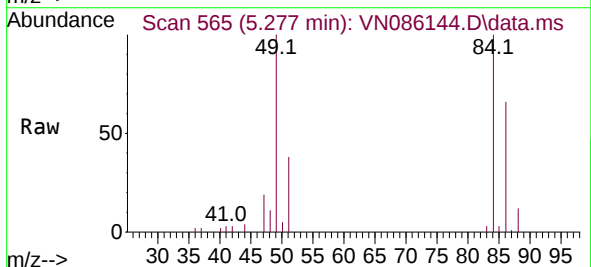
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

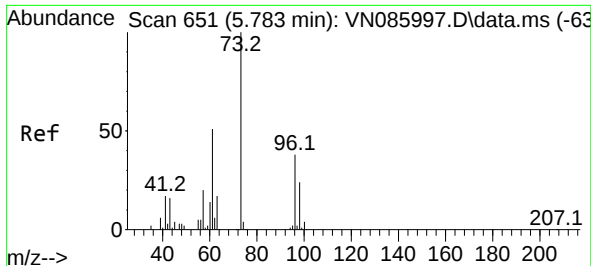
Tgt Ion: 73 Resp: 119285
Ion Ratio Lower Upper
73 100
57 21.6 16.1 24.1



#20
Methylene Chloride
Concen: 20.903 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

Tgt Ion: 84 Resp: 46337
Ion Ratio Lower Upper
84 100
49 100.4 83.3 124.9
51 38.0 24.8 37.2#
86 66.4 48.7 73.1

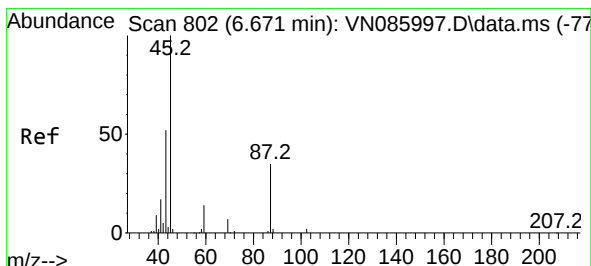
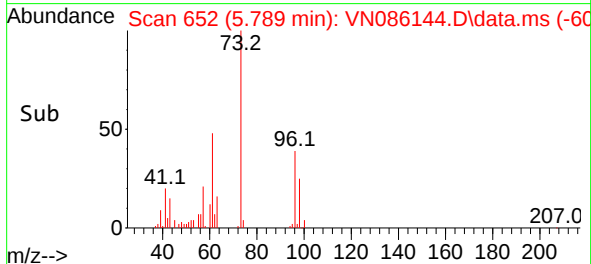
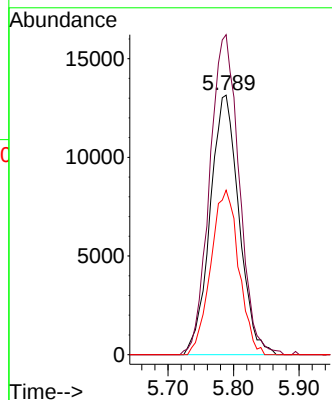
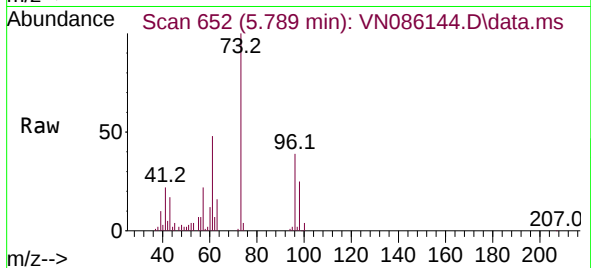




#21
trans-1,2-Dichloroethene
Concen: 19.831 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

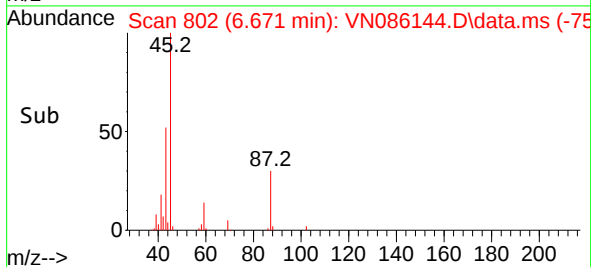
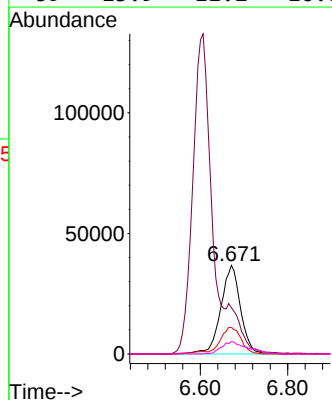
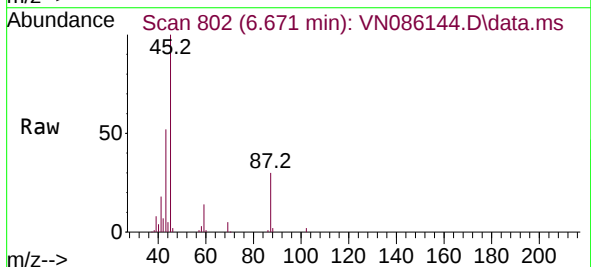
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

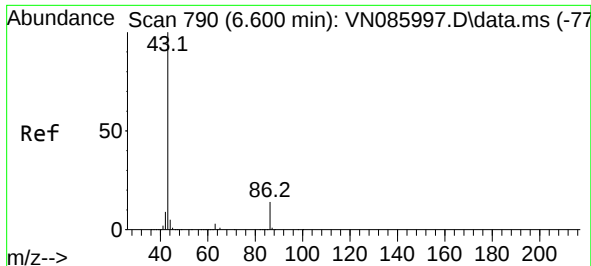
Tgt Ion: 96 Resp: 40218
Ion Ratio Lower Upper
96 100
61 123.3 106.6 160.0
98 63.4 50.0 75.0



#22
Diisopropyl ether
Concen: 23.124 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

Tgt Ion: 45 Resp: 114083
Ion Ratio Lower Upper
45 100
43 51.3 41.2 61.8
87 29.8 28.5 42.7
59 13.9 11.2 16.8

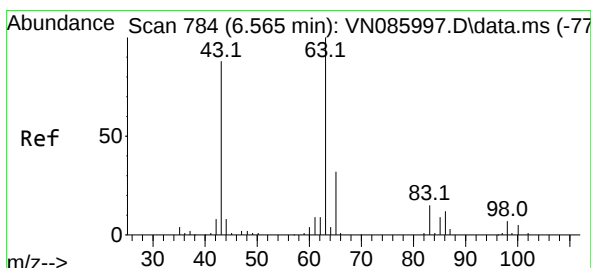
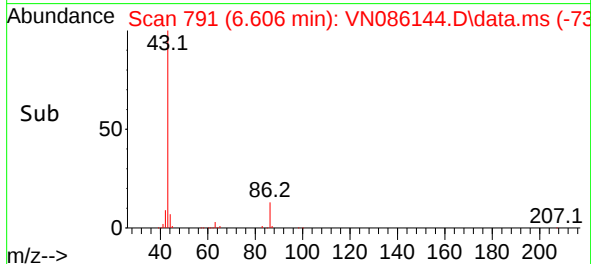
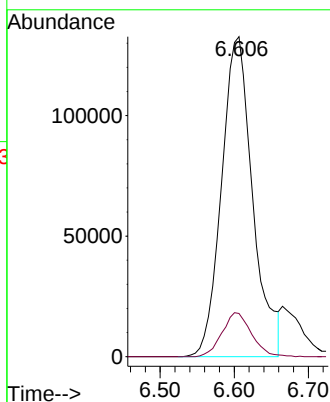
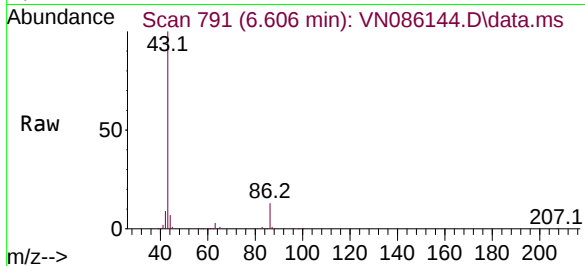




#23
 Vinyl Acetate
 Concen: 103.727 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN086144.D
 Acq: 28 Mar 2025 12:41

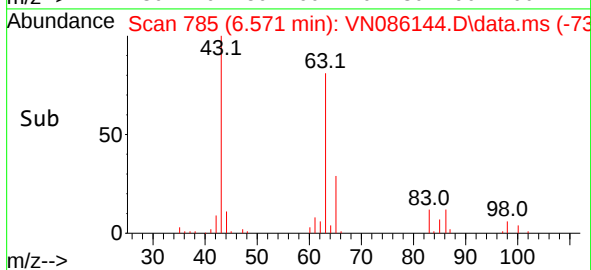
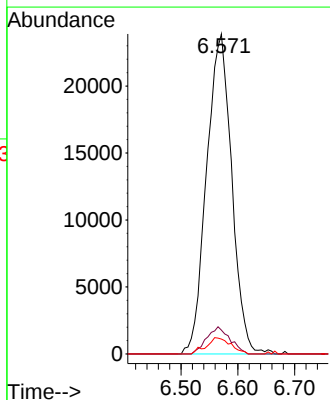
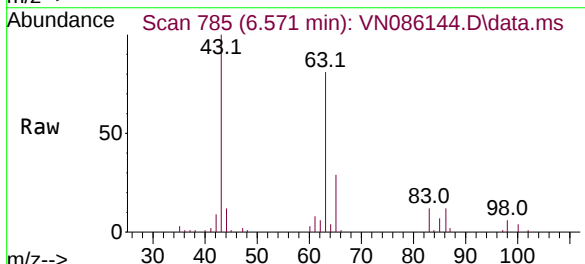
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328WBSD01

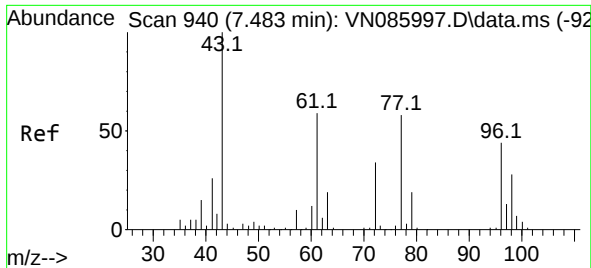
Tgt Ion: 43 Resp: 387929
 Ion Ratio Lower Upper
 43 100
 86 13.5 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 20.246 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN086144.D
 Acq: 28 Mar 2025 12:41

Tgt Ion: 63 Resp: 73448
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.9
 100 4.6 2.5 7.5

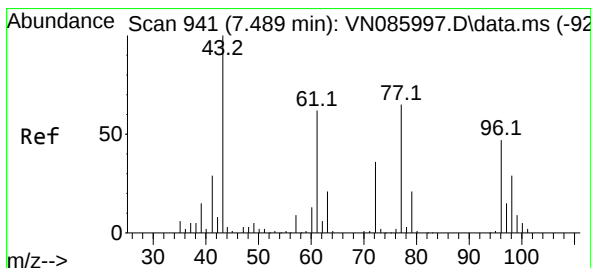
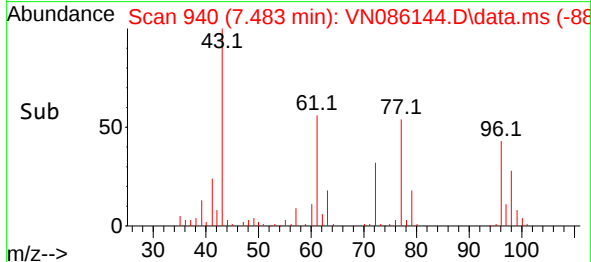
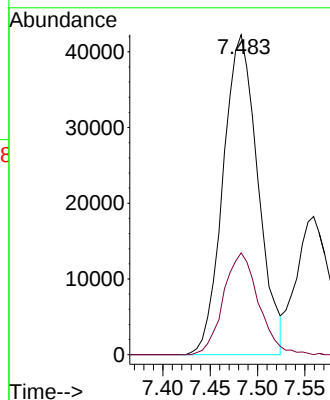
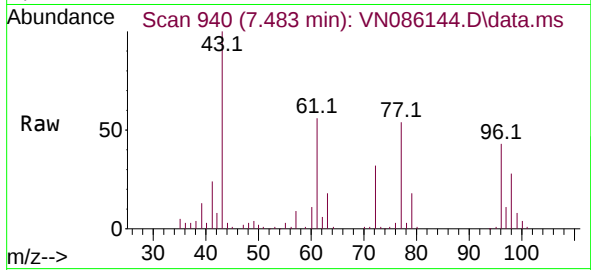




#25
2-Butanone
Concen: 98.937 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

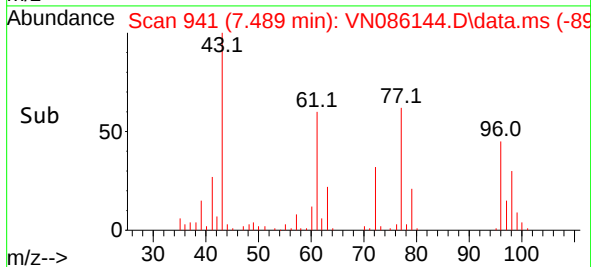
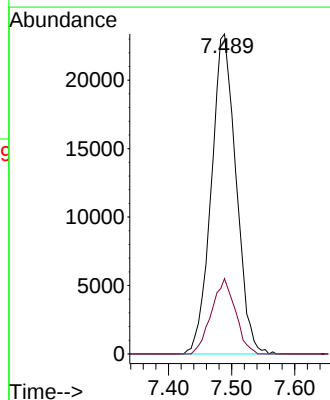
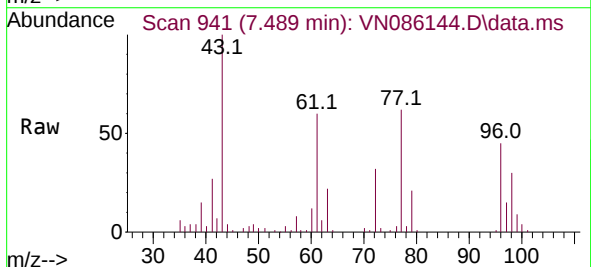
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

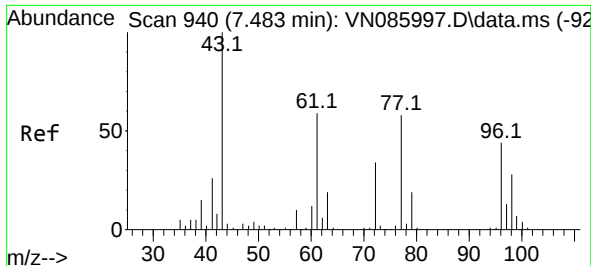
Tgt Ion: 43 Resp: 108180
Ion Ratio Lower Upper
43 100
72 31.8 27.4 41.0



#26
2,2-Dichloropropane
Concen: 18.207 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

Tgt Ion: 77 Resp: 63591
Ion Ratio Lower Upper
77 100
97 22.8 11.2 33.5



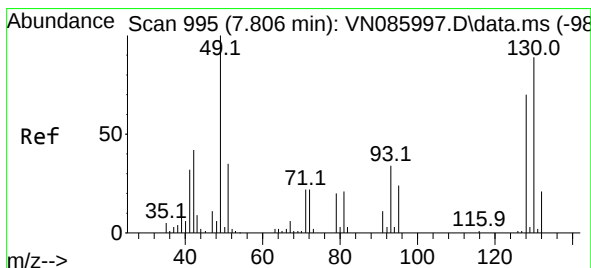
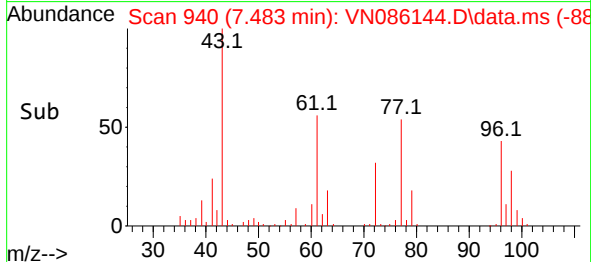
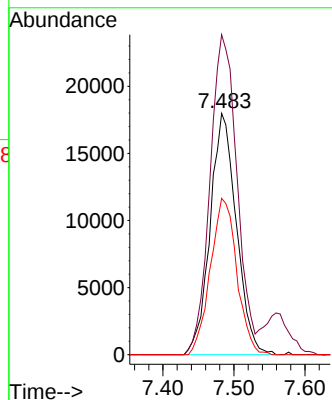
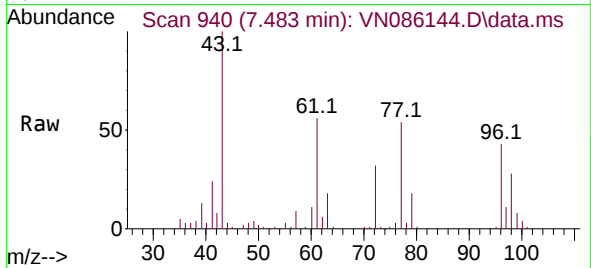


#27
 cis-1,2-Dichloroethene
 Concen: 20.040 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086144.D
 Acq: 28 Mar 2025 12:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328WBSD01

Tgt Ion: 96 Resp: 46183

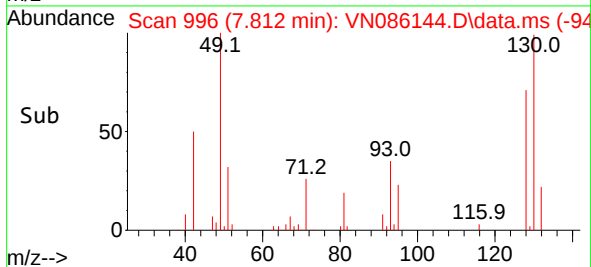
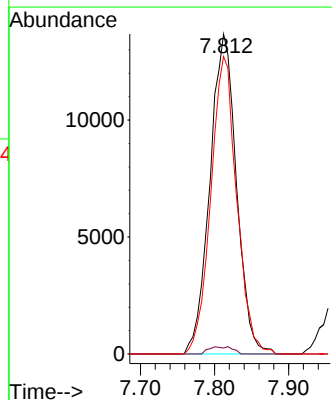
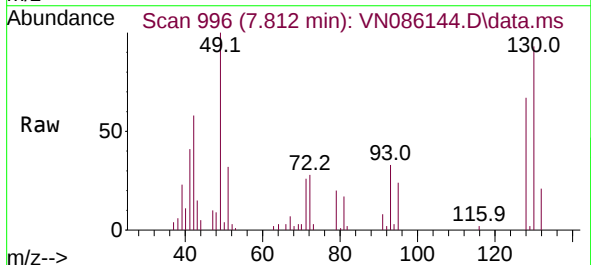
Ion	Ratio	Lower	Upper
96	100		
61	137.3	0.0	272.8
98	65.1	0.0	124.8

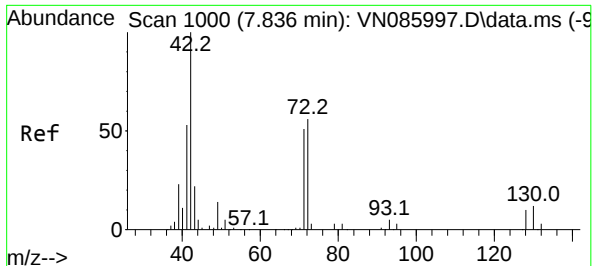


#28
 Bromochloromethane
 Concen: 22.180 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086144.D
 Acq: 28 Mar 2025 12:41

Tgt Ion: 49 Resp: 34091

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	90.6	74.2	111.4





#29

Tetrahydrofuran

Concen: 108.046 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086144.D

Acq: 28 Mar 2025 12:41

Instrument :

MSVOA_N

ClientSampleId :

VN0328WBSD01

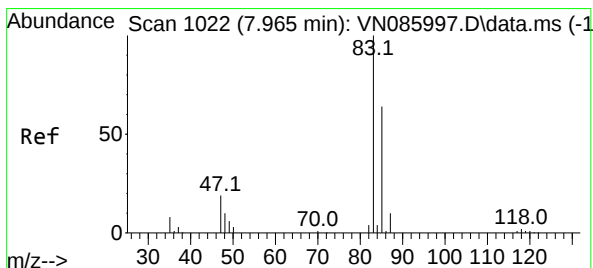
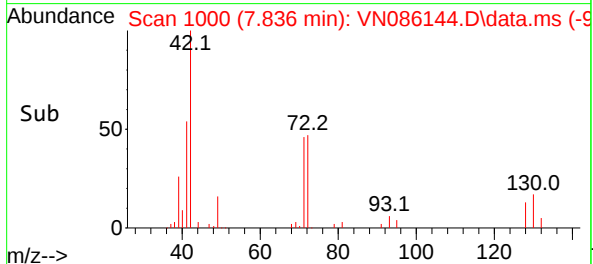
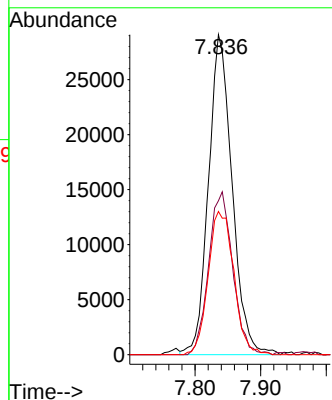
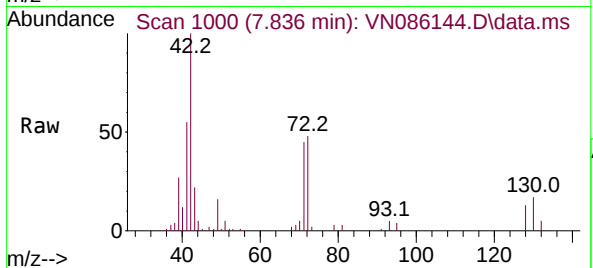
Tgt Ion: 42 Resp: 72935

