

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082525\
 Data File : VW032129.D
 Acq On : 25 Aug 2025 13:17
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 26 04:06:04 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	217269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	362359	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	335232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	177456	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	61143	20.494	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	40.980%#
35) Dibromofluoromethane	7.898	113	50977	20.722	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	41.440%#
50) Toluene-d8	10.325	98	182186	20.757	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	41.520%#
62) 4-Bromofluorobenzene	12.617	95	65340	20.056	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	40.120%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	32509	22.785	ug/l	94
3) Chloromethane	2.253	50	31947	20.652	ug/l	98
4) Vinyl Chloride	2.405	62	40276	21.328	ug/l	97
5) Bromomethane	2.814	94	35933	21.109	ug/l	96
6) Chloroethane	2.972	64	28486	21.258	ug/l	95
7) Trichlorofluoromethane	3.308	101	37568	19.708	ug/l	99
8) Diethyl Ether	3.722	74	29287	21.018	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.106	101	44668	21.249	ug/l	98
10) Methyl Iodide	4.314	142	67764	20.988	ug/l	99
11) Tert butyl alcohol	5.222	59	17673	94.854	ug/l	97
12) 1,1-Dichloroethene	4.076	96	45609	20.311	ug/l #	91
13) Acrolein	3.924	56	15137	131.150	ug/l	100
14) Allyl chloride	4.704	41	65575	20.640	ug/l	98
15) Acrylonitrile	5.405	53	70365	102.383	ug/l	99
16) Acetone	4.161	43	73612	104.876	ug/l	100
17) Carbon Disulfide	4.423	76	115009	20.471	ug/l	96
18) Methyl Acetate	4.710	43	39904	19.968	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	87597	20.900	ug/l	99
20) Methylene Chloride	4.960	84	56344	19.945	ug/l	95
21) trans-1,2-Dichloroethene	5.460	96	52691	21.036	ug/l	96
22) Diisopropyl ether	6.344	45	145621	20.806	ug/l	94
23) Vinyl Acetate	6.289	43	508433	105.908	ug/l	99
24) 1,1-Dichloroethane	6.240	63	93277	20.844	ug/l	99
25) 2-Butanone	7.191	43	100227	103.005	ug/l	98
26) 2,2-Dichloropropane	7.185	77	49577	20.245	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	63278	20.886	ug/l	100
28) Bromochloromethane	7.533	49	42054	20.280	ug/l #	99
29) Tetrahydrofuran	7.551	42	62646	104.437	ug/l	99
30) Chloroform	7.691	83	106913	20.881	ug/l	97
31) Cyclohexane	7.972	56	75389	20.147	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	76869	20.664	ug/l	98
36) 1,1-Dichloropropene	8.100	75	68249	21.056	ug/l	98
37) Ethyl Acetate	7.270	43	43409	21.797	ug/l	98
38) Carbon Tetrachloride	8.087	117	69450	20.212	ug/l	95
39) Methylcyclohexane	9.343	83	80107	20.781	ug/l	98
40) Benzene	8.337	78	212614	21.301	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	22065	20.337	ug/l	93
42) 1,2-Dichloroethane	8.411	62	73480	21.161	ug/l	99
43) Isopropyl Acetate	8.435	43	77353	21.076	ug/l	97
44) Trichloroethene	9.099	130	55465	21.571	ug/l	96
45) 1,2-Dichloropropane	9.380	63	51534	21.444	ug/l	99
46) Dibromomethane	9.471	93	35984	21.470	ug/l	99
47) Bromodichloromethane	9.648	83	81248	21.385	ug/l	99
48) Methyl methacrylate	9.441	41	35188	20.406	ug/l	96
49) 1,4-Dioxane	9.465	88	9348	420.961	ug/l	96
51) 4-Methyl-2-Pentanone	10.215	43	218471	105.641	ug/l	99
52) Toluene	10.392	92	137564	21.205	ug/l	100
53) t-1,3-Dichloropropene	10.611	75	70501	20.653	ug/l	95
54) cis-1,3-Dichloropropene	10.075	75	81604	20.955	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	47166	21.549	ug/l	97
56) Ethyl methacrylate	10.648	69	57949	20.421	ug/l	99
57) 1,3-Dichloropropane	10.934	76	77949	21.337	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.929	63	158939	103.896	ug/l	100
59) 2-Hexanone	10.971	43	156640	106.510	ug/l	100
60) Dibromochloromethane	11.136	129	56138	21.170	ug/l	97
61) 1,2-Dibromoethane	11.239	107	46425	21.368	ug/l	97
64) Tetrachloroethene	10.867	164	45062	20.233	ug/l	96
65) Chlorobenzene	11.660	112	159568	21.059	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.727	131	50568	20.687	ug/l	97
67) Ethyl Benzene	11.727	91	260497	20.785	ug/l	97
68) m/p-Xylenes	11.837	106	204966	42.385	ug/l	98
69) o-Xylene	12.166	106	95298	20.810	ug/l	98
70) Styrene	12.178	104	170706	21.502	ug/l	99
71) Bromoform	12.349	173	28980	19.754	ug/l #	97
73) Isopropylbenzene	12.465	105	236441	20.022	ug/l	99
74) N-amyl acetate	12.270	43	70666	20.578	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.715	83	56827	20.302	ug/l	97
76) 1,2,3-Trichloropropane	12.763	75	71520	32.835	ug/l	43
77) Bromobenzene	12.745	156	62750	20.674	ug/l	93
78) n-propylbenzene	12.800	91	296940	20.408	ug/l	100
79) 2-Chlorotoluene	12.891	91	181010	20.482	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	204034	20.237	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.513	75	15863	19.020	ug/l	95
82) 4-Chlorotoluene	12.989	91	192030	20.562	ug/l	99
83) tert-Butylbenzene	13.202	119	174245	20.215	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	220285	21.014	ug/l	100
85) sec-Butylbenzene	13.379	105	259632	20.261	ug/l	99
86) p-Isopropyltoluene	13.495	119	220280	20.338	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	121940	20.343	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	125997	20.614	ug/l	98
89) n-Butylbenzene	13.818	91	208183	20.012	ug/l	100
90) Hexachloroethane	14.092	117	40149	20.165	ug/l	98
91) 1,2-Dichlorobenzene	13.867	146	108083	19.735	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.476	75	10012	19.752	ug/l	98
93) 1,2,4-Trichlorobenzene	15.129	180	69505	20.102	ug/l	95
94) Hexachlorobutadiene	15.226	225	34325	20.615	ug/l	91
95) Naphthalene	15.360	128	152875	19.421	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	62170	19.453	ug/l	94

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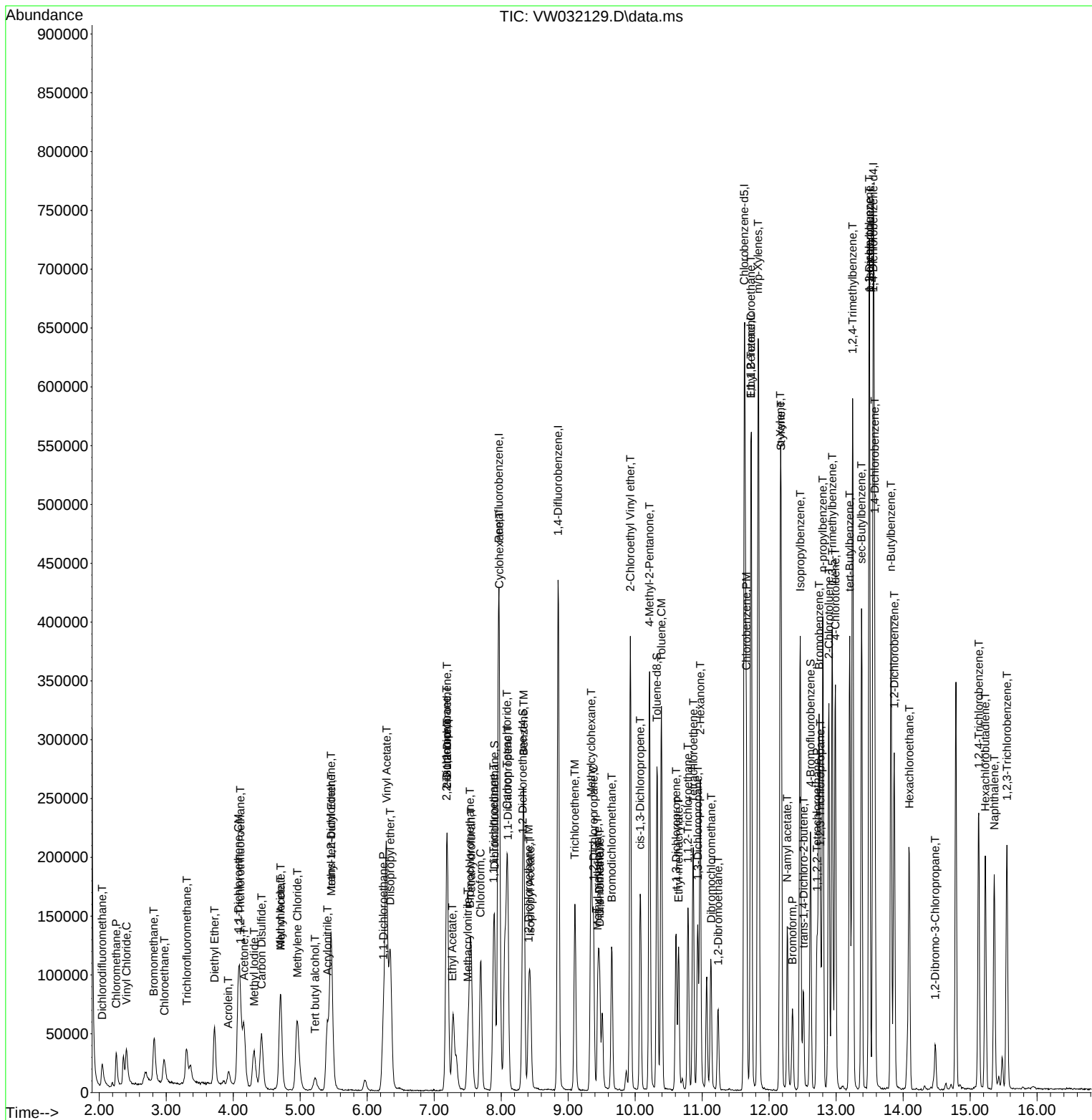
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MSVOA_W
ClientSampleId :

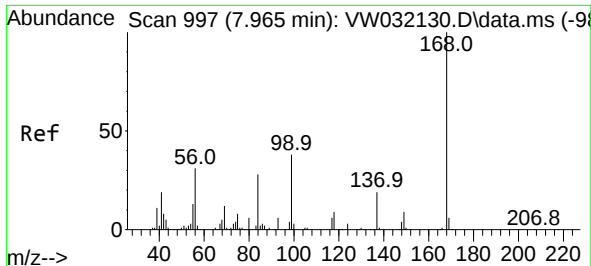
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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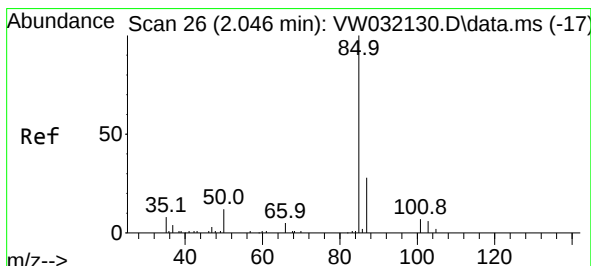
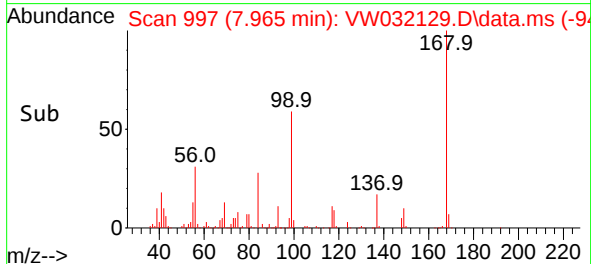
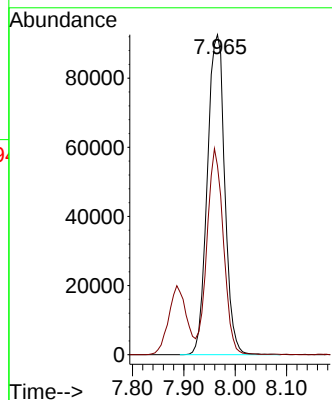
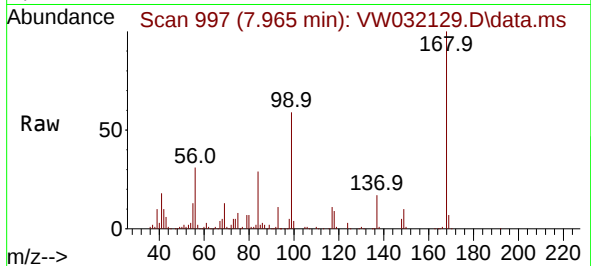




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW032129.D
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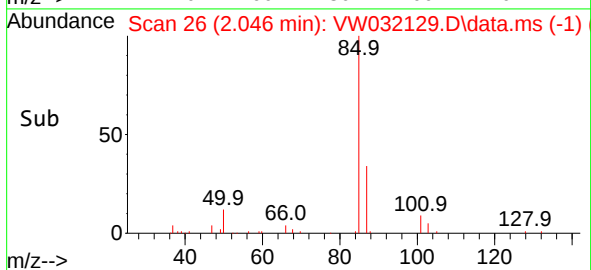
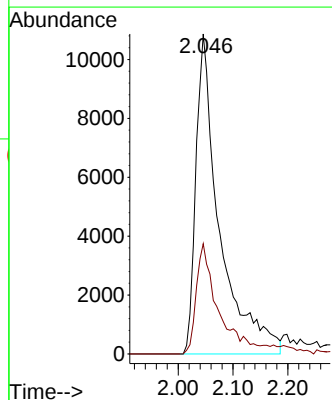
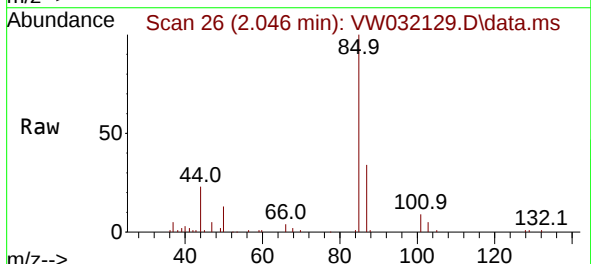
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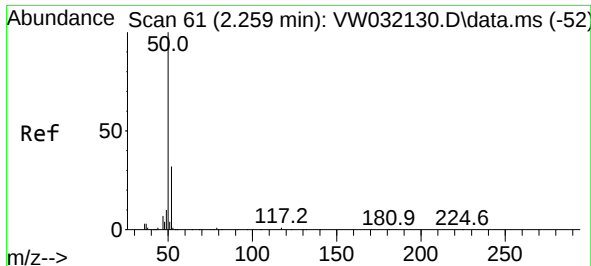
Tgt Ion:168 Resp: 217269
Ion Ratio Lower Upper
168 100
99 58.9 53.4 80.0



#2
Dichlorodifluoromethane
Concen: 22.785 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW032129.D
Acq: 25 Aug 2025 13:17

Tgt Ion: 85 Resp: 32509
Ion Ratio Lower Upper
85 100
87 34.5 15.4 46.4

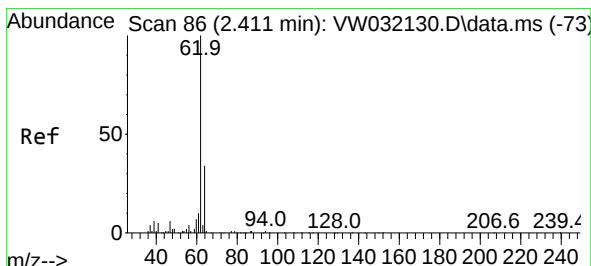
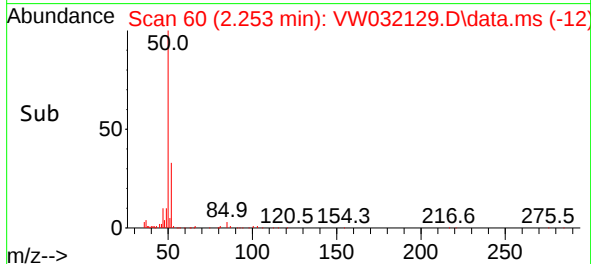
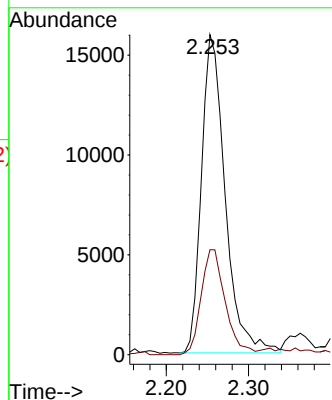
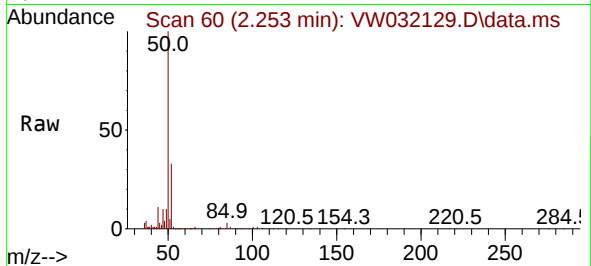




#3
Chloromethane
Concen: 20.652 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.006 min
Lab File: VW032129.D
Acq: 25 Aug 2025 13:17

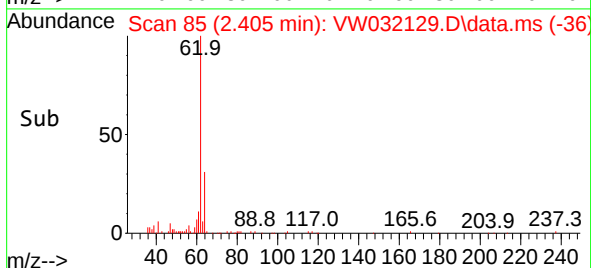
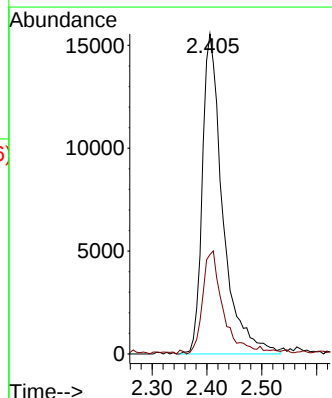
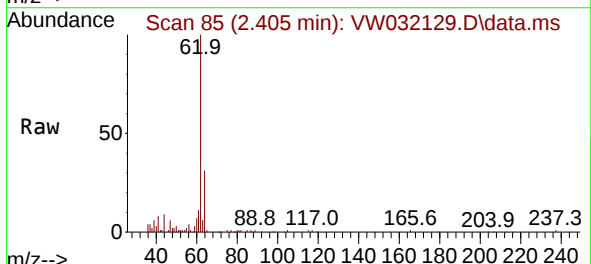
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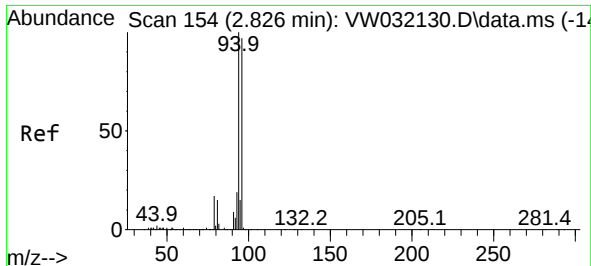
Tgt Ion: 50 Resp: 31947
Ion Ratio Lower Upper
50 100
52 33.0 25.4 38.2



#4
Vinyl Chloride
Concen: 21.328 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032129.D
Acq: 25 Aug 2025 13:17

Tgt Ion: 62 Resp: 40276
Ion Ratio Lower Upper
62 100
64 30.2 25.4 38.0

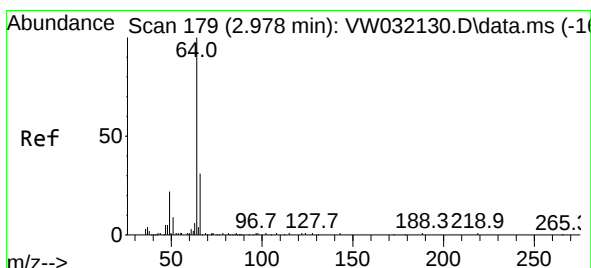
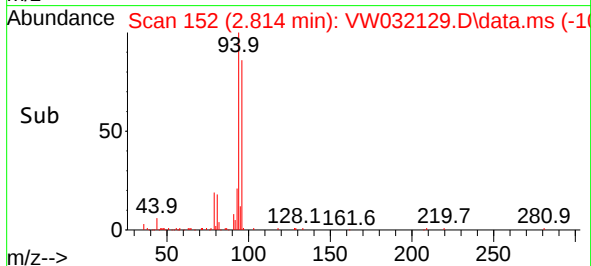
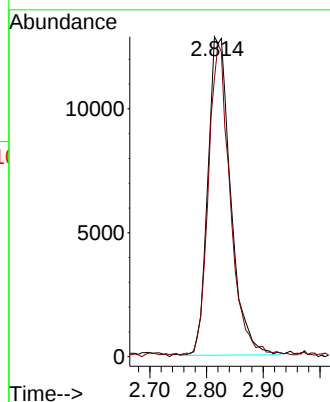
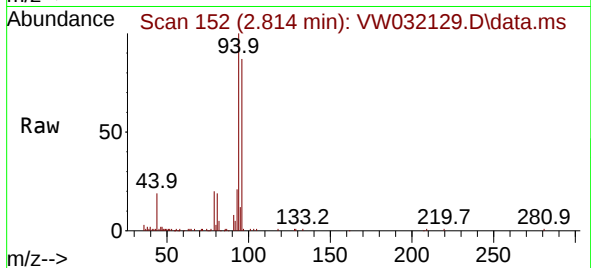




#5
Bromomethane
Concen: 21.109 ug/l
RT: 2.814 min Scan# 11
Delta R.T. -0.012 min
Lab File: VW032129.D
Acq: 25 Aug 2025 13:17

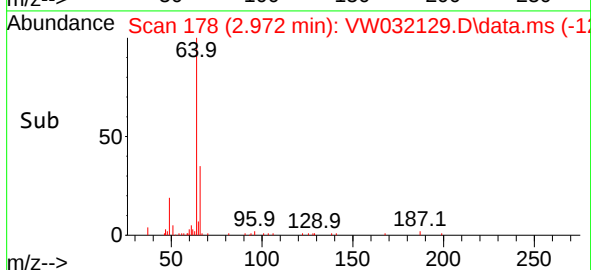
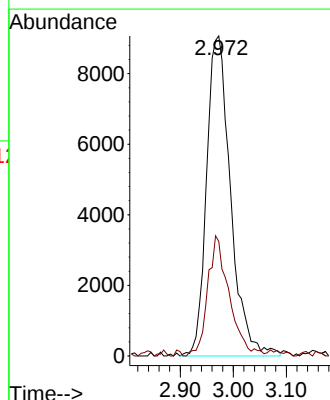
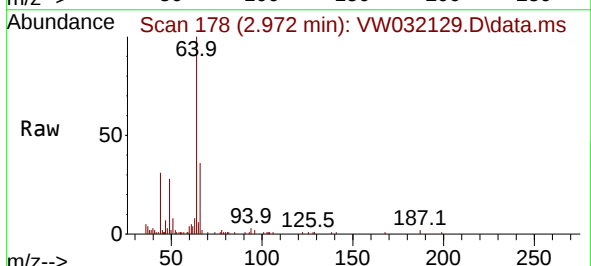
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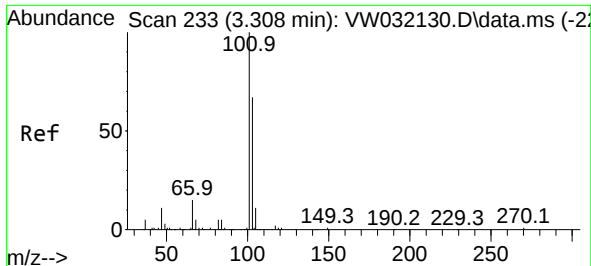
Tgt Ion: 94 Resp: 35933
Ion Ratio Lower Upper
94 100
96 86.9 72.8 109.2



#6
Chloroethane
Concen: 21.258 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.000 min
Lab File: VW032129.D
Acq: 25 Aug 2025 13:17

Tgt Ion: 64 Resp: 28486
Ion Ratio Lower Upper
64 100
66 34.7 25.4 38.0

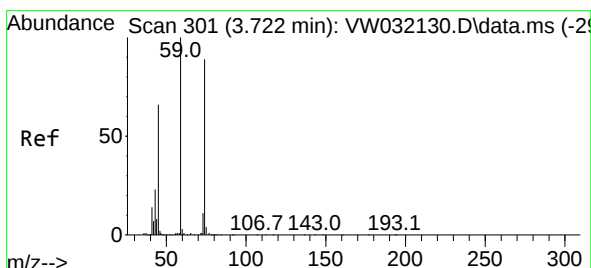
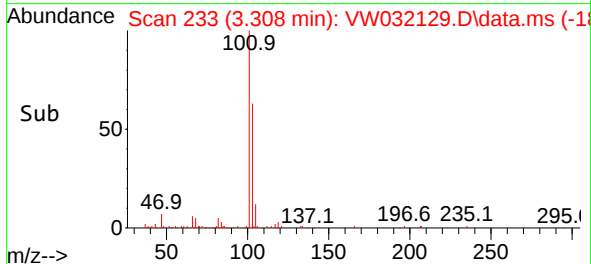
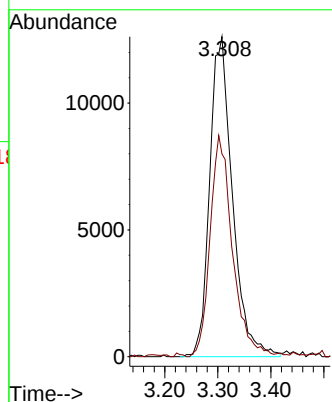
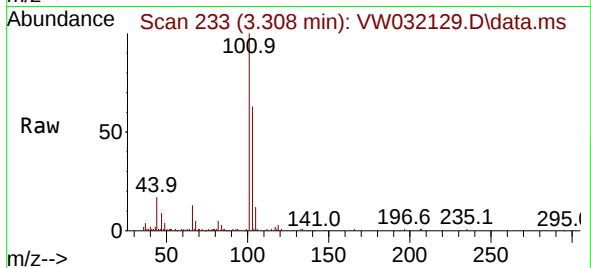




#7
 Trichlorofluoromethane
 Concen: 19.708 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW032129.D
 Acq: 25 Aug 2025 13:17

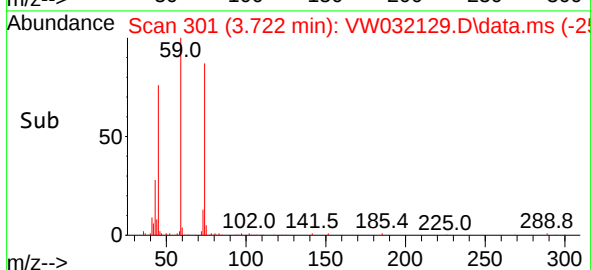
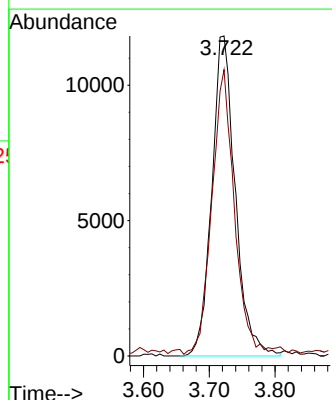
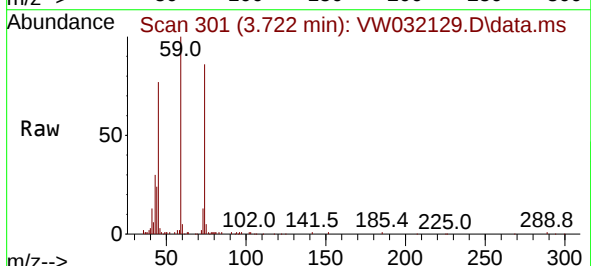
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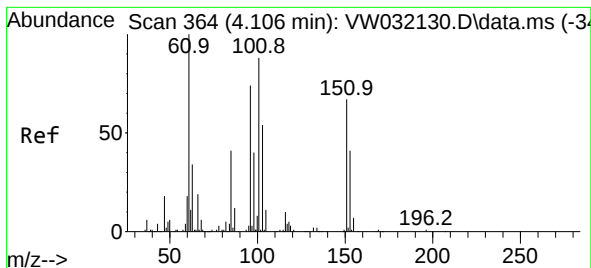
Tgt Ion:101 Resp: 37568
 Ion Ratio Lower Upper
 101 100
 103 62.7 49.8 74.8



#8
 Diethyl Ether
 Concen: 21.018 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 29287
 Ion Ratio Lower Upper
 74 100
 45 85.6 43.0 128.8

