

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092625\
 Data File : VW032269.D
 Acq On : 26 Sep 2025 10:08
 Operator : SY/MD
 Sample : VW0926SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0926SBS01

Quant Time: Sep 27 04:31:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 26 07:11:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	258288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	477257	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	426681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	223480	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	192065	47.094	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	94.180%
35) Dibromofluoromethane	7.904	113	158775	46.259	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	92.520%
50) Toluene-d8	10.325	98	579559	46.852	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	93.700%
62) 4-Bromofluorobenzene	12.617	95	225595	48.349	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	96.700%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	37842	21.206	ug/l	98
3) Chloromethane	2.253	50	51625	20.215	ug/l	96
4) Vinyl Chloride	2.405	62	67947	22.772	ug/l	96
5) Bromomethane	2.820	94	47148	23.140	ug/l	88
6) Chloroethane	2.966	64	43409	21.469	ug/l	96
7) Trichlorofluoromethane	3.301	101	41970	18.668	ug/l	98
8) Diethyl Ether	3.716	74	42168	19.836	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.100	101	62237	21.687	ug/l	100
10) Methyl Iodide	4.307	142	83781	21.585	ug/l	99
11) Tert butyl alcohol	5.222	59	30277	106.950	ug/l	96
12) 1,1-Dichloroethene	4.082	96	67892	22.132	ug/l	87
13) Acrolein	3.929	56	48232	95.724	ug/l	96
14) Allyl chloride	4.698	41	101529	21.326	ug/l	99
15) Acrylonitrile	5.399	53	99331	90.724	ug/l	98
16) Acetone	4.161	43	124429	118.802	ug/l	100
17) Carbon Disulfide	4.417	76	156951	22.253	ug/l	99
18) Methyl Acetate	4.704	43	58117	16.134	ug/l	97
19) Methyl tert-butyl Ether	5.466	73	116547	20.496	ug/l	98
20) Methylene Chloride	4.954	84	97152	21.347	ug/l	97
21) trans-1,2-Dichloroethene	5.460	96	69980	21.155	ug/l	96
22) Diisopropyl ether	6.338	45	224780	21.248	ug/l	93
23) Vinyl Acetate	6.283	43	702126	103.170	ug/l	99
24) 1,1-Dichloroethane	6.240	63	139846	20.941	ug/l	99
25) 2-Butanone	7.197	43	147498	101.035	ug/l	93
26) 2,2-Dichloropropane	7.185	77	69568	21.140	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	83416	20.275	ug/l	97
28) Bromochloromethane	7.532	49	64260	20.166	ug/l #	99
29) Tetrahydrofuran	7.551	42	85741	90.468	ug/l	99
30) Chloroform	7.691	83	144668	20.763	ug/l	98
31) Cyclohexane	7.971	56	112115	21.291	ug/l	95
32) 1,1,1-Trichloroethane	7.886	97	99064	21.104	ug/l	98
36) 1,1-Dichloropropene	8.093	75	94168	20.350	ug/l	98
37) Ethyl Acetate	7.270	43	59573	19.411	ug/l	99
38) Carbon Tetrachloride	8.081	117	90875	20.874	ug/l	99
39) Methylcyclohexane	9.343	83	108509	20.265	ug/l	97
40) Benzene	8.337	78	305208	20.954	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	31816	18.101	ug/l	96
42) 1,2-Dichloroethane	8.410	62	97519	20.142	ug/l	99
43) Isopropyl Acetate	8.435	43	103104	18.768	ug/l	99
44) Trichloroethene	9.099	130	71206	20.915	ug/l	94
45) 1,2-Dichloropropane	9.374	63	77145	20.449	ug/l	98
46) Dibromomethane	9.465	93	46372	19.993	ug/l	98
47) Bromodichloromethane	9.648	83	106292	20.093	ug/l	100
48) Methyl methacrylate	9.441	41	48310	18.692	ug/l	98
49) 1,4-Dioxane	9.459	88	11583	372.877	ug/l #	94
51) 4-Methyl-2-Pentanone	10.215	43	299407	91.920	ug/l	98
52) Toluene	10.392	92	187424	20.760	ug/l	99
53) t-1,3-Dichloropropene	10.611	75	97505	20.117	ug/l	95
54) cis-1,3-Dichloropropene	10.075	75	114169	20.403	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	61241	19.344	ug/l	94
56) Ethyl methacrylate	10.648	69	79427	19.046	ug/l	99
57) 1,3-Dichloropropane	10.934	76	108013	19.749	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	200248	87.473	ug/l	100
59) 2-Hexanone	10.971	43	213695	96.071	ug/l	97
60) Dibromochloromethane	11.129	129	69693	20.044	ug/l	98
61) 1,2-Dibromoethane	11.239	107	59022	19.678	ug/l	97
64) Tetrachloroethene	10.861	164	55720	21.429	ug/l	86
65) Chlorobenzene	11.660	112	213331	21.706	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.727	131	64799	20.847	ug/l	97
67) Ethyl Benzene	11.727	91	349768	21.742	ug/l	100
68) m/p-Xylenes	11.837	106	272503	44.189	ug/l	97
69) o-Xylene	12.166	106	124923	21.555	ug/l	96
70) Styrene	12.178	104	225931	22.230	ug/l	100
71) Bromoform	12.349	173	35746	19.735	ug/l	97
73) Isopropylbenzene	12.464	105	320847	20.627	ug/l	100
74) N-amyl acetate	12.269	43	93561	19.100	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	76820	18.837	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	92696	30.149	ug/l	48
77) Bromobenzene	12.745	156	77712	20.312	ug/l	93
78) n-propylbenzene	12.800	91	415955	21.290	ug/l	100
79) 2-Chlorotoluene	12.891	91	250287	21.147	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	275113	20.687	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.513	75	21754	18.378	ug/l	93
82) 4-Chlorotoluene	12.989	91	260792	20.849	ug/l	100
83) tert-Butylbenzene	13.202	119	224202	20.159	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	278390	20.618	ug/l	99
85) sec-Butylbenzene	13.379	105	347938	20.833	ug/l	99
86) p-Isopropyltoluene	13.495	119	290111	20.974	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	163503	21.606	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	159112	20.581	ug/l	98
89) n-Butylbenzene	13.818	91	289490	20.855	ug/l	99
90) Hexachloroethane	14.092	117	53545	20.770	ug/l	97
91) 1,2-Dichlorobenzene	13.867	146	147974	20.903	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	12549	17.990	ug/l	94
93) 1,2,4-Trichlorobenzene	15.123	180	83072	19.780	ug/l	100
94) Hexachlorobutadiene	15.232	225	41545	21.539	ug/l	87
95) Naphthalene	15.360	128	188745	18.725	ug/l	99
96) 1,2,3-Trichlorobenzene	15.543	180	74748	19.141	ug/l	93

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ClientSampleId :
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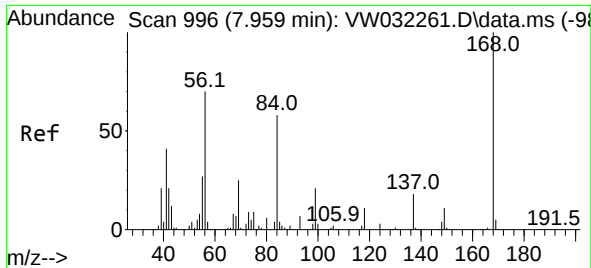
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QLast Update : Fri Sep 26 07:11:42 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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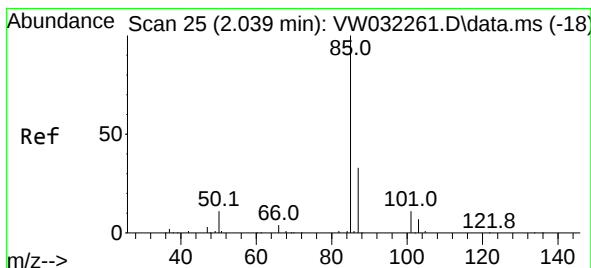
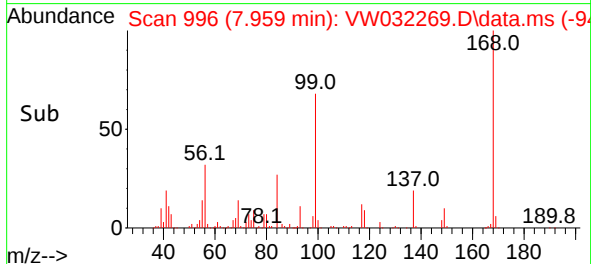
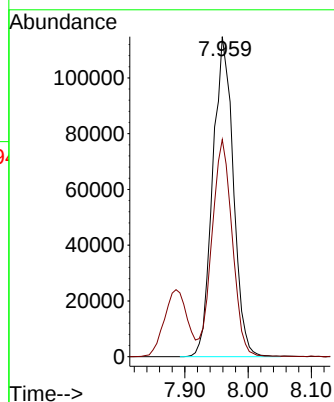
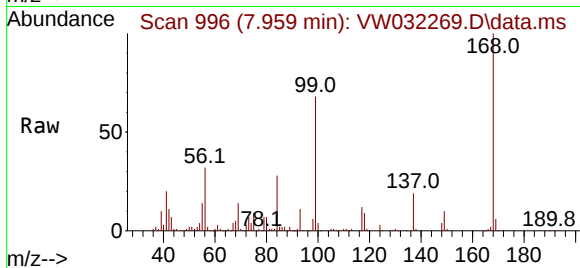




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW032269.D
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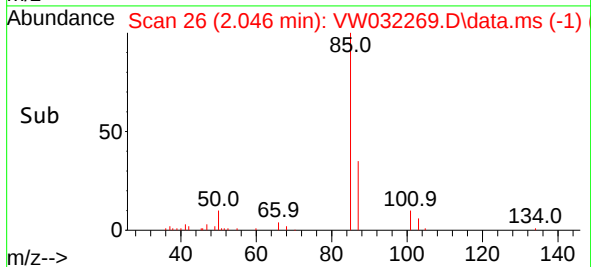
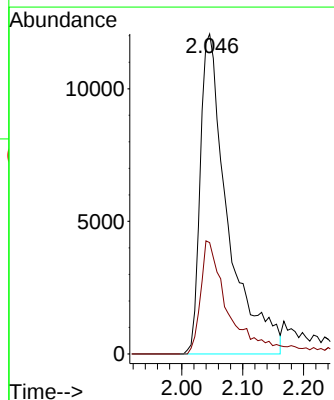
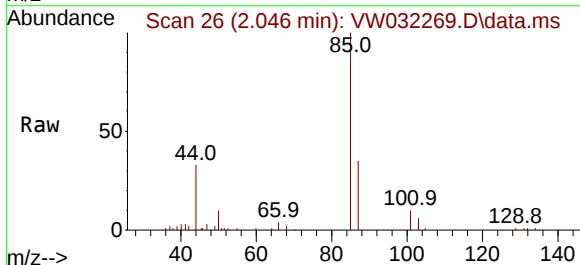
Instrument :
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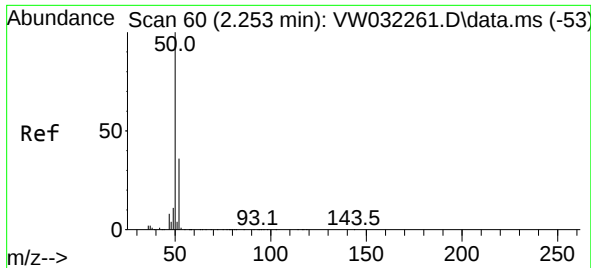
Tgt Ion:168 Resp: 258288
Ion Ratio Lower Upper
168 100
99 67.7 55.0 82.4



#2
Dichlorodifluoromethane
Concen: 21.206 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 85 Resp: 37842
Ion Ratio Lower Upper
85 100
87 34.8 16.7 50.1

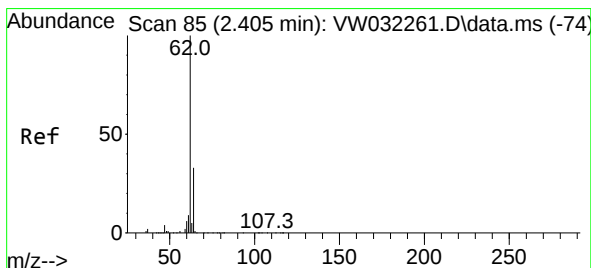
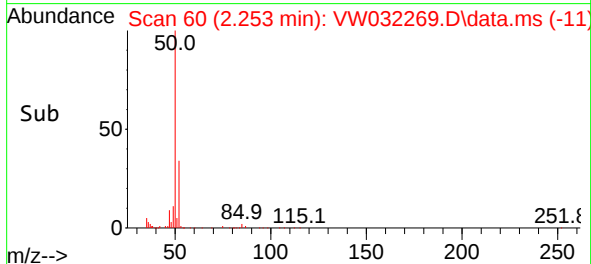
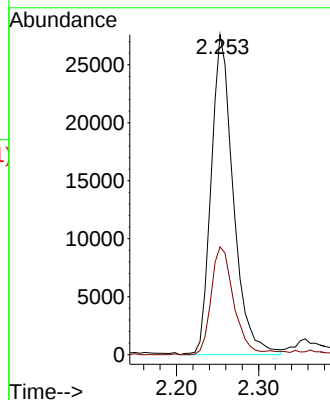
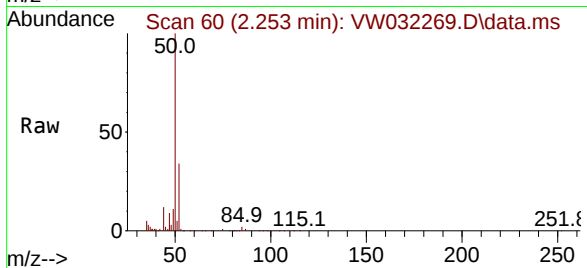




#3
Chloromethane
Concen: 20.215 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

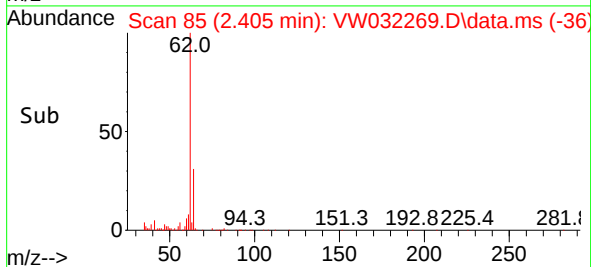
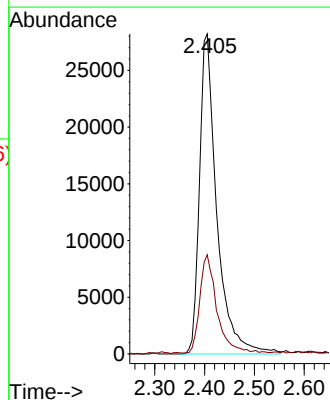
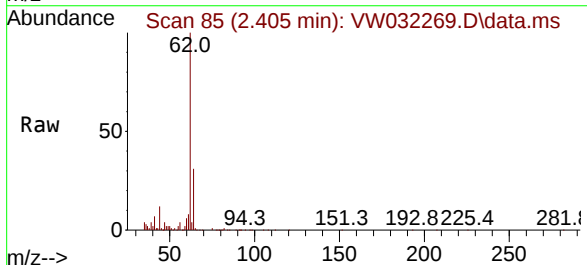
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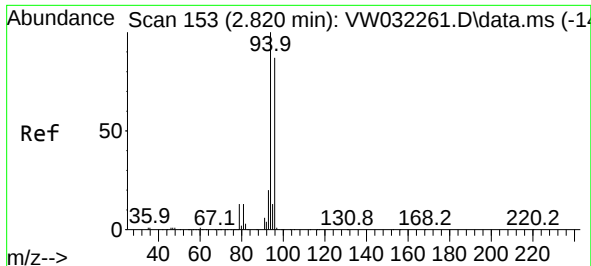
Tgt Ion: 50 Resp: 51625
Ion Ratio Lower Upper
50 100
52 33.7 28.9 43.3



#4
Vinyl Chloride
Concen: 22.772 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 62 Resp: 67947
Ion Ratio Lower Upper
62 100
64 30.7 26.2 39.4