Ion Ratio Lower Upper

42 100

72 51.7 45.0 67.4

71 48.4 41.9 62.9



#30

Chloroform

Concen: 20.409 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN086144.D

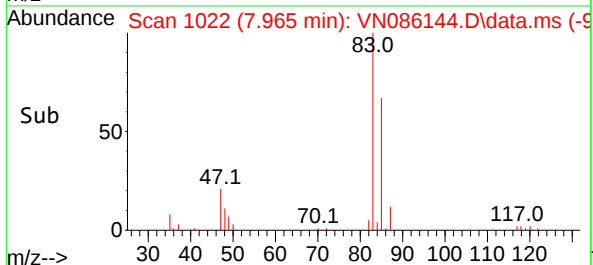
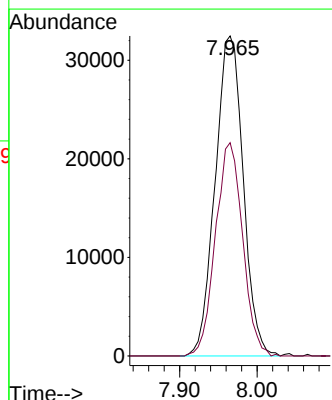
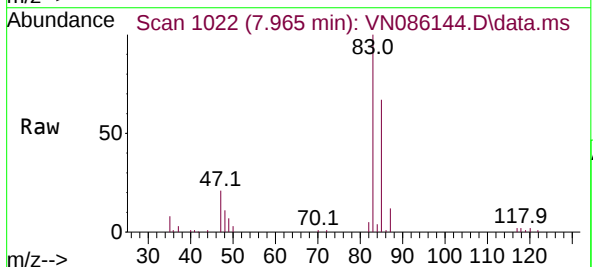
Acq: 28 Mar 2025 12:41

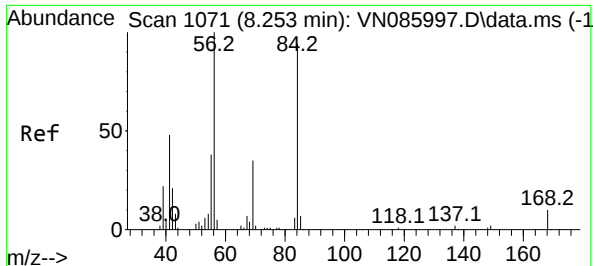
Tgt Ion: 83 Resp: 81840

Ion Ratio Lower Upper

83 100

85 66.6 51.5 77.3

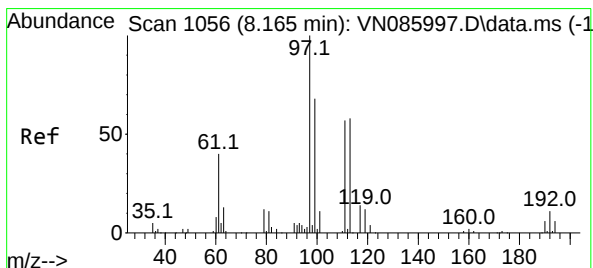
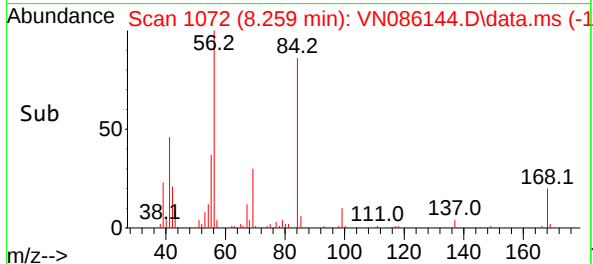
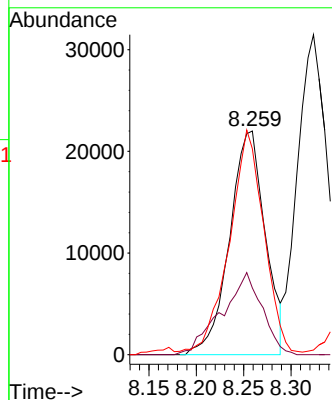
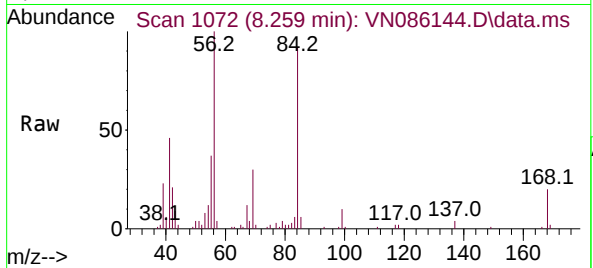




#31
Cyclohexane
Concen: 18.711 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

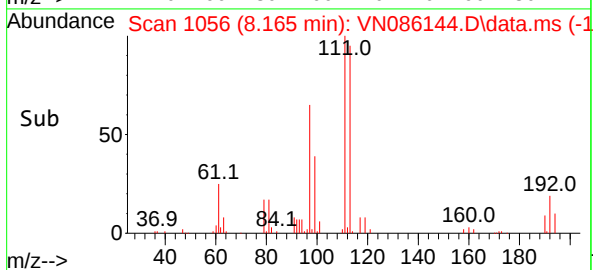
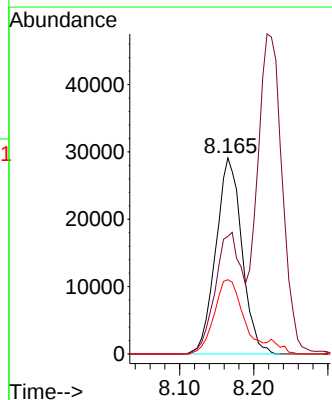
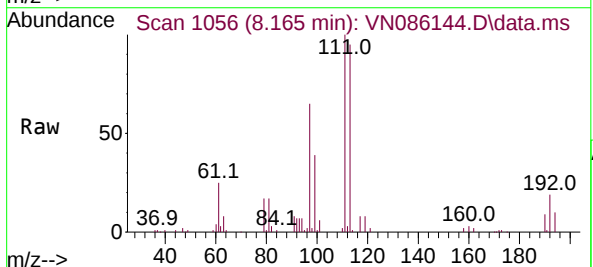
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

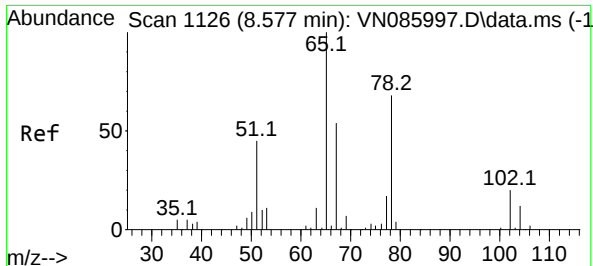
Tgt Ion: 56 Resp: 57827
Ion Ratio Lower Upper
56 100
69 28.9 28.0 42.0
84 90.5 75.0 112.6



#32
1,1,1-Trichloroethane
Concen: 18.722 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

Tgt Ion: 97 Resp: 71066
Ion Ratio Lower Upper
97 100
99 62.3 52.8 79.2
61 42.0 33.6 50.4





#33

1,2-Dichloroethane-d4

Concen: 50.381 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086144.D

Acq: 28 Mar 2025 12:41

Instrument :

MSVOA_N

ClientSampleId :

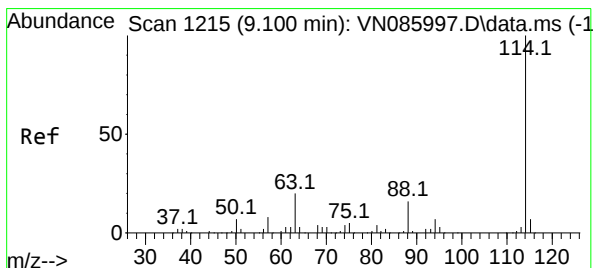
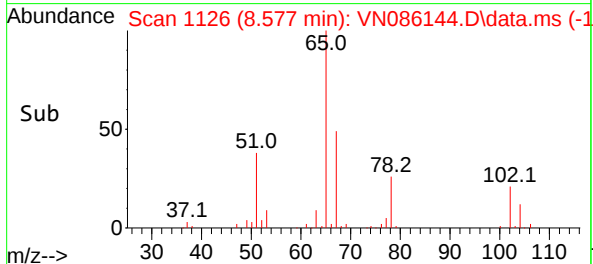
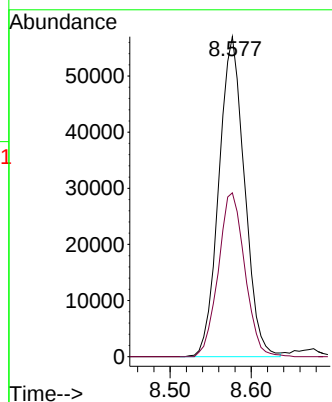
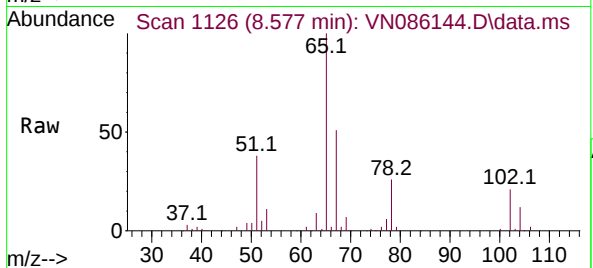
VN0328WBSD01

Tgt Ion: 65 Resp: 124963

Ion Ratio Lower Upper

65 100

67 52.8 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086144.D

Acq: 28 Mar 2025 12:41

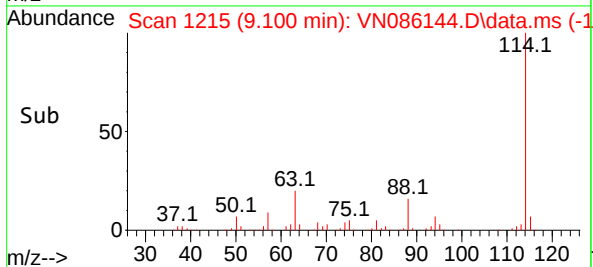
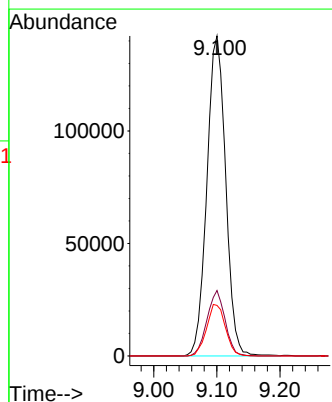
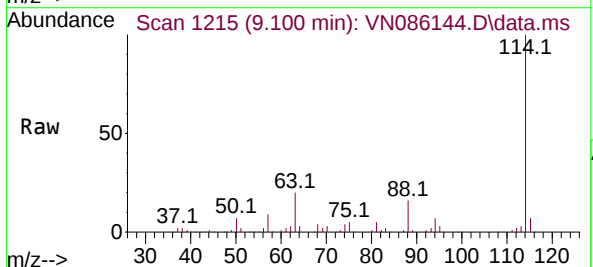
Tgt Ion: 114 Resp: 293753

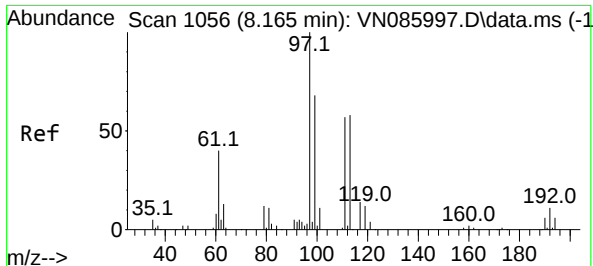
Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.6

88 15.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.695 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086144.D

Acq: 28 Mar 2025 12:41

Instrument :

MSVOA_N

ClientSampleId :

VN0328WBSD01

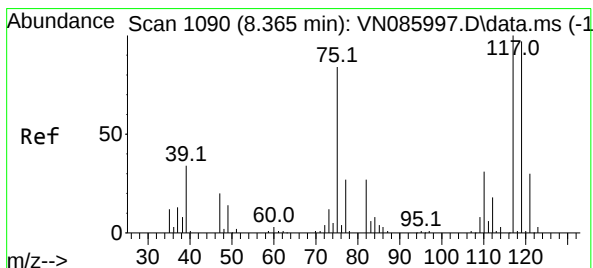
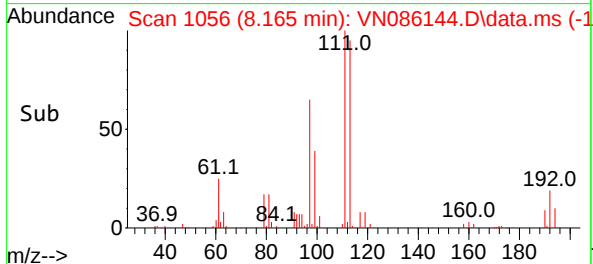
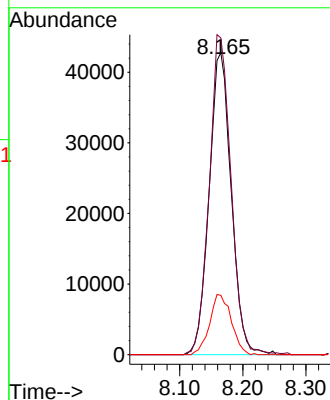
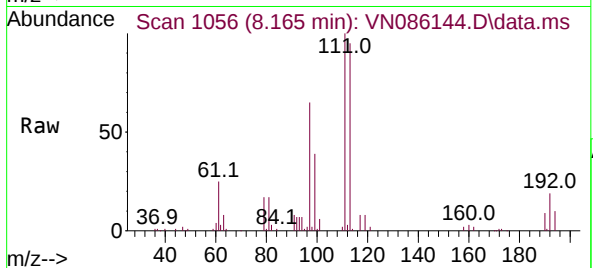
Tgt Ion:113 Resp: 103943

Ion Ratio Lower Upper

113 100

111 104.4 81.8 122.8

192 19.5 15.9 23.9



#36

1,1-Dichloropropene

Concen: 19.151 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VN086144.D

Acq: 28 Mar 2025 12:41

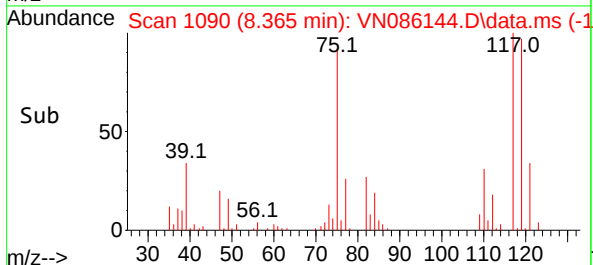
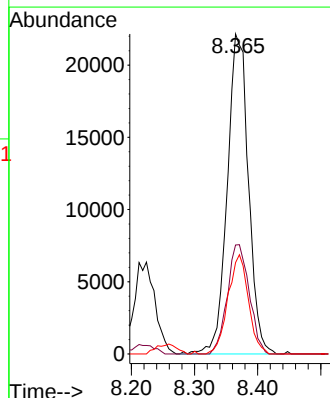
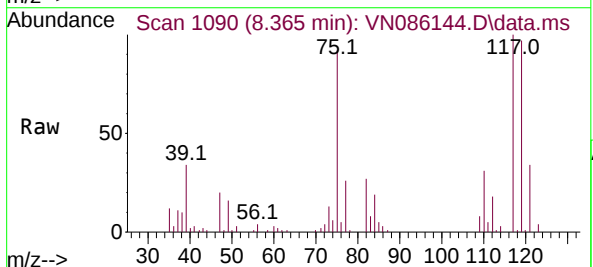
Tgt Ion: 75 Resp: 51703

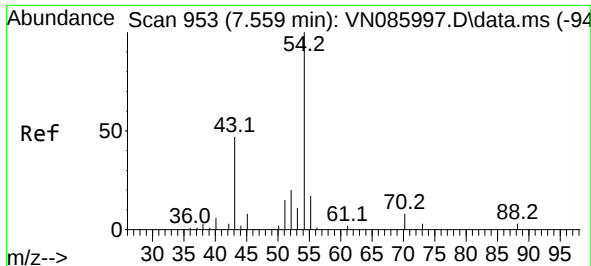
Ion Ratio Lower Upper

75 100

110 35.3 17.8 53.3

77 29.9 25.0 37.4

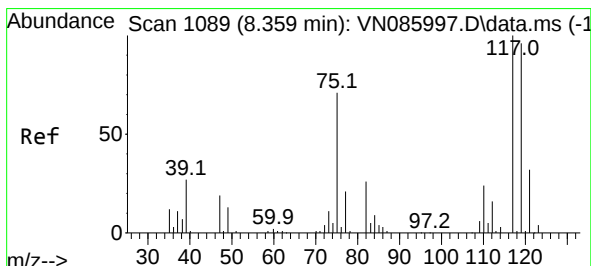
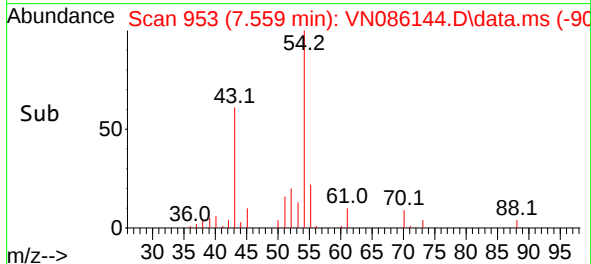
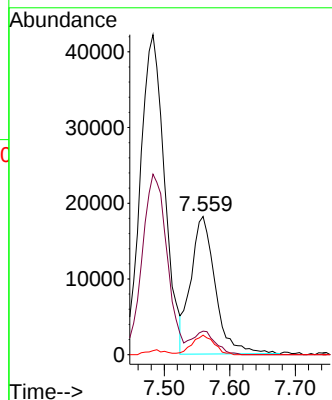
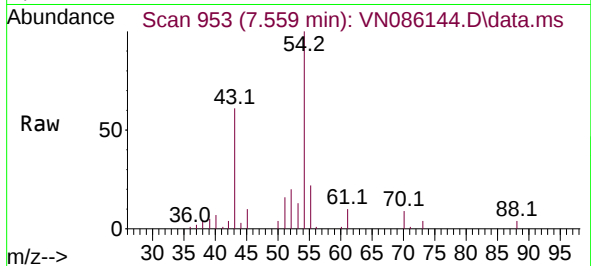




#37
Ethyl Acetate
Concen: 20.650 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

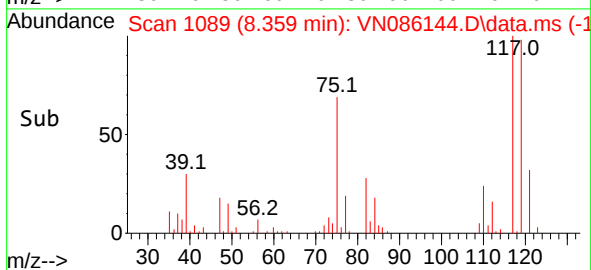
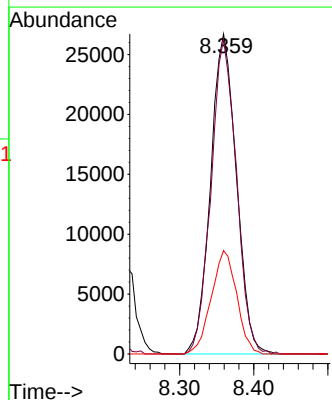
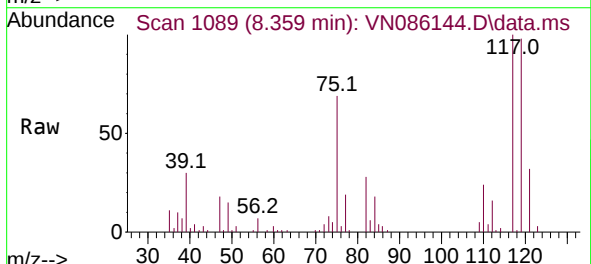
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

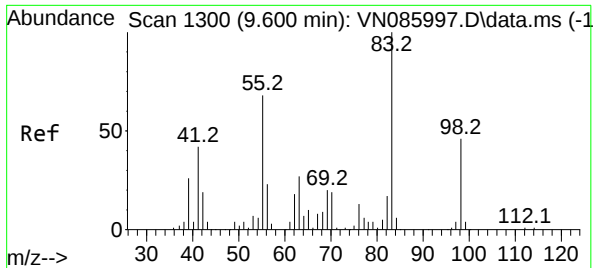
Tgt Ion:	43	Resp:	47035
Ion	Ratio	Lower	Upper
43	100		
61	15.5	13.0	19.4
70	12.8	11.0	16.6



#38
Carbon Tetrachloride
Concen: 18.199 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

Tgt Ion:	117	Resp:	64604
Ion	Ratio	Lower	Upper
117	100		
119	98.2	77.0	115.4
121	32.3	25.6	38.4

