

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081125\
 Data File : VW032053.D
 Acq On : 11 Aug 2025 09:09
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC010

Quant Time: Aug 12 03:37:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 03:34:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	225221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	426784	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	385631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	181281	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	33671	10.337	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	20.680%#
35) Dibromofluoromethane	7.904	113	27978	10.147	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	20.300%#
50) Toluene-d8	10.331	98	100702	9.875	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	19.740%#
62) 4-Bromofluorobenzene	12.617	95	36748	9.778	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	19.560%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.039	85	17258	10.714	ug/l	99
3) Chloromethane	2.253	50	21693	9.998	ug/l	91
4) Vinyl Chloride	2.405	62	27978	10.660	ug/l	92
5) Bromomethane	2.826	94	20345	10.332	ug/l	93
6) Chloroethane	2.966	64	17509	10.081	ug/l	98
7) Trichlorofluoromethane	3.301	101	19623	9.333	ug/l	99
8) Diethyl Ether	3.716	74	17227	10.000	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.100	101	25491	10.276	ug/l	99
10) Methyl Iodide	4.301	142	35515	10.098	ug/l	98
11) Tert butyl alcohol	5.228	59	10754	50.985	ug/l	98
12) 1,1-Dichloroethene	4.082	96	27944	10.231	ug/l	99
13) Acrolein	3.929	56	18650	55.493	ug/l	94
14) Allyl chloride	4.704	41	39114	9.839	ug/l	100
15) Acrylonitrile	5.405	53	42536	51.842	ug/l	100
16) Acetone	4.161	43	40816	54.122	ug/l	99
17) Carbon Disulfide	4.423	76	72806	9.931	ug/l	97
18) Methyl Acetate	4.716	43	27191	11.394	ug/l	99
19) Methyl tert-butyl Ether	5.460	73	47872	9.947	ug/l	97
20) Methylene Chloride	4.960	84	35462	10.170	ug/l	95
21) trans-1,2-Dichloroethene	5.454	96	28875	9.962	ug/l	93
22) Diisopropyl ether	6.344	45	84045	10.029	ug/l	97
23) Vinyl Acetate	6.283	43	259050	47.081	ug/l	99
24) 1,1-Dichloroethane	6.240	63	54051	10.095	ug/l	98
25) 2-Butanone	7.197	43	54327	50.685	ug/l	98
26) 2,2-Dichloropropane	7.185	77	27463	10.224	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	33173	9.791	ug/l	99
28) Bromochloromethane	7.532	49	24412	10.019	ug/l	99
29) Tetrahydrofuran	7.557	42	35909	50.800	ug/l	99
30) Chloroform	7.697	83	57170	10.071	ug/l	99
31) Cyclohexane	7.971	56	48633	10.477	ug/l #	95
32) 1,1,1-Trichloroethane	7.886	97	42747	10.368	ug/l	97
36) 1,1-Dichloropropene	8.093	75	38994	10.032	ug/l	99
37) Ethyl Acetate	7.276	43	23053	10.070	ug/l	96
38) Carbon Tetrachloride	8.081	117	37535	10.007	ug/l	91
39) Methylcyclohexane	9.343	83	46100	9.731	ug/l	96
40) Benzene	8.337	78	121462	10.053	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	11729	9.035	ug/l #	90
42) 1,2-Dichloroethane	8.410	62	39882	10.316	ug/l	100
43) Isopropyl Acetate	8.435	43	41036	9.743	ug/l	98
44) Trichloroethene	9.105	130	28498	9.905	ug/l	99
45) 1,2-Dichloropropane	9.374	63	29199	10.004	ug/l	98
46) Dibromomethane	9.471	93	18653	9.901	ug/l	98
47) Bromodichloromethane	9.654	83	42618	9.818	ug/l	98
48) Methyl methacrylate	9.441	41	19654	9.666	ug/l	98
49) 1,4-Dioxane	9.465	88	4684	192.302	ug/l	99
51) 4-Methyl-2-Pentanone	10.215	43	121419	51.075	ug/l	99
52) Toluene	10.392	92	75250	9.888	ug/l	100
53) t-1,3-Dichloropropene	10.605	75	38397	9.441	ug/l	96
54) cis-1,3-Dichloropropene	10.075	75	44031	9.543	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	25277	10.097	ug/l	96
56) Ethyl methacrylate	10.648	69	31022	9.260	ug/l	97
57) 1,3-Dichloropropane	10.934	76	44743	10.254	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	88627	47.830	ug/l	100
59) 2-Hexanone	10.971	43	82830	50.310	ug/l	97
60) Dibromochloromethane	11.129	129	27954	9.776	ug/l	100
61) 1,2-Dibromoethane	11.239	107	24146	9.926	ug/l	99
64) Tetrachloroethene	10.867	164	23235	10.431	ug/l	90
65) Chlorobenzene	11.660	112	86096	10.257	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.733	131	26286	10.037	ug/l	97
67) Ethyl Benzene	11.733	91	139254	9.794	ug/l	98
68) m/p-Xylenes	11.837	106	108990	19.866	ug/l	98
69) o-Xylene	12.166	106	49259	9.714	ug/l	97
70) Styrene	12.184	104	87542	9.719	ug/l	99
71) Bromoform	12.349	173	14547	9.711	ug/l #	97
73) Isopropylbenzene	12.464	105	125246	9.886	ug/l	98
74) N-amyl acetate	12.269	43	35636	9.804	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.714	83	31581	10.499	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	39515	14.180	ug/l	58
77) Bromobenzene	12.745	156	31656	10.462	ug/l	98
78) n-propylbenzene	12.800	91	156266	10.019	ug/l	98
79) 2-Chlorotoluene	12.891	91	96942	10.071	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	108123	10.053	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.513	75	8936	9.403	ug/l	90
82) 4-Chlorotoluene	12.989	91	103329	10.103	ug/l	100
83) tert-Butylbenzene	13.202	119	86848	9.729	ug/l	100
84) 1,2,4-Trimethylbenzene	13.245	105	110697	10.110	ug/l	99
85) sec-Butylbenzene	13.379	105	131663	9.756	ug/l	98
86) p-Isopropyltoluene	13.495	119	110557	9.827	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	62383	10.361	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	62843	10.328	ug/l	98
89) n-Butylbenzene	13.818	91	108004	9.881	ug/l	99
90) Hexachloroethane	14.086	117	20175	9.805	ug/l	96
91) 1,2-Dichlorobenzene	13.867	146	56501	10.359	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.482	75	5305	9.920	ug/l	95
93) 1,2,4-Trichlorobenzene	15.129	180	31816	9.751	ug/l	97
94) Hexachlorobutadiene	15.232	225	14987	10.276	ug/l	98
95) Naphthalene	15.360	128	76287	9.542	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	28678	9.660	ug/l	99

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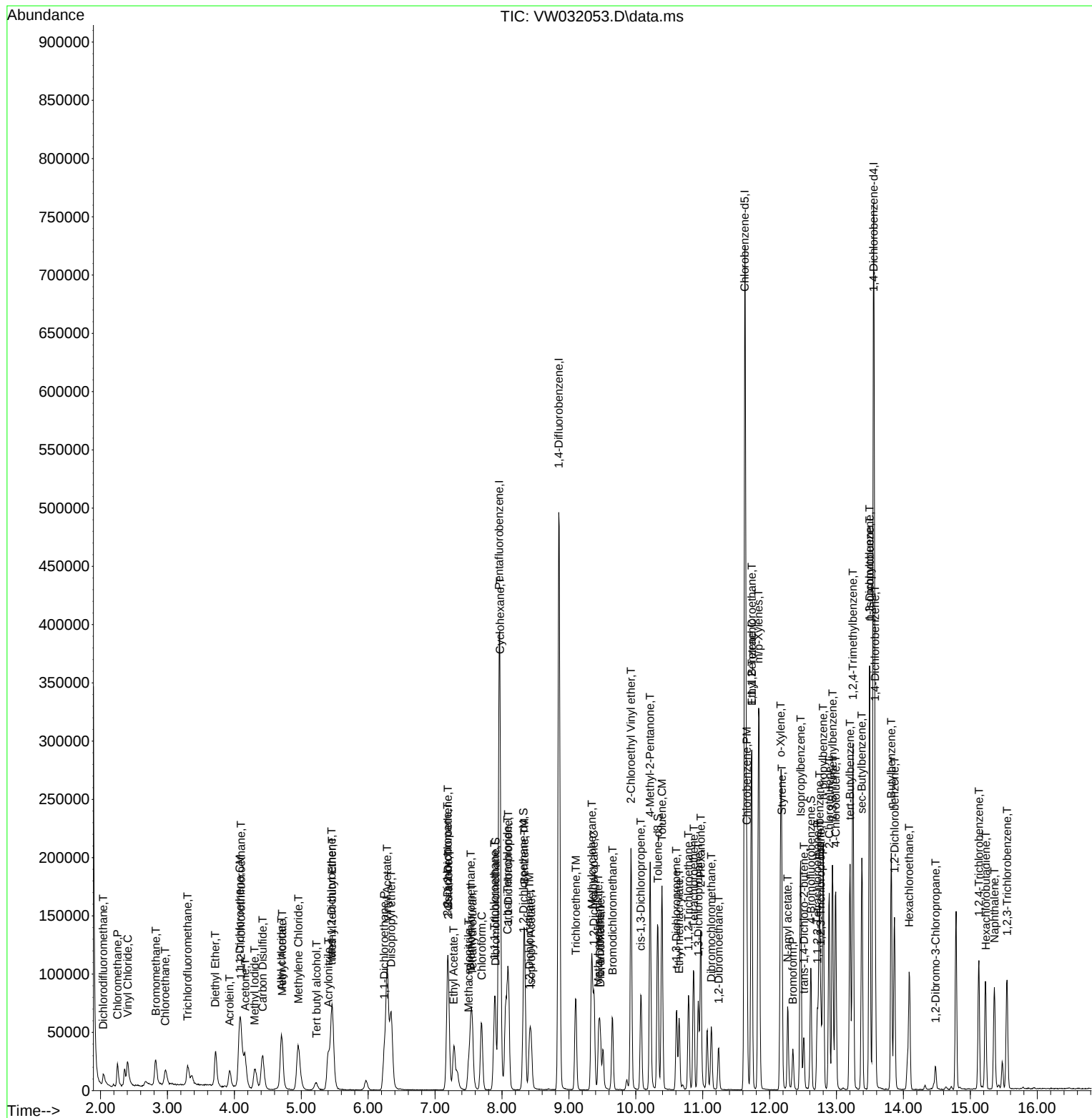
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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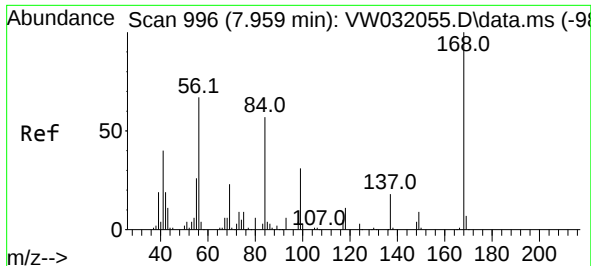
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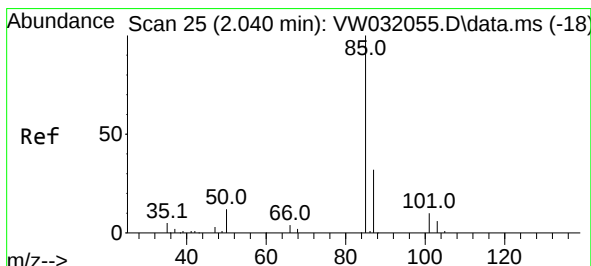
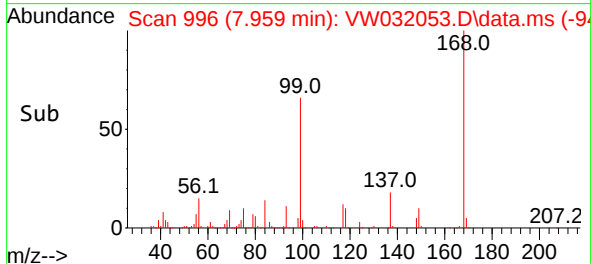
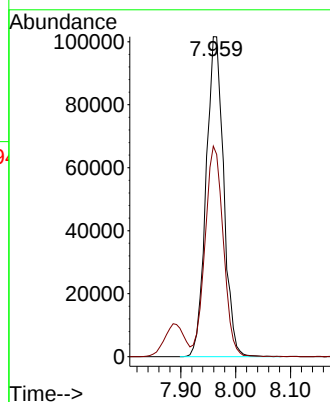
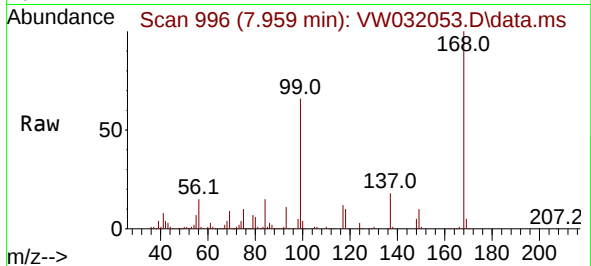




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
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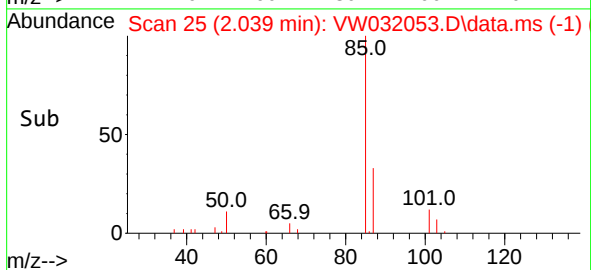
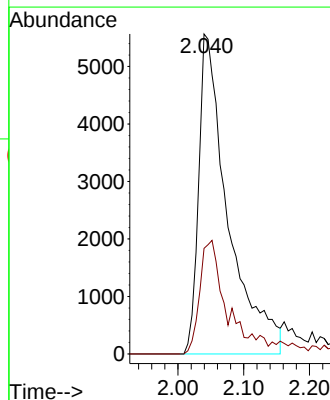
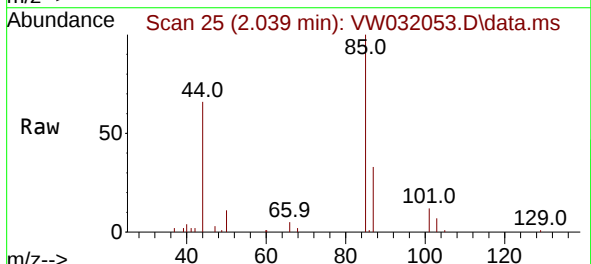
Instrument :
MSVOA_W
ClientSampleId :
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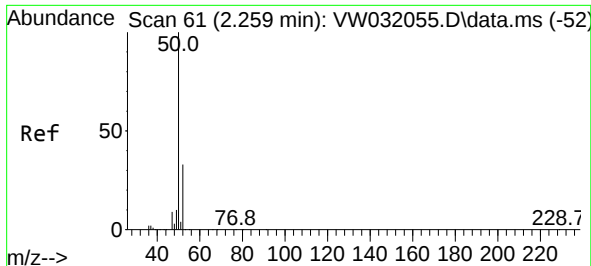
Tgt Ion:168 Resp: 225221
Ion Ratio Lower Upper
168 100
99 65.7 56.0 84.0



#2
Dichlorodifluoromethane
Concen: 10.714 ug/l
RT: 2.039 min Scan# 25
Delta R.T. -0.000 min
Lab File: VW032053.D
Acq: 11 Aug 2025 09:09

Tgt Ion: 85 Resp: 17258
Ion Ratio Lower Upper
85 100
87 33.0 16.2 48.6

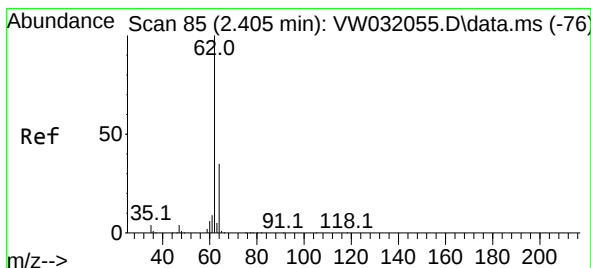
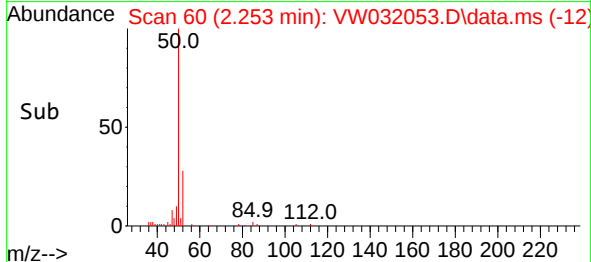
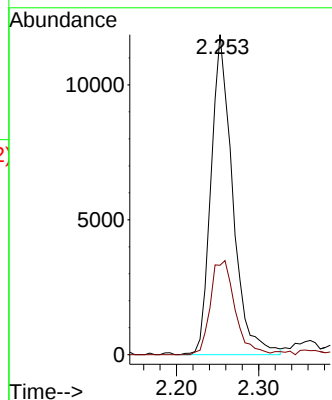
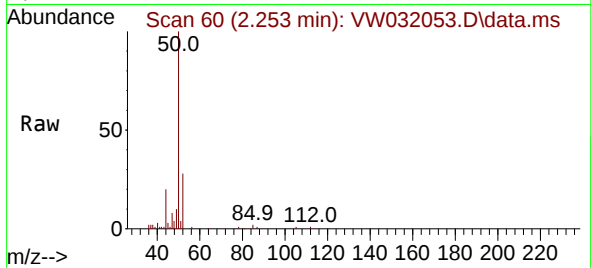




#3
Chloromethane
Concen: 9.998 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.006 min
Lab File: VW032053.D
Acq: 11 Aug 2025 09:09

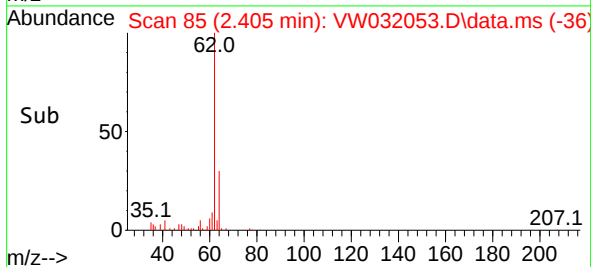
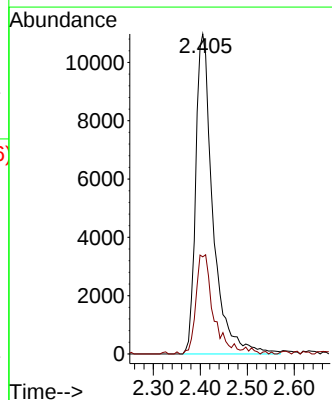
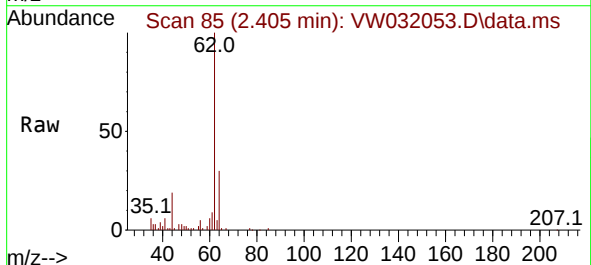
Instrument :
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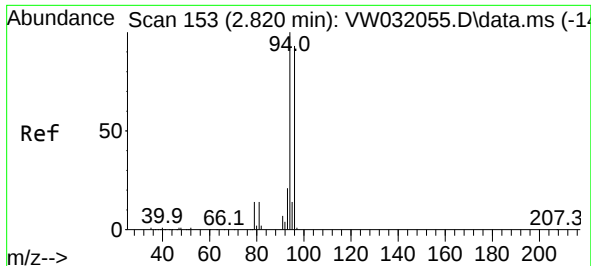
Tgt Ion: 50 Resp: 21693
Ion Ratio Lower Upper
50 100
52 27.9 26.6 39.8



#4
Vinyl Chloride
Concen: 10.660 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032053.D
Acq: 11 Aug 2025 09:09

Tgt Ion: 62 Resp: 27978
Ion Ratio Lower Upper
62 100
64 30.3 27.8 41.6

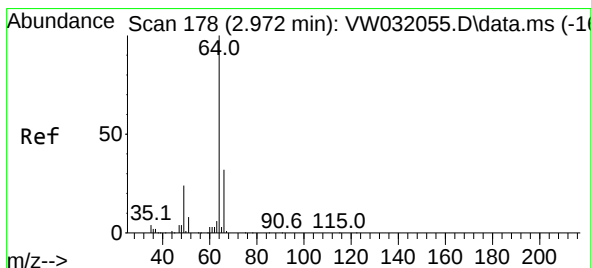
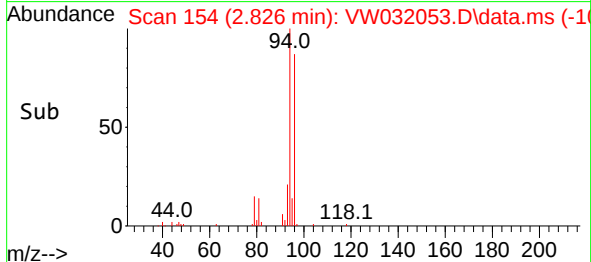
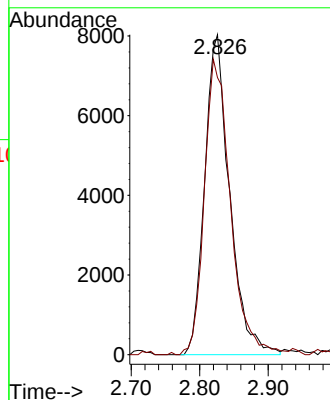
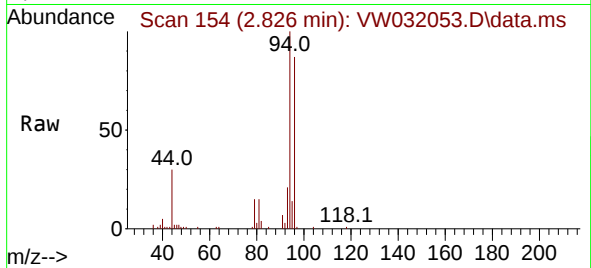




#5
Bromomethane
Concen: 10.332 ug/l
RT: 2.826 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032053.D
Acq: 11 Aug 2025 09:09

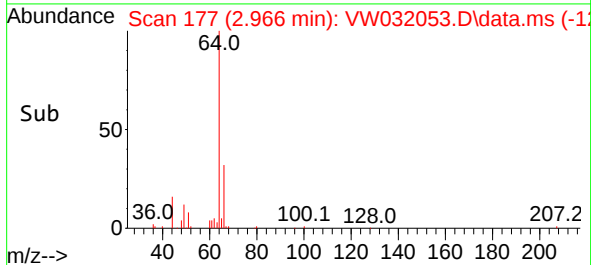
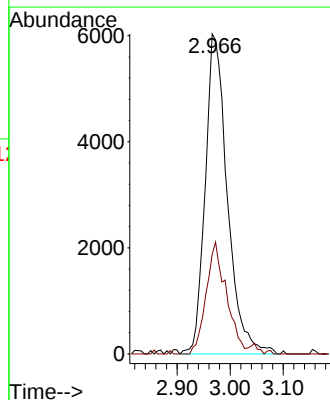
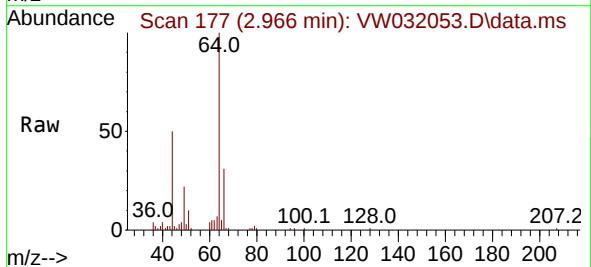
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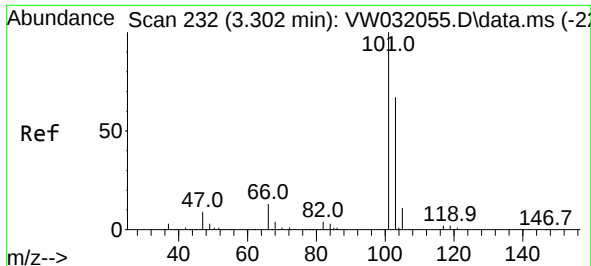
Tgt Ion: 94 Resp: 20345
Ion Ratio Lower Upper
94 100
96 86.6 74.7 112.1



#6
Chloroethane
Concen: 10.081 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032053.D
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Tgt Ion: 64 Resp: 17509
Ion Ratio Lower Upper
64 100
66 31.2 26.0 39.0

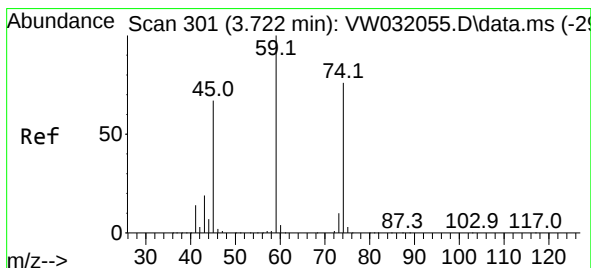
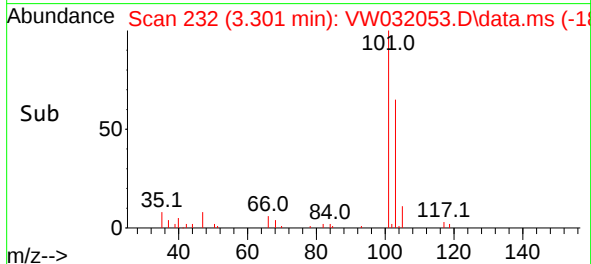
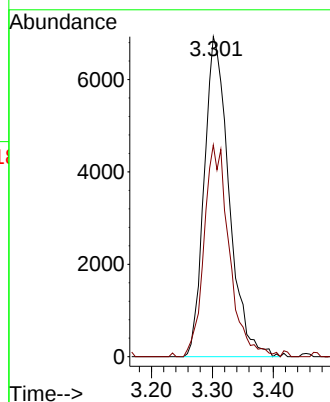
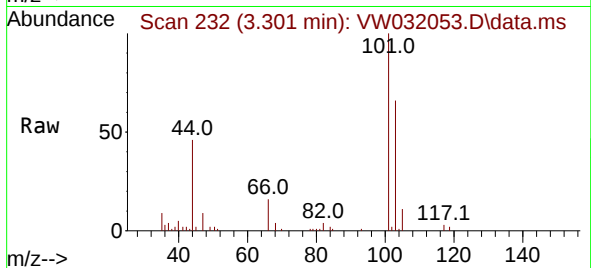




#7
 Trichlorofluoromethane
 Concen: 9.333 ug/l
 RT: 3.301 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW032053.D
 Acq: 11 Aug 2025 09:09

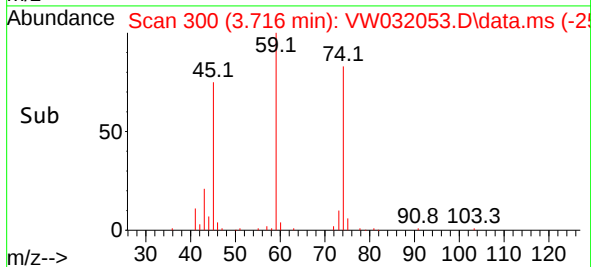
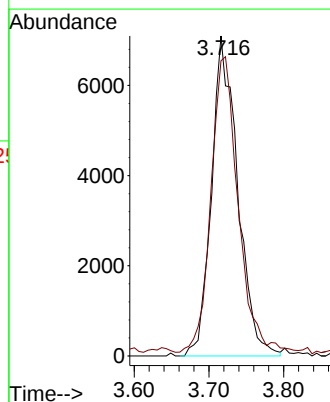
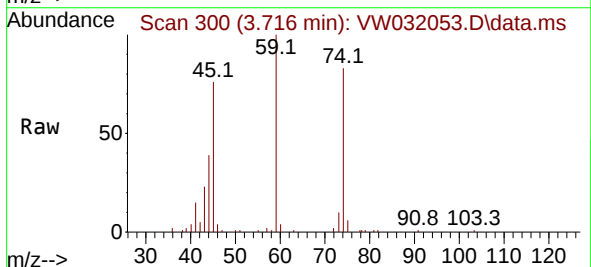
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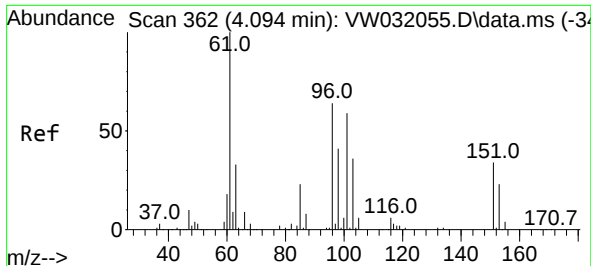
Tgt Ion:101 Resp: 19623
 Ion Ratio Lower Upper
 101 100
 103 66.2 53.4 80.0



