

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082525\
 Data File : VW032128.D
 Acq On : 25 Aug 2025 12:55
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 26 04:05:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082525S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 26 04:03:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	230907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	383996	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	359504	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	180824	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.325	65	29934	9.441	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	18.880%#
35) Dibromofluoromethane	7.898	113	25576	9.811	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	19.620%#
50) Toluene-d8	10.324	98	87358	9.392	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	18.780%#
62) 4-Bromofluorobenzene	12.617	95	32873	9.522	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	19.040%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.045	85	16022	10.566	ug/l	94
3) Chloromethane	2.253	50	16748	10.187	ug/l	99
4) Vinyl Chloride	2.405	62	20906	10.417	ug/l	99
5) Bromomethane	2.826	94	18590	10.276	ug/l	93
6) Chloroethane	2.978	64	13691	9.614	ug/l	99
7) Trichlorofluoromethane	3.307	101	20536	10.137	ug/l	94
8) Diethyl Ether	3.722	74	14586	9.849	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.106	101	23355	10.454	ug/l	98
10) Methyl Iodide	4.319	142	33586	9.788	ug/l	99
11) Tert butyl alcohol	5.222	59	9069	45.800	ug/l	99
12) 1,1-Dichloroethene	4.082	96	23958	10.039	ug/l	95
13) Acrolein	3.935	56	7608	62.024	ug/l	90
14) Allyl chloride	4.710	41	33349	9.877	ug/l	98
15) Acrylonitrile	5.398	53	32562	44.580	ug/l	96
16) Acetone	4.167	43	39134	52.462	ug/l	96
17) Carbon Disulfide	4.417	76	60762	10.176	ug/l	97
18) Methyl Acetate	4.716	43	18650	8.781	ug/l	96
19) Methyl tert-butyl Ether	5.465	73	41756	9.374	ug/l	99
20) Methylene Chloride	4.953	84	39627	13.199	ug/l	93
21) trans-1,2-Dichloroethene	5.465	96	26022	9.775	ug/l	95
22) Diisopropyl ether	6.343	45	69895	9.396	ug/l	98
23) Vinyl Acetate	6.289	43	233771	45.819	ug/l	98
24) 1,1-Dichloroethane	6.246	63	47349	9.956	ug/l	99
25) 2-Butanone	7.197	43	46823	45.279	ug/l	100
26) 2,2-Dichloropropane	7.191	77	25186	9.678	ug/l	97
27) cis-1,2-Dichloroethene	7.197	96	30286	9.406	ug/l	97
28) Bromochloromethane	7.526	49	20625	9.359	ug/l	100
29) Tetrahydrofuran	7.557	42	28473	44.664	ug/l	98
30) Chloroform	7.697	83	52361	9.623	ug/l	99
31) Cyclohexane	7.965	56	42177	10.606	ug/l #	91
32) 1,1,1-Trichloroethane	7.886	97	39163	9.906	ug/l	97
36) 1,1-Dichloropropene	8.099	75	35459	10.323	ug/l	98
37) Ethyl Acetate	7.276	43	21276	10.082	ug/l	99
38) Carbon Tetrachloride	8.087	117	37140	10.200	ug/l	98
39) Methylcyclohexane	9.343	83	40884	10.008	ug/l	99
40) Benzene	8.337	78	107660	10.178	ug/l	94

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	11083	9.639	ug/l	93
42) 1,2-Dichloroethane	8.416	62	35884	9.752	ug/l	99
43) Isopropyl Acetate	8.434	43	35468	9.119	ug/l	98
44) Trichloroethene	9.105	130	27452	10.075	ug/l	95
45) 1,2-Dichloropropane	9.373	63	25157	9.879	ug/l	98
46) Dibromomethane	9.471	93	17456	9.828	ug/l	99
47) Bromodichloromethane	9.654	83	39551	9.823	ug/l	98
48) Methyl methacrylate	9.440	41	16164	8.845	ug/l	95
49) 1,4-Dioxane	9.465	88	3841	163.223	ug/l	92
51) 4-Methyl-2-Pentanone	10.215	43	99587	45.442	ug/l	100
52) Toluene	10.391	92	68700	9.993	ug/l	100
53) t-1,3-Dichloropropene	10.611	75	32578	9.006	ug/l	95
54) cis-1,3-Dichloropropene	10.081	75	38622	9.359	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	22402	9.658	ug/l	93
56) Ethyl methacrylate	10.647	69	26280	8.739	ug/l	98
57) 1,3-Dichloropropane	10.934	76	37973	9.809	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	73104	45.094	ug/l	98
59) 2-Hexanone	10.971	43	69676	44.708	ug/l	99
60) Dibromochloromethane	11.129	129	26774	9.528	ug/l	97
61) 1,2-Dibromoethane	11.239	107	22162	9.626	ug/l	96
64) Tetrachloroethene	10.867	164	24817	10.391	ug/l	89
65) Chlorobenzene	11.660	112	79508	9.785	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.733	131	24375	9.299	ug/l	97
67) Ethyl Benzene	11.727	91	127591	9.493	ug/l	96
68) m/p-Xylenes	11.836	106	101062	19.488	ug/l	100
69) o-Xylene	12.166	106	47196	9.610	ug/l	94
70) Styrene	12.184	104	79383	9.324	ug/l	98
71) Bromoform	12.348	173	13738	8.732	ug/l #	97
73) Isopropylbenzene	12.464	105	115553	9.603	ug/l	100
74) N-amyl acetate	12.269	43	31030	8.868	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.714	83	28233	9.899	ug/l	99
76) 1,2,3-Trichloropropane	12.769	75	33344	15.023	ug/l #	1
77) Bromobenzene	12.751	156	29004	9.378	ug/l	85
78) n-propylbenzene	12.800	91	145659	9.824	ug/l	99
79) 2-Chlorotoluene	12.891	91	89164	9.901	ug/l	97
80) 1,3,5-Trimethylbenzene	12.940	105	100239	9.757	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.513	75	7676	9.032	ug/l	92
82) 4-Chlorotoluene	12.989	91	94107	9.889	ug/l	99
83) tert-Butylbenzene	13.202	119	83161	9.468	ug/l	98
84) 1,2,4-Trimethylbenzene	13.251	105	101422	9.495	ug/l	100
85) sec-Butylbenzene	13.379	105	126261	9.669	ug/l	100
86) p-Isopropyltoluene	13.495	119	108099	9.795	ug/l	98
87) 1,3-Dichlorobenzene	13.501	146	61664	10.095	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	61396	9.858	ug/l	91
89) n-Butylbenzene	13.818	91	103454	9.760	ug/l	99
90) Hexachloroethane	14.086	117	19525	9.624	ug/l	99
91) 1,2-Dichlorobenzene	13.866	146	56893	10.195	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.476	75	5032	9.742	ug/l	91
93) 1,2,4-Trichlorobenzene	15.128	180	33691	9.563	ug/l	96
94) Hexachlorobutadiene	15.226	225	16863	9.939	ug/l	98
95) Naphthalene	15.366	128	70452	8.783	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	32269	9.909	ug/l	92

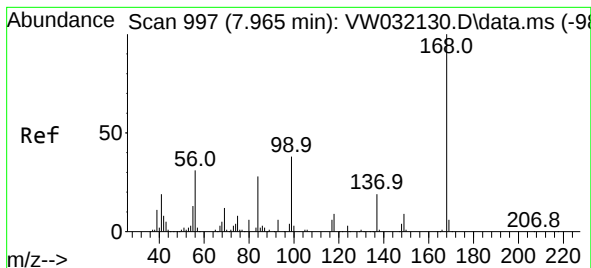
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Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.965 min Scan# 99

Delta R.T. 0.000 min

Lab File: VW032128.D

Acq: 25 Aug 2025 12:55

Instrument :

MSVOA_W

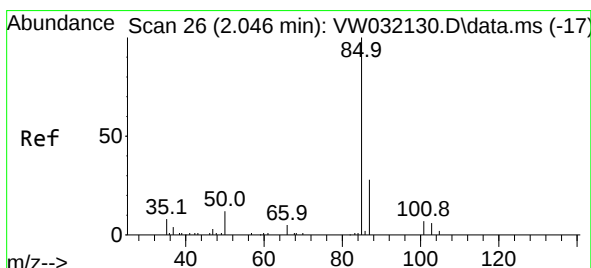
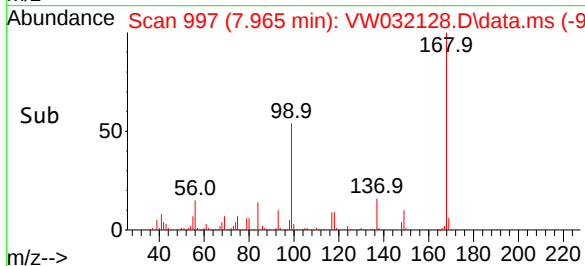
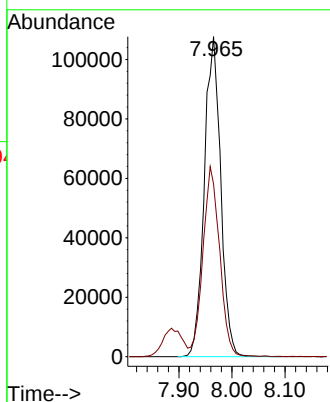
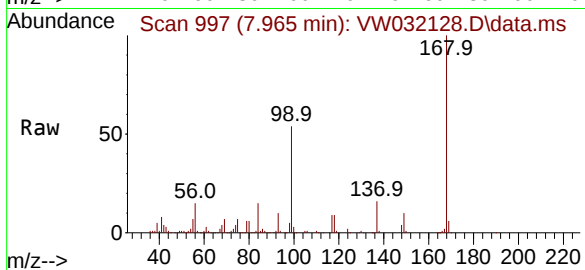
ClientSampleId :

Tgt Ion:168 Resp: 230907

Ion Ratio Lower Upper

168 100

99 53.9 53.4 80.0



#2

Dichlorodifluoromethane

Concen: 10.566 ug/l

RT: 2.045 min Scan# 26

Delta R.T. -0.000 min

Lab File: VW032128.D

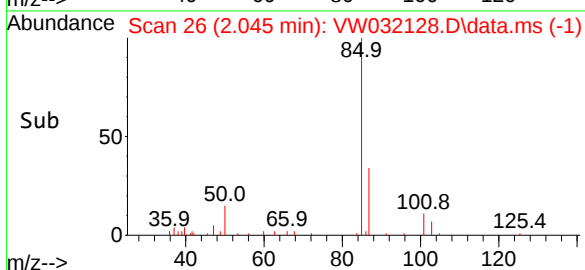
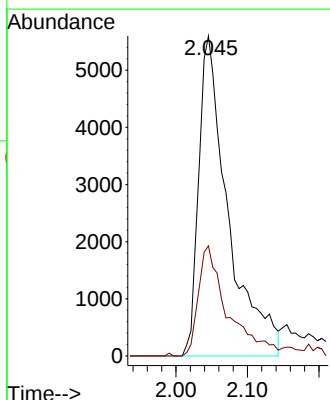
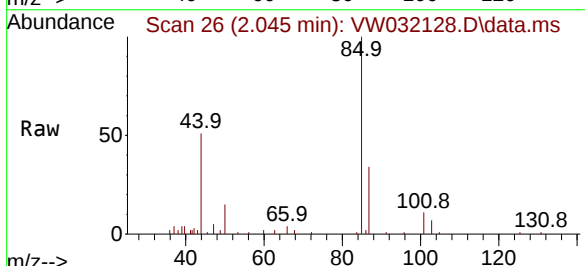
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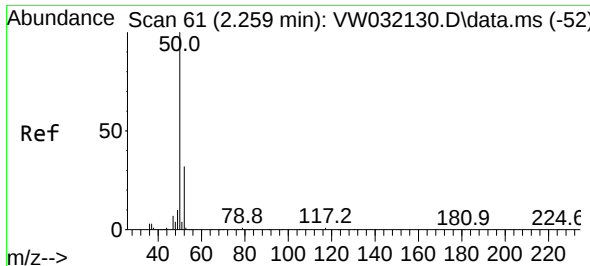
Tgt Ion: 85 Resp: 16022

Ion Ratio Lower Upper

85 100

87 34.4 15.4 46.4

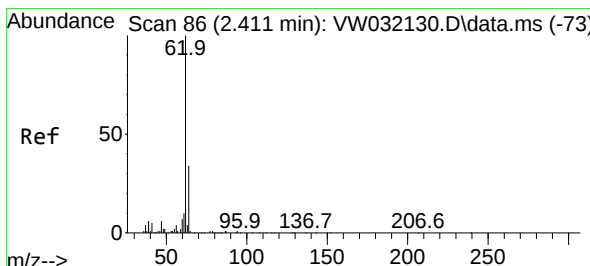
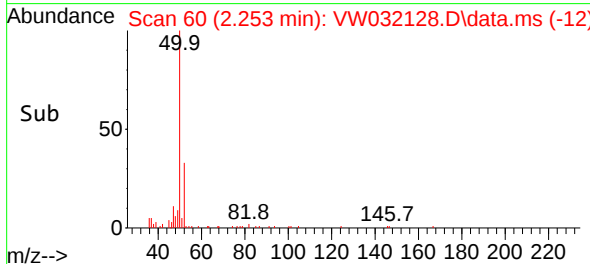
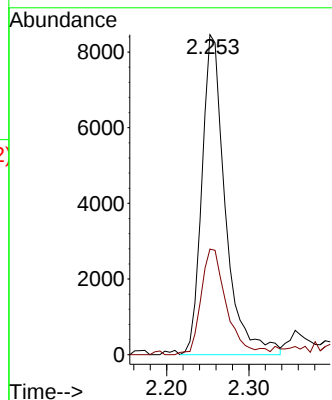
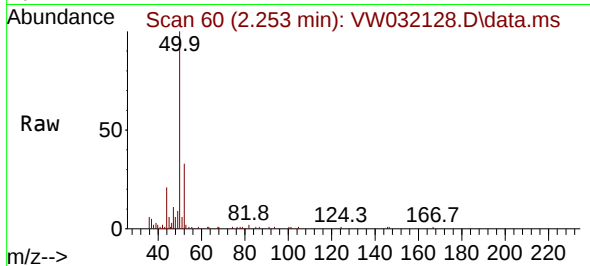




#3
Chloromethane
Concen: 10.187 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.006 min
Lab File: VW032128.D
Acq: 25 Aug 2025 12:55

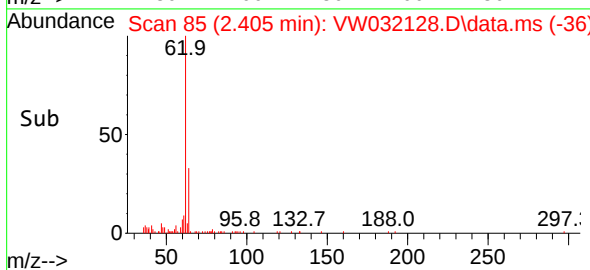
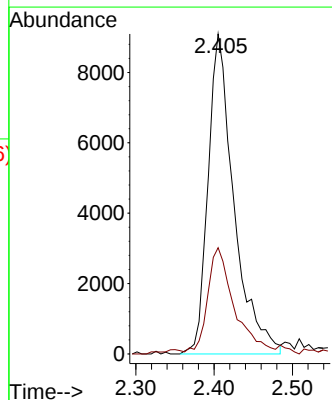
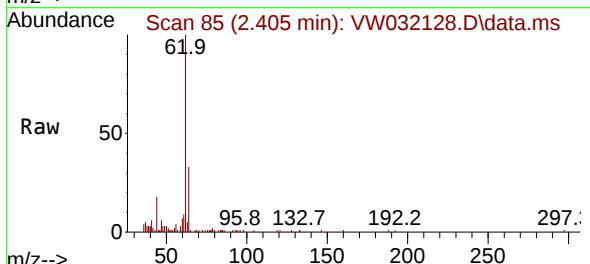
Instrument :
MSVOA_W
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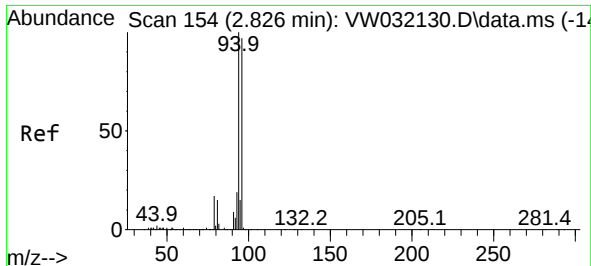
Tgt Ion: 50 Resp: 16748
Ion Ratio Lower Upper
50 100
52 32.3 25.4 38.2



#4
Vinyl Chloride
Concen: 10.417 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032128.D
Acq: 25 Aug 2025 12:55

Tgt Ion: 62 Resp: 20906
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.0

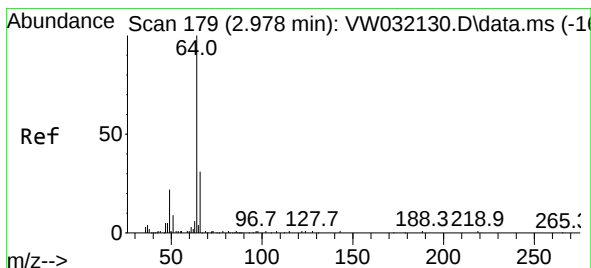
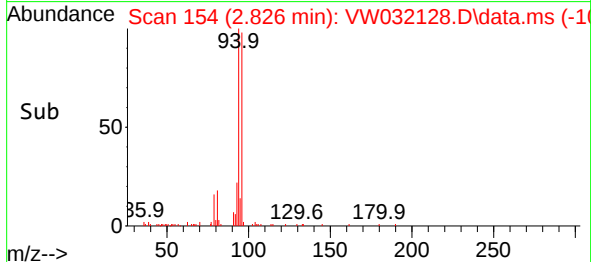
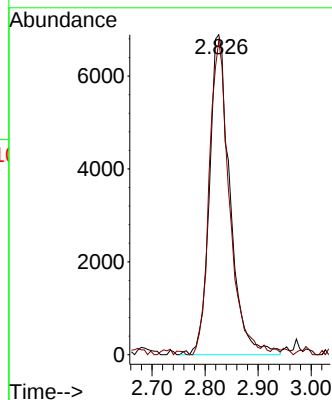
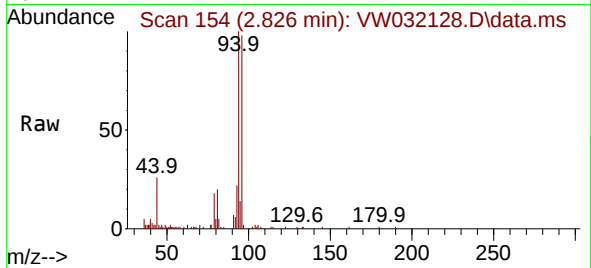




#5
Bromomethane
Concen: 10.276 ug/l
RT: 2.826 min Scan# 154
Delta R.T. -0.000 min
Lab File: VW032128.D
Acq: 25 Aug 2025 12:55

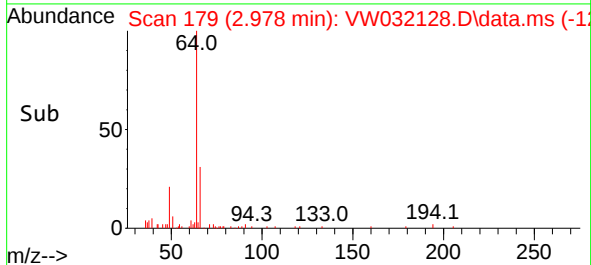
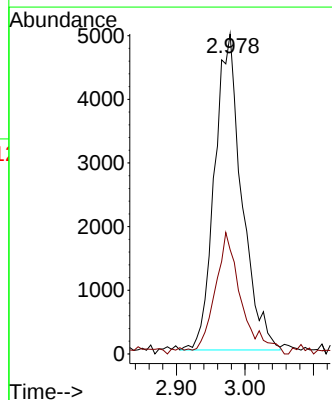
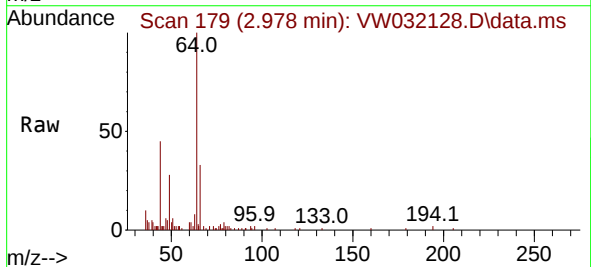
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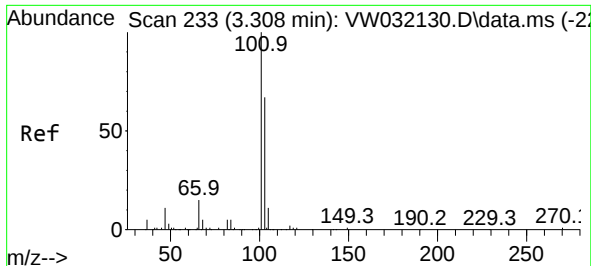
Tgt Ion: 94 Resp: 18590
Ion Ratio Lower Upper
94 100
96 97.2 72.8 109.2



#6
Chloroethane
Concen: 9.614 ug/l
RT: 2.978 min Scan# 179
Delta R.T. 0.006 min
Lab File: VW032128.D
Acq: 25 Aug 2025 12:55

Tgt Ion: 64 Resp: 13691
Ion Ratio Lower Upper
64 100
66 31.1 25.4 38.0

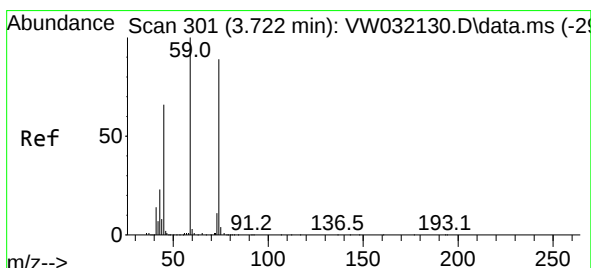
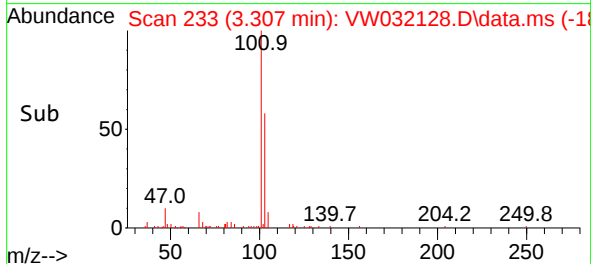
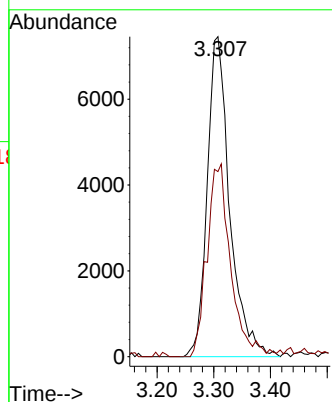
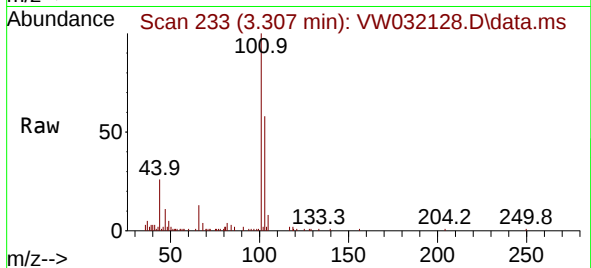




#7
 Trichlorofluoromethane
 Concen: 10.137 ug/l
 RT: 3.307 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW032128.D
 Acq: 25 Aug 2025 12:55

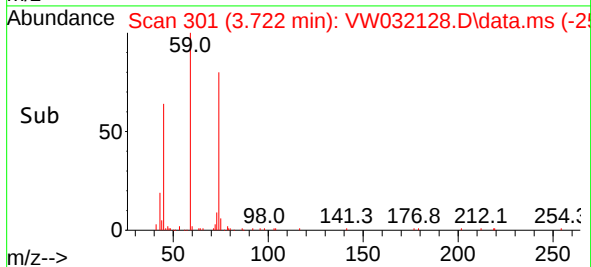
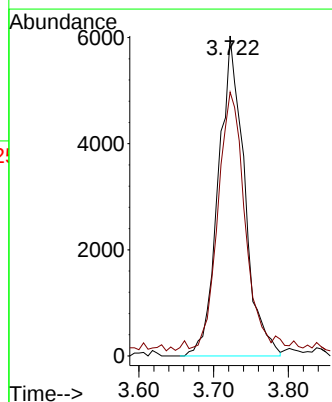
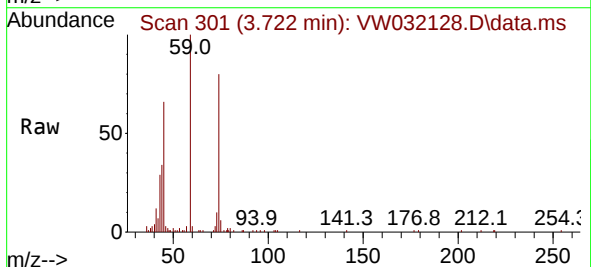
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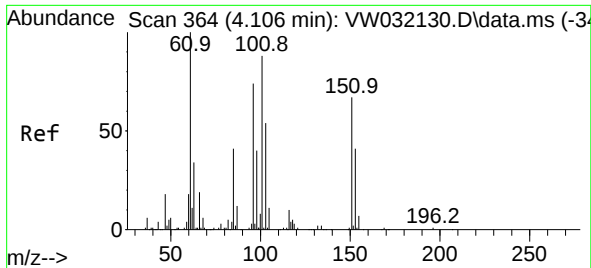
Tgt Ion:101 Resp: 20536
 Ion Ratio Lower Upper
 101 100
 103 57.9 49.8 74.8



#8
 Diethyl Ether
 Concen: 9.849 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. -0.000 min
 Lab File: VW032128.D
 Acq: 25 Aug 2025 12:55

Tgt Ion: 74 Resp: 14586
 Ion Ratio Lower Upper
 74 100
 45 83.0 43.0 128.8

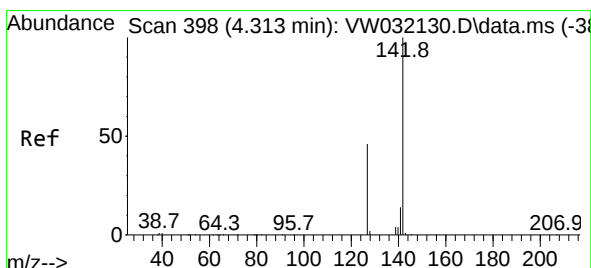
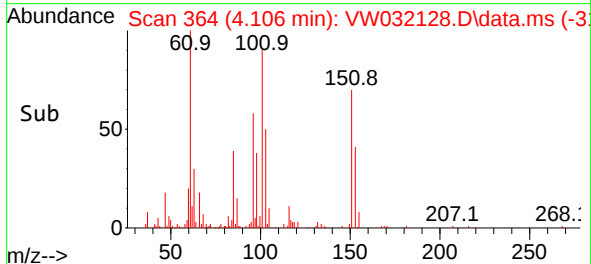
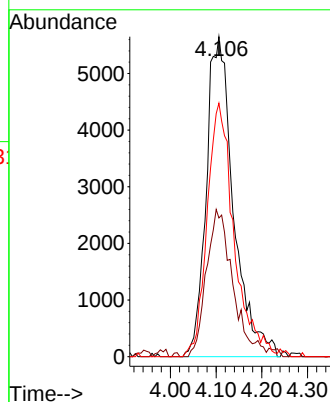
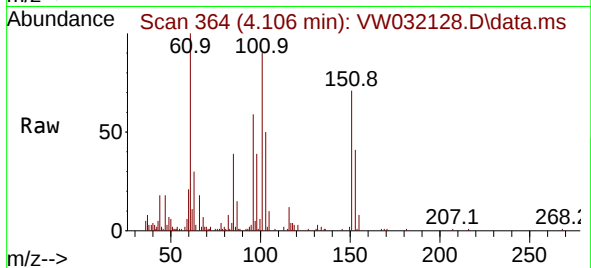




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.454 ug/l
 RT: 4.106 min Scan# 364
 Delta R.T. 0.006 min
 Lab File: VW032128.D
 Acq: 25 Aug 2025 12:55