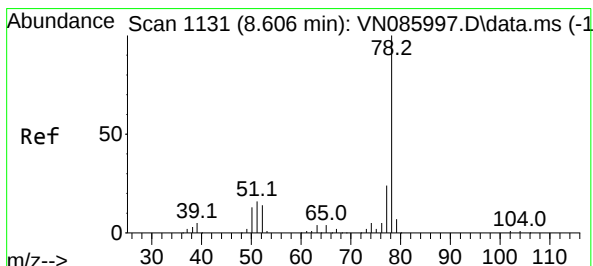
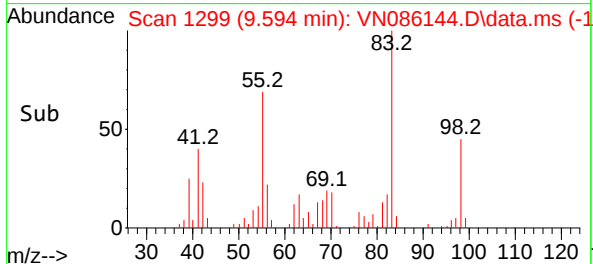
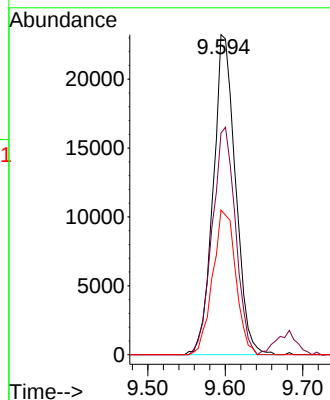
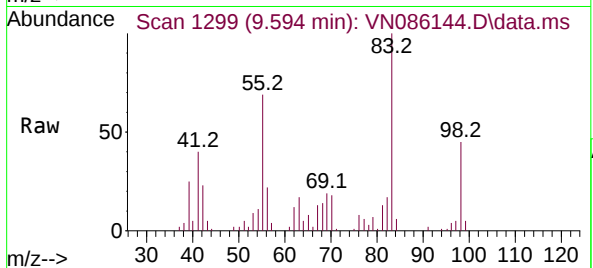




#39
Methylcyclohexane
Concen: 17.355 ug/l
RT: 9.594 min Scan# 11299
Delta R.T. -0.006 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

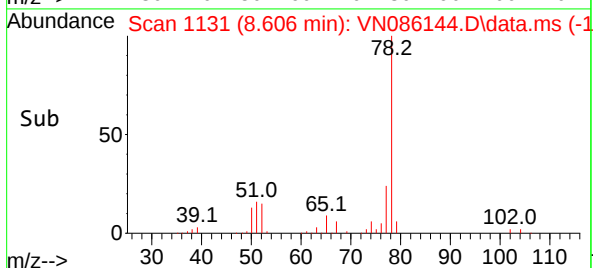
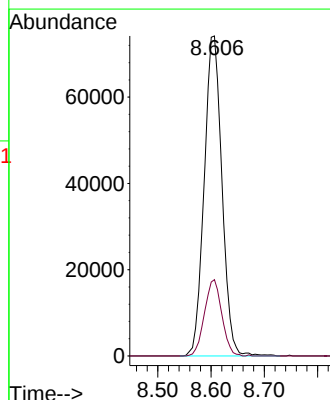
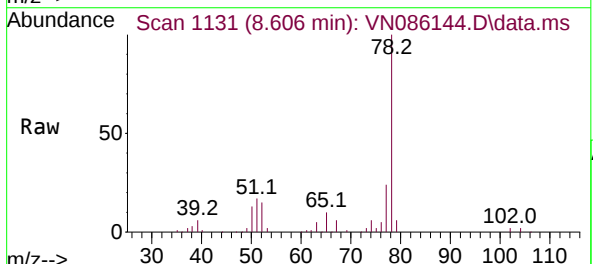
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

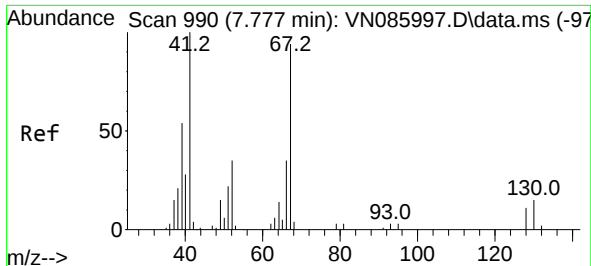
Tgt Ion: 83 Resp: 46488
Ion Ratio Lower Upper
83 100
55 69.3 54.2 81.2
98 45.2 37.1 55.7



#40
Benzene
Concen: 20.304 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

Tgt Ion: 78 Resp: 172081
Ion Ratio Lower Upper
78 100
77 23.8 18.9 28.3

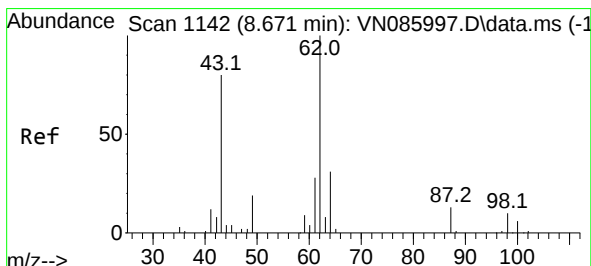
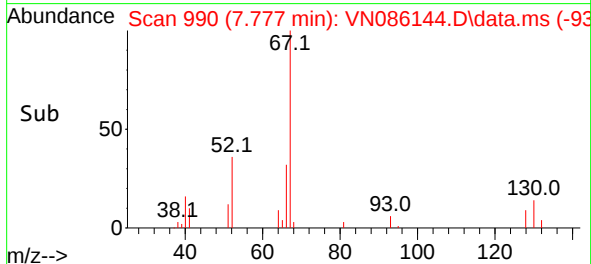
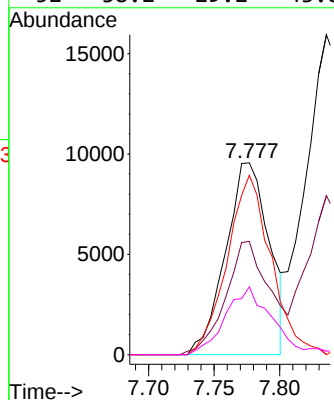
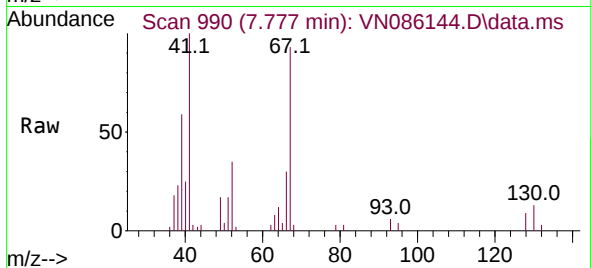




#41
Methacrylonitrile
Concen: 20.317 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

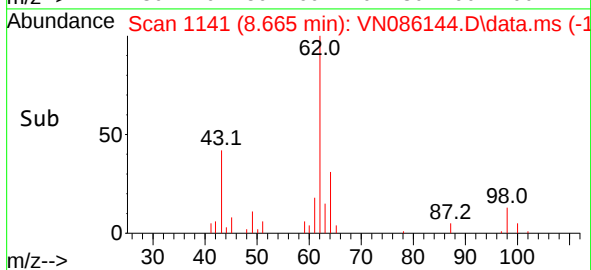
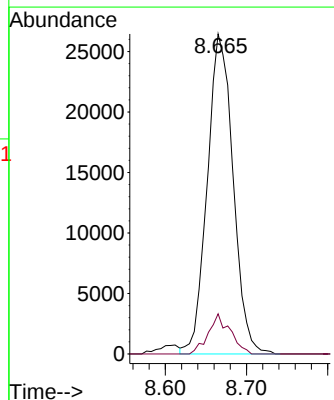
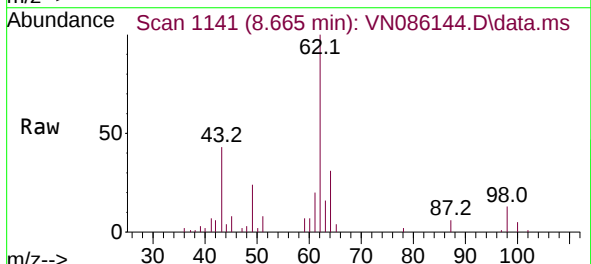
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

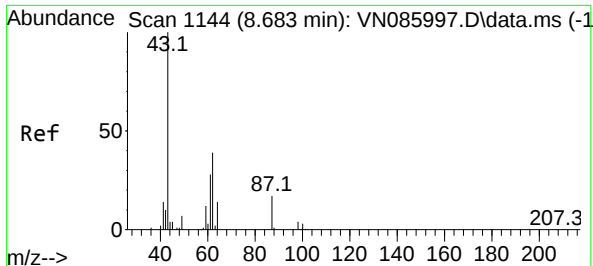
Tgt Ion:	41	Resp:	22097
Ion	Ratio	Lower	Upper
41	100		
39	60.8	46.2	69.2
67	94.2	75.9	113.9
52	38.2	29.2	43.8



#42
1,2-Dichloroethane
Concen: 19.791 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

Tgt Ion:	62	Resp:	58446
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	18.6

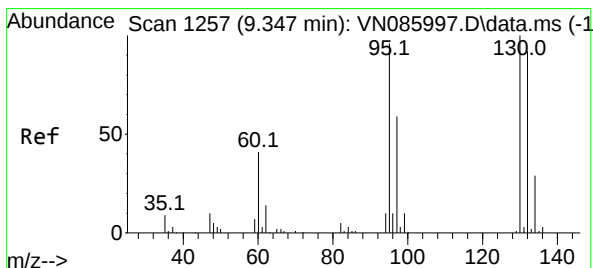
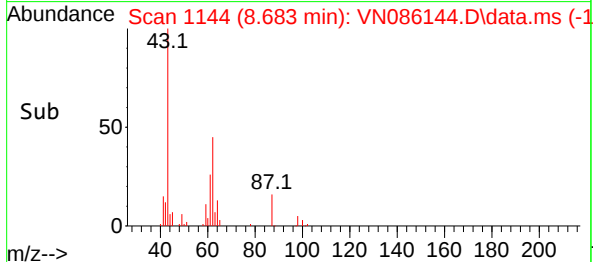
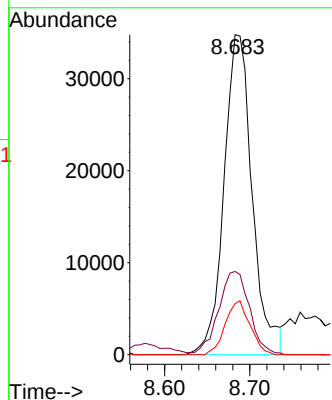
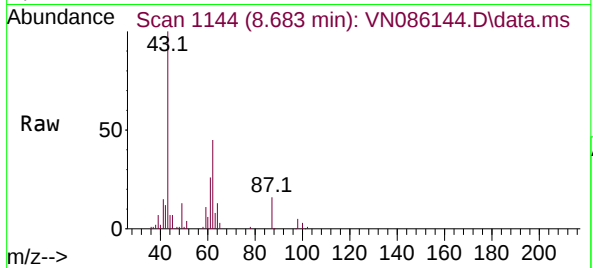




#43
Isopropyl Acetate
Concen: 16.212 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

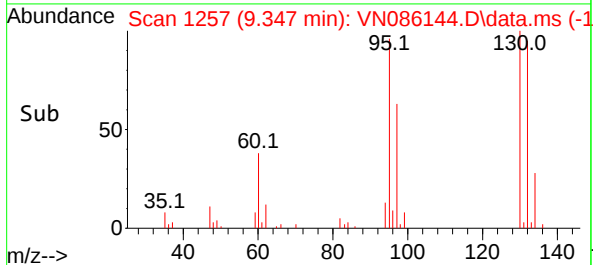
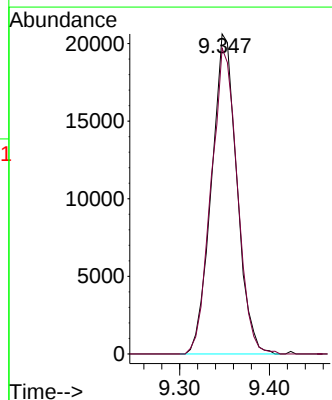
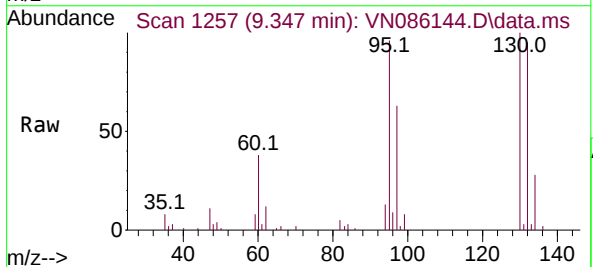
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

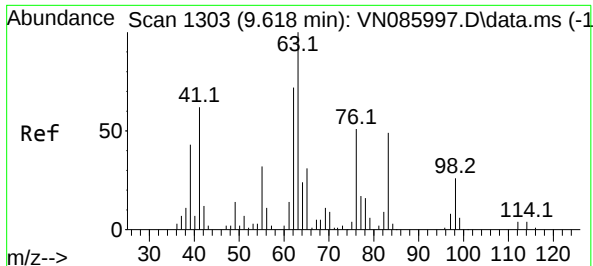
Tgt Ion: 43 Resp: 80016
Ion Ratio Lower Upper
43 100
61 28.6 25.0 37.6
87 14.8 13.0 19.4



#44
Trichloroethene
Concen: 18.420 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

Tgt Ion: 130 Resp: 40461
Ion Ratio Lower Upper
130 100
95 95.5 0.0 191.6





#45

1,2-Dichloropropane

Concen: 21.912 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086144.D

Acq: 28 Mar 2025 12:41

Instrument :

MSVOA_N

ClientSampleId :

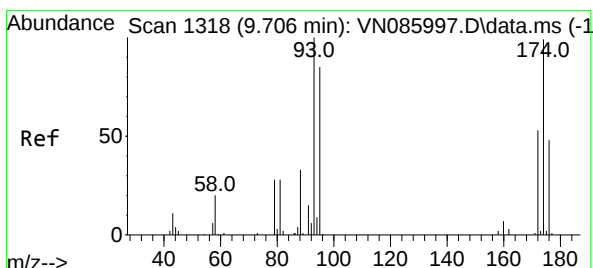
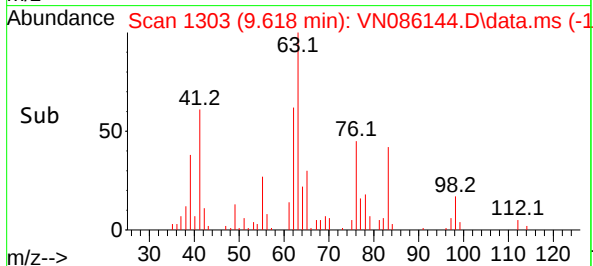
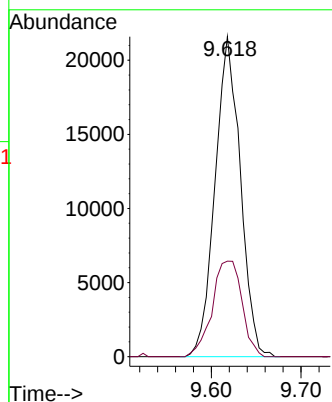
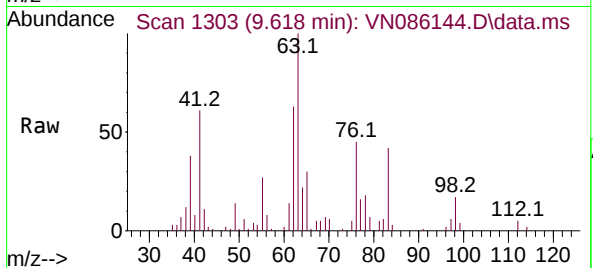
VN0328WBSD01

Tgt Ion: 63 Resp: 42240

Ion Ratio Lower Upper

63 100

65 29.9 24.7 37.1



#46

Dibromomethane

Concen: 20.480 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086144.D

Acq: 28 Mar 2025 12:41

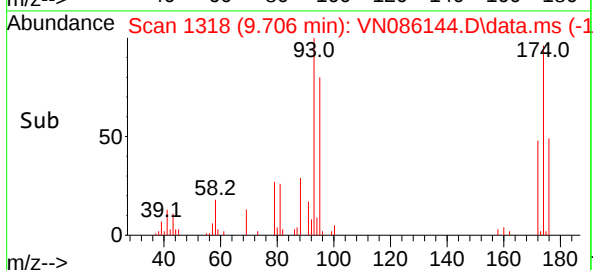
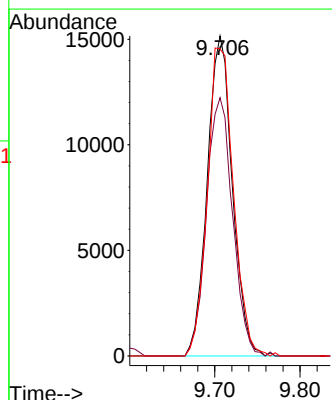
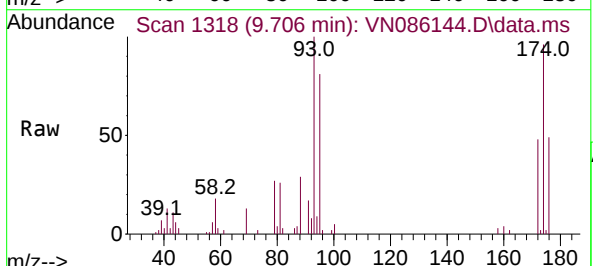
Tgt Ion: 93 Resp: 31047

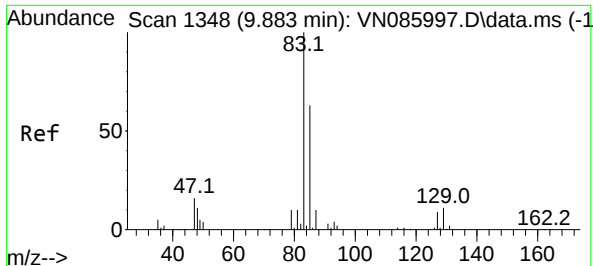
Ion Ratio Lower Upper

93 100

95 83.9 66.2 99.2

174 100.1 80.1 120.1

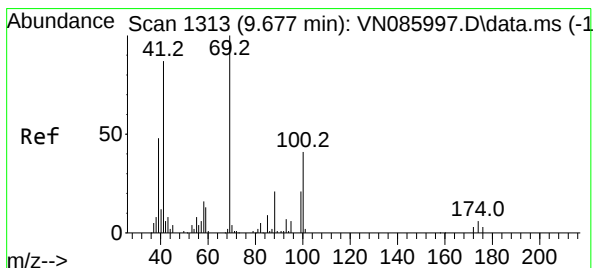
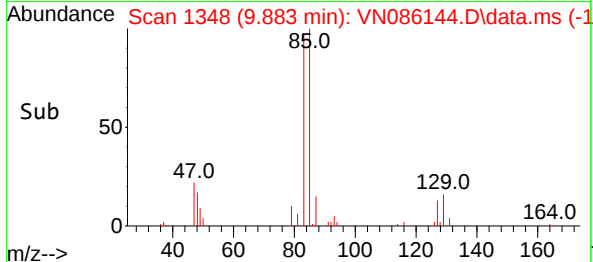
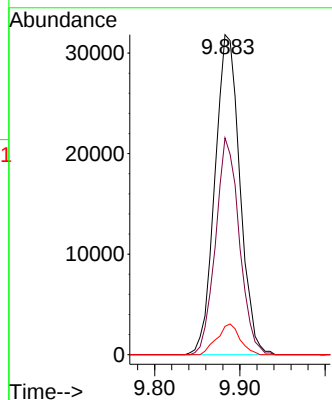
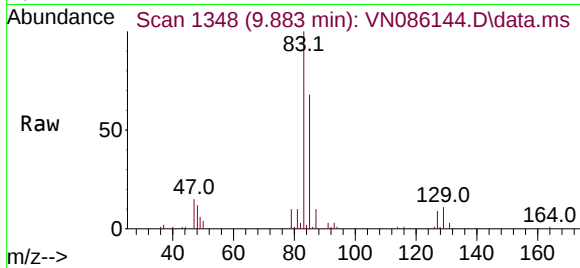




#47
Bromodichloromethane
Concen: 20.449 ug/l
RT: 9.883 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

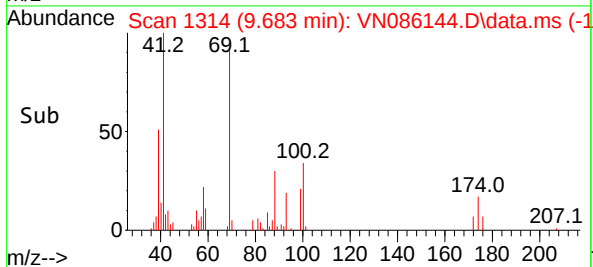
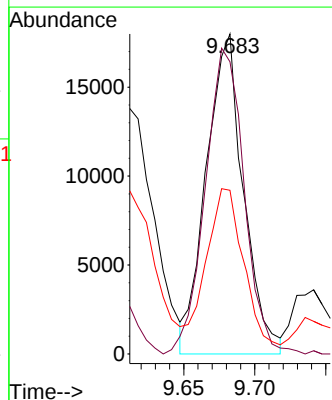
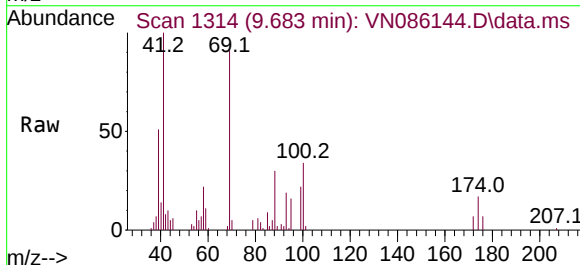
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