#8
 Diethyl Ether
 Concen: 10.000 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 17227
 Ion Ratio Lower Upper
 74 100
 45 95.9 45.4 136.2

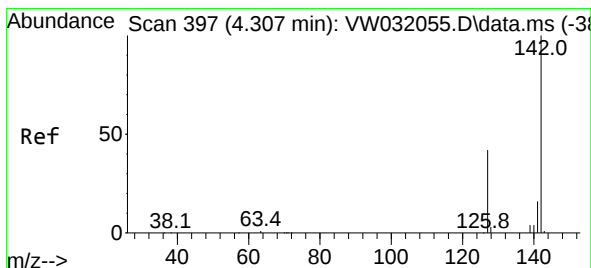
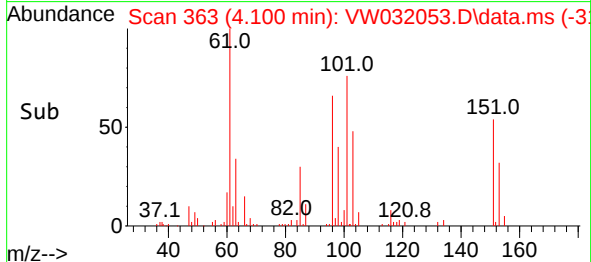
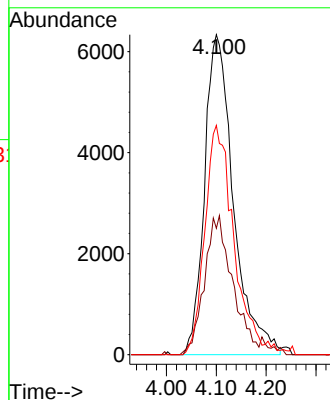
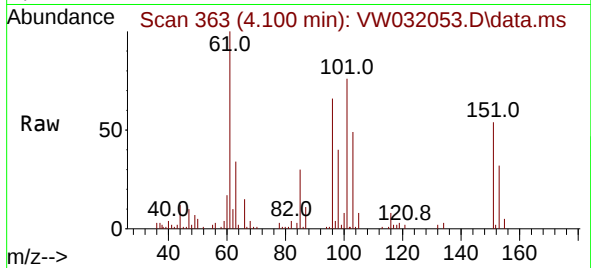




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.276 ug/l
RT: 4.100 min Scan# 363
Delta R.T. 0.006 min
Lab File: VW032053.D
Acq: 11 Aug 2025 09:09

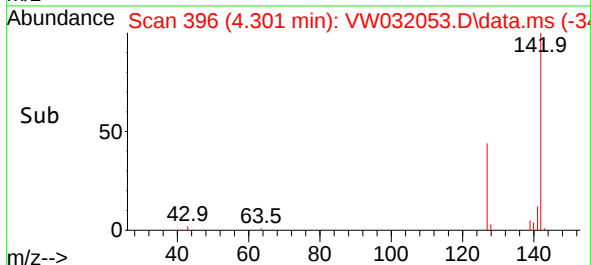
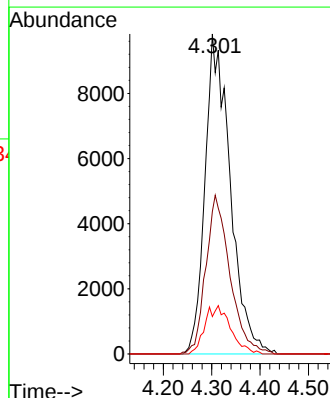
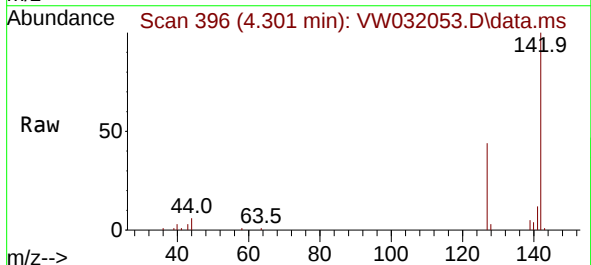
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

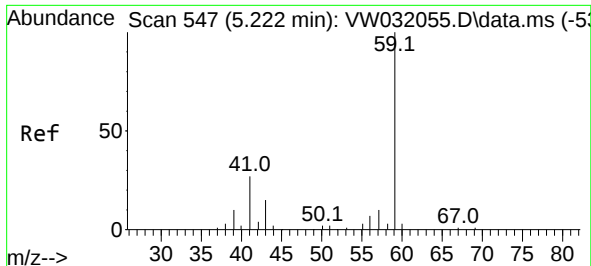
Tgt Ion:101 Resp: 25491
Ion Ratio Lower Upper
101 100
85 42.4 34.9 52.3
151 70.9 56.2 84.4



#10
Methyl Iodide
Concen: 10.098 ug/l
RT: 4.301 min Scan# 396
Delta R.T. -0.006 min
Lab File: VW032053.D
Acq: 11 Aug 2025 09:09

Tgt Ion:142 Resp: 35515
Ion Ratio Lower Upper
142 100
127 47.6 36.6 55.0
141 15.4 12.1 18.1

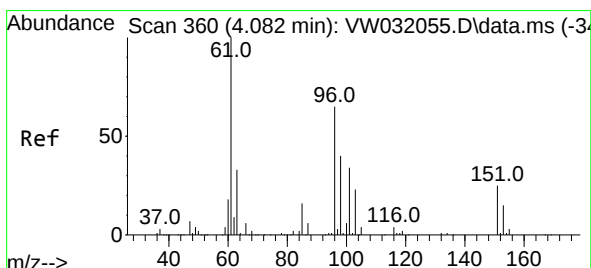
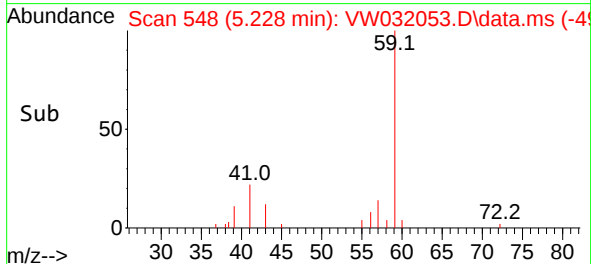
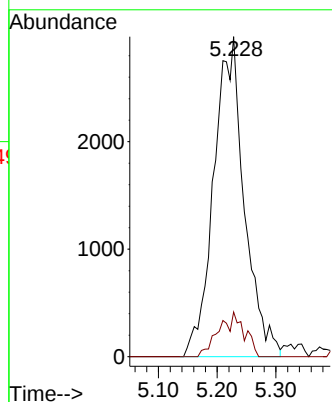
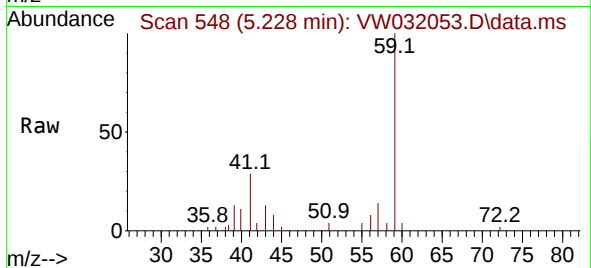




#11
Tert butyl alcohol
Concen: 50.985 ug/l
RT: 5.228 min Scan# 547
Delta R.T. 0.006 min
Lab File: VW032053.D
Acq: 11 Aug 2025 09:09

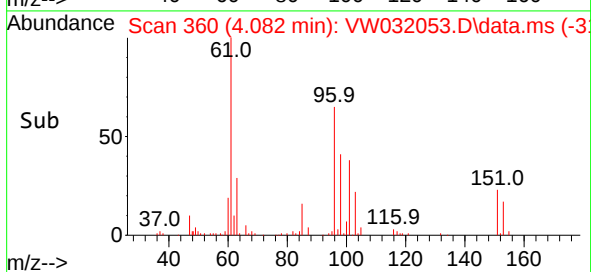
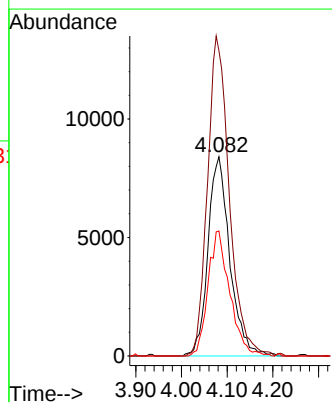
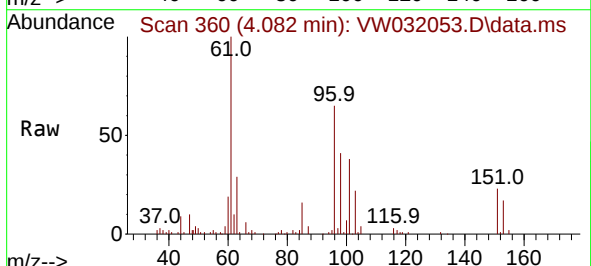
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

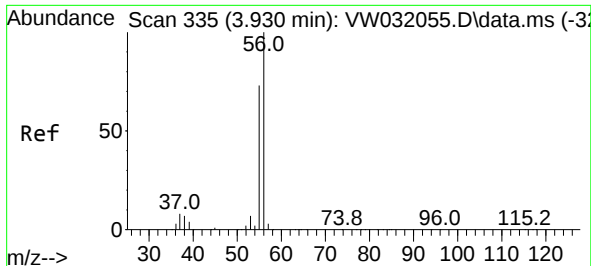
Tgt Ion: 59 Resp: 10754
Ion Ratio Lower Upper
59 100
57 11.7 8.7 13.1



#12
1,1-Dichloroethene
Concen: 10.231 ug/l
RT: 4.082 min Scan# 360
Delta R.T. -0.000 min
Lab File: VW032053.D
Acq: 11 Aug 2025 09:09

Tgt Ion: 96 Resp: 27944
Ion Ratio Lower Upper
96 100
61 153.3 123.4 185.2
98 62.7 49.5 74.3

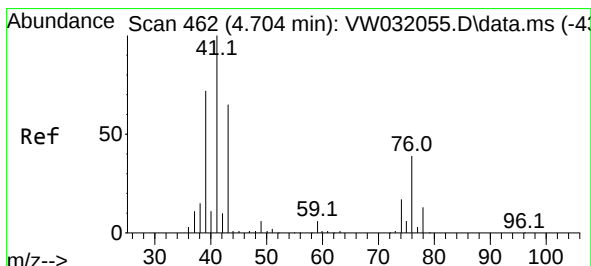
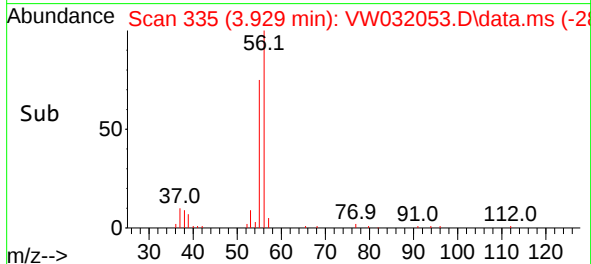
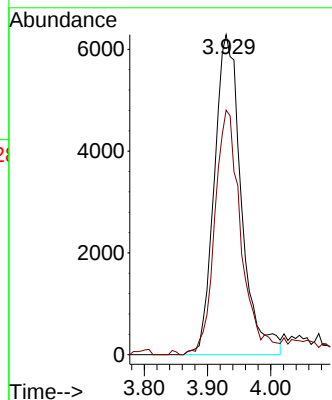
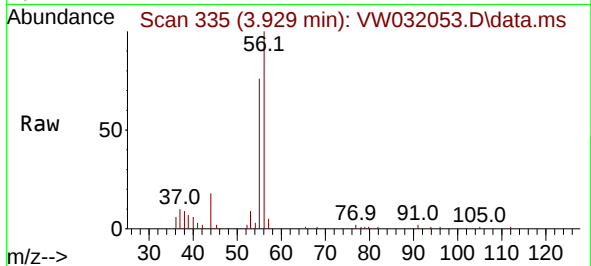




#13
Acrolein
Concen: 55.493 ug/l
RT: 3.929 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW032053.D
Acq: 11 Aug 2025 09:09

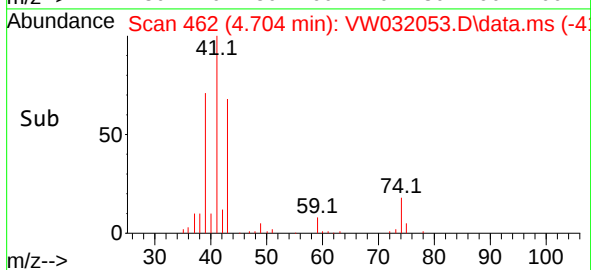
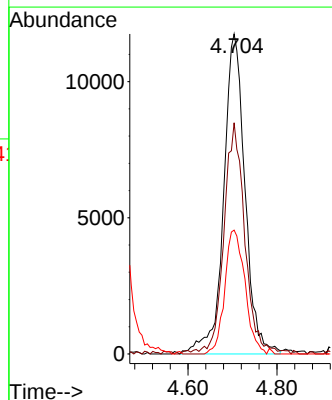
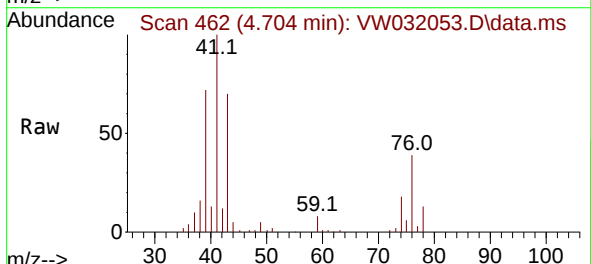
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

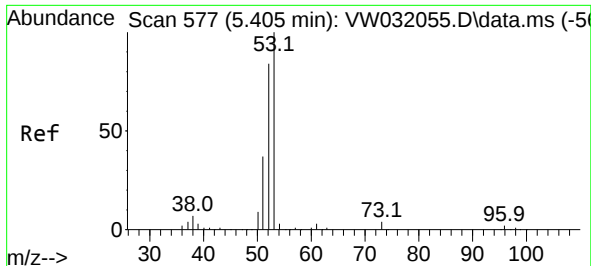
Tgt Ion: 56 Resp: 18650
Ion Ratio Lower Upper
56 100
55 74.5 55.4 83.2



#14
Allyl chloride
Concen: 9.839 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.000 min
Lab File: VW032053.D
Acq: 11 Aug 2025 09:09

Tgt Ion: 41 Resp: 39114
Ion Ratio Lower Upper
41 100
39 68.2 54.5 81.7
76 36.6 29.3 43.9

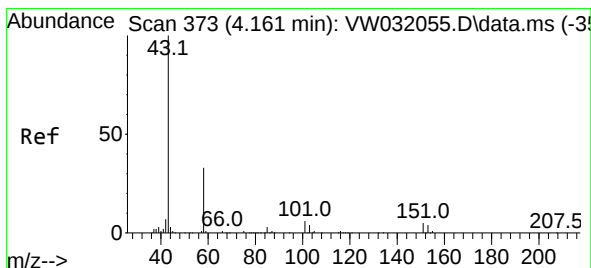
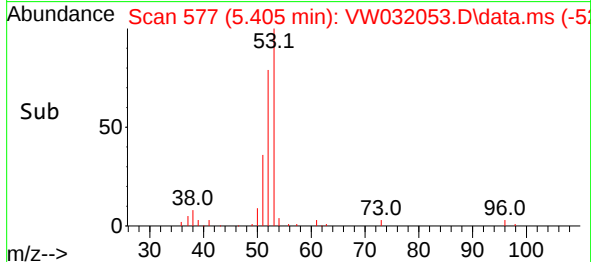
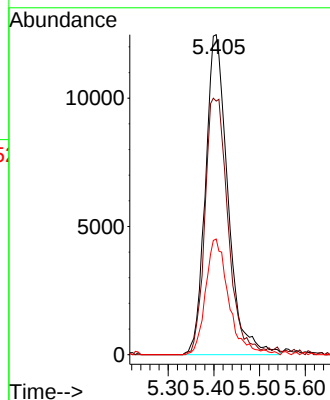
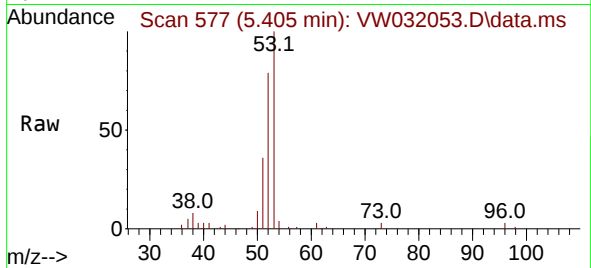




#15
Acrylonitrile
Concen: 51.842 ug/l
RT: 5.405 min Scan# 515
Delta R.T. -0.000 min
Lab File: VW032053.D
Acq: 11 Aug 2025 09:09

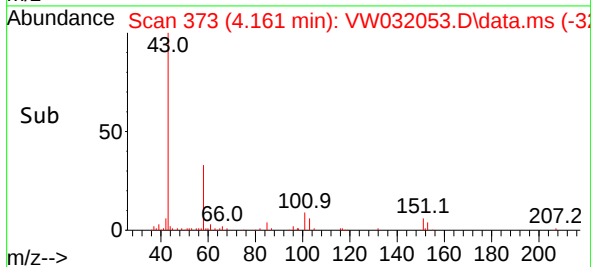
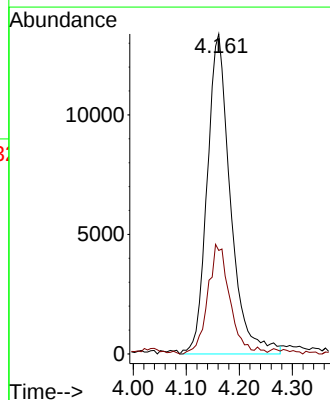
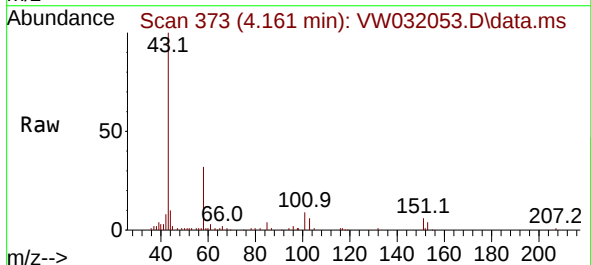
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

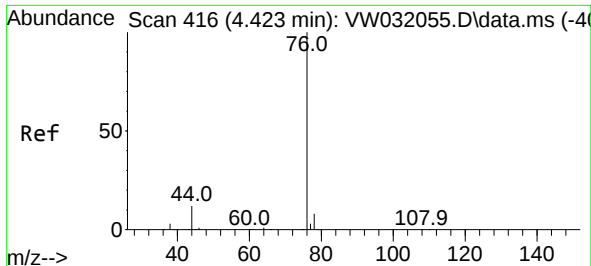
Tgt Ion:	53	Resp:	42536
Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.1	99.1
51	37.3	29.2	43.8



#16
Acetone
Concen: 54.122 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032053.D
Acq: 11 Aug 2025 09:09

Tgt Ion:	43	Resp:	40816
Ion	Ratio	Lower	Upper
43	100		
58	32.4	26.6	39.8

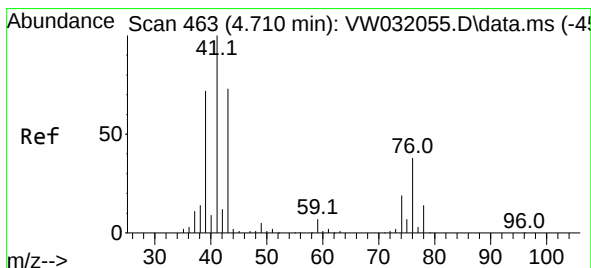
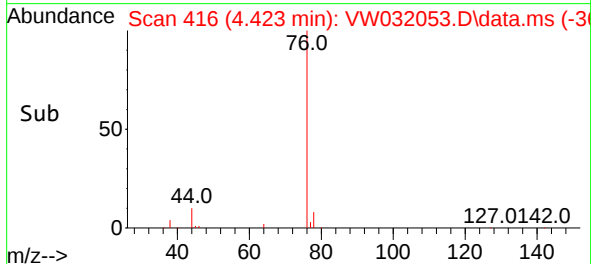
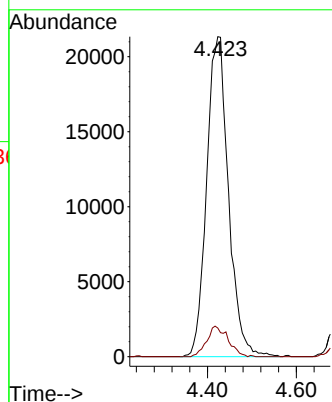
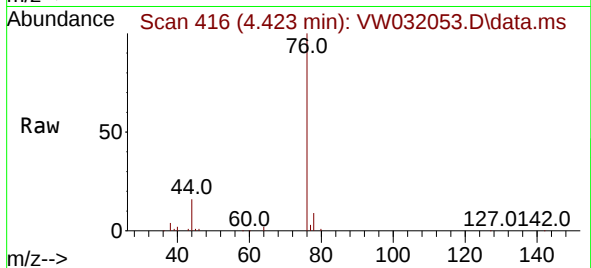




#17
Carbon Disulfide
Concen: 9.931 ug/l
RT: 4.423 min Scan# 416
Delta R.T. -0.000 min
Lab File: VW032053.D
Acq: 11 Aug 2025 09:09

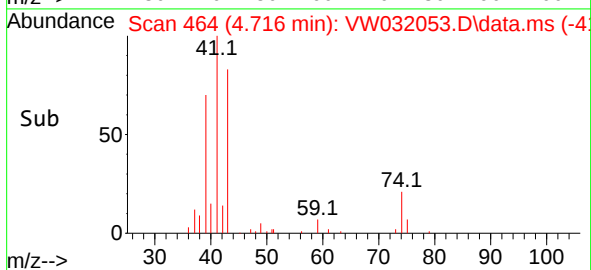
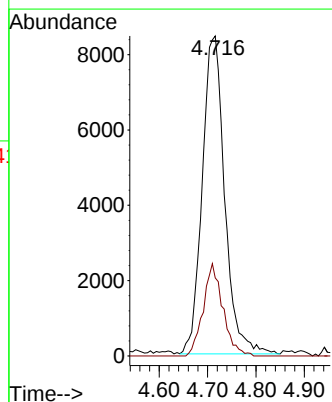
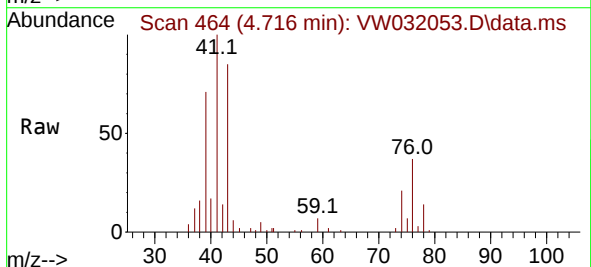
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

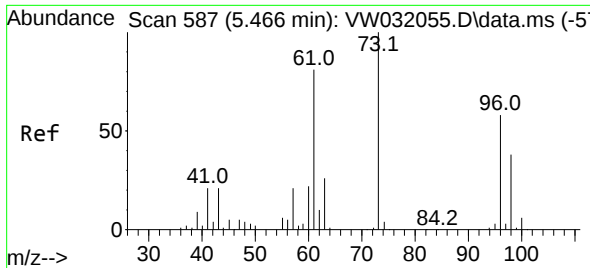
Tgt Ion: 76 Resp: 72806
Ion Ratio Lower Upper
76 100
78 9.0 6.4 9.6



#18
Methyl Acetate
Concen: 11.394 ug/l
RT: 4.716 min Scan# 464
Delta R.T. 0.006 min
Lab File: VW032053.D
Acq: 11 Aug 2025 09:09

Tgt Ion: 43 Resp: 27191
Ion Ratio Lower Upper
43 100
74 25.5 20.6 31.0

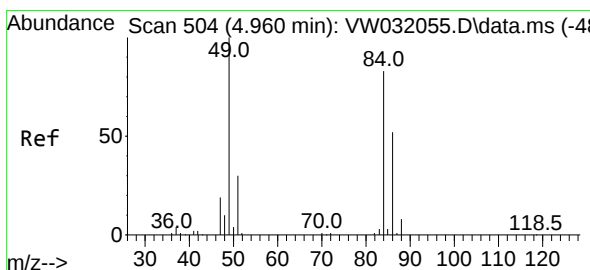
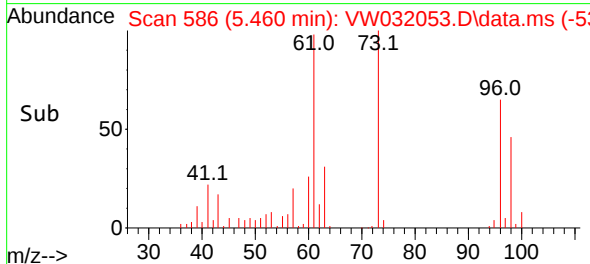
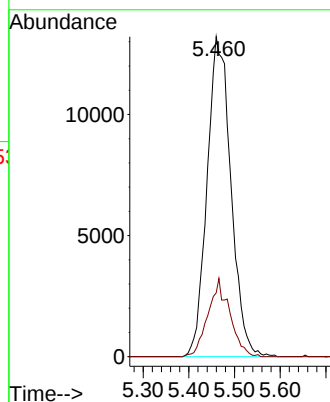
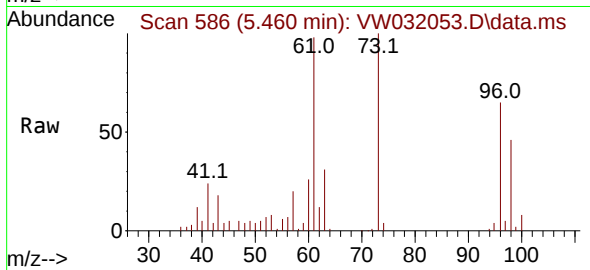




#19
Methyl tert-butyl Ether
Concen: 9.947 ug/l
RT: 5.460 min Scan# 587
Delta R.T. -0.006 min
Lab File: VW032053.D
Acq: 11 Aug 2025 09:09

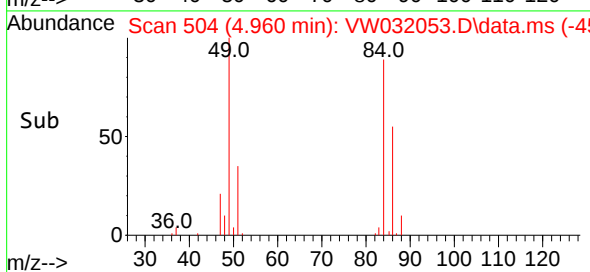
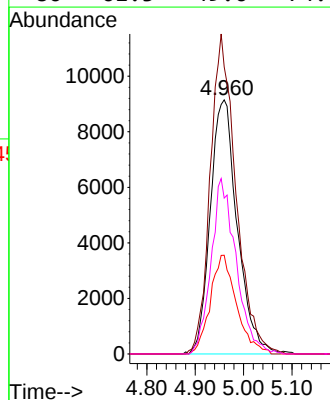
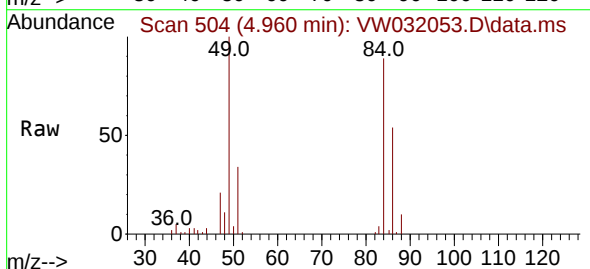
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

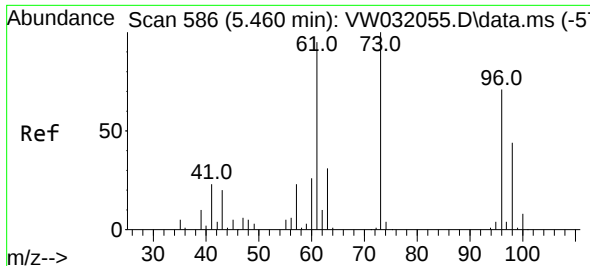
Tgt Ion: 73 Resp: 47872
Ion Ratio Lower Upper
73 100
57 20.0 17.2 25.8



#20
Methylene Chloride
Concen: 10.170 ug/l
RT: 4.960 min Scan# 504
Delta R.T. -0.000 min
Lab File: VW032053.D
Acq: 11 Aug 2025 09:09

Tgt Ion: 84 Resp: 35462
Ion Ratio Lower Upper
84 100
49 113.0 95.9 143.9
51 38.9 28.6 43.0
86 61.3 49.6 74.4