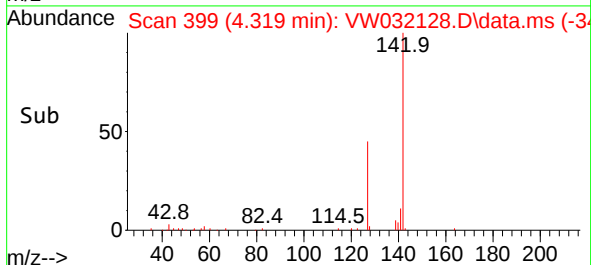
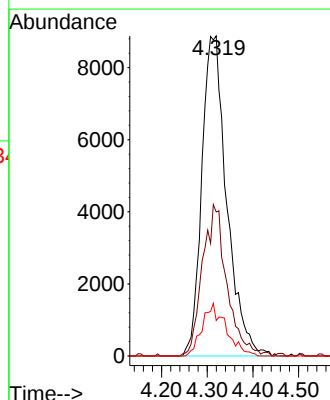
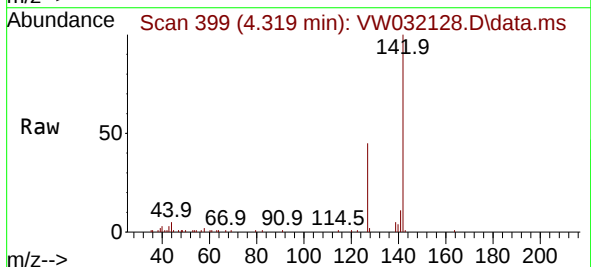
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 MSVOA_W
 ClientSampleId :

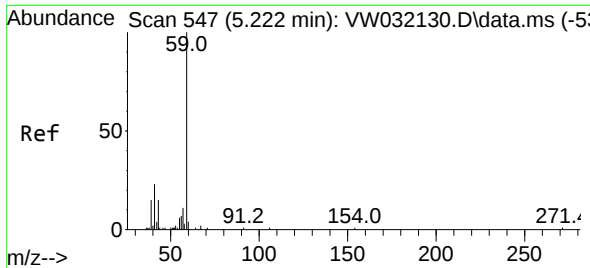
Tgt Ion:	101	Resp:	23355
Ion	Ratio	Lower	Upper
101	100		
85	44.6	37.0	55.6
151	78.2	61.6	92.4



#10
 Methyl Iodide
 Concen: 9.788 ug/l
 RT: 4.319 min Scan# 399
 Delta R.T. 0.006 min
 Lab File: VW032128.D
 Acq: 25 Aug 2025 12:55

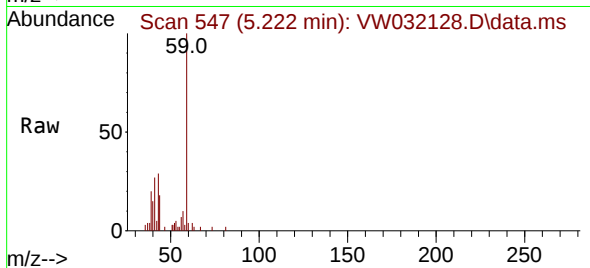
Tgt Ion:	142	Resp:	33586
Ion	Ratio	Lower	Upper
142	100		
127	46.4	37.8	56.8
141	15.8	12.1	18.1



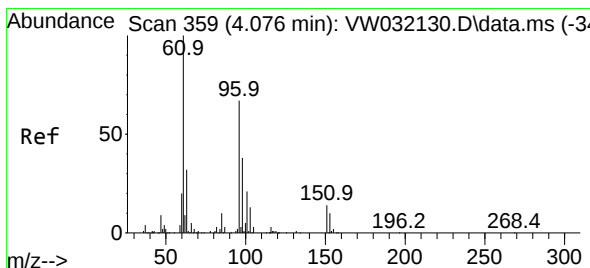
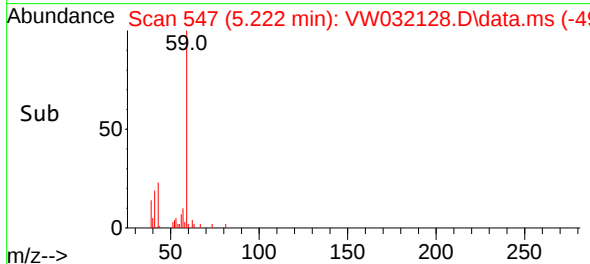
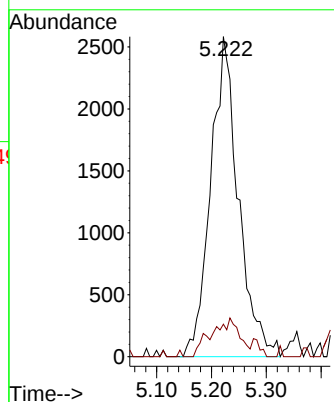


#11
Tert butyl alcohol
Concen: 45.800 ug/l
RT: 5.222 min Scan# 547
Delta R.T. -0.000 min
Lab File: VW032128.D
Acq: 25 Aug 2025 12:55

Instrument :
MSVOA_W
ClientSampleId :

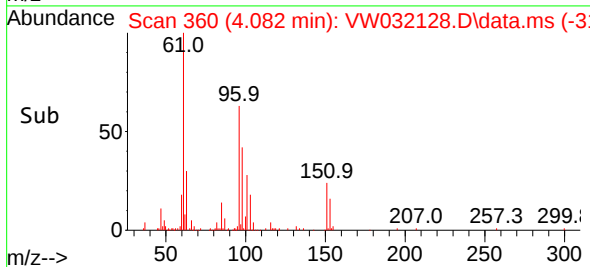
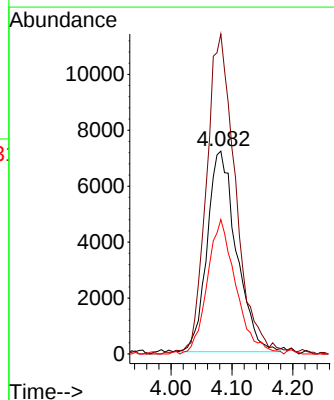
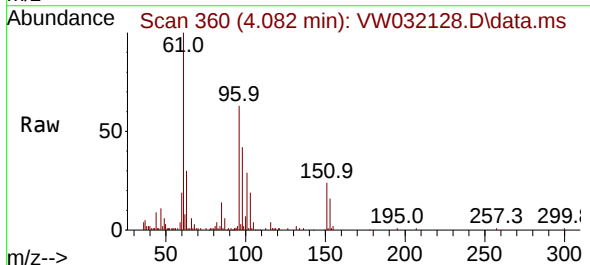


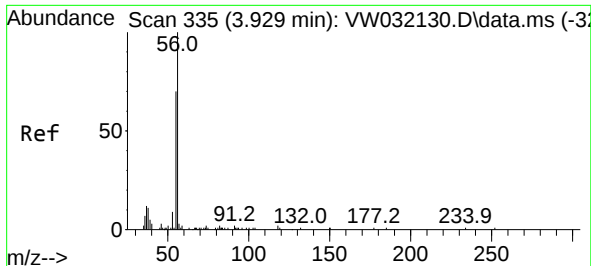
Tgt Ion: 59 Resp: 9069
Ion Ratio Lower Upper
59 100
57 12.3 10.2 15.2



#12
1,1-Dichloroethene
Concen: 10.039 ug/l
RT: 4.082 min Scan# 360
Delta R.T. -0.000 min
Lab File: VW032128.D
Acq: 25 Aug 2025 12:55

Tgt Ion: 96 Resp: 23958
Ion Ratio Lower Upper
96 100
61 156.8 124.6 186.8
98 67.0 45.0 67.4

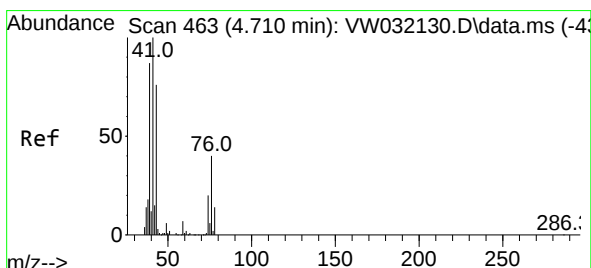
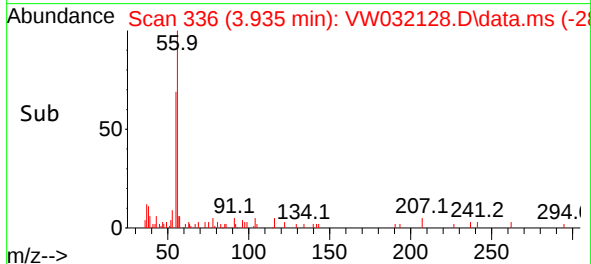
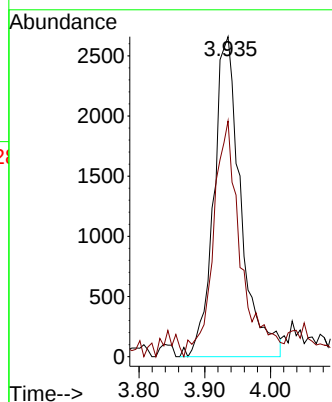
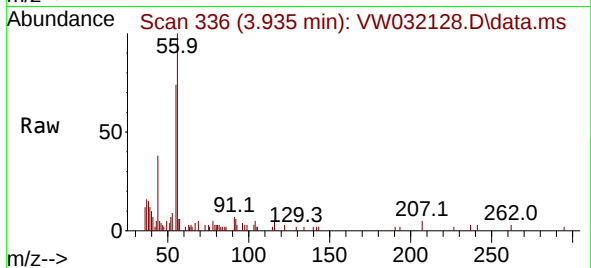




#13
Acrolein
Concen: 62.024 ug/l
RT: 3.935 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW032128.D
Acq: 25 Aug 2025 12:55

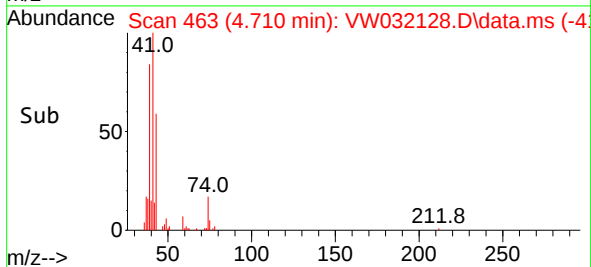
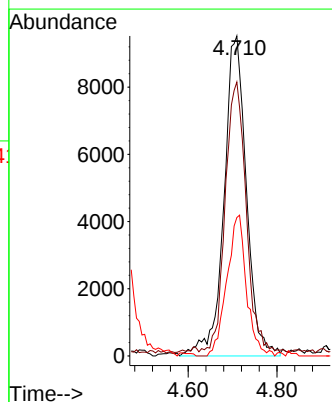
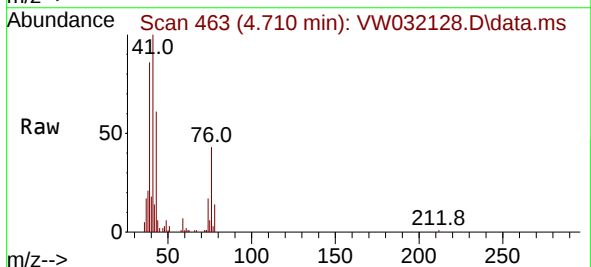
Instrument :
MSVOA_W
ClientSampleId :

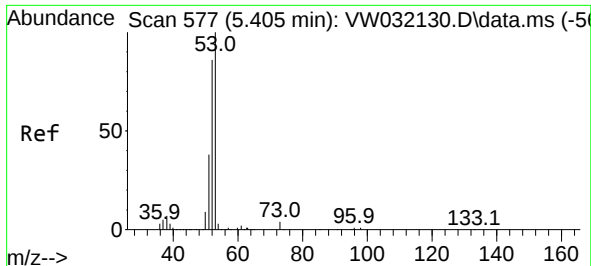
Tgt Ion: 56 Resp: 7608
Ion Ratio Lower Upper
56 100
55 75.0 53.5 80.3



#14
Allyl chloride
Concen: 9.877 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.006 min
Lab File: VW032128.D
Acq: 25 Aug 2025 12:55

Tgt Ion: 41 Resp: 33349
Ion Ratio Lower Upper
41 100
39 78.6 65.1 97.7
76 38.5 30.7 46.1

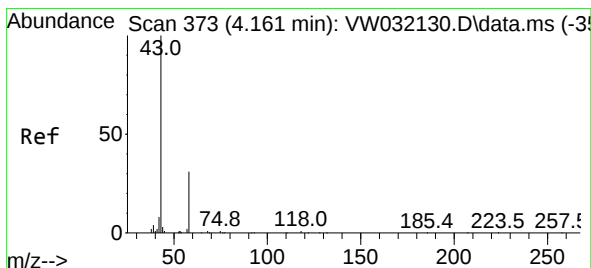
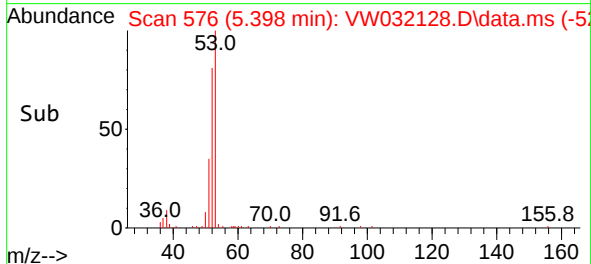
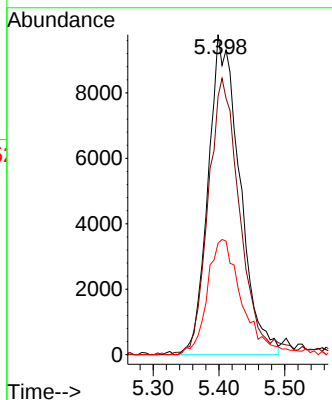
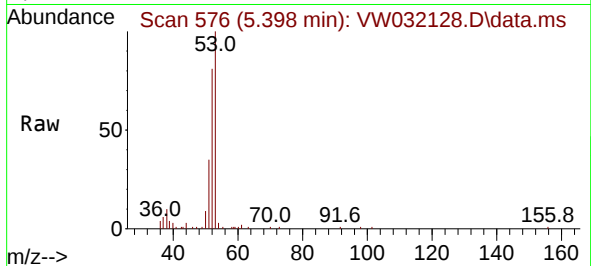




#15
Acrylonitrile
Concen: 44.580 ug/l
RT: 5.398 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032128.D
Acq: 25 Aug 2025 12:55

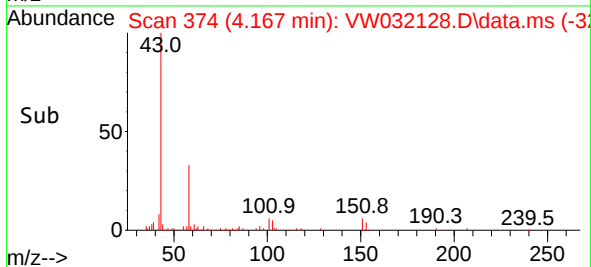
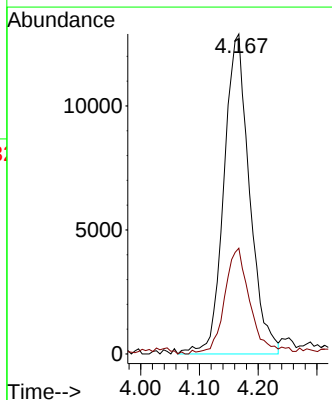
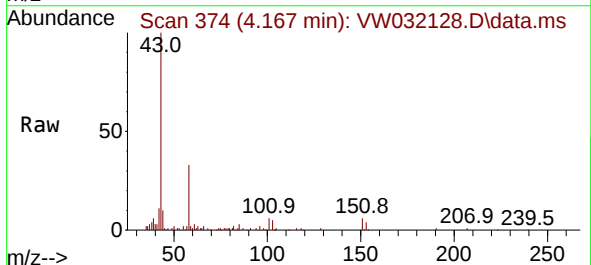
Instrument :
MSVOA_W
ClientSampleId :

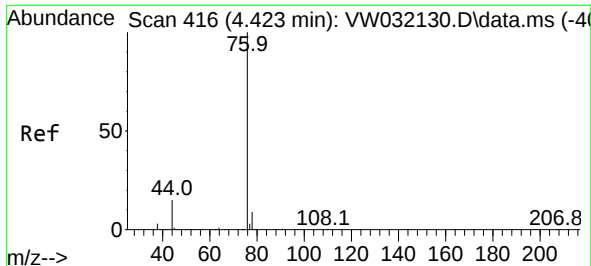
Tgt Ion: 53 Resp: 32562
Ion Ratio Lower Upper
53 100
52 87.3 66.4 99.6
51 39.9 30.2 45.4



#16
Acetone
Concen: 52.462 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.006 min
Lab File: VW032128.D
Acq: 25 Aug 2025 12:55

Tgt Ion: 43 Resp: 39134
Ion Ratio Lower Upper
43 100
58 33.0 24.6 36.8

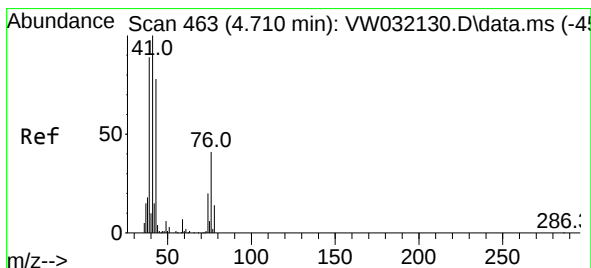
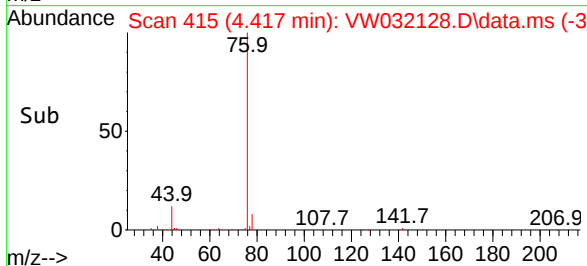
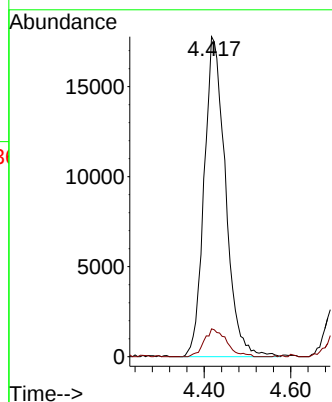
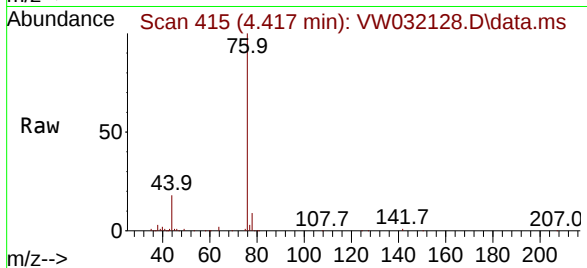




#17
Carbon Disulfide
Concen: 10.176 ug/l
RT: 4.417 min Scan# 415
Delta R.T. -0.006 min
Lab File: VW032128.D
Acq: 25 Aug 2025 12:55

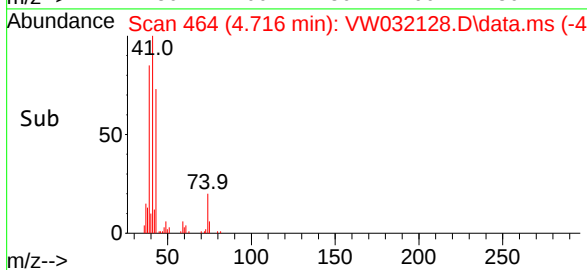
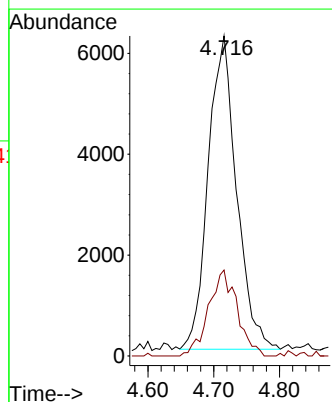
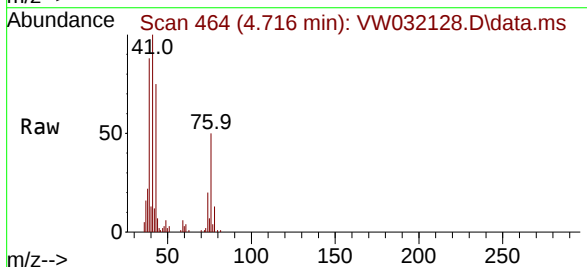
Instrument :
MSVOA_W
ClientSampleId :

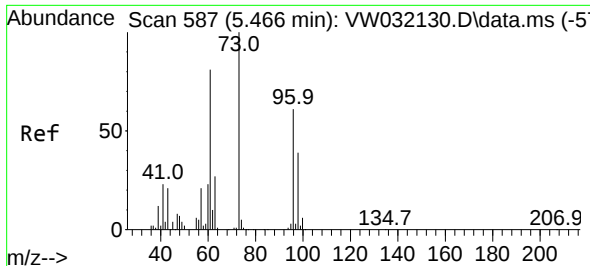
Tgt Ion: 76 Resp: 60762
Ion Ratio Lower Upper
76 100
78 8.7 7.8 11.6



#18
Methyl Acetate
Concen: 8.781 ug/l
RT: 4.716 min Scan# 464
Delta R.T. 0.006 min
Lab File: VW032128.D
Acq: 25 Aug 2025 12:55

Tgt Ion: 43 Resp: 18650
Ion Ratio Lower Upper
43 100
74 27.5 20.6 30.8

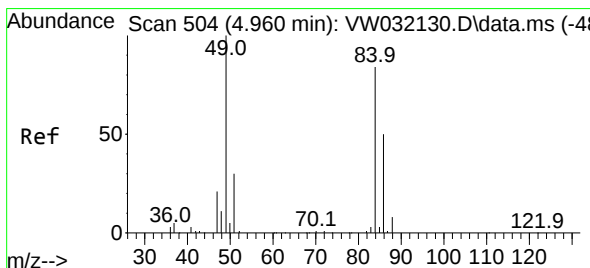
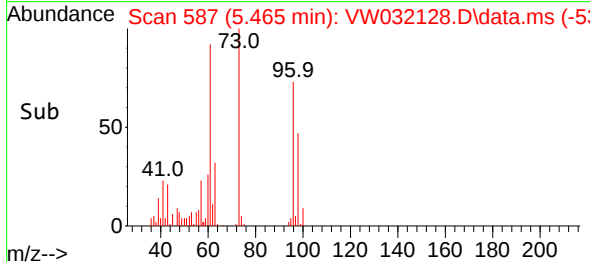
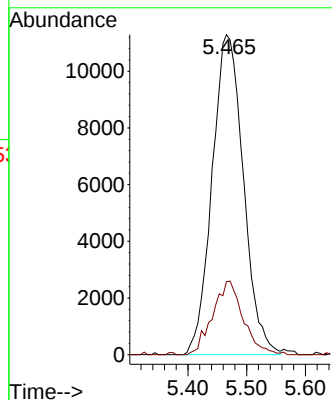
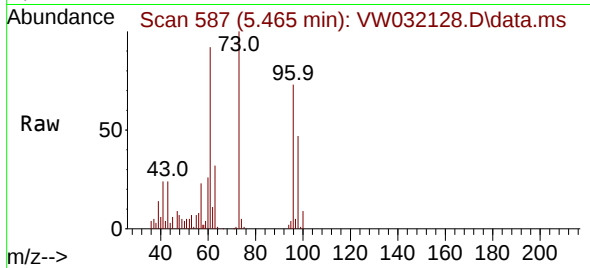




#19
Methyl tert-butyl Ether
Concen: 9.374 ug/l
RT: 5.465 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032128.D
Acq: 25 Aug 2025 12:55

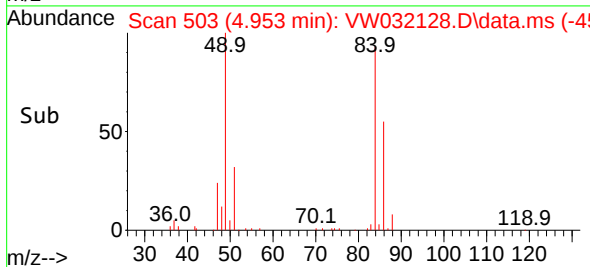
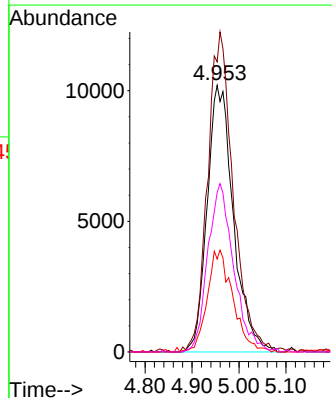
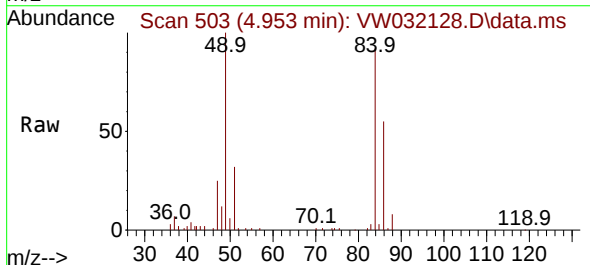
Instrument :
MSVOA_W
ClientSampleId :

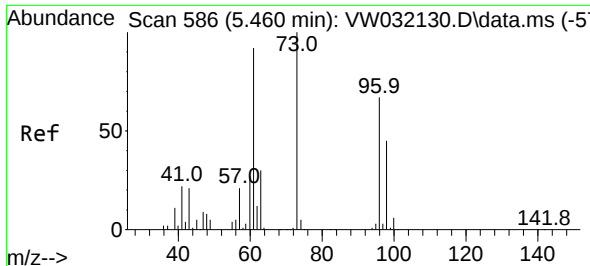
Tgt Ion: 73 Resp: 41756
Ion Ratio Lower Upper
73 100
57 22.8 17.7 26.5



#20
Methylene Chloride
Concen: 13.199 ug/l
RT: 4.953 min Scan# 503
Delta R.T. -0.006 min
Lab File: VW032128.D
Acq: 25 Aug 2025 12:55

Tgt Ion: 84 Resp: 39627
Ion Ratio Lower Upper
84 100
49 108.8 94.2 141.4
51 34.9 28.1 42.1
86 59.8 53.0 79.6

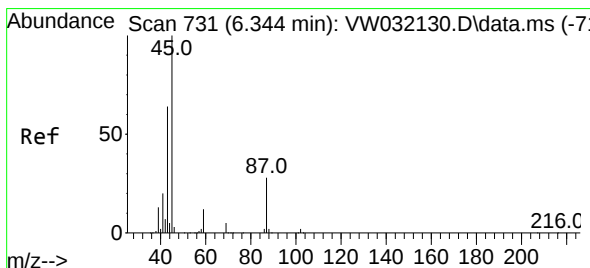
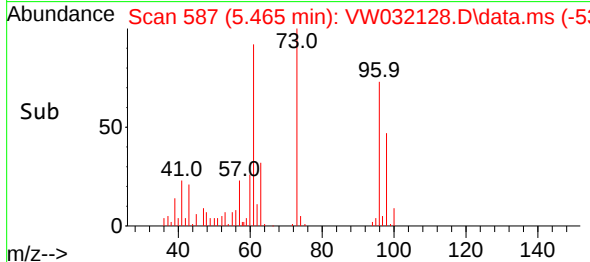
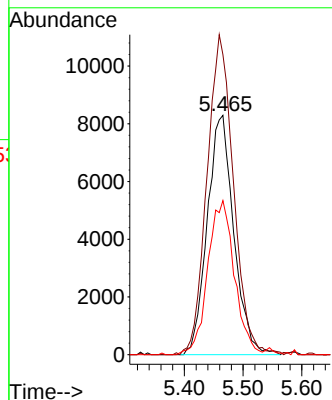
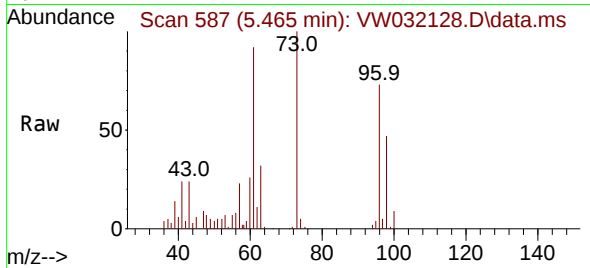




#21
trans-1,2-Dichloroethene
Concen: 9.775 ug/l
RT: 5.465 min Scan# 586
Delta R.T. -0.000 min
Lab File: VW032128.D
Acq: 25 Aug 2025 12:55

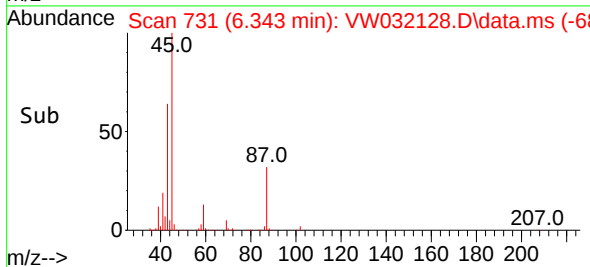
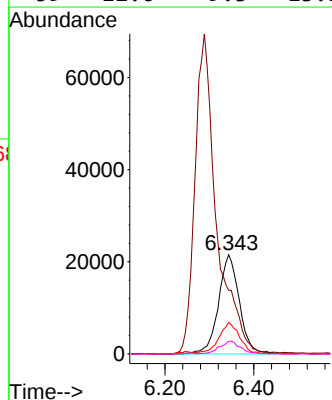
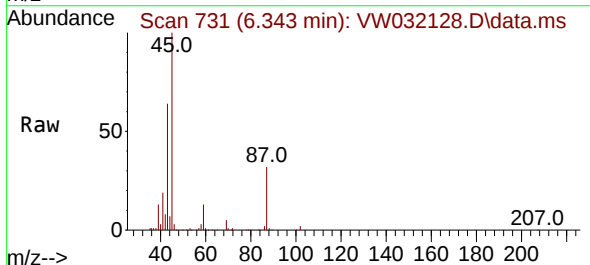
Instrument :
MSVOA_W
ClientSampleId :

