

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092225\
 Data File : VW032225.D
 Acq On : 22 Sep 2025 11:13
 Operator : SY/MD
 Sample : VW0922SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0922SBS01

Quant Time: Sep 23 06:03:47 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	187927	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	311645	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	278316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	149741	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	133390	49.632	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	99.260%
35) Dibromofluoromethane	7.898	113	112847	51.611	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	103.220%
50) Toluene-d8	10.324	98	388258	50.583	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	101.160%
62) 4-Bromofluorobenzene	12.617	95	140259	49.416	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	98.840%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.039	85	28449	22.929	ug/l	99
3) Chloromethane	2.253	50	30897	23.751	ug/l	98
4) Vinyl Chloride	2.405	62	44803	26.516	ug/l	99
5) Bromomethane	2.820	94	36439	24.150	ug/l	99
6) Chloroethane	2.972	64	31263	26.273	ug/l	99
7) Trichlorofluoromethane	3.301	101	32781	19.581	ug/l	85
8) Diethyl Ether	3.722	74	26577	21.273	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.100	101	44105	23.386	ug/l	97
10) Methyl Iodide	4.301	142	66325	23.096	ug/l	99
11) Tert butyl alcohol	5.203	59	16844	102.461	ug/l	97
12) 1,1-Dichloroethene	4.076	96	45112	22.713	ug/l	93
13) Acrolein	3.923	56	12309	48.710	ug/l	94
14) Allyl chloride	4.704	41	60707	21.518	ug/l	99
15) Acrylonitrile	5.405	53	65654	108.087	ug/l	98
16) Acetone	4.155	43	74094	127.297	ug/l	98
17) Carbon Disulfide	4.411	76	105274	21.192	ug/l	100
18) Methyl Acetate	4.704	43	40173	21.662	ug/l	97
19) Methyl tert-butyl Ether	5.466	73	82113	21.893	ug/l	99
20) Methylene Chloride	4.947	84	55706	20.770	ug/l	97
21) trans-1,2-Dichloroethene	5.459	96	48578	21.894	ug/l	94
22) Diisopropyl ether	6.337	45	135065	21.997	ug/l	96
23) Vinyl Acetate	6.276	43	445676	106.756	ug/l	99
24) 1,1-Dichloroethane	6.246	63	88010	21.894	ug/l	99
25) 2-Butanone	7.191	43	95300	115.544	ug/l	98
26) 2,2-Dichloropropane	7.185	77	48154	22.621	ug/l	99
27) cis-1,2-Dichloroethene	7.185	96	58029	21.493	ug/l	99
28) Bromochloromethane	7.526	49	40232	21.863	ug/l	98
29) Tetrahydrofuran	7.544	42	56754	108.283	ug/l	99
30) Chloroform	7.691	83	100842	21.972	ug/l	98
31) Cyclohexane	7.965	56	68291	20.698	ug/l	94
32) 1,1,1-Trichloroethane	7.886	97	72198	21.549	ug/l	99
36) 1,1-Dichloropropene	8.093	75	63738	22.483	ug/l	97
37) Ethyl Acetate	7.276	43	38274	22.505	ug/l	98
38) Carbon Tetrachloride	8.081	117	70220	23.106	ug/l	93
39) Methylcyclohexane	9.343	83	72720	21.657	ug/l	98
40) Benzene	8.337	78	203724	23.248	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	21852	23.127	ug/l #	89
42) 1,2-Dichloroethane	8.410	62	69217	22.785	ug/l	97
43) Isopropyl Acetate	8.435	43	68648	21.517	ug/l	99
44) Trichloroethene	9.099	130	51023	23.153	ug/l	88
45) 1,2-Dichloropropane	9.373	63	47745	22.601	ug/l	99
46) Dibromomethane	9.465	93	34979	23.608	ug/l	94
47) Bromodichloromethane	9.648	83	74758	22.203	ug/l	93
48) Methyl methacrylate	9.440	41	31189	21.213	ug/l	95
49) 1,4-Dioxane	9.459	88	7828	437.268	ug/l #	81
51) 4-Methyl-2-Pentanone	10.215	43	207549	115.209	ug/l	98
52) Toluene	10.392	92	125831	21.973	ug/l	99
53) t-1,3-Dichloropropene	10.611	75	63823	21.487	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	75920	22.400	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	42163	21.883	ug/l	96
56) Ethyl methacrylate	10.648	69	50570	20.530	ug/l	99
57) 1,3-Dichloropropane	10.934	76	71180	22.063	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	142908	108.695	ug/l	99
59) 2-Hexanone	10.971	43	146967	117.302	ug/l	96
60) Dibromochloromethane	11.129	129	50939	21.849	ug/l	99
61) 1,2-Dibromoethane	11.239	107	41797	22.060	ug/l	99
64) Tetrachloroethene	10.867	164	41068	22.420	ug/l	94
65) Chlorobenzene	11.660	112	142211	22.449	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.727	131	45715	21.919	ug/l	94
67) Ethyl Benzene	11.727	91	234526	22.596	ug/l	96
68) m/p-Xylenes	11.836	106	181059	45.326	ug/l	98
69) o-Xylene	12.166	106	82569	21.853	ug/l	98
70) Styrene	12.178	104	152436	22.886	ug/l	99
71) Bromoform	12.348	173	26276	21.212	ug/l #	99
73) Isopropylbenzene	12.464	105	213428	20.980	ug/l	100
74) N-amyl acetate	12.269	43	62428	21.137	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.708	83	55501	22.957	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	67036	35.734	ug/l	37
77) Bromobenzene	12.745	156	55551	21.414	ug/l	99
78) n-propylbenzene	12.800	91	274564	22.231	ug/l	97
79) 2-Chlorotoluene	12.891	91	162879	21.566	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	190145	22.077	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.507	75	14759	21.183	ug/l	99
82) 4-Chlorotoluene	12.989	91	173833	21.503	ug/l	100
83) tert-Butylbenzene	13.202	119	159402	21.827	ug/l	100
84) 1,2,4-Trimethylbenzene	13.245	105	191894	21.535	ug/l	99
85) sec-Butylbenzene	13.379	105	233605	21.425	ug/l	98
86) p-Isopropyltoluene	13.495	119	196140	21.153	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	114203	21.864	ug/l	100
88) 1,4-Dichlorobenzene	13.574	146	112551	21.497	ug/l	98
89) n-Butylbenzene	13.818	91	188875	21.365	ug/l	97
90) Hexachloroethane	14.086	117	35948	21.195	ug/l	100
91) 1,2-Dichlorobenzene	13.867	146	103752	22.435	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.482	75	9189	21.515	ug/l	93
93) 1,2,4-Trichlorobenzene	15.128	180	57017	19.297	ug/l	99
94) Hexachlorobutadiene	15.226	225	27502	18.768	ug/l	93
95) Naphthalene	15.360	128	132654	19.838	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	53332	19.409	ug/l	96

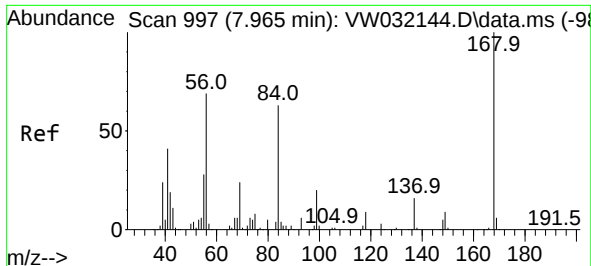
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092225\
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

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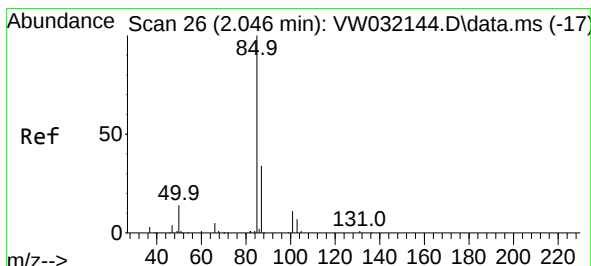
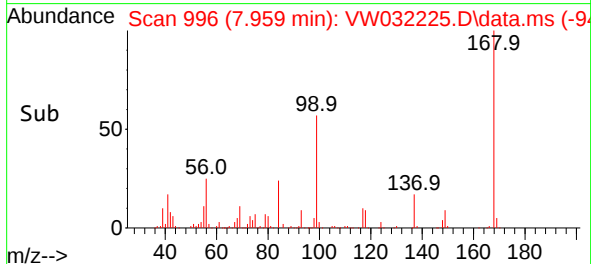
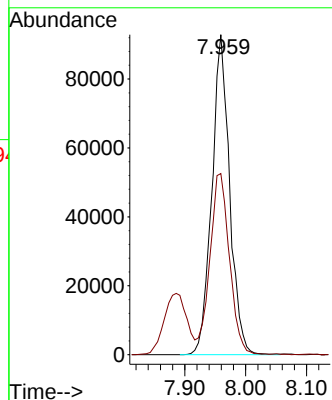
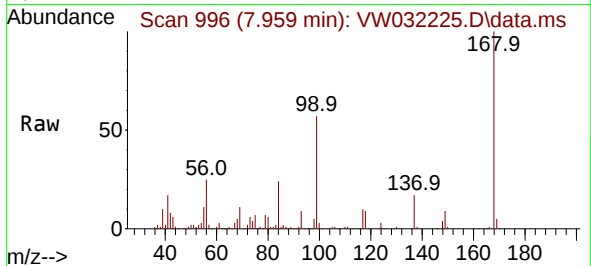
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW032225.D
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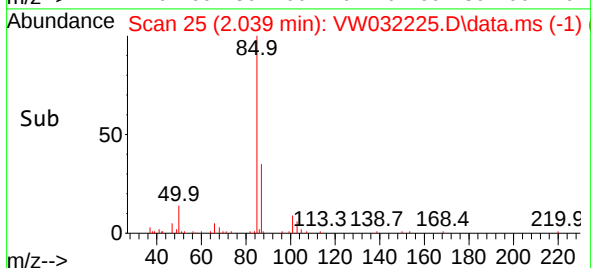
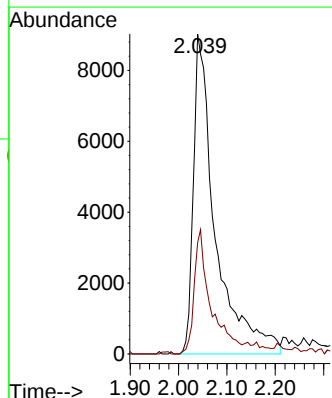
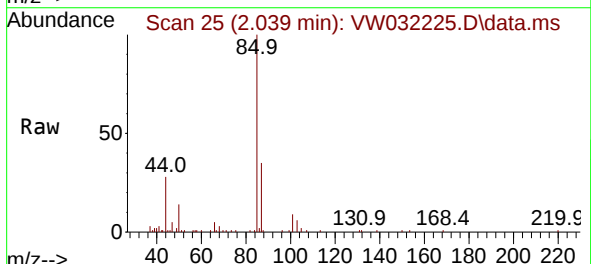
Instrument :
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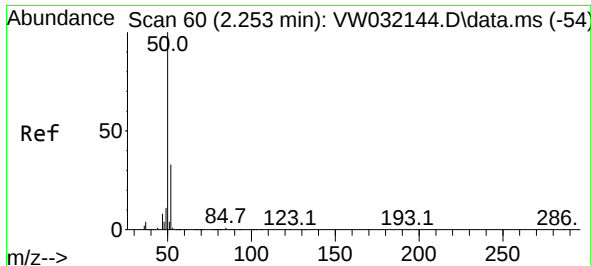
Tgt Ion:168 Resp: 187927
Ion Ratio Lower Upper
168 100
99 56.5 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 22.929 ug/l
RT: 2.039 min Scan# 25
Delta R.T. -0.006 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

Tgt Ion: 85 Resp: 28449
Ion Ratio Lower Upper
85 100
87 34.8 17.2 51.6

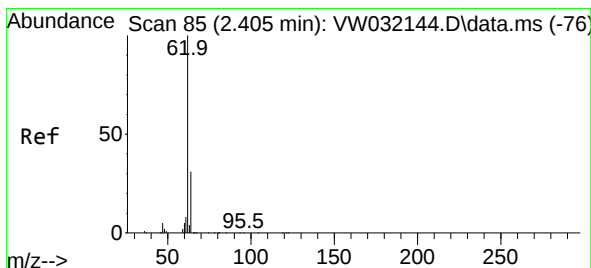
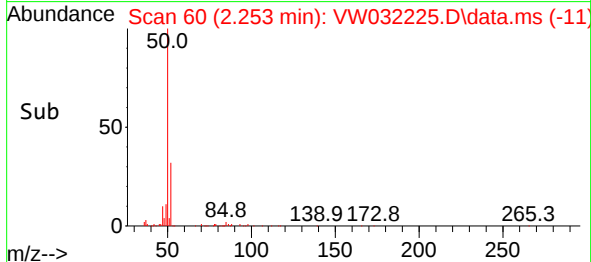
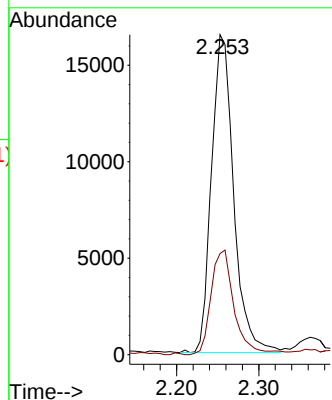
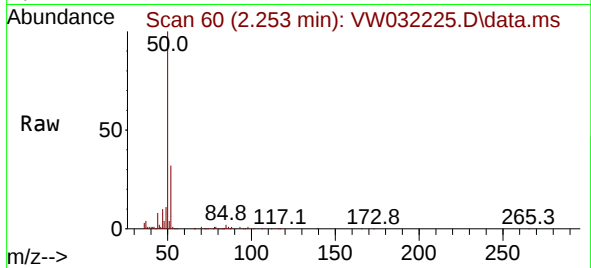




#3
Chloromethane
Concen: 23.751 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.000 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

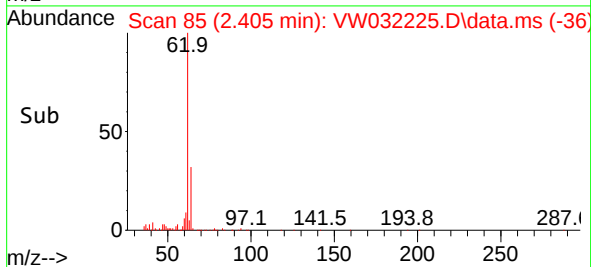
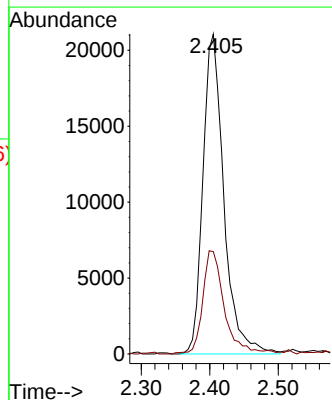
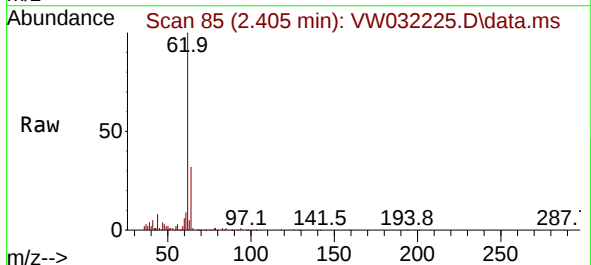
Instrument :
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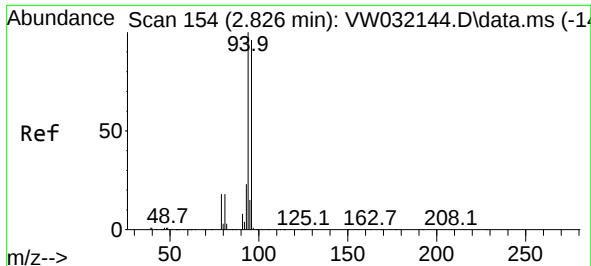
Tgt Ion: 50 Resp: 30897
Ion Ratio Lower Upper
50 100
52 31.5 26.1 39.1



#4
Vinyl Chloride
Concen: 26.516 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

Tgt Ion: 62 Resp: 44803
Ion Ratio Lower Upper
62 100
64 31.7 24.8 37.2

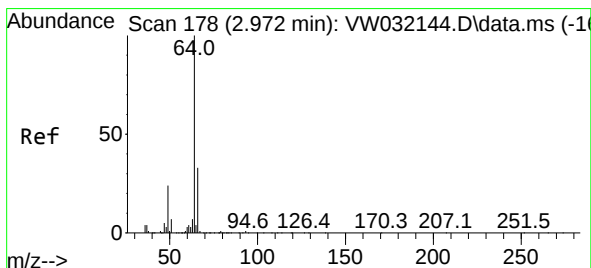
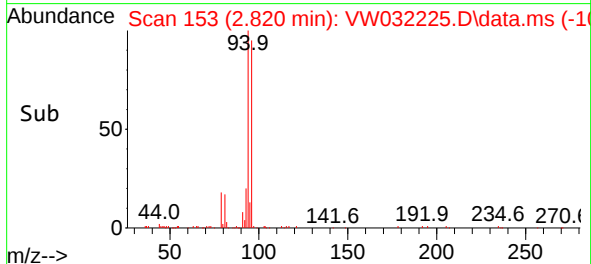
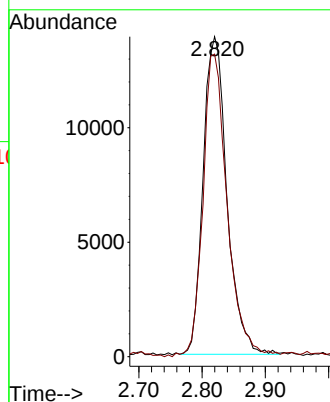
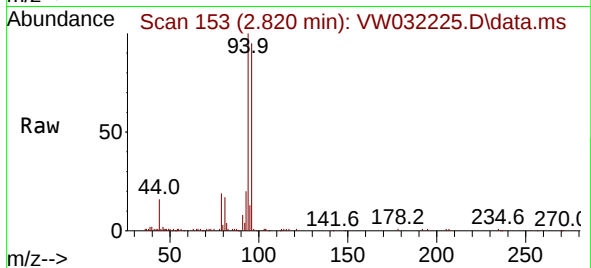




#5
Bromomethane
Concen: 24.150 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

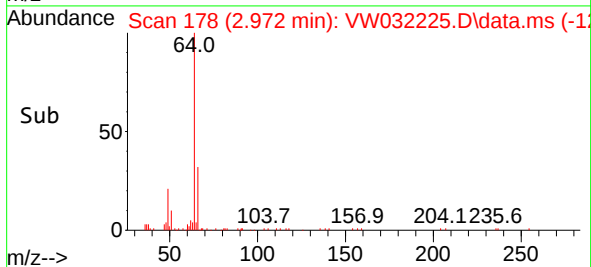
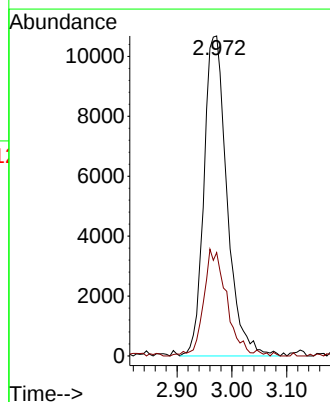
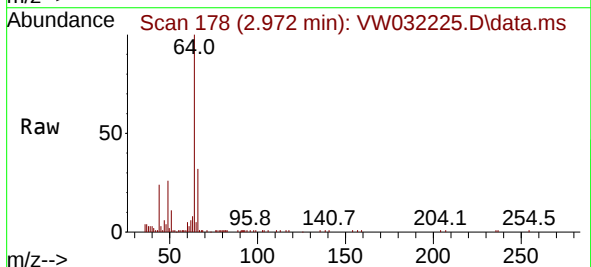
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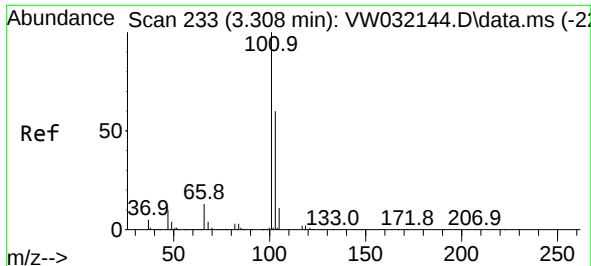
Tgt Ion: 94 Resp: 36439
Ion Ratio Lower Upper
94 100
96 94.5 76.6 115.0



#6
Chloroethane
Concen: 26.273 ug/l
RT: 2.972 min Scan# 178
Delta R.T. -0.000 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

Tgt Ion: 64 Resp: 31263
Ion Ratio Lower Upper
64 100
66 32.3 26.2 39.4

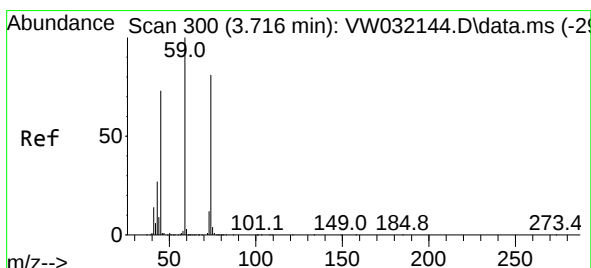
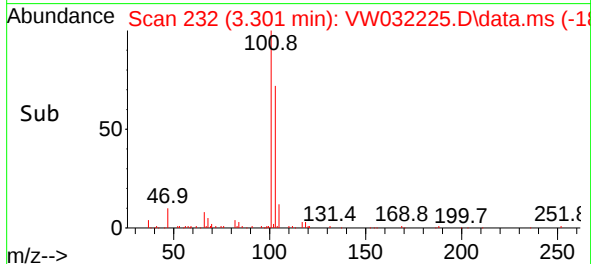
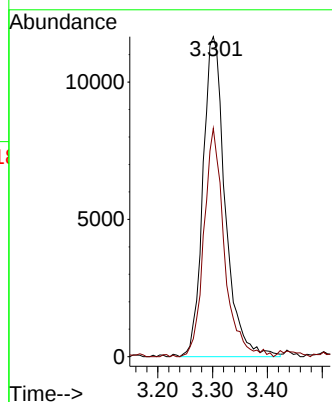
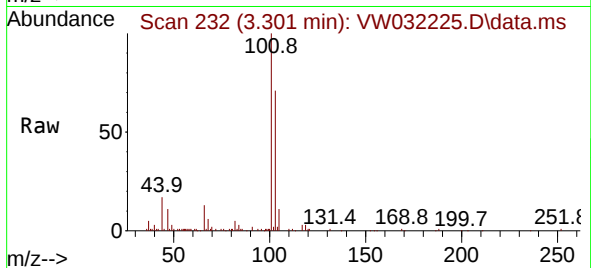




#7
 Trichlorofluoromethane
 Concen: 19.581 ug/l
 RT: 3.301 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW032225.D
 Acq: 22 Sep 2025 11:13

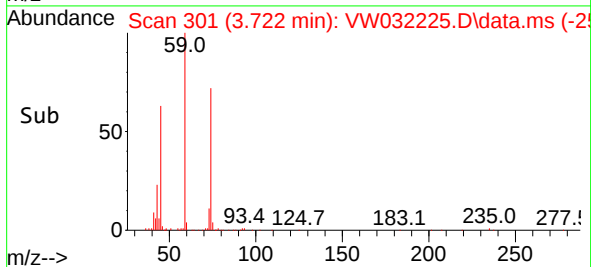
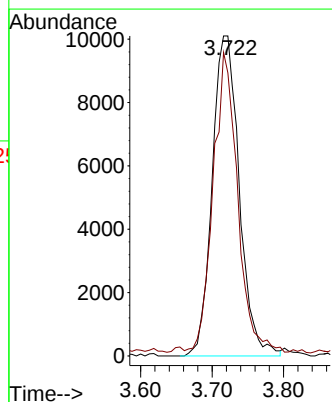
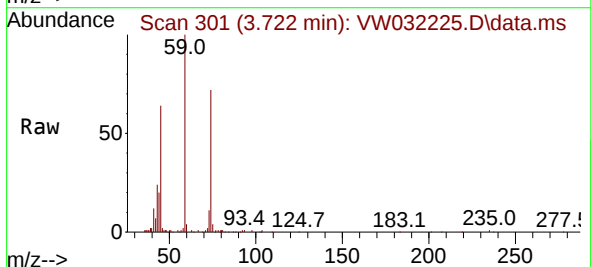
Instrument :
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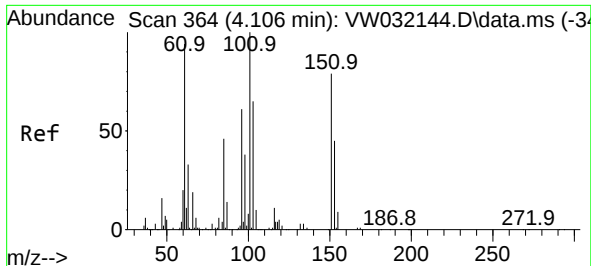
Tgt Ion:101 Resp: 32781
 Ion Ratio Lower Upper
 101 100
 103 71.3 47.8 71.8



#8
 Diethyl Ether
 Concen: 21.273 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.006 min
 Lab File: VW032225.D
 Acq: 22 Sep 2025 11:13

Tgt Ion: 74 Resp: 26577
 Ion Ratio Lower Upper
 74 100
 45 84.3 43.1 129.4

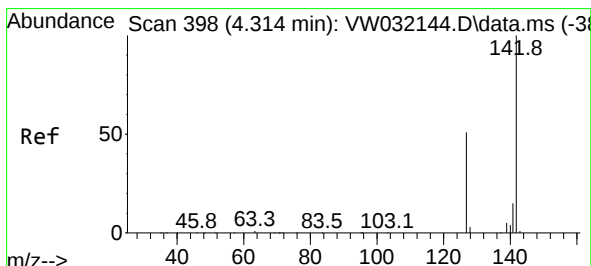
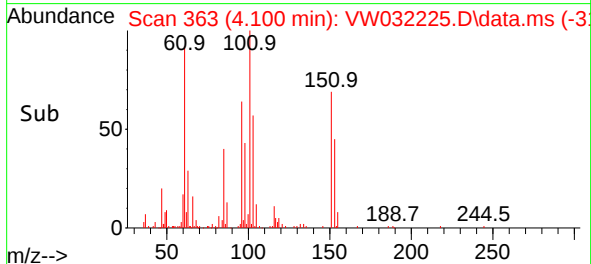
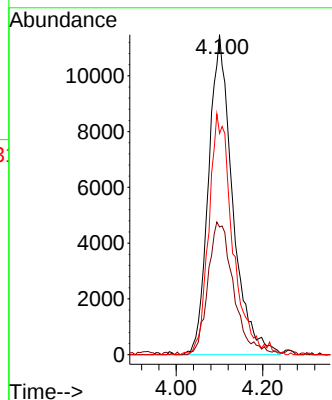
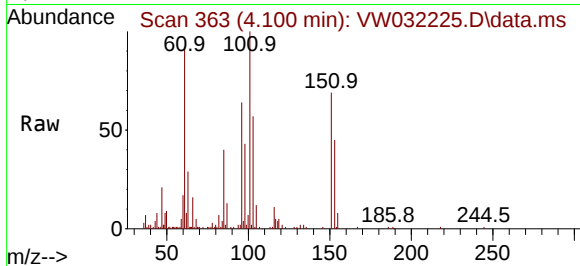




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.386 ug/l
RT: 4.100 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW032225.D
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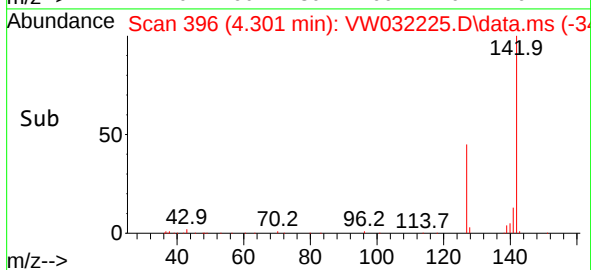
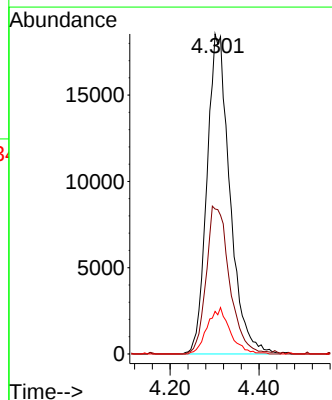
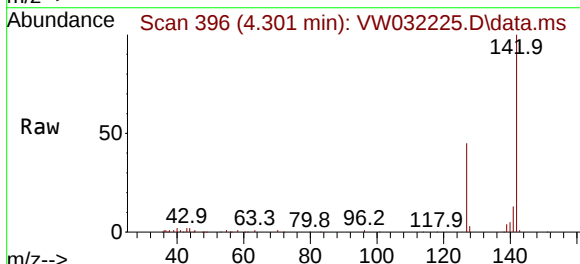
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