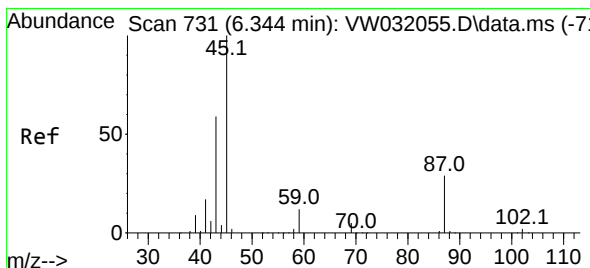
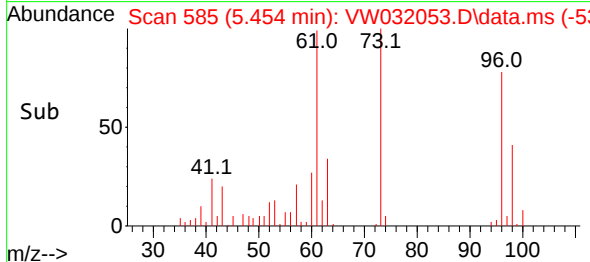
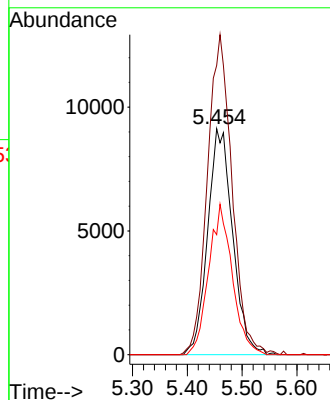
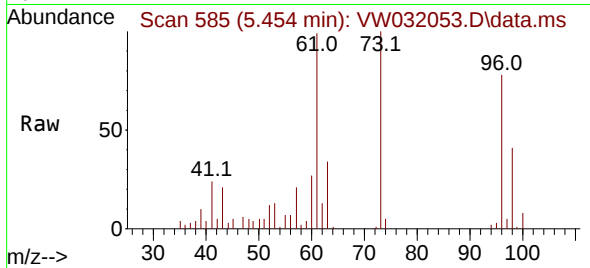




#21
trans-1,2-Dichloroethene
Concen: 9.962 ug/l
RT: 5.454 min Scan# 586
Delta R.T. -0.006 min
Lab File: VW032053.D
Acq: 11 Aug 2025 09:09

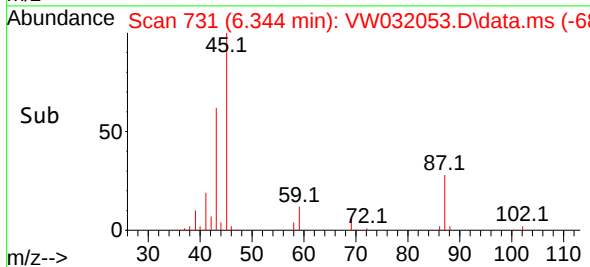
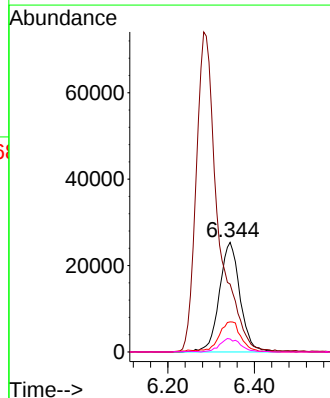
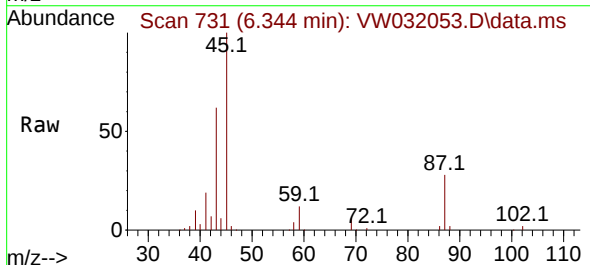
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

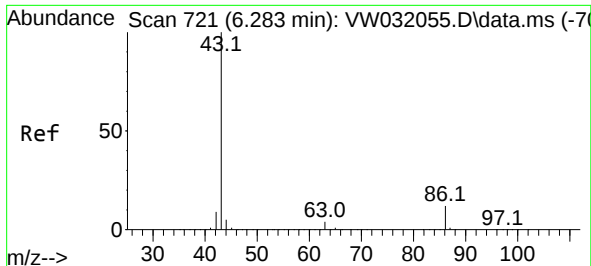
Tgt Ion: 96 Resp: 28875
Ion Ratio Lower Upper
96 100
61 128.0 106.8 160.2
98 53.2 49.6 74.4



#22
Diisopropyl ether
Concen: 10.029 ug/l
RT: 6.344 min Scan# 731
Delta R.T. -0.000 min
Lab File: VW032053.D
Acq: 11 Aug 2025 09:09

Tgt Ion: 45 Resp: 84045
Ion Ratio Lower Upper
45 100
43 61.0 47.0 70.4
87 27.5 23.8 35.8
59 11.8 9.5 14.3

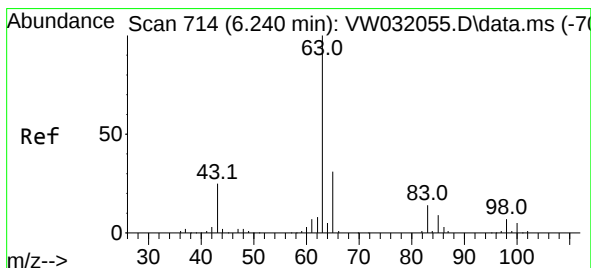
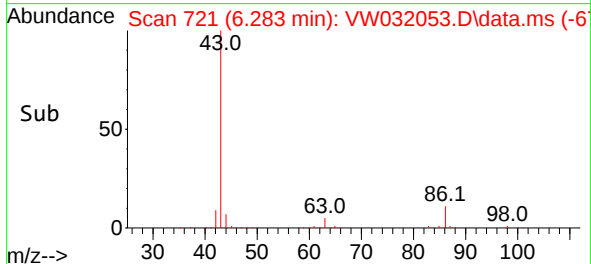
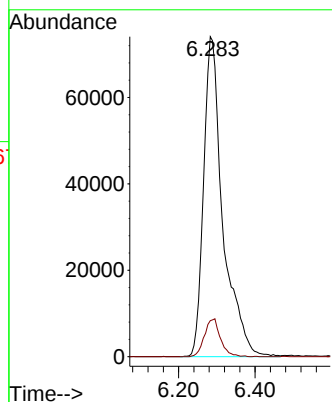
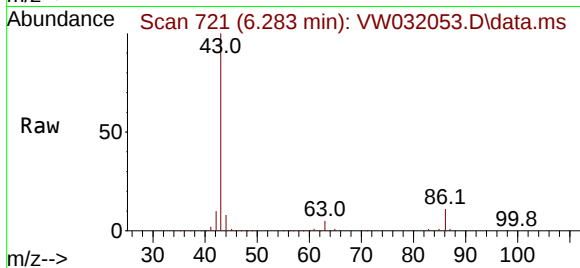




#23
 Vinyl Acetate
 Concen: 47.081 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. -0.000 min
 Lab File: VW032053.D
 Acq: 11 Aug 2025 09:09

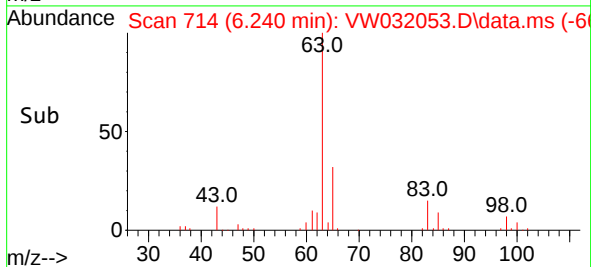
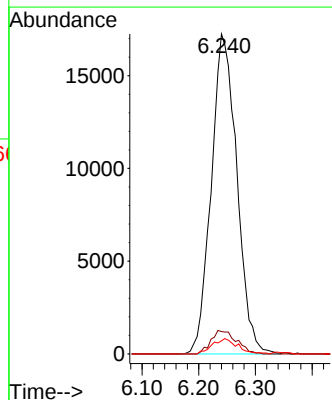
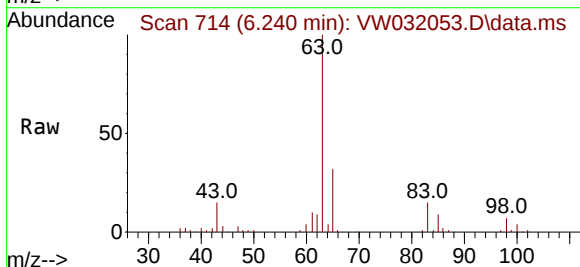
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

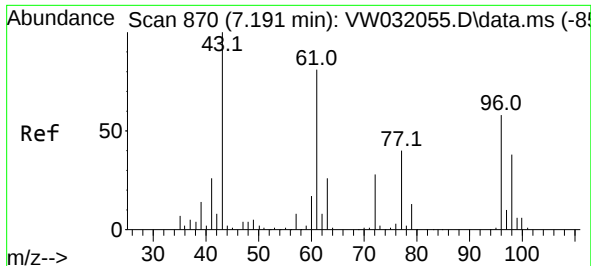
Tgt Ion: 43 Resp: 259050
 Ion Ratio Lower Upper
 43 100
 86 11.2 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 10.095 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.000 min
 Lab File: VW032053.D
 Acq: 11 Aug 2025 09:09

Tgt Ion: 63 Resp: 54051
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.7 11.1
 100 4.1 2.5 7.4

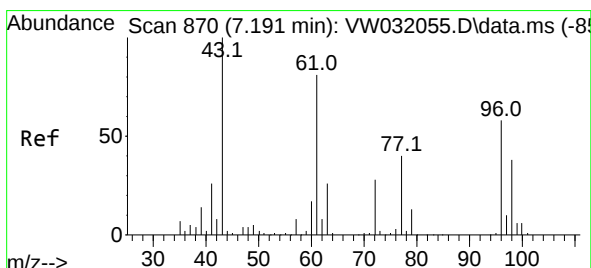
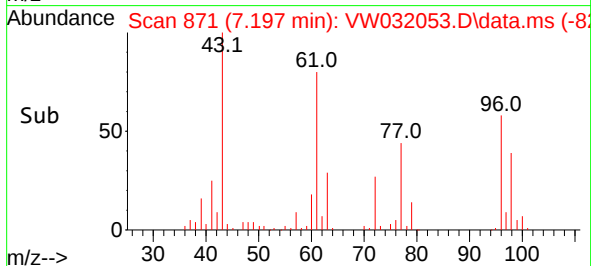
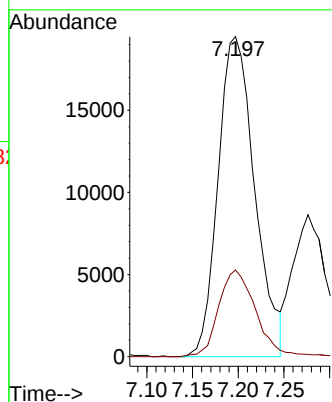
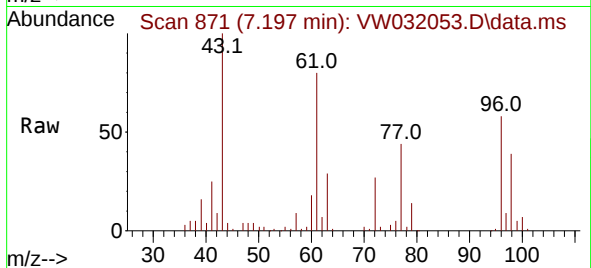




#25
2-Butanone
Concen: 50.685 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW032053.D
Acq: 11 Aug 2025 09:09

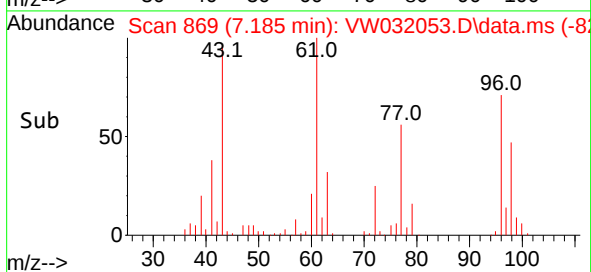
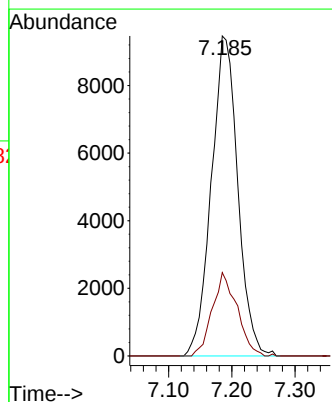
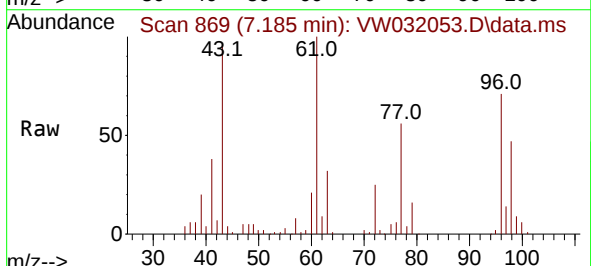
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

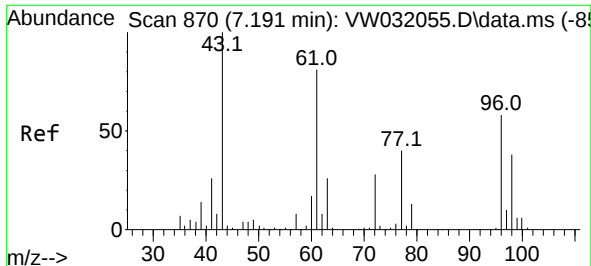
Tgt Ion: 43 Resp: 54327
Ion Ratio Lower Upper
43 100
72 27.1 22.3 33.5



#26
2,2-Dichloropropane
Concen: 10.224 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW032053.D
Acq: 11 Aug 2025 09:09

Tgt Ion: 77 Resp: 27463
Ion Ratio Lower Upper
77 100
97 24.5 12.3 36.9





#27

cis-1,2-Dichloroethene

Concen: 9.791 ug/l

RT: 7.191 min Scan# 870

Delta R.T. -0.000 min

Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

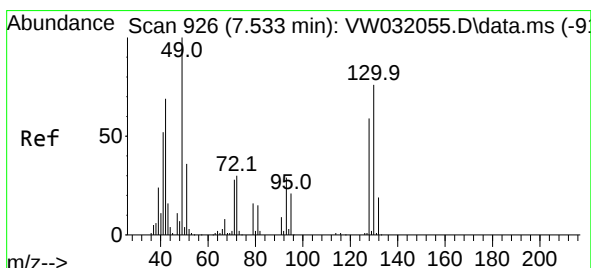
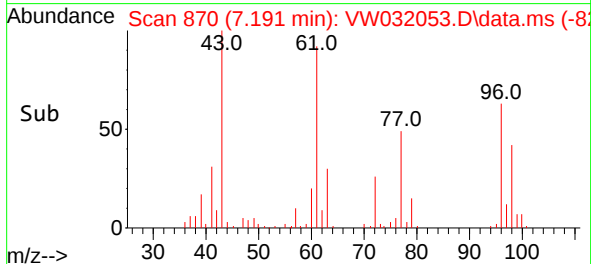
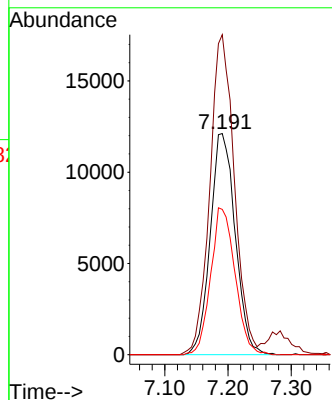
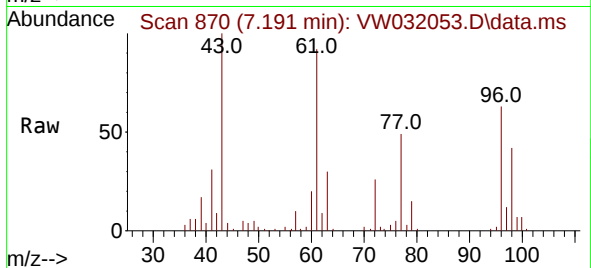
Tgt Ion: 96 Resp: 33173

Ion Ratio Lower Upper

96 100

61 142.3 0.0 281.2

98 64.9 0.0 130.8



#28

Bromochloromethane

Concen: 10.019 ug/l

RT: 7.532 min Scan# 926

Delta R.T. -0.000 min

Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

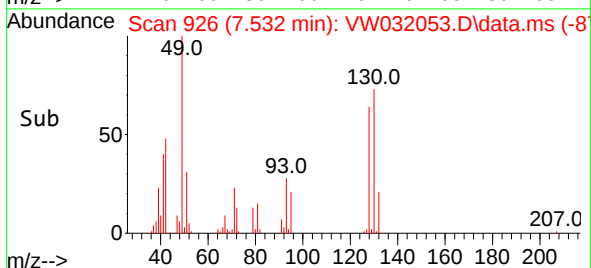
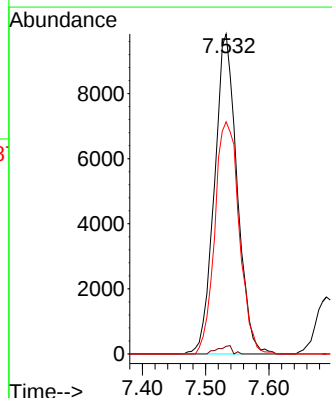
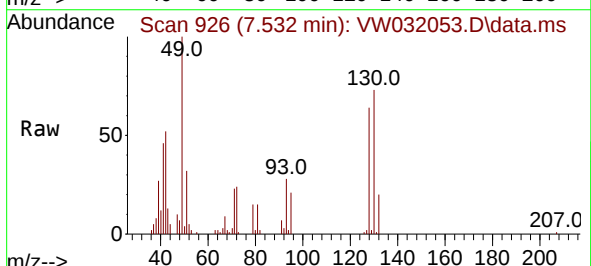
Tgt Ion: 49 Resp: 24412

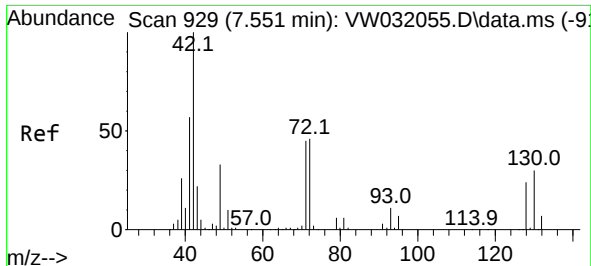
Ion Ratio Lower Upper

49 100

129 1.6 0.0 4.2

130 78.2 61.9 92.9





#29

Tetrahydrofuran

Concen: 50.800 ug/l

RT: 7.557 min Scan# 91

Delta R.T. 0.006 min

Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

Instrument :

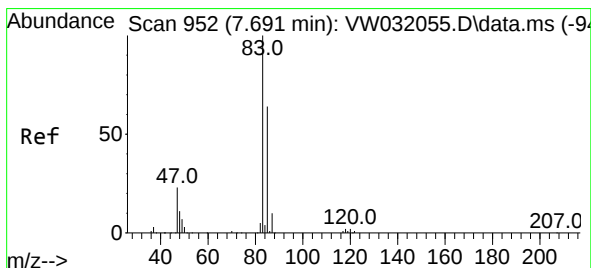
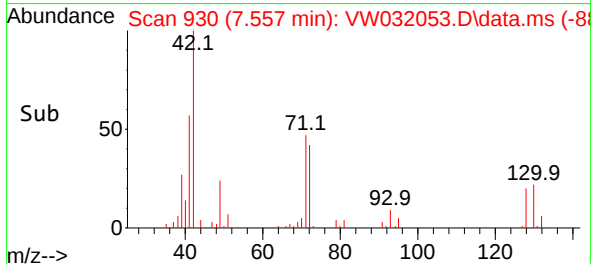
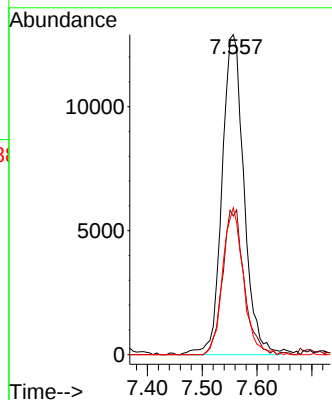
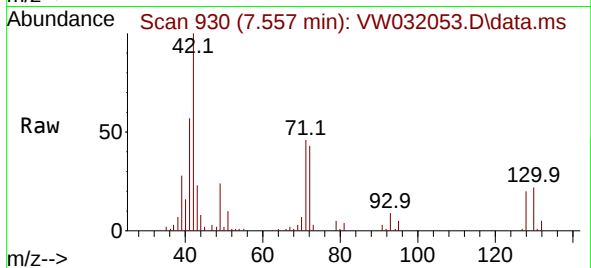
MSVOA_W

ClientSampleId :

VSTDIC010

Tgt Ion: 42 Resp: 35909

Ion	Ratio	Lower	Upper
42	100		
72	44.5	36.6	55.0
71	43.3	34.7	52.1



#30

Chloroform

Concen: 10.071 ug/l

RT: 7.697 min Scan# 953

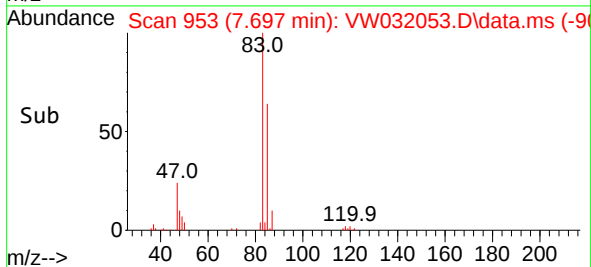
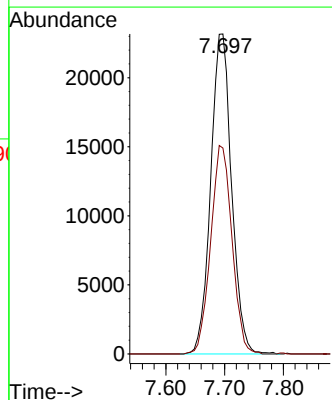
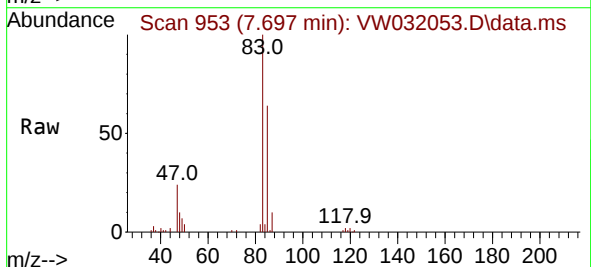
Delta R.T. 0.006 min

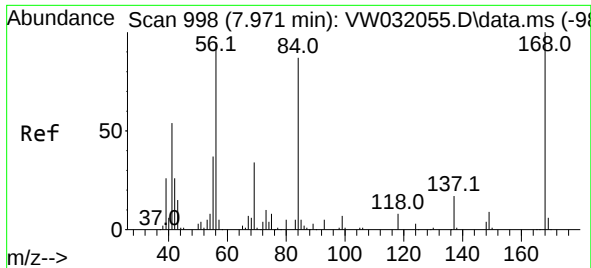
Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

Tgt Ion: 83 Resp: 57170

Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.0	76.4

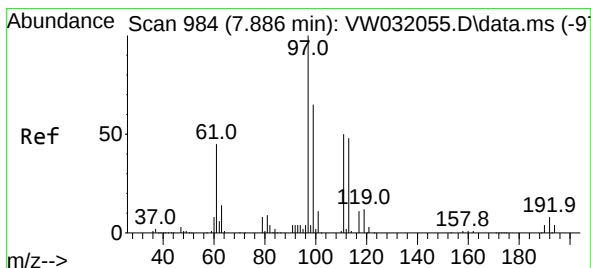
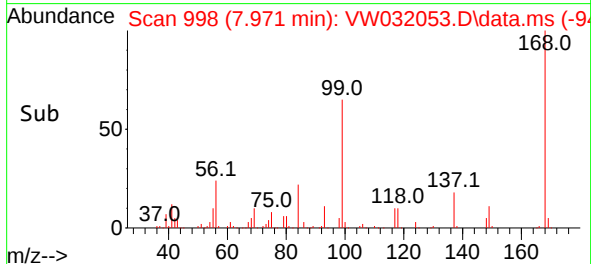
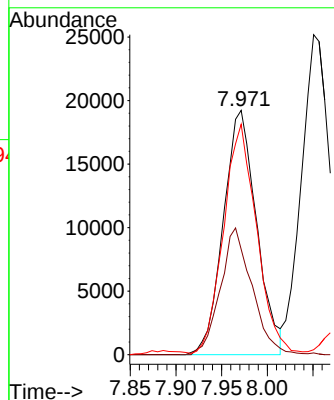
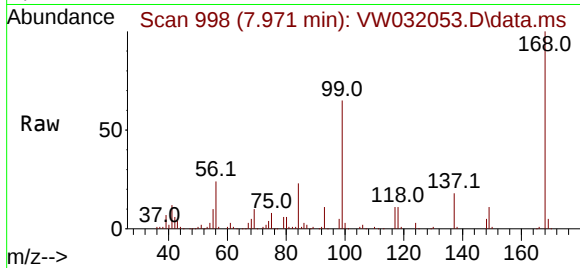




#31
Cyclohexane
Concen: 10.477 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW032053.D
Acq: 11 Aug 2025 09:09

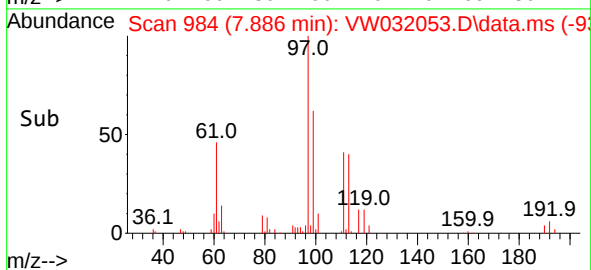
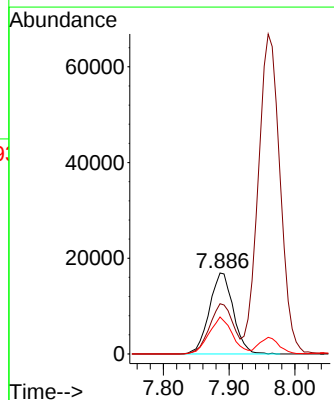
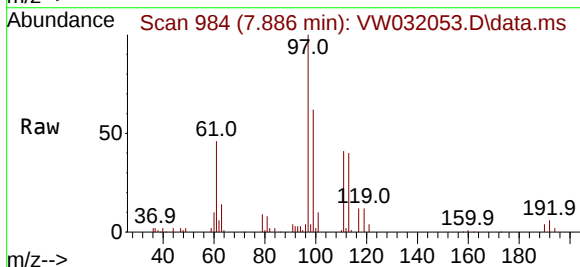
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

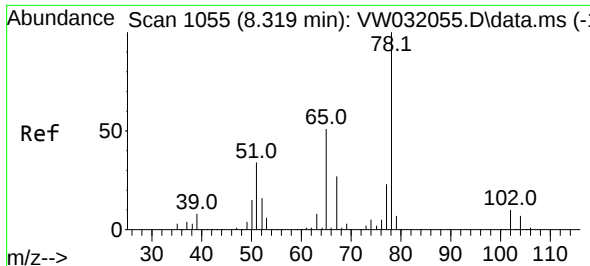
Tgt Ion: 56 Resp: 48633
Ion Ratio Lower Upper
56 100
69 43.1 28.6 42.8#
84 93.2 73.0 109.4



#32
1,1,1-Trichloroethane
Concen: 10.368 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032053.D
Acq: 11 Aug 2025 09:09

Tgt Ion: 97 Resp: 42747
Ion Ratio Lower Upper
97 100
99 61.1 51.8 77.8
61 45.0 35.9 53.9

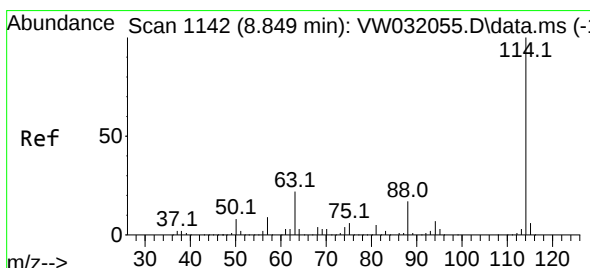
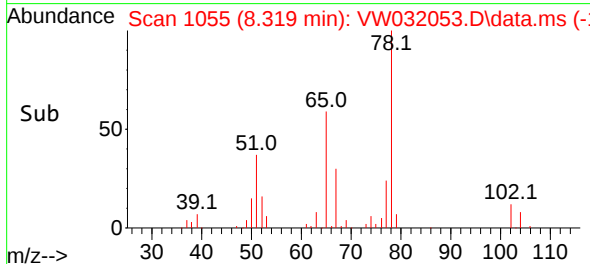
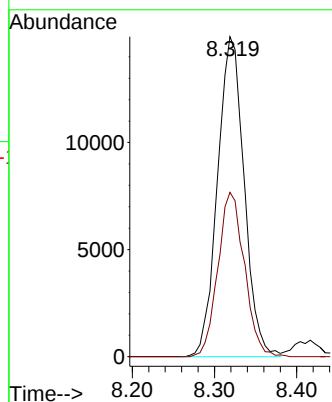
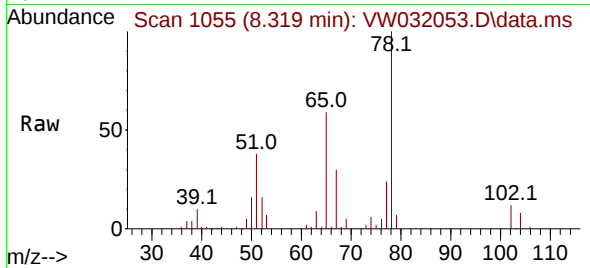




