

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092425\
 Data File : VW032243.D
 Acq On : 24 Sep 2025 15:03
 Operator : SY/MD
 Sample : VW0924SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0924SBS01

Quant Time: Sep 25 05:04:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 27 04:13:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	188130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	324992	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	301220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	167865	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	133448	49.600	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	99.200%
35) Dibromofluoromethane	7.904	113	116929	51.282	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	102.560%
50) Toluene-d8	10.325	98	393556	49.168	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	98.340%
62) 4-Bromofluorobenzene	12.617	95	145892	49.290	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	98.580%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	25719	20.706	ug/l	96
3) Chloromethane	2.253	50	25465	19.554	ug/l	99
4) Vinyl Chloride	2.405	62	35099	20.750	ug/l	92
5) Bromomethane	2.820	94	30863	20.432	ug/l	99
6) Chloroethane	2.966	64	23986	20.136	ug/l	99
7) Trichlorofluoromethane	3.301	101	27981	16.695	ug/l	99
8) Diethyl Ether	3.722	74	25355	20.273	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.100	101	38533	20.410	ug/l	98
10) Methyl Iodide	4.307	142	59021	20.531	ug/l	100
11) Tert butyl alcohol	5.216	59	13291	80.761	ug/l #	85
12) 1,1-Dichloroethene	4.070	96	40831	20.536	ug/l	94
13) Acrolein	3.929	56	8596	33.980	ug/l	92
14) Allyl chloride	4.704	41	53110	18.805	ug/l	98
15) Acrylonitrile	5.405	53	58554	96.294	ug/l	98
16) Acetone	4.161	43	65626	112.627	ug/l	92
17) Carbon Disulfide	4.417	76	92232	18.547	ug/l	97
18) Methyl Acetate	4.710	43	38105	20.525	ug/l	97
19) Methyl tert-butyl Ether	5.466	73	71903	19.151	ug/l	97
20) Methylene Chloride	4.948	84	54029	19.989	ug/l	98
21) trans-1,2-Dichloroethene	5.454	96	45500	20.485	ug/l	91
22) Diisopropyl ether	6.338	45	123292	20.058	ug/l	96
23) Vinyl Acetate	6.283	43	382205	91.454	ug/l	98
24) 1,1-Dichloroethane	6.246	63	81848	20.339	ug/l	98
25) 2-Butanone	7.197	43	79607	96.413	ug/l	97
26) 2,2-Dichloropropane	7.191	77	42044	19.729	ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	54116	20.022	ug/l	98
28) Bromochloromethane	7.532	49	38581	20.944	ug/l	98
29) Tetrahydrofuran	7.557	42	48708	92.832	ug/l	98
30) Chloroform	7.691	83	94126	20.487	ug/l	93
31) Cyclohexane	7.971	56	62247	18.846	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	68192	20.332	ug/l	99
36) 1,1-Dichloropropene	8.093	75	57438	19.429	ug/l	97
37) Ethyl Acetate	7.276	43	34736	19.586	ug/l	99
38) Carbon Tetrachloride	8.081	117	62396	19.688	ug/l	97
39) Methylcyclohexane	9.343	83	64790	18.503	ug/l	98
40) Benzene	8.337	78	186114	20.366	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	19269	19.556	ug/l	91
42) 1,2-Dichloroethane	8.410	62	65566	20.696	ug/l	99
43) Isopropyl Acetate	8.435	43	59814	17.978	ug/l	98
44) Trichloroethene	9.105	130	45897	19.971	ug/l	87
45) 1,2-Dichloropropane	9.374	63	45250	20.541	ug/l	97
46) Dibromomethane	9.465	93	31539	20.412	ug/l	98
47) Bromodichloromethane	9.654	83	70957	20.208	ug/l	99
48) Methyl methacrylate	9.441	41	27666	18.044	ug/l	93
49) 1,4-Dioxane	9.465	88	7177	384.439	ug/l #	71
51) 4-Methyl-2-Pentanone	10.215	43	180166	95.902	ug/l	98
52) Toluene	10.392	92	122386	20.494	ug/l	99
53) t-1,3-Dichloropropene	10.611	75	59593	19.239	ug/l	96
54) cis-1,3-Dichloropropene	10.081	75	69975	19.798	ug/l	100
55) 1,1,2-Trichloroethane	10.788	97	41248	20.529	ug/l	88
56) Ethyl methacrylate	10.648	69	46712	18.185	ug/l	98
57) 1,3-Dichloropropane	10.934	76	66073	19.639	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	132038	96.303	ug/l	100
59) 2-Hexanone	10.971	43	124975	95.652	ug/l	98
60) Dibromochloromethane	11.129	129	47769	19.648	ug/l	96
61) 1,2-Dibromoethane	11.239	107	39041	19.759	ug/l	98
64) Tetrachloroethene	10.861	164	40975	20.668	ug/l	95
65) Chlorobenzene	11.660	112	136077	19.847	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.733	131	47500	21.043	ug/l	94
67) Ethyl Benzene	11.733	91	221550	19.722	ug/l	97
68) m/p-Xylenes	11.837	106	176714	40.874	ug/l	100
69) o-Xylene	12.166	106	81258	19.870	ug/l	100
70) Styrene	12.178	104	146130	20.271	ug/l	98
71) Bromoform	12.349	173	26907	20.070	ug/l #	97
73) Isopropylbenzene	12.464	105	207681	18.211	ug/l	99
74) N-amyl acetate	12.269	43	53951	16.295	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	51924	19.159	ug/l	98
76) 1,2,3-Trichloropropane	12.769	75	60992	29.002	ug/l #	1
77) Bromobenzene	12.745	156	54082	18.597	ug/l	94
78) n-propylbenzene	12.800	91	256934	18.557	ug/l	99
79) 2-Chlorotoluene	12.891	91	157454	18.597	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	183385	18.993	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.507	75	13307	17.037	ug/l	96
82) 4-Chlorotoluene	12.989	91	170841	18.851	ug/l	98
83) tert-Butylbenzene	13.202	119	147545	18.022	ug/l	96
84) 1,2,4-Trimethylbenzene	13.245	105	189842	19.004	ug/l	100
85) sec-Butylbenzene	13.379	105	226231	18.508	ug/l	99
86) p-Isopropyltoluene	13.495	119	187801	18.067	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	114521	19.558	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	115750	19.721	ug/l	97
89) n-Butylbenzene	13.818	91	179474	18.110	ug/l	98
90) Hexachloroethane	14.086	117	34957	18.385	ug/l	96
91) 1,2-Dichlorobenzene	13.867	146	104149	20.089	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.482	75	8590	17.941	ug/l	92
93) 1,2,4-Trichlorobenzene	15.123	180	61818	18.663	ug/l	98
94) Hexachlorobutadiene	15.232	225	32015	19.489	ug/l	99
95) Naphthalene	15.360	128	126413	16.864	ug/l	99
96) 1,2,3-Trichlorobenzene	15.543	180	56366	18.298	ug/l	96

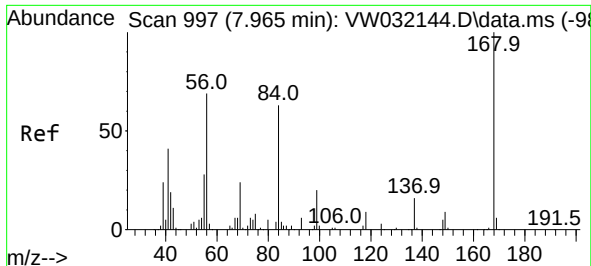
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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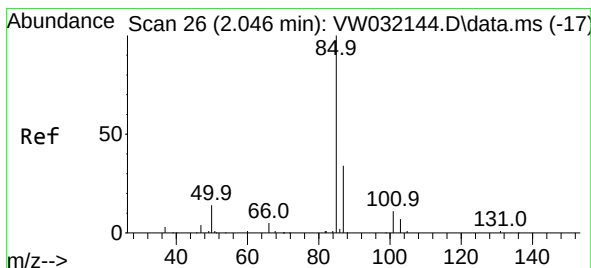
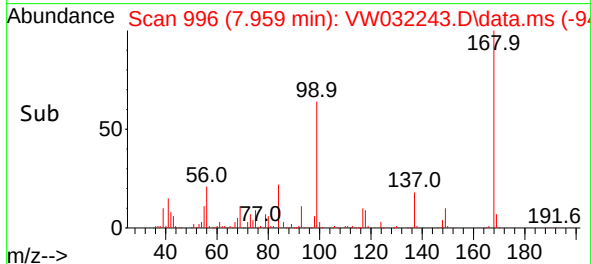
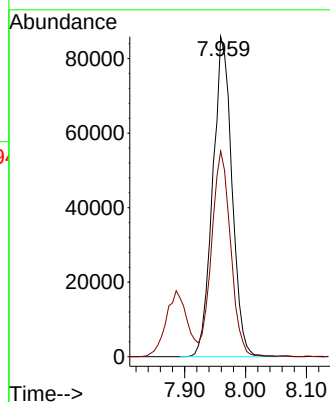
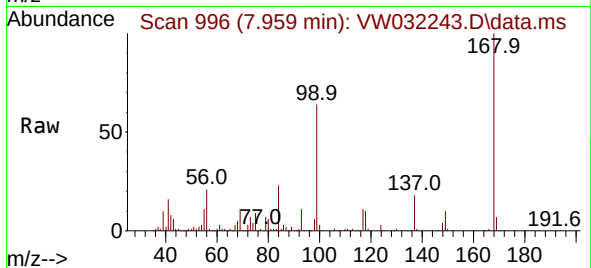
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
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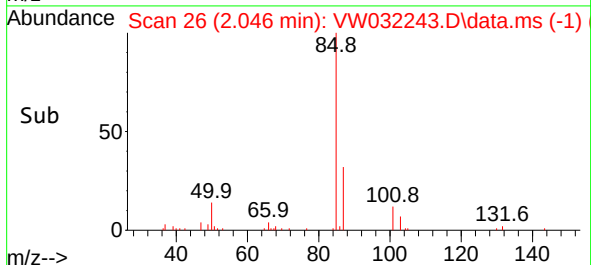
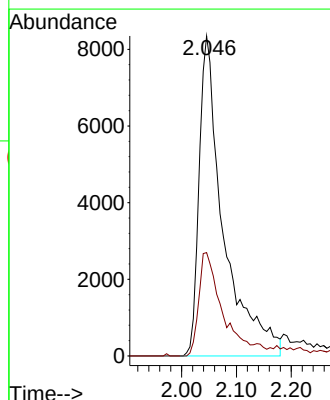
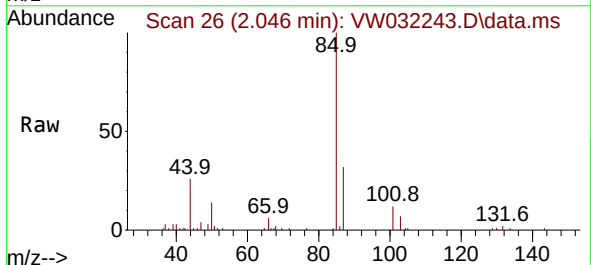
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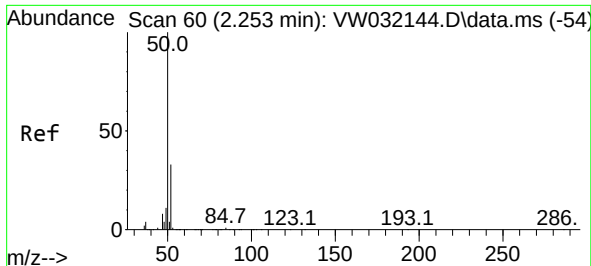
Tgt Ion:168 Resp: 188130
Ion Ratio Lower Upper
168 100
99 64.1 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 20.706 ug/l
RT: 2.046 min Scan# 26
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 85 Resp: 25719
Ion Ratio Lower Upper
85 100
87 32.3 17.2 51.6

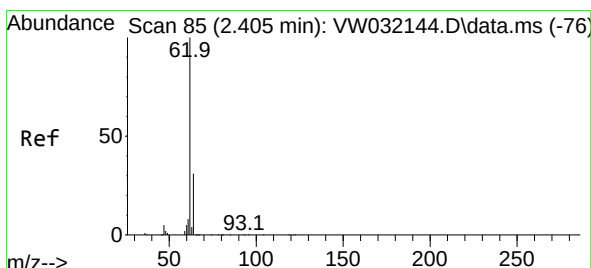
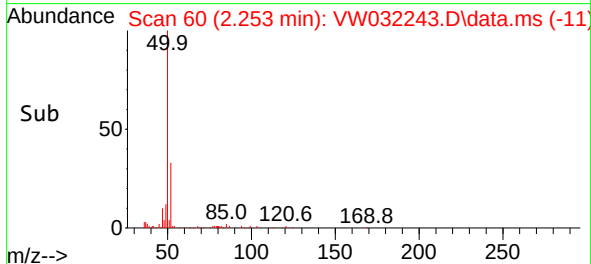
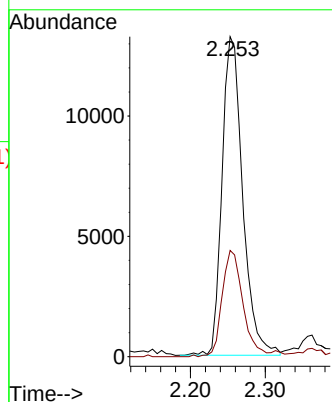
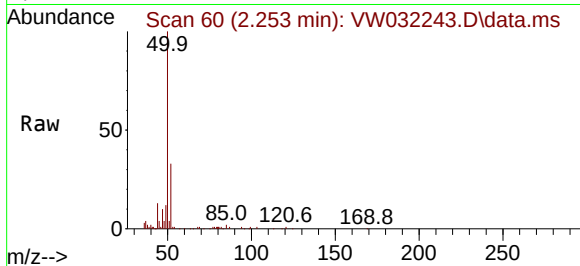




#3
Chloromethane
Concen: 19.554 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

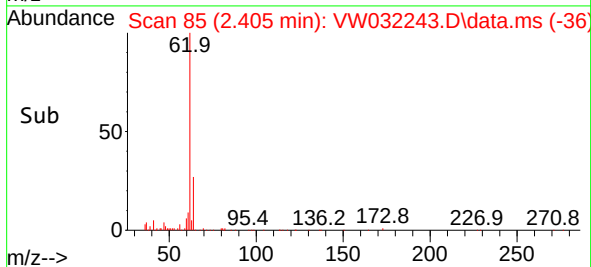
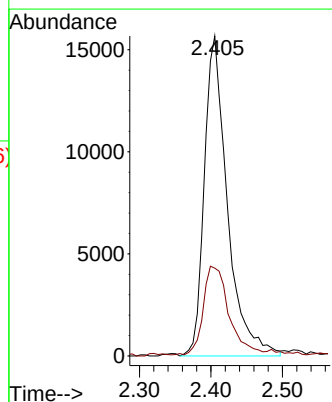
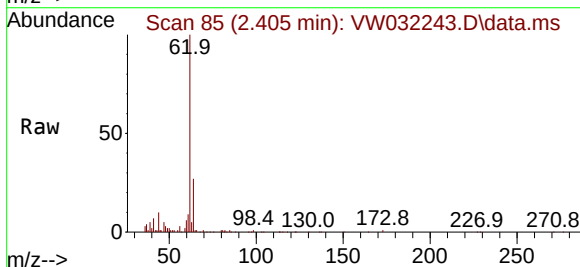
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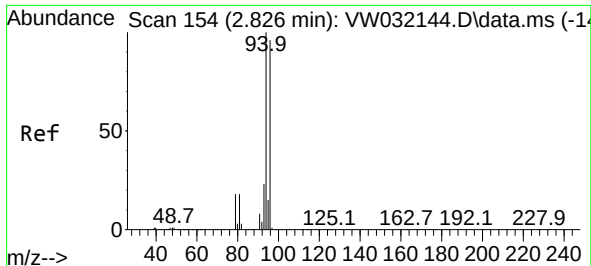
Tgt Ion: 50 Resp: 25465
Ion Ratio Lower Upper
50 100
52 33.3 26.1 39.1



#4
Vinyl Chloride
Concen: 20.750 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 62 Resp: 35099
Ion Ratio Lower Upper
62 100
64 26.7 24.8 37.2

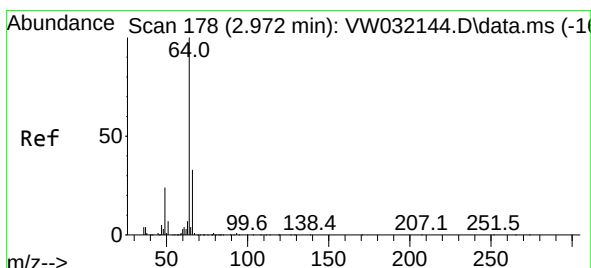
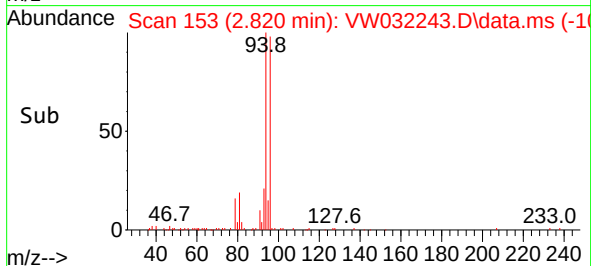
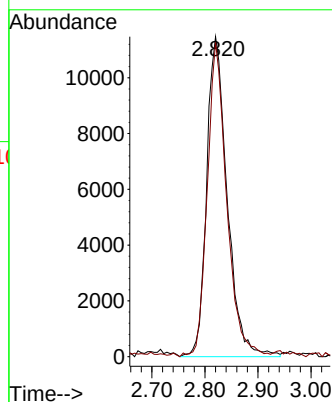
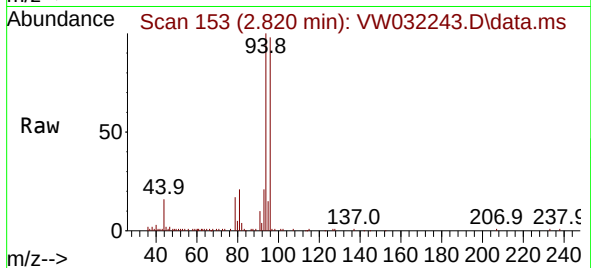




#5
Bromomethane
Concen: 20.432 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

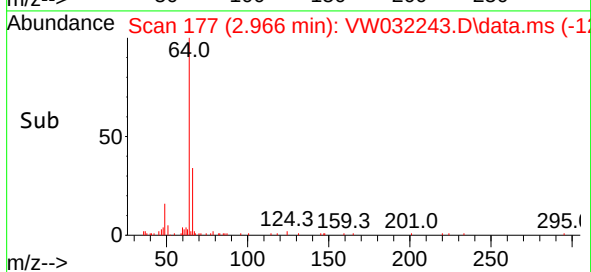
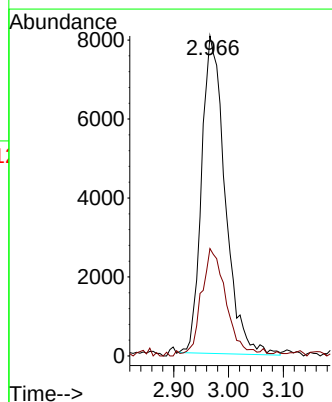
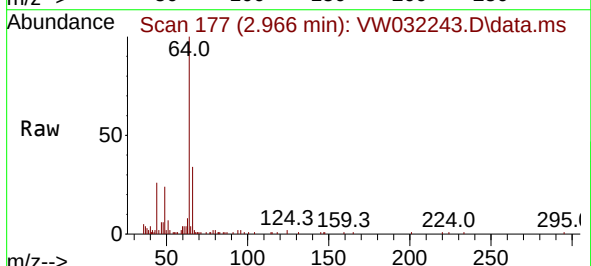
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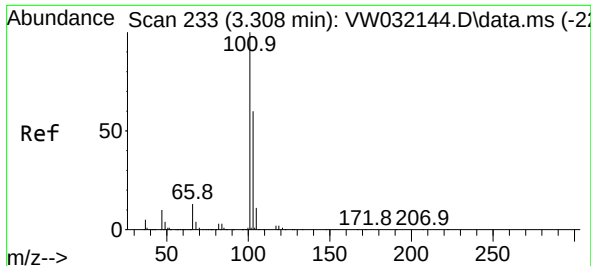
Tgt Ion: 94 Resp: 30863
Ion Ratio Lower Upper
94 100
96 97.2 76.6 115.0



#6
Chloroethane
Concen: 20.136 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 64 Resp: 23986
Ion Ratio Lower Upper
64 100
66 33.1 26.2 39.4

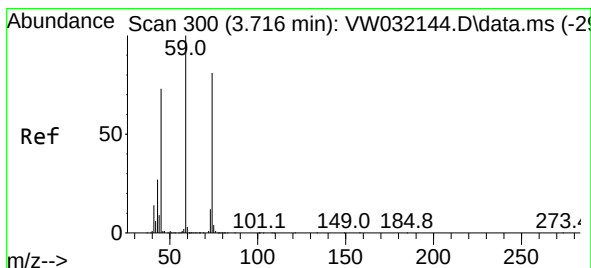
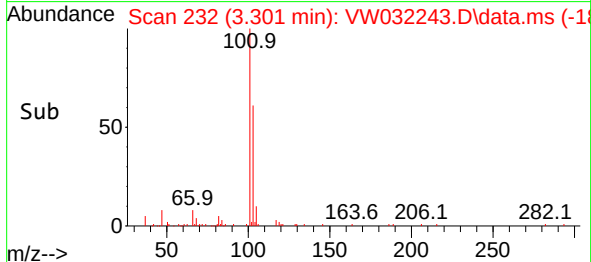
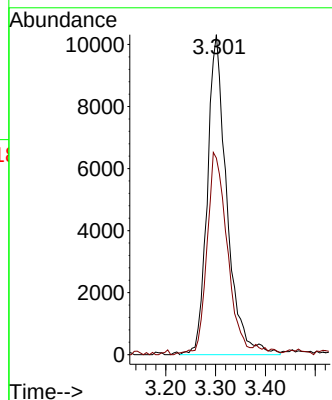
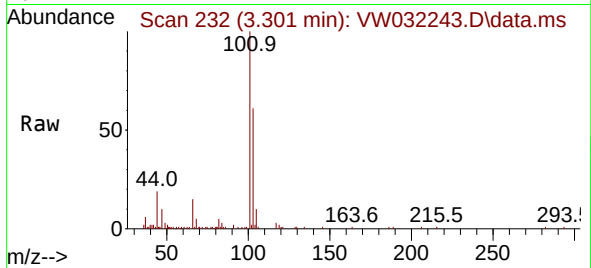




#7
 Trichlorofluoromethane
 Concen: 16.695 ug/l
 RT: 3.301 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW032243.D
 Acq: 24 Sep 2025 15:03

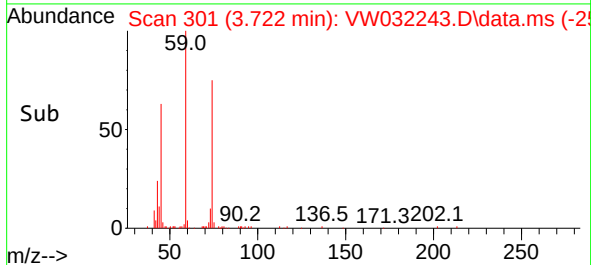
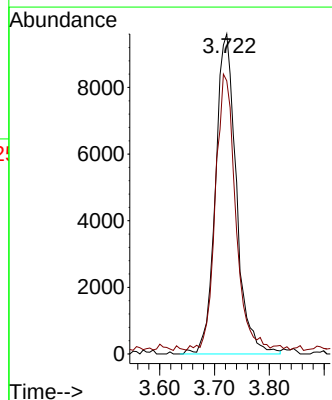
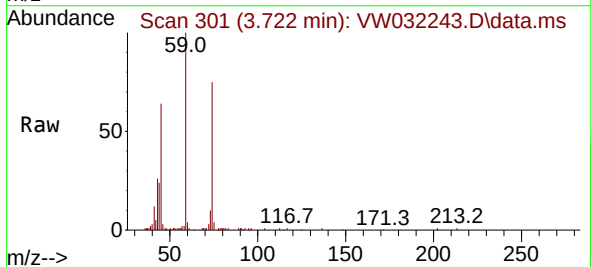
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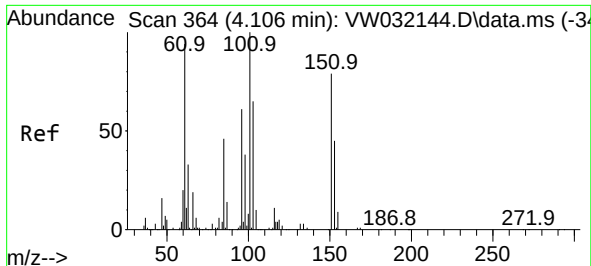
Tgt Ion:101 Resp: 27981
 Ion Ratio Lower Upper
 101 100
 103 60.9 47.8 71.8



#8
 Diethyl Ether
 Concen: 20.273 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.006 min
 Lab File: VW032243.D
 Acq: 24 Sep 2025 15:03

Tgt Ion: 74 Resp: 25355
 Ion Ratio Lower Upper
 74 100
 45 83.4 43.1 129.4

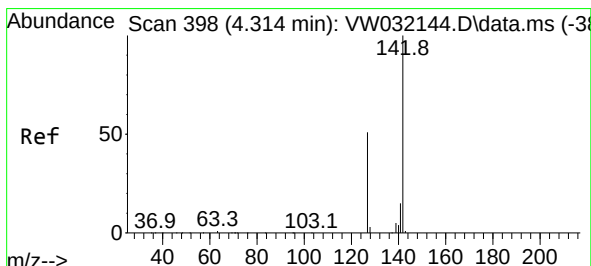
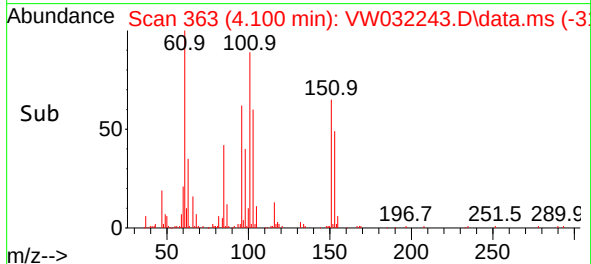
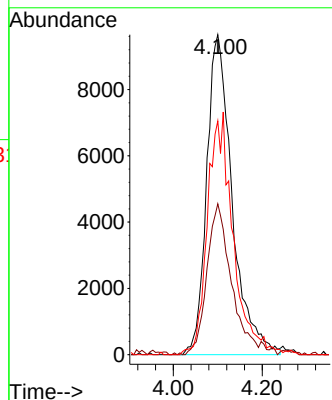
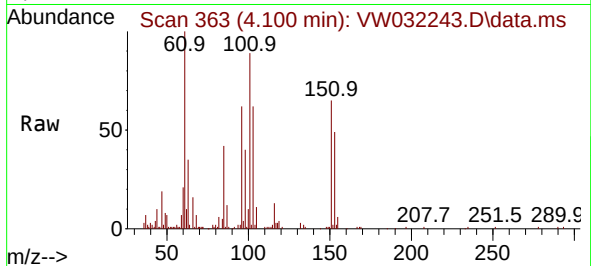




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.410 ug/l
RT: 4.100 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW032243.D
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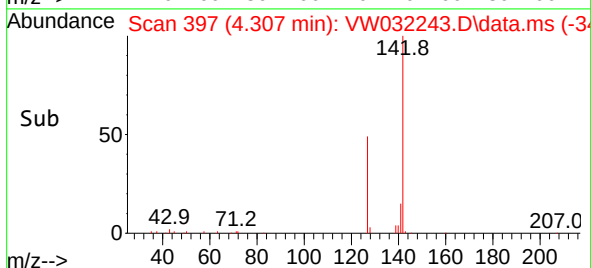
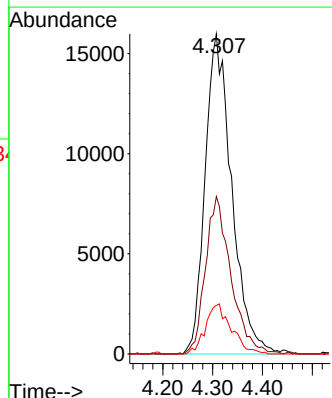
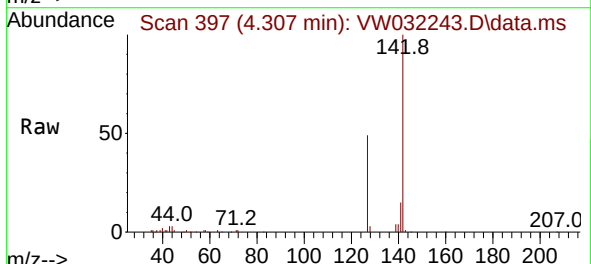
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ClientSampleId :
VW0924SBS01

