

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032025\
 Data File : VN086029.D
 Acq On : 20 Mar 2025 17:09
 Operator : JC\MD
 Sample : VN0320WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0320WBSD01

Quant Time: Mar 21 01:22:09 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	163068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	259777	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	237082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	122440	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	109416	49.001	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.000%
35) Dibromofluoromethane	8.159	113	86210	47.545	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.100%
50) Toluene-d8	10.565	98	321886	48.914	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.820%
62) 4-Bromofluorobenzene	12.847	95	113025	48.160	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.320%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	41361	19.145	ug/l	96
3) Chloromethane	2.359	50	35832	18.919	ug/l	95
4) Vinyl Chloride	2.512	62	36301	18.746	ug/l	97
5) Bromomethane	2.965	94	24871	18.855	ug/l	100
6) Chloroethane	3.124	64	22392	18.329	ug/l #	85
7) Trichlorofluoromethane	3.500	101	65523	18.822	ug/l	100
8) Diethyl Ether	3.959	74	20901	19.613	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	34420	18.604	ug/l	99
10) Methyl Iodide	4.595	142	47830	19.840	ug/l	94
11) Tert butyl alcohol	5.518	59	26530	83.917	ug/l	99
12) 1,1-Dichloroethene	4.342	96	32945	19.720	ug/l	96
13) Acrolein	4.177	56	30231	89.654	ug/l	94
14) Allyl chloride	5.018	41	37083	17.792	ug/l	97
15) Acrylonitrile	5.718	53	82486	98.793	ug/l	98
16) Acetone	4.424	43	60652	88.908	ug/l	100
17) Carbon Disulfide	4.712	76	99067	18.031	ug/l	99
18) Methyl Acetate	5.018	43	31781	18.829	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	107258	19.593	ug/l	99
20) Methylene Chloride	5.271	84	40227	20.157	ug/l	95
21) trans-1,2-Dichloroethene	5.789	96	36120	19.784	ug/l	96
22) Diisopropyl ether	6.671	45	95798	21.569	ug/l	96
23) Vinyl Acetate	6.600	43	345170	102.520	ug/l	99
24) 1,1-Dichloroethane	6.565	63	66353	20.316	ug/l	97
25) 2-Butanone	7.483	43	91026	92.473	ug/l	99
26) 2,2-Dichloropropane	7.488	77	59718	18.992	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	41380	19.945	ug/l	98
28) Bromochloromethane	7.812	49	25403	18.358	ug/l	99
29) Tetrahydrofuran	7.835	42	60885	100.188	ug/l	97
30) Chloroform	7.959	83	72948	20.207	ug/l	97
31) Cyclohexane	8.253	56	50460	18.136	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	68406	20.018	ug/l	98
36) 1,1-Dichloropropene	8.371	75	46915	19.650	ug/l	98
37) Ethyl Acetate	7.559	43	37394	18.565	ug/l	99
38) Carbon Tetrachloride	8.359	117	64454	20.532	ug/l	93
39) Methylcyclohexane	9.600	83	39452	16.655	ug/l	89
40) Benzene	8.606	78	155377	20.731	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	18812	19.559	ug/l	98
42) 1,2-Dichloroethane	8.665	62	54126	20.725	ug/l	100
43) Isopropyl Acetate	8.688	43	67395	15.441	ug/l	97
44) Trichloroethene	9.353	130	37139	19.119	ug/l	100
45) 1,2-Dichloropropane	9.618	63	35089	20.583	ug/l	95
46) Dibromomethane	9.706	93	28404	21.187	ug/l	97
47) Bromodichloromethane	9.882	83	59015	21.063	ug/l	97
48) Methyl methacrylate	9.677	41	28329	19.669	ug/l	99
49) 1,4-Dioxane	9.688	88	13886	407.830	ug/l	92
51) 4-Methyl-2-Pentanone	10.441	43	193215	100.374	ug/l	99
52) Toluene	10.629	92	97507	21.197	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	55197	20.285	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	57578	20.055	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	38311	21.820	ug/l	95
56) Ethyl methacrylate	10.871	69	49757	20.666	ug/l	98
57) 1,3-Dichloropropane	11.165	76	61949	20.774	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	90936	100.437	ug/l	100
59) 2-Hexanone	11.194	43	137925	98.355	ug/l	96
60) Dibromochloromethane	11.359	129	47613	21.016	ug/l	100
61) 1,2-Dibromoethane	11.465	107	37028	20.543	ug/l	96
64) Tetrachloroethene	11.100	164	36985	19.556	ug/l	97
65) Chlorobenzene	11.888	112	105860	19.513	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	40700	20.182	ug/l	98
67) Ethyl Benzene	11.959	91	169858	19.573	ug/l	100
68) m/p-Xylenes	12.071	106	139730	40.966	ug/l	99
69) o-Xylene	12.394	106	63026	20.133	ug/l	100
70) Styrene	12.412	104	110733	20.709	ug/l	99
71) Bromoform	12.576	173	33772	20.032	ug/l #	97
73) Isopropylbenzene	12.694	105	154381	18.464	ug/l	98
74) N-amyl acetate	12.494	43	53210	19.021	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	52821	18.673	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	69014	25.177	ug/l	72
77) Bromobenzene	12.976	156	43200	18.529	ug/l	99
78) n-propylbenzene	13.035	91	187372	19.790	ug/l	98
79) 2-Chlorotoluene	13.123	91	124671	19.825	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	142319	20.160	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	17393	16.775	ug/l	89
82) 4-Chlorotoluene	13.217	91	128318	19.842	ug/l	99
83) tert-Butylbenzene	13.435	119	109645	18.161	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	142980	20.081	ug/l	99
85) sec-Butylbenzene	13.612	105	155292	19.717	ug/l	100
86) p-Isopropyltoluene	13.729	119	129493	19.422	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	81986	19.509	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	83732	18.964	ug/l	97
89) n-Butylbenzene	14.053	91	101792	18.748	ug/l	96
90) Hexachloroethane	14.329	117	27944	18.164	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	78822	18.868	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10040	17.781	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	35562	16.930	ug/l	99
94) Hexachlorobutadiene	15.500	225	20840	17.100	ug/l	100
95) Naphthalene	15.641	128	92296	15.174	ug/l	98
96) 1,2,3-Trichlorobenzene	15.835	180	35483	17.802	ug/l	98

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Response via : Initial Calibration

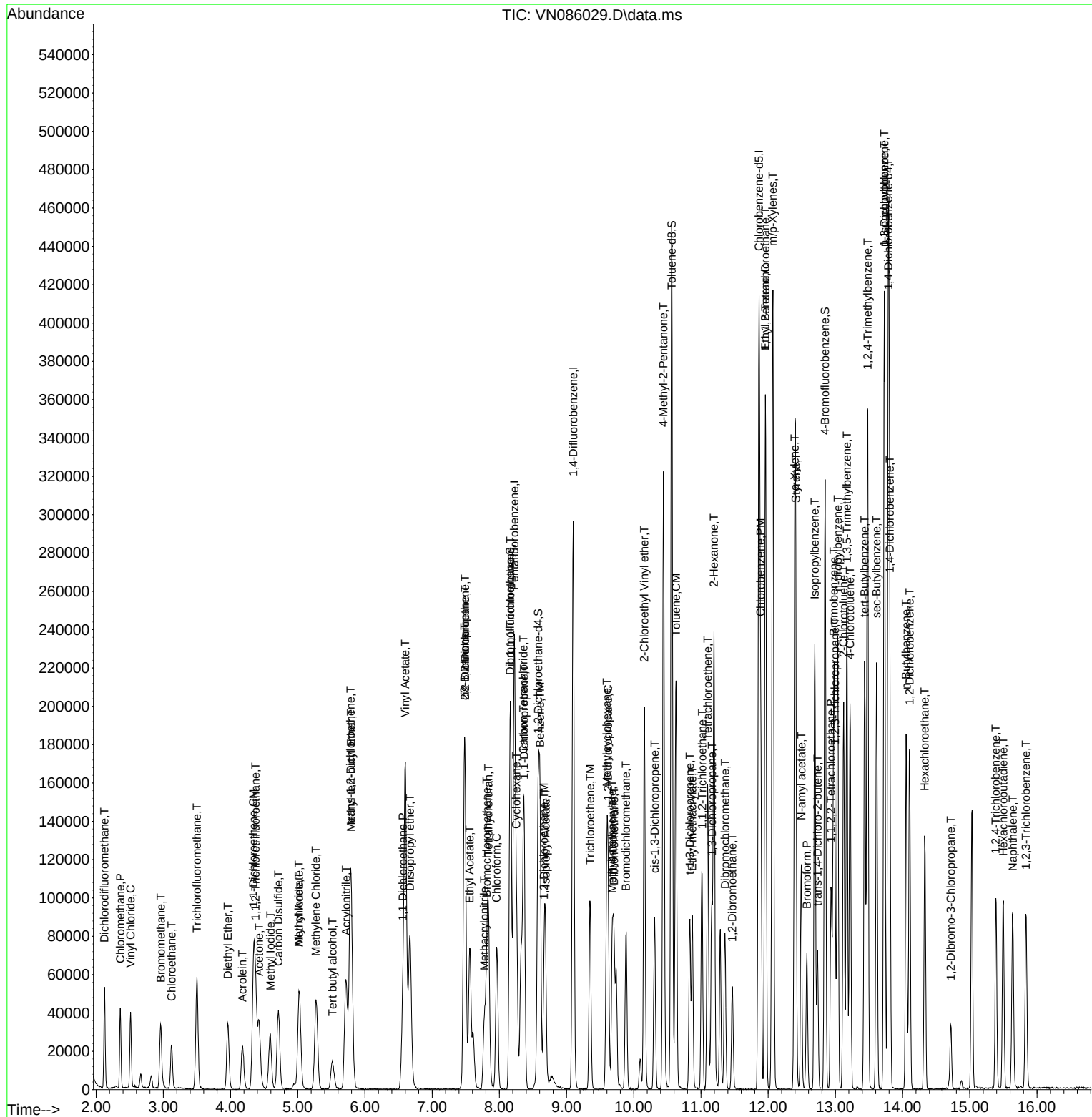
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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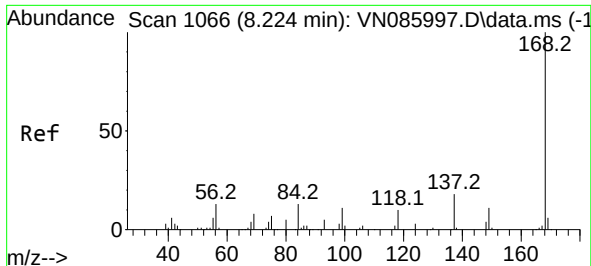
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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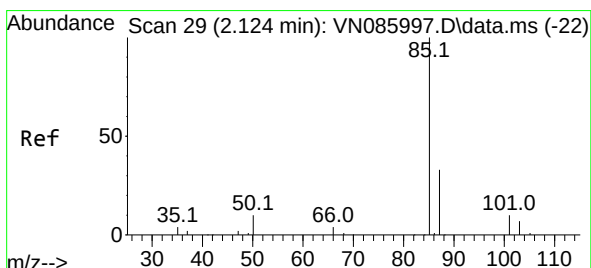
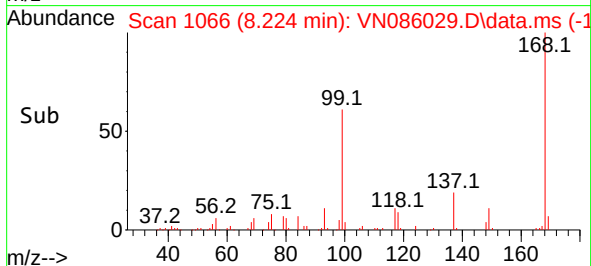
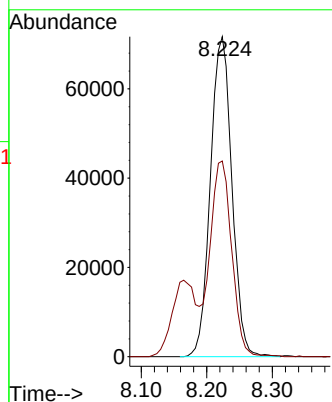
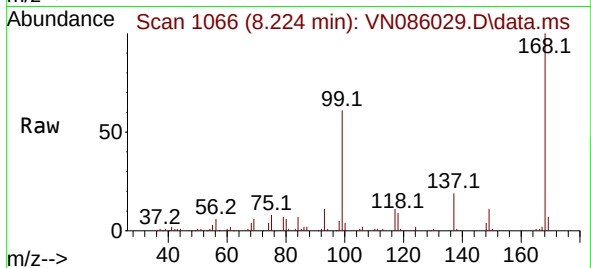




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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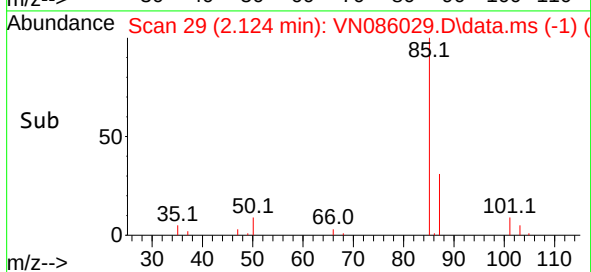
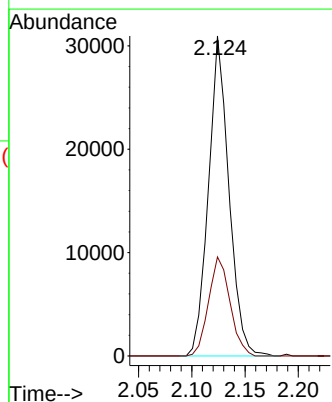
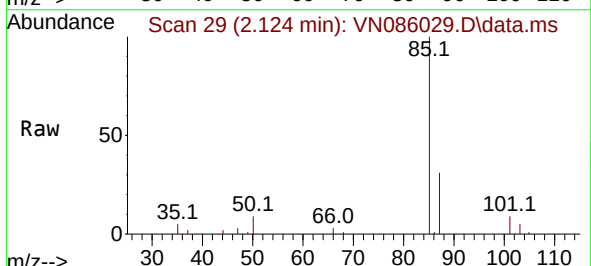
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

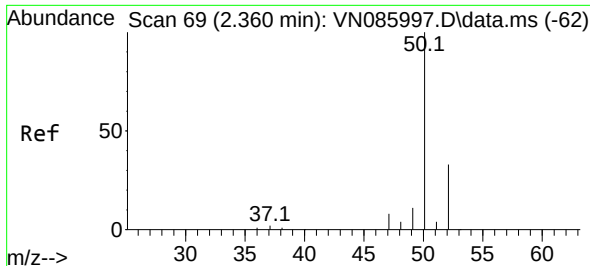
Tgt Ion:168 Resp: 163068
Ion Ratio Lower Upper
168 100
99 60.9 49.4 74.2



#2
Dichlorodifluoromethane
Concen: 19.145 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Tgt Ion: 85 Resp: 41361
Ion Ratio Lower Upper
85 100
87 31.0 16.5 49.5

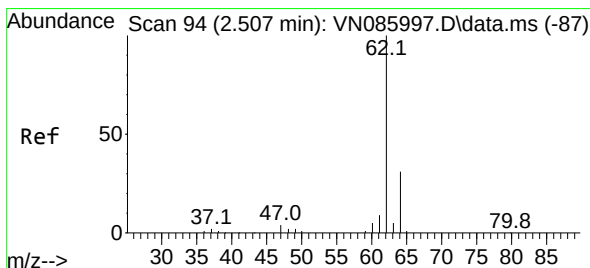
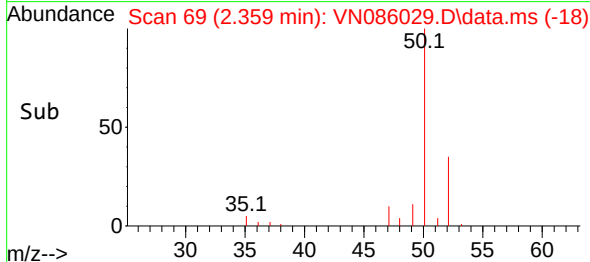
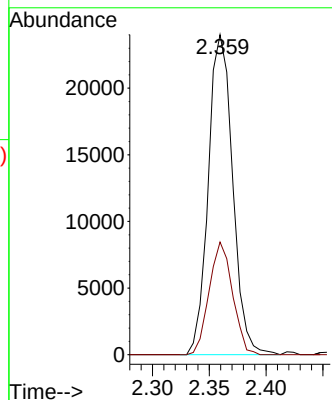
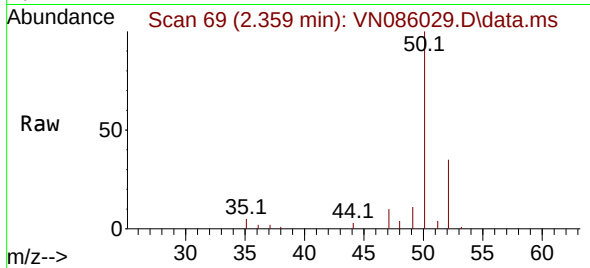




#3
Chloromethane
Concen: 18.919 ug/l
RT: 2.359 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

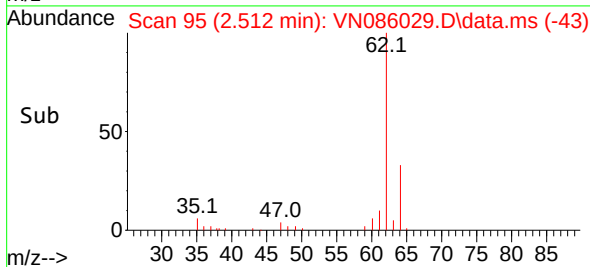
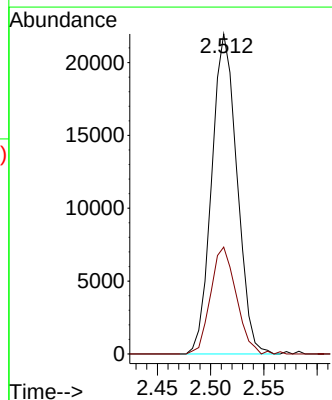
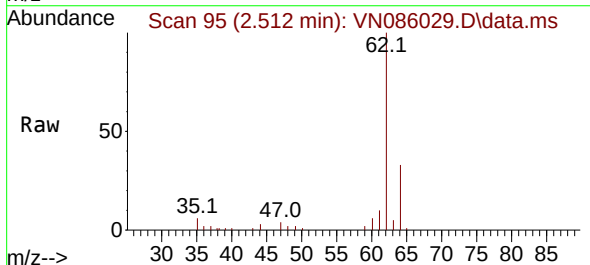
Instrument :
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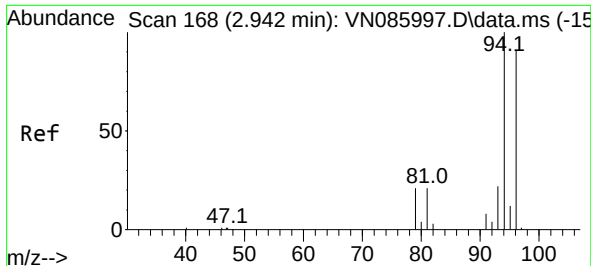
Tgt Ion: 50 Resp: 35832
Ion Ratio Lower Upper
50 100
52 35.2 26.0 39.0



#4
Vinyl Chloride
Concen: 18.746 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.006 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Tgt Ion: 62 Resp: 36301
Ion Ratio Lower Upper
62 100
64 33.4 25.2 37.8





#5

Bromomethane

Concen: 18.855 ug/l

RT: 2.965 min Scan# 11

Delta R.T. 0.023 min

Lab File: VN086029.D

Acq: 20 Mar 2025 17:09

Instrument :

MSVOA_N

ClientSampleId :

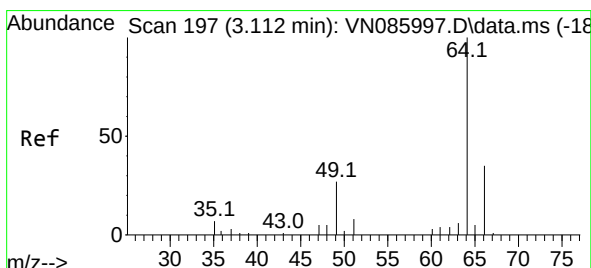
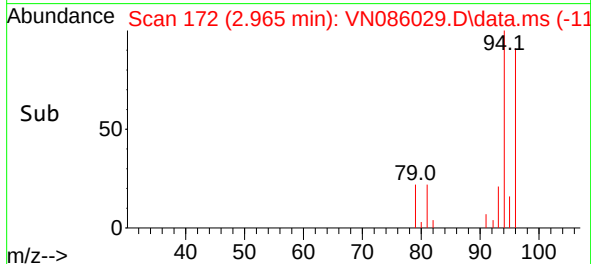
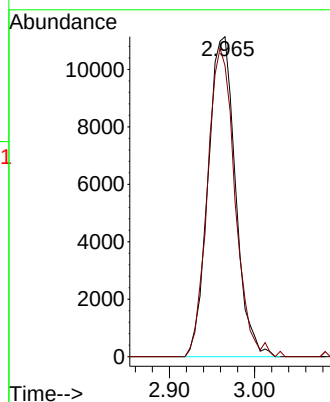
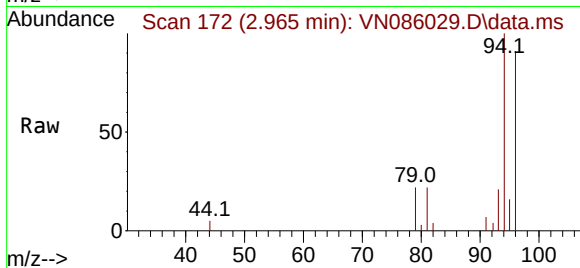
VN0320WBSD01

Tgt Ion: 94 Resp: 24871

Ion Ratio Lower Upper

94 100

96 91.0 72.8 109.2



#6

Chloroethane

Concen: 18.329 ug/l

RT: 3.124 min Scan# 199

Delta R.T. 0.012 min

Lab File: VN086029.D

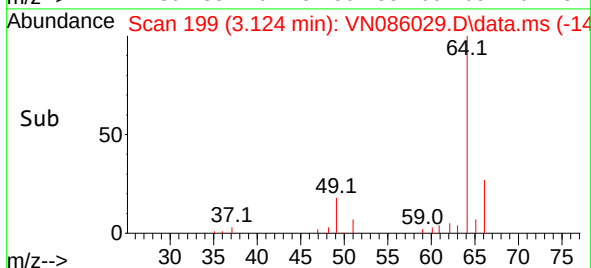
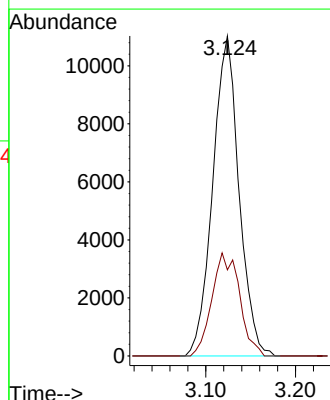
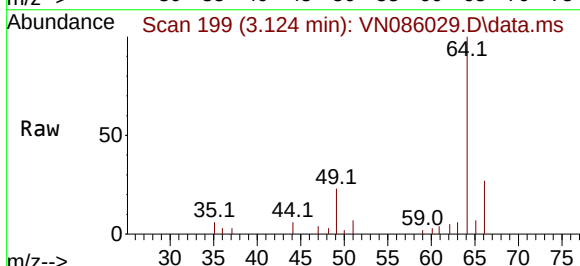
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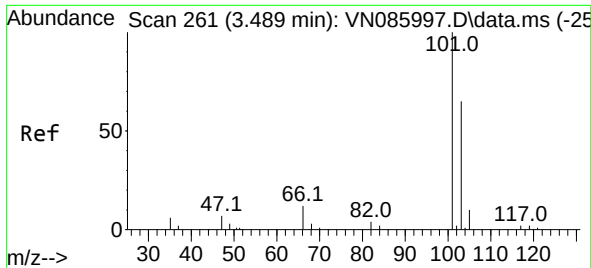
Tgt Ion: 64 Resp: 22392

Ion Ratio Lower Upper

64 100

66 26.9 28.3 42.5#

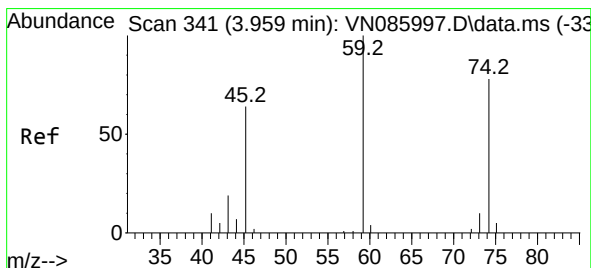
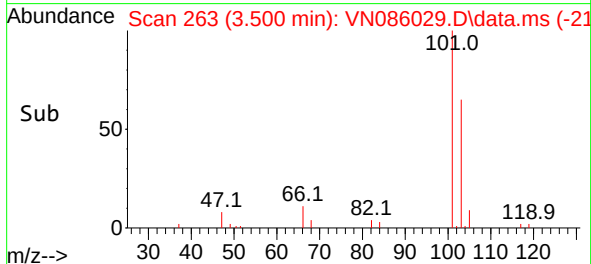
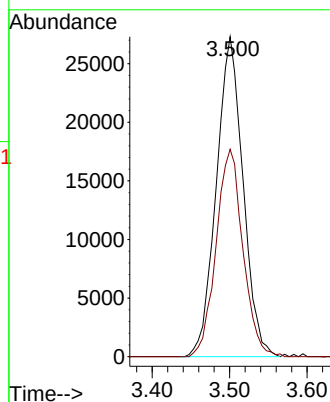
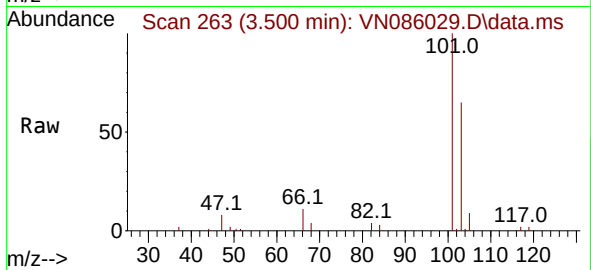




#7
Trichlorofluoromethane
Concen: 18.822 ug/l
RT: 3.500 min Scan# 261
Delta R.T. 0.012 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

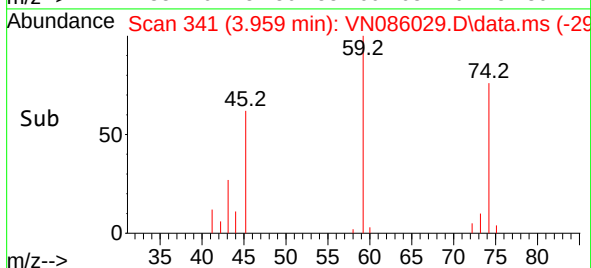
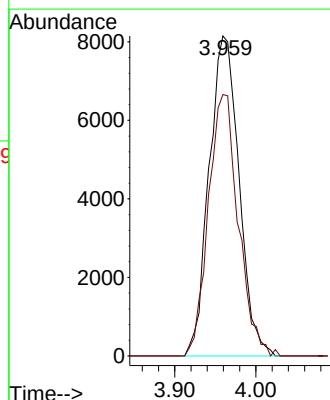
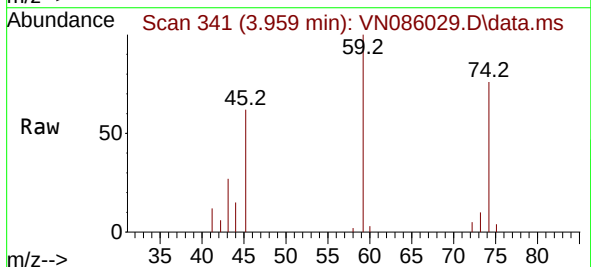
Instrument :
MSVOA_N
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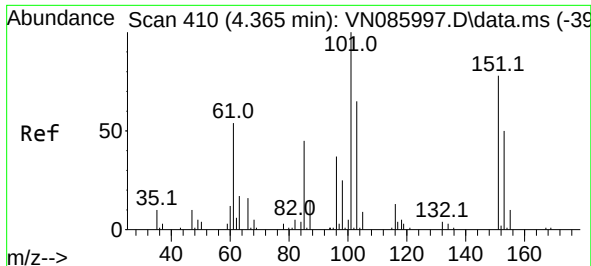
Tgt Ion:101 Resp: 65523
Ion Ratio Lower Upper
101 100
103 64.8 51.7 77.5