#33
 1,2-Dichloroethane-d4
 Concen: 10.337 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032053.D
 Acq: 11 Aug 2025 09:09

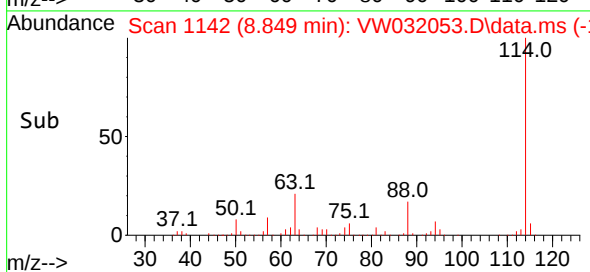
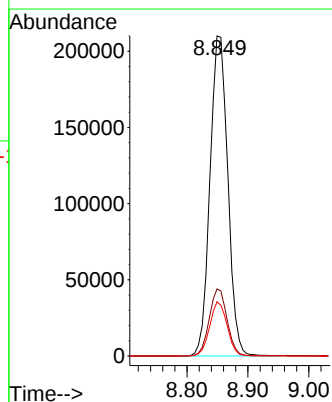
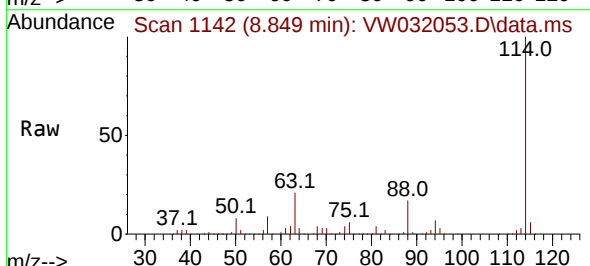
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

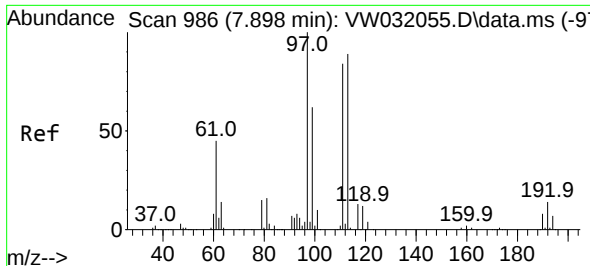
Tgt Ion: 65 Resp: 33671
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.000 min
 Lab File: VW032053.D
 Acq: 11 Aug 2025 09:09

Tgt Ion: 114 Resp: 426784
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 43.0
 88 17.0 0.0 33.8

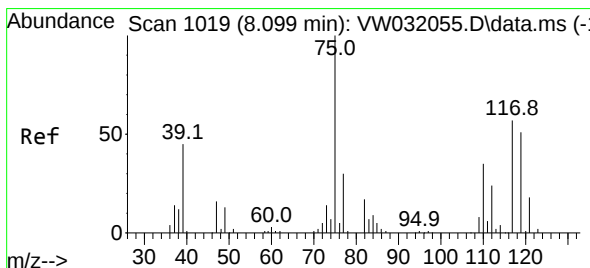
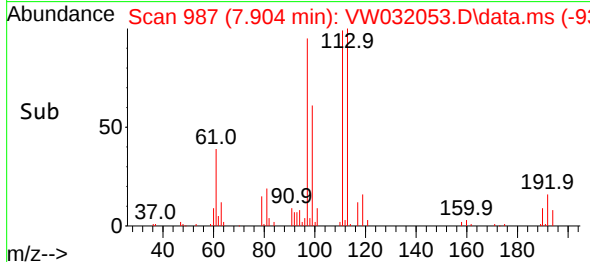
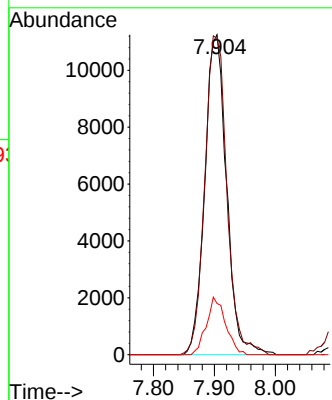
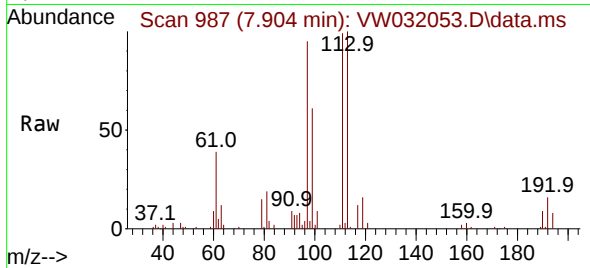




#35
Dibromofluoromethane
Concen: 10.147 ug/l
RT: 7.904 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032053.D
Acq: 11 Aug 2025 09:09

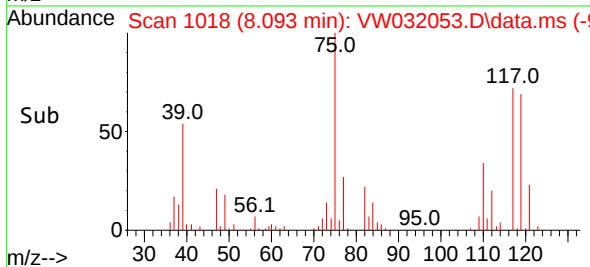
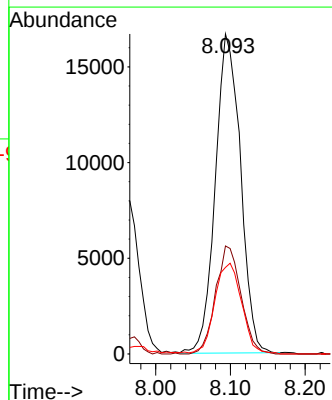
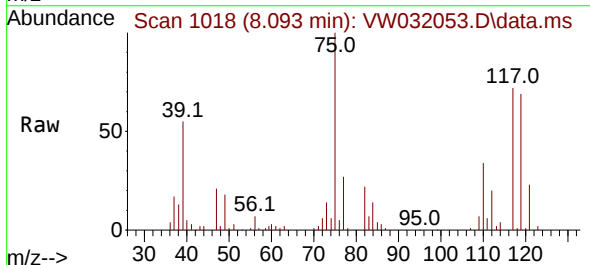
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

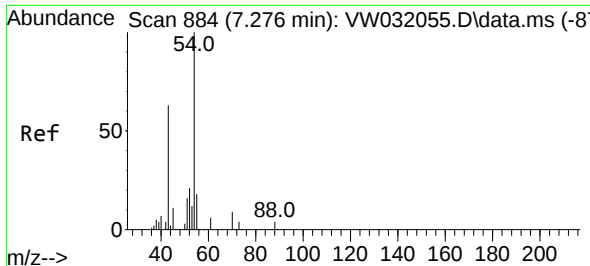
Tgt Ion:113 Resp: 27978
Ion Ratio Lower Upper
113 100
111 101.3 80.1 120.1
192 15.8 13.1 19.7



#36
1,1-Dichloropropene
Concen: 10.032 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VW032053.D
Acq: 11 Aug 2025 09:09

Tgt Ion: 75 Resp: 38994
Ion Ratio Lower Upper
75 100
110 34.1 17.4 52.2
77 30.6 24.7 37.1

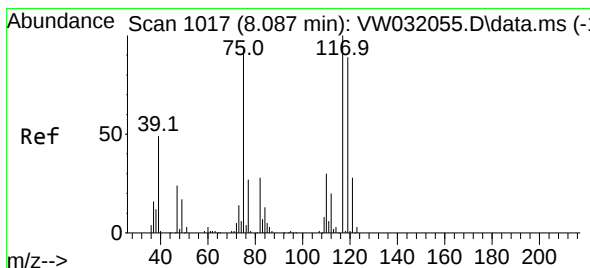
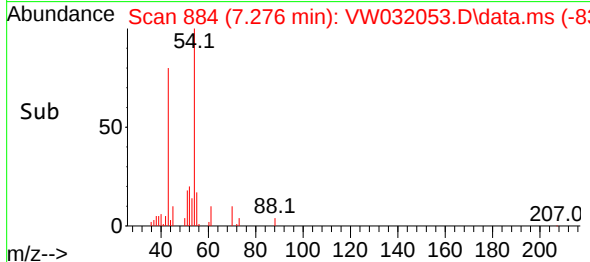
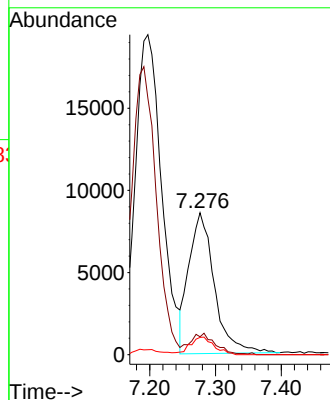
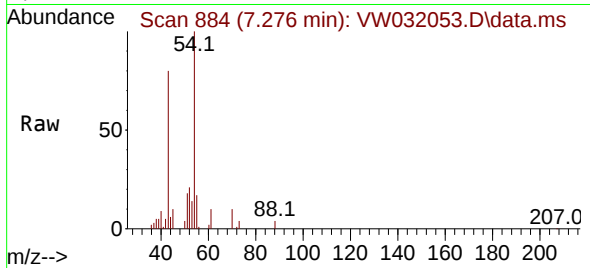




#37
Ethyl Acetate
Concen: 10.070 ug/l
RT: 7.276 min Scan# 884
Delta R.T. -0.000 min
Lab File: VW032053.D
Acq: 11 Aug 2025 09:09

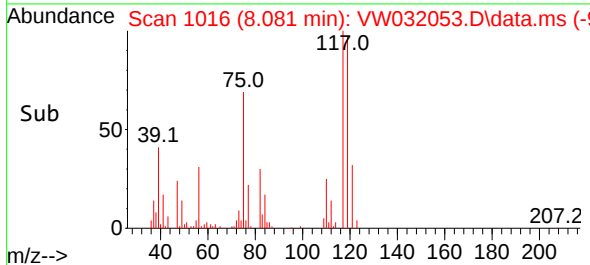
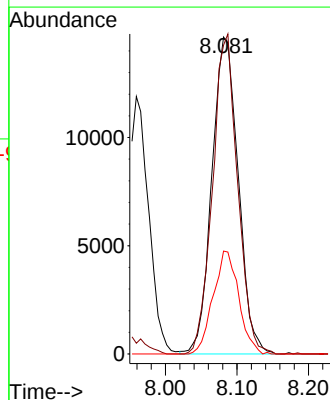
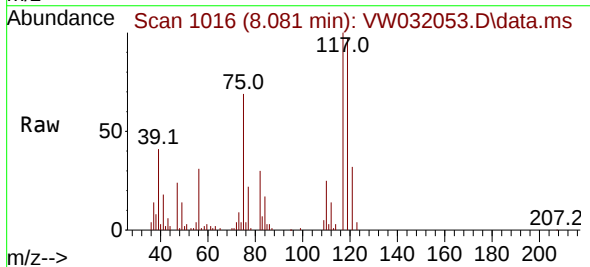
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

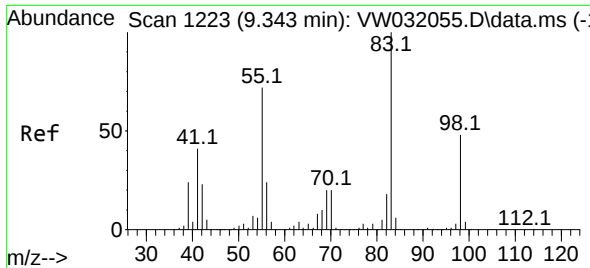
Tgt Ion: 43 Resp: 23053
Ion Ratio Lower Upper
43 100
61 11.8 11.8 17.6
70 11.8 9.4 14.0



#38
Carbon Tetrachloride
Concen: 10.007 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032053.D
Acq: 11 Aug 2025 09:09

Tgt Ion: 117 Resp: 37535
Ion Ratio Lower Upper
117 100
119 97.5 71.4 107.2
121 32.5 22.3 33.5

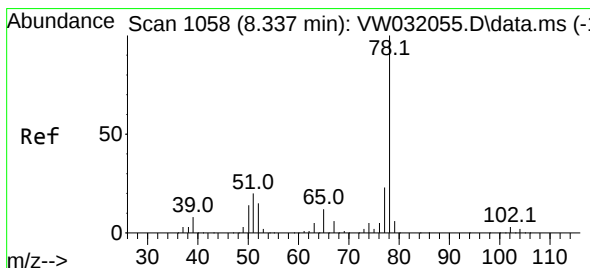
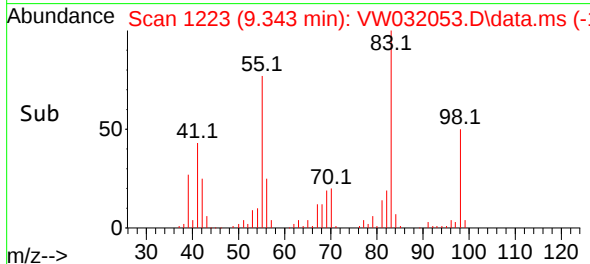
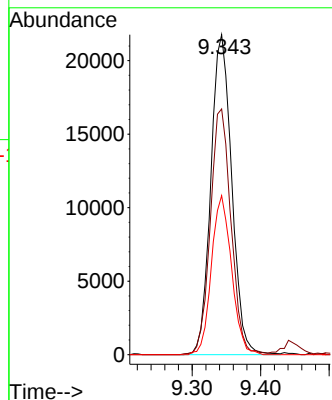
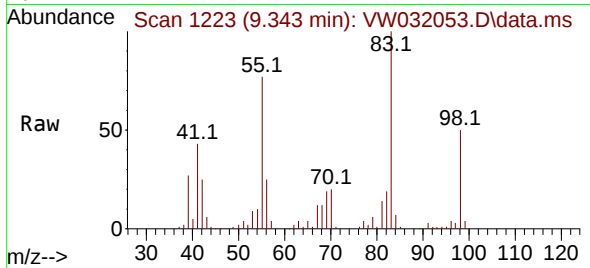




#39
Methylcyclohexane
Concen: 9.731 ug/l
RT: 9.343 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032053.D
Acq: 11 Aug 2025 09:09

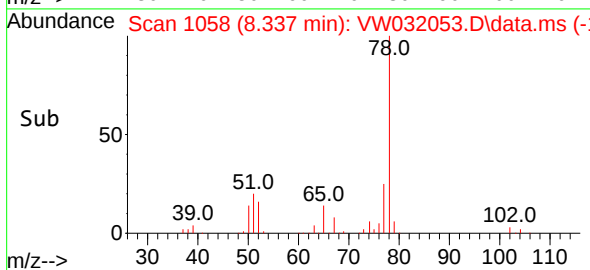
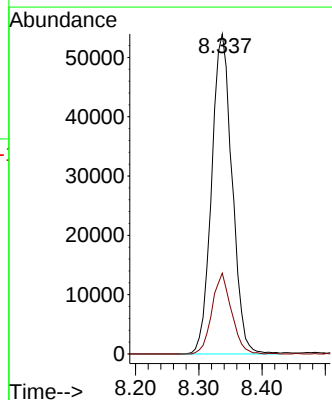
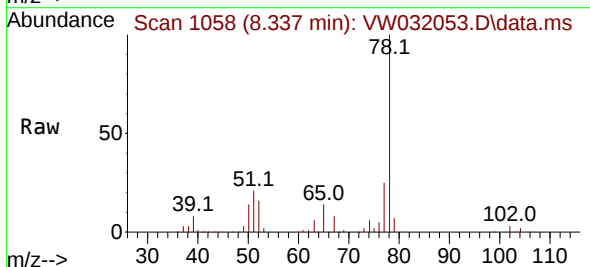
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

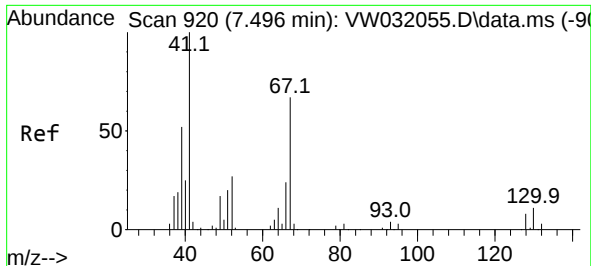
Tgt Ion: 83 Resp: 46100
Ion Ratio Lower Upper
83 100
55 76.8 57.9 86.9
98 49.7 38.3 57.5



#40
Benzene
Concen: 10.053 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VW032053.D
Acq: 11 Aug 2025 09:09

Tgt Ion: 78 Resp: 121462
Ion Ratio Lower Upper
78 100
77 25.3 18.4 27.6

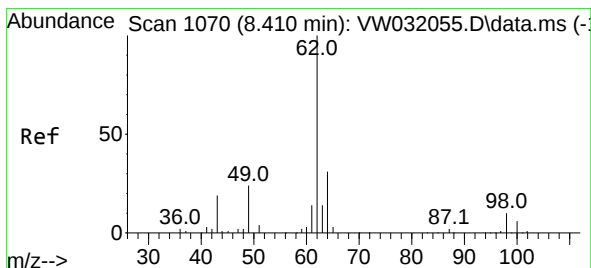
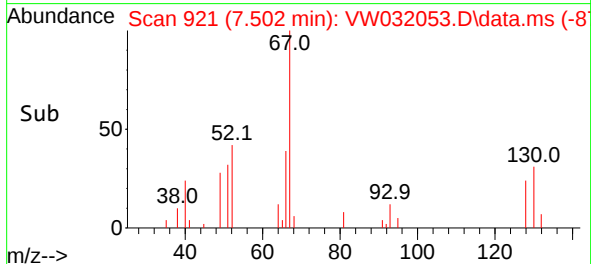
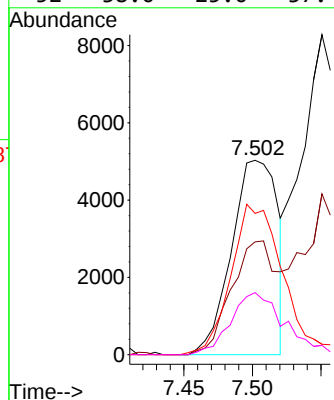
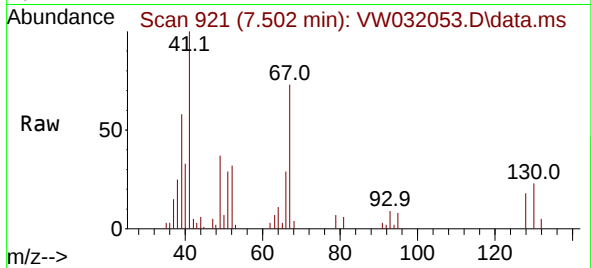




#41
Methacrylonitrile
Concen: 9.035 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032053.D
Acq: 11 Aug 2025 09:09

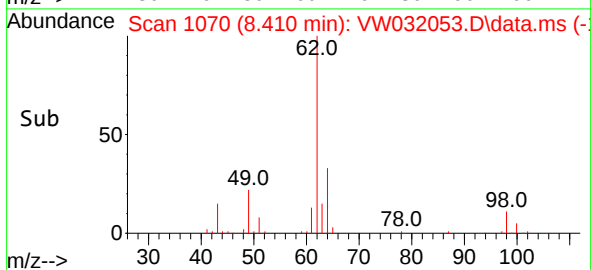
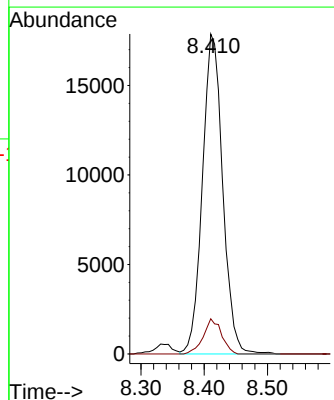
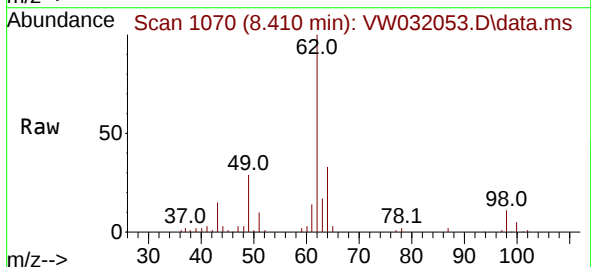
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

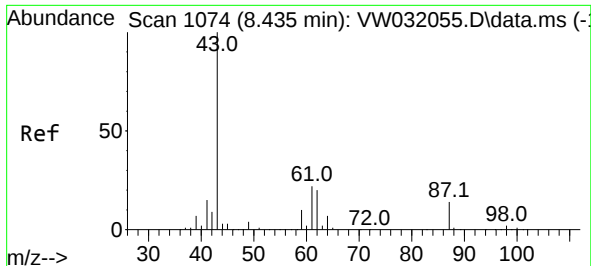
Tgt Ion:	41	Resp:	11729
Ion	Ratio	Lower	Upper
41	100		
39	57.4	42.6	63.8
67	87.3	61.0	91.4
52	38.0	25.0	37.4



#42
1,2-Dichloroethane
Concen: 10.316 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032053.D
Acq: 11 Aug 2025 09:09

Tgt Ion:	62	Resp:	39882
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.8





#43

Isopropyl Acetate

Concen: 9.743 ug/l

RT: 8.435 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

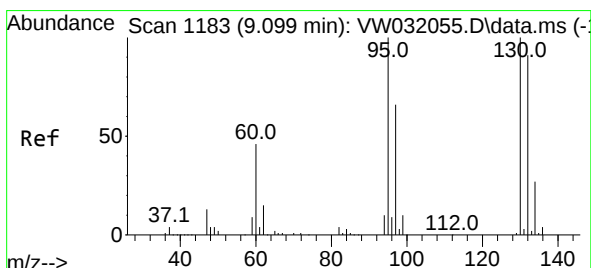
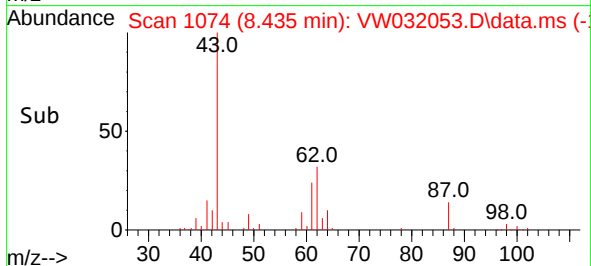
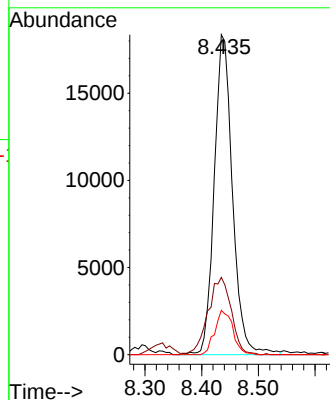
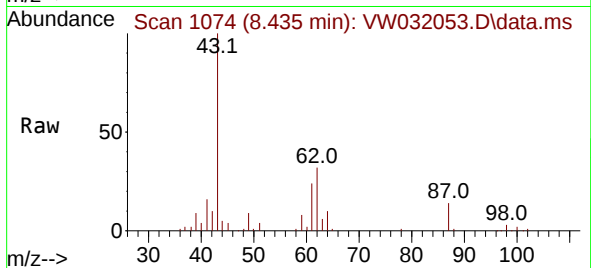
Tgt Ion: 43 Resp: 41036

Ion Ratio Lower Upper

43 100

61 30.5 23.8 35.8

87 13.7 11.7 17.5



#44

Trichloroethene

Concen: 9.905 ug/l

RT: 9.105 min Scan# 1184

Delta R.T. 0.006 min

Lab File: VW032053.D

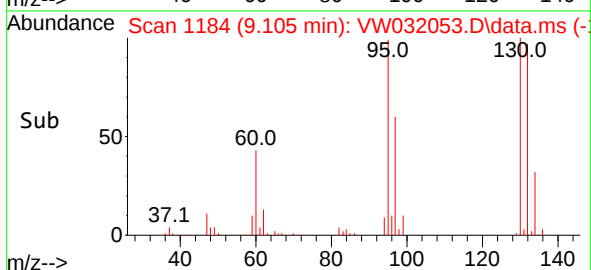
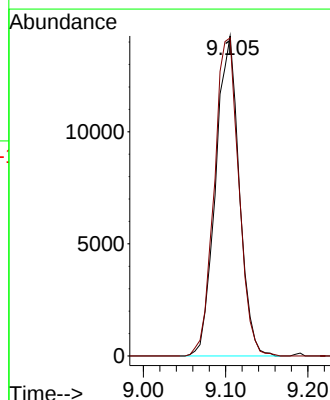
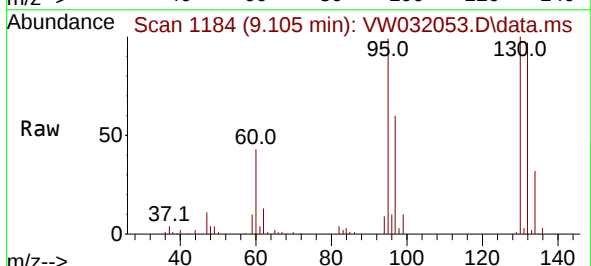
Acq: 11 Aug 2025 09:09

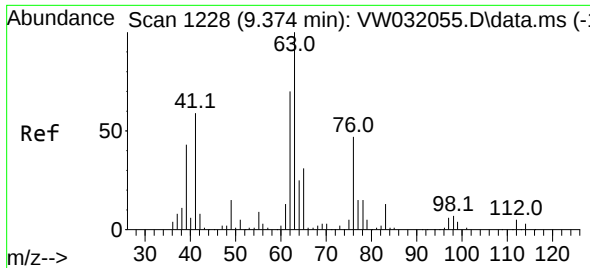
Tgt Ion:130 Resp: 28498

Ion Ratio Lower Upper

130 100

95 99.4 0.0 200.6

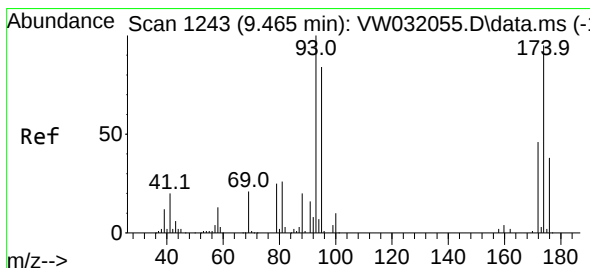
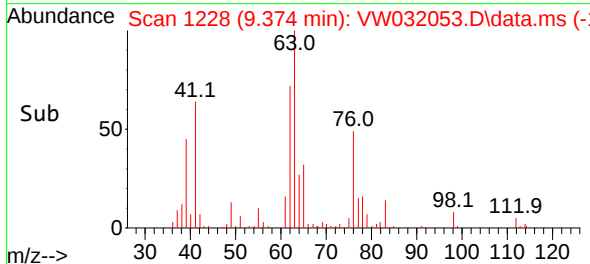
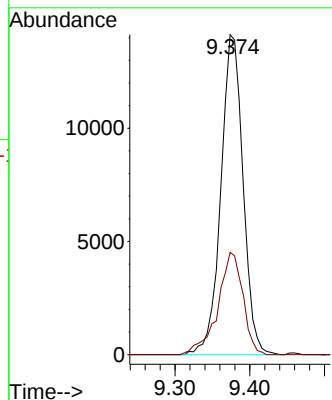
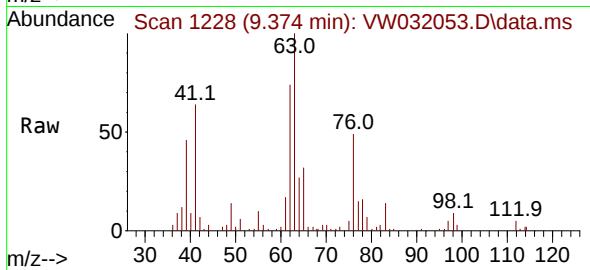




#45
1,2-Dichloropropane
Concen: 10.004 ug/l
RT: 9.374 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032053.D
Acq: 11 Aug 2025 09:09