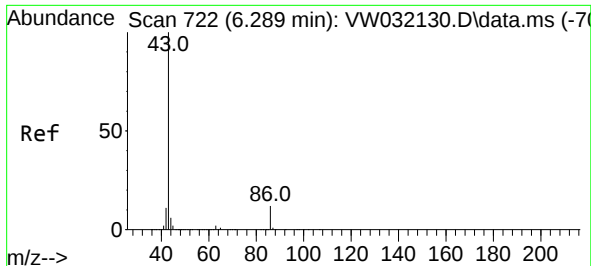
Tgt Ion: 96 Resp: 26022
Ion Ratio Lower Upper
96 100
61 125.4 103.0 154.4
98 63.7 56.2 84.4



#22
Diisopropyl ether
Concen: 9.396 ug/l
RT: 6.343 min Scan# 731
Delta R.T. -0.000 min
Lab File: VW032128.D
Acq: 25 Aug 2025 12:55

Tgt Ion: 45 Resp: 69895
Ion Ratio Lower Upper
45 100
43 63.1 49.4 74.0
87 31.7 24.2 36.2
59 12.6 9.3 13.9

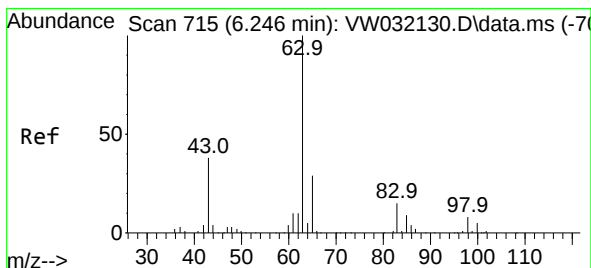
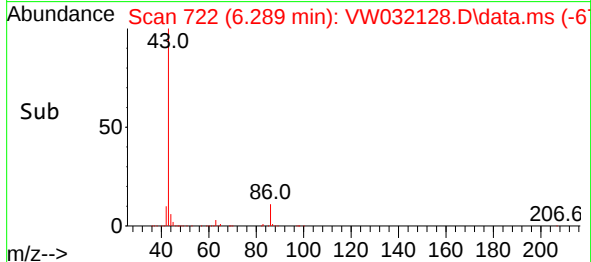
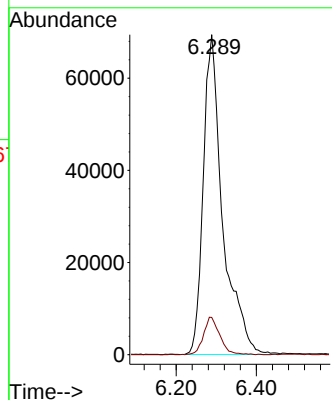
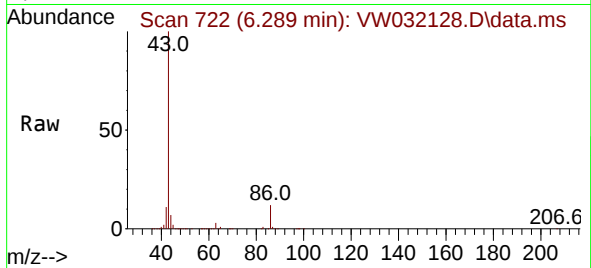




#23
 Vinyl Acetate
 Concen: 45.819 ug/l
 RT: 6.289 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW032128.D
 Acq: 25 Aug 2025 12:55

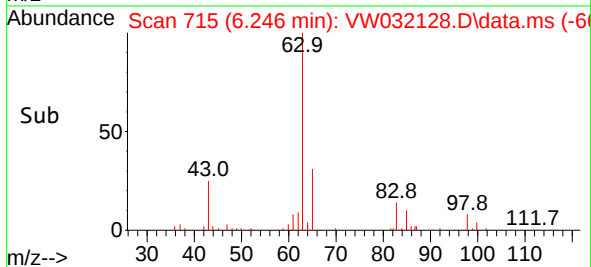
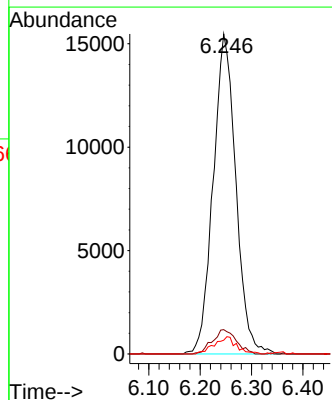
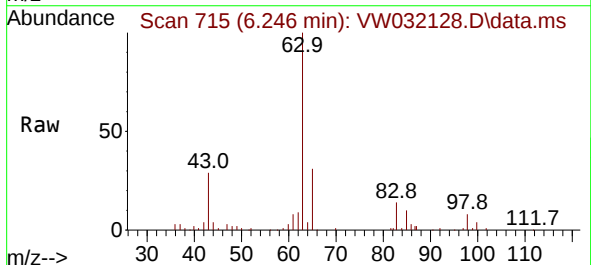
Instrument :
 MSVOA_W
 ClientSampleId :

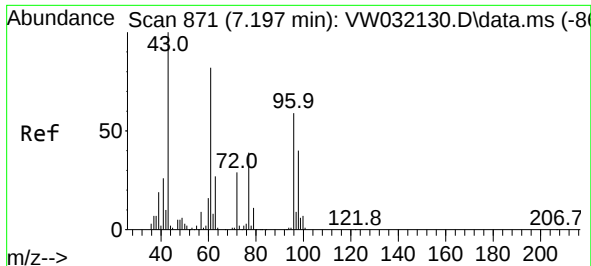
Tgt Ion: 43 Resp: 233771
 Ion Ratio Lower Upper
 43 100
 86 11.7 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 9.956 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.006 min
 Lab File: VW032128.D
 Acq: 25 Aug 2025 12:55

Tgt Ion: 63 Resp: 47349
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.7 11.1
 100 4.3 2.1 6.3

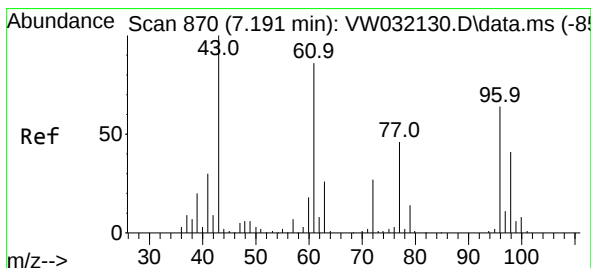
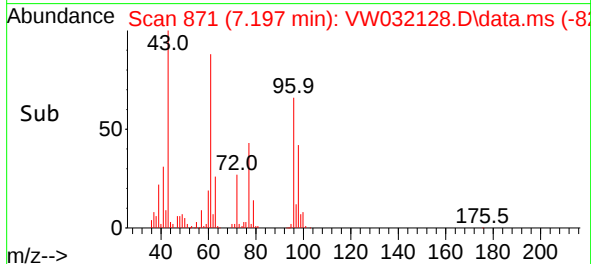
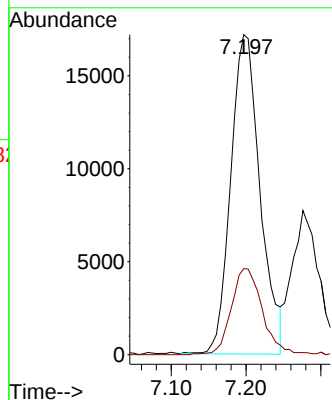
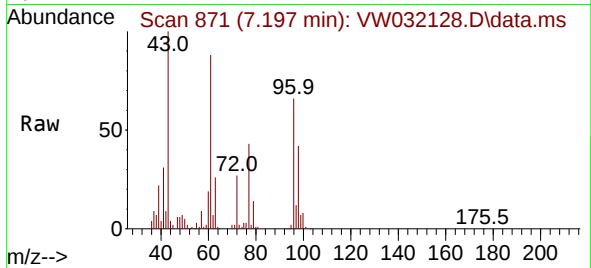




#25
2-Butanone
Concen: 45.279 ug/l
RT: 7.197 min Scan# 871
Delta R.T. -0.000 min
Lab File: VW032128.D
Acq: 25 Aug 2025 12:55

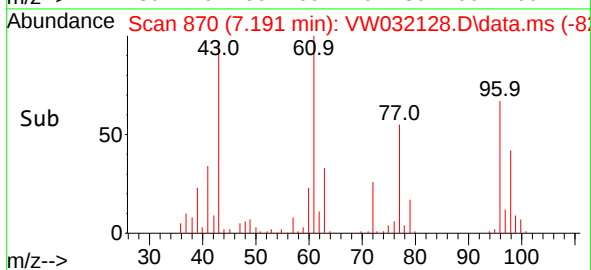
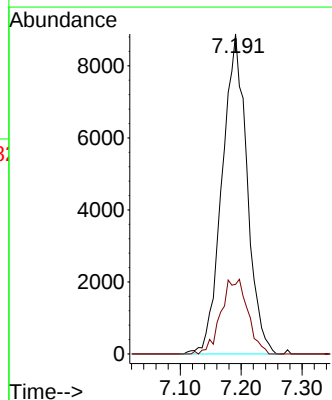
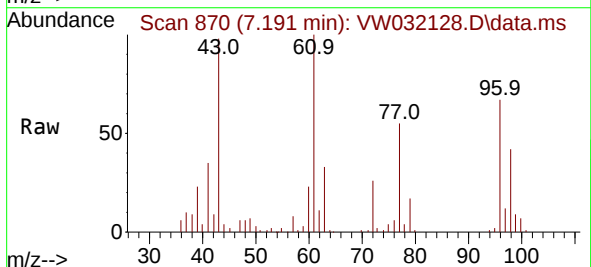
Instrument :
MSVOA_W
ClientSampleId :

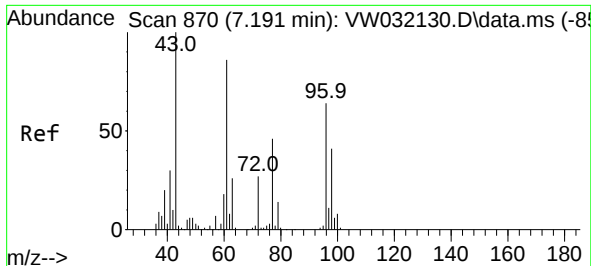
Tgt Ion: 43 Resp: 46823
Ion Ratio Lower Upper
43 100
72 27.0 21.6 32.4



#26
2,2-Dichloropropane
Concen: 9.678 ug/l
RT: 7.191 min Scan# 870
Delta R.T. -0.000 min
Lab File: VW032128.D
Acq: 25 Aug 2025 12:55

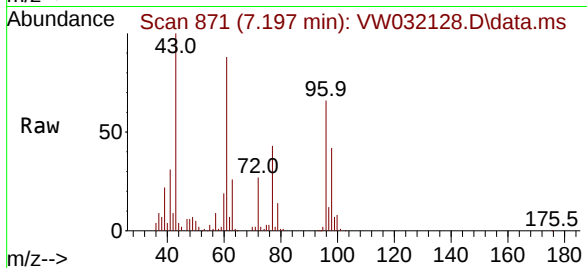
Tgt Ion: 77 Resp: 25186
Ion Ratio Lower Upper
77 100
97 25.1 11.9 35.9





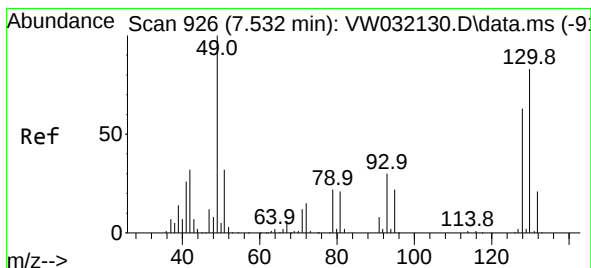
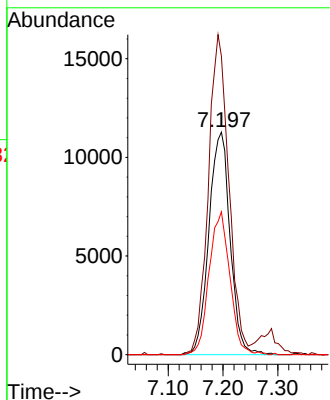
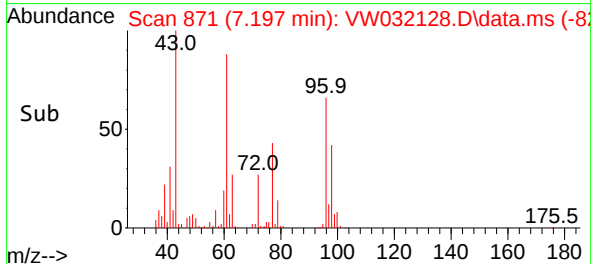
#27
 cis-1,2-Dichloroethene
 Concen: 9.406 ug/l
 RT: 7.197 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW032128.D
 Acq: 25 Aug 2025 12:55

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 96 Resp: 30286

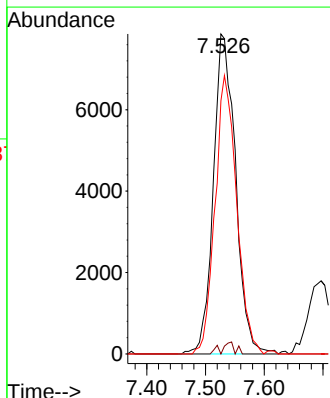
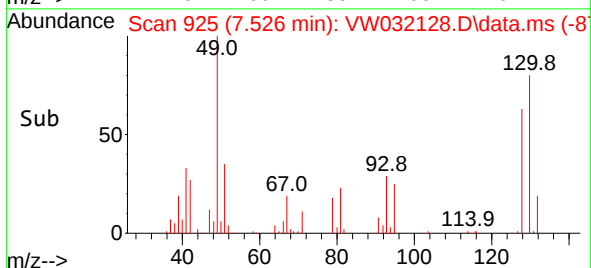
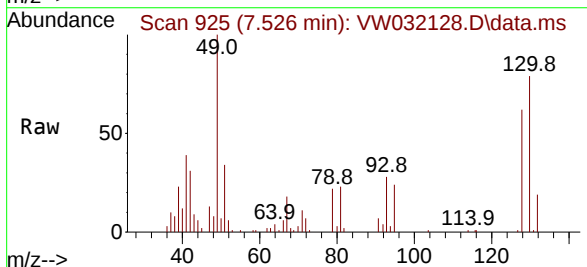
Ion	Ratio	Lower	Upper
96	100		
61	138.6	0.0	266.2
98	62.6	0.0	125.4

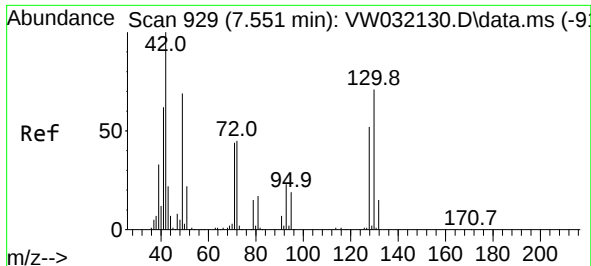


#28
 Bromochloromethane
 Concen: 9.359 ug/l
 RT: 7.526 min Scan# 925
 Delta R.T. -0.006 min
 Lab File: VW032128.D
 Acq: 25 Aug 2025 12:55

Tgt Ion: 49 Resp: 20625

Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	1.4
130	84.8	67.8	101.8





#29

Tetrahydrofuran

Concen: 44.664 ug/l

RT: 7.557 min Scan# 91

Delta R.T. 0.006 min

Lab File: VW032128.D

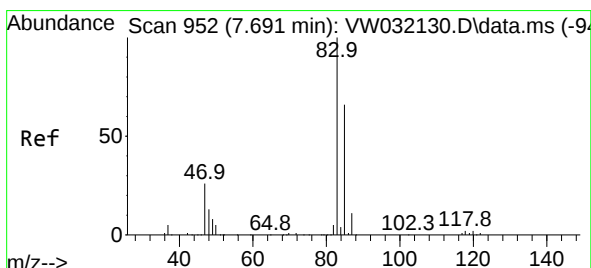
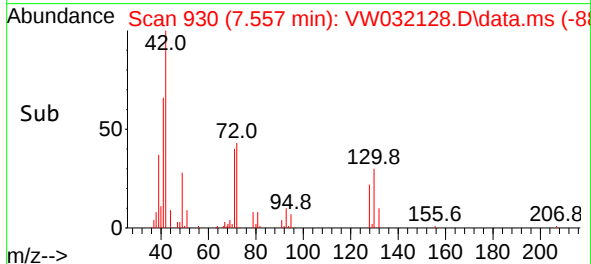
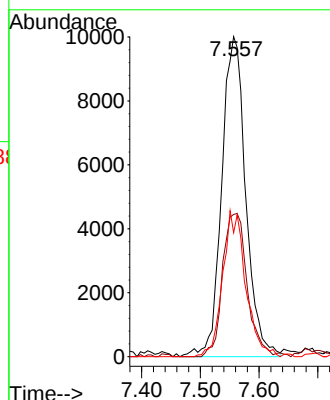
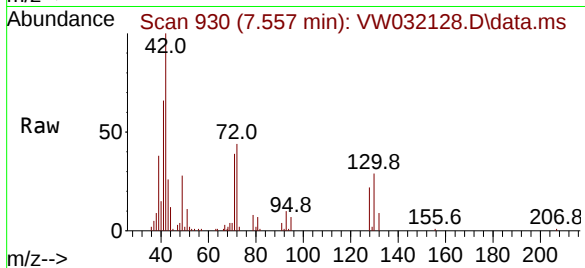
Acq: 25 Aug 2025 12:55

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	42	Resp:	28473
Ion	Ratio	Lower	Upper
42	100		
72	45.7	38.2	57.2
71	43.6	35.8	53.8



#30

Chloroform

Concen: 9.623 ug/l

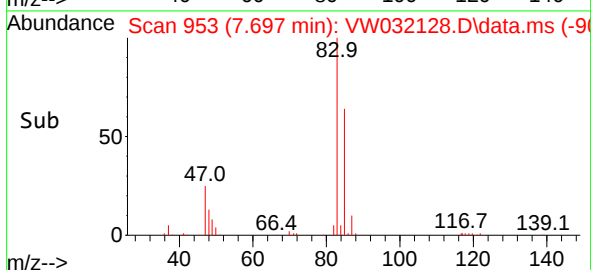
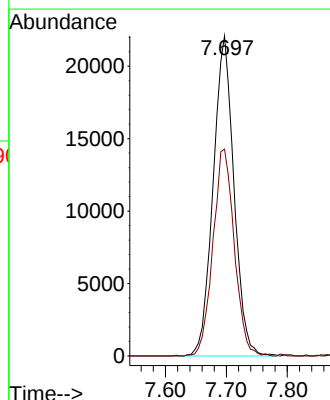
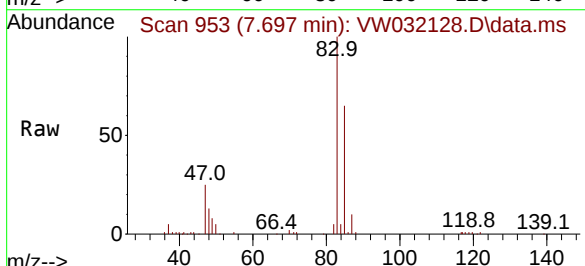
RT: 7.697 min Scan# 953

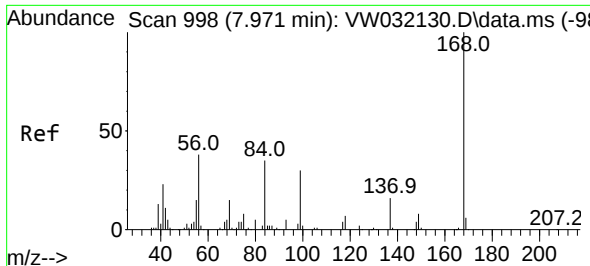
Delta R.T. 0.006 min

Lab File: VW032128.D

Acq: 25 Aug 2025 12:55

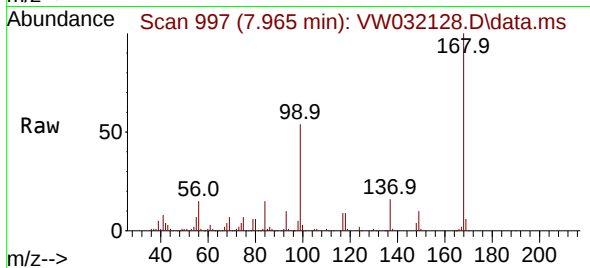
Tgt Ion:	83	Resp:	52361
Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.0	76.4



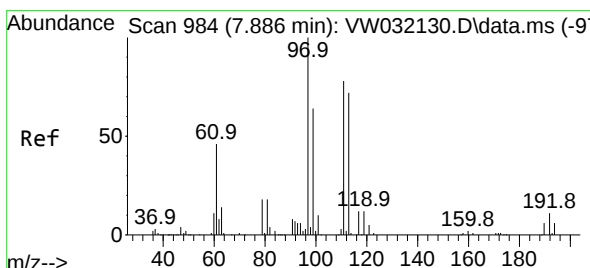
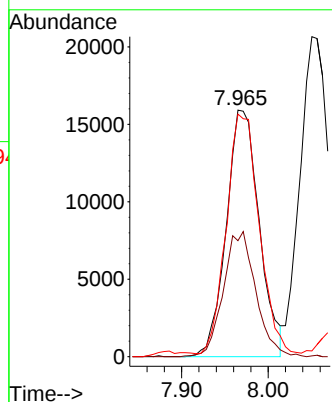
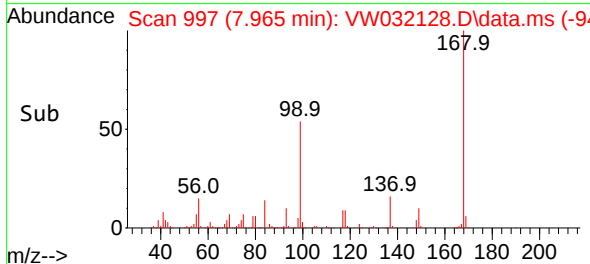


#31
Cyclohexane
Concen: 10.606 ug/l
RT: 7.965 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW032128.D
Acq: 25 Aug 2025 12:55

Instrument :
MSVOA_W
ClientSampleId :

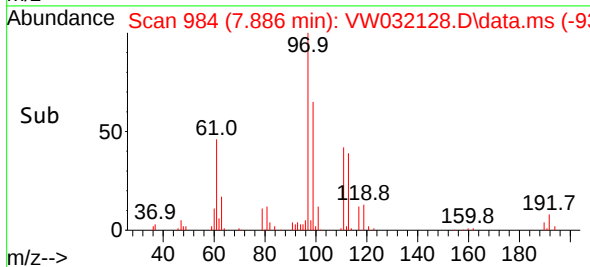
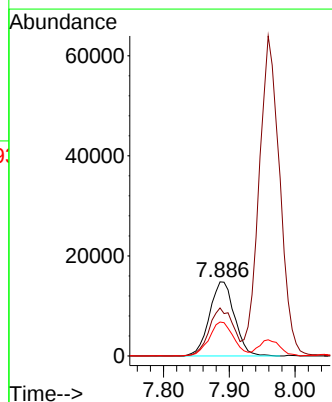
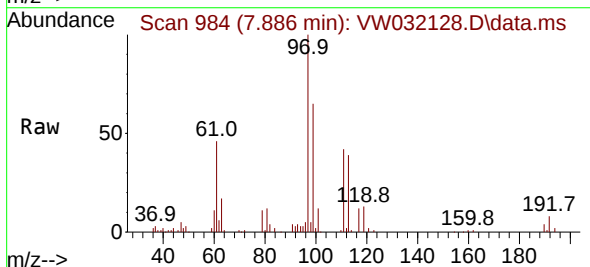


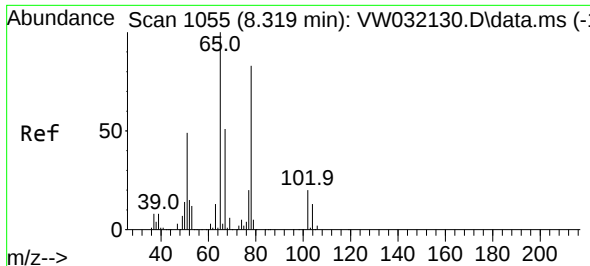
Tgt Ion: 56 Resp: 42177
Ion Ratio Lower Upper
56 100
69 47.1 29.0 43.6#
84 96.7 73.7 110.5



#32
1,1,1-Trichloroethane
Concen: 9.906 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW032128.D
Acq: 25 Aug 2025 12:55

Tgt Ion: 97 Resp: 39163
Ion Ratio Lower Upper
97 100
99 62.1 52.5 78.7
61 44.8 35.8 53.6

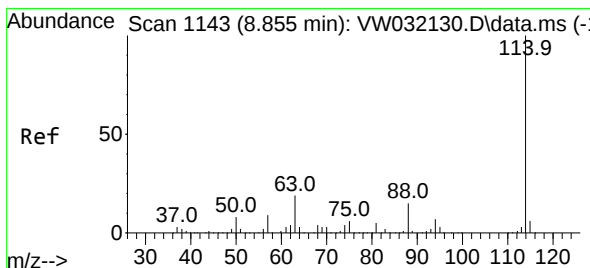
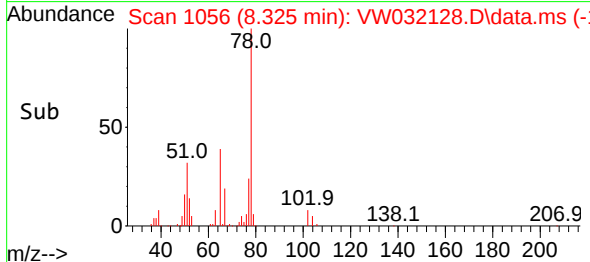
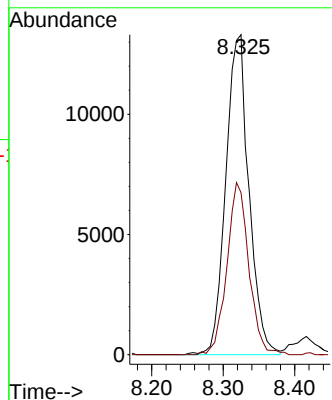
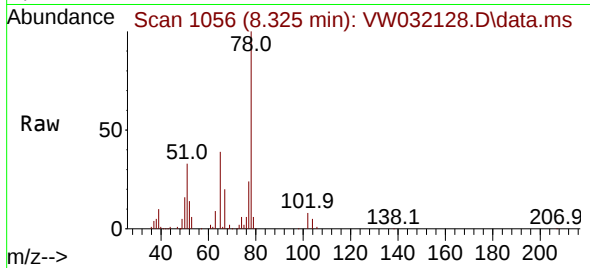




#33
 1,2-Dichloroethane-d4
 Concen: 9.441 ug/l
 RT: 8.325 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VW032128.D
 Acq: 25 Aug 2025 12:55

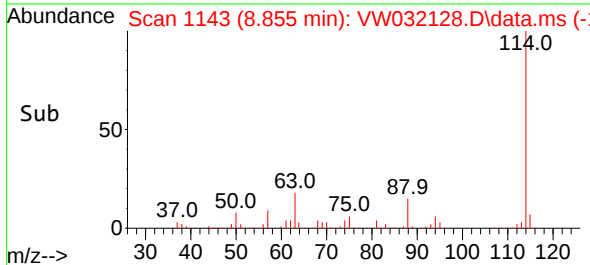
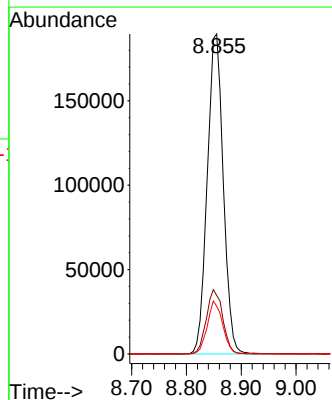
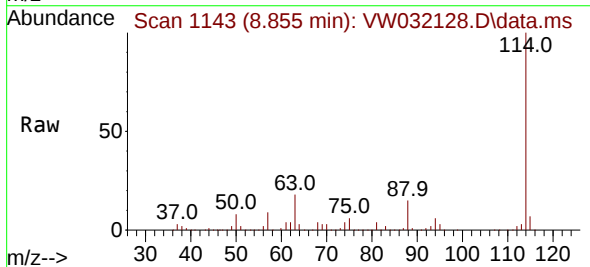
Instrument :
 MSVOA_W
 ClientSampleId :