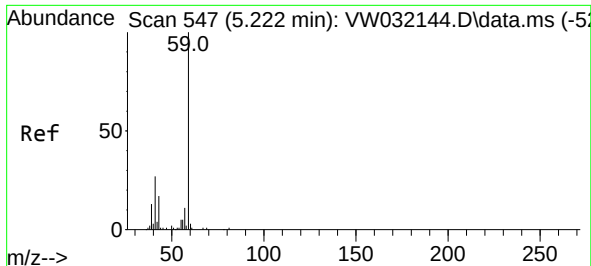
Tgt Ion:101 Resp: 38533
Ion Ratio Lower Upper
101 100
85 44.7 37.1 55.7
151 75.6 61.5 92.3



#10
Methyl Iodide
Concen: 20.531 ug/l
RT: 4.307 min Scan# 397
Delta R.T. -0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion:142 Resp: 59021
Ion Ratio Lower Upper
142 100
127 47.3 38.2 57.2
141 15.2 12.2 18.2

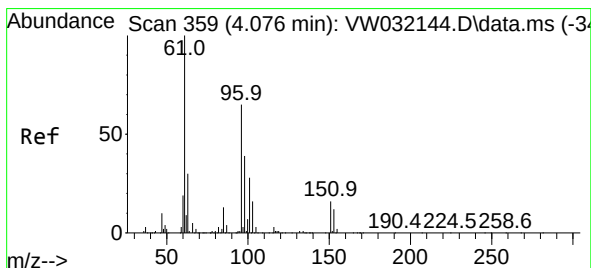
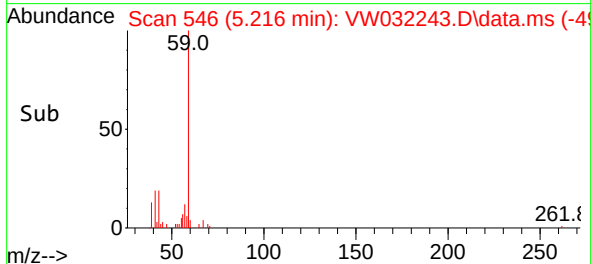
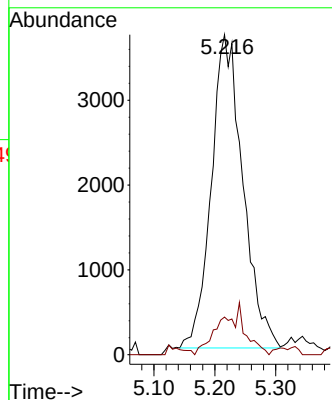
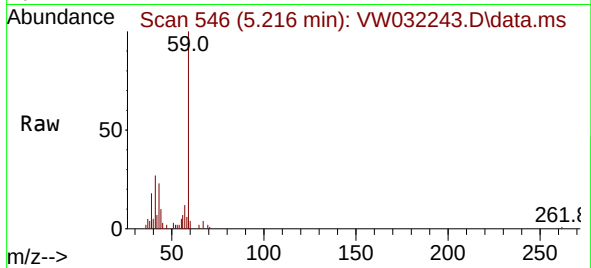




#11
Tert butyl alcohol
Concen: 80.761 ug/l
RT: 5.216 min Scan# 546
Delta R.T. -0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

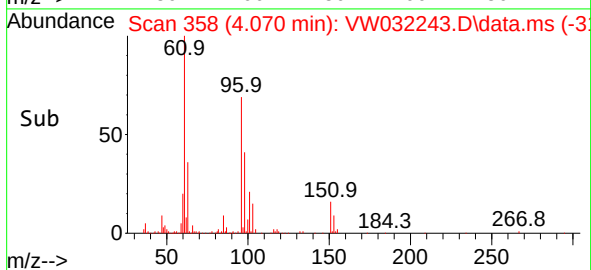
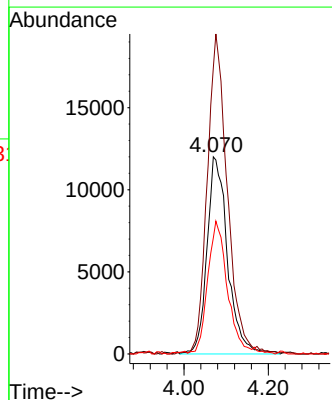
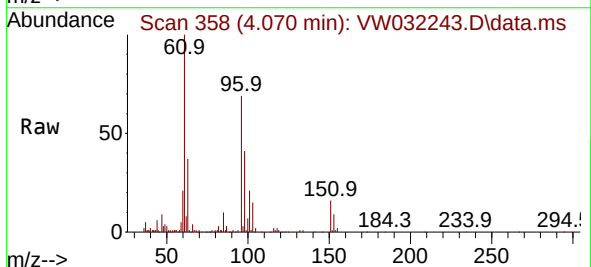
Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

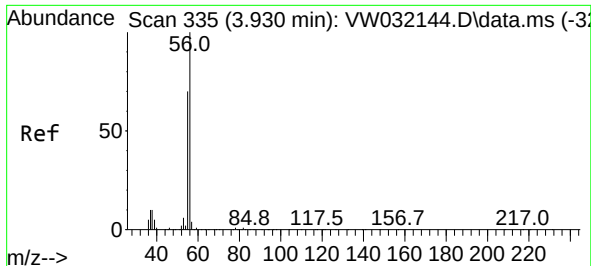
Tgt Ion: 59 Resp: 13291
Ion Ratio Lower Upper
59 100
57 6.4 9.8 14.6#



#12
1,1-Dichloroethene
Concen: 20.536 ug/l
RT: 4.070 min Scan# 358
Delta R.T. -0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 96 Resp: 40831
Ion Ratio Lower Upper
96 100
61 144.5 123.0 184.4
98 58.0 48.5 72.7

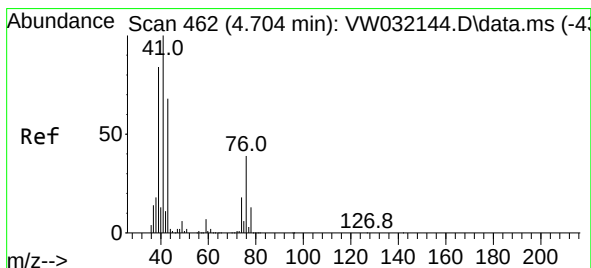
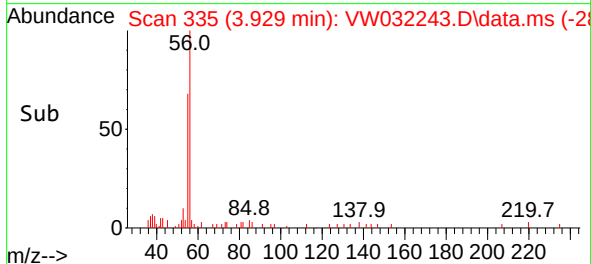
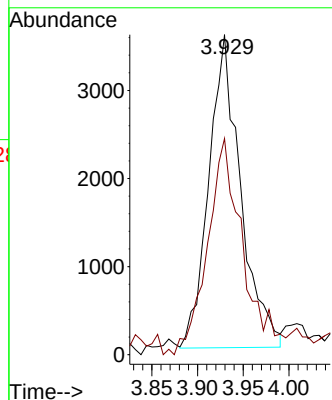
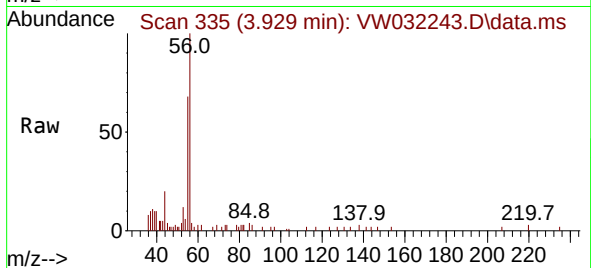




#13
Acrolein
Concen: 33.980 ug/l
RT: 3.929 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

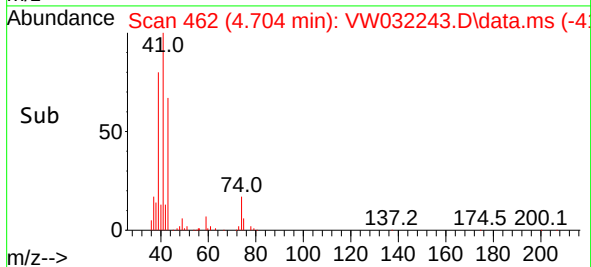
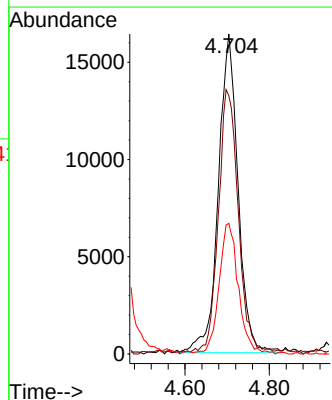
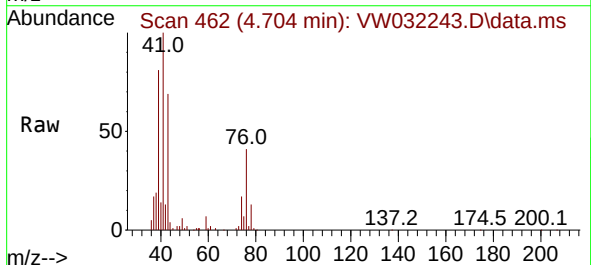
Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

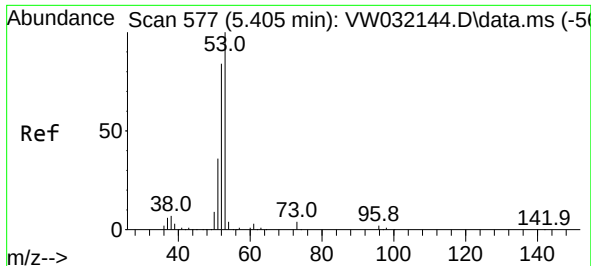
Tgt Ion: 56 Resp: 8596
Ion Ratio Lower Upper
56 100
55 77.0 56.4 84.6



#14
Allyl chloride
Concen: 18.805 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 41 Resp: 53110
Ion Ratio Lower Upper
41 100
39 82.1 64.1 96.1
76 40.3 31.4 47.2

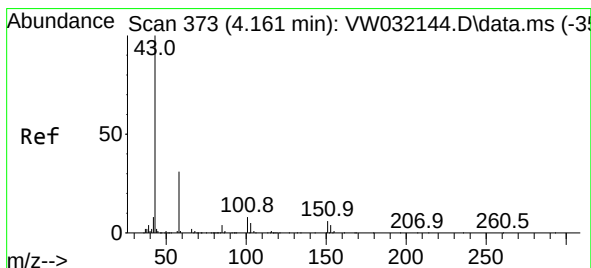
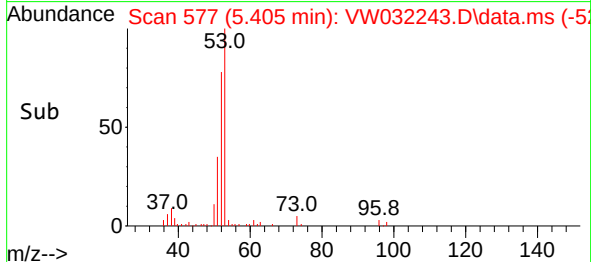
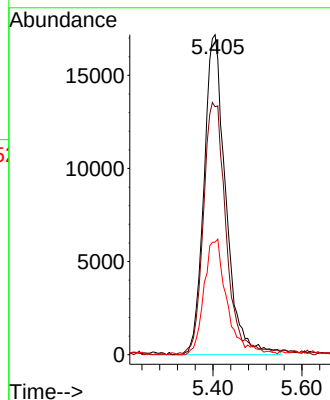
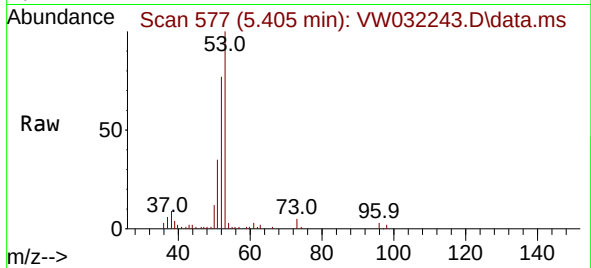




#15
Acrylonitrile
Concen: 96.294 ug/l
RT: 5.405 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

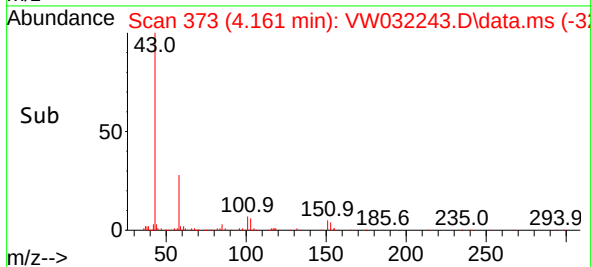
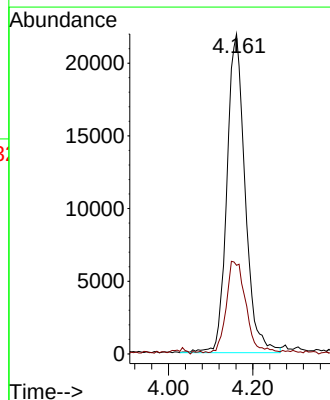
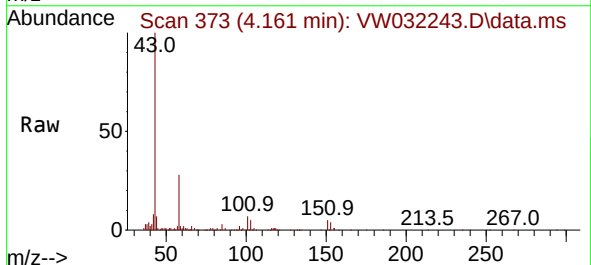
Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

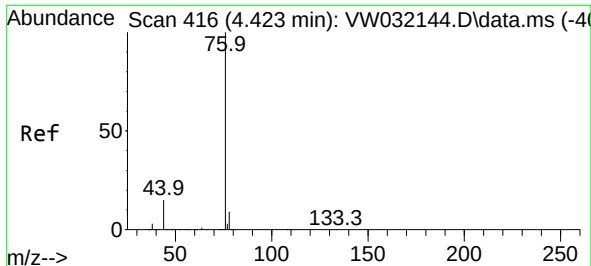
Tgt Ion: 53 Resp: 58554
Ion Ratio Lower Upper
53 100
52 82.2 67.4 101.2
51 38.2 30.3 45.5



#16
Acetone
Concen: 112.627 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 43 Resp: 65626
Ion Ratio Lower Upper
43 100
58 27.1 25.3 37.9

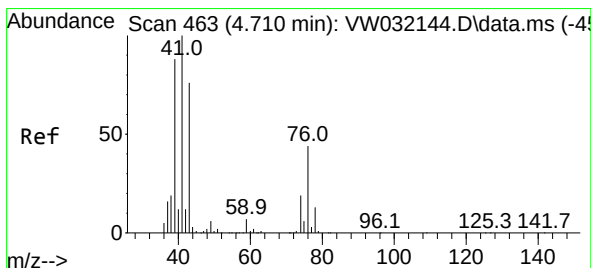
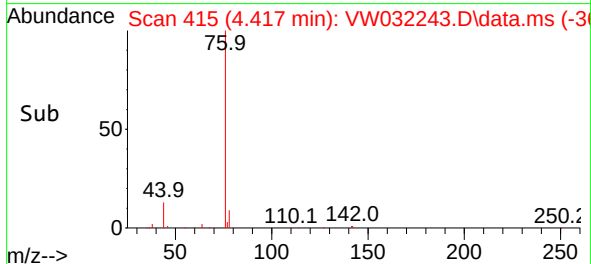
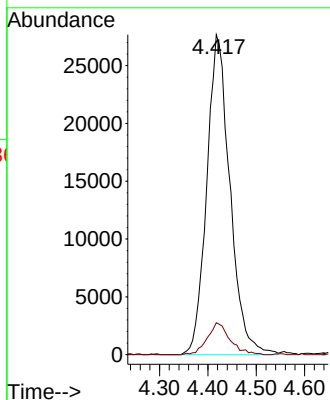
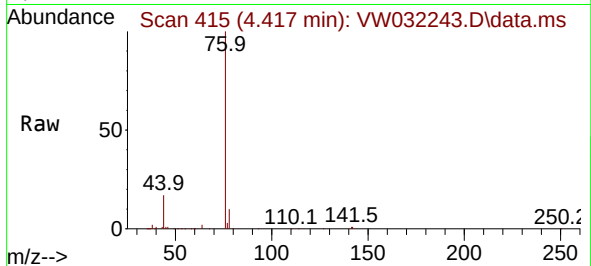




#17
Carbon Disulfide
Concen: 18.547 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

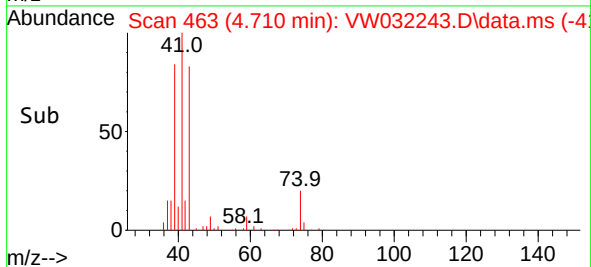
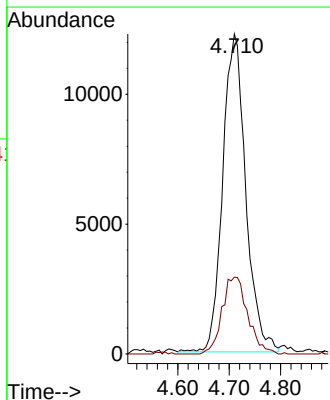
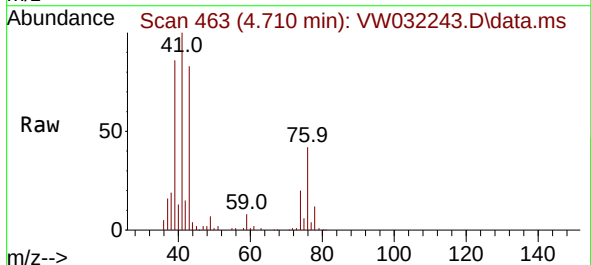
Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

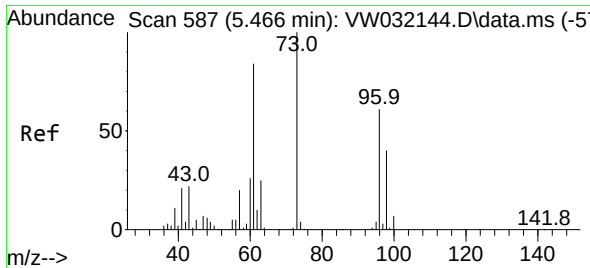
Tgt Ion: 76 Resp: 92232
Ion Ratio Lower Upper
76 100
78 10.0 7.0 10.6



#18
Methyl Acetate
Concen: 20.525 ug/l
RT: 4.710 min Scan# 463
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 43 Resp: 38105
Ion Ratio Lower Upper
43 100
74 26.9 20.2 30.4

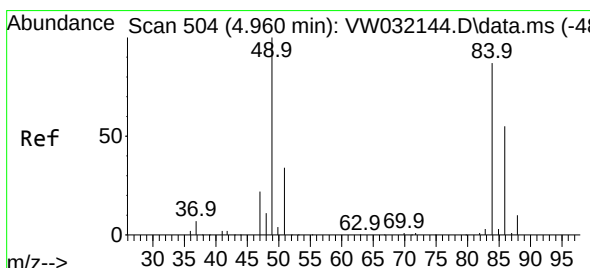
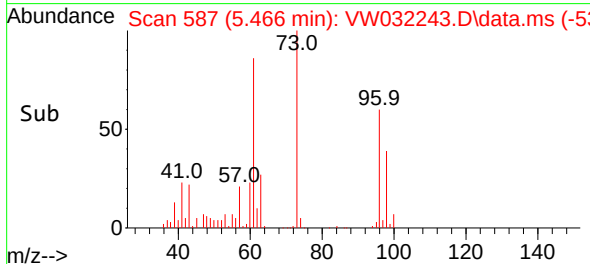
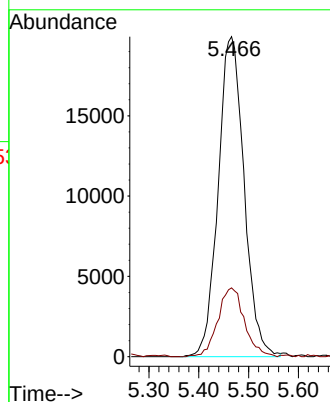
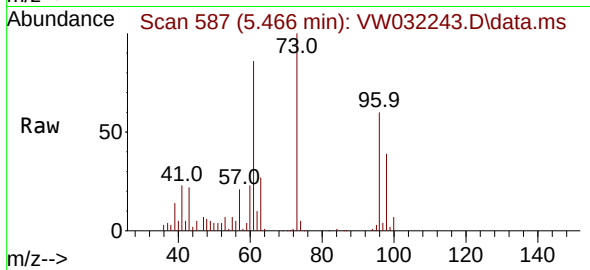




#19
Methyl tert-butyl Ether
Concen: 19.151 ug/l
RT: 5.466 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

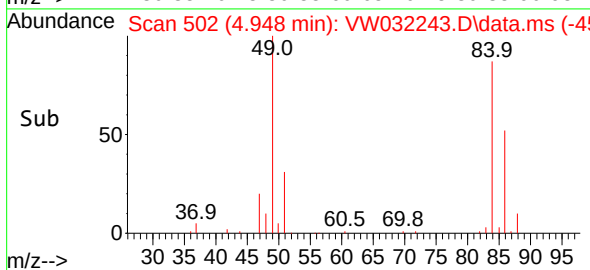
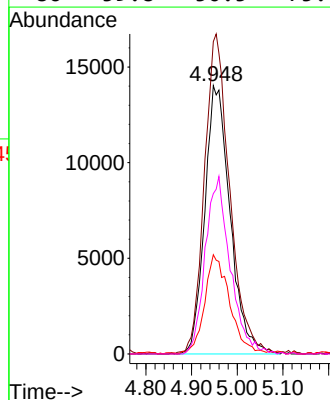
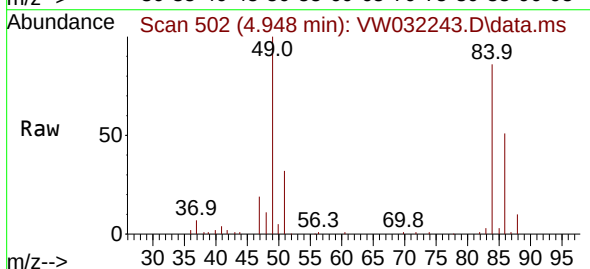
Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

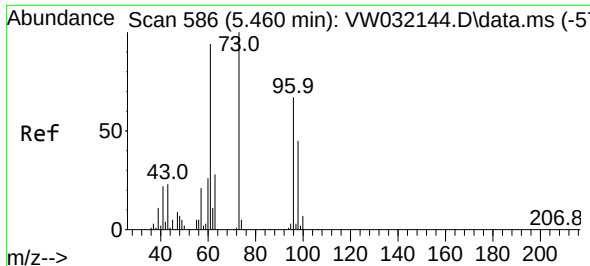
Tgt Ion: 73 Resp: 71903
Ion Ratio Lower Upper
73 100
57 21.5 16.2 24.4



#20
Methylene Chloride
Concen: 19.989 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.012 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 84 Resp: 54029
Ion Ratio Lower Upper
84 100
49 115.7 92.2 138.4
51 36.6 31.0 46.6
86 59.8 50.5 75.7

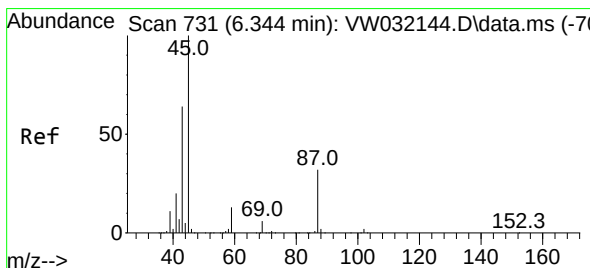
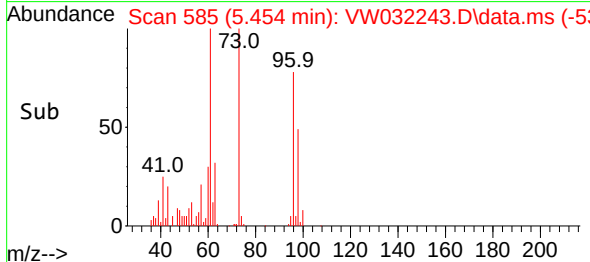
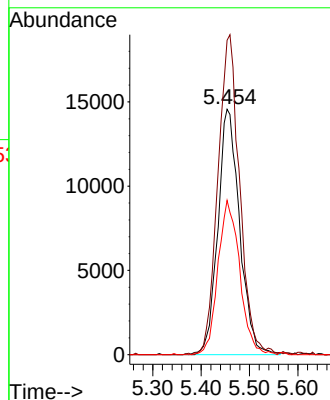
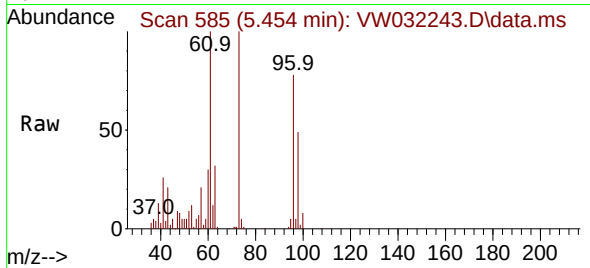




#21
trans-1,2-Dichloroethene
Concen: 20.485 ug/l
RT: 5.454 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

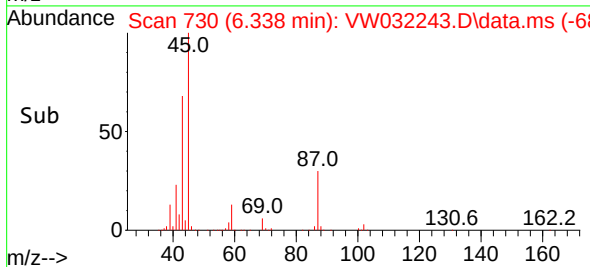
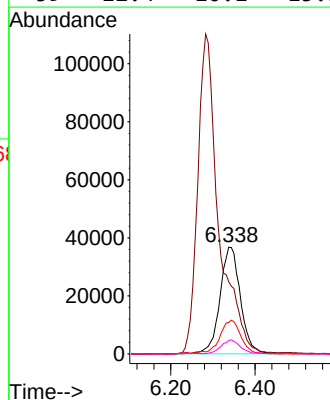
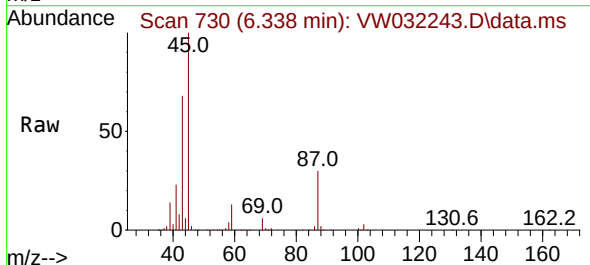
Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