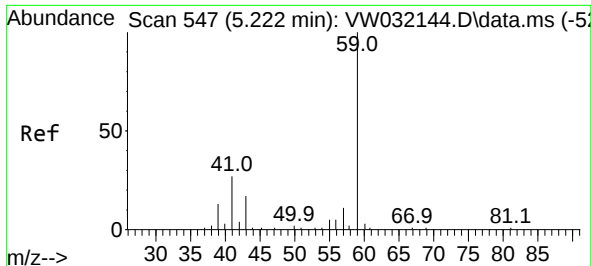
Tgt Ion:101 Resp: 44105
Ion Ratio Lower Upper
101 100
85 44.4 37.1 55.7
151 73.7 61.5 92.3



#10
Methyl Iodide
Concen: 23.096 ug/l
RT: 4.301 min Scan# 396
Delta R.T. -0.012 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

Tgt Ion:142 Resp: 66325
Ion Ratio Lower Upper
142 100
127 47.1 38.2 57.2
141 14.5 12.2 18.2

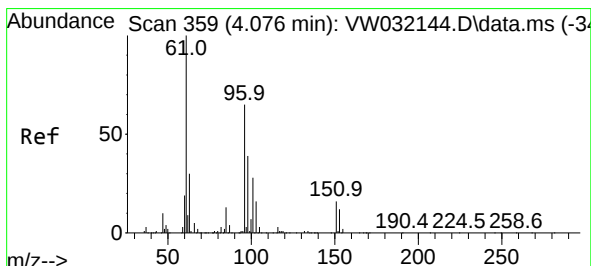
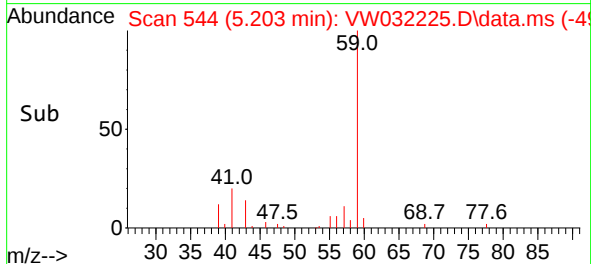
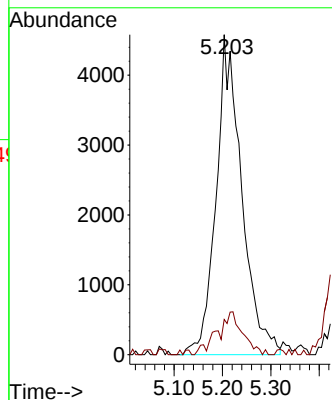
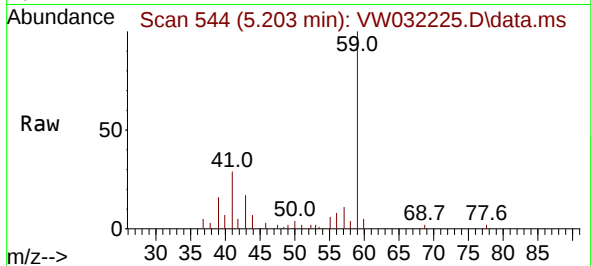




#11
Tert butyl alcohol
Concen: 102.461 ug/l
RT: 5.203 min Scan# 547
Delta R.T. -0.019 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

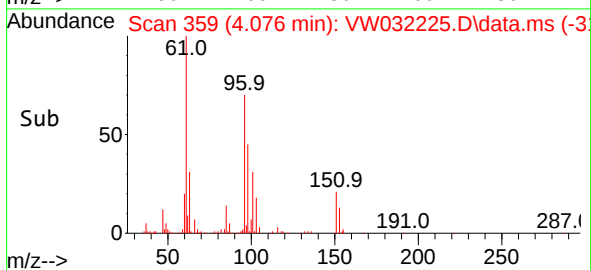
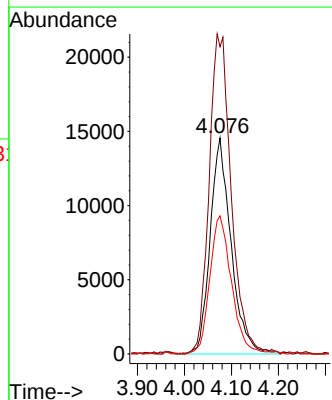
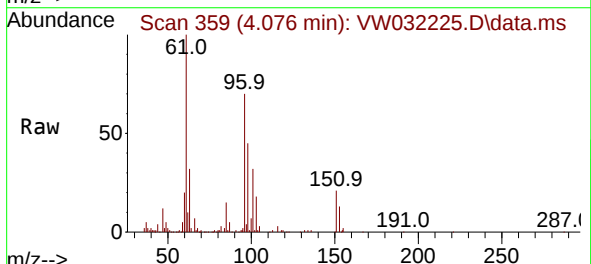
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

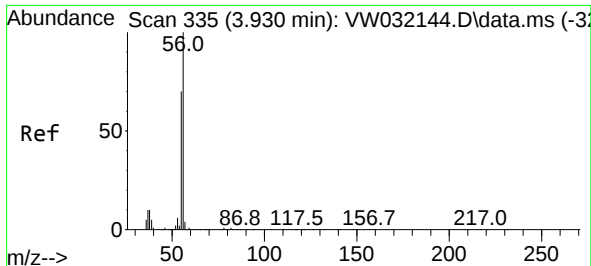
Tgt Ion: 59 Resp: 16844
Ion Ratio Lower Upper
59 100
57 13.3 9.8 14.6



#12
1,1-Dichloroethene
Concen: 22.713 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.000 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

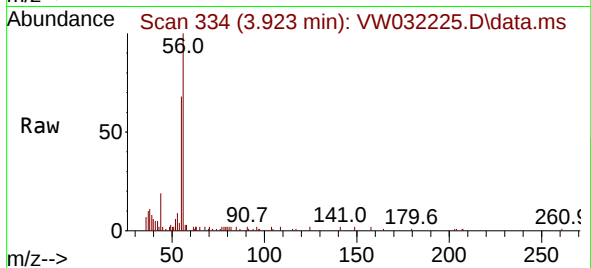
Tgt Ion: 96 Resp: 45112
Ion Ratio Lower Upper
96 100
61 142.2 123.0 184.4
98 63.5 48.5 72.7



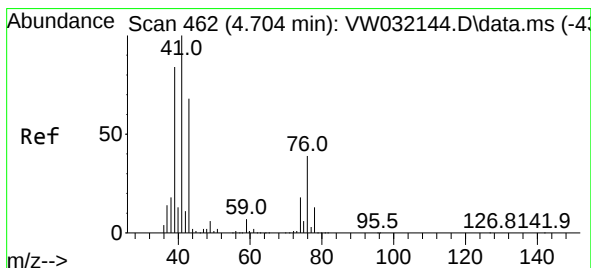
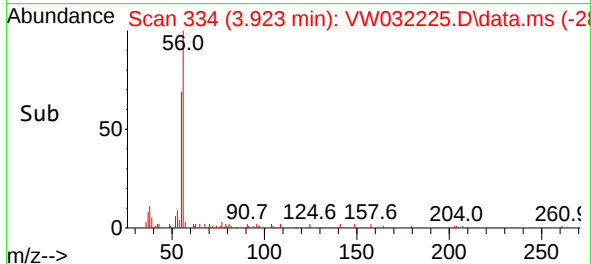
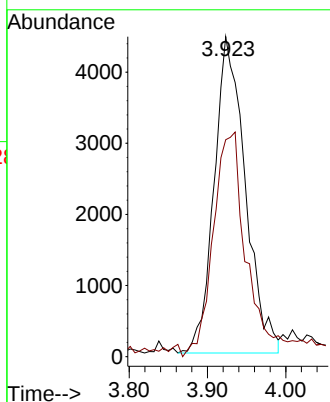


#13
Acrolein
Concen: 48.710 ug/l
RT: 3.923 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

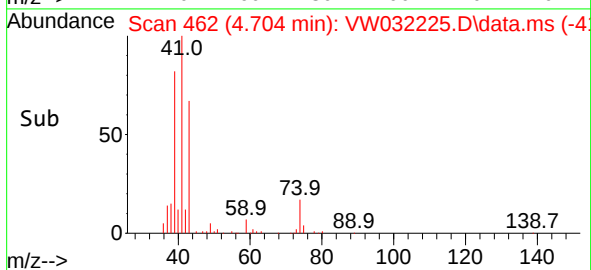
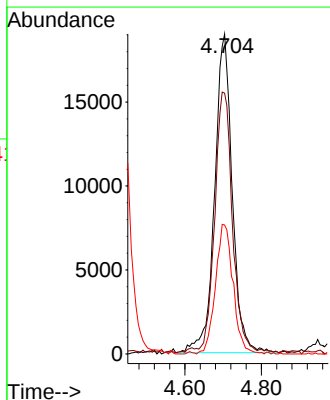
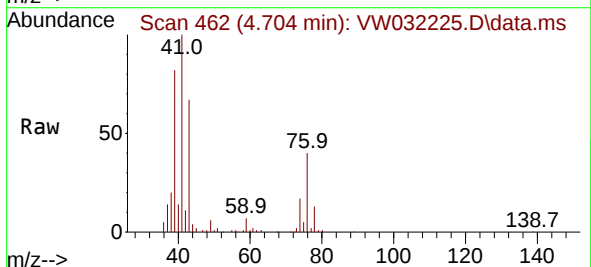


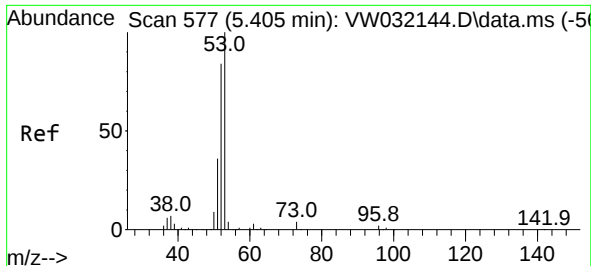
Tgt Ion: 56 Resp: 12309
Ion Ratio Lower Upper
56 100
55 75.1 56.4 84.6



#14
Allyl chloride
Concen: 21.518 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.000 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

Tgt Ion: 41 Resp: 60707
Ion Ratio Lower Upper
41 100
39 80.5 64.1 96.1
76 40.6 31.4 47.2

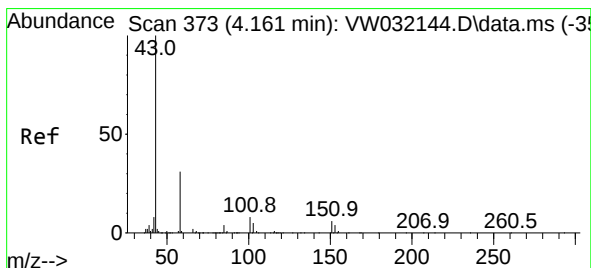
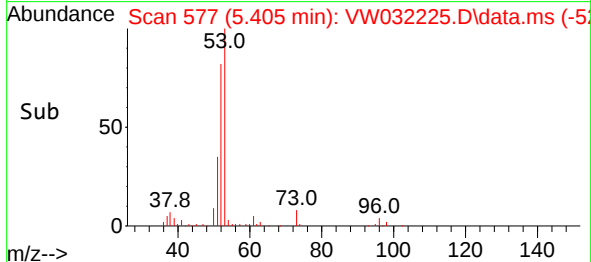
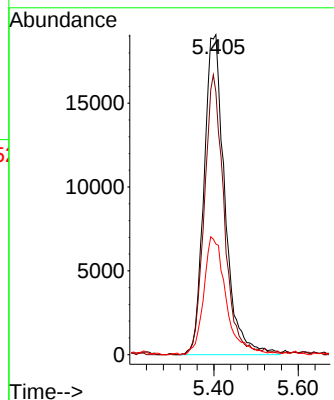
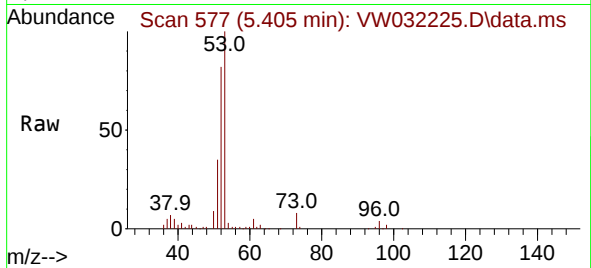




#15
Acrylonitrile
Concen: 108.087 ug/l
RT: 5.405 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

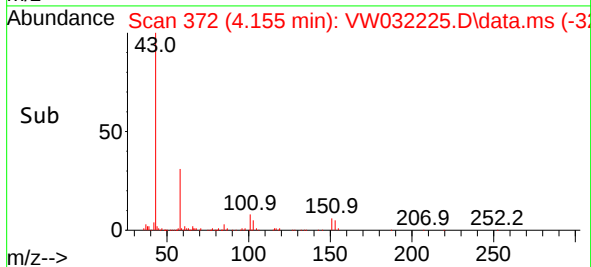
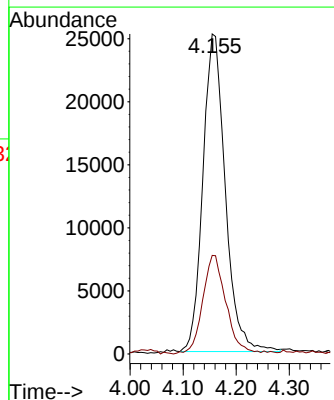
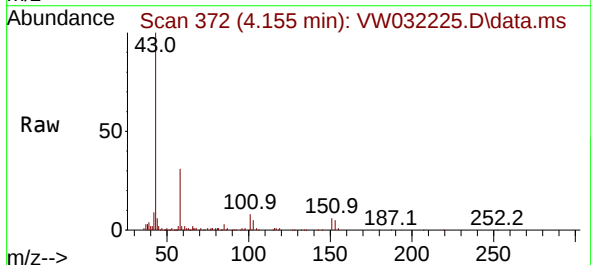
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

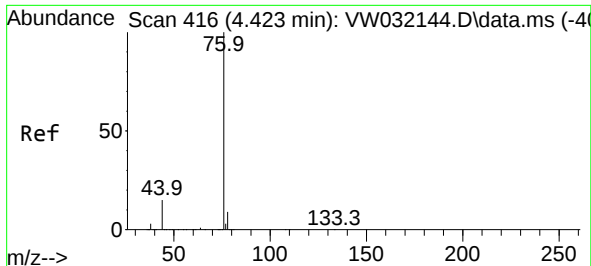
Tgt Ion: 53 Resp: 65654
Ion Ratio Lower Upper
53 100
52 82.5 67.4 101.2
51 39.3 30.3 45.5



#16
Acetone
Concen: 127.297 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.006 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

Tgt Ion: 43 Resp: 74094
Ion Ratio Lower Upper
43 100
58 30.5 25.3 37.9

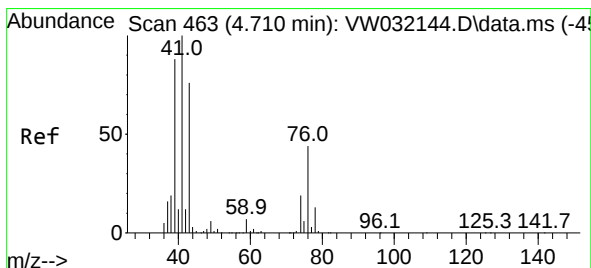
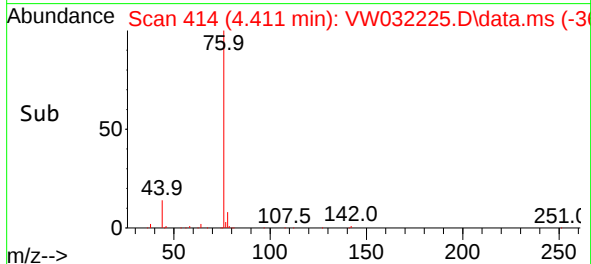
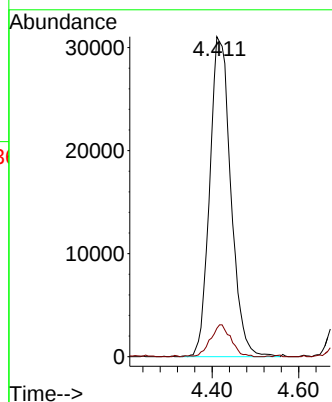
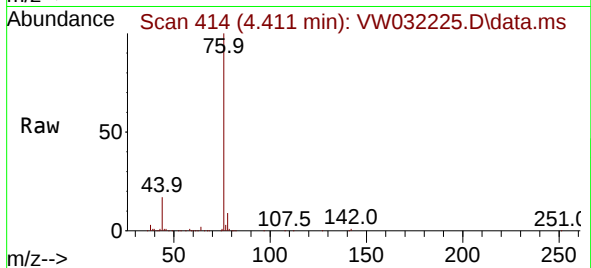




#17
Carbon Disulfide
Concen: 21.192 ug/l
RT: 4.411 min Scan# 416
Delta R.T. -0.012 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

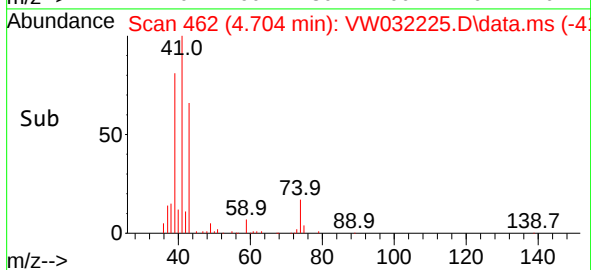
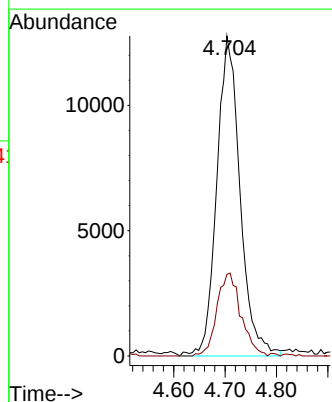
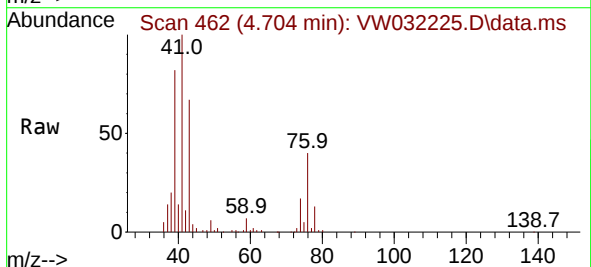
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

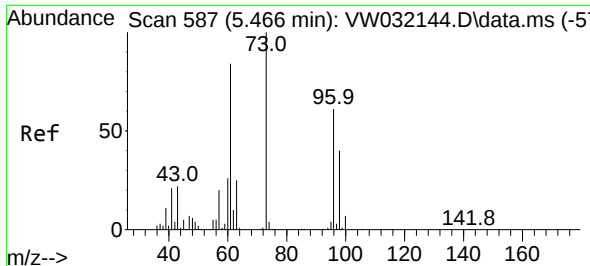
Tgt Ion: 76 Resp: 105274
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6



#18
Methyl Acetate
Concen: 21.662 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

Tgt Ion: 43 Resp: 40173
Ion Ratio Lower Upper
43 100
74 26.6 20.2 30.4

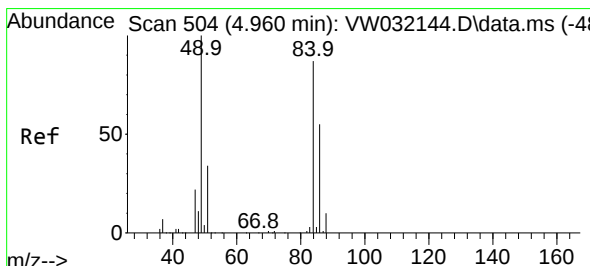
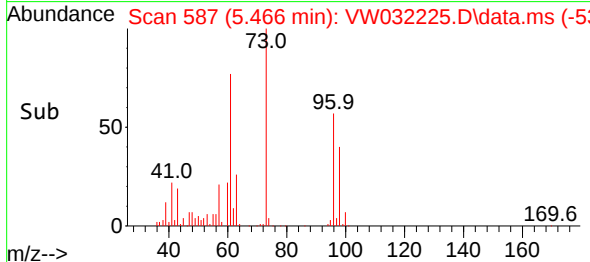
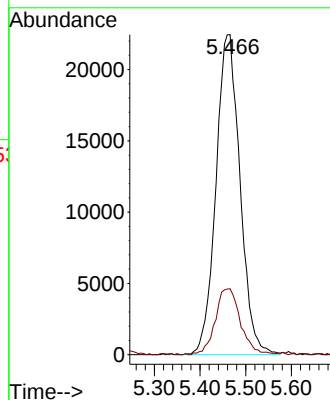
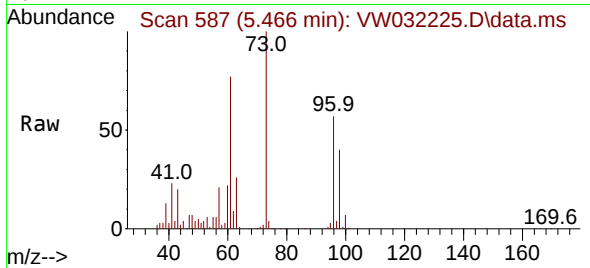




#19
Methyl tert-butyl Ether
Concen: 21.893 ug/l
RT: 5.466 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

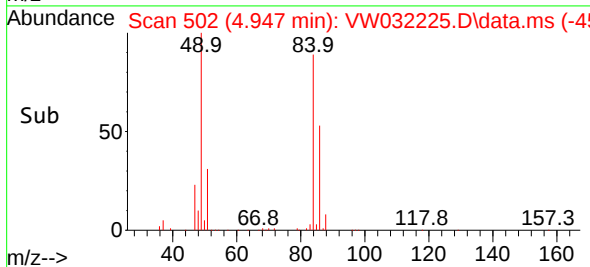
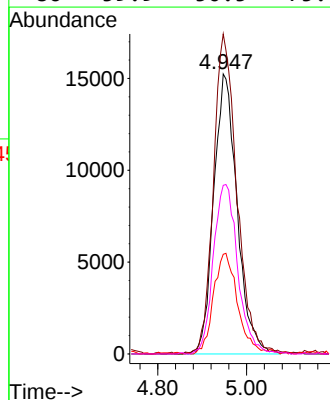
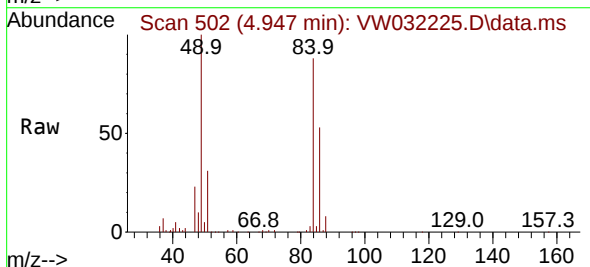
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

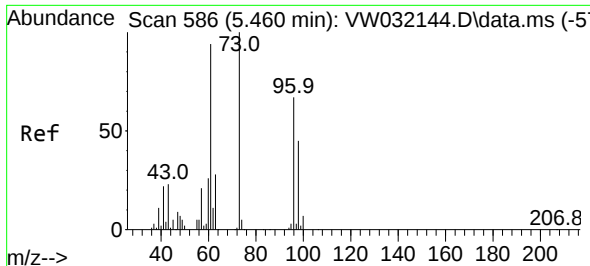
Tgt Ion: 73 Resp: 82113
Ion Ratio Lower Upper
73 100
57 20.6 16.2 24.4



#20
Methylene Chloride
Concen: 20.770 ug/l
RT: 4.947 min Scan# 502
Delta R.T. -0.013 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

Tgt Ion: 84 Resp: 55706
Ion Ratio Lower Upper
84 100
49 114.3 92.2 138.4
51 35.6 31.0 46.6
86 59.9 50.5 75.7

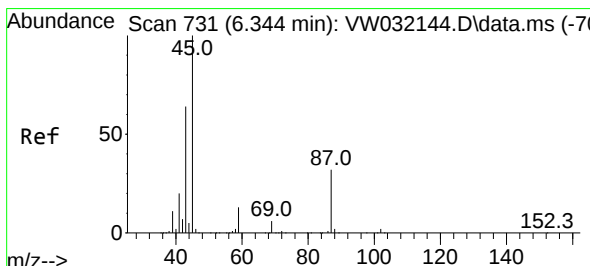
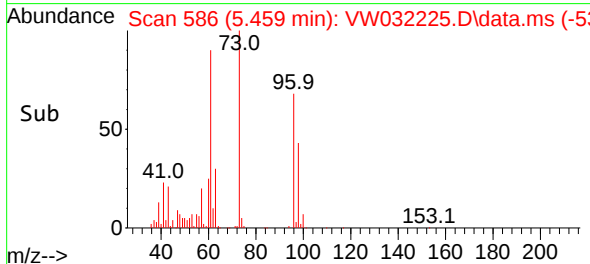
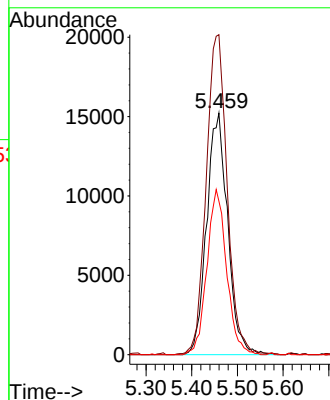
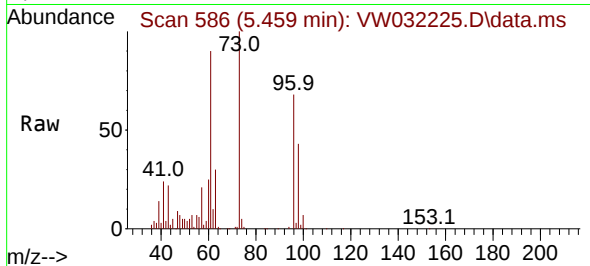




#21
trans-1,2-Dichloroethene
Concen: 21.894 ug/l
RT: 5.459 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

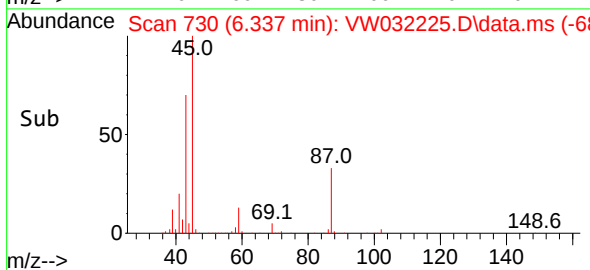
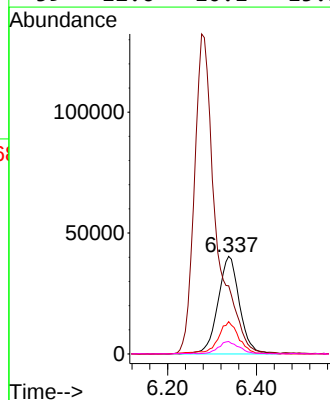
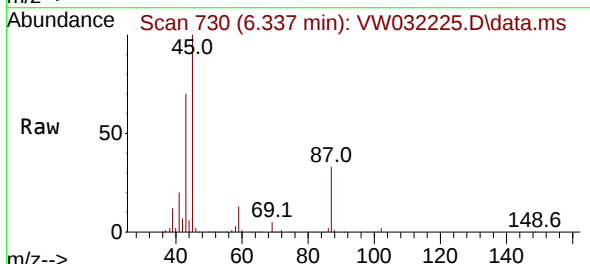
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