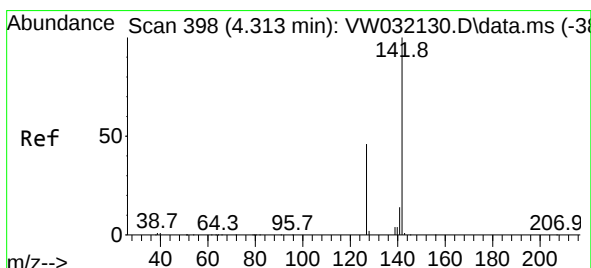
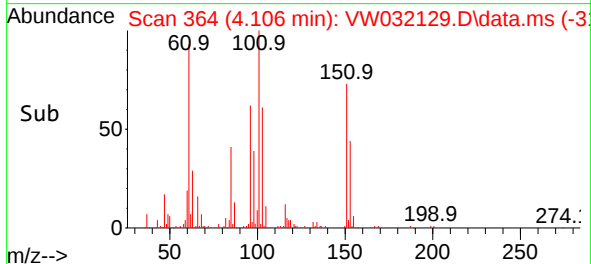
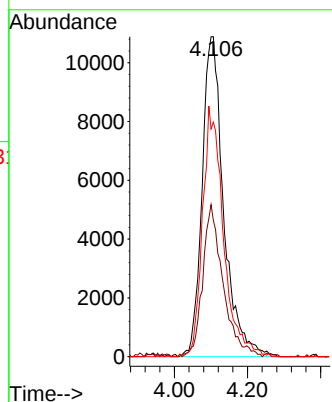
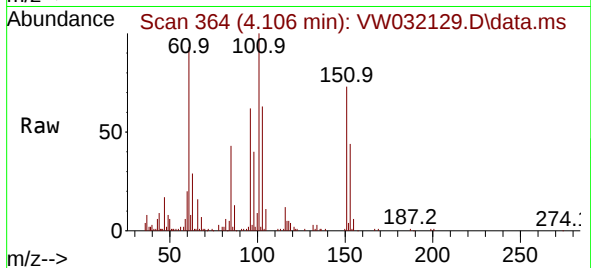




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.249 ug/l
RT: 4.106 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW032129.D
Acq: 25 Aug 2025 13:17

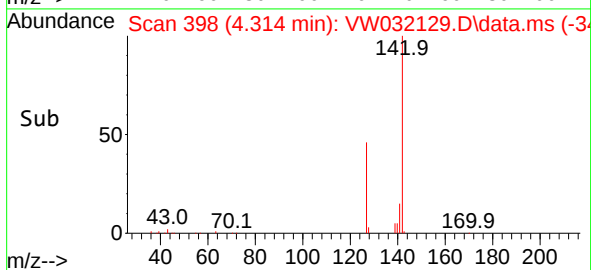
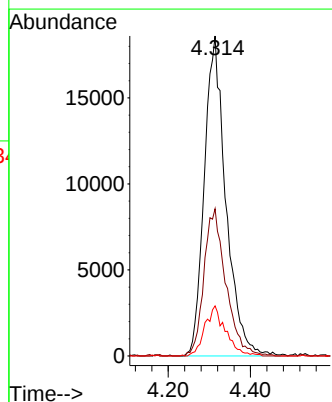
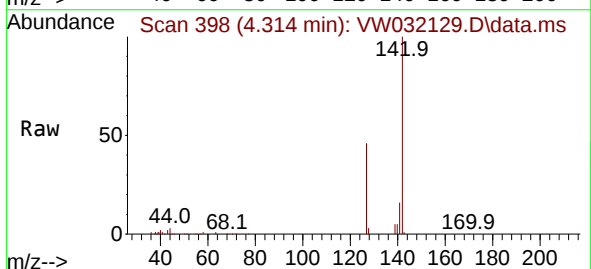
Instrument :
MSVOA_W
ClientSampleId :

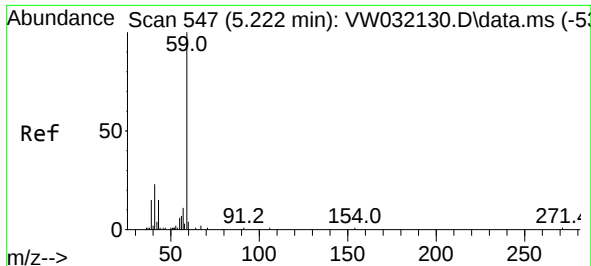
Tgt Ion:101 Resp: 44668
Ion Ratio Lower Upper
101 100
85 44.7 37.0 55.6
151 75.5 61.6 92.4



#10
Methyl Iodide
Concen: 20.988 ug/l
RT: 4.314 min Scan# 398
Delta R.T. 0.000 min
Lab File: VW032129.D
Acq: 25 Aug 2025 13:17

Tgt Ion:142 Resp: 67764
Ion Ratio Lower Upper
142 100
127 46.7 37.8 56.8
141 15.1 12.1 18.1

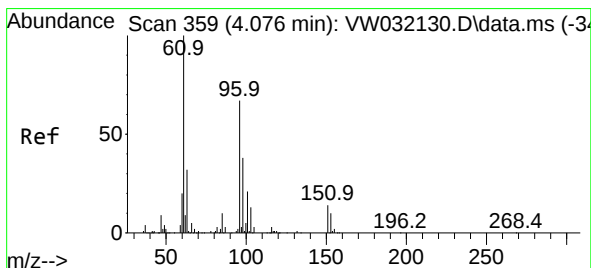
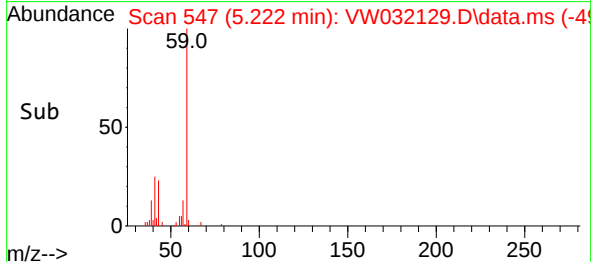
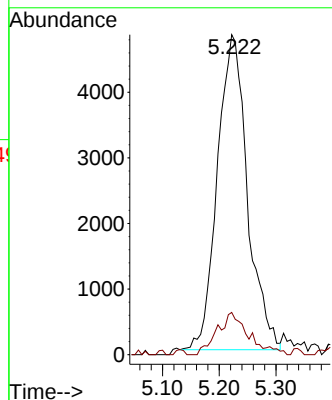
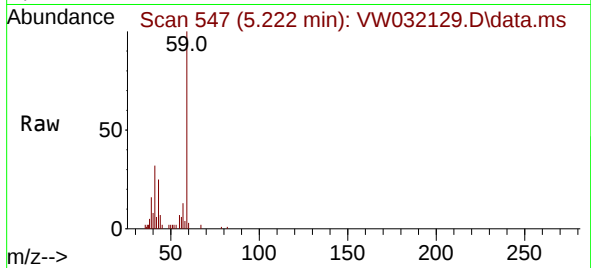




#11
Tert butyl alcohol
Concen: 94.854 ug/l
RT: 5.222 min Scan# 547
Delta R.T. 0.000 min
Lab File: VW032129.D
Acq: 25 Aug 2025 13:17

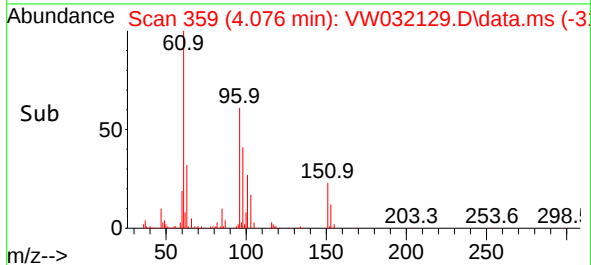
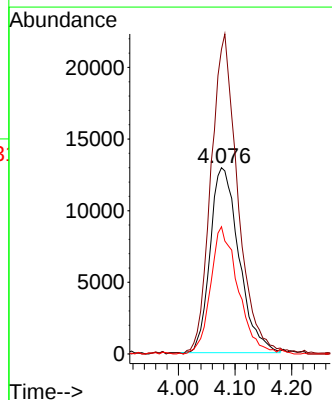
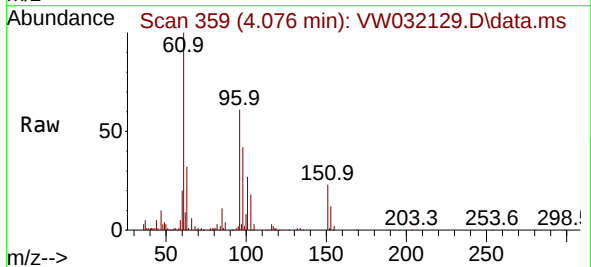
Instrument :
MSVOA_W
ClientSampleId :

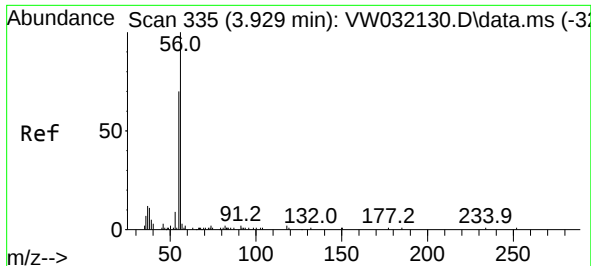
Tgt Ion: 59 Resp: 17673
Ion Ratio Lower Upper
59 100
57 14.0 10.2 15.2



#12
1,1-Dichloroethene
Concen: 20.311 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW032129.D
Acq: 25 Aug 2025 13:17

Tgt Ion: 96 Resp: 45609
Ion Ratio Lower Upper
96 100
61 164.2 124.6 186.8
98 68.3 45.0 67.4#

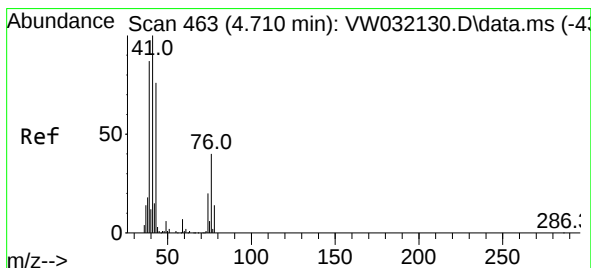
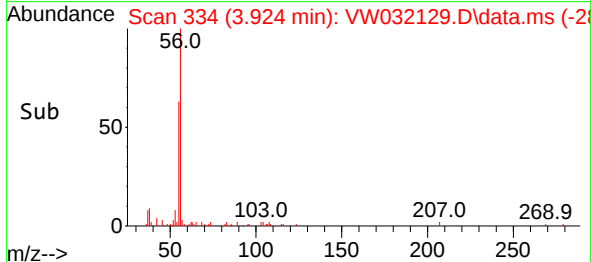
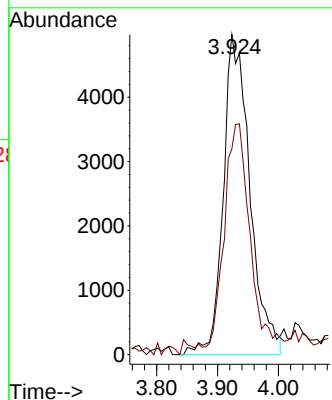
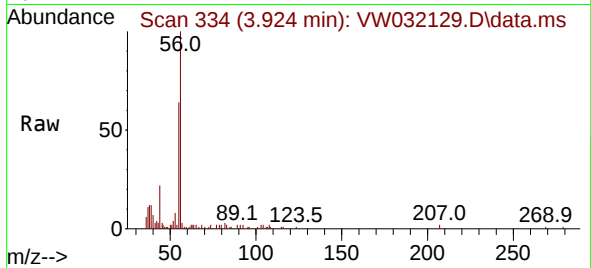




#13
Acrolein
Concen: 131.150 ug/l
RT: 3.924 min Scan# 31
Delta R.T. -0.012 min
Lab File: VW032129.D
Acq: 25 Aug 2025 13:17

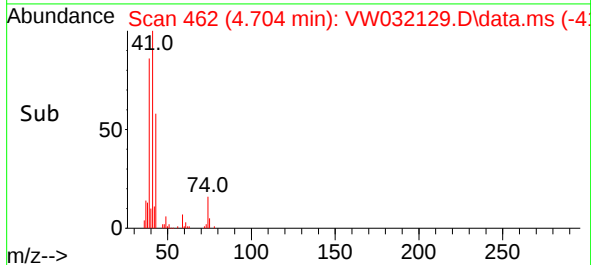
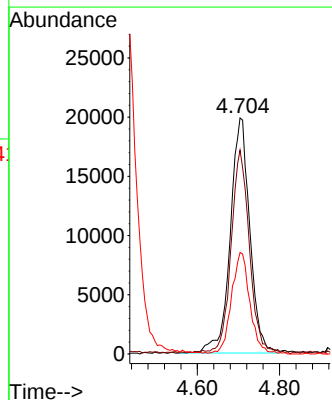
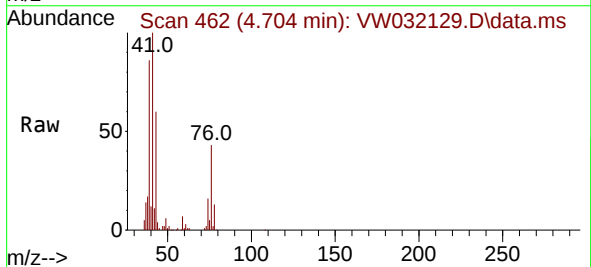
Instrument :
MSVOA_W
ClientSampleId :

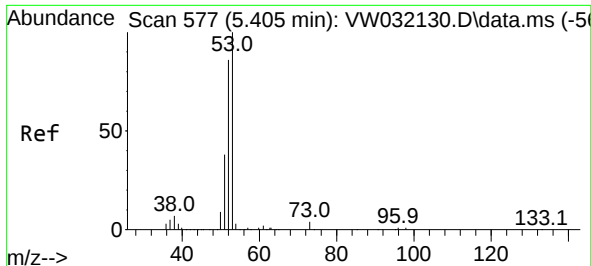
Tgt Ion: 56 Resp: 15137
Ion Ratio Lower Upper
56 100
55 66.6 53.5 80.3



#14
Allyl chloride
Concen: 20.640 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW032129.D
Acq: 25 Aug 2025 13:17

Tgt Ion: 41 Resp: 65575
Ion Ratio Lower Upper
41 100
39 82.8 65.1 97.7
76 40.8 30.7 46.1

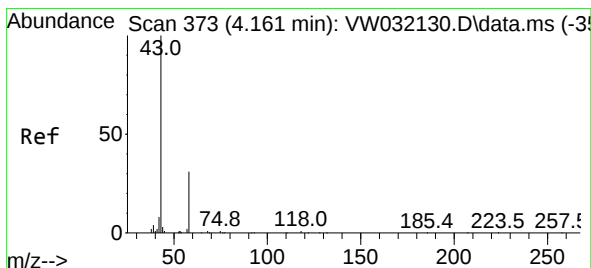
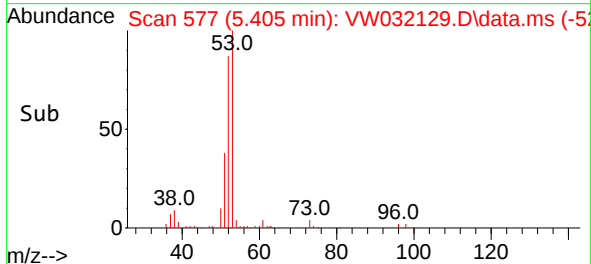
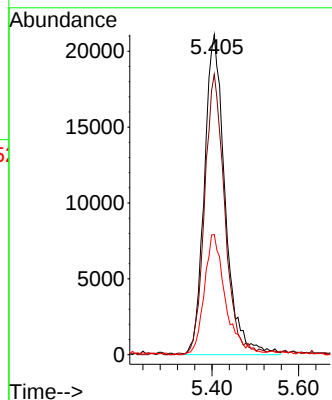
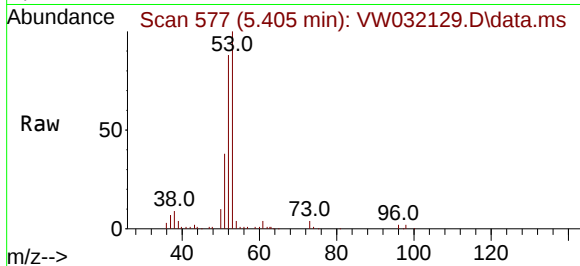




#15
Acrylonitrile
Concen: 102.383 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW032129.D
Acq: 25 Aug 2025 13:17

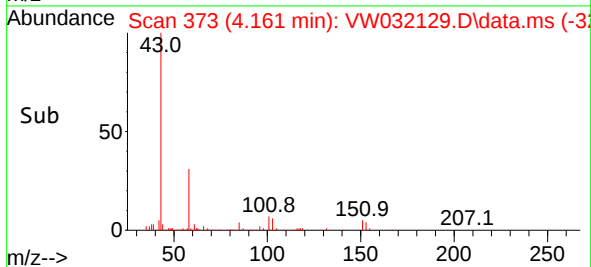
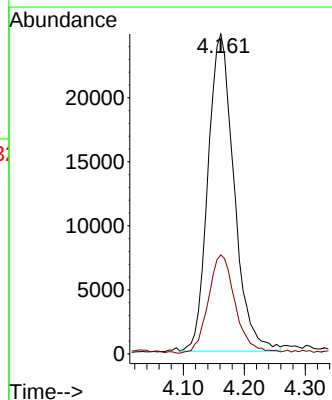
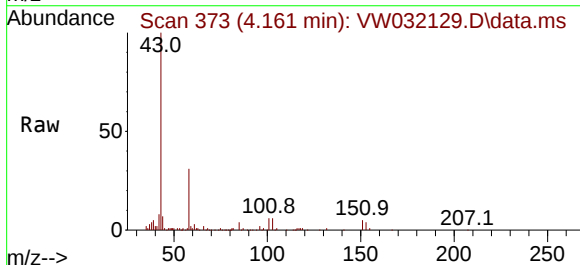
Instrument :
MSVOA_W
ClientSampleId :

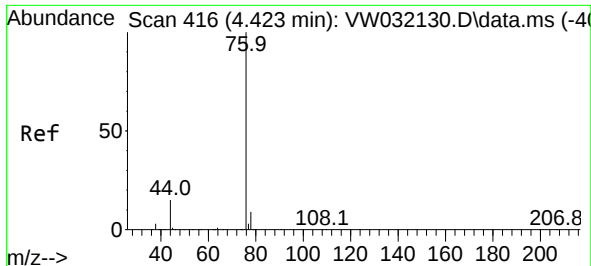
Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.8	66.4	99.6
51	38.3	30.2	45.4



#16
Acetone
Concen: 104.876 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032129.D
Acq: 25 Aug 2025 13:17

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.0	24.6	36.8

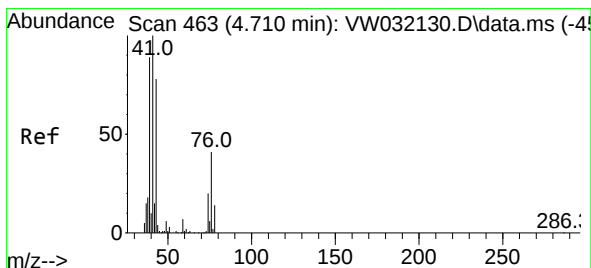
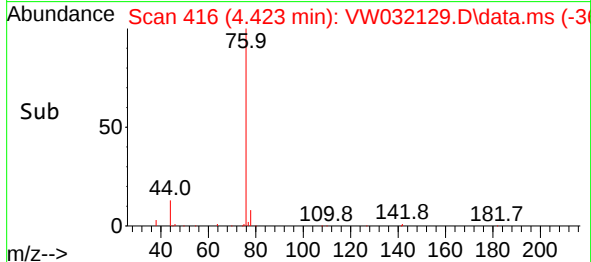
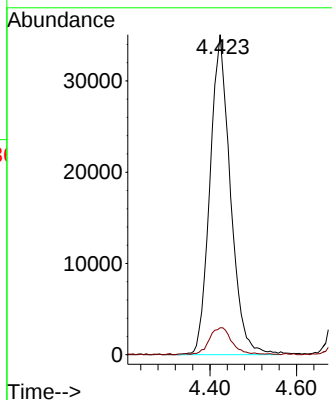
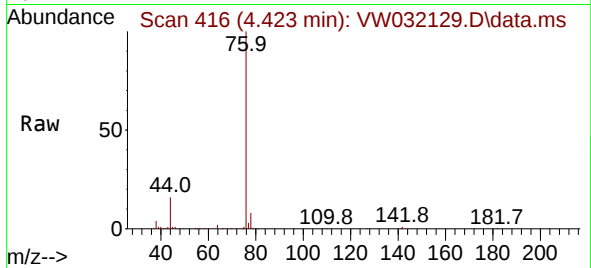




#17
Carbon Disulfide
Concen: 20.471 ug/l
RT: 4.423 min Scan# 416
Delta R.T. 0.000 min
Lab File: VW032129.D
Acq: 25 Aug 2025 13:17

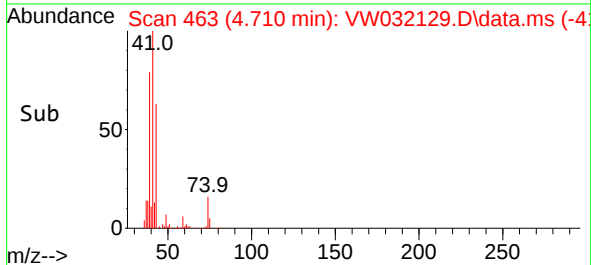
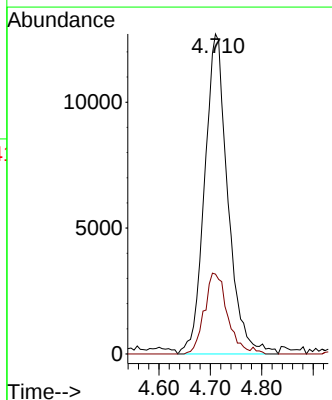
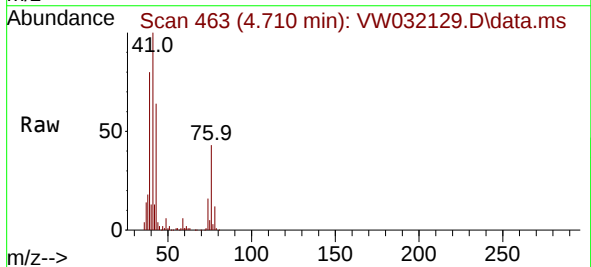
Instrument :
MSVOA_W
ClientSampleId :

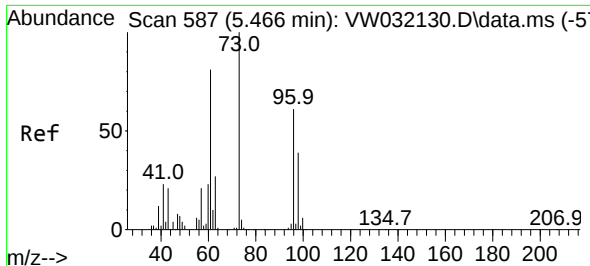
Tgt Ion: 76 Resp: 115009
Ion Ratio Lower Upper
76 100
78 8.2 7.8 11.6



#18
Methyl Acetate
Concen: 19.968 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032129.D
Acq: 25 Aug 2025 13:17

Tgt Ion: 43 Resp: 39904
Ion Ratio Lower Upper
43 100
74 24.7 20.6 30.8





#19

Methyl tert-butyl Ether

Concen: 20.900 ug/l

RT: 5.466 min Scan# 587

Delta R.T. 0.000 min

Lab File: VW032129.D

Acq: 25 Aug 2025 13:17

Instrument :

MSVOA_W

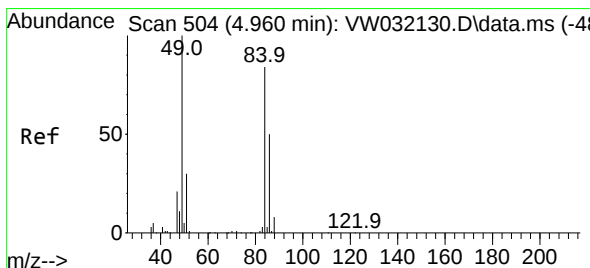
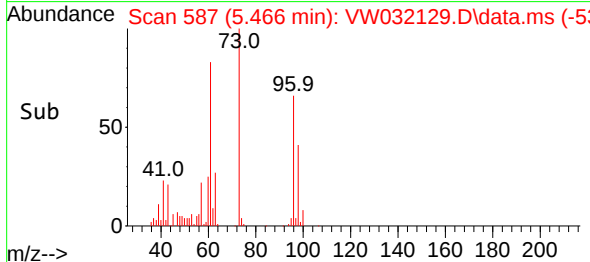
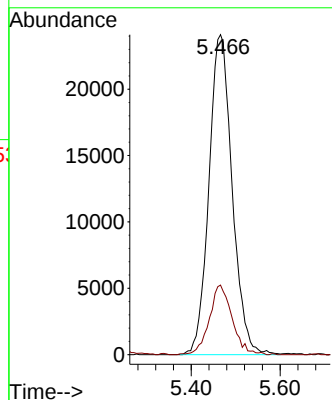
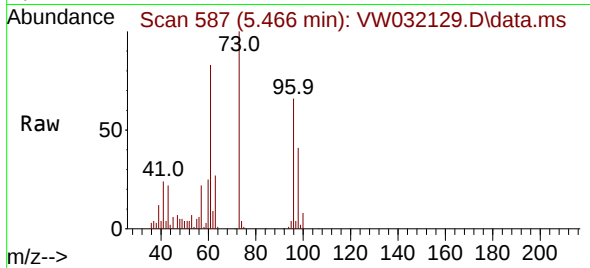
ClientSampleId :

Tgt Ion: 73 Resp: 87597

Ion Ratio Lower Upper

73 100

57 21.7 17.7 26.5



#20

Methylene Chloride

Concen: 19.945 ug/l

RT: 4.960 min Scan# 504

Delta R.T. 0.000 min

Lab File: VW032129.D

Acq: 25 Aug 2025 13:17

Tgt Ion: 84 Resp: 56344

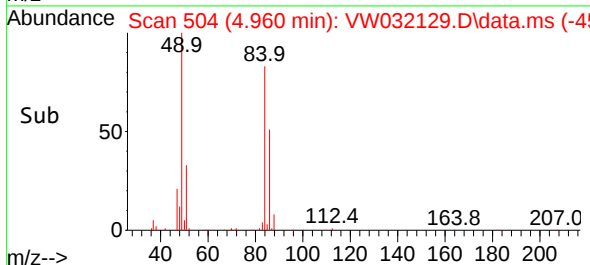
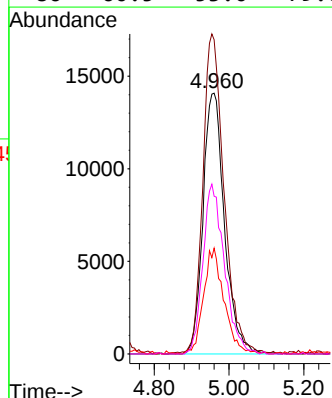
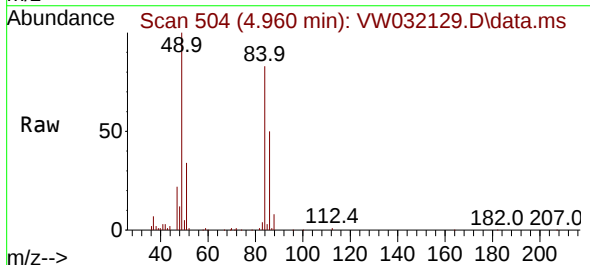
Ion Ratio Lower Upper

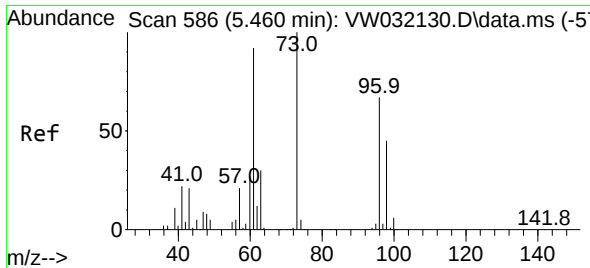
84 100

49 120.0 94.2 141.4

51 40.6 28.1 42.1

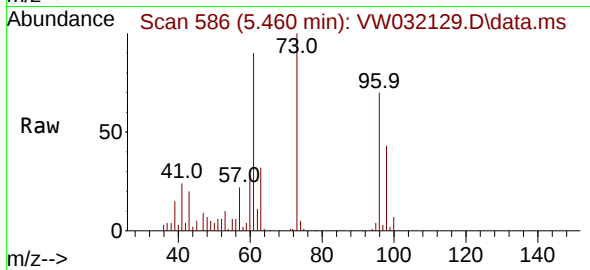
86 60.5 53.0 79.6



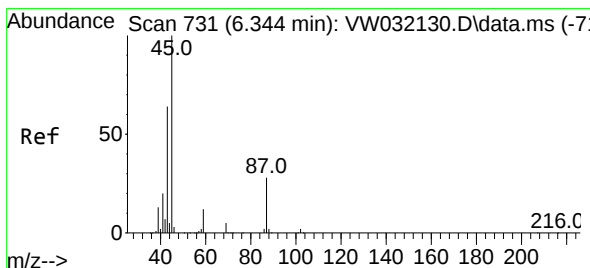
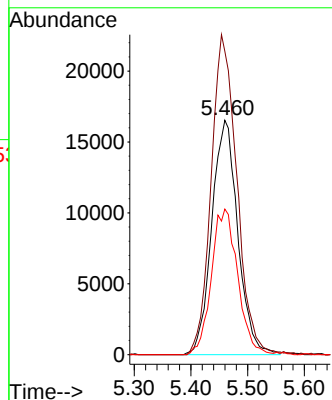
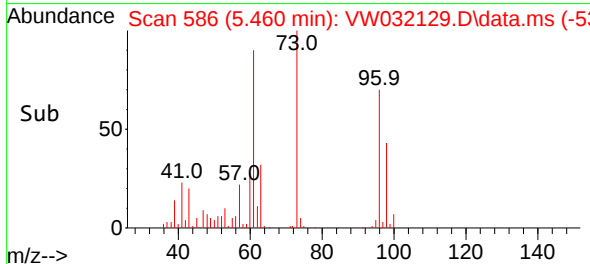