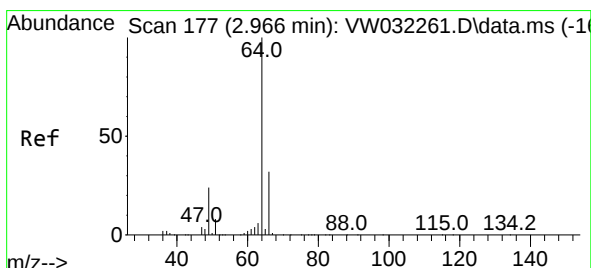
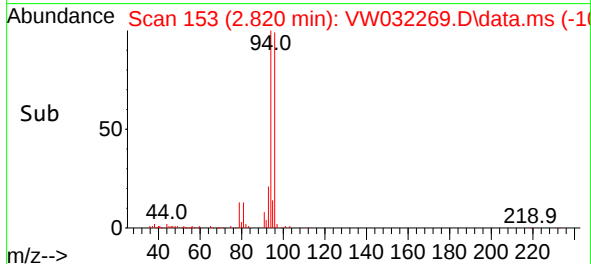
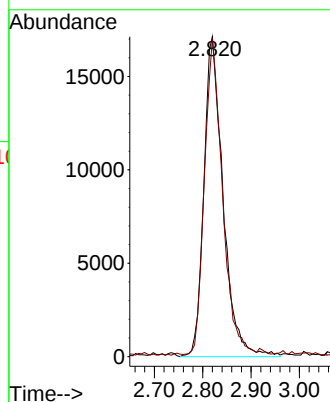
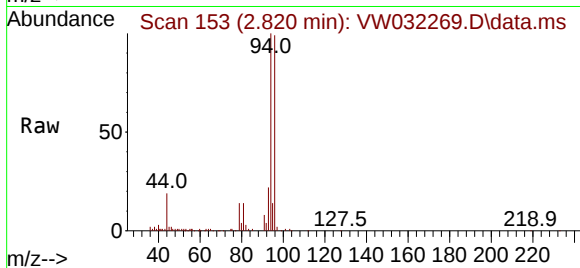




#5
Bromomethane
Concen: 23.140 ug/l
RT: 2.820 min Scan# 153
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

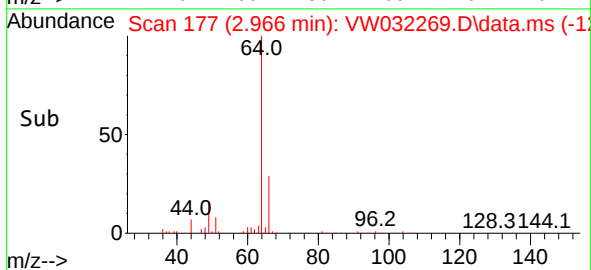
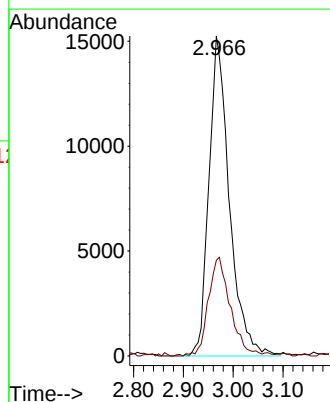
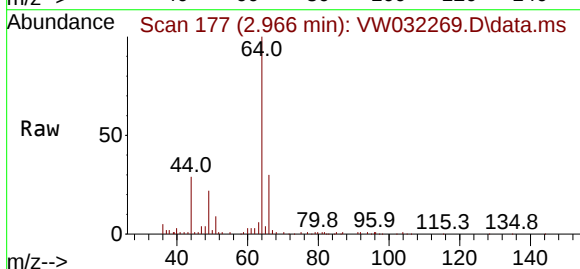
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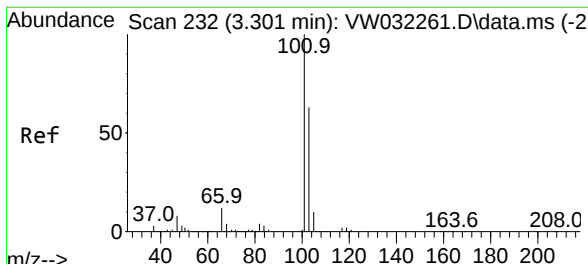
Tgt Ion: 94 Resp: 47148
Ion Ratio Lower Upper
94 100
96 98.7 70.0 105.0



#6
Chloroethane
Concen: 21.469 ug/l
RT: 2.966 min Scan# 177
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 64 Resp: 43409
Ion Ratio Lower Upper
64 100
66 29.4 25.5 38.3

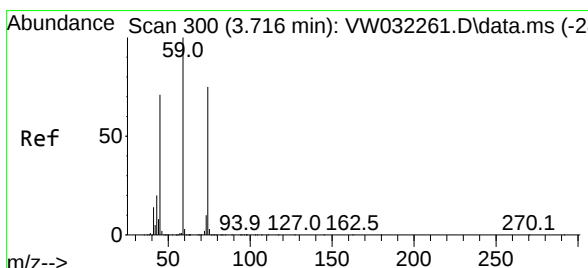
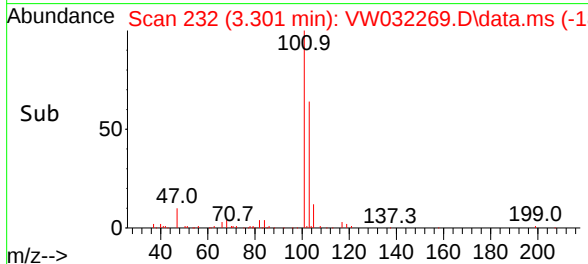
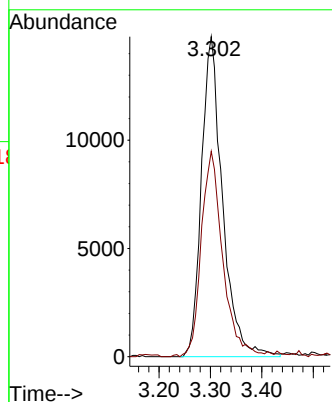
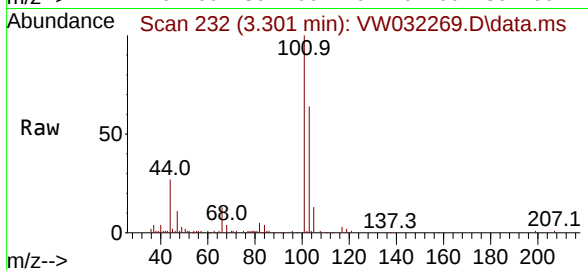




#7
 Trichlorofluoromethane
 Concen: 18.668 ug/l
 RT: 3.301 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW032269.D
 Acq: 26 Sep 2025 10:08

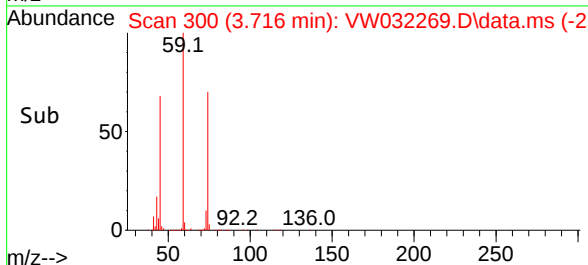
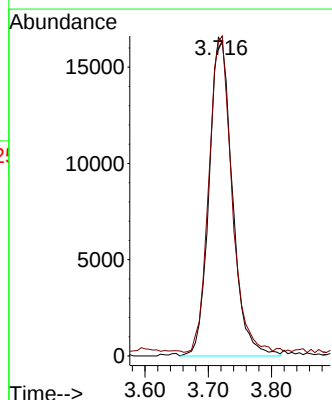
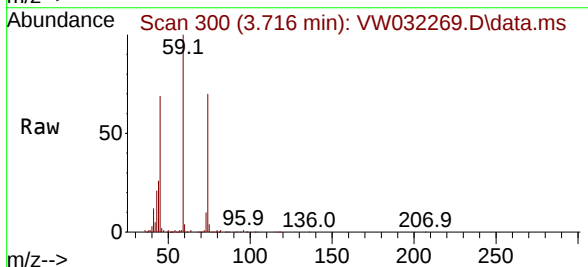
Instrument :
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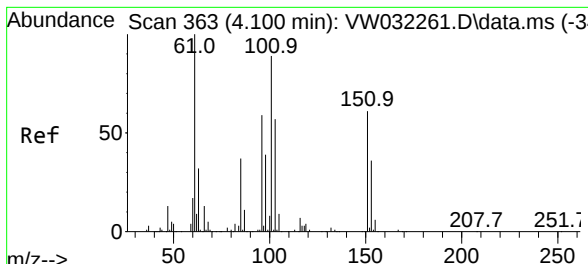
Tgt Ion:101 Resp: 41970
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.3 75.5



#8
 Diethyl Ether
 Concen: 19.836 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. 0.000 min
 Lab File: VW032269.D
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Tgt Ion: 74 Resp: 42168
 Ion Ratio Lower Upper
 74 100
 45 98.0 49.0 147.2

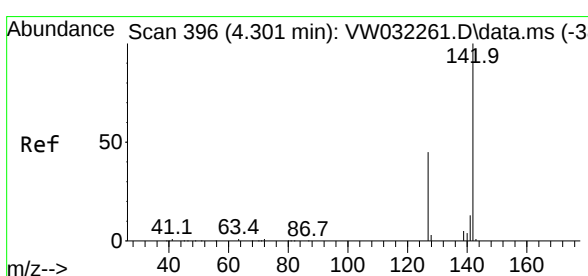
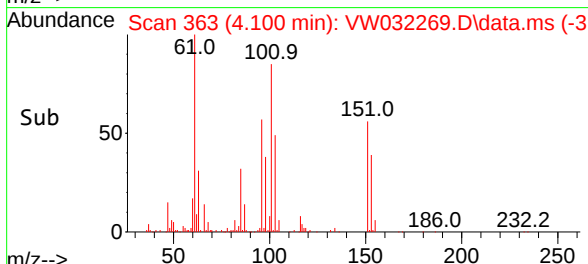
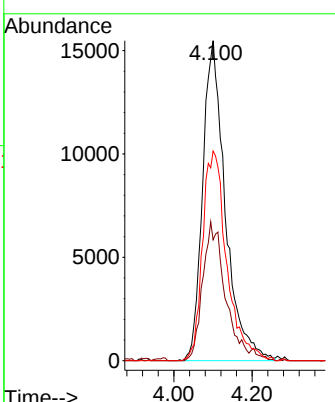
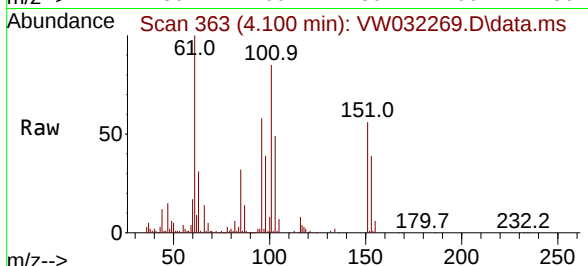




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.687 ug/l
 RT: 4.100 min Scan# 363
 Delta R.T. 0.000 min
 Lab File: VW032269.D
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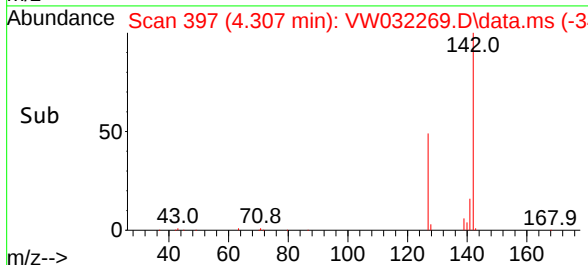
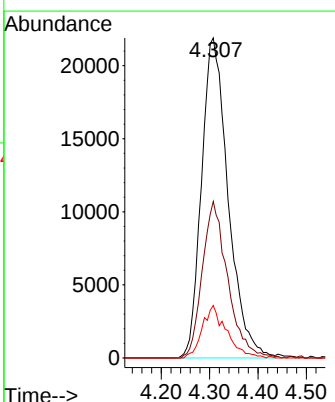
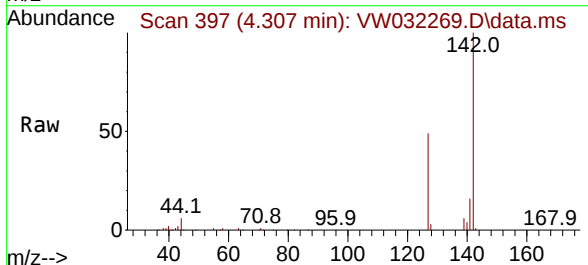
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0926SBS01

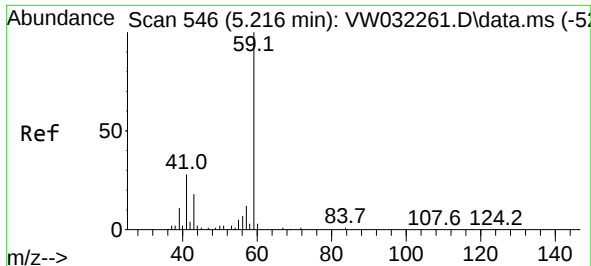
Tgt Ion:	101	Resp:	62237
Ion Ratio	Lower	Upper	
101	100		
85	42.7	33.7	50.5
151	69.5	55.7	83.5



#10
 Methyl Iodide
 Concen: 21.585 ug/l
 RT: 4.307 min Scan# 397
 Delta R.T. 0.006 min
 Lab File: VW032269.D
 Acq: 26 Sep 2025 10:08

Tgt Ion:	142	Resp:	83781
Ion Ratio	Lower	Upper	
142	100		
127	46.6	36.9	55.3
141	14.9	12.0	18.0

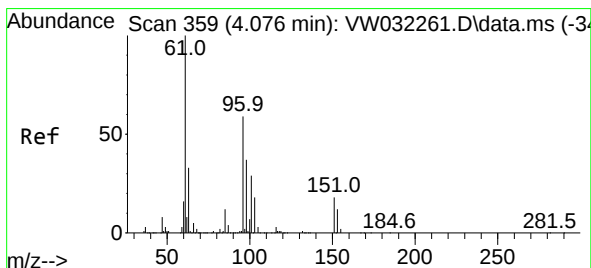
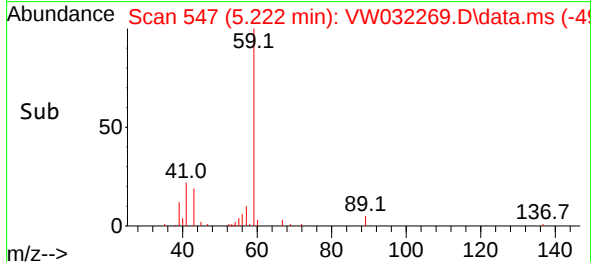
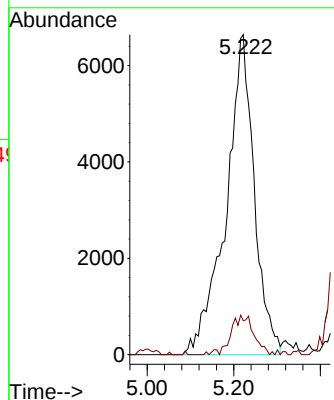
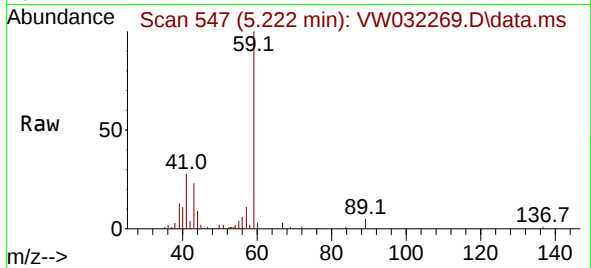




#11
Tert butyl alcohol
Concen: 106.950 ug/l
RT: 5.222 min Scan# 54
Delta R.T. 0.006 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

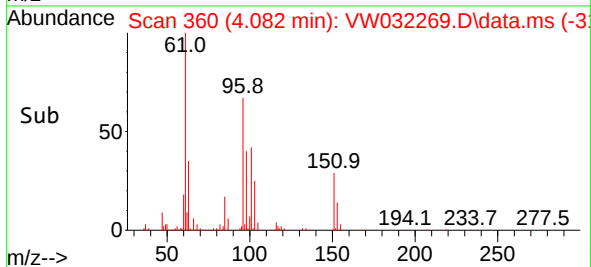
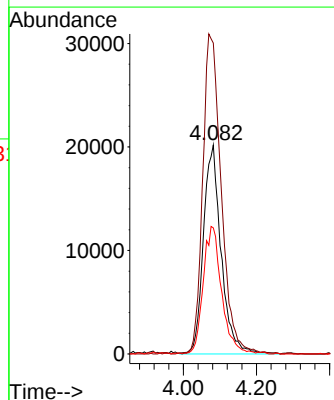
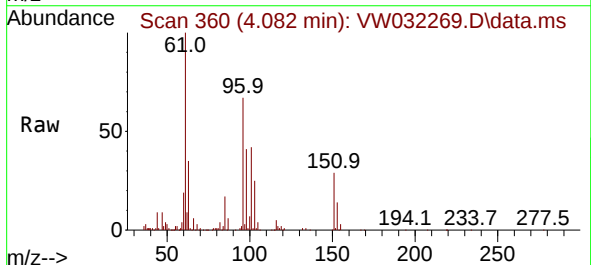
Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

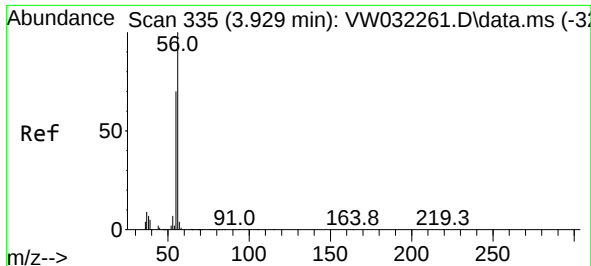
Tgt Ion: 59 Resp: 30277
Ion Ratio Lower Upper
59 100
57 9.5 8.9 13.3