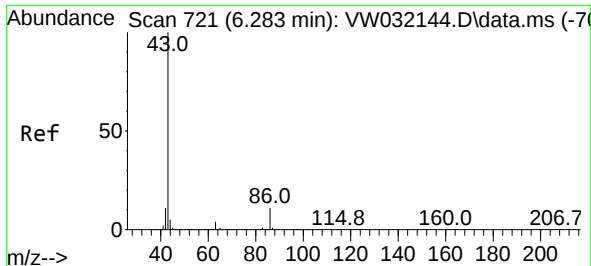
Tgt Ion: 96 Resp: 48578
Ion Ratio Lower Upper
96 100
61 132.5 112.5 168.7
98 63.5 54.2 81.4



#22
Diisopropyl ether
Concen: 21.997 ug/l
RT: 6.337 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

Tgt Ion: 45 Resp: 135065
Ion Ratio Lower Upper
45 100
43 69.2 51.4 77.2
87 33.1 25.9 38.9
59 12.6 10.1 15.1

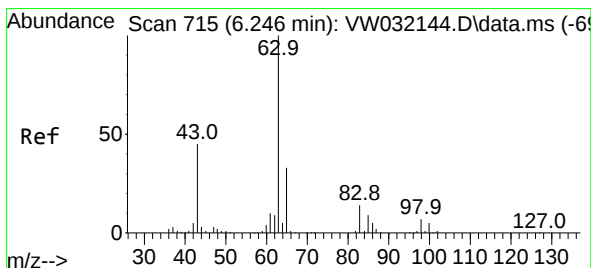
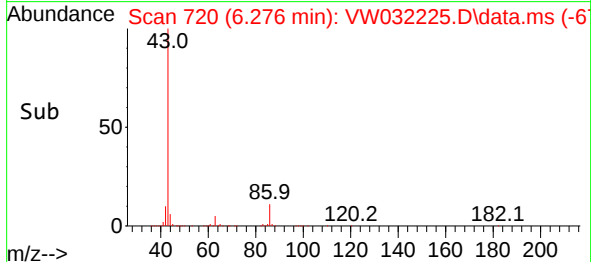
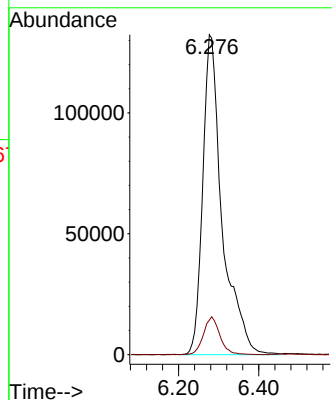
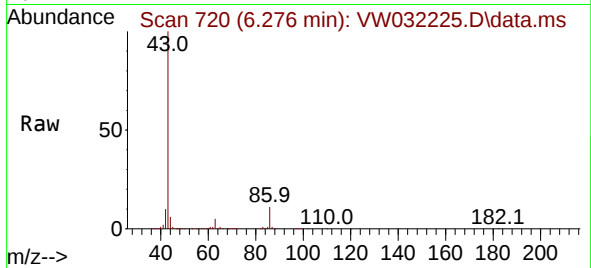




#23
 Vinyl Acetate
 Concen: 106.756 ug/l
 RT: 6.276 min Scan# 721
 Delta R.T. -0.006 min
 Lab File: VW032225.D
 Acq: 22 Sep 2025 11:13

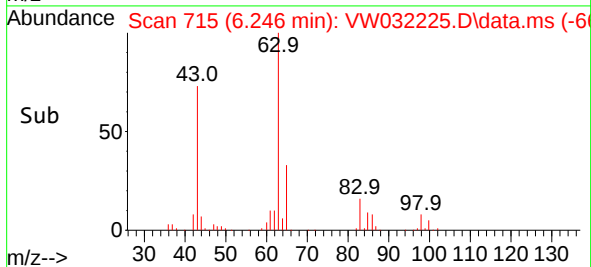
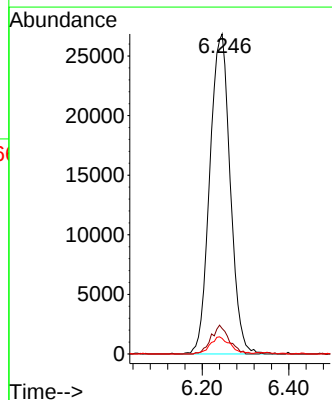
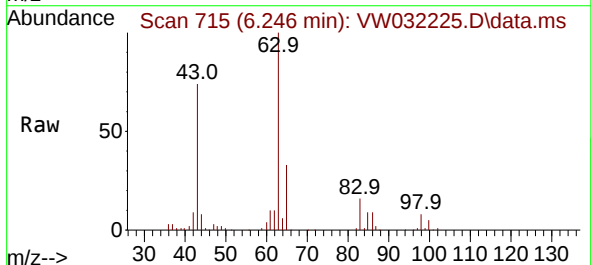
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0922SBS01

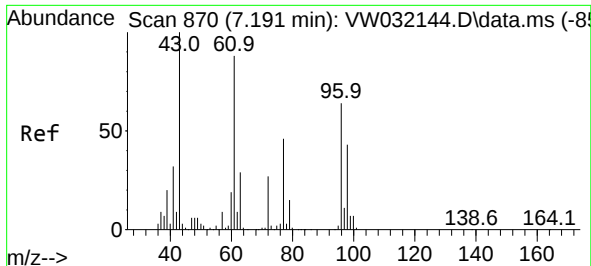
Tgt Ion: 43 Resp: 445676
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 21.894 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW032225.D
 Acq: 22 Sep 2025 11:13

Tgt Ion: 63 Resp: 88010
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.8 11.2
 100 4.9 2.5 7.5

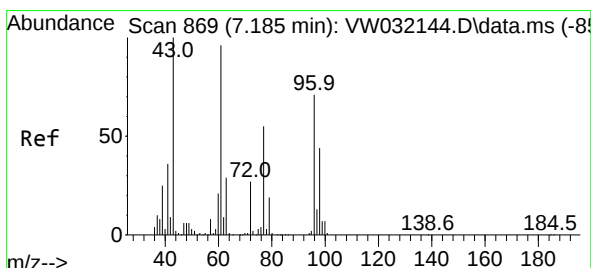
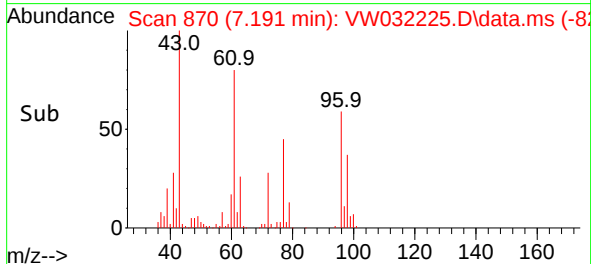
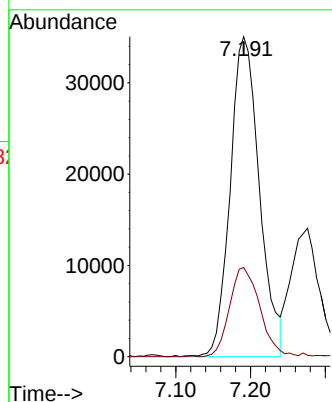
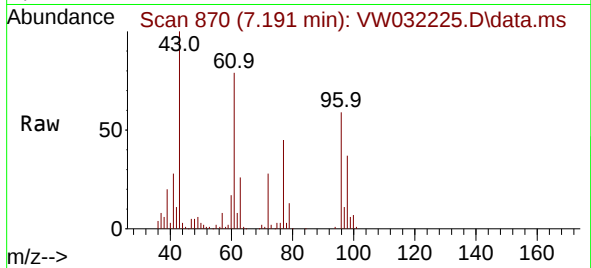




#25
2-Butanone
Concen: 115.544 ug/l
RT: 7.191 min Scan# 870
Delta R.T. -0.000 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

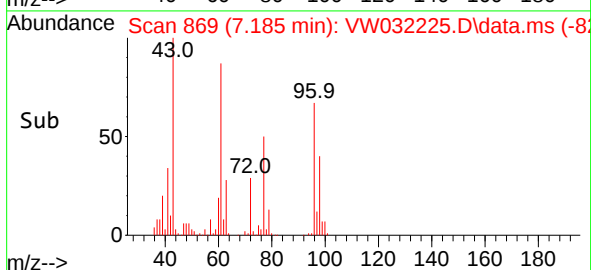
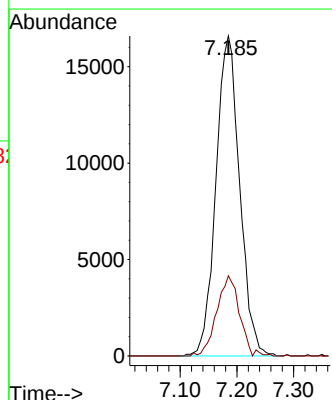
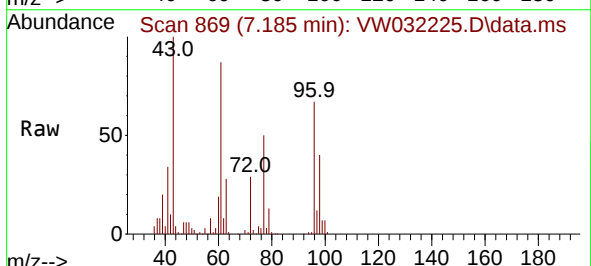
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

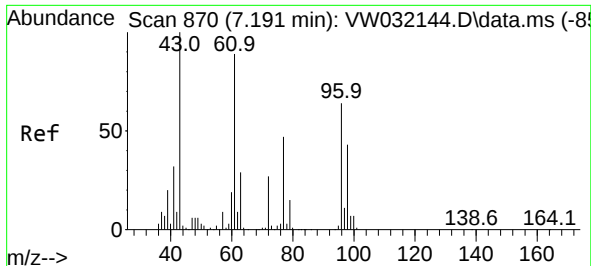
Tgt Ion: 43 Resp: 95300
Ion Ratio Lower Upper
43 100
72 27.8 21.4 32.2



#26
2,2-Dichloropropane
Concen: 22.621 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.000 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

Tgt Ion: 77 Resp: 48154
Ion Ratio Lower Upper
77 100
97 24.1 11.9 35.5



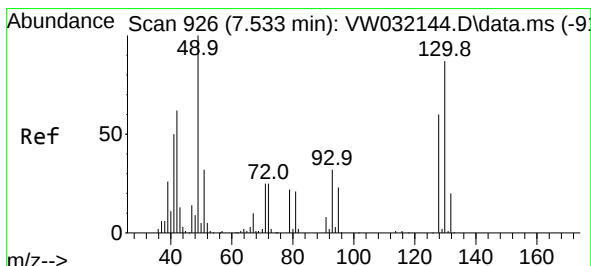
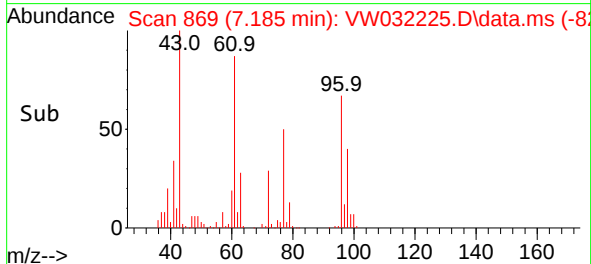
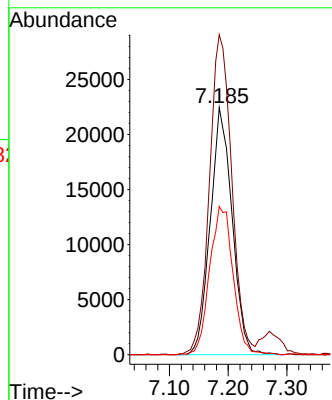
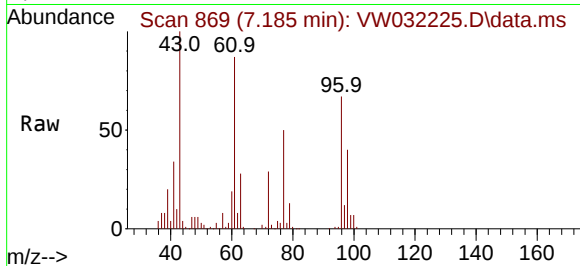


#27
 cis-1,2-Dichloroethene
 Concen: 21.493 ug/l
 RT: 7.185 min Scan# 809
 Delta R.T. -0.006 min
 Lab File: VW032225.D
 Acq: 22 Sep 2025 11:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0922SBS01

Tgt Ion: 96 Resp: 58029

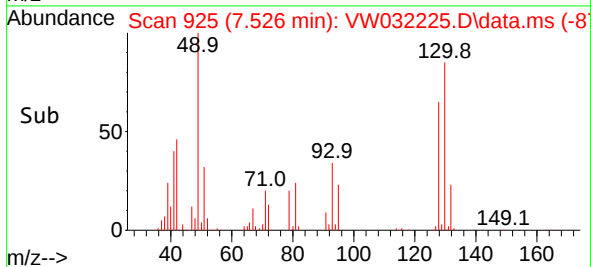
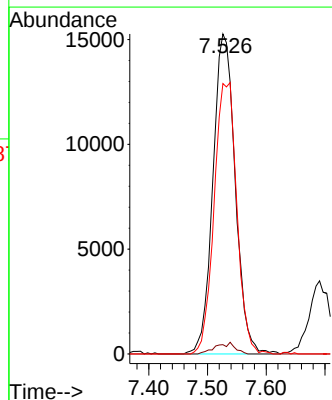
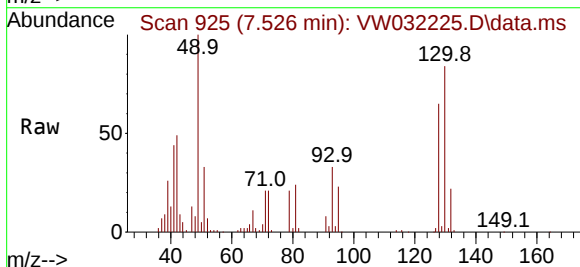
Ion	Ratio	Lower	Upper
96	100		
61	132.6	0.0	268.0
98	64.2	0.0	130.8

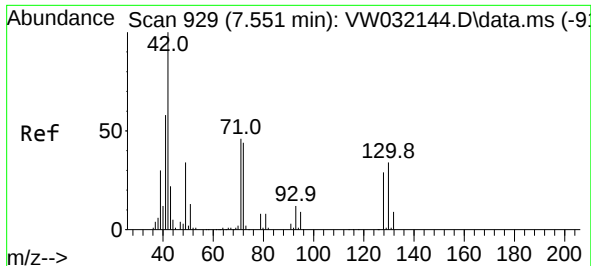


#28
 Bromochloromethane
 Concen: 21.863 ug/l
 RT: 7.526 min Scan# 925
 Delta R.T. -0.006 min
 Lab File: VW032225.D
 Acq: 22 Sep 2025 11:13

Tgt Ion: 49 Resp: 40232

Ion	Ratio	Lower	Upper
49	100		
129	3.2	0.0	4.2
130	86.2	67.5	101.3





#29

Tetrahydrofuran

Concen: 108.283 ug/l

RT: 7.544 min Scan# 91

Delta R.T. -0.006 min

Lab File: VW032225.D

Acq: 22 Sep 2025 11:13

Instrument :

MSVOA_W

ClientSampleId :

VW0922SBS01

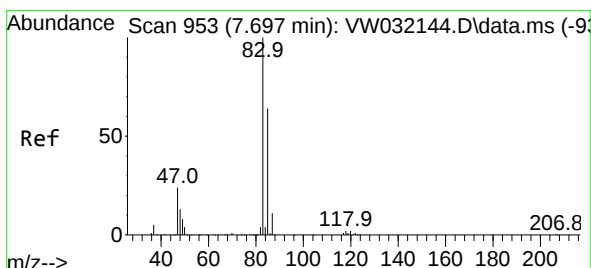
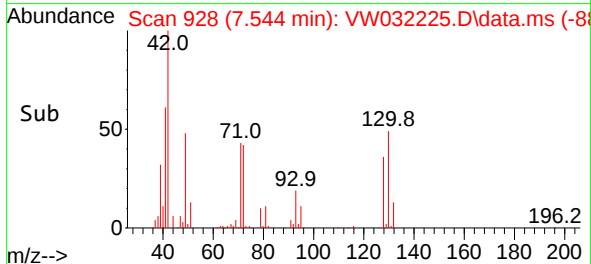
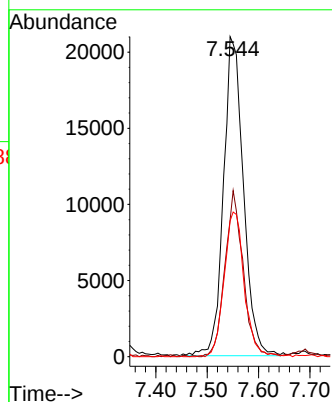
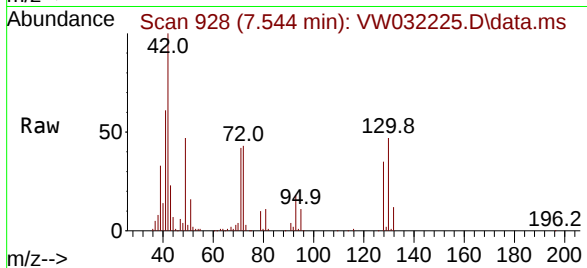
Tgt Ion: 42 Resp: 56754

Ion Ratio Lower Upper

42 100

72 47.5 37.4 56.2

71 45.7 36.0 54.0



#30

Chloroform

Concen: 21.972 ug/l

RT: 7.691 min Scan# 952

Delta R.T. -0.006 min

Lab File: VW032225.D

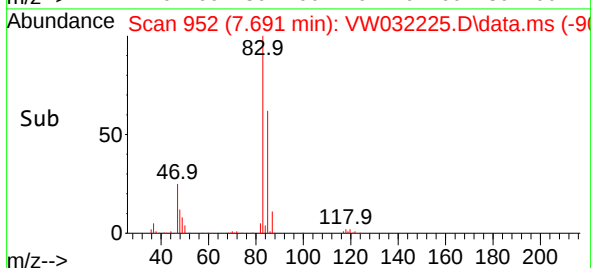
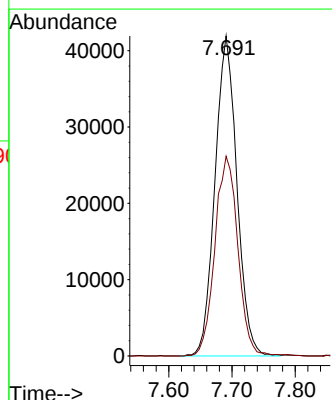
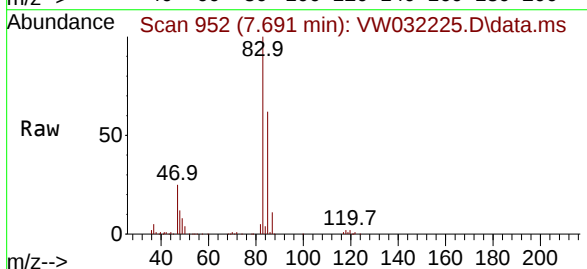
Acq: 22 Sep 2025 11:13

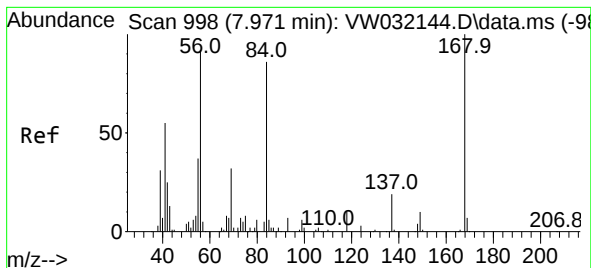
Tgt Ion: 83 Resp: 100842

Ion Ratio Lower Upper

83 100

85 62.4 51.2 76.8

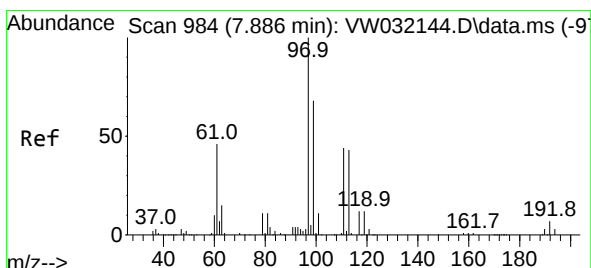
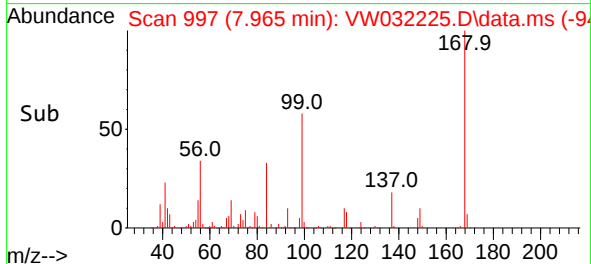
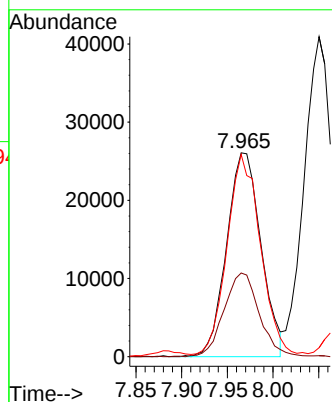
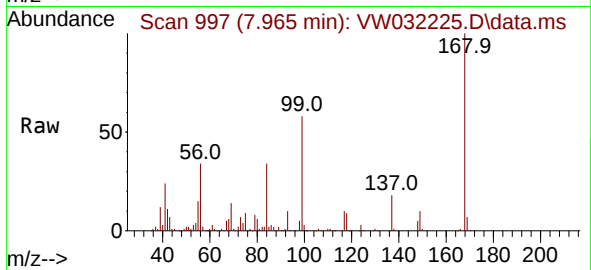




#31
Cyclohexane
Concen: 20.698 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

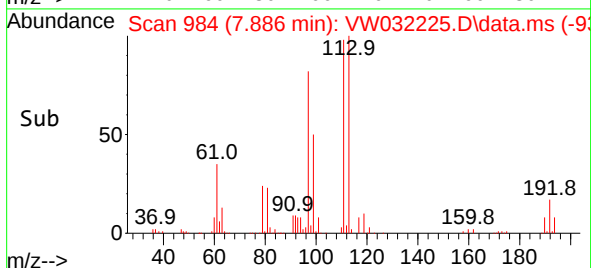
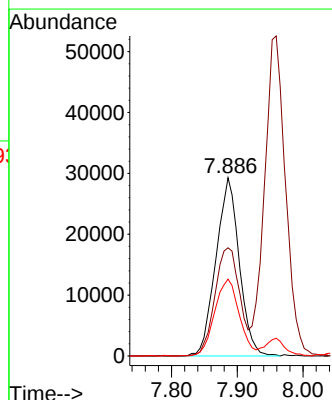
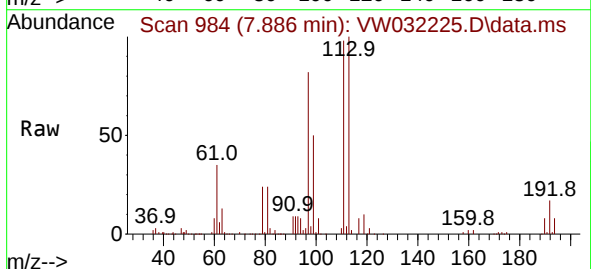
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

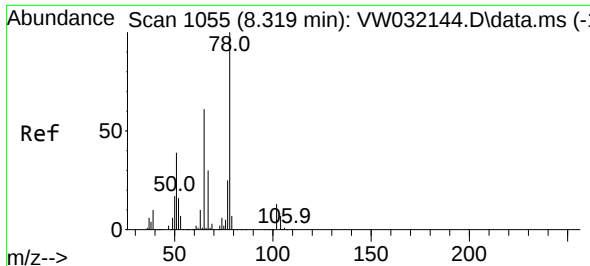
Tgt Ion: 56 Resp: 68291
Ion Ratio Lower Upper
56 100
69 40.2 27.7 41.5
84 97.2 74.6 112.0



#32
1,1,1-Trichloroethane
Concen: 21.549 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

Tgt Ion: 97 Resp: 72198
Ion Ratio Lower Upper
97 100
99 64.2 50.9 76.3
61 45.7 36.2 54.4

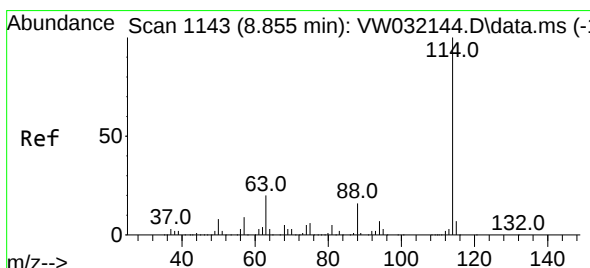
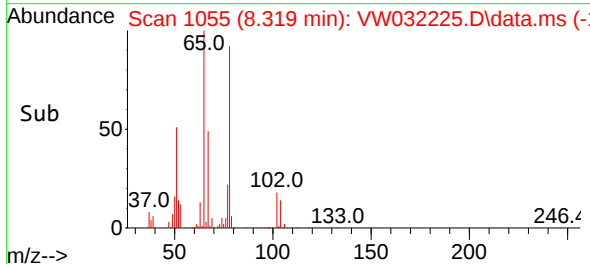
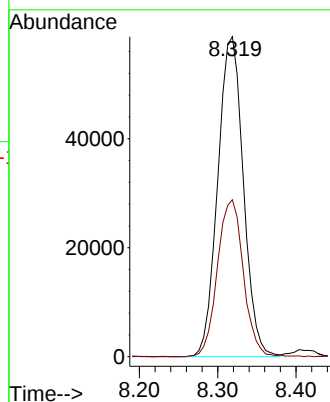
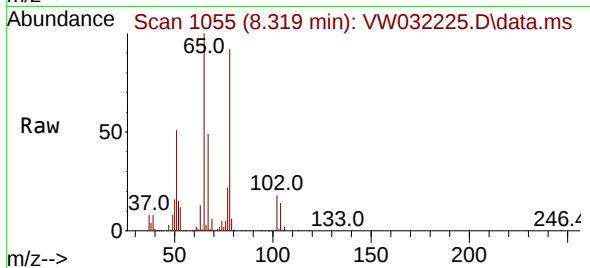




#33
1,2-Dichloroethane-d4
Concen: 49.632 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

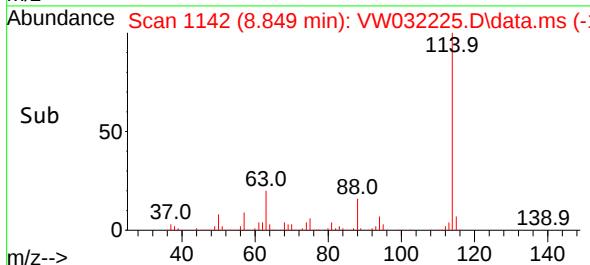
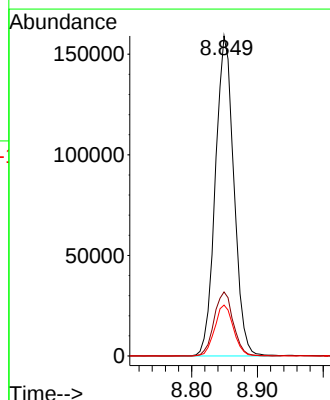
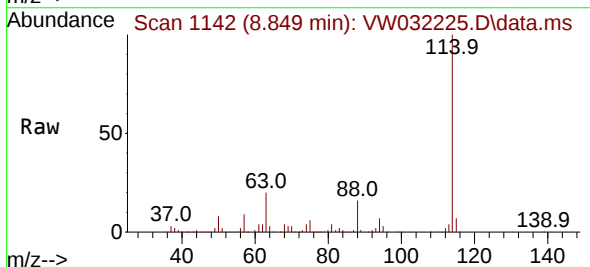
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

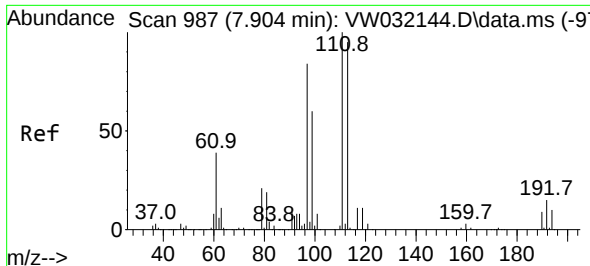
Tgt Ion: 65 Resp: 133390
Ion Ratio Lower Upper
65 100
67 49.7 0.0 99.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