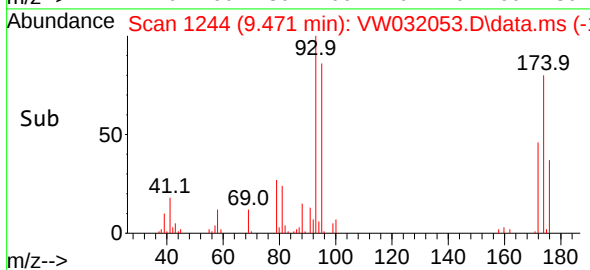
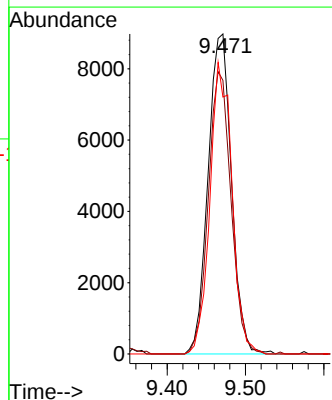
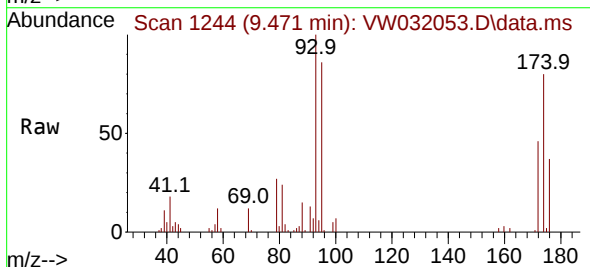
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

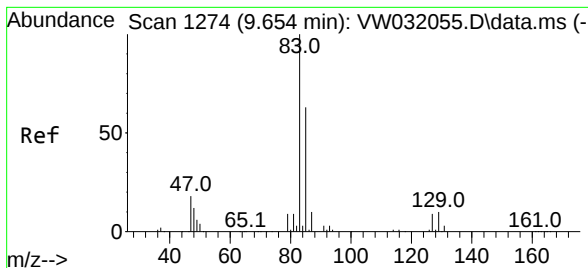
Tgt Ion: 63 Resp: 29199
Ion Ratio Lower Upper
63 100
65 31.9 24.6 36.8



#46
Dibromomethane
Concen: 9.901 ug/l
RT: 9.471 min Scan# 1244
Delta R.T. 0.006 min
Lab File: VW032053.D
Acq: 11 Aug 2025 09:09

Tgt Ion: 93 Resp: 18653
Ion Ratio Lower Upper
93 100
95 85.8 65.3 97.9
174 85.7 68.6 102.8





#47

Bromodichloromethane

Concen: 9.818 ug/l

RT: 9.654 min Scan# 1274

Delta R.T. -0.000 min

Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

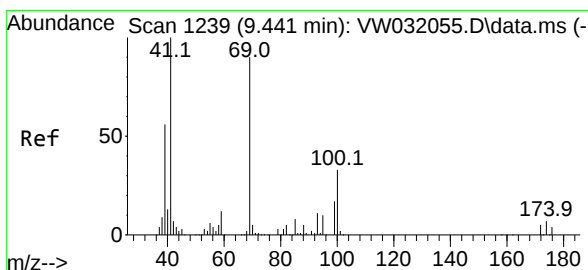
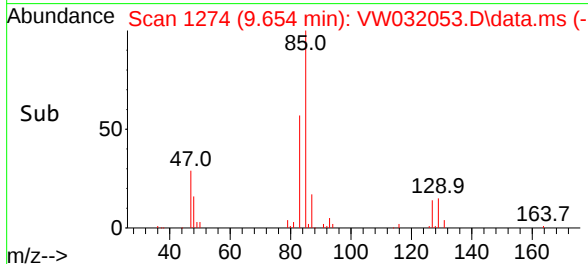
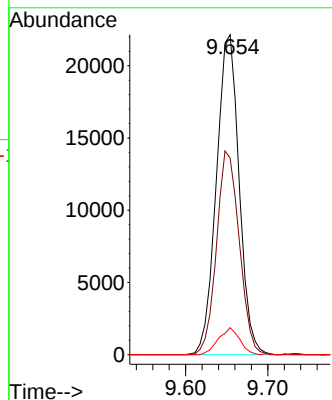
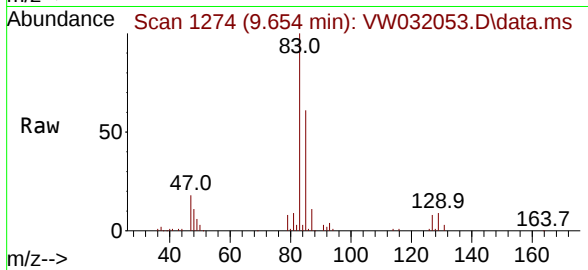
Tgt Ion: 83 Resp: 42618

Ion Ratio Lower Upper

83 100

85 61.5 50.6 75.8

127 8.5 6.9 10.3



#48

Methyl methacrylate

Concen: 9.666 ug/l

RT: 9.441 min Scan# 1239

Delta R.T. -0.000 min

Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

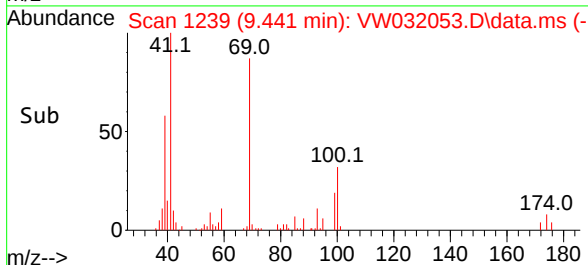
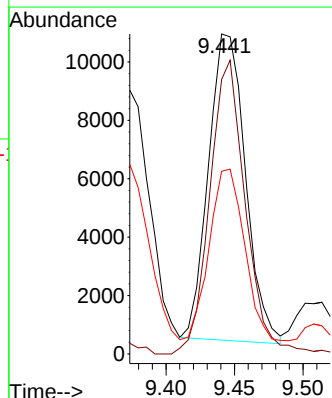
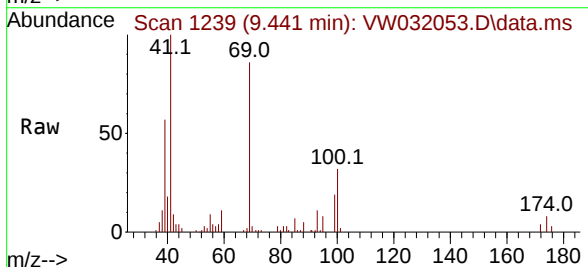
Tgt Ion: 41 Resp: 19654

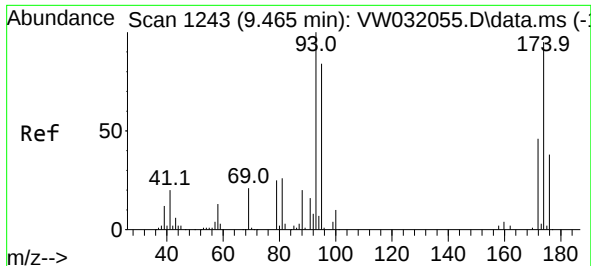
Ion Ratio Lower Upper

41 100

69 92.9 73.0 109.6

39 55.1 45.0 67.4

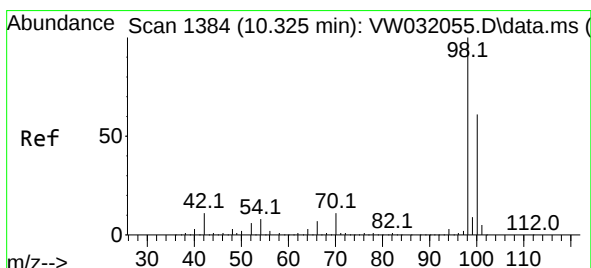
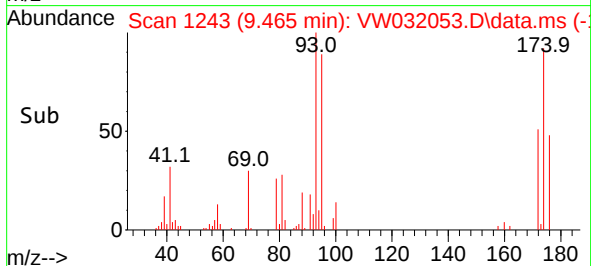
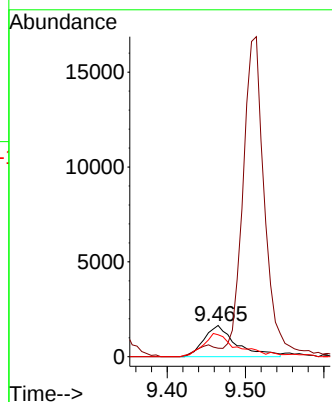
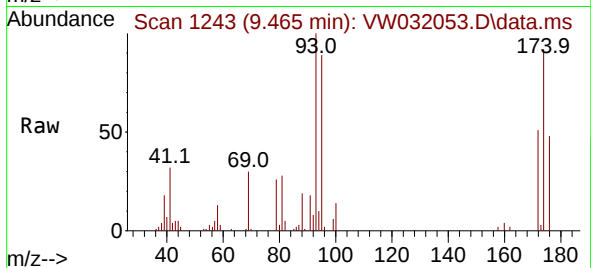




#49
 1,4-Dioxane
 Concen: 192.302 ug/l
 RT: 9.465 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW032053.D
 Acq: 11 Aug 2025 09:09

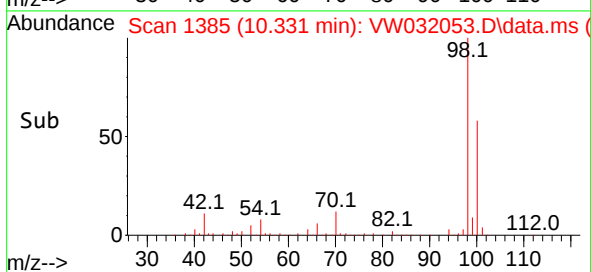
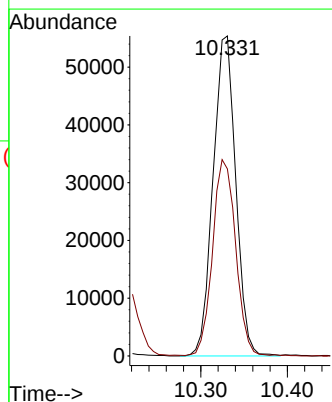
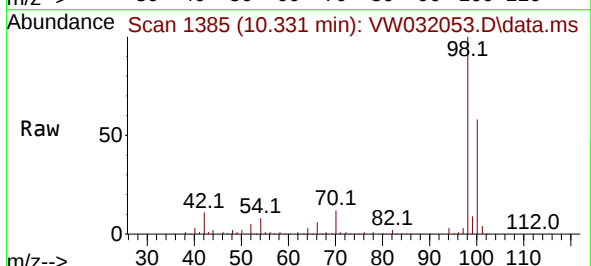
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

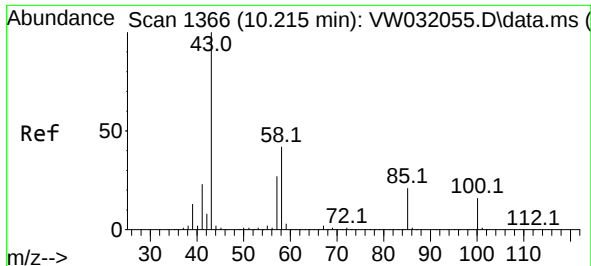
Tgt Ion: 88 Resp: 4684
 Ion Ratio Lower Upper
 88 100
 43 27.6 20.6 30.8
 58 75.1 60.4 90.6



#50
 Toluene-d8
 Concen: 9.875 ug/l
 RT: 10.331 min Scan# 1385
 Delta R.T. 0.006 min
 Lab File: VW032053.D
 Acq: 11 Aug 2025 09:09

Tgt Ion: 98 Resp: 100702
 Ion Ratio Lower Upper
 98 100
 100 62.7 51.1 76.7

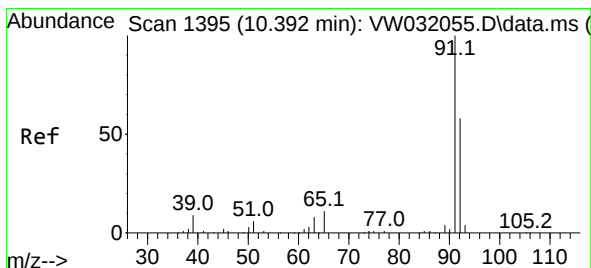
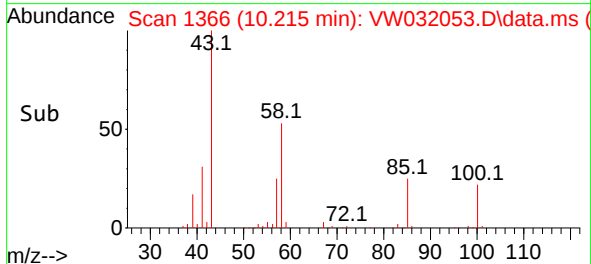
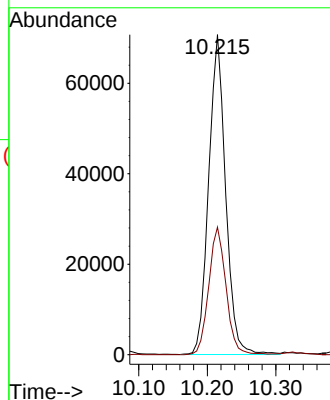
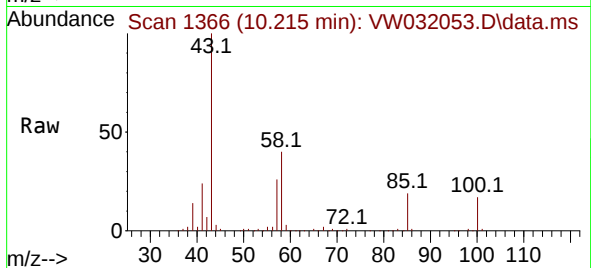




#51
4-Methyl-2-Pentanone
Concen: 51.075 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VW032053.D
Acq: 11 Aug 2025 09:09

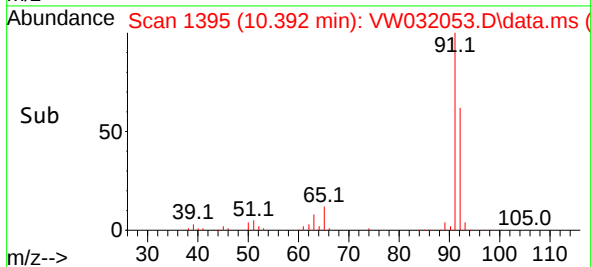
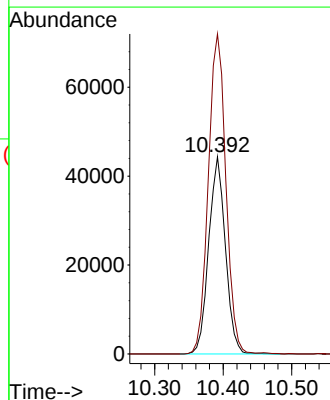
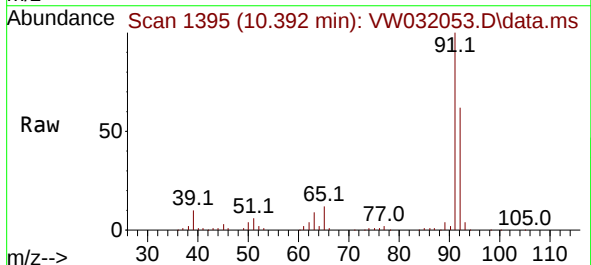
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

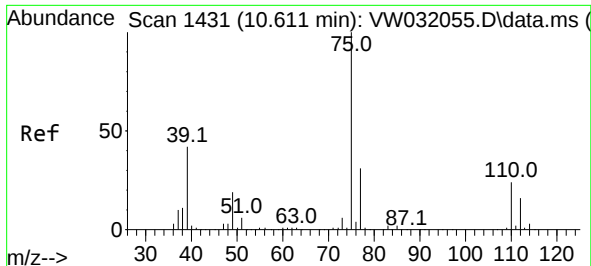
Tgt Ion: 43 Resp: 121419
Ion Ratio Lower Upper
43 100
58 40.7 33.1 49.7



#52
Toluene
Concen: 9.888 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032053.D
Acq: 11 Aug 2025 09:09

Tgt Ion: 92 Resp: 75250
Ion Ratio Lower Upper
92 100
91 170.3 136.3 204.5

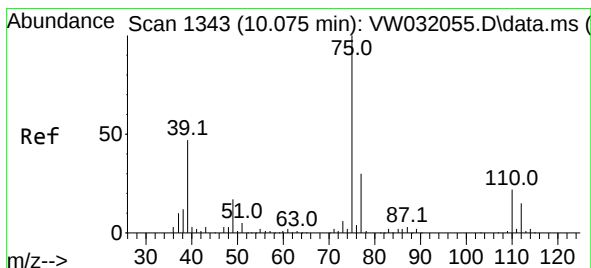
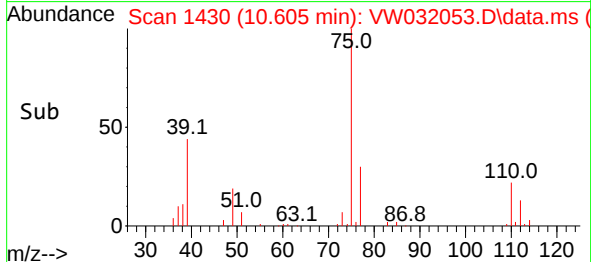
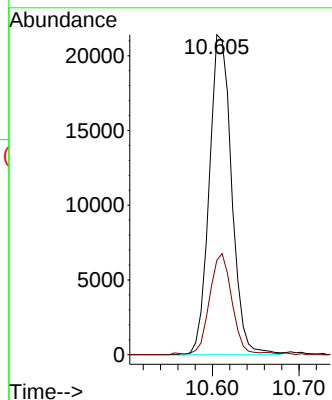
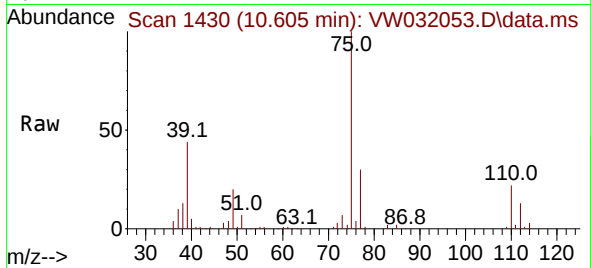




#53
 t-1,3-Dichloropropene
 Concen: 9.441 ug/l
 RT: 10.605 min Scan# 1430
 Delta R.T. -0.006 min
 Lab File: VW032053.D
 Acq: 11 Aug 2025 09:09

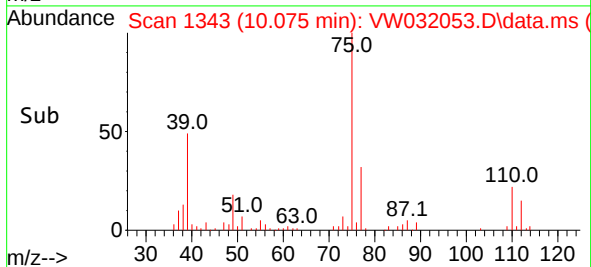
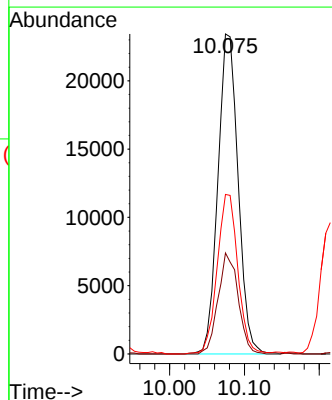
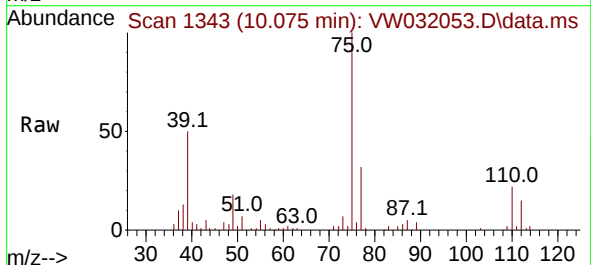
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

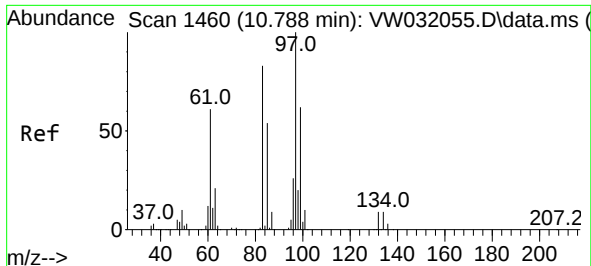
Tgt Ion: 75 Resp: 38397
 Ion Ratio Lower Upper
 75 100
 77 29.2 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 9.543 ug/l
 RT: 10.075 min Scan# 1343
 Delta R.T. -0.000 min
 Lab File: VW032053.D
 Acq: 11 Aug 2025 09:09

Tgt Ion: 75 Resp: 44031
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.0 36.0
 39 49.9 37.8 56.8





#55

1,1,2-Trichloroethane

Concen: 10.097 ug/l

RT: 10.788 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tgt Ion: 97 Resp: 25277

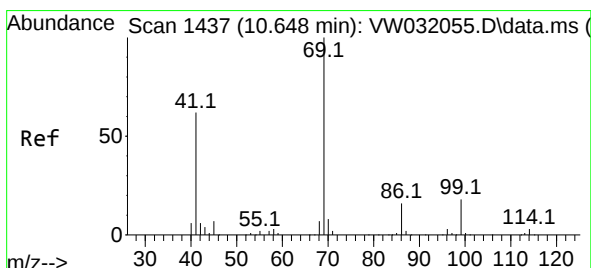
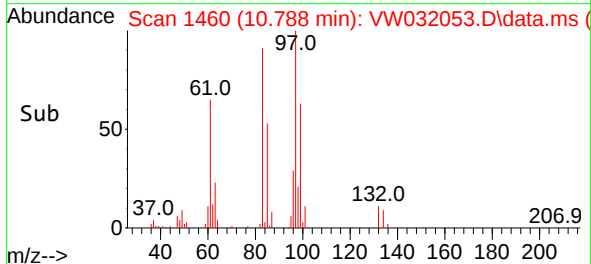
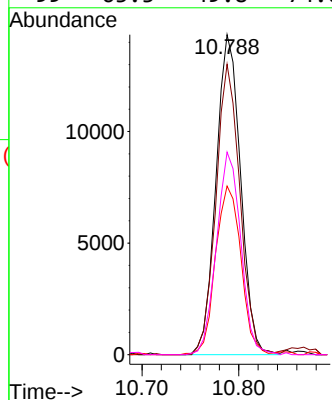
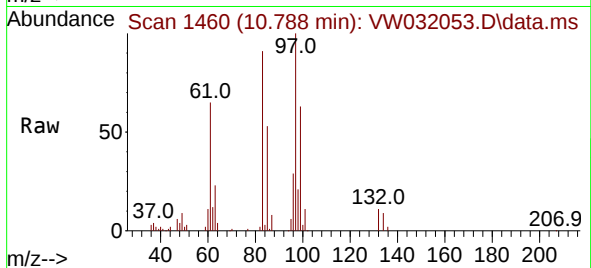
Ion Ratio Lower Upper

97 100

83 90.7 66.4 99.6

85 52.7 43.1 64.7

99 63.3 49.8 74.6



#56

Ethyl methacrylate

Concen: 9.260 ug/l

RT: 10.648 min Scan# 1437

Delta R.T. -0.000 min

Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

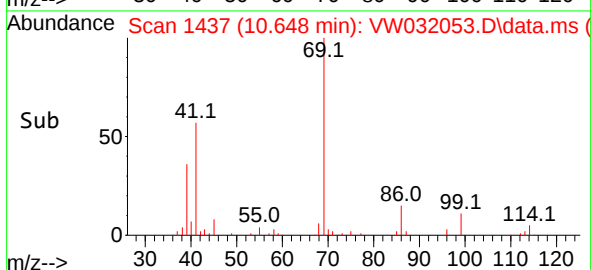
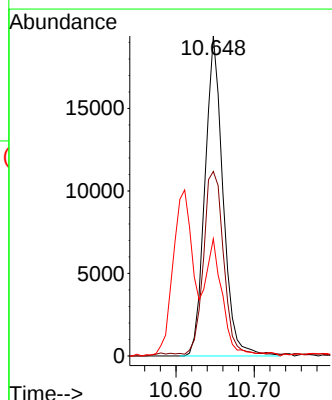
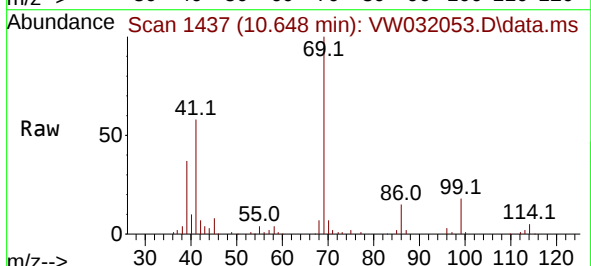
Tgt Ion: 69 Resp: 31022

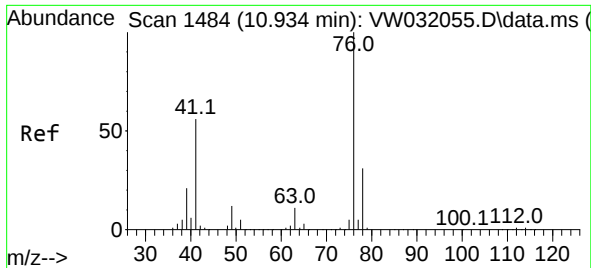
Ion Ratio Lower Upper

69 100

41 62.3 51.2 76.8

39 35.0 25.4 38.0





#57

1,3-Dichloropropane

Concen: 10.254 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

Instrument :

MSVOA_W

ClientSampleId :

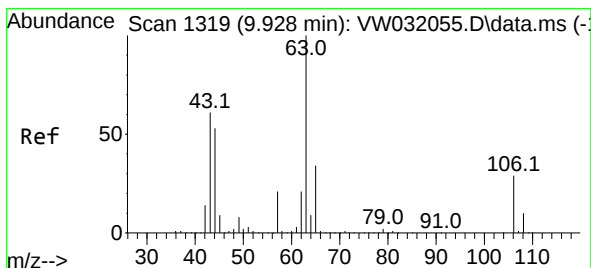
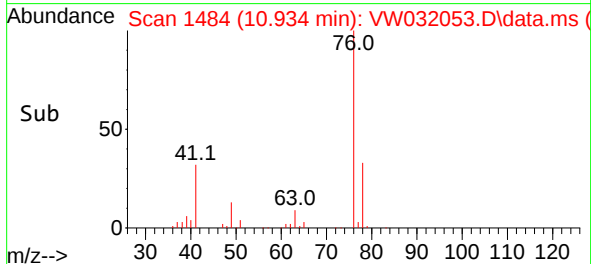
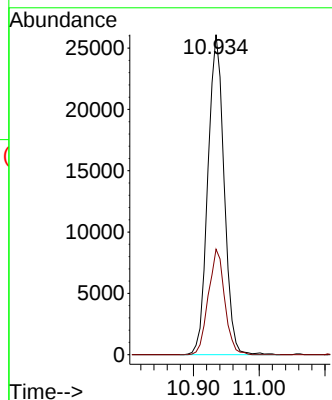
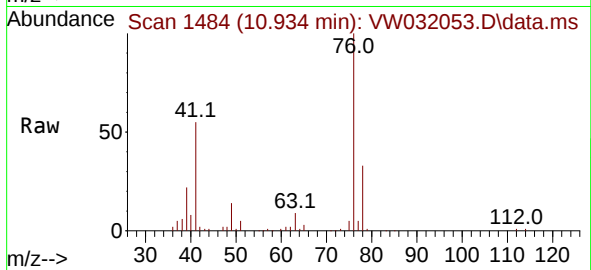
VSTDIC010

Tgt Ion: 76 Resp: 44743

Ion Ratio Lower Upper

76 100

78 33.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 47.830 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032053.D