#12
1,1-Dichloroethene
Concen: 22.132 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 96 Resp: 67892
Ion Ratio Lower Upper
96 100
61 148.8 136.3 204.5
98 60.3 50.7 76.1

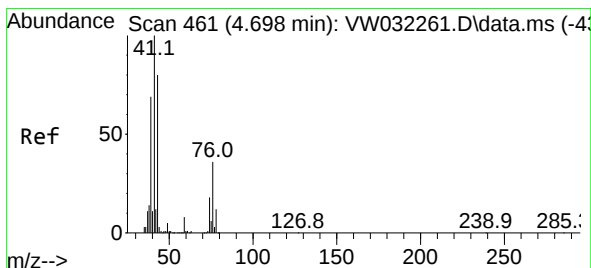
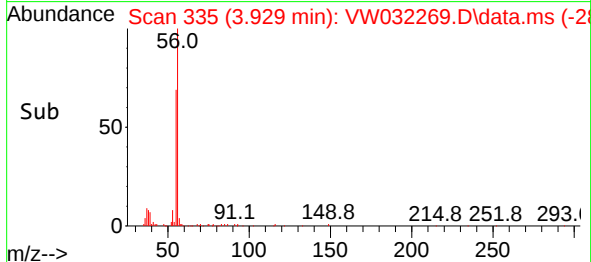
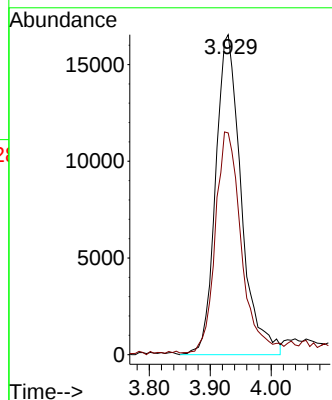
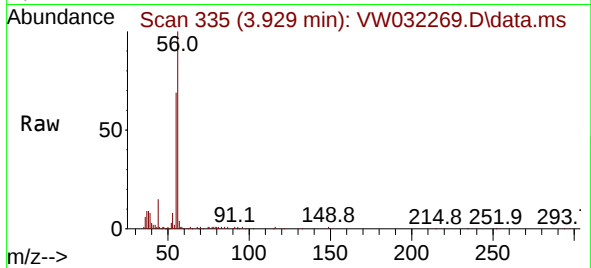




#13
Acrolein
Concen: 95.724 ug/l
RT: 3.929 min Scan# 335
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

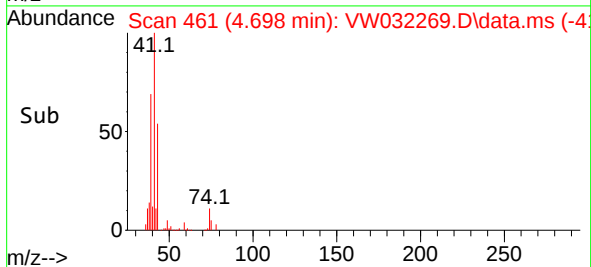
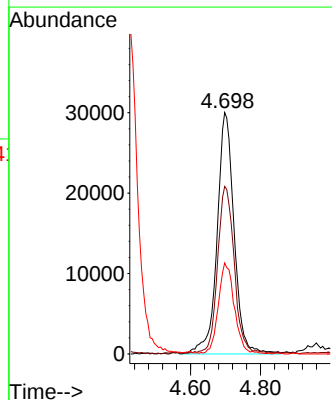
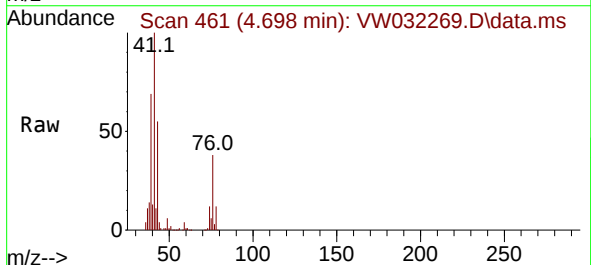
Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

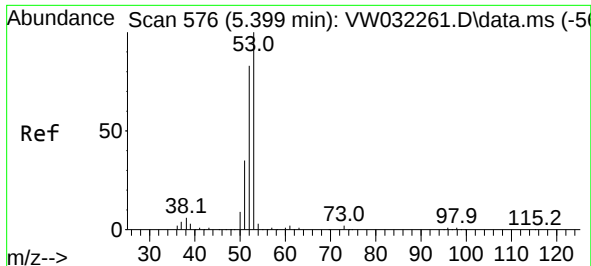
Tgt Ion: 56 Resp: 48232
Ion Ratio Lower Upper
56 100
55 69.8 53.2 79.8



#14
Allyl chloride
Concen: 21.326 ug/l
RT: 4.698 min Scan# 461
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 41 Resp: 101529
Ion Ratio Lower Upper
41 100
39 68.7 54.3 81.5
76 35.7 28.7 43.1

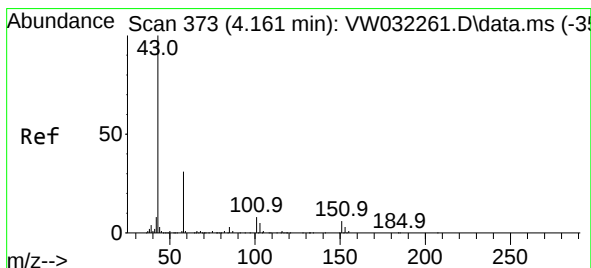
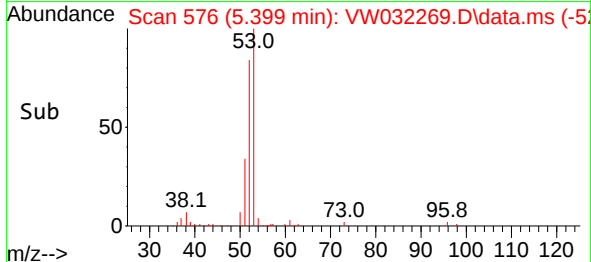
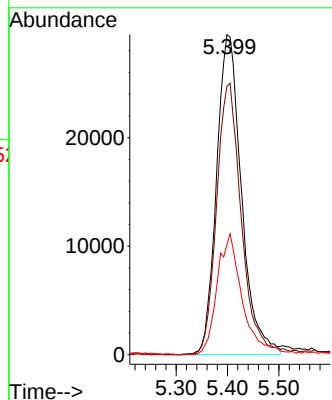
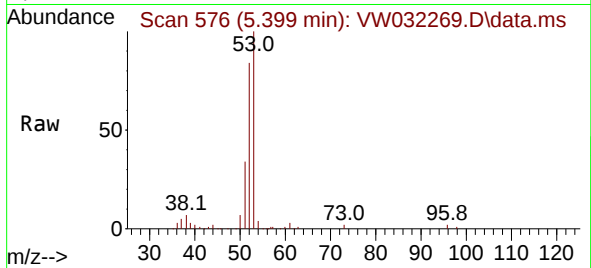




#15
Acrylonitrile
Concen: 90.724 ug/l
RT: 5.399 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

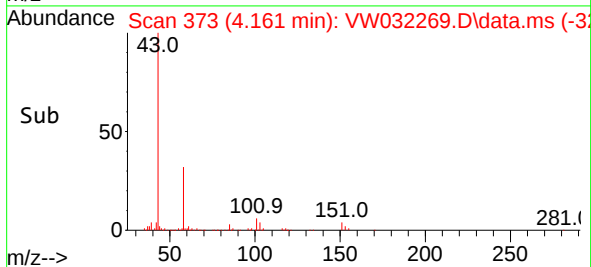
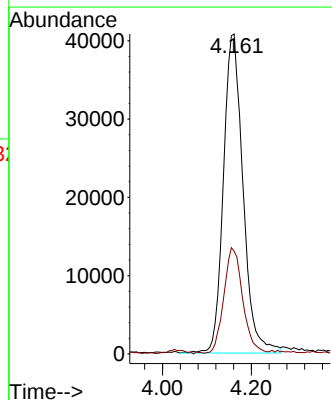
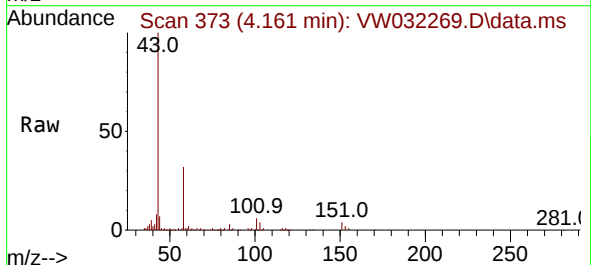
Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

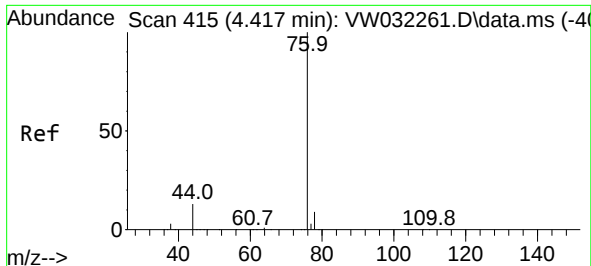
Tgt Ion: 53 Resp: 99331
Ion Ratio Lower Upper
53 100
52 84.9 66.3 99.5
51 38.2 29.6 44.4



#16
Acetone
Concen: 118.802 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 43 Resp: 124429
Ion Ratio Lower Upper
43 100
58 31.5 25.4 38.0

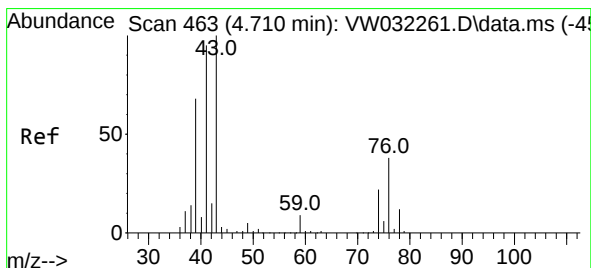
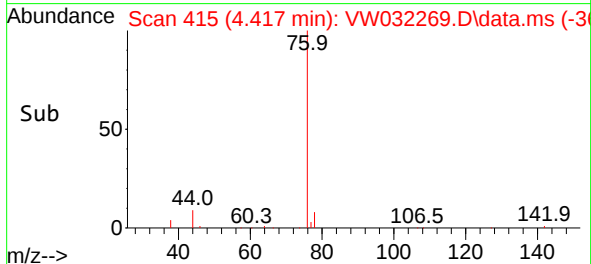
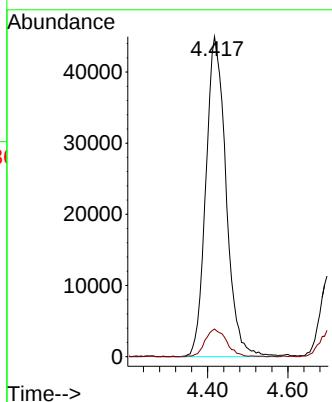
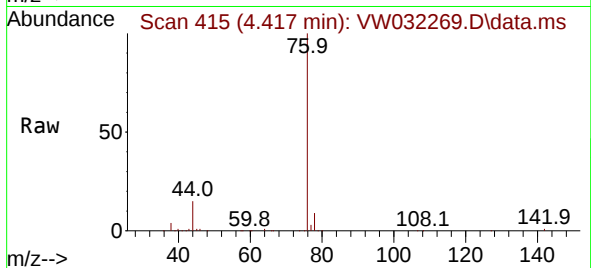




#17
Carbon Disulfide
Concen: 22.253 ug/l
RT: 4.417 min Scan# 415
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

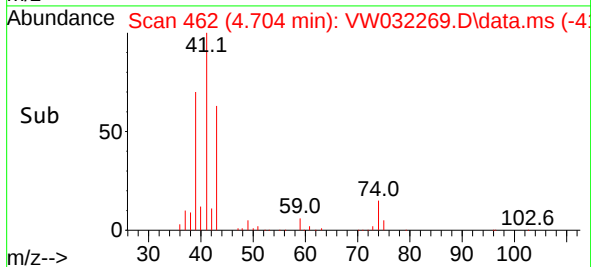
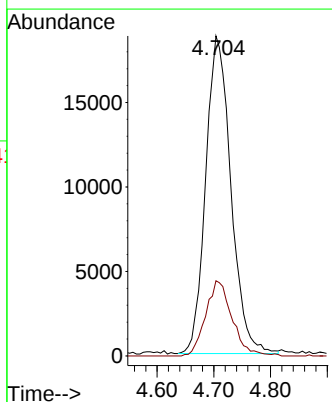
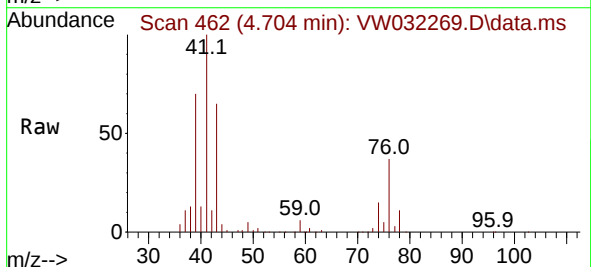
Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

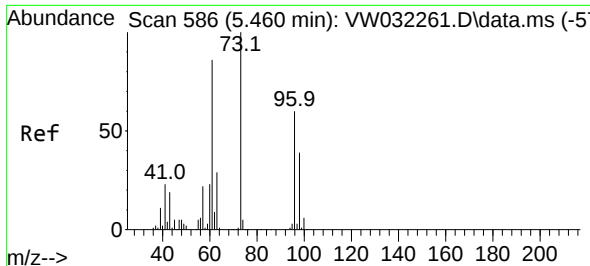
Tgt Ion: 76 Resp: 156951
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8



#18
Methyl Acetate
Concen: 16.134 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 43 Resp: 58117
Ion Ratio Lower Upper
43 100
74 24.8 18.8 28.2

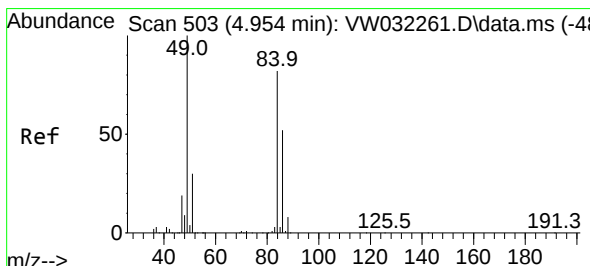
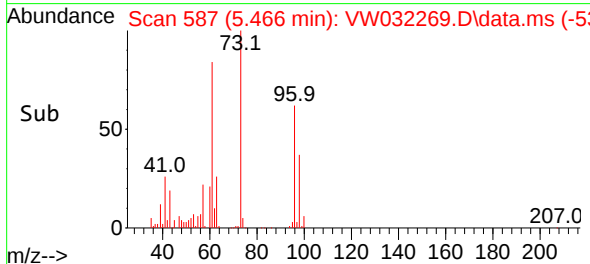
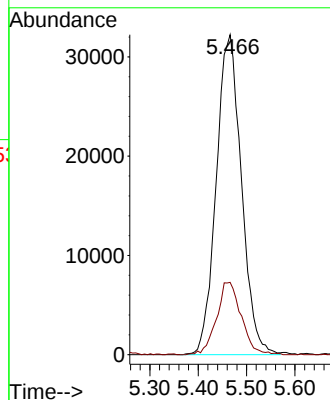
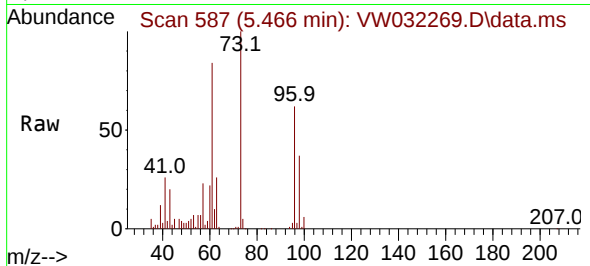




#19
Methyl tert-butyl Ether
Concen: 20.496 ug/l
RT: 5.466 min Scan# 586
Delta R.T. 0.006 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

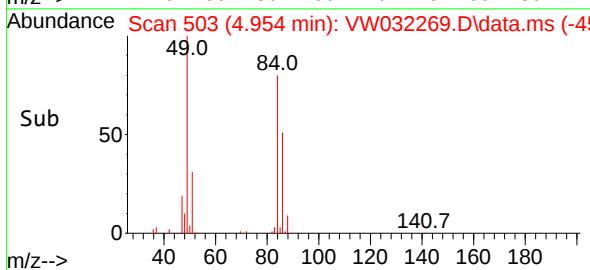
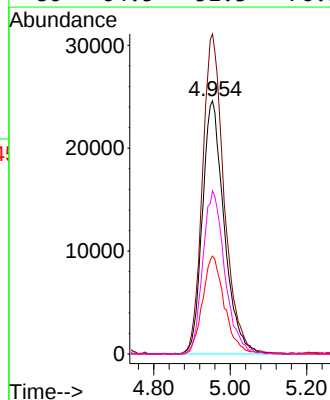
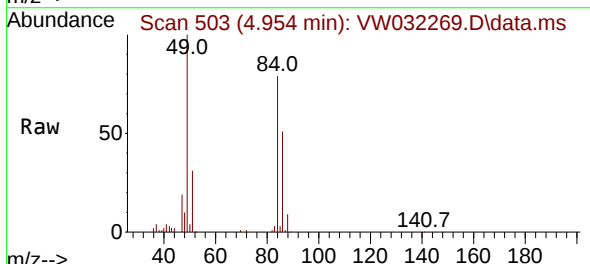
Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