Tgt Ion: 114 Resp: 311645
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.4
88 15.9 0.0 32.0

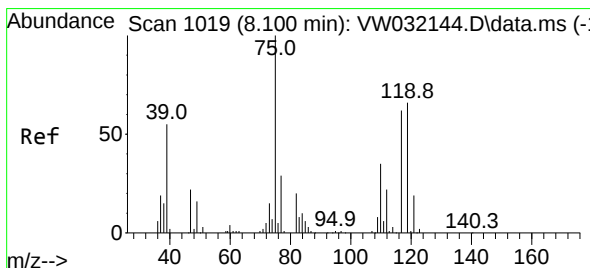
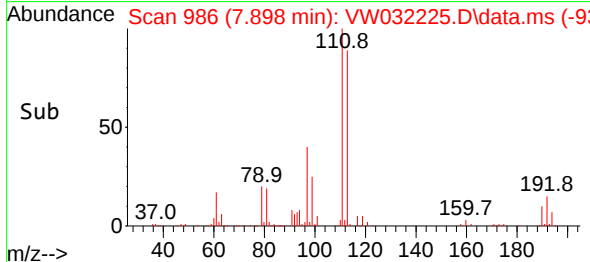
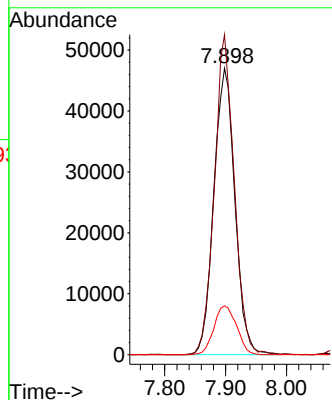
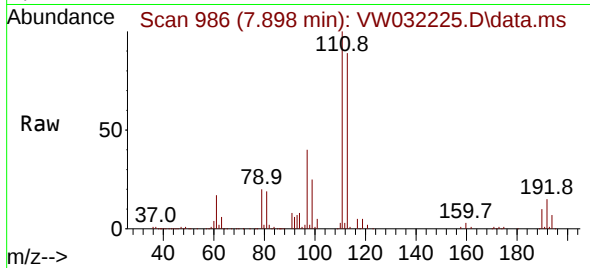




#35
 Dibromofluoromethane
 Concen: 51.611 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW032225.D
 Acq: 22 Sep 2025 11:13

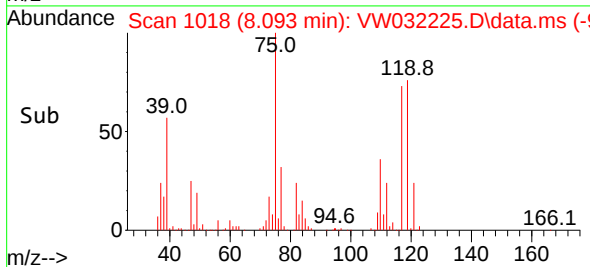
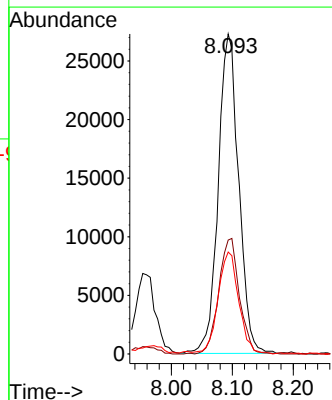
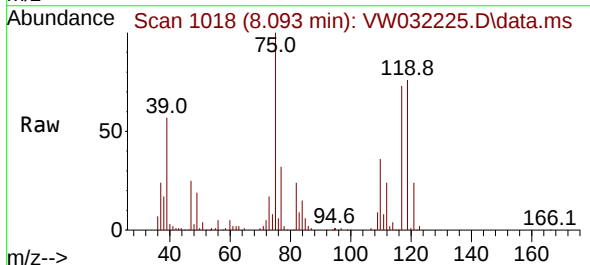
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0922SBS01

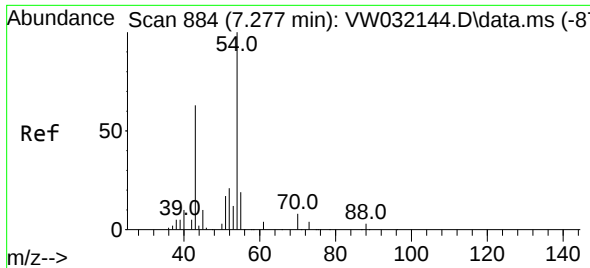
Tgt Ion:113 Resp: 112847
 Ion Ratio Lower Upper
 113 100
 111 105.3 83.9 125.9
 192 18.3 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 22.483 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. -0.006 min
 Lab File: VW032225.D
 Acq: 22 Sep 2025 11:13

Tgt Ion: 75 Resp: 63738
 Ion Ratio Lower Upper
 75 100
 110 36.6 17.5 52.5
 77 32.4 24.1 36.1

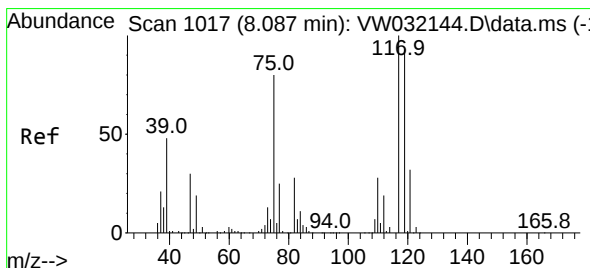
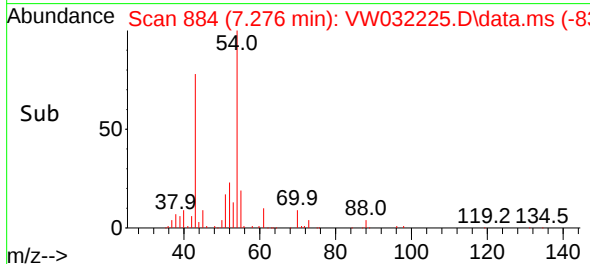
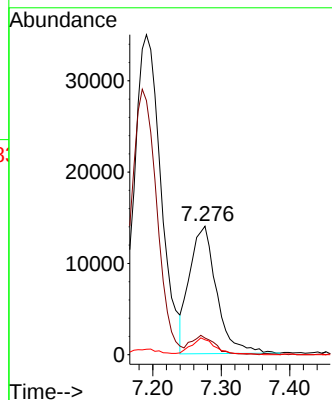
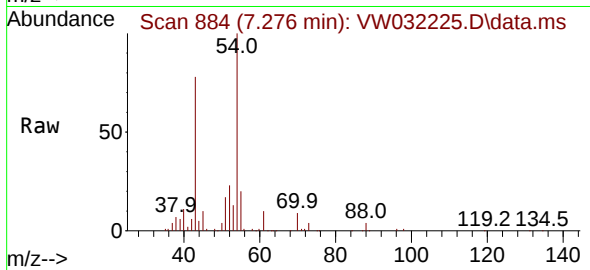




#37
Ethyl Acetate
Concen: 22.505 ug/l
RT: 7.276 min Scan# 884
Delta R.T. -0.000 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

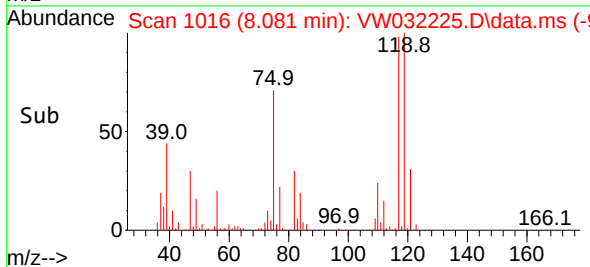
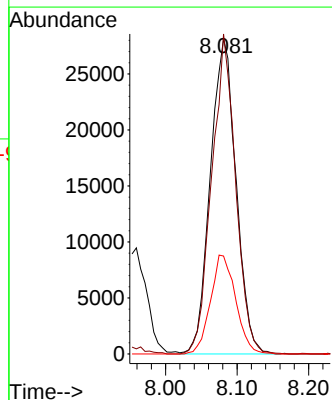
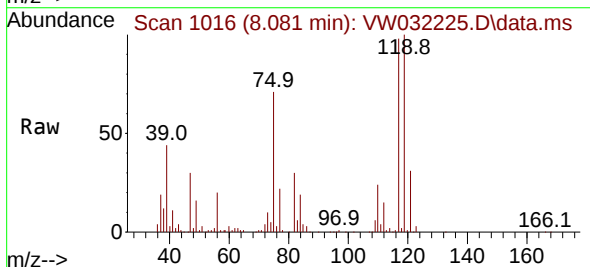
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

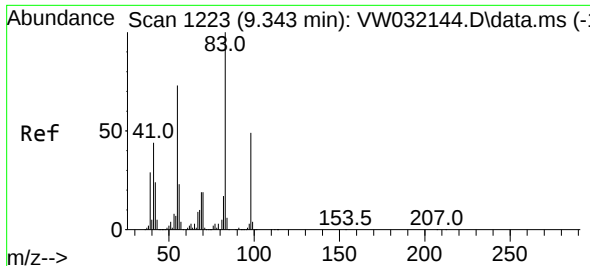
Tgt Ion: 43 Resp: 38274
Ion Ratio Lower Upper
43 100
61 13.3 11.3 16.9
70 11.9 8.9 13.3



#38
Carbon Tetrachloride
Concen: 23.106 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

Tgt Ion: 117 Resp: 70220
Ion Ratio Lower Upper
117 100
119 101.6 74.2 111.2
121 31.1 25.6 38.4





#39

Methylcyclohexane

Concen: 21.657 ug/l

RT: 9.343 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032225.D

Acq: 22 Sep 2025 11:13

Instrument :

MSVOA_W

ClientSampleId :

VW0922SBS01

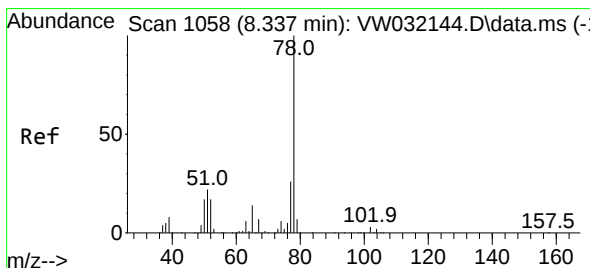
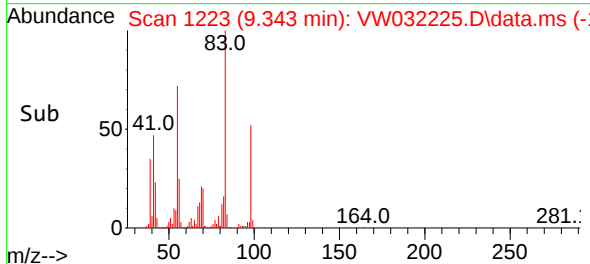
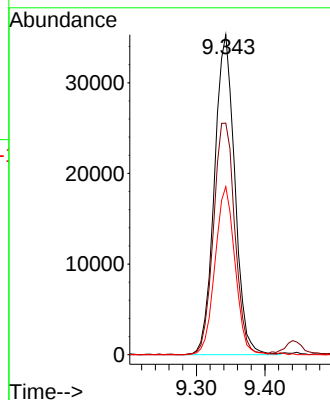
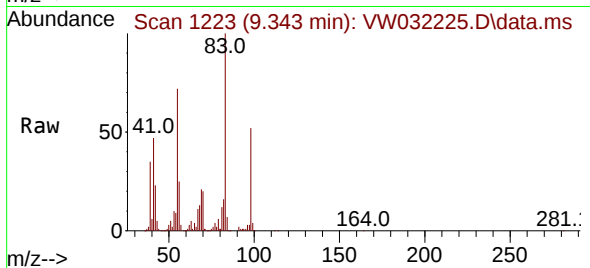
Tgt Ion: 83 Resp: 72720

Ion Ratio Lower Upper

83 100

55 72.3 58.4 87.6

98 52.5 39.4 59.2



#40

Benzene

Concen: 23.248 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VW032225.D

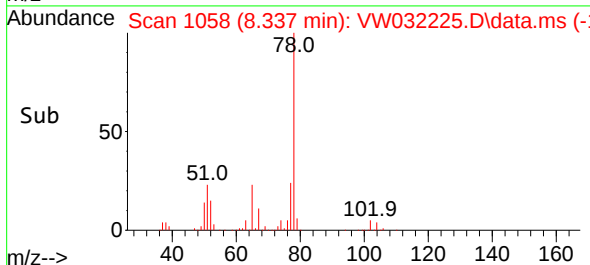
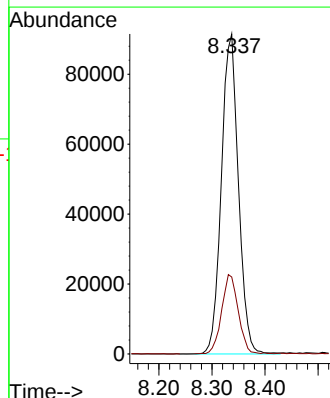
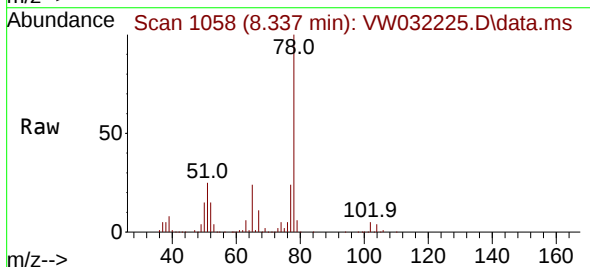
Acq: 22 Sep 2025 11:13

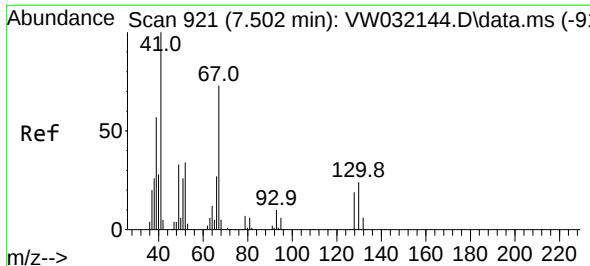
Tgt Ion: 78 Resp: 203724

Ion Ratio Lower Upper

78 100

77 24.1 20.7 31.1

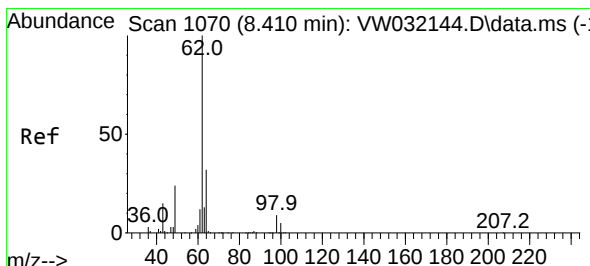
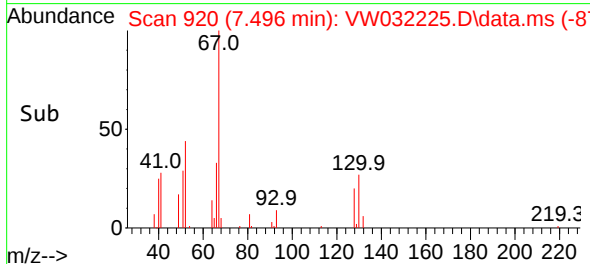
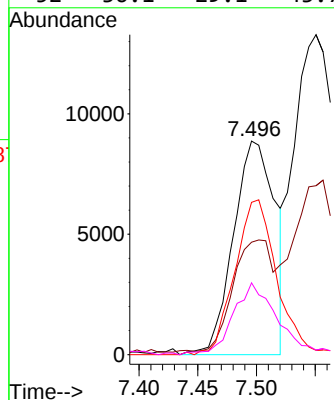
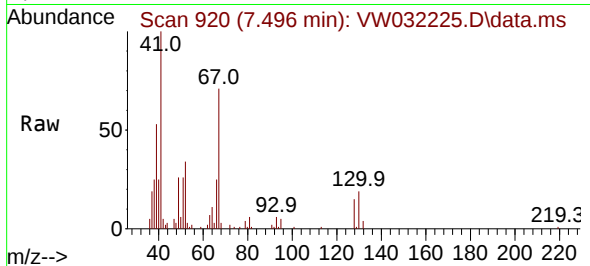




#41
Methacrylonitrile
Concen: 23.127 ug/l
RT: 7.496 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

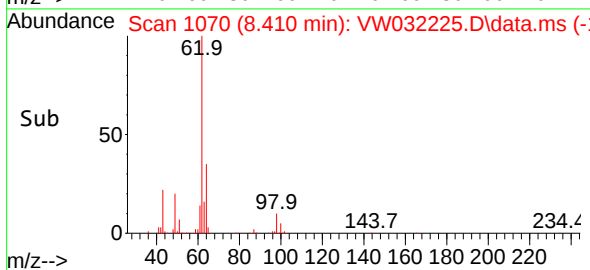
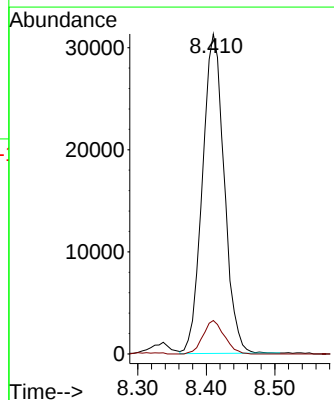
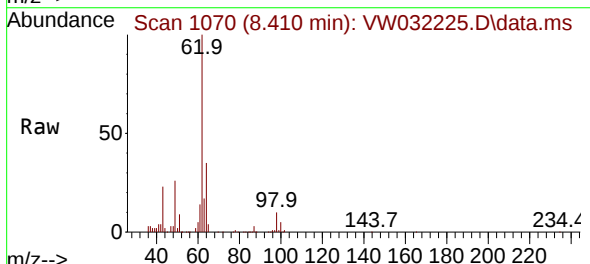
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

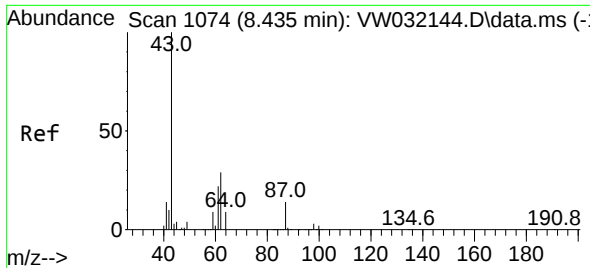
Tgt Ion:	41	Resp:	21852
Ion	Ratio	Lower	Upper
41	100		
39	49.1	50.9	76.3#
67	73.5	65.6	98.4
52	36.1	29.1	43.7



#42
1,2-Dichloroethane
Concen: 22.785 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

Tgt Ion:	62	Resp:	69217
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	18.0

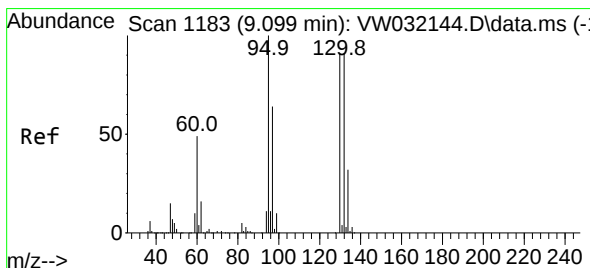
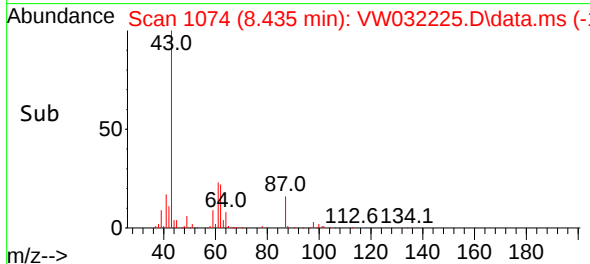
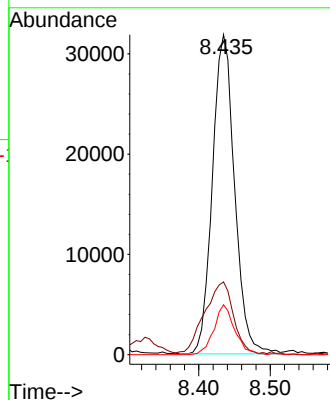
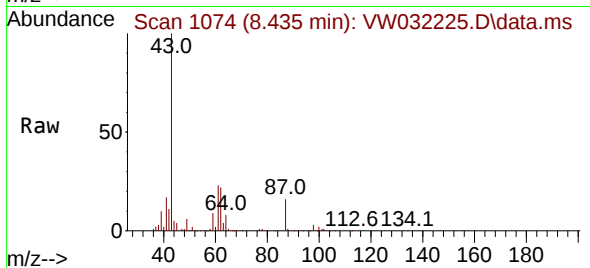




#43
Isopropyl Acetate
Concen: 21.517 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

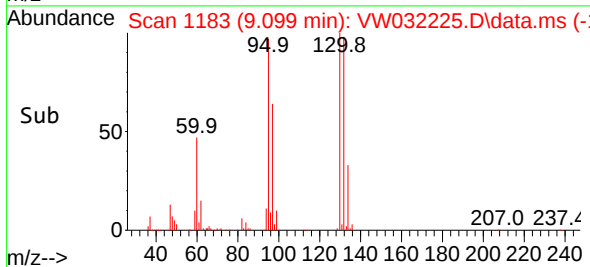
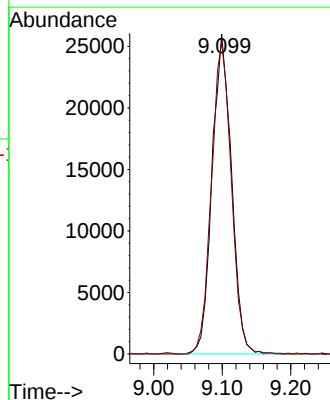
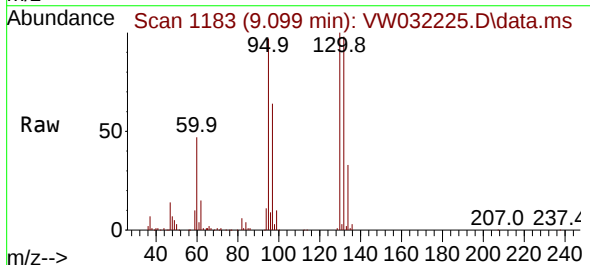
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

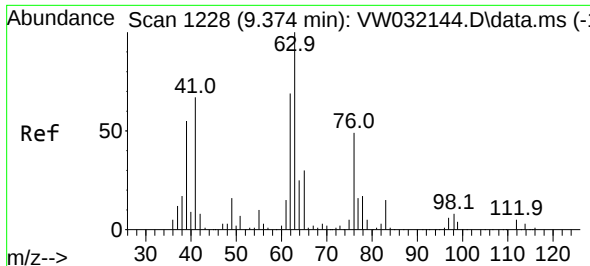
Tgt Ion: 43	Resp: 68648
Ion Ratio	Lower Upper
43 100	
61 29.0	23.3 34.9
87 14.6	11.1 16.7



#44
Trichloroethene
Concen: 23.153 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

Tgt Ion:130	Resp: 51023
Ion Ratio	Lower Upper
130 100	
95 97.4	0.0 220.0





#45

1,2-Dichloropropane

Concen: 22.601 ug/l

RT: 9.373 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032225.D

Acq: 22 Sep 2025 11:13

Instrument :

MSVOA_W

ClientSampleId :

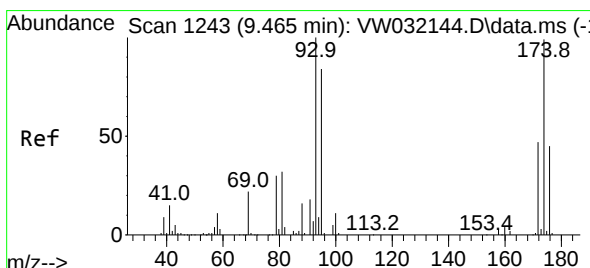
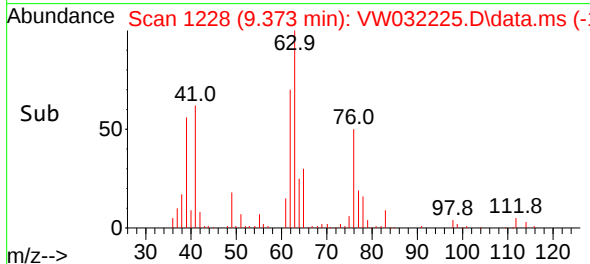
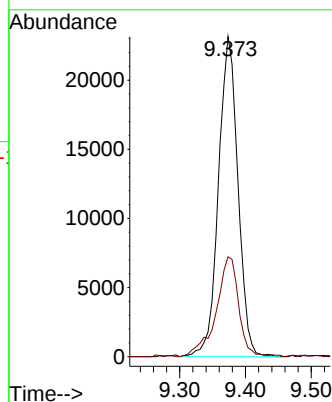
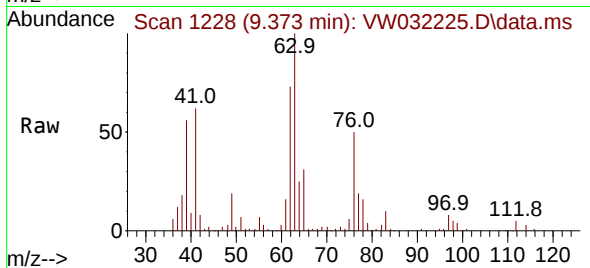
VW0922SBS01

Tgt Ion: 63 Resp: 47745

Ion Ratio Lower Upper

63 100

65 31.2 24.3 36.5



#46

Dibromomethane

Concen: 23.608 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VW032225.D

Acq: 22 Sep 2025 11:13

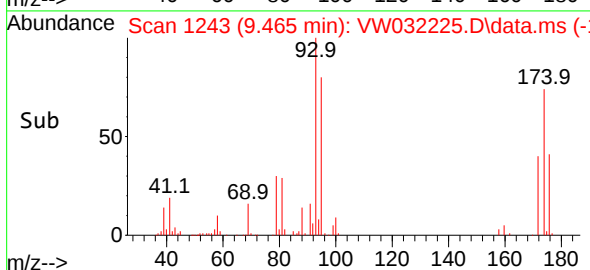
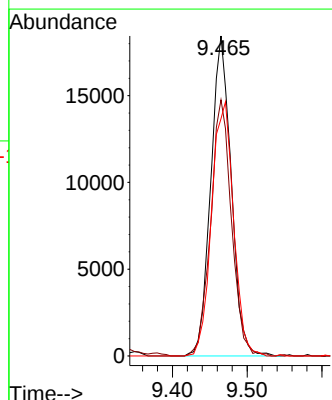
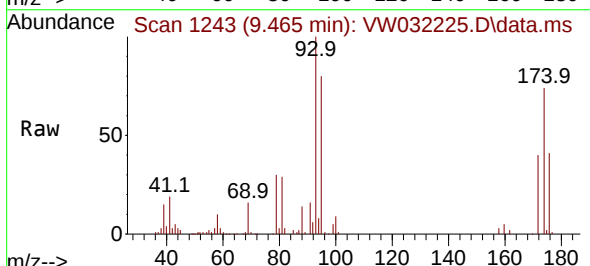
Tgt Ion: 93 Resp: 34979

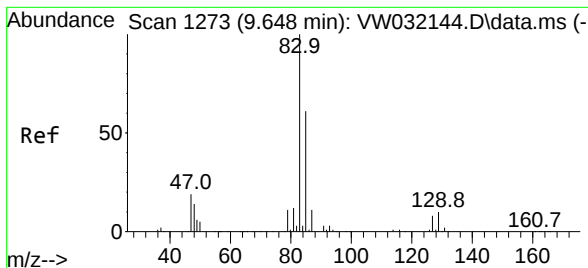
Ion Ratio Lower Upper

93 100

95 81.6 67.4 101.2

174 85.2 75.7 113.5





#47

Bromodichloromethane

Concen: 22.203 ug/l

RT: 9.648 min Scan# 1273

Delta R.T. -0.000 min

Lab File: VW032225.D

Acq: 22 Sep 2025 11:13

Instrument :