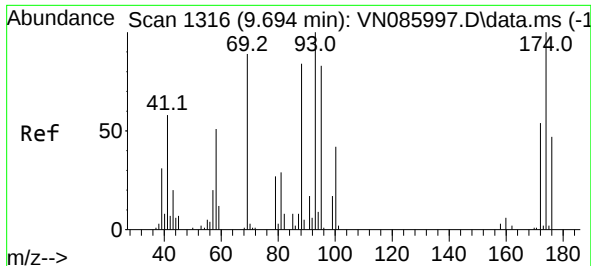
Tgt Ion: 83 Resp: 64791
Ion Ratio Lower Upper
83 100
85 67.8 50.2 75.2
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 20.143 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

Tgt Ion: 41 Resp: 32807
Ion Ratio Lower Upper
41 100
69 99.9 83.1 124.7
39 54.1 45.6 68.4

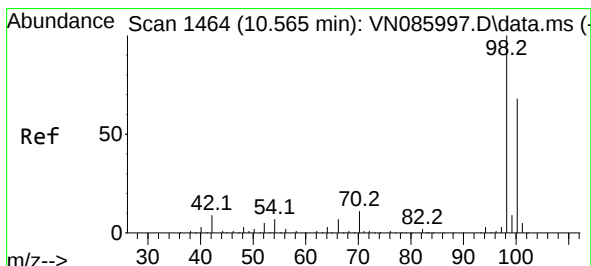
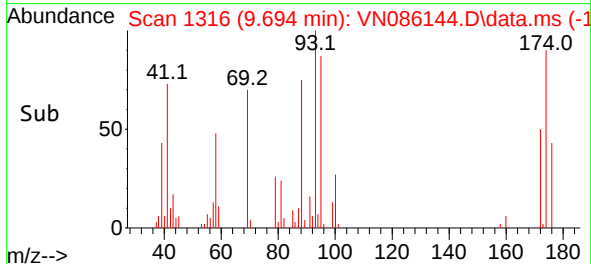
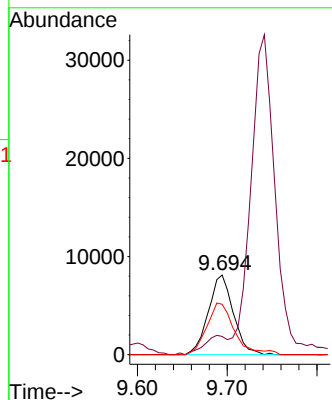
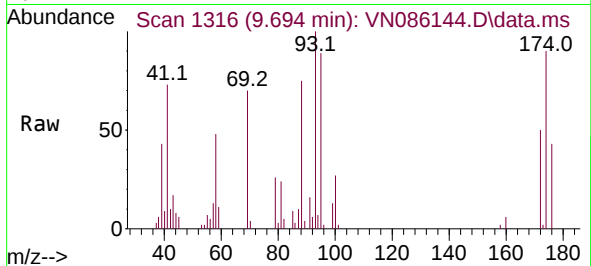




#49
1,4-Dioxane
Concen: 406.449 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

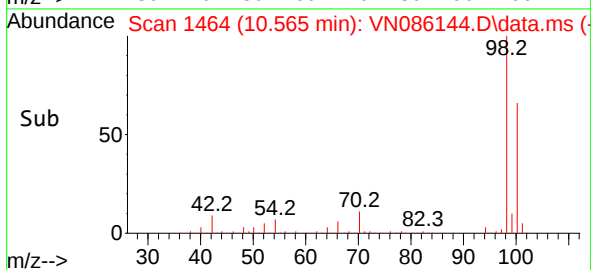
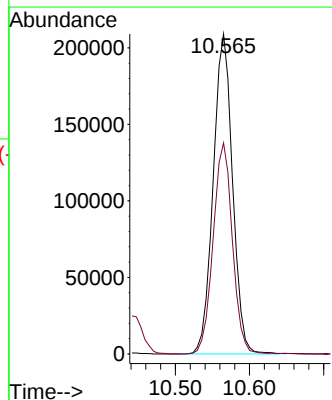
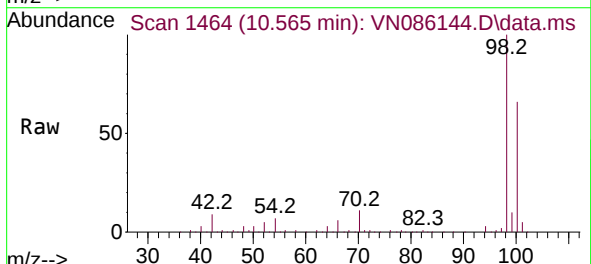
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

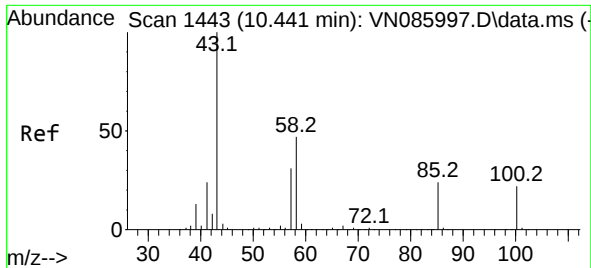
Tgt Ion: 88 Resp: 15649
Ion Ratio Lower Upper
88 100
43 22.5 21.7 32.5
58 72.1 50.4 75.6



#50
Toluene-d8
Concen: 50.904 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

Tgt Ion: 98 Resp: 378798
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7

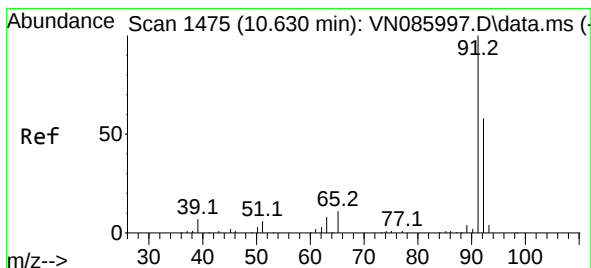
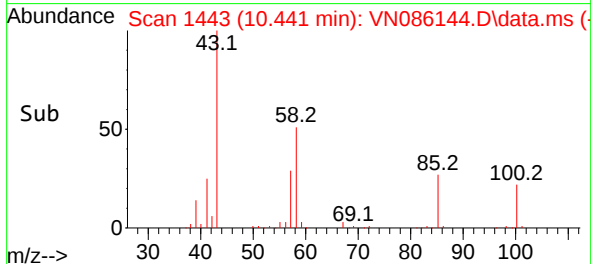
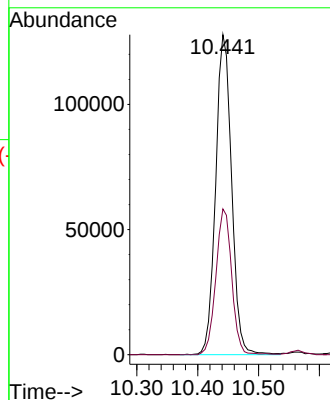
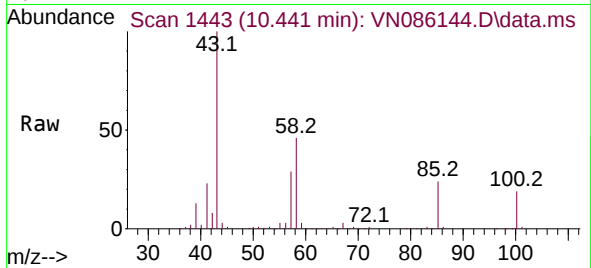




#51
4-Methyl-2-Pentanone
Concen: 106.830 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

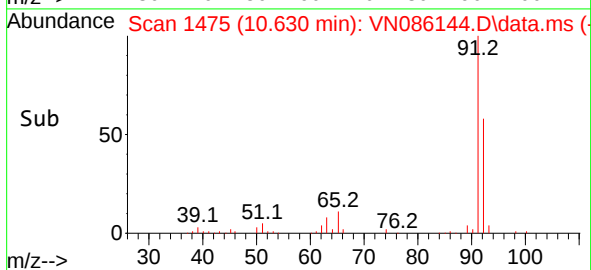
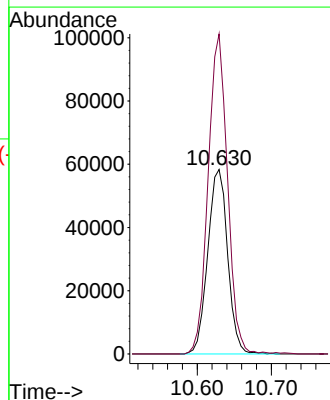
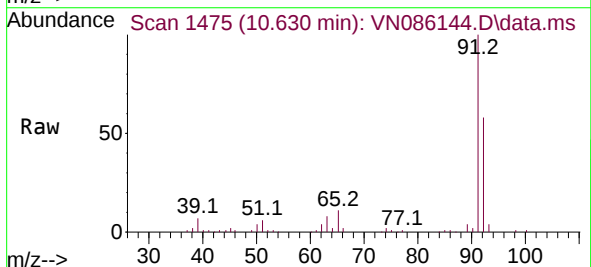
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

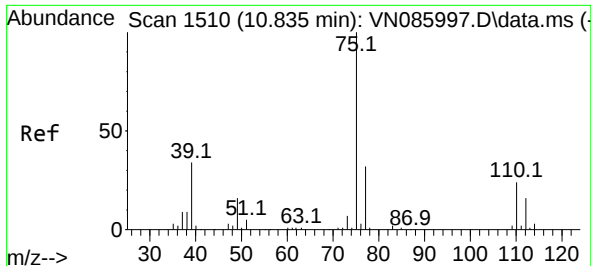
Tgt Ion: 43 Resp: 232538
Ion Ratio Lower Upper
43 100
58 45.1 37.4 56.0



#52
Toluene
Concen: 20.940 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

Tgt Ion: 92 Resp: 108927
Ion Ratio Lower Upper
92 100
91 168.6 136.2 204.4

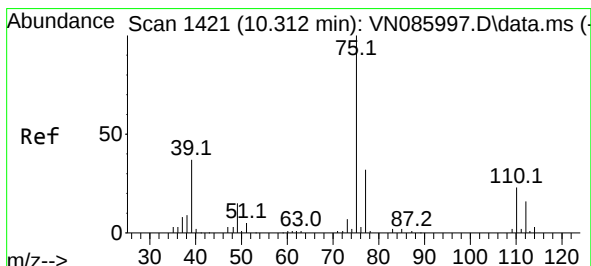
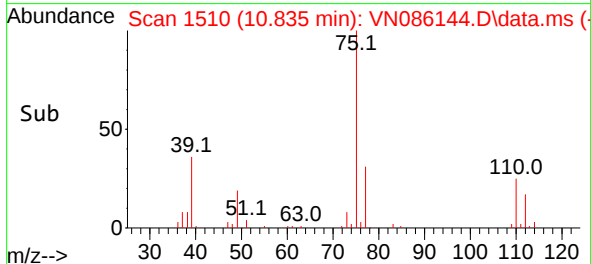
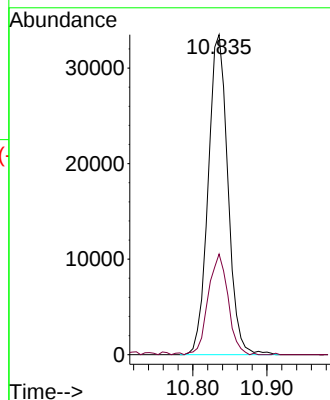
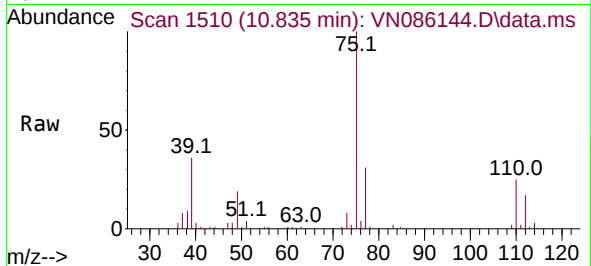




#53
 t-1,3-Dichloropropene
 Concen: 20.083 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN086144.D
 Acq: 28 Mar 2025 12:41

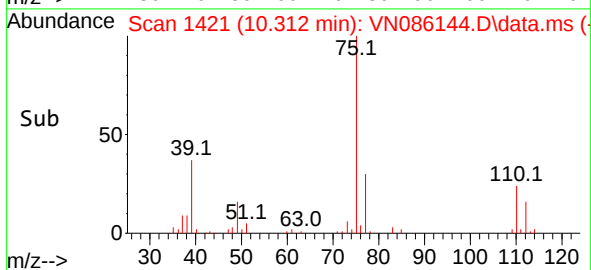
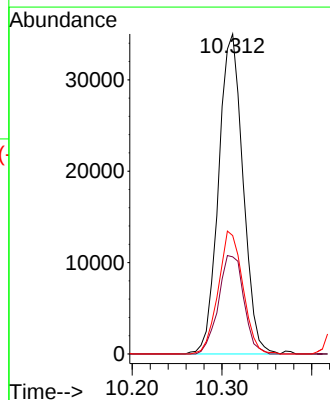
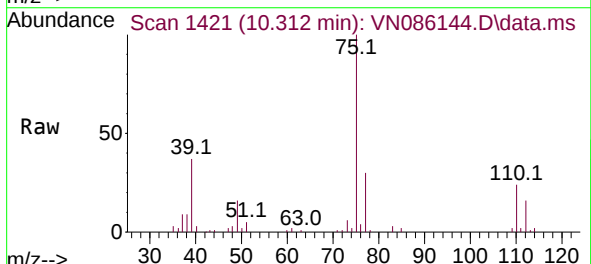
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328WBSD01

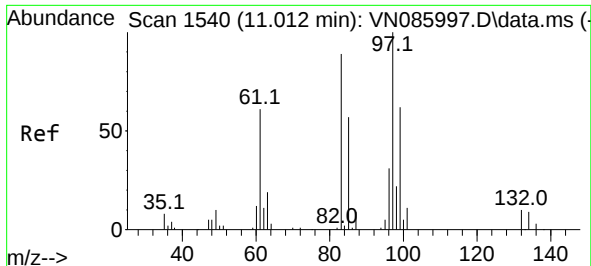
Tgt Ion: 75 Resp: 61796
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 20.344 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN086144.D
 Acq: 28 Mar 2025 12:41

Tgt Ion: 75 Resp: 66044
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.3 37.9
 39 37.0 29.6 44.4

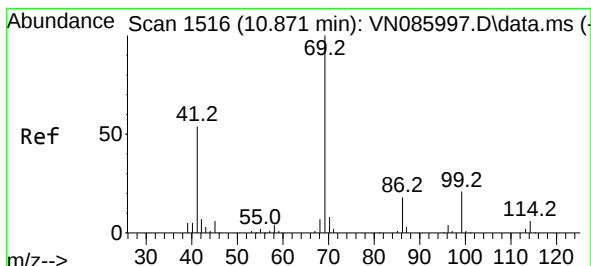
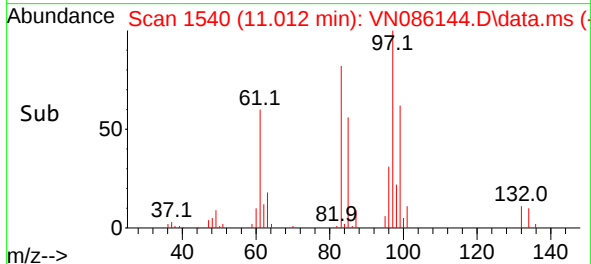
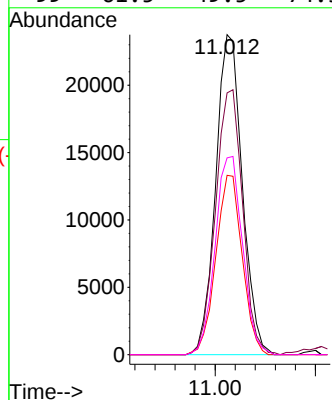
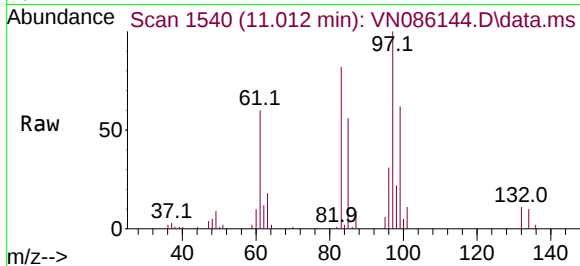




#55
1,1,2-Trichloroethane
Concen: 22.028 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

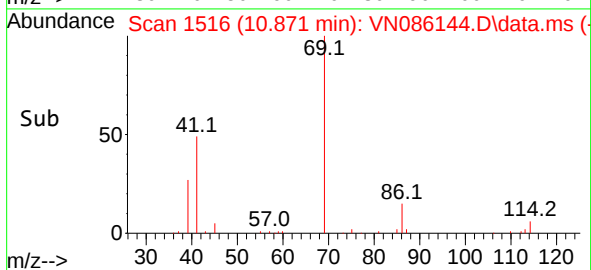
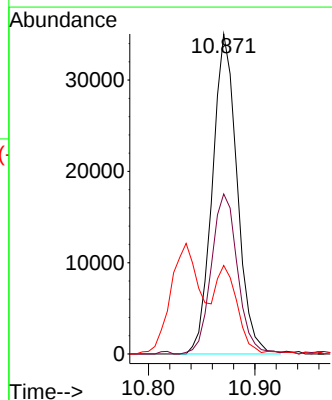
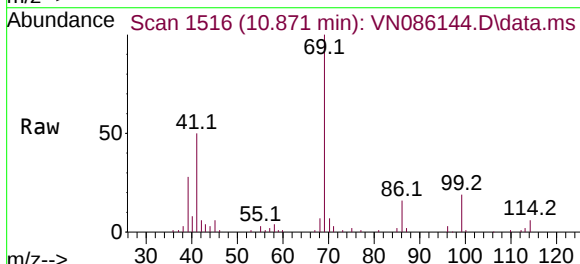
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

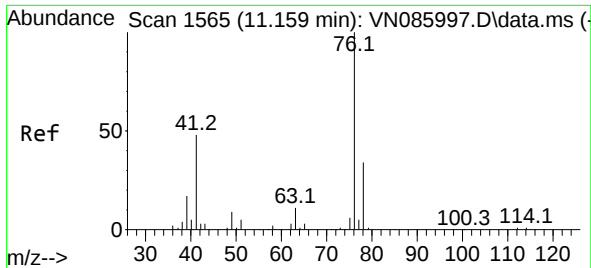
Tgt Ion:	97	Resp:	43733
Ion	Ratio	Lower	Upper
97	100		
83	81.8	71.2	106.8
85	56.1	45.4	68.0
99	61.5	49.5	74.3



#56
Ethyl methacrylate
Concen: 20.747 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

Tgt Ion:	69	Resp:	56508
Ion	Ratio	Lower	Upper
69	100		
41	53.3	41.6	62.4
39	22.3	21.8	32.8

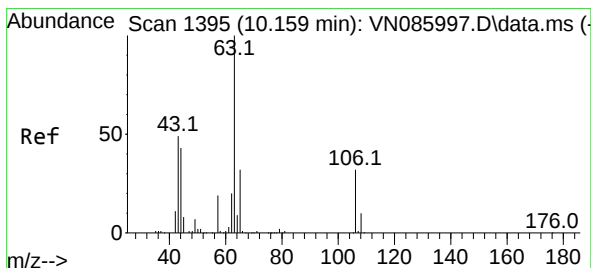
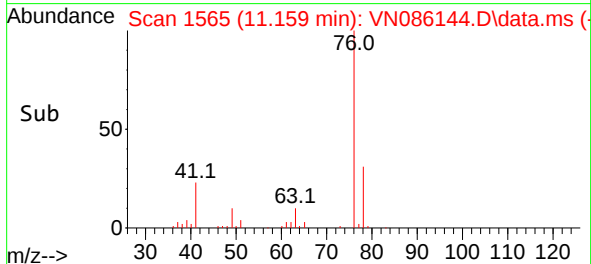
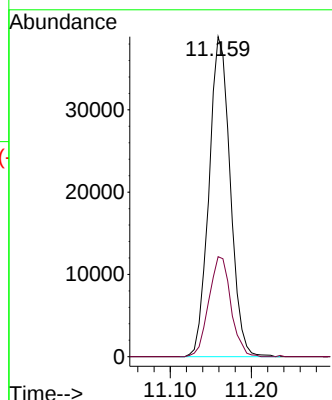
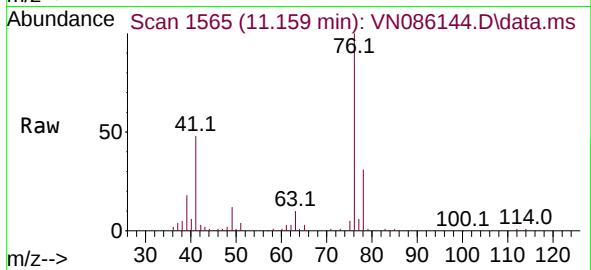




#57
1,3-Dichloropropane
Concen: 20.941 ug/l
RT: 11.159 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