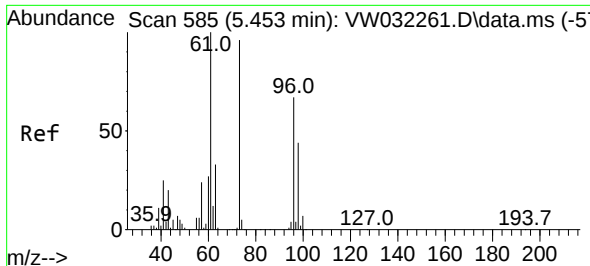
Tgt Ion: 73 Resp: 116547
Ion Ratio Lower Upper
73 100
57 22.6 17.3 25.9



#20
Methylene Chloride
Concen: 21.347 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 84 Resp: 97152
Ion Ratio Lower Upper
84 100
49 126.4 97.8 146.6
51 38.7 29.9 44.9
86 64.5 51.3 76.9

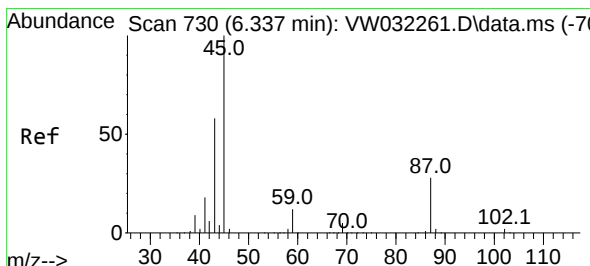
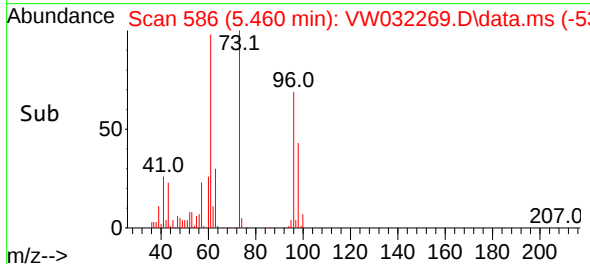
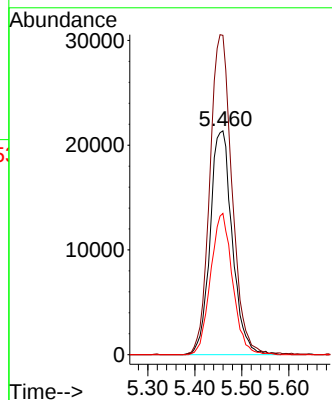
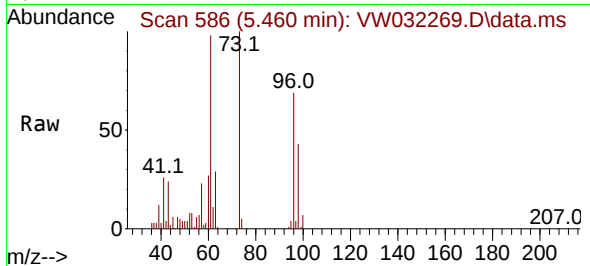




#21
trans-1,2-Dichloroethene
Concen: 21.155 ug/l
RT: 5.460 min Scan# 585
Delta R.T. 0.006 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

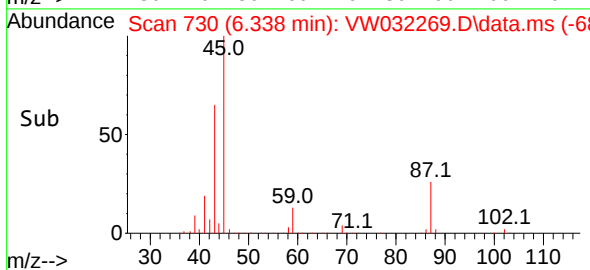
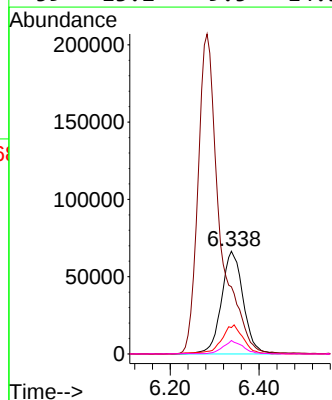
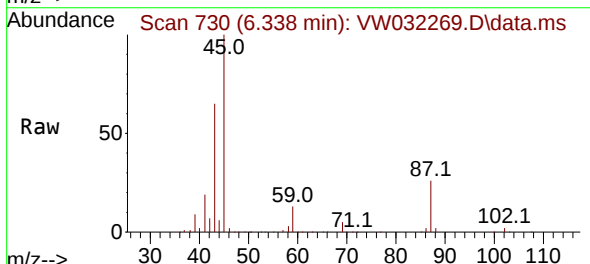
Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

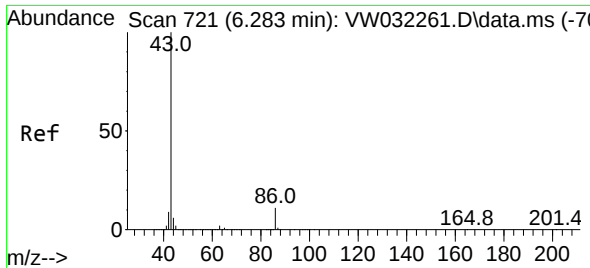
Tgt Ion: 96 Resp: 69980
Ion Ratio Lower Upper
96 100
61 142.6 119.2 178.8
98 63.1 52.5 78.7



#22
Diisopropyl ether
Concen: 21.248 ug/l
RT: 6.338 min Scan# 730
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 45 Resp: 224780
Ion Ratio Lower Upper
45 100
43 64.7 46.2 69.4
87 25.3 22.2 33.2
59 13.2 9.5 14.3

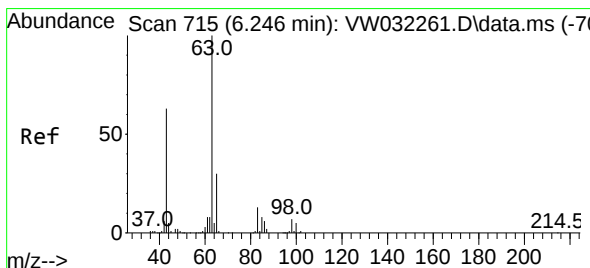
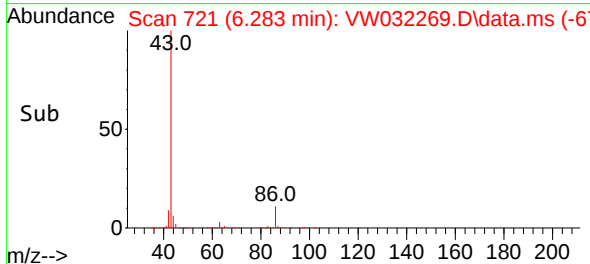
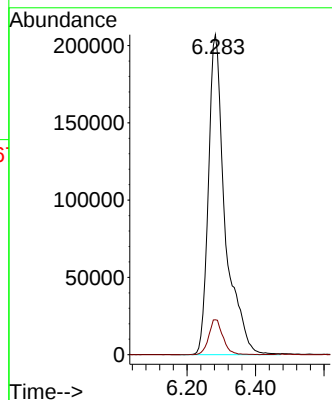
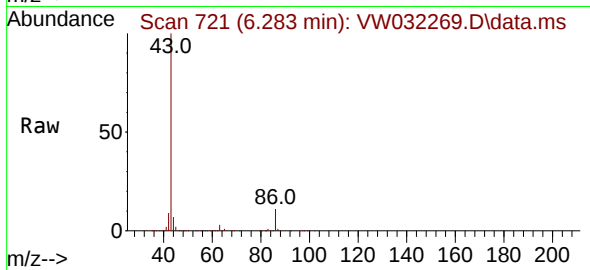




#23
 Vinyl Acetate
 Concen: 103.170 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. 0.000 min
 Lab File: VW032269.D
 Acq: 26 Sep 2025 10:08

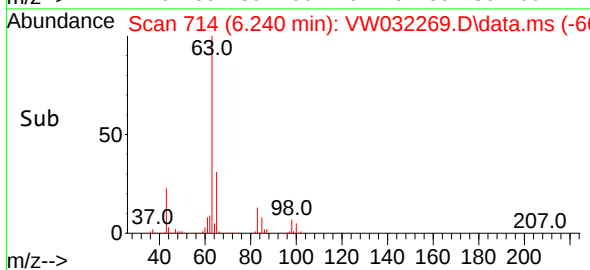
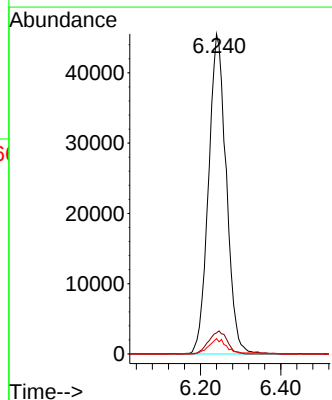
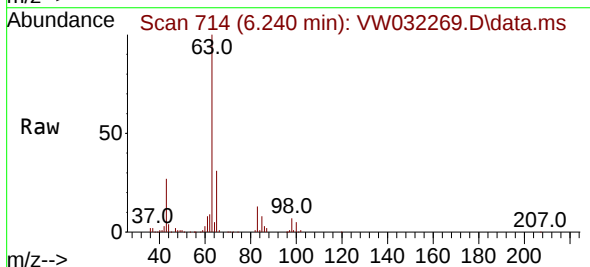
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0926SBS01

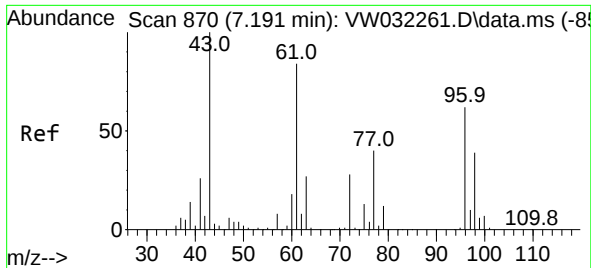
Tgt Ion: 43 Resp: 702126
 Ion Ratio Lower Upper
 43 100
 86 10.9 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 20.941 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032269.D
 Acq: 26 Sep 2025 10:08

Tgt Ion: 63 Resp: 139846
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.6 10.9
 100 4.8 2.4 7.1

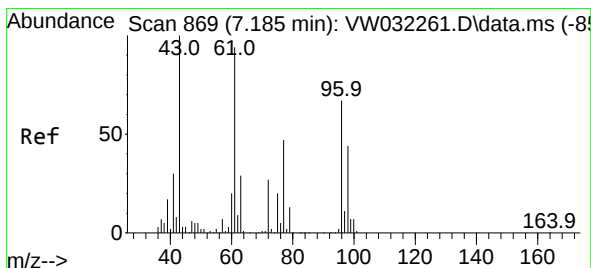
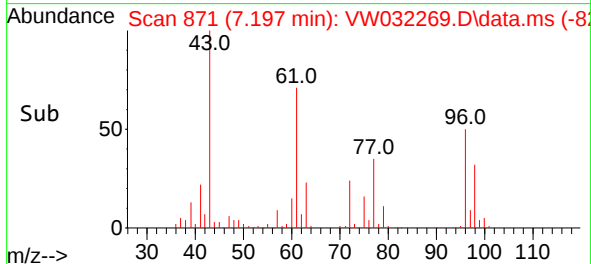
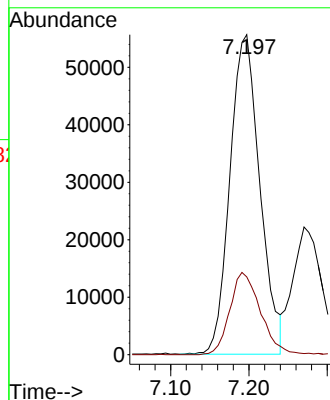
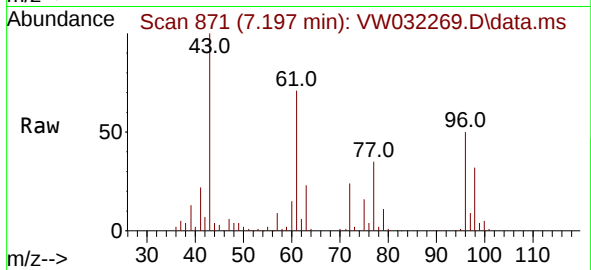




#25
2-Butanone
Concen: 101.035 ug/l
RT: 7.197 min Scan# 871
Delta R.T. 0.006 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

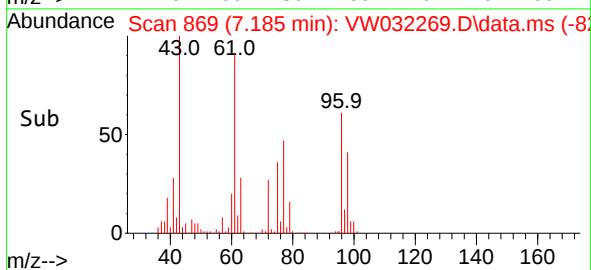
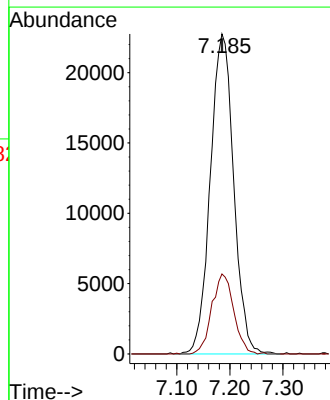
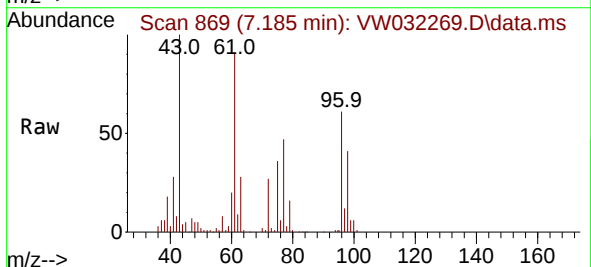
Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

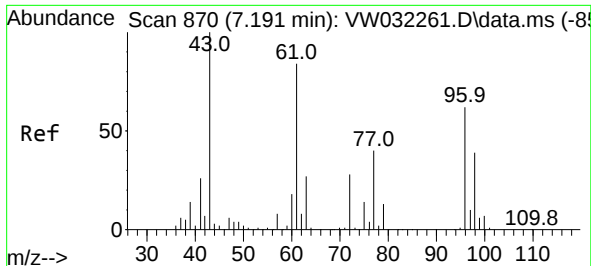
Tgt Ion: 43 Resp: 147498
Ion Ratio Lower Upper
43 100
72 24.3 22.3 33.5



#26
2,2-Dichloropropane
Concen: 21.140 ug/l
RT: 7.185 min Scan# 869
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 77 Resp: 69568
Ion Ratio Lower Upper
77 100
97 23.4 11.7 35.0

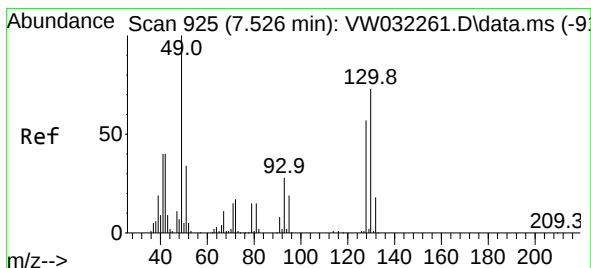
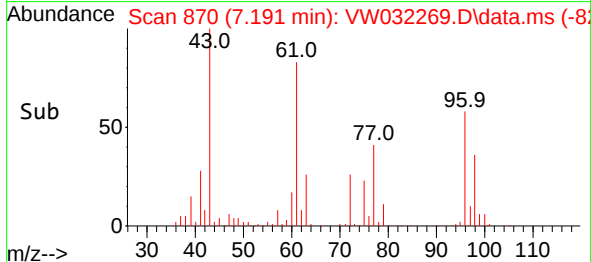
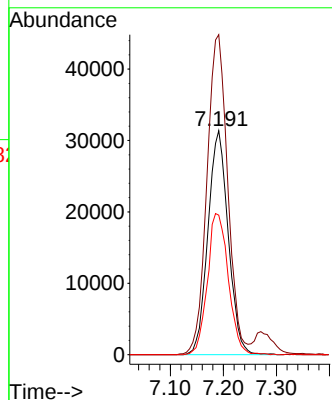
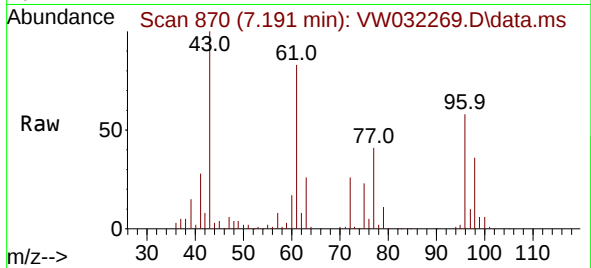