MSVOA_W

ClientSampleId :

VW0922SBS01

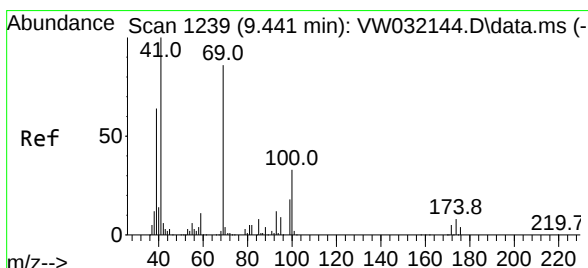
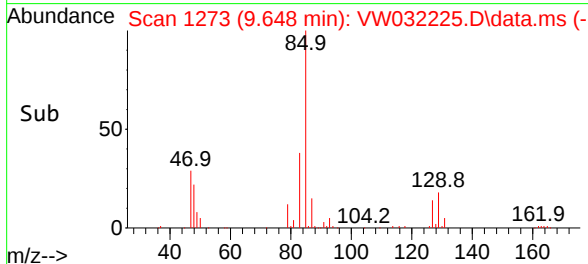
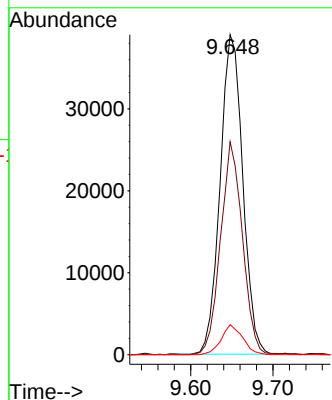
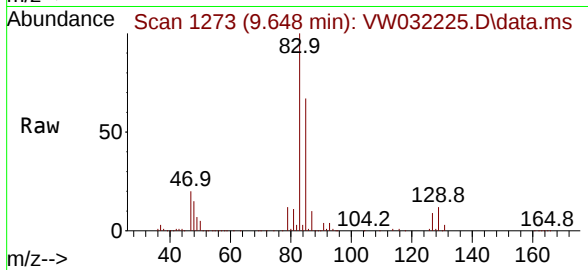
Tgt Ion: 83 Resp: 74758

Ion Ratio Lower Upper

83 100

85 66.6 48.7 73.1

127 9.4 6.4 9.6



#48

Methyl methacrylate

Concen: 21.213 ug/l

RT: 9.440 min Scan# 1239

Delta R.T. -0.000 min

Lab File: VW032225.D

Acq: 22 Sep 2025 11:13

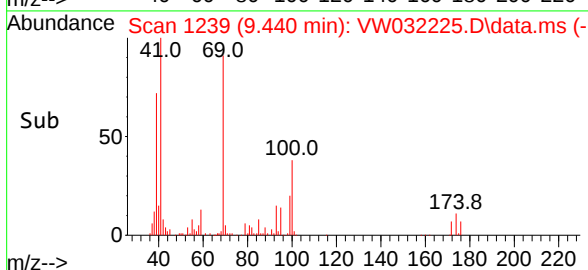
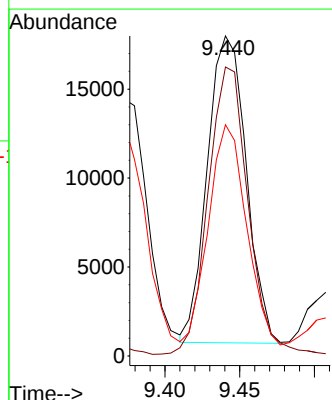
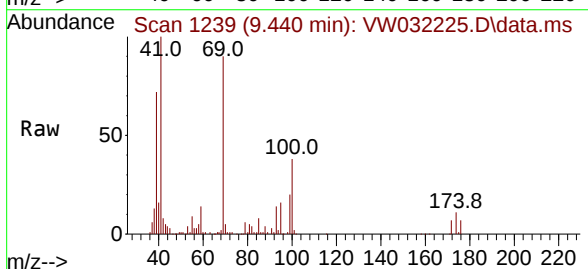
Tgt Ion: 41 Resp: 31189

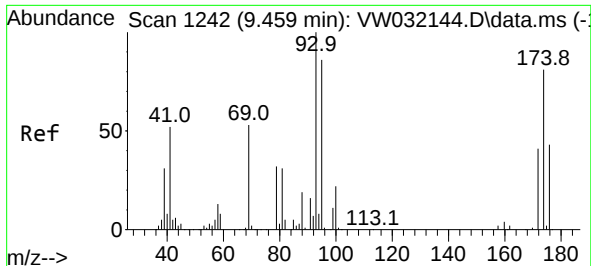
Ion Ratio Lower Upper

41 100

69 97.9 71.5 107.3

39 70.2 55.9 83.9





#49

1,4-Dioxane

Concen: 437.268 ug/l

RT: 9.459 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032225.D

Acq: 22 Sep 2025 11:13

Instrument :

MSVOA_W

ClientSampleId :

VW0922SBS01

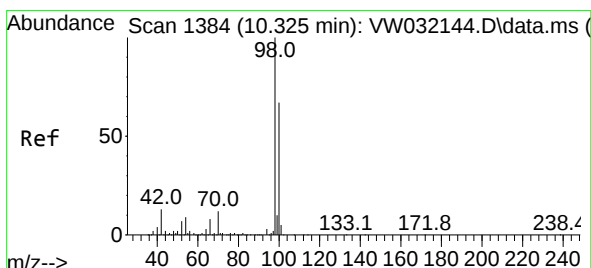
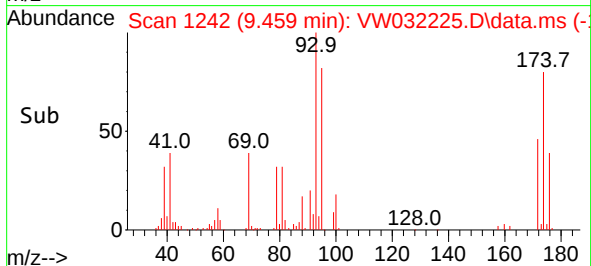
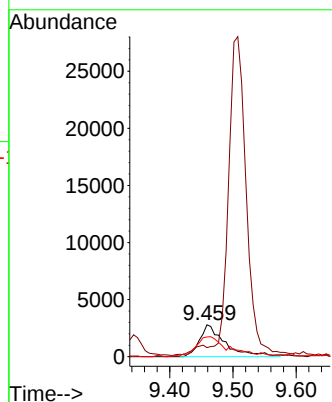
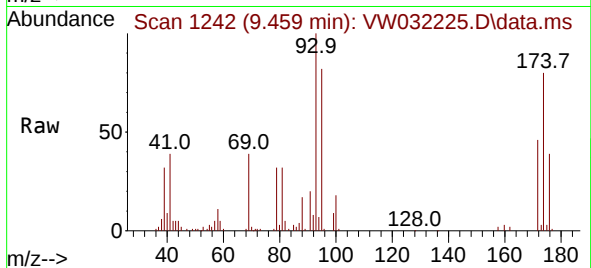
Tgt Ion: 88 Resp: 7828

Ion Ratio Lower Upper

88 100

43 0.0 18.0 27.0#

58 77.9 55.4 83.0



#50

Toluene-d8

Concen: 50.583 ug/l

RT: 10.324 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW032225.D

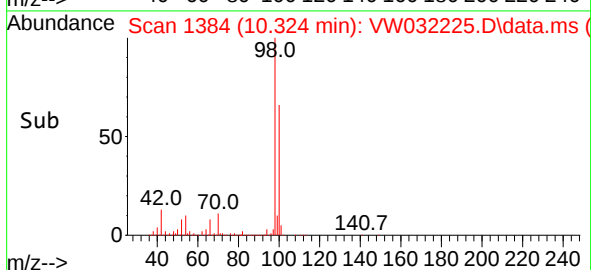
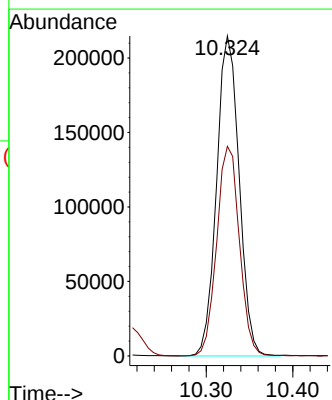
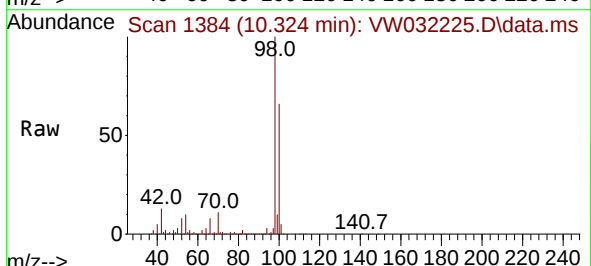
Acq: 22 Sep 2025 11:13

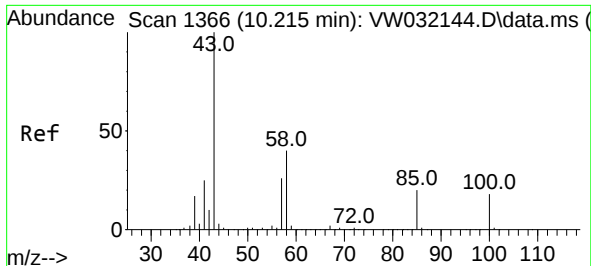
Tgt Ion: 98 Resp: 388258

Ion Ratio Lower Upper

98 100

100 65.8 51.4 77.2

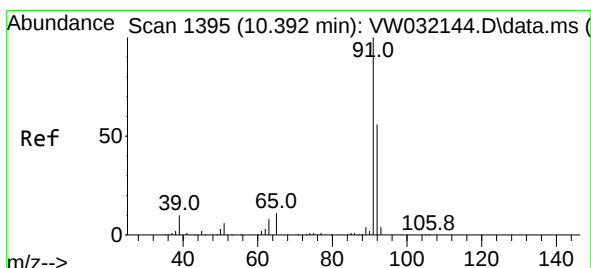
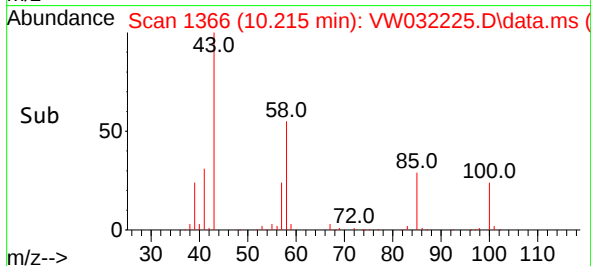
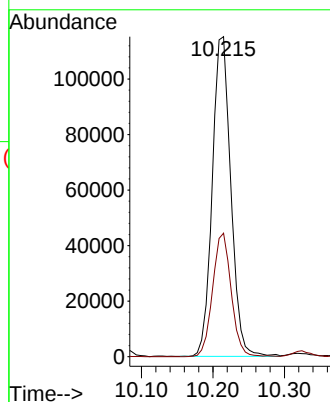
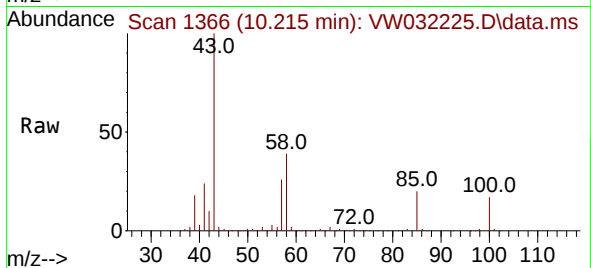




#51
4-Methyl-2-Pentanone
Concen: 115.209 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

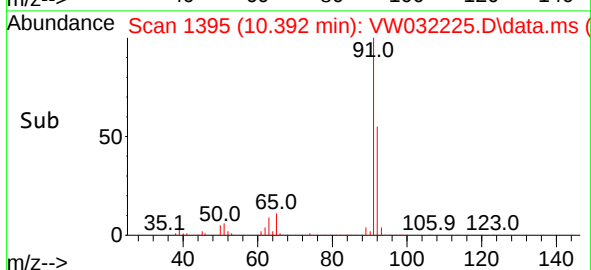
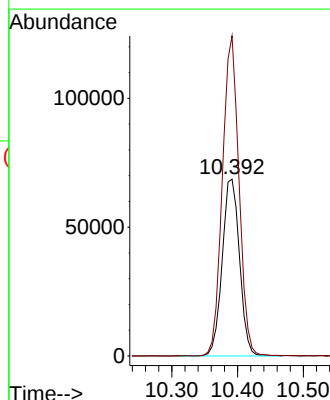
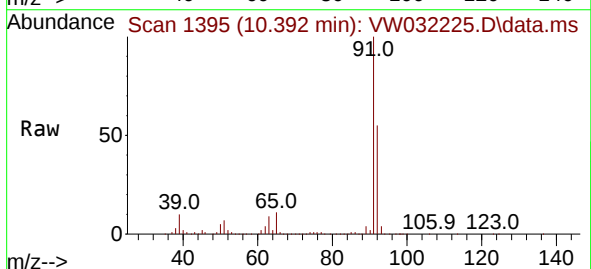
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

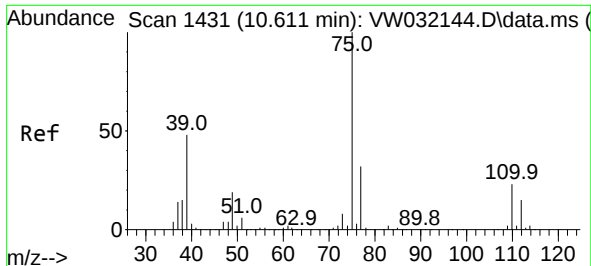
Tgt Ion: 43 Resp: 207549
Ion Ratio Lower Upper
43 100
58 38.8 32.0 48.0



#52
Toluene
Concen: 21.973 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

Tgt Ion: 92 Resp: 125831
Ion Ratio Lower Upper
92 100
91 173.6 137.5 206.3

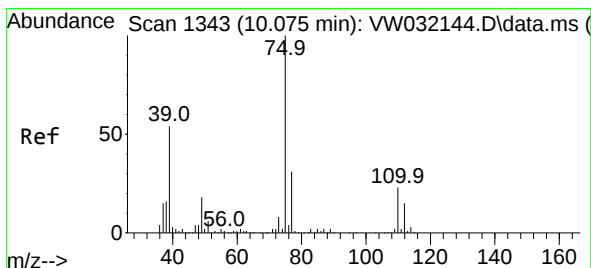
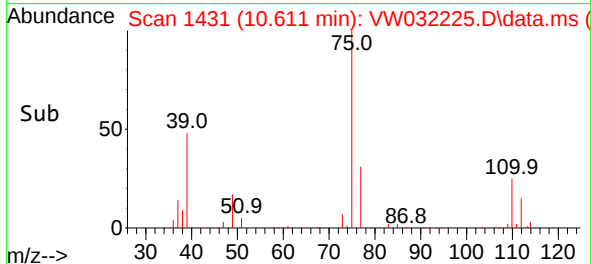
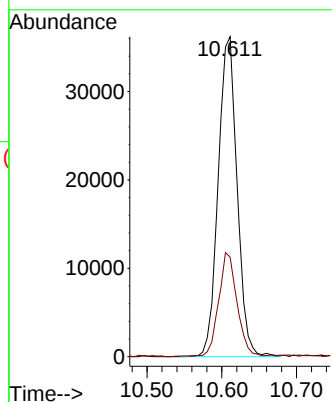
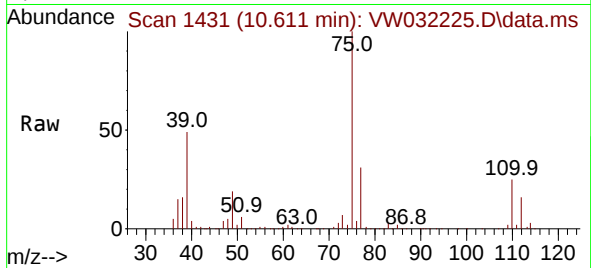




#53
t-1,3-Dichloropropene
Concen: 21.487 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

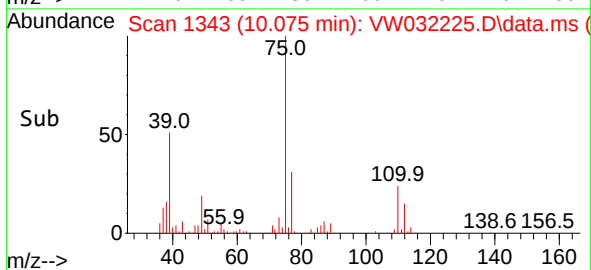
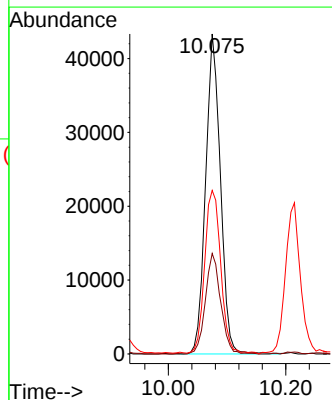
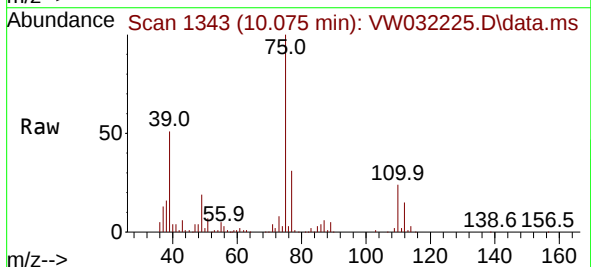
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

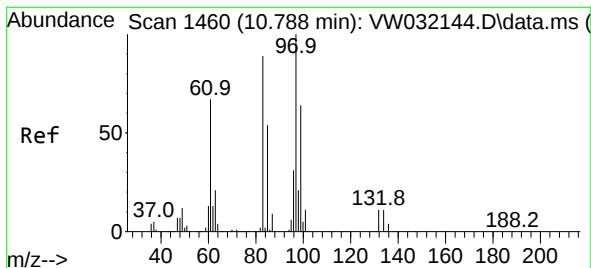
Tgt Ion: 75 Resp: 63823
Ion Ratio Lower Upper
75 100
77 30.9 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 22.400 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

Tgt Ion: 75 Resp: 75920
Ion Ratio Lower Upper
75 100
77 31.4 25.1 37.7
39 50.6 43.2 64.8

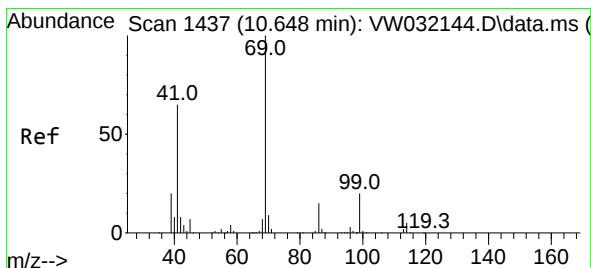
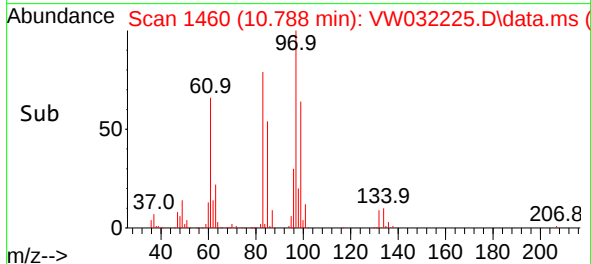
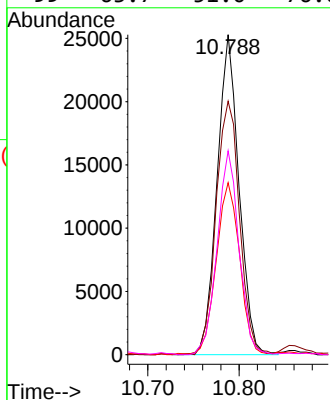
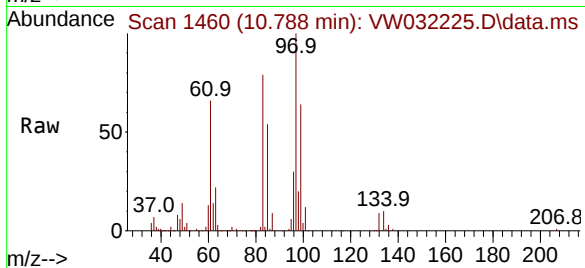




#55
1,1,2-Trichloroethane
Concen: 21.883 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

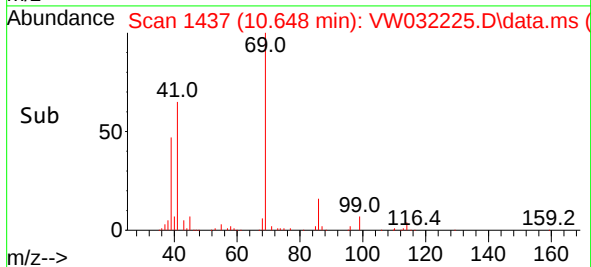
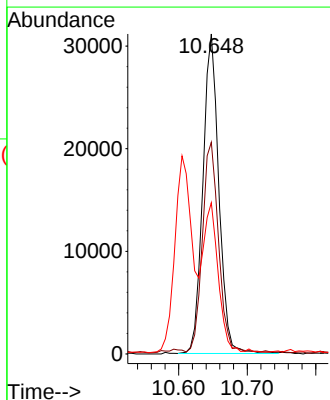
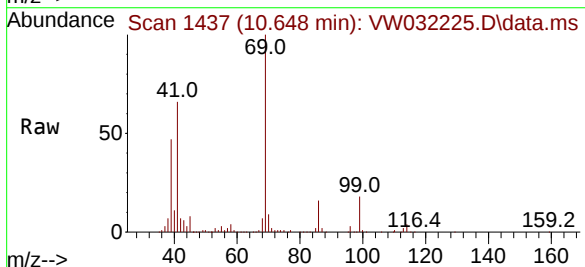
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

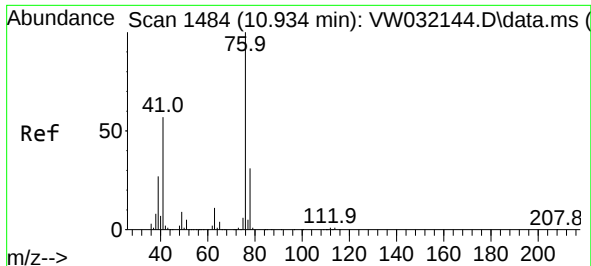
Tgt Ion:	97	Resp:	42163
Ion	Ratio	Lower	Upper
97	100		
83	79.2	71.0	106.6
85	53.4	42.8	64.2
99	63.7	51.0	76.6



#56
Ethyl methacrylate
Concen: 20.530 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

Tgt Ion:	69	Resp:	50570
Ion	Ratio	Lower	Upper
69	100		
41	66.0	53.2	79.8
39	42.6	32.9	49.3

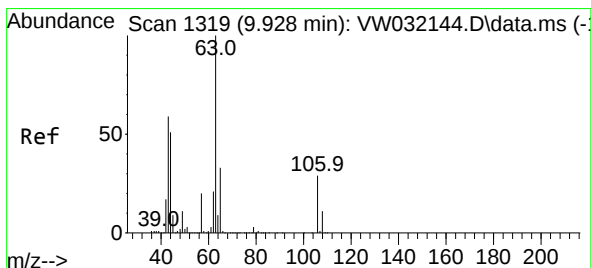
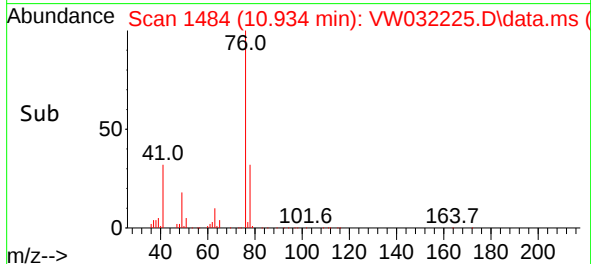
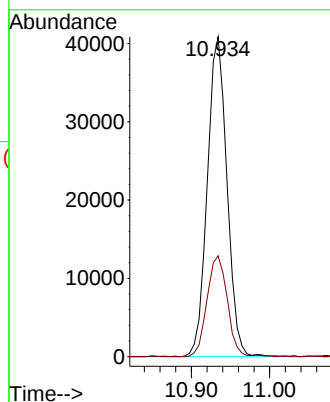
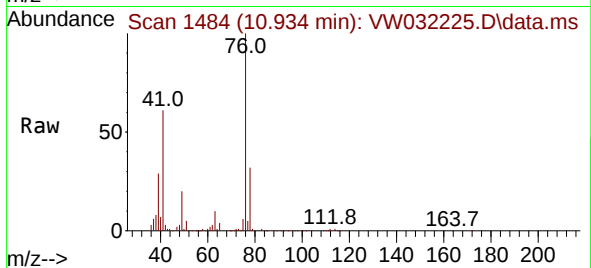




#57
1,3-Dichloropropane
Concen: 22.063 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

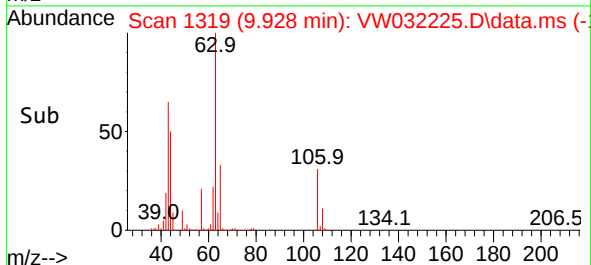
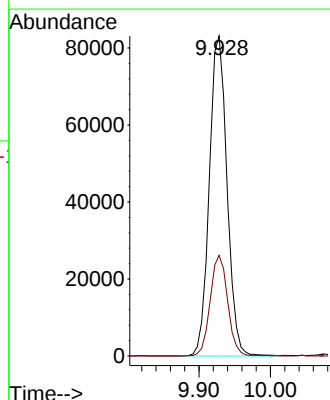
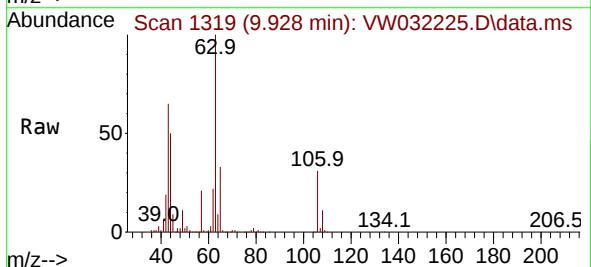
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

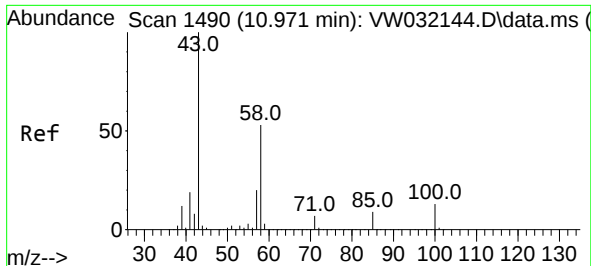
Tgt Ion: 76 Resp: 71180
Ion Ratio Lower Upper
76 100
78 32.6 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 108.695 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

Tgt Ion: 63 Resp: 142908
Ion Ratio Lower Upper
63 100
106 31.1 24.3 36.5

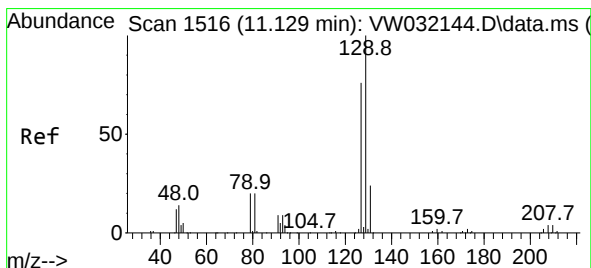
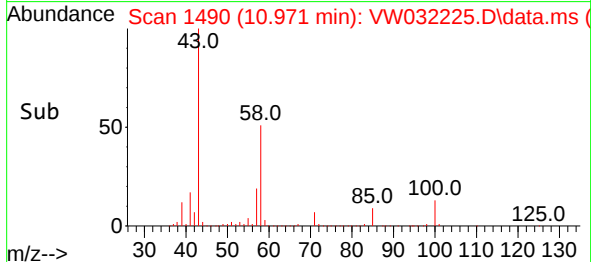
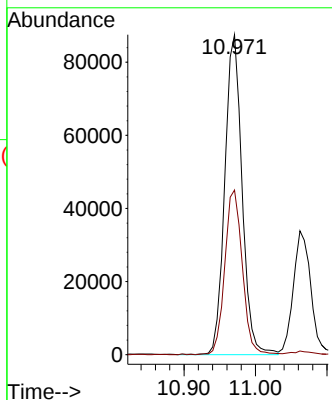
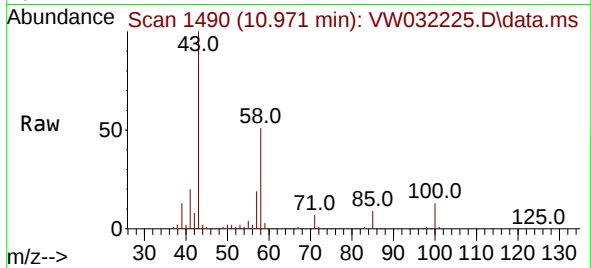