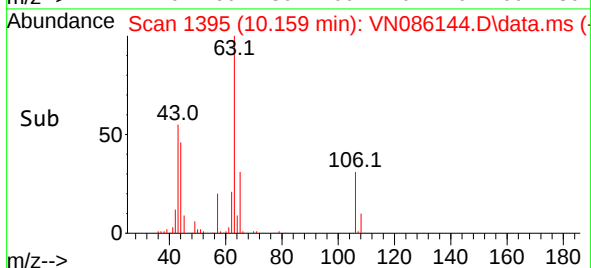
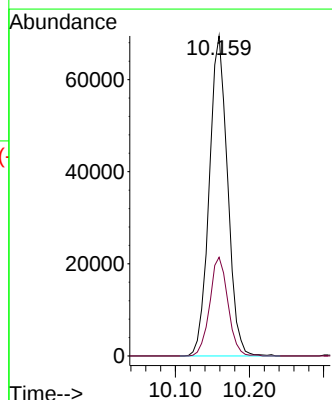
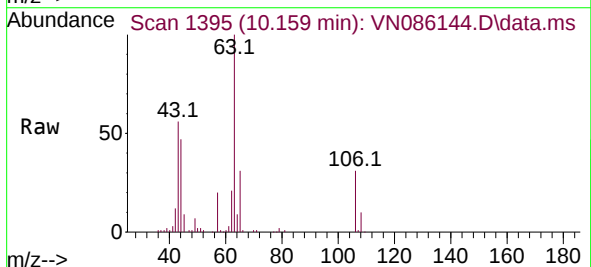
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

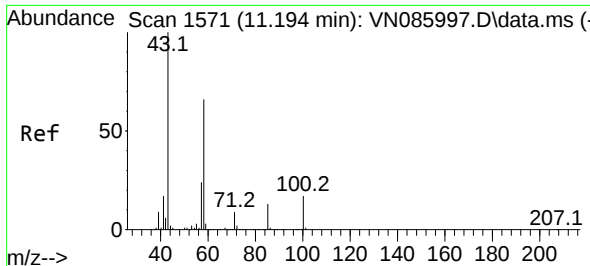
Tgt Ion: 76 Resp: 70616
Ion Ratio Lower Upper
76 100
78 32.5 25.8 38.6



#58
2-Chloroethyl Vinyl ether
Concen: 114.520 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

Tgt Ion: 63 Resp: 119242
Ion Ratio Lower Upper
63 100
106 30.6 25.0 37.6

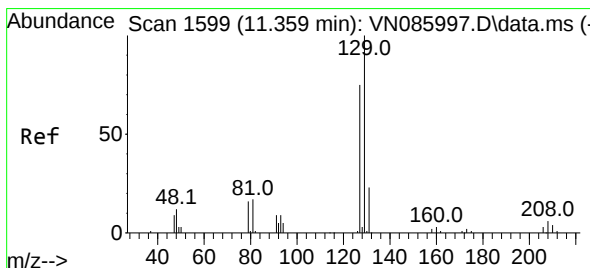
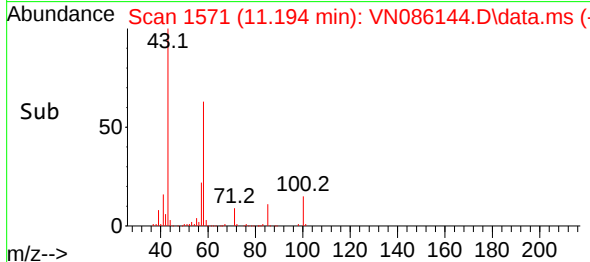
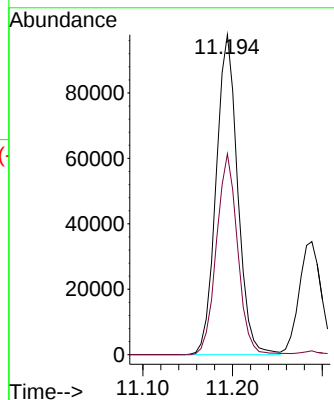
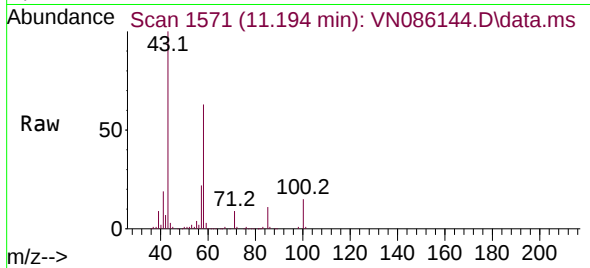




#59
2-Hexanone
Concen: 102.883 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

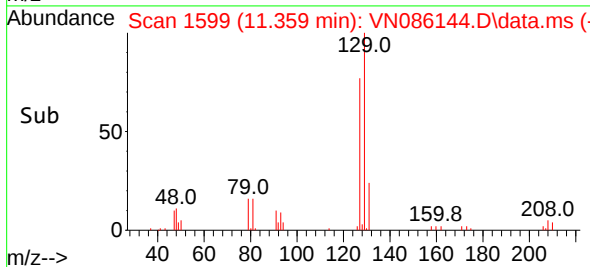
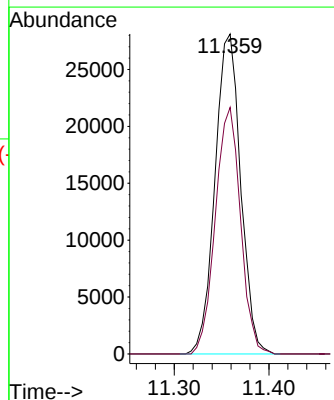
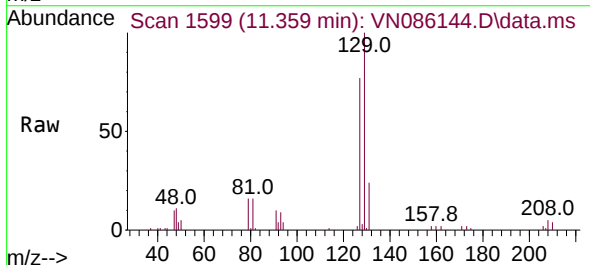
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

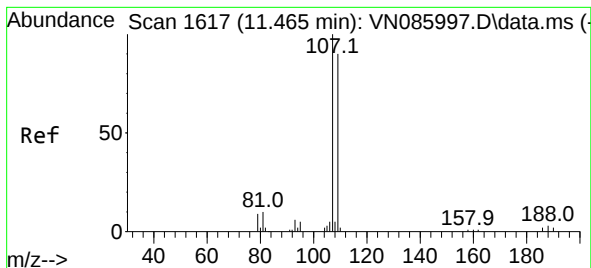
Tgt Ion: 43 Resp: 163144
Ion Ratio Lower Upper
43 100
58 61.5 32.4 97.2



#60
Dibromochloromethane
Concen: 20.708 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

Tgt Ion:129 Resp: 53052
Ion Ratio Lower Upper
129 100
127 75.3 37.8 113.4

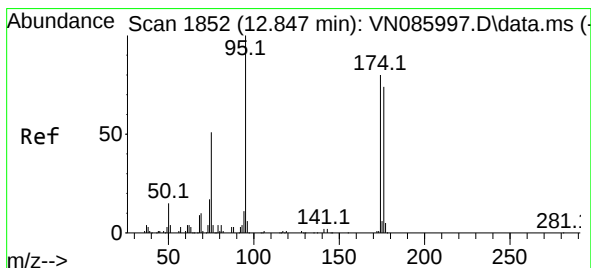
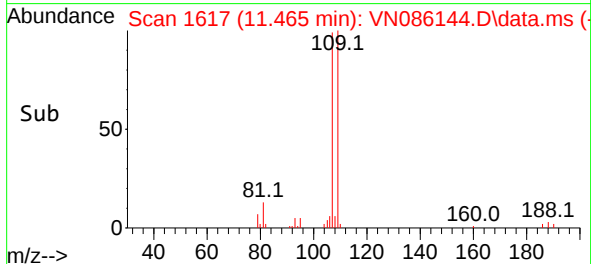
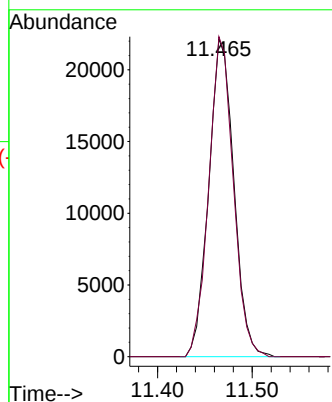
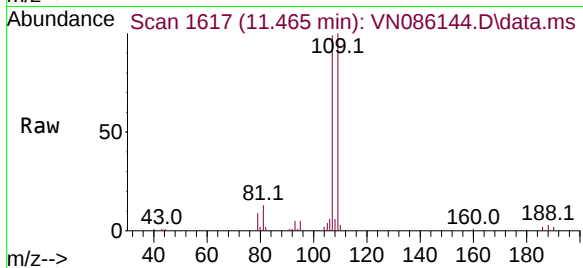




#61
1,2-Dibromoethane
Concen: 20.026 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

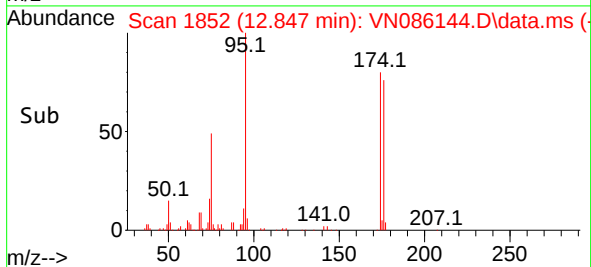
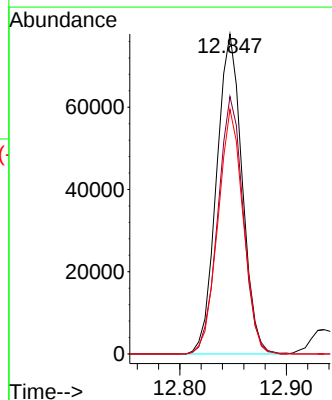
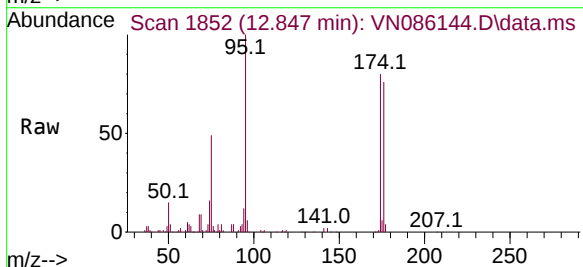
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

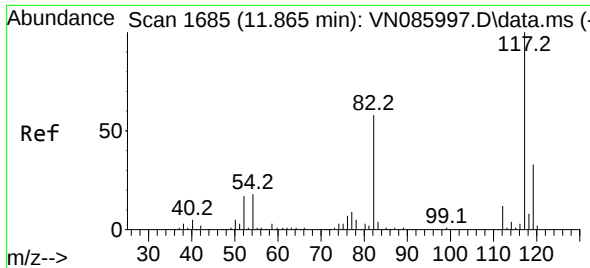
Tgt Ion:107 Resp: 40818
Ion Ratio Lower Upper
107 100
109 98.3 73.3 109.9



#62
4-Bromofluorobenzene
Concen: 48.741 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

Tgt Ion: 95 Resp: 129351
Ion Ratio Lower Upper
95 100
174 79.8 0.0 156.8
176 75.8 0.0 152.2

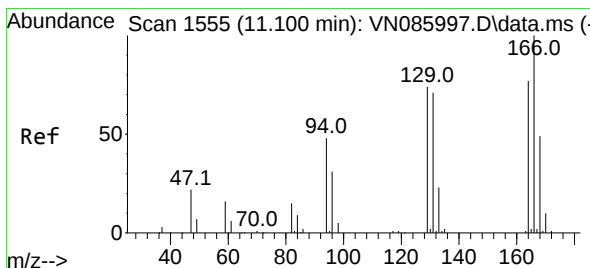
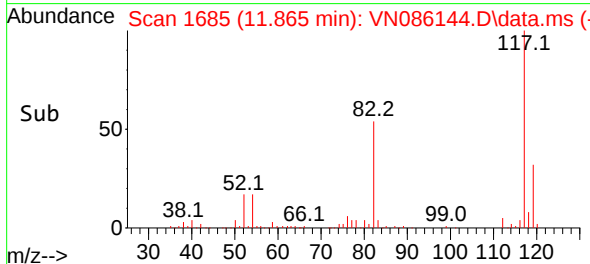
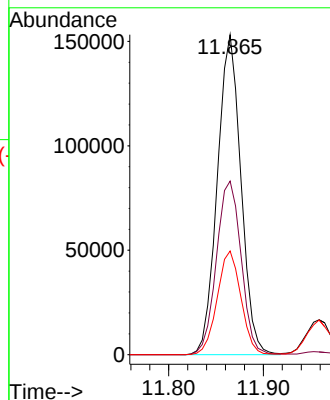
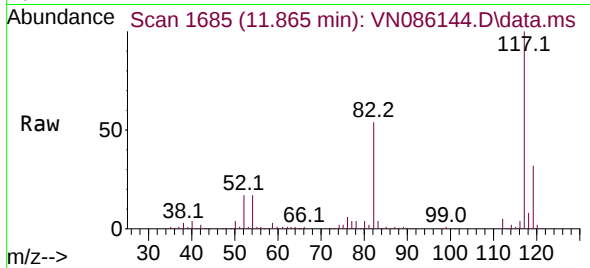




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

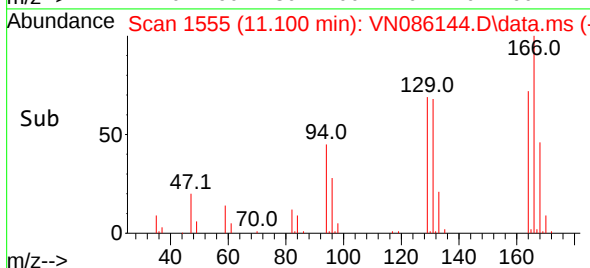
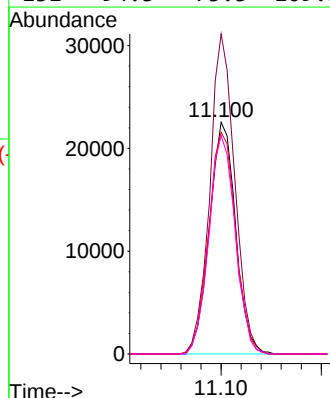
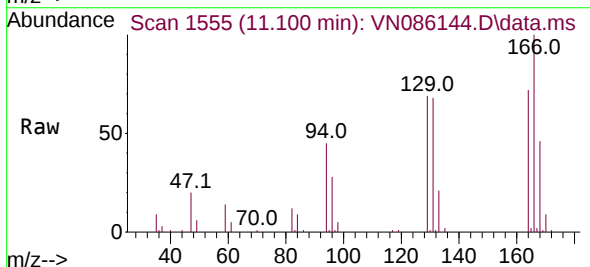
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

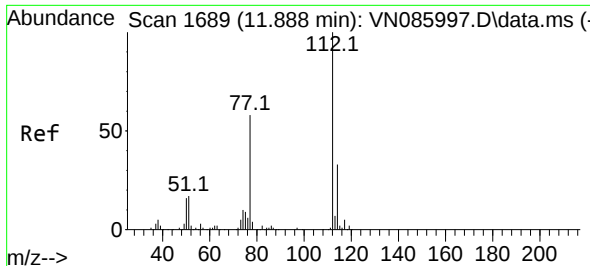
Tgt Ion:117 Resp: 265579
Ion Ratio Lower Upper
117 100
82 54.3 46.7 70.1
119 32.4 26.5 39.7



#64
Tetrachloroethene
Concen: 19.284 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

Tgt Ion:164 Resp: 40855
Ion Ratio Lower Upper
164 100
166 138.1 103.7 155.5
129 95.7 77.1 115.7
131 94.3 73.3 109.9

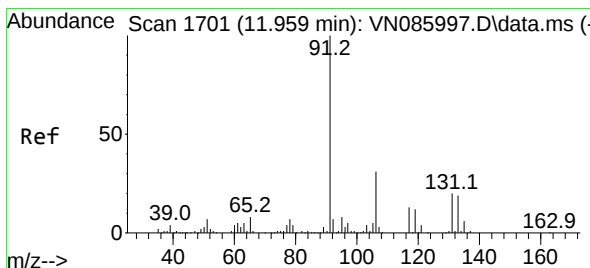
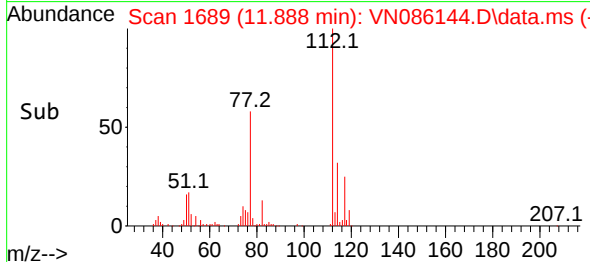
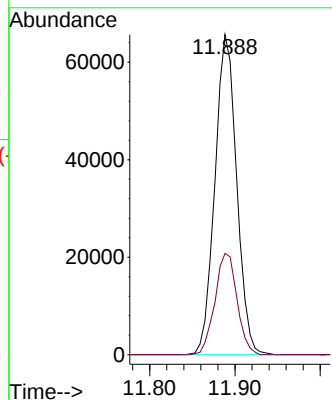
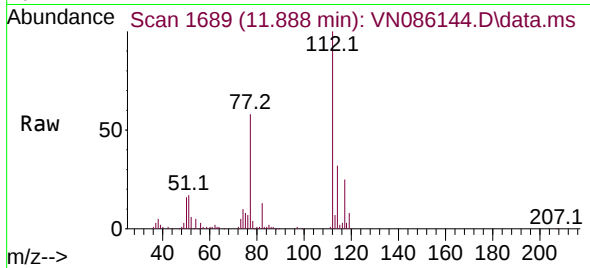




#65
Chlorobenzene
Concen: 19.155 ug/l
RT: 11.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

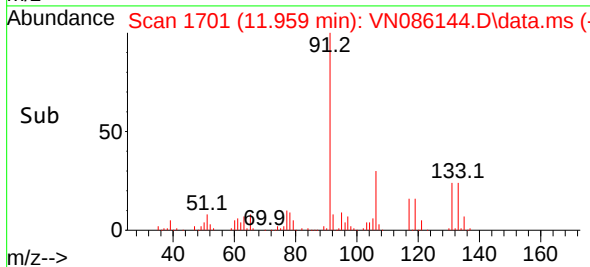
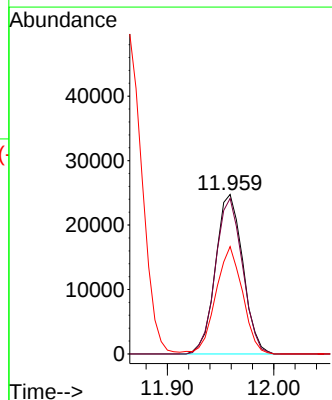
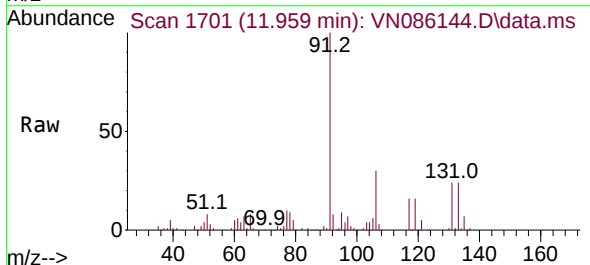
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

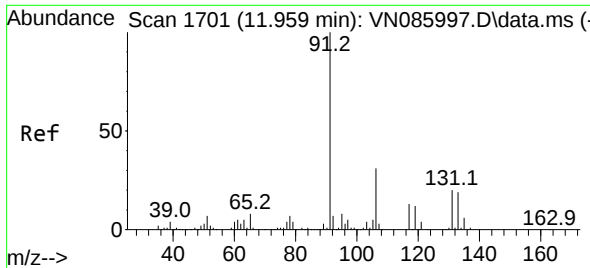
Tgt Ion:112 Resp: 116410
Ion Ratio Lower Upper
112 100
114 31.6 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.569 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

Tgt Ion:131 Resp: 44208
Ion Ratio Lower Upper
131 100
133 96.3 47.0 141.0
119 66.0 31.4 94.0

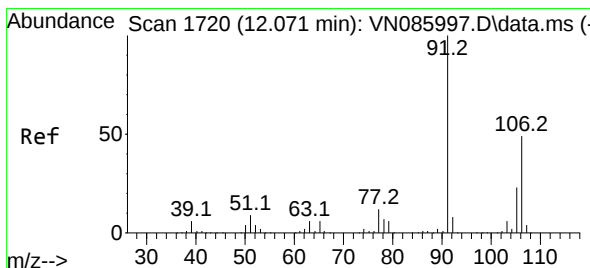
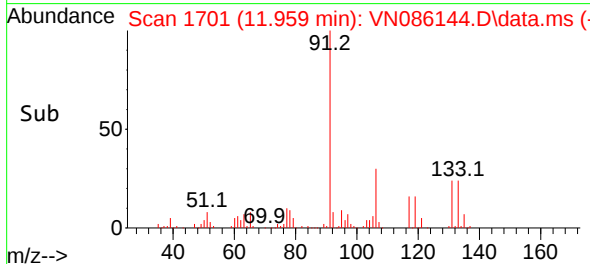
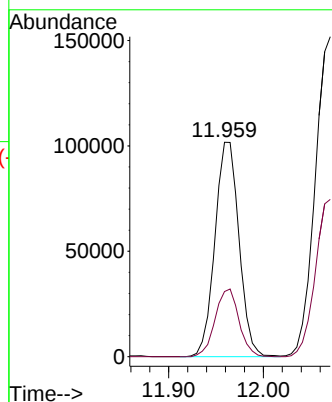
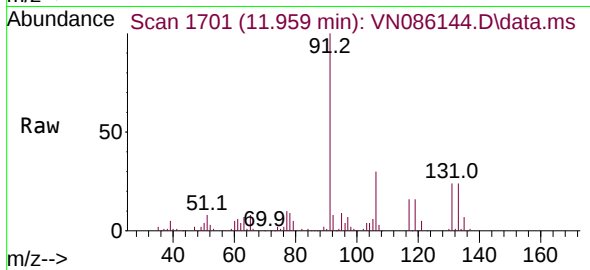