#27
 cis-1,2-Dichloroethene
 Concen: 20.275 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. 0.000 min
 Lab File: VW032269.D
 Acq: 26 Sep 2025 10:08

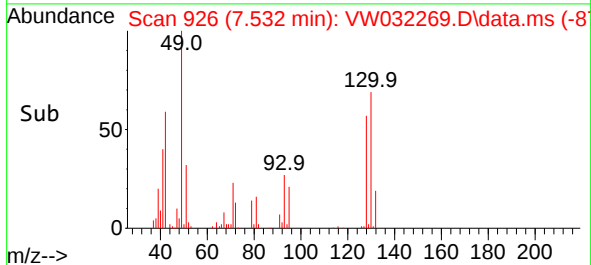
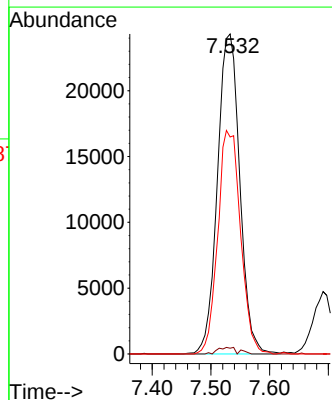
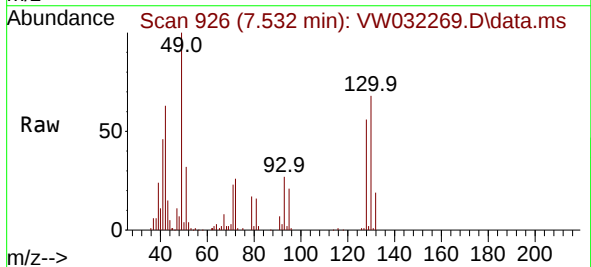
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0926SBS01

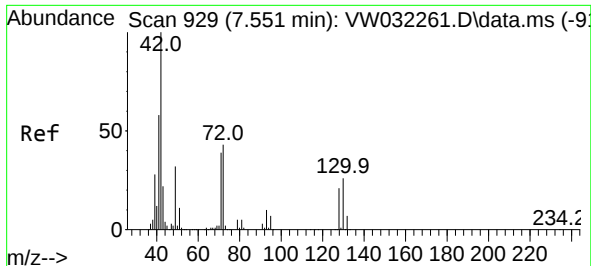
Tgt Ion: 96 Resp: 83416
 Ion Ratio Lower Upper
 96 100
 61 146.0 0.0 281.8
 98 65.0 0.0 130.8



#28
 Bromochloromethane
 Concen: 20.166 ug/l
 RT: 7.532 min Scan# 926
 Delta R.T. 0.006 min
 Lab File: VW032269.D
 Acq: 26 Sep 2025 10:08

Tgt Ion: 49 Resp: 64260
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 2.2
 130 71.0 0.0 0.0#





#29

Tetrahydrofuran

Concen: 90.468 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW032269.D

Acq: 26 Sep 2025 10:08

Instrument :

MSVOA_W

ClientSampleId :

VW0926SBS01

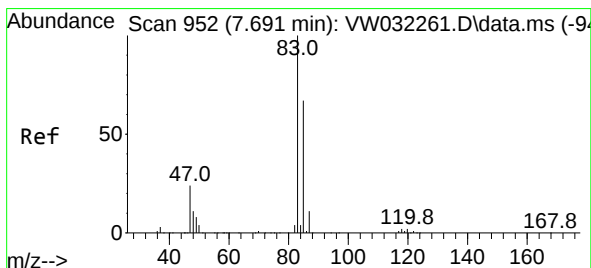
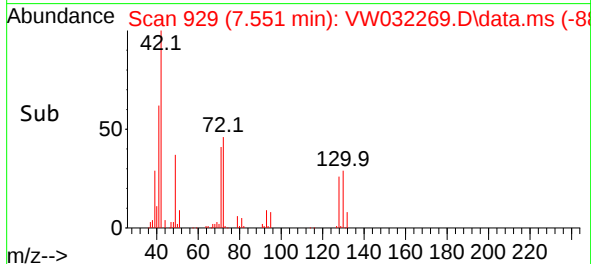
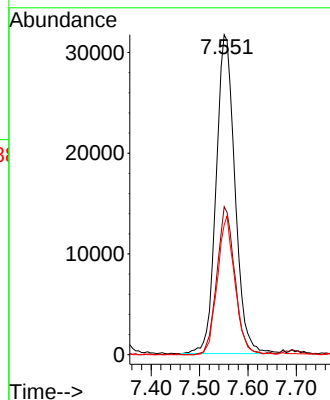
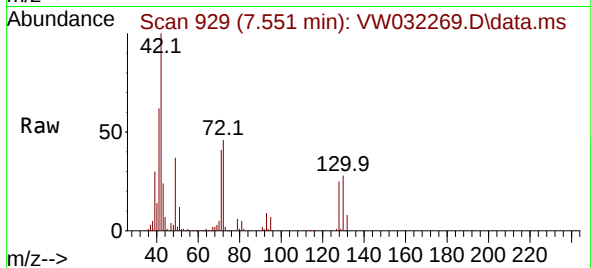
Tgt Ion: 42 Resp: 85741

Ion Ratio Lower Upper

42 100

72 44.1 35.1 52.7

71 40.5 33.3 49.9



#30

Chloroform

Concen: 20.763 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW032269.D

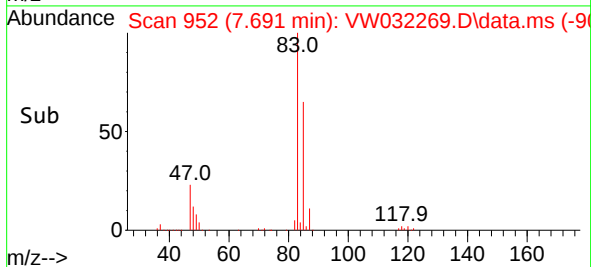
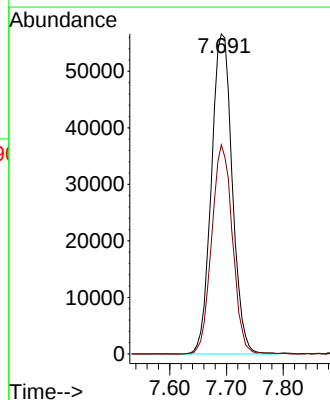
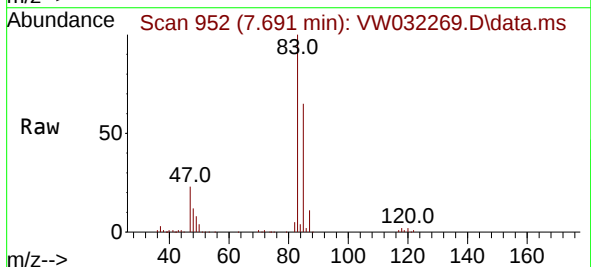
Acq: 26 Sep 2025 10:08

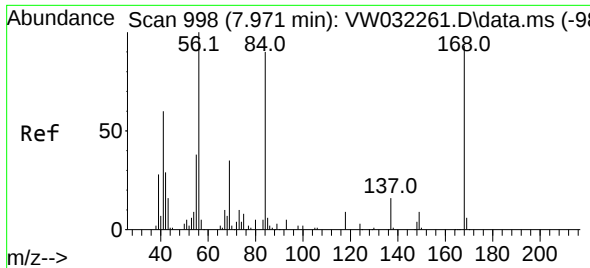
Tgt Ion: 83 Resp: 144668

Ion Ratio Lower Upper

83 100

85 65.3 53.3 79.9

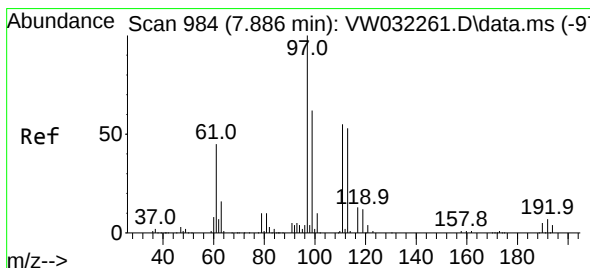
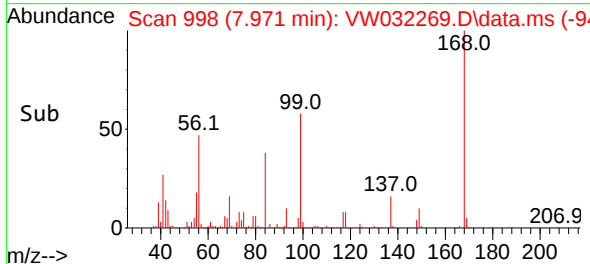
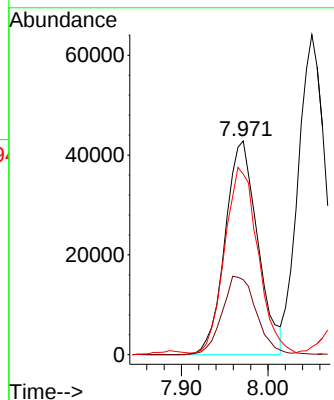
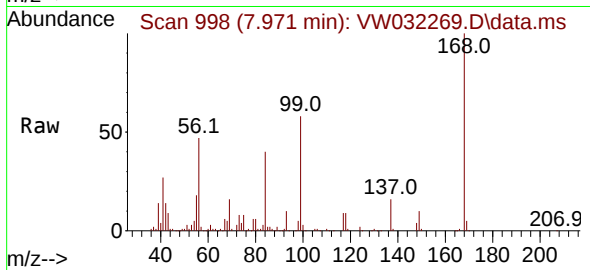




#31
Cyclohexane
Concen: 21.291 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

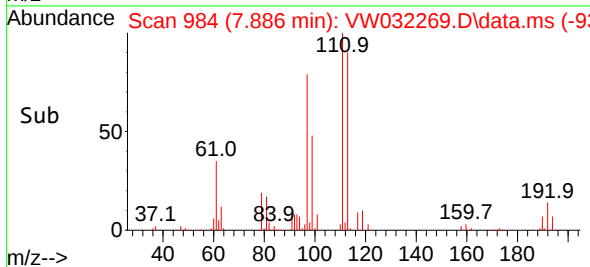
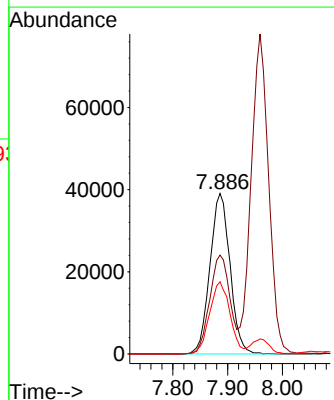
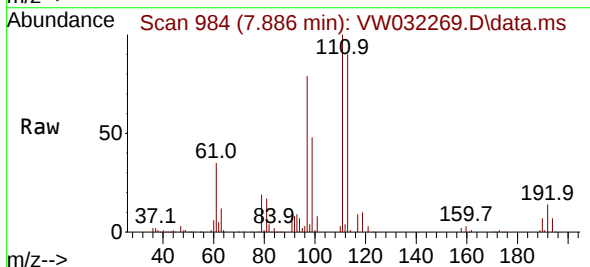
Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

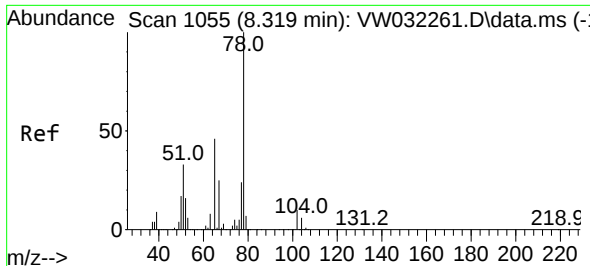
Tgt Ion: 56 Resp: 112115
Ion Ratio Lower Upper
56 100
69 35.1 28.2 42.2
84 83.2 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 21.104 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 97 Resp: 99064
Ion Ratio Lower Upper
97 100
99 61.4 50.6 76.0
61 45.7 36.2 54.4

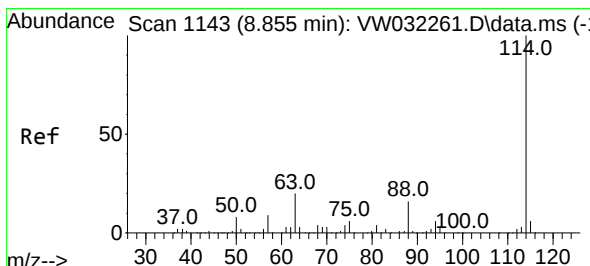
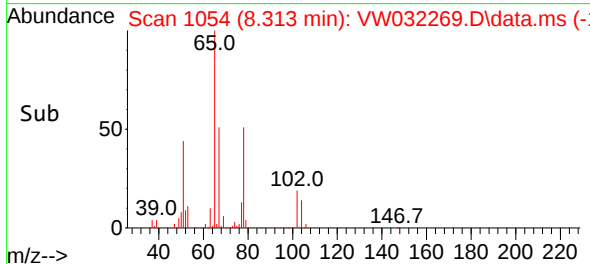
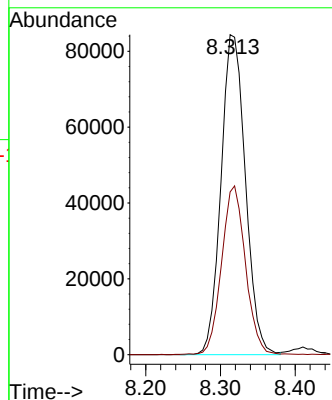
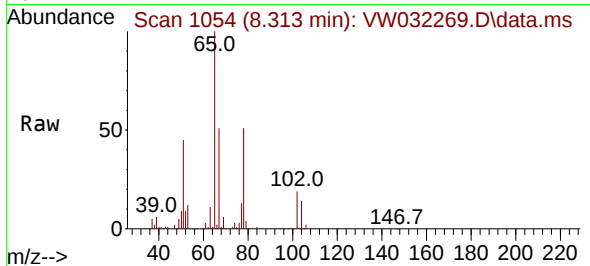




#33
 1,2-Dichloroethane-d4
 Concen: 47.094 ug/l
 RT: 8.313 min Scan# 1105
 Delta R.T. -0.006 min
 Lab File: VW032269.D
 Acq: 26 Sep 2025 10:08

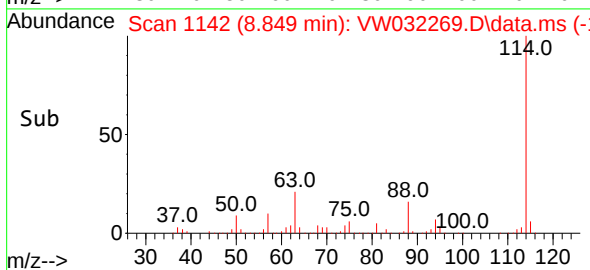
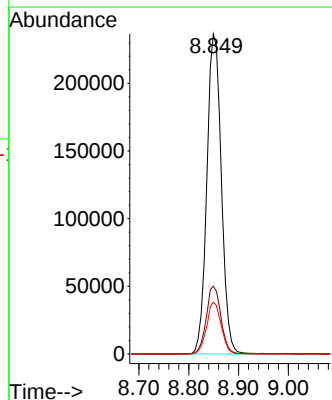
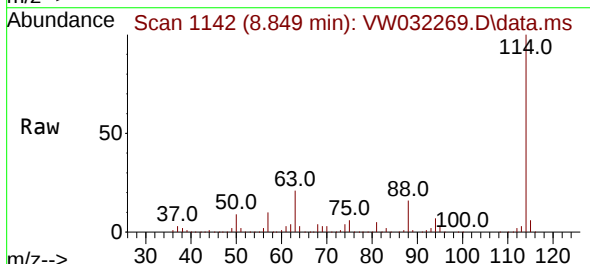
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0926SBS01

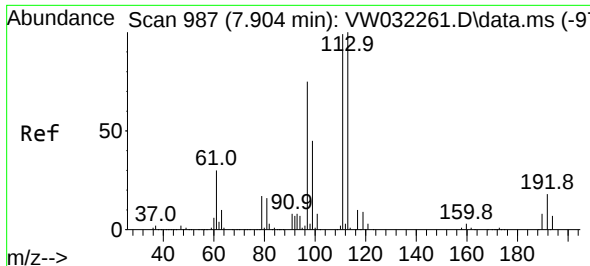
Tgt Ion: 65 Resp: 192065
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW032269.D
 Acq: 26 Sep 2025 10:08