#59
2-Hexanone
Concen: 117.302 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

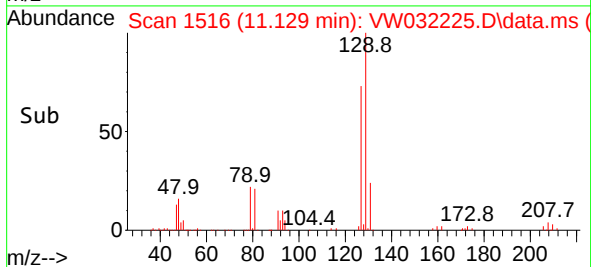
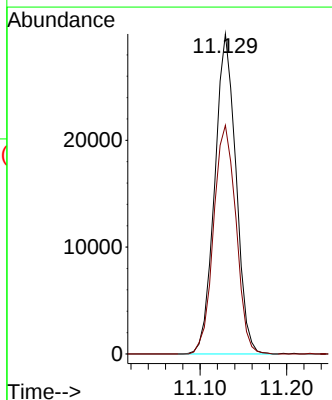
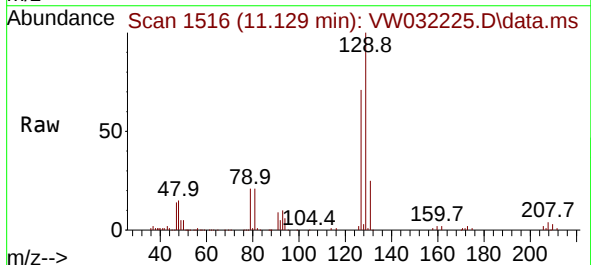
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

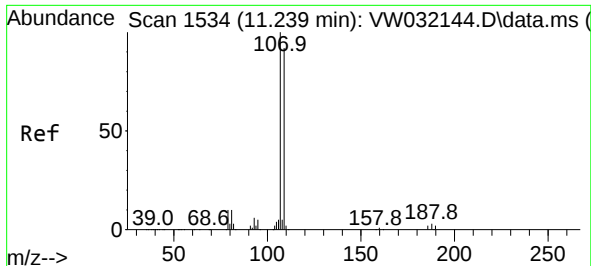
Tgt Ion: 43 Resp: 146967
Ion Ratio Lower Upper
43 100
58 52.3 27.5 82.4



#60
Dibromochloromethane
Concen: 21.849 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

Tgt Ion: 129 Resp: 50939
Ion Ratio Lower Upper
129 100
127 75.4 38.1 114.5

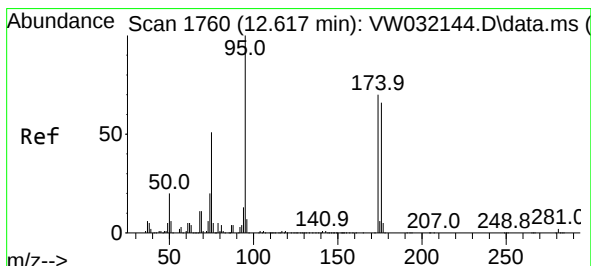
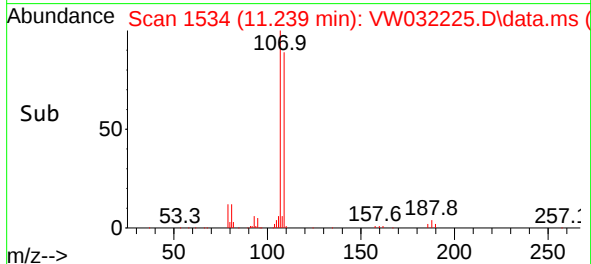
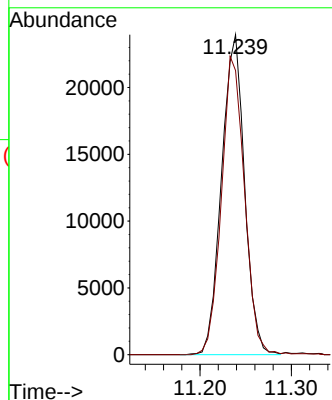
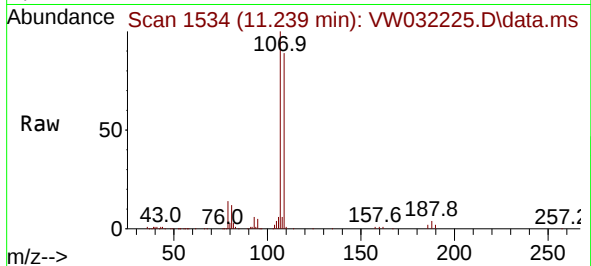




#61
1,2-Dibromoethane
Concen: 22.060 ug/l
RT: 11.239 min Scan# 1534
Delta R.T. -0.000 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

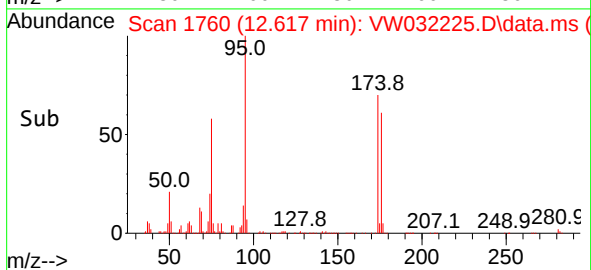
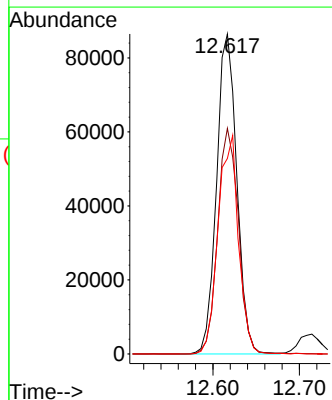
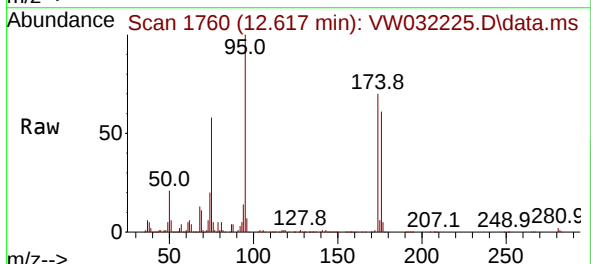
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

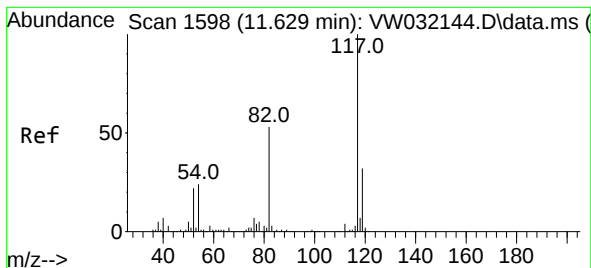
Tgt Ion:107 Resp: 41797
Ion Ratio Lower Upper
107 100
109 93.9 74.5 111.7



#62
4-Bromofluorobenzene
Concen: 49.416 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

Tgt Ion: 95 Resp: 140259
Ion Ratio Lower Upper
95 100
174 72.1 0.0 145.6
176 69.1 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: VW032225.D

Acq: 22 Sep 2025 11:13

Instrument :

MSVOA_W

ClientSampleId :

VW0922SBS01

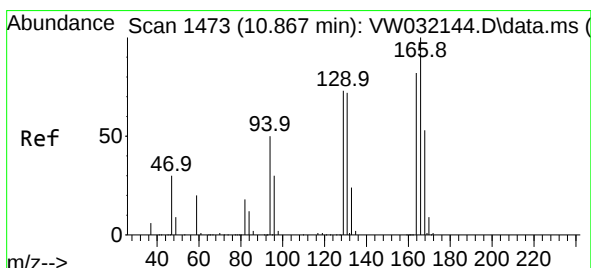
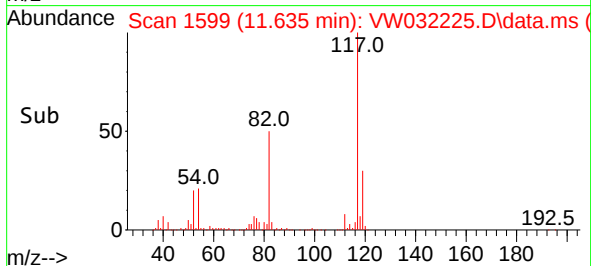
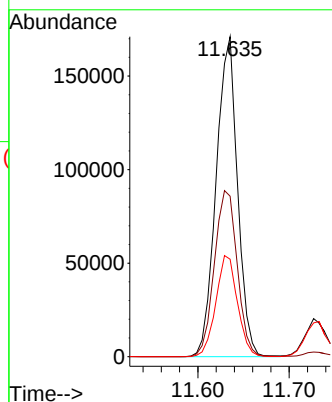
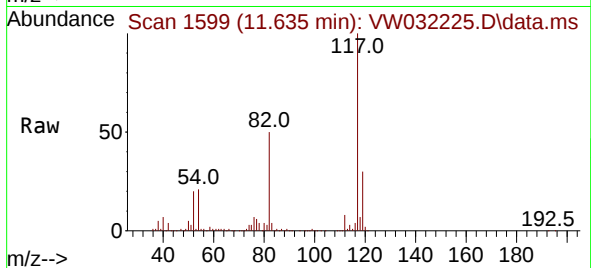
Tgt Ion:117 Resp: 278316

Ion Ratio Lower Upper

117 100

82 50.2 42.7 64.1

119 30.5 25.2 37.8



#64

Tetrachloroethene

Concen: 22.420 ug/l

RT: 10.867 min Scan# 1473

Delta R.T. -0.000 min

Lab File: VW032225.D

Acq: 22 Sep 2025 11:13

Tgt Ion:164 Resp: 41068

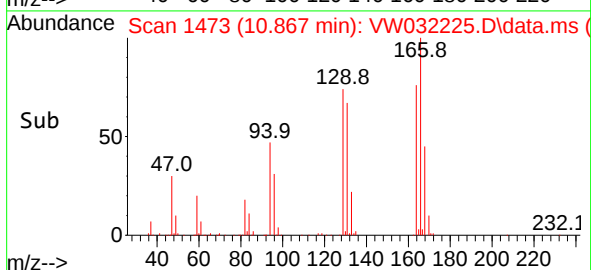
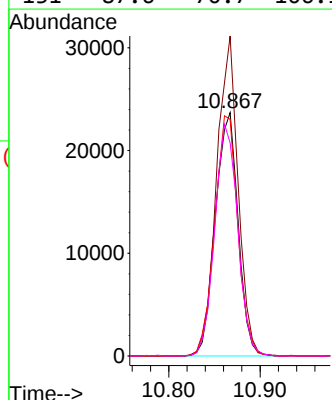
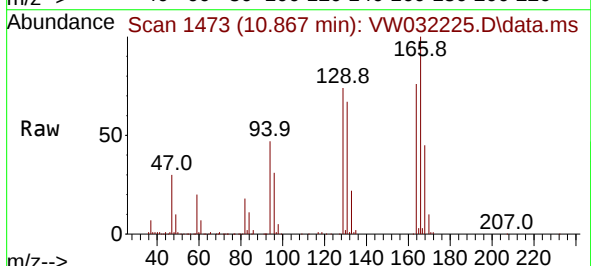
Ion Ratio Lower Upper

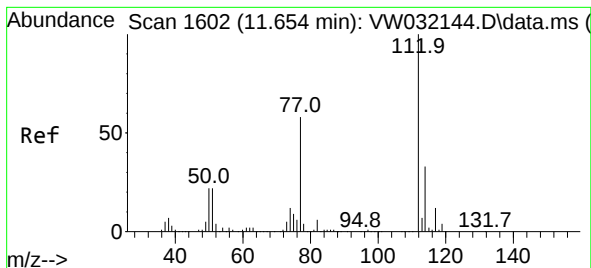
164 100

166 131.5 97.5 146.3

129 97.2 71.2 106.8

131 87.6 70.7 106.1

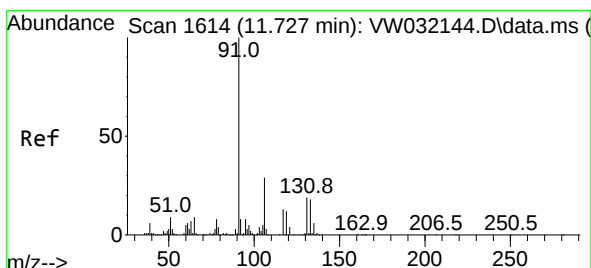
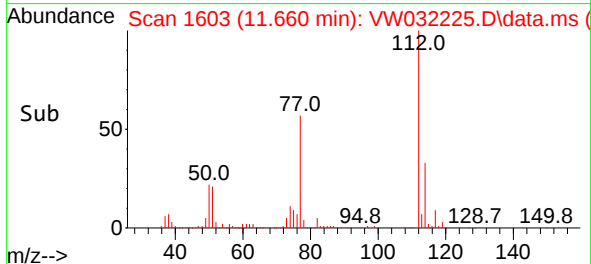
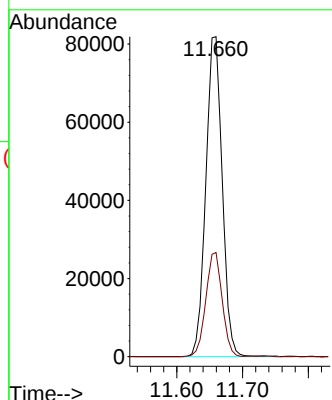
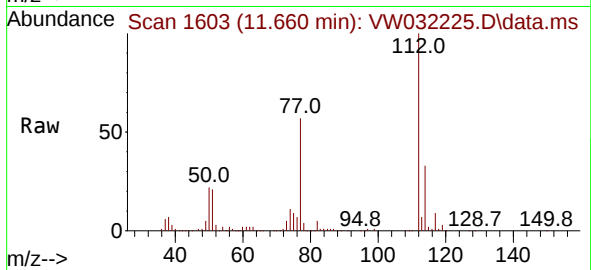




#65
Chlorobenzene
Concen: 22.449 ug/l
RT: 11.660 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

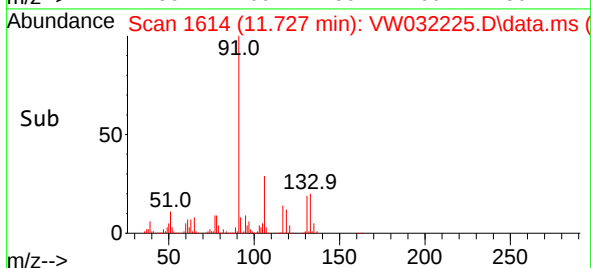
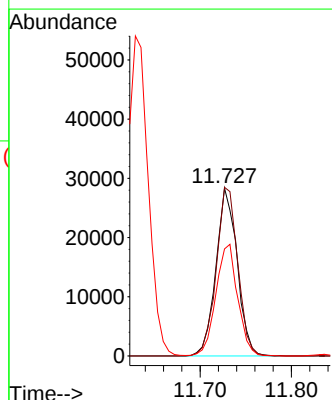
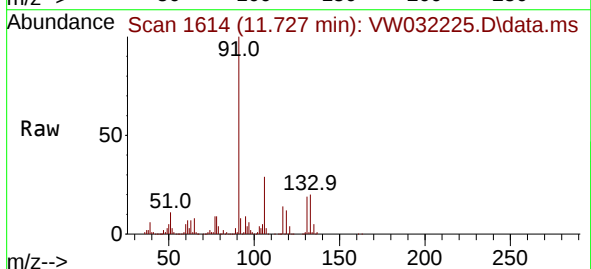
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

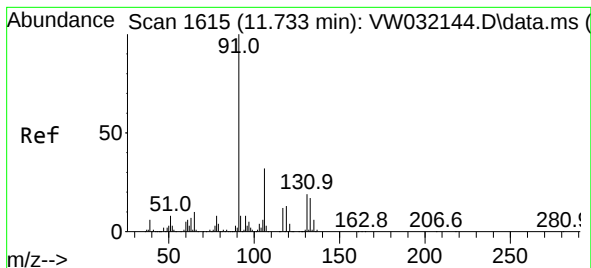
Tgt Ion:112 Resp: 142211
Ion Ratio Lower Upper
112 100
114 32.6 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.919 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

Tgt Ion:131 Resp: 45715
Ion Ratio Lower Upper
131 100
133 102.1 47.7 143.1
119 68.5 32.8 98.3





#67

Ethyl Benzene

Concen: 22.596 ug/l

RT: 11.727 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032225.D

Acq: 22 Sep 2025 11:13

Instrument :

MSVOA_W

ClientSampleId :

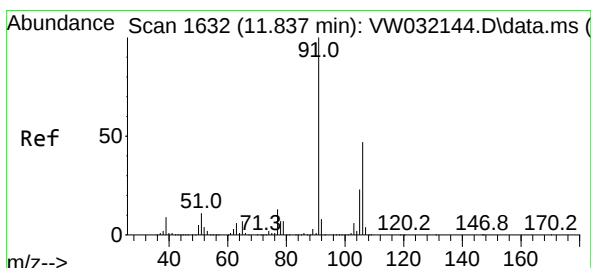
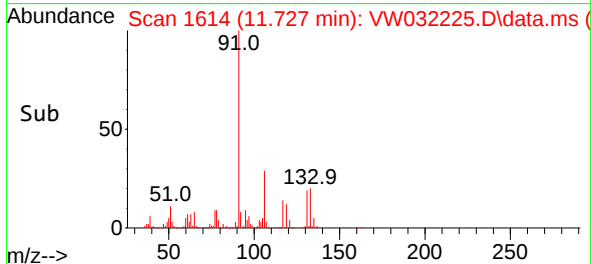
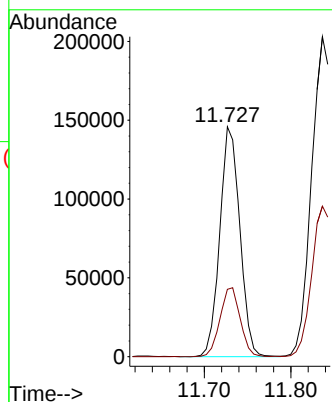
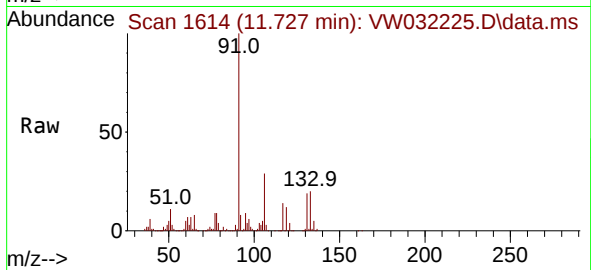
VW0922SBS01

Tgt Ion: 91 Resp: 234526

Ion Ratio Lower Upper

91 100

106 29.3 25.3 37.9



#68

m/p-Xylenes

Concen: 45.326 ug/l

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW032225.D

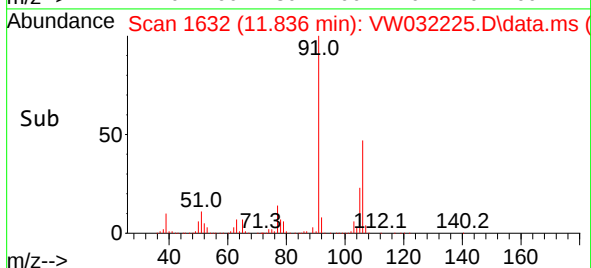
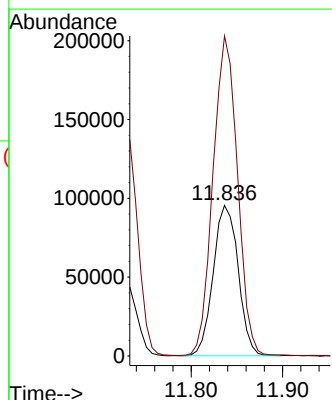
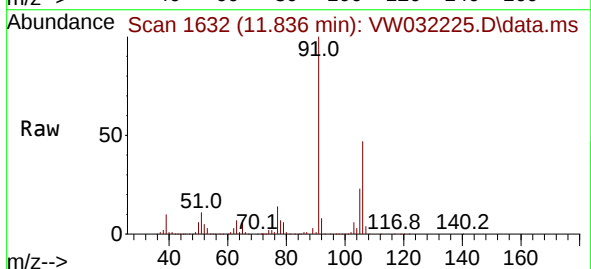
Acq: 22 Sep 2025 11:13

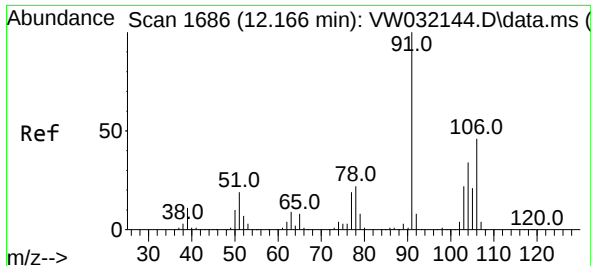
Tgt Ion:106 Resp: 181059

Ion Ratio Lower Upper

106 100

91 208.7 164.2 246.2

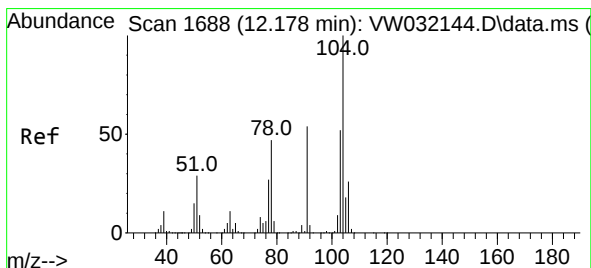
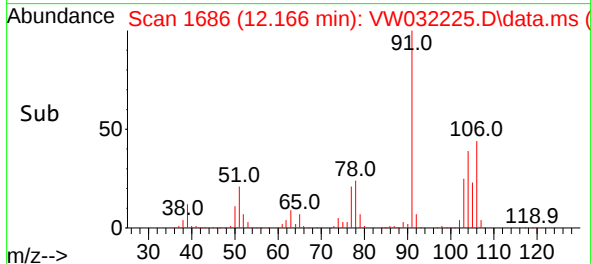
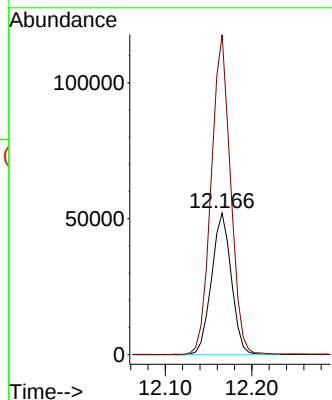
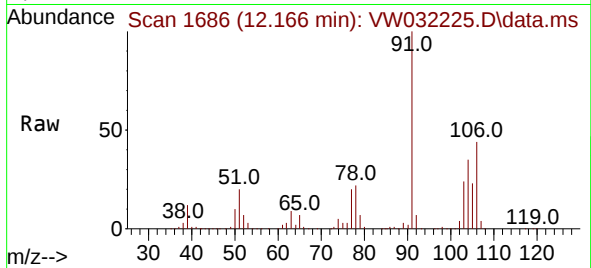




#69
o-Xylene
Concen: 21.853 ug/l
RT: 12.166 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

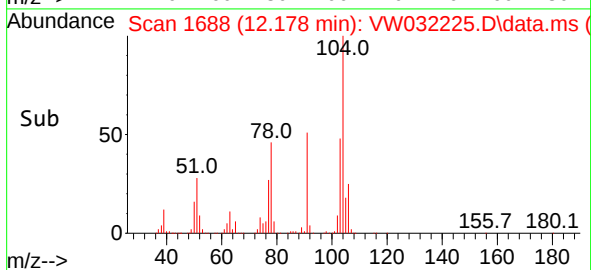
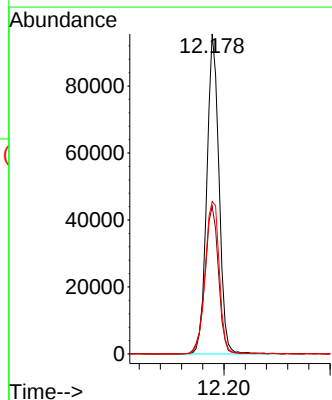
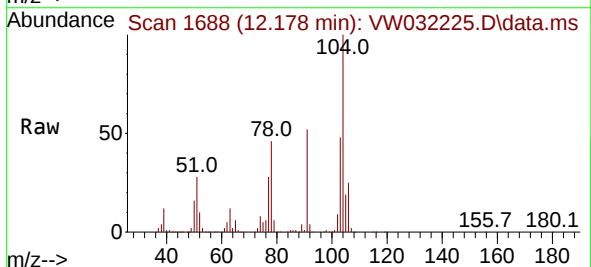
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

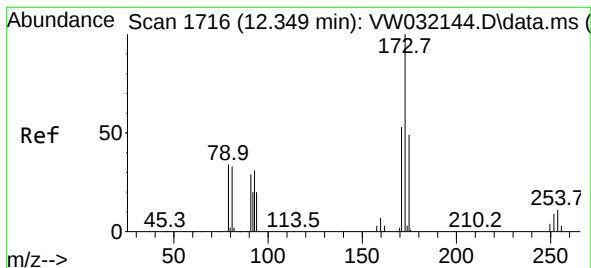
Tgt Ion:106 Resp: 82569
Ion Ratio Lower Upper
106 100
91 221.2 108.7 326.3



#70
Styrene
Concen: 22.886 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

Tgt Ion:104 Resp: 152436
Ion Ratio Lower Upper
104 100
78 51.2 41.6 62.4
103 55.3 44.8 67.2





#71

Bromoform

Concen: 21.212 ug/l

RT: 12.348 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032225.D

Acq: 22 Sep 2025 11:13

Instrument :

MSVOA_W

ClientSampleId :

VW0922SBS01

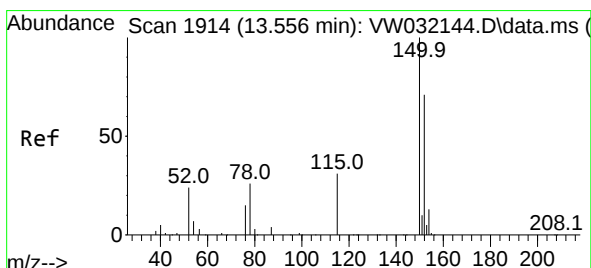
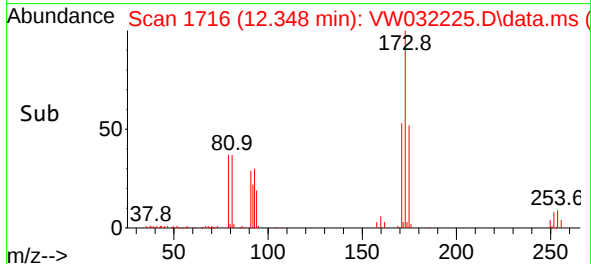
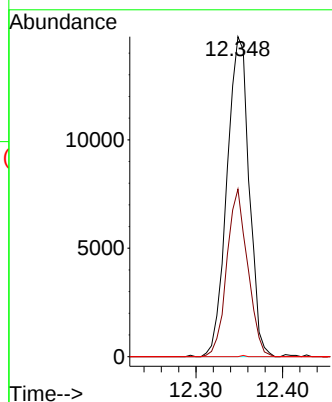
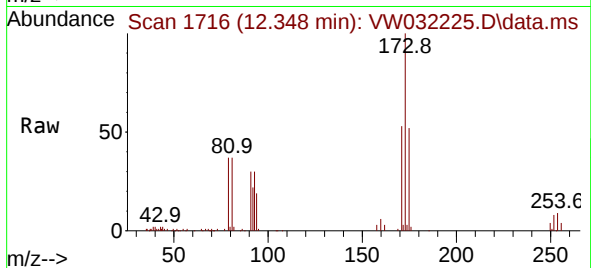
Tgt Ion:173 Resp: 26276