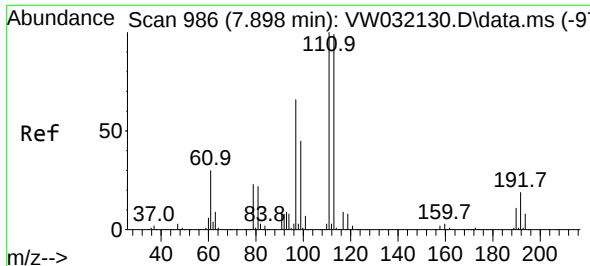
Tgt Ion: 65 Resp: 29934
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VW032128.D
 Acq: 25 Aug 2025 12:55

Tgt Ion: 114 Resp: 383996
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 38.4
 88 14.9 0.0 30.2

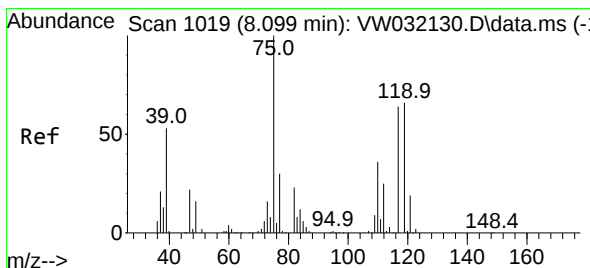
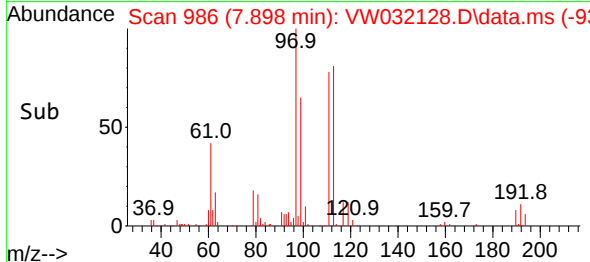
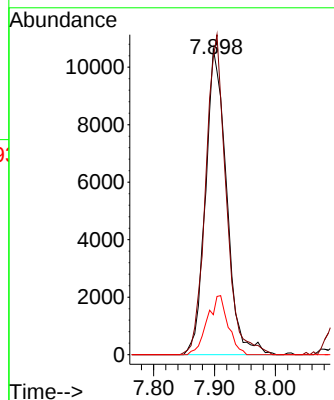
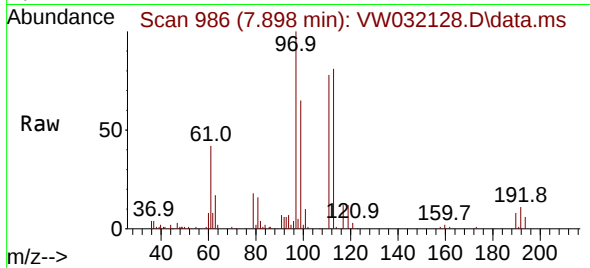




#35
 Dibromofluoromethane
 Concen: 9.811 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW032128.D
 Acq: 25 Aug 2025 12:55

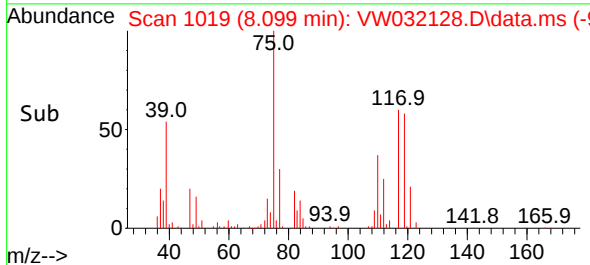
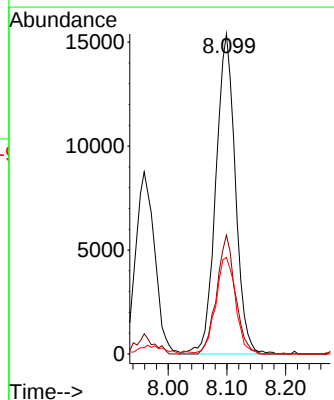
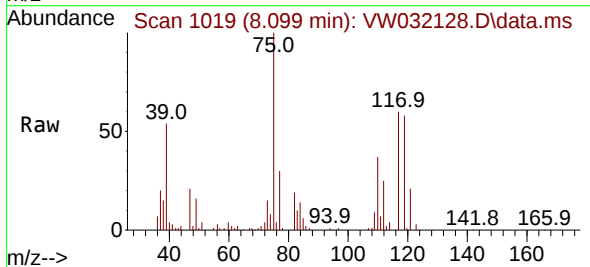
Instrument :
 MSVOA_W
 ClientSampleId :

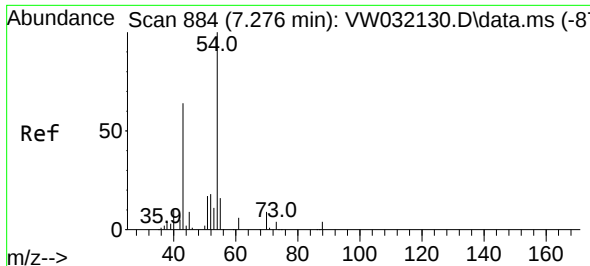
Tgt Ion:113 Resp: 25576
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.2 121.8
 192 19.0 14.2 21.2



#36
 1,1-Dichloropropene
 Concen: 10.323 ug/l
 RT: 8.099 min Scan# 1019
 Delta R.T. 0.006 min
 Lab File: VW032128.D
 Acq: 25 Aug 2025 12:55

Tgt Ion: 75 Resp: 35459
 Ion Ratio Lower Upper
 75 100
 110 35.5 18.4 55.4
 77 31.0 25.7 38.5

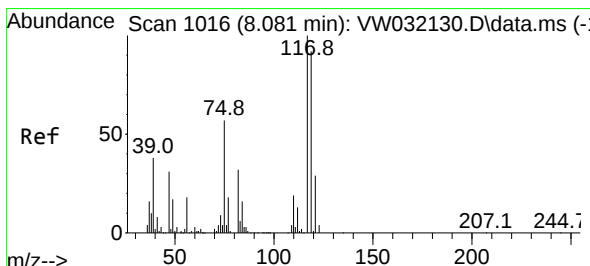
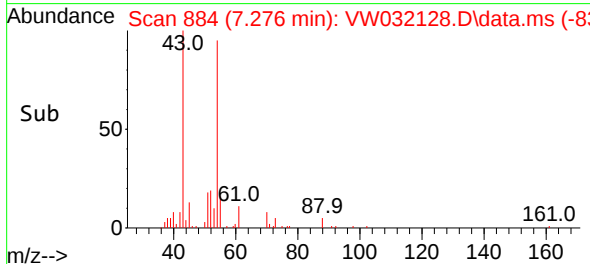
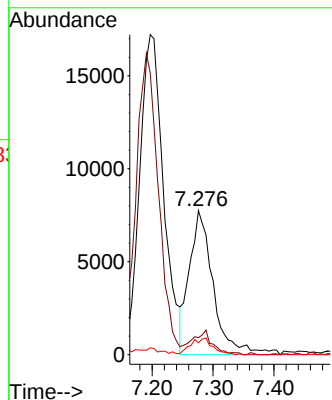
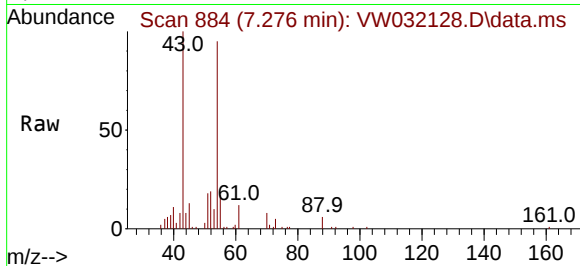




#37
Ethyl Acetate
Concen: 10.082 ug/l
RT: 7.276 min Scan# 884
Delta R.T. 0.006 min
Lab File: VW032128.D
Acq: 25 Aug 2025 12:55

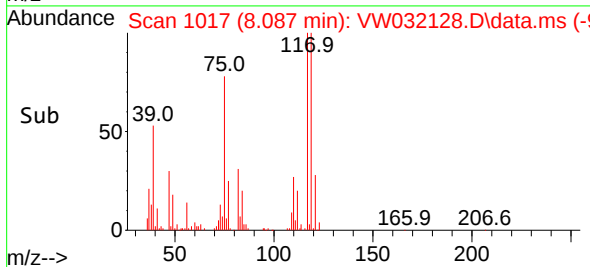
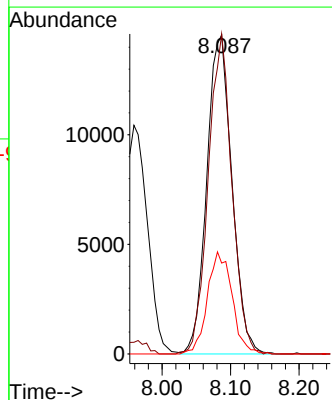
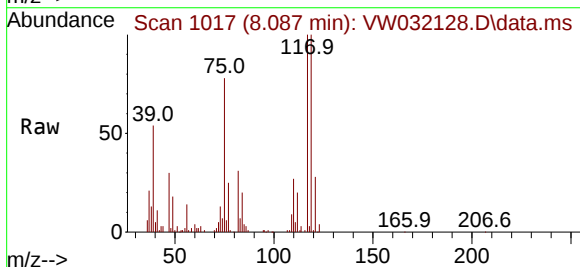
Instrument :
MSVOA_W
ClientSampleId :

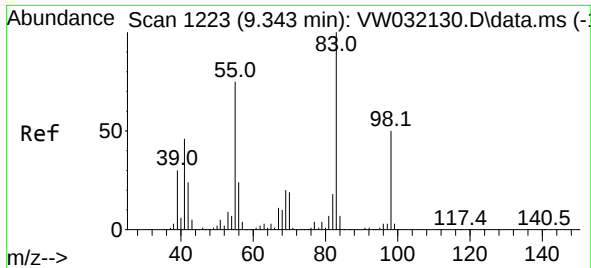
Tgt Ion: 43 Resp: 21276
Ion Ratio Lower Upper
43 100
61 13.8 11.1 16.7
70 10.5 9.1 13.7



#38
Carbon Tetrachloride
Concen: 10.200 ug/l
RT: 8.087 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VW032128.D
Acq: 25 Aug 2025 12:55

Tgt Ion: 117 Resp: 37140
Ion Ratio Lower Upper
117 100
119 100.3 78.9 118.3
121 28.5 23.9 35.9

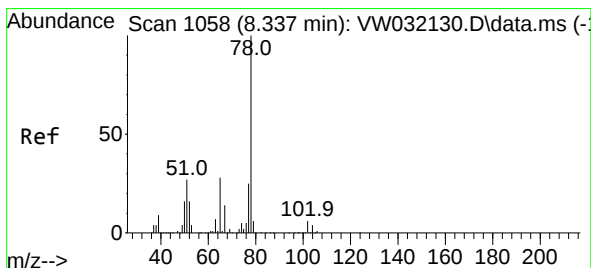
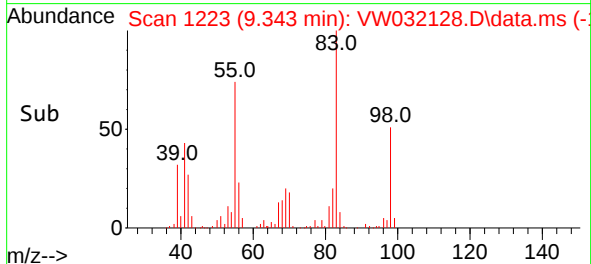
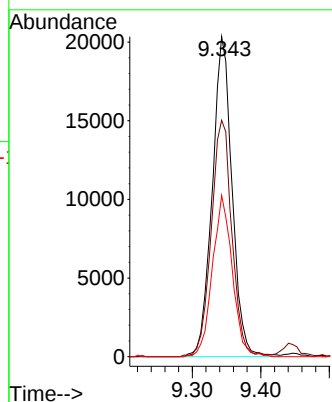
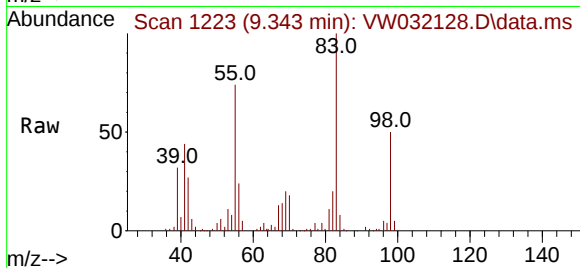




#39
Methylcyclohexane
Concen: 10.008 ug/l
RT: 9.343 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032128.D
Acq: 25 Aug 2025 12:55

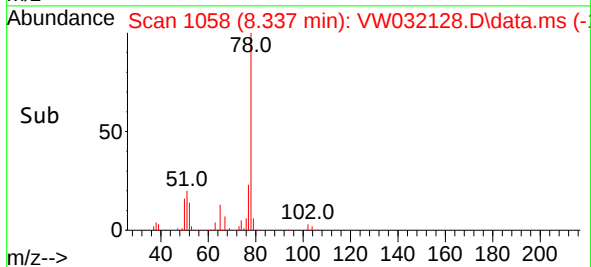
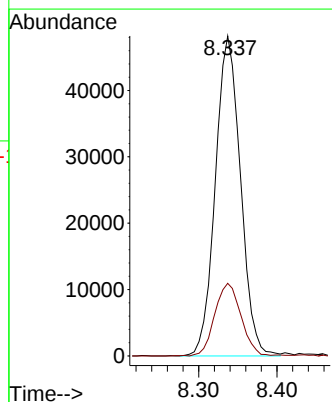
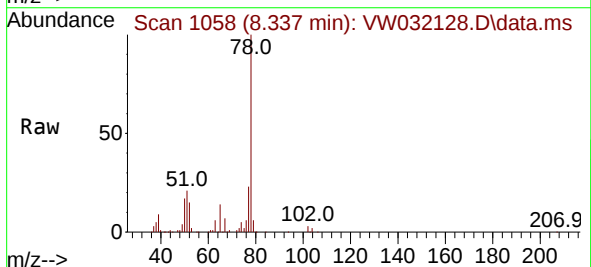
Instrument :
MSVOA_W
ClientSampleId :

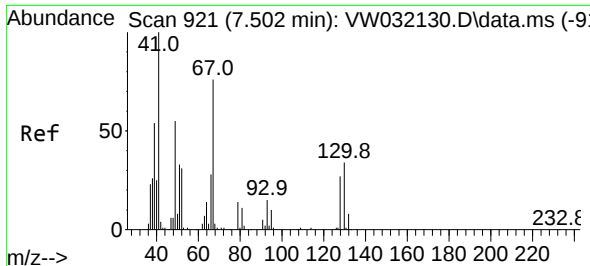
Tgt Ion: 83 Resp: 40884
Ion Ratio Lower Upper
83 100
55 73.9 59.5 89.3
98 50.4 39.9 59.9



#40
Benzene
Concen: 10.178 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VW032128.D
Acq: 25 Aug 2025 12:55

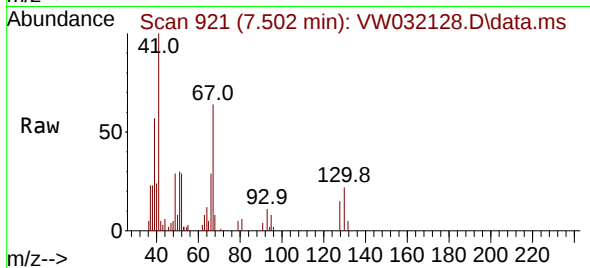
Tgt Ion: 78 Resp: 107660
Ion Ratio Lower Upper
78 100
77 22.6 20.4 30.6



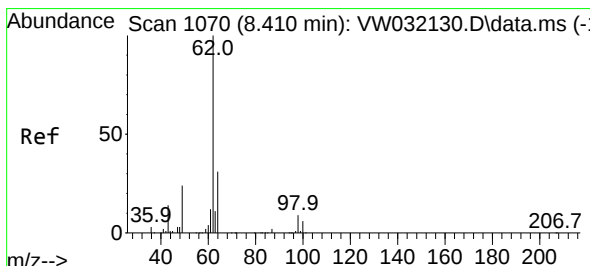
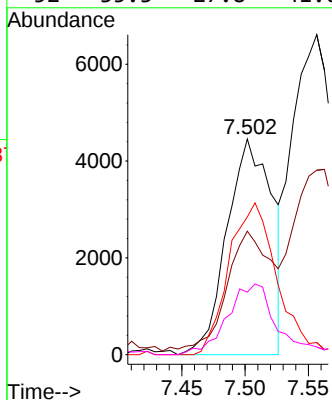
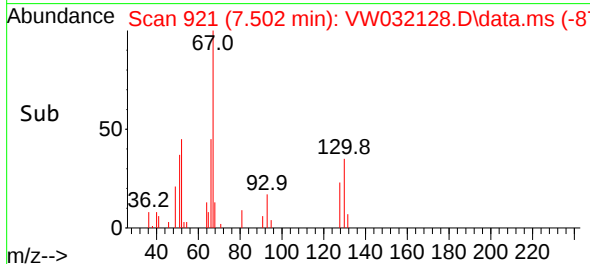


#41
Methacrylonitrile
Concen: 9.639 ug/l
RT: 7.502 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032128.D
Acq: 25 Aug 2025 12:55

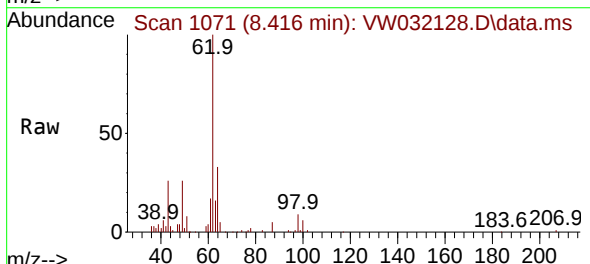
Instrument :
MSVOA_W
ClientSampleId :



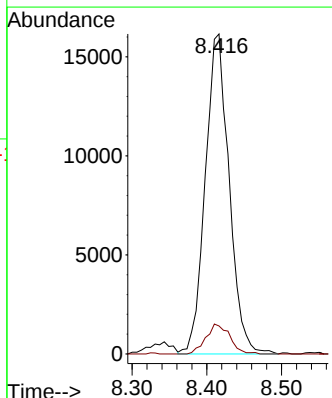
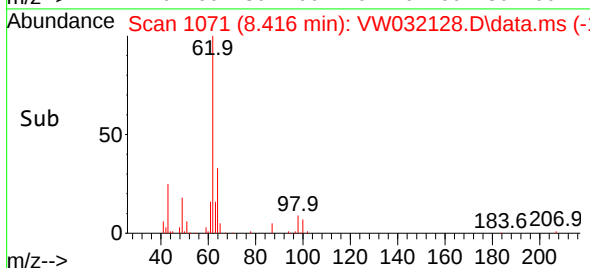
Tgt Ion:	41	Resp:	11083
Ion	Ratio	Lower	Upper
41	100		
39	55.6	52.6	79.0
67	76.1	63.8	95.8
52	35.3	27.8	41.6

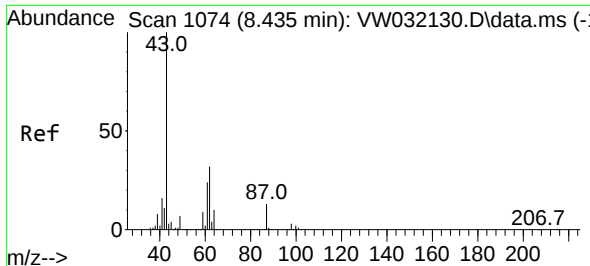


#42
1,2-Dichloroethane
Concen: 9.752 ug/l
RT: 8.416 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VW032128.D
Acq: 25 Aug 2025 12:55



Tgt Ion:	62	Resp:	35884
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.0





#43

Isopropyl Acetate

Concen: 9.119 ug/l

RT: 8.434 min Scan# 1074

Delta R.T. -0.000 min

Lab File: VW032128.D

Acq: 25 Aug 2025 12:55

Instrument :

MSVOA_W

ClientSampleId :

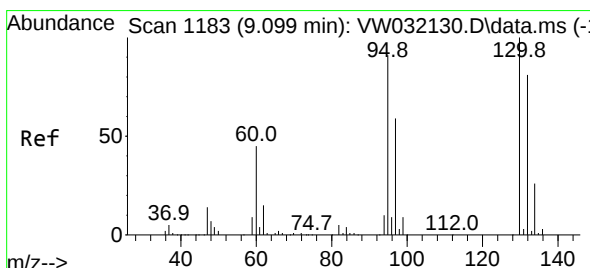
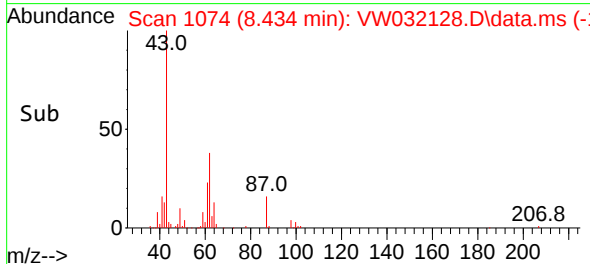
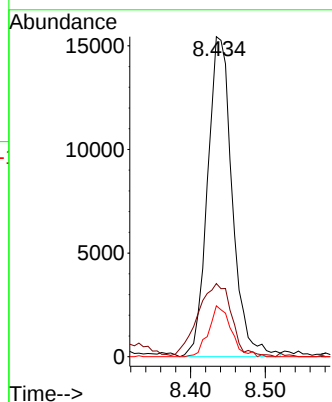
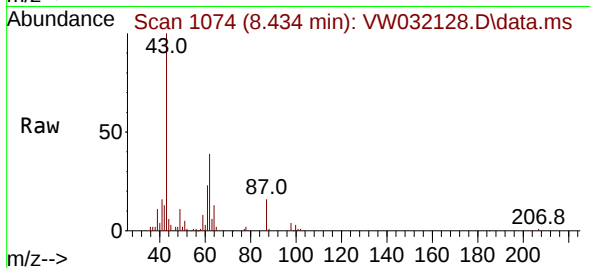
Tgt Ion: 43 Resp: 35468

Ion Ratio Lower Upper

43 100

61 31.3 24.0 36.0

87 14.6 11.4 17.2



#44

Trichloroethene

Concen: 10.075 ug/l

RT: 9.105 min Scan# 1184

Delta R.T. -0.000 min

Lab File: VW032128.D

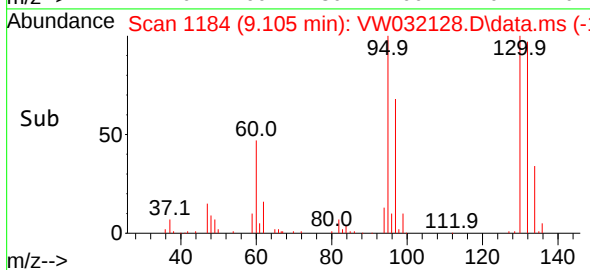
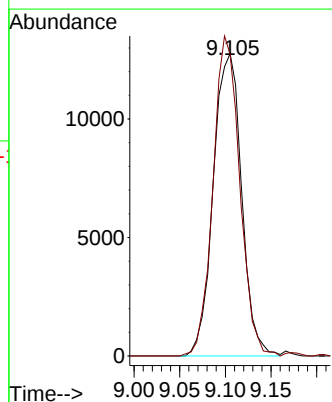
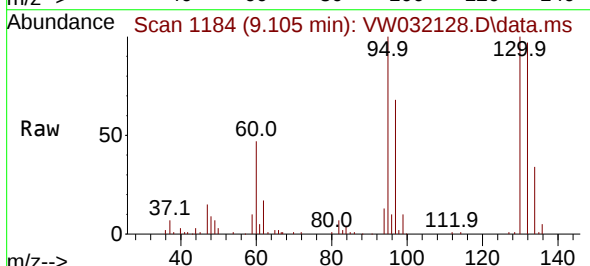
Acq: 25 Aug 2025 12:55

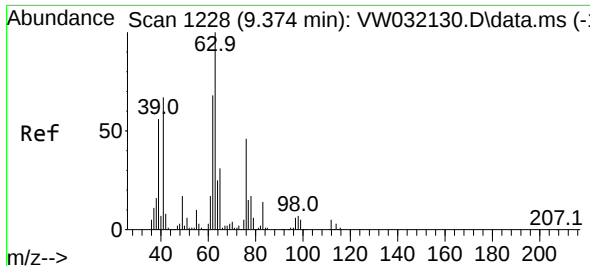
Tgt Ion:130 Resp: 27452

Ion Ratio Lower Upper

130 100

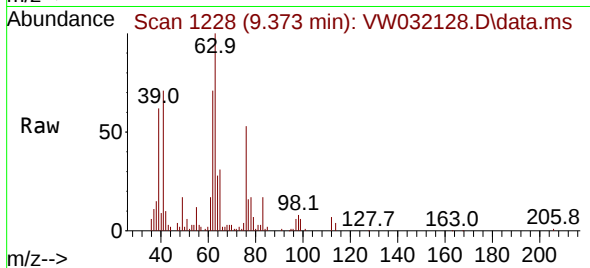
95 99.8 0.0 190.0



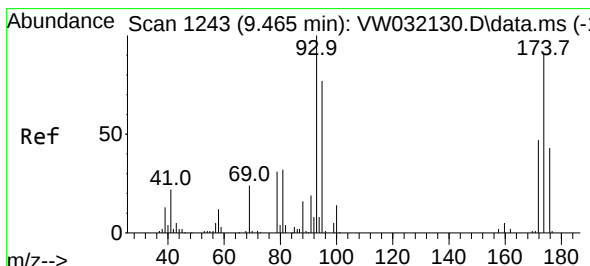
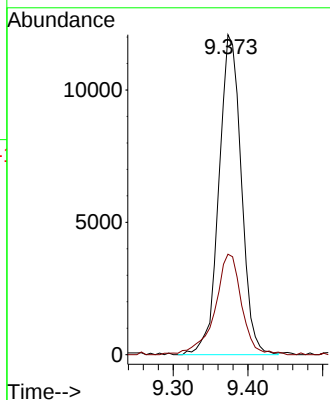
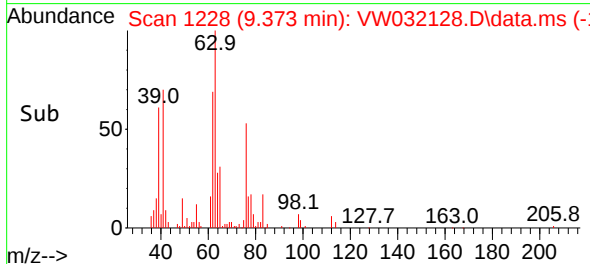


#45
1,2-Dichloropropane
Concen: 9.879 ug/l
RT: 9.373 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VW032128.D
Acq: 25 Aug 2025 12:55

Instrument :
MSVOA_W
ClientSampleId :

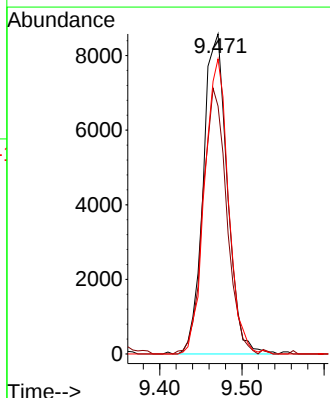
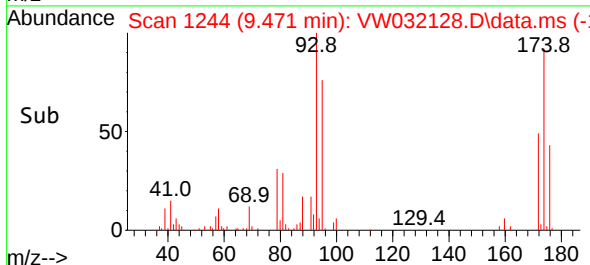
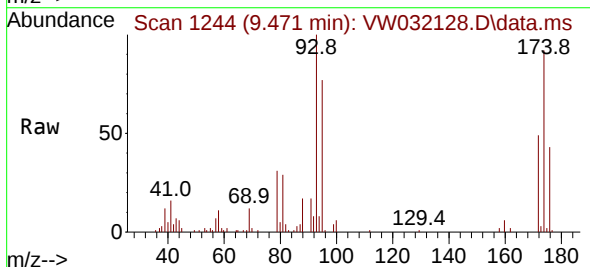


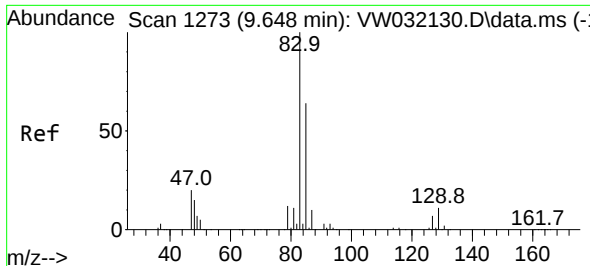
Tgt Ion: 63 Resp: 25157
Ion Ratio Lower Upper
63 100
65 31.0 24.1 36.1