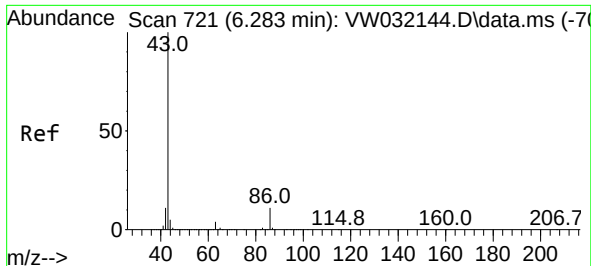
Tgt Ion: 96 Resp: 45500
Ion Ratio Lower Upper
96 100
61 128.1 112.5 168.7
98 62.9 54.2 81.4



#22
Diisopropyl ether
Concen: 20.058 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 45 Resp: 123292
Ion Ratio Lower Upper
45 100
43 67.1 51.4 77.2
87 29.6 25.9 38.9
59 12.4 10.1 15.1

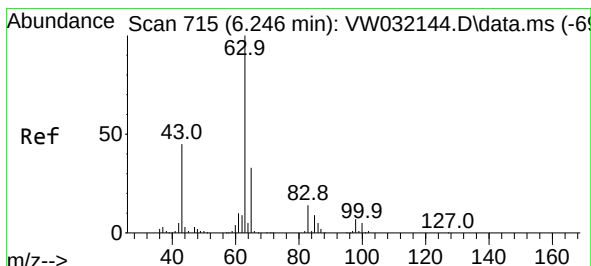
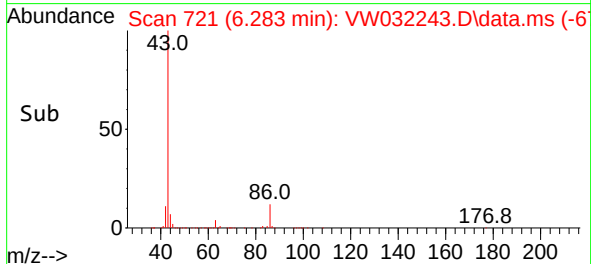
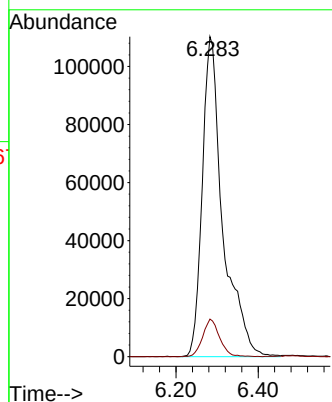
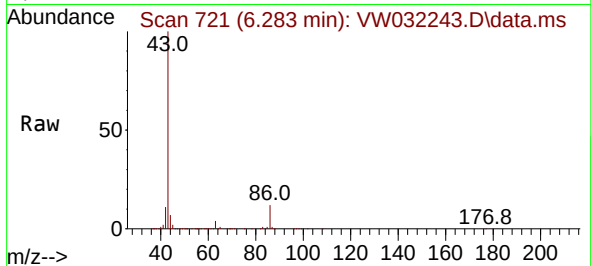




#23
 Vinyl Acetate
 Concen: 91.454 ug/l
 RT: 6.283 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW032243.D
 Acq: 24 Sep 2025 15:03

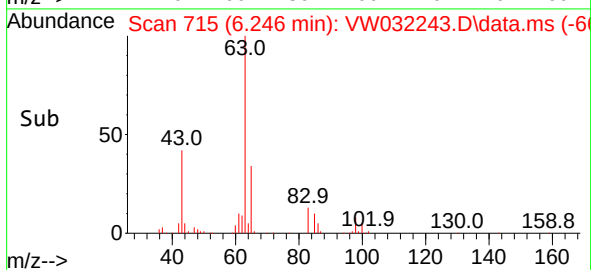
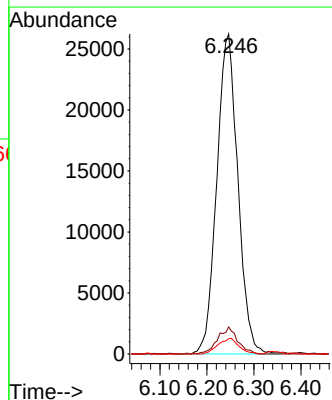
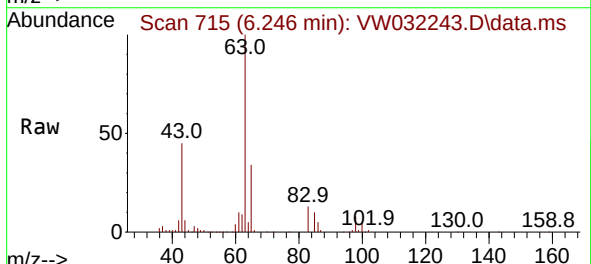
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0924SBS01

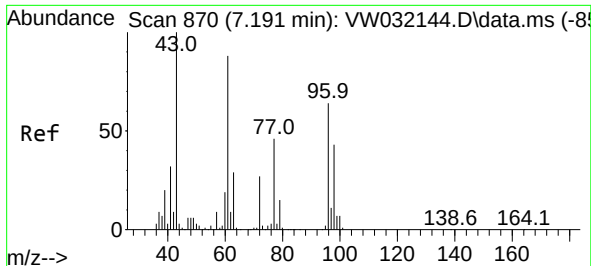
Tgt Ion: 43 Resp: 382205
 Ion Ratio Lower Upper
 43 100
 86 11.7 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 20.339 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW032243.D
 Acq: 24 Sep 2025 15:03

Tgt Ion: 63 Resp: 81848
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.8 11.2
 100 4.7 2.5 7.5

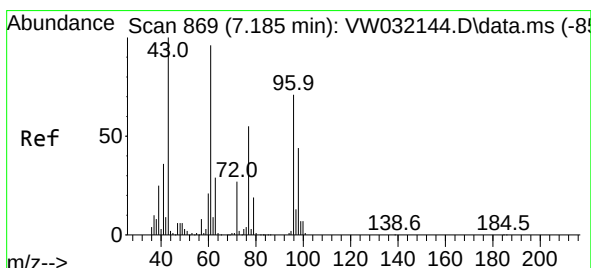
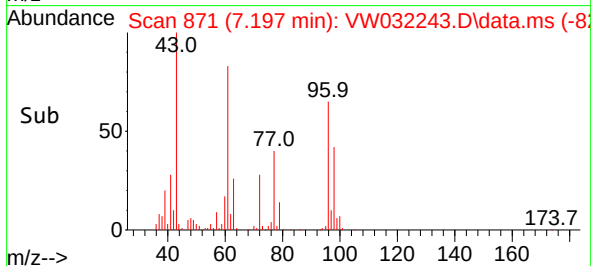
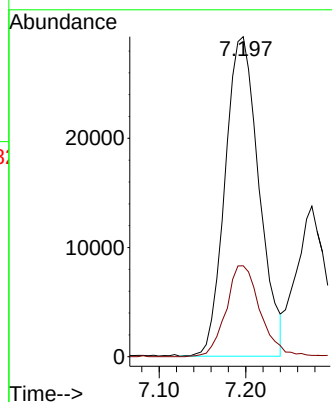
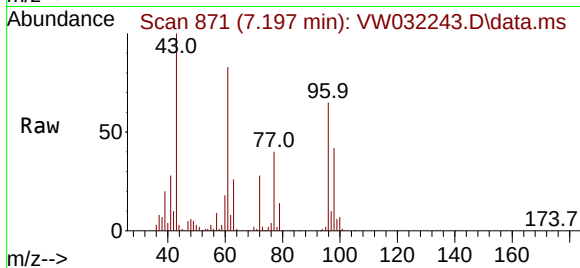




#25
2-Butanone
Concen: 96.413 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

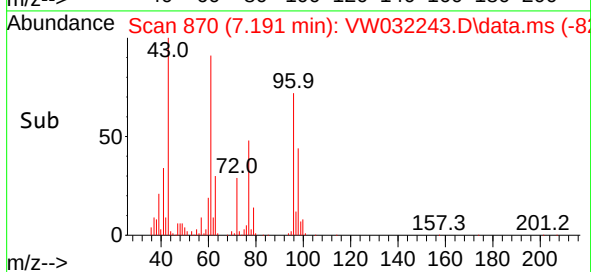
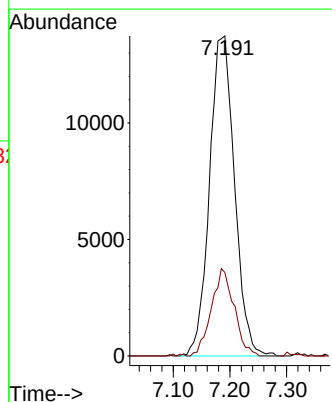
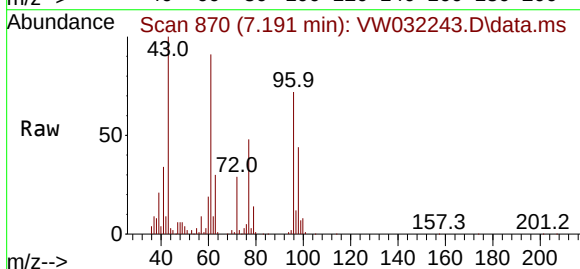
Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

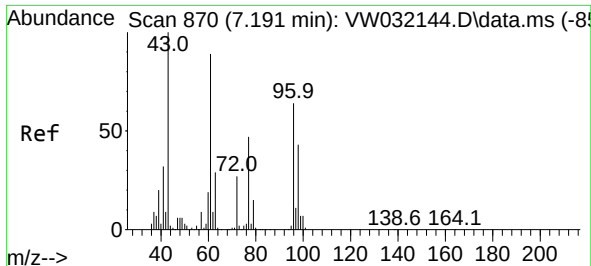
Tgt Ion: 43 Resp: 79607
Ion Ratio Lower Upper
43 100
72 28.5 21.4 32.2



#26
2,2-Dichloropropane
Concen: 19.729 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 77 Resp: 42044
Ion Ratio Lower Upper
77 100
97 24.8 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 20.022 ug/l

RT: 7.191 min Scan# 870

Delta R.T. -0.000 min

Lab File: VW032243.D

Acq: 24 Sep 2025 15:03

Instrument :

MSVOA_W

ClientSampleId :

VW0924SBS01

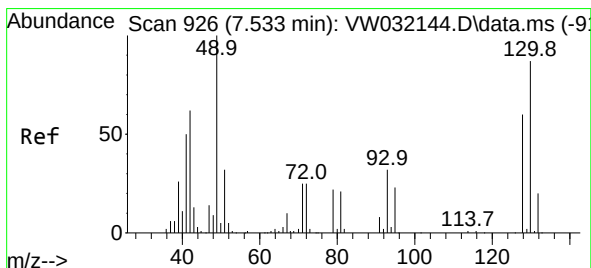
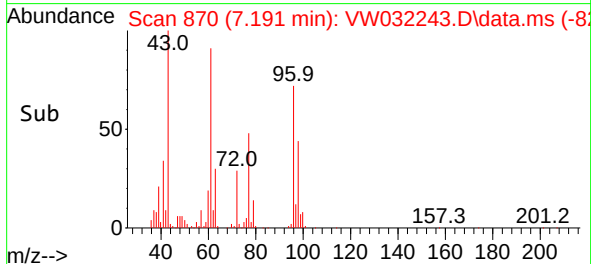
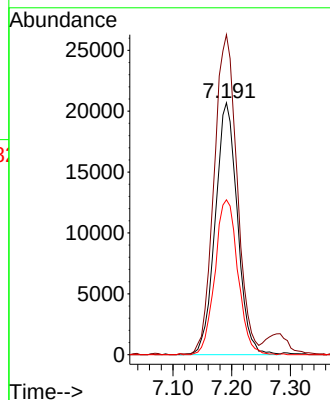
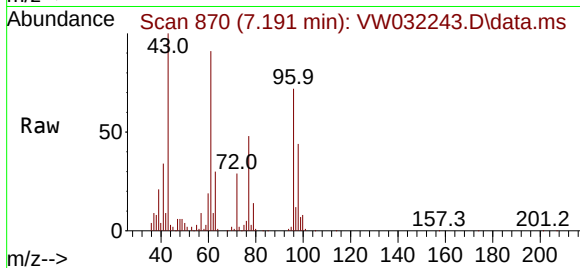
Tgt Ion: 96 Resp: 54116

Ion Ratio Lower Upper

96 100

61 132.6 0.0 268.0

98 63.6 0.0 130.8



#28

Bromochloromethane

Concen: 20.944 ug/l

RT: 7.532 min Scan# 926

Delta R.T. -0.000 min

Lab File: VW032243.D

Acq: 24 Sep 2025 15:03

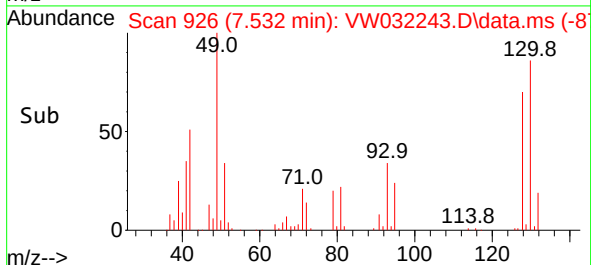
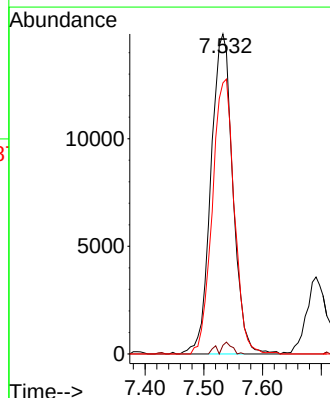
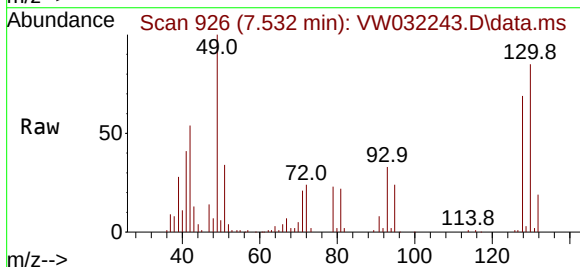
Tgt Ion: 49 Resp: 38581

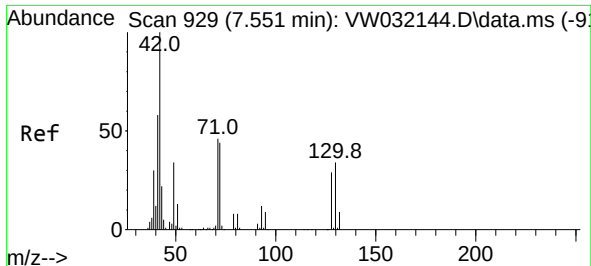
Ion Ratio Lower Upper

49 100

129 1.6 0.0 4.2

130 86.0 67.5 101.3

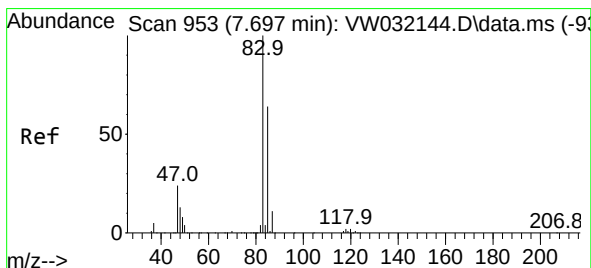
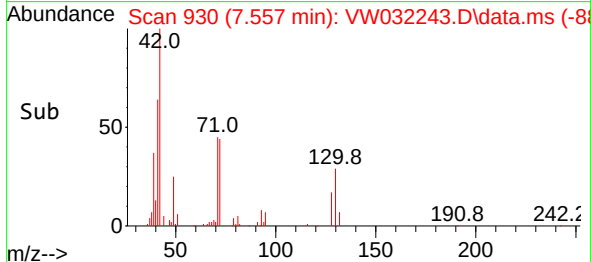
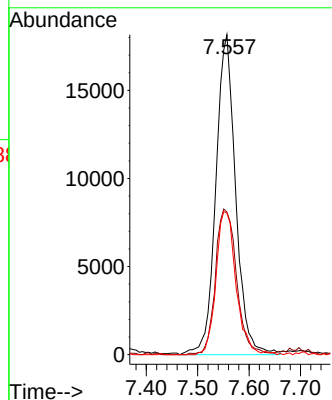
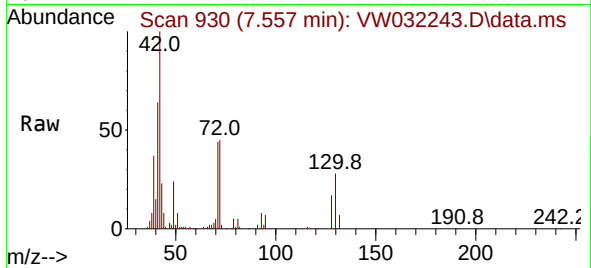




#29
Tetrahydrofuran
Concen: 92.832 ug/l
RT: 7.557 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

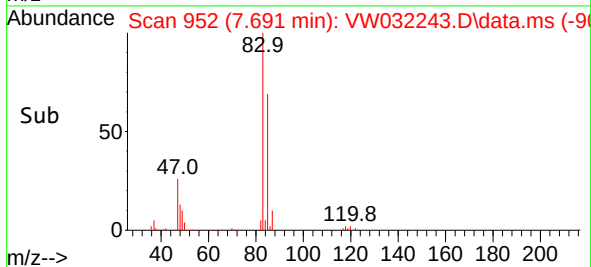
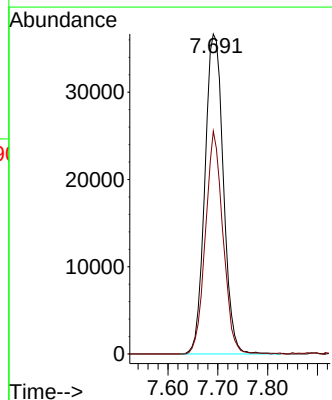
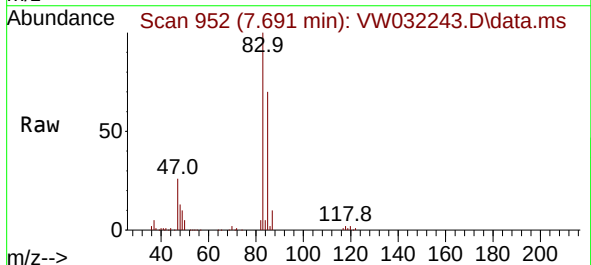
Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

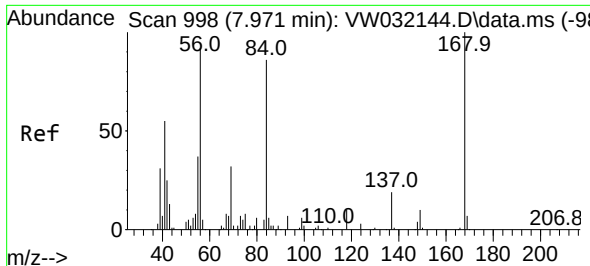
Tgt Ion: 42 Resp: 48708
Ion Ratio Lower Upper
42 100
72 48.6 37.4 56.2
71 44.8 36.0 54.0



#30
Chloroform
Concen: 20.487 ug/l
RT: 7.691 min Scan# 952
Delta R.T. -0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 83 Resp: 94126
Ion Ratio Lower Upper
83 100
85 69.7 51.2 76.8

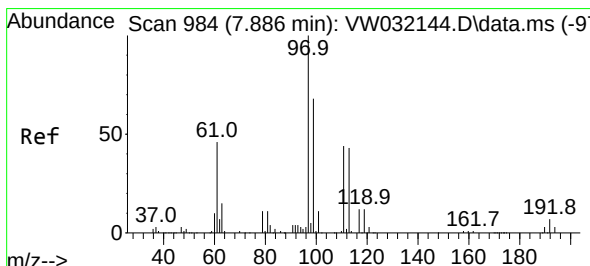
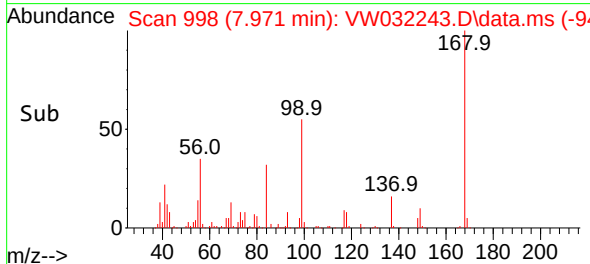
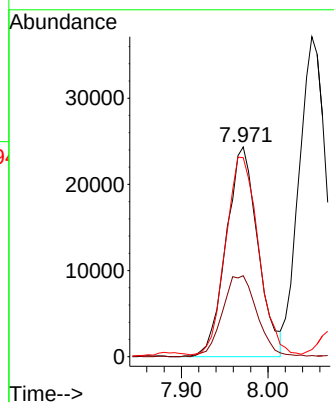
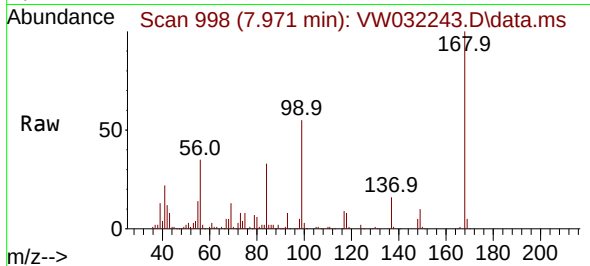




#31
Cyclohexane
Concen: 18.846 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

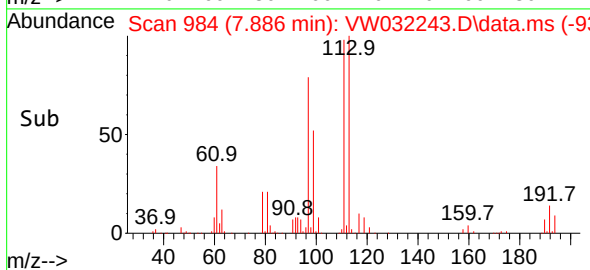
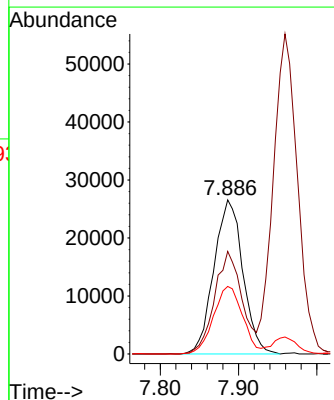
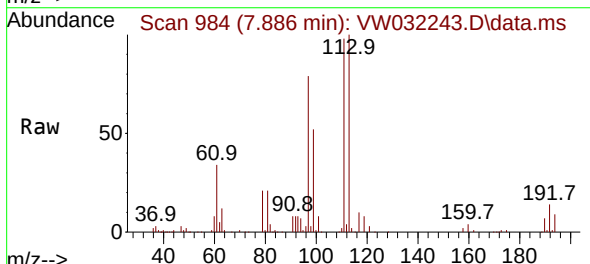
Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

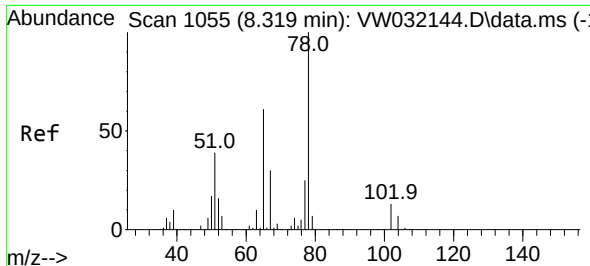
Tgt Ion: 56 Resp: 62247
Ion Ratio Lower Upper
56 100
69 38.6 27.7 41.5
84 93.3 74.6 112.0



#32
1,1,1-Trichloroethane
Concen: 20.332 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 97 Resp: 68192
Ion Ratio Lower Upper
97 100
99 63.5 50.9 76.3
61 44.1 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 49.600 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VW032243.D

Acq: 24 Sep 2025 15:03

Instrument :

MSVOA_W

ClientSampleId :

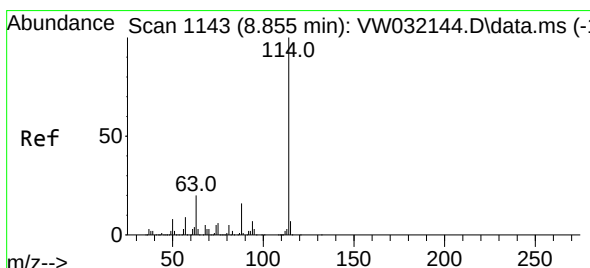
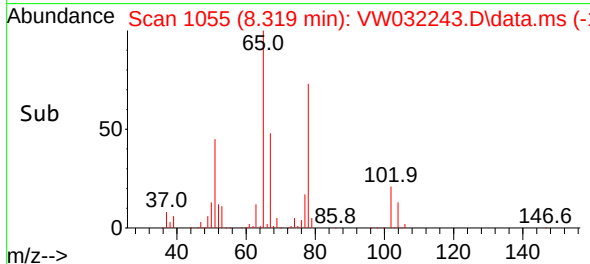
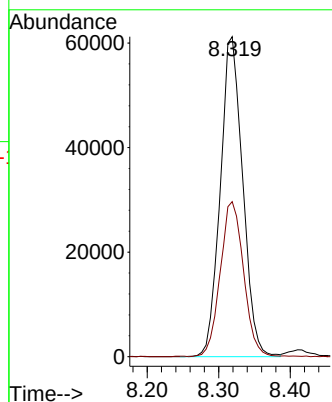
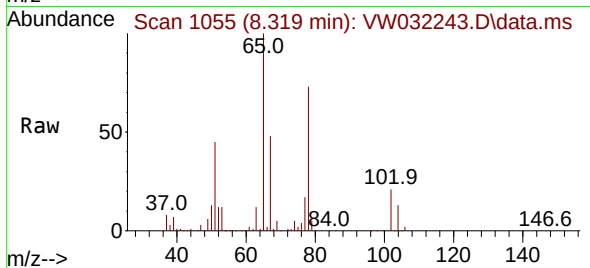
VW0924SBS01

Tgt Ion: 65 Resp: 133448

Ion Ratio Lower Upper

65 100

67 50.5 0.0 99.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1143

Delta R.T. -0.000 min

Lab File: VW032243.D

Acq: 24 Sep 2025 15:03

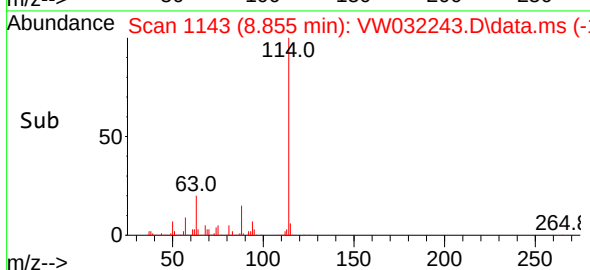
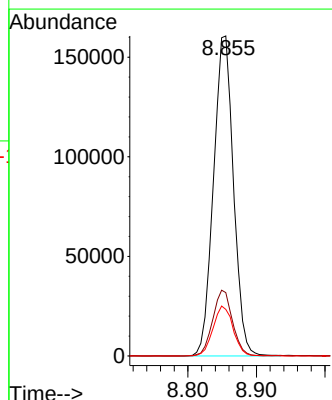
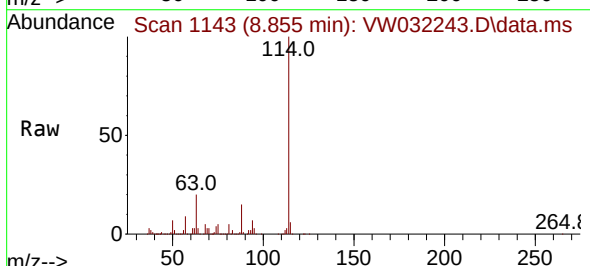
Tgt Ion: 114 Resp: 324992

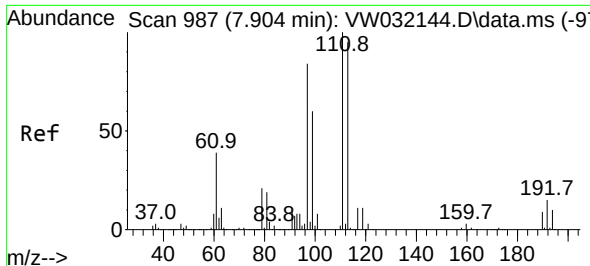
Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.4