#8
Diethyl Ether
Concen: 19.613 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Tgt Ion: 74 Resp: 20901
Ion Ratio Lower Upper
74 100
45 81.6 38.0 113.9

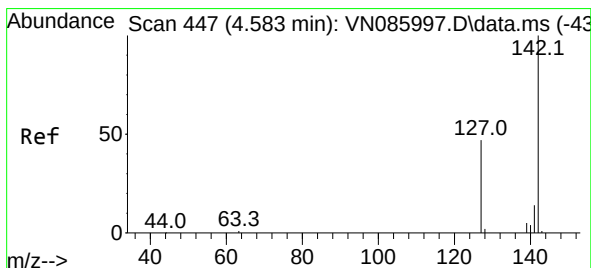
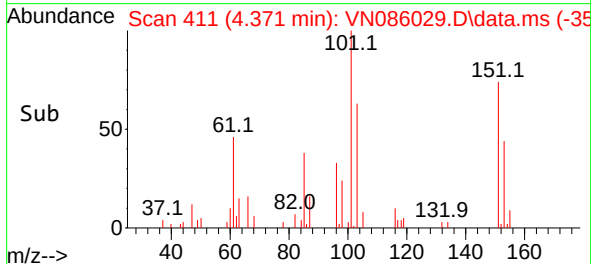
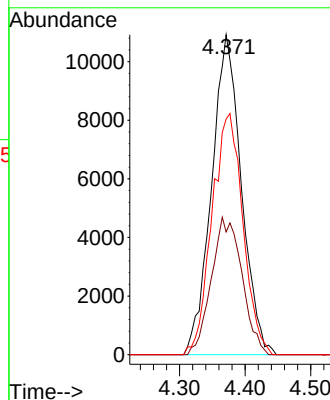
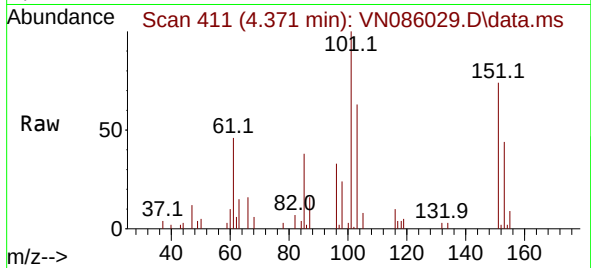




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.604 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

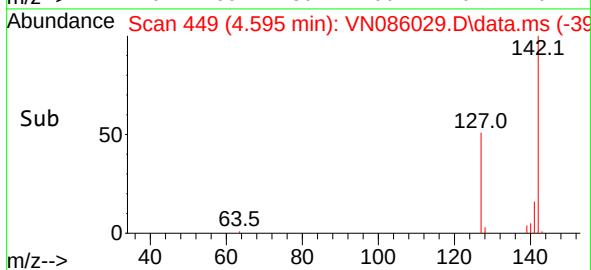
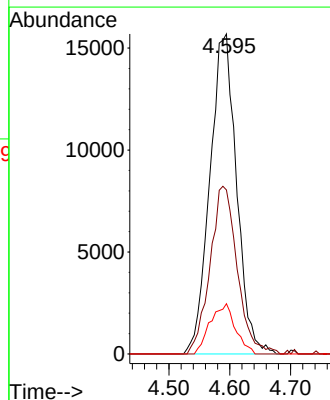
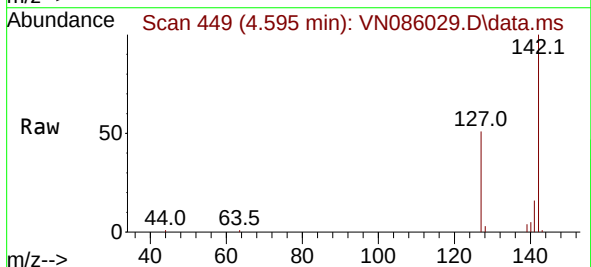
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

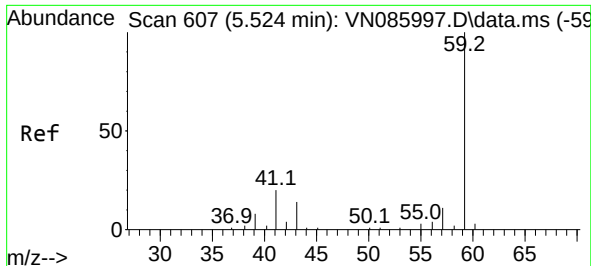
Tgt Ion:101 Resp: 34420
Ion Ratio Lower Upper
101 100
85 44.1 36.5 54.7
151 78.3 63.4 95.0



#10
Methyl Iodide
Concen: 19.840 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.012 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Tgt Ion:142 Resp: 47830
Ion Ratio Lower Upper
142 100
127 51.2 37.5 56.3
141 15.7 11.0 16.6

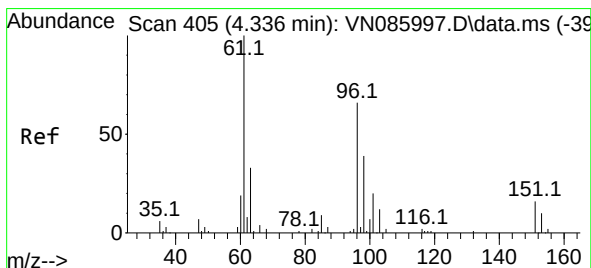
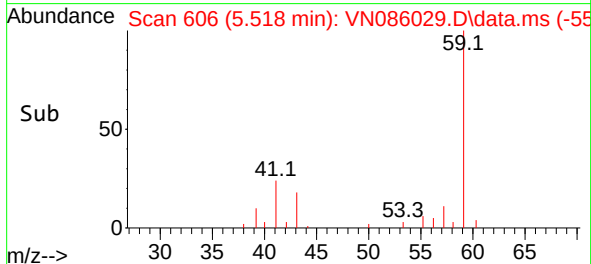
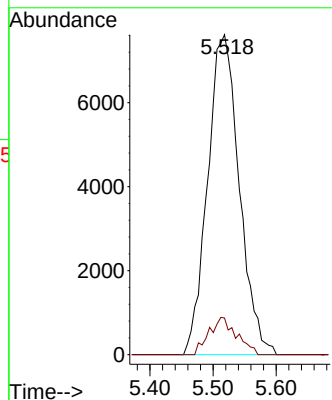
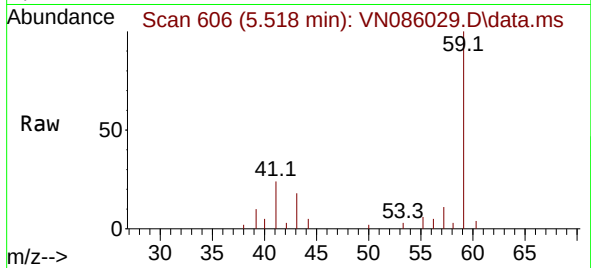




#11
Tert butyl alcohol
Concen: 83.917 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

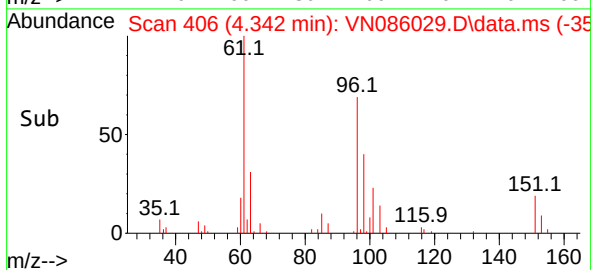
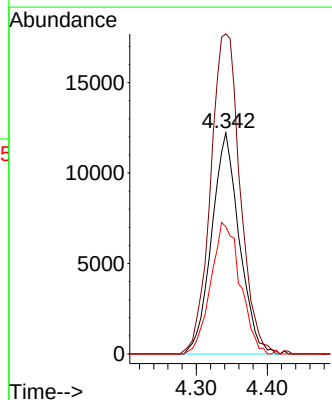
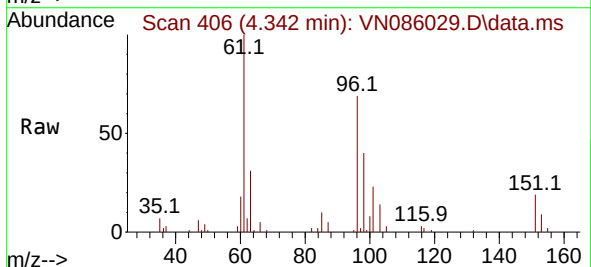
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

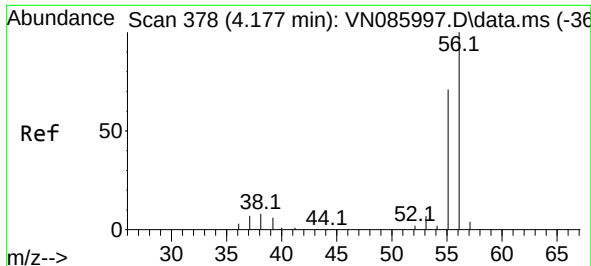
Tgt Ion: 59 Resp: 26530
Ion Ratio Lower Upper
59 100
57 10.1 7.9 11.9



#12
1,1-Dichloroethene
Concen: 19.720 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Tgt Ion: 96 Resp: 32945
Ion Ratio Lower Upper
96 100
61 144.8 120.5 180.7
98 57.5 47.4 71.0

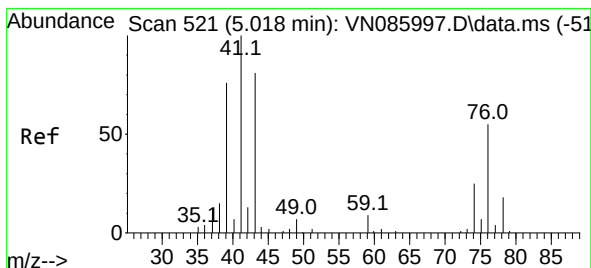
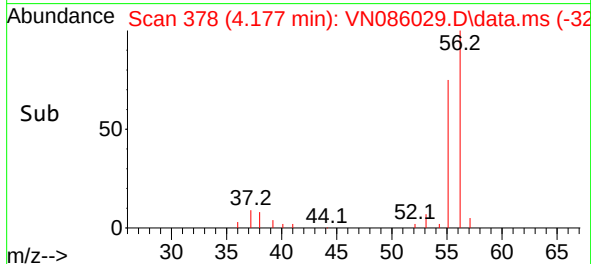
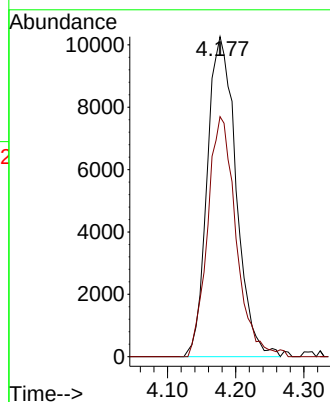
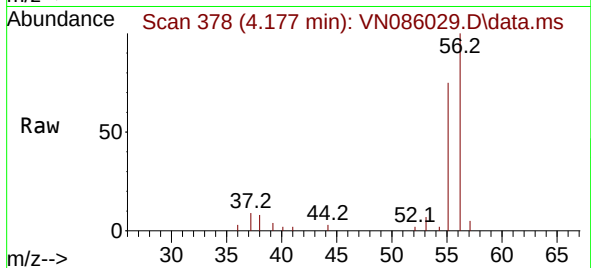




#13
Acrolein
Concen: 89.654 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

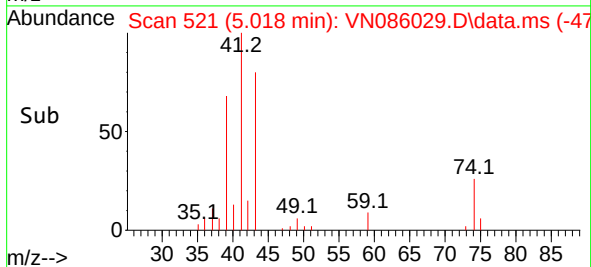
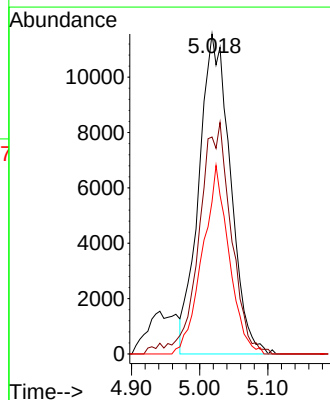
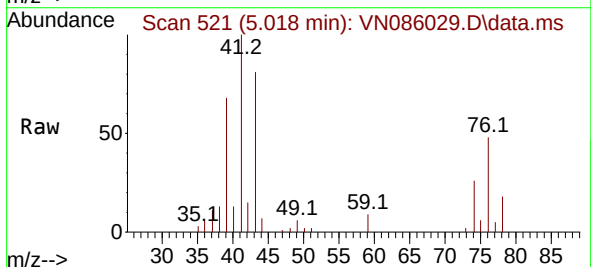
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

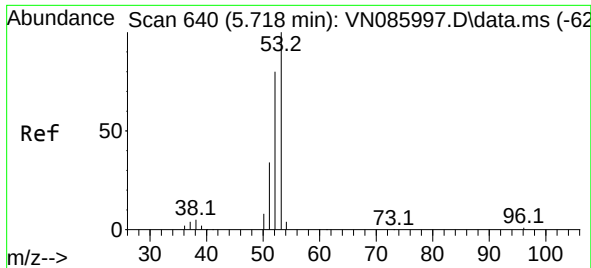
Tgt Ion: 56 Resp: 30231
Ion Ratio Lower Upper
56 100
55 74.0 55.1 82.7



#14
Allyl chloride
Concen: 17.792 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Tgt Ion: 41 Resp: 37083
Ion Ratio Lower Upper
41 100
39 73.0 55.5 83.3
76 50.0 39.1 58.7

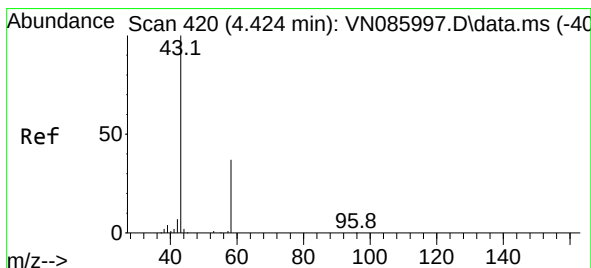
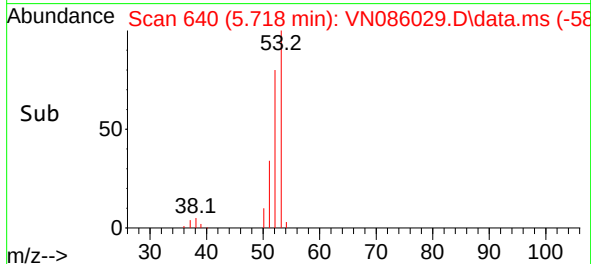
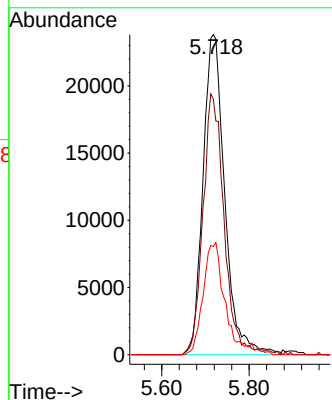
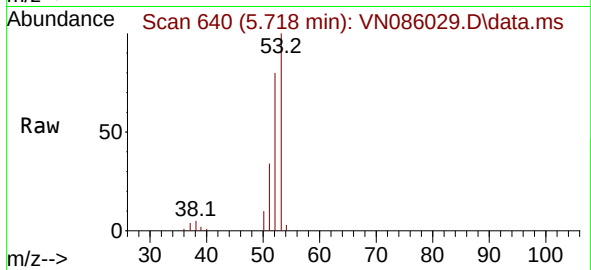




#15
Acrylonitrile
Concen: 98.793 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

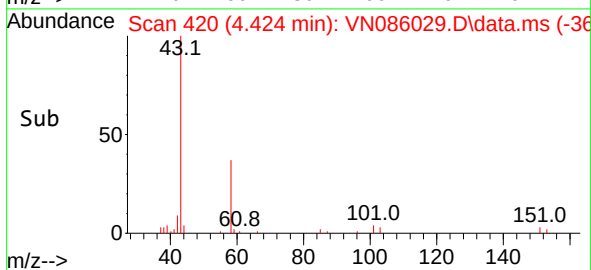
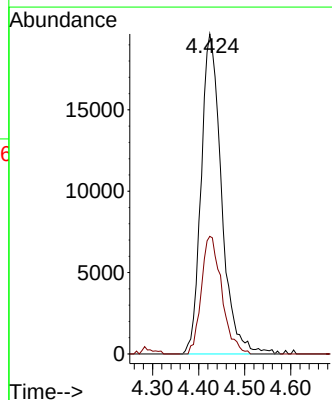
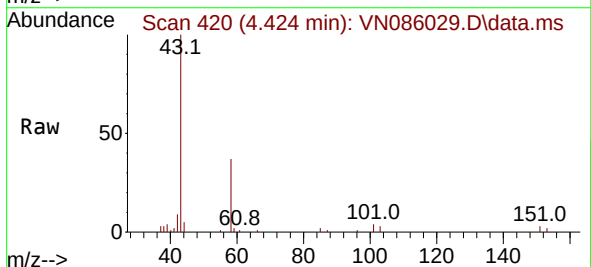
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

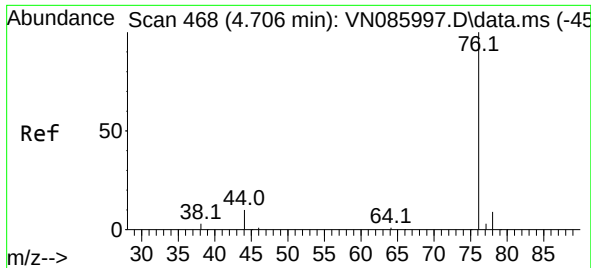
Tgt Ion:	53	Resp:	82486
Ion	Ratio	Lower	Upper
53	100		
52	78.4	63.9	95.9
51	35.7	27.1	40.7



#16
Acetone
Concen: 88.908 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Tgt Ion:	43	Resp:	60652
Ion	Ratio	Lower	Upper
43	100		
58	36.8	29.4	44.2

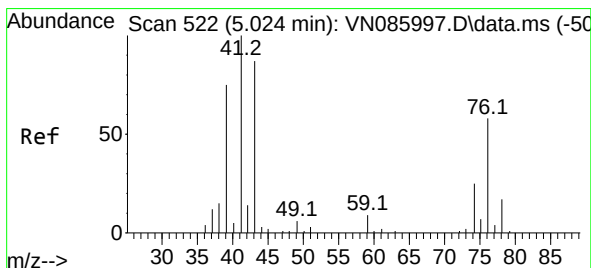
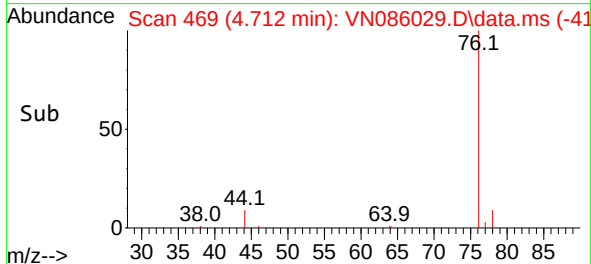
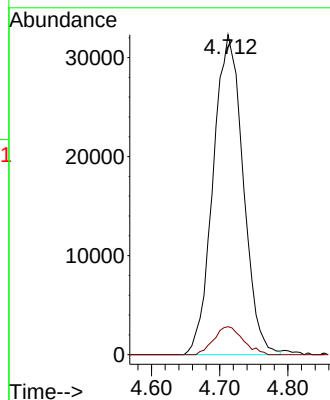
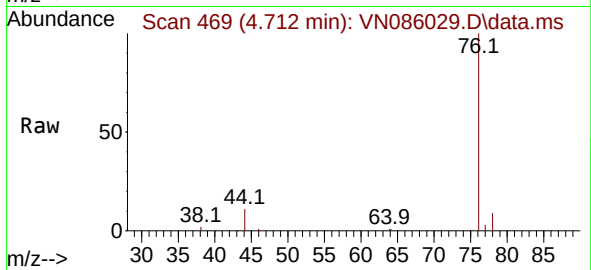




#17
Carbon Disulfide
Concen: 18.031 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

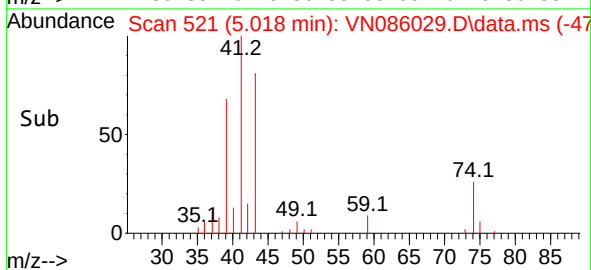
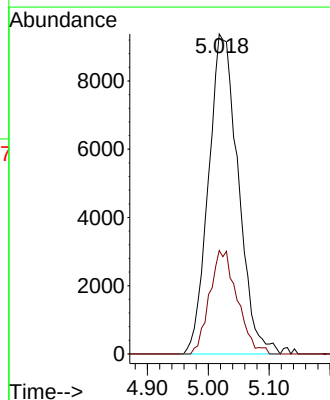
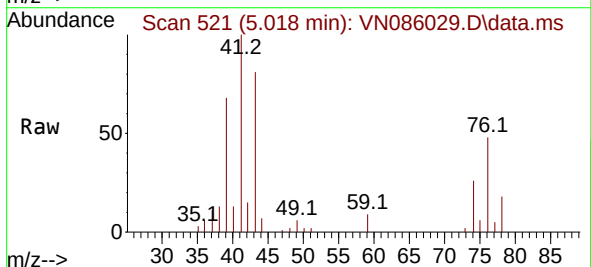
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

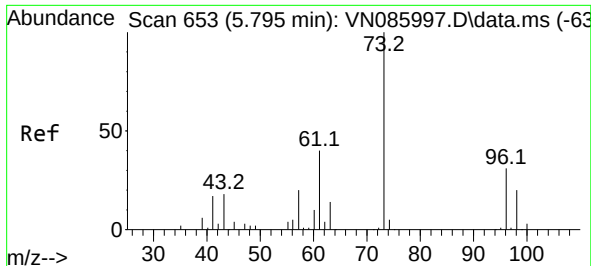
Tgt Ion: 76 Resp: 99067
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2



#18
Methyl Acetate
Concen: 18.829 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Tgt Ion: 43 Resp: 31781
Ion Ratio Lower Upper
43 100
74 30.2 23.9 35.9

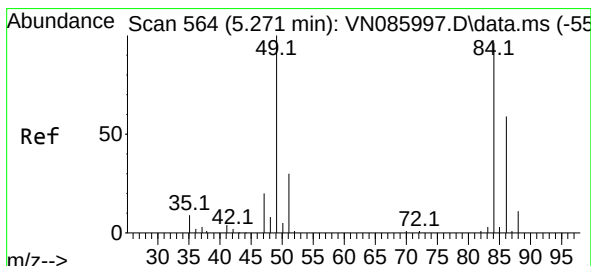
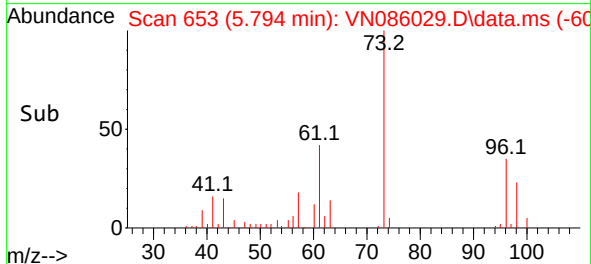
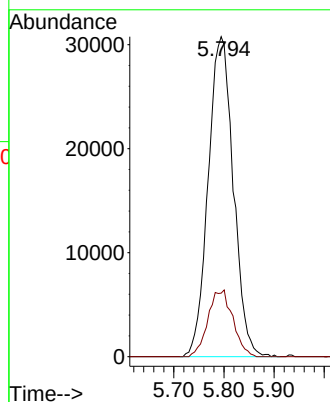
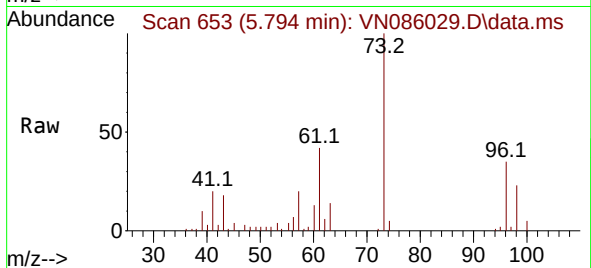




#19
Methyl tert-butyl Ether
Concen: 19.593 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

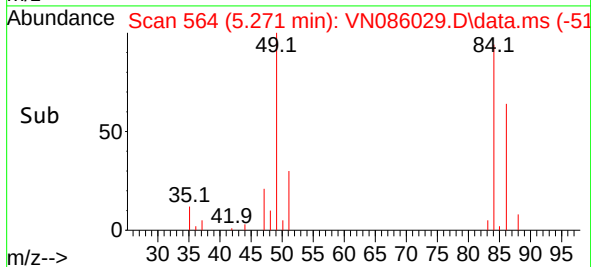
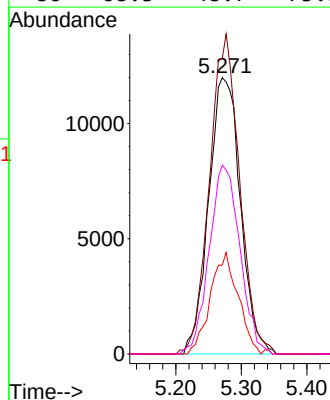
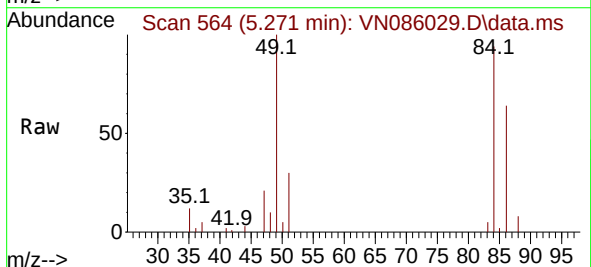
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

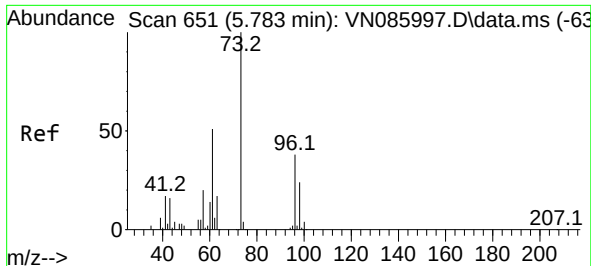
Tgt Ion: 73 Resp: 107258
Ion Ratio Lower Upper
73 100
57 19.8 16.1 24.1



#20
Methylene Chloride
Concen: 20.157 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Tgt Ion: 84 Resp: 40227
Ion Ratio Lower Upper
84 100
49 106.9 83.3 124.9
51 32.2 24.8 37.2
86 68.3 48.7 73.1