#67
Ethyl Benzene
Concen: 18.516 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

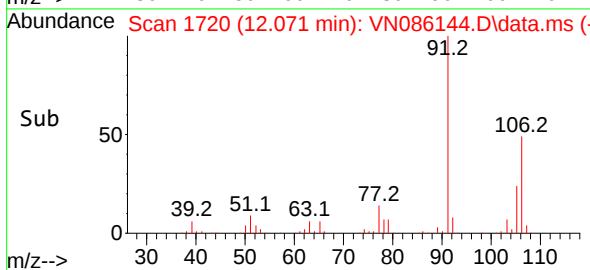
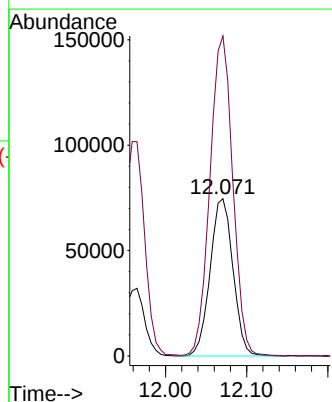
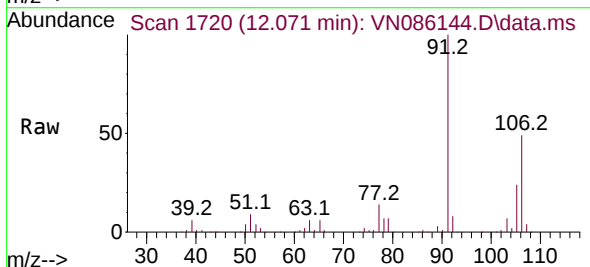
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

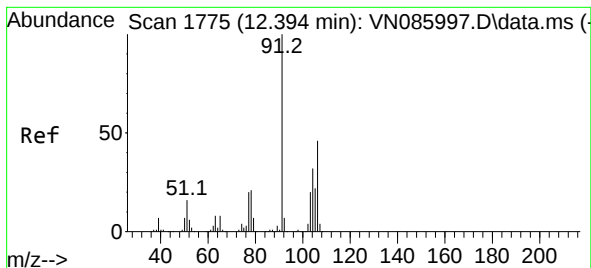
Tgt Ion: 91 Resp: 180001
Ion Ratio Lower Upper
91 100
106 30.4 24.5 36.7



#68
m/p-Xylenes
Concen: 38.136 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

Tgt Ion:106 Resp: 145711
Ion Ratio Lower Upper
106 100
91 203.9 163.9 245.9





#69

o-Xylene

Concen: 19.712 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN086144.D

Acq: 28 Mar 2025 12:41

Instrument :

MSVOA_N

ClientSampleId :

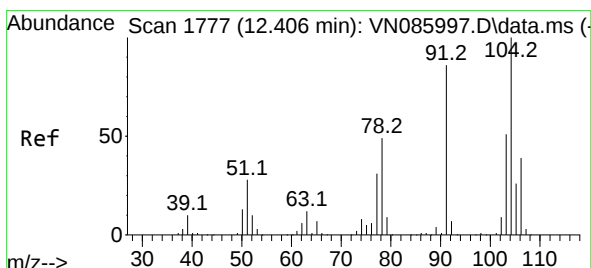
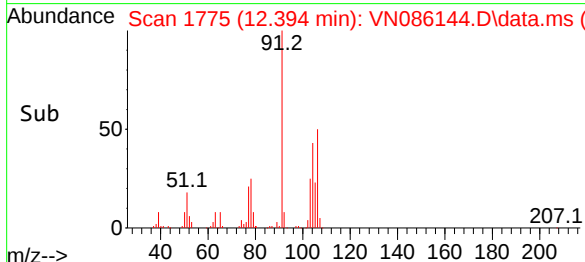
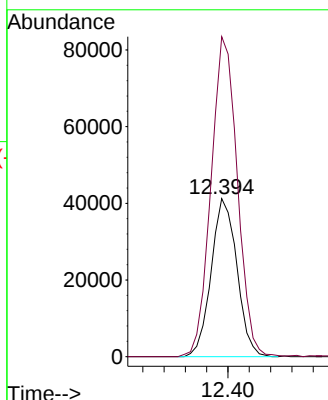
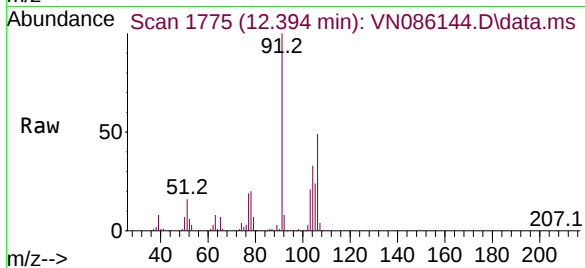
VN0328WBSD01

Tgt Ion:106 Resp: 69126

Ion Ratio Lower Upper

106 100

91 207.6 109.1 327.2



#70

Styrene

Concen: 19.448 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VN086144.D

Acq: 28 Mar 2025 12:41

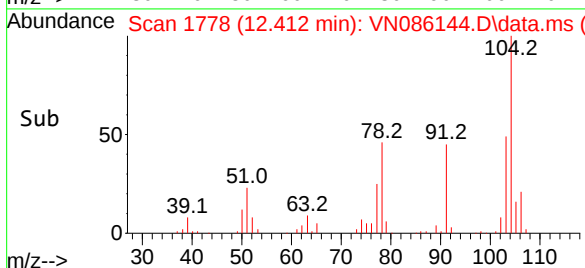
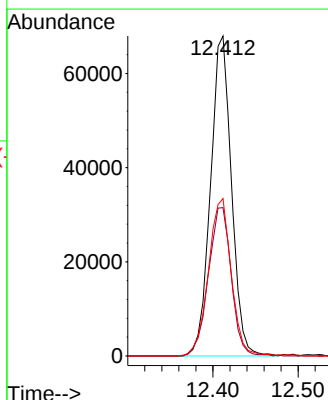
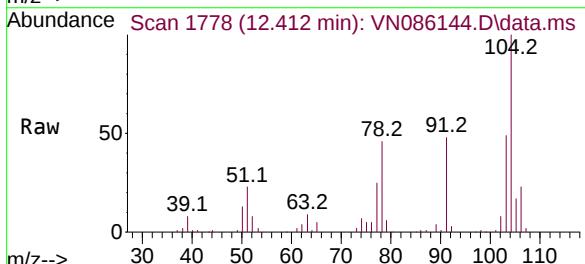
Tgt Ion:104 Resp: 116489

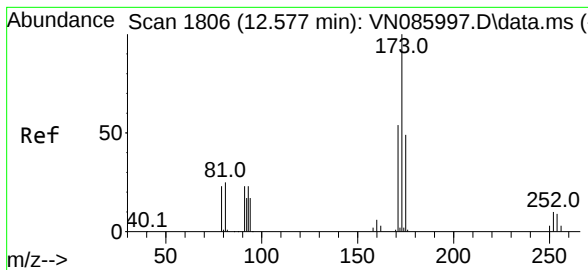
Ion Ratio Lower Upper

104 100

78 50.6 41.4 62.2

103 53.4 42.9 64.3

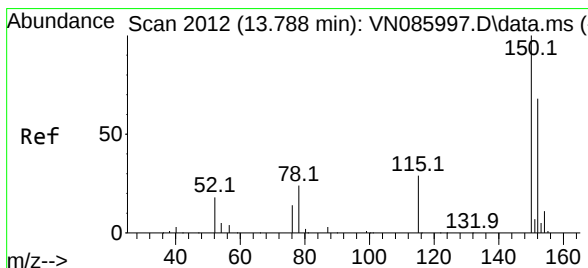
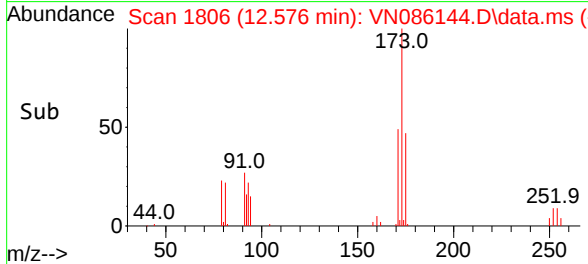
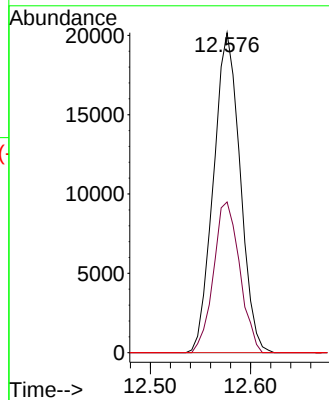
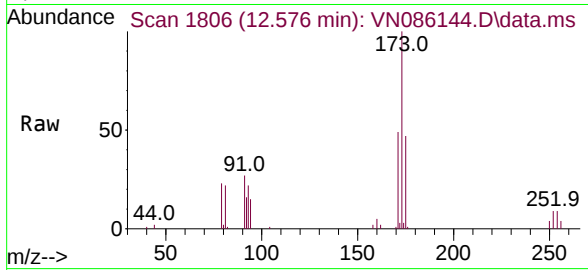




#71
Bromoform
Concen: 19.683 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

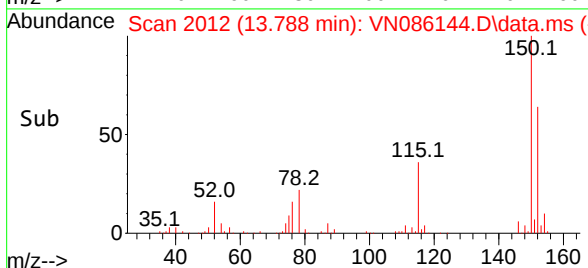
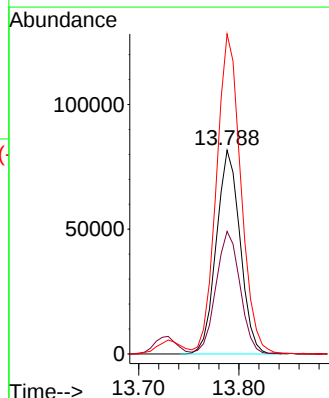
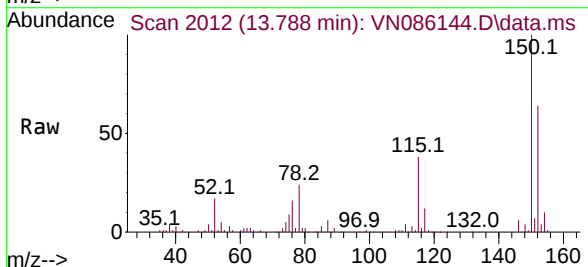
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

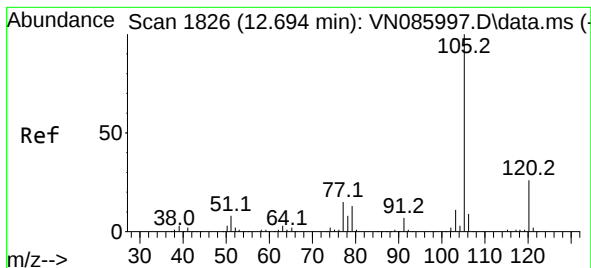
Tgt Ion:173 Resp: 37171
Ion Ratio Lower Upper
173 100
175 46.3 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

Tgt Ion:152 Resp: 134304
Ion Ratio Lower Upper
152 100
115 61.0 31.1 93.2
150 161.9 0.0 359.6





#73

Isopropylbenzene

Concen: 18.127 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN086144.D

Acq: 28 Mar 2025 12:41

Instrument :

MSVOA_N

ClientSampleId :

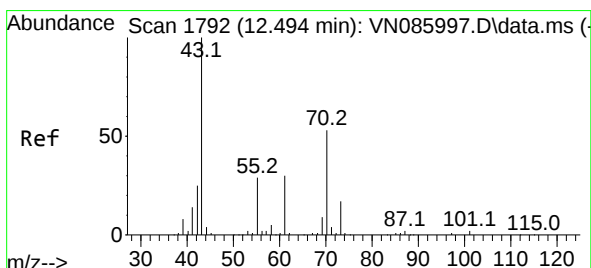
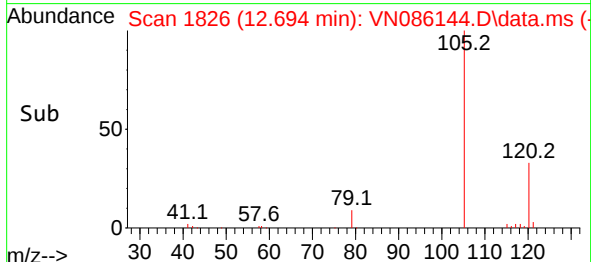
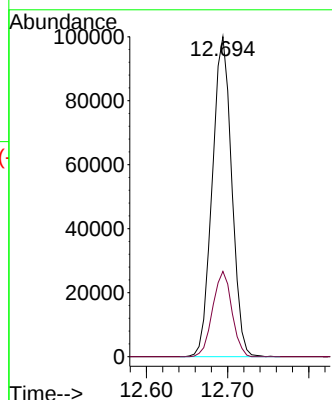
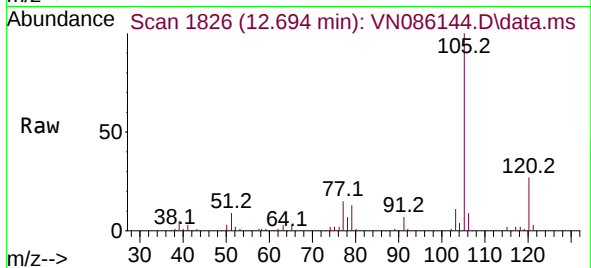
VN0328WBSD01

Tgt Ion:105 Resp: 166250

Ion Ratio Lower Upper

105 100

120 26.3 13.0 39.0



#74

N-ethyl acetate

Concen: 19.311 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN086144.D

Acq: 28 Mar 2025 12:41

Tgt Ion: 43 Resp: 59254

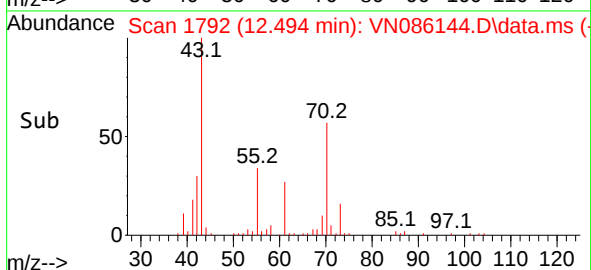
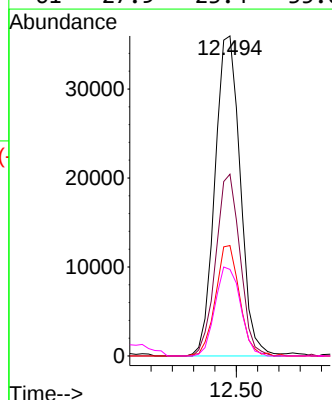
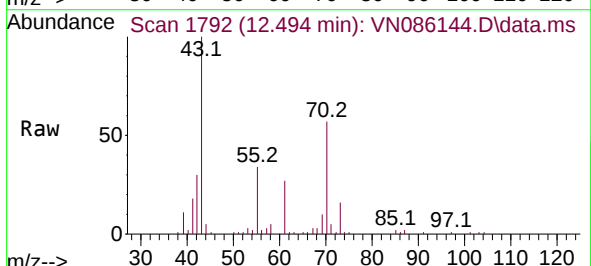
Ion Ratio Lower Upper

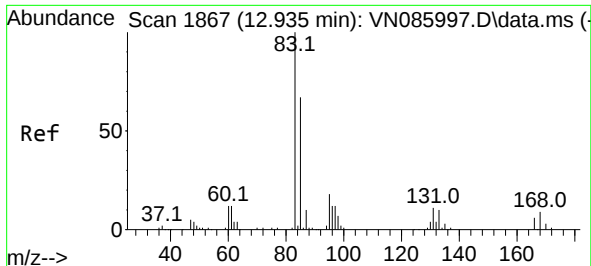
43 100

70 54.5 43.0 64.4

55 33.0 23.8 35.8

61 27.9 23.4 35.0

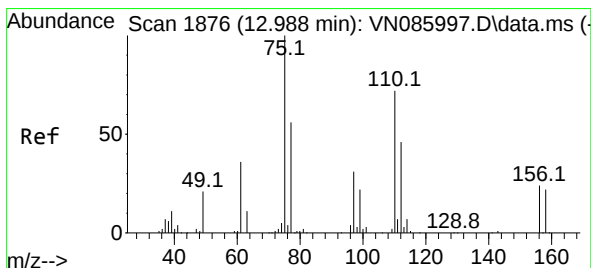
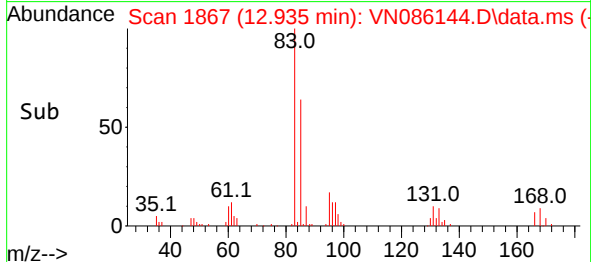
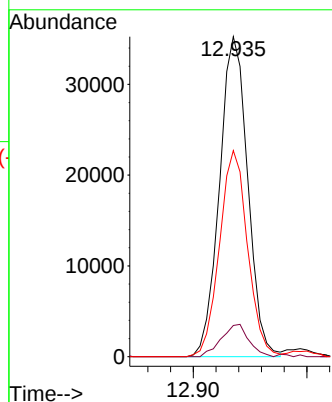
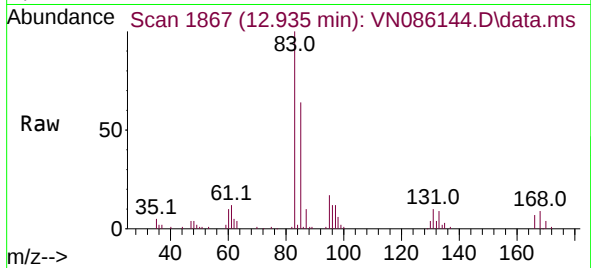




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.622 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VN086144.D
 Acq: 28 Mar 2025 12:41

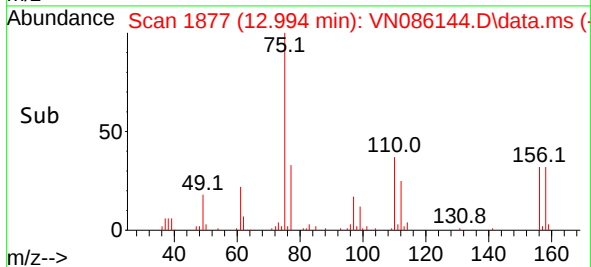
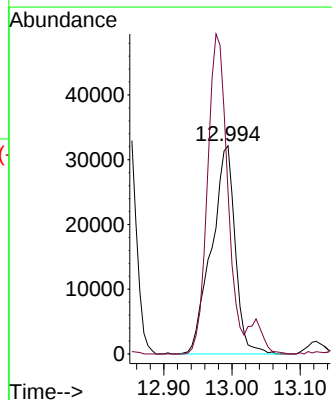
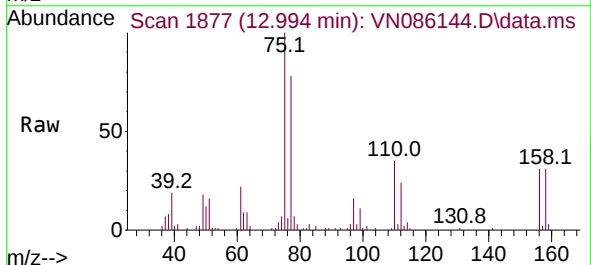
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328WBSD01

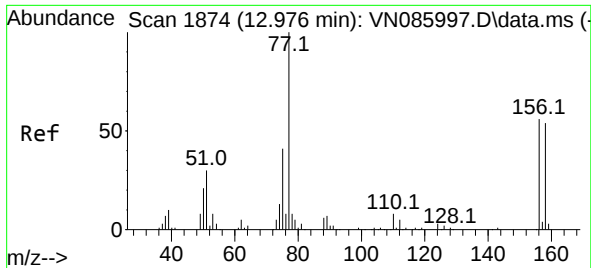
Tgt Ion: 83 Resp: 60884
 Ion Ratio Lower Upper
 83 100
 131 9.8 5.5 16.5
 85 64.0 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 25.799 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.006 min
 Lab File: VN086144.D
 Acq: 28 Mar 2025 12:41