88 14.6 0.0 32.0

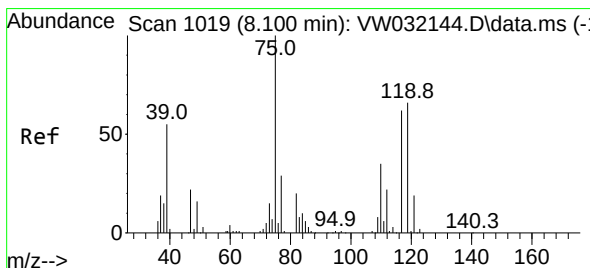
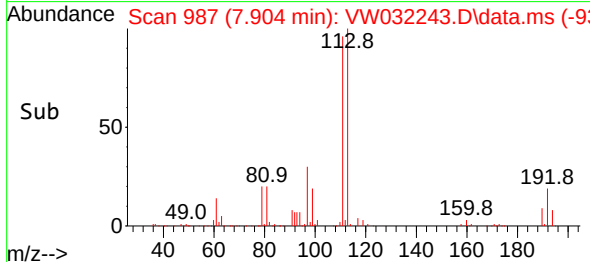
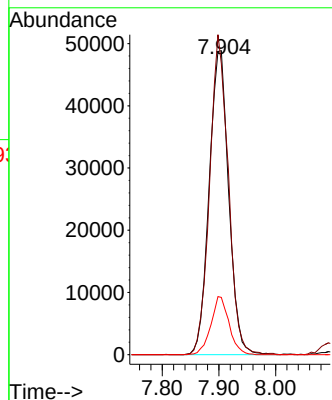
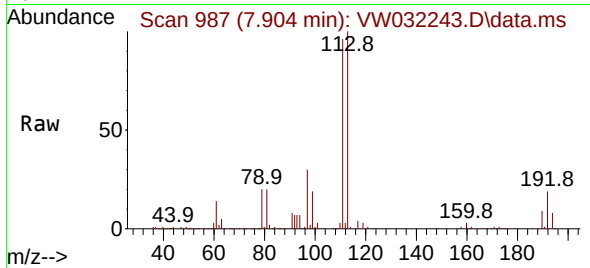




#35
 Dibromofluoromethane
 Concen: 51.282 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VW032243.D
 Acq: 24 Sep 2025 15:03

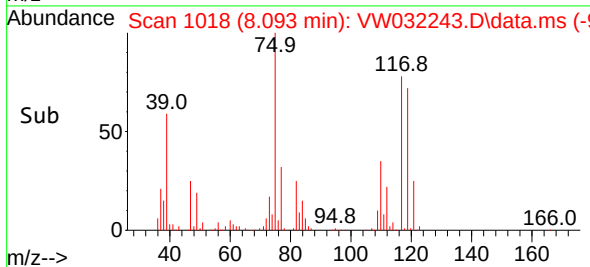
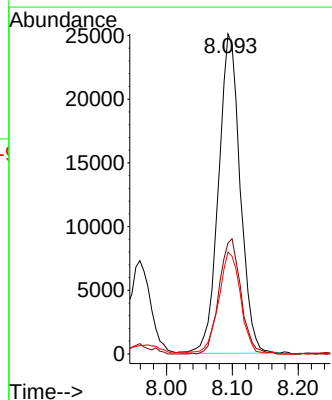
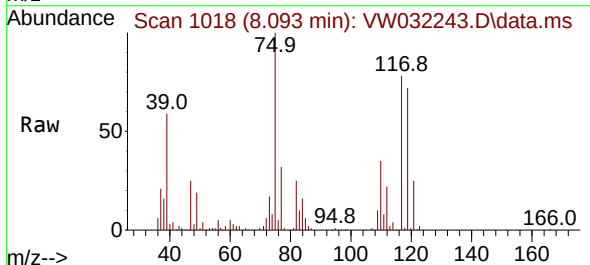
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0924SBS01

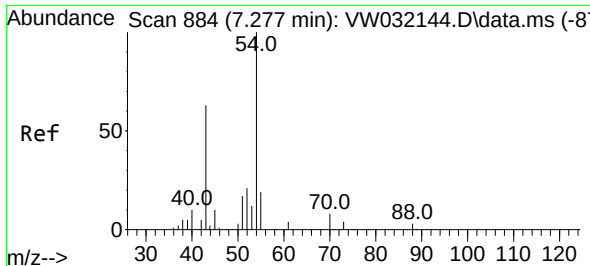
Tgt Ion:113 Resp: 116929
 Ion Ratio Lower Upper
 113 100
 111 100.3 83.9 125.9
 192 17.8 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 19.429 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. -0.006 min
 Lab File: VW032243.D
 Acq: 24 Sep 2025 15:03

Tgt Ion: 75 Resp: 57438
 Ion Ratio Lower Upper
 75 100
 110 36.3 17.5 52.5
 77 31.8 24.1 36.1

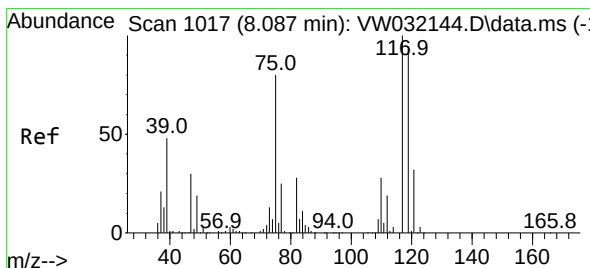
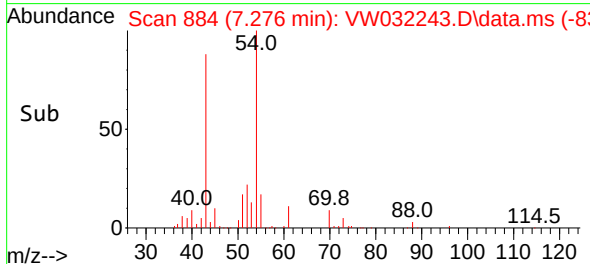
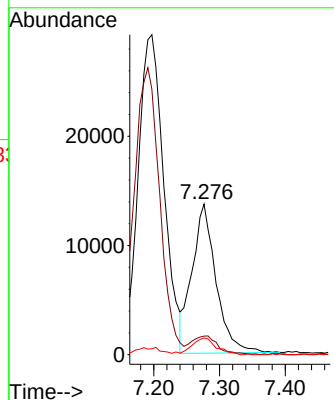
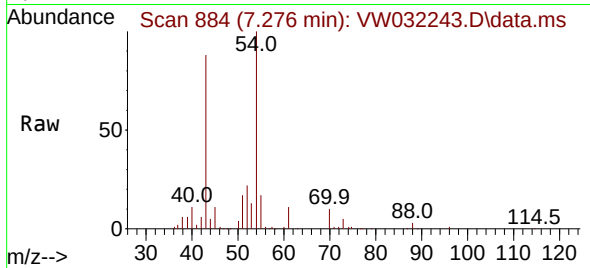




#37
Ethyl Acetate
Concen: 19.586 ug/l
RT: 7.276 min Scan# 884
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

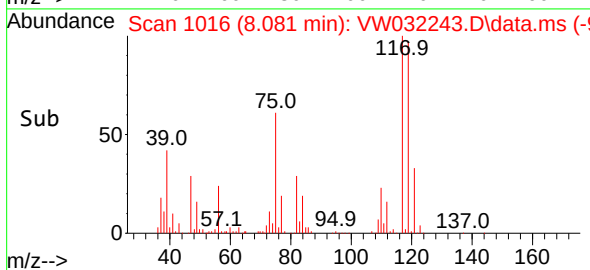
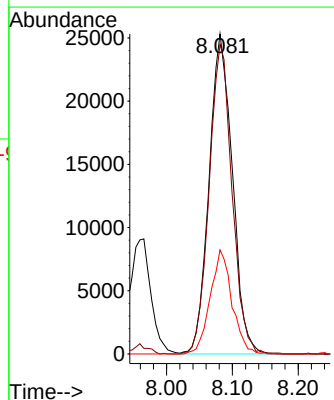
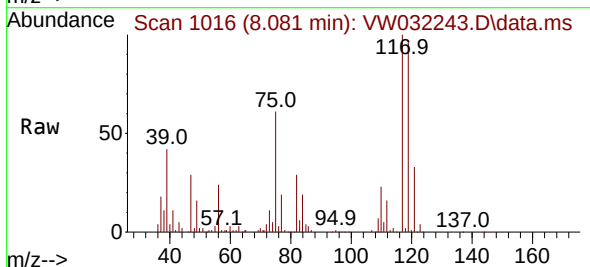
Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

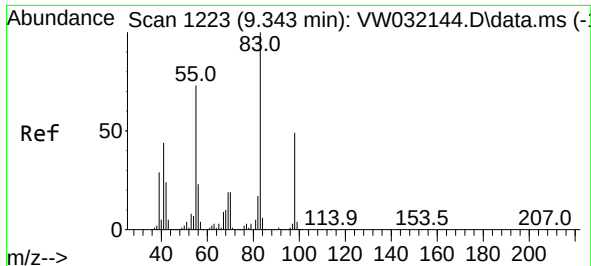
Tgt Ion: 43 Resp: 34736
Ion Ratio Lower Upper
43 100
61 14.0 11.3 16.9
70 11.5 8.9 13.3



#38
Carbon Tetrachloride
Concen: 19.688 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 117 Resp: 62396
Ion Ratio Lower Upper
117 100
119 96.8 74.2 111.2
121 32.5 25.6 38.4





#39

Methylcyclohexane

Concen: 18.503 ug/l

RT: 9.343 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032243.D

Acq: 24 Sep 2025 15:03

Instrument :

MSVOA_W

ClientSampleId :

VW0924SBS01

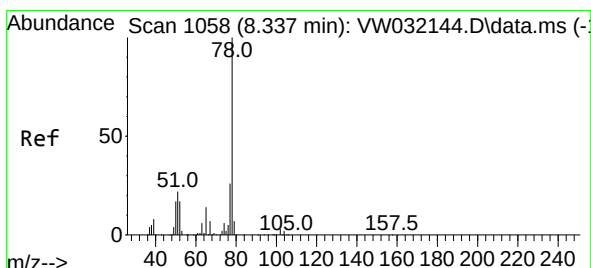
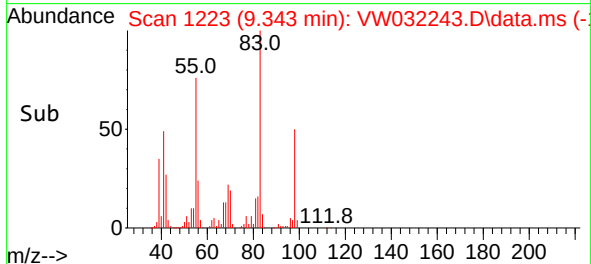
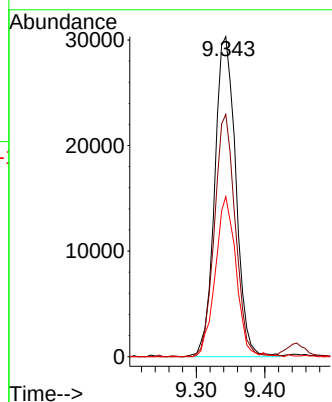
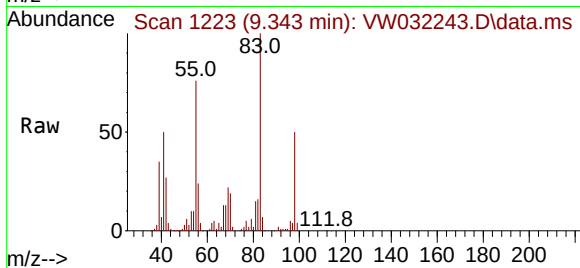
Tgt Ion: 83 Resp: 64790

Ion Ratio Lower Upper

83 100

55 75.7 58.4 87.6

98 50.0 39.4 59.2



#40

Benzene

Concen: 20.366 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VW032243.D

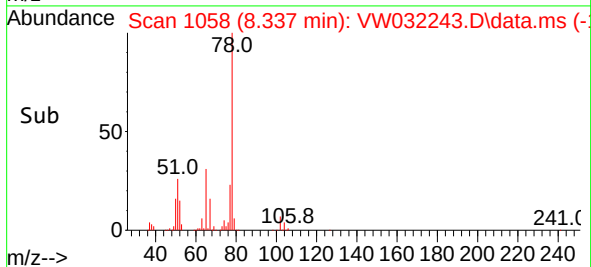
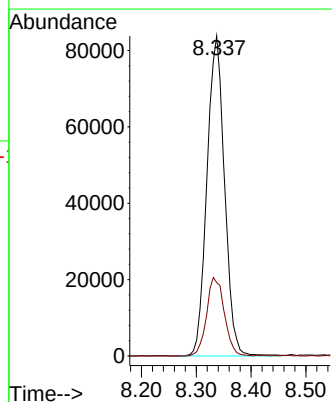
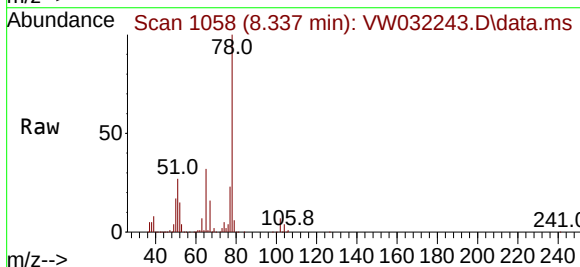
Acq: 24 Sep 2025 15:03

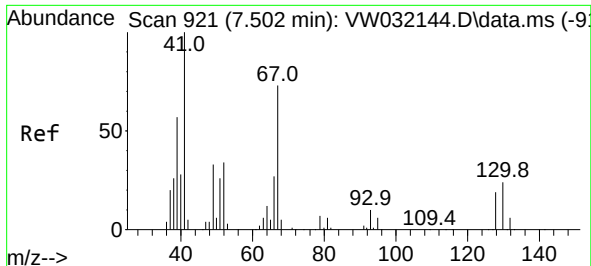
Tgt Ion: 78 Resp: 186114

Ion Ratio Lower Upper

78 100

77 23.0 20.7 31.1

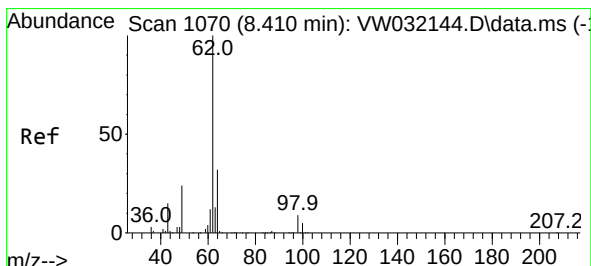
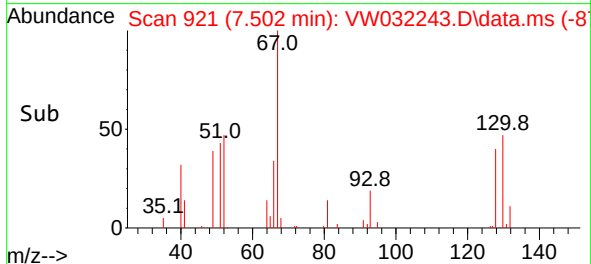
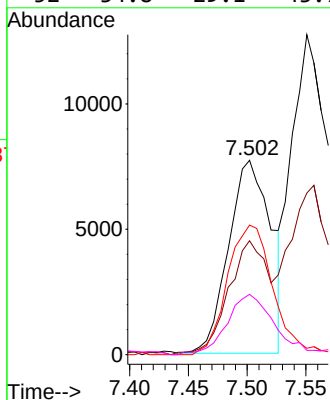
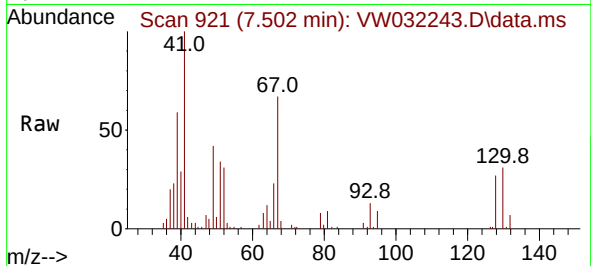




#41
Methacrylonitrile
Concen: 19.556 ug/l
RT: 7.502 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

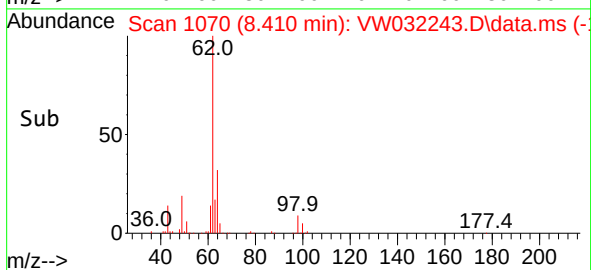
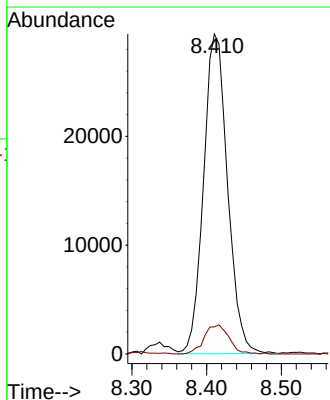
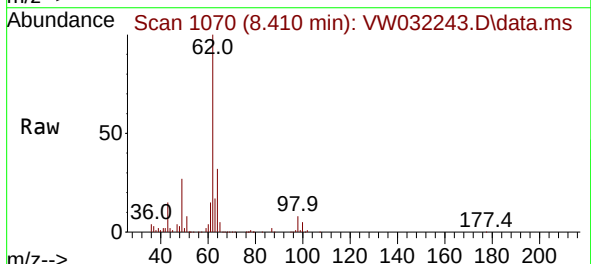
Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

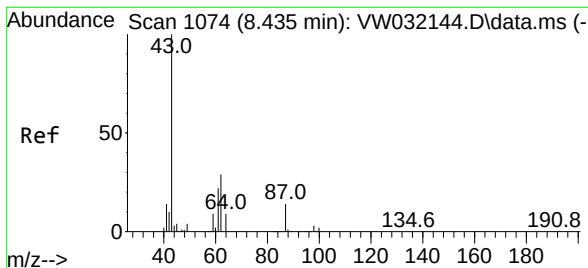
Tgt Ion:	41	Resp:	19269
Ion	Ratio	Lower	Upper
41	100		
39	54.2	50.9	76.3
67	73.1	65.6	98.4
52	34.8	29.1	43.7



#42
1,2-Dichloroethane
Concen: 20.696 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion:	62	Resp:	65566
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.0





#43

Isopropyl Acetate

Concen: 17.978 ug/l

RT: 8.435 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VW032243.D

Acq: 24 Sep 2025 15:03

Instrument :

MSVOA_W

ClientSampleId :

VW0924SBS01

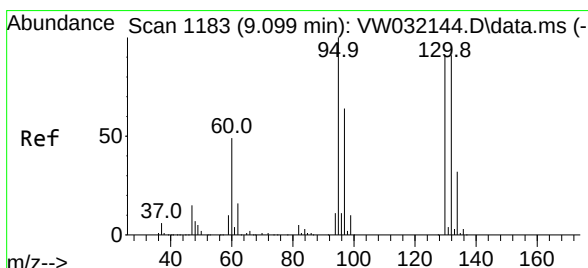
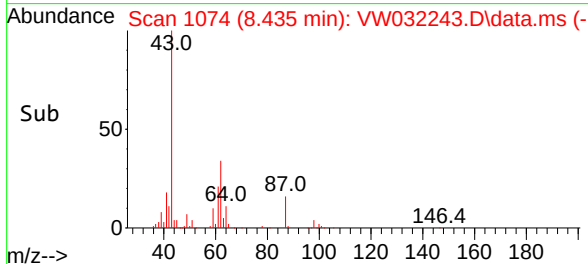
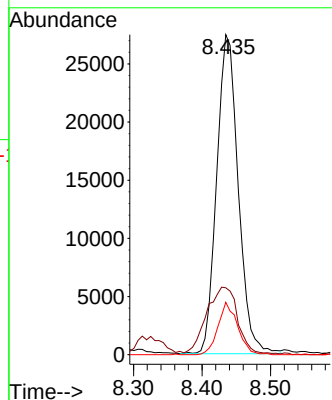
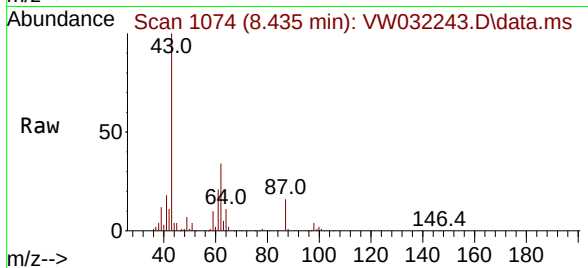
Tgt Ion: 43 Resp: 59814

Ion Ratio Lower Upper

43 100

61 30.2 23.3 34.9

87 15.0 11.1 16.7



#44

Trichloroethene

Concen: 19.971 ug/l

RT: 9.105 min Scan# 1184

Delta R.T. 0.006 min

Lab File: VW032243.D

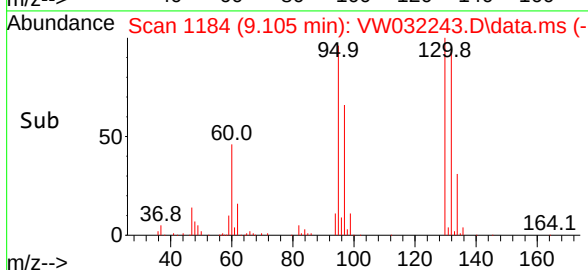
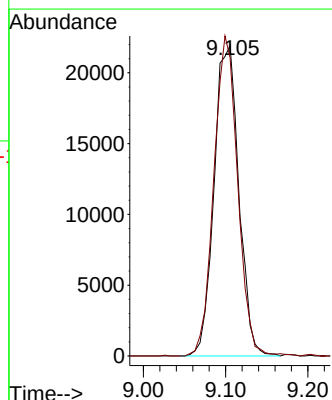
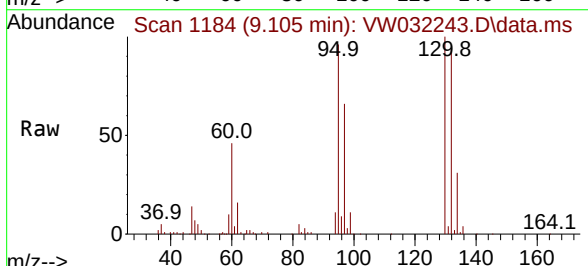
Acq: 24 Sep 2025 15:03

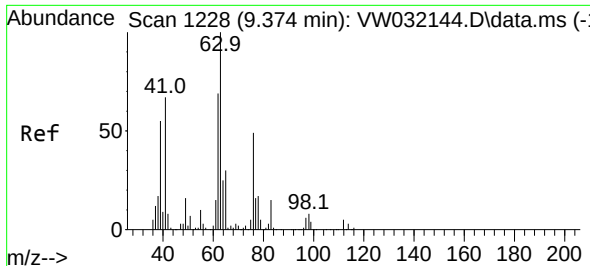
Tgt Ion:130 Resp: 45897

Ion Ratio Lower Upper

130 100

95 96.0 0.0 220.0





#45

1,2-Dichloropropane

Concen: 20.541 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VW032243.D

Acq: 24 Sep 2025 15:03

Instrument :

MSVOA_W

ClientSampleId :

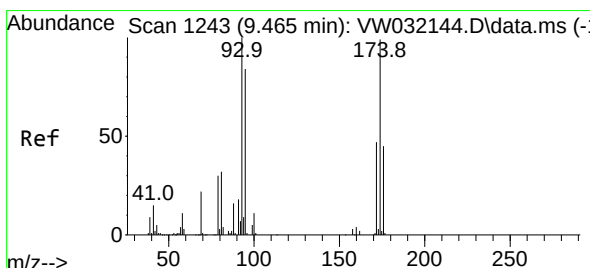
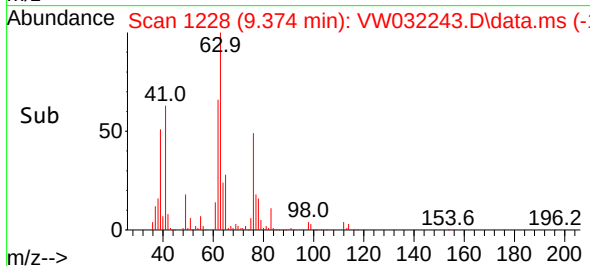
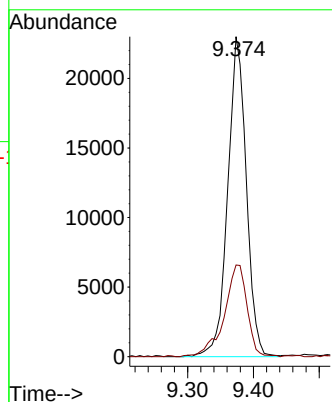
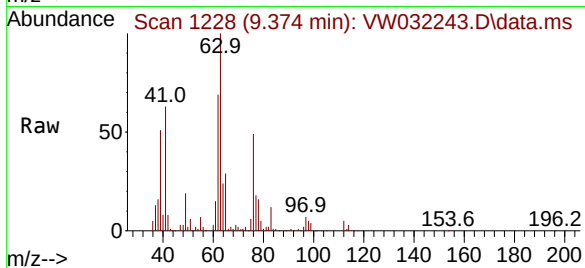
VW0924SBS01

Tgt Ion: 63 Resp: 45250

Ion Ratio Lower Upper

63 100

65 28.6 24.3 36.5



#46

Dibromomethane

Concen: 20.412 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VW032243.D

Acq: 24 Sep 2025 15:03

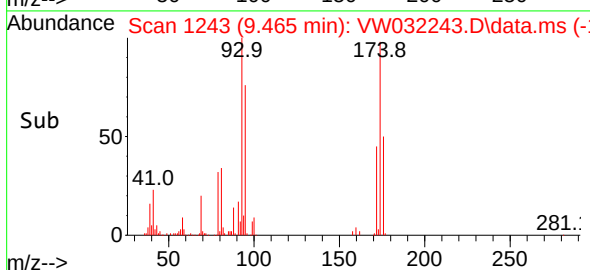
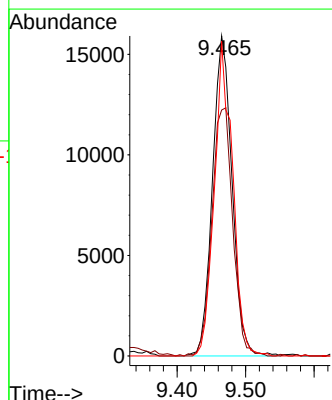
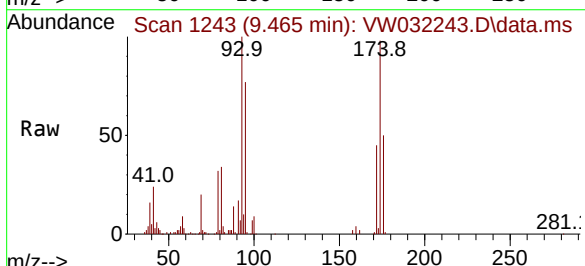
Tgt Ion: 93 Resp: 31539