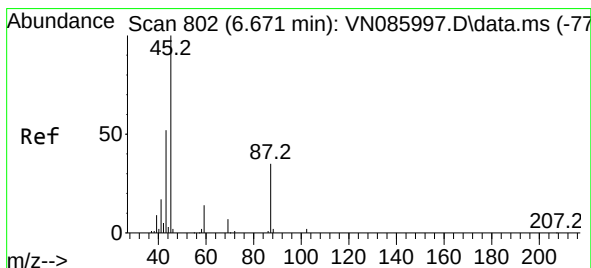
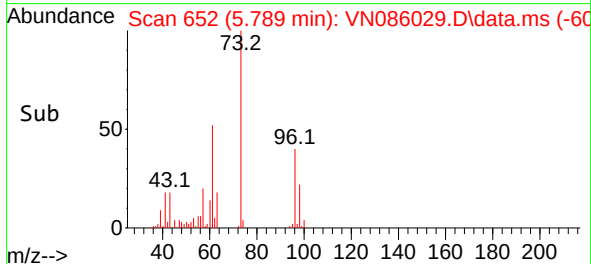
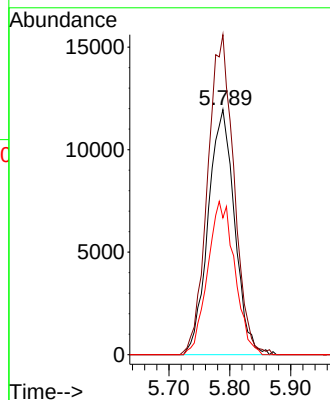
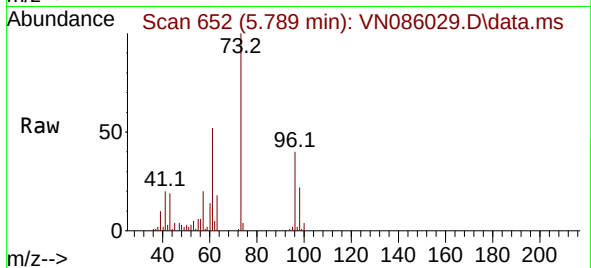




#21
trans-1,2-Dichloroethene
Concen: 19.784 ug/l
RT: 5.789 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

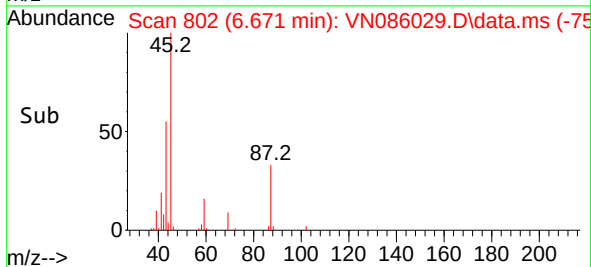
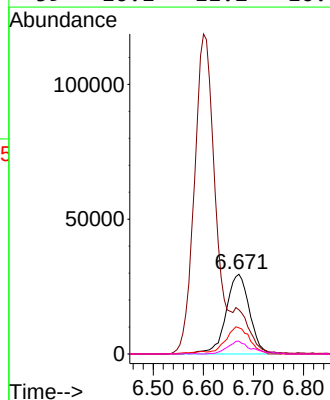
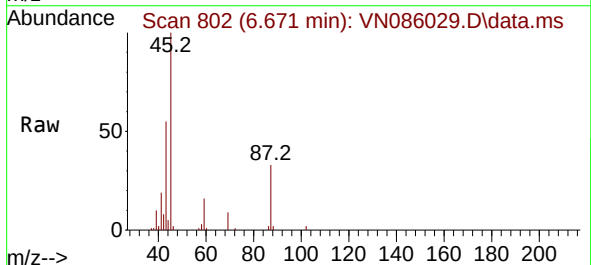
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

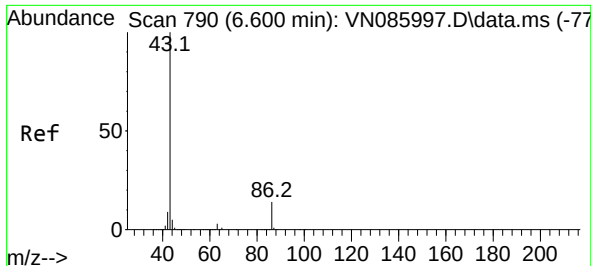
Tgt Ion: 96 Resp: 36120
Ion Ratio Lower Upper
96 100
61 130.5 106.6 160.0
98 55.8 50.0 75.0



#22
Diisopropyl ether
Concen: 21.569 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Tgt Ion: 45 Resp: 95798
Ion Ratio Lower Upper
45 100
43 53.4 41.2 61.8
87 32.8 28.5 42.7
59 16.1 11.2 16.8

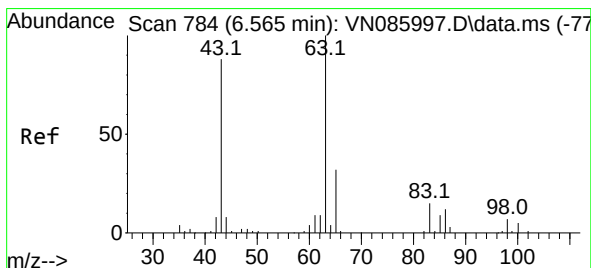
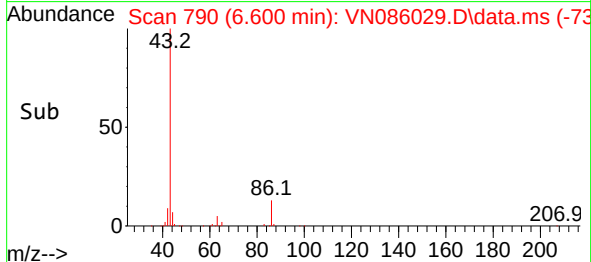
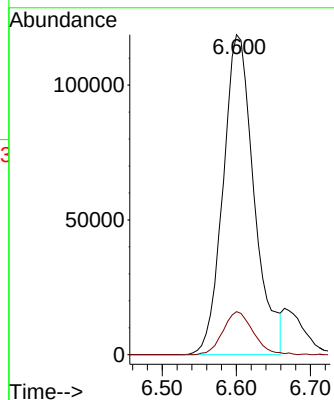
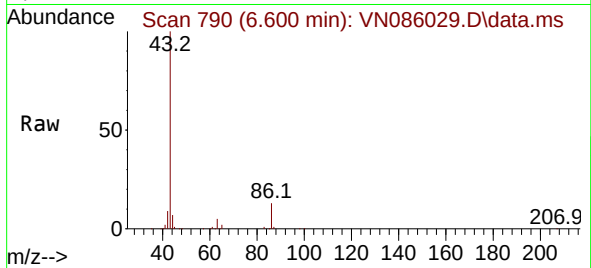




#23
 Vinyl Acetate
 Concen: 102.520 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086029.D
 Acq: 20 Mar 2025 17:09

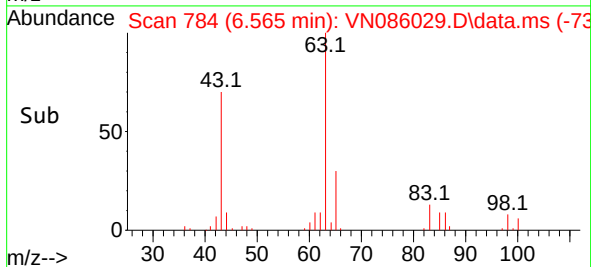
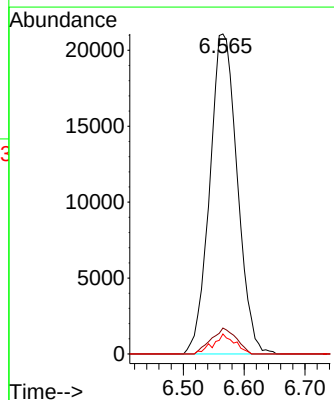
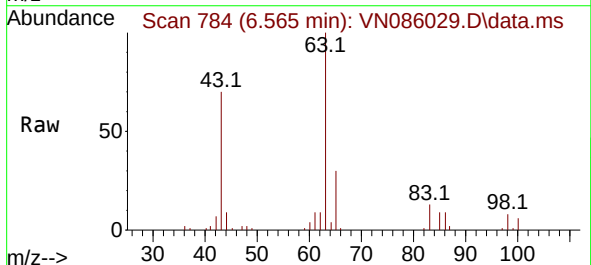
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0320WBSD01

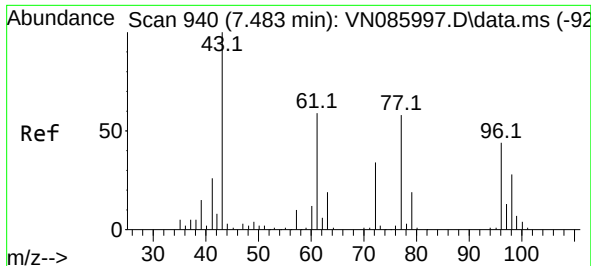
Tgt Ion: 43 Resp: 345170
 Ion Ratio Lower Upper
 43 100
 86 13.5 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 20.316 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086029.D
 Acq: 20 Mar 2025 17:09

Tgt Ion: 63 Resp: 66353
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.6 10.9
 100 6.2 2.5 7.5

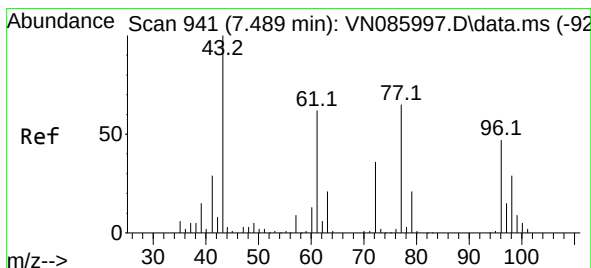
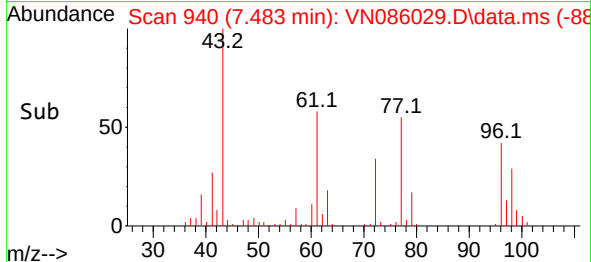
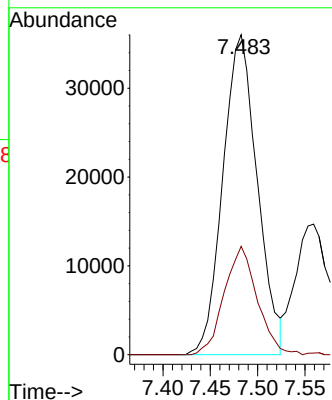
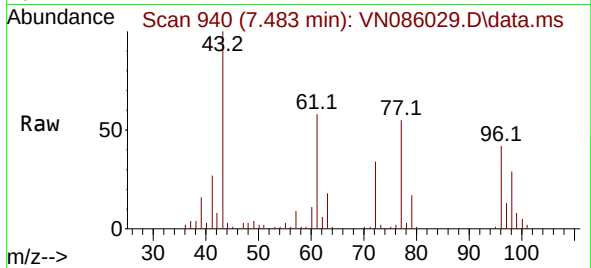




#25
2-Butanone
Concen: 92.473 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

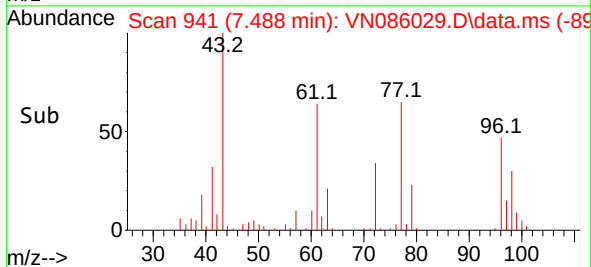
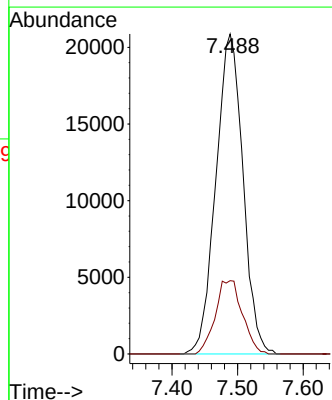
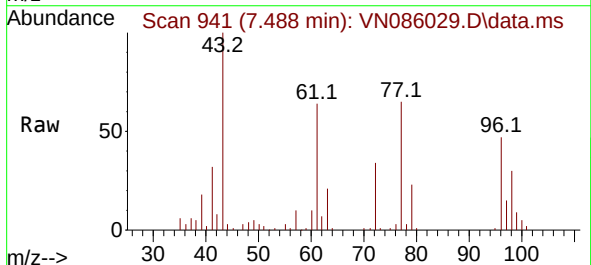
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

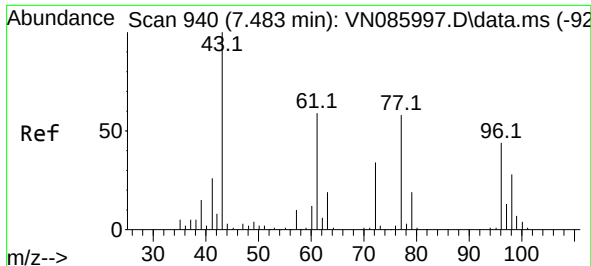
Tgt Ion: 43 Resp: 91026
Ion Ratio Lower Upper
43 100
72 33.9 27.4 41.0



#26
2,2-Dichloropropane
Concen: 18.992 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Tgt Ion: 77 Resp: 59718
Ion Ratio Lower Upper
77 100
97 23.0 11.2 33.5



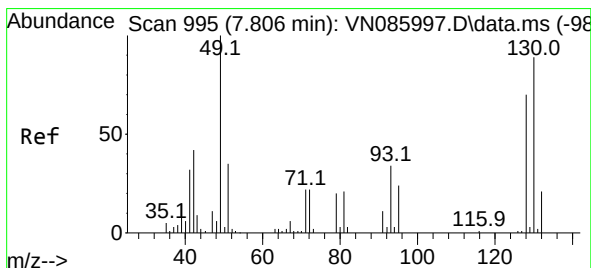
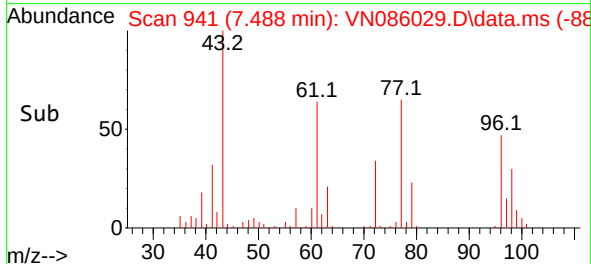
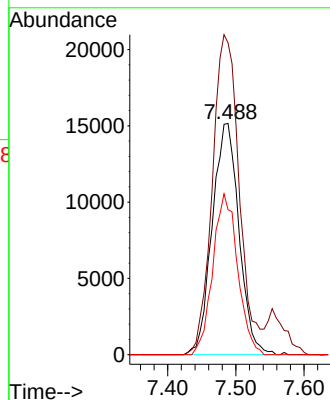
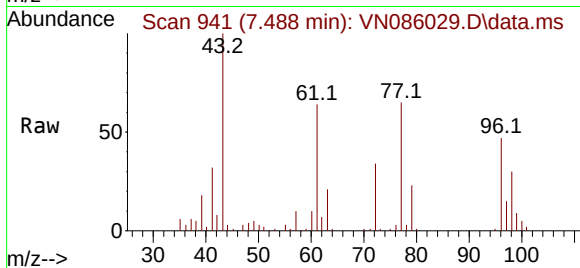


#27
 cis-1,2-Dichloroethene
 Concen: 19.945 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN086029.D
 Acq: 20 Mar 2025 17:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0320WBSD01

Tgt Ion: 96 Resp: 41380

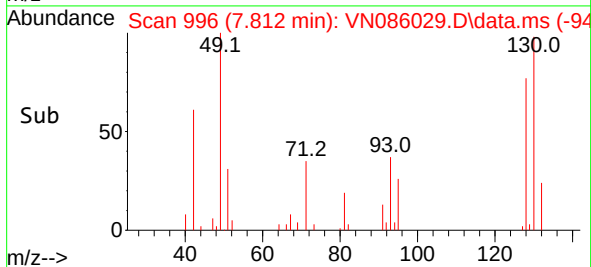
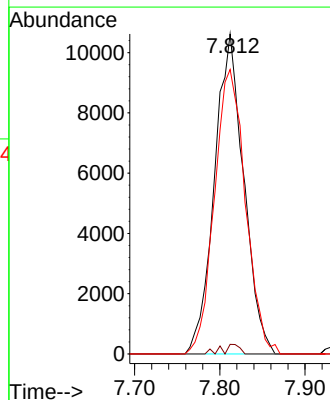
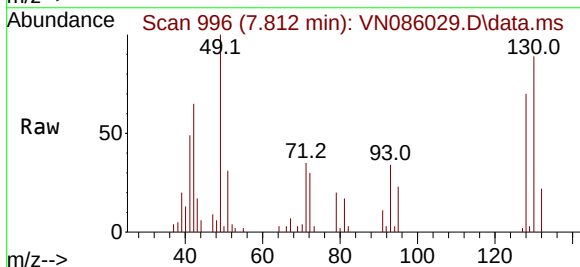
Ion	Ratio	Lower	Upper
96	100		
61	138.5	0.0	272.8
98	64.5	0.0	124.8

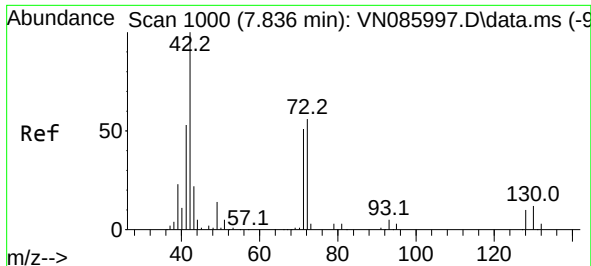


#28
 Bromochloromethane
 Concen: 18.358 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086029.D
 Acq: 20 Mar 2025 17:09

Tgt Ion: 49 Resp: 25403

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.2
130	93.9	74.2	111.4





#29

Tetrahydrofuran

Concen: 100.188 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086029.D

Acq: 20 Mar 2025 17:09

Instrument :

MSVOA_N

ClientSampleId :

VN0320WBSD01

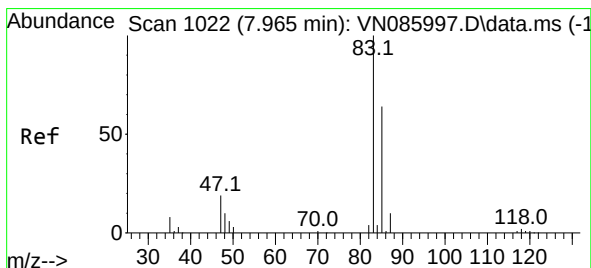
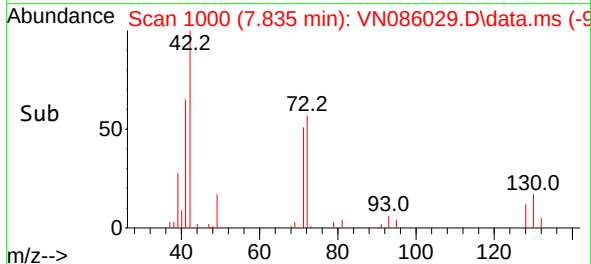
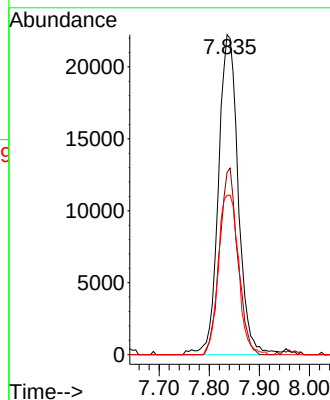
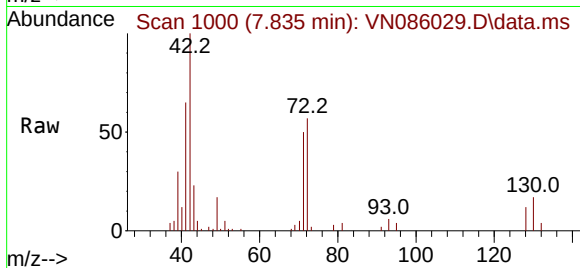
Tgt Ion: 42 Resp: 60885

Ion Ratio Lower Upper

42 100

72 53.7 45.0 67.4

71 51.0 41.9 62.9



#30

Chloroform

Concen: 20.207 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VN086029.D

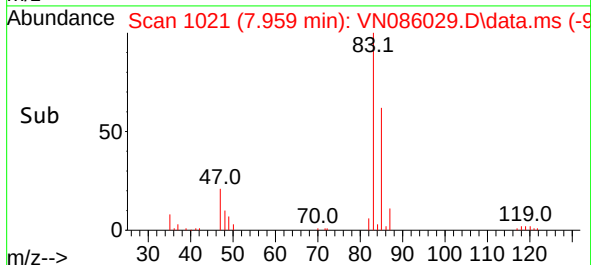
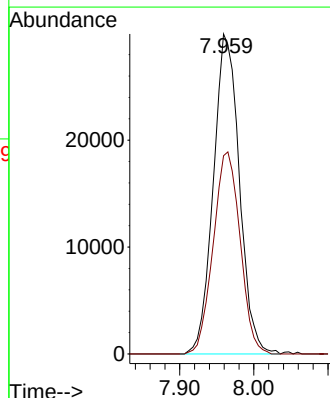
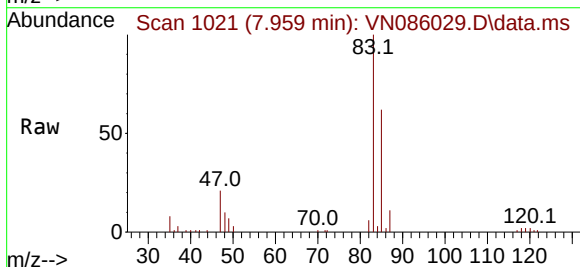
Acq: 20 Mar 2025 17:09

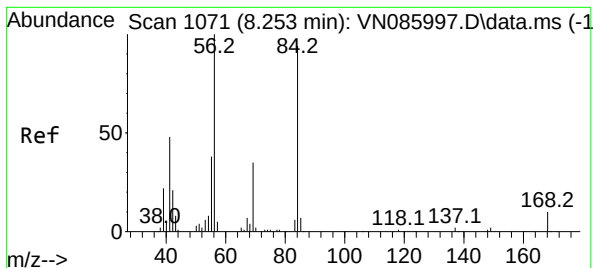
Tgt Ion: 83 Resp: 72948

Ion Ratio Lower Upper

83 100

85 61.9 51.5 77.3





#31

Cyclohexane

Concen: 18.136 ug/l

RT: 8.253 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086029.D

Acq: 20 Mar 2025 17:09

Instrument :

MSVOA_N

ClientSampleId :

VN0320WBSD01

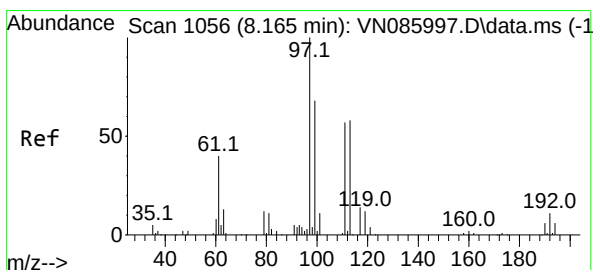
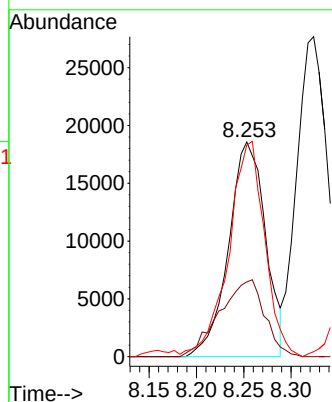
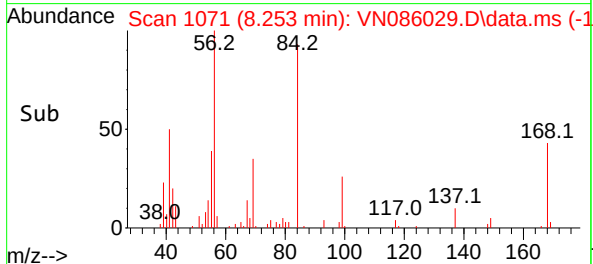
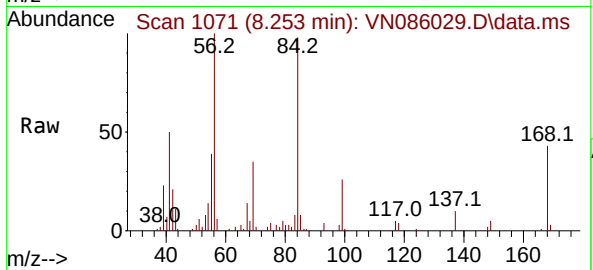
Tgt Ion: 56 Resp: 50460

Ion Ratio Lower Upper

56 100

69 34.8 28.0 42.0

84 97.4 75.0 112.6



#32

1,1,1-Trichloroethane

Concen: 20.018 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086029.D

Acq: 20 Mar 2025 17:09

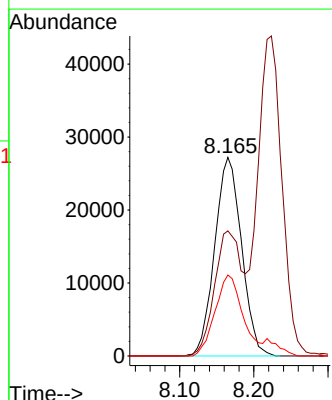
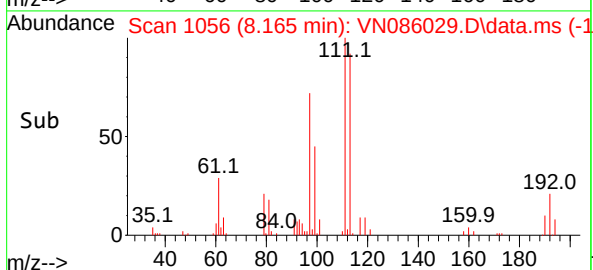
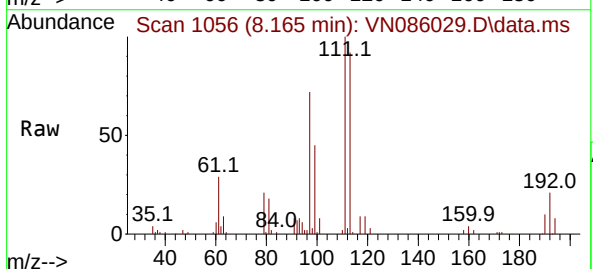
Tgt Ion: 97 Resp: 68406

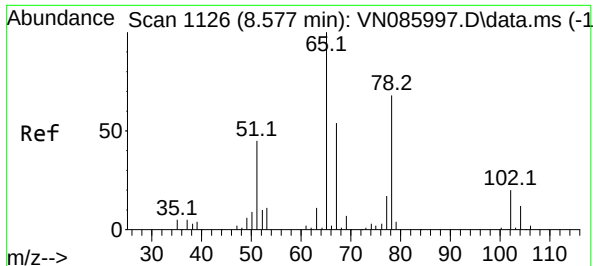
Ion Ratio Lower Upper

97 100

99 63.9 52.8 79.2

61 42.4 33.6 50.4

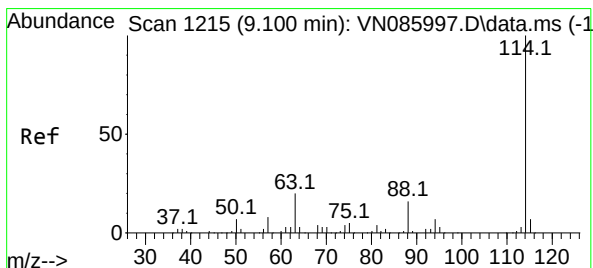
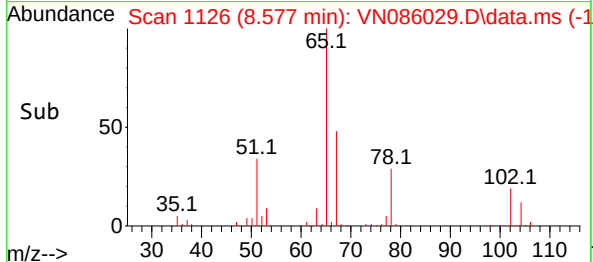
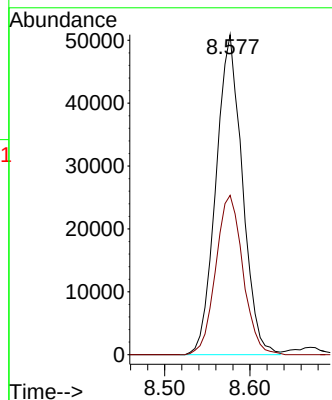
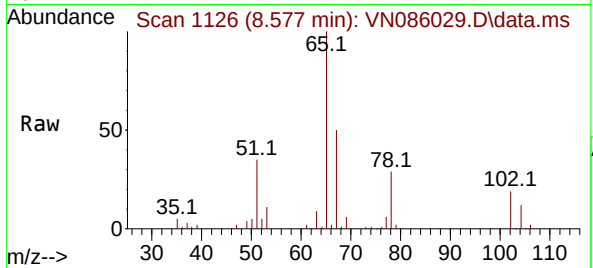