#46
Dibromomethane
Concen: 9.828 ug/l
RT: 9.471 min Scan# 1244
Delta R.T. 0.006 min
Lab File: VW032128.D
Acq: 25 Aug 2025 12:55

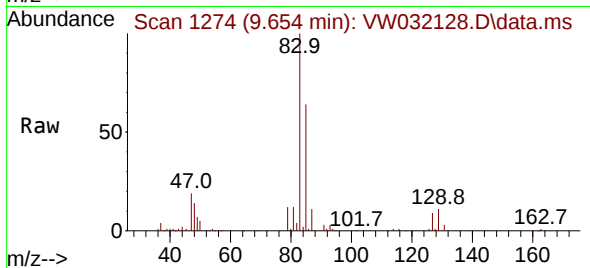
Tgt Ion: 93 Resp: 17456
Ion Ratio Lower Upper
93 100
95 82.2 65.7 98.5
174 91.2 74.2 111.2



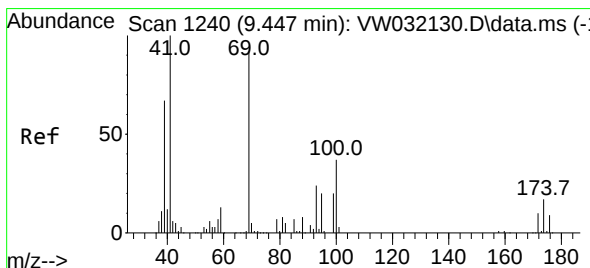
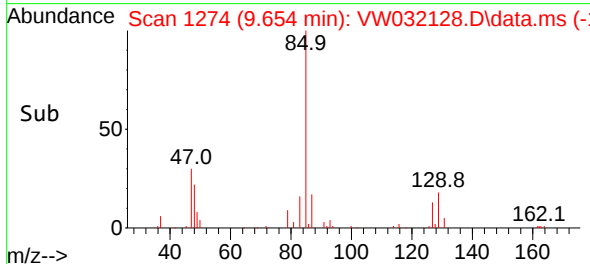
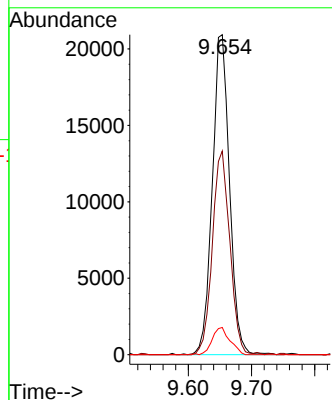


#47
Bromodichloromethane
Concen: 9.823 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VW032128.D
Acq: 25 Aug 2025 12:55

Instrument :
MSVOA_W
ClientSampleId :

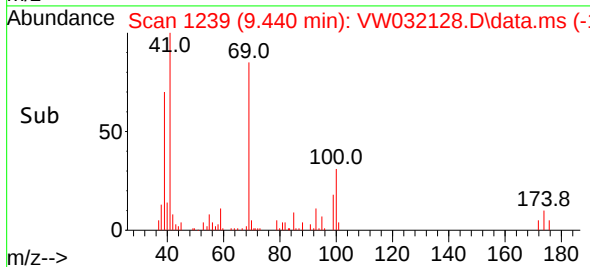
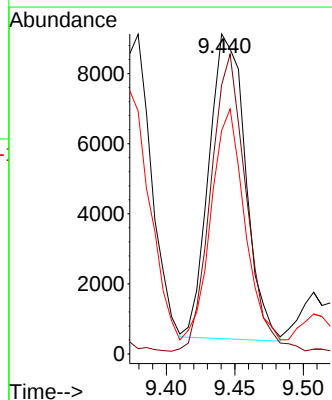
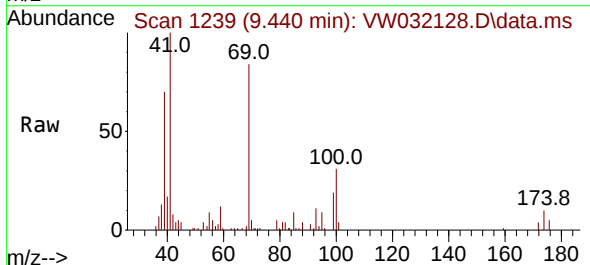


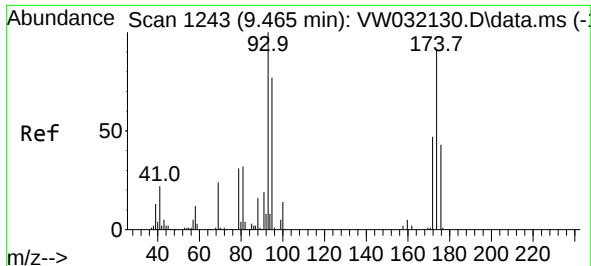
Tgt Ion: 83 Resp: 39551
Ion Ratio Lower Upper
83 100
85 63.6 52.2 78.4
127 8.5 6.6 9.8



#48
Methyl methacrylate
Concen: 8.845 ug/l
RT: 9.440 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032128.D
Acq: 25 Aug 2025 12:55

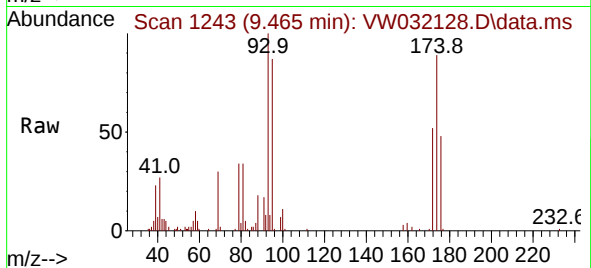
Tgt Ion: 41 Resp: 16164
Ion Ratio Lower Upper
41 100
69 95.3 72.4 108.6
39 76.1 57.8 86.8



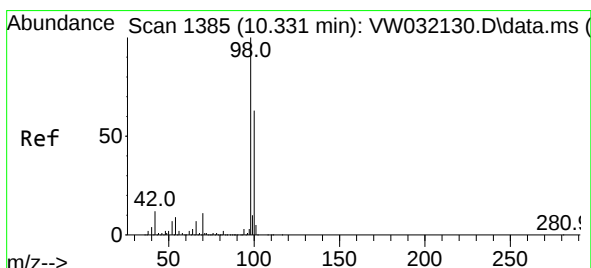
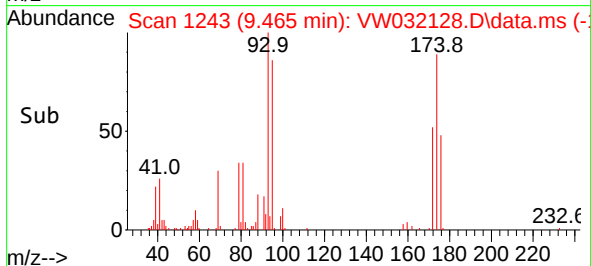
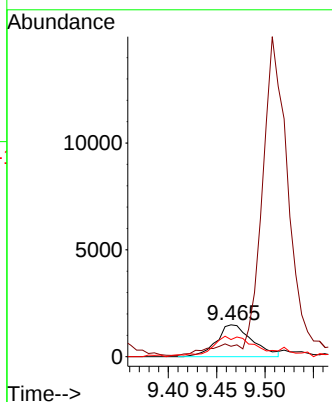


#49
1,4-Dioxane
Concen: 163.223 ug/l
RT: 9.465 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032128.D
Acq: 25 Aug 2025 12:55

Instrument :
MSVOA_W
ClientSampleId :

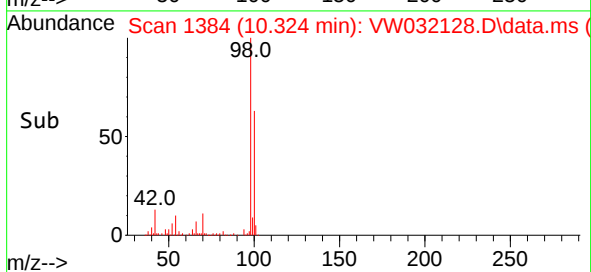
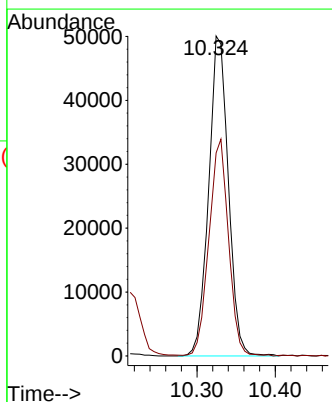
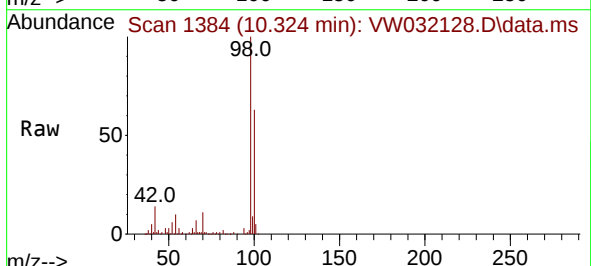


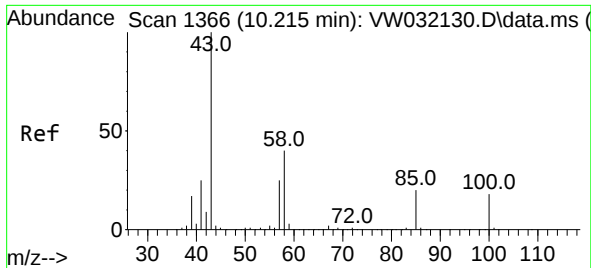
Tgt Ion	Ratio	Lower	Upper
88	100		
43	25.9	18.8	28.2
58	77.0	55.9	83.9



#50
Toluene-d8
Concen: 9.392 ug/l
RT: 10.324 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VW032128.D
Acq: 25 Aug 2025 12:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.3	51.4	77.2

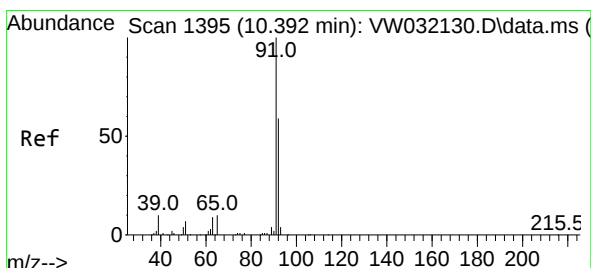
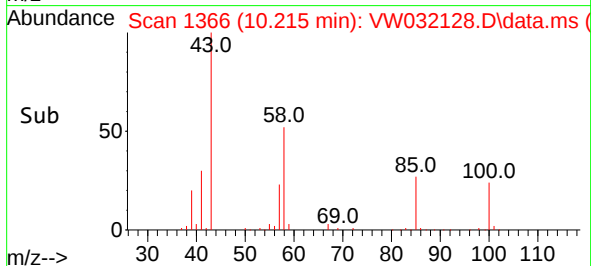
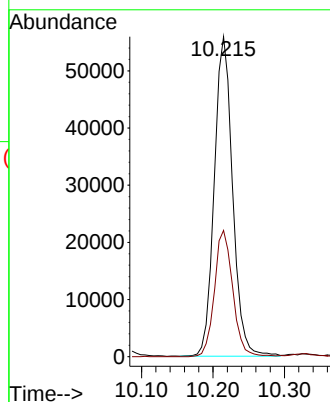
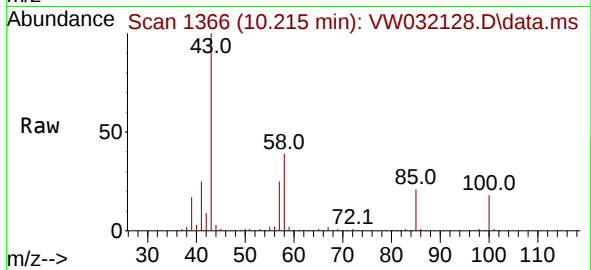




#51
4-Methyl-2-Pentanone
Concen: 45.442 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VW032128.D
Acq: 25 Aug 2025 12:55

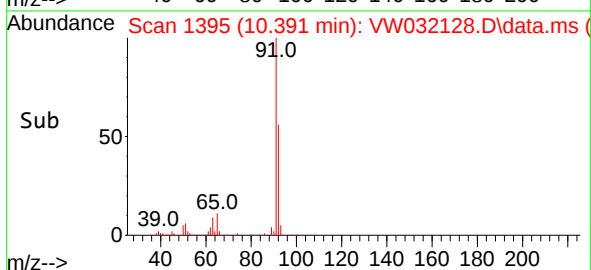
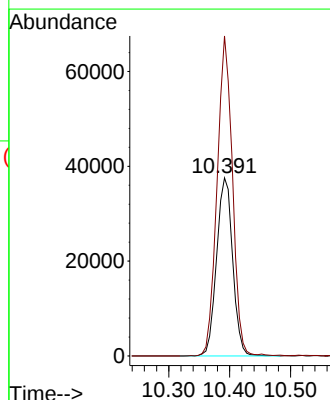
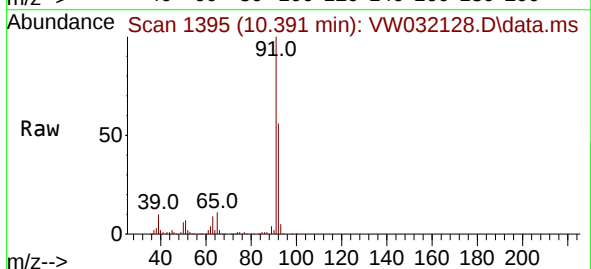
Instrument :
MSVOA_W
ClientSampleId :

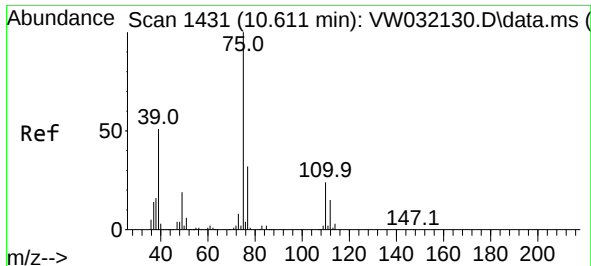
Tgt Ion: 43 Resp: 99587
Ion Ratio Lower Upper
43 100
58 39.5 31.6 47.4



#52
Toluene
Concen: 9.993 ug/l
RT: 10.391 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032128.D
Acq: 25 Aug 2025 12:55

Tgt Ion: 92 Resp: 68700
Ion Ratio Lower Upper
92 100
91 172.2 137.6 206.4

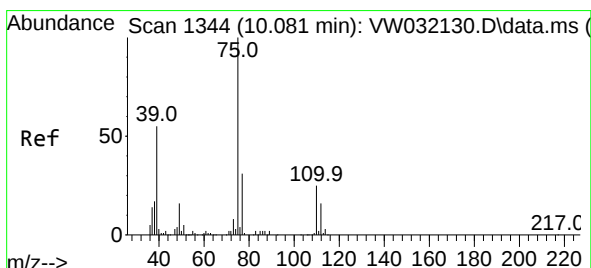
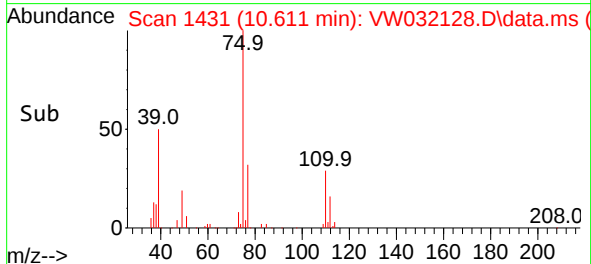
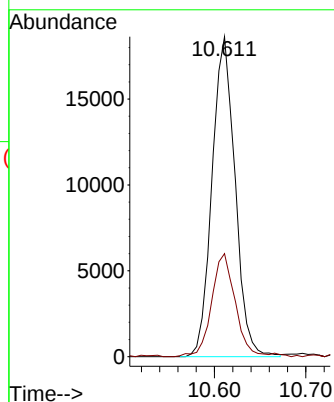
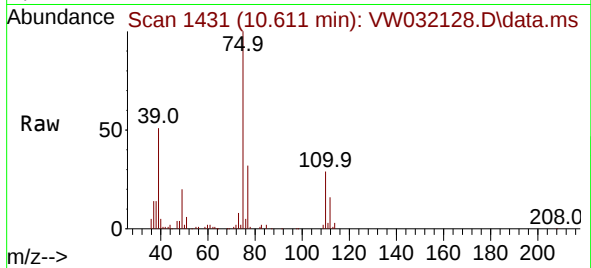




#53
 t-1,3-Dichloropropene
 Concen: 9.006 ug/l
 RT: 10.611 min Scan# 1431
 Delta R.T. -0.000 min
 Lab File: VW032128.D
 Acq: 25 Aug 2025 12:55

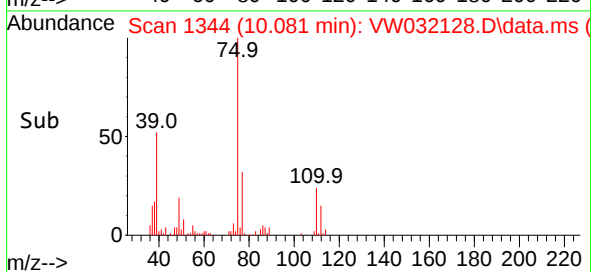
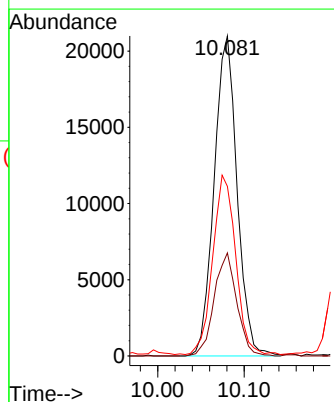
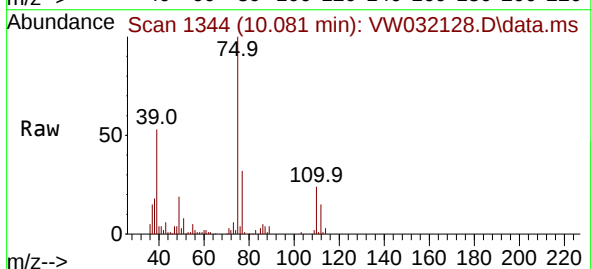
Instrument :
 MSVOA_W
 ClientSampleId :

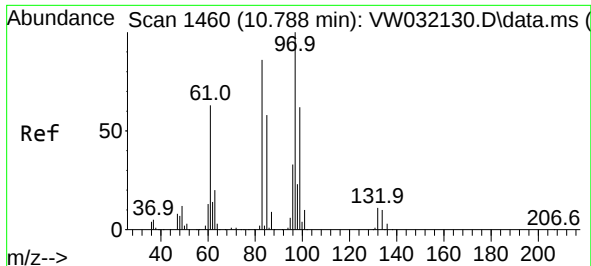
Tgt Ion: 75 Resp: 32578
 Ion Ratio Lower Upper
 75 100
 77 31.9 27.7 41.5



#54
 cis-1,3-Dichloropropene
 Concen: 9.359 ug/l
 RT: 10.081 min Scan# 1344
 Delta R.T. -0.000 min
 Lab File: VW032128.D
 Acq: 25 Aug 2025 12:55

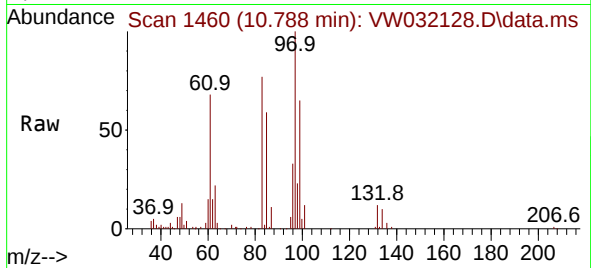
Tgt Ion: 75 Resp: 38622
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.5 39.7
 39 52.5 42.2 63.4



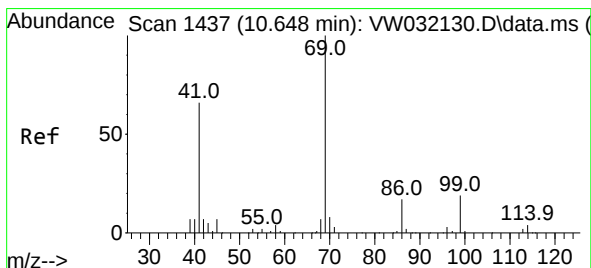
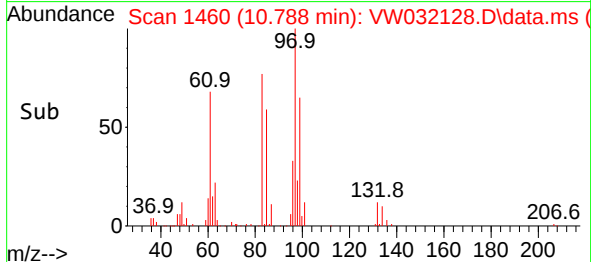
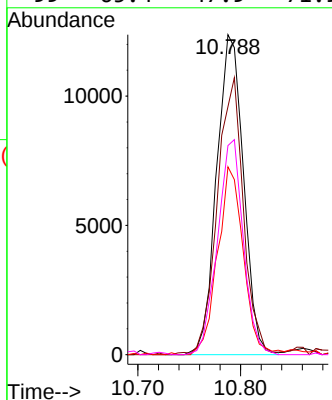


#55
1,1,2-Trichloroethane
Concen: 9.658 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032128.D
Acq: 25 Aug 2025 12:55

Instrument :
MSVOA_W
ClientSampleId :

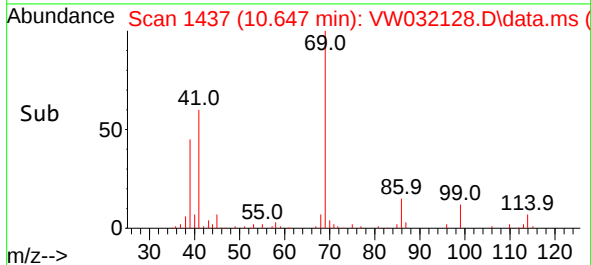
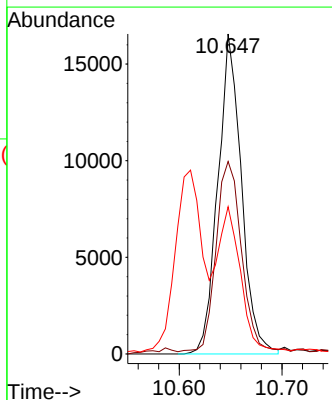
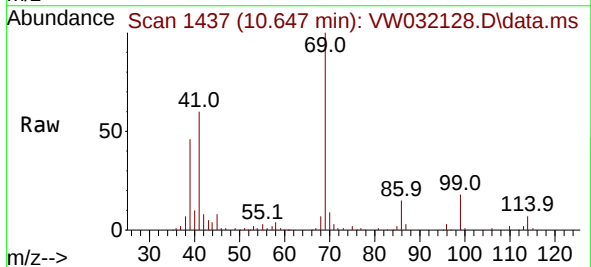


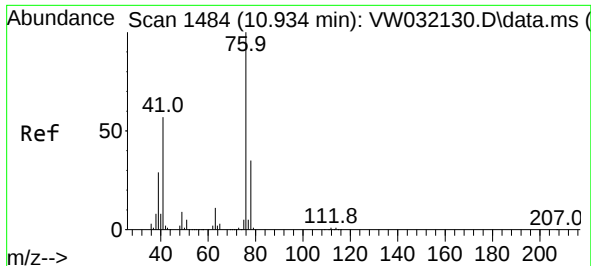
Tgt Ion:	97	Resp:	22402
Ion	Ratio	Lower	Upper
97	100		
83	76.9	65.6	98.4
85	58.7	42.6	63.8
99	65.4	47.9	71.9



#56
Ethyl methacrylate
Concen: 8.739 ug/l
RT: 10.647 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032128.D
Acq: 25 Aug 2025 12:55

Tgt Ion:	69	Resp:	26280
Ion	Ratio	Lower	Upper
69	100		
41	64.4	52.5	78.7
39	43.4	33.2	49.8





#57

1,3-Dichloropropane

Concen: 9.809 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032128.D

Acq: 25 Aug 2025 12:55

Instrument :

MSVOA_W

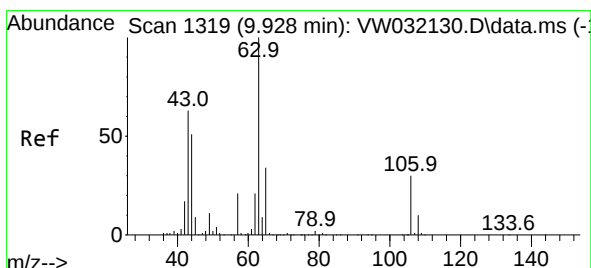
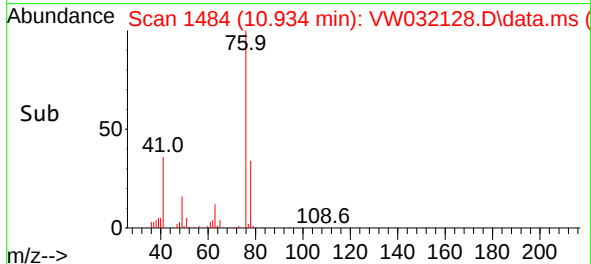
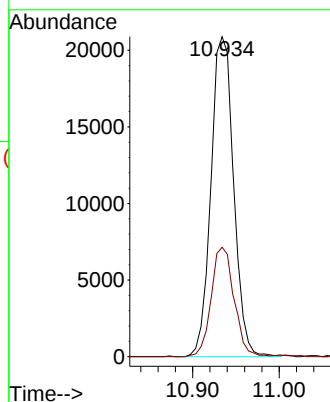
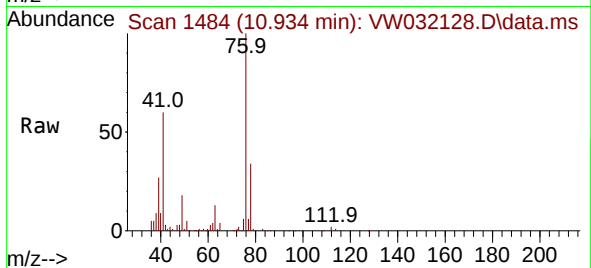
ClientSampleId :

Tgt Ion: 76 Resp: 37973

Ion Ratio Lower Upper

76 100

78 34.4 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 45.094 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032128.D

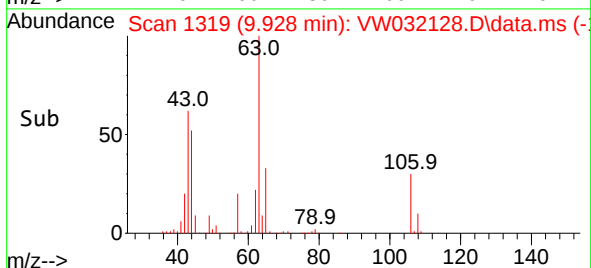
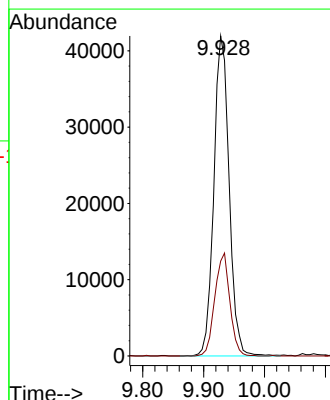
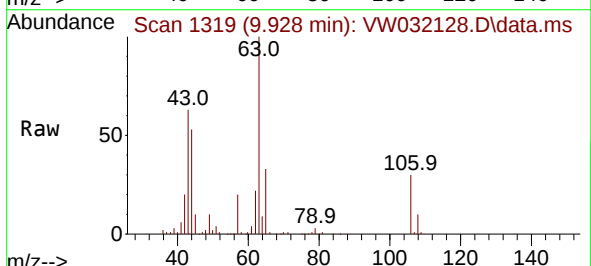
Acq: 25 Aug 2025 12:55