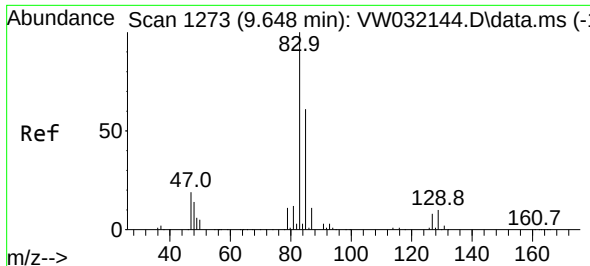
Ion Ratio Lower Upper

93 100

95 83.1 67.4 101.2

174 91.9 75.7 113.5

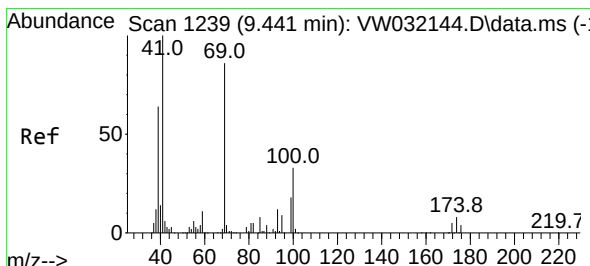
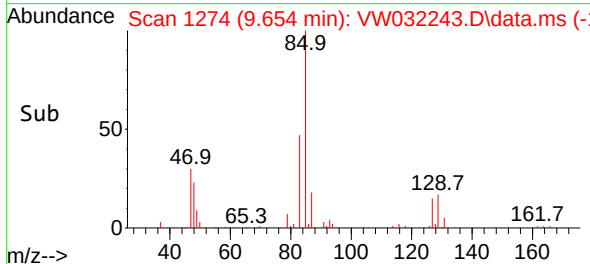
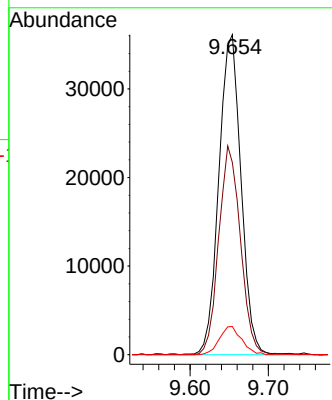
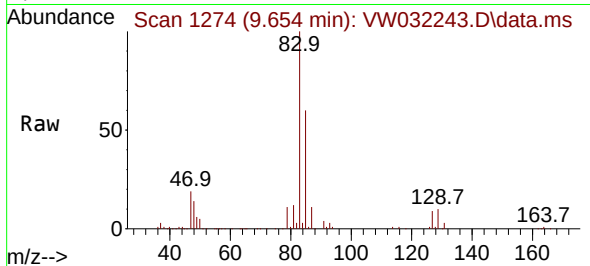




#47
Bromodichloromethane
Concen: 20.208 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

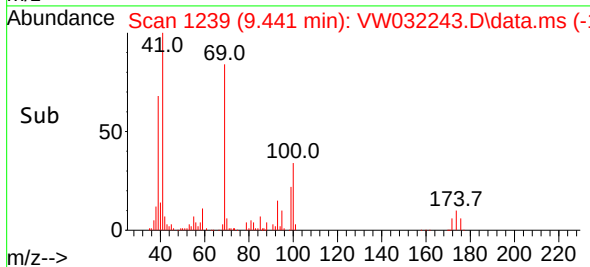
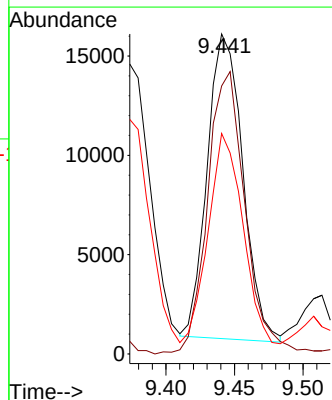
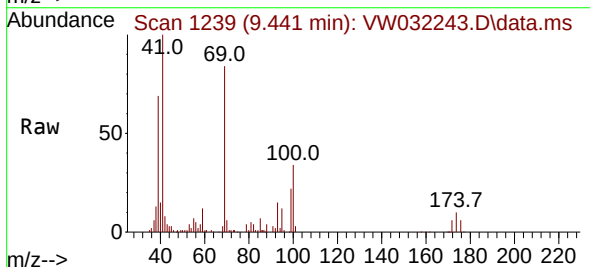
Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

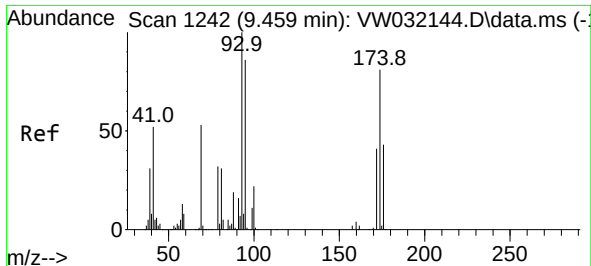
Tgt Ion: 83 Resp: 70957
Ion Ratio Lower Upper
83 100
85 60.1 48.7 73.1
127 8.8 6.4 9.6



#48
Methyl methacrylate
Concen: 18.044 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 41 Resp: 27666
Ion Ratio Lower Upper
41 100
69 98.6 71.5 107.3
39 73.0 55.9 83.9





#49

1,4-Dioxane

Concen: 384.439 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.006 min

Lab File: VW032243.D

Acq: 24 Sep 2025 15:03

Instrument :

MSVOA_W

ClientSampleId :

VW0924SBS01

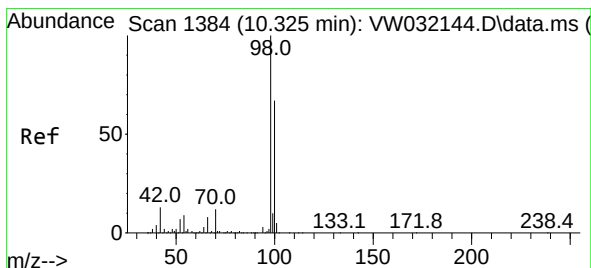
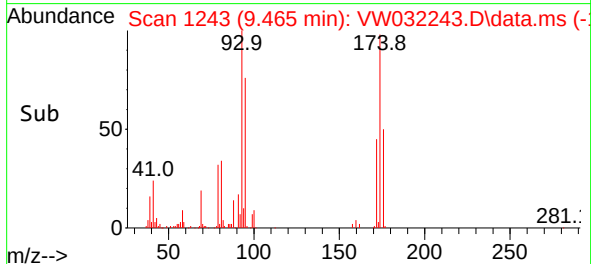
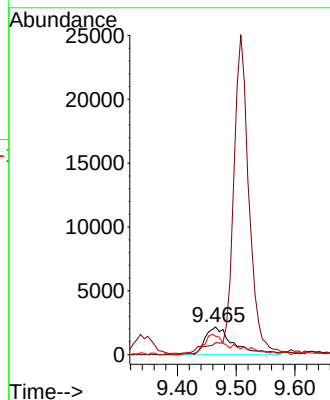
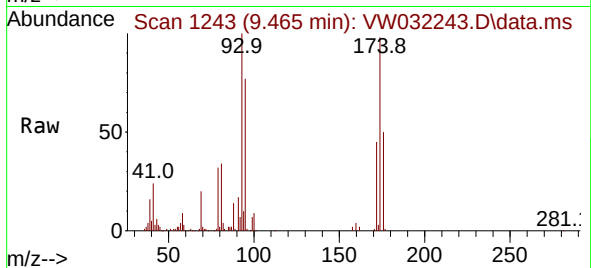
Tgt Ion: 88 Resp: 7177

Ion Ratio Lower Upper

88 100

43 0.0 18.0 27.0#

58 49.9 55.4 83.0#



#50

Toluene-d8

Concen: 49.168 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW032243.D

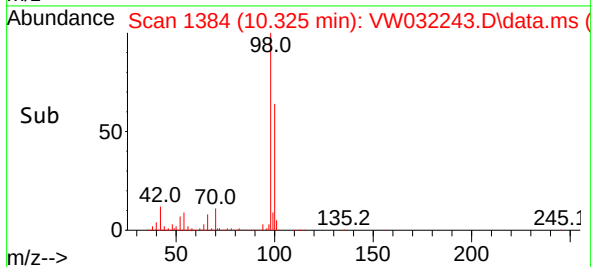
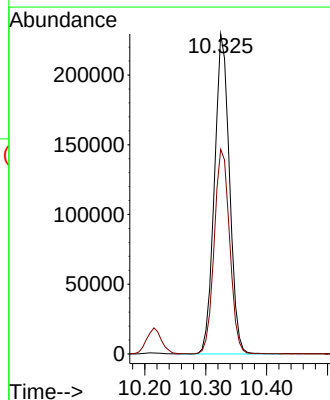
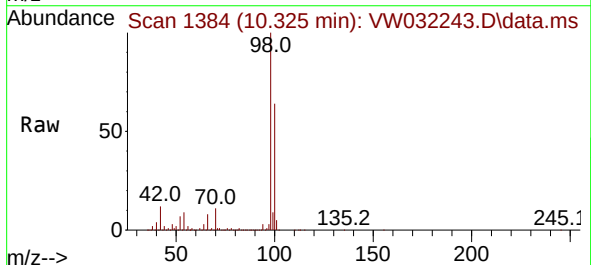
Acq: 24 Sep 2025 15:03

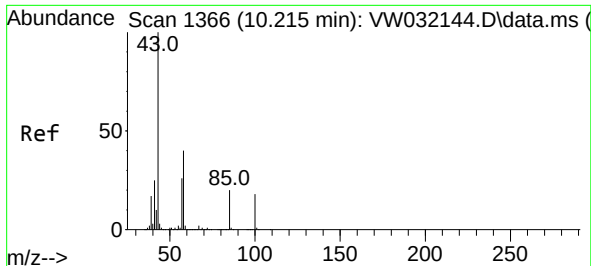
Tgt Ion: 98 Resp: 393556

Ion Ratio Lower Upper

98 100

100 65.5 51.4 77.2

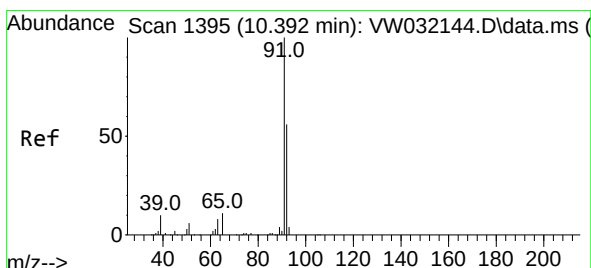
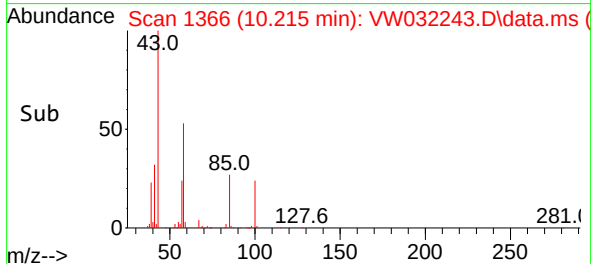
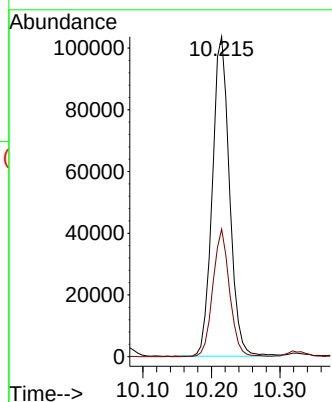
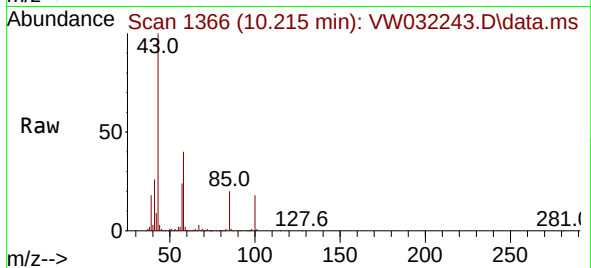




#51
4-Methyl-2-Pentanone
Concen: 95.902 ug/l
RT: 10.215 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

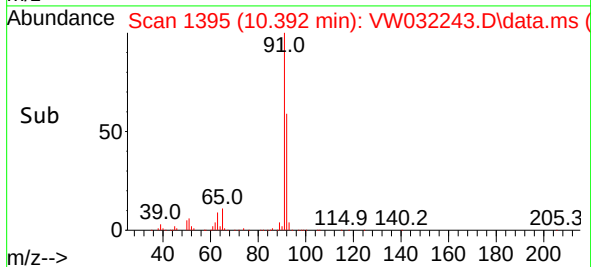
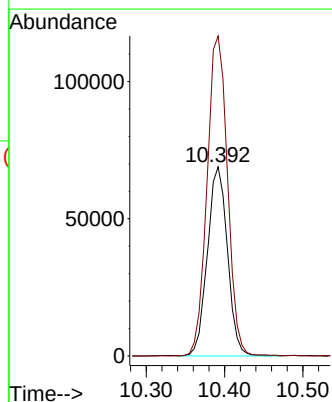
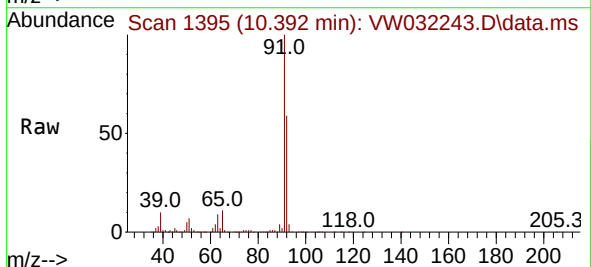
Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

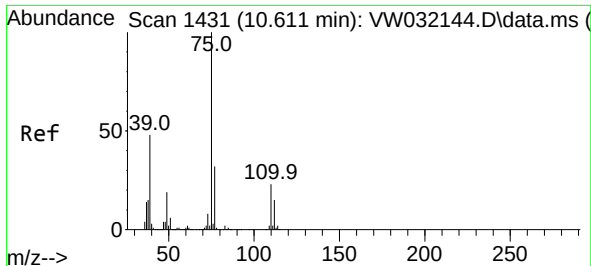
Tgt Ion: 43 Resp: 180166
Ion Ratio Lower Upper
43 100
58 38.9 32.0 48.0



#52
Toluene
Concen: 20.494 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 92 Resp: 122386
Ion Ratio Lower Upper
92 100
91 172.9 137.5 206.3

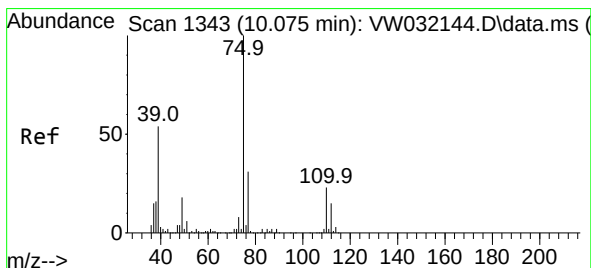
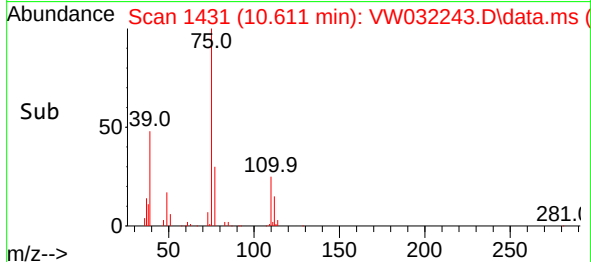
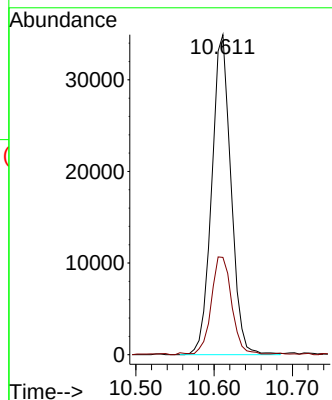
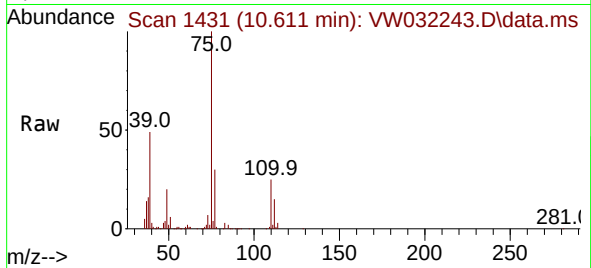




#53
t-1,3-Dichloropropene
Concen: 19.239 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

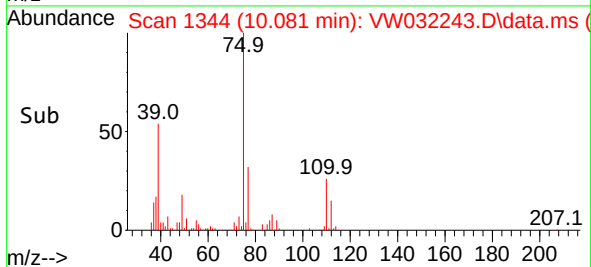
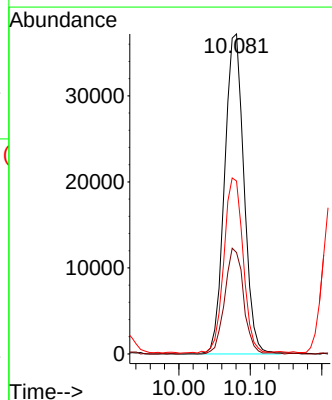
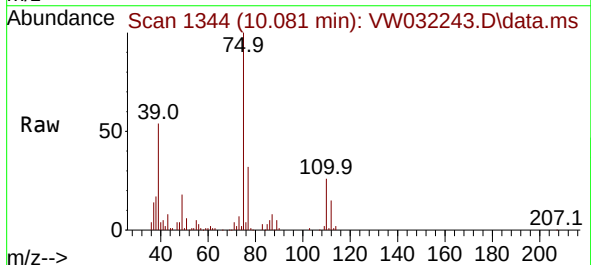
Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

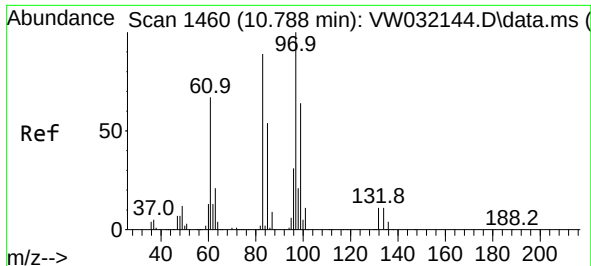
Tgt Ion: 75 Resp: 59593
Ion Ratio Lower Upper
75 100
77 29.9 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 19.798 ug/l
RT: 10.081 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 75 Resp: 69975
Ion Ratio Lower Upper
75 100
77 31.7 25.1 37.7
39 53.8 43.2 64.8

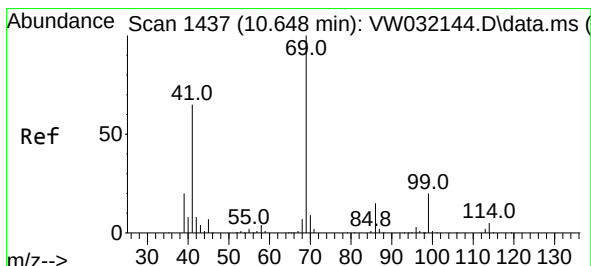
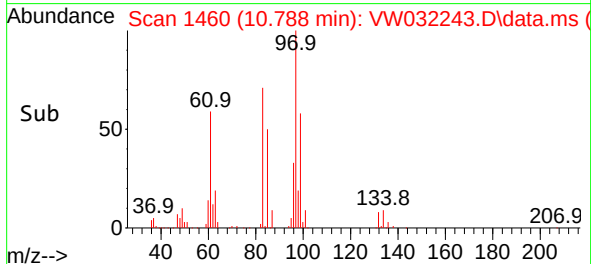
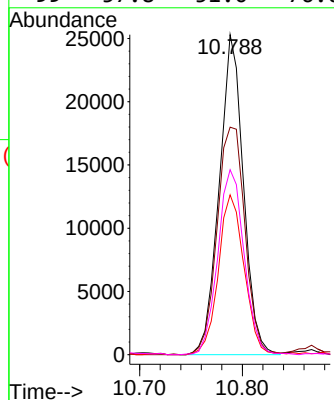
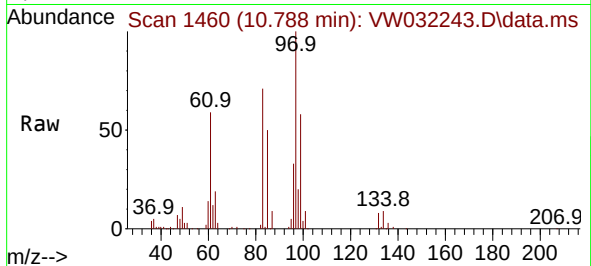




#55
1,1,2-Trichloroethane
Concen: 20.529 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

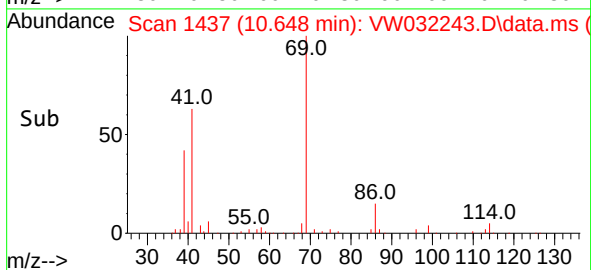
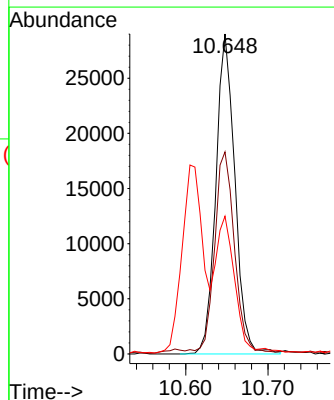
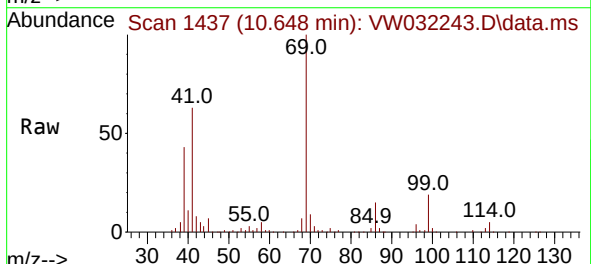
Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

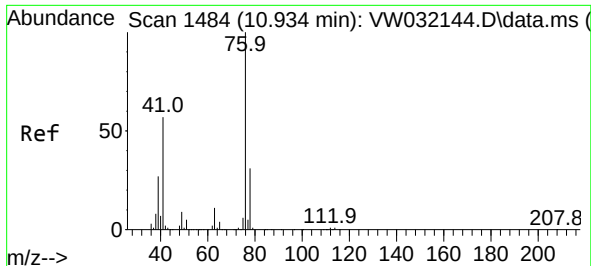
Tgt Ion:	97	Resp:	41248
Ion	Ratio	Lower	Upper
97	100		
83	71.1	71.0	106.6
85	50.0	42.8	64.2
99	57.8	51.0	76.6



#56
Ethyl methacrylate
Concen: 18.185 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion:	69	Resp:	46712
Ion	Ratio	Lower	Upper
69	100		
41	64.2	53.2	79.8
39	41.9	32.9	49.3





#57

1,3-Dichloropropane

Concen: 19.639 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032243.D

Acq: 24 Sep 2025 15:03

Instrument :

MSVOA_W

ClientSampleId :

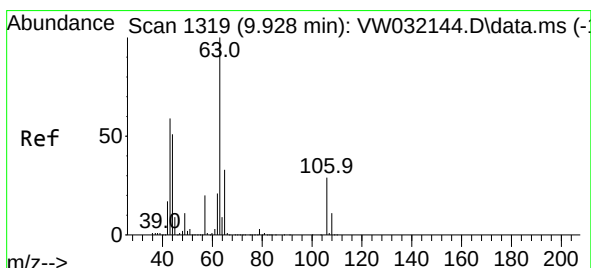
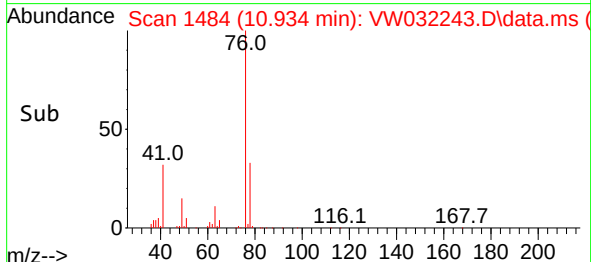
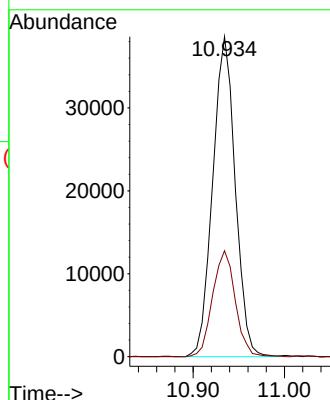
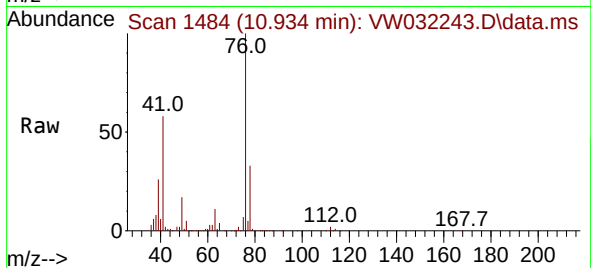
VW0924SBS01

Tgt Ion: 76 Resp: 66073

Ion Ratio Lower Upper

76 100

78 33.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 96.303 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032243.D

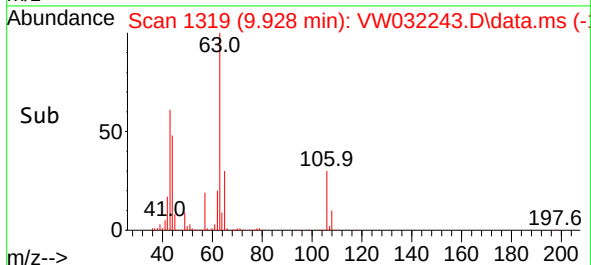
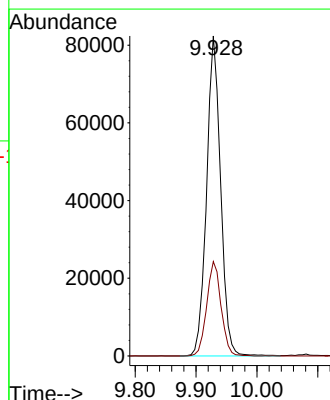
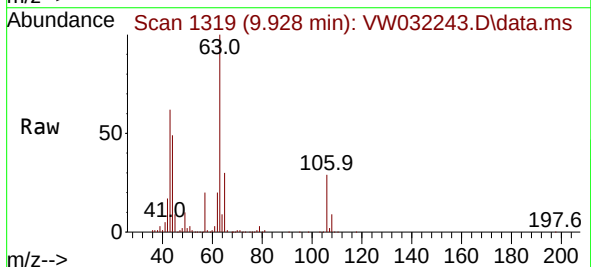
Acq: 24 Sep 2025 15:03

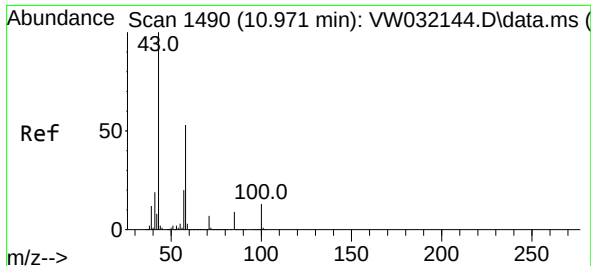
Tgt Ion: 63 Resp: 132038

Ion Ratio Lower Upper

63 100

106 30.2 24.3 36.5

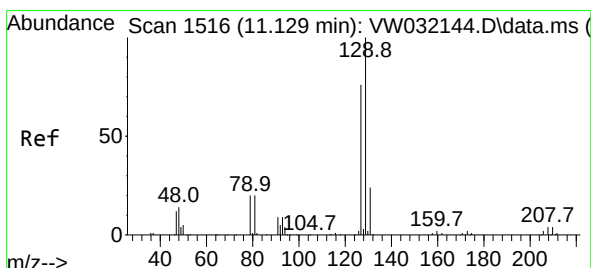
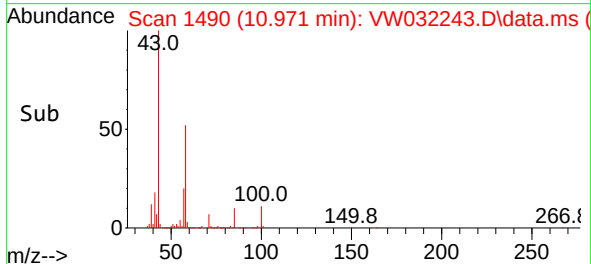
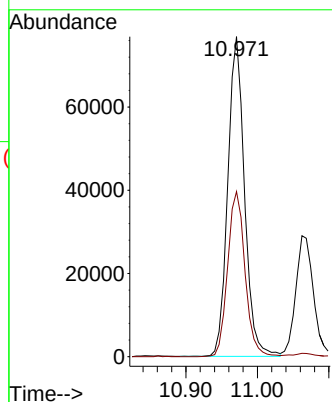
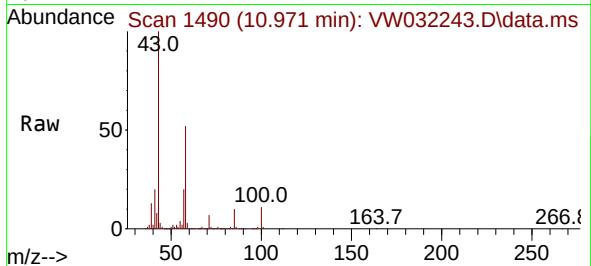