#33
 1,2-Dichloroethane-d4
 Concen: 49.001 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN086029.D
 Acq: 20 Mar 2025 17:09

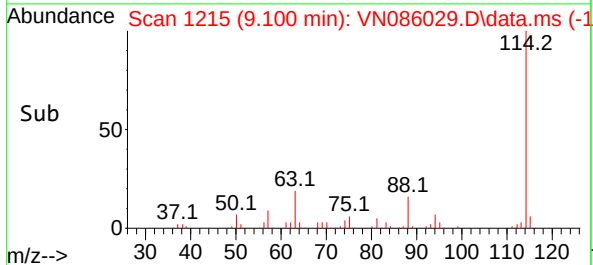
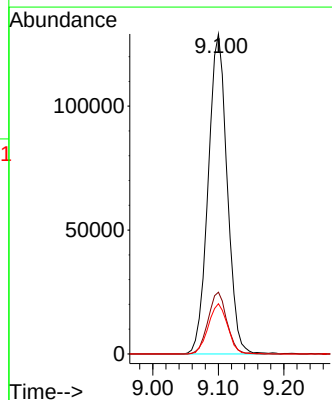
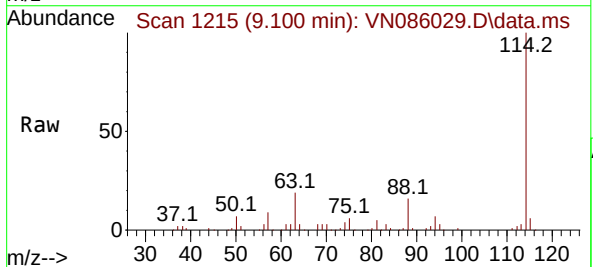
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0320WBSD01

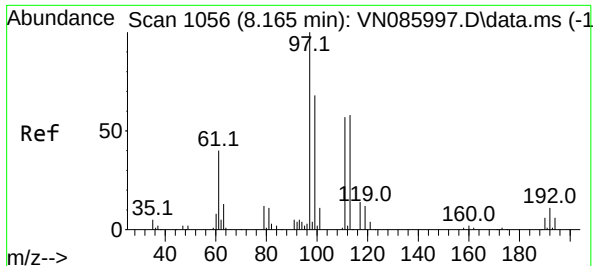
Tgt Ion: 65 Resp: 109416
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN086029.D
 Acq: 20 Mar 2025 17:09

Tgt Ion: 114 Resp: 259777
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.6
 88 15.7 0.0 32.6

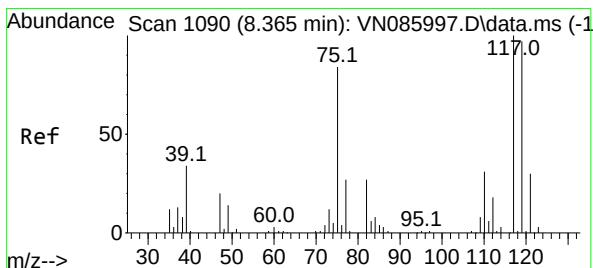
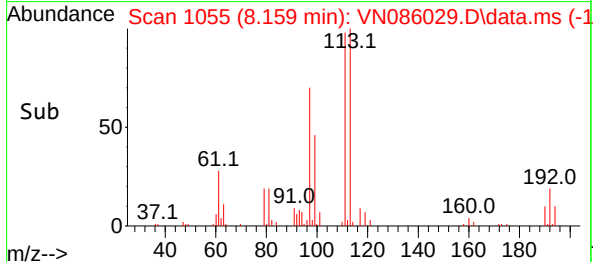
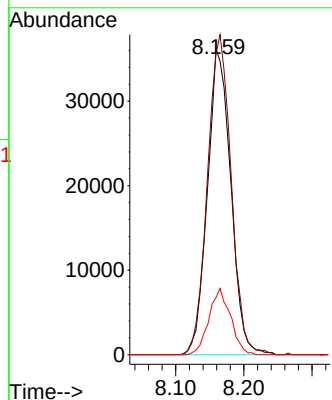
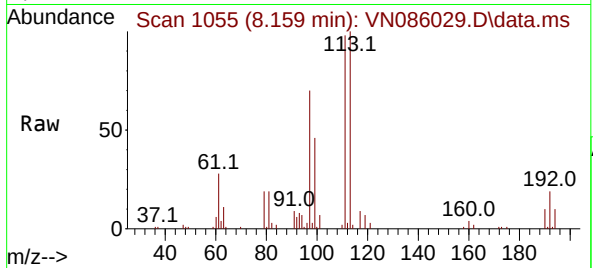




#35
Dibromofluoromethane
Concen: 47.545 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

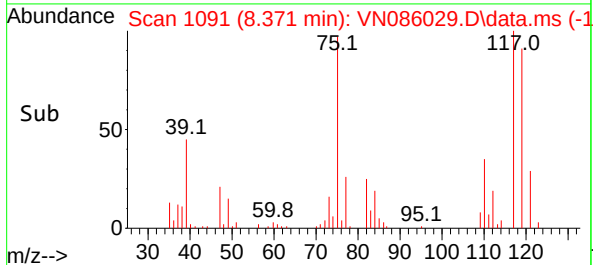
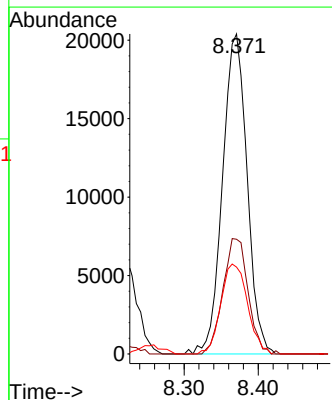
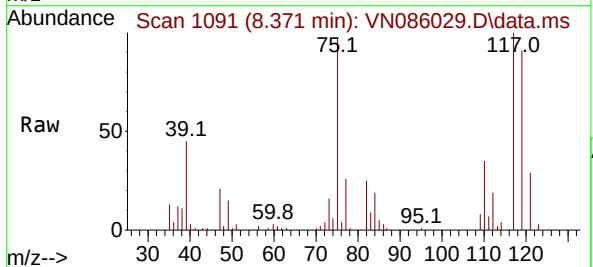
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

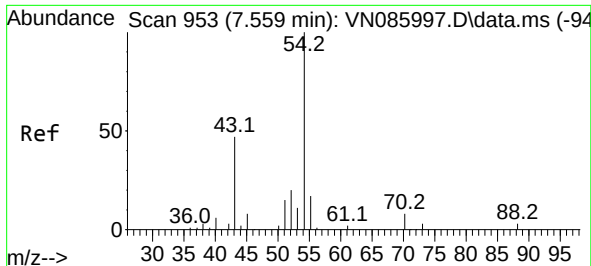
Tgt Ion:113 Resp: 86210
Ion Ratio Lower Upper
113 100
111 105.9 81.8 122.8
192 20.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 19.650 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Tgt Ion: 75 Resp: 46915
Ion Ratio Lower Upper
75 100
110 37.0 17.8 53.3
77 30.6 25.0 37.4

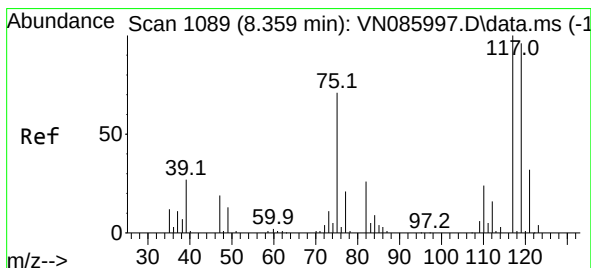
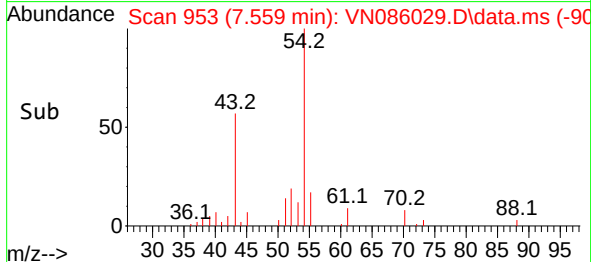
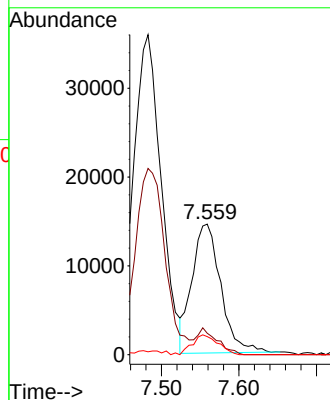
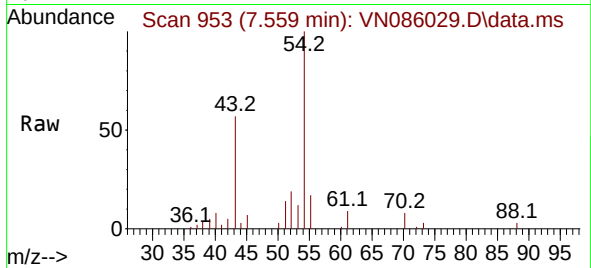




#37
Ethyl Acetate
Concen: 18.565 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

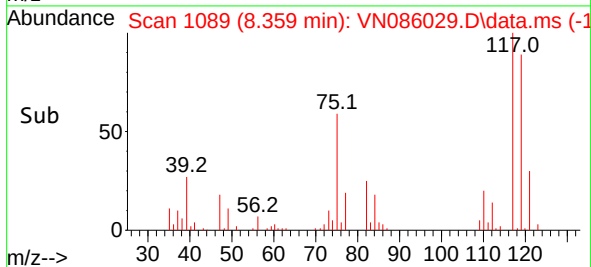
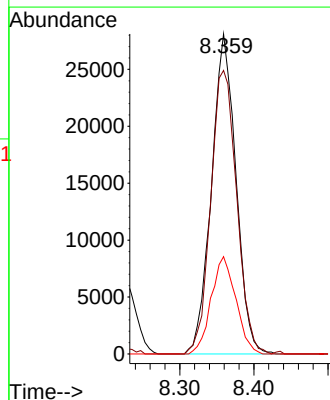
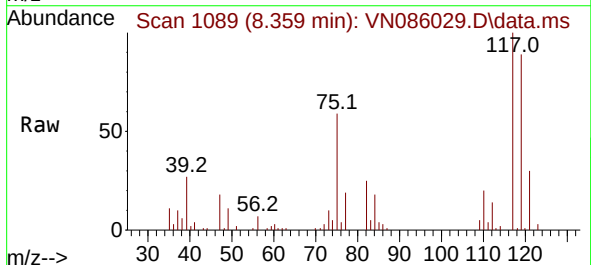
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

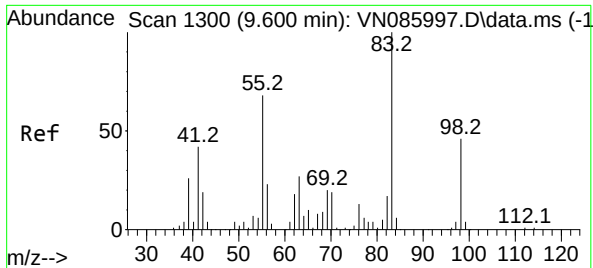
Tgt Ion:	43	Resp:	37394
Ion	Ratio	Lower	Upper
43	100		
61	15.4	13.0	19.4
70	13.9	11.0	16.6



#38
Carbon Tetrachloride
Concen: 20.532 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Tgt Ion:	117	Resp:	64454
Ion	Ratio	Lower	Upper
117	100		
119	88.6	77.0	115.4
121	30.4	25.6	38.4





#39

Methylcyclohexane

Concen: 16.655 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN086029.D

Acq: 20 Mar 2025 17:09

Instrument :

MSVOA_N

ClientSampleId :

VN0320WBSD01

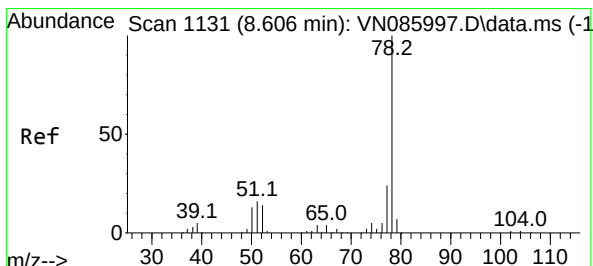
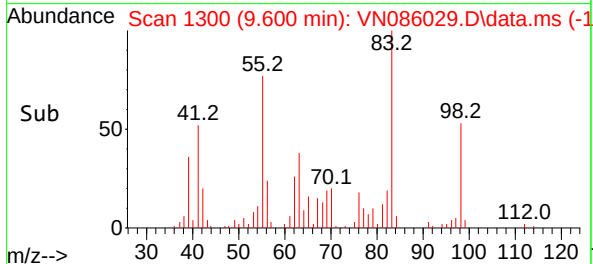
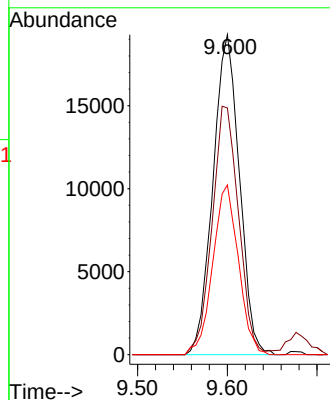
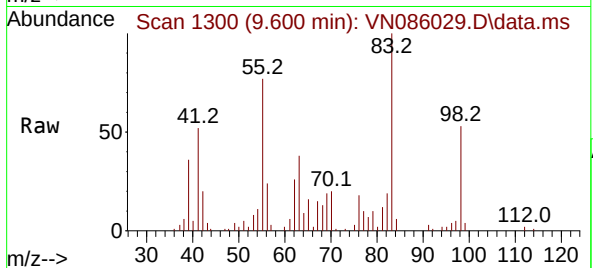
Tgt Ion: 83 Resp: 39452

Ion Ratio Lower Upper

83 100

55 77.1 54.2 81.2

98 53.1 37.1 55.7



#40

Benzene

Concen: 20.731 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN086029.D

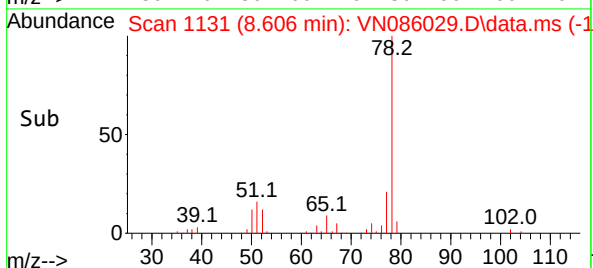
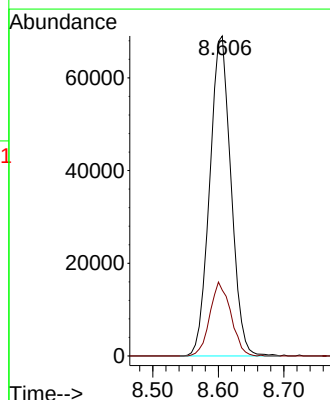
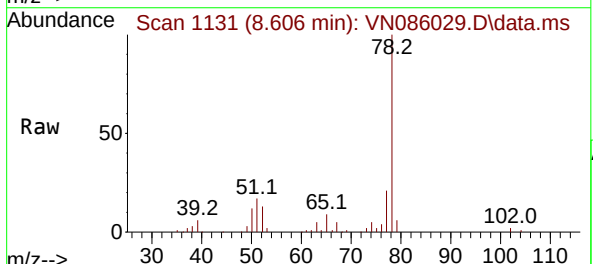
Acq: 20 Mar 2025 17:09

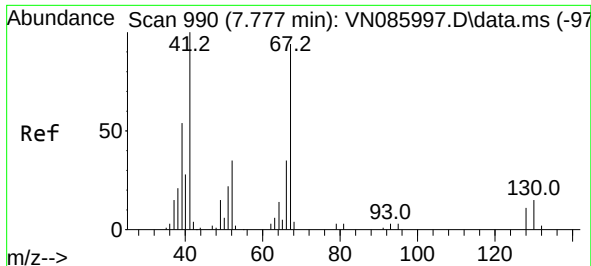
Tgt Ion: 78 Resp: 155377

Ion Ratio Lower Upper

78 100

77 20.6 18.9 28.3

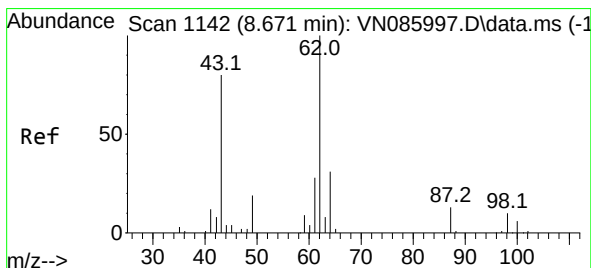
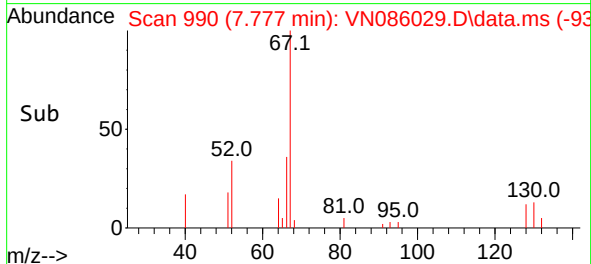
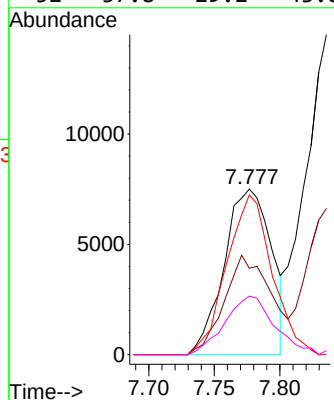
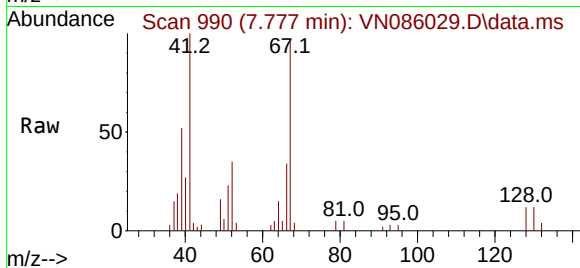




#41
Methacrylonitrile
Concen: 19.559 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

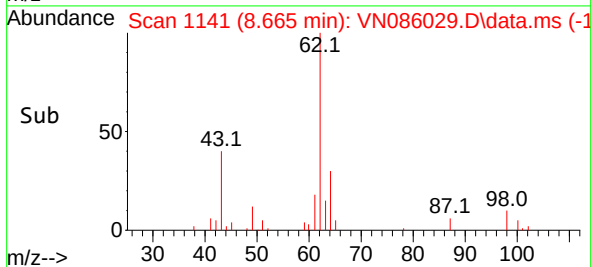
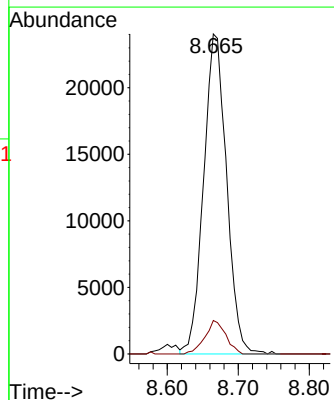
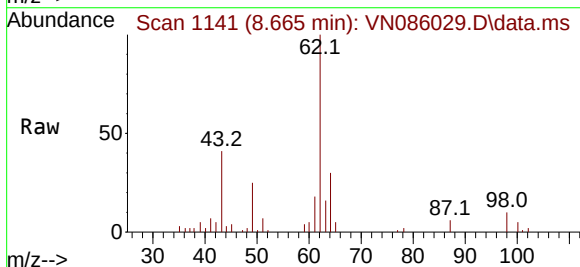
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

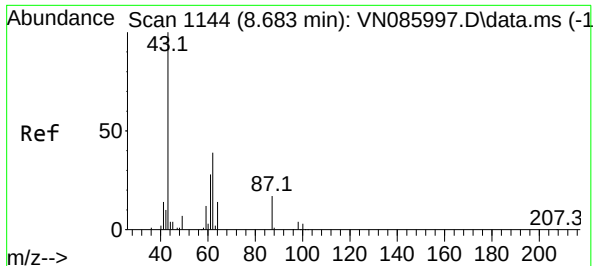
Tgt Ion:	41	Resp:	18812
Ion	Ratio	Lower	Upper
41	100		
39	59.8	46.2	69.2
67	92.6	75.9	113.9
52	37.8	29.2	43.8



#42
1,2-Dichloroethane
Concen: 20.725 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Tgt Ion:	62	Resp:	54126
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.6

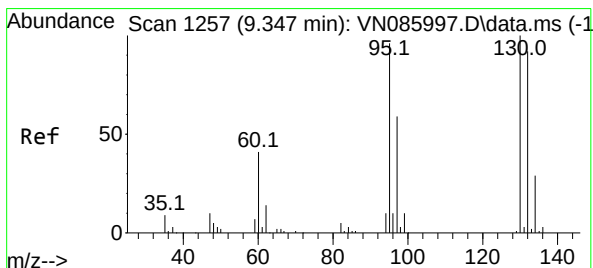
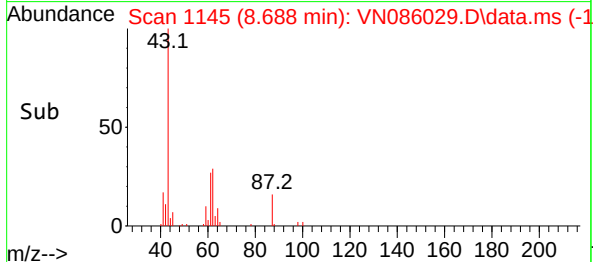
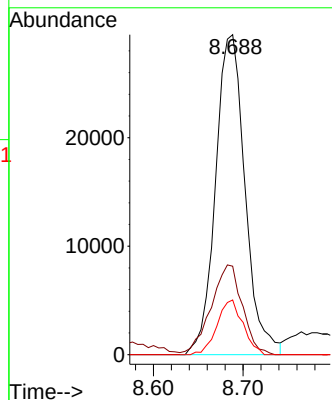
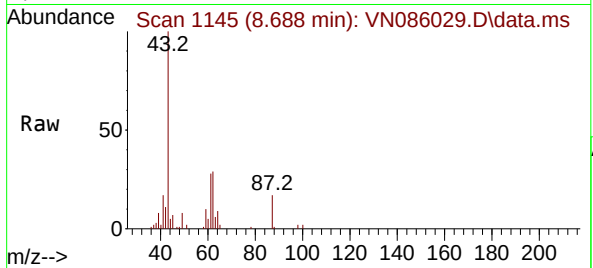




#43
Isopropyl Acetate
Concen: 15.441 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

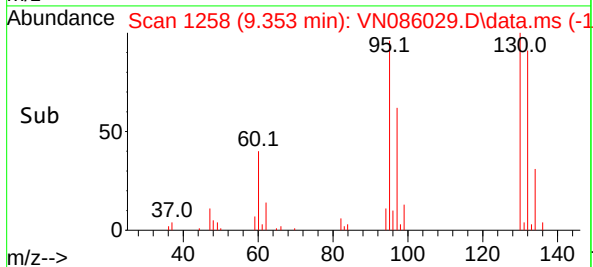
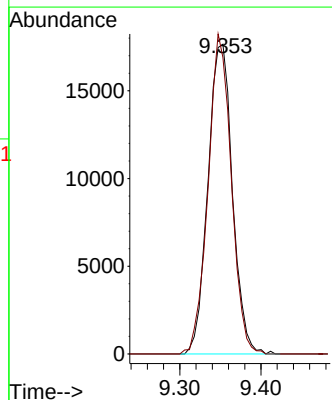
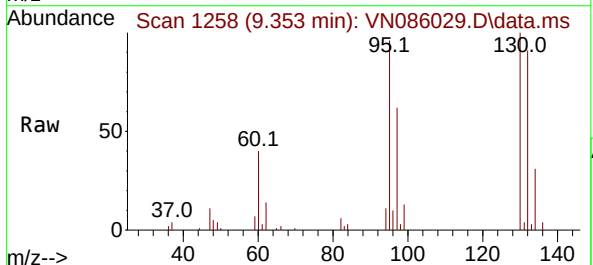
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

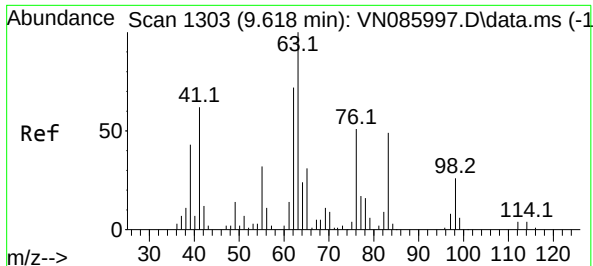
Tgt Ion: 43 Resp: 67395
Ion Ratio Lower Upper
43 100
61 29.8 25.0 37.6
87 15.0 13.0 19.4



#44
Trichloroethene
Concen: 19.119 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Tgt Ion:130 Resp: 37139
Ion Ratio Lower Upper
130 100
95 95.7 0.0 191.6





#45

1,2-Dichloropropane

Concen: 20.583 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086029.D

Acq: 20 Mar 2025 17:09

Instrument :

MSVOA_N

ClientSampleId :

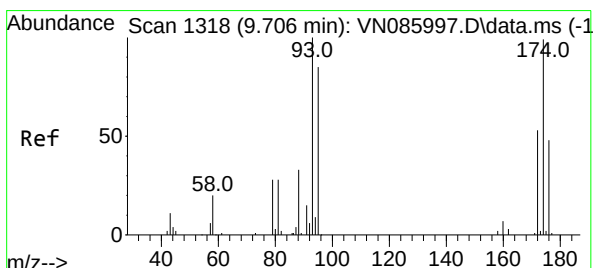
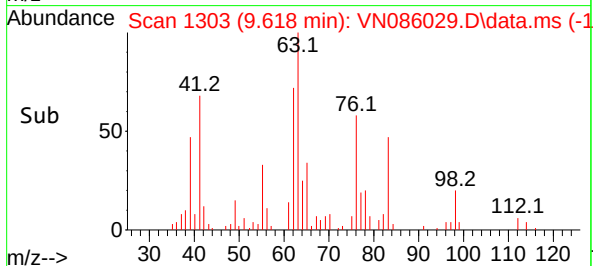
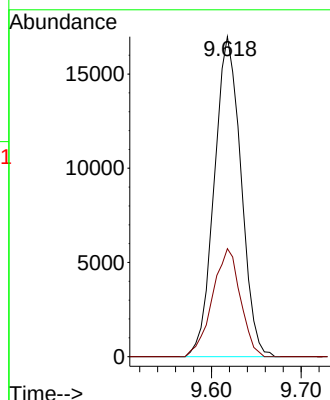
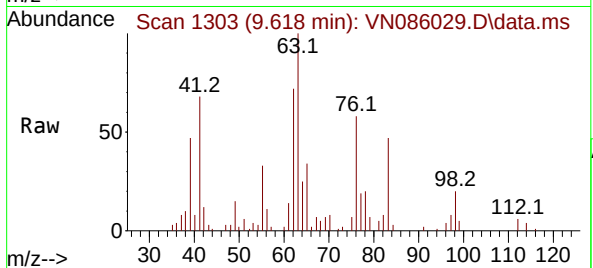
VN0320WBSD01