#21
trans-1,2-Dichloroethene
Concen: 21.036 ug/l
RT: 5.460 min Scan# 586
Delta R.T. -0.006 min
Lab File: VW032129.D
Acq: 25 Aug 2025 13:17

Instrument :
MSVOA_W
ClientSampleId :

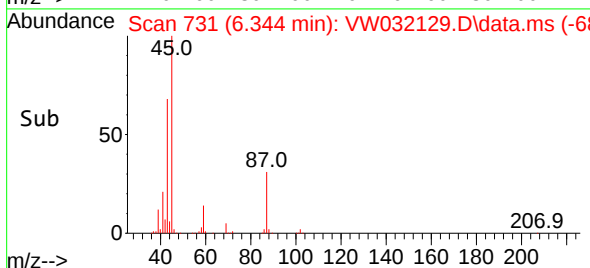
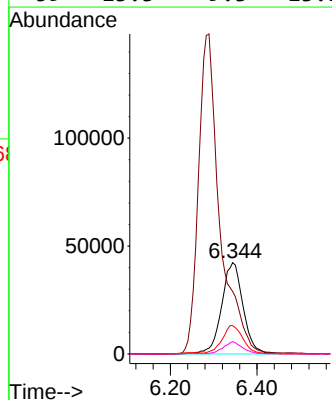
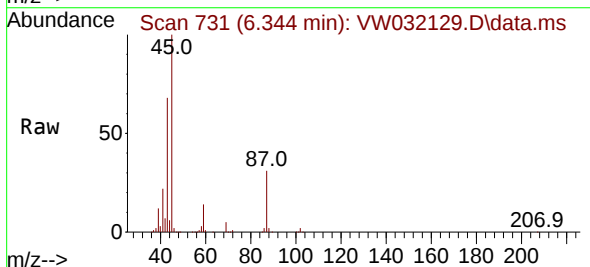


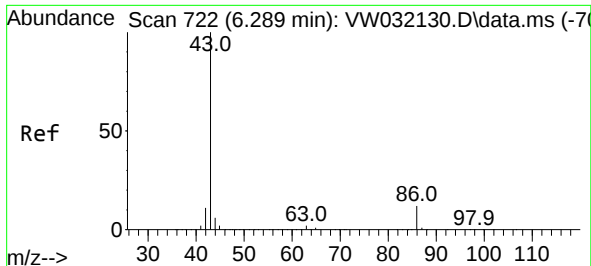
Tgt Ion:	96	Resp:	52691
Ion	Ratio	Lower	Upper
96	100		
61	129.4	103.0	154.4
98	62.1	56.2	84.4



#22
Diisopropyl ether
Concen: 20.806 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.000 min
Lab File: VW032129.D
Acq: 25 Aug 2025 13:17

Tgt Ion:	45	Resp:	145621
Ion	Ratio	Lower	Upper
45	100		
43	67.8	49.4	74.0
87	31.0	24.2	36.2
59	13.3	9.3	13.9

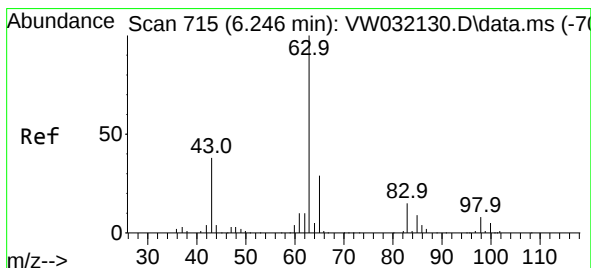
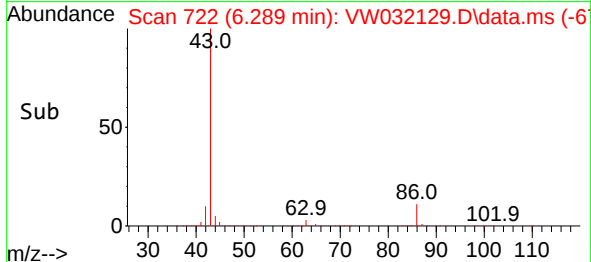
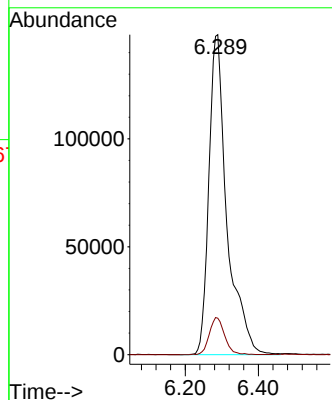
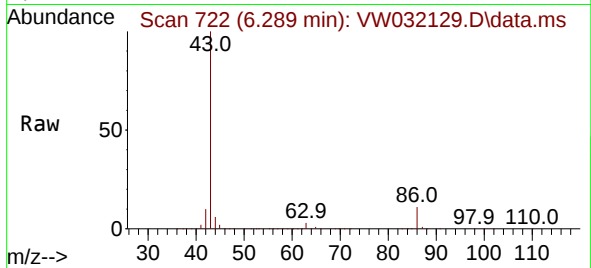




#23
 Vinyl Acetate
 Concen: 105.908 ug/l
 RT: 6.289 min Scan# 714
 Delta R.T. 0.000 min
 Lab File: VW032129.D
 Acq: 25 Aug 2025 13:17

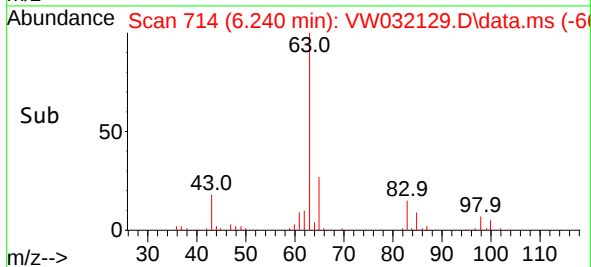
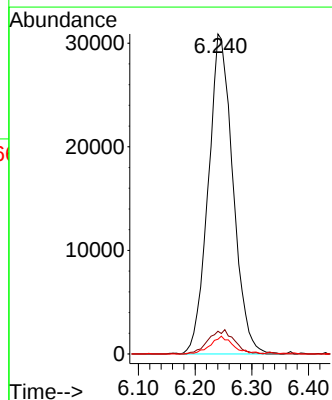
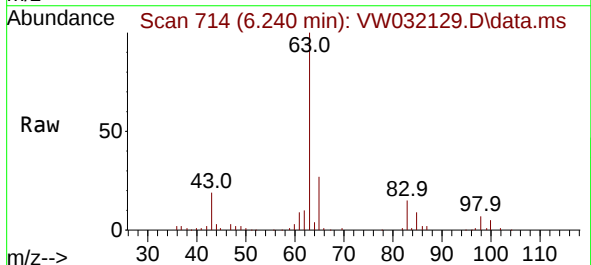
Instrument :
 MSVOA_W
 ClientSampleId :

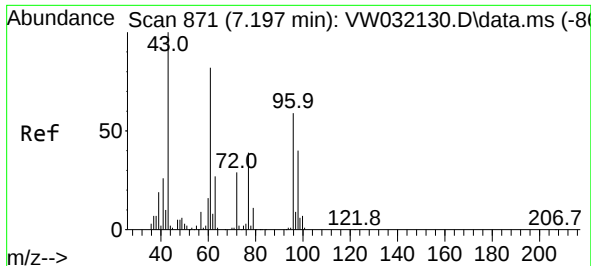
Tgt Ion: 43 Resp: 508433
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 20.844 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. 0.000 min
 Lab File: VW032129.D
 Acq: 25 Aug 2025 13:17

Tgt Ion: 63 Resp: 93277
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.7 11.1
 100 4.6 2.1 6.3





#25

2-Butanone

Concen: 103.005 ug/l

RT: 7.191 min Scan# 81

Delta R.T. -0.006 min

Lab File: VW032129.D

Acq: 25 Aug 2025 13:17

Instrument :

MSVOA_W

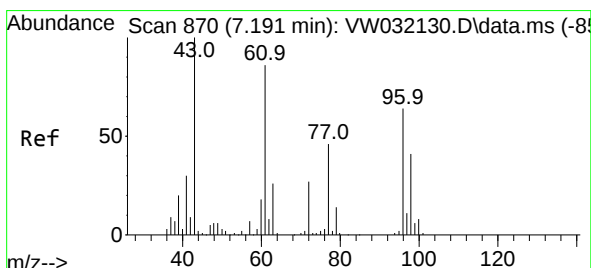
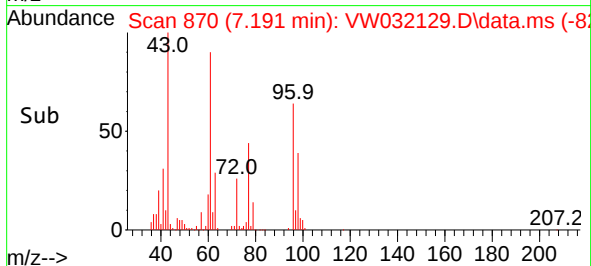
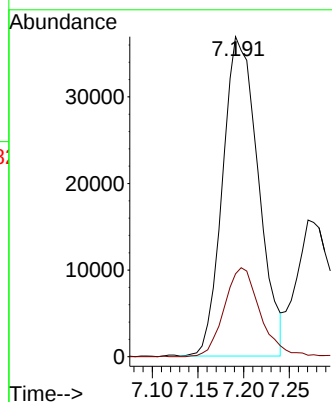
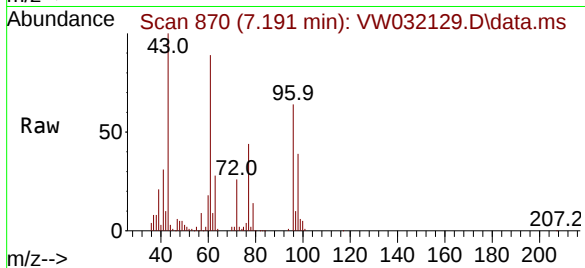
ClientSampleId :

Tgt Ion: 43 Resp: 100227

Ion Ratio Lower Upper

43 100

72 25.9 21.6 32.4



#26

2,2-Dichloropropane

Concen: 20.245 ug/l

RT: 7.185 min Scan# 869

Delta R.T. -0.006 min

Lab File: VW032129.D

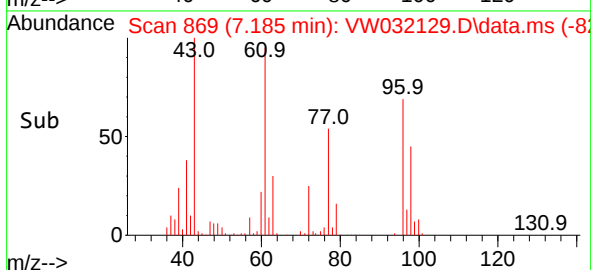
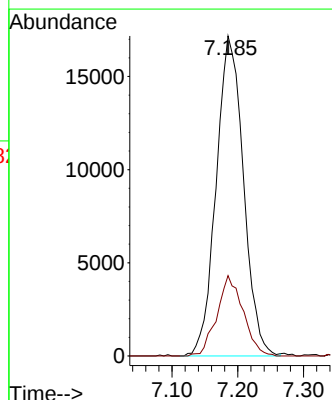
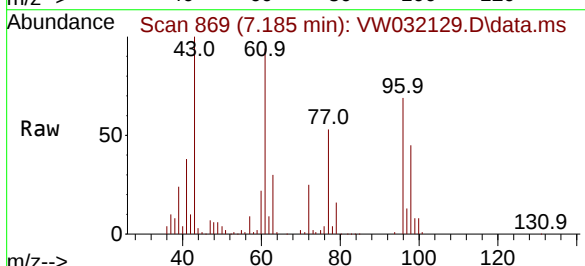
Acq: 25 Aug 2025 13:17

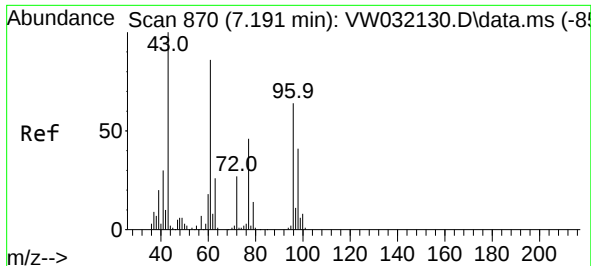
Tgt Ion: 77 Resp: 49577

Ion Ratio Lower Upper

77 100

97 24.1 11.9 35.9

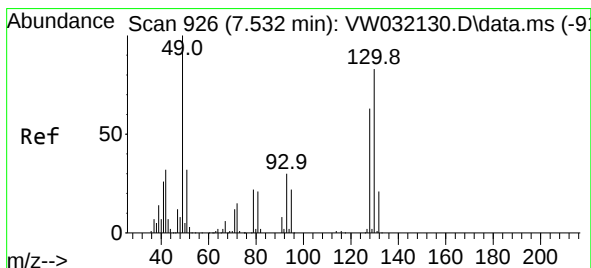
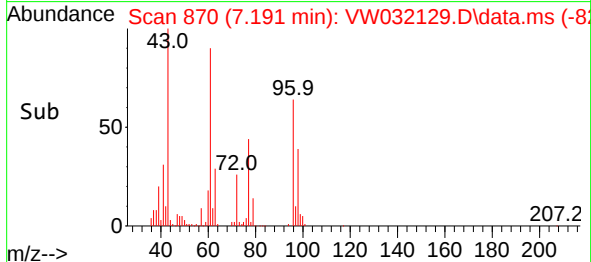
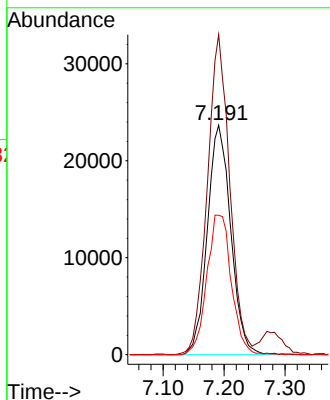
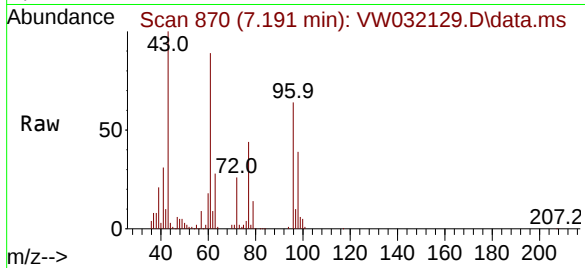




#27
 cis-1,2-Dichloroethene
 Concen: 20.886 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. 0.000 min
 Lab File: VW032129.D
 Acq: 25 Aug 2025 13:17

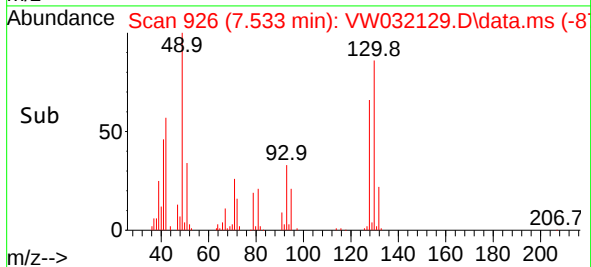
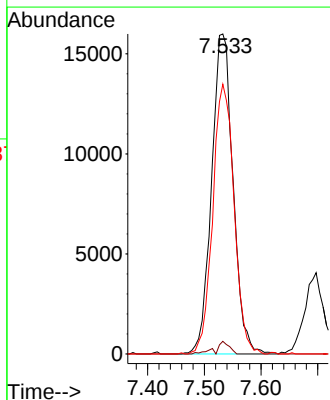
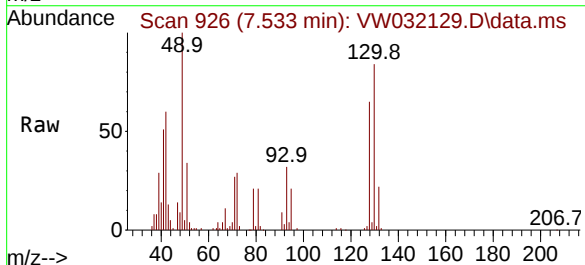
Instrument :
 MSVOA_W
 ClientSampleId :

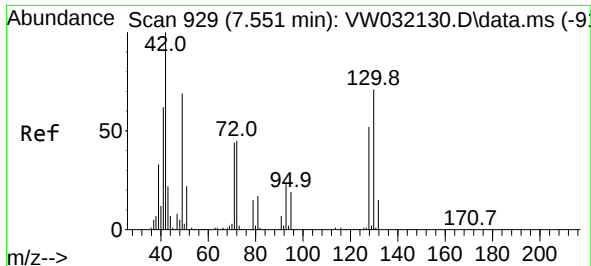
Tgt Ion: 96 Resp: 63278
 Ion Ratio Lower Upper
 96 100
 61 133.2 0.0 266.2
 98 63.7 0.0 125.4



#28
 Bromochloromethane
 Concen: 20.280 ug/l
 RT: 7.533 min Scan# 926
 Delta R.T. 0.000 min
 Lab File: VW032129.D
 Acq: 25 Aug 2025 13:17

Tgt Ion: 49 Resp: 42054
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 1.4#
 130 83.5 67.8 101.8





#29

Tetrahydrofuran

Concen: 104.437 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW032129.D

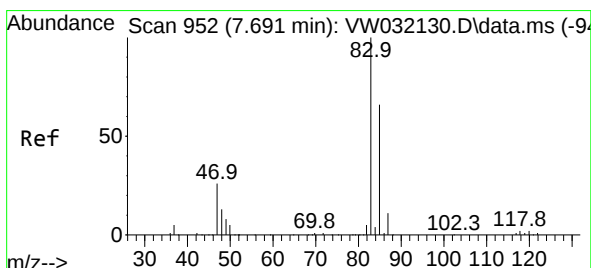
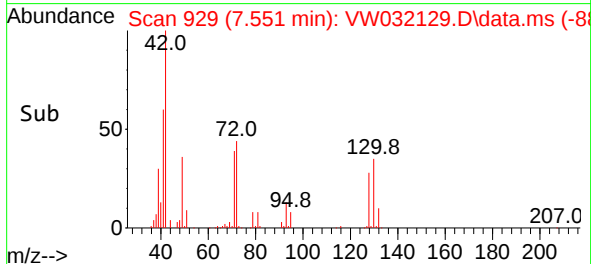
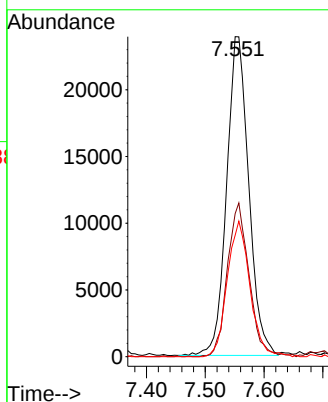
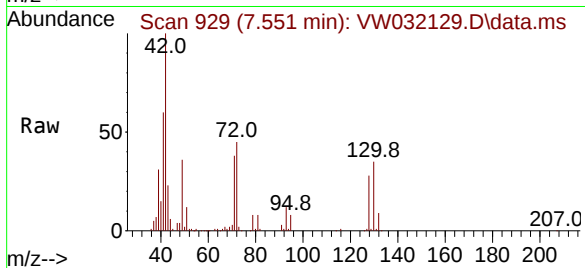
Acq: 25 Aug 2025 13:17

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	42	Resp:	62646
Ion	Ratio	Lower	Upper
42	100		
72	47.2	38.2	57.2
71	43.5	35.8	53.8



#30

Chloroform

Concen: 20.881 ug/l

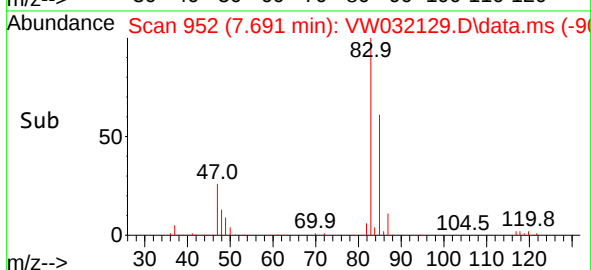
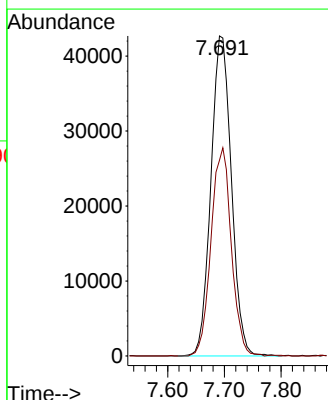
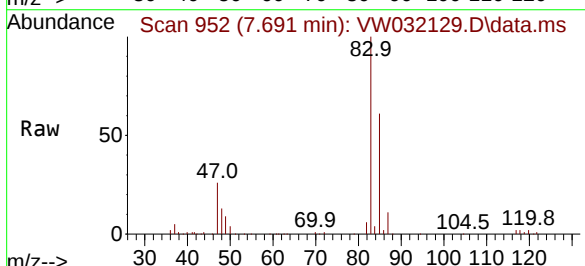
RT: 7.691 min Scan# 952

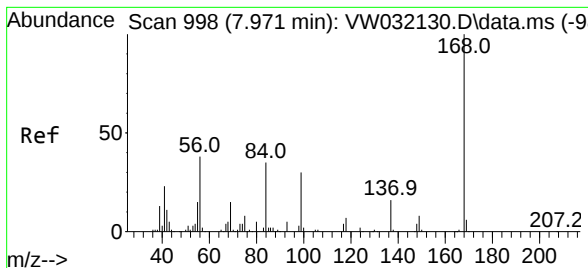
Delta R.T. 0.000 min

Lab File: VW032129.D

Acq: 25 Aug 2025 13:17

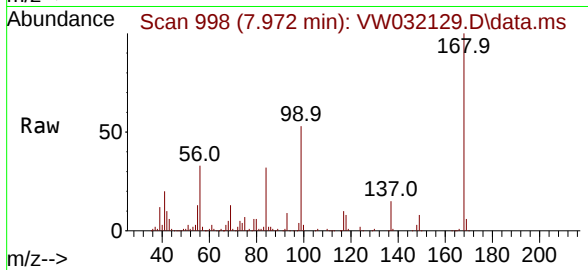
Tgt Ion:	83	Resp:	106913
Ion	Ratio	Lower	Upper
83	100		
85	61.2	51.0	76.4



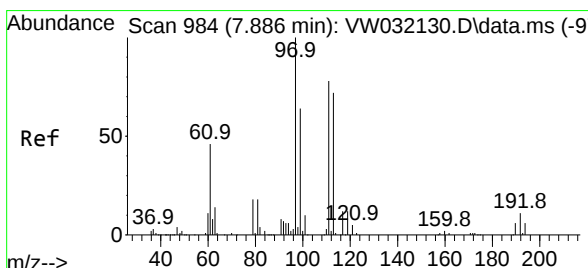
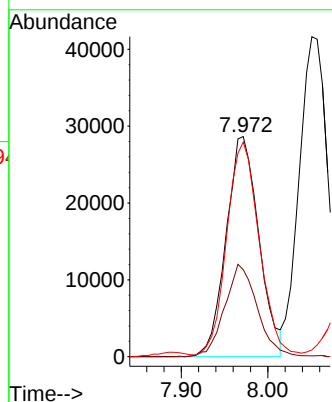
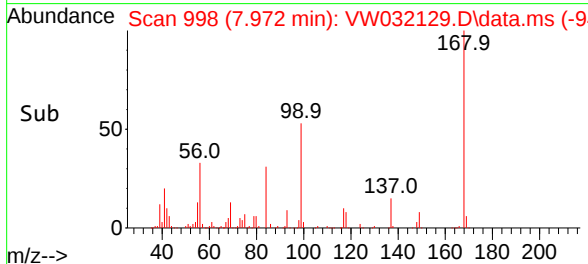


#31
Cyclohexane
Concen: 20.147 ug/l
RT: 7.972 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032129.D
Acq: 25 Aug 2025 13:17

Instrument :
MSVOA_W
ClientSampleId :

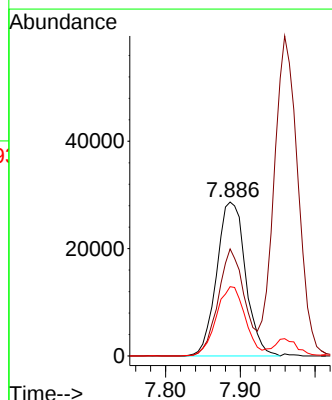
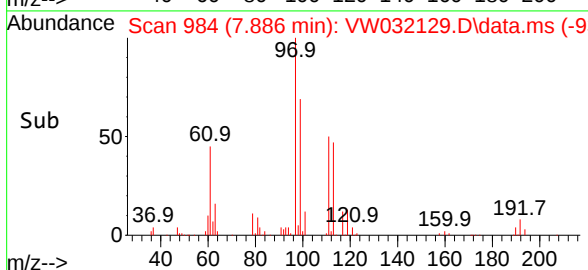
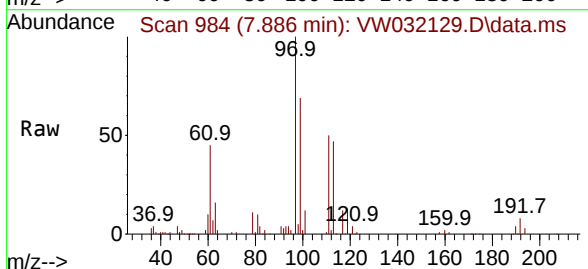


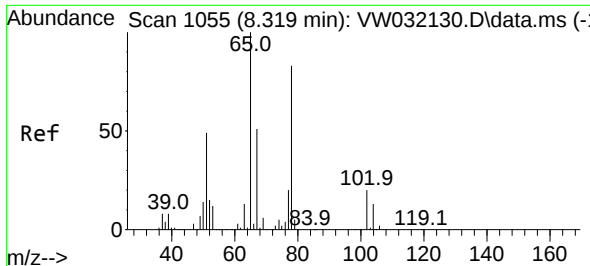
Tgt Ion: 56 Resp: 75389
Ion Ratio Lower Upper
56 100
69 38.9 29.0 43.6
84 95.7 73.7 110.5



#32
1,1,1-Trichloroethane
Concen: 20.664 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW032129.D
Acq: 25 Aug 2025 13:17

Tgt Ion: 97 Resp: 76869
Ion Ratio Lower Upper
97 100
99 63.9 52.5 78.7
61 45.0 35.8 53.6

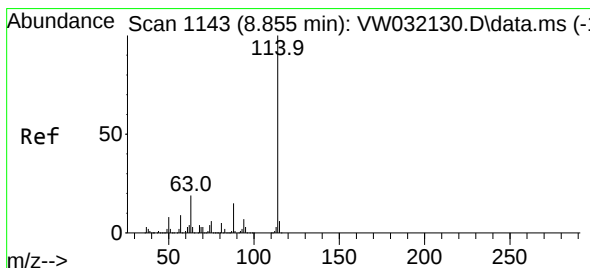
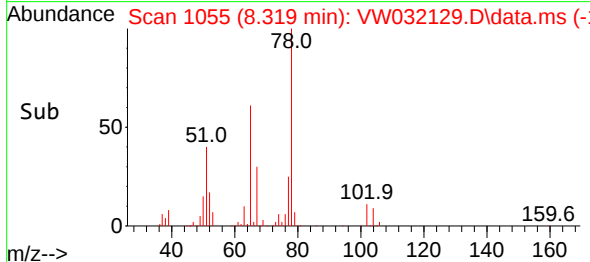
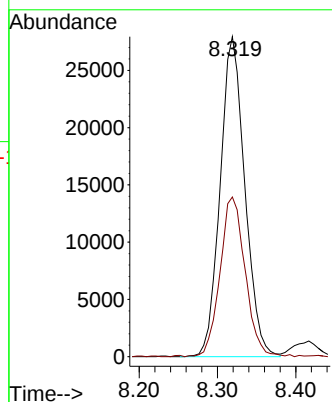
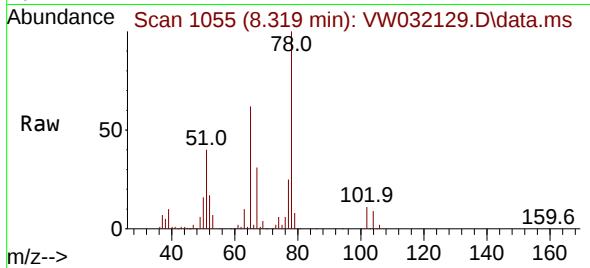