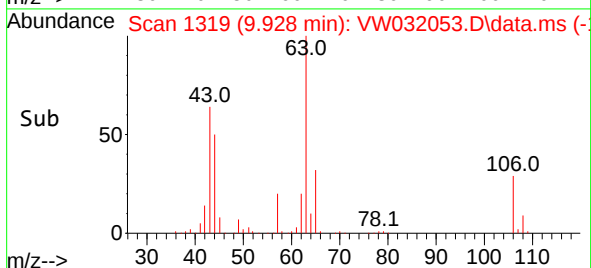
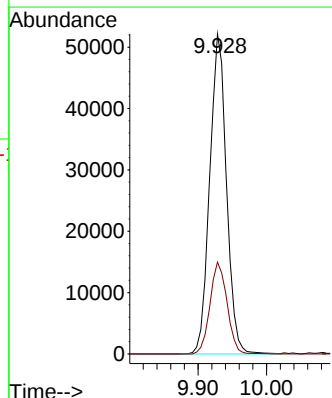
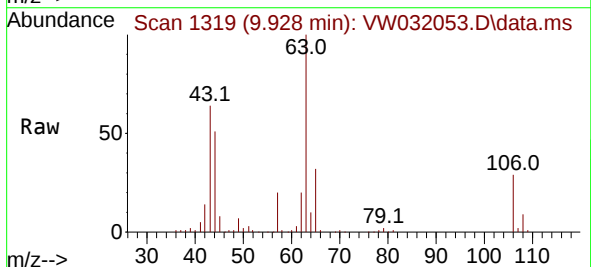
Acq: 11 Aug 2025 09:09

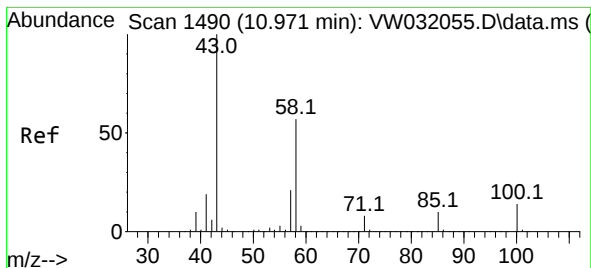
Tgt Ion: 63 Resp: 88627

Ion Ratio Lower Upper

63 100

106 29.2 23.5 35.3

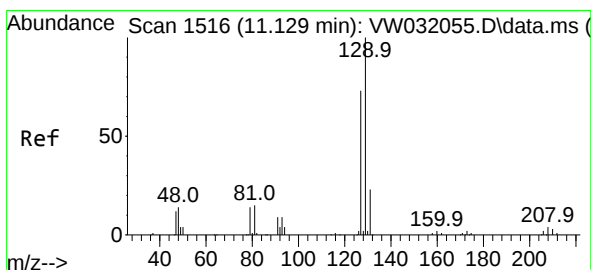
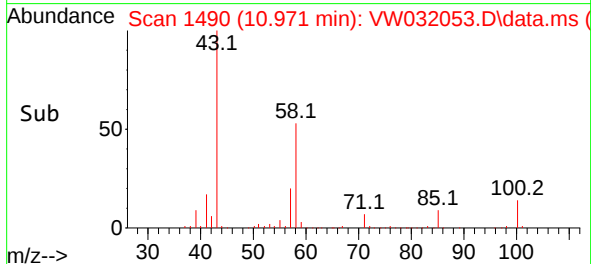
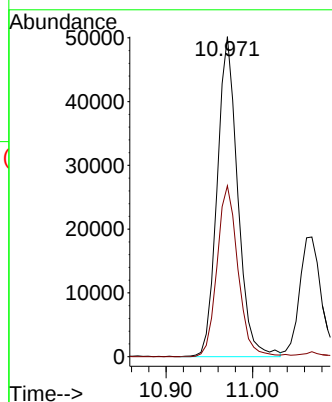
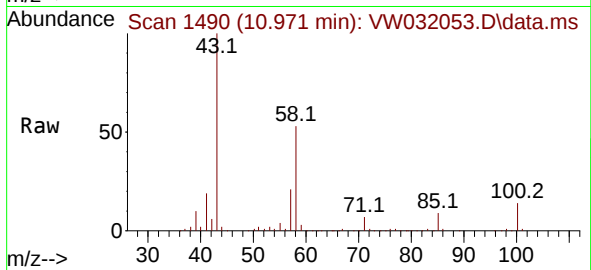




#59
2-Hexanone
Concen: 50.310 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032053.D
Acq: 11 Aug 2025 09:09

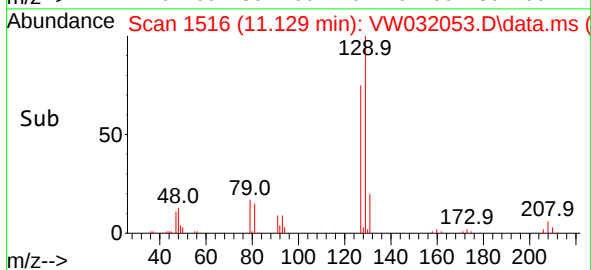
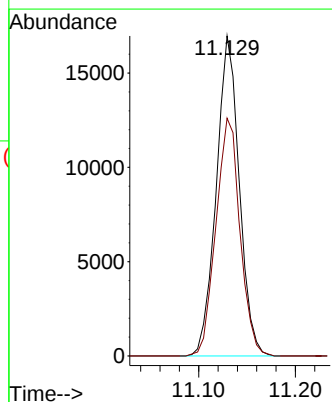
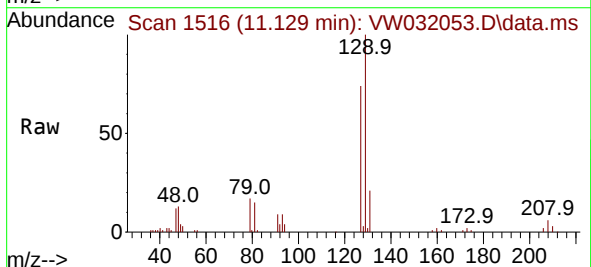
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

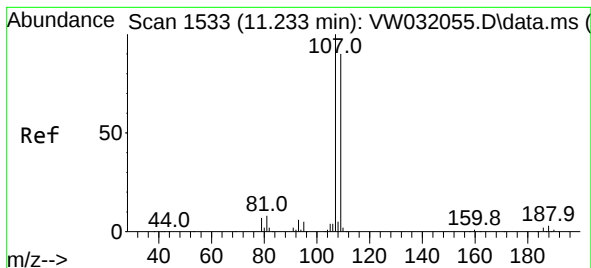
Tgt Ion: 43 Resp: 82830
Ion Ratio Lower Upper
43 100
58 54.2 28.3 85.0



#60
Dibromochloromethane
Concen: 9.776 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032053.D
Acq: 11 Aug 2025 09:09

Tgt Ion:129 Resp: 27954
Ion Ratio Lower Upper
129 100
127 77.7 39.0 116.9





#61

1,2-Dibromoethane

Concen: 9.926 ug/l

RT: 11.239 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

Instrument :

MSVOA_W

ClientSampleId :

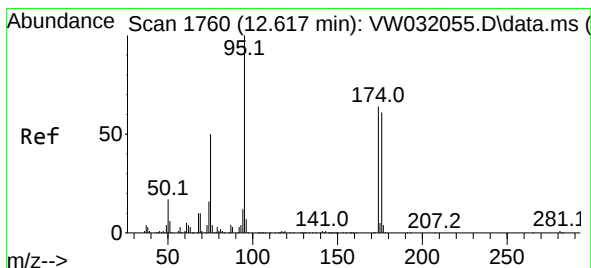
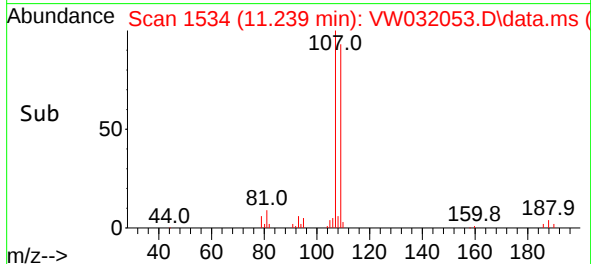
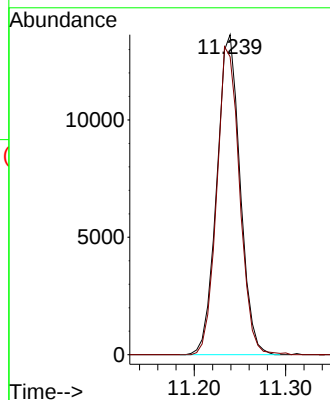
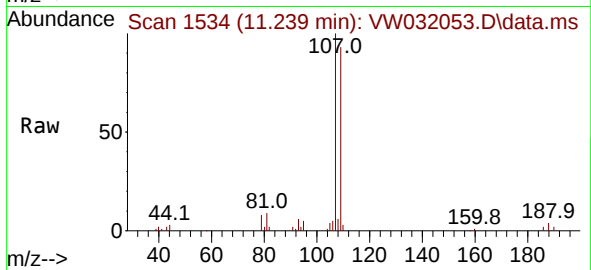
VSTDIC010

Tgt Ion:107 Resp: 24146

Ion Ratio Lower Upper

107 100

109 94.2 74.2 111.4



#62

4-Bromofluorobenzene

Concen: 9.778 ug/l

RT: 12.617 min Scan# 1760

Delta R.T. -0.000 min

Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

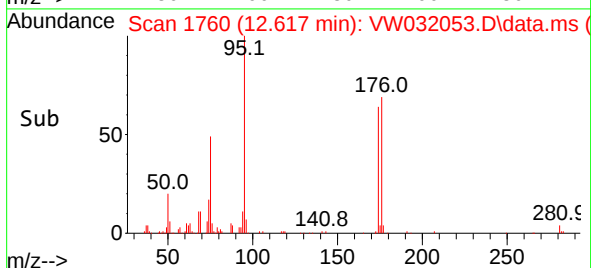
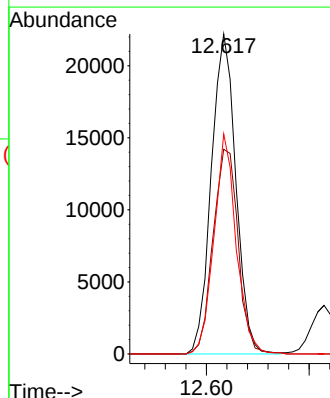
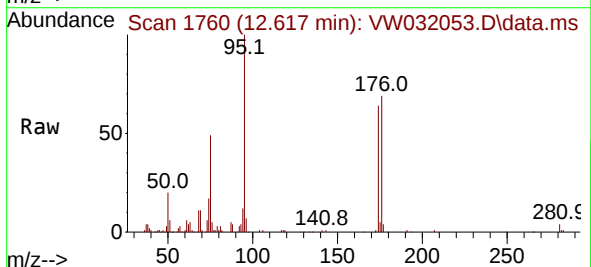
Tgt Ion: 95 Resp: 36748

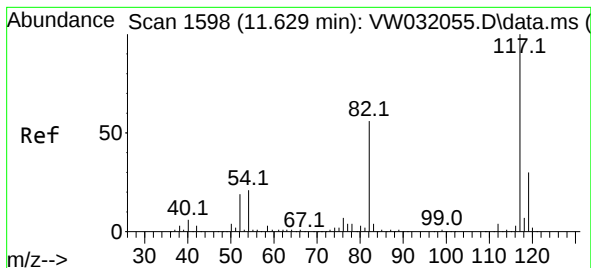
Ion Ratio Lower Upper

95 100

174 65.3 0.0 129.0

176 62.4 0.0 124.6

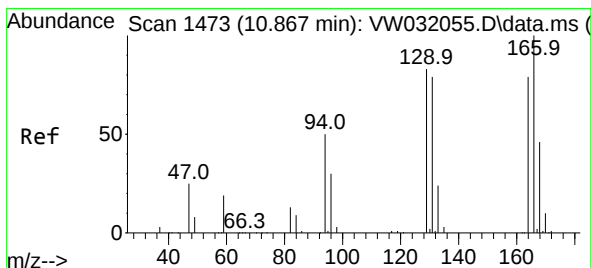
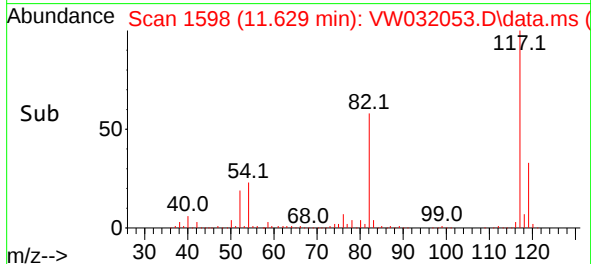
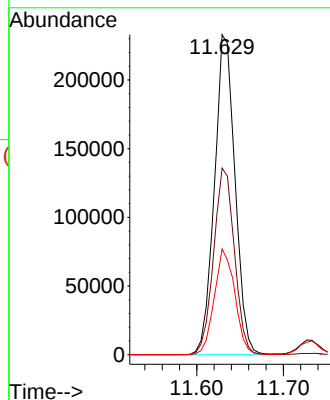
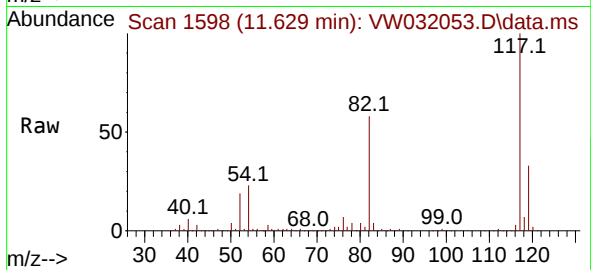




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 117
Delta R.T. -0.000 min
Lab File: VW032053.D
Acq: 11 Aug 2025 09:09

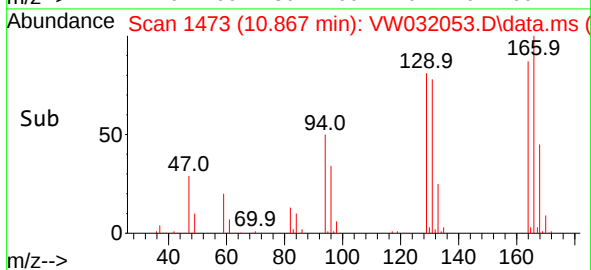
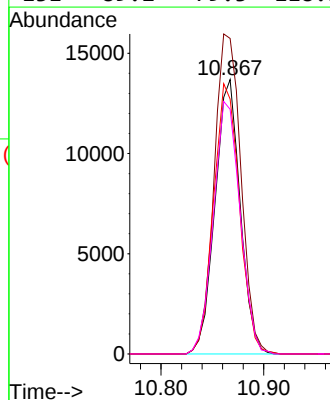
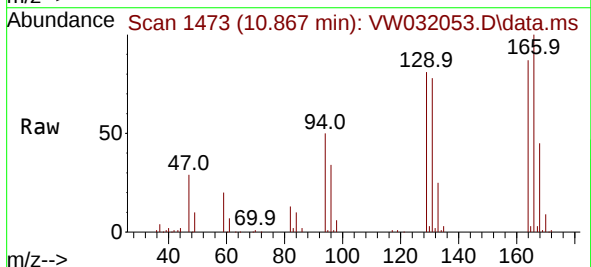
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

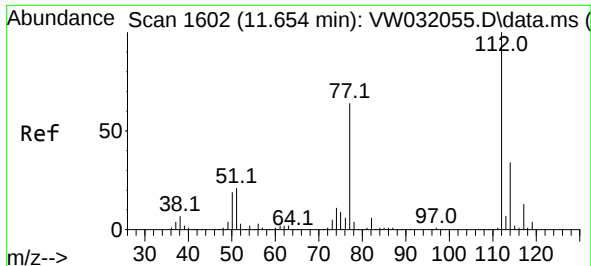
Tgt Ion:117 Resp: 385631
Ion Ratio Lower Upper
117 100
82 58.3 45.0 67.4
119 33.0 24.2 36.4



#64
Tetrachloroethene
Concen: 10.431 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VW032053.D
Acq: 11 Aug 2025 09:09

Tgt Ion:164 Resp: 23235
Ion Ratio Lower Upper
164 100
166 115.0 100.9 151.3
129 92.9 83.6 125.4
131 89.2 79.3 118.9

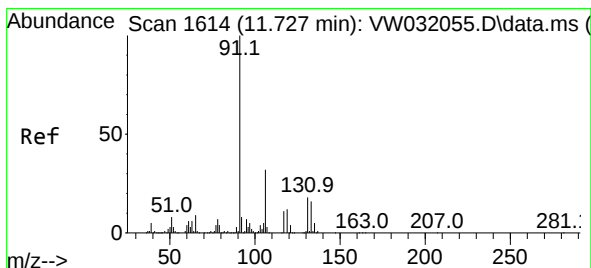
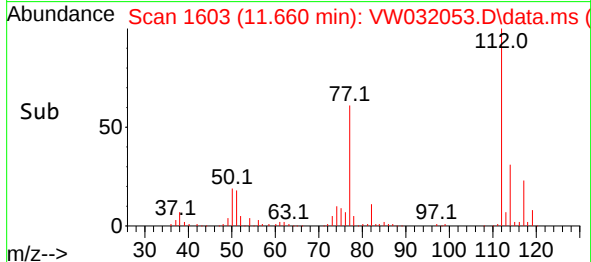
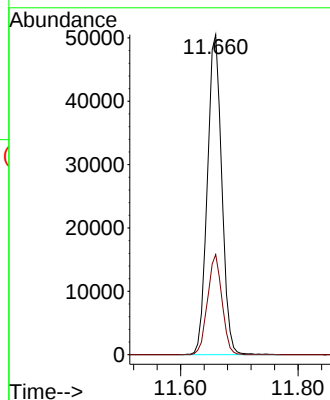
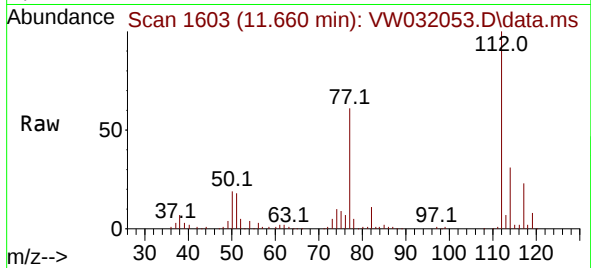




#65
Chlorobenzene
Concen: 10.257 ug/l
RT: 11.660 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VW032053.D
Acq: 11 Aug 2025 09:09

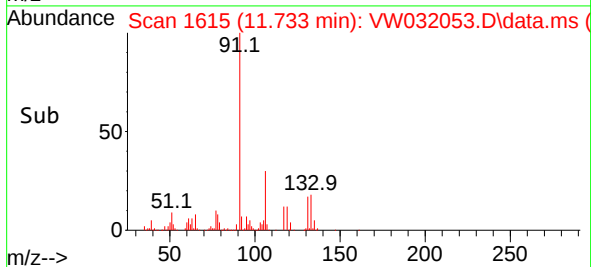
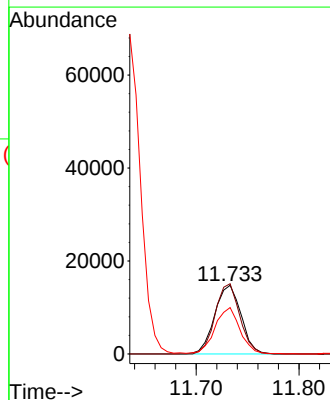
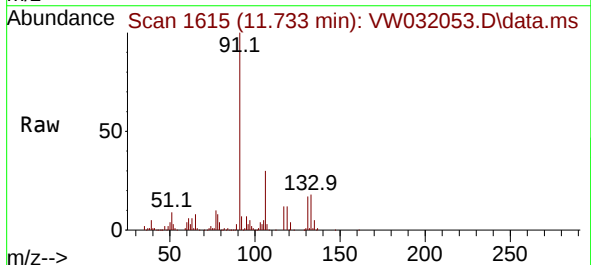
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

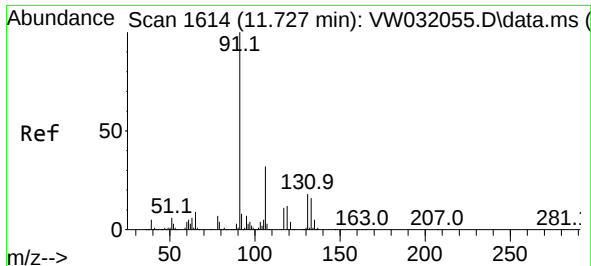
Tgt Ion:112 Resp: 86096
Ion Ratio Lower Upper
112 100
114 31.3 26.9 40.3



#66
1,1,1,2-Tetrachloroethane
Concen: 10.037 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW032053.D
Acq: 11 Aug 2025 09:09

Tgt Ion:131 Resp: 26286
Ion Ratio Lower Upper
131 100
133 95.6 47.3 142.0
119 64.5 34.5 103.5





#67

Ethyl Benzene

Concen: 9.794 ug/l

RT: 11.733 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

Instrument :

MSVOA_W

ClientSampleId :

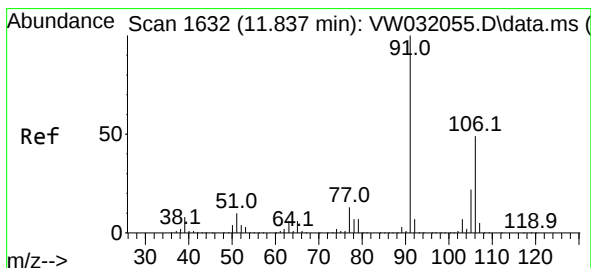
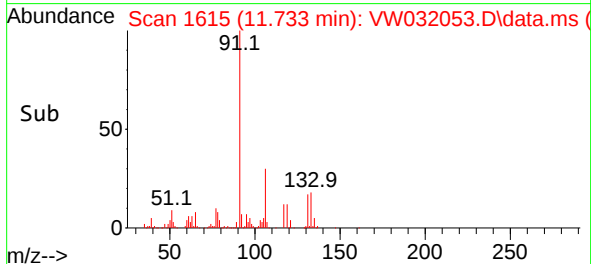
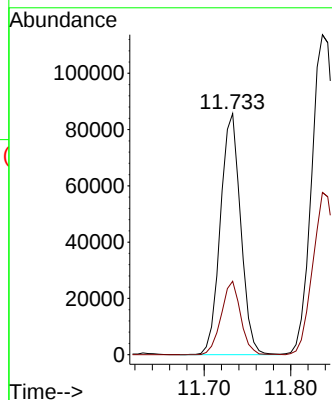
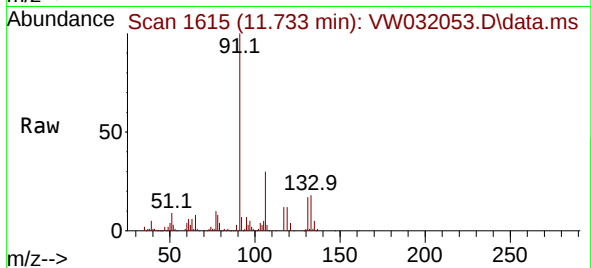
VSTDIC010

Tgt Ion: 91 Resp: 139254

Ion Ratio Lower Upper

91 100

106 30.5 25.4 38.0



#68

m/p-Xylenes

Concen: 19.866 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW032053.D

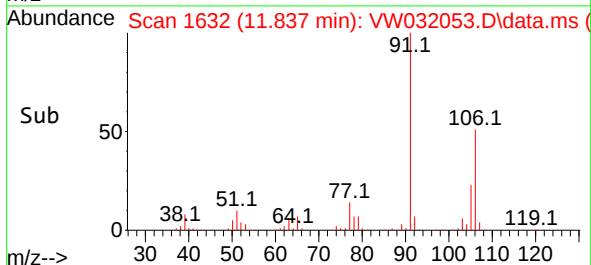
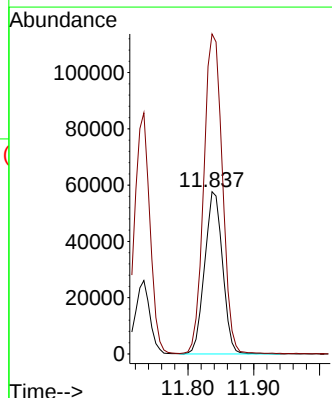
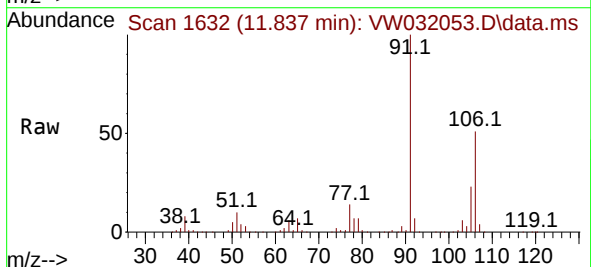
Acq: 11 Aug 2025 09:09

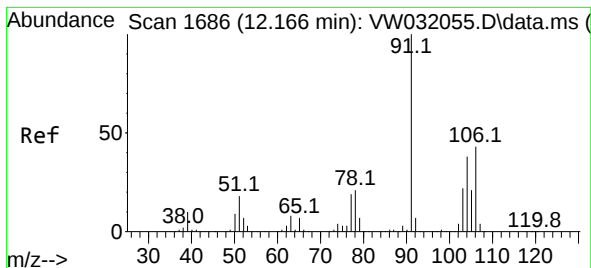
Tgt Ion:106 Resp: 108990

Ion Ratio Lower Upper

106 100

91 205.0 162.2 243.2





#69

o-Xylene

Concen: 9.714 ug/l

RT: 12.166 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

Instrument :

MSVOA_W

ClientSampleId :

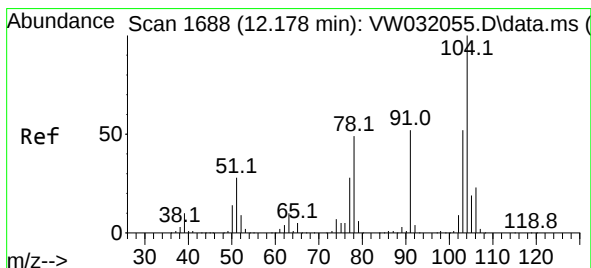
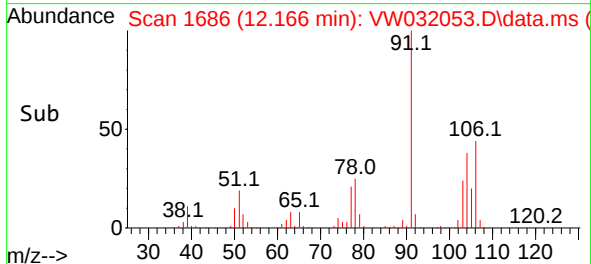
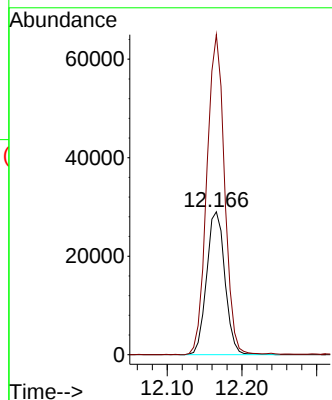
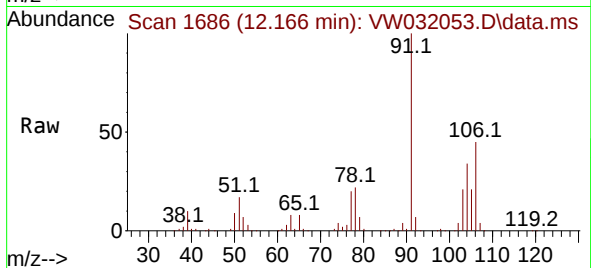
VSTDIC010

Tgt Ion:106 Resp: 49259

Ion Ratio Lower Upper

106 100

91 216.8 110.8 332.3



#70

Styrene

Concen: 9.719 ug/l

RT: 12.184 min Scan# 1689

Delta R.T. 0.006 min

Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

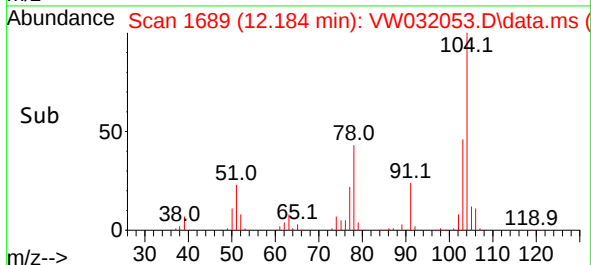
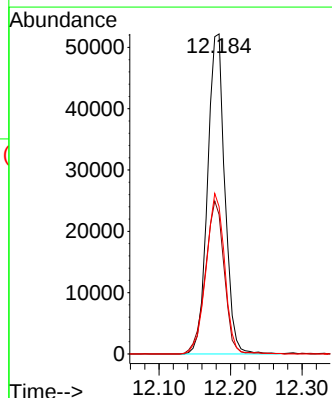
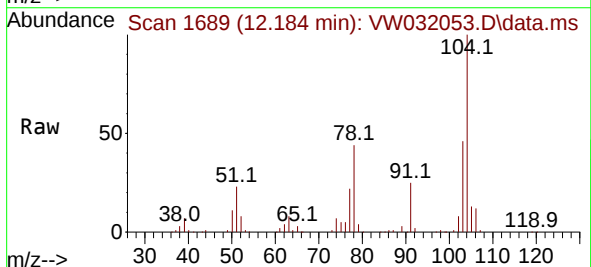
Tgt Ion:104 Resp: 87542