Tgt Ion: 63 Resp: 35089

Ion Ratio Lower Upper

63 100

65 33.8 24.7 37.1



#46

Dibromomethane

Concen: 21.187 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086029.D

Acq: 20 Mar 2025 17:09

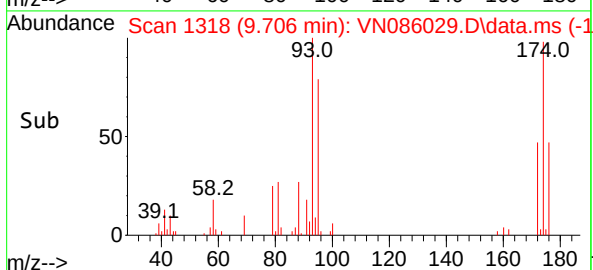
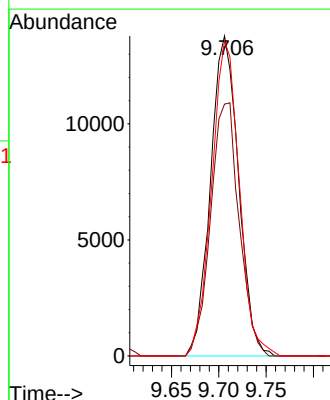
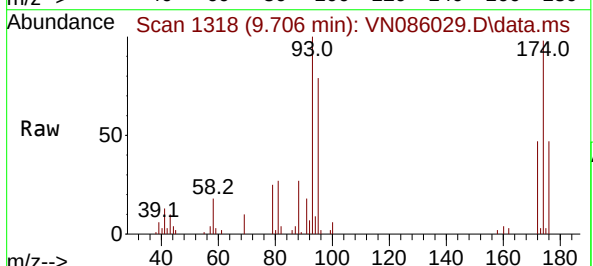
Tgt Ion: 93 Resp: 28404

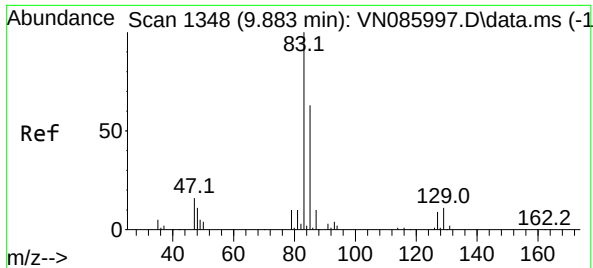
Ion Ratio Lower Upper

93 100

95 80.8 66.2 99.2

174 96.9 80.1 120.1

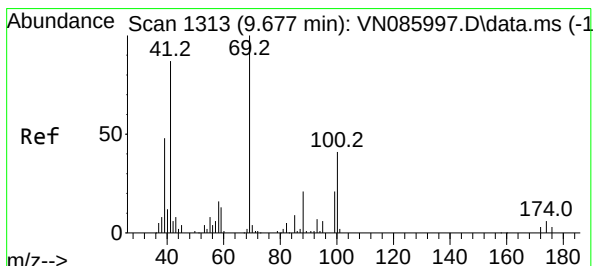
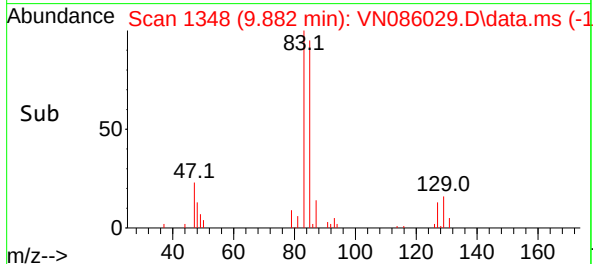
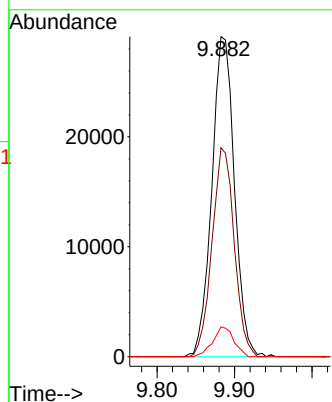
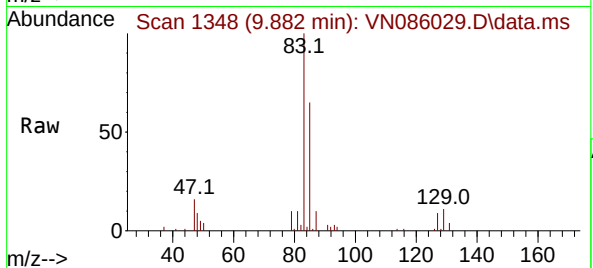




#47
Bromodichloromethane
Concen: 21.063 ug/l
RT: 9.882 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

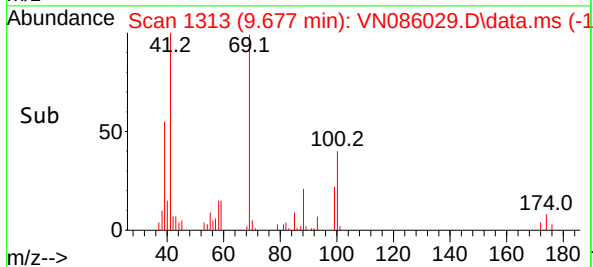
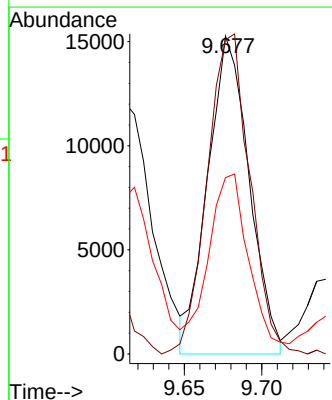
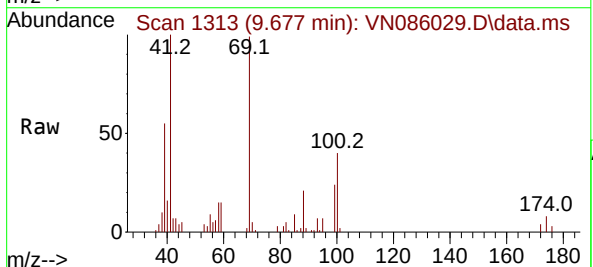
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

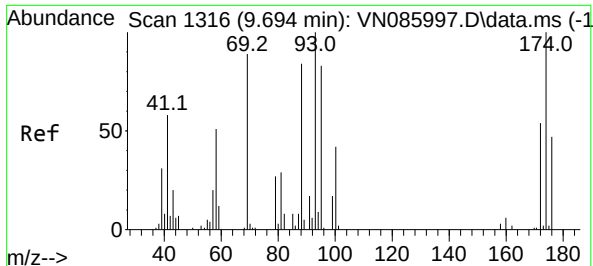
Tgt Ion: 83 Resp: 59015
Ion Ratio Lower Upper
83 100
85 65.3 50.2 75.2
127 9.3 7.1 10.7



#48
Methyl methacrylate
Concen: 19.669 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Tgt Ion: 41 Resp: 28329
Ion Ratio Lower Upper
41 100
69 103.4 83.1 124.7
39 56.5 45.6 68.4





#49

1,4-Dioxane

Concen: 407.830 ug/l

RT: 9.688 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN086029.D

Acq: 20 Mar 2025 17:09

Instrument :

MSVOA_N

ClientSampleId :

VN0320WBSD01

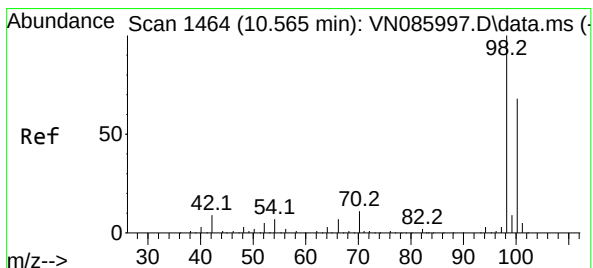
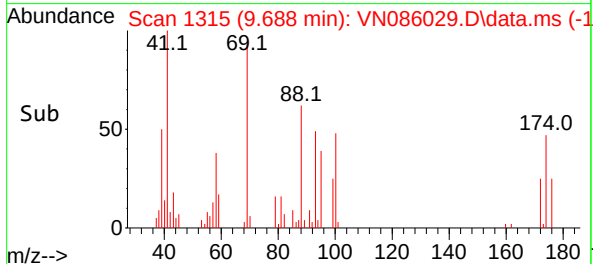
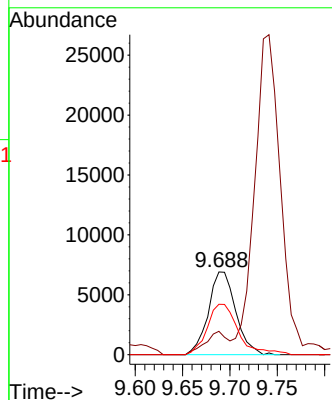
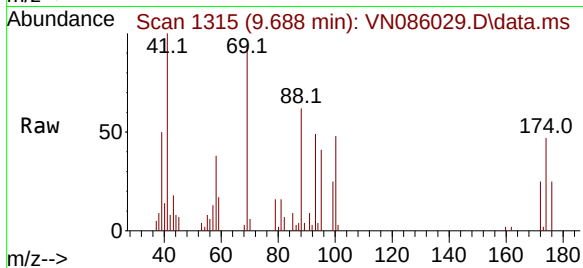
Tgt Ion: 88 Resp: 13886

Ion Ratio Lower Upper

88 100

43 22.9 21.7 32.5

58 69.3 50.4 75.6



#50

Toluene-d8

Concen: 48.914 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086029.D

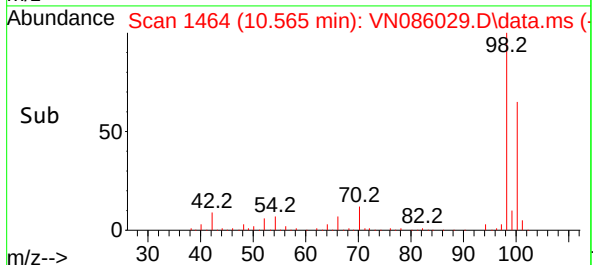
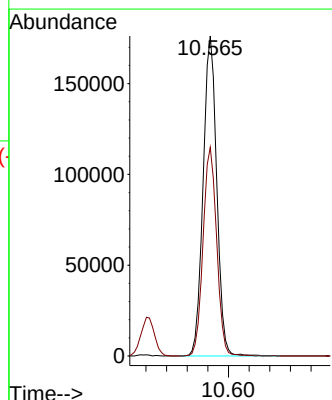
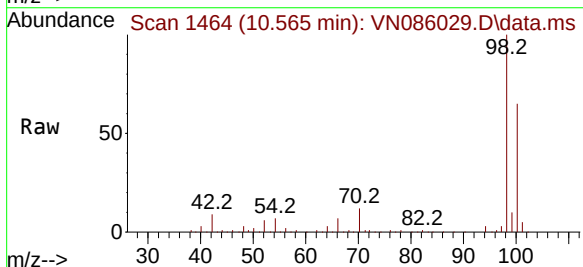
Acq: 20 Mar 2025 17:09

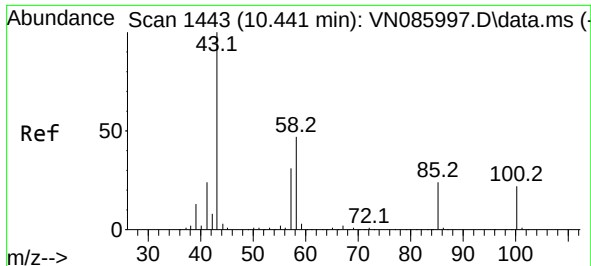
Tgt Ion: 98 Resp: 321886

Ion Ratio Lower Upper

98 100

100 65.2 53.1 79.7

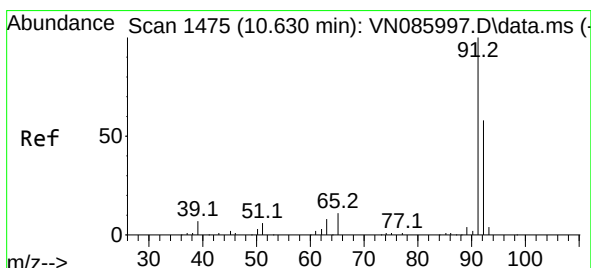
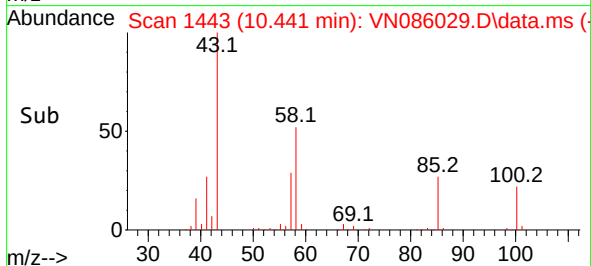
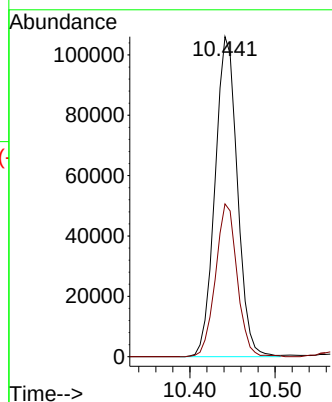
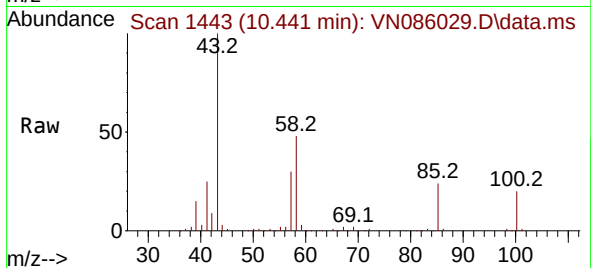




#51
4-Methyl-2-Pentanone
Concen: 100.374 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

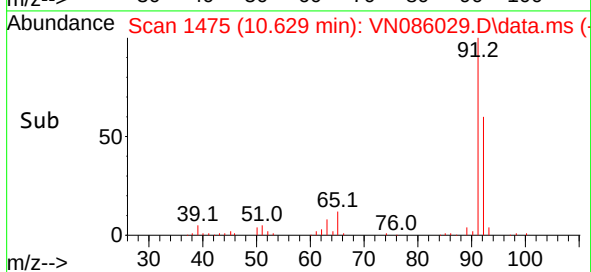
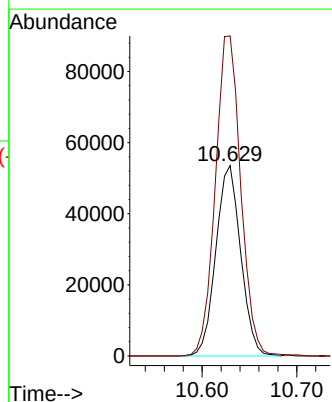
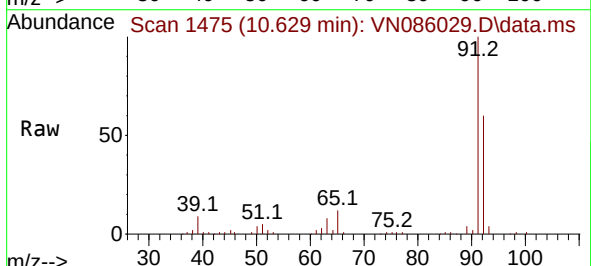
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

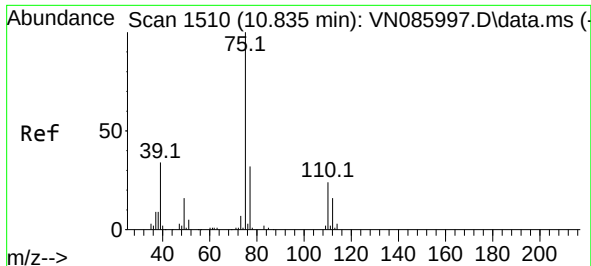
Tgt Ion: 43 Resp: 193215
Ion Ratio Lower Upper
43 100
58 46.2 37.4 56.0



#52
Toluene
Concen: 21.197 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Tgt Ion: 92 Resp: 97507
Ion Ratio Lower Upper
92 100
91 172.6 136.2 204.4

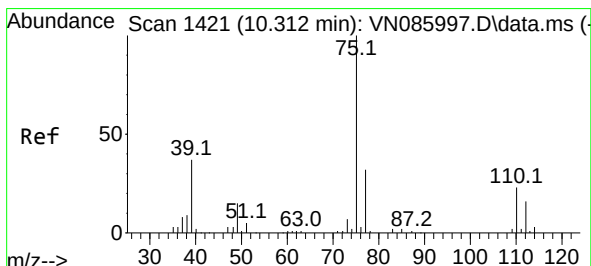
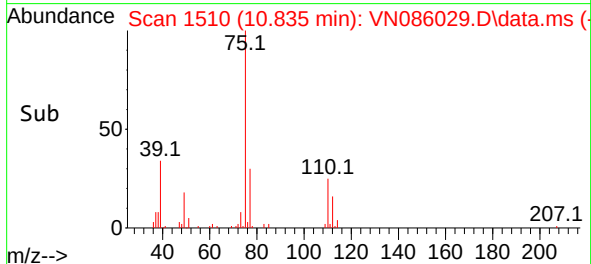
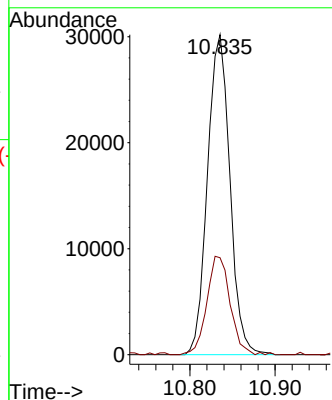
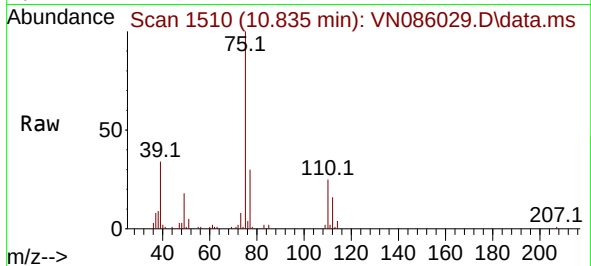




#53
t-1,3-Dichloropropene
Concen: 20.285 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

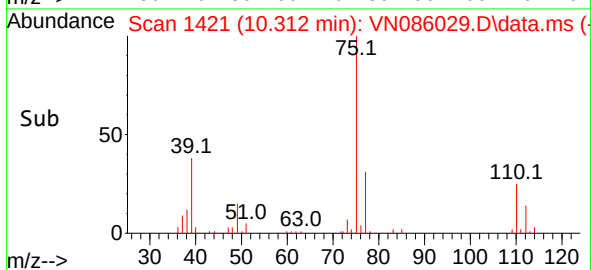
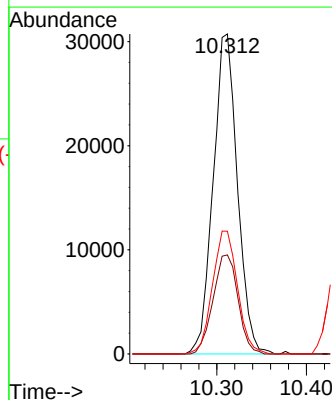
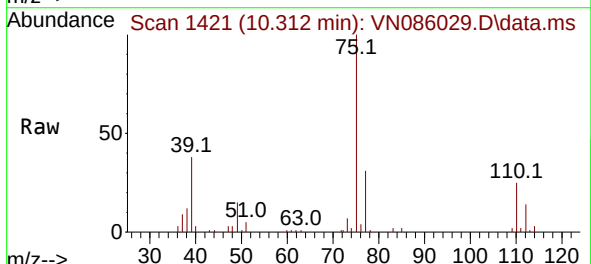
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

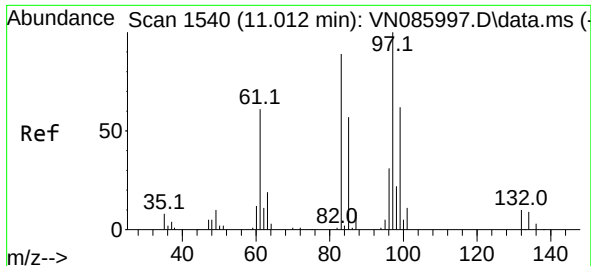
Tgt Ion: 75 Resp: 55197
Ion Ratio Lower Upper
75 100
77 30.3 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 20.055 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Tgt Ion: 75 Resp: 57578
Ion Ratio Lower Upper
75 100
77 31.0 25.3 37.9
39 38.4 29.6 44.4

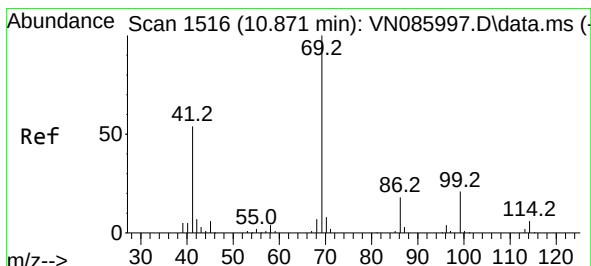
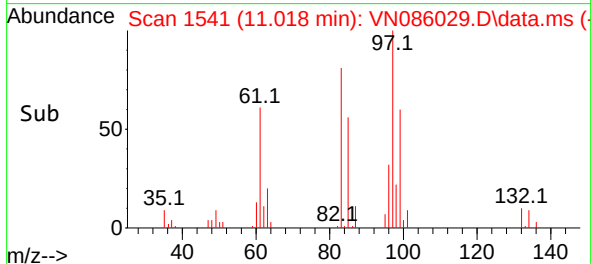
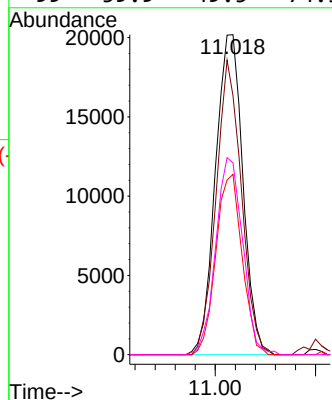
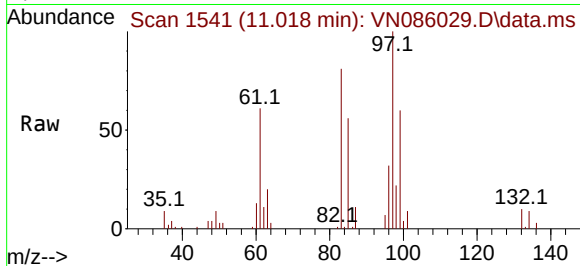




#55
 1,1,2-Trichloroethane
 Concen: 21.820 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.006 min
 Lab File: VN086029.D
 Acq: 20 Mar 2025 17:09

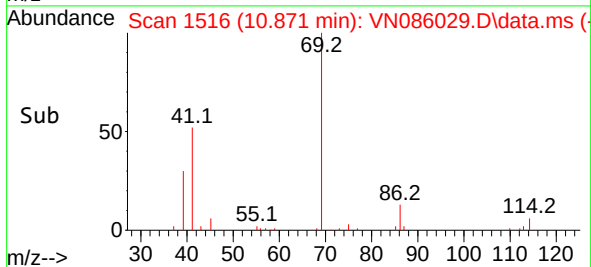
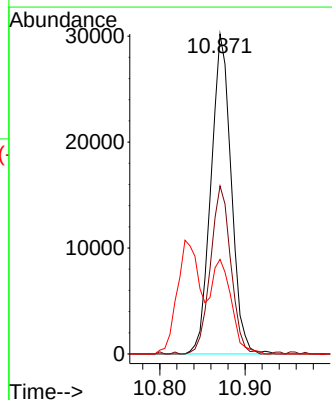
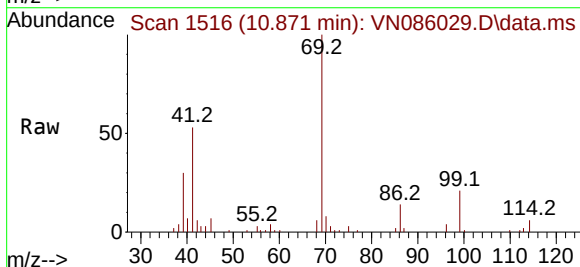
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0320WBSD01

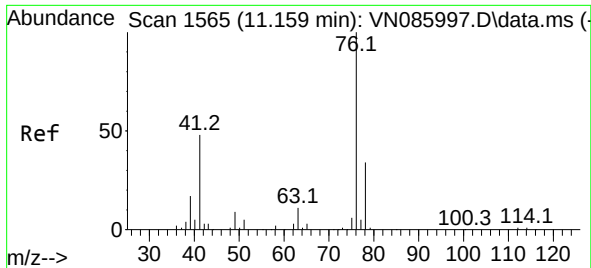
Tgt Ion:	97	Resp:	38311
Ion	Ratio	Lower	Upper
97	100		
83	80.9	71.2	106.8
85	56.3	45.4	68.0
99	59.9	49.5	74.3



#56
 Ethyl methacrylate
 Concen: 20.666 ug/l
 RT: 10.871 min Scan# 1516
 Delta R.T. -0.000 min
 Lab File: VN086029.D
 Acq: 20 Mar 2025 17:09

Tgt Ion:	69	Resp:	49757
Ion	Ratio	Lower	Upper
69	100		
41	52.9	41.6	62.4
39	29.6	21.8	32.8





#57

1,3-Dichloropropane

Concen: 20.774 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN086029.D

Acq: 20 Mar 2025 17:09

Instrument :

MSVOA_N

ClientSampleId :

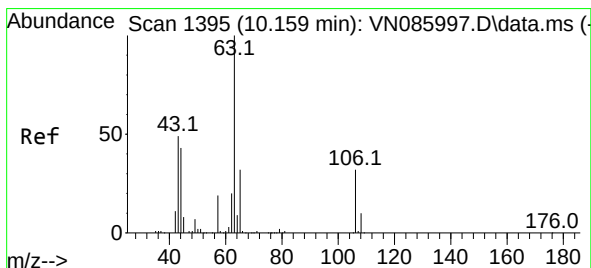
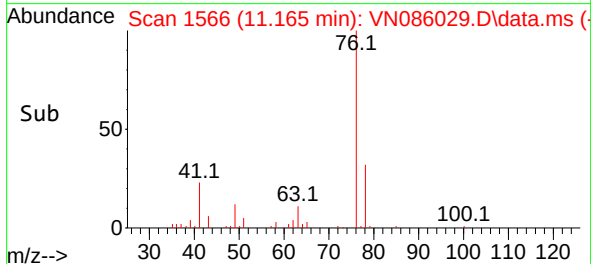
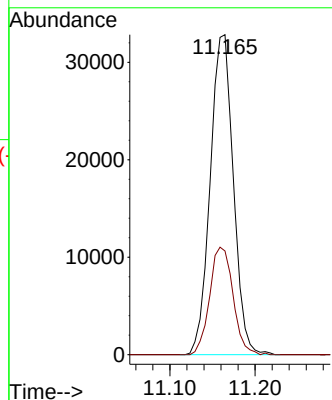
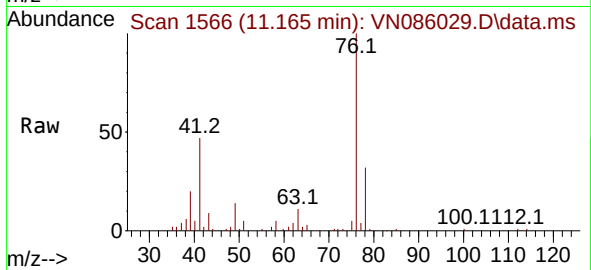
VN0320WBSD01

Tgt Ion: 76 Resp: 61949

Ion Ratio Lower Upper

76 100

78 33.9 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 100.437 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN086029.D

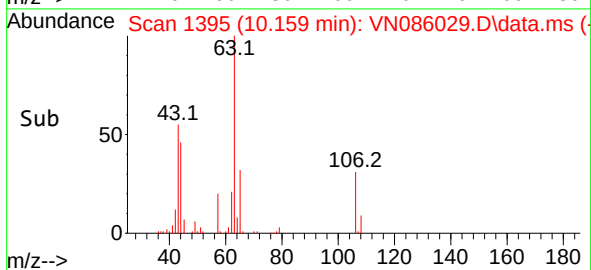
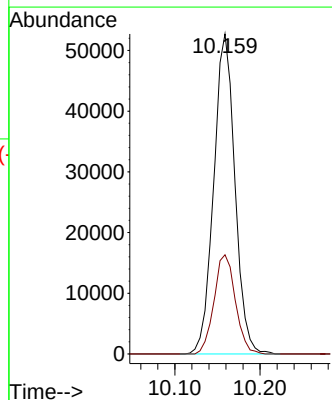
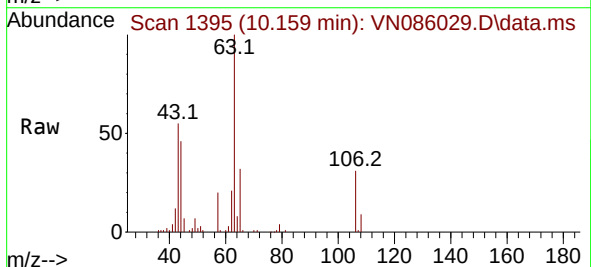
Acq: 20 Mar 2025 17:09