Tgt Ion: 75 Resp: 77574
 Ion Ratio Lower Upper
 75 100
 77 130.0 83.7 251.0

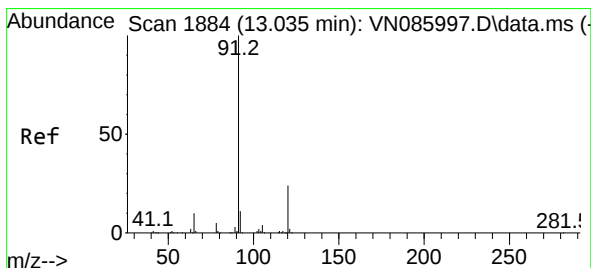
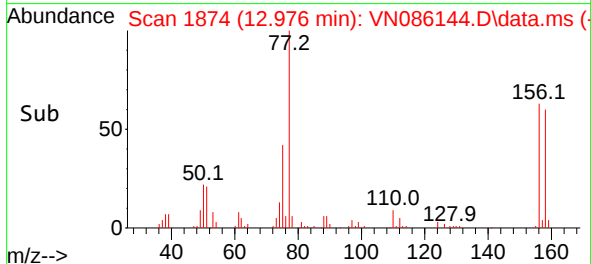
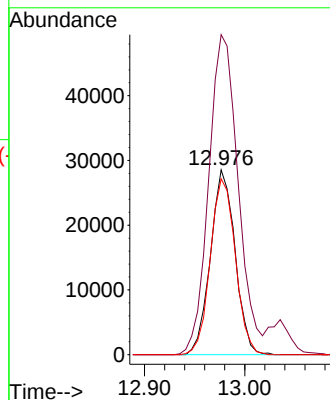
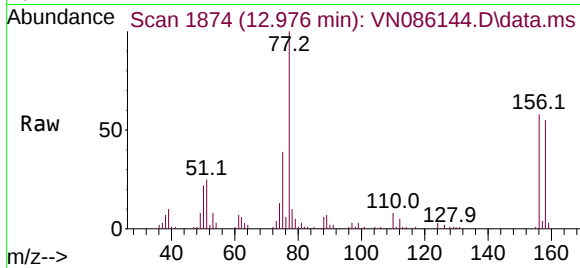




#77
Bromobenzene
Concen: 19.049 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

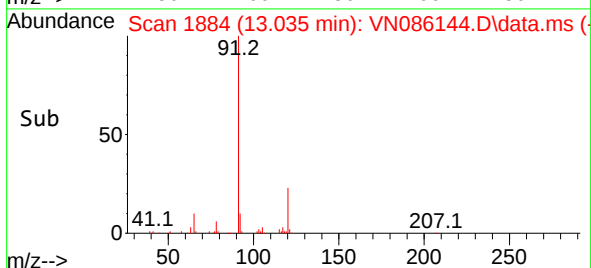
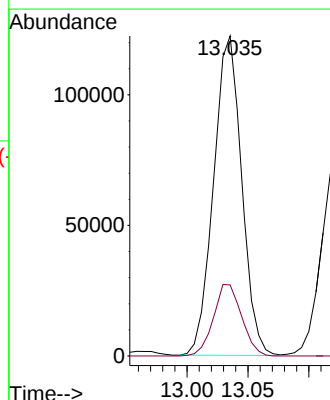
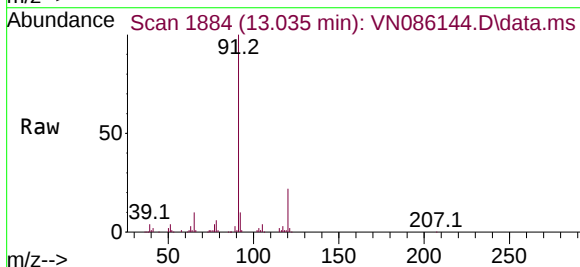
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

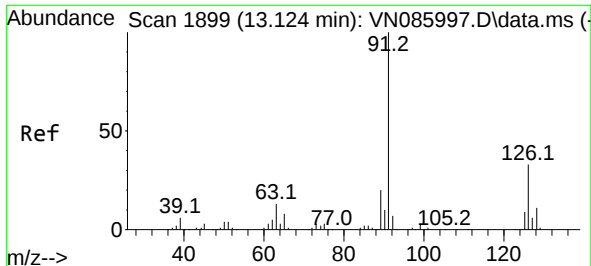
Tgt Ion:156 Resp: 48714
Ion Ratio Lower Upper
156 100
77 207.1 104.1 312.3
158 96.8 49.0 147.0



#78
n-propylbenzene
Concen: 18.893 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

Tgt Ion: 91 Resp: 196208
Ion Ratio Lower Upper
91 100
120 22.5 11.7 35.0

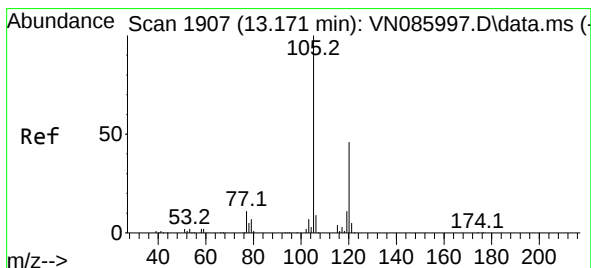
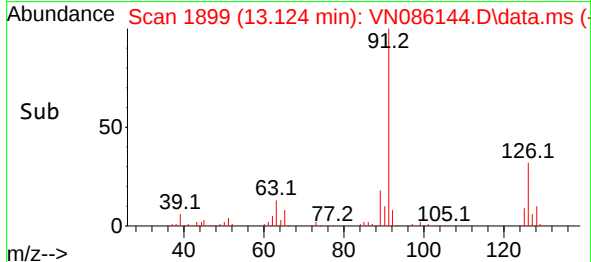
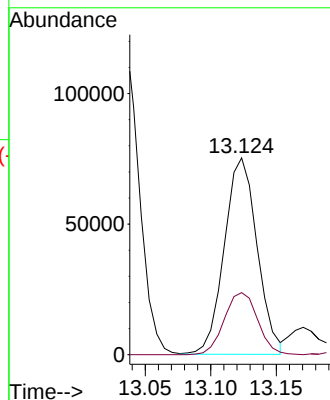
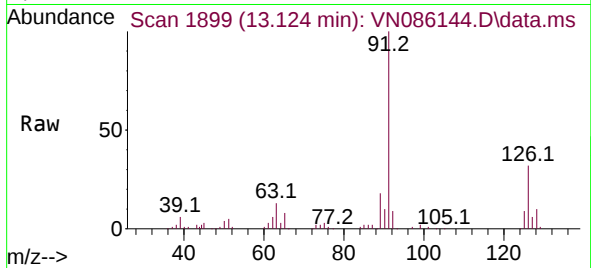




#79
2-Chlorotoluene
Concen: 18.990 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

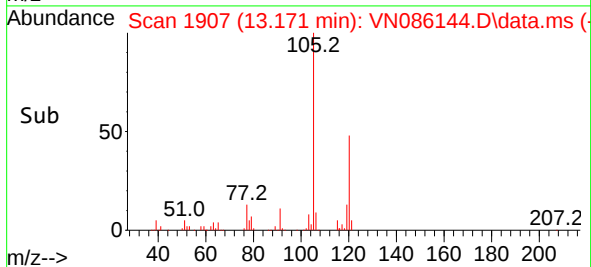
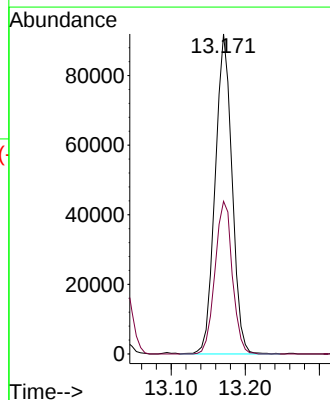
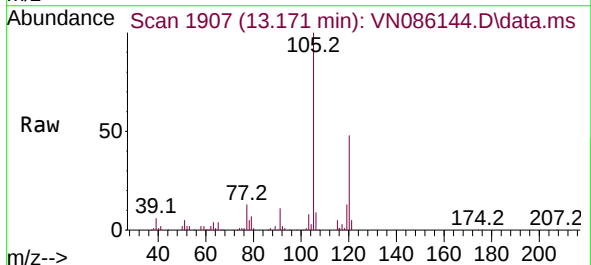
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

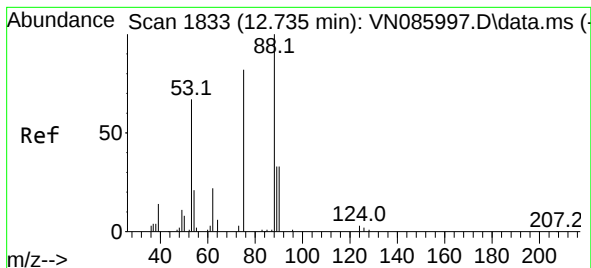
Tgt Ion: 91 Resp: 130996
Ion Ratio Lower Upper
91 100
126 32.2 16.4 49.2



#80
1,3,5-Trimethylbenzene
Concen: 18.760 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

Tgt Ion: 105 Resp: 145267
Ion Ratio Lower Upper
105 100
120 48.9 23.7 71.1

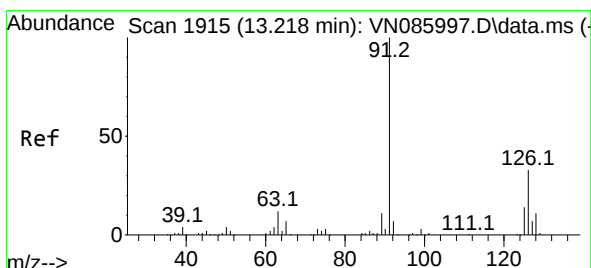
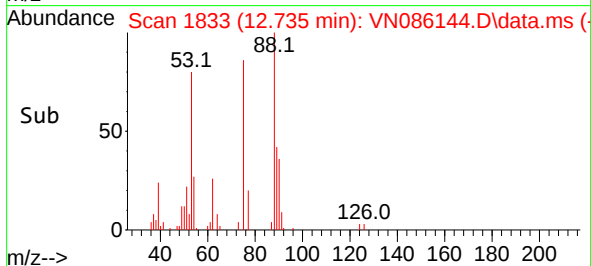
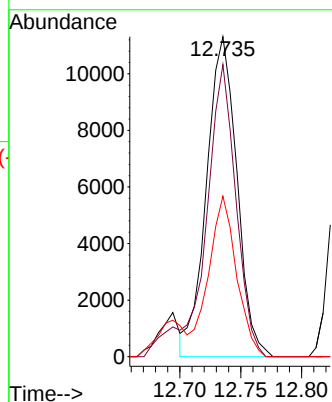
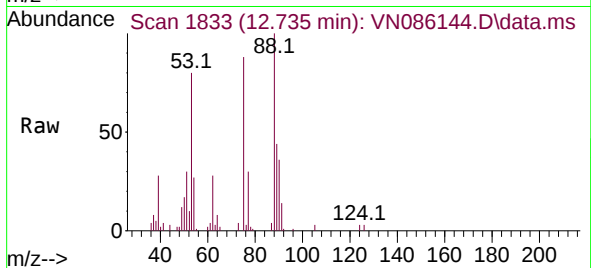




#81
trans-1,4-Dichloro-2-butene
Concen: 17.254 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

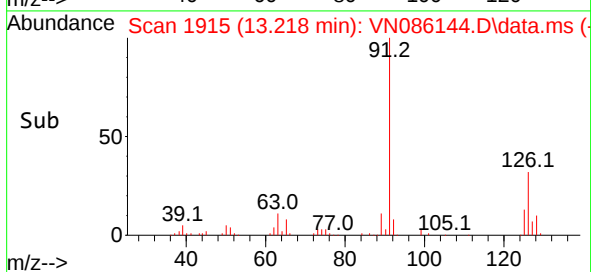
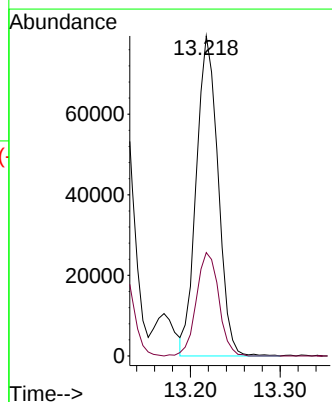
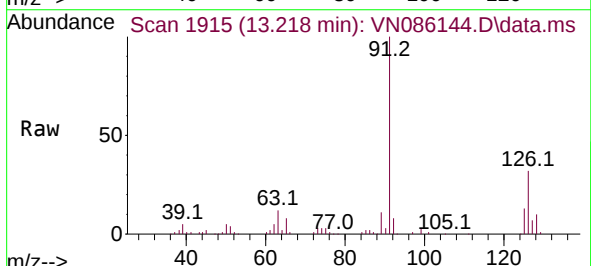
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

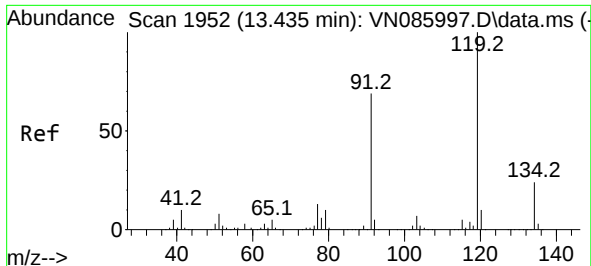
Tgt Ion: 75 Resp: 19623
Ion Ratio Lower Upper
75 100
53 92.2 66.0 99.0
89 46.2 36.9 55.3



#82
4-Chlorotoluene
Concen: 18.843 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

Tgt Ion: 91 Resp: 133668
Ion Ratio Lower Upper
91 100
126 33.3 16.1 48.2

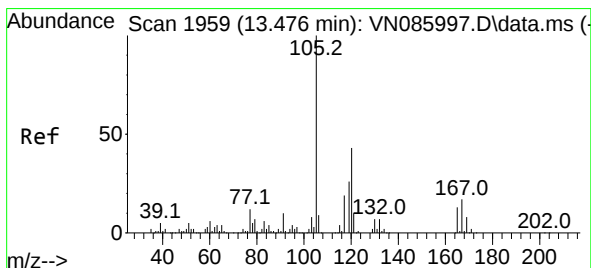
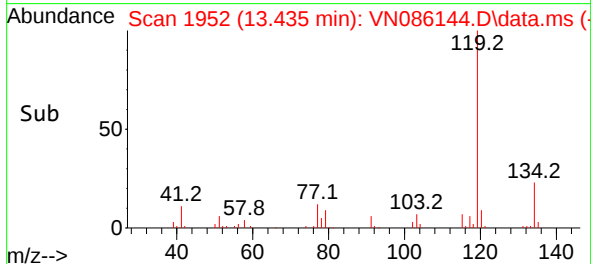
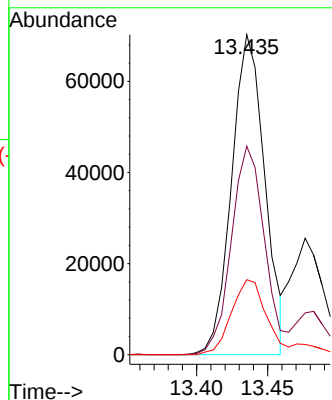
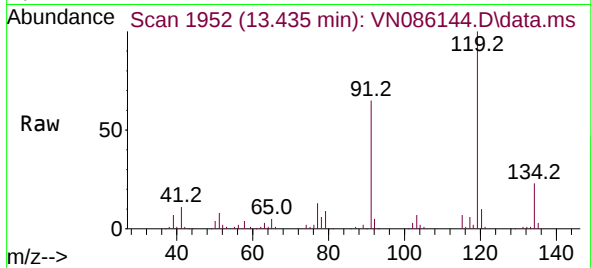




#83
tert-Butylbenzene
Concen: 17.236 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

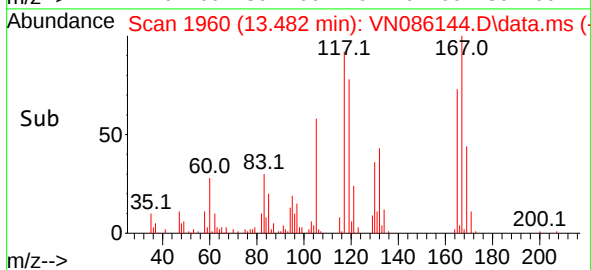
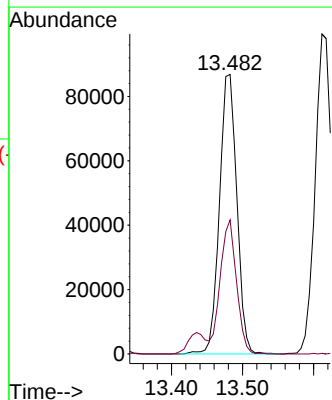
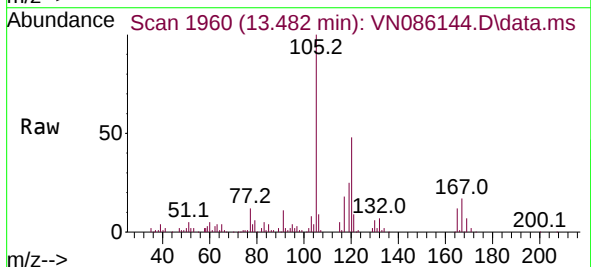
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

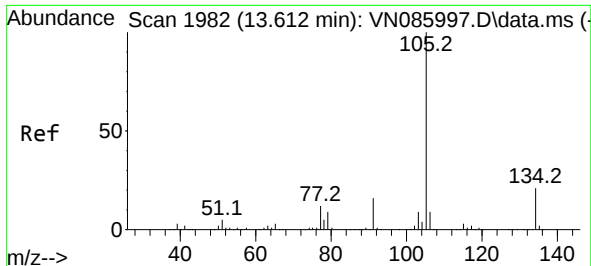
Tgt Ion:119 Resp: 114149
Ion Ratio Lower Upper
119 100
91 65.9 34.3 102.9
134 24.5 13.5 40.5



#84
1,2,4-Trimethylbenzene
Concen: 18.827 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

Tgt Ion:105 Resp: 147040
Ion Ratio Lower Upper
105 100
120 44.8 21.9 65.8

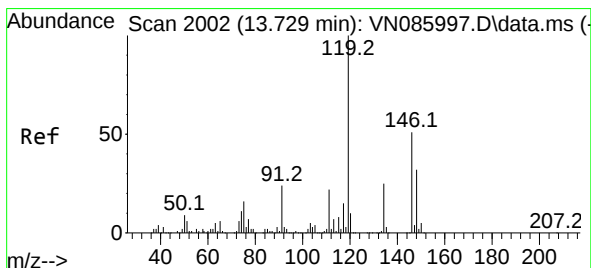
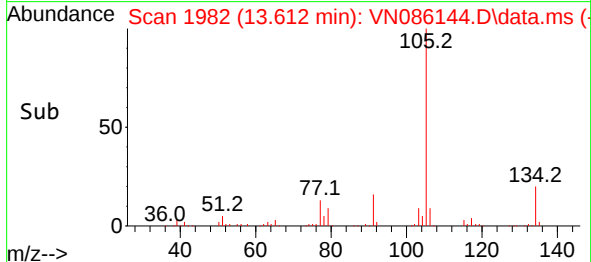
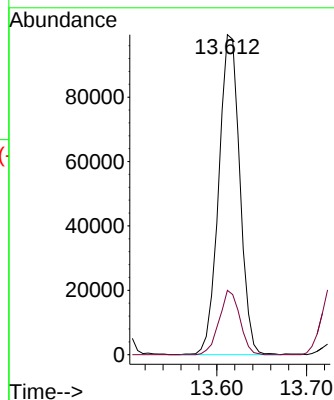
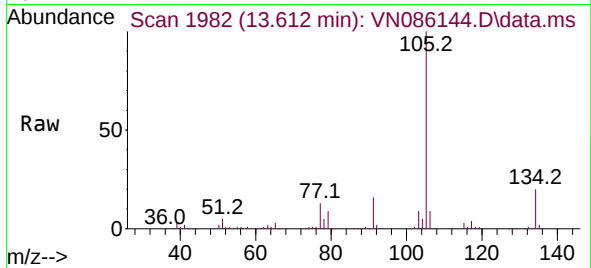




#85
 sec-Butylbenzene
 Concen: 18.778 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086144.D
 Acq: 28 Mar 2025 12:41

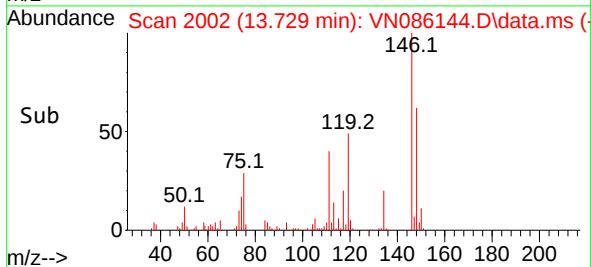
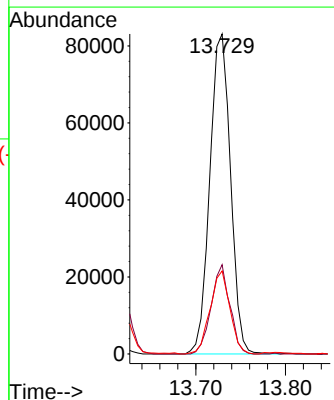
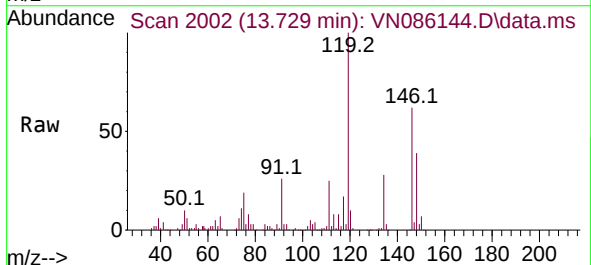
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328WBSD01