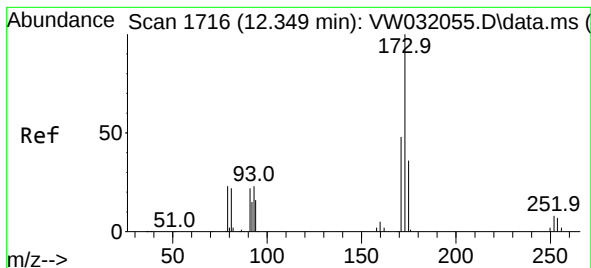
Ion Ratio Lower Upper

104 100

78 52.1 41.2 61.8

103 53.8 43.8 65.8





#71

Bromoform

Concen: 9.711 ug/l

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

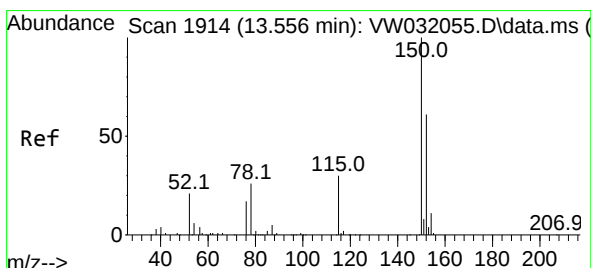
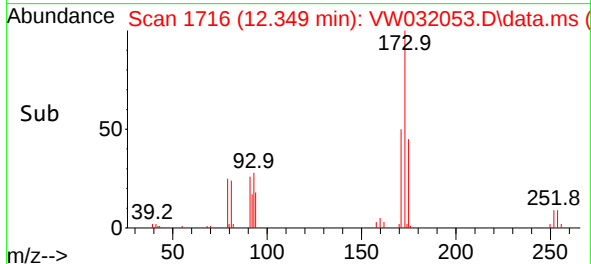
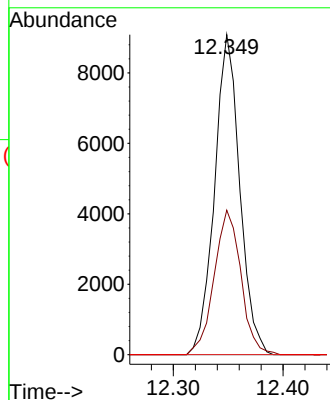
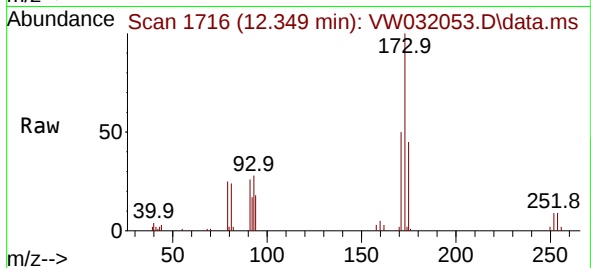
Tgt Ion:173 Resp: 14547

Ion Ratio Lower Upper

173 100

175 47.8 22.9 68.7

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

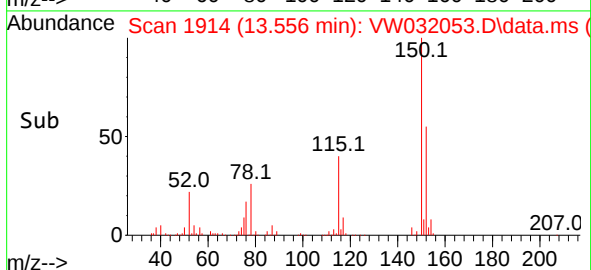
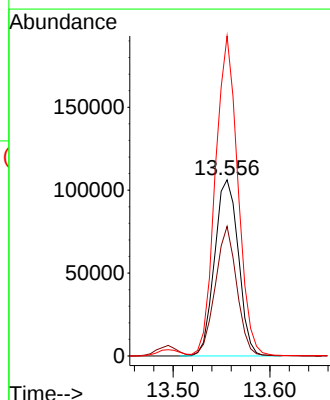
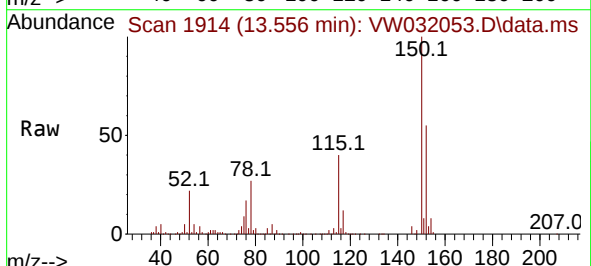
Tgt Ion:152 Resp: 181281

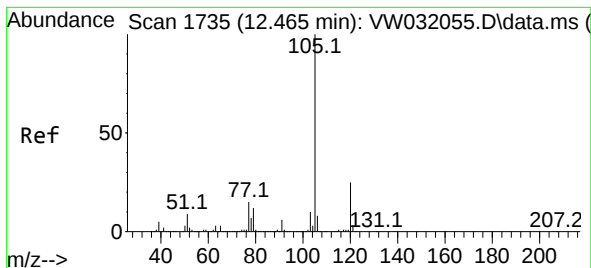
Ion Ratio Lower Upper

152 100

115 66.5 32.6 97.8

150 171.8 0.0 359.4





#73

Isopropylbenzene

Concen: 9.886 ug/l

RT: 12.464 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

Instrument :

MSVOA_W

ClientSampleId :

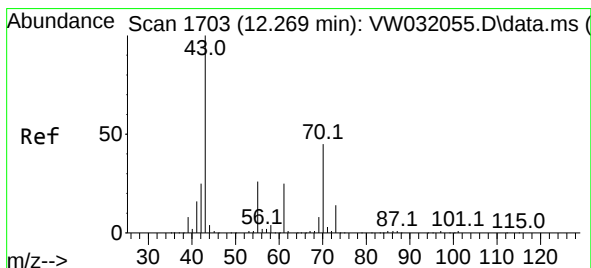
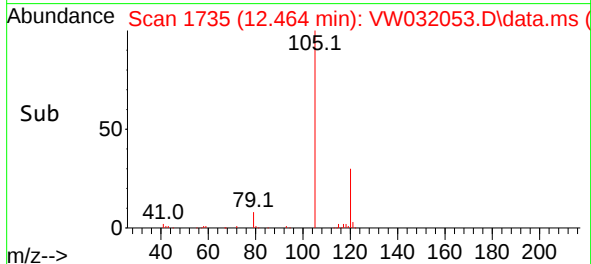
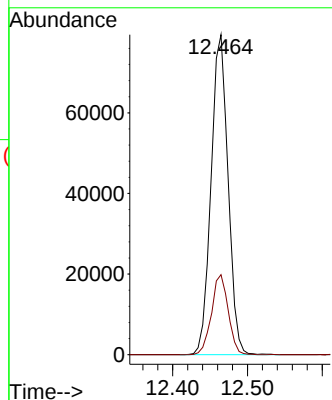
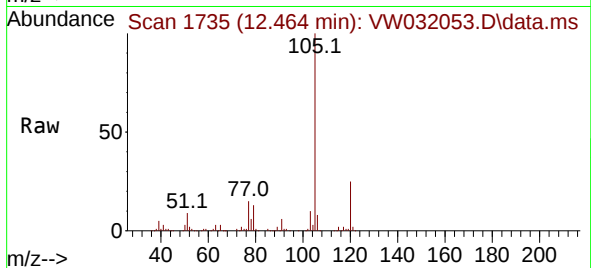
VSTDIC010

Tgt Ion:105 Resp: 125246

Ion Ratio Lower Upper

105 100

120 24.6 12.8 38.4



#74

N-ethyl acetate

Concen: 9.804 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

Tgt Ion: 43 Resp: 35636

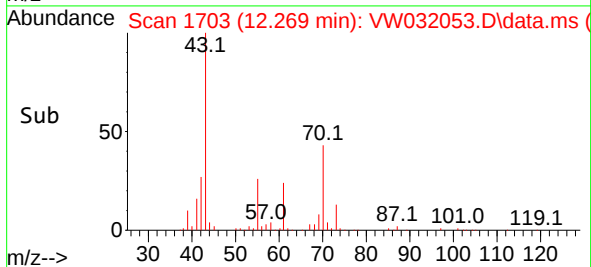
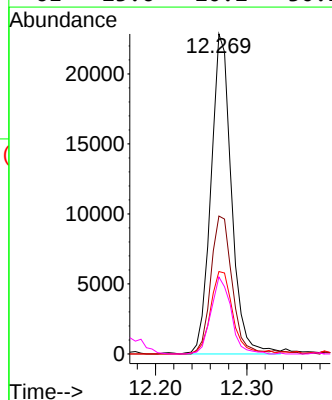
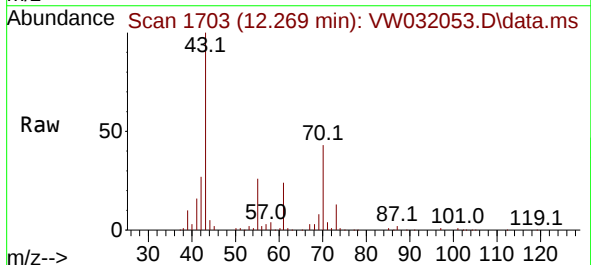
Ion Ratio Lower Upper

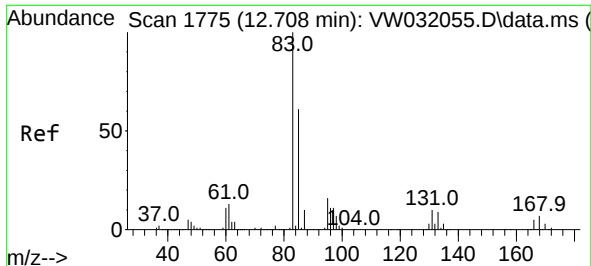
43 100

70 44.7 37.0 55.4

55 28.3 21.1 31.7

61 23.6 20.2 30.2

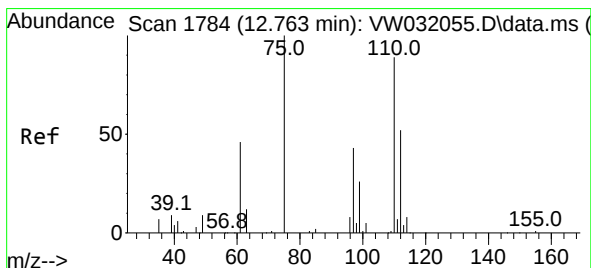
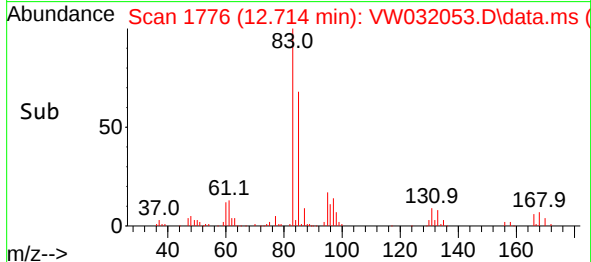
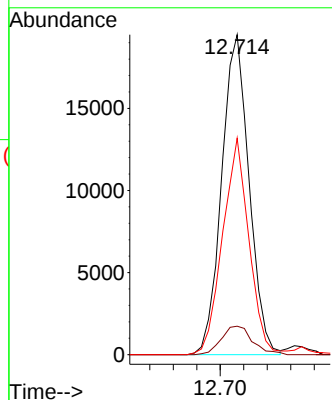
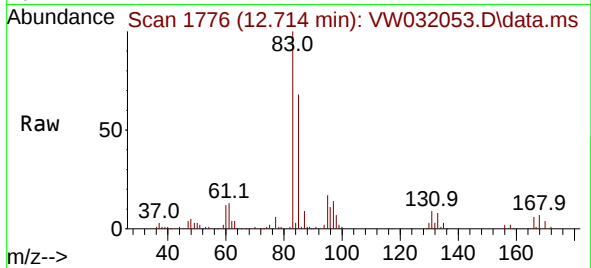




#75
1,1,2,2-Tetrachloroethane
Concen: 10.499 ug/l
RT: 12.714 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VW032053.D
Acq: 11 Aug 2025 09:09

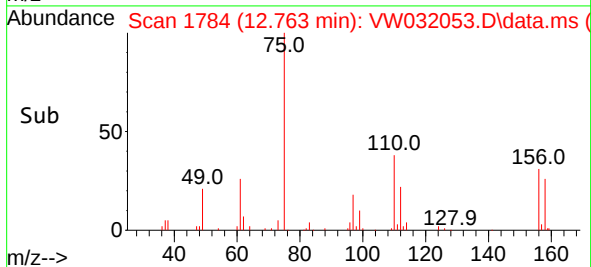
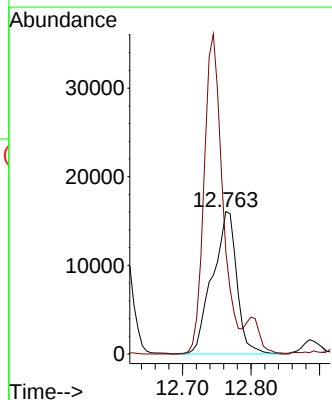
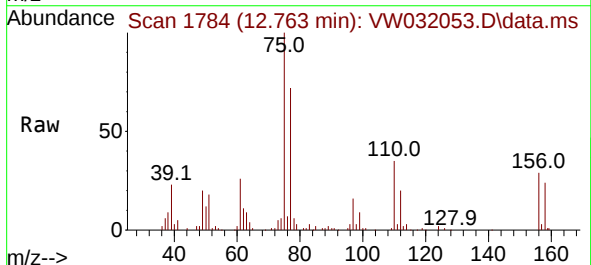
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

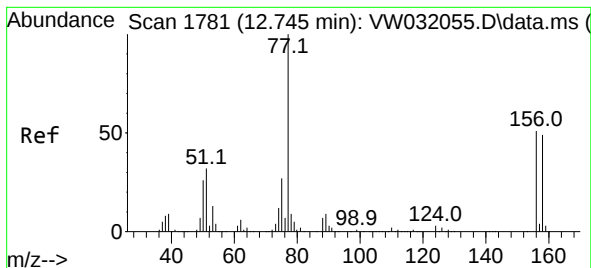
Tgt Ion: 83 Resp: 31581
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.4
85 65.0 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 14.180 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032053.D
Acq: 11 Aug 2025 09:09

Tgt Ion: 75 Resp: 39515
Ion Ratio Lower Upper
75 100
77 173.7 123.5 370.5





#77

Bromobenzene

Concen: 10.462 ug/l

RT: 12.745 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

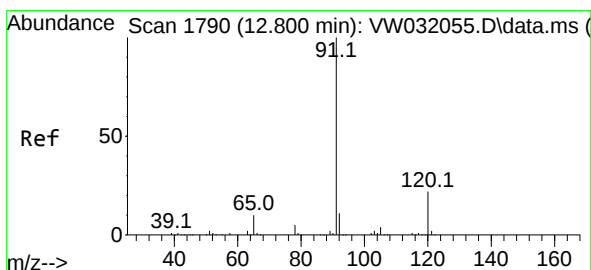
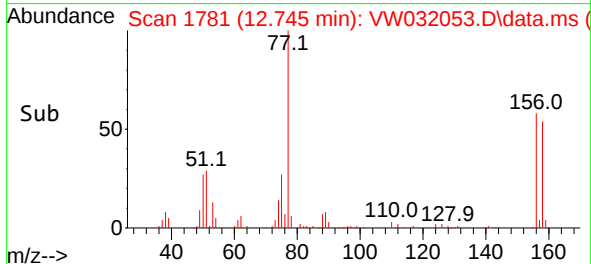
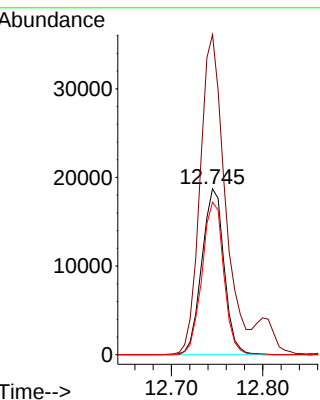
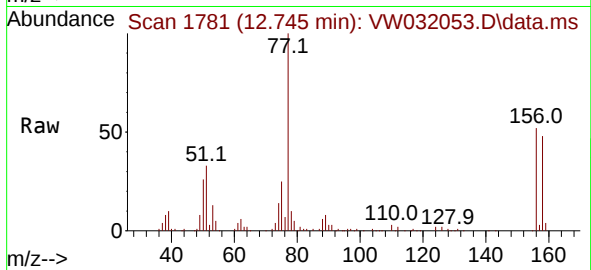
Tgt Ion:156 Resp: 31656

Ion Ratio Lower Upper

156 100

77 216.8 108.7 326.3

158 90.0 48.3 144.9



#78

n-propylbenzene

Concen: 10.019 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VW032053.D

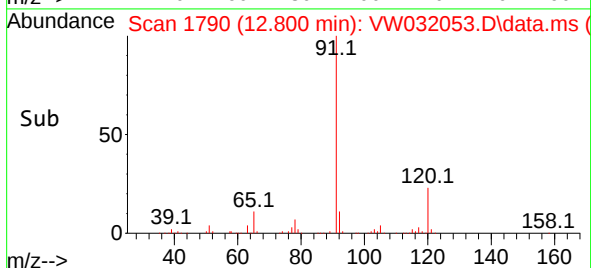
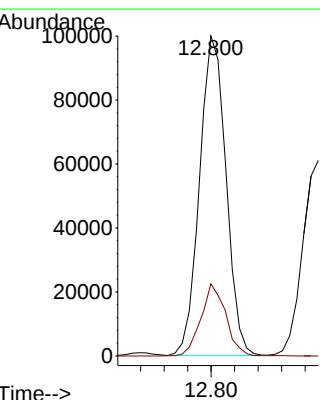
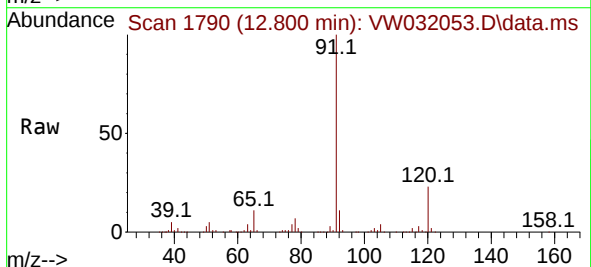
Acq: 11 Aug 2025 09:09

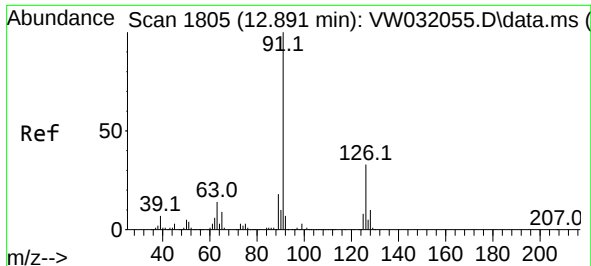
Tgt Ion: 91 Resp: 156266

Ion Ratio Lower Upper

91 100

120 21.1 11.1 33.3

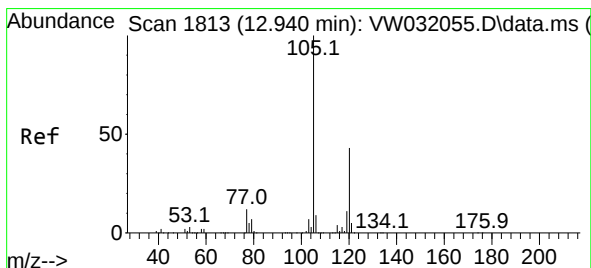
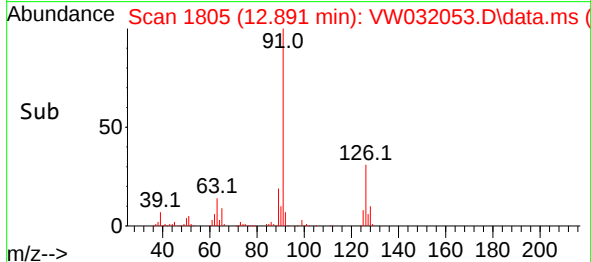
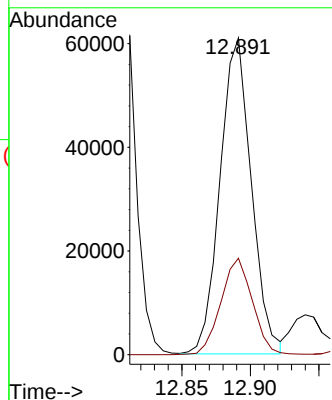
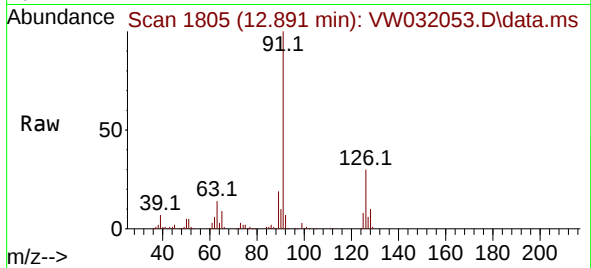




#79
2-Chlorotoluene
Concen: 10.071 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VW032053.D
Acq: 11 Aug 2025 09:09

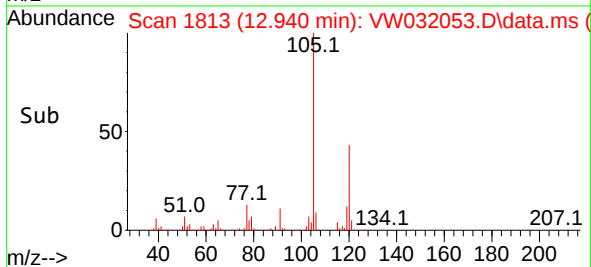
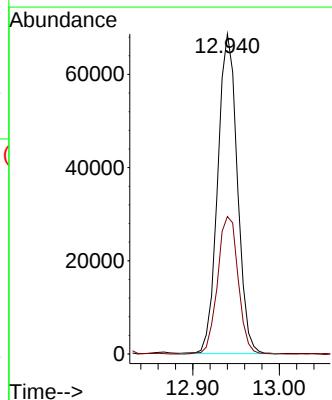
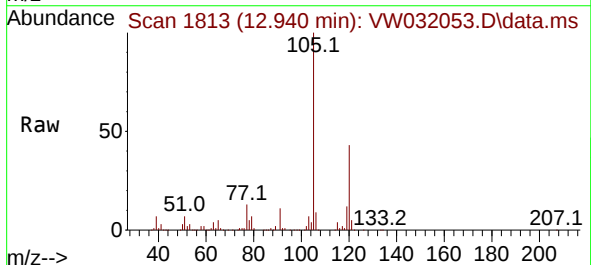
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

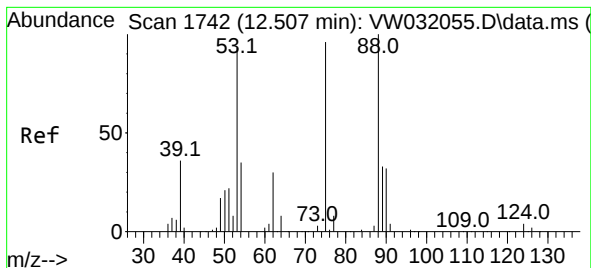
Tgt Ion: 91 Resp: 96942
Ion Ratio Lower Upper
91 100
126 30.8 15.9 47.7



#80
1,3,5-Trimethylbenzene
Concen: 10.053 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032053.D
Acq: 11 Aug 2025 09:09

Tgt Ion: 105 Resp: 108123
Ion Ratio Lower Upper
105 100
120 45.0 23.4 70.0

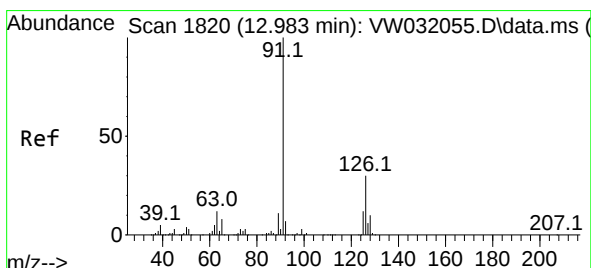
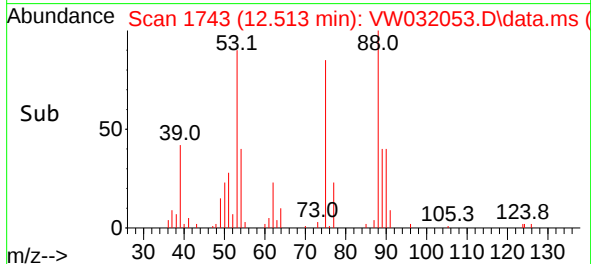
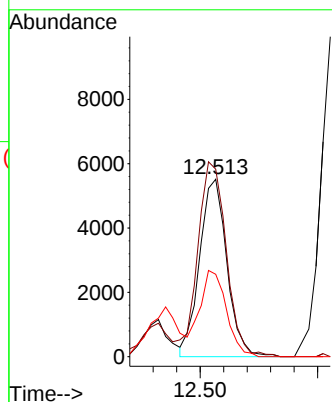
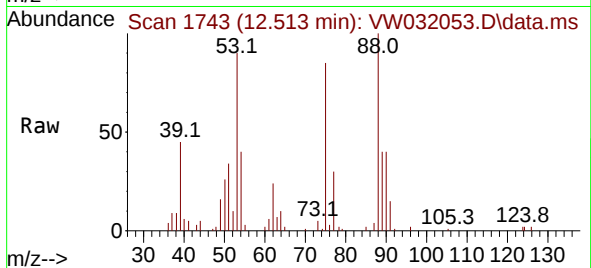




#81
trans-1,4-Dichloro-2-butene
Concen: 9.403 ug/l
RT: 12.513 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032053.D
Acq: 11 Aug 2025 09:09

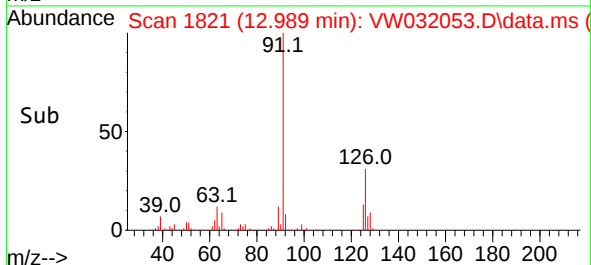
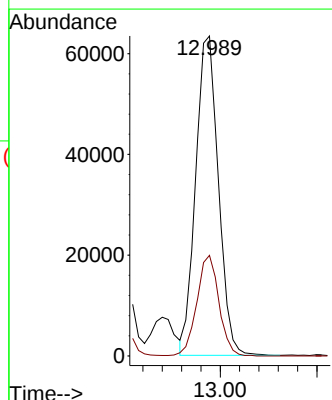
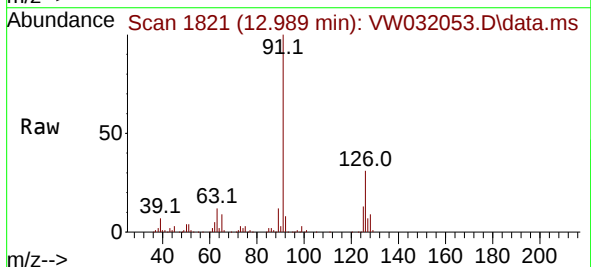
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

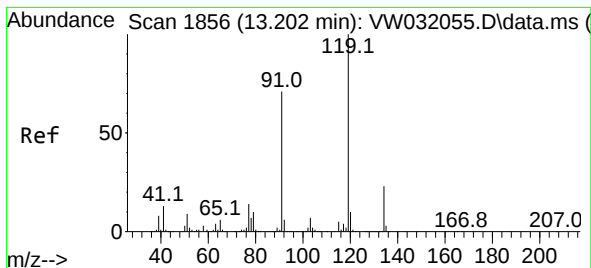
Tgt Ion: 75 Resp: 8936
Ion Ratio Lower Upper
75 100
53 115.3 81.0 121.6
89 47.3 37.3 55.9



#82
4-Chlorotoluene
Concen: 10.103 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW032053.D
Acq: 11 Aug 2025 09:09

Tgt Ion: 91 Resp: 103329
Ion Ratio Lower Upper
91 100
126 30.8 15.5 46.5

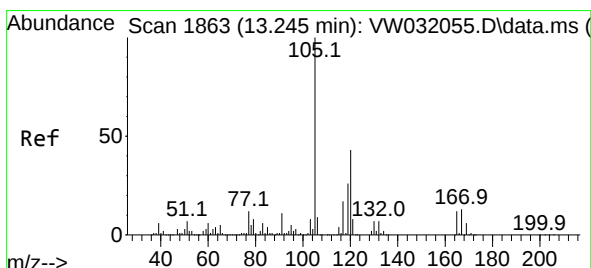
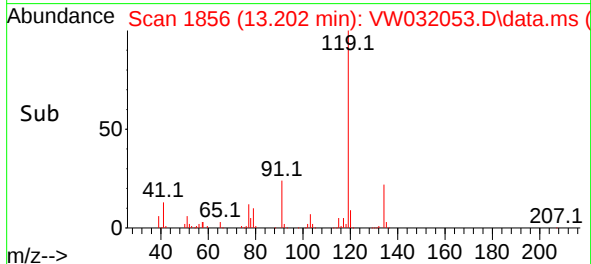
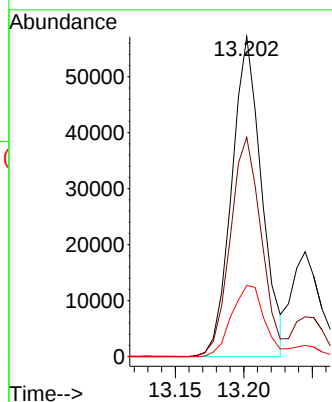
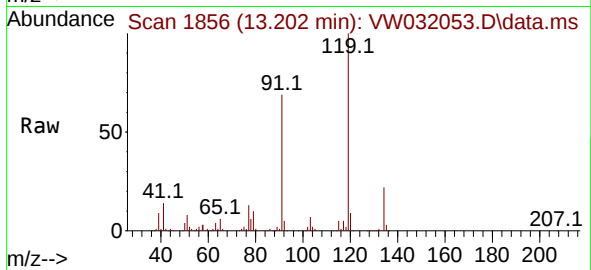