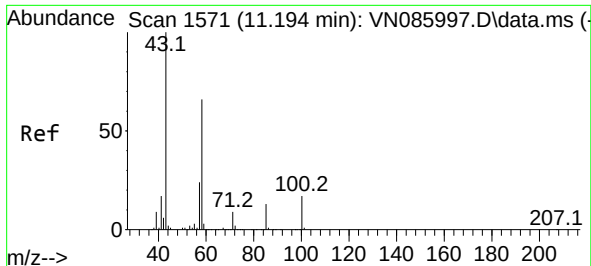
Tgt Ion: 63 Resp: 90936

Ion Ratio Lower Upper

63 100

106 31.2 25.0 37.6

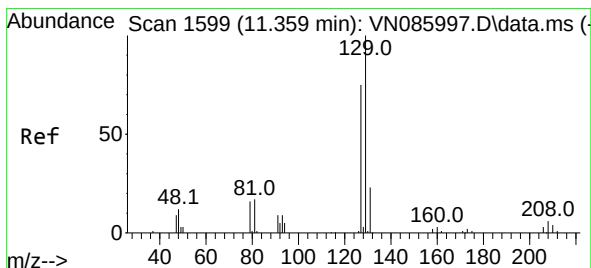
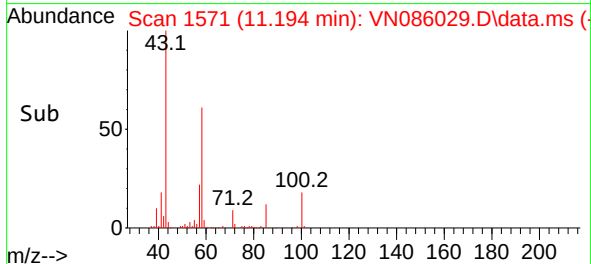
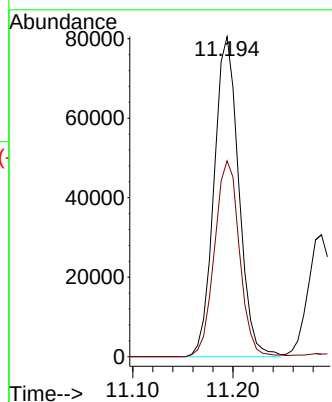
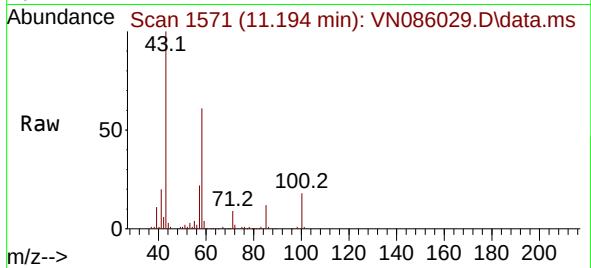




#59
2-Hexanone
Concen: 98.355 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

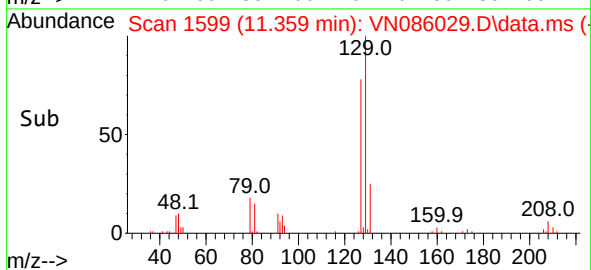
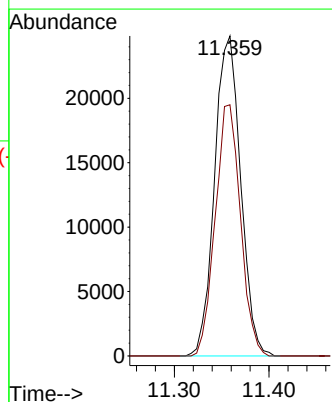
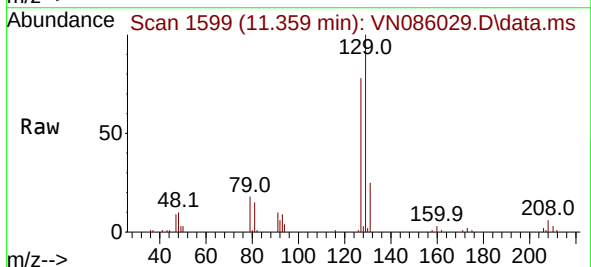
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

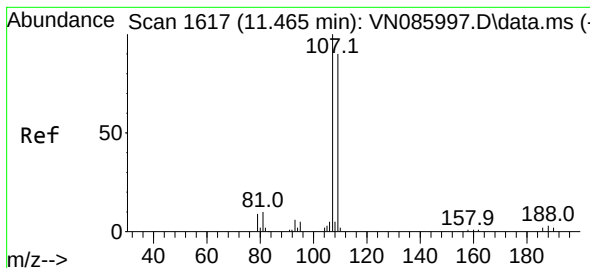
Tgt Ion: 43 Resp: 137925
Ion Ratio Lower Upper
43 100
58 61.8 32.4 97.2



#60
Dibromochloromethane
Concen: 21.016 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Tgt Ion: 129 Resp: 47613
Ion Ratio Lower Upper
129 100
127 75.9 37.8 113.4

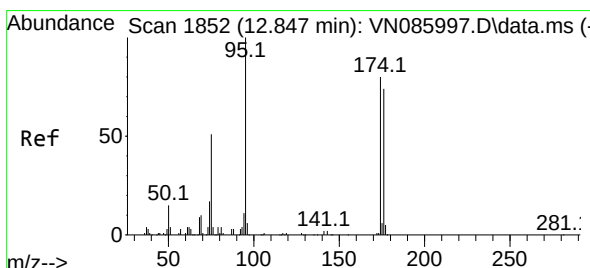
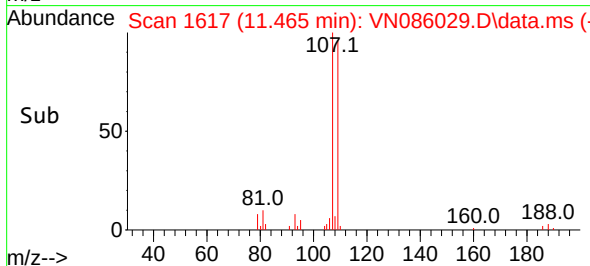
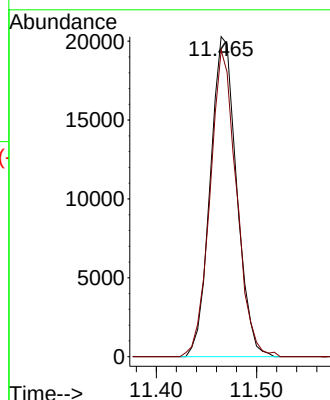
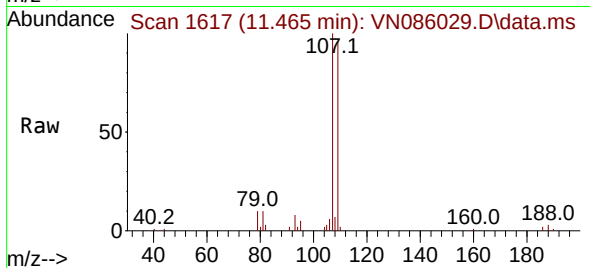




#61
1,2-Dibromoethane
Concen: 20.543 ug/l
RT: 11.465 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

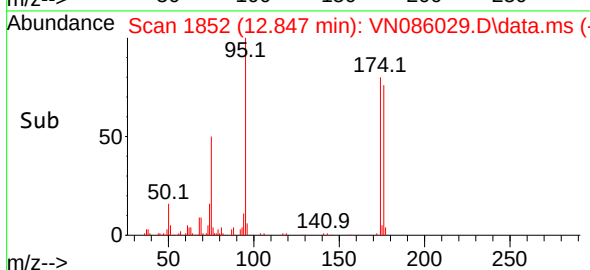
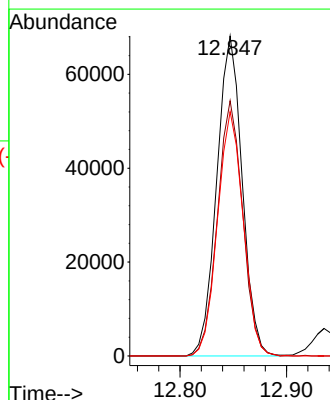
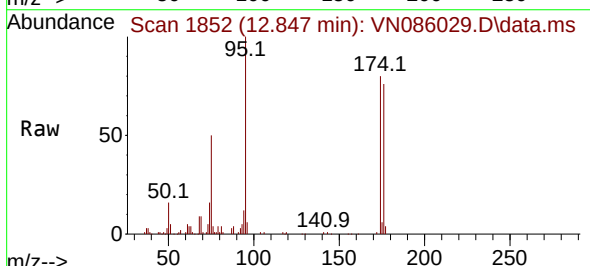
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

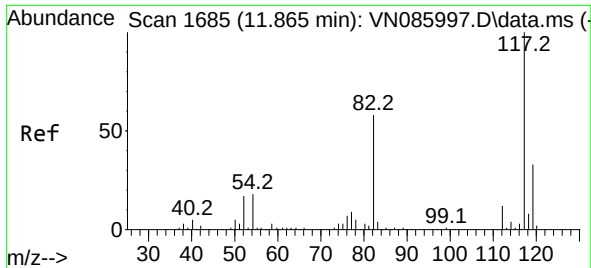
Tgt Ion:107 Resp: 37028
Ion Ratio Lower Upper
107 100
109 95.8 73.3 109.9



#62
4-Bromofluorobenzene
Concen: 48.160 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Tgt Ion: 95 Resp: 113025
Ion Ratio Lower Upper
95 100
174 79.2 0.0 156.8
176 77.0 0.0 152.2

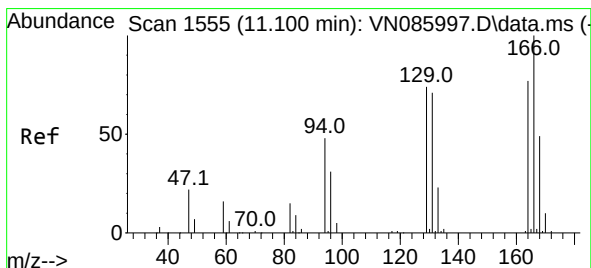
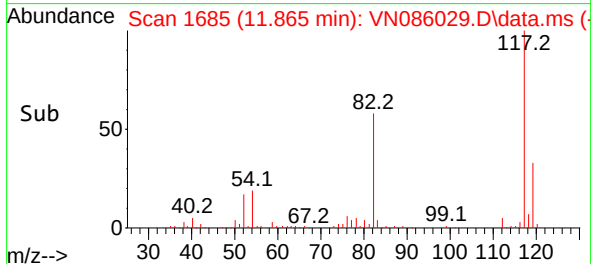
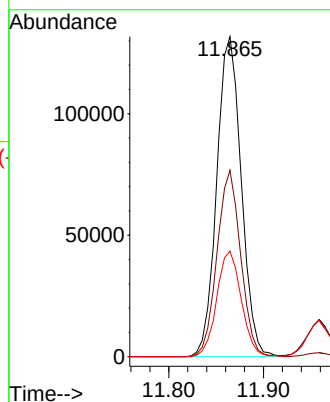
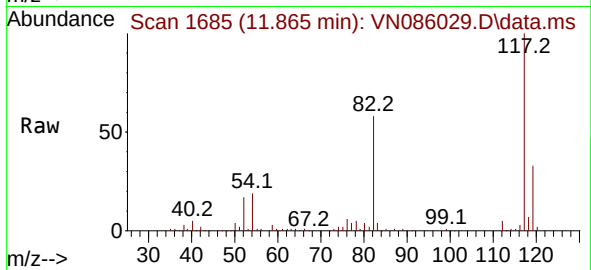




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

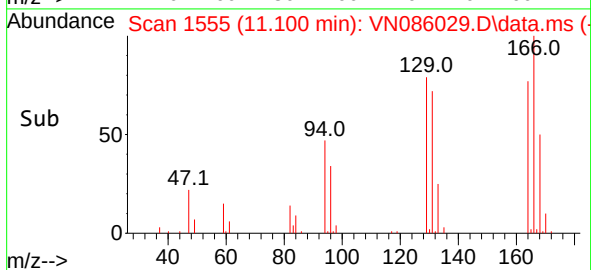
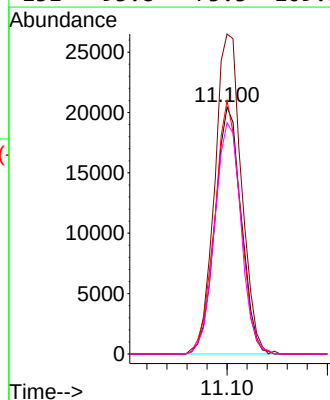
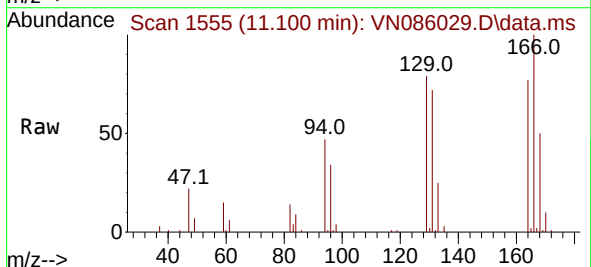
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

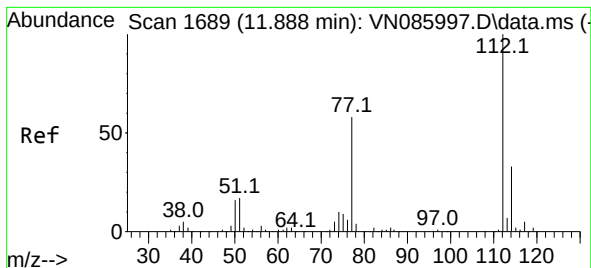
Tgt Ion:117 Resp: 237082
Ion Ratio Lower Upper
117 100
82 58.3 46.7 70.1
119 33.0 26.5 39.7



#64
Tetrachloroethene
Concen: 19.556 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Tgt Ion:164 Resp: 36985
Ion Ratio Lower Upper
164 100
166 129.7 103.7 155.5
129 102.7 77.1 115.7
131 93.8 73.3 109.9

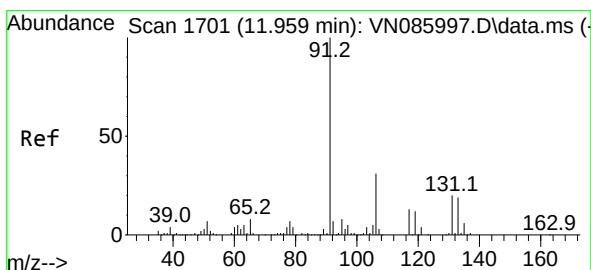
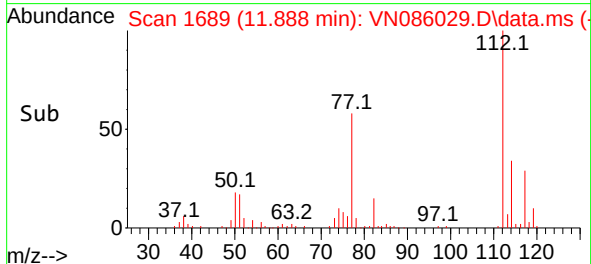
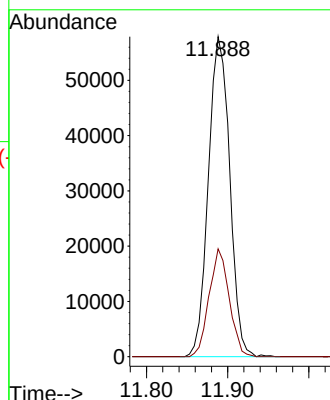
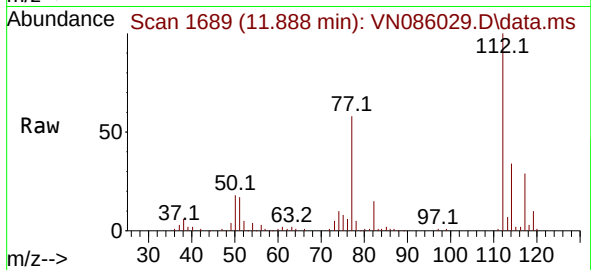




#65
Chlorobenzene
Concen: 19.513 ug/l
RT: 11.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

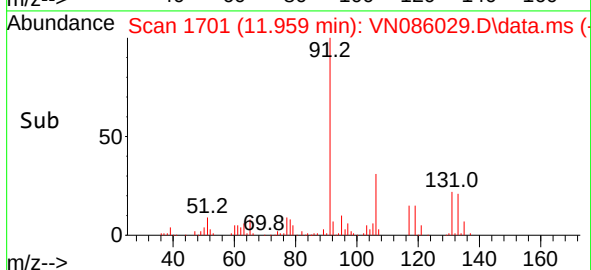
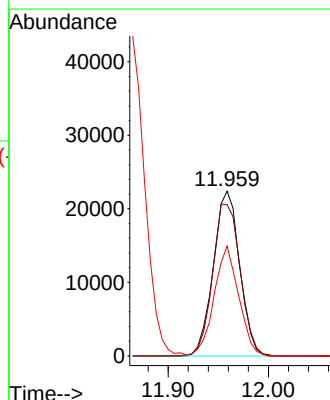
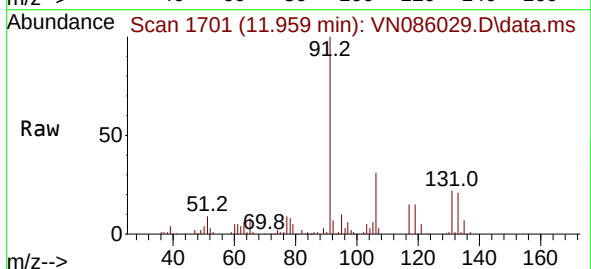
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

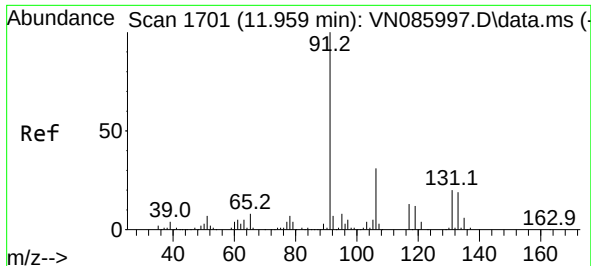
Tgt Ion:112 Resp: 105860
Ion Ratio Lower Upper
112 100
114 33.7 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.182 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Tgt Ion:131 Resp: 40700
Ion Ratio Lower Upper
131 100
133 96.9 47.0 141.0
119 62.4 31.4 94.0

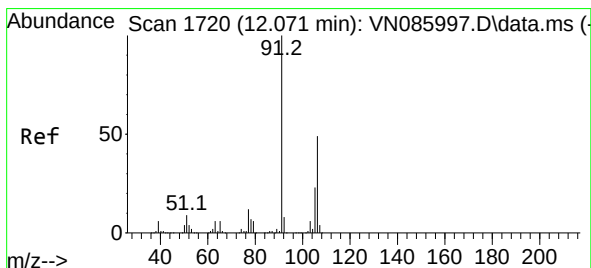
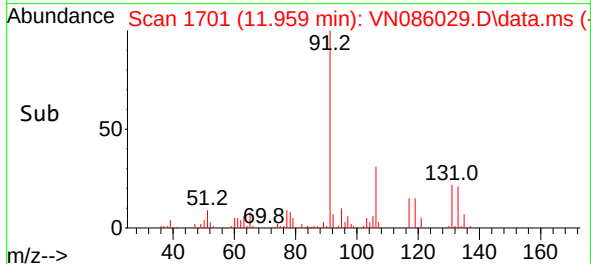
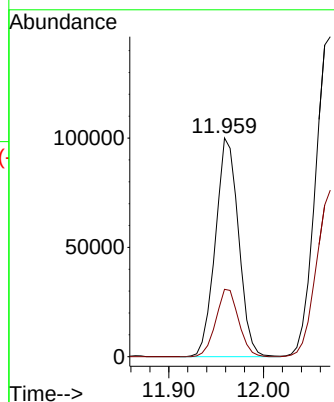
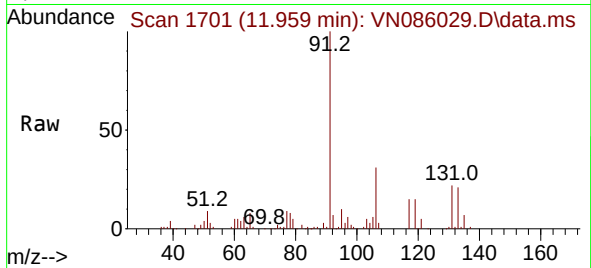




#67
Ethyl Benzene
Concen: 19.573 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

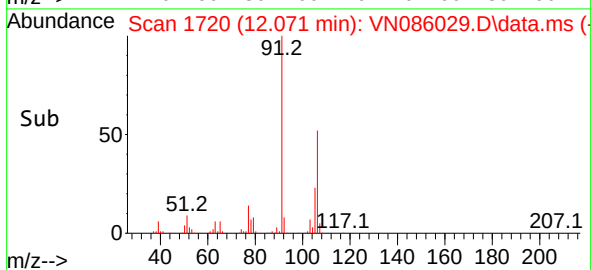
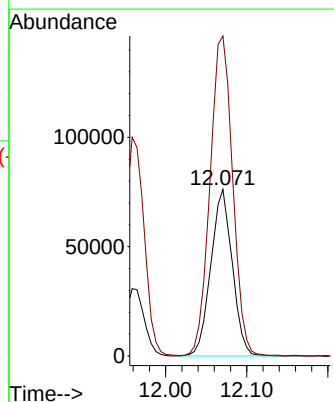
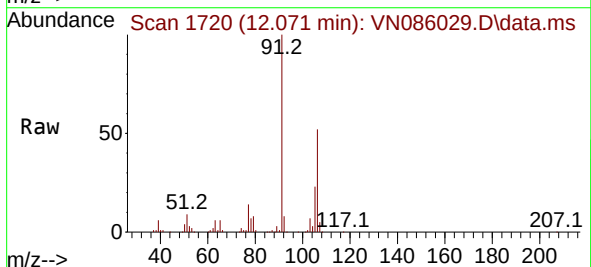
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

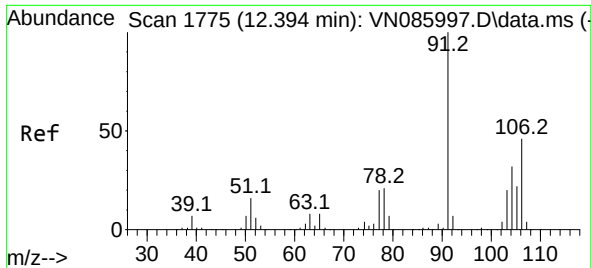
Tgt Ion: 91 Resp: 169858
Ion Ratio Lower Upper
91 100
106 30.8 24.5 36.7



#68
m/p-Xylenes
Concen: 40.966 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Tgt Ion: 106 Resp: 139730
Ion Ratio Lower Upper
106 100
91 203.4 163.9 245.9

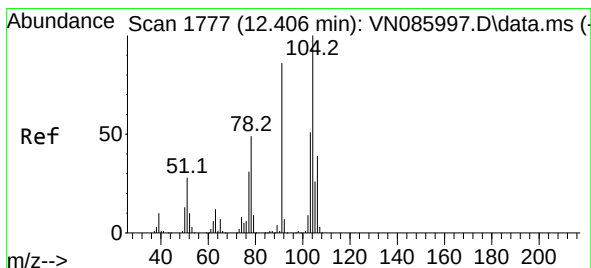
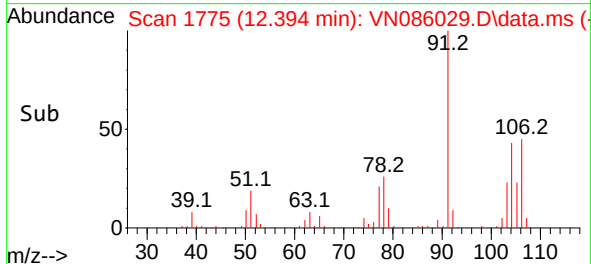
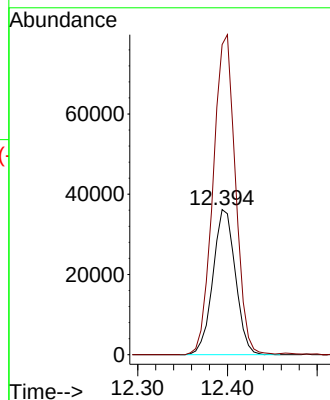
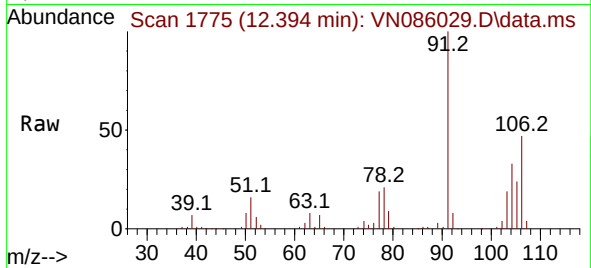




#69
o-Xylene
Concen: 20.133 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

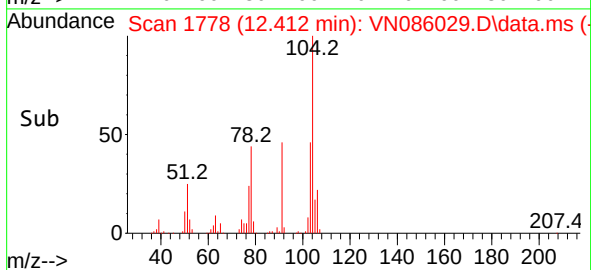
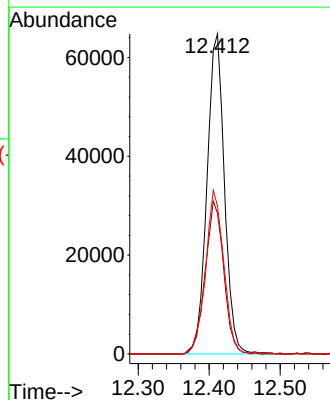
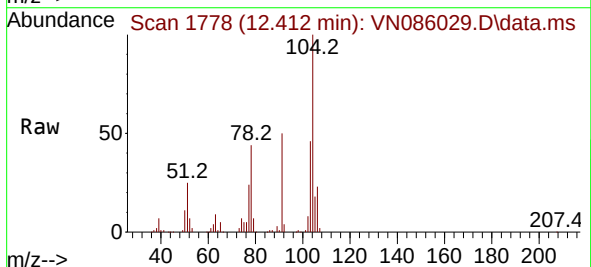
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

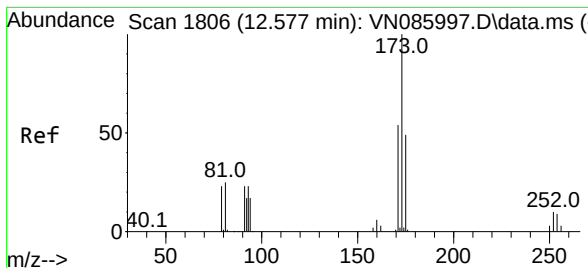
Tgt Ion:106 Resp: 63026
Ion Ratio Lower Upper
106 100
91 218.6 109.1 327.2



#70
Styrene
Concen: 20.709 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Tgt Ion:104 Resp: 110733
Ion Ratio Lower Upper
104 100
78 50.8 41.4 62.2
103 53.3 42.9 64.3





#71

Bromoform

Concen: 20.032 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN086029.D

Acq: 20 Mar 2025 17:09

Instrument :