#33
 1,2-Dichloroethane-d4
 Concen: 20.494 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032129.D
 Acq: 25 Aug 2025 13:17

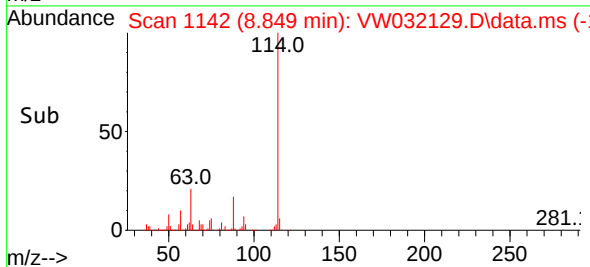
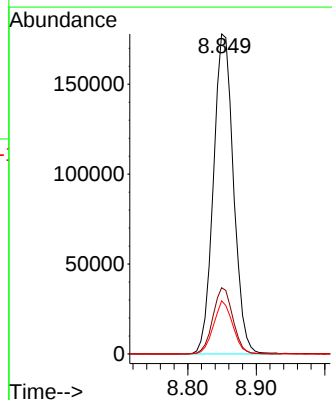
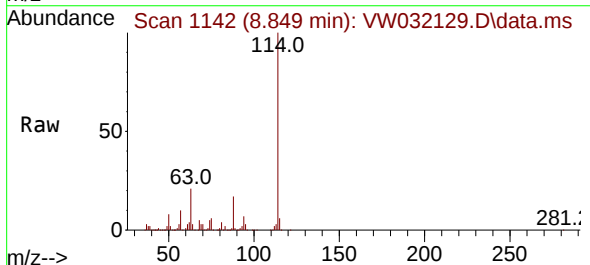
Instrument :
 MSVOA_W
 ClientSampleId :

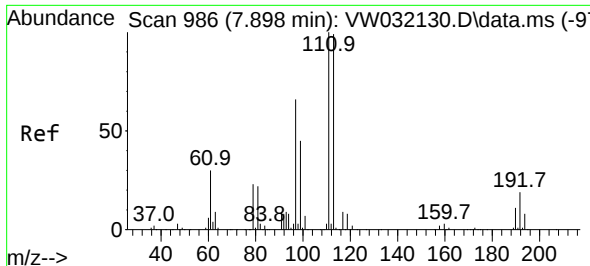
Tgt Ion: 65 Resp: 61143
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW032129.D
 Acq: 25 Aug 2025 13:17

Tgt Ion: 114 Resp: 362359
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 38.4
 88 16.6 0.0 30.2

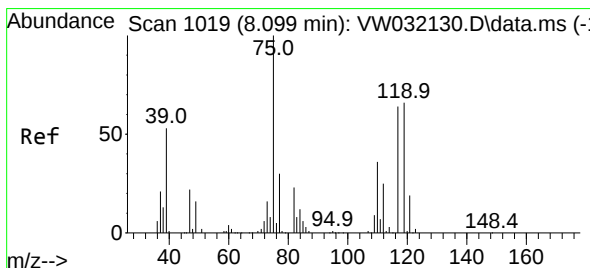
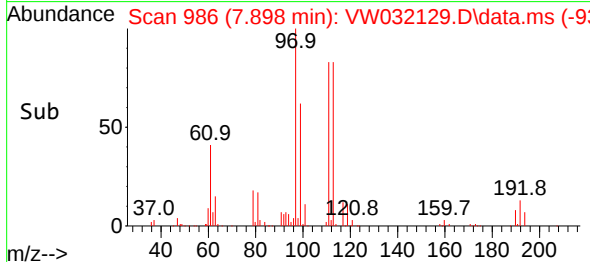
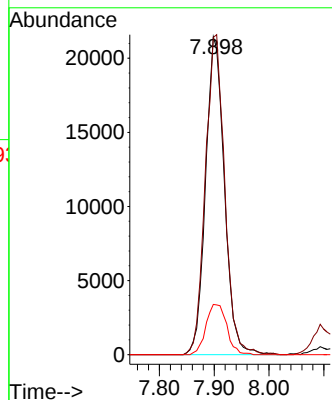
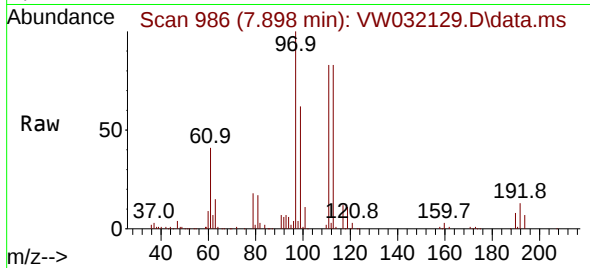




#35
 Dibromofluoromethane
 Concen: 20.722 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW032129.D
 Acq: 25 Aug 2025 13:17

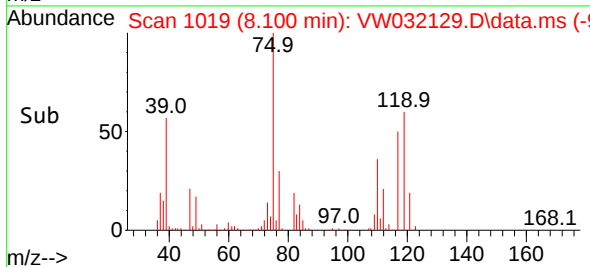
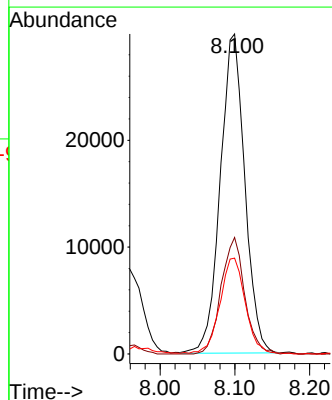
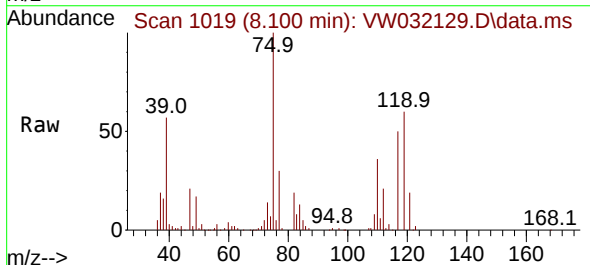
Instrument :
 MSVOA_W
 ClientSampleId :

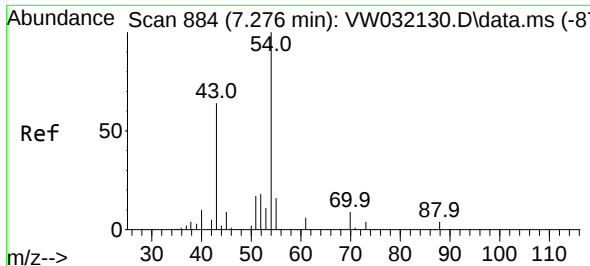
Tgt Ion:113 Resp: 50977
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.2 121.8
 192 17.5 14.2 21.2



#36
 1,1-Dichloropropene
 Concen: 21.056 ug/l
 RT: 8.100 min Scan# 1019
 Delta R.T. 0.006 min
 Lab File: VW032129.D
 Acq: 25 Aug 2025 13:17

Tgt Ion: 75 Resp: 68249
 Ion Ratio Lower Upper
 75 100
 110 35.1 18.4 55.4
 77 31.2 25.7 38.5

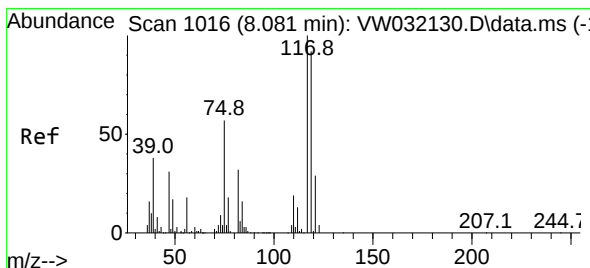
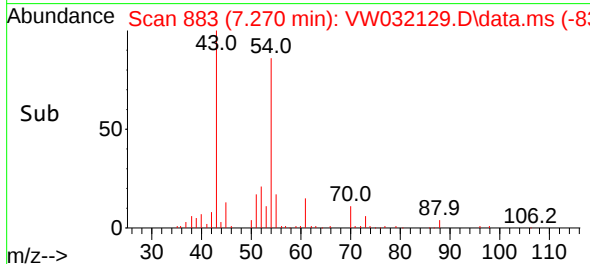
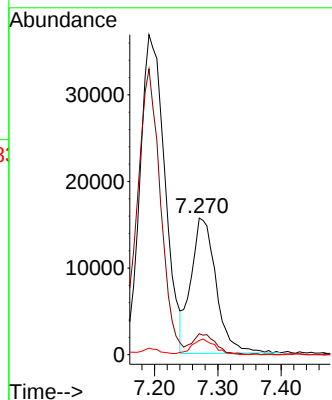
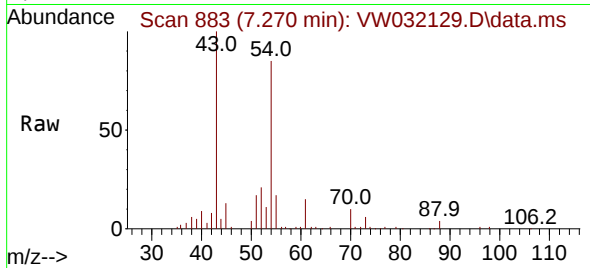




#37
Ethyl Acetate
Concen: 21.797 ug/l
RT: 7.270 min Scan# 81
Delta R.T. 0.000 min
Lab File: VW032129.D
Acq: 25 Aug 2025 13:17

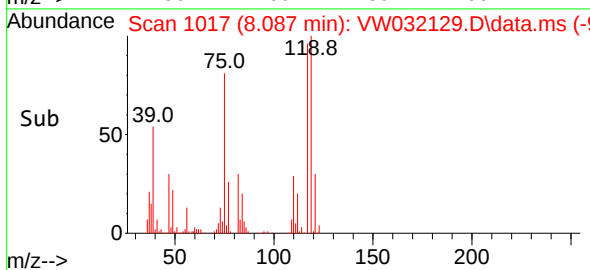
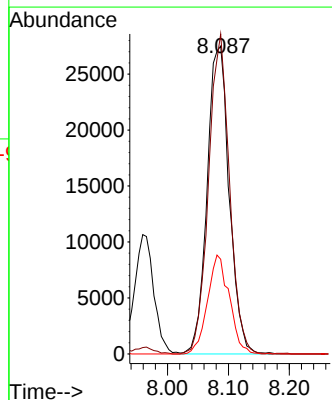
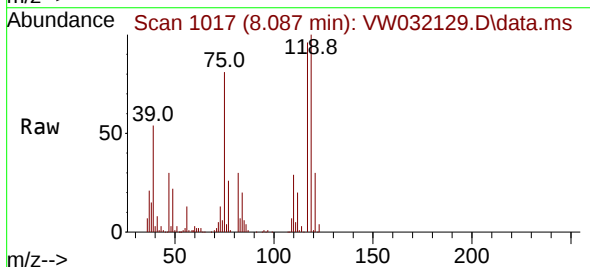
Instrument :
MSVOA_W
ClientSampleId :

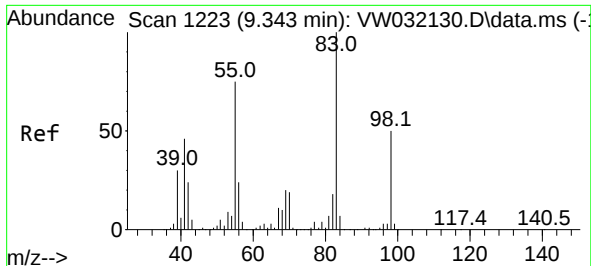
Tgt Ion:	43	Resp:	43409
Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.1	16.7
70	10.7	9.1	13.7



#38
Carbon Tetrachloride
Concen: 20.212 ug/l
RT: 8.087 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VW032129.D
Acq: 25 Aug 2025 13:17

Tgt Ion:	117	Resp:	69450
Ion	Ratio	Lower	Upper
117	100		
119	104.0	78.9	118.3
121	30.8	23.9	35.9





#39

Methylcyclohexane

Concen: 20.781 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

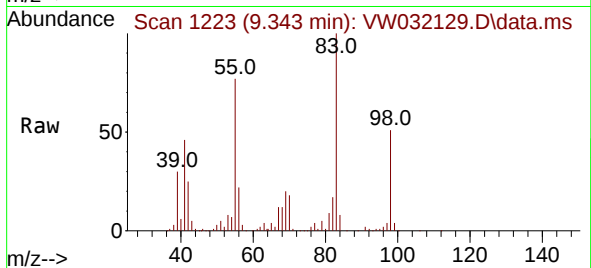
Lab File: VW032129.D

Acq: 25 Aug 2025 13:17

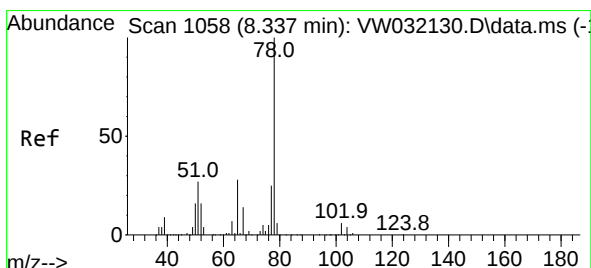
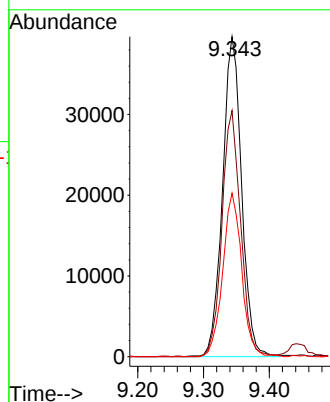
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	83	Resp:	80107
Ion	Ratio	Lower	Upper
83	100		
55	76.7	59.5	89.3
98	51.1	39.9	59.9



#40

Benzene

Concen: 21.301 ug/l

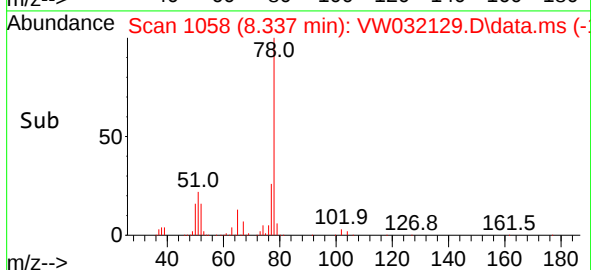
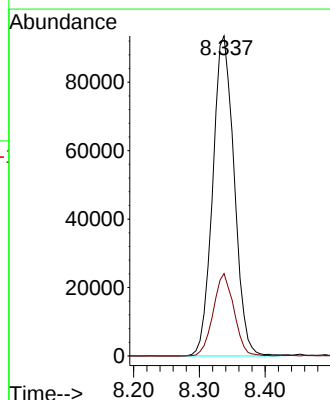
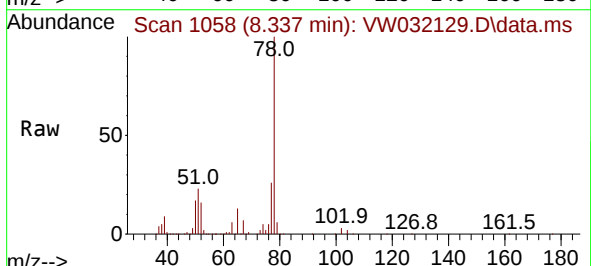
RT: 8.337 min Scan# 1058

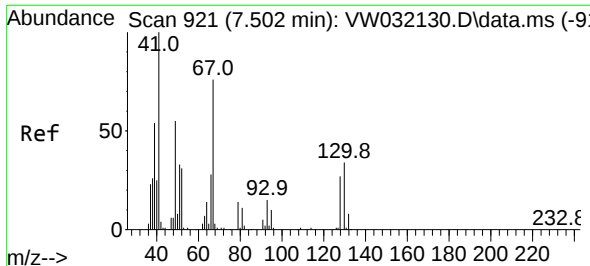
Delta R.T. 0.000 min

Lab File: VW032129.D

Acq: 25 Aug 2025 13:17

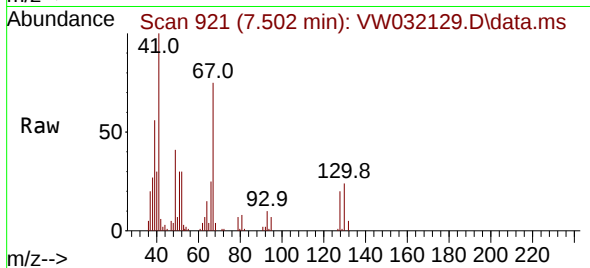
Tgt Ion:	78	Resp:	212614
Ion	Ratio	Lower	Upper
78	100		
77	25.8	20.4	30.6



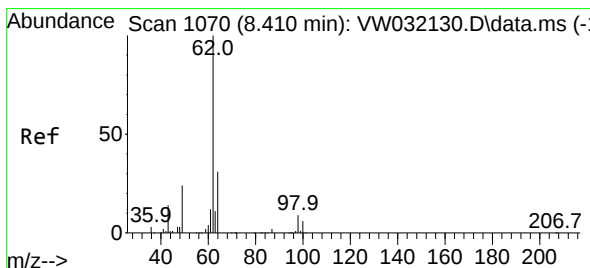
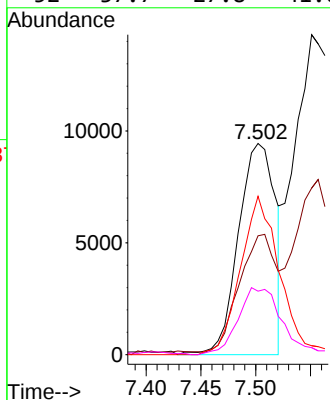
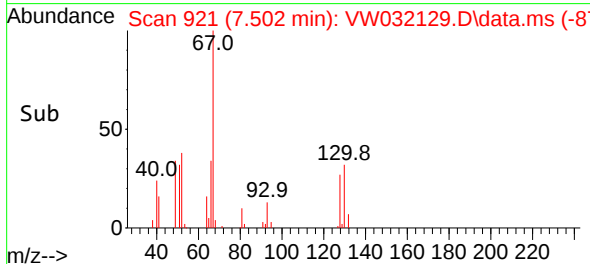


#41
Methacrylonitrile
Concen: 20.337 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032129.D
Acq: 25 Aug 2025 13:17

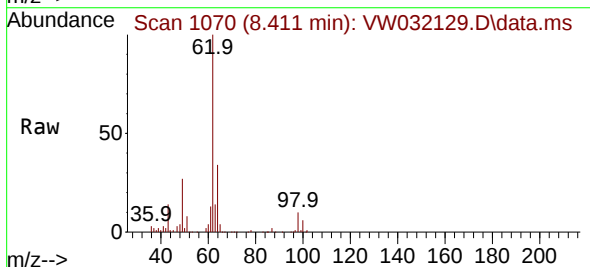
Instrument :
MSVOA_W
ClientSampleId :



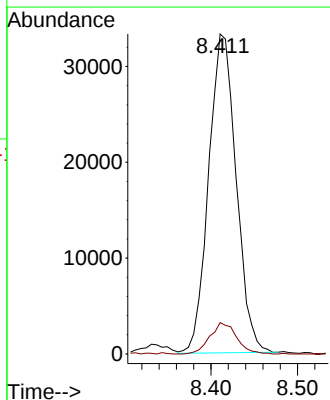
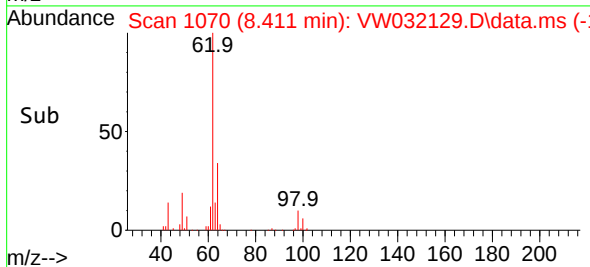
Tgt Ion:	41	Resp:	22065
Ion Ratio	Lower	Upper	
41	100		
39	54.7	52.6	79.0
67	80.7	63.8	95.8
52	37.7	27.8	41.6

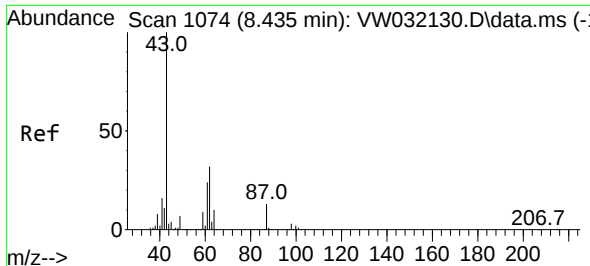


#42
1,2-Dichloroethane
Concen: 21.161 ug/l
RT: 8.411 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032129.D
Acq: 25 Aug 2025 13:17



Tgt Ion:	62	Resp:	73480
Ion Ratio	Lower	Upper	
62	100		
98	9.5	0.0	18.0

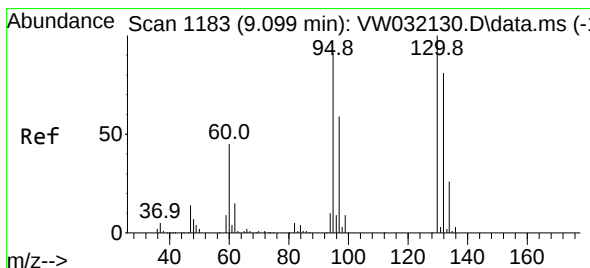
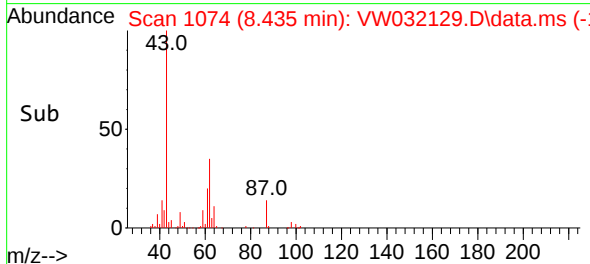
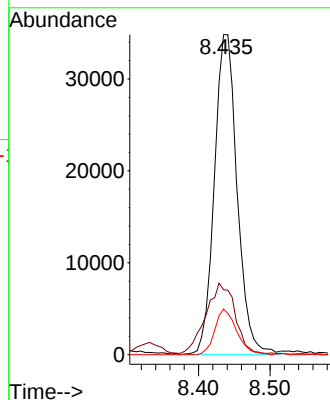
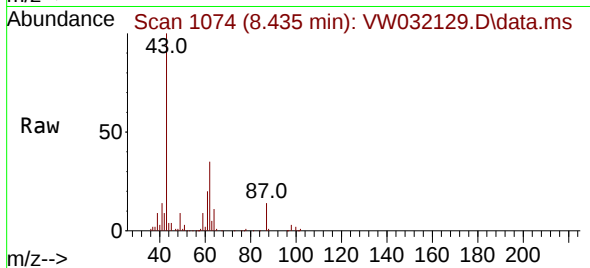




#43
Isopropyl Acetate
Concen: 21.076 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW032129.D
Acq: 25 Aug 2025 13:17

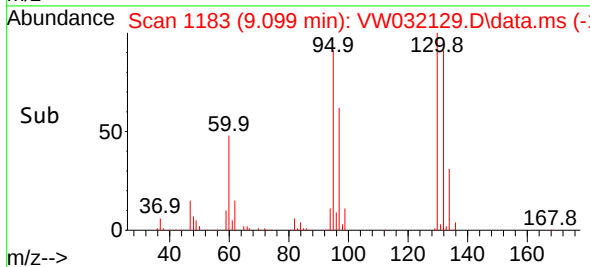
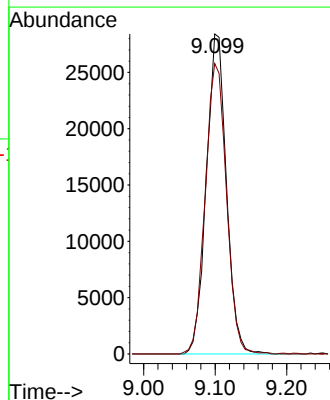
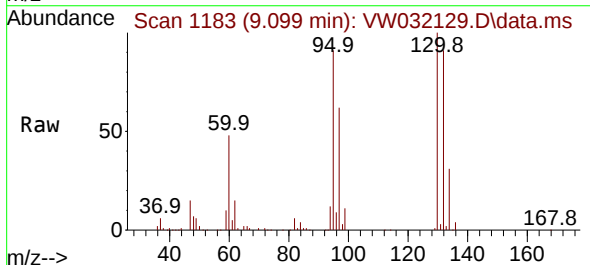
Instrument :
MSVOA_W
ClientSampleId :

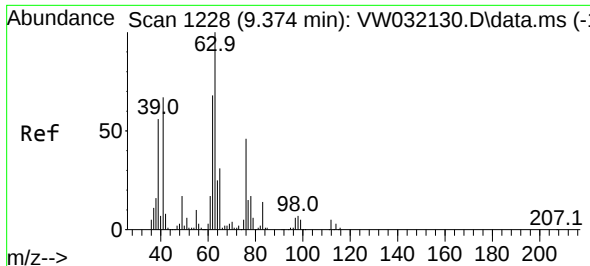
Tgt Ion: 43 Resp: 77353
Ion Ratio Lower Upper
43 100
61 28.0 24.0 36.0
87 13.5 11.4 17.2



#44
Trichloroethene
Concen: 21.571 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.006 min
Lab File: VW032129.D
Acq: 25 Aug 2025 13:17

Tgt Ion: 130 Resp: 55465
Ion Ratio Lower Upper
130 100
95 90.8 0.0 190.0





#45

1,2-Dichloropropane

Concen: 21.444 ug/l

RT: 9.380 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW032129.D

Acq: 25 Aug 2025 13:17

Instrument :

MSVOA_W

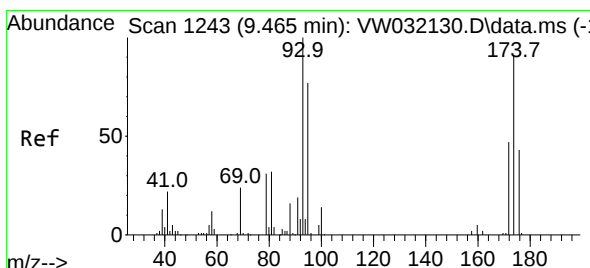
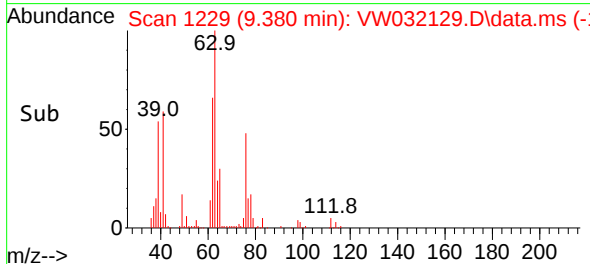
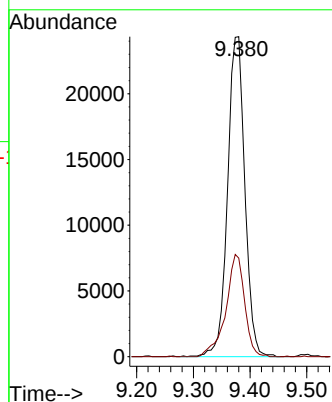
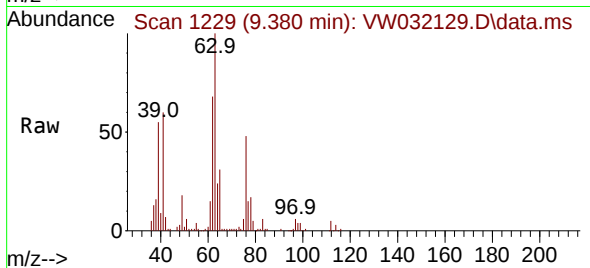
ClientSampleId :

Tgt Ion: 63 Resp: 51534

Ion Ratio Lower Upper

63 100

65 30.8 24.1 36.1



#46

Dibromomethane

Concen: 21.470 ug/l

RT: 9.471 min Scan# 1244

Delta R.T. 0.006 min

Lab File: VW032129.D

Acq: 25 Aug 2025 13:17

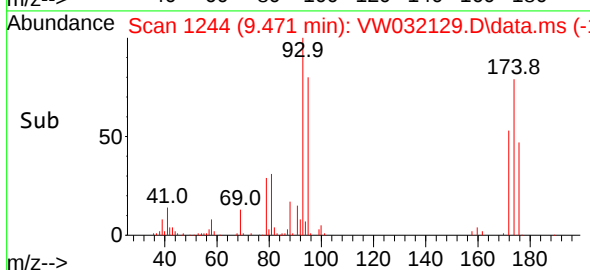
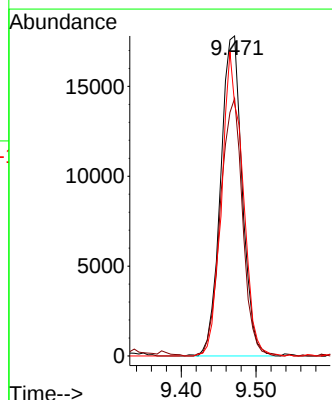
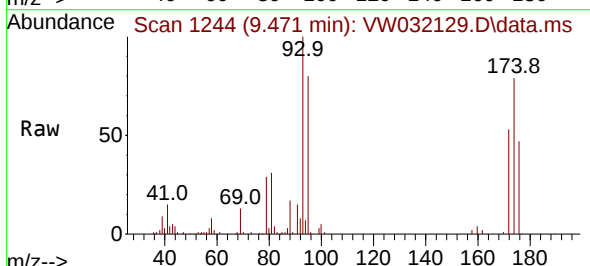
Tgt Ion: 93 Resp: 35984