#83
tert-Butylbenzene
Concen: 9.729 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW032053.D
Acq: 11 Aug 2025 09:09

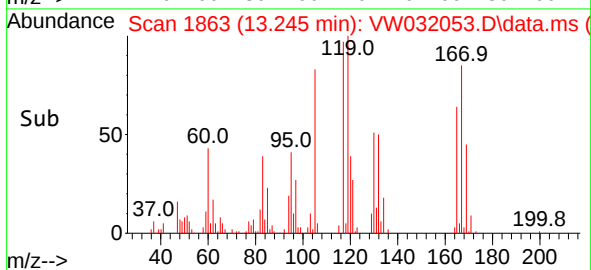
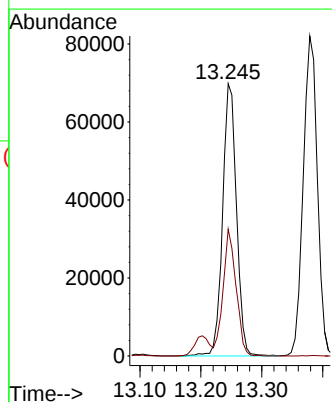
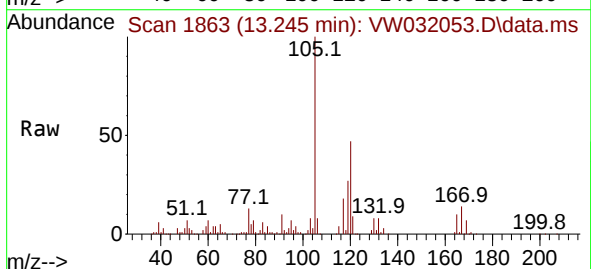
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

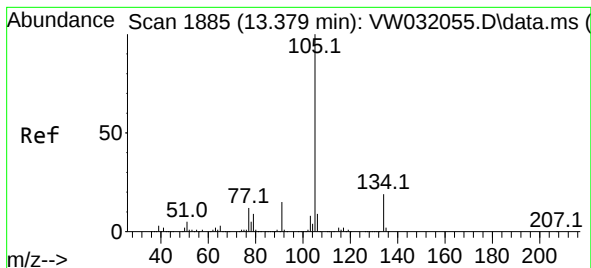
Tgt Ion:119 Resp: 86848
Ion Ratio Lower Upper
119 100
91 70.7 35.3 105.9
134 24.8 12.1 36.3



#84
1,2,4-Trimethylbenzene
Concen: 10.110 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW032053.D
Acq: 11 Aug 2025 09:09

Tgt Ion:105 Resp: 110697
Ion Ratio Lower Upper
105 100
120 43.5 21.6 64.8





#85

sec-Butylbenzene

Concen: 9.756 ug/l

RT: 13.379 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

Instrument :

MSVOA_W

ClientSampleId :

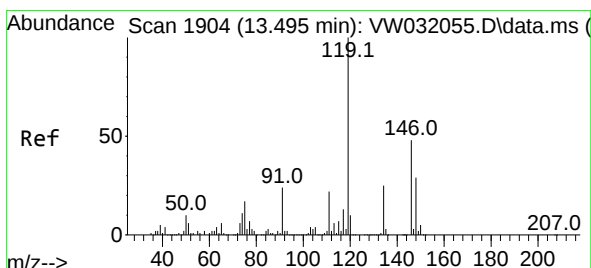
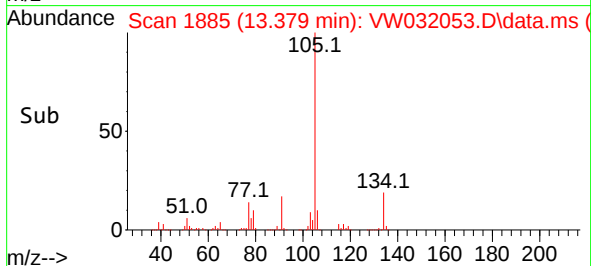
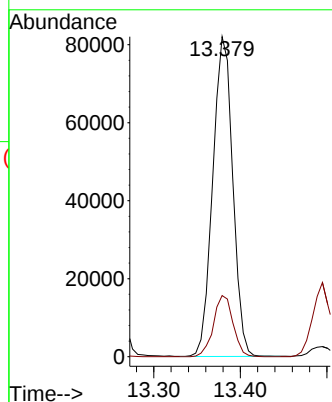
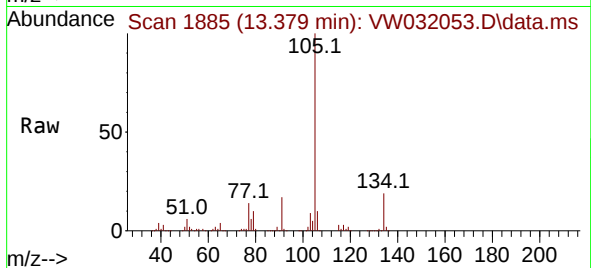
VSTDIC010

Tgt Ion:105 Resp: 131663

Ion Ratio Lower Upper

105 100

134 18.7 9.9 29.7



#86

p-Isopropyltoluene

Concen: 9.827 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

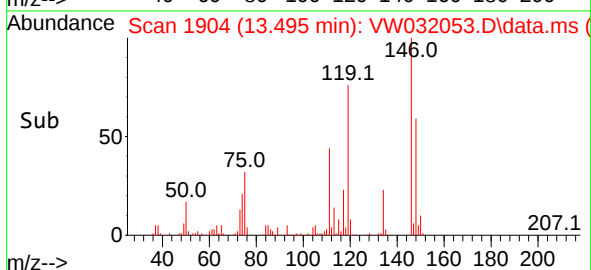
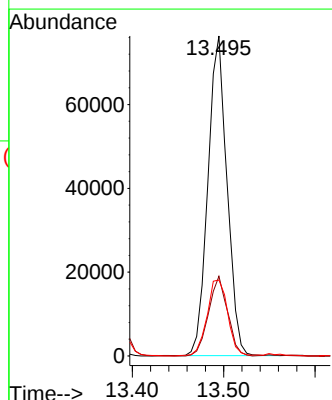
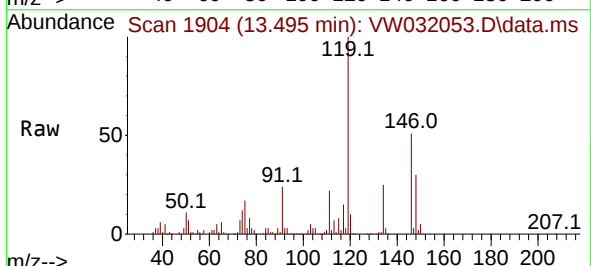
Tgt Ion:119 Resp: 110557

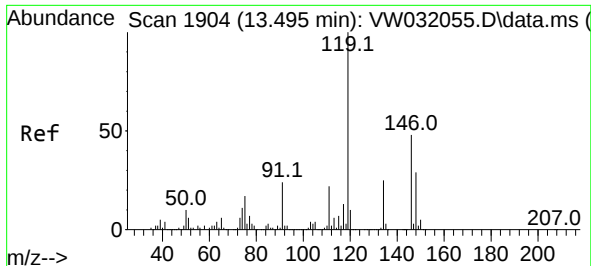
Ion Ratio Lower Upper

119 100

134 24.8 12.4 37.0

91 25.8 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 10.361 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

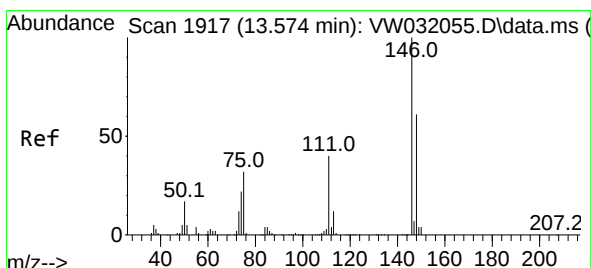
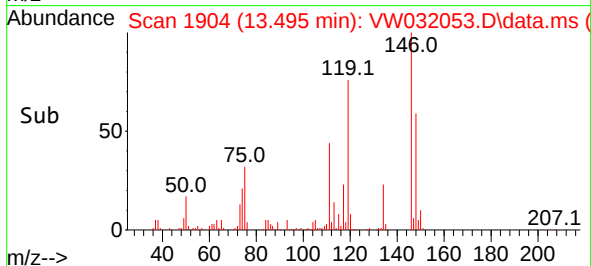
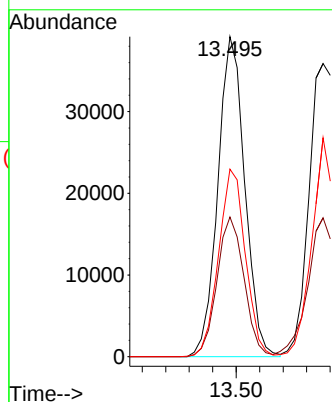
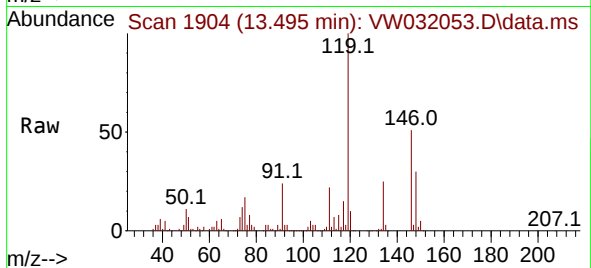
Tgt Ion:146 Resp: 62383

Ion Ratio Lower Upper

146 100

111 43.9 21.2 63.6

148 58.5 30.3 90.8



#88

1,4-Dichlorobenzene

Concen: 10.328 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

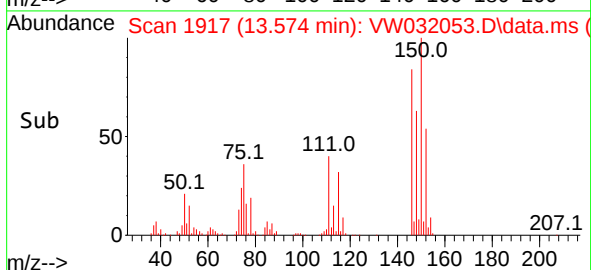
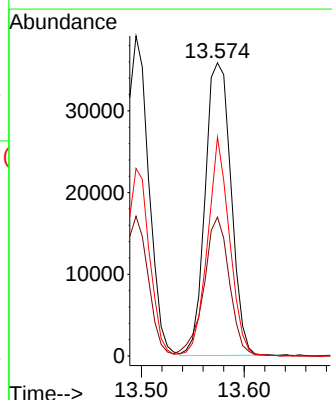
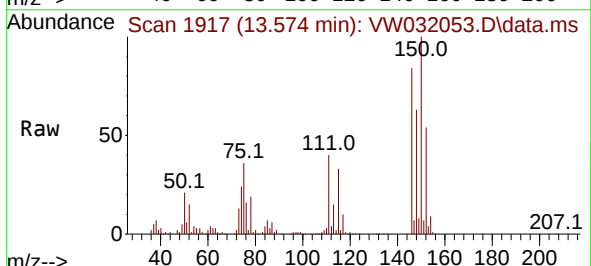
Tgt Ion:146 Resp: 62843

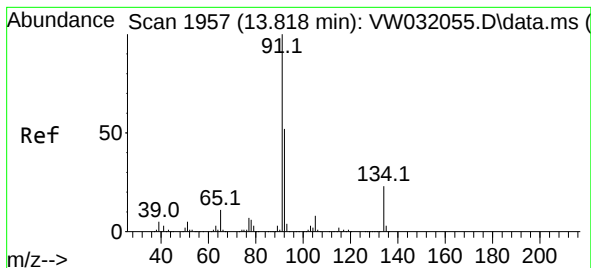
Ion Ratio Lower Upper

146 100

111 46.7 21.6 64.6

148 63.8 32.0 96.2





#89

n-Butylbenzene

Concen: 9.881 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

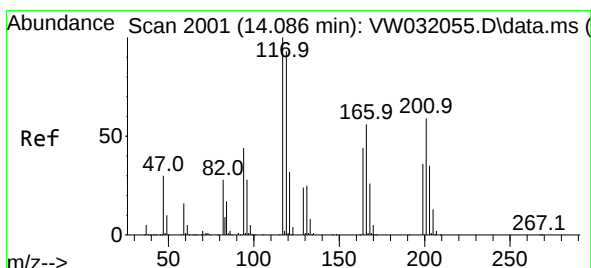
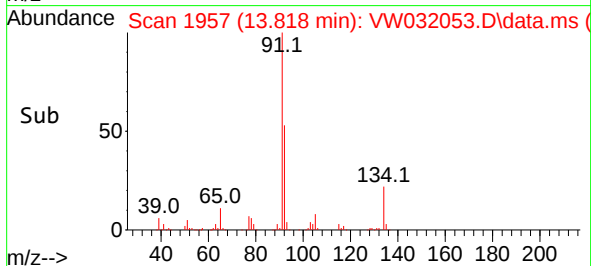
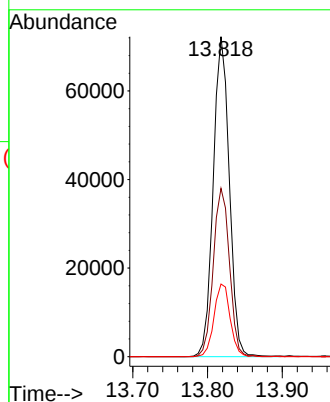
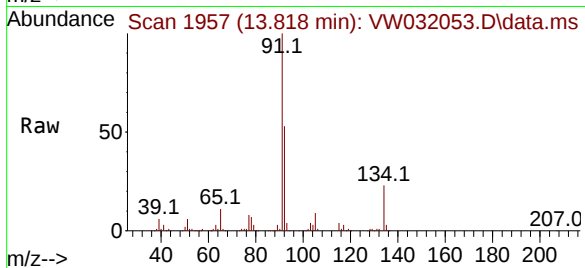
Tgt Ion: 91 Resp: 108004

Ion Ratio Lower Upper

91 100

92 53.0 26.7 80.1

134 22.8 12.0 36.1



#90

Hexachloroethane

Concen: 9.805 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. -0.000 min

Lab File: VW032053.D

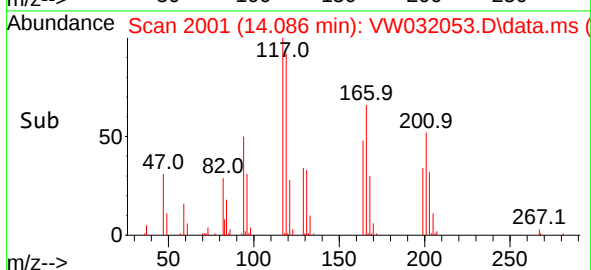
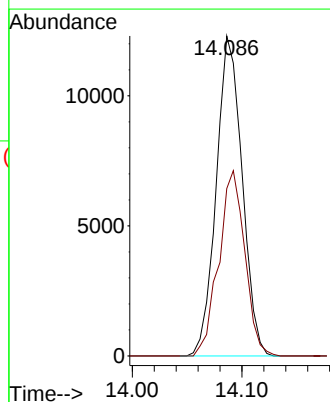
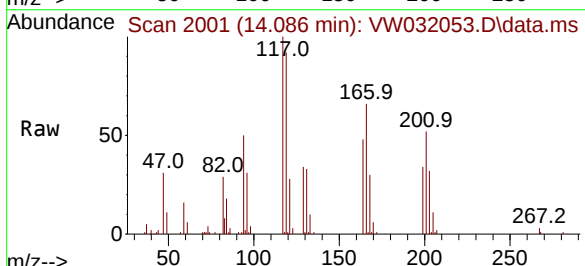
Acq: 11 Aug 2025 09:09

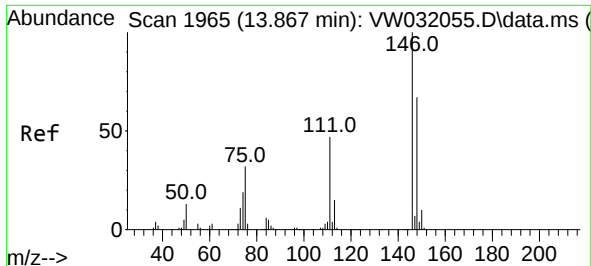
Tgt Ion: 117 Resp: 20175

Ion Ratio Lower Upper

117 100

201 58.3 30.9 92.5





#91

1,2-Dichlorobenzene

Concen: 10.359 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

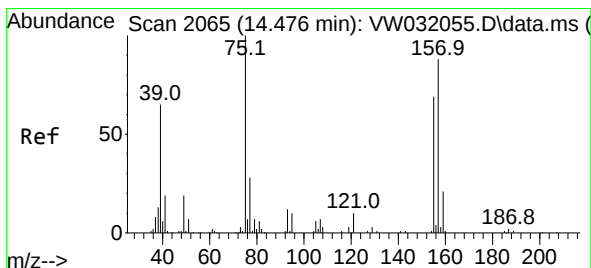
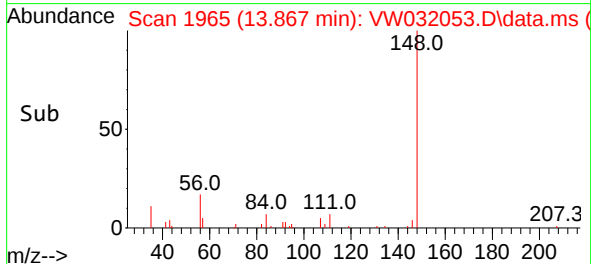
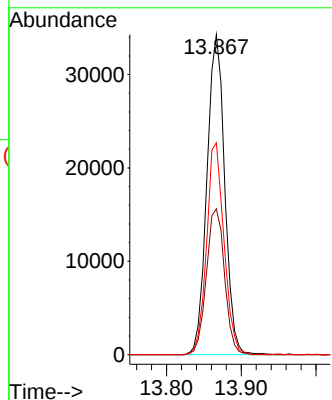
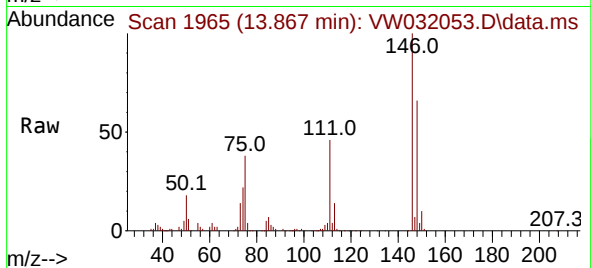
Tgt Ion:146 Resp: 56501

Ion Ratio Lower Upper

146 100

111 46.8 23.1 69.3

148 64.9 32.9 98.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 9.920 ug/l

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

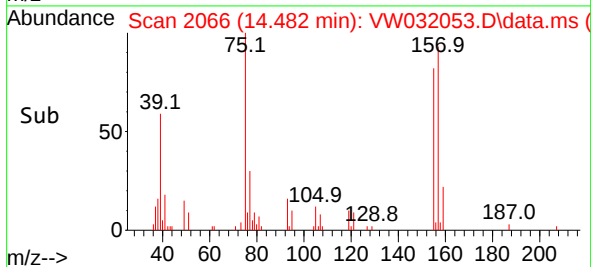
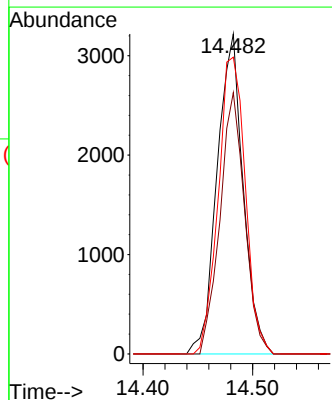
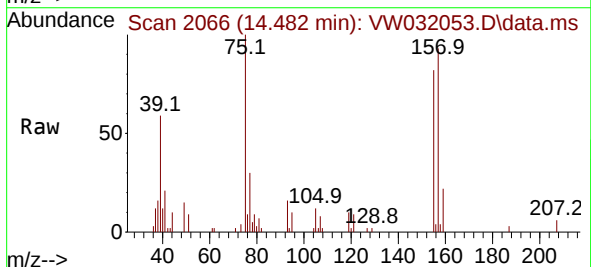
Tgt Ion: 75 Resp: 5305

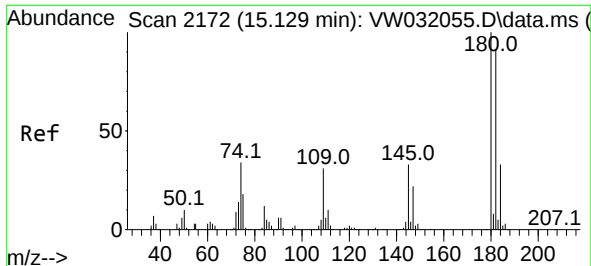
Ion Ratio Lower Upper

75 100

155 77.5 35.2 105.6

157 96.6 47.5 142.6





#93

1,2,4-Trichlorobenzene

Concen: 9.751 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

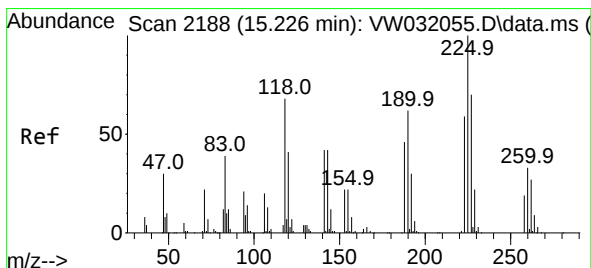
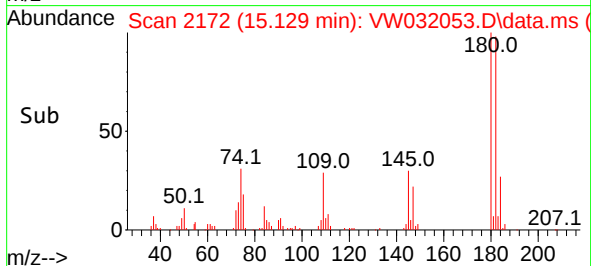
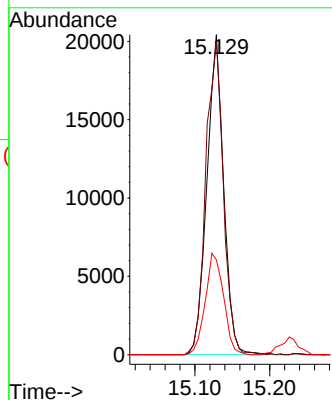
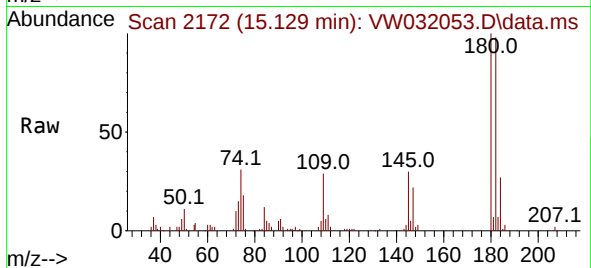
Tgt Ion:180 Resp: 31816

Ion Ratio Lower Upper

180 100

182 102.4 49.0 147.0

145 34.6 17.3 51.9



#94

Hexachlorobutadiene

Concen: 10.276 ug/l

RT: 15.232 min Scan# 2189

Delta R.T. 0.006 min

Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

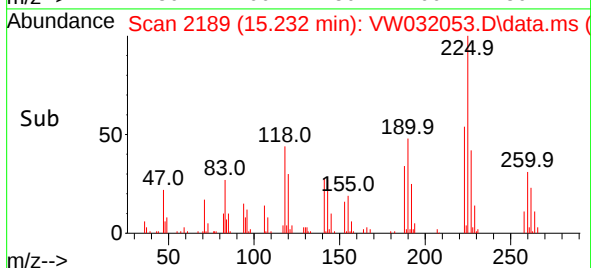
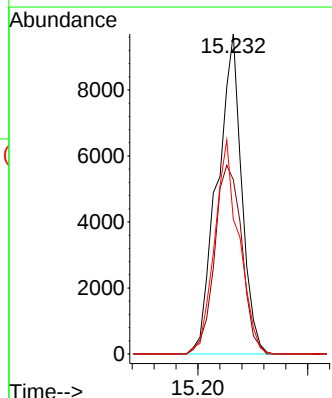
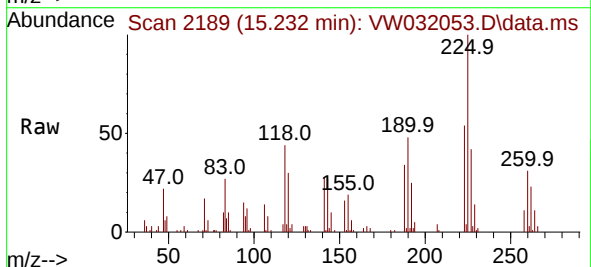
Tgt Ion:225 Resp: 14987

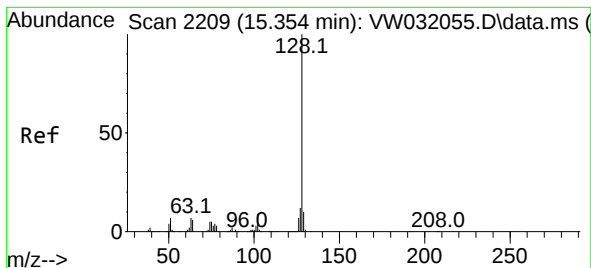
Ion Ratio Lower Upper

225 100

223 65.5 31.8 95.3

227 66.4 33.5 100.5





#95

Naphthalene

Concen: 9.542 ug/l

RT: 15.360 min Scan# 2209

Delta R.T. 0.006 min

Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

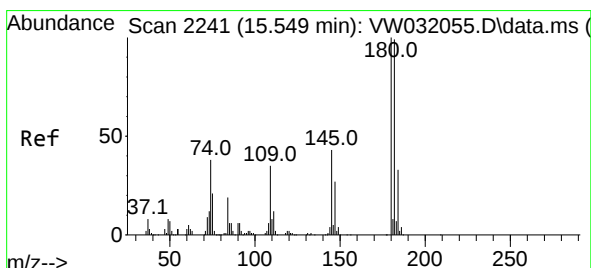
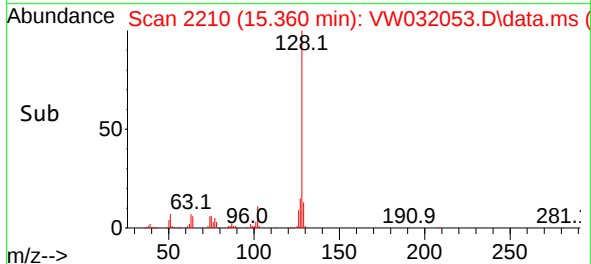
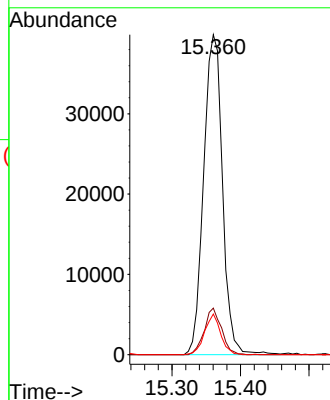
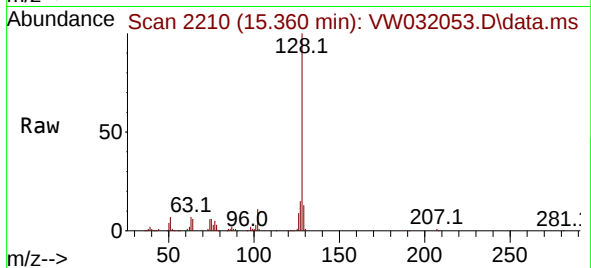
Tgt Ion:128 Resp: 76287

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 10.9 8.2 12.4



#96

1,2,3-Trichlorobenzene

Concen: 9.660 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW032053.D

Acq: 11 Aug 2025 09:09

Tgt Ion:180 Resp: 28678

Ion Ratio Lower Upper

180 100

182 91.5 46.0 138.0

145 37.6 19.2 57.6