MSVOA_N

ClientSampleId :

VN0320WBSD01

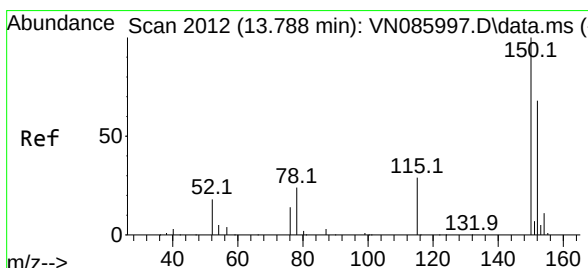
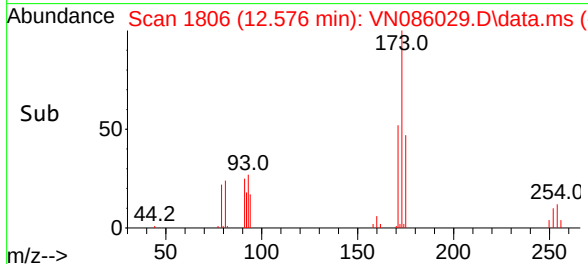
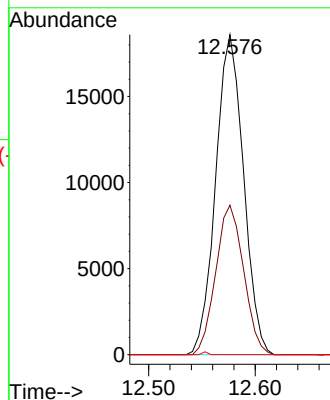
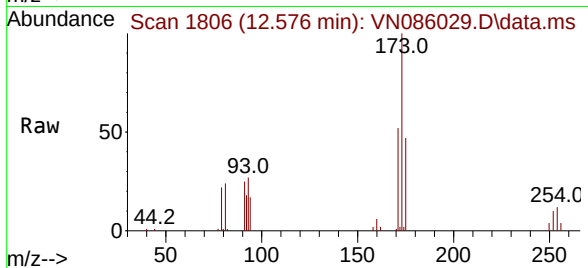
Tgt Ion:173 Resp: 33772

Ion Ratio Lower Upper

173 100

175 46.7 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: VN086029.D

Acq: 20 Mar 2025 17:09

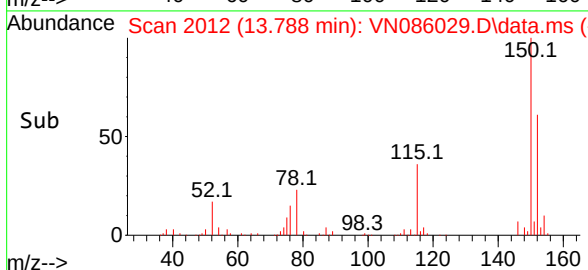
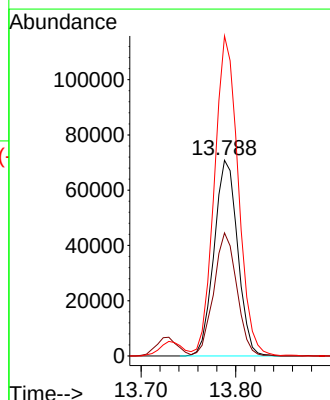
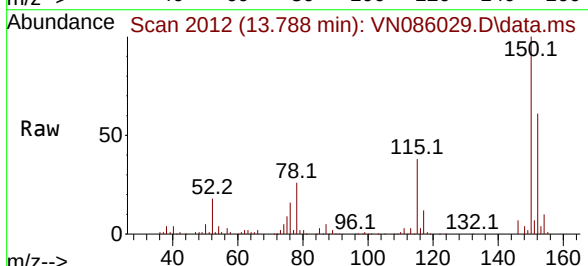
Tgt Ion:152 Resp: 122440

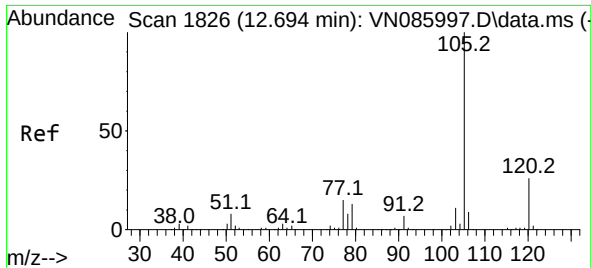
Ion Ratio Lower Upper

152 100

115 61.7 31.1 93.2

150 165.5 0.0 359.6

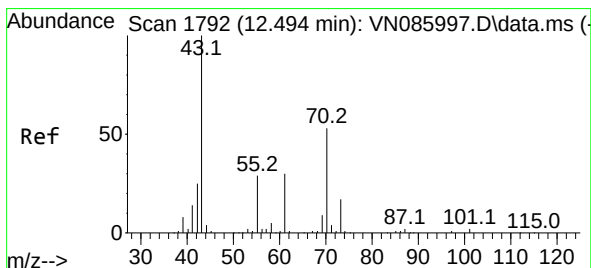
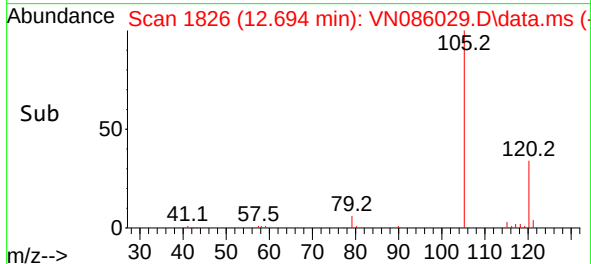
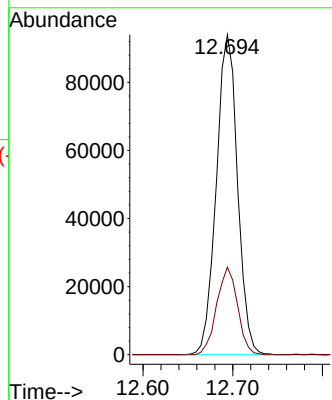
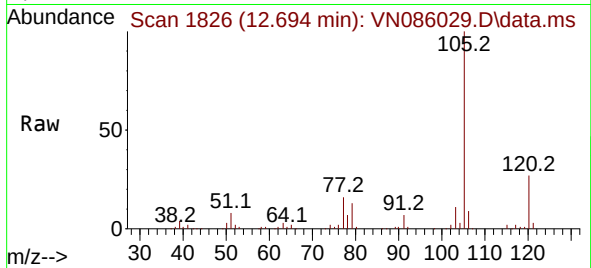




#73
Isopropylbenzene
Concen: 18.464 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

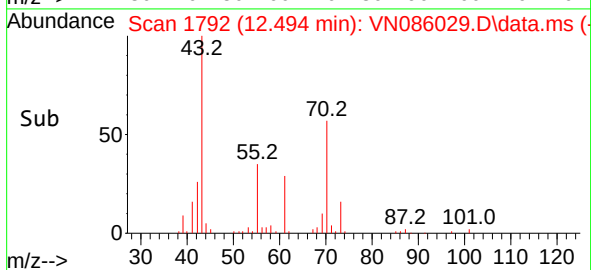
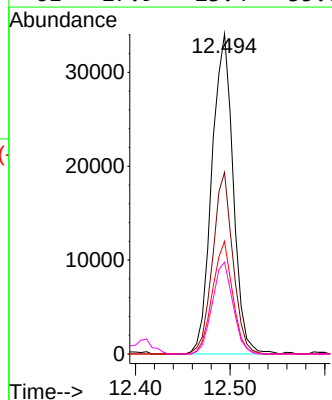
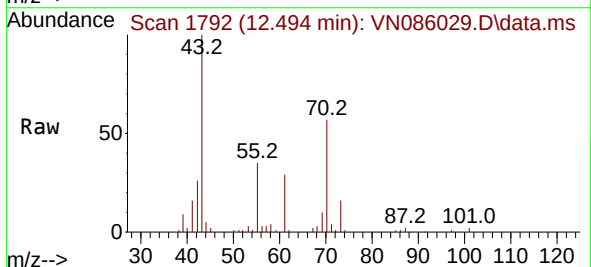
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

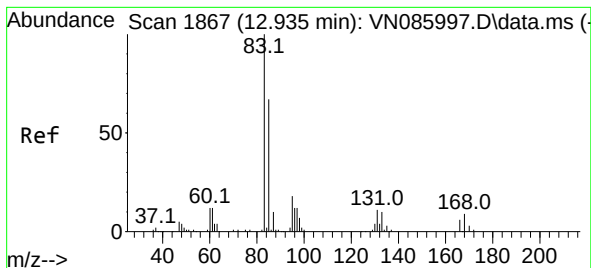
Tgt Ion:105 Resp: 154381
Ion Ratio Lower Upper
105 100
120 26.8 13.0 39.0



#74
N-ethyl acetate
Concen: 19.021 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Tgt Ion: 43 Resp: 53210
Ion Ratio Lower Upper
43 100
70 53.8 43.0 64.4
55 33.3 23.8 35.8
61 27.9 23.4 35.0





#75

1,1,2-Tetrachloroethane

Concen: 18.673 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VN086029.D

Acq: 20 Mar 2025 17:09

Instrument :

MSVOA_N

ClientSampleId :

VN0320WBSD01

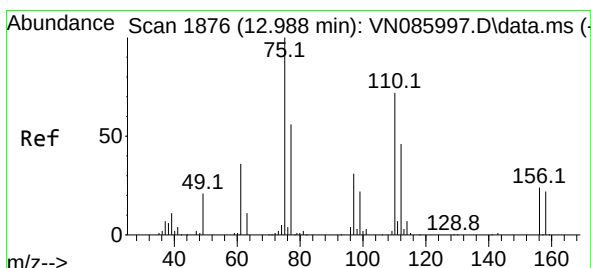
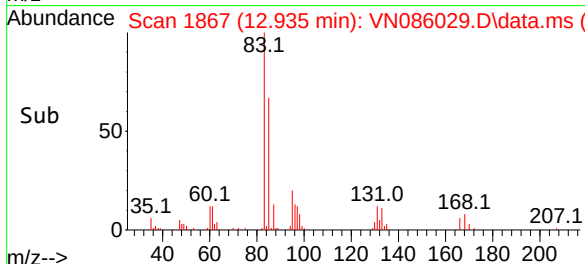
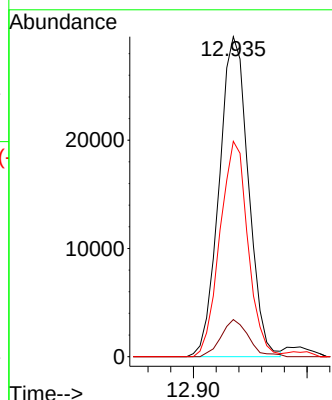
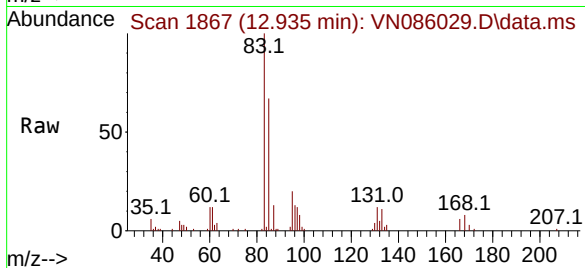
Tgt Ion: 83 Resp: 52821

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.5

85 64.6 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 25.177 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.006 min

Lab File: VN086029.D

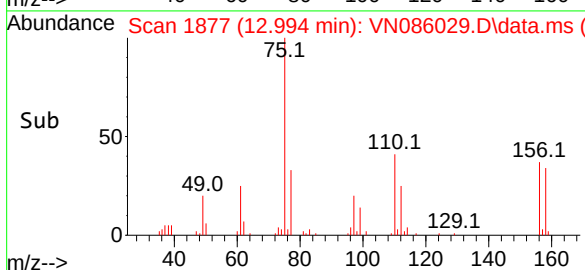
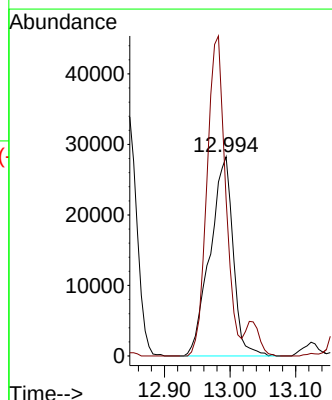
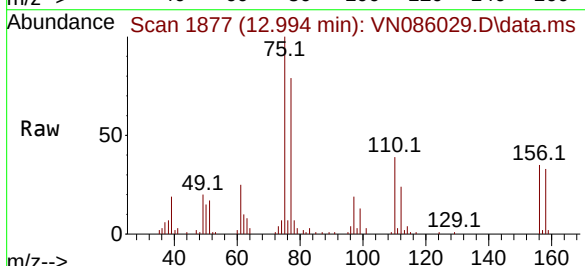
Acq: 20 Mar 2025 17:09

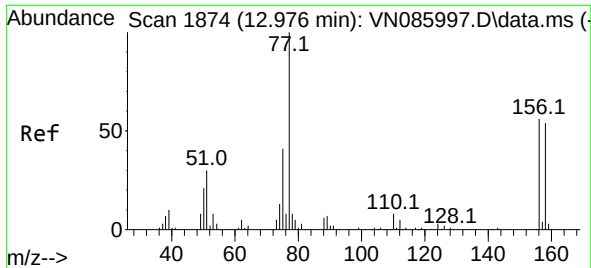
Tgt Ion: 75 Resp: 69014

Ion Ratio Lower Upper

75 100

77 129.6 83.7 251.0

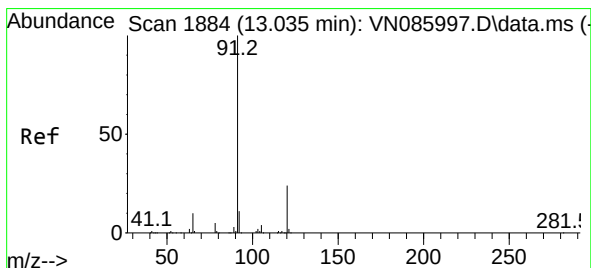
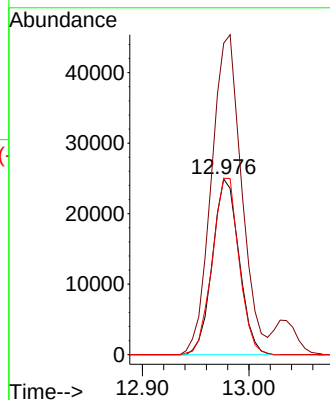
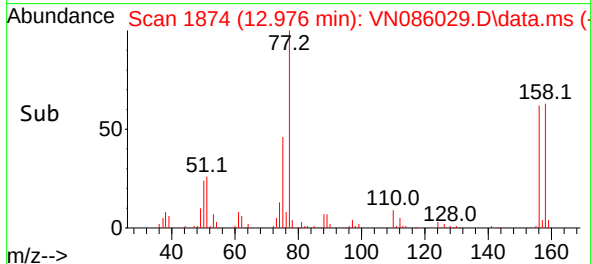
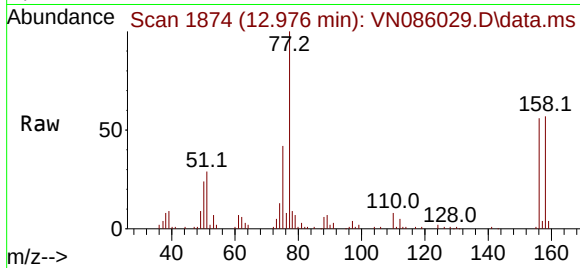




#77
Bromobenzene
Concen: 18.529 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

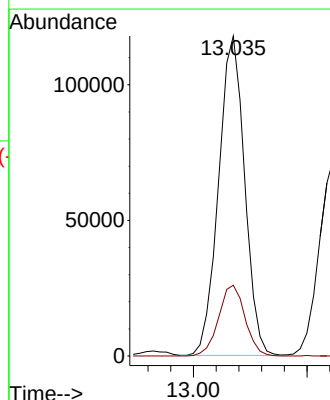
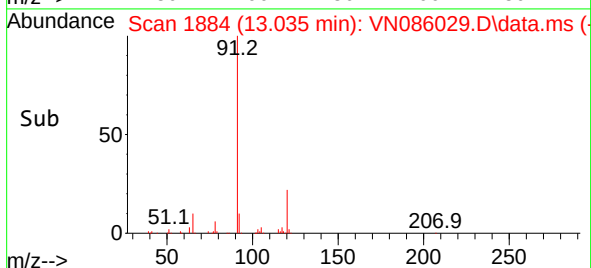
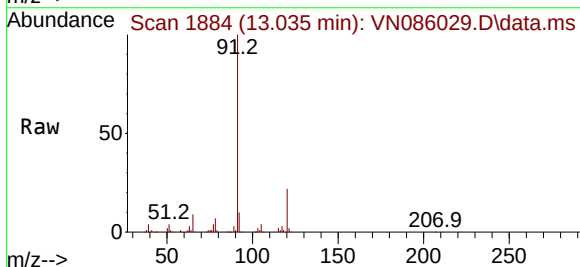
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

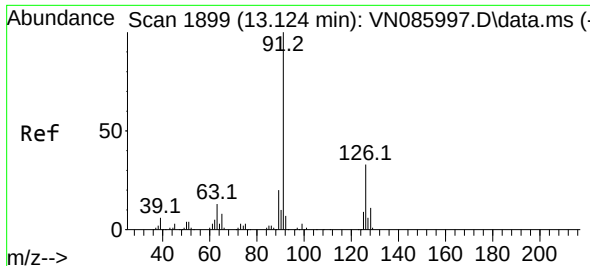
Tgt Ion:156 Resp: 43200
Ion Ratio Lower Upper
156 100
77 207.0 104.1 312.3
158 100.7 49.0 147.0



#78
n-propylbenzene
Concen: 19.790 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Tgt Ion: 91 Resp: 187372
Ion Ratio Lower Upper
91 100
120 22.4 11.7 35.0

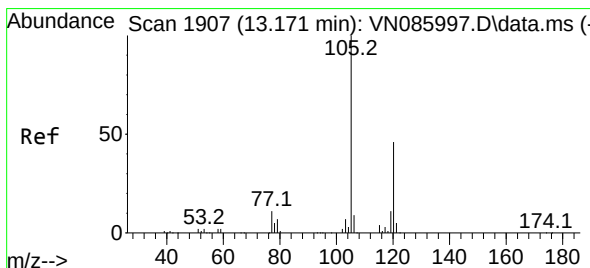
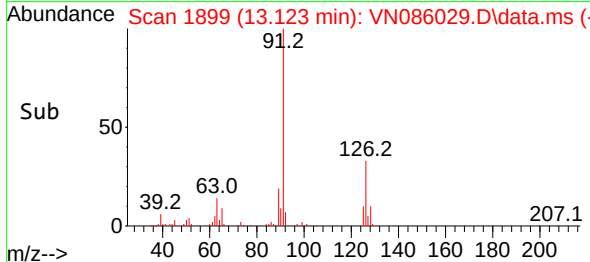
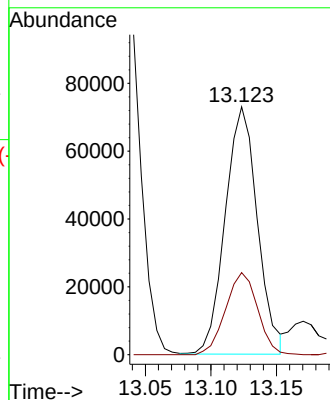
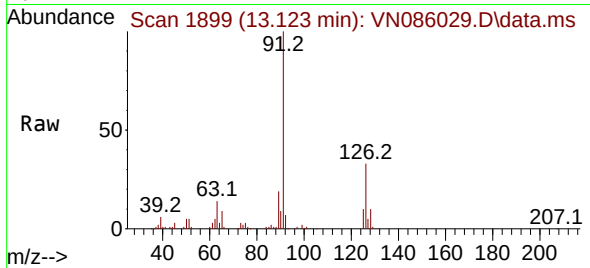




#79
2-Chlorotoluene
Concen: 19.825 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

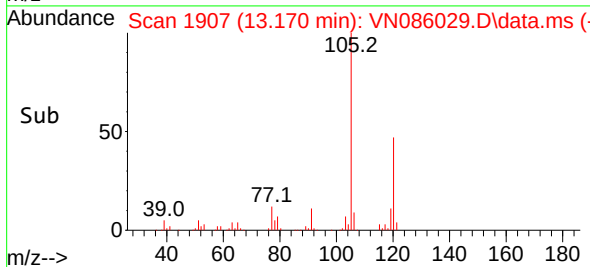
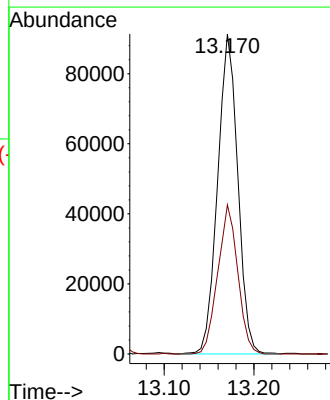
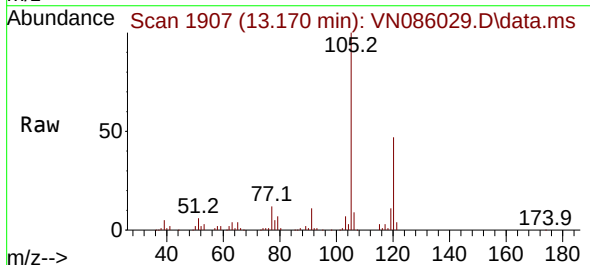
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

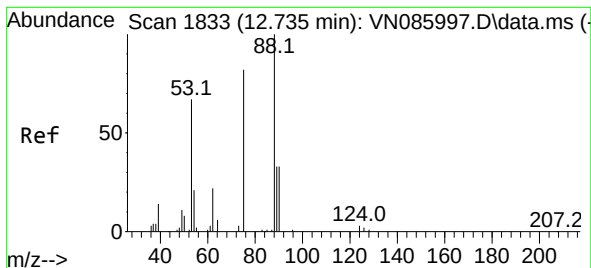
Tgt Ion: 91 Resp: 124671
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.2



#80
1,3,5-Trimethylbenzene
Concen: 20.160 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Tgt Ion: 105 Resp: 142319
Ion Ratio Lower Upper
105 100
120 46.2 23.7 71.1

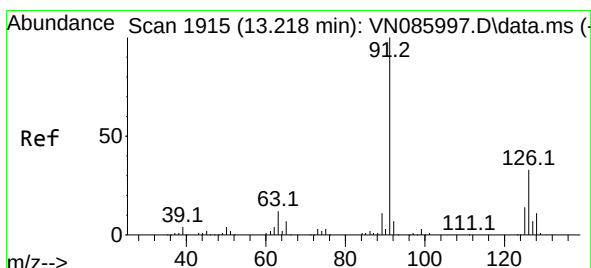
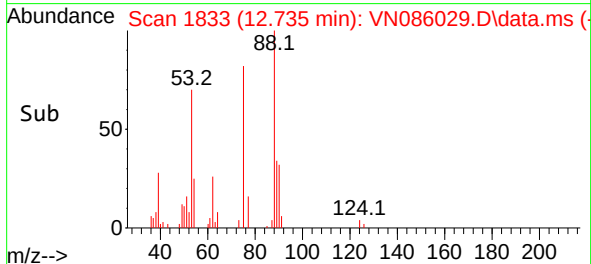
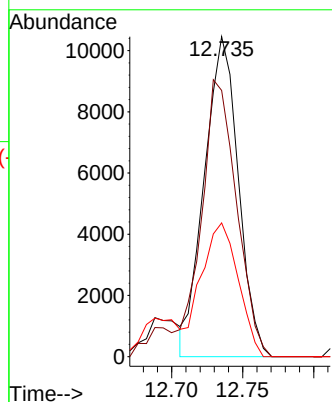
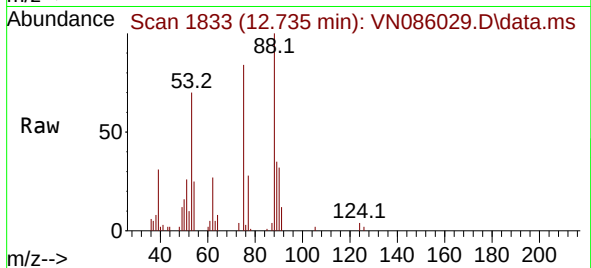




#81
trans-1,4-Dichloro-2-butene
Concen: 16.775 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

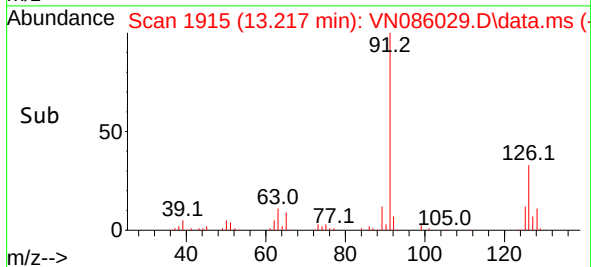
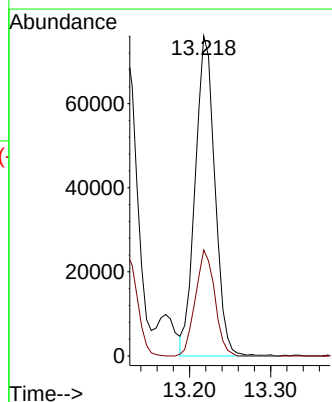
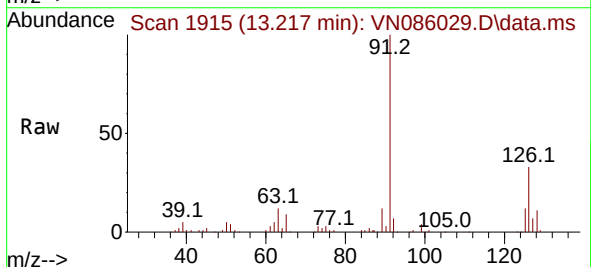
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

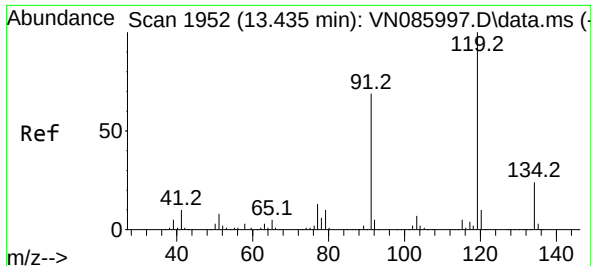
Tgt Ion:	75	Resp:	17393
Ion	Ratio	Lower	Upper
75	100		
53	97.3	66.0	99.0
89	46.0	36.9	55.3



#82
4-Chlorotoluene
Concen: 19.842 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Tgt Ion:	91	Resp:	128318
Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.1	48.2

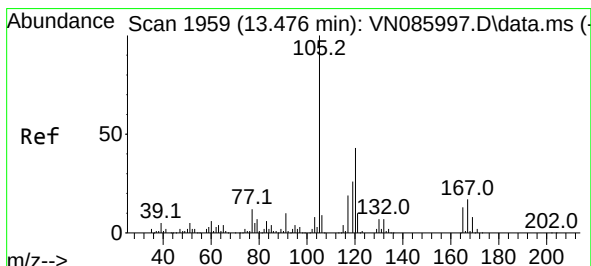
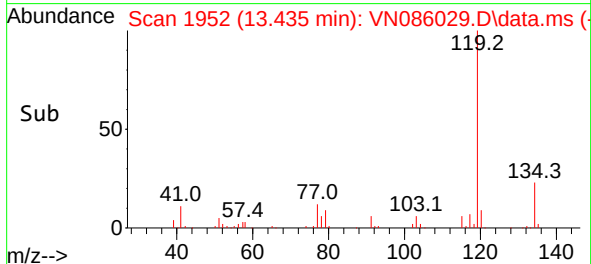
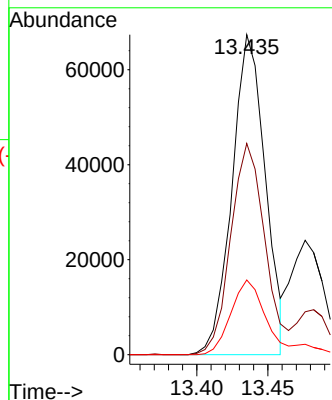
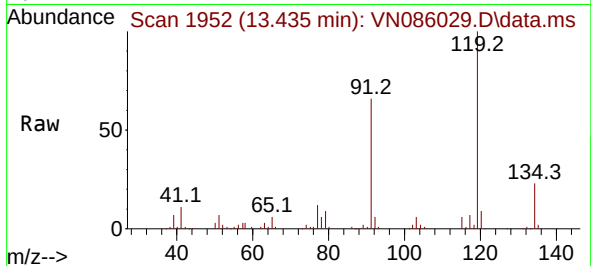