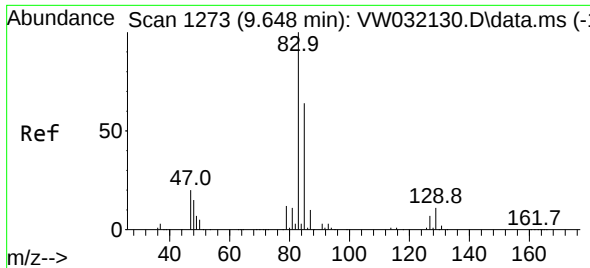
Ion Ratio Lower Upper

93 100

95 82.0 65.7 98.5

174 91.5 74.2 111.2

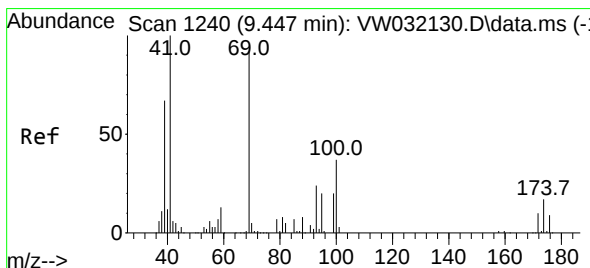
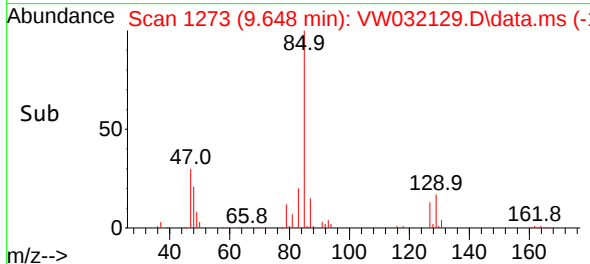
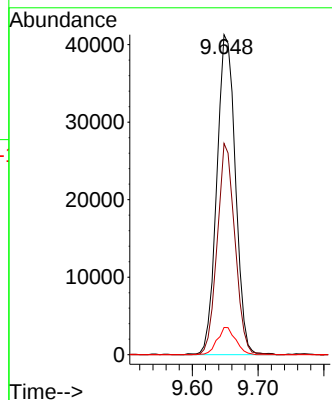
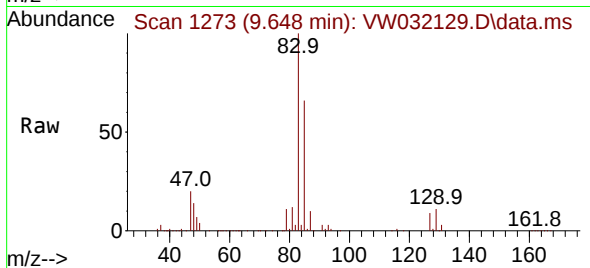




#47
Bromodichloromethane
Concen: 21.385 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VW032129.D
Acq: 25 Aug 2025 13:17

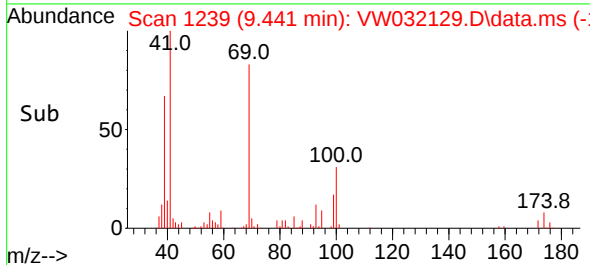
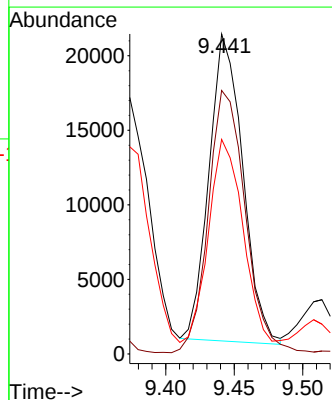
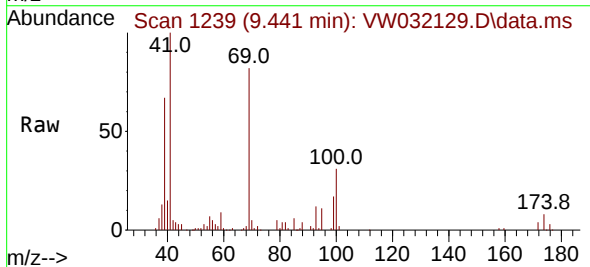
Instrument :
MSVOA_W
ClientSampleId :

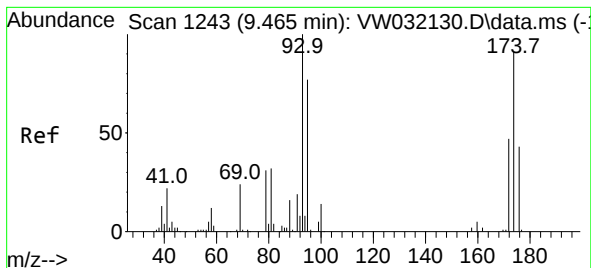
Tgt Ion: 83 Resp: 81248
Ion Ratio Lower Upper
83 100
85 66.0 52.2 78.4
127 8.5 6.6 9.8



#48
Methyl methacrylate
Concen: 20.406 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW032129.D
Acq: 25 Aug 2025 13:17

Tgt Ion: 41 Resp: 35188
Ion Ratio Lower Upper
41 100
69 93.8 72.4 108.6
39 68.4 57.8 86.8





#49

1,4-Dioxane

Concen: 420.961 ug/l

RT: 9.465 min Scan# 11

Delta R.T. 0.000 min

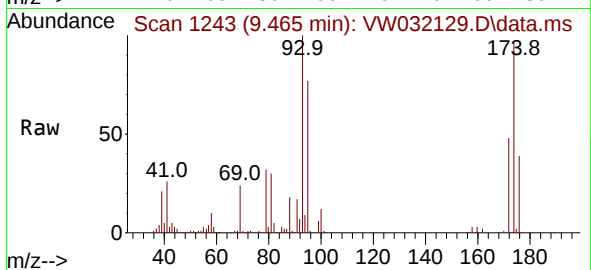
Lab File: VW032129.D

Acq: 25 Aug 2025 13:17

Instrument :

MSVOA_W

ClientSampleId :



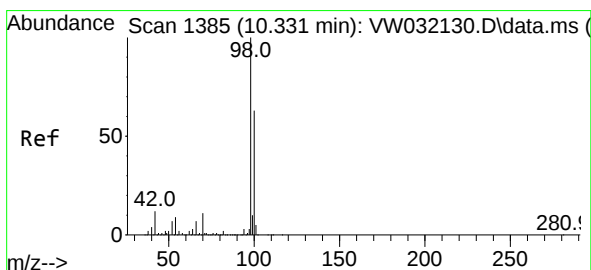
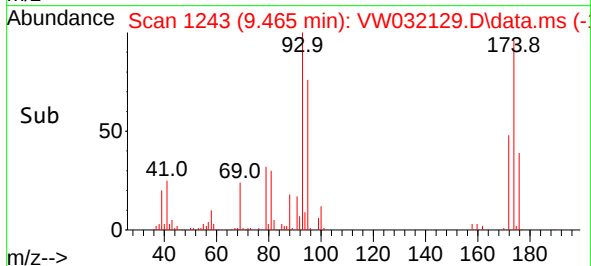
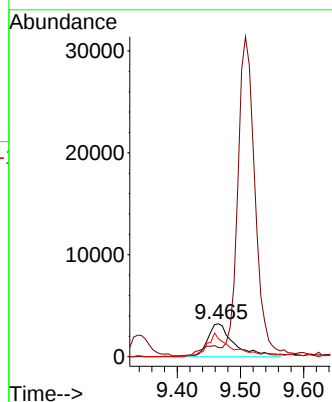
Tgt Ion: 88 Resp: 9348

Ion Ratio Lower Upper

88 100

43 24.3 18.8 28.2

58 66.0 55.9 83.9



#50

Toluene-d8

Concen: 20.757 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW032129.D

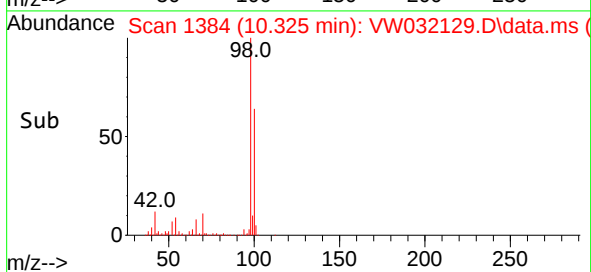
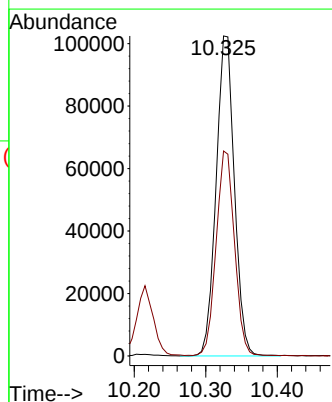
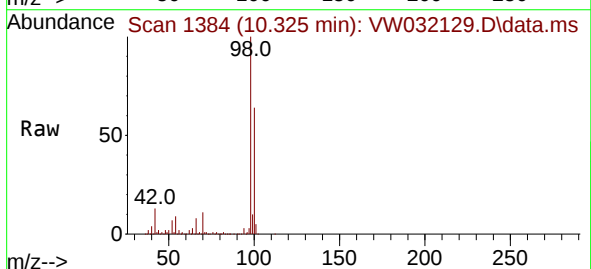
Acq: 25 Aug 2025 13:17

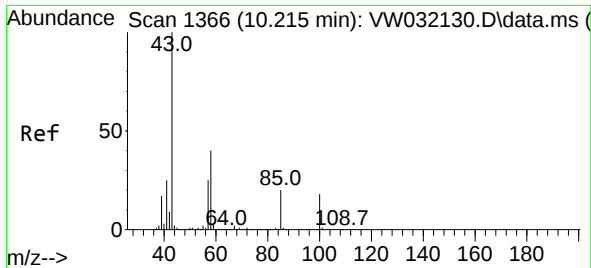
Tgt Ion: 98 Resp: 182186

Ion Ratio Lower Upper

98 100

100 64.0 51.4 77.2

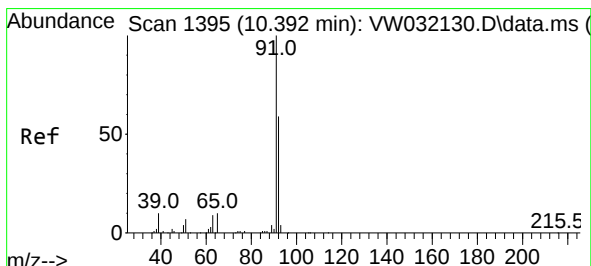
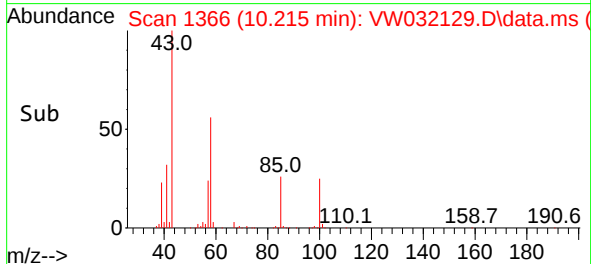
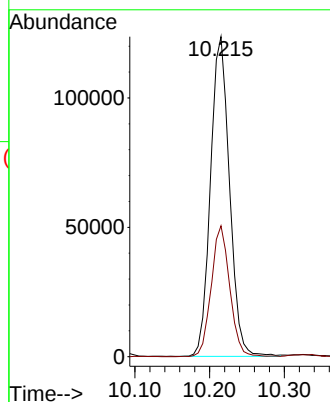
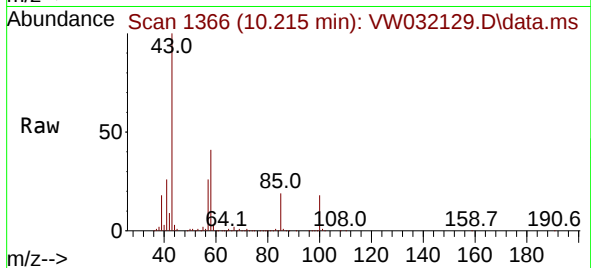




#51
4-Methyl-2-Pentanone
Concen: 105.641 ug/l
RT: 10.215 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032129.D
Acq: 25 Aug 2025 13:17

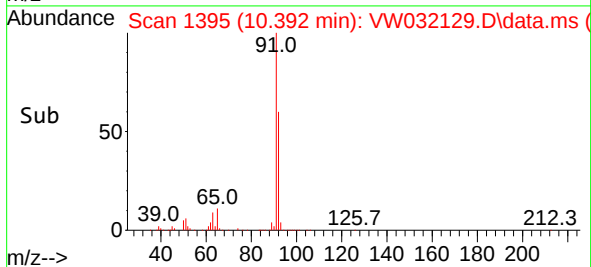
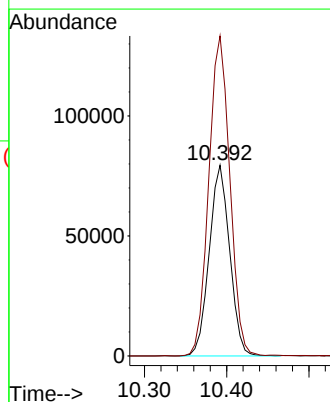
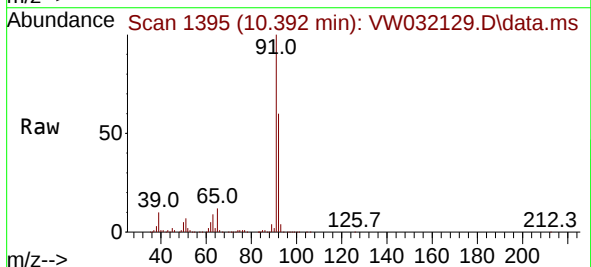
Instrument :
MSVOA_W
ClientSampleId :

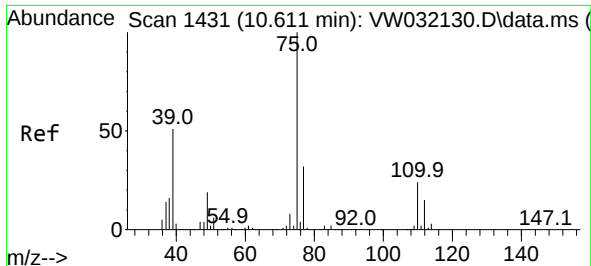
Tgt Ion: 43 Resp: 218471
Ion Ratio Lower Upper
43 100
58 40.0 31.6 47.4



#52
Toluene
Concen: 21.205 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW032129.D
Acq: 25 Aug 2025 13:17

Tgt Ion: 92 Resp: 137564
Ion Ratio Lower Upper
92 100
91 172.3 137.6 206.4

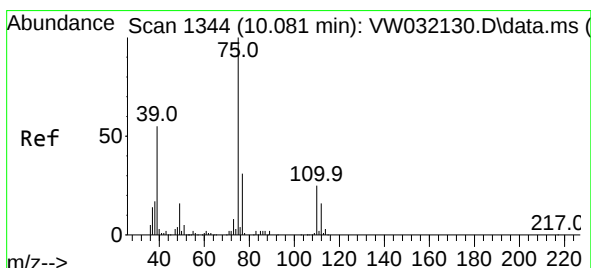
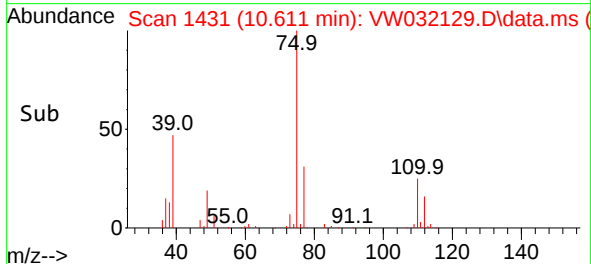
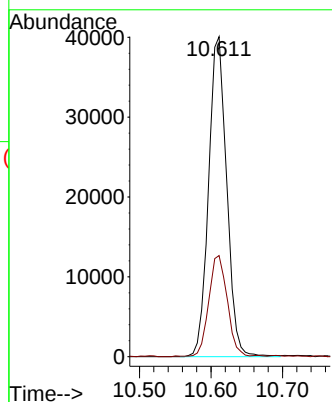
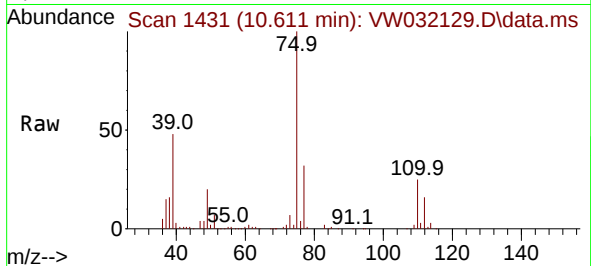




#53
 t-1,3-Dichloropropene
 Concen: 20.653 ug/l
 RT: 10.611 min Scan# 1431
 Delta R.T. 0.000 min
 Lab File: VW032129.D
 Acq: 25 Aug 2025 13:17

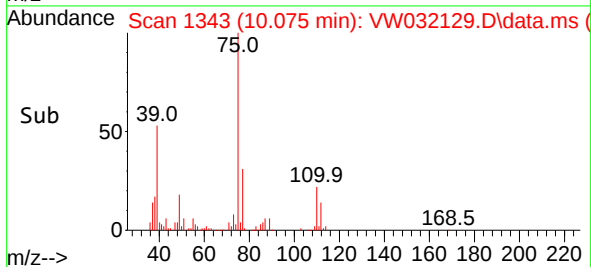
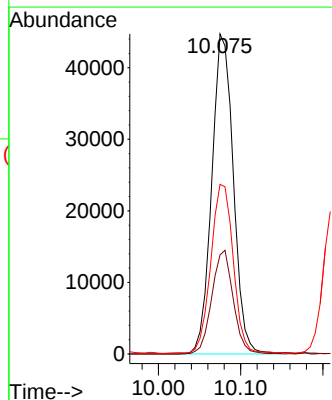
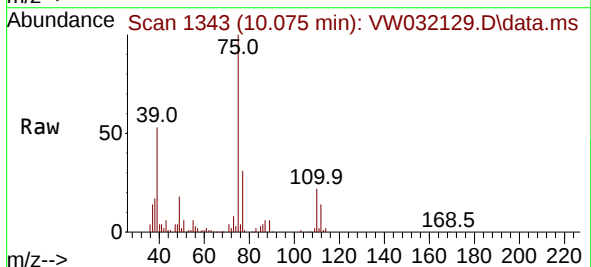
Instrument :
 MSVOA_W
 ClientSampleId :

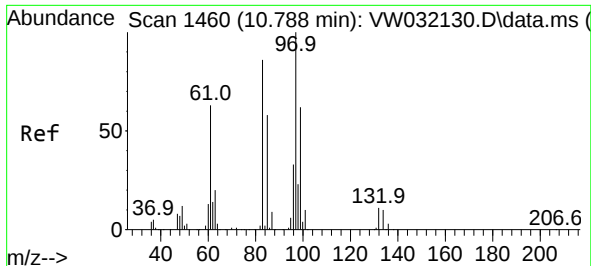
Tgt Ion: 75 Resp: 70501
 Ion Ratio Lower Upper
 75 100
 77 31.5 27.7 41.5



#54
 cis-1,3-Dichloropropene
 Concen: 20.955 ug/l
 RT: 10.075 min Scan# 1343
 Delta R.T. -0.006 min
 Lab File: VW032129.D
 Acq: 25 Aug 2025 13:17

Tgt Ion: 75 Resp: 81604
 Ion Ratio Lower Upper
 75 100
 77 31.0 26.5 39.7
 39 52.6 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 21.549 ug/l

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

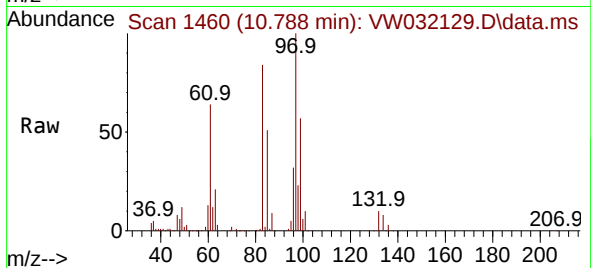
Lab File: VW032129.D

Acq: 25 Aug 2025 13:17

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 47166

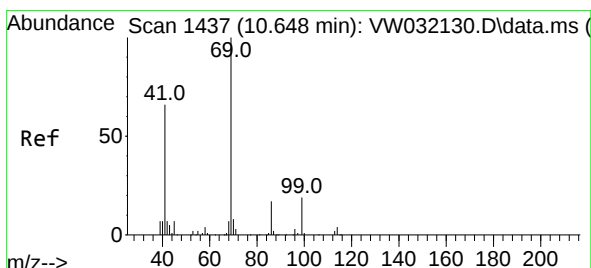
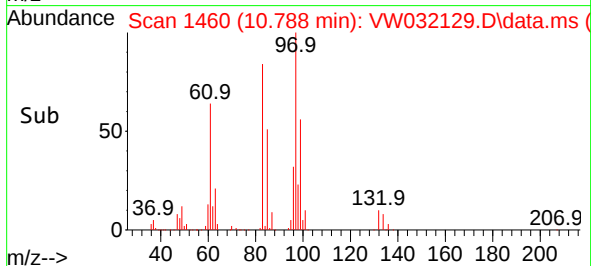
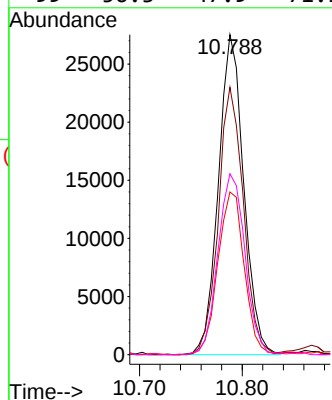
Ion Ratio Lower Upper

97 100

83 83.6 65.6 98.4

85 50.9 42.6 63.8

99 56.3 47.9 71.9



#56

Ethyl methacrylate

Concen: 20.421 ug/l

RT: 10.648 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VW032129.D

Acq: 25 Aug 2025 13:17

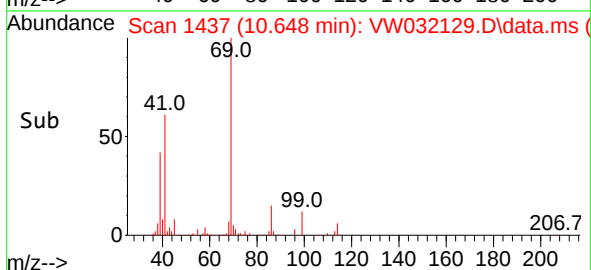
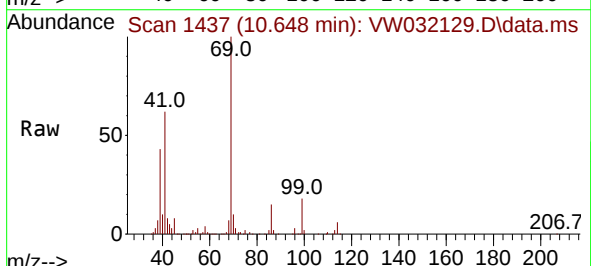
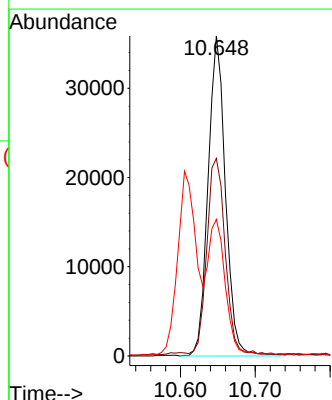
Tgt Ion: 69 Resp: 57949

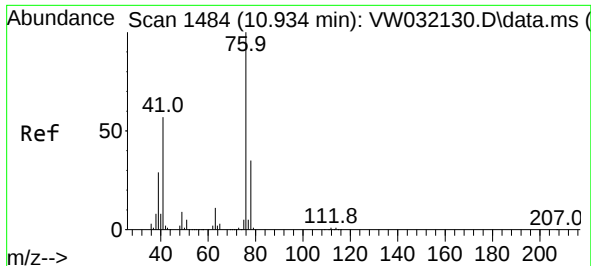
Ion Ratio Lower Upper

69 100

41 64.5 52.5 78.7

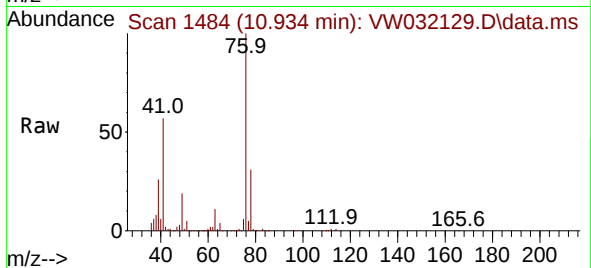
39 41.7 33.2 49.8



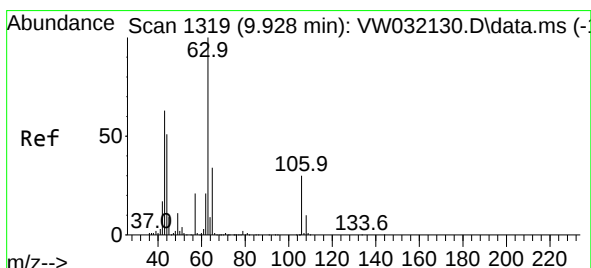
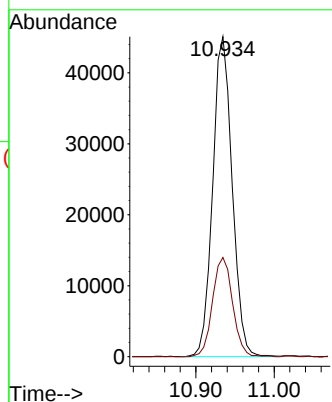
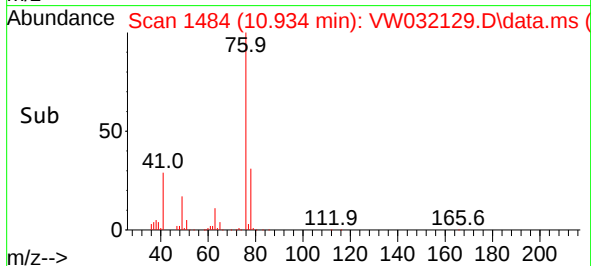


#57
1,3-Dichloropropane
Concen: 21.337 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VW032129.D
Acq: 25 Aug 2025 13:17

Instrument :
MSVOA_W
ClientSampleId :

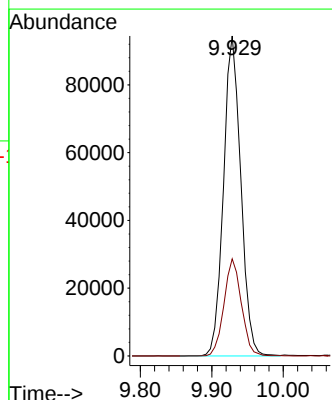
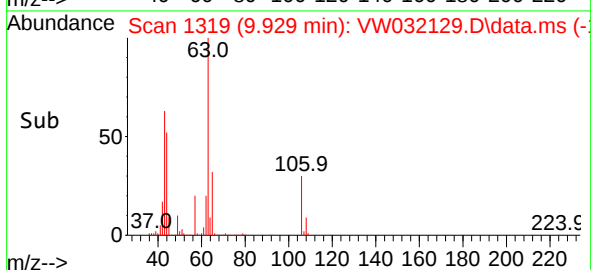
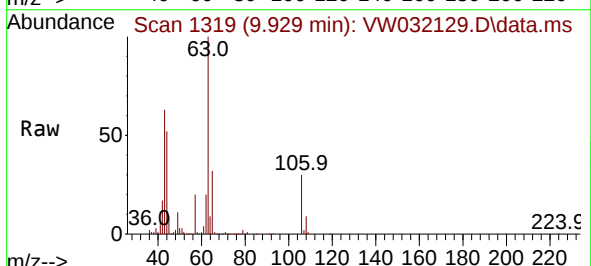