#59
2-Hexanone
Concen: 95.652 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

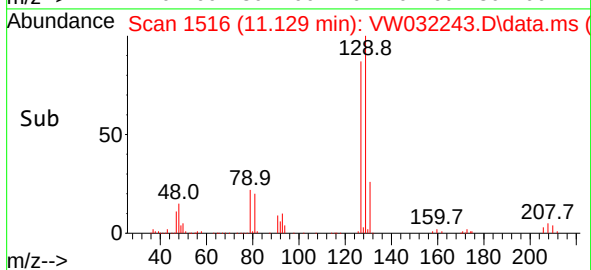
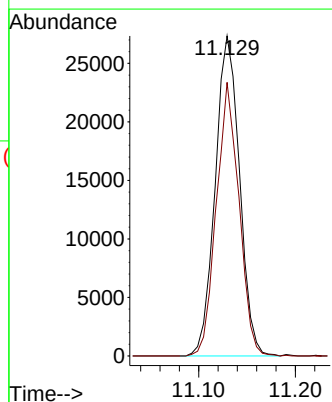
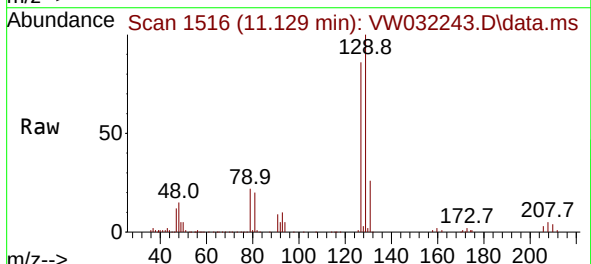
Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

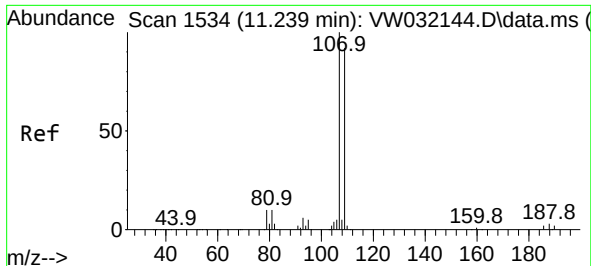
Tgt Ion: 43 Resp: 124975
Ion Ratio Lower Upper
43 100
58 53.6 27.5 82.4



#60
Dibromochloromethane
Concen: 19.648 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 129 Resp: 47769
Ion Ratio Lower Upper
129 100
127 79.5 38.1 114.5

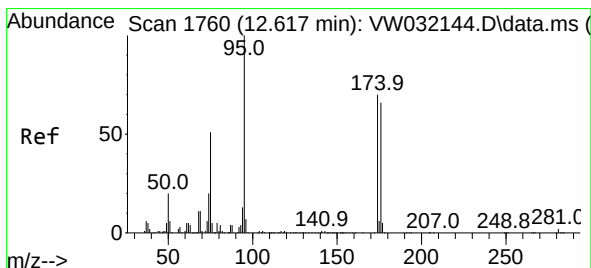
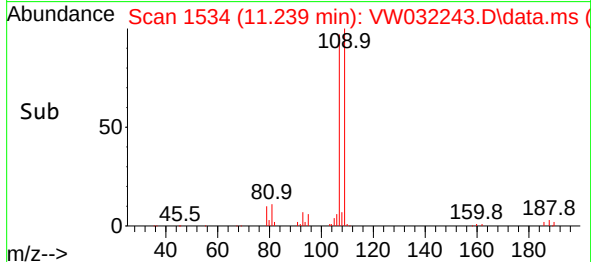
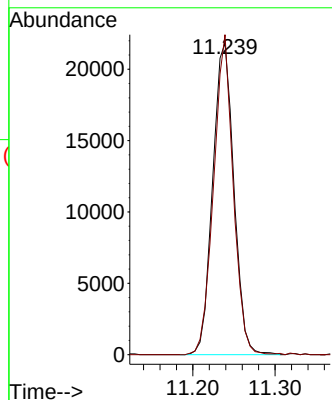
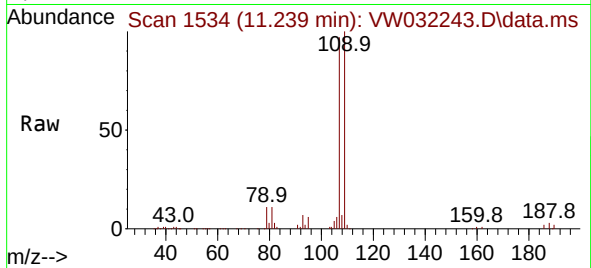




#61
1,2-Dibromoethane
Concen: 19.759 ug/l
RT: 11.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

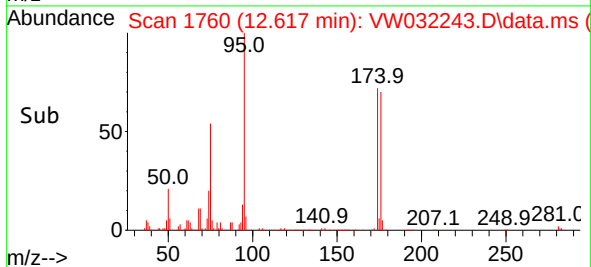
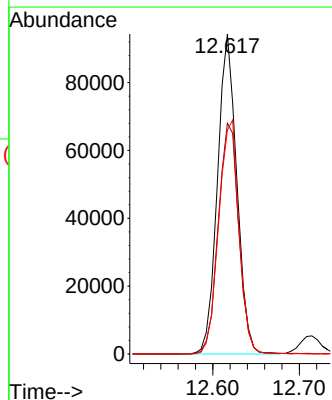
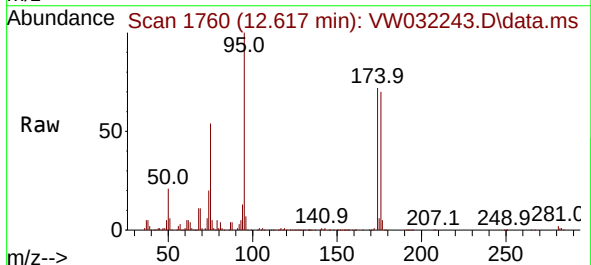
Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

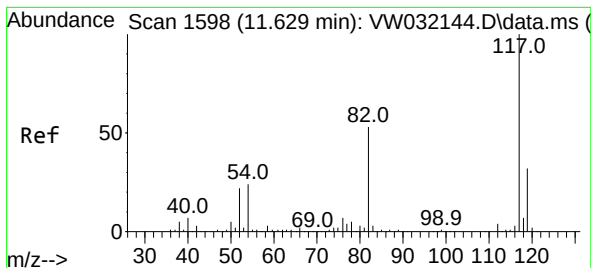
Tgt Ion:107 Resp: 39041
Ion Ratio Lower Upper
107 100
109 95.1 74.5 111.7



#62
4-Bromofluorobenzene
Concen: 49.290 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 95 Resp: 145892
Ion Ratio Lower Upper
95 100
174 76.7 0.0 145.6
176 76.4 0.0 140.8

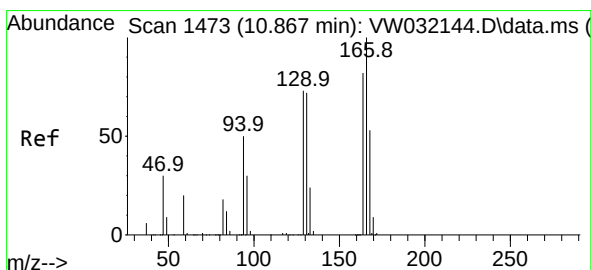
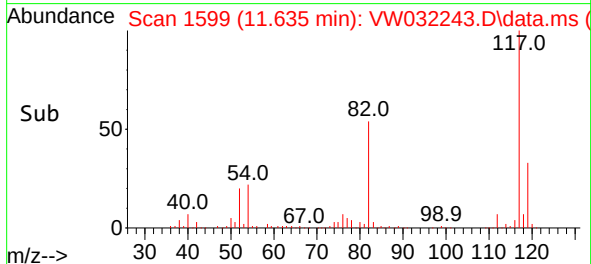
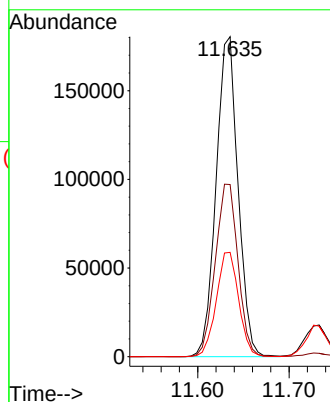
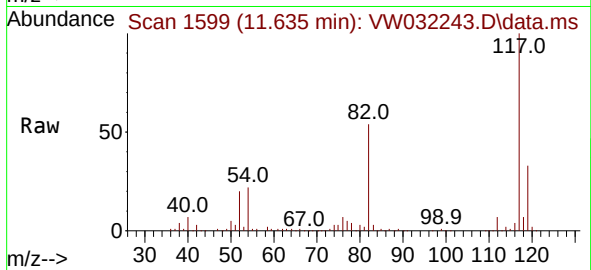




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

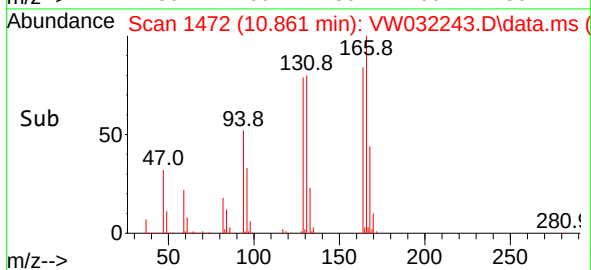
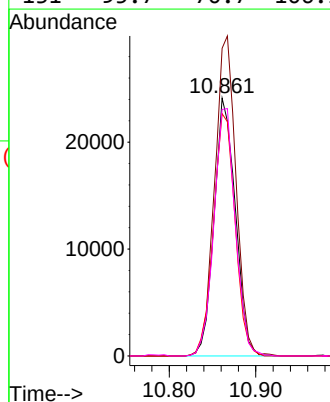
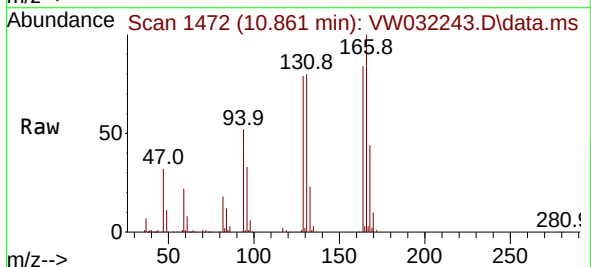
Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

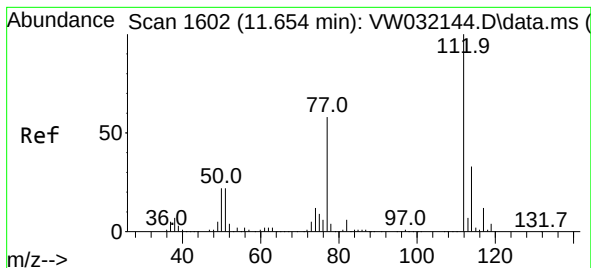
Tgt Ion:117 Resp: 301220
Ion Ratio Lower Upper
117 100
82 53.8 42.7 64.1
119 32.6 25.2 37.8



#64
Tetrachloroethene
Concen: 20.668 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion:164 Resp: 40975
Ion Ratio Lower Upper
164 100
166 119.4 97.5 146.3
129 94.0 71.2 106.8
131 95.7 70.7 106.1

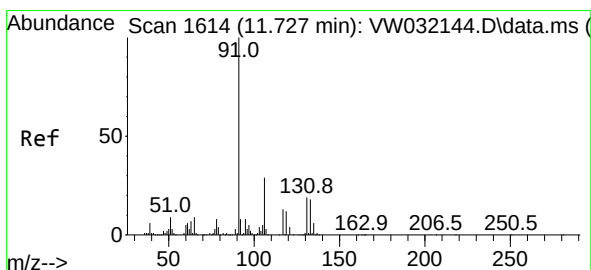
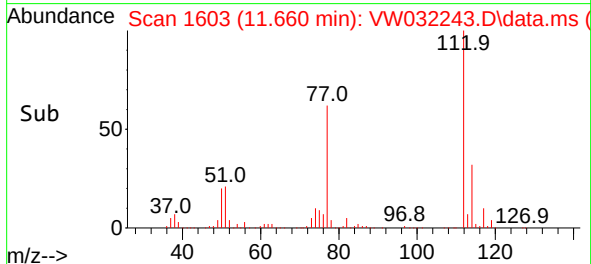
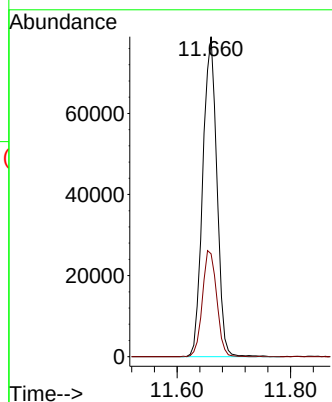
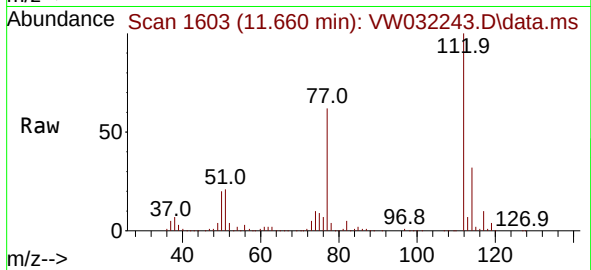




#65
Chlorobenzene
Concen: 19.847 ug/l
RT: 11.660 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

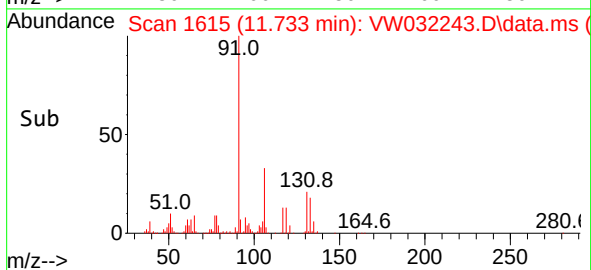
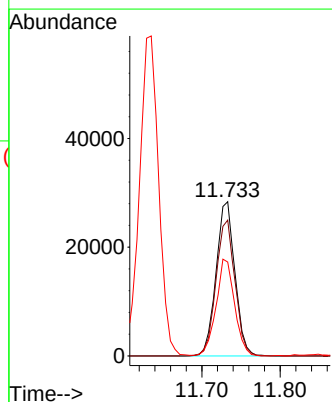
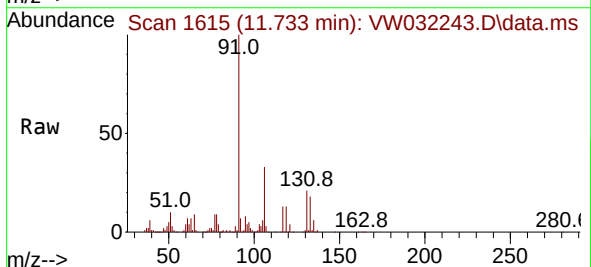
Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

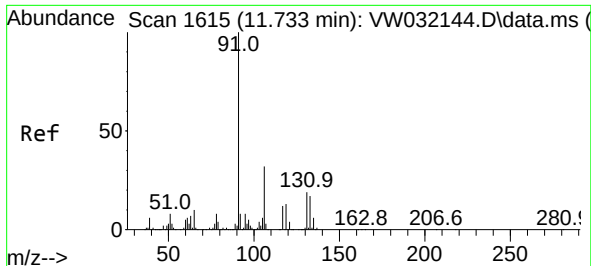
Tgt Ion:112 Resp: 136077
Ion Ratio Lower Upper
112 100
114 32.1 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.043 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion:131 Resp: 47500
Ion Ratio Lower Upper
131 100
133 88.8 47.7 143.1
119 61.8 32.8 98.3





#67

Ethyl Benzene

Concen: 19.722 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. -0.000 min

Lab File: VW032243.D

Acq: 24 Sep 2025 15:03

Instrument :

MSVOA_W

ClientSampleId :

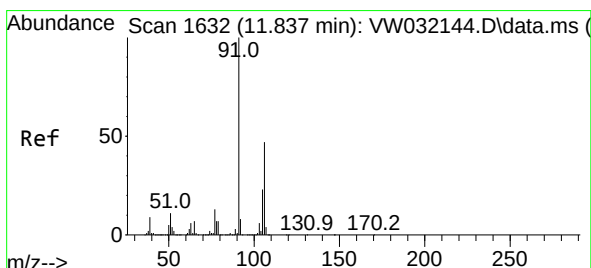
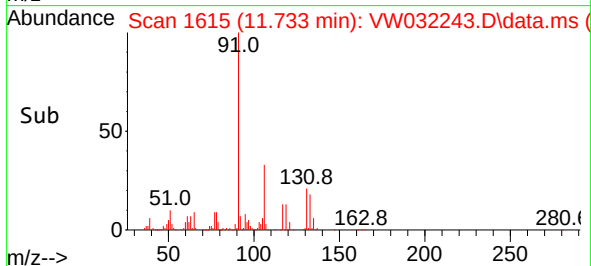
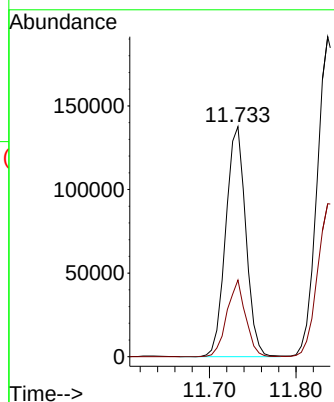
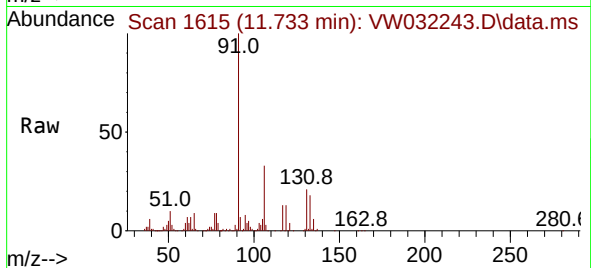
VW0924SBS01

Tgt Ion: 91 Resp: 221550

Ion Ratio Lower Upper

91 100

106 33.3 25.3 37.9



#68

m/p-Xylenes

Concen: 40.874 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW032243.D

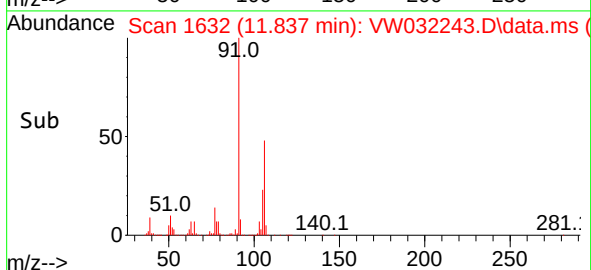
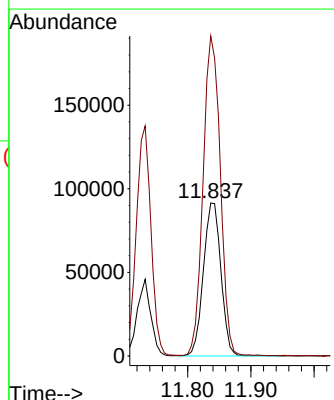
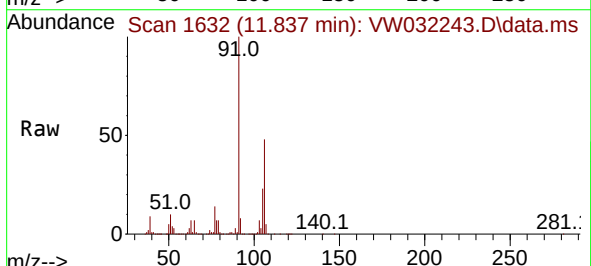
Acq: 24 Sep 2025 15:03

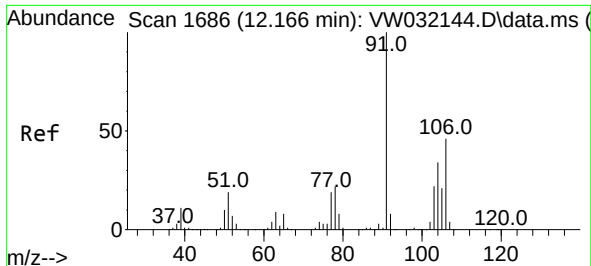
Tgt Ion:106 Resp: 176714

Ion Ratio Lower Upper

106 100

91 206.0 164.2 246.2

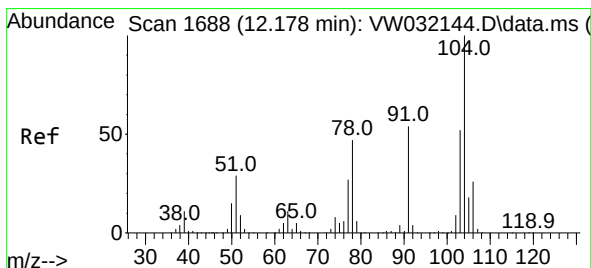
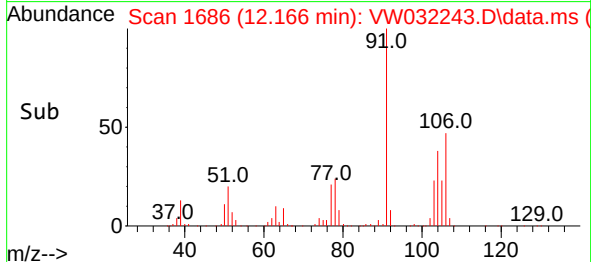
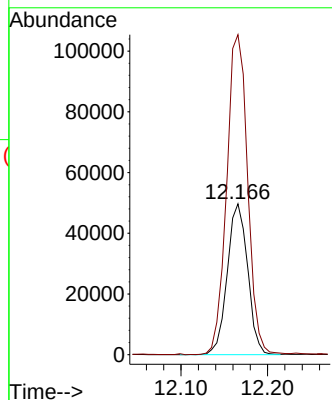
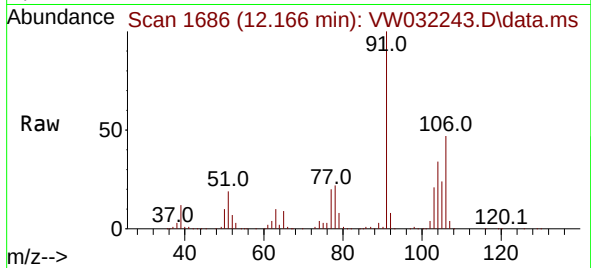




#69
o-Xylene
Concen: 19.870 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

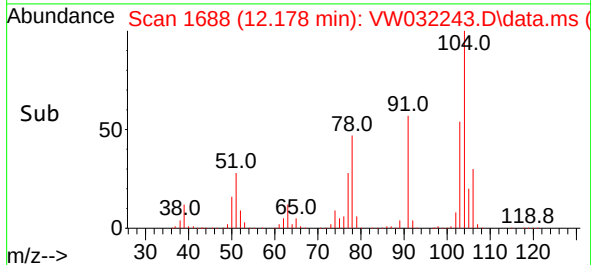
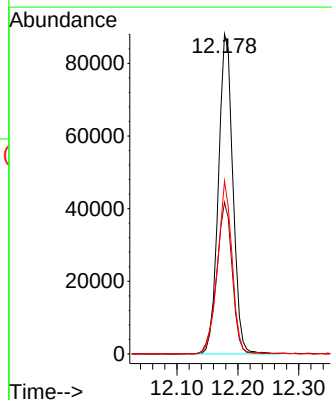
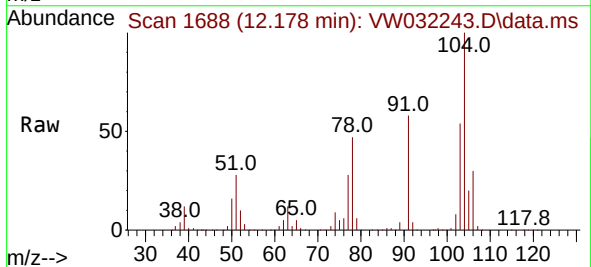
Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

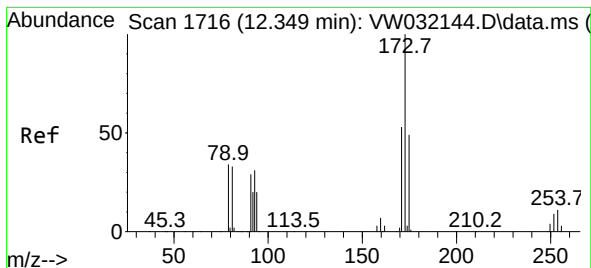
Tgt Ion:106 Resp: 81258
Ion Ratio Lower Upper
106 100
91 217.7 108.7 326.3



#70
Styrene
Concen: 20.271 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion:104 Resp: 146130
Ion Ratio Lower Upper
104 100
78 50.8 41.6 62.4
103 54.1 44.8 67.2





#71

Bromoform

Concen: 20.070 ug/l

RT: 12.349 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032243.D

Acq: 24 Sep 2025 15:03

Instrument :

MSVOA_W

ClientSampleId :

VW0924SBS01

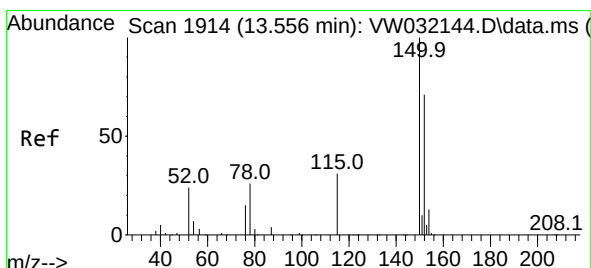
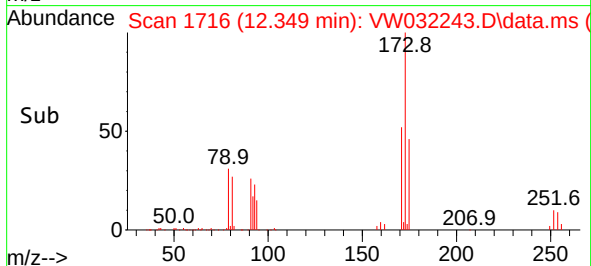
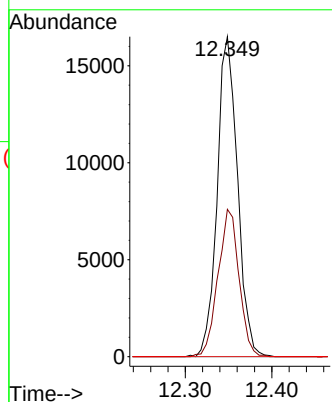
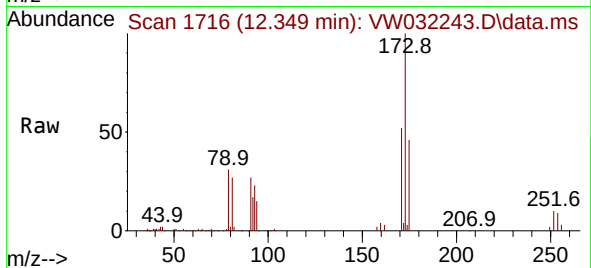
Tgt Ion:173 Resp: 26907