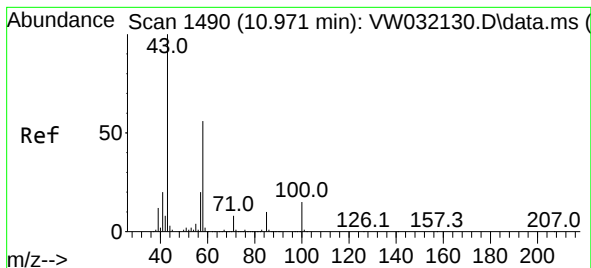
Tgt Ion: 63 Resp: 73104

Ion Ratio Lower Upper

63 100

106 31.5 24.6 36.8

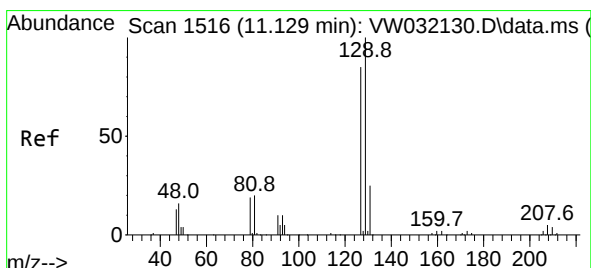
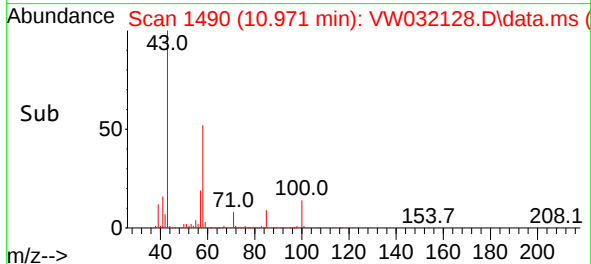
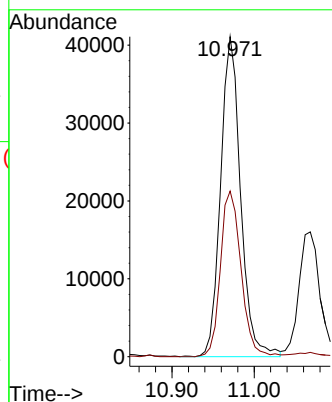
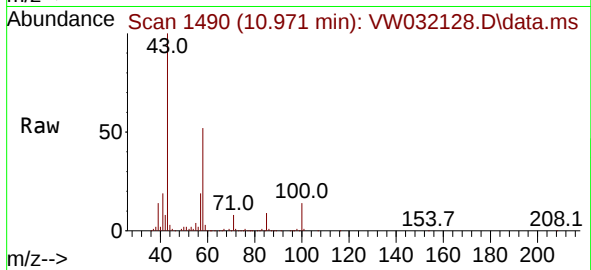




#59
2-Hexanone
Concen: 44.708 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032128.D
Acq: 25 Aug 2025 12:55

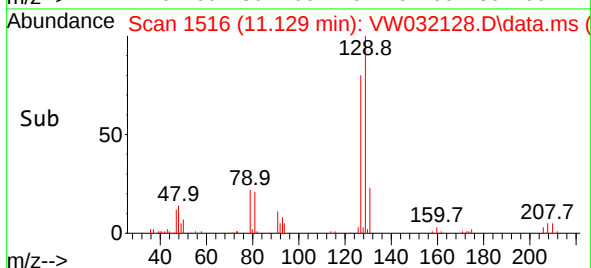
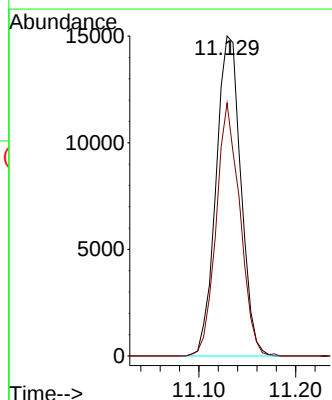
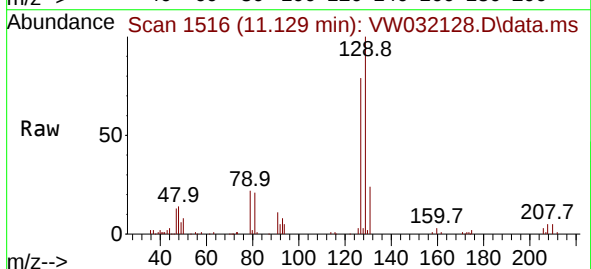
Instrument :
MSVOA_W
ClientSampleId :

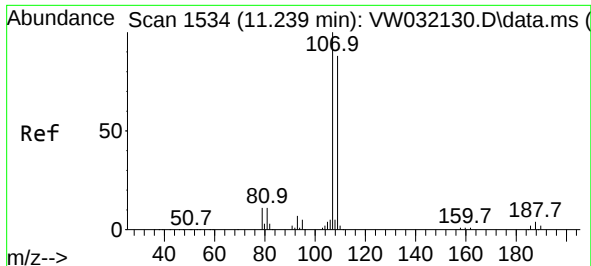
Tgt Ion: 43 Resp: 69676
Ion Ratio Lower Upper
43 100
58 53.3 27.1 81.2



#60
Dibromochloromethane
Concen: 9.528 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032128.D
Acq: 25 Aug 2025 12:55

Tgt Ion: 129 Resp: 26774
Ion Ratio Lower Upper
129 100
127 75.5 39.3 117.8

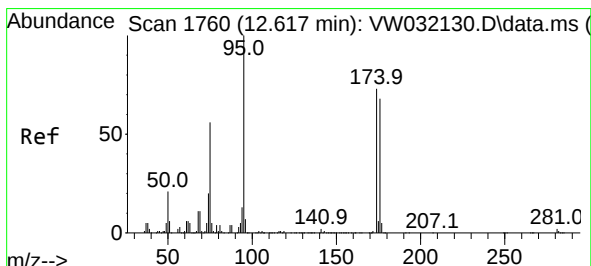
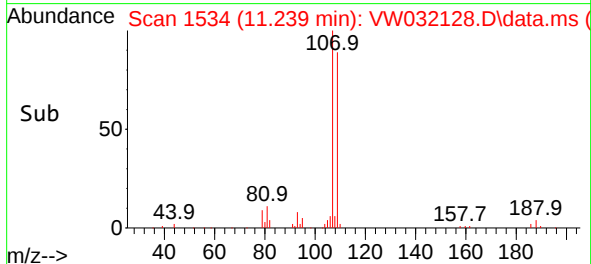
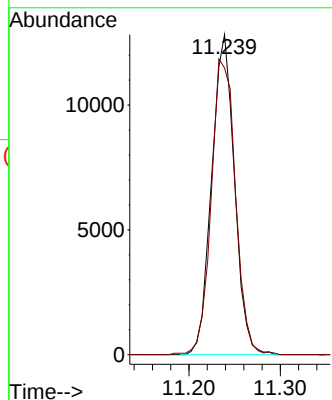
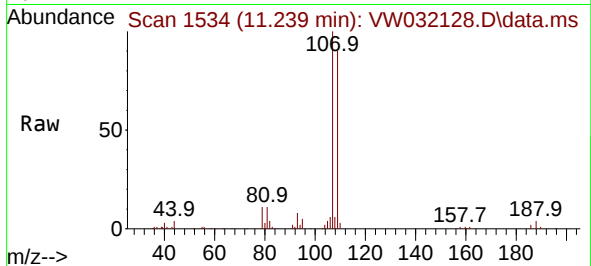




#61
1,2-Dibromoethane
Concen: 9.626 ug/l
RT: 11.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032128.D
Acq: 25 Aug 2025 12:55

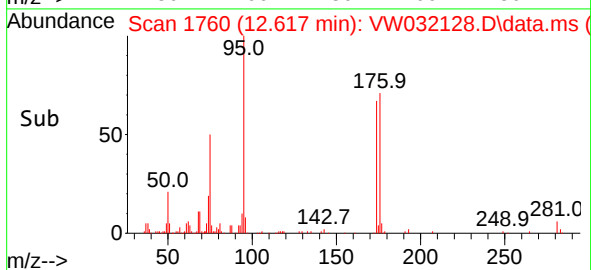
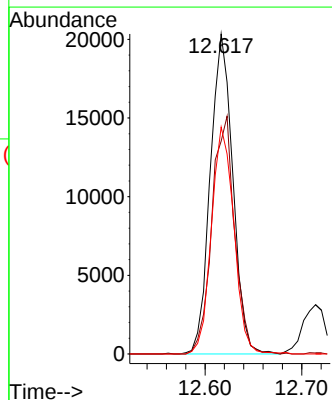
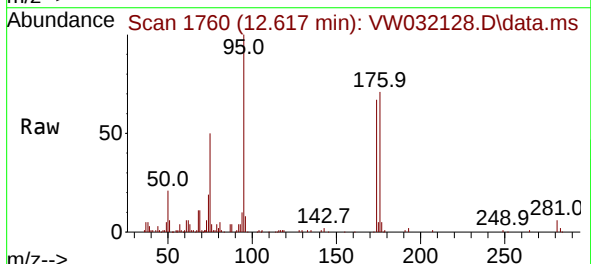
Instrument :
MSVOA_W
ClientSampleId :

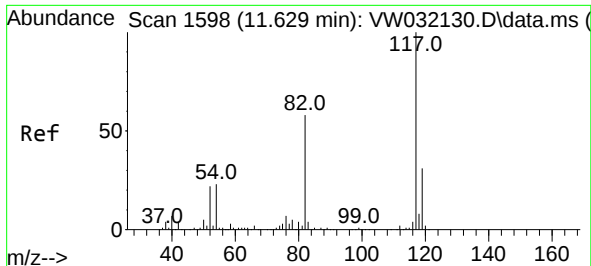
Tgt Ion:107 Resp: 22162
Ion Ratio Lower Upper
107 100
109 98.4 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 9.522 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032128.D
Acq: 25 Aug 2025 12:55

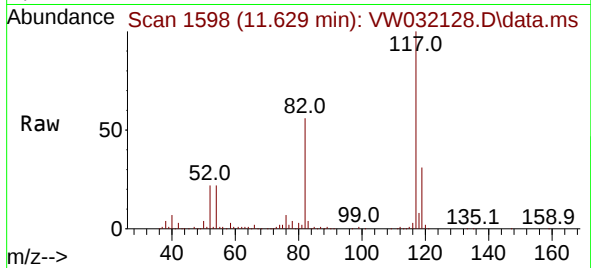
Tgt Ion: 95 Resp: 32873
Ion Ratio Lower Upper
95 100
174 75.1 0.0 154.0
176 70.9 0.0 135.2



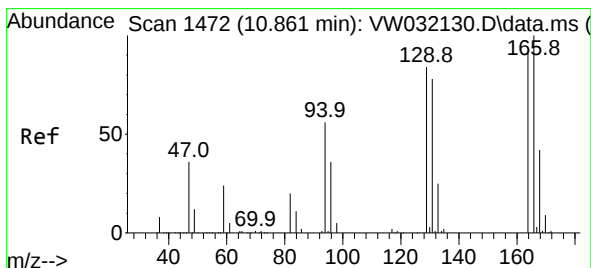
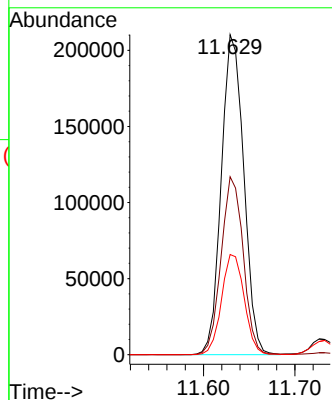
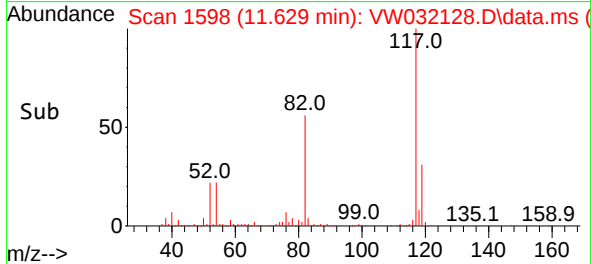


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032128.D
Acq: 25 Aug 2025 12:55

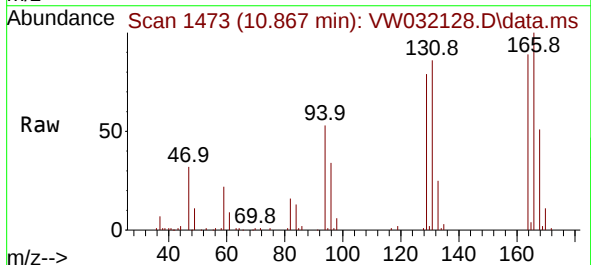
Instrument :
MSVOA_W
ClientSampleId :



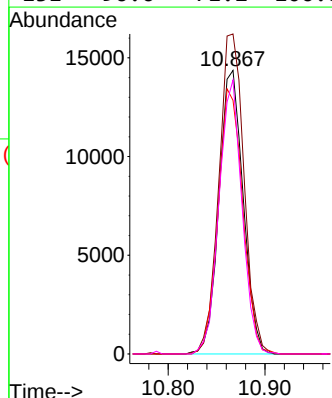
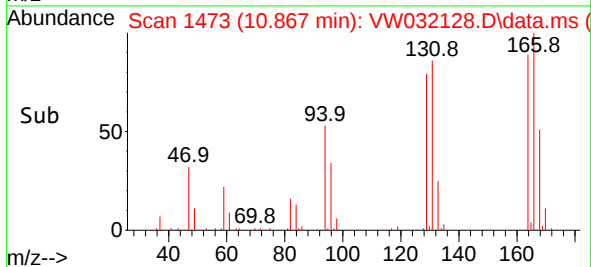
Tgt Ion:117 Resp: 359504
Ion Ratio Lower Upper
117 100
82 55.6 42.8 64.2
119 31.3 24.5 36.7

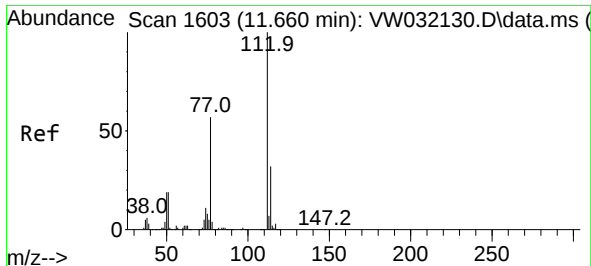


#64
Tetrachloroethene
Concen: 10.391 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VW032128.D
Acq: 25 Aug 2025 12:55



Tgt Ion:164 Resp: 24817
Ion Ratio Lower Upper
164 100
166 112.9 101.9 152.9
129 89.5 79.6 119.4
131 96.6 71.2 106.8

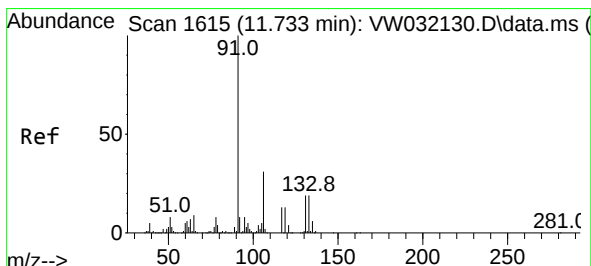
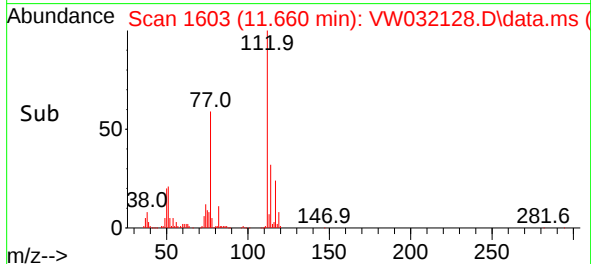
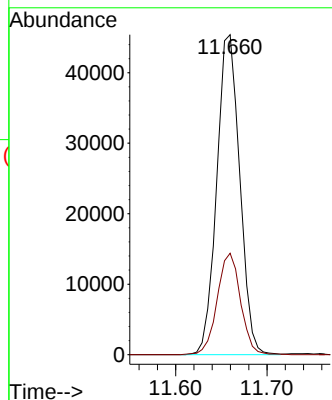
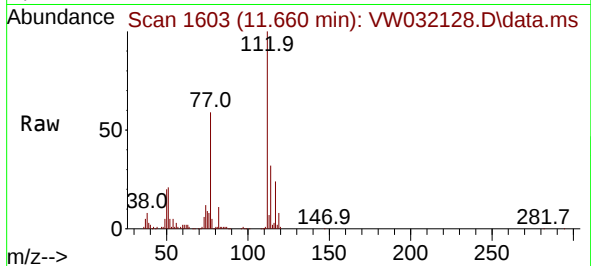




#65
Chlorobenzene
Concen: 9.785 ug/l
RT: 11.660 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VW032128.D
Acq: 25 Aug 2025 12:55

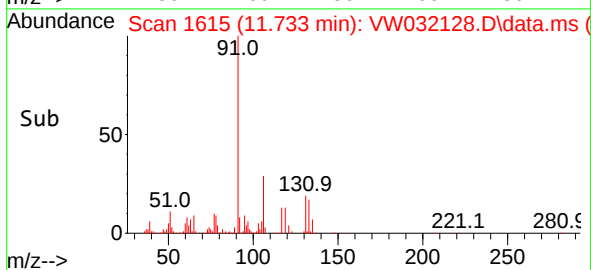
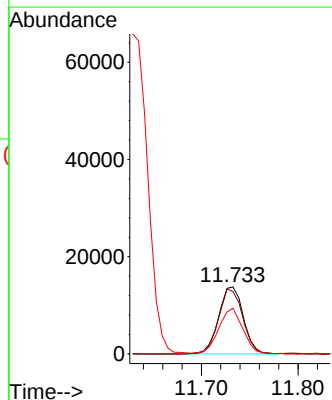
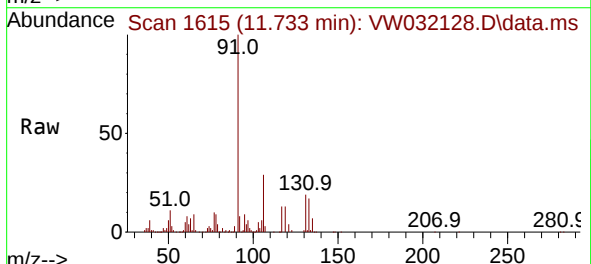
Instrument :
MSVOA_W
ClientSampleId :

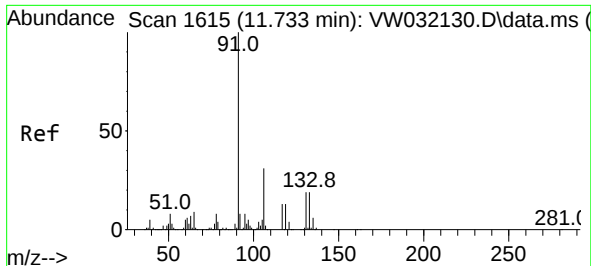
Tgt Ion:112 Resp: 79508
Ion Ratio Lower Upper
112 100
114 31.7 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 9.299 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. -0.000 min
Lab File: VW032128.D
Acq: 25 Aug 2025 12:55

Tgt Ion:131 Resp: 24375
Ion Ratio Lower Upper
131 100
133 95.2 48.4 145.3
119 67.3 32.2 96.6





#67

Ethyl Benzene

Concen: 9.493 ug/l

RT: 11.727 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032128.D

Acq: 25 Aug 2025 12:55

Instrument :

MSVOA_W

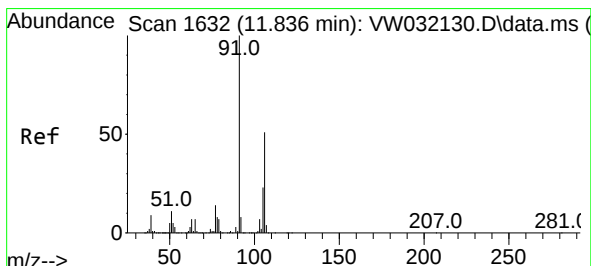
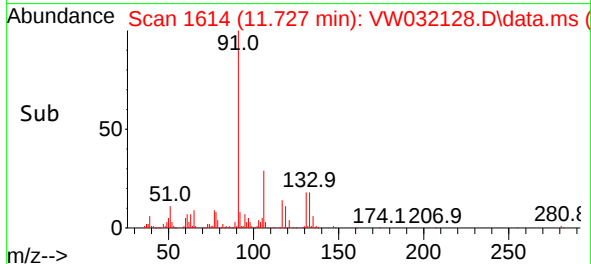
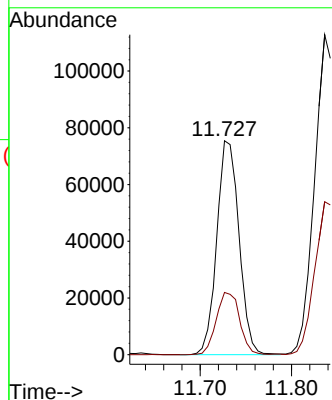
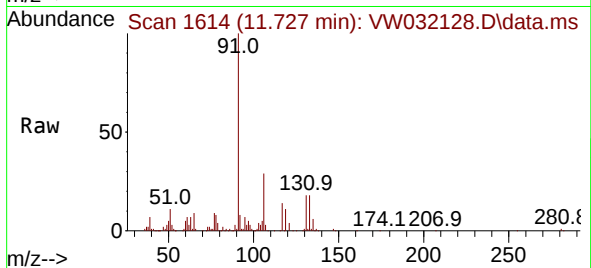
ClientSampleId :

Tgt Ion: 91 Resp: 127591

Ion Ratio Lower Upper

91 100

106 29.1 25.1 37.7



#68

m/p-Xylenes

Concen: 19.488 ug/l

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW032128.D

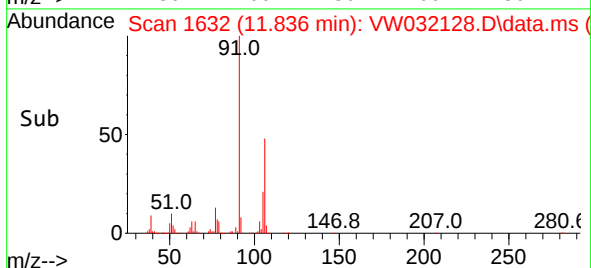
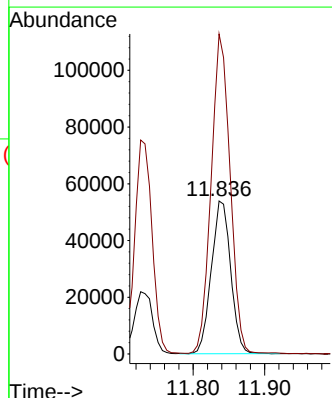
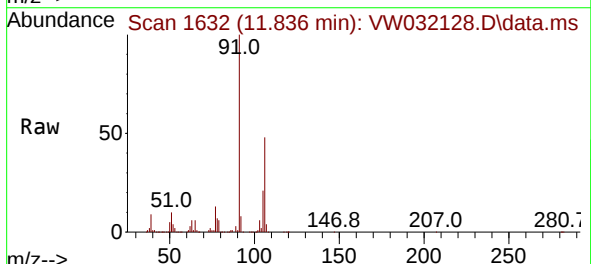
Acq: 25 Aug 2025 12:55

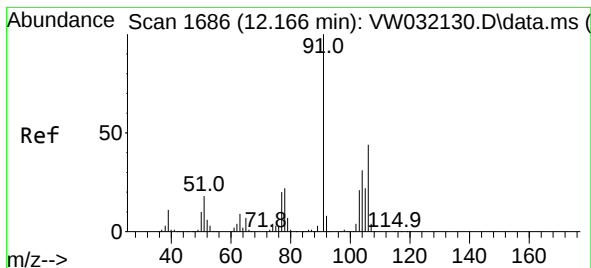
Tgt Ion:106 Resp: 101062

Ion Ratio Lower Upper

106 100

91 206.0 165.3 247.9

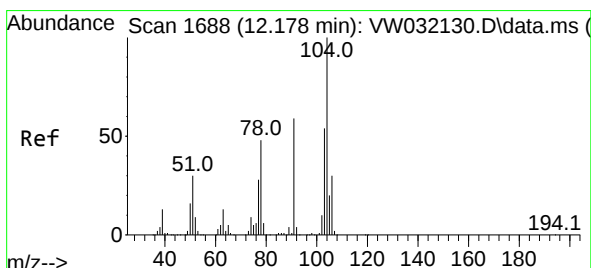
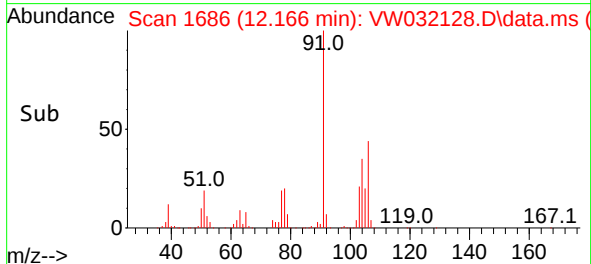
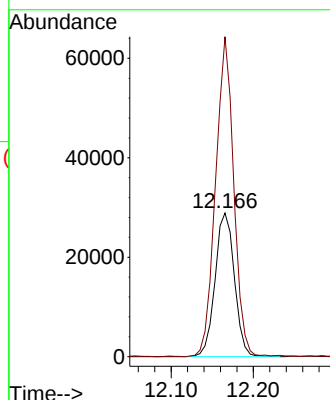
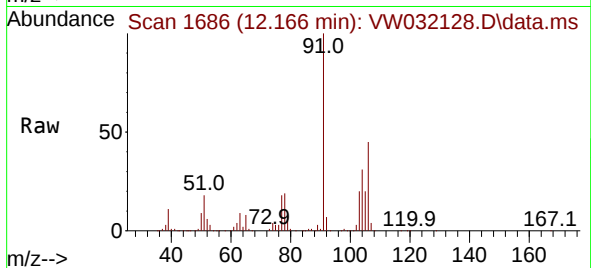




#69
o-Xylene
Concen: 9.610 ug/l
RT: 12.166 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032128.D
Acq: 25 Aug 2025 12:55

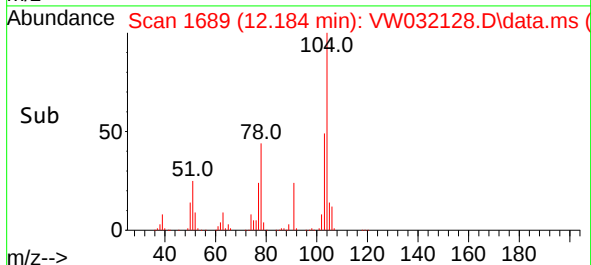
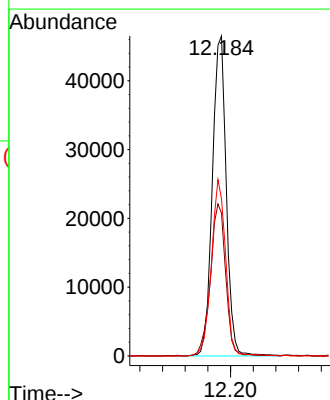
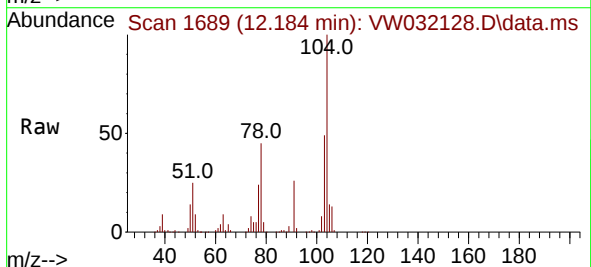
Instrument :
MSVOA_W
ClientSampleId :

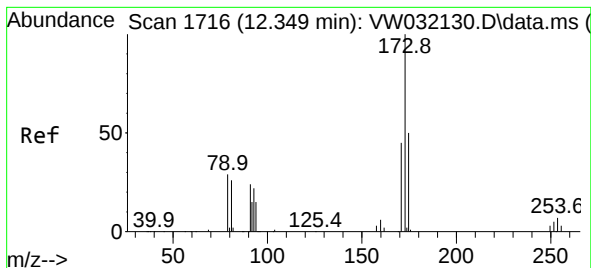
Tgt Ion:106 Resp: 47196
Ion Ratio Lower Upper
106 100
91 210.0 109.7 329.2



#70
Styrene
Concen: 9.324 ug/l
RT: 12.184 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VW032128.D
Acq: 25 Aug 2025 12:55

Tgt Ion:104 Resp: 79383
Ion Ratio Lower Upper
104 100
78 51.6 41.1 61.7
103 56.7 43.7 65.5