Ion Ratio Lower Upper

173 100

175 49.2 24.9 74.7

254 0.1 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: VW032225.D

Acq: 22 Sep 2025 11:13

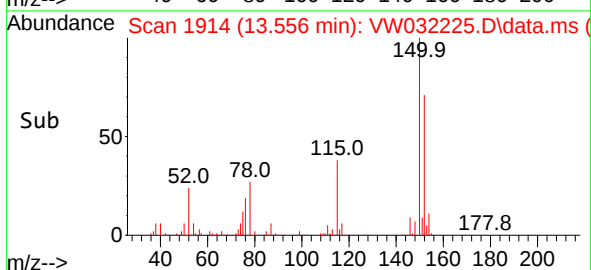
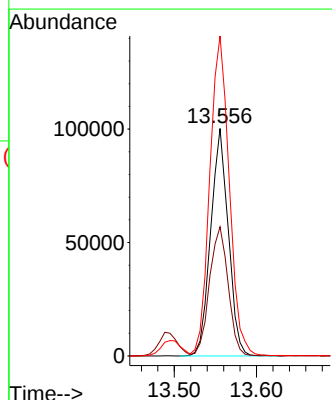
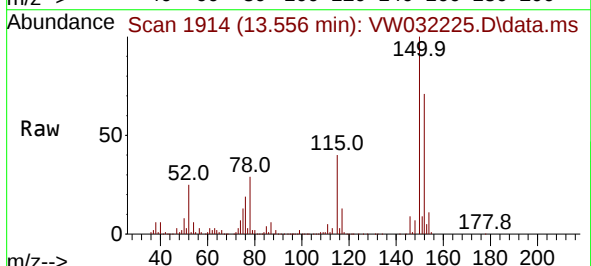
Tgt Ion:152 Resp: 149741

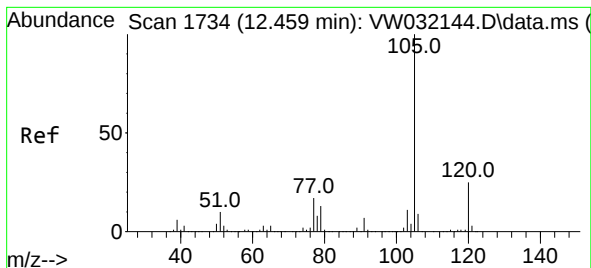
Ion Ratio Lower Upper

152 100

115 59.6 31.8 95.4

150 154.5 0.0 343.0





#73

Isopropylbenzene

Concen: 20.980 ug/l

RT: 12.464 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032225.D

Acq: 22 Sep 2025 11:13

Instrument :

MSVOA_W

ClientSampleId :

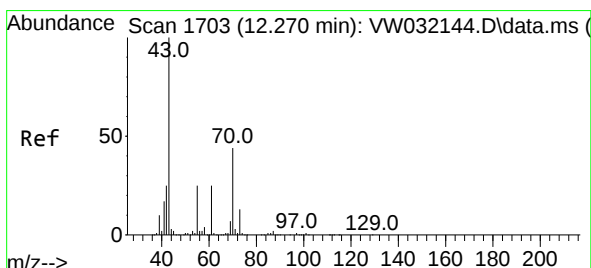
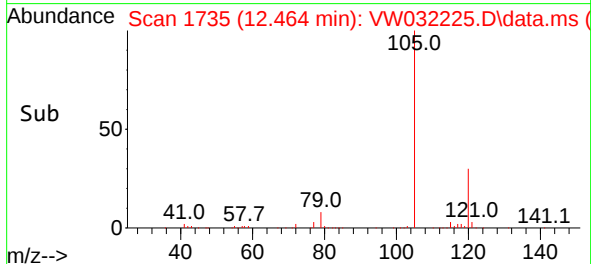
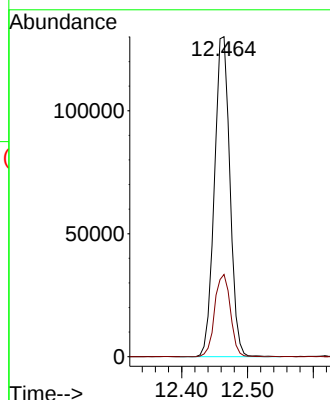
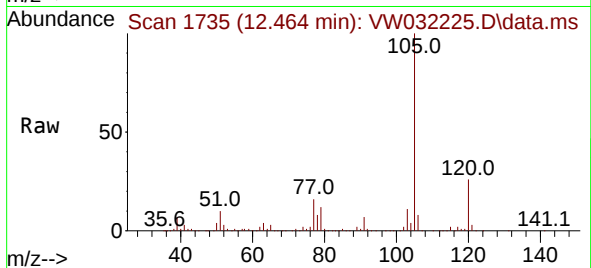
VW0922SBS01

Tgt Ion:105 Resp: 213428

Ion Ratio Lower Upper

105 100

120 26.1 13.0 38.9



#74

N-ethyl acetate

Concen: 21.137 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VW032225.D

Acq: 22 Sep 2025 11:13

Tgt Ion: 43 Resp: 62428

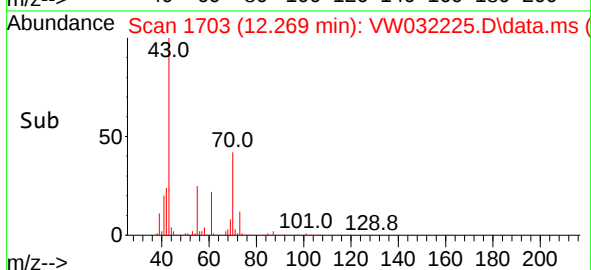
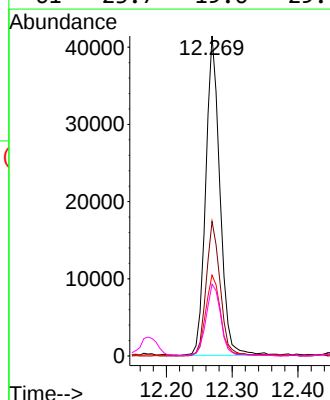
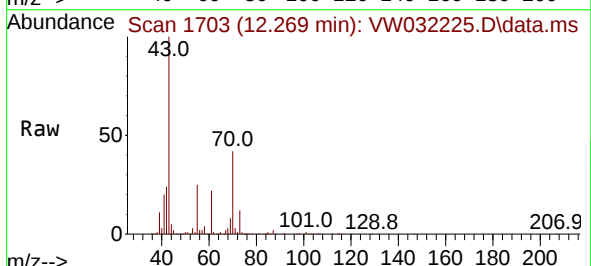
Ion Ratio Lower Upper

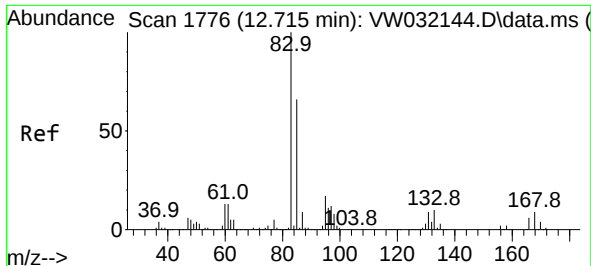
43 100

70 41.5 35.3 52.9

55 26.6 19.9 29.9

61 23.7 19.6 29.4

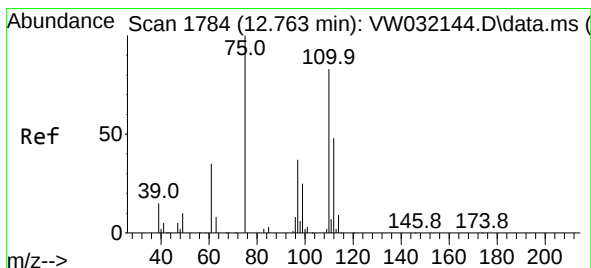
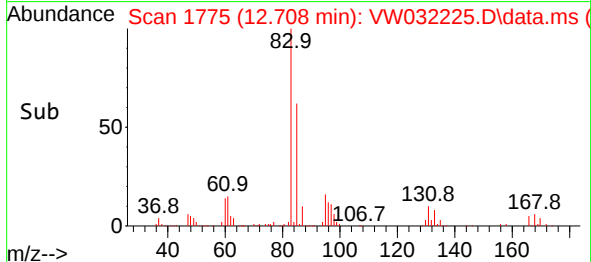
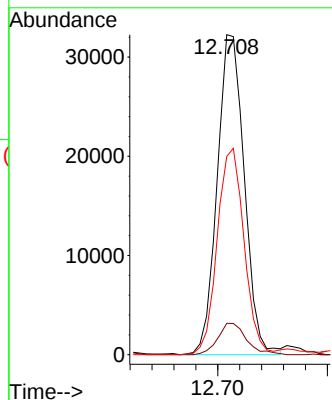
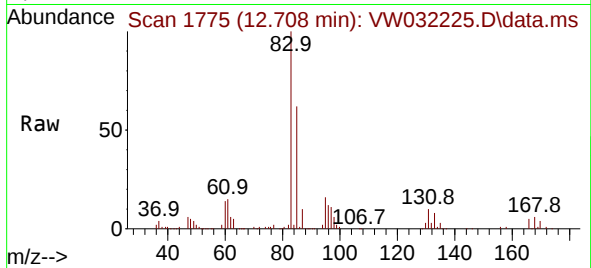




#75
1,1,2,2-Tetrachloroethane
Concen: 22.957 ug/l
RT: 12.708 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

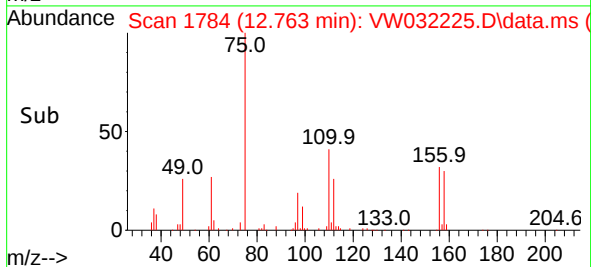
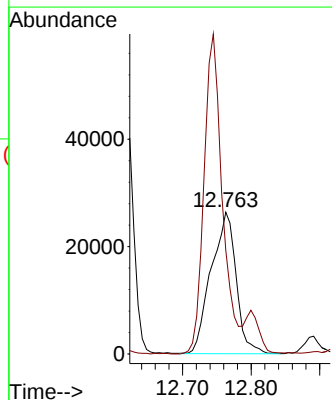
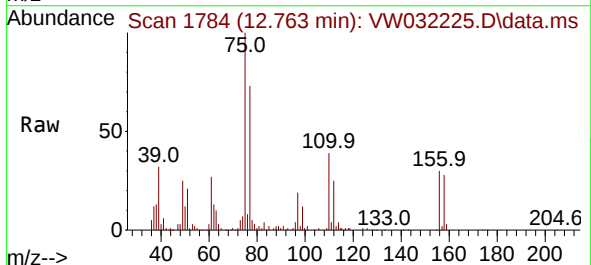
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

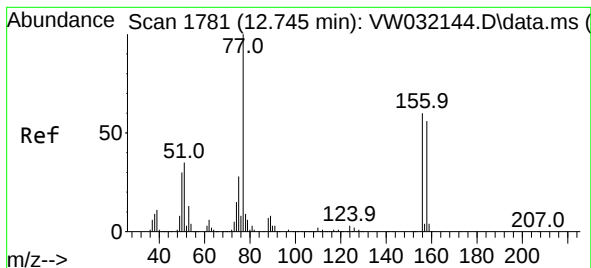
Tgt Ion: 83 Resp: 55501
Ion Ratio Lower Upper
83 100
131 10.4 5.1 15.4
85 63.7 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 35.734 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

Tgt Ion: 75 Resp: 67036
Ion Ratio Lower Upper
75 100
77 164.6 141.7 425.1





#77

Bromobenzene

Concen: 21.414 ug/l

RT: 12.745 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032225.D

Acq: 22 Sep 2025 11:13

Instrument :

MSVOA_W

ClientSampleId :

VW0922SBS01

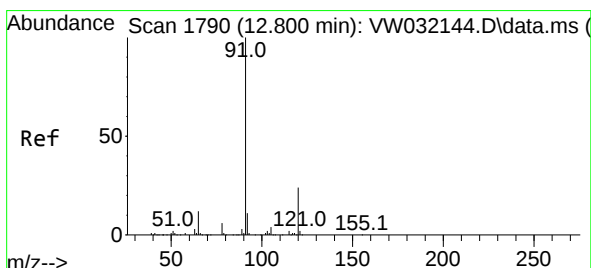
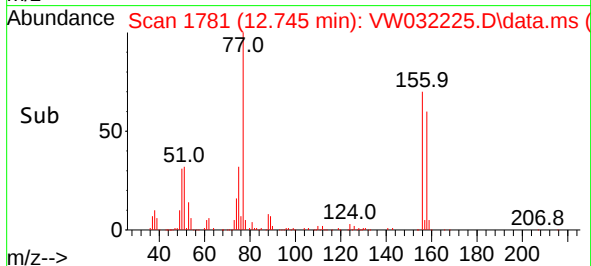
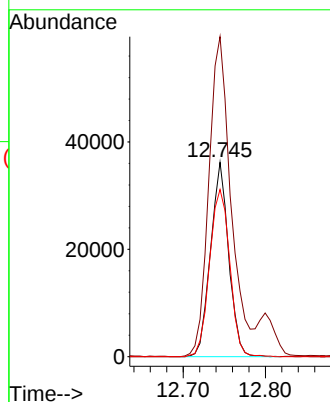
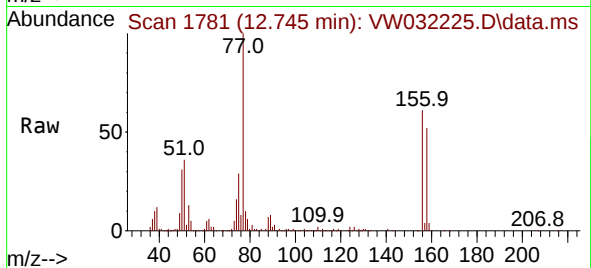
Tgt Ion:156 Resp: 55551

Ion Ratio Lower Upper

156 100

77 198.6 98.6 295.7

158 95.7 48.4 145.0



#78

n-propylbenzene

Concen: 22.231 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VW032225.D

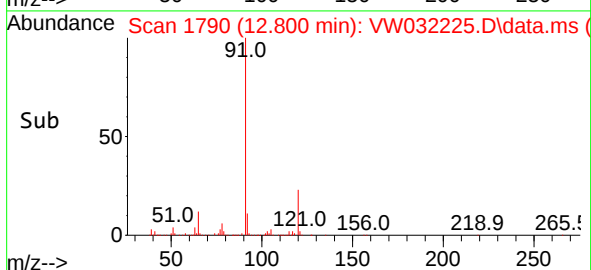
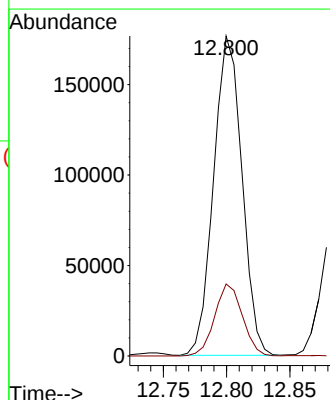
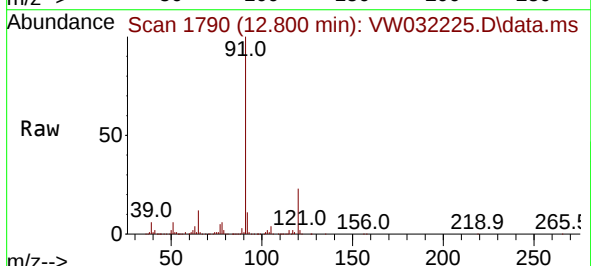
Acq: 22 Sep 2025 11:13

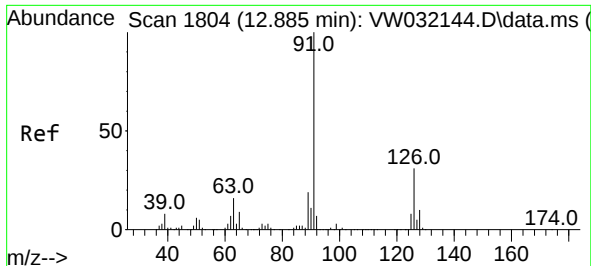
Tgt Ion: 91 Resp: 274564

Ion Ratio Lower Upper

91 100

120 22.1 11.8 35.4





#79

2-Chlorotoluene

Concen: 21.566 ug/l

RT: 12.891 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VW032225.D

Acq: 22 Sep 2025 11:13

Instrument :

MSVOA_W

ClientSampleId :

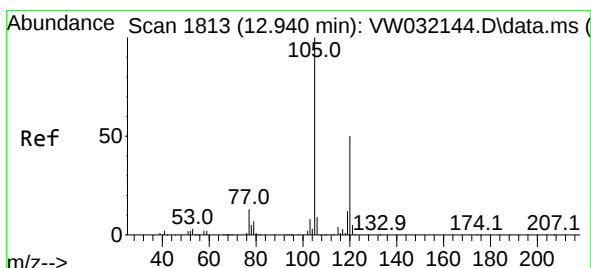
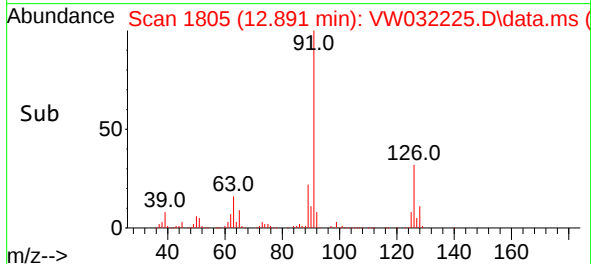
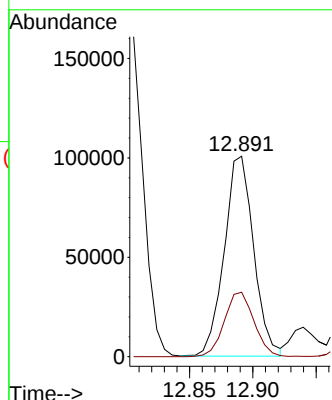
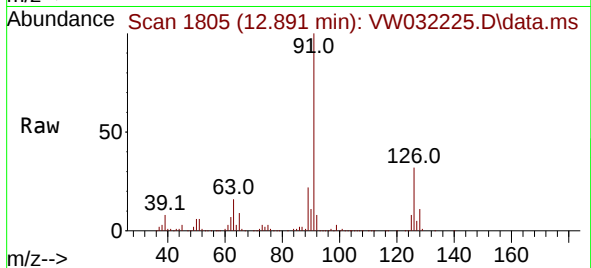
VW0922SBS01

Tgt Ion: 91 Resp: 162879

Ion Ratio Lower Upper

91 100

126 32.6 16.6 49.7



#80

1,3,5-Trimethylbenzene

Concen: 22.077 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW032225.D

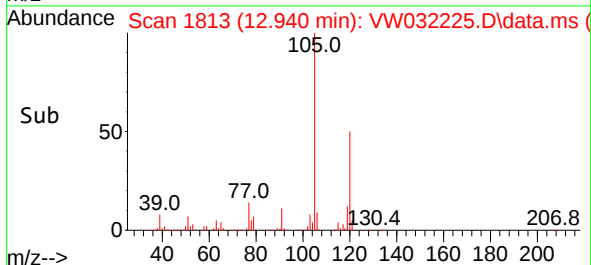
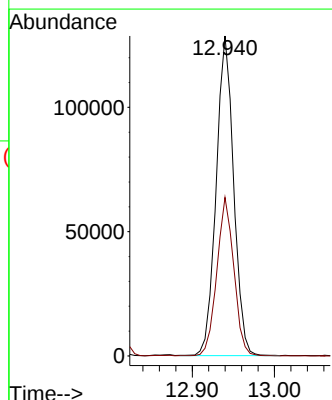
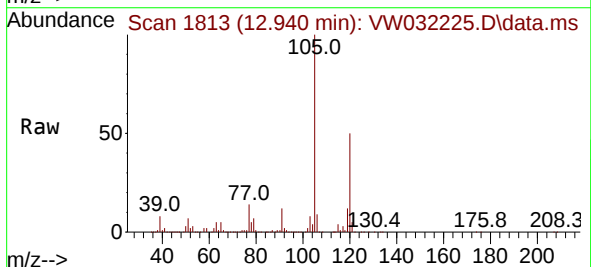
Acq: 22 Sep 2025 11:13

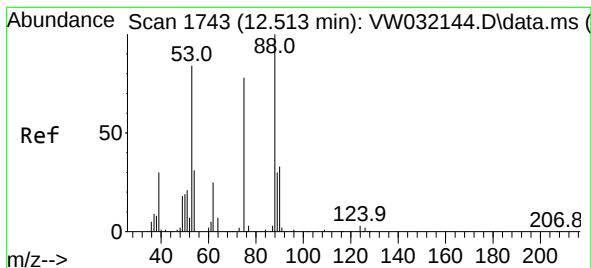
Tgt Ion: 105 Resp: 190145

Ion Ratio Lower Upper

105 100

120 48.4 24.8 74.4

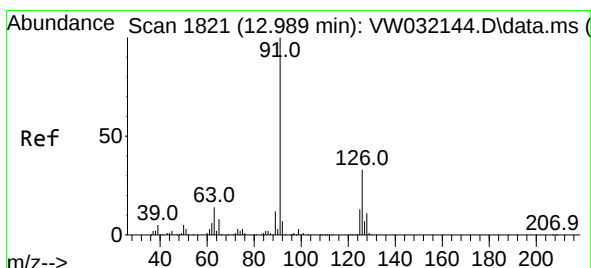
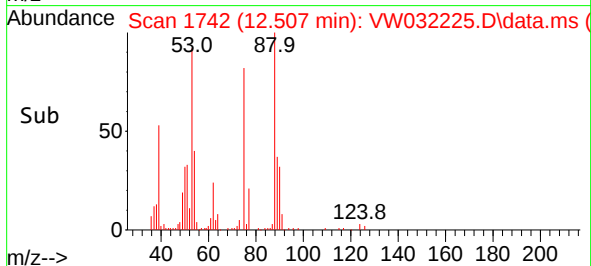
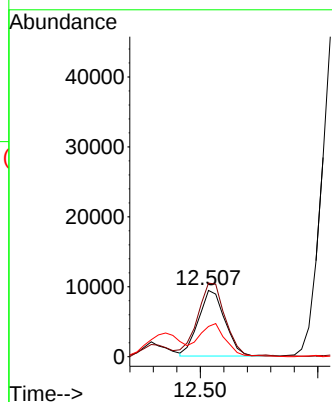
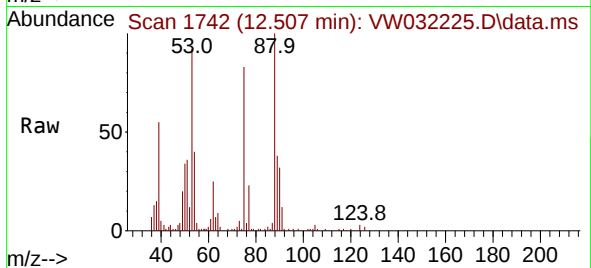




#81
trans-1,4-Dichloro-2-butene
Concen: 21.183 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

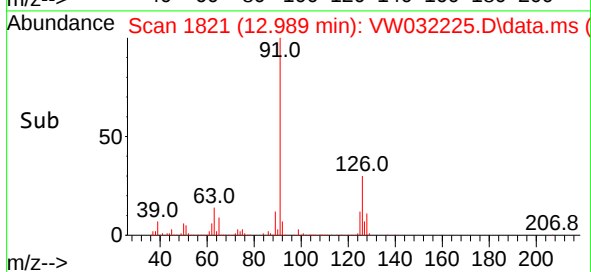
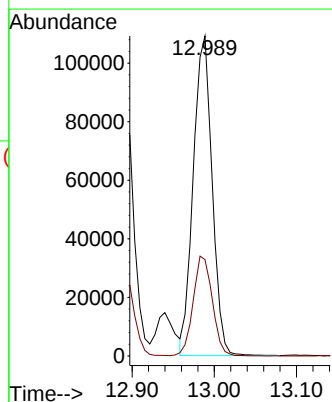
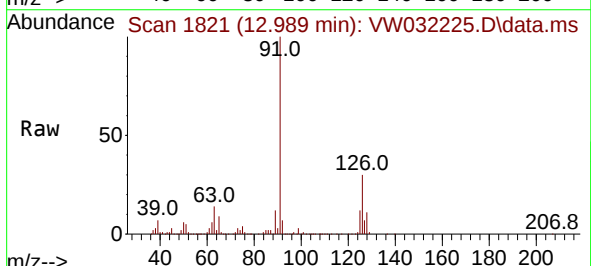
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

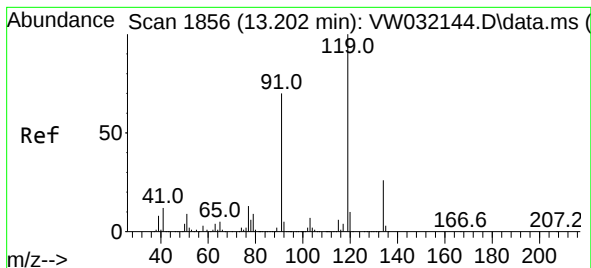
Tgt Ion: 75 Resp: 14759
Ion Ratio Lower Upper
75 100
53 114.9 91.0 136.6
89 50.5 39.4 59.2



#82
4-Chlorotoluene
Concen: 21.503 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

Tgt Ion: 91 Resp: 173833
Ion Ratio Lower Upper
91 100
126 31.9 16.1 48.2

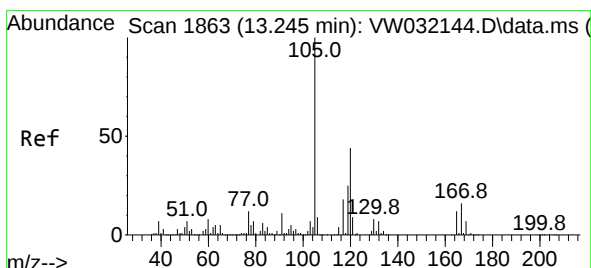
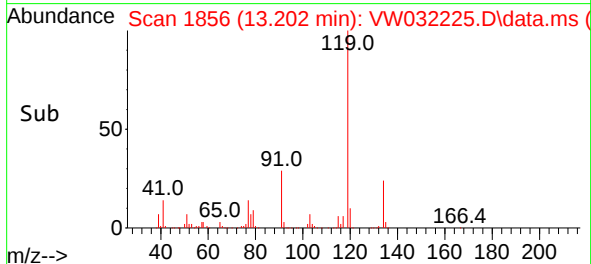
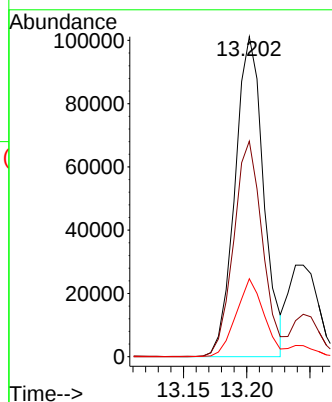
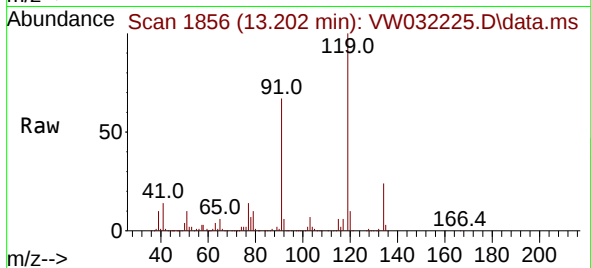




#83
tert-Butylbenzene
Concen: 21.827 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