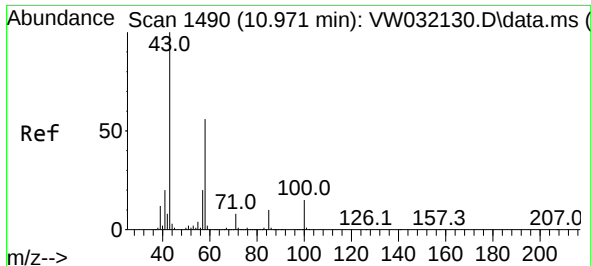
Tgt Ion: 76 Resp: 77949
Ion Ratio Lower Upper
76 100
78 31.9 26.6 39.8



#58
2-Chloroethyl Vinyl ether
Concen: 103.896 ug/l
RT: 9.929 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VW032129.D
Acq: 25 Aug 2025 13:17

Tgt Ion: 63 Resp: 158939
Ion Ratio Lower Upper
63 100
106 30.5 24.6 36.8

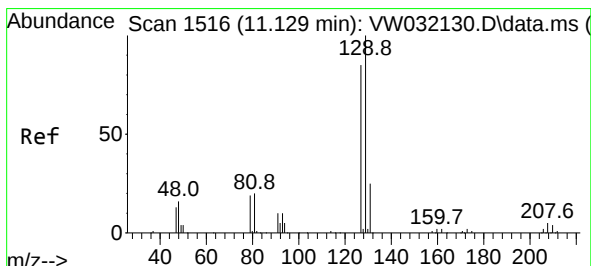
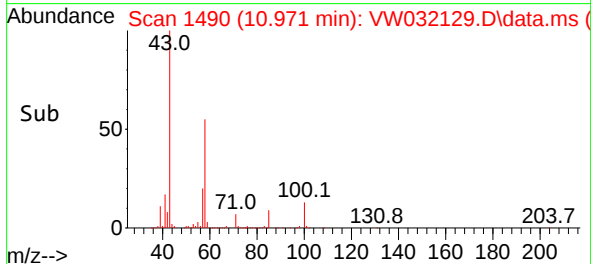
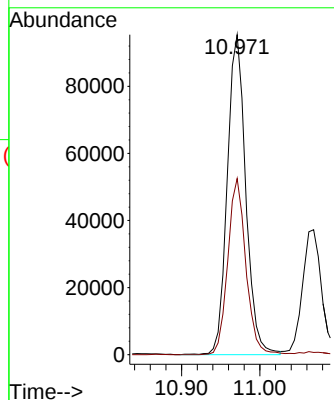
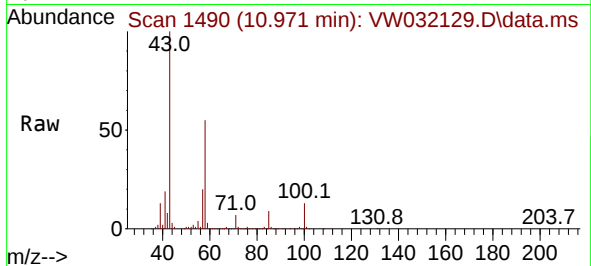




#59
2-Hexanone
Concen: 106.510 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032129.D
Acq: 25 Aug 2025 13:17

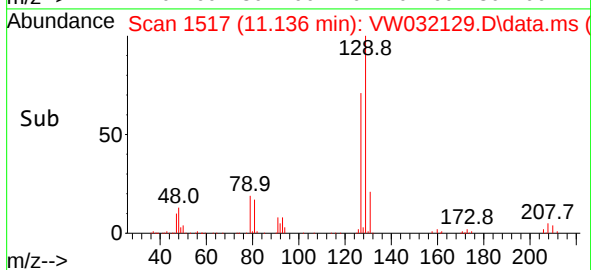
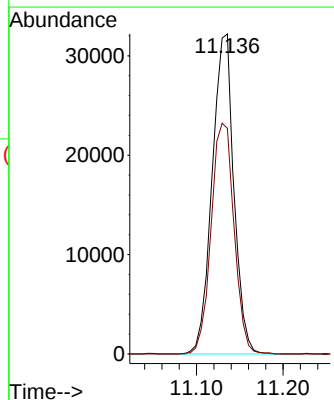
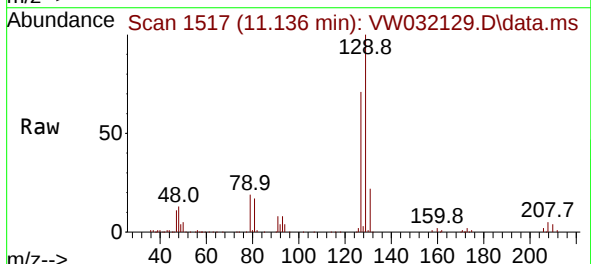
Instrument :
MSVOA_W
ClientSampleId :

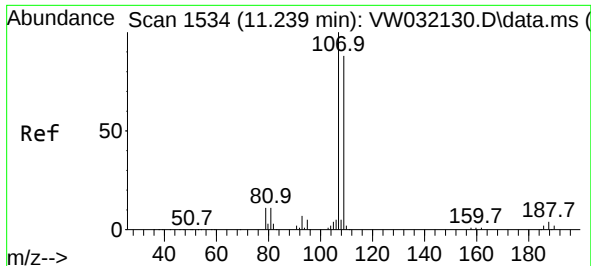
Tgt Ion: 43 Resp: 156640
Ion Ratio Lower Upper
43 100
58 53.8 27.1 81.2



#60
Dibromochloromethane
Concen: 21.170 ug/l
RT: 11.136 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VW032129.D
Acq: 25 Aug 2025 13:17

Tgt Ion:129 Resp: 56138
Ion Ratio Lower Upper
129 100
127 76.0 39.3 117.8

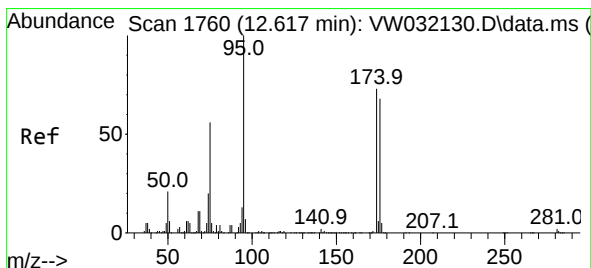
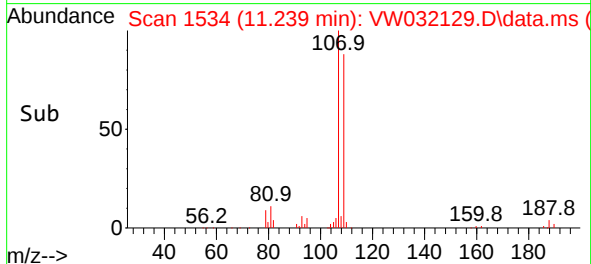
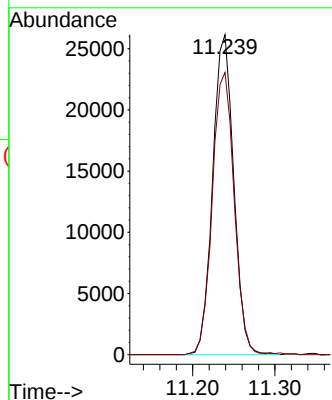
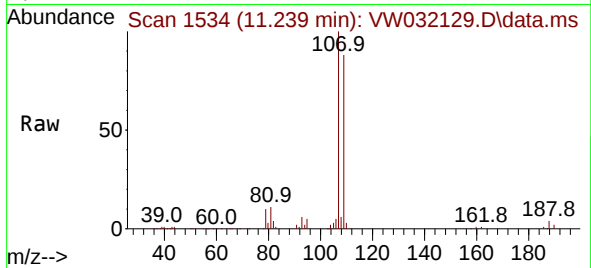




#61
1,2-Dibromoethane
Concen: 21.368 ug/l
RT: 11.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032129.D
Acq: 25 Aug 2025 13:17

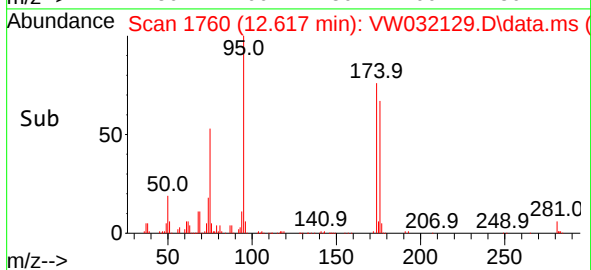
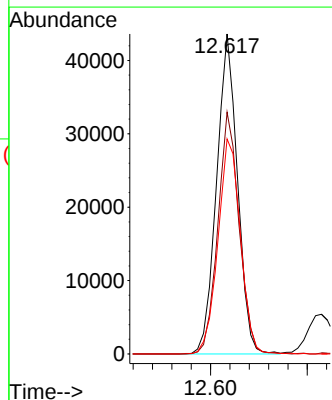
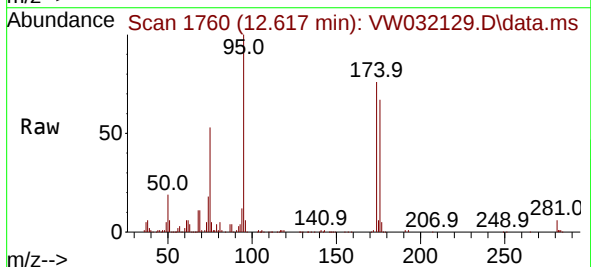
Instrument :
MSVOA_W
ClientSampleId :

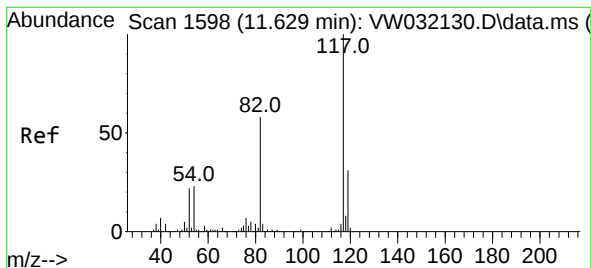
Tgt Ion:107 Resp: 46425
Ion Ratio Lower Upper
107 100
109 91.9 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 20.056 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032129.D
Acq: 25 Aug 2025 13:17

Tgt Ion: 95 Resp: 65340
Ion Ratio Lower Upper
95 100
174 76.7 0.0 154.0
176 72.1 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: VW032129.D

Acq: 25 Aug 2025 13:17

Instrument :

MSVOA_W

ClientSampleId :

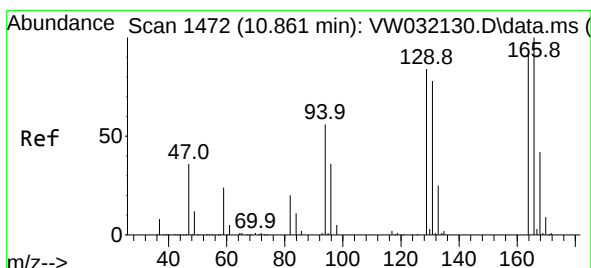
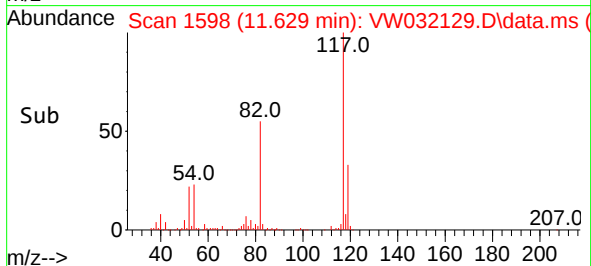
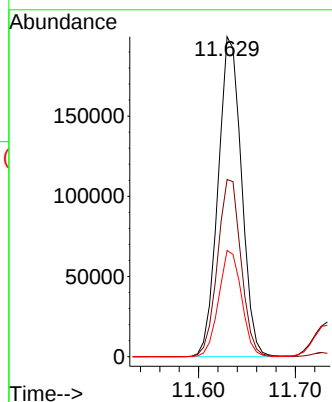
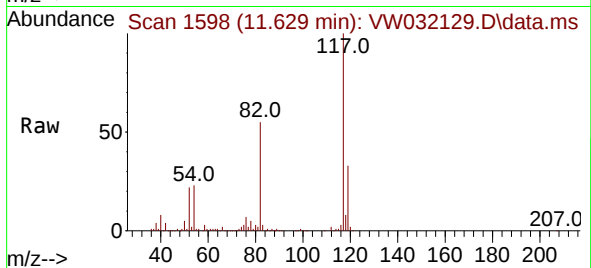
Tgt Ion:117 Resp: 335232

Ion Ratio Lower Upper

117 100

82 55.3 42.8 64.2

119 33.2 24.5 36.7



#64

Tetrachloroethene

Concen: 20.233 ug/l

RT: 10.867 min Scan# 1473

Delta R.T. 0.006 min

Lab File: VW032129.D

Acq: 25 Aug 2025 13:17

Tgt Ion:164 Resp: 45062

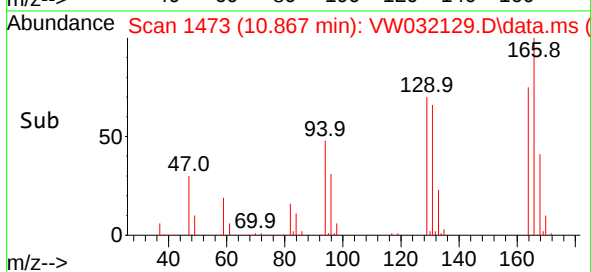
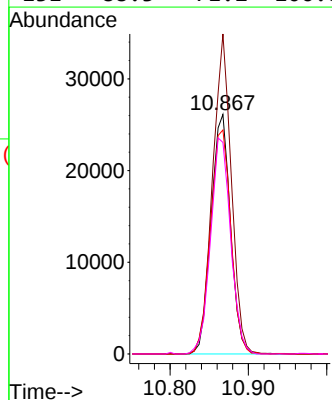
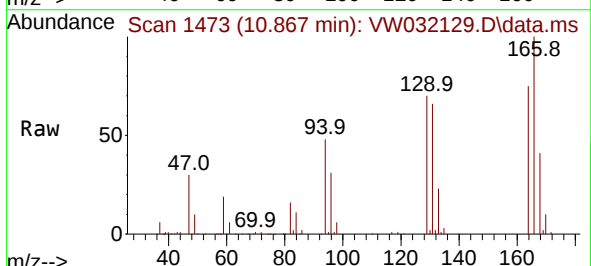
Ion Ratio Lower Upper

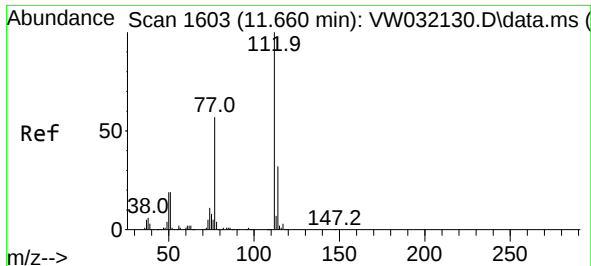
164 100

166 133.6 101.9 152.9

129 93.6 79.6 119.4

131 88.3 71.2 106.8

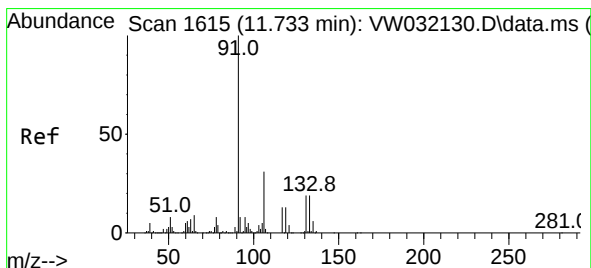
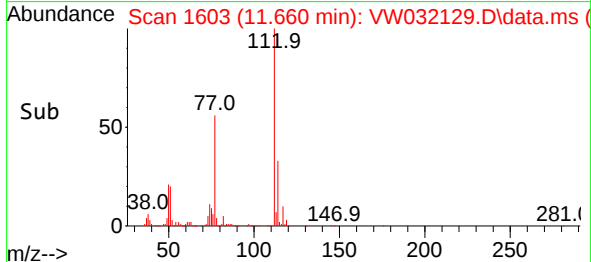
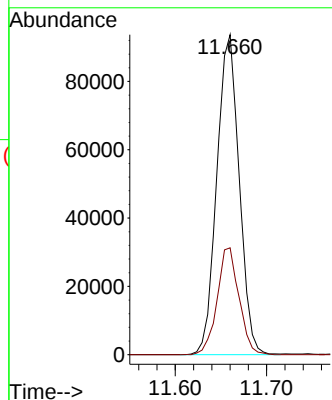
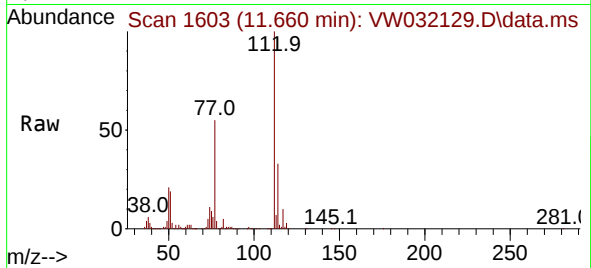




#65
Chlorobenzene
Concen: 21.059 ug/l
RT: 11.660 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032129.D
Acq: 25 Aug 2025 13:17

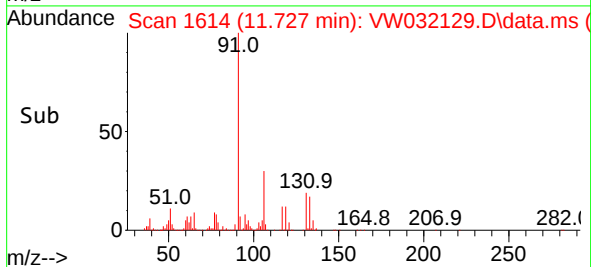
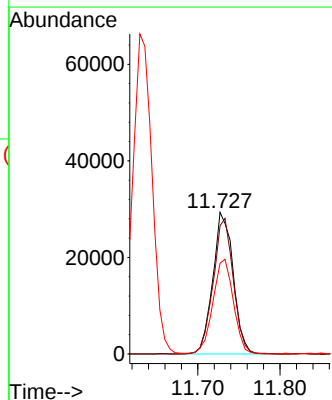
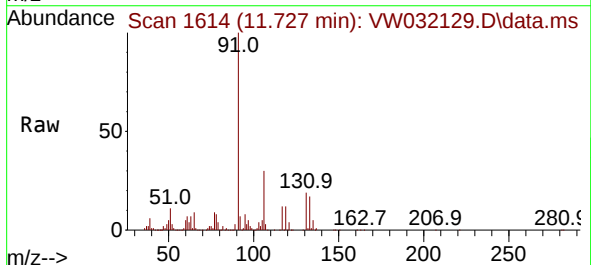
Instrument :
MSVOA_W
ClientSampleId :

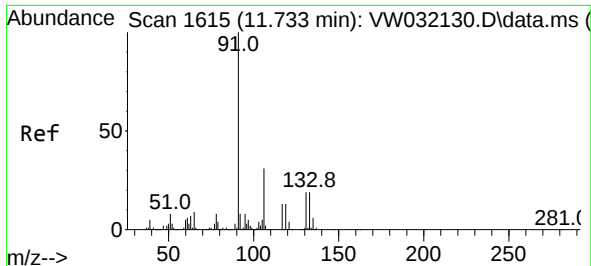
Tgt Ion:112 Resp: 159568
Ion Ratio Lower Upper
112 100
114 33.4 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.687 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. -0.006 min
Lab File: VW032129.D
Acq: 25 Aug 2025 13:17

Tgt Ion:131 Resp: 50568
Ion Ratio Lower Upper
131 100
133 94.4 48.4 145.3
119 67.4 32.2 96.6





#67

Ethyl Benzene

Concen: 20.785 ug/l

RT: 11.727 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032129.D

Acq: 25 Aug 2025 13:17

Instrument :

MSVOA_W

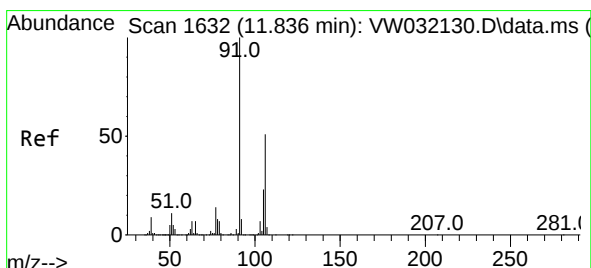
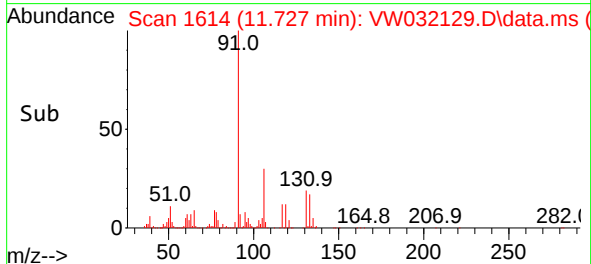
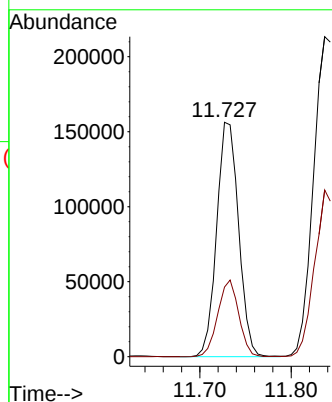
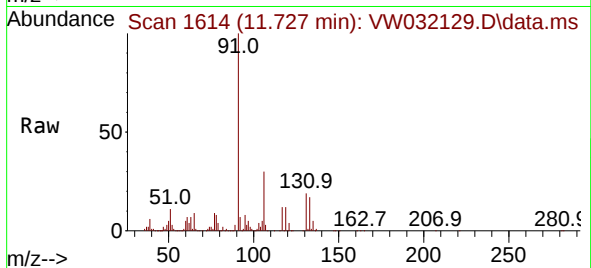
ClientSampleId :

Tgt Ion: 91 Resp: 260497

Ion Ratio Lower Upper

91 100

106 29.7 25.1 37.7



#68

m/p-Xylenes

Concen: 42.385 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW032129.D

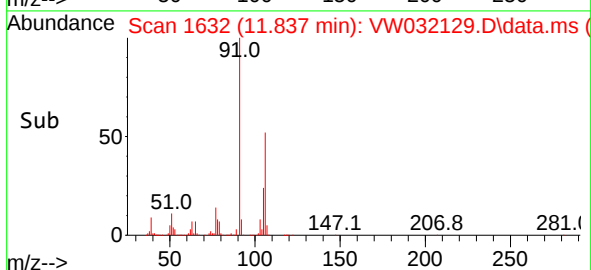
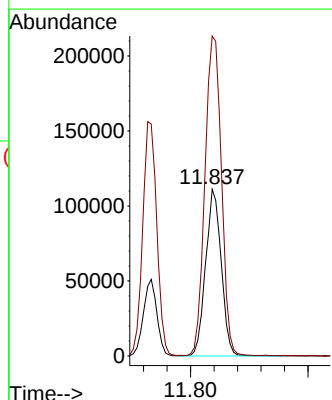
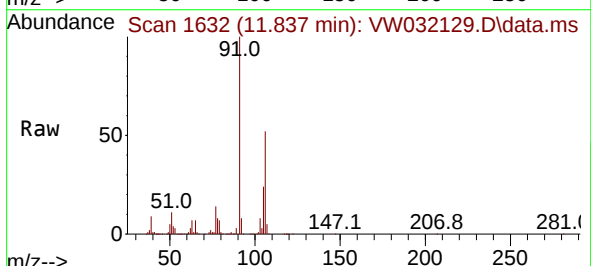
Acq: 25 Aug 2025 13:17

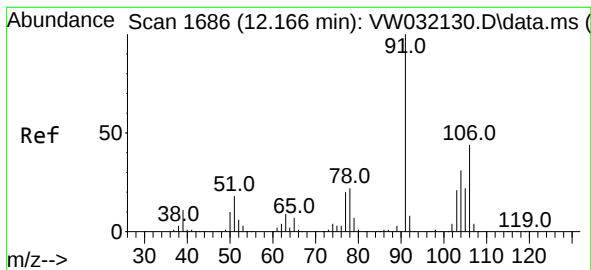
Tgt Ion:106 Resp: 204966

Ion Ratio Lower Upper

106 100

91 202.9 165.3 247.9





#69

o-Xylene

Concen: 20.810 ug/l

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032129.D

Acq: 25 Aug 2025 13:17

Instrument :

MSVOA_W

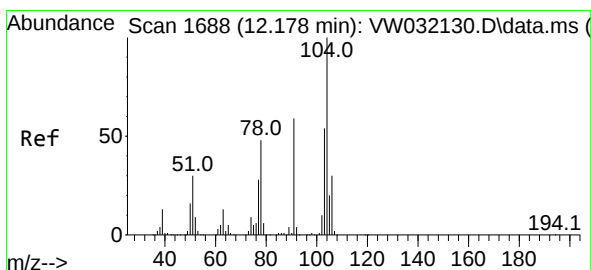
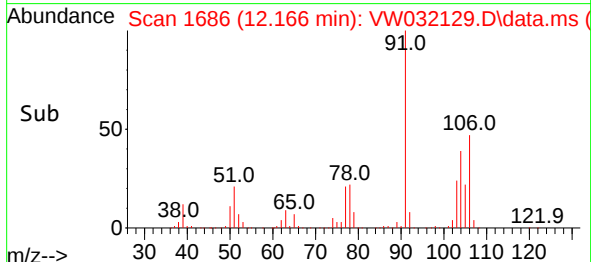
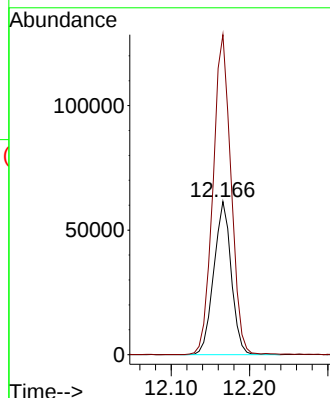
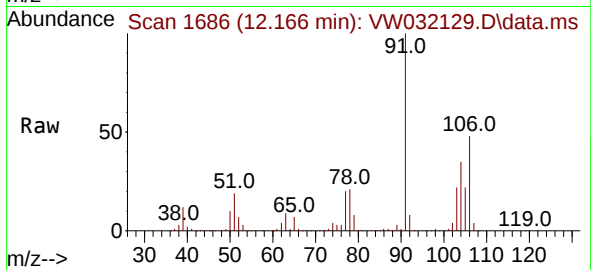
ClientSampleId :

Tgt Ion:106 Resp: 95298

Ion Ratio Lower Upper

106 100

91 215.8 109.7 329.2



#70

Styrene

Concen: 21.502 ug/l

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW032129.D

Acq: 25 Aug 2025 13:17

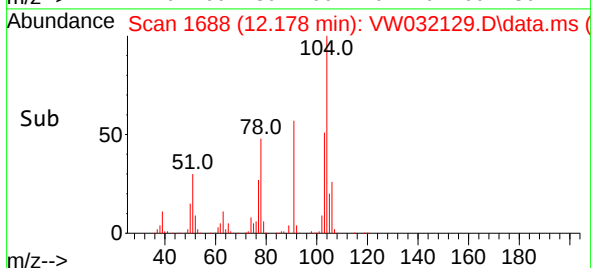
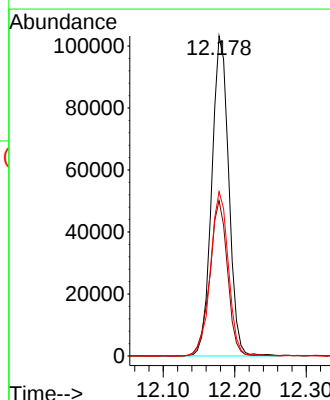
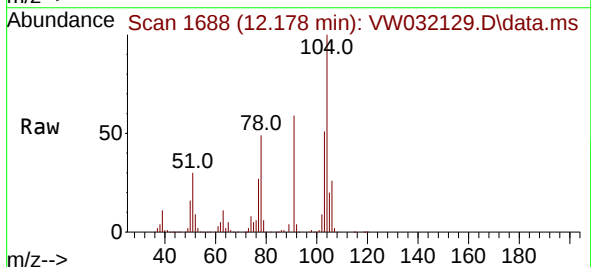
Tgt Ion:104 Resp: 170706