#71

Bromoform

Concen: 8.732 ug/l

RT: 12.348 min Scan# 1716

Delta R.T. -0.000 min

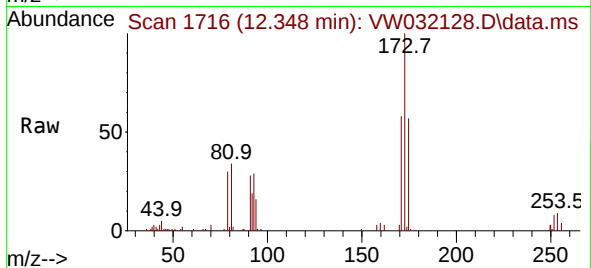
Lab File: VW032128.D

Acq: 25 Aug 2025 12:55

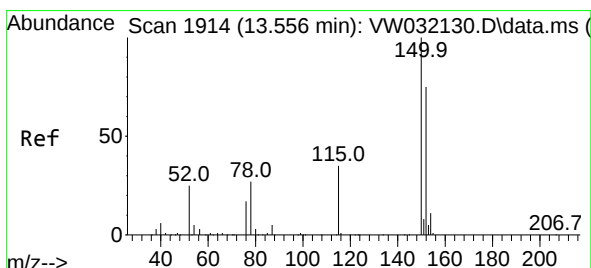
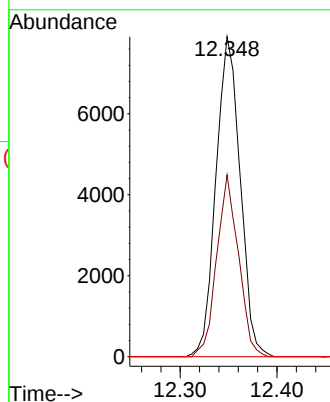
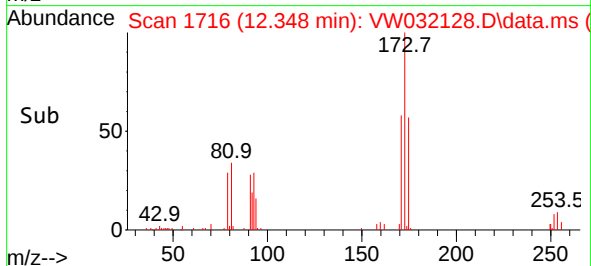
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	173	Resp:	13738
Ion Ratio	Lower	Upper	
173	100		
175	51.2	24.5	73.5
254	0.0	0.1	0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

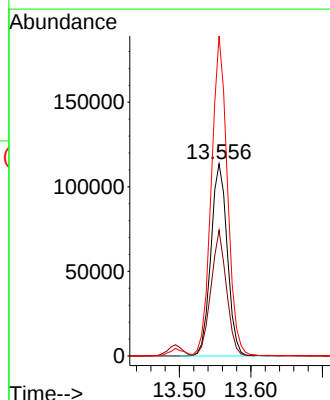
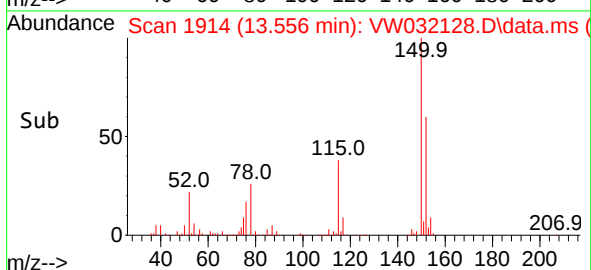
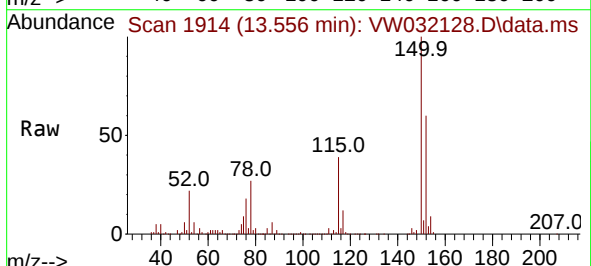
RT: 13.556 min Scan# 1914

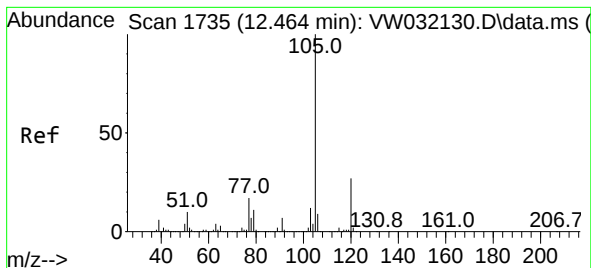
Delta R.T. -0.000 min

Lab File: VW032128.D

Acq: 25 Aug 2025 12:55

Tgt Ion:	152	Resp:	180824
Ion Ratio	Lower	Upper	
152	100		
115	61.8	30.5	91.5
150	162.2	0.0	319.8





#73

Isopropylbenzene

Concen: 9.603 ug/l

RT: 12.464 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032128.D

Acq: 25 Aug 2025 12:55

Instrument :

MSVOA_W

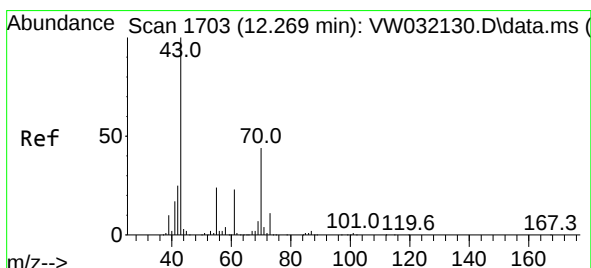
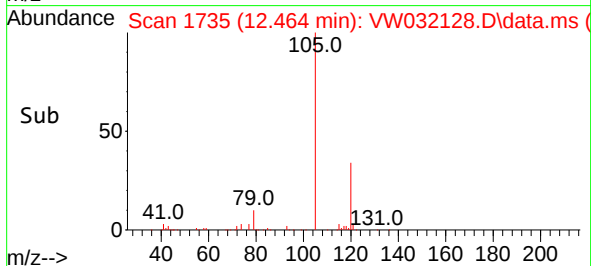
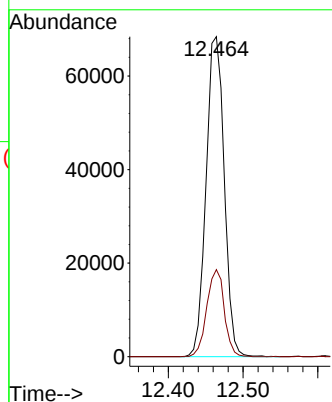
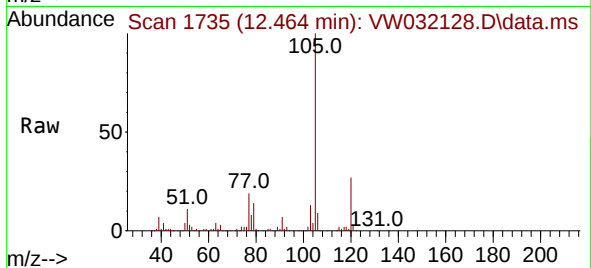
ClientSampleId :

Tgt Ion:105 Resp: 115553

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.5



#74

N-ethyl acetate

Concen: 8.868 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VW032128.D

Acq: 25 Aug 2025 12:55

Tgt Ion: 43 Resp: 31030

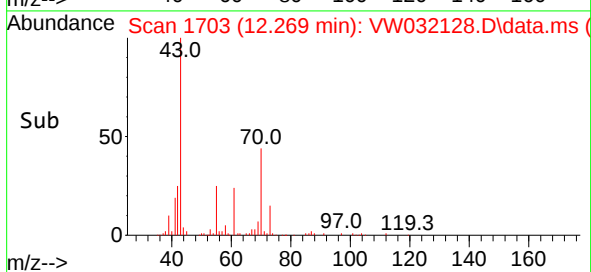
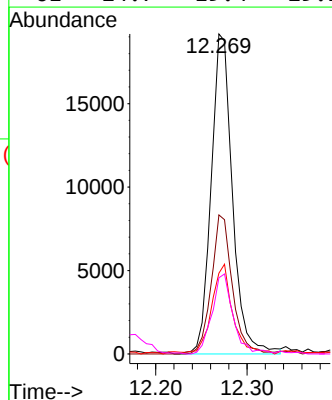
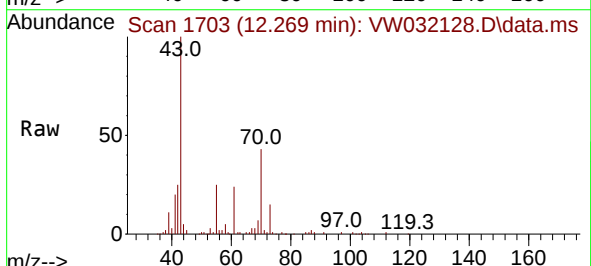
Ion Ratio Lower Upper

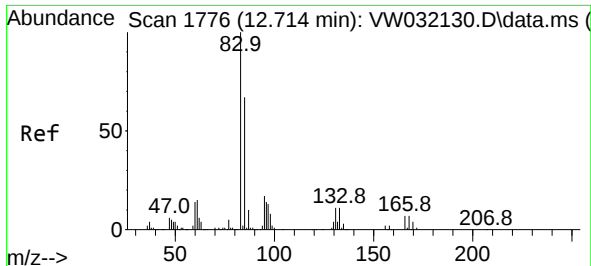
43 100

70 42.7 35.5 53.3

55 27.6 20.4 30.6

61 24.7 19.4 29.2

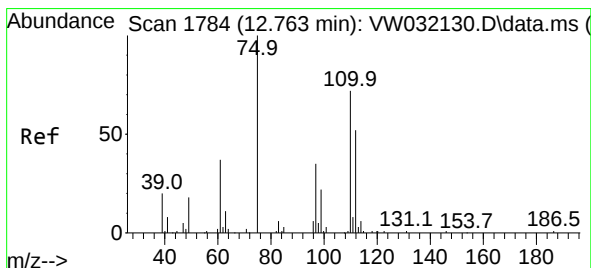
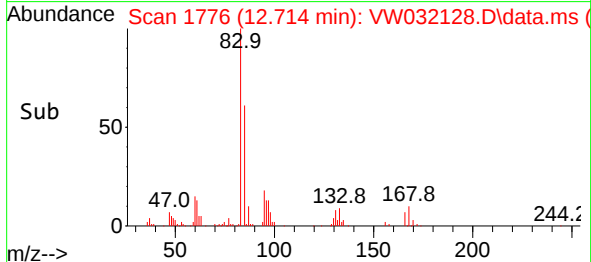
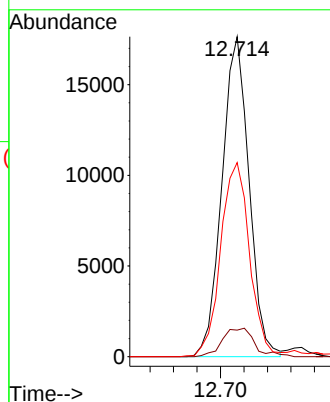
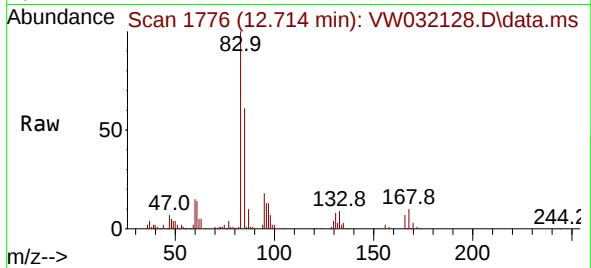




#75
 1,1,2,2-Tetrachloroethane
 Concen: 9.899 ug/l
 RT: 12.714 min Scan# 1776
 Delta R.T. -0.000 min
 Lab File: VW032128.D
 Acq: 25 Aug 2025 12:55

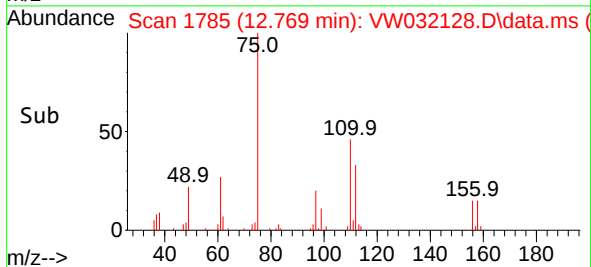
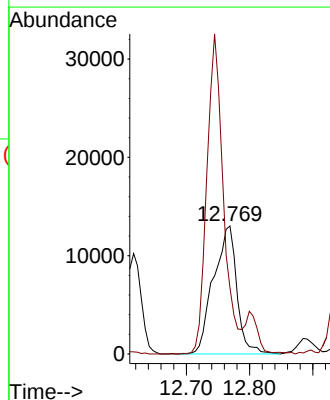
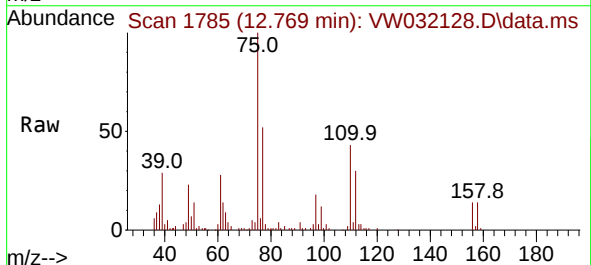
Instrument :
 MSVOA_W
 ClientSampleId :

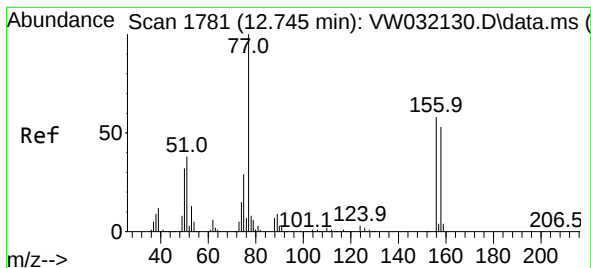
Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.5	16.4
85	64.7	32.8	98.4



#76
 1,2,3-Trichloropropane
 Concen: 15.023 ug/l
 RT: 12.769 min Scan# 1785
 Delta R.T. 0.006 min
 Lab File: VW032128.D
 Acq: 25 Aug 2025 12:55

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	139.4	418.2#





#77

Bromobenzene

Concen: 9.378 ug/l

RT: 12.751 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032128.D

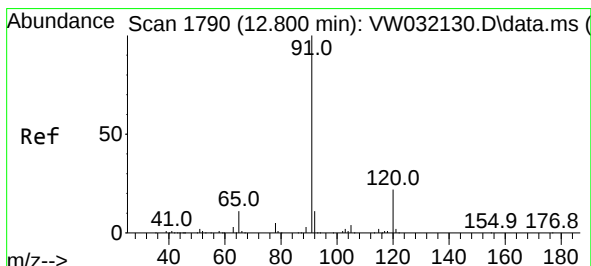
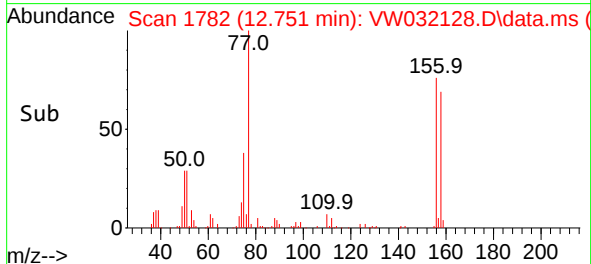
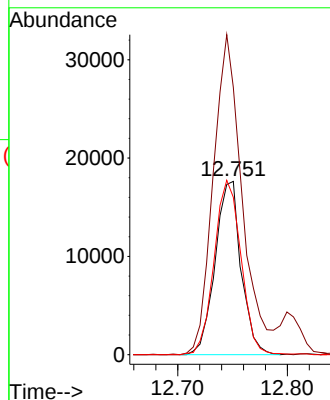
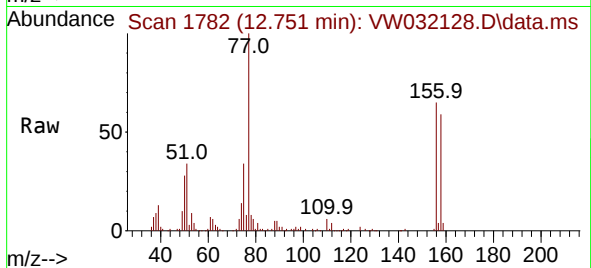
Acq: 25 Aug 2025 12:55

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	156	Resp:	29004
Ion Ratio	Lower	Upper	
156	100		
77	205.5	92.5	277.3
158	104.5	44.5	133.7



#78

n-propylbenzene

Concen: 9.824 ug/l

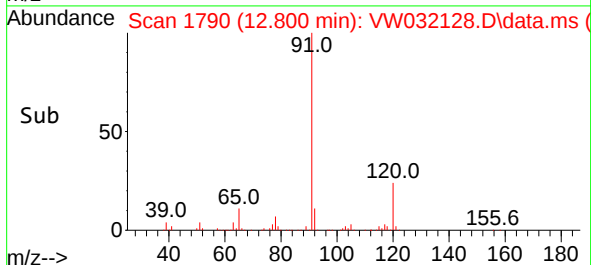
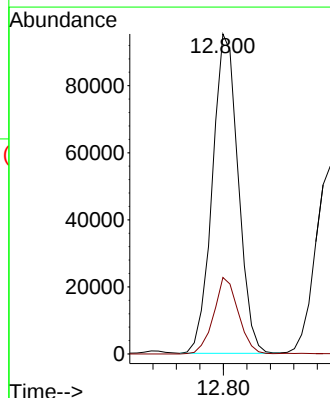
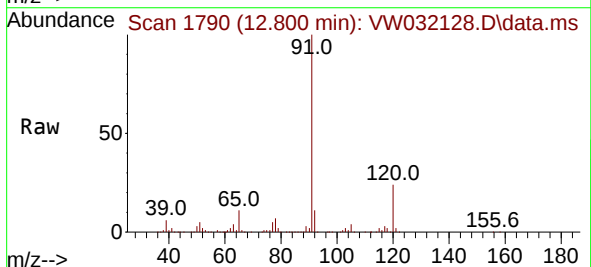
RT: 12.800 min Scan# 1790

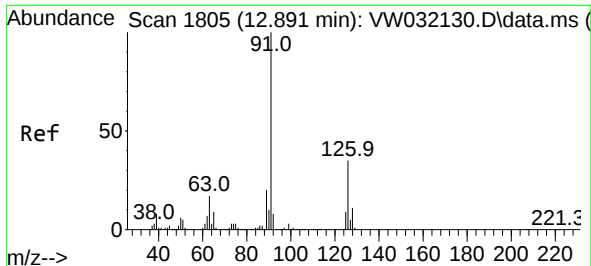
Delta R.T. -0.000 min

Lab File: VW032128.D

Acq: 25 Aug 2025 12:55

Tgt Ion:	91	Resp:	145659
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.1	33.3





#79

2-Chlorotoluene

Concen: 9.901 ug/l

RT: 12.891 min Scan# 1805

Delta R.T. -0.000 min

Lab File: VW032128.D

Acq: 25 Aug 2025 12:55

Instrument :

MSVOA_W

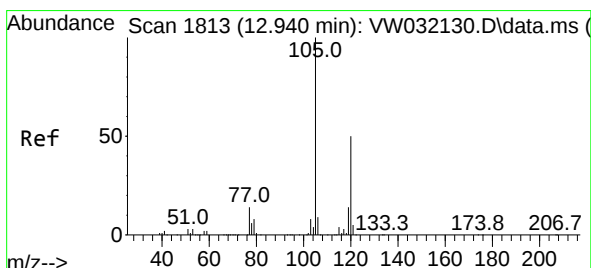
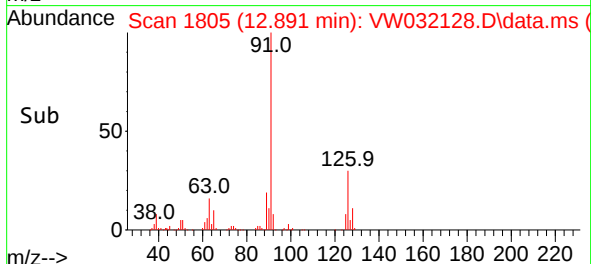
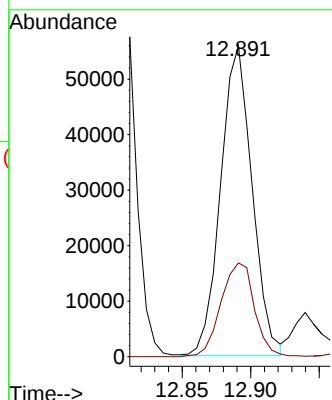
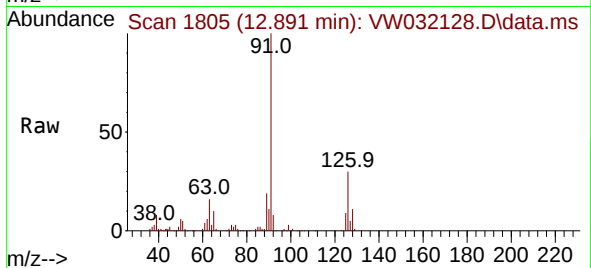
ClientSampleId :

Tgt Ion: 91 Resp: 89164

Ion Ratio Lower Upper

91 100

126 32.2 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 9.757 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW032128.D

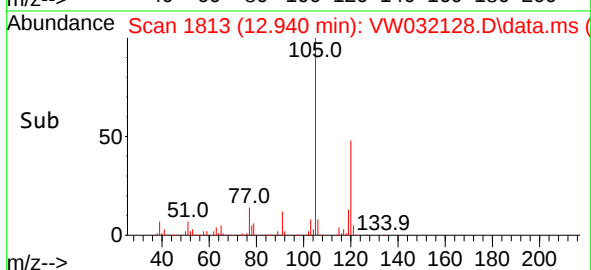
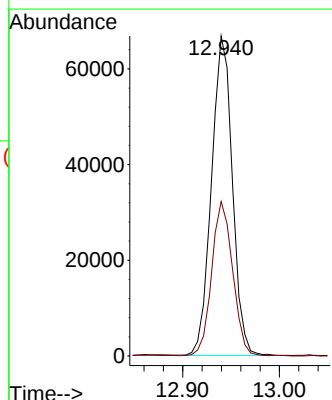
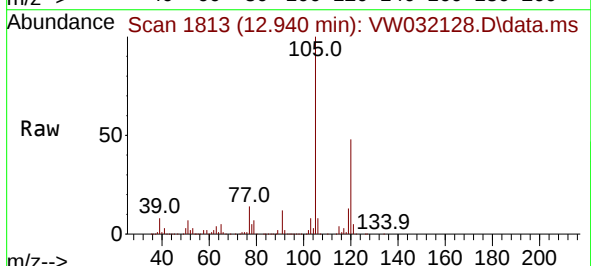
Acq: 25 Aug 2025 12:55

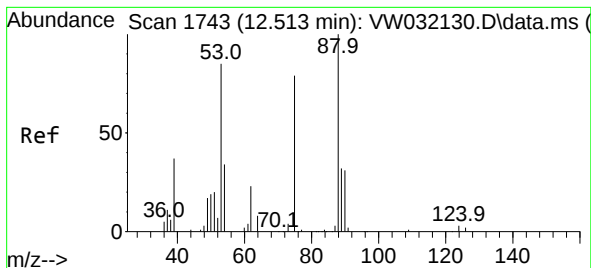
Tgt Ion: 105 Resp: 100239

Ion Ratio Lower Upper

105 100

120 48.2 23.8 71.2

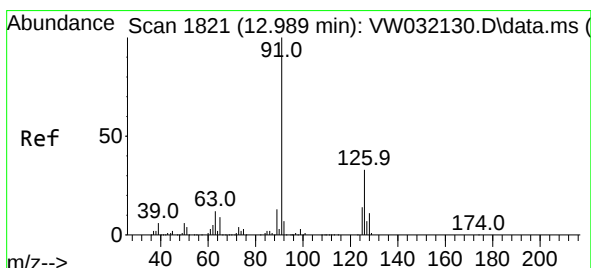
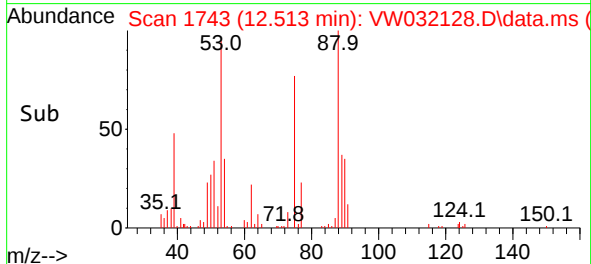
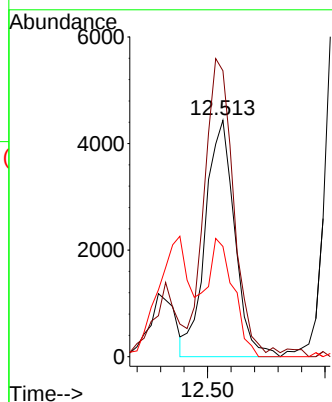
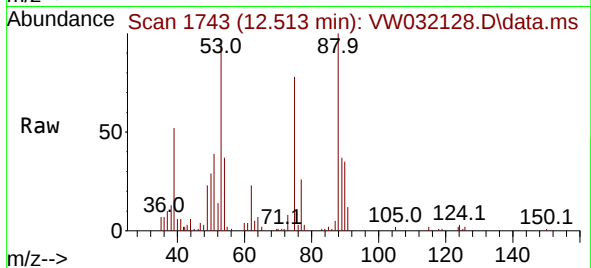




#81
trans-1,4-Dichloro-2-butene
Concen: 9.032 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VW032128.D
Acq: 25 Aug 2025 12:55

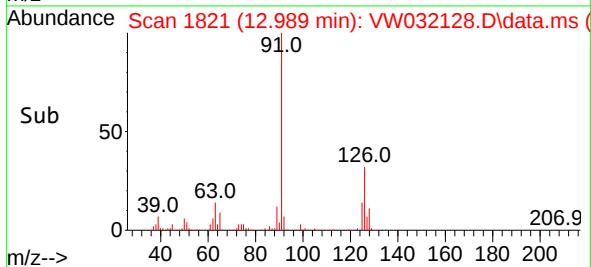
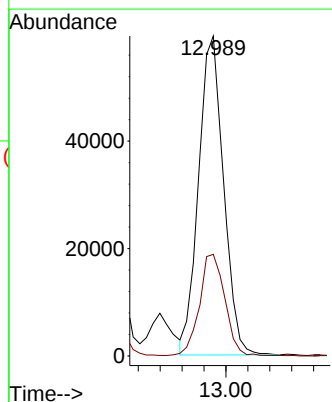
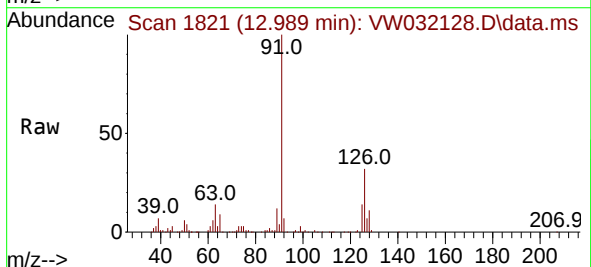
Instrument :
MSVOA_W
ClientSampleId :

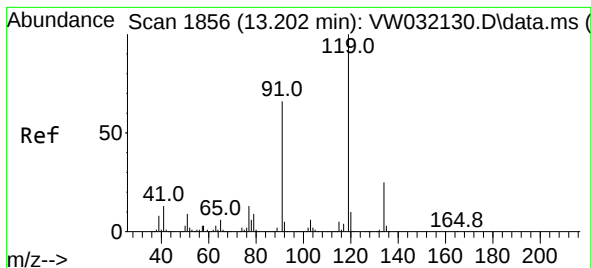
Tgt Ion: 75 Resp: 7676
Ion Ratio Lower Upper
75 100
53 121.7 89.0 133.4
89 47.3 36.6 54.8



#82
4-Chlorotoluene
Concen: 9.889 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VW032128.D
Acq: 25 Aug 2025 12:55

Tgt Ion: 91 Resp: 94107
Ion Ratio Lower Upper
91 100
126 32.6 16.6 49.8





#83

tert-Butylbenzene

Concen: 9.468 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. -0.000 min

Lab File: VW032128.D

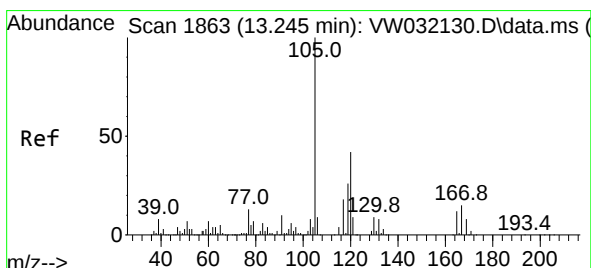
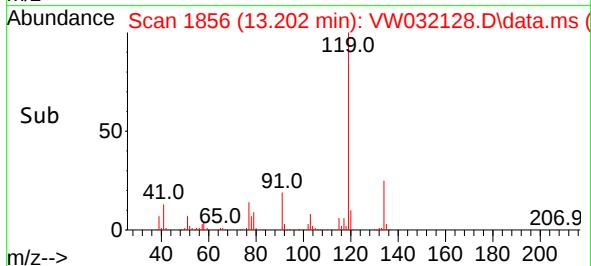
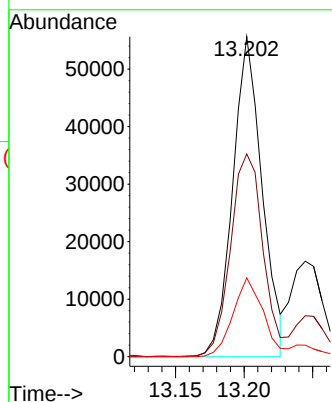
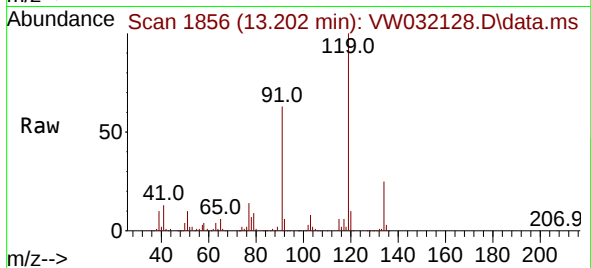
Acq: 25 Aug 2025 12:55