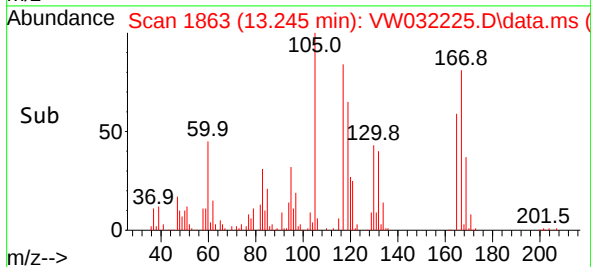
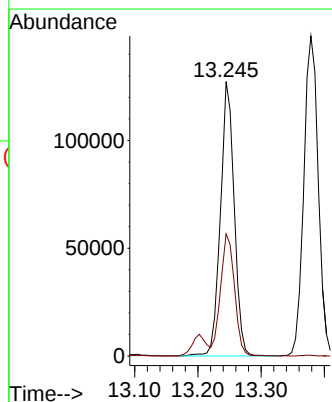
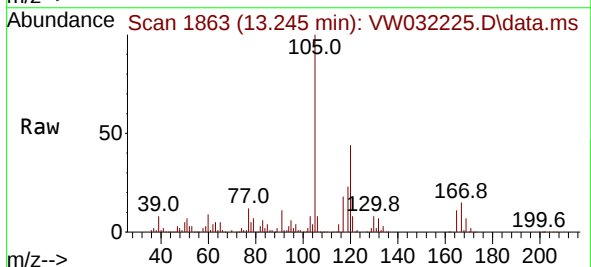
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

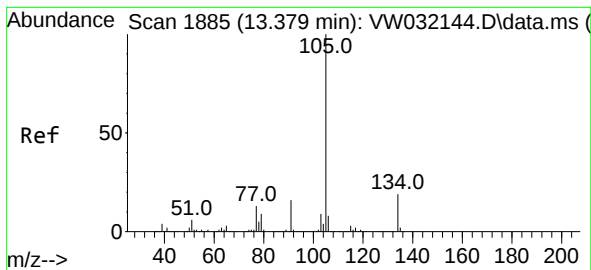
Tgt Ion:119 Resp: 159402
Ion Ratio Lower Upper
119 100
91 67.5 33.8 101.3
134 24.3 12.5 37.5



#84
1,2,4-Trimethylbenzene
Concen: 21.535 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

Tgt Ion:105 Resp: 191894
Ion Ratio Lower Upper
105 100
120 45.0 22.1 66.3





#85

sec-Butylbenzene

Concen: 21.425 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VW032225.D

Acq: 22 Sep 2025 11:13

Instrument :

MSVOA_W

ClientSampleId :

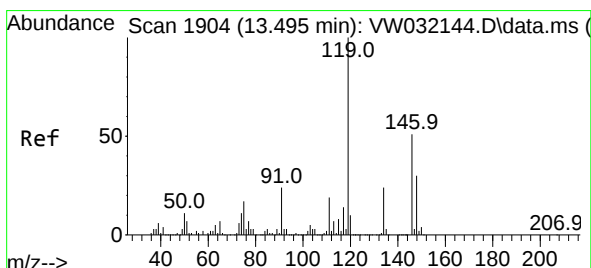
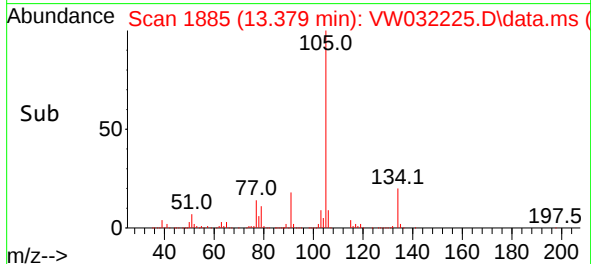
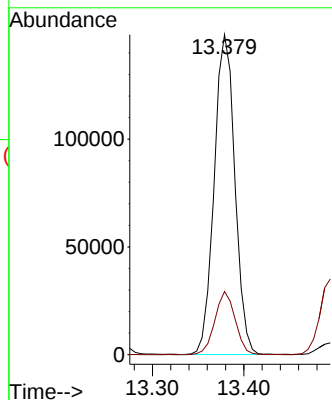
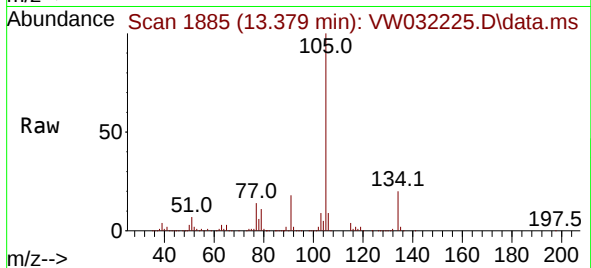
VW0922SBS01

Tgt Ion:105 Resp: 233605

Ion Ratio Lower Upper

105 100

134 19.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 21.153 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032225.D

Acq: 22 Sep 2025 11:13

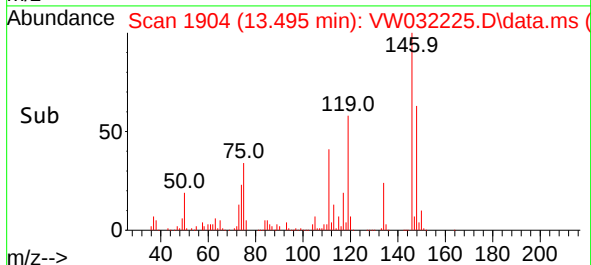
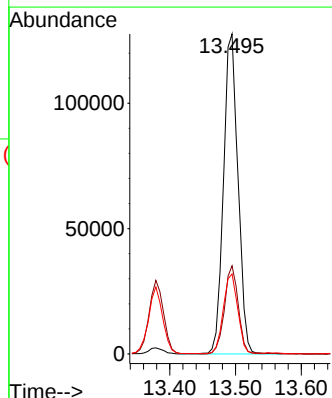
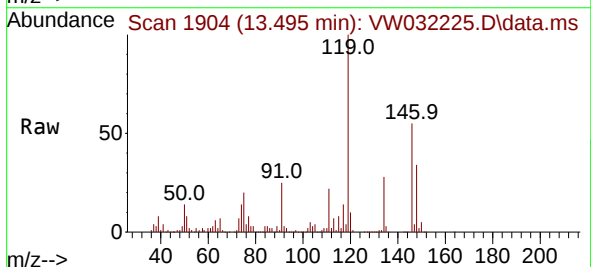
Tgt Ion:119 Resp: 196140

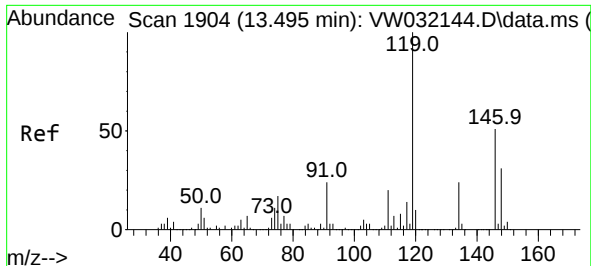
Ion Ratio Lower Upper

119 100

134 26.2 12.6 37.6

91 24.8 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 21.864 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032225.D

Acq: 22 Sep 2025 11:13

Instrument :

MSVOA_W

ClientSampleId :

VW0922SBS01

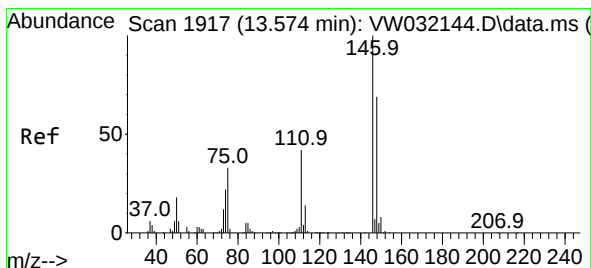
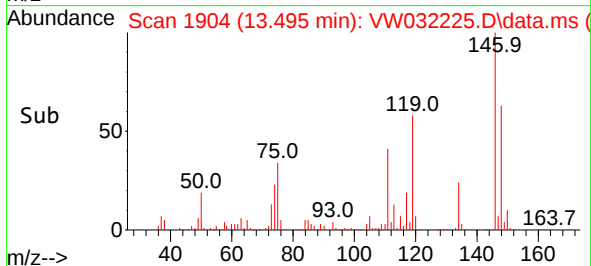
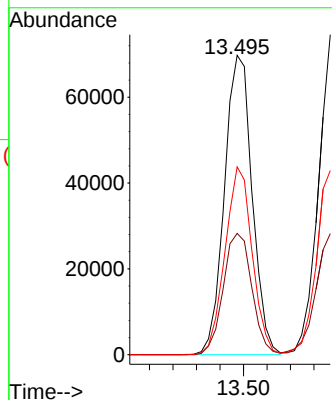
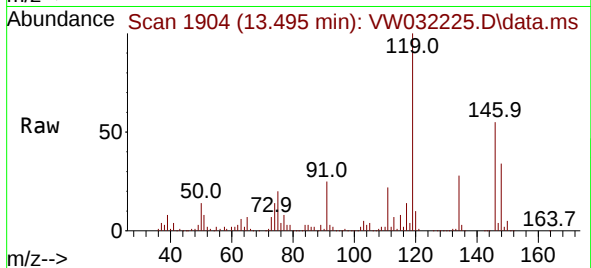
Tgt Ion:146 Resp: 114203

Ion Ratio Lower Upper

146 100

111 41.8 20.6 61.9

148 61.5 30.6 92.0



#88

1,4-Dichlorobenzene

Concen: 21.497 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032225.D

Acq: 22 Sep 2025 11:13

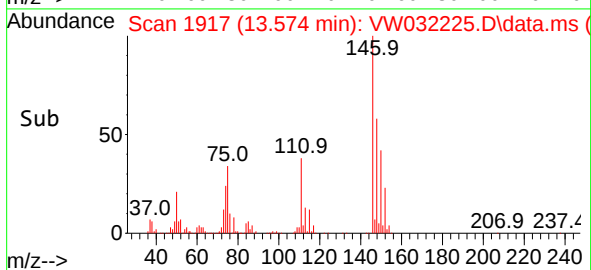
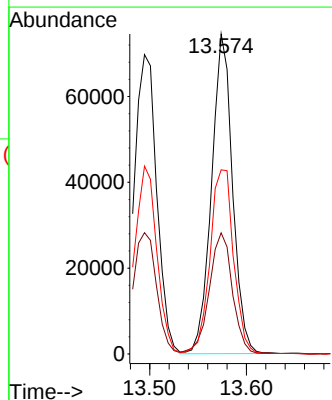
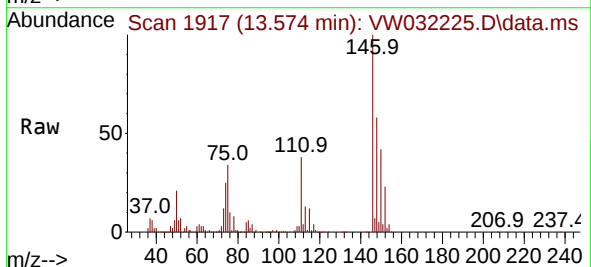
Tgt Ion:146 Resp: 112551

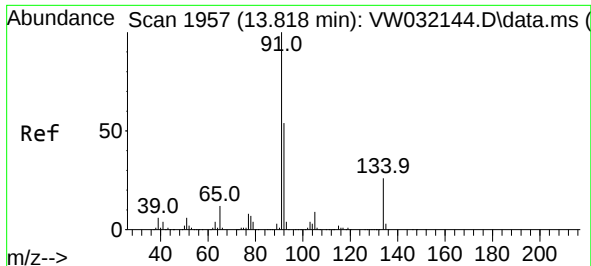
Ion Ratio Lower Upper

146 100

111 41.4 21.3 63.7

148 65.1 33.4 100.1

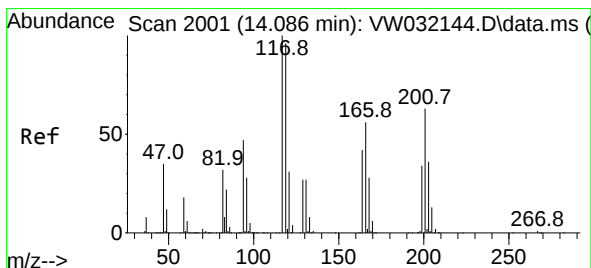
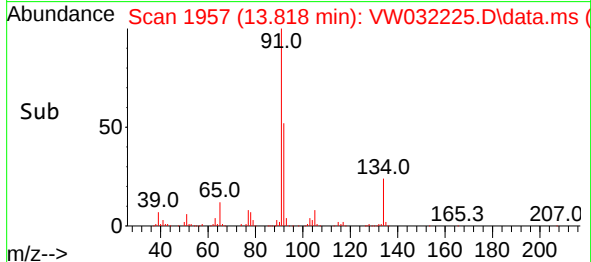
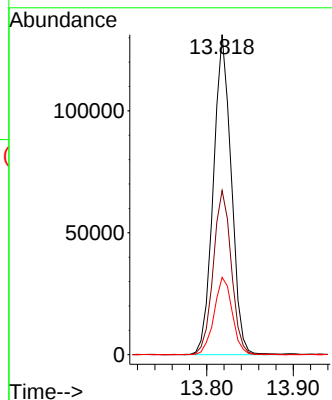
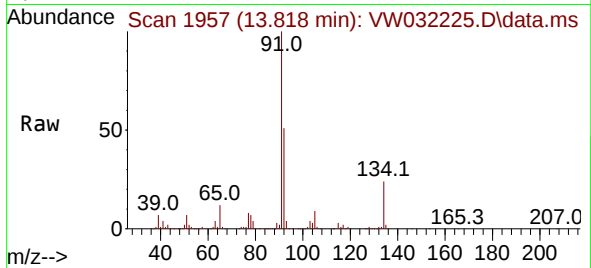




#89
n-Butylbenzene
Concen: 21.365 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

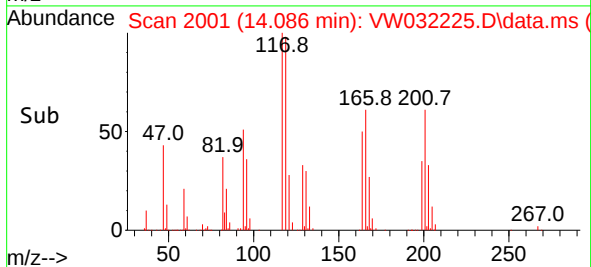
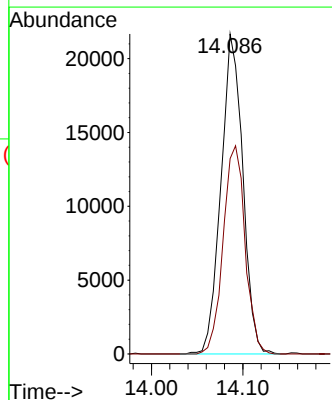
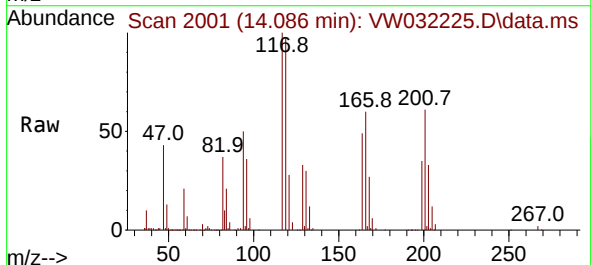
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

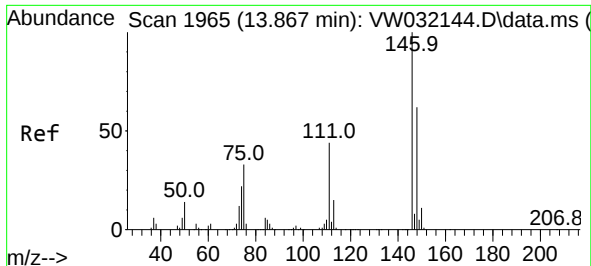
Tgt Ion: 91 Resp: 188875
Ion Ratio Lower Upper
91 100
92 51.8 27.0 81.0
134 24.4 13.1 39.3



#90
Hexachloroethane
Concen: 21.195 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

Tgt Ion: 117 Resp: 35948
Ion Ratio Lower Upper
117 100
201 65.4 32.8 98.4

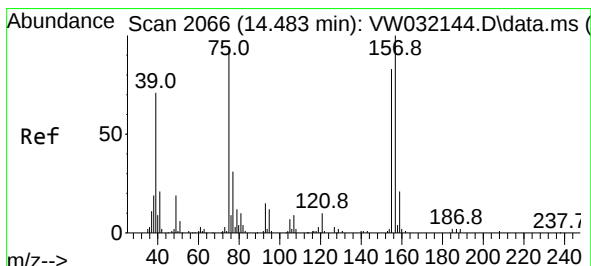
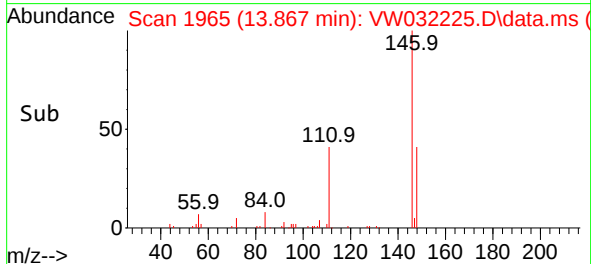
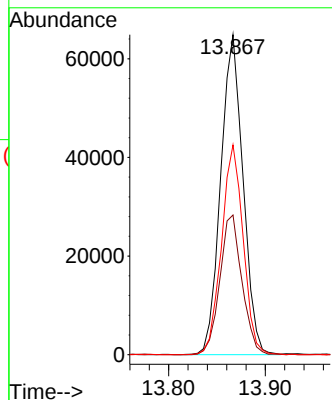
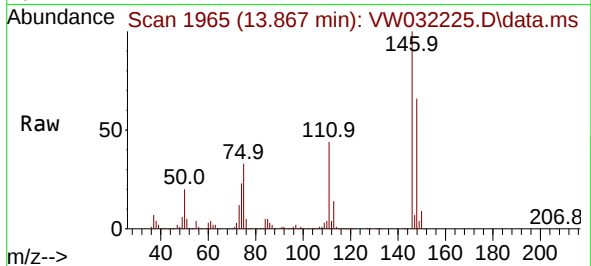




#91
1,2-Dichlorobenzene
Concen: 22.435 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

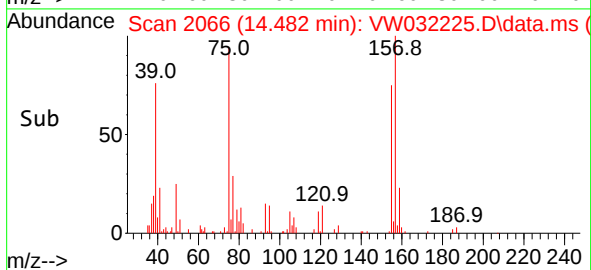
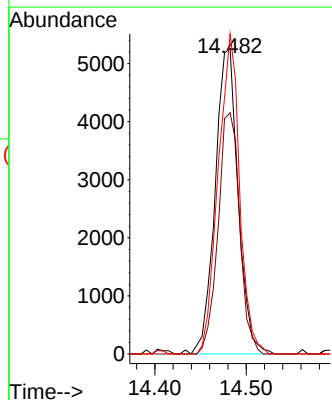
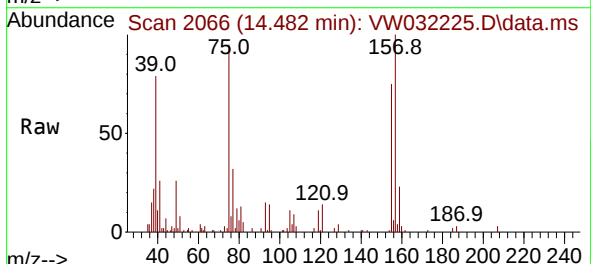
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBS01

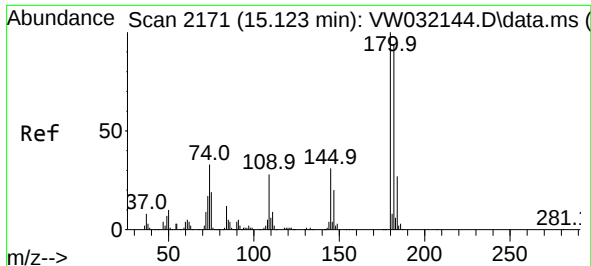
Tgt Ion:146 Resp: 103752
Ion Ratio Lower Upper
146 100
111 43.3 23.4 70.0
148 63.7 34.1 102.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.515 ug/l
RT: 14.482 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VW032225.D
Acq: 22 Sep 2025 11:13

Tgt Ion: 75 Resp: 9189
Ion Ratio Lower Upper
75 100
155 74.3 40.8 122.5
157 97.8 51.8 155.4





#93

1,2,4-Trichlorobenzene

Concen: 19.297 ug/l

RT: 15.128 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VW032225.D

Acq: 22 Sep 2025 11:13

Instrument :

MSVOA_W

ClientSampleId :

VW0922SBS01

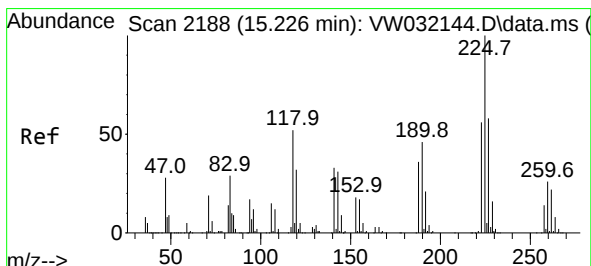
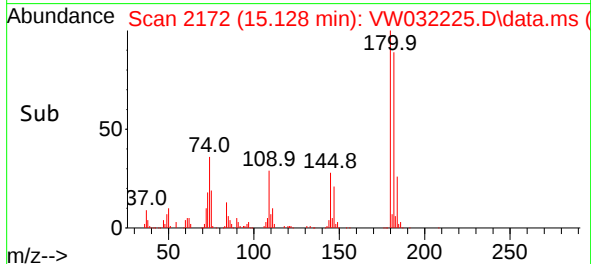
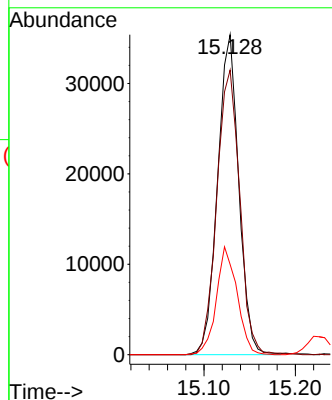
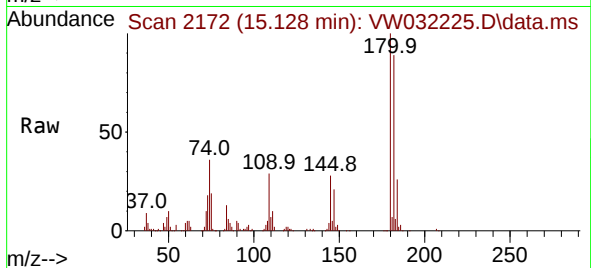
Tgt Ion:180 Resp: 57017

Ion Ratio Lower Upper

180 100

182 96.0 47.4 142.2

145 33.1 16.4 49.1



#94

Hexachlorobutadiene

Concen: 18.768 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. -0.000 min

Lab File: VW032225.D

Acq: 22 Sep 2025 11:13

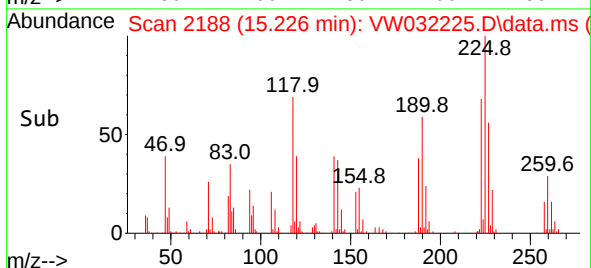
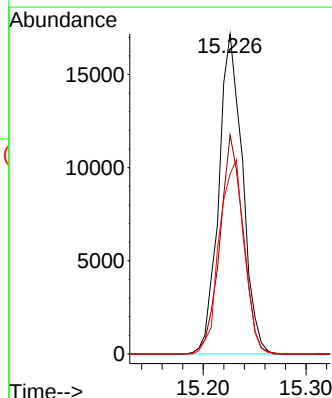
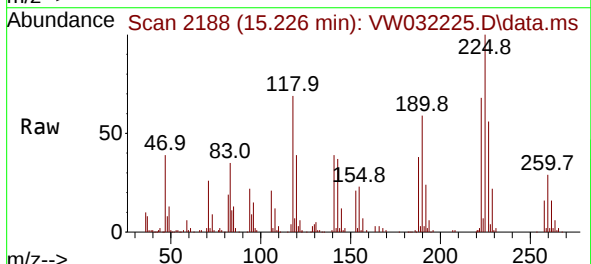
Tgt Ion:225 Resp: 27502

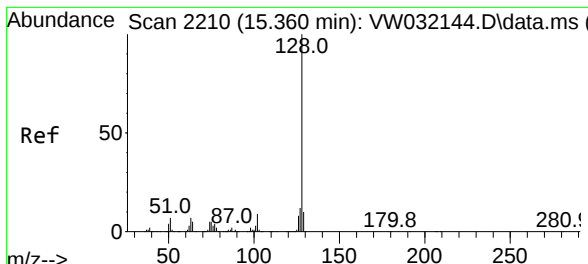
Ion Ratio Lower Upper

225 100

223 67.0 29.8 89.3

227 64.0 30.5 91.5



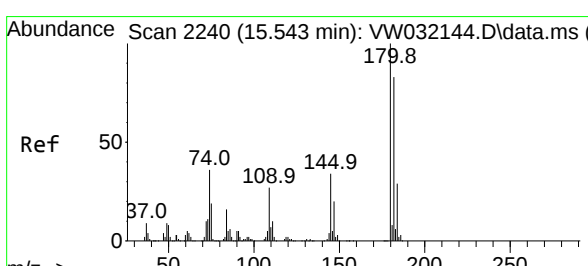
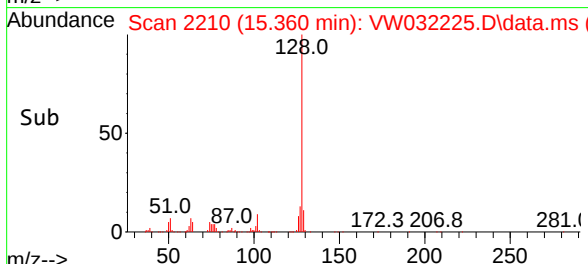
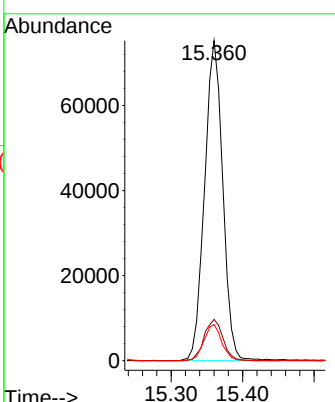
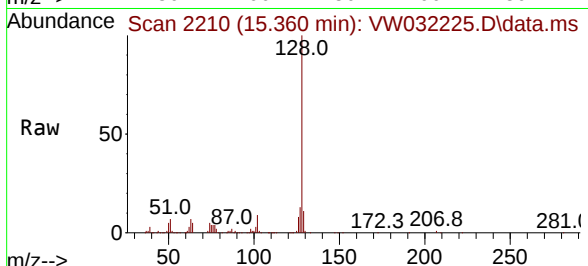


#95
 Naphthalene
 Concen: 19.838 ug/l
 RT: 15.360 min Scan# 2210
 Delta R.T. -0.000 min
 Lab File: VW032225.D
 Acq: 22 Sep 2025 11:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0922SBS01

Tgt Ion:128 Resp: 132654

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	16.0
129	11.1	8.4	12.6



#96
 1,2,3-Trichlorobenzene
 Concen: 19.409 ug/l
 RT: 15.549 min Scan# 2241
 Delta R.T. 0.006 min
 Lab File: VW032225.D
 Acq: 22 Sep 2025 11:13

Tgt Ion:180 Resp: 53332

Ion	Ratio	Lower	Upper
180	100		
182	97.9	47.7	143.1
145	39.4	17.2	51.6