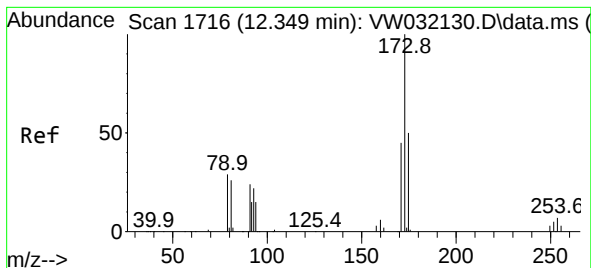
Ion Ratio Lower Upper

104 100

78 50.6 41.1 61.7

103 54.3 43.7 65.5





#71

Bromoform

Concen: 19.754 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032129.D

Acq: 25 Aug 2025 13:17

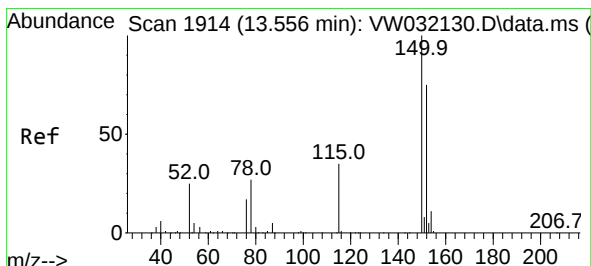
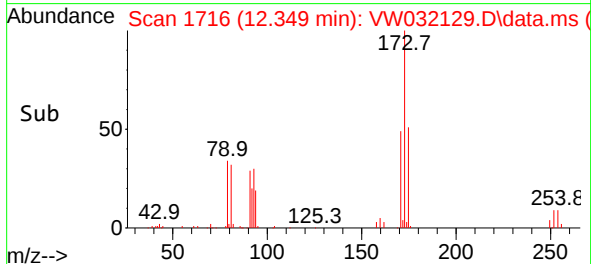
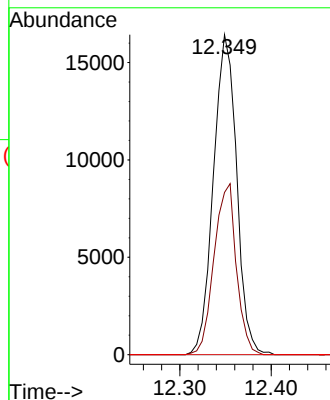
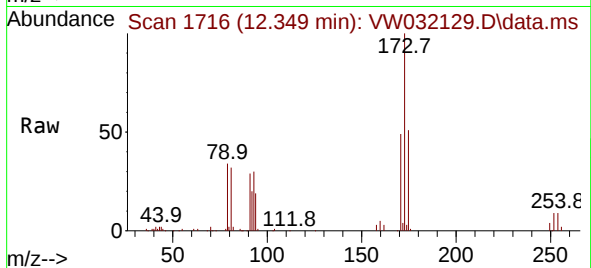
Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:173 Resp: 28980

Ion	Ratio	Lower	Upper
173	100		
175	51.3	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

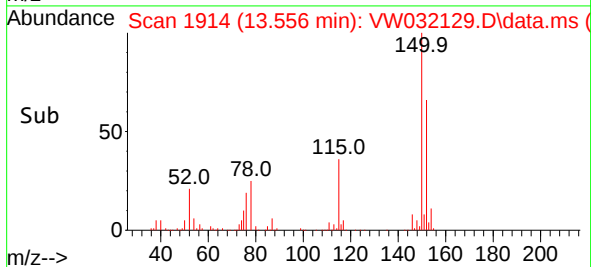
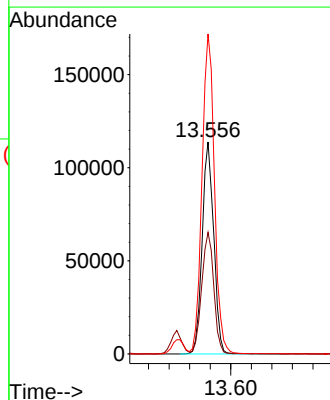
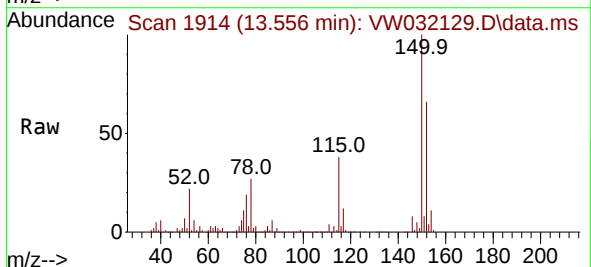
Delta R.T. 0.000 min

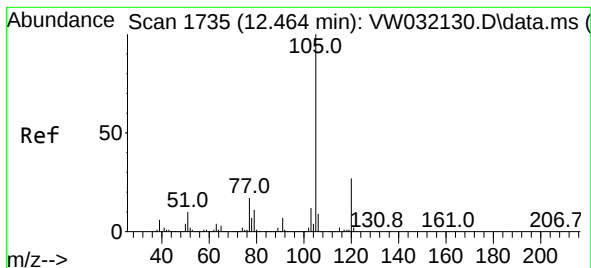
Lab File: VW032129.D

Acq: 25 Aug 2025 13:17

Tgt Ion:152 Resp: 177456

Ion	Ratio	Lower	Upper
152	100		
115	59.5	30.5	91.5
150	161.8	0.0	319.8





#73

Isopropylbenzene

Concen: 20.022 ug/l

RT: 12.465 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032129.D

Acq: 25 Aug 2025 13:17

Instrument :

MSVOA_W

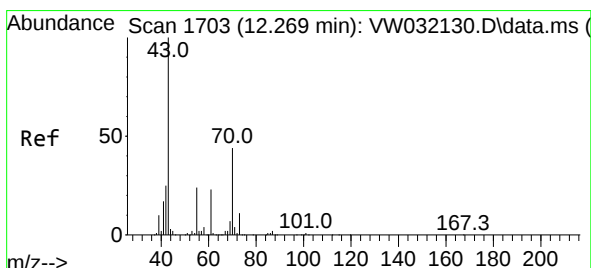
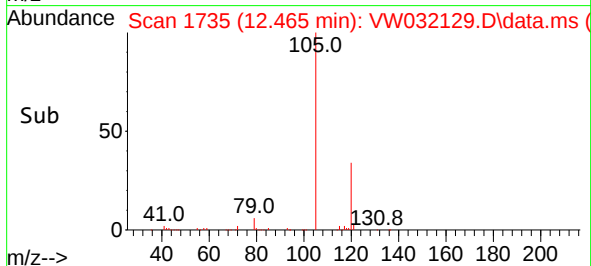
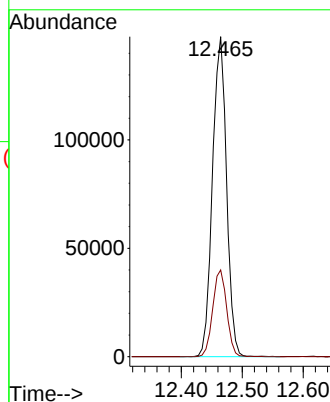
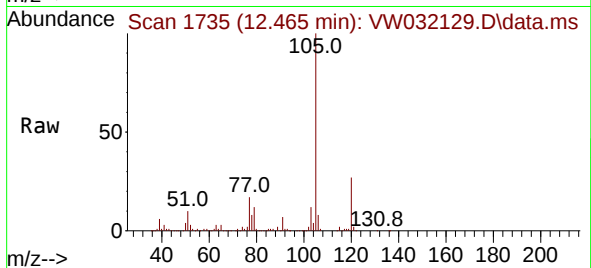
ClientSampleId :

Tgt Ion:105 Resp: 236441

Ion Ratio Lower Upper

105 100

120 26.9 13.2 39.5



#74

N-ethyl acetate

Concen: 20.578 ug/l

RT: 12.270 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW032129.D

Acq: 25 Aug 2025 13:17

Tgt Ion: 43 Resp: 70666

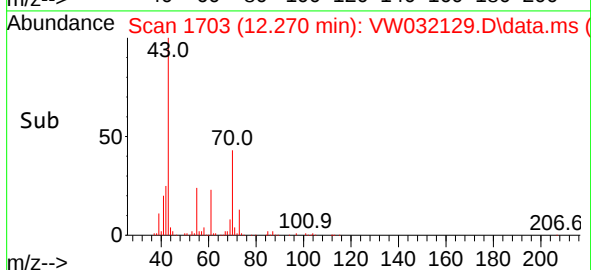
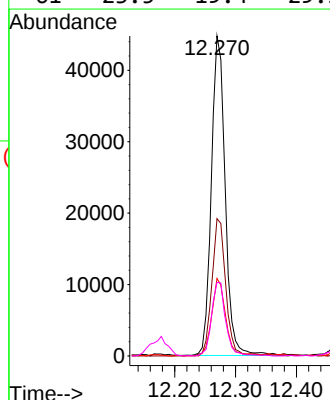
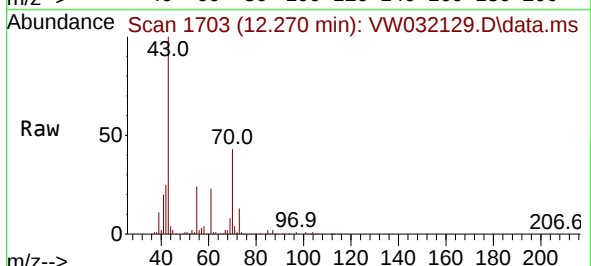
Ion Ratio Lower Upper

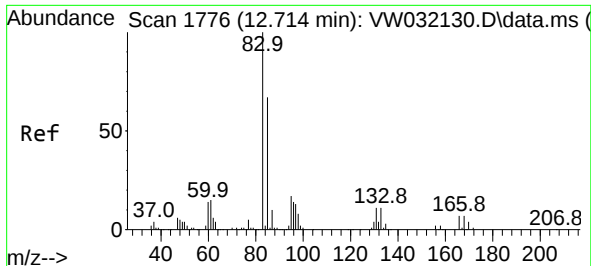
43 100

70 42.6 35.5 53.3

55 24.6 20.4 30.6

61 23.5 19.4 29.2

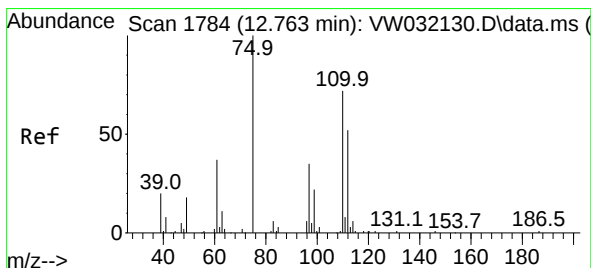
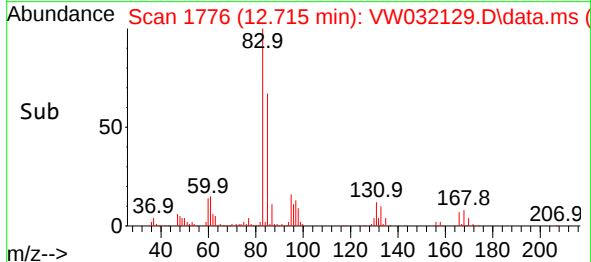
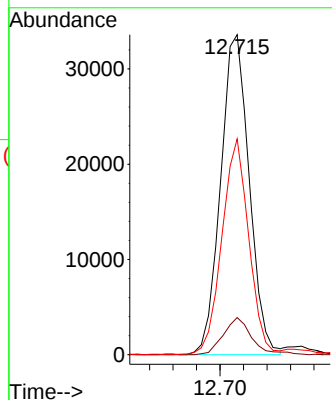
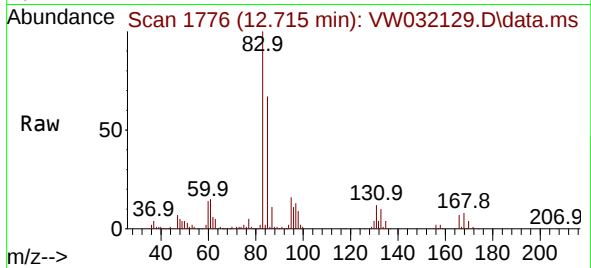




#75
1,1,2,2-Tetrachloroethane
Concen: 20.302 ug/l
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW032129.D
Acq: 25 Aug 2025 13:17

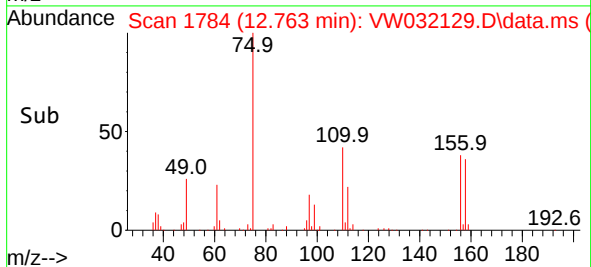
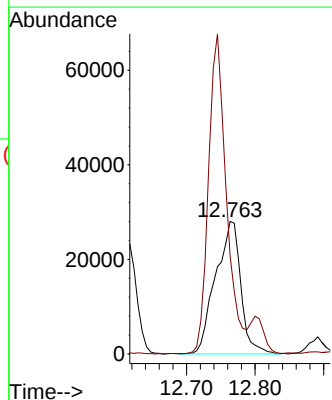
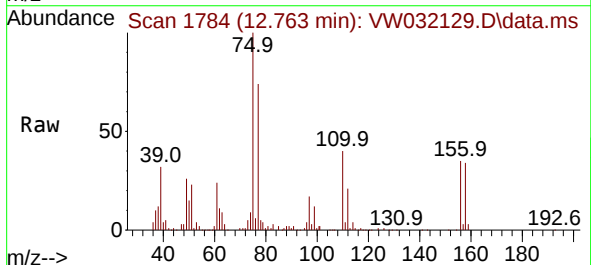
Instrument :
MSVOA_W
ClientSampleId :

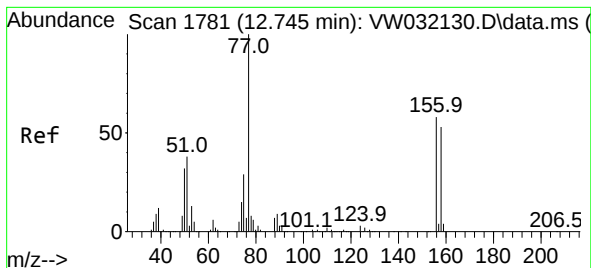
Tgt Ion: 83 Resp: 56827
Ion Ratio Lower Upper
83 100
131 11.5 5.5 16.4
85 63.4 32.8 98.4



#76
1,2,3-Trichloropropane
Concen: 32.835 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032129.D
Acq: 25 Aug 2025 13:17

Tgt Ion: 75 Resp: 71520
Ion Ratio Lower Upper
75 100
77 172.8 139.4 418.2





#77

Bromobenzene

Concen: 20.674 ug/l

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032129.D

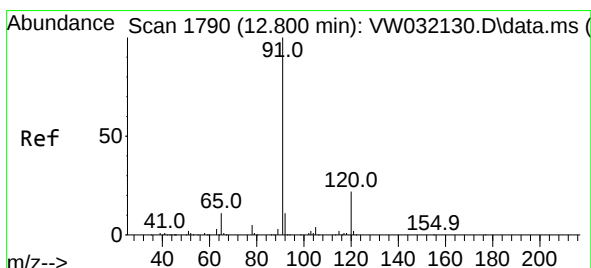
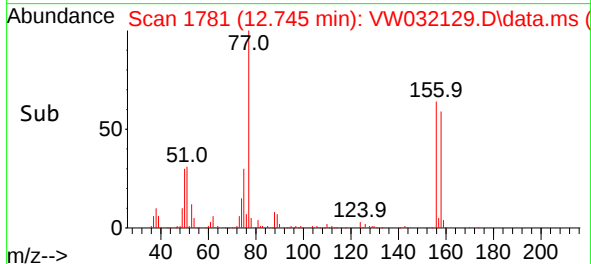
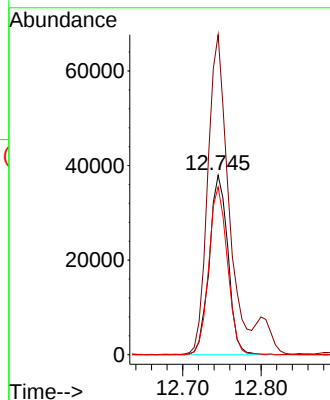
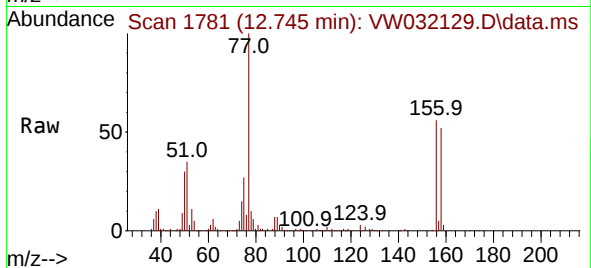
Acq: 25 Aug 2025 13:17

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	156	Resp:	62750
Ion Ratio	Lower	Upper	
156	100		
77	196.9	92.5	277.3
158	93.0	44.5	133.7



#78

n-propylbenzene

Concen: 20.408 ug/l

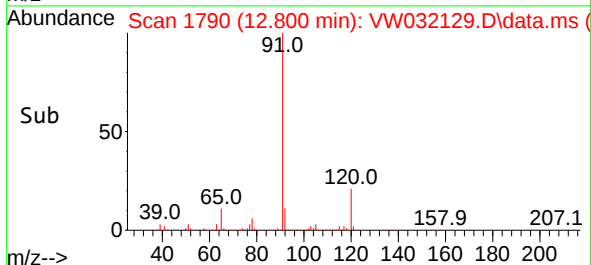
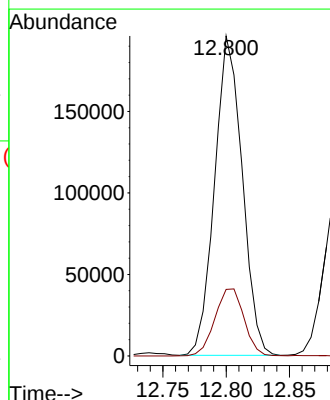
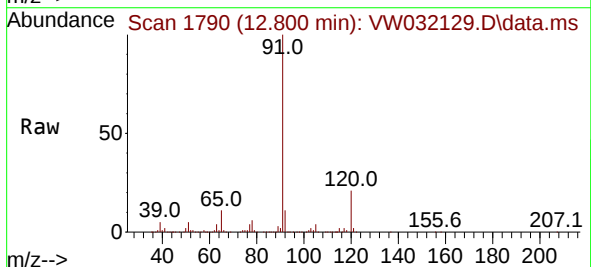
RT: 12.800 min Scan# 1790

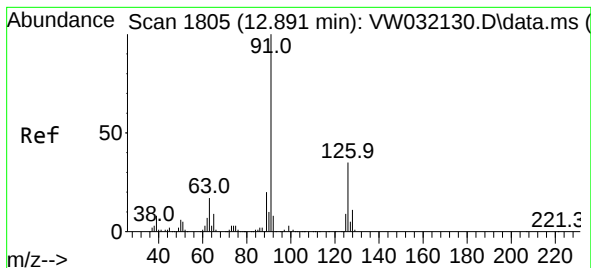
Delta R.T. 0.000 min

Lab File: VW032129.D

Acq: 25 Aug 2025 13:17

Tgt Ion:	91	Resp:	296940
Ion Ratio	Lower	Upper	
91	100		
120	22.2	11.1	33.3





#79

2-Chlorotoluene

Concen: 20.482 ug/l

RT: 12.891 min Scan# 1805

Delta R.T. 0.000 min

Lab File: VW032129.D

Acq: 25 Aug 2025 13:17

Instrument :

MSVOA_W

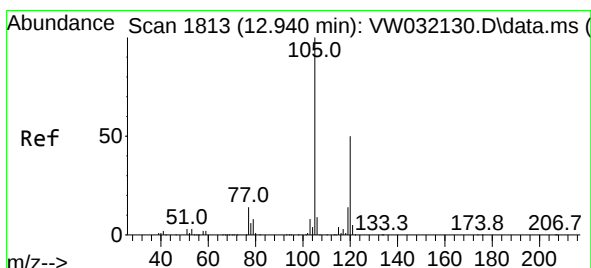
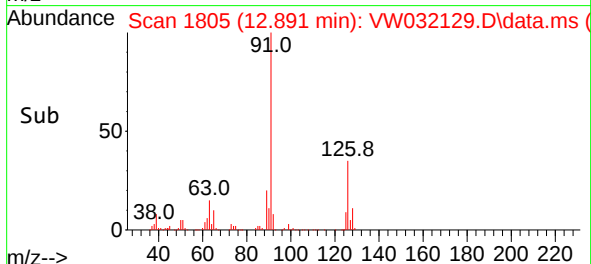
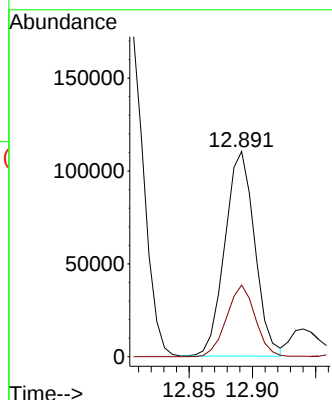
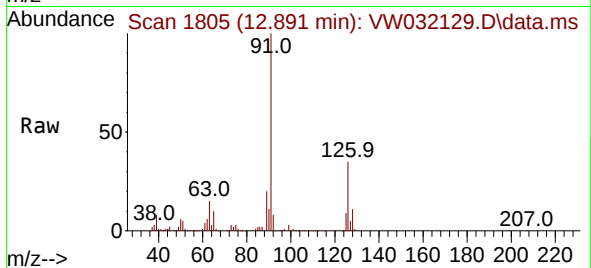
ClientSampleId :

Tgt Ion: 91 Resp: 181010

Ion Ratio Lower Upper

91 100

126 33.6 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 20.237 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW032129.D

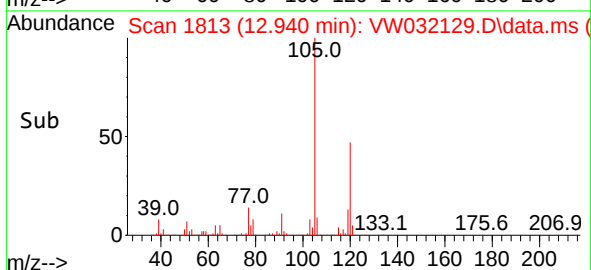
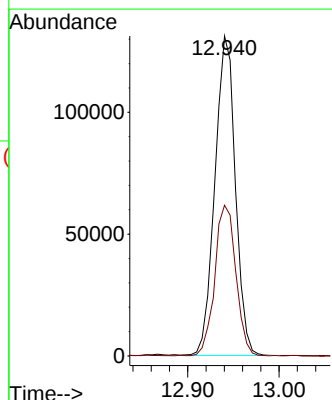
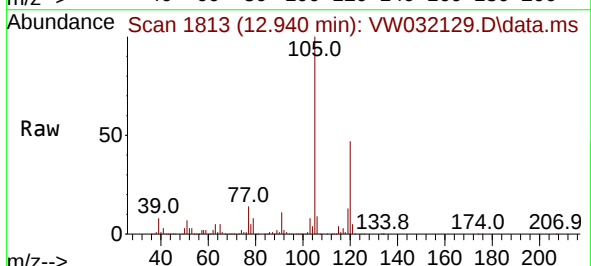
Acq: 25 Aug 2025 13:17

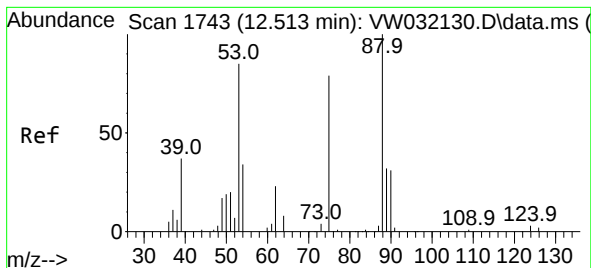
Tgt Ion: 105 Resp: 204034

Ion Ratio Lower Upper

105 100

120 48.6 23.8 71.2

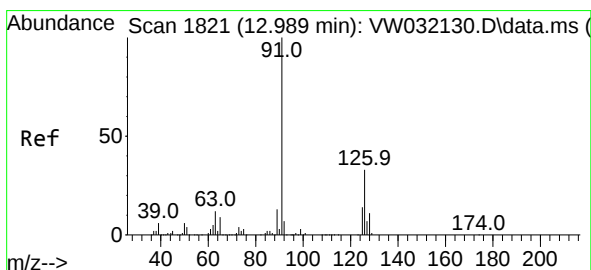
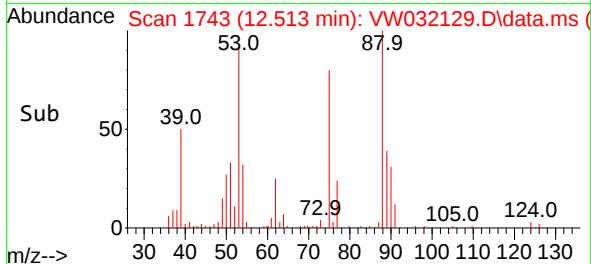
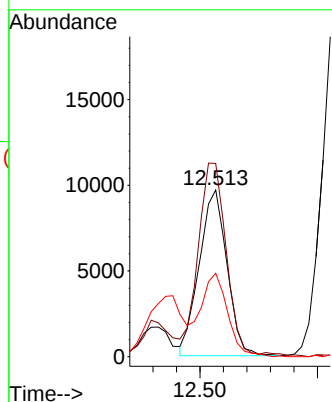
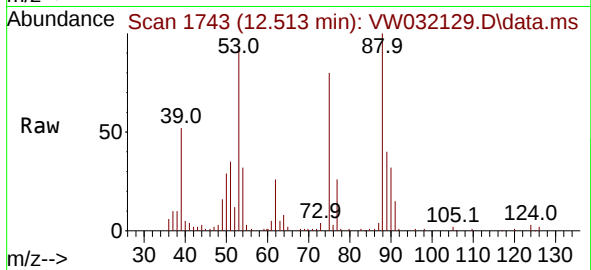




#81
trans-1,4-Dichloro-2-butene
Concen: 19.020 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VW032129.D
Acq: 25 Aug 2025 13:17

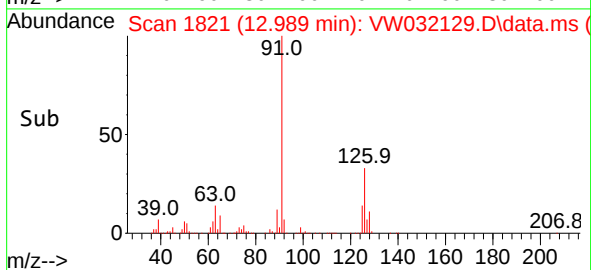
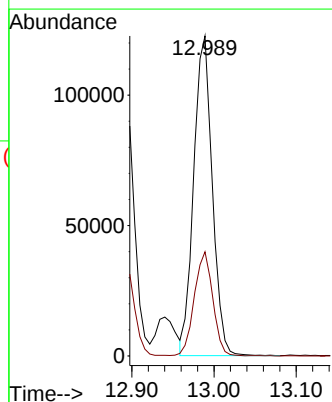
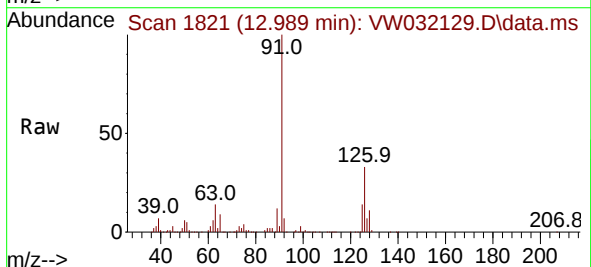
Instrument :
MSVOA_W
ClientSampleId :

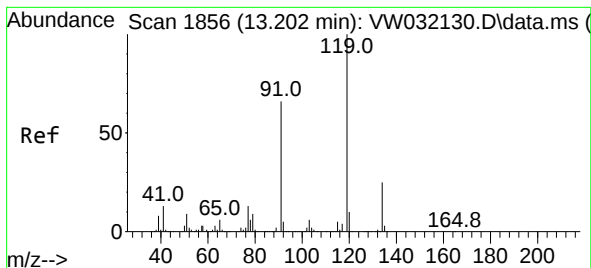
Tgt Ion: 75 Resp: 15863
Ion Ratio Lower Upper
75 100
53 115.4 89.0 133.4
89 49.7 36.6 54.8



#82
4-Chlorotoluene
Concen: 20.562 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VW032129.D
Acq: 25 Aug 2025 13:17

Tgt Ion: 91 Resp: 192030
Ion Ratio Lower Upper
91 100
126 32.4 16.6 49.8





#83

tert-Butylbenzene

Concen: 20.215 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. 0.000 min

Lab File: VW032129.D

Acq: 25 Aug 2025 13:17

Instrument :

MSVOA_W

ClientSampleId :

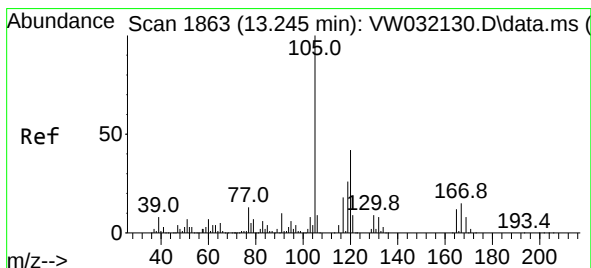
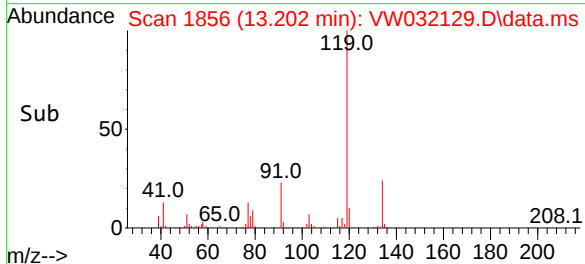
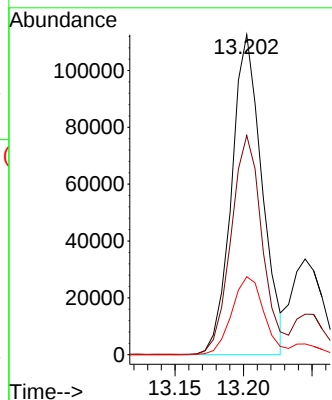
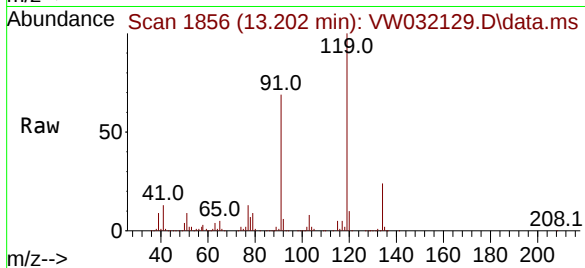
Tgt Ion:119 Resp: 174245