#83
tert-Butylbenzene
Concen: 18.161 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

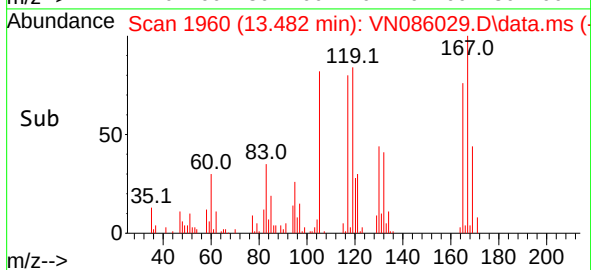
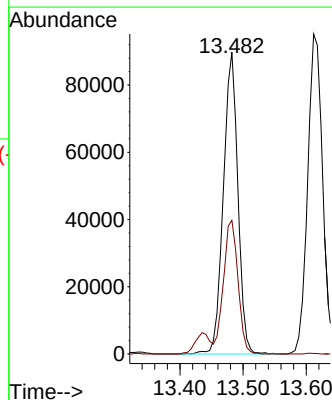
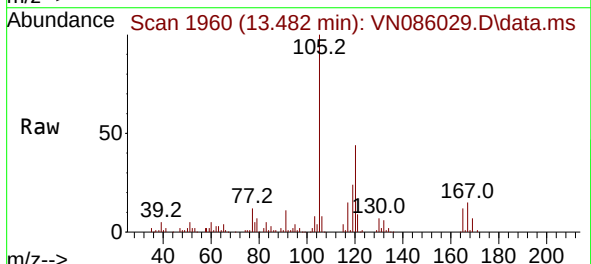
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

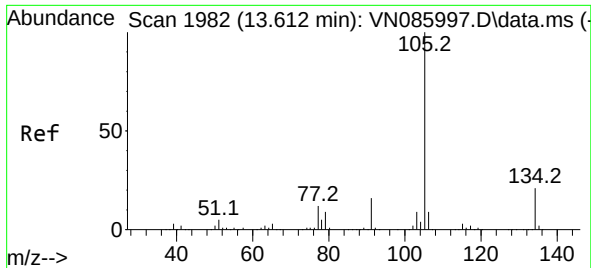
Tgt Ion:119 Resp: 109645
Ion Ratio Lower Upper
119 100
91 68.1 34.3 102.9
134 26.3 13.5 40.5



#84
1,2,4-Trimethylbenzene
Concen: 20.081 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Tgt Ion:105 Resp: 142980
Ion Ratio Lower Upper
105 100
120 44.3 21.9 65.8

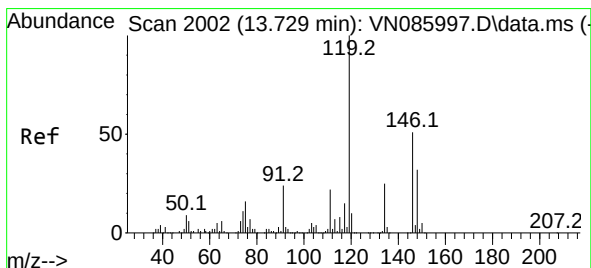
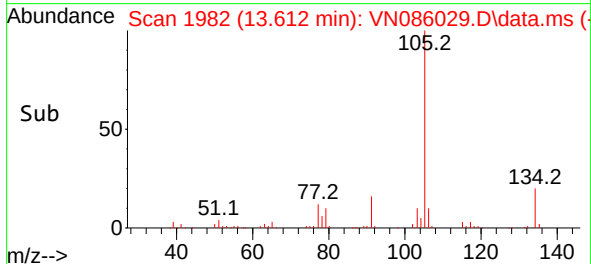
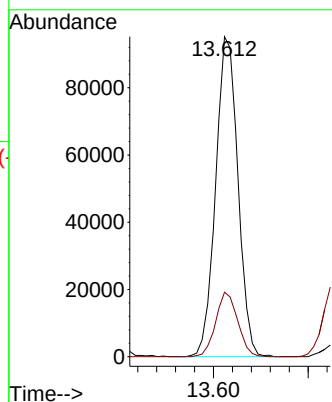
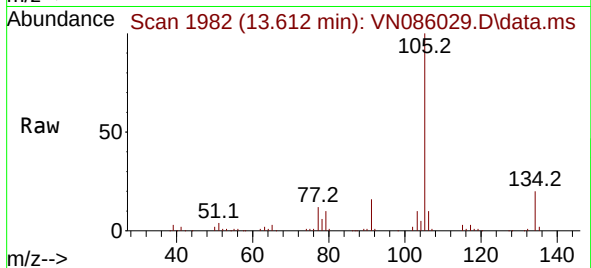




#85
 sec-Butylbenzene
 Concen: 19.717 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086029.D
 Acq: 20 Mar 2025 17:09

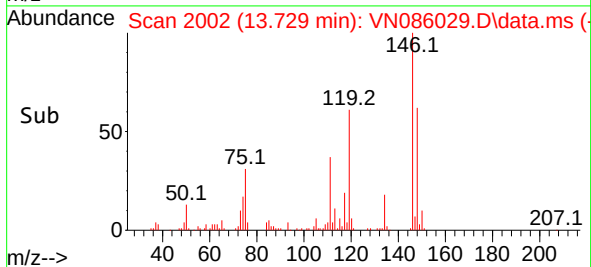
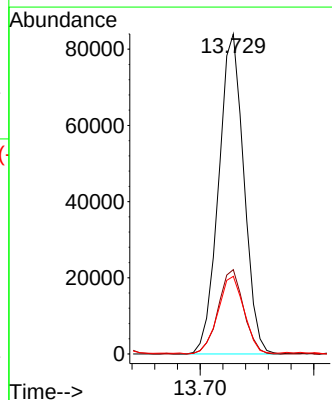
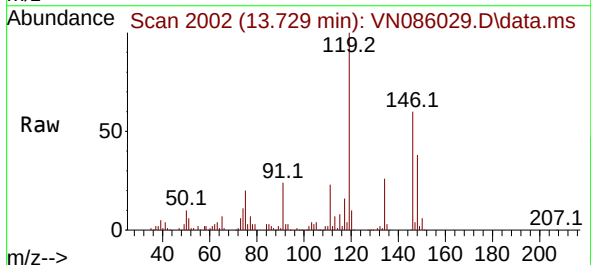
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0320WBSD01

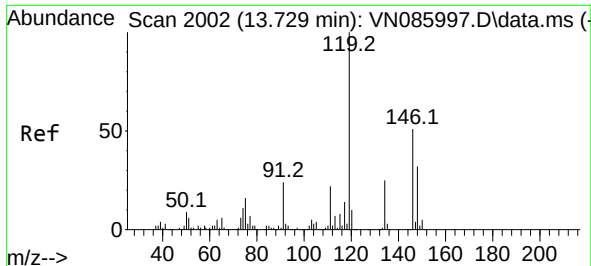
Tgt Ion:105 Resp: 155292
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 19.422 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086029.D
 Acq: 20 Mar 2025 17:09

Tgt Ion:119 Resp: 129493
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.6 37.8
 91 25.3 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 19.509 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN086029.D

Acq: 20 Mar 2025 17:09

Instrument :

MSVOA_N

ClientSampleId :

VN0320WBSD01

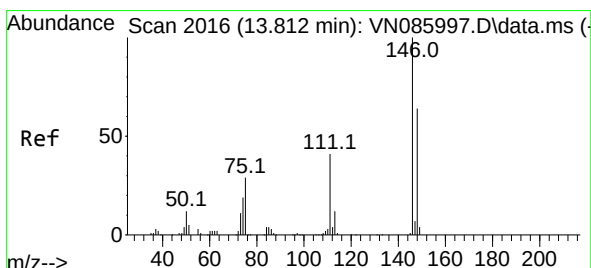
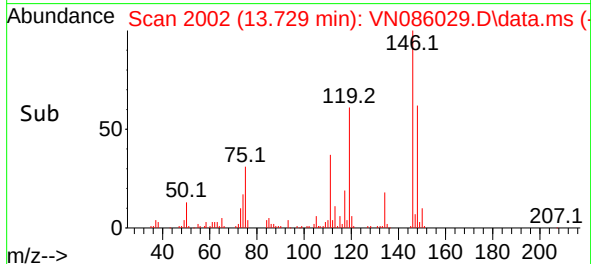
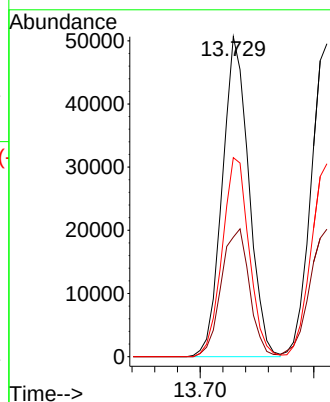
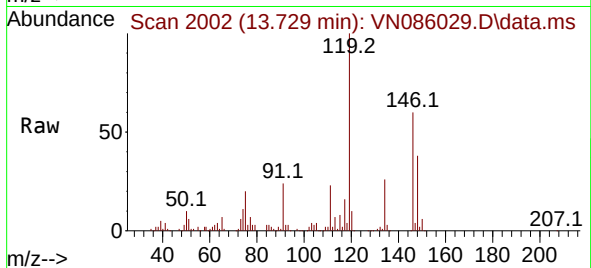
Tgt Ion:146 Resp: 81986

Ion Ratio Lower Upper

146 100

111 42.5 21.2 63.6

148 63.2 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 18.964 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN086029.D

Acq: 20 Mar 2025 17:09

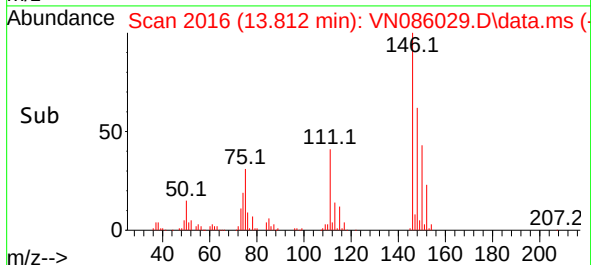
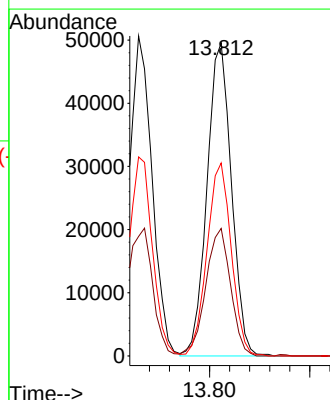
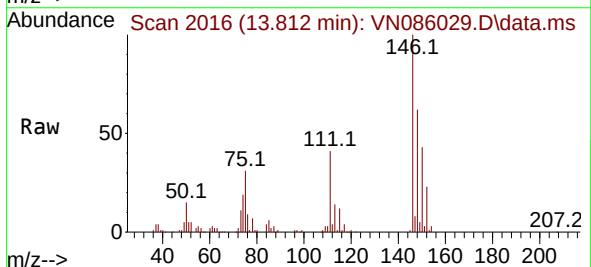
Tgt Ion:146 Resp: 83732

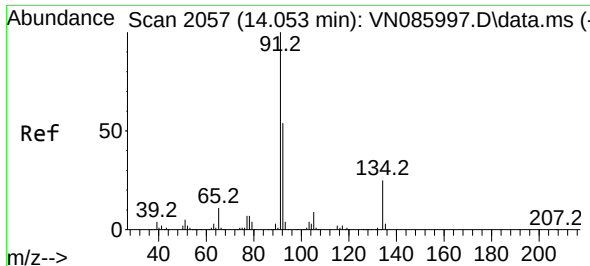
Ion Ratio Lower Upper

146 100

111 41.4 20.4 61.3

148 61.3 32.1 96.5

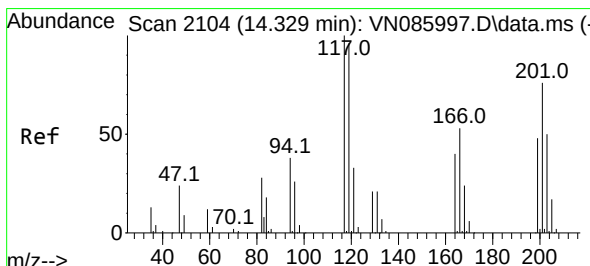
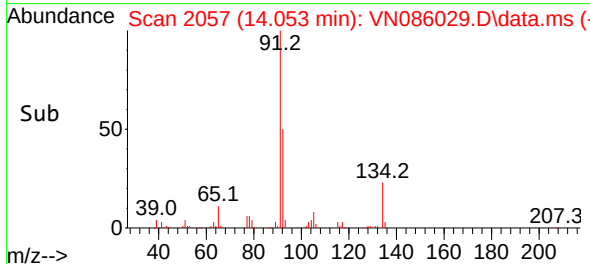
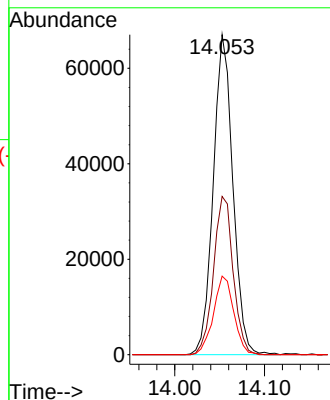
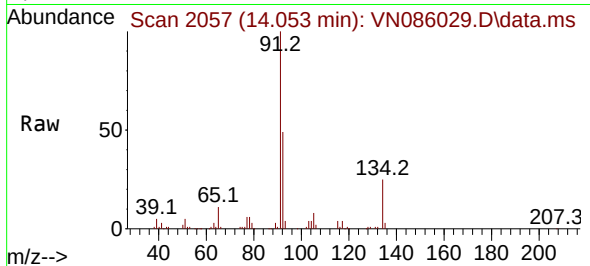




#89
n-Butylbenzene
Concen: 18.748 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

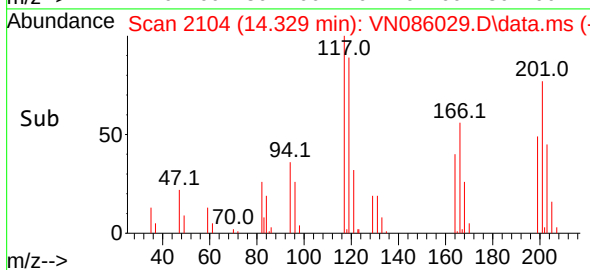
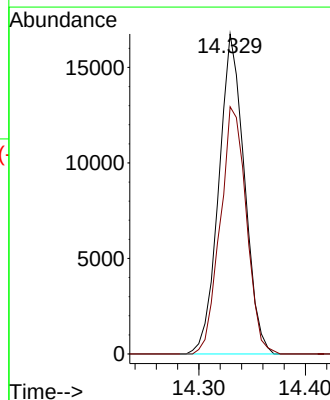
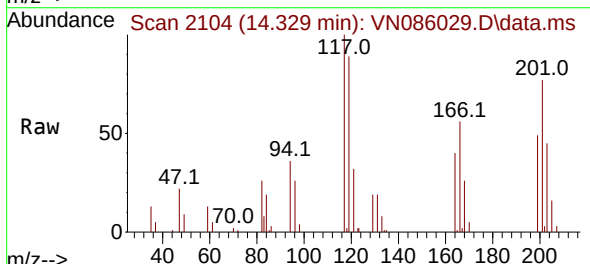
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

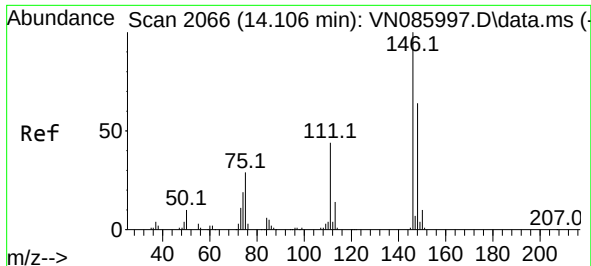
Tgt Ion: 91	Resp: 101792
Ion Ratio	Lower Upper
91 100	
92 49.5	26.9 80.6
134 25.4	13.0 39.0



#90
Hexachloroethane
Concen: 18.164 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Tgt Ion:117	Resp:	27944	
Ion	Ratio	Lower	Upper
117	100		
201	78.9	39.1	117.3

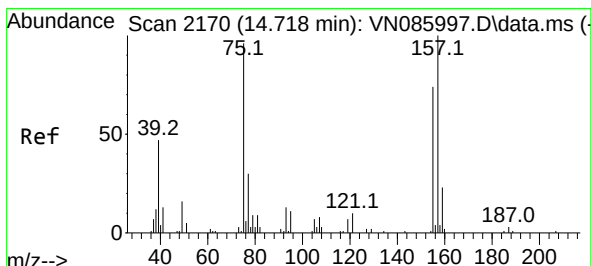
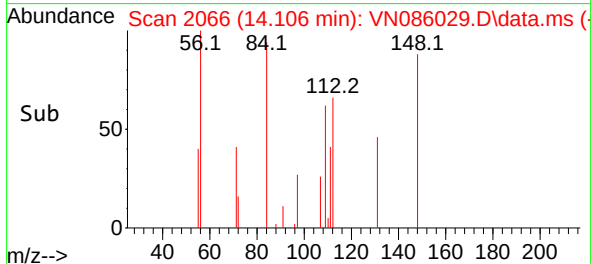
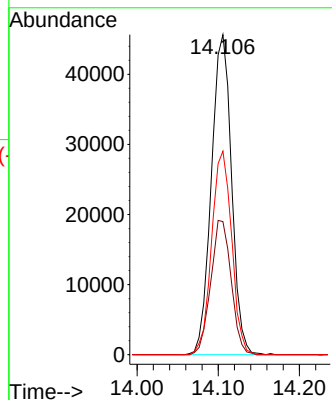
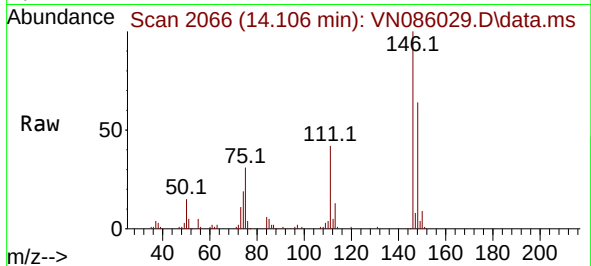




#91
1,2-Dichlorobenzene
Concen: 18.868 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

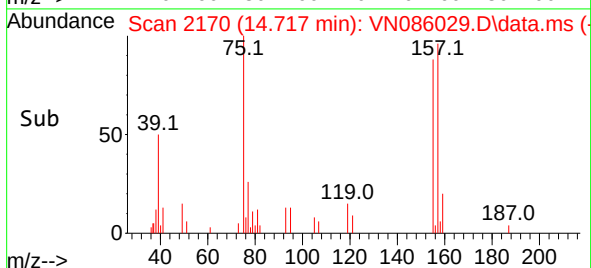
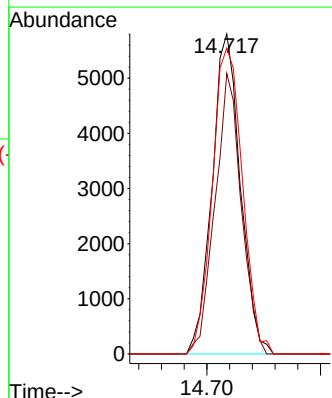
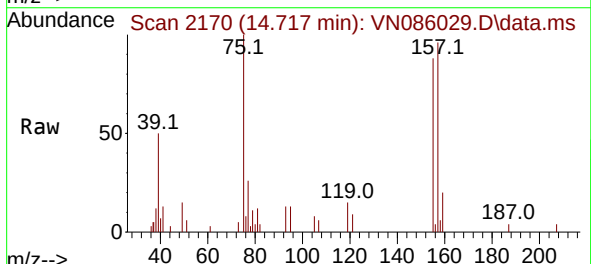
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

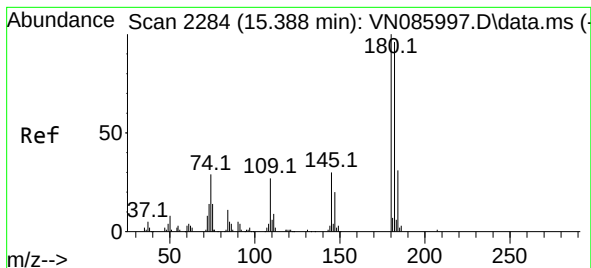
Tgt Ion:146 Resp: 78822
Ion Ratio Lower Upper
146 100
111 42.4 22.3 66.8
148 63.1 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.781 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Tgt Ion: 75 Resp: 10040
Ion Ratio Lower Upper
75 100
155 81.7 41.0 123.0
157 102.1 53.7 161.1

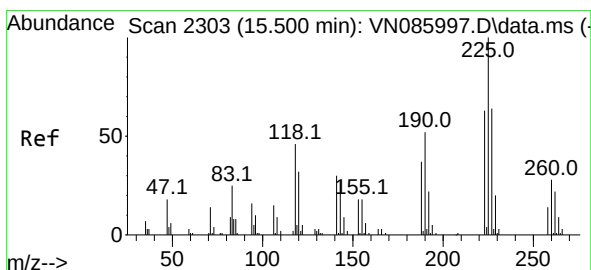
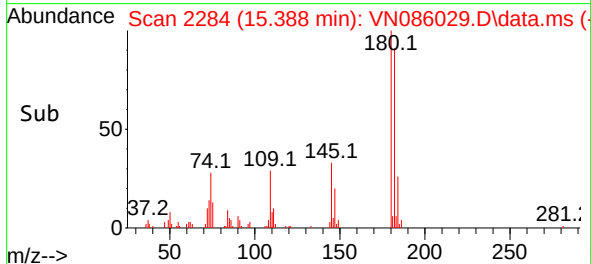
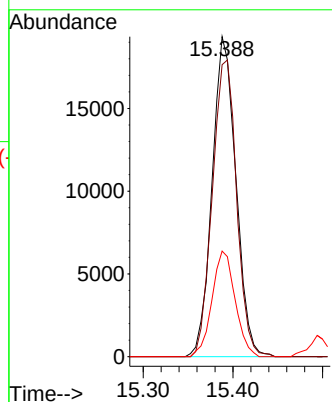
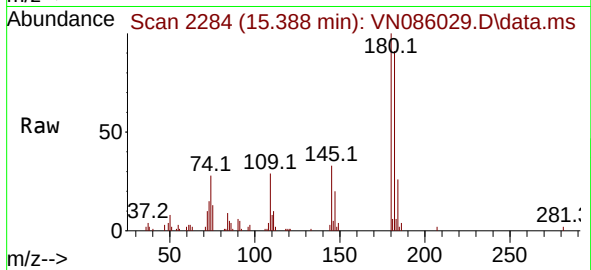




#93
1,2,4-Trichlorobenzene
Concen: 16.930 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

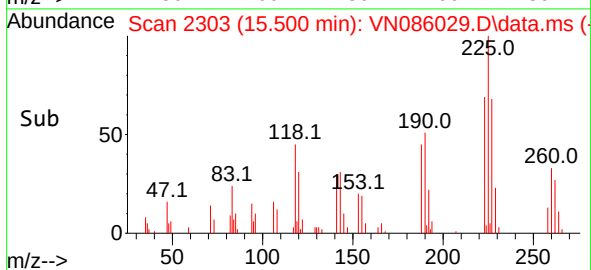
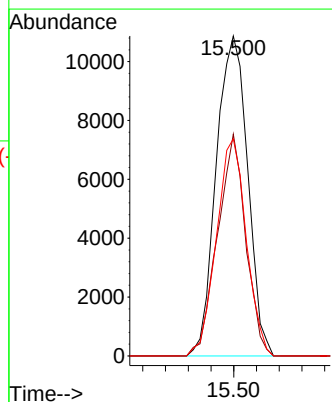
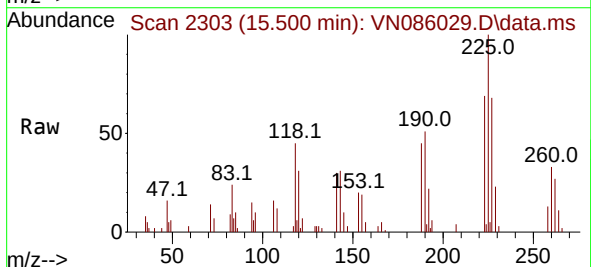
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBSD01

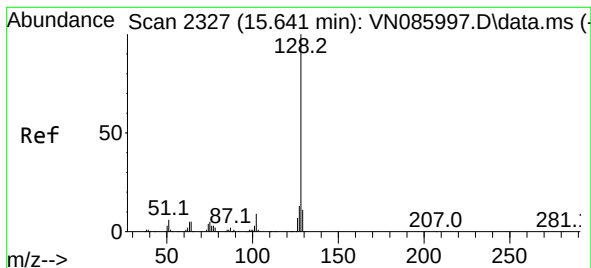
Tgt Ion:	180	Resp:	35562
Ion Ratio	Lower	Upper	
180	100		
182	94.4	47.0	141.0
145	32.1	15.5	46.5



#94
Hexachlorobutadiene
Concen: 17.100 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086029.D
Acq: 20 Mar 2025 17:09

Tgt Ion:	225	Resp:	20840
Ion Ratio	Lower	Upper	
225	100		
223	62.1	31.3	93.9
227	64.5	32.1	96.3





#95

Naphthalene

Concen: 15.174 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN086029.D

Acq: 20 Mar 2025 17:09

Instrument :

MSVOA_N

ClientSampleId :

VN0320WBSD01

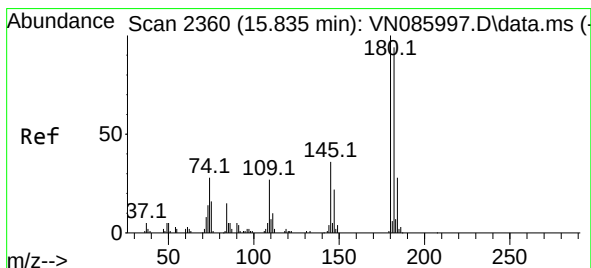
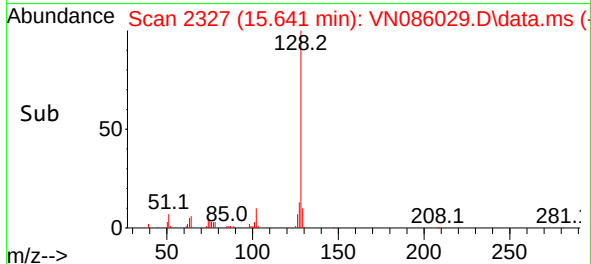
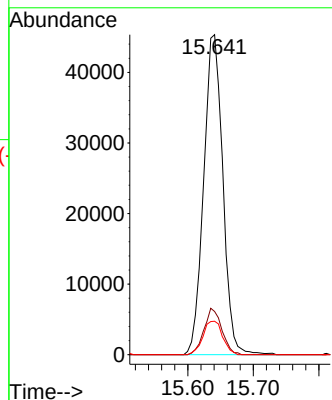
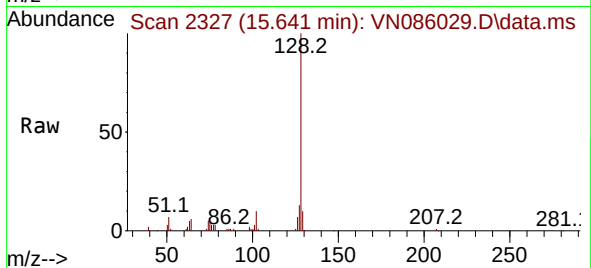
Tgt Ion:128 Resp: 92296

Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.4

129 10.8 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 17.802 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN086029.D

Acq: 20 Mar 2025 17:09

Tgt Ion:180 Resp: 35483

Ion Ratio Lower Upper

180 100

182 93.8 47.5 142.5

145 33.9 17.7 53.1