Tgt Ion: 114 Resp: 477257
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 40.2
 88 16.2 0.0 32.0

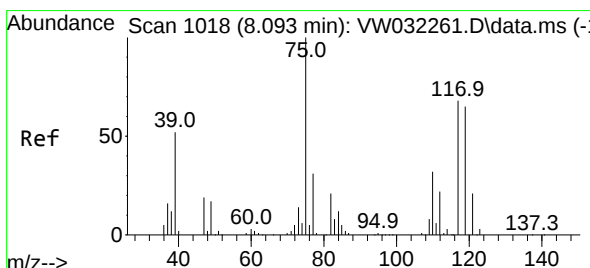
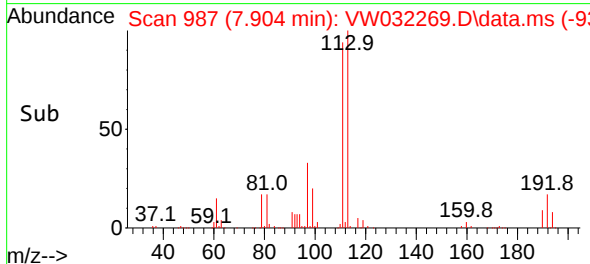
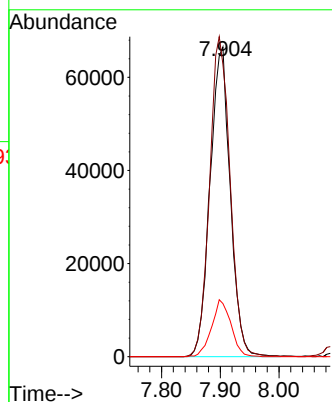
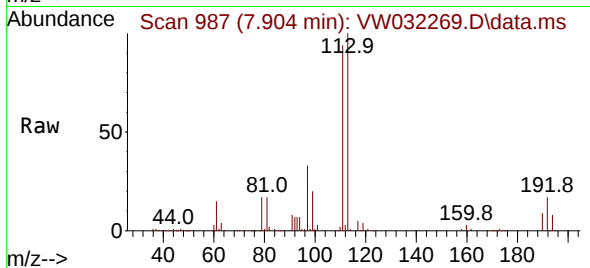




#35
 Dibromofluoromethane
 Concen: 46.259 ug/l
 RT: 7.904 min Scan# 987
 Delta R.T. 0.000 min
 Lab File: VW032269.D
 Acq: 26 Sep 2025 10:08

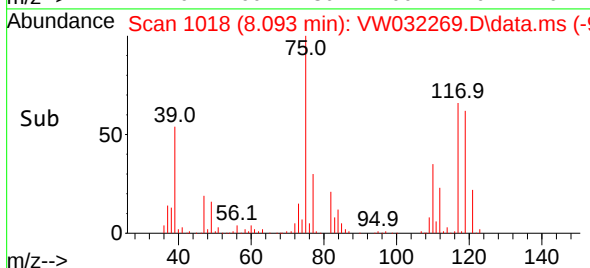
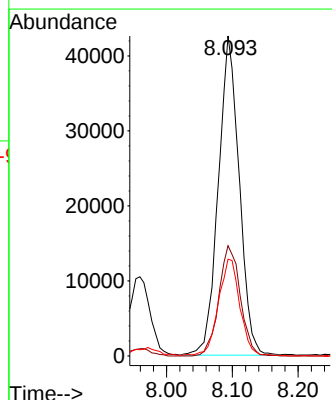
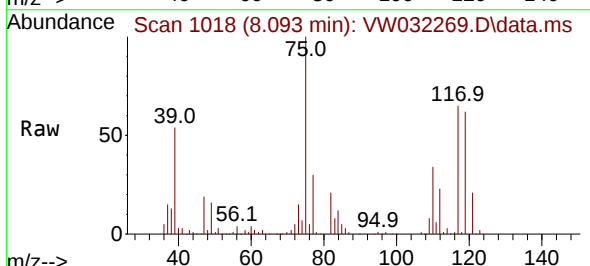
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0926SBS01

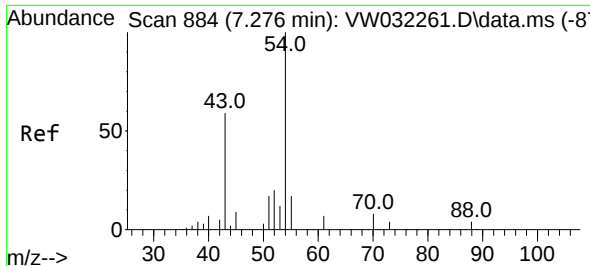
Tgt Ion:113 Resp: 158775
 Ion Ratio Lower Upper
 113 100
 111 104.7 81.8 122.8
 192 17.6 13.0 19.4



#36
 1,1-Dichloropropene
 Concen: 20.350 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. 0.000 min
 Lab File: VW032269.D
 Acq: 26 Sep 2025 10:08

Tgt Ion: 75 Resp: 94168
 Ion Ratio Lower Upper
 75 100
 110 35.5 16.7 50.1
 77 31.4 25.2 37.8





#37

Ethyl Acetate

Concen: 19.411 ug/l

RT: 7.270 min Scan# 884

Delta R.T. -0.006 min

Lab File: VW032269.D

Acq: 26 Sep 2025 10:08

Instrument :

MSVOA_W

ClientSampleId :

VW0926SBS01

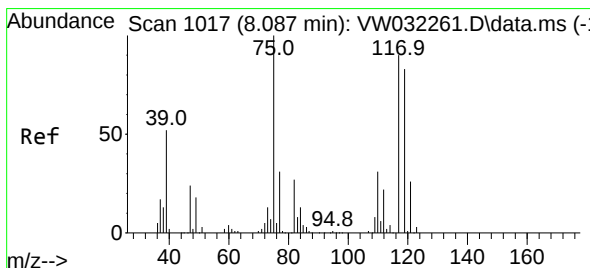
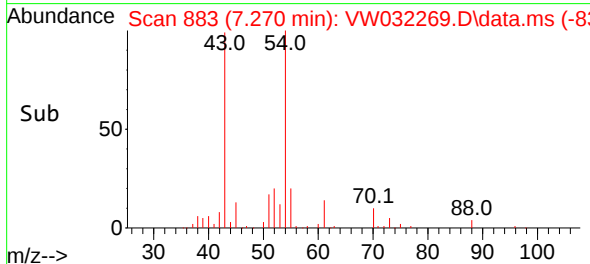
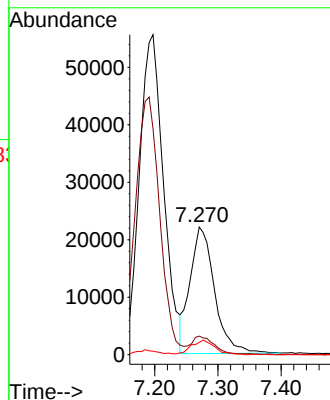
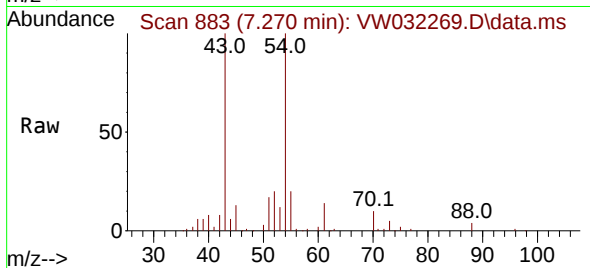
Tgt Ion: 43 Resp: 59573

Ion Ratio Lower Upper

43 100

61 13.8 10.5 15.7

70 10.8 8.5 12.7



#38

Carbon Tetrachloride

Concen: 20.874 ug/l

RT: 8.081 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VW032269.D

Acq: 26 Sep 2025 10:08

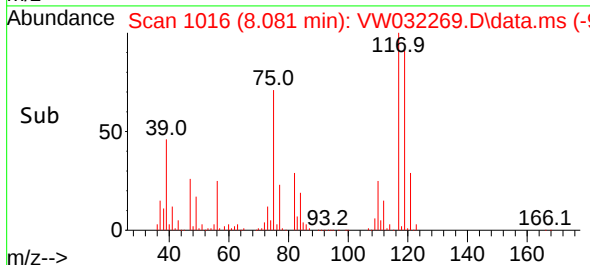
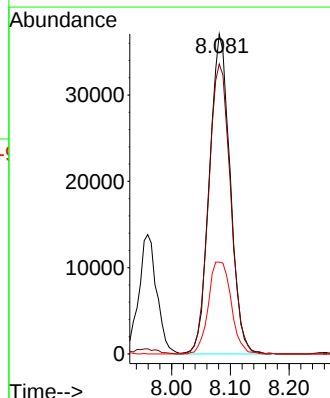
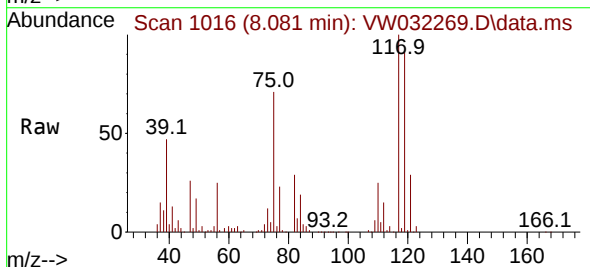
Tgt Ion: 117 Resp: 90875

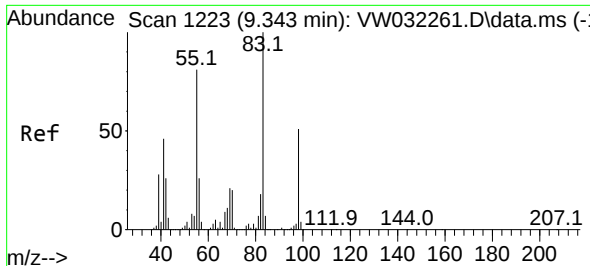
Ion Ratio Lower Upper

117 100

119 90.6 73.9 110.9

121 28.7 23.0 34.6

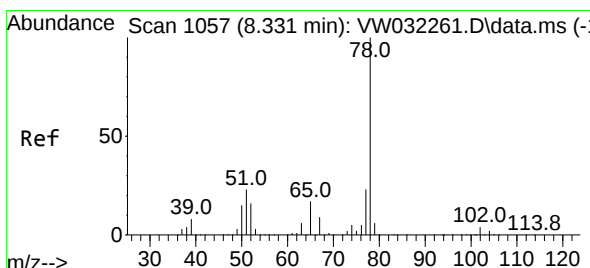
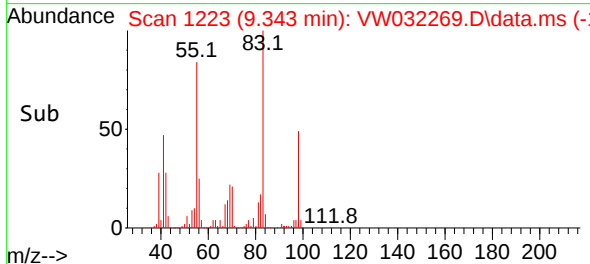
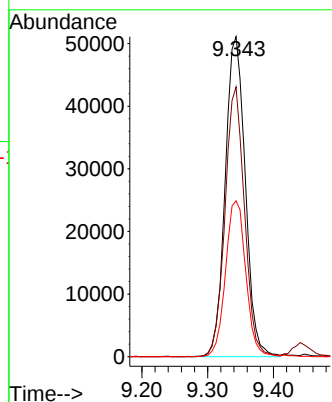
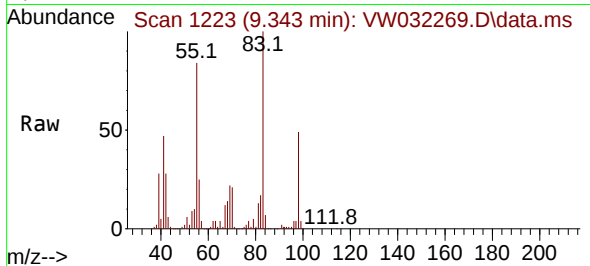




#39
Methylcyclohexane
Concen: 20.265 ug/l
RT: 9.343 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

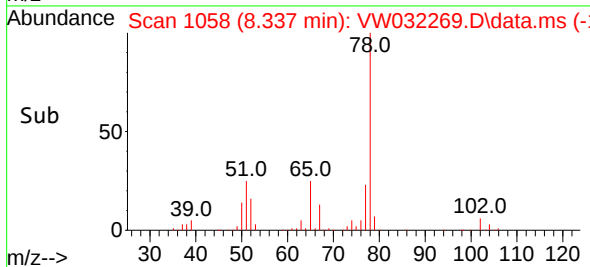
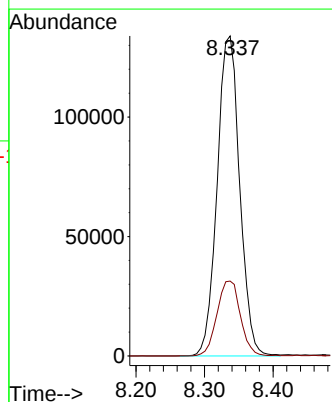
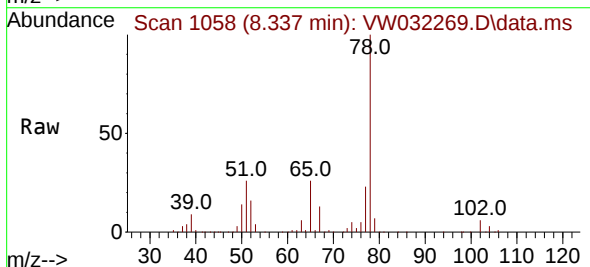
Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

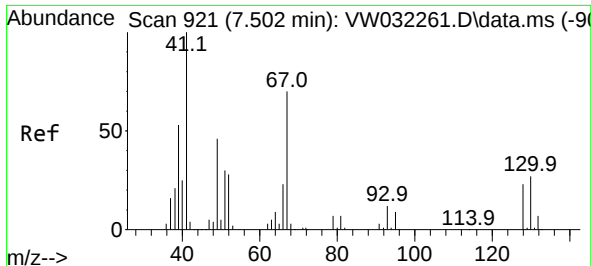
Tgt Ion: 83 Resp: 108509
Ion Ratio Lower Upper
83 100
55 84.3 65.0 97.6
98 48.7 40.8 61.2



#40
Benzene
Concen: 20.954 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 78 Resp: 305208
Ion Ratio Lower Upper
78 100
77 23.4 18.7 28.1

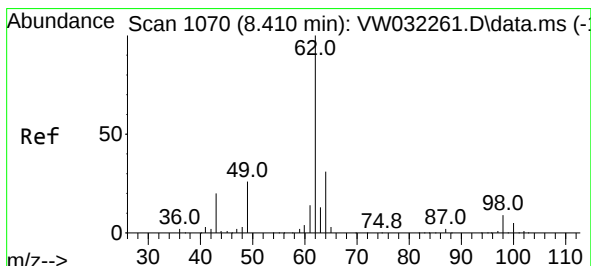
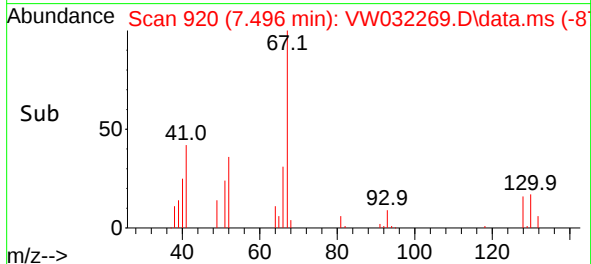
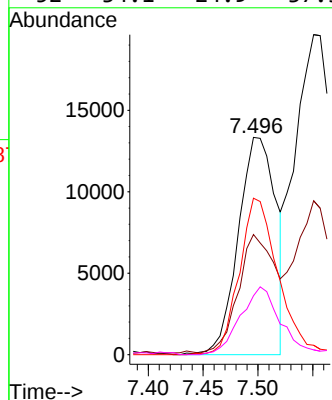
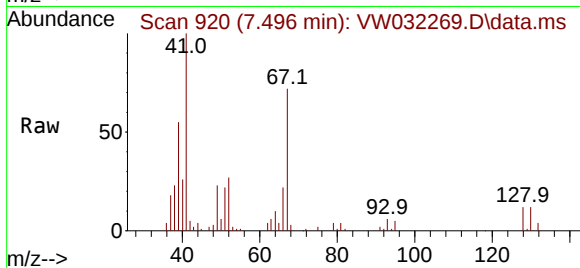




#41
Methacrylonitrile
Concen: 18.101 ug/l
RT: 7.496 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