Ion Ratio Lower Upper

119 100

91 70.6 34.5 103.5

134 25.8 12.5 37.5



#84

1,2,4-Trimethylbenzene

Concen: 21.014 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW032129.D

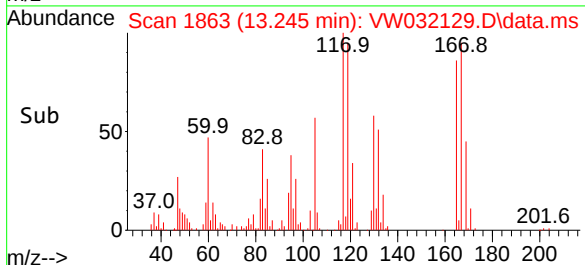
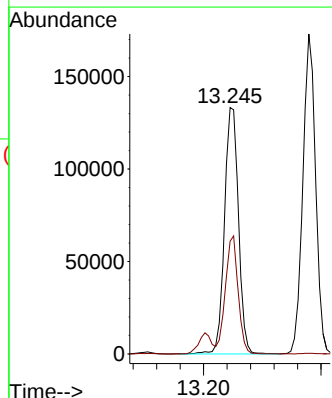
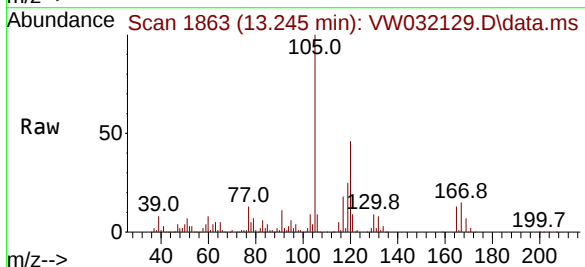
Acq: 25 Aug 2025 13:17

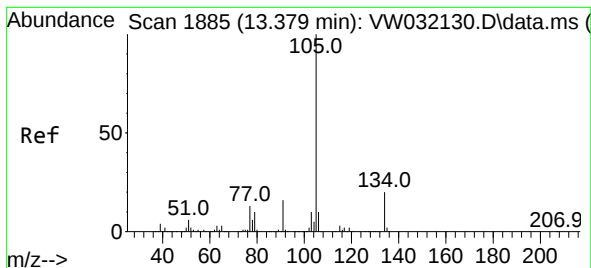
Tgt Ion:105 Resp: 220285

Ion Ratio Lower Upper

105 100

120 43.5 21.8 65.3





#85

sec-Butylbenzene

Concen: 20.261 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VW032129.D

Acq: 25 Aug 2025 13:17

Instrument :

MSVOA_W

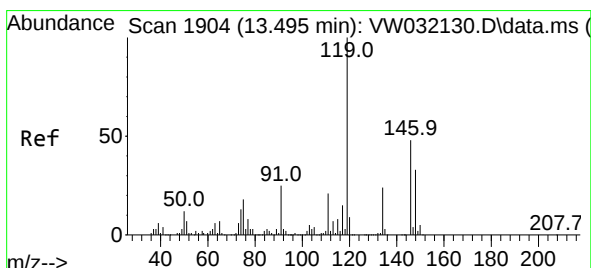
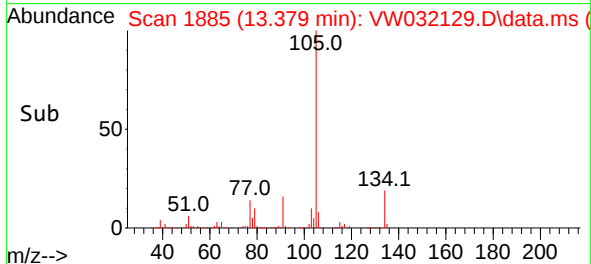
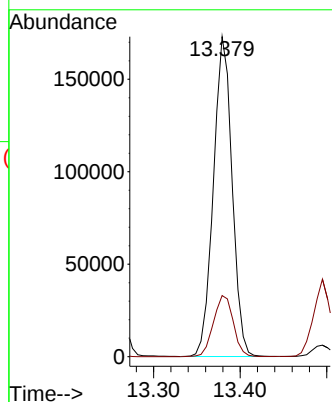
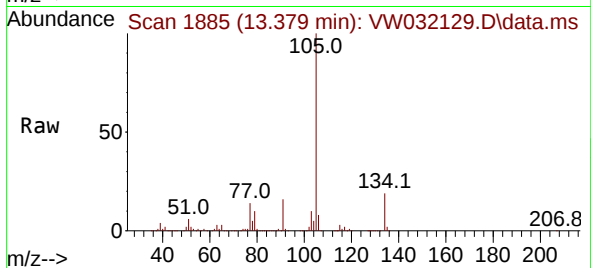
ClientSampleId :

Tgt Ion:105 Resp: 259632

Ion Ratio Lower Upper

105 100

134 20.3 10.0 30.0



#86

p-Isopropyltoluene

Concen: 20.338 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032129.D

Acq: 25 Aug 2025 13:17

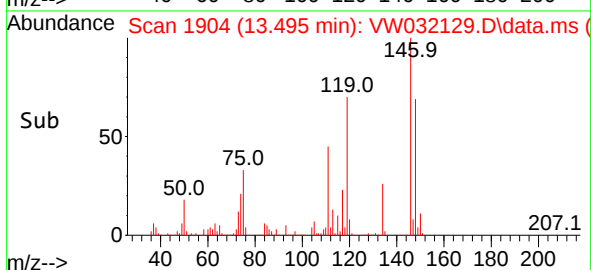
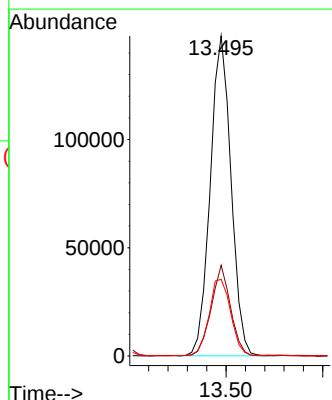
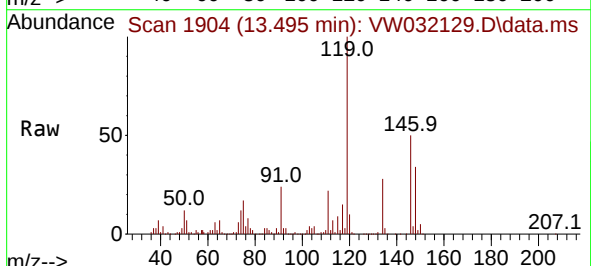
Tgt Ion:119 Resp: 220280

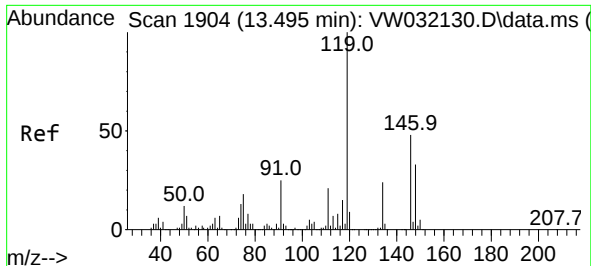
Ion Ratio Lower Upper

119 100

134 26.5 13.6 40.7

91 25.0 12.6 37.8





#87

1,3-Dichlorobenzene

Concen: 20.343 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032129.D

Acq: 25 Aug 2025 13:17

Instrument :

MSVOA_W

ClientSampleId :

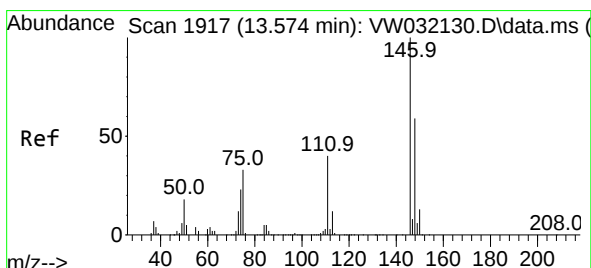
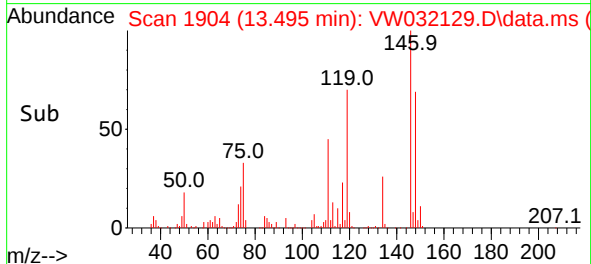
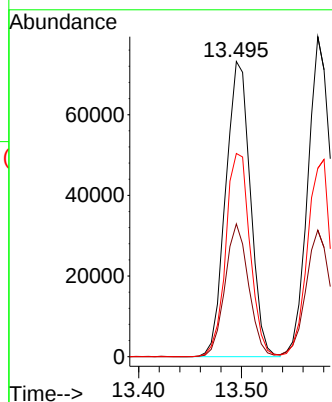
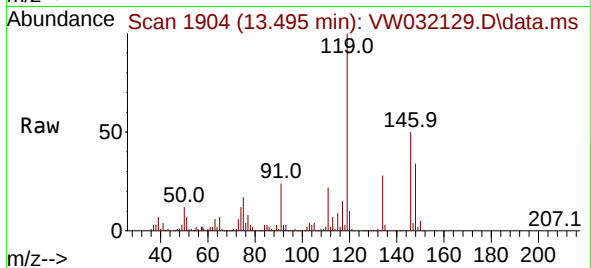
Tgt Ion:146 Resp: 121940

Ion Ratio Lower Upper

146 100

111 43.0 22.2 66.6

148 68.0 33.4 100.2



#88

1,4-Dichlorobenzene

Concen: 20.614 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.006 min

Lab File: VW032129.D

Acq: 25 Aug 2025 13:17

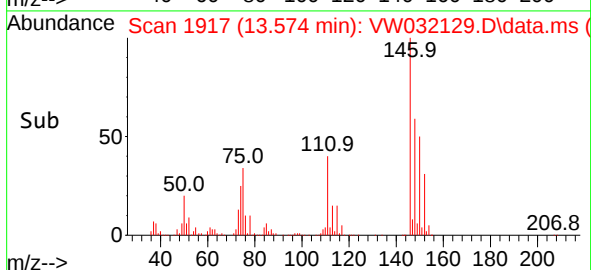
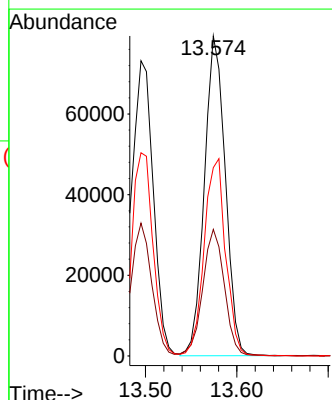
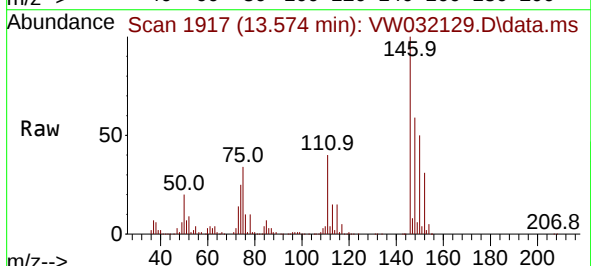
Tgt Ion:146 Resp: 125997

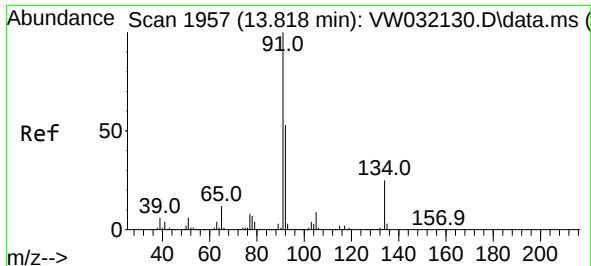
Ion Ratio Lower Upper

146 100

111 41.2 19.4 58.4

148 63.4 31.3 93.9

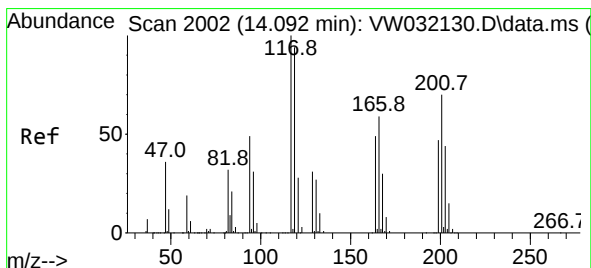
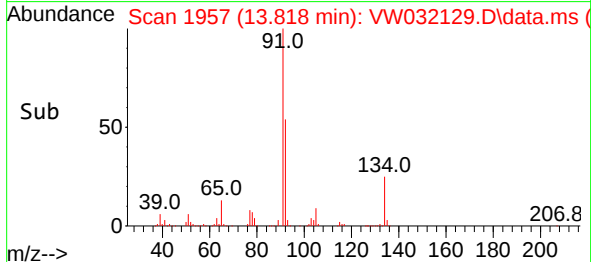
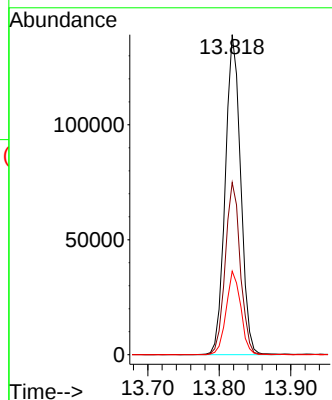
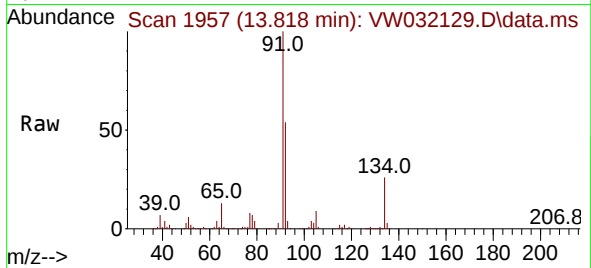




#89
n-Butylbenzene
Concen: 20.012 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW032129.D
Acq: 25 Aug 2025 13:17

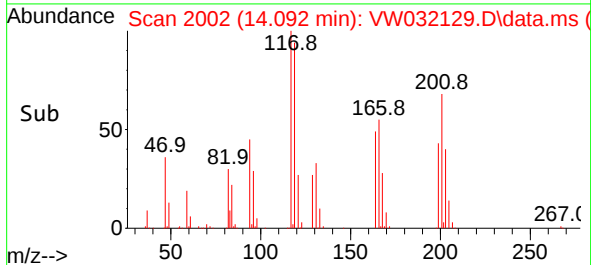
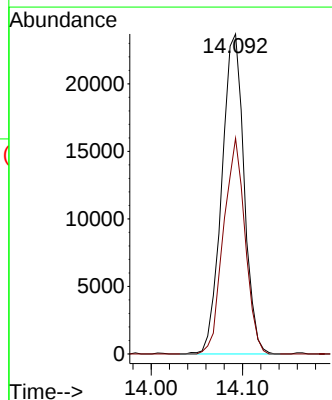
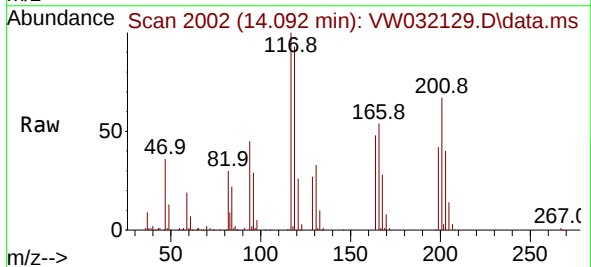
Instrument :
MSVOA_W
ClientSampleId :

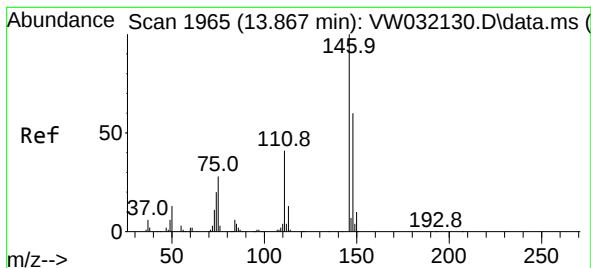
Tgt Ion: 91 Resp: 208183
Ion Ratio Lower Upper
91 100
92 52.5 26.3 78.9
134 24.7 12.2 36.4



#90
Hexachloroethane
Concen: 20.165 ug/l
RT: 14.092 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VW032129.D
Acq: 25 Aug 2025 13:17

Tgt Ion: 117 Resp: 40149
Ion Ratio Lower Upper
117 100
201 65.3 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 19.735 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW032129.D

Acq: 25 Aug 2025 13:17

Instrument :

MSVOA_W

ClientSampleId :

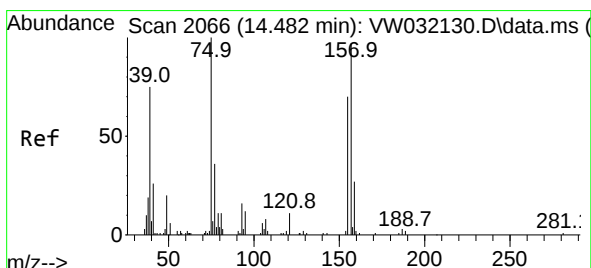
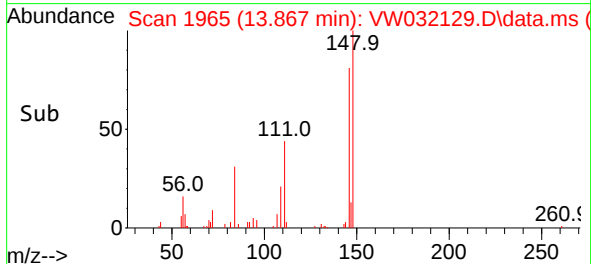
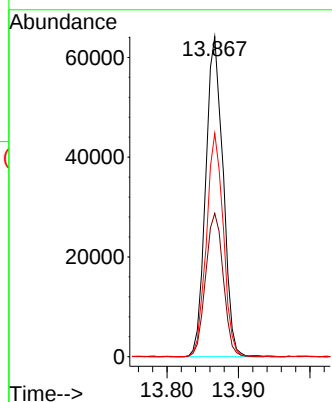
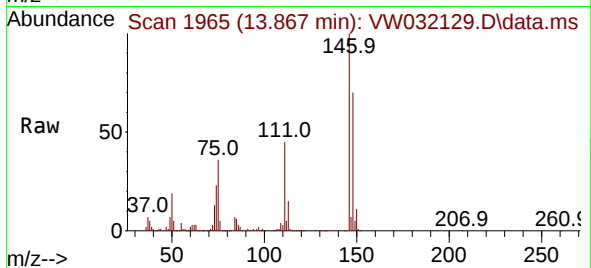
Tgt Ion:146 Resp: 108083

Ion Ratio Lower Upper

146 100

111 45.5 20.9 62.8

148 68.1 31.3 93.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.752 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW032129.D

Acq: 25 Aug 2025 13:17

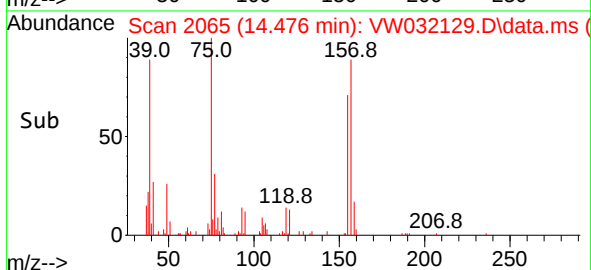
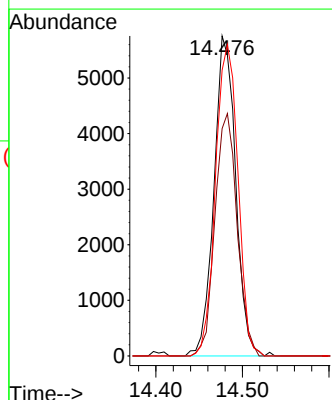
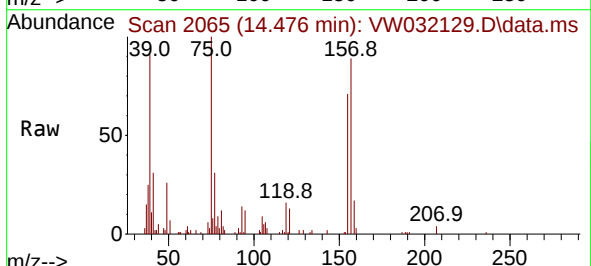
Tgt Ion: 75 Resp: 10012

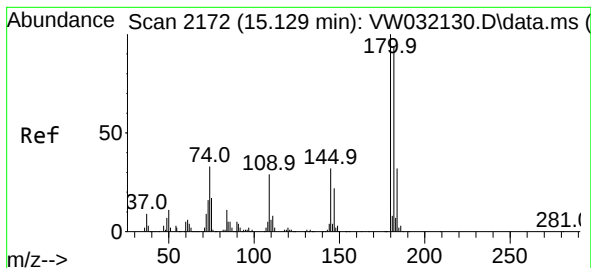
Ion Ratio Lower Upper

75 100

155 77.7 37.5 112.7

157 100.4 50.6 151.8





#93

1,2,4-Trichlorobenzene

Concen: 20.102 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW032129.D

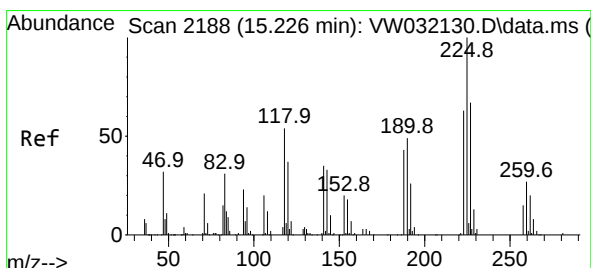
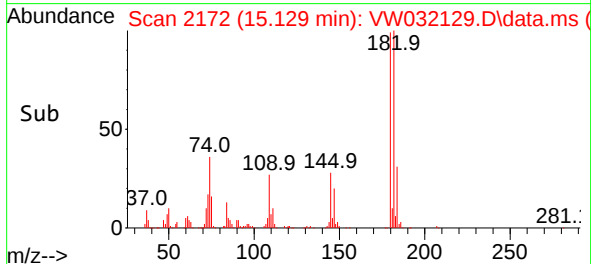
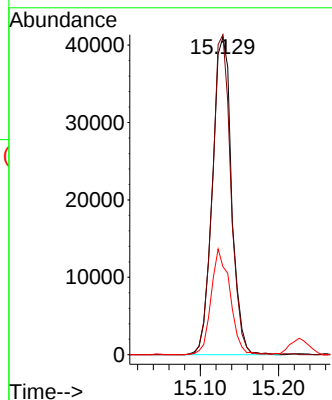
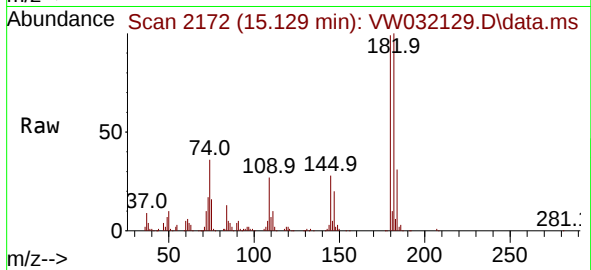
Acq: 25 Aug 2025 13:17

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180	Resp:	69505
Ion Ratio	Lower	Upper
180	100	
182	97.5	46.1 138.2
145	33.0	15.7 47.1



#94

Hexachlorobutadiene

Concen: 20.615 ug/l

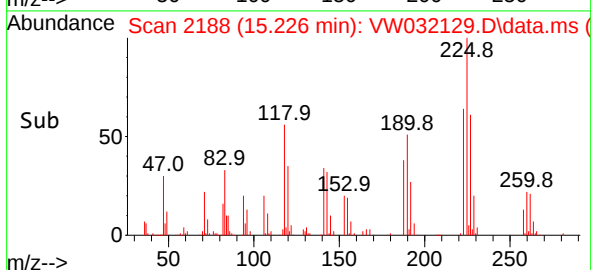
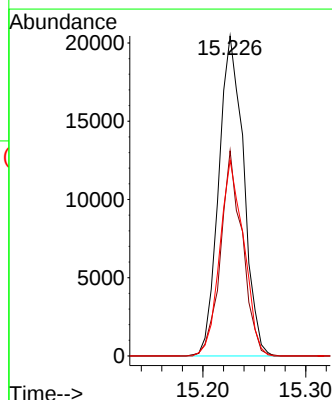
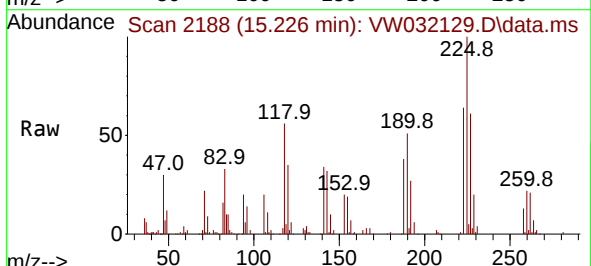
RT: 15.226 min Scan# 2188

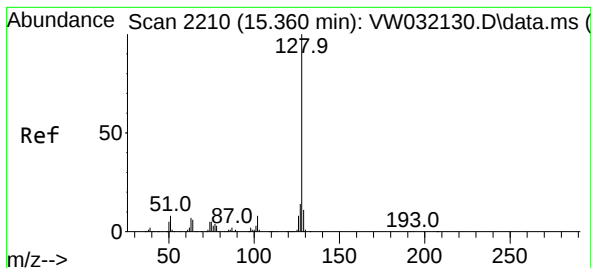
Delta R.T. 0.000 min

Lab File: VW032129.D

Acq: 25 Aug 2025 13:17

Tgt Ion:225	Resp:	34325
Ion Ratio	Lower	Upper
225	100	
223	56.2	32.3 96.9
227	59.1	32.1 96.5





#95

Naphthalene

Concen: 19.421 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW032129.D

Acq: 25 Aug 2025 13:17

Instrument :

MSVOA_W

ClientSampleId :

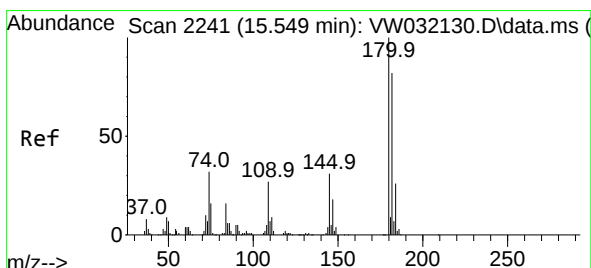
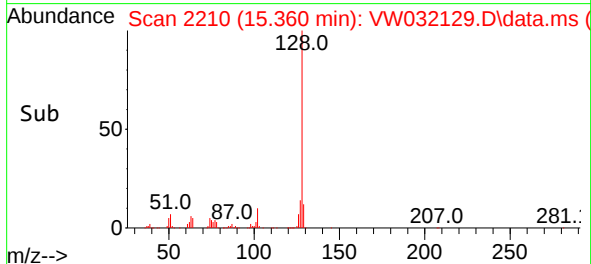
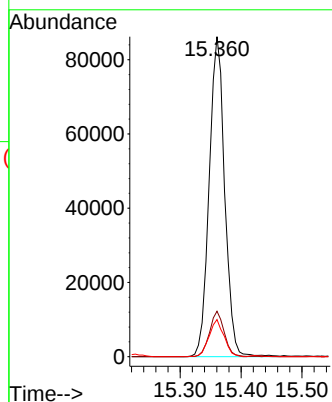
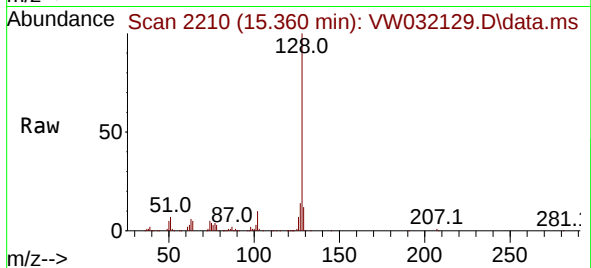
Tgt Ion:128 Resp: 152875

Ion Ratio Lower Upper

128 100

127 13.5 10.6 15.8

129 11.2 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 19.453 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW032129.D

Acq: 25 Aug 2025 13:17

Tgt Ion:180 Resp: 62170

Ion Ratio Lower Upper

180 100

182 96.9 45.3 135.8

145 35.7 17.2 51.5