Ion Ratio Lower Upper

173 100

175 47.6 24.9 74.7

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW032243.D

Acq: 24 Sep 2025 15:03

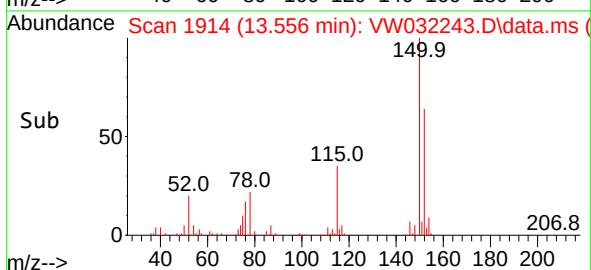
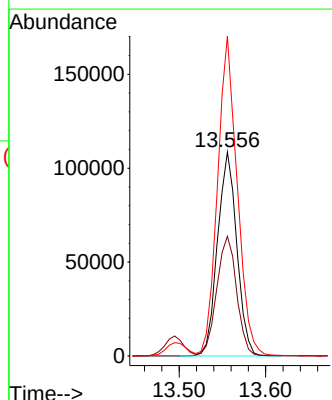
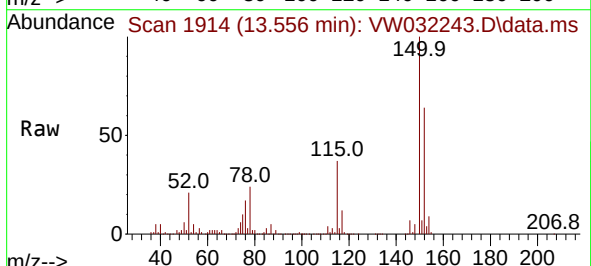
Tgt Ion:152 Resp: 167865

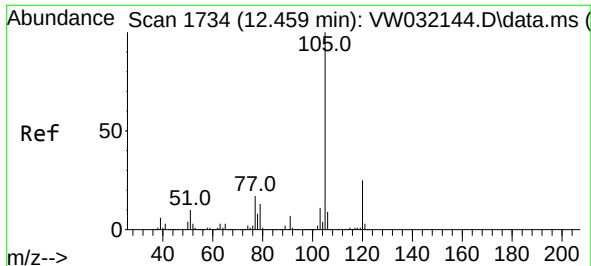
Ion Ratio Lower Upper

152 100

115 60.8 31.8 95.4

150 160.6 0.0 343.0

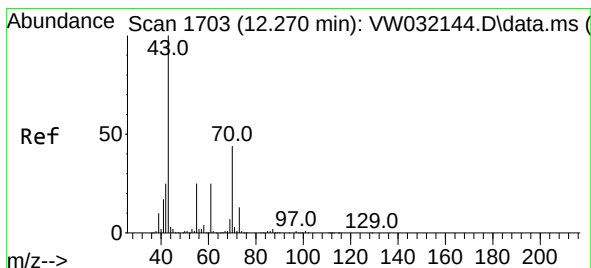
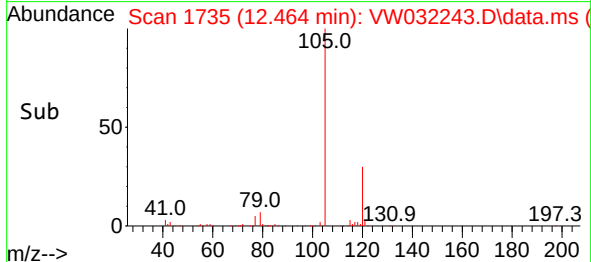
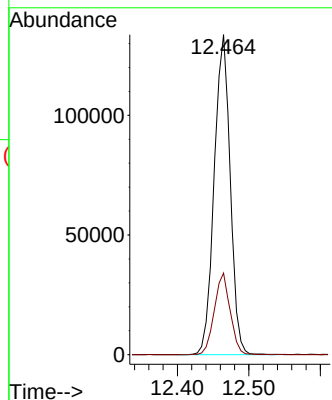
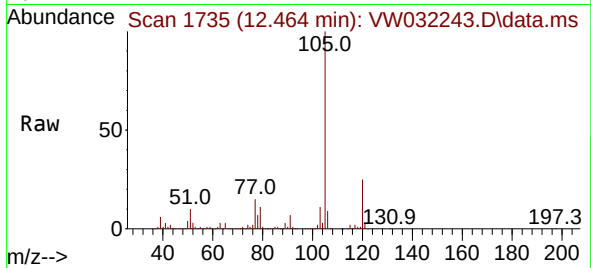




#73
Isopropylbenzene
Concen: 18.211 ug/l
RT: 12.464 min Scan# 1734
Delta R.T. 0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

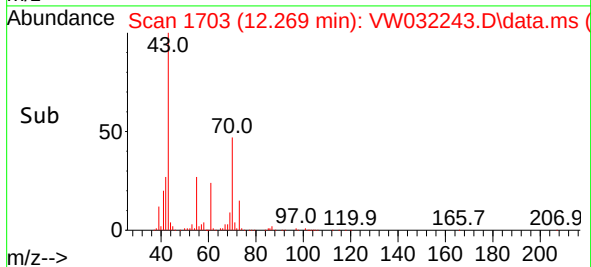
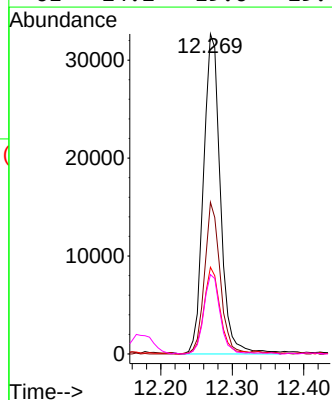
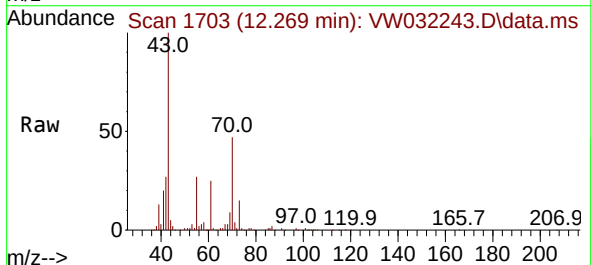
Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

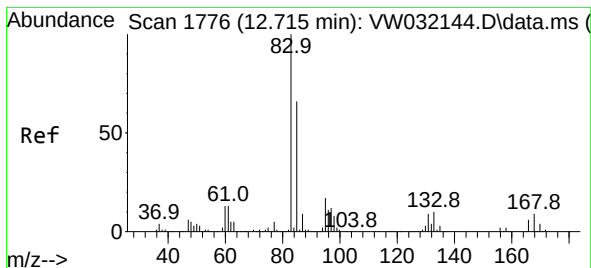
Tgt Ion:105 Resp: 207681
Ion Ratio Lower Upper
105 100
120 25.2 13.0 38.9



#74
N-ethyl acetate
Concen: 16.295 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 43 Resp: 53951
Ion Ratio Lower Upper
43 100
70 43.5 35.3 52.9
55 26.0 19.9 29.9
61 24.2 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.159 ug/l

RT: 12.714 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032243.D

Acq: 24 Sep 2025 15:03

Instrument :

MSVOA_W

ClientSampleId :

VW0924SBS01

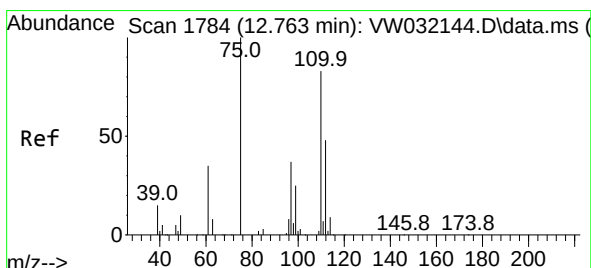
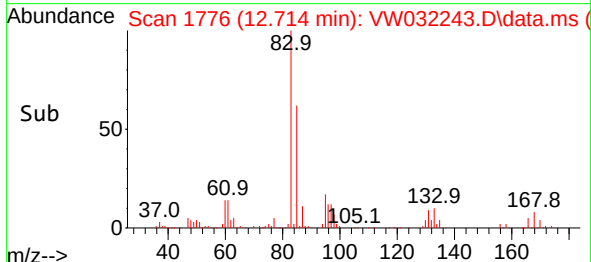
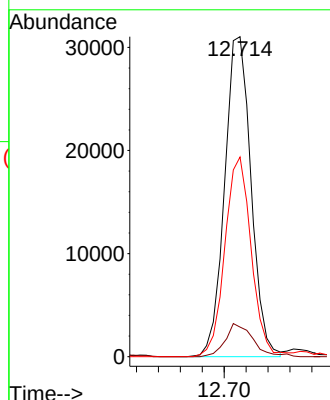
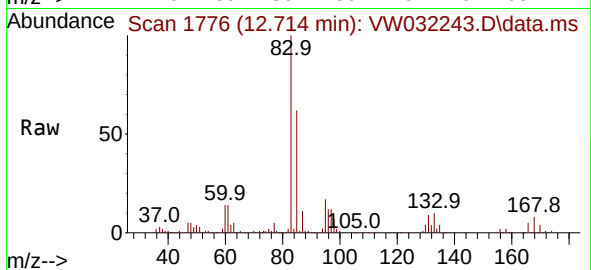
Tgt Ion: 83 Resp: 51924

Ion Ratio Lower Upper

83 100

131 10.8 5.1 15.4

85 62.6 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 29.002 ug/l

RT: 12.769 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VW032243.D

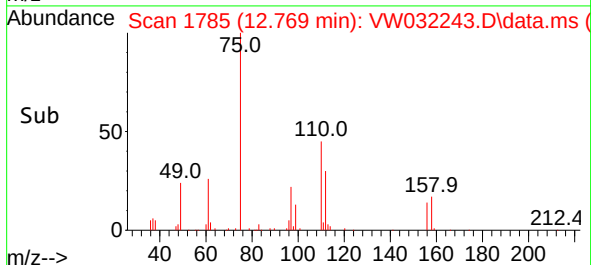
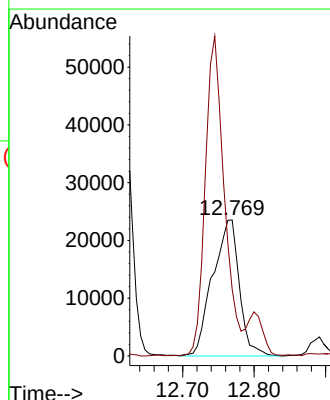
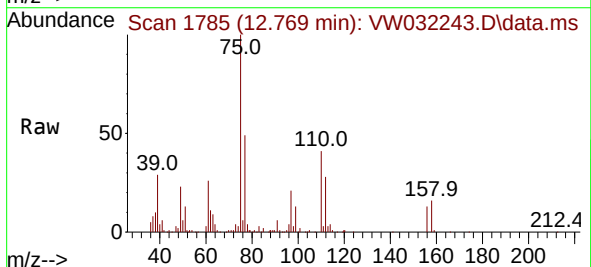
Acq: 24 Sep 2025 15:03

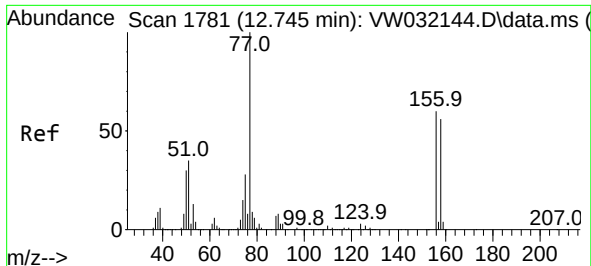
Tgt Ion: 75 Resp: 60992

Ion Ratio Lower Upper

75 100

77 0.0 141.7 425.1#

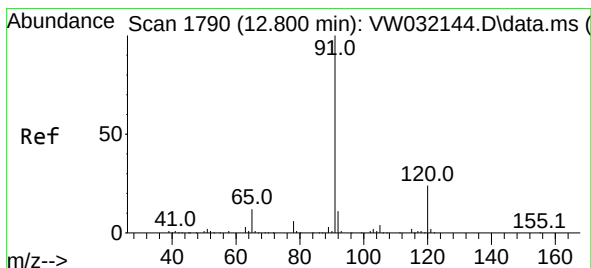
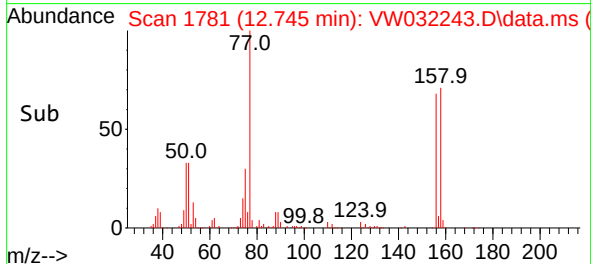
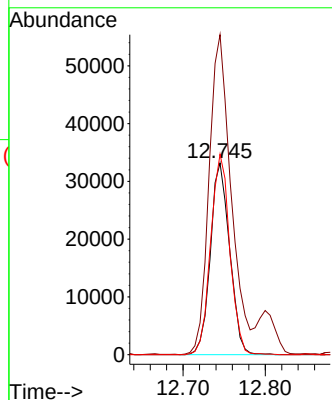
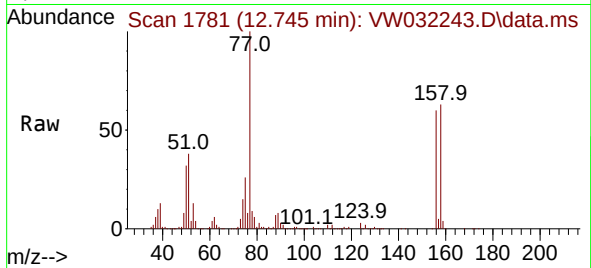




#77
Bromobenzene
Concen: 18.597 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

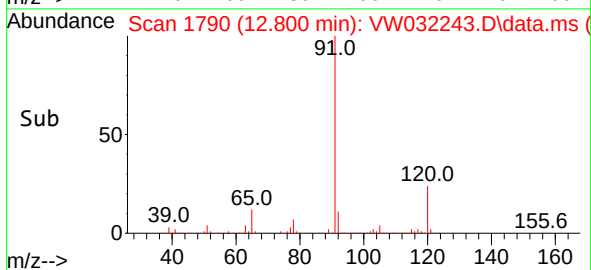
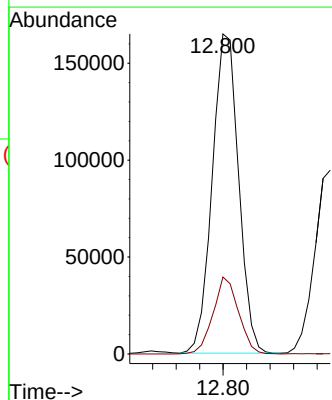
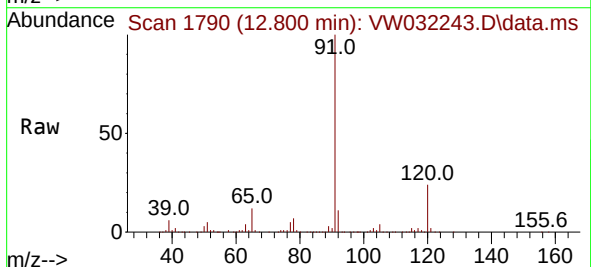
Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

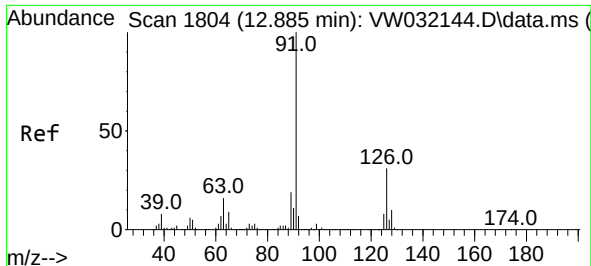
Tgt Ion:156 Resp: 54082
Ion Ratio Lower Upper
156 100
77 189.6 98.6 295.7
158 104.1 48.4 145.0



#78
n-propylbenzene
Concen: 18.557 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 91 Resp: 256934
Ion Ratio Lower Upper
91 100
120 23.2 11.8 35.4





#79

2-Chlorotoluene

Concen: 18.597 ug/l

RT: 12.891 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VW032243.D

Acq: 24 Sep 2025 15:03

Instrument :

MSVOA_W

ClientSampleId :

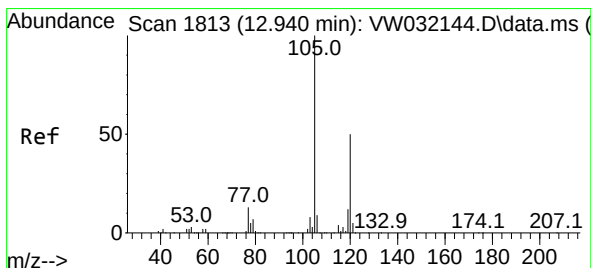
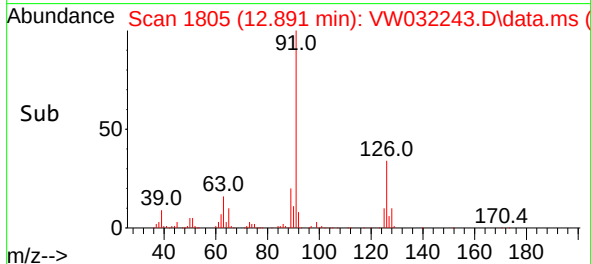
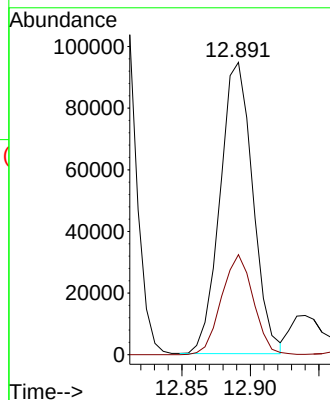
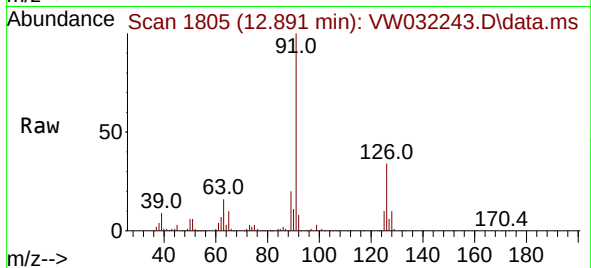
VW0924SBS01

Tgt Ion: 91 Resp: 157454

Ion Ratio Lower Upper

91 100

126 33.3 16.6 49.7



#80

1,3,5-Trimethylbenzene

Concen: 18.993 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW032243.D

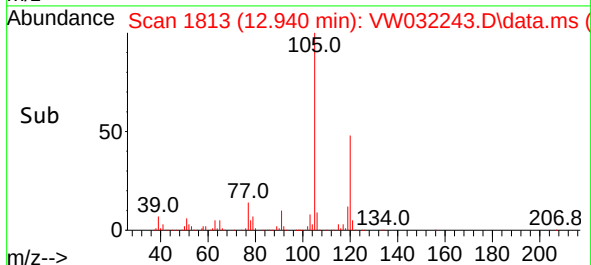
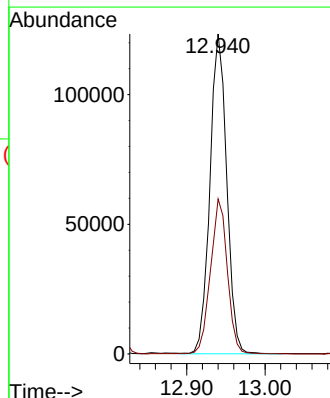
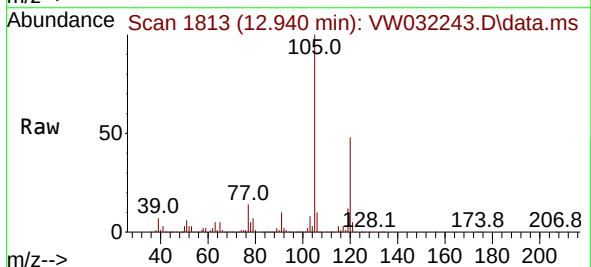
Acq: 24 Sep 2025 15:03

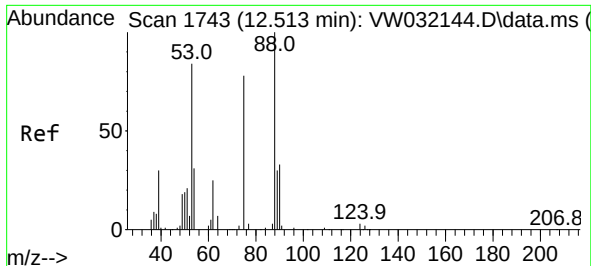
Tgt Ion: 105 Resp: 183385

Ion Ratio Lower Upper

105 100

120 48.3 24.8 74.4

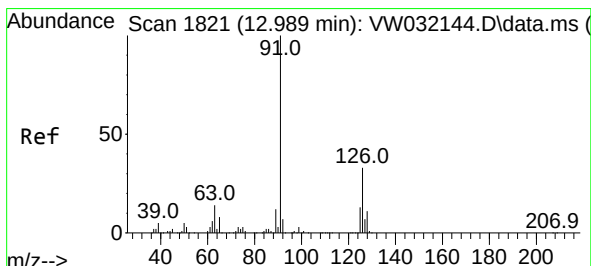
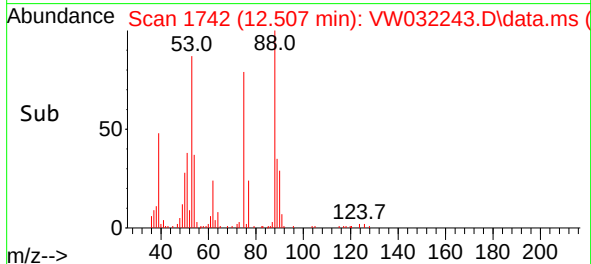
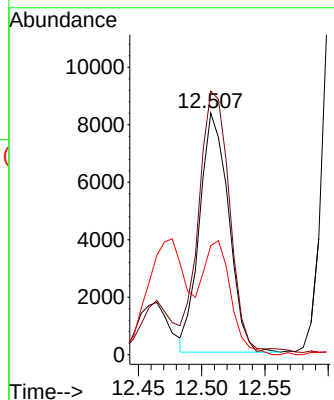
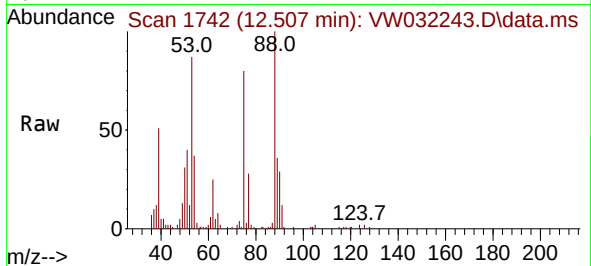




#81
trans-1,4-Dichloro-2-butene
Concen: 17.037 ug/l
RT: 12.507 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

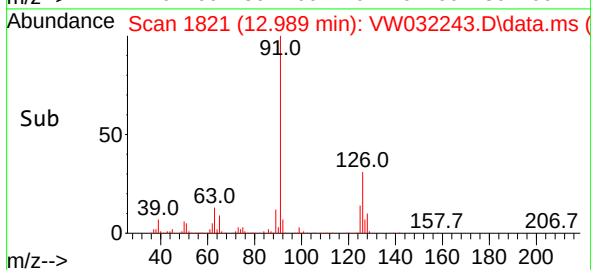
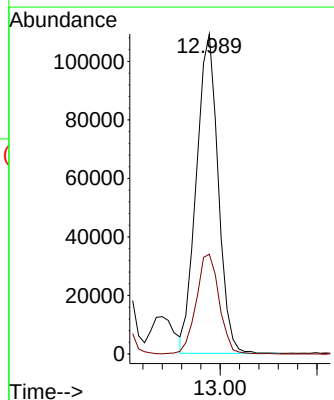
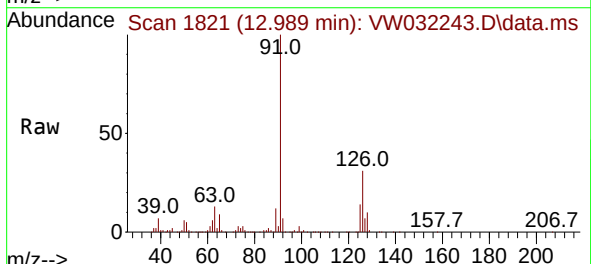
Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

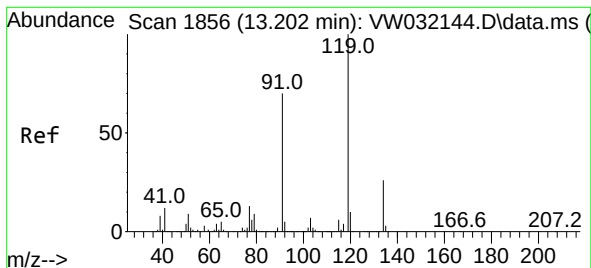
Tgt Ion: 75 Resp: 13307
Ion Ratio Lower Upper
75 100
53 116.3 91.0 136.6
89 44.9 39.4 59.2



#82
4-Chlorotoluene
Concen: 18.851 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 91 Resp: 170841
Ion Ratio Lower Upper
91 100
126 32.9 16.1 48.2

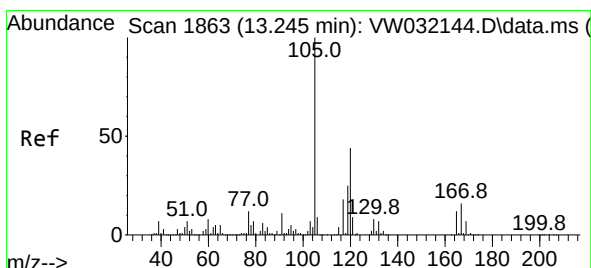
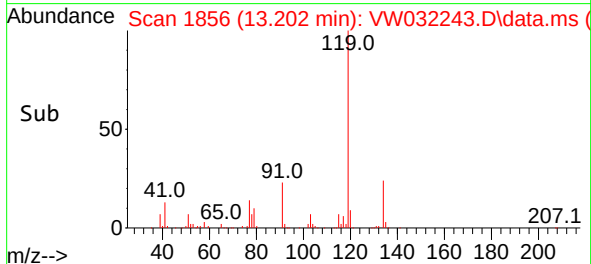
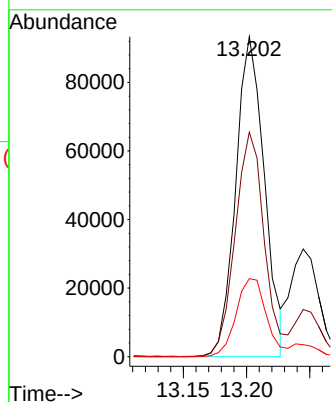
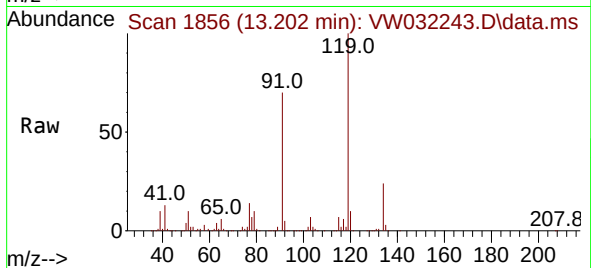




#83
 tert-Butylbenzene
 Concen: 18.022 ug/l
 RT: 13.202 min Scan# 1856
 Delta R.T. -0.000 min
 Lab File: VW032243.D
 Acq: 24 Sep 2025 15:03