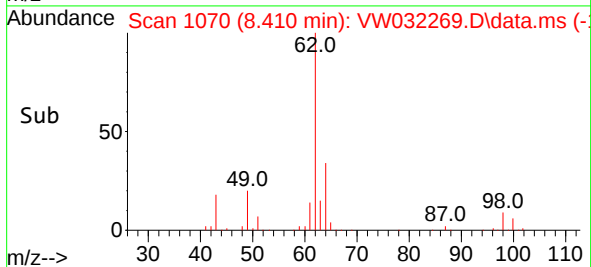
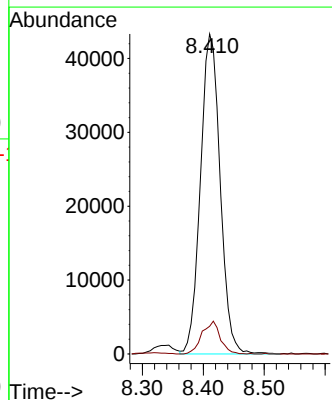
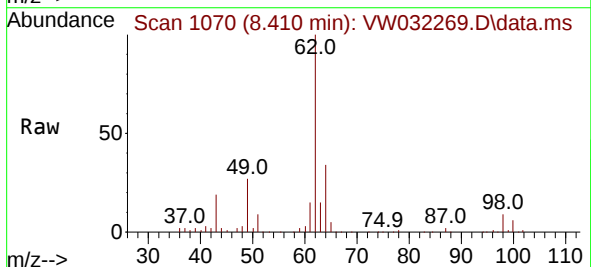
Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

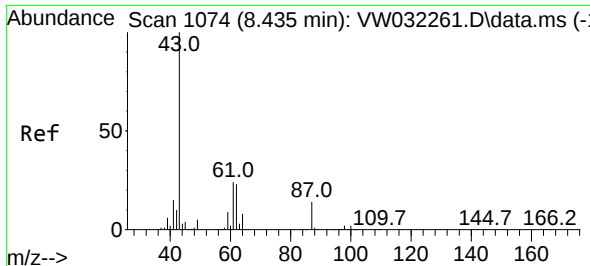
Tgt Ion: 41	Resp: 31816
Ion Ratio	Lower Upper
41 100	
39 53.0	46.9 70.3
67 75.0	59.0 88.4
52 34.1	24.9 37.3



#42
1,2-Dichloroethane
Concen: 20.142 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 62	Resp: 97519
Ion Ratio	Lower Upper
62 100	
98 9.5	0.0 18.4

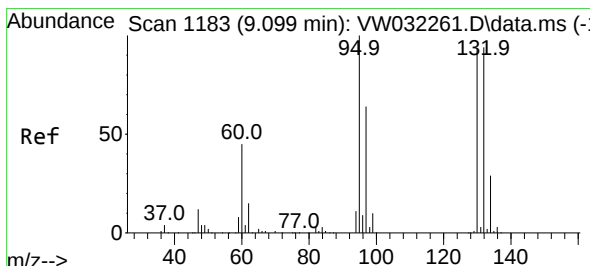
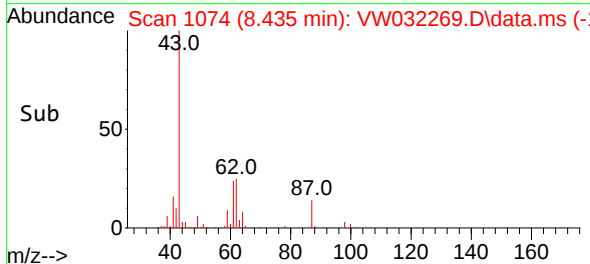
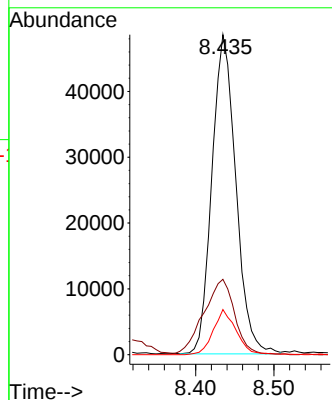
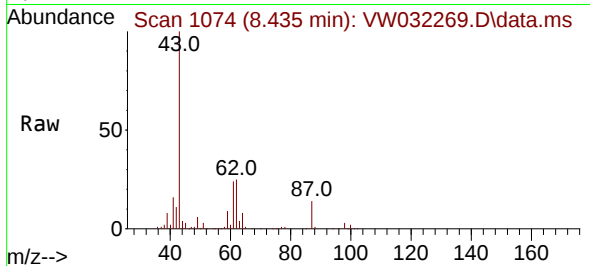




#43
Isopropyl Acetate
Concen: 18.768 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

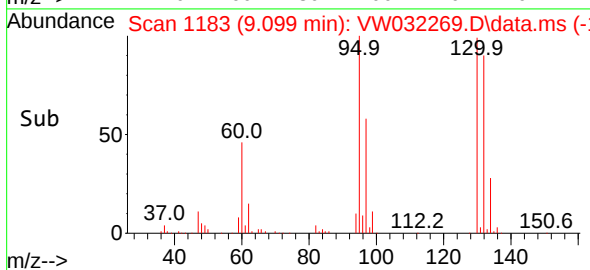
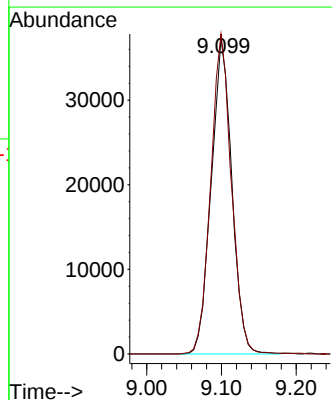
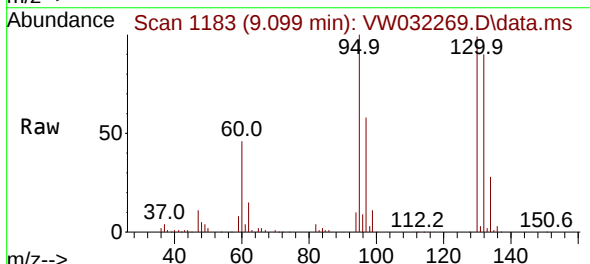
Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

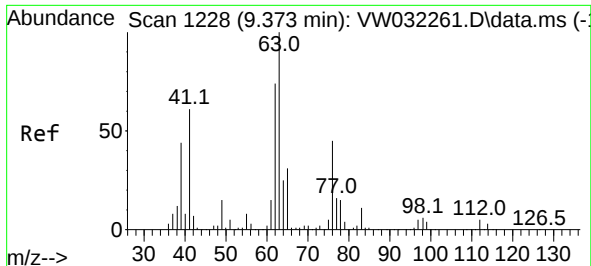
Tgt Ion: 43 Resp: 103104
Ion Ratio Lower Upper
43 100
61 30.6 24.2 36.2
87 13.6 10.6 16.0



#44
Trichloroethene
Concen: 20.915 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 130 Resp: 71206
Ion Ratio Lower Upper
130 100
95 101.4 0.0 215.2





#45

1,2-Dichloropropane

Concen: 20.449 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW032269.D

Acq: 26 Sep 2025 10:08

Instrument :

MSVOA_W

ClientSampleId :

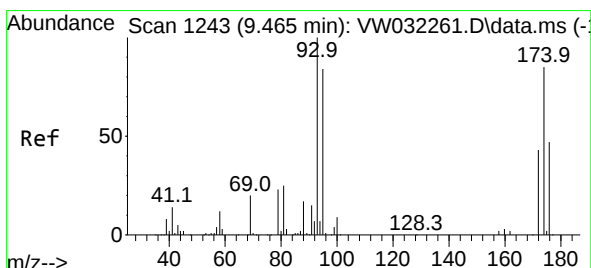
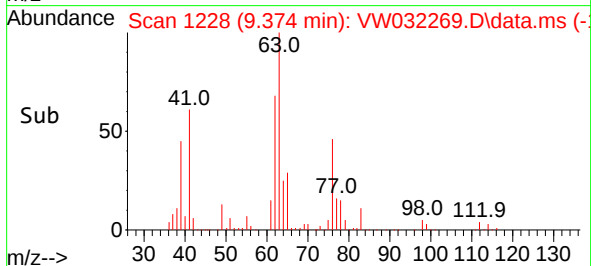
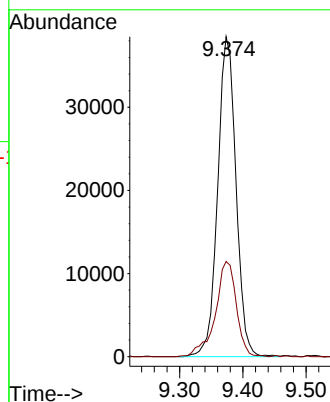
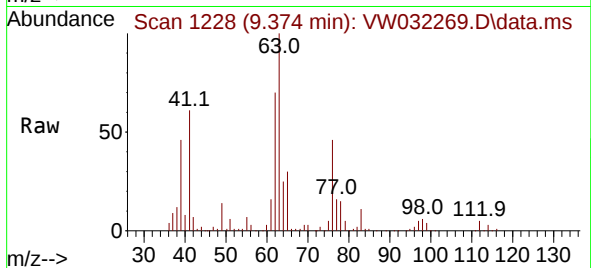
VW0926SBS01

Tgt Ion: 63 Resp: 77145

Ion Ratio Lower Upper

63 100

65 29.8 24.9 37.3



#46

Dibromomethane

Concen: 19.993 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW032269.D

Acq: 26 Sep 2025 10:08

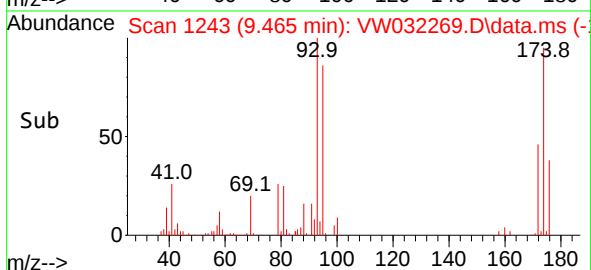
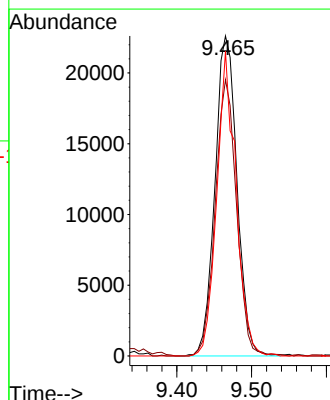
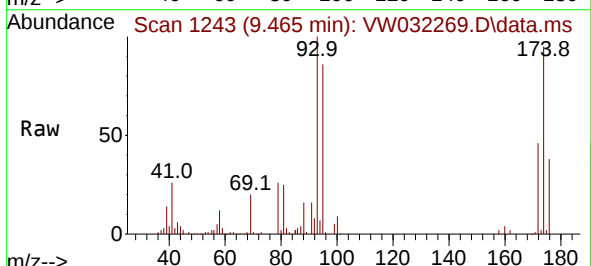
Tgt Ion: 93 Resp: 46372

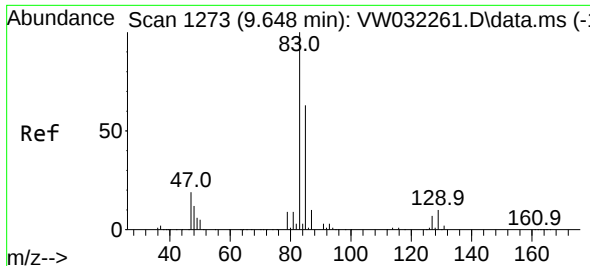
Ion Ratio Lower Upper

93 100

95 83.5 66.6 99.8

174 83.5 69.0 103.6

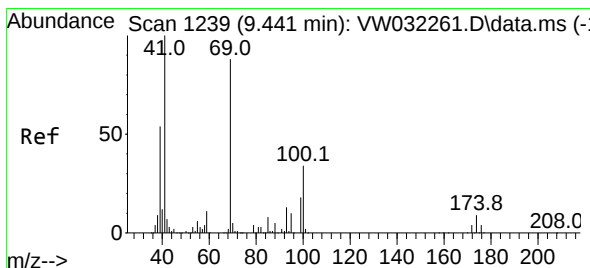
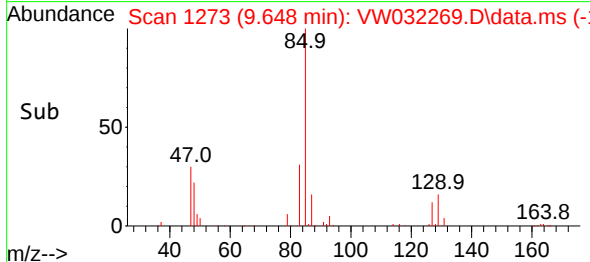
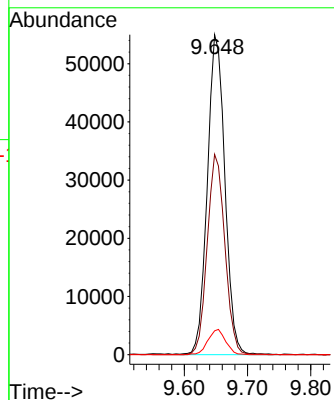
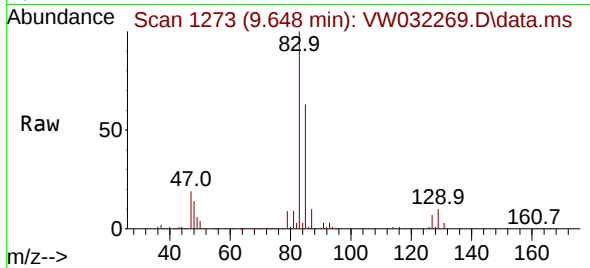




#47
Bromodichloromethane
Concen: 20.093 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

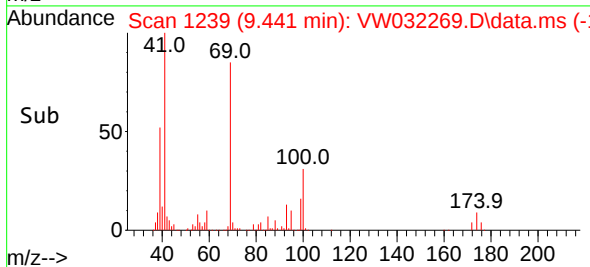
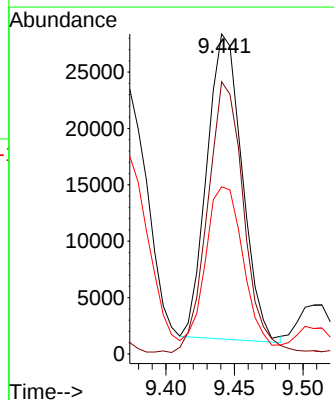
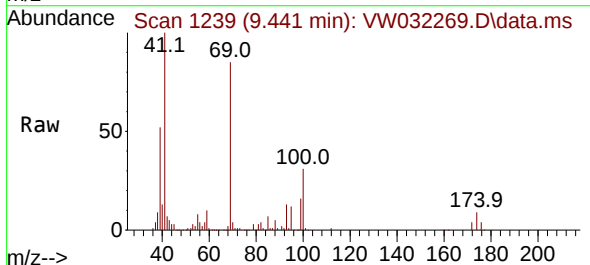
Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

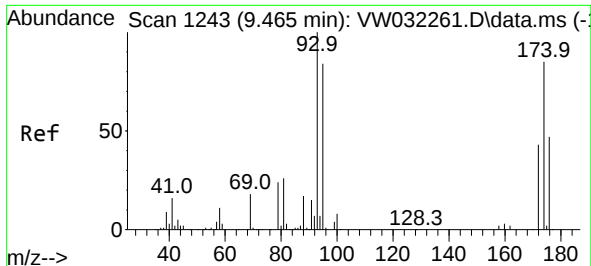
Tgt Ion: 83 Resp: 106292
Ion Ratio Lower Upper
83 100
85 62.6 50.3 75.5
127 7.5 5.6 8.4



#48
Methyl methacrylate
Concen: 18.692 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 41 Resp: 48310
Ion Ratio Lower Upper
41 100
69 91.1 71.4 107.0
39 59.8 46.9 70.3

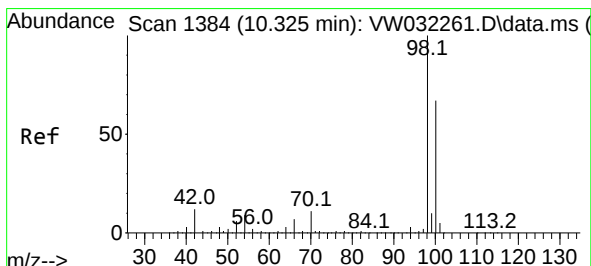
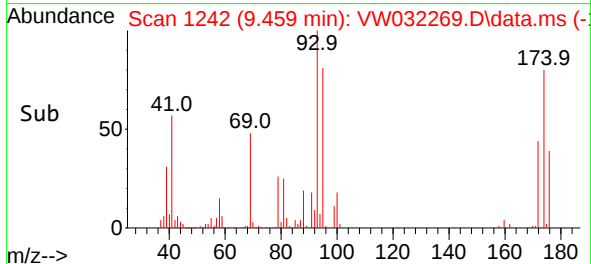
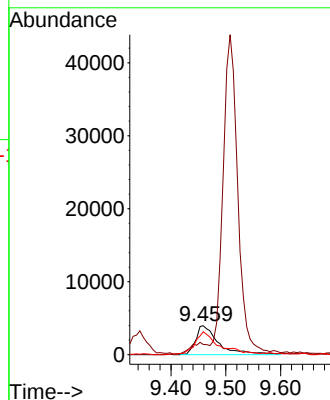
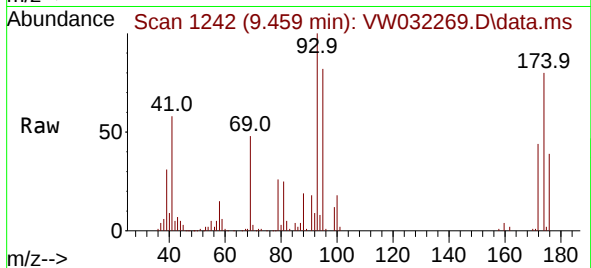