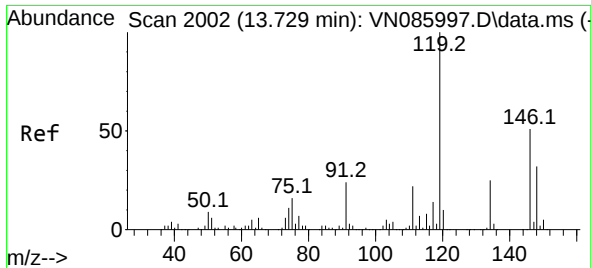
Tgt Ion:105 Resp: 162233
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 18.193 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086144.D
 Acq: 28 Mar 2025 12:41

Tgt Ion:119 Resp: 133053
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.8
 91 24.8 12.3 36.8

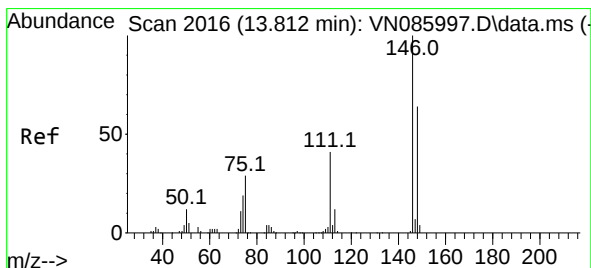
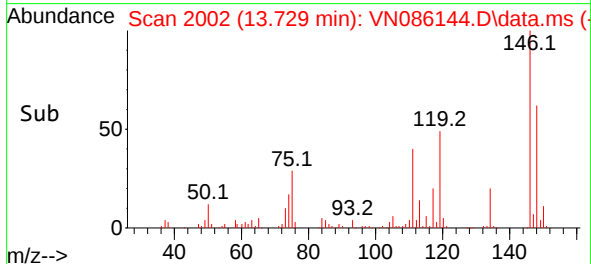
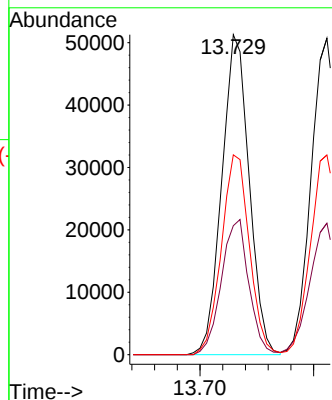
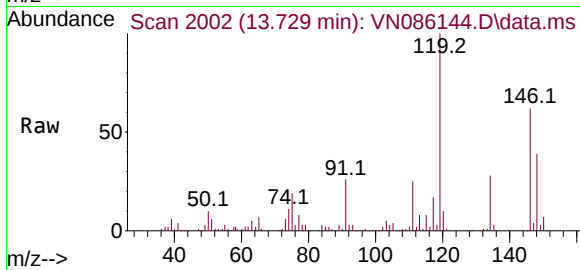




#87
 1,3-Dichlorobenzene
 Concen: 18.611 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086144.D
 Acq: 28 Mar 2025 12:41

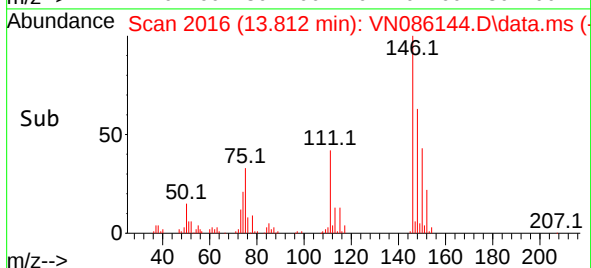
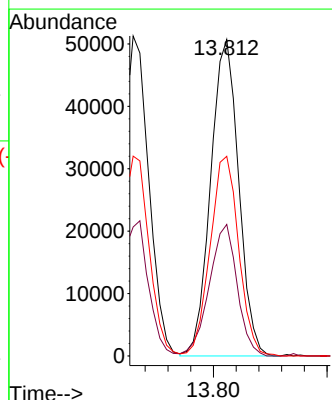
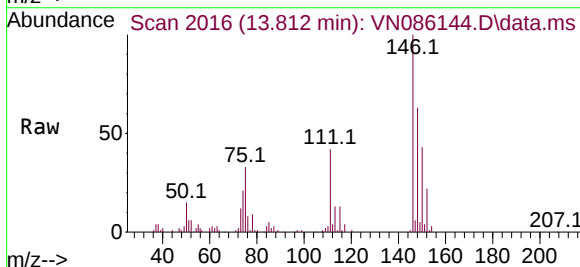
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328WBSD01

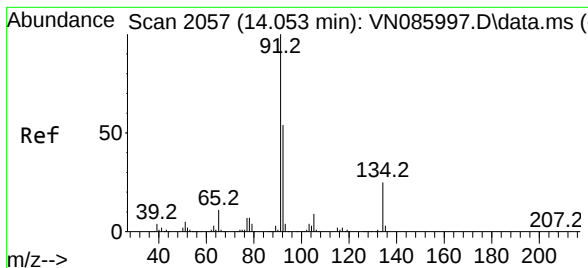
Tgt Ion:146 Resp: 85791
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.2 63.6
 148 63.9 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 17.925 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN086144.D
 Acq: 28 Mar 2025 12:41

Tgt Ion:146 Resp: 86812
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.4 61.3
 148 64.5 32.1 96.5





#89

n-Butylbenzene

Concen: 17.664 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN086144.D

Acq: 28 Mar 2025 12:41

Instrument :

MSVOA_N

ClientSampleId :

VN0328WBSD01

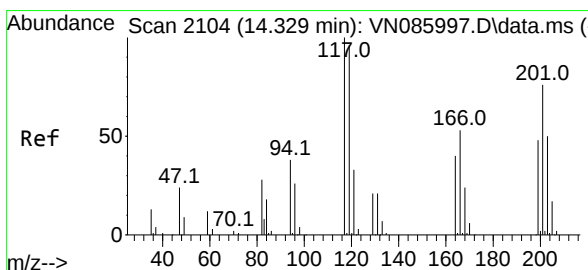
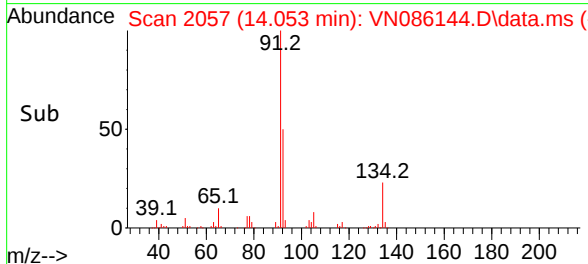
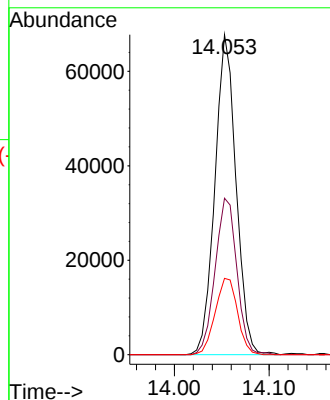
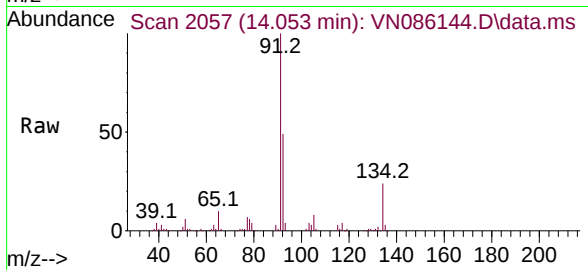
Tgt Ion: 91 Resp: 105199

Ion Ratio Lower Upper

91 100

92 50.2 26.9 80.6

134 25.2 13.0 39.0



#90

Hexachloroethane

Concen: 17.641 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.000 min

Lab File: VN086144.D

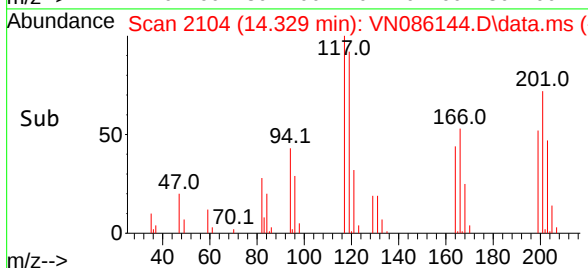
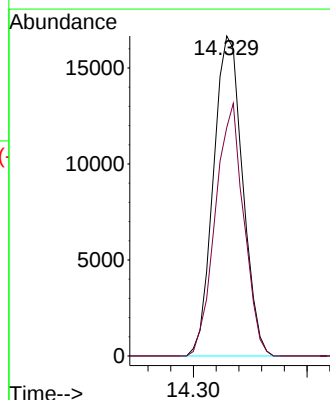
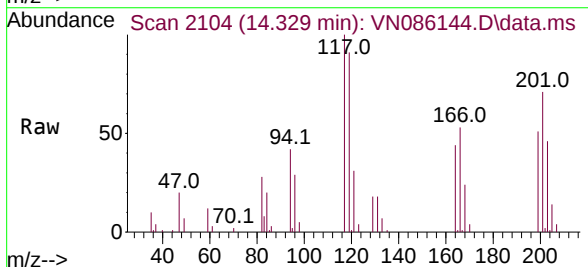
Acq: 28 Mar 2025 12:41

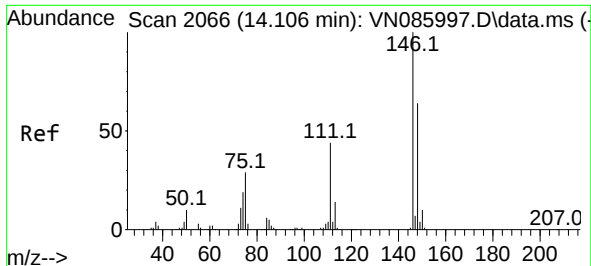
Tgt Ion: 117 Resp: 29769

Ion Ratio Lower Upper

117 100

201 76.8 39.1 117.3

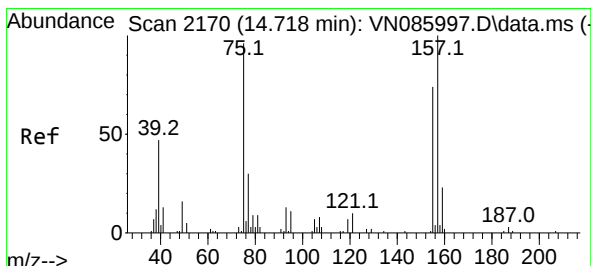
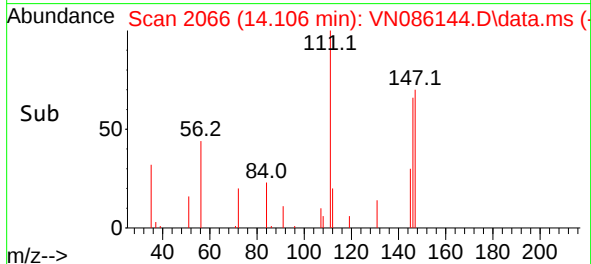
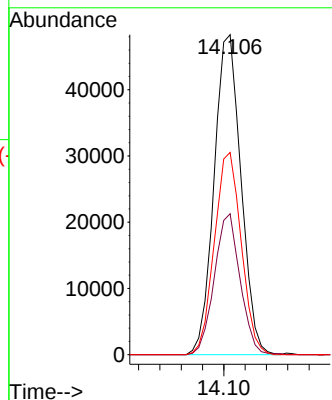
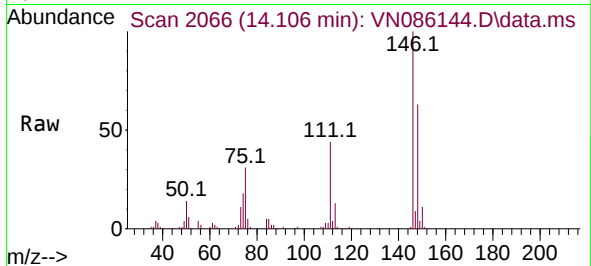




#91
1,2-Dichlorobenzene
Concen: 18.441 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

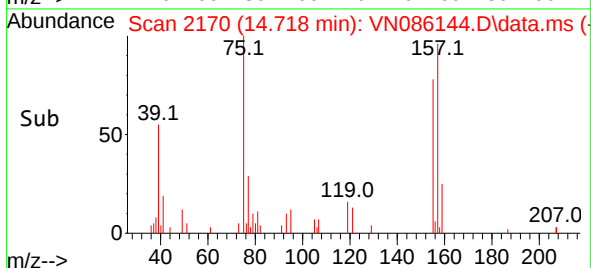
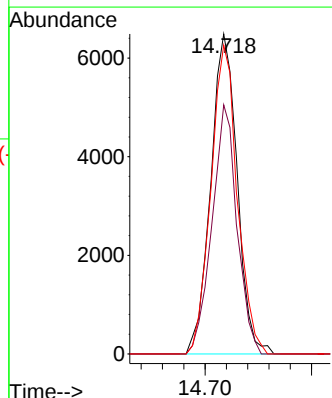
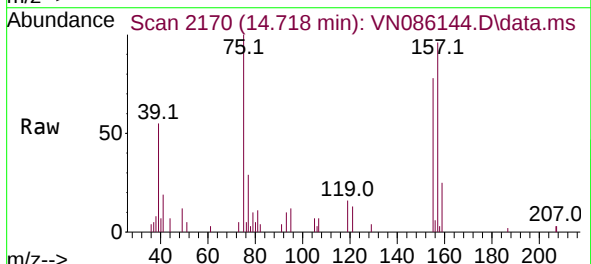
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

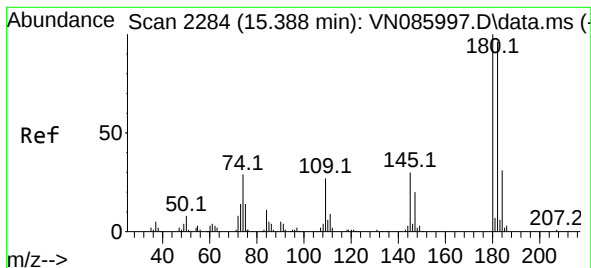
Tgt Ion:	146	Resp:	84504
Ion	Ratio	Lower	Upper
146	100		
111	42.3	22.3	66.8
148	63.2	32.1	96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.031 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086144.D
Acq: 28 Mar 2025 12:41

Tgt Ion:	75	Resp:	11168
Ion	Ratio	Lower	Upper
75	100		
155	73.5	41.0	123.0
157	96.7	53.7	161.1





#93

1,2,4-Trichlorobenzene

Concen: 15.911 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN086144.D

Acq: 28 Mar 2025 12:41

Instrument :

MSVOA_N

ClientSampleId :

VN0328WBSD01

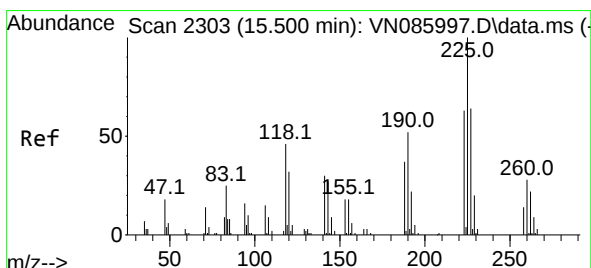
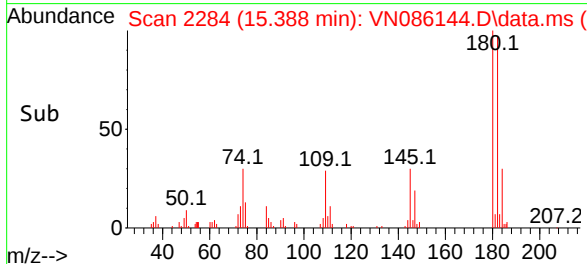
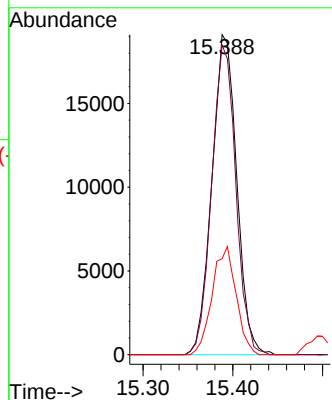
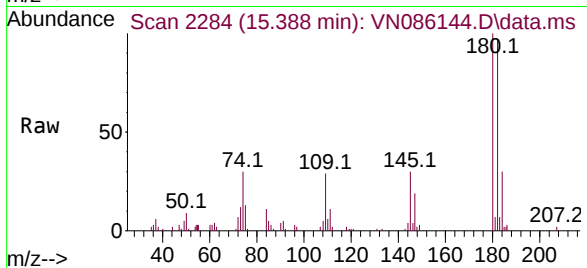
Tgt Ion:180 Resp: 36662

Ion Ratio Lower Upper

180 100

182 94.1 47.0 141.0

145 32.6 15.5 46.5



#94

Hexachlorobutadiene

Concen: 15.940 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN086144.D

Acq: 28 Mar 2025 12:41

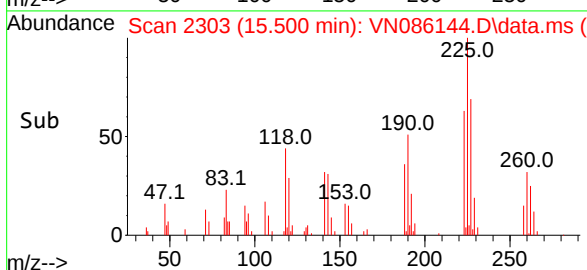
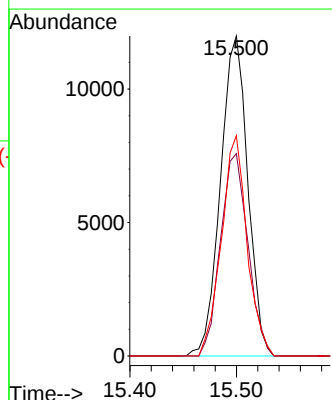
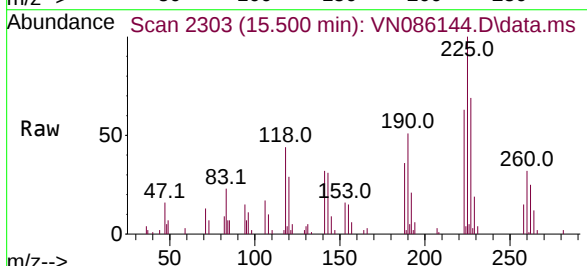
Tgt Ion:225 Resp: 21308

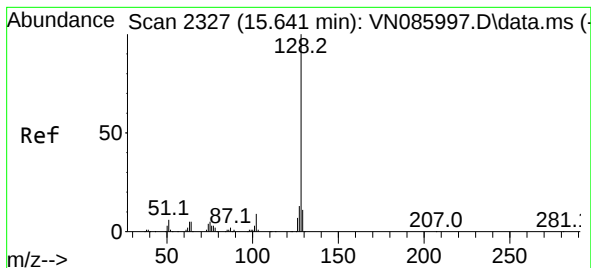
Ion Ratio Lower Upper

225 100

223 63.7 31.3 93.9

227 64.8 32.1 96.3





#95

Naphthalene

Concen: 15.017 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN086144.D

Acq: 28 Mar 2025 12:41

Instrument :

MSVOA_N

ClientSampleId :

VN0328WBSD01

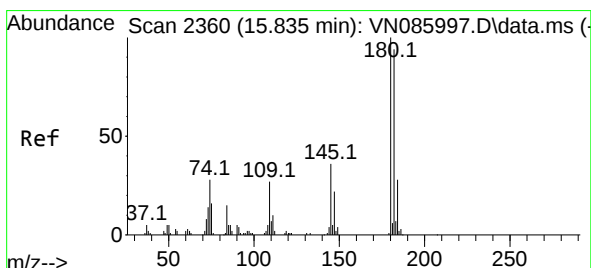
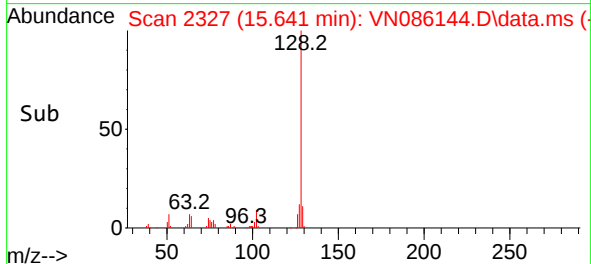
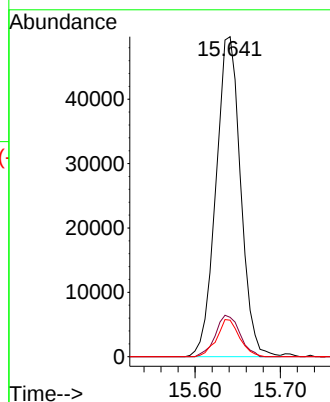
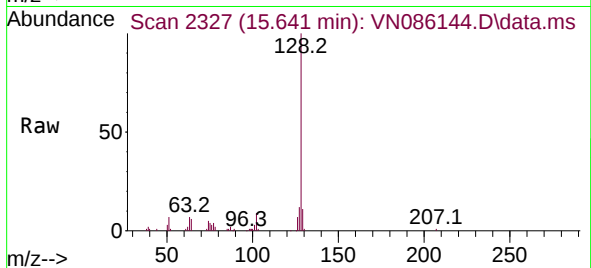
Tgt Ion:128 Resp: 100191

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 10.7 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 16.877 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN086144.D

Acq: 28 Mar 2025 12:41

Tgt Ion:180 Resp: 36899

Ion Ratio Lower Upper

180 100

182 93.6 47.5 142.5

145 34.1 17.7 53.1