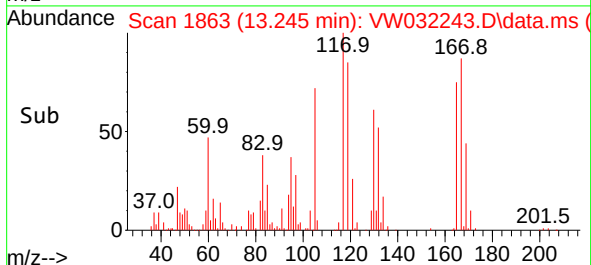
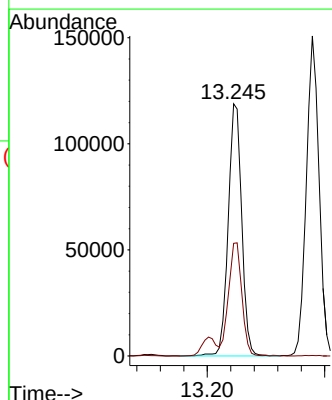
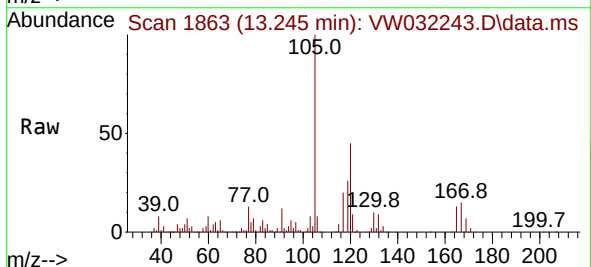
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0924SBS01

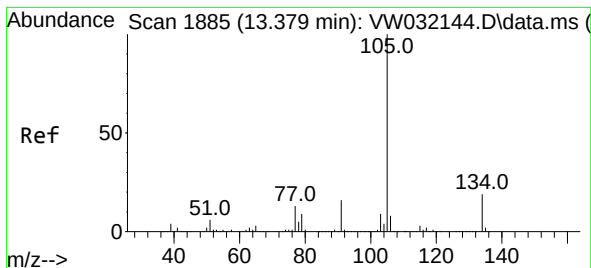
Tgt Ion:119 Resp: 147545
 Ion Ratio Lower Upper
 119 100
 91 71.6 33.8 101.3
 134 26.0 12.5 37.5



#84
 1,2,4-Trimethylbenzene
 Concen: 19.004 ug/l
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW032243.D
 Acq: 24 Sep 2025 15:03

Tgt Ion:105 Resp: 189842
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.1 66.3





#85

sec-Butylbenzene

Concen: 18.508 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VW032243.D

Acq: 24 Sep 2025 15:03

Instrument :

MSVOA_W

ClientSampleId :

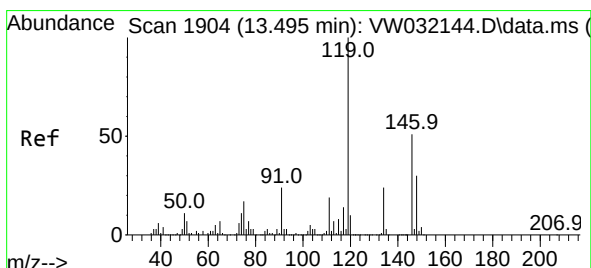
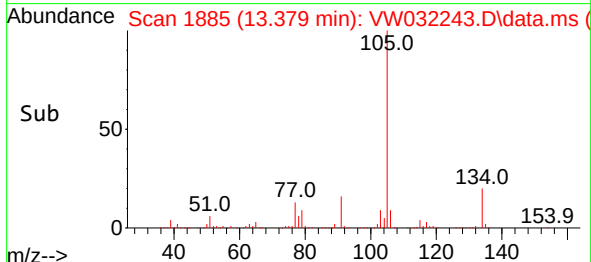
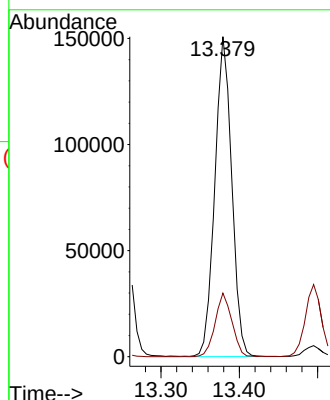
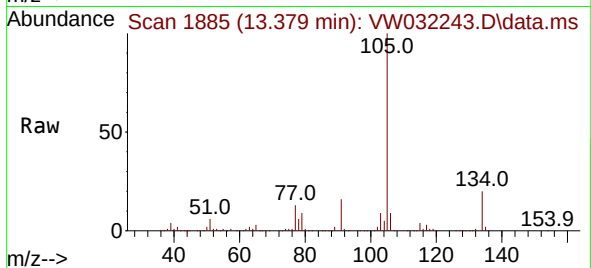
VW0924SBS01

Tgt Ion:105 Resp: 226231

Ion Ratio Lower Upper

105 100

134 19.7 10.1 30.1



#86

p-Isopropyltoluene

Concen: 18.067 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032243.D

Acq: 24 Sep 2025 15:03

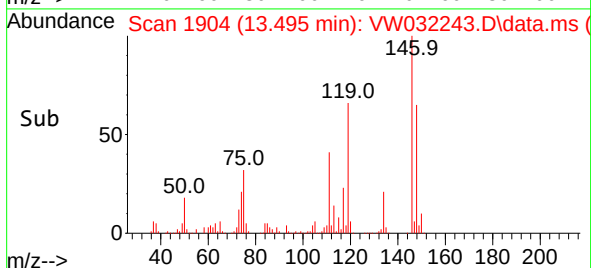
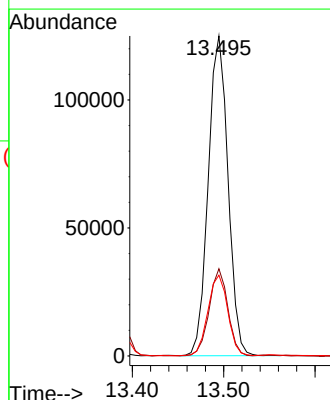
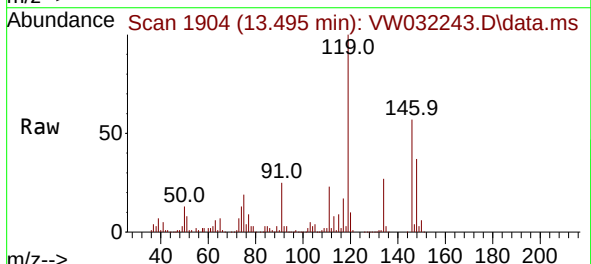
Tgt Ion:119 Resp: 187801

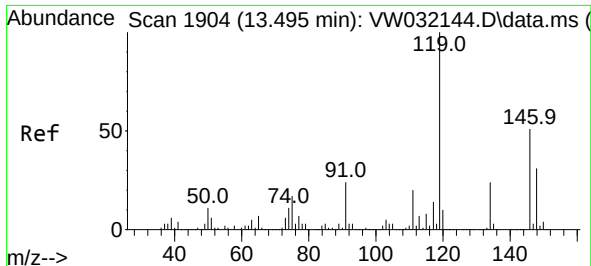
Ion Ratio Lower Upper

119 100

134 25.7 12.6 37.6

91 25.3 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 19.558 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032243.D

Acq: 24 Sep 2025 15:03

Instrument :

MSVOA_W

ClientSampleId :

VW0924SBS01

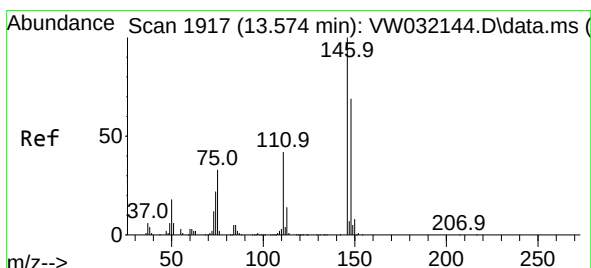
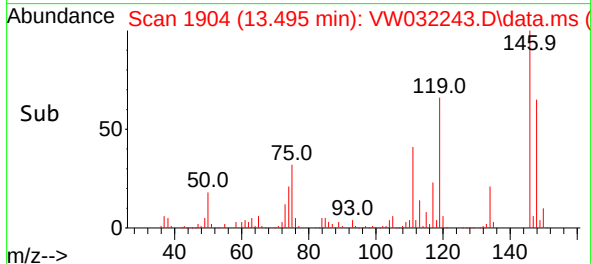
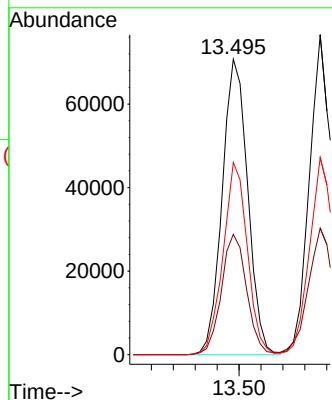
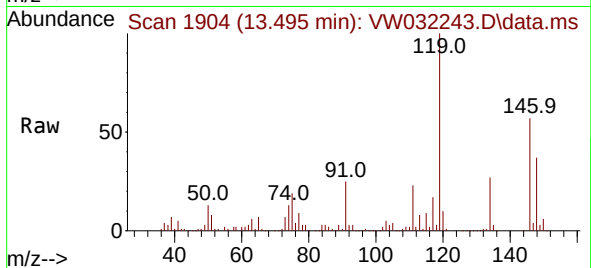
Tgt Ion:146 Resp: 114521

Ion Ratio Lower Upper

146 100

111 40.2 20.6 61.9

148 62.0 30.6 92.0



#88

1,4-Dichlorobenzene

Concen: 19.721 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032243.D

Acq: 24 Sep 2025 15:03

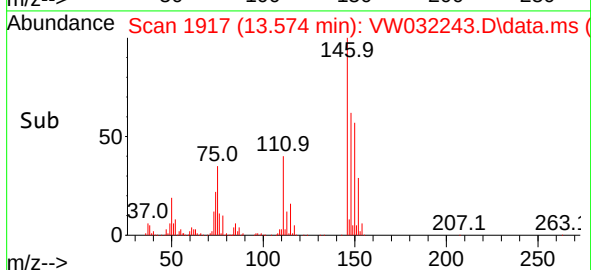
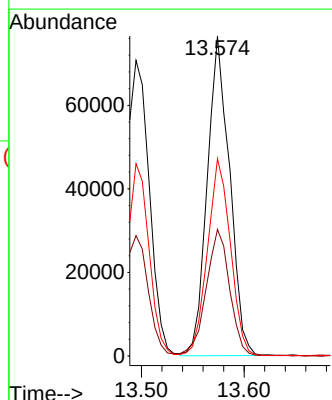
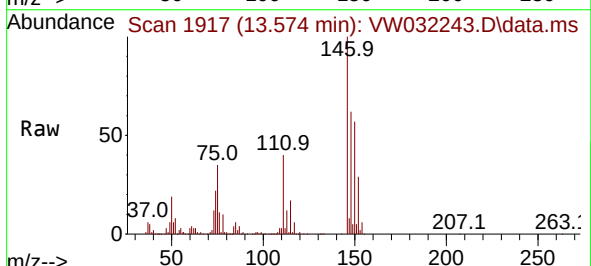
Tgt Ion:146 Resp: 115750

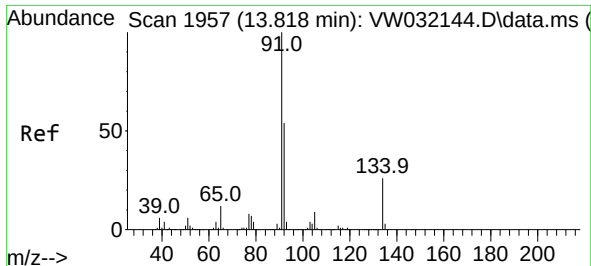
Ion Ratio Lower Upper

146 100

111 41.3 21.3 63.7

148 63.2 33.4 100.1

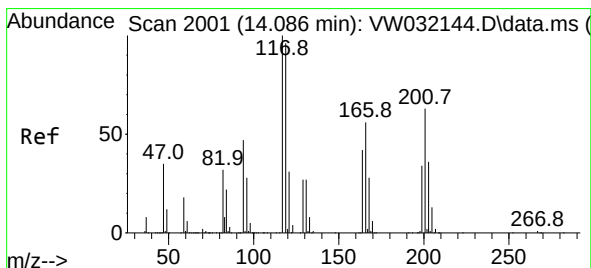
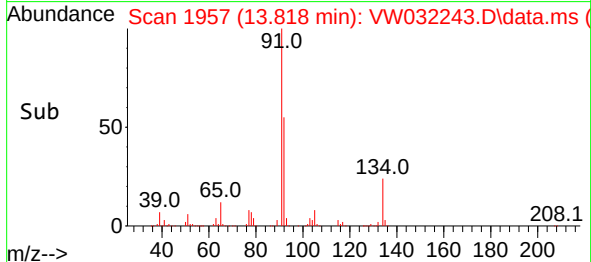
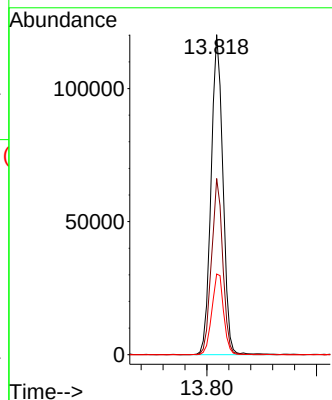
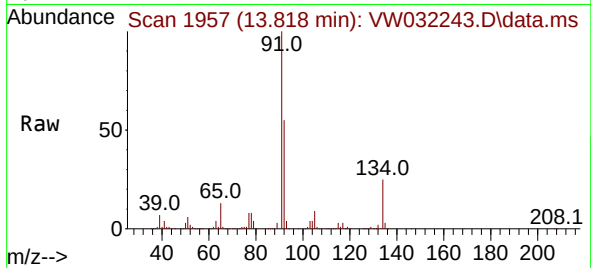




#89
n-Butylbenzene
Concen: 18.110 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

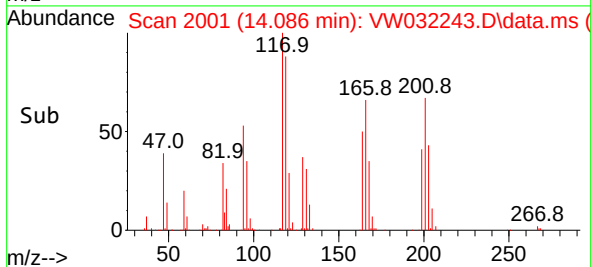
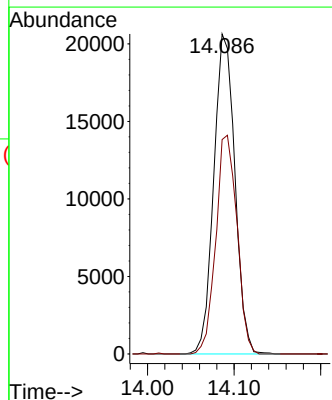
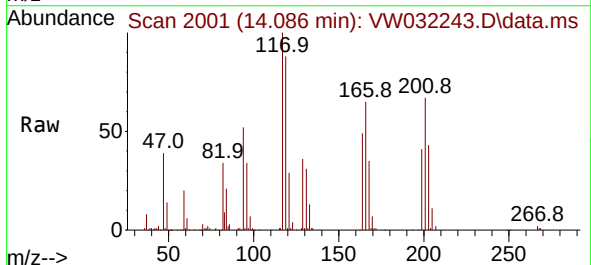
Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

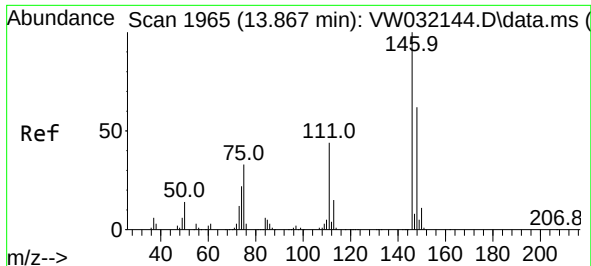
Tgt Ion: 91 Resp: 179474
Ion Ratio Lower Upper
91 100
92 52.4 27.0 81.0
134 25.1 13.1 39.3



#90
Hexachloroethane
Concen: 18.385 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 117 Resp: 34957
Ion Ratio Lower Upper
117 100
201 68.5 32.8 98.4

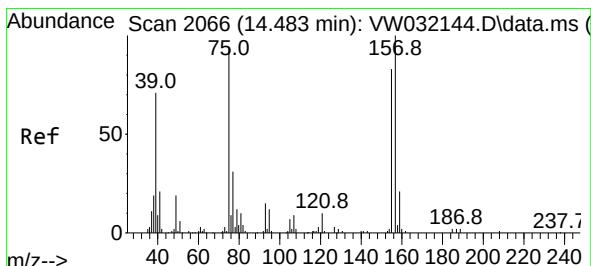
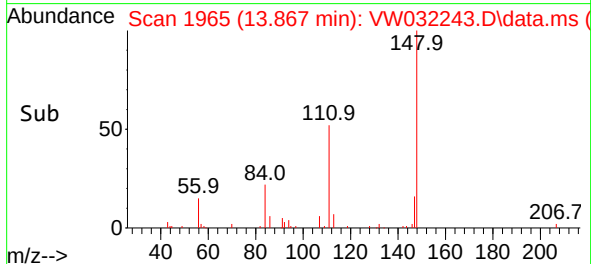
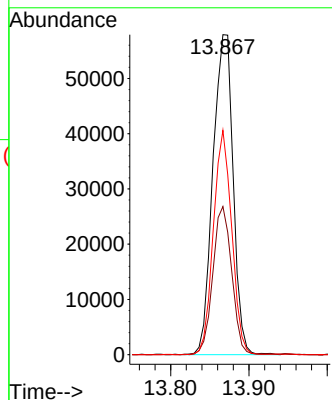
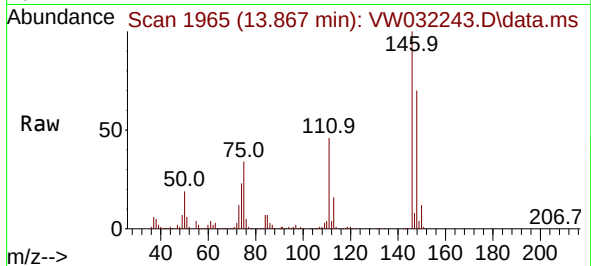




#91
1,2-Dichlorobenzene
Concen: 20.089 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

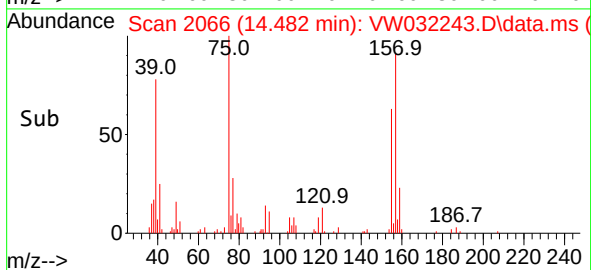
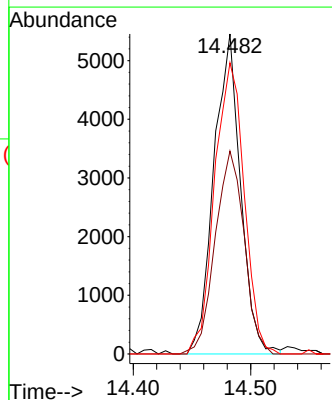
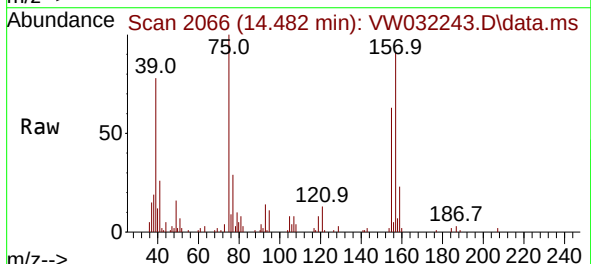
Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

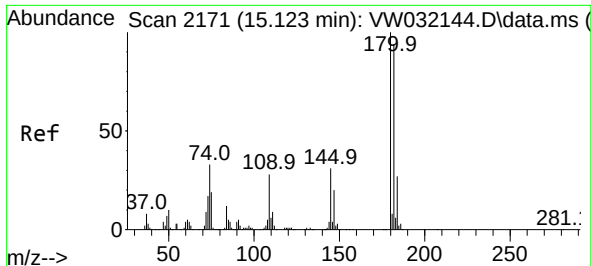
Tgt Ion:146 Resp: 104149
Ion Ratio Lower Upper
146 100
111 43.2 23.4 70.0
148 63.4 34.1 102.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.941 ug/l
RT: 14.482 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 75 Resp: 8590
Ion Ratio Lower Upper
75 100
155 68.8 40.8 122.5
157 101.1 51.8 155.4

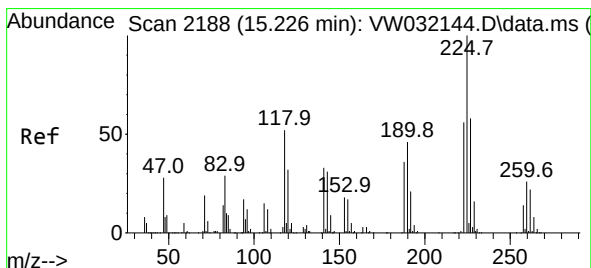
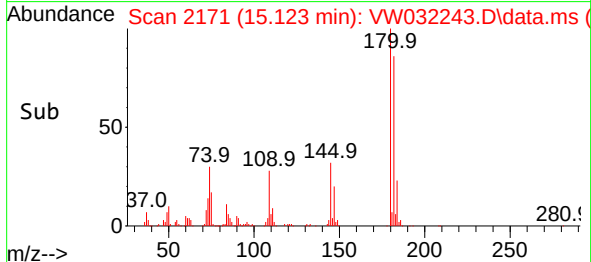
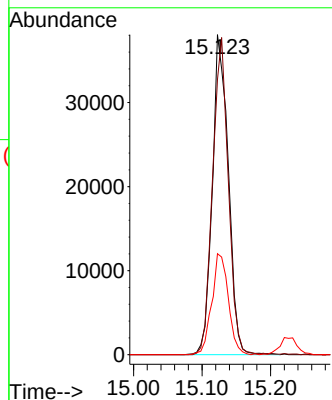
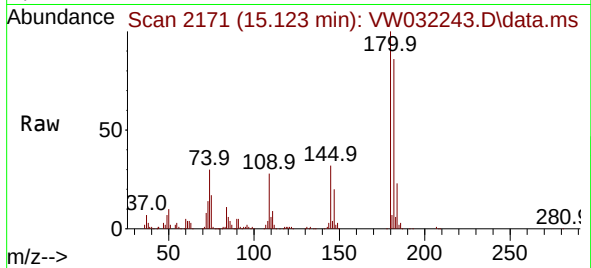




#93
1,2,4-Trichlorobenzene
Concen: 18.663 ug/l
RT: 15.123 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

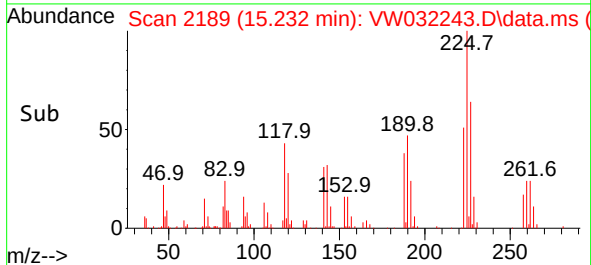
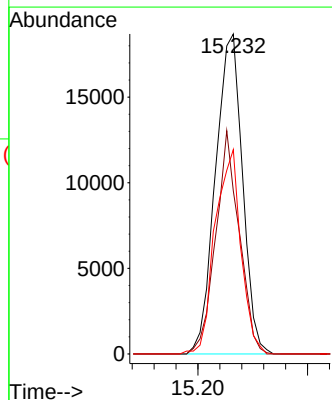
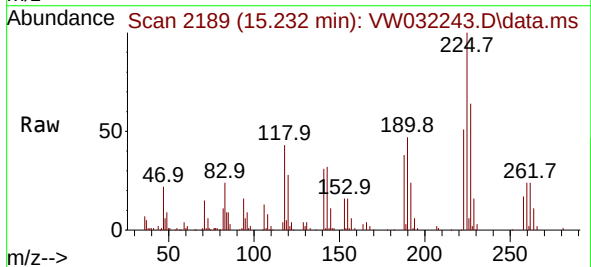
Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

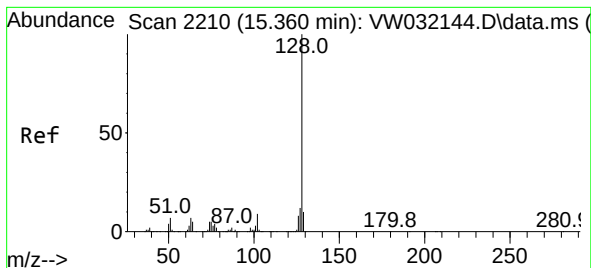
Tgt Ion:180 Resp: 61818
Ion Ratio Lower Upper
180 100
182 97.5 47.4 142.2
145 32.7 16.4 49.1



#94
Hexachlorobutadiene
Concen: 19.489 ug/l
RT: 15.232 min Scan# 2189
Delta R.T. 0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion:225 Resp: 32015
Ion Ratio Lower Upper
225 100
223 60.7 29.8 89.3
227 61.0 30.5 91.5





#95

Naphthalene

Concen: 16.864 ug/l

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW032243.D

Acq: 24 Sep 2025 15:03

Instrument :

MSVOA_W

ClientSampleId :

VW0924SBS01

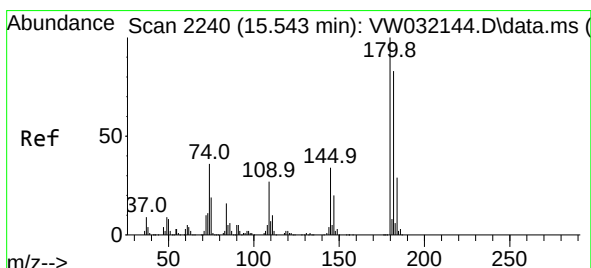
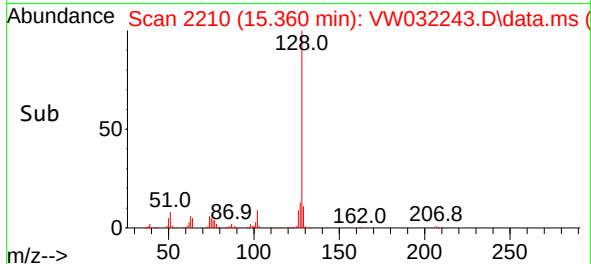
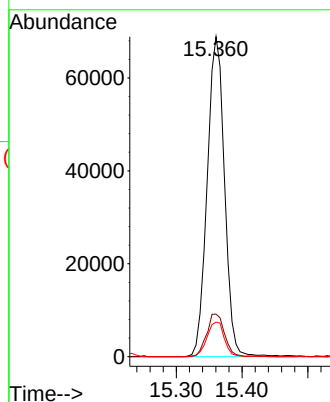
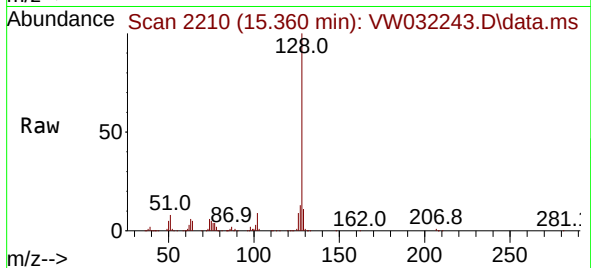
Tgt Ion:128 Resp: 126413

Ion Ratio Lower Upper

128 100

127 13.8 10.6 16.0

129 10.9 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 18.298 ug/l

RT: 15.543 min Scan# 2240

Delta R.T. -0.000 min

Lab File: VW032243.D

Acq: 24 Sep 2025 15:03

Tgt Ion:180 Resp: 56366

Ion Ratio Lower Upper

180 100

182 100.0 47.7 143.1

145 35.9 17.2 51.6