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	119	Resp:	83161
Ion Ratio	Lower	Upper	
119	100		
91	70.7	34.5	103.5
134	25.6	12.5	37.5



#84

1,2,4-Trimethylbenzene

Concen: 9.495 ug/l

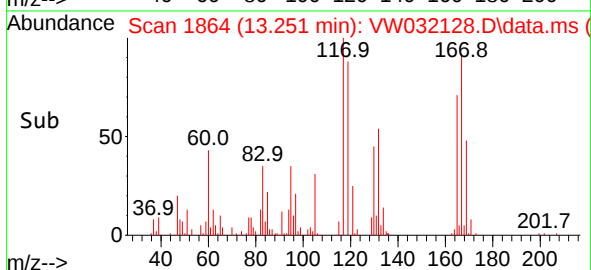
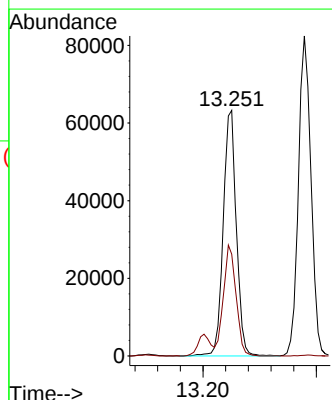
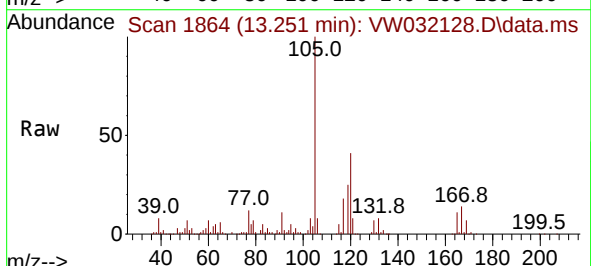
RT: 13.251 min Scan# 1864

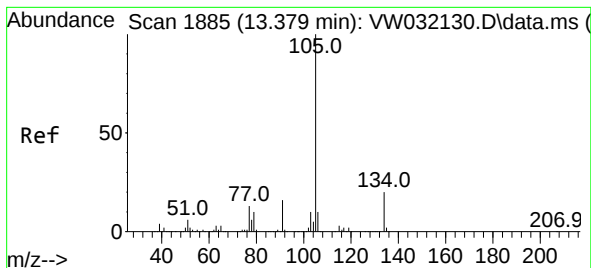
Delta R.T. 0.006 min

Lab File: VW032128.D

Acq: 25 Aug 2025 12:55

Tgt Ion:	105	Resp:	101422
Ion Ratio	Lower	Upper	
105	100		
120	43.4	21.8	65.3





#85

sec-Butylbenzene

Concen: 9.669 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VW032128.D

Acq: 25 Aug 2025 12:55

Instrument :

MSVOA_W

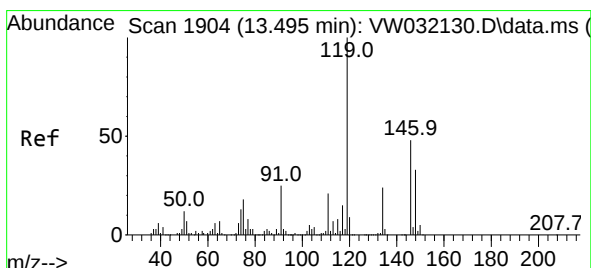
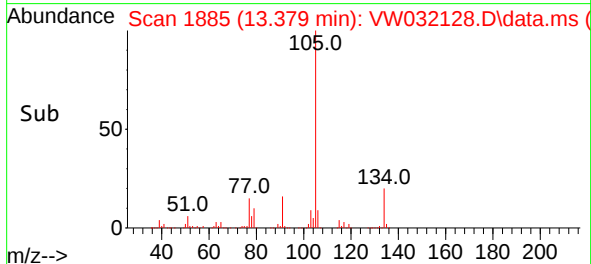
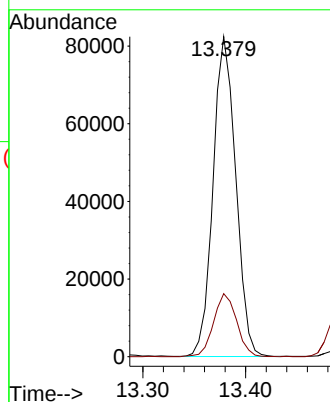
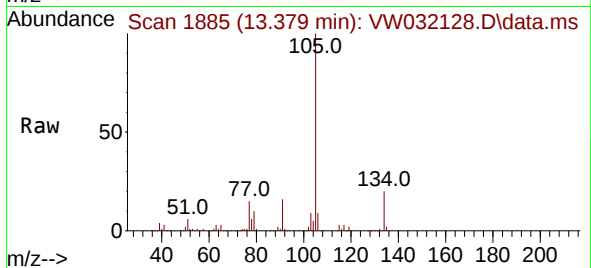
ClientSampleId :

Tgt Ion:105 Resp: 126261

Ion Ratio Lower Upper

105 100

134 20.1 10.0 30.0



#86

p-Isopropyltoluene

Concen: 9.795 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032128.D

Acq: 25 Aug 2025 12:55

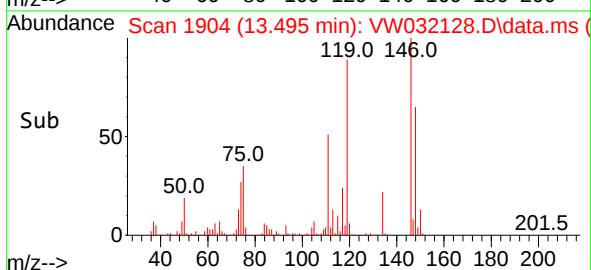
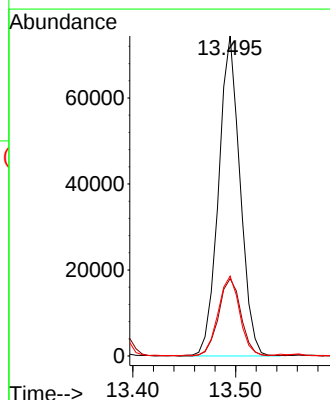
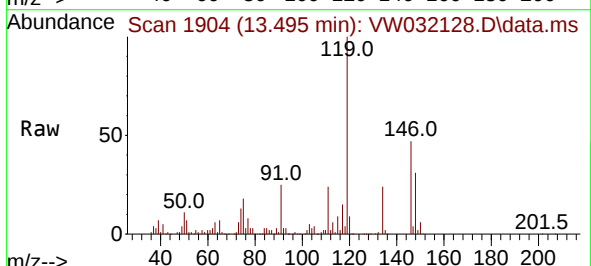
Tgt Ion:119 Resp: 108099

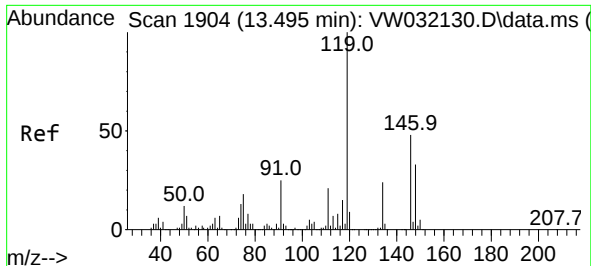
Ion Ratio Lower Upper

119 100

134 25.2 13.6 40.7

91 24.8 12.6 37.8





#87

1,3-Dichlorobenzene

Concen: 10.095 ug/l

RT: 13.501 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VW032128.D

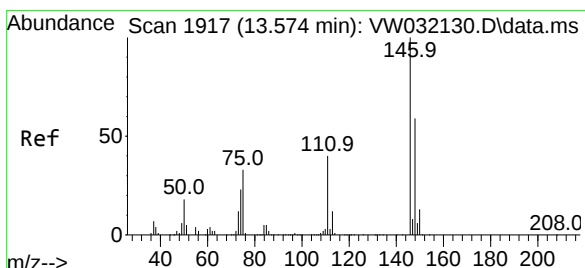
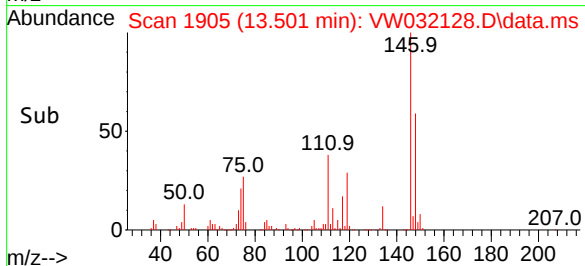
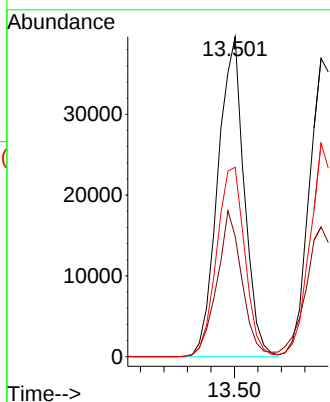
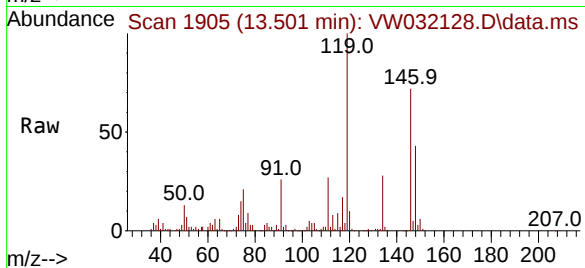
Acq: 25 Aug 2025 12:55

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:146	Resp:	61664
Ion Ratio	Lower	Upper
146	100	
111	43.3	22.2 66.6
148	63.2	33.4 100.2



#88

1,4-Dichlorobenzene

Concen: 9.858 ug/l

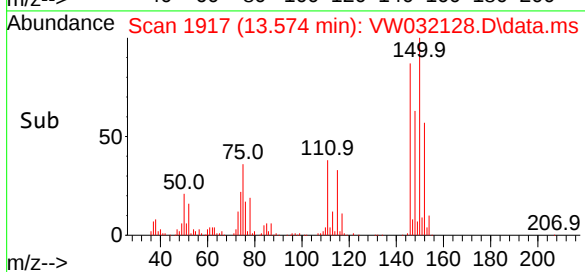
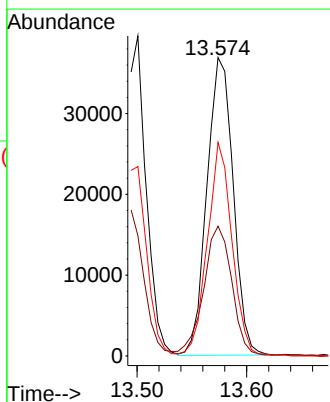
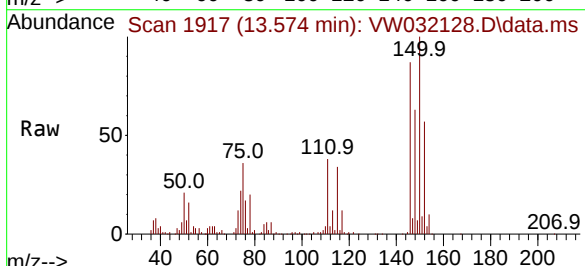
RT: 13.574 min Scan# 1917

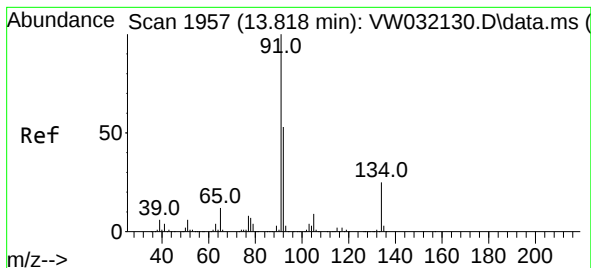
Delta R.T. -0.006 min

Lab File: VW032128.D

Acq: 25 Aug 2025 12:55

Tgt Ion:146	Resp:	61396
Ion Ratio	Lower	Upper
146	100	
111	47.5	19.4 58.4
148	67.4	31.3 93.9





#89

n-Butylbenzene

Concen: 9.760 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VW032128.D

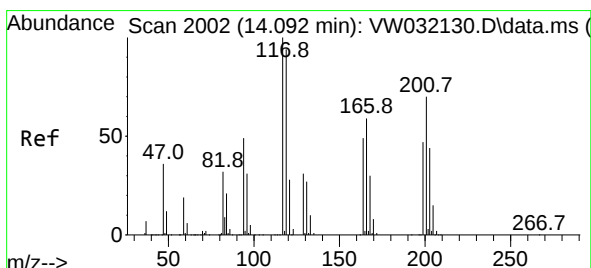
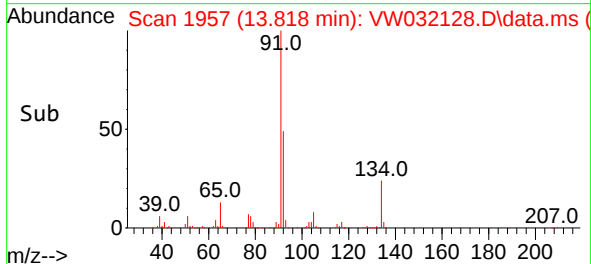
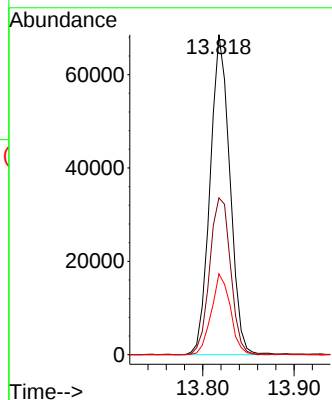
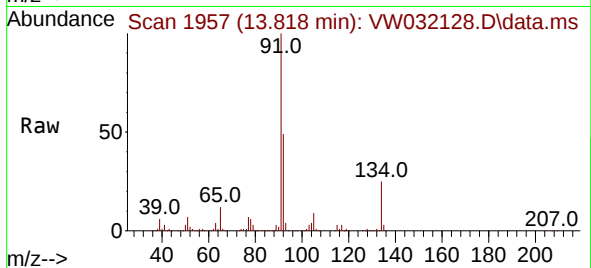
Acq: 25 Aug 2025 12:55

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	91	Resp:	103454
Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.3	78.9
134	24.3	12.2	36.4



#90

Hexachloroethane

Concen: 9.624 ug/l

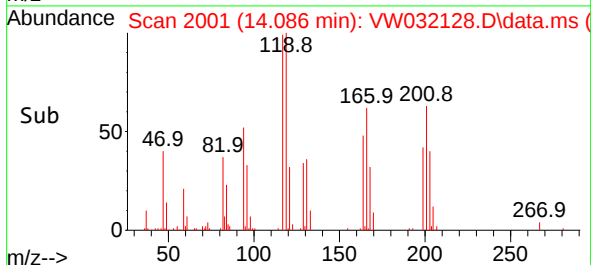
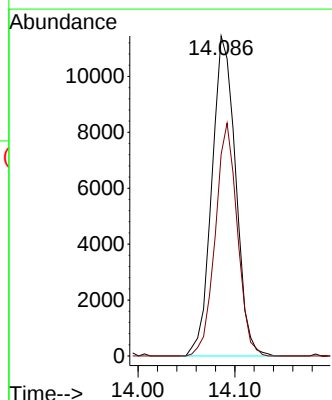
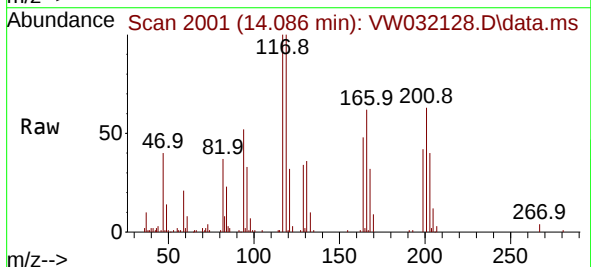
RT: 14.086 min Scan# 2001

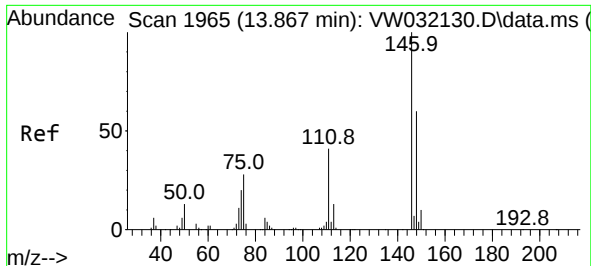
Delta R.T. -0.006 min

Lab File: VW032128.D

Acq: 25 Aug 2025 12:55

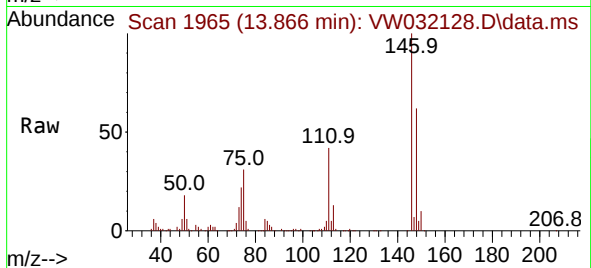
Tgt Ion:	117	Resp:	19525
Ion	Ratio	Lower	Upper
117	100		
201	67.4	33.4	100.1



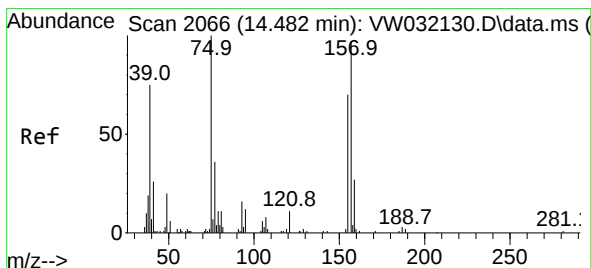
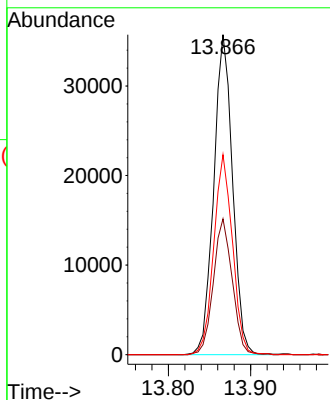
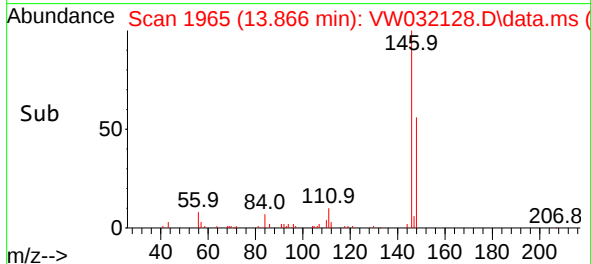


#91
1,2-Dichlorobenzene
Concen: 10.195 ug/l
RT: 13.866 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW032128.D
Acq: 25 Aug 2025 12:55

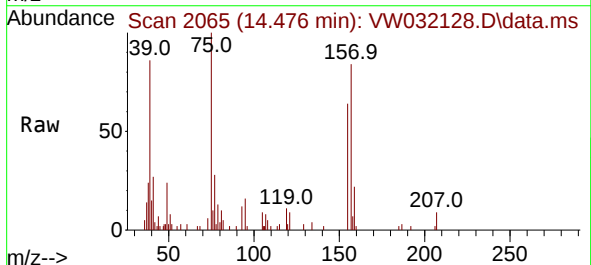
Instrument :
MSVOA_W
ClientSampleId :



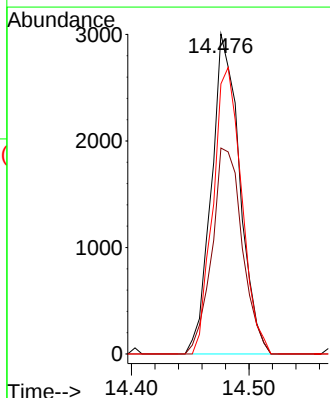
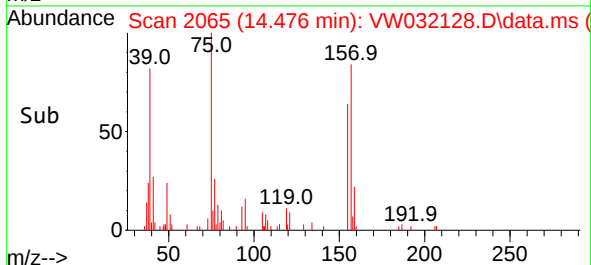
Tgt Ion:146 Resp: 56893
Ion Ratio Lower Upper
146 100
111 42.5 20.9 62.8
148 62.2 31.3 93.8

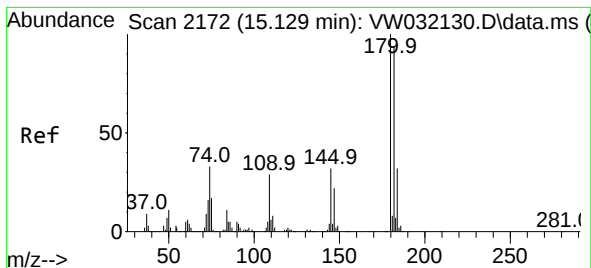


#92
1,2-Dibromo-3-Chloropropane
Concen: 9.742 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW032128.D
Acq: 25 Aug 2025 12:55



Tgt Ion: 75 Resp: 5032
Ion Ratio Lower Upper
75 100
155 68.9 37.5 112.7
157 90.5 50.6 151.8





#93

1,2,4-Trichlorobenzene

Concen: 9.563 ug/l

RT: 15.128 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW032128.D

Acq: 25 Aug 2025 12:55

Instrument :

MSVOA_W

ClientSampleId :

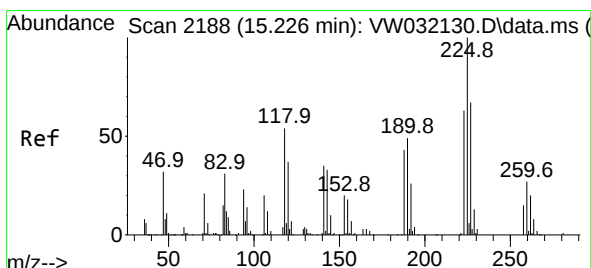
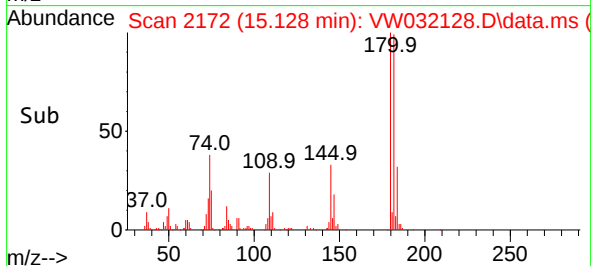
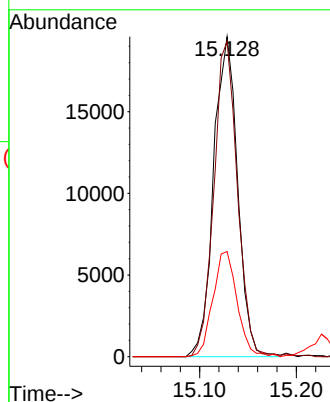
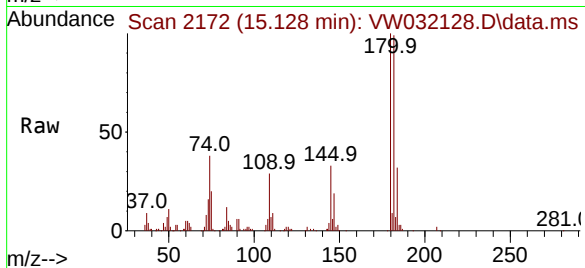
Tgt Ion:180 Resp: 33691

Ion Ratio Lower Upper

180 100

182 96.6 46.1 138.2

145 33.3 15.7 47.1



#94

Hexachlorobutadiene

Concen: 9.939 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. -0.000 min

Lab File: VW032128.D

Acq: 25 Aug 2025 12:55

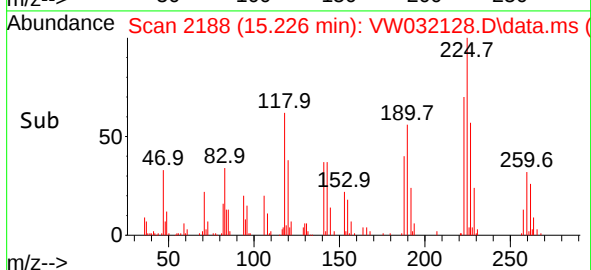
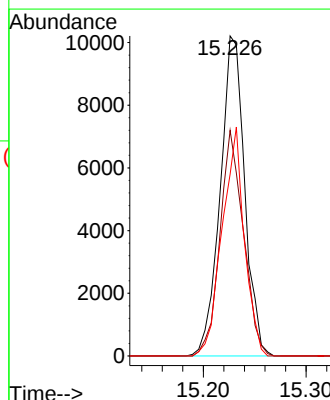
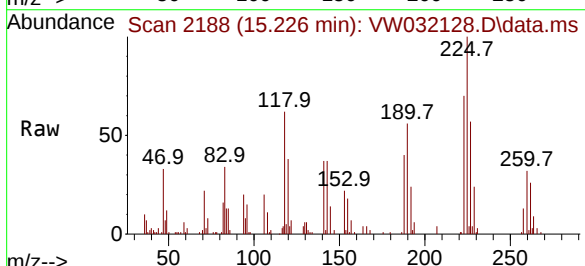
Tgt Ion:225 Resp: 16863

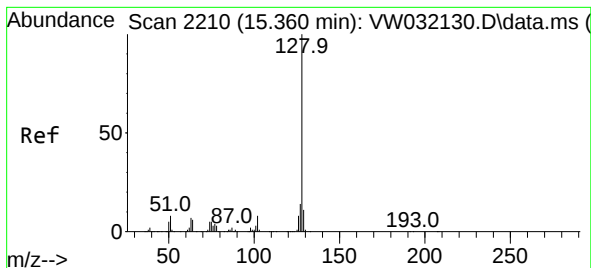
Ion Ratio Lower Upper

225 100

223 67.7 32.3 96.9

227 65.0 32.1 96.5





#95

Naphthalene

Concen: 8.783 ug/l

RT: 15.366 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW032128.D

Acq: 25 Aug 2025 12:55

Instrument :

MSVOA_W

ClientSampleId :

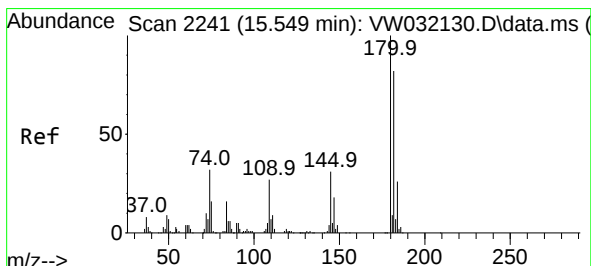
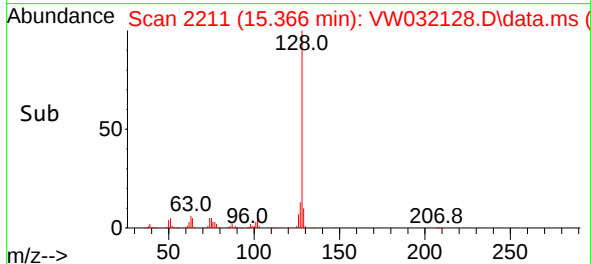
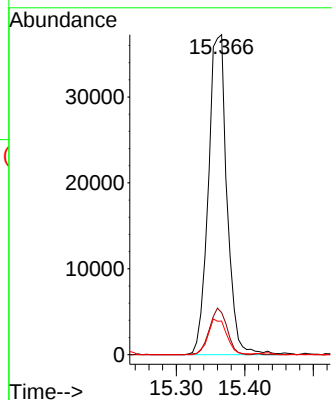
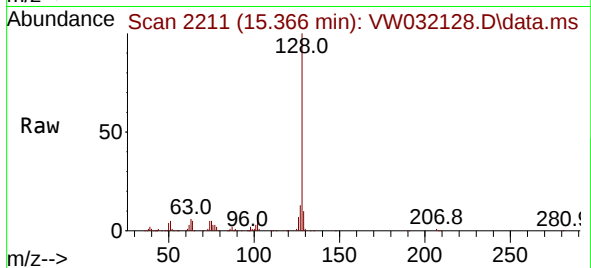
Tgt Ion:128 Resp: 70452

Ion Ratio Lower Upper

128 100

127 13.8 10.6 15.8

129 11.2 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 9.909 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW032128.D

Acq: 25 Aug 2025 12:55

Tgt Ion:180 Resp: 32269

Ion Ratio Lower Upper

180 100

182 100.7 45.3 135.8

145 35.2 17.2 51.5