#49
 1,4-Dioxane
 Concen: 372.877 ug/l
 RT: 9.459 min Scan# 11583
 Delta R.T. -0.006 min
 Lab File: VW032269.D
 Acq: 26 Sep 2025 10:08

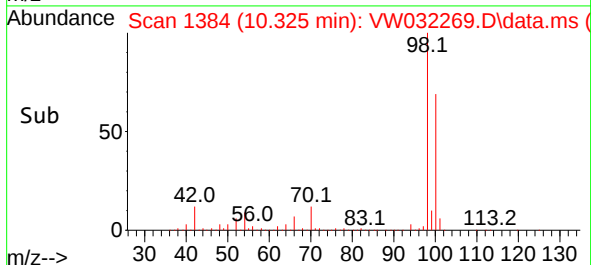
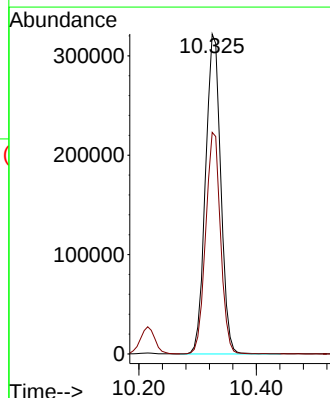
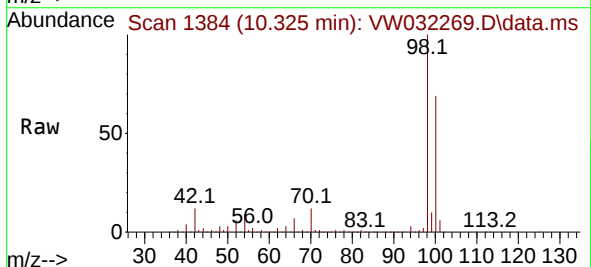
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0926SBS01

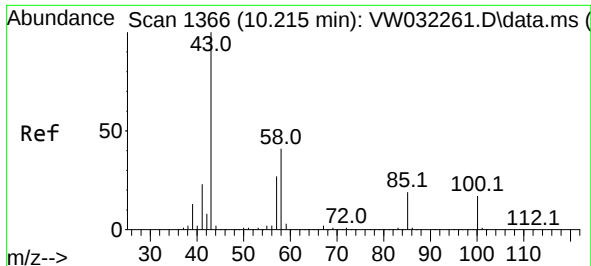
Tgt Ion: 88 Resp: 11583
 Ion Ratio Lower Upper
 88 100
 43 29.6 0.0 0.0#
 58 84.1 62.9 94.3



#50
 Toluene-d8
 Concen: 46.852 ug/l
 RT: 10.325 min Scan# 1384
 Delta R.T. 0.000 min
 Lab File: VW032269.D
 Acq: 26 Sep 2025 10:08

Tgt Ion: 98 Resp: 579559
 Ion Ratio Lower Upper
 98 100
 100 67.5 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 91.920 ug/l

RT: 10.215 min Scan# 1366

Delta R.T. 0.000 min

Lab File: VW032269.D

Acq: 26 Sep 2025 10:08

Instrument :

MSVOA_W

ClientSampleId :

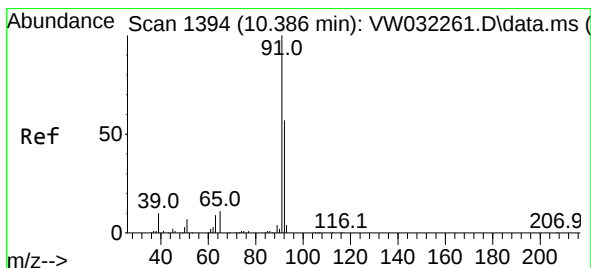
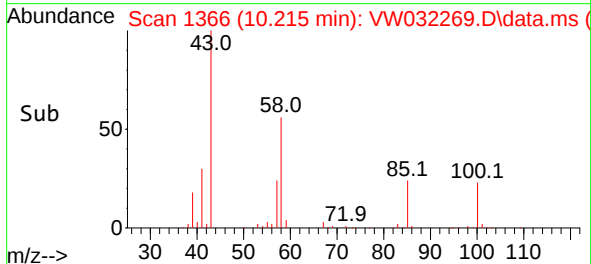
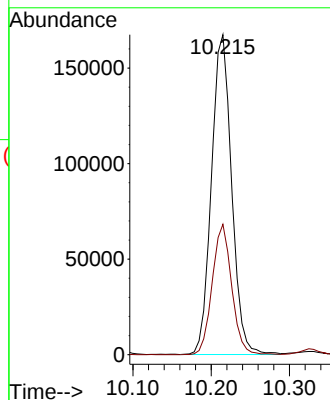
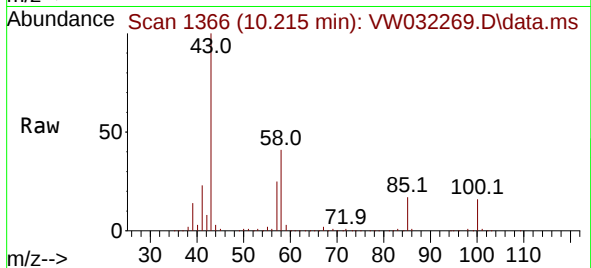
VW0926SBS01

Tgt Ion: 43 Resp: 299407

Ion Ratio Lower Upper

43 100

58 39.3 32.3 48.5



#52

Toluene

Concen: 20.760 ug/l

RT: 10.392 min Scan# 1395

Delta R.T. 0.006 min

Lab File: VW032269.D

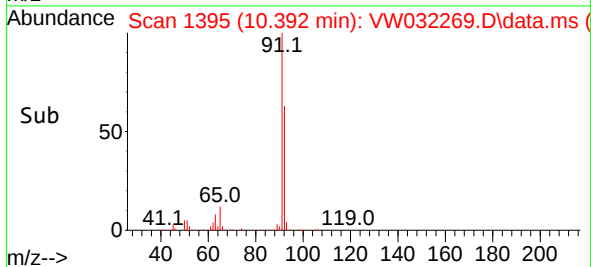
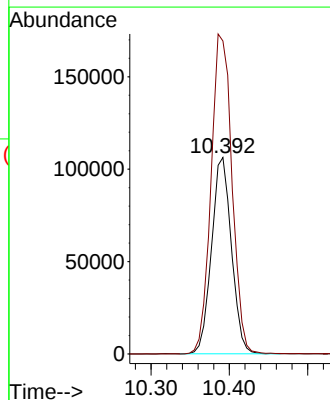
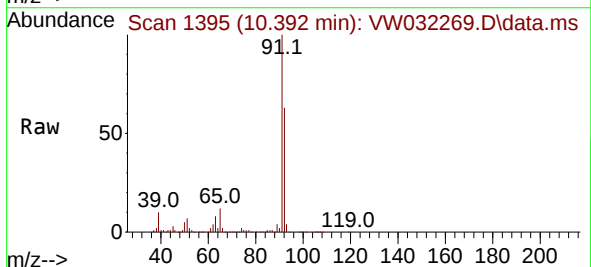
Acq: 26 Sep 2025 10:08

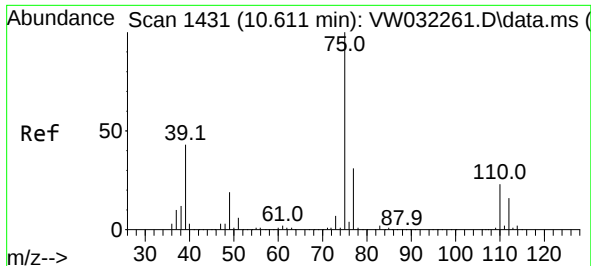
Tgt Ion: 92 Resp: 187424

Ion Ratio Lower Upper

92 100

91 172.1 139.2 208.8

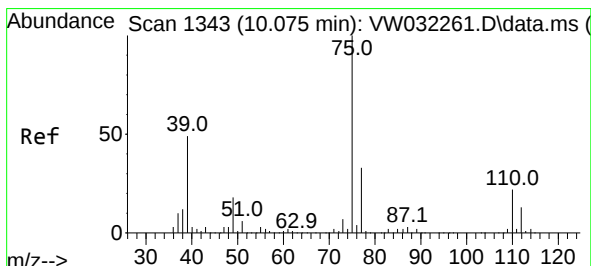
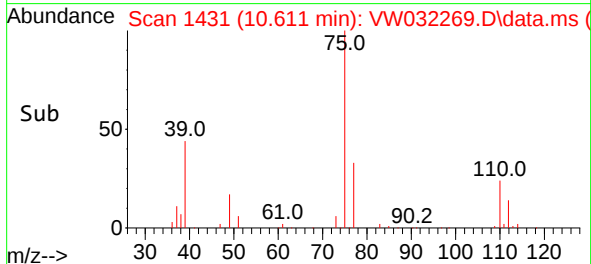
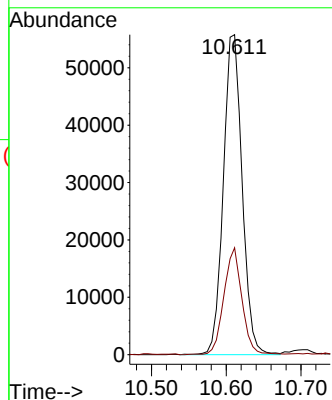
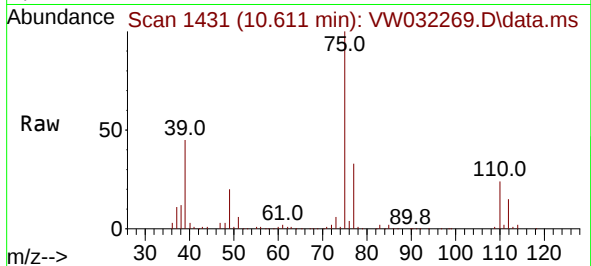




#53
 t-1,3-Dichloropropene
 Concen: 20.117 ug/l
 RT: 10.611 min Scan# 1431
 Delta R.T. 0.000 min
 Lab File: VW032269.D
 Acq: 26 Sep 2025 10:08

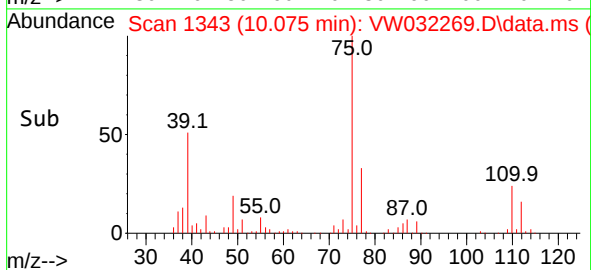
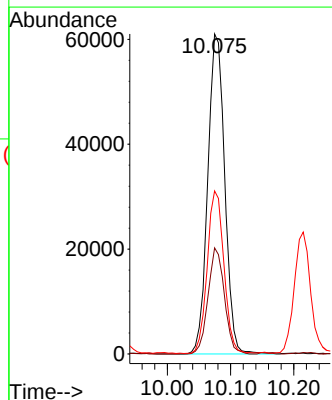
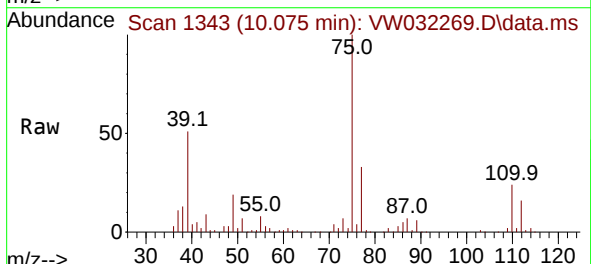
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0926SBS01

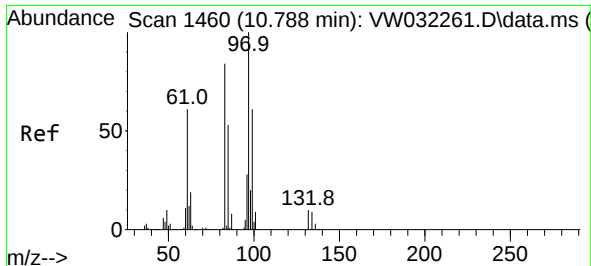
Tgt Ion: 75 Resp: 97505
 Ion Ratio Lower Upper
 75 100
 77 33.4 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.403 ug/l
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.000 min
 Lab File: VW032269.D
 Acq: 26 Sep 2025 10:08

Tgt Ion: 75 Resp: 114169
 Ion Ratio Lower Upper
 75 100
 77 33.1 26.2 39.4
 39 50.7 39.0 58.6

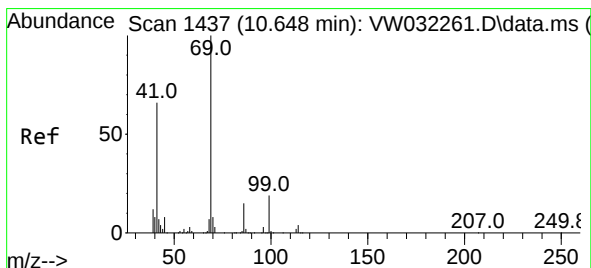
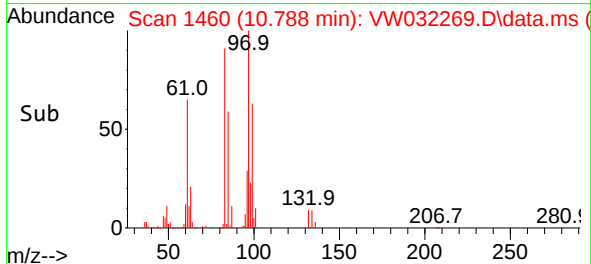
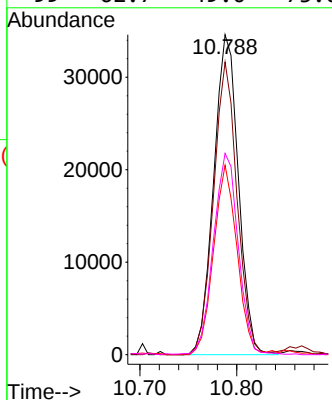
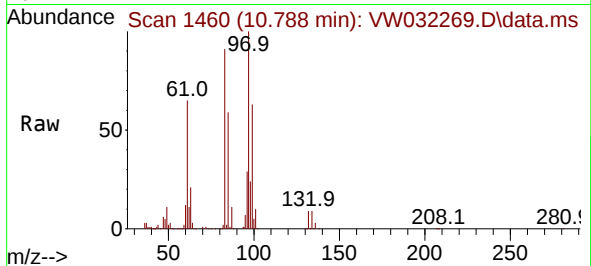




#55
1,1,2-Trichloroethane
Concen: 19.344 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

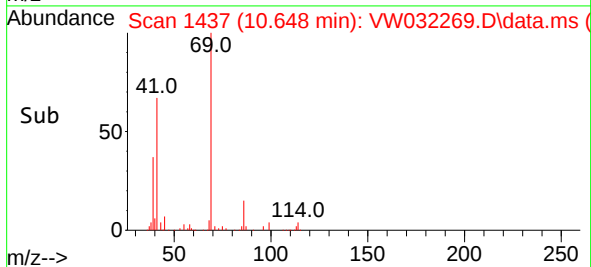
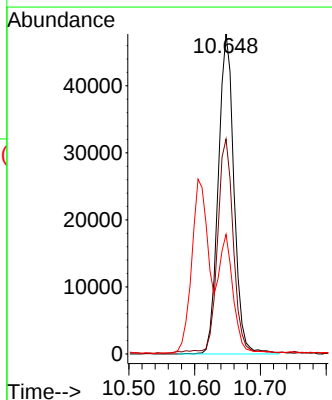
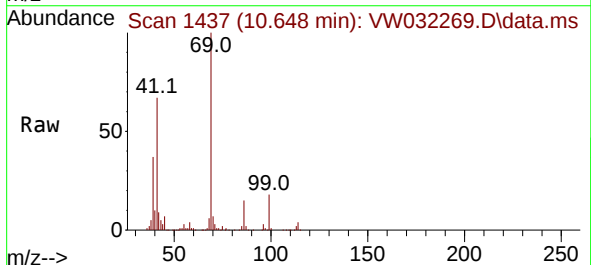
Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

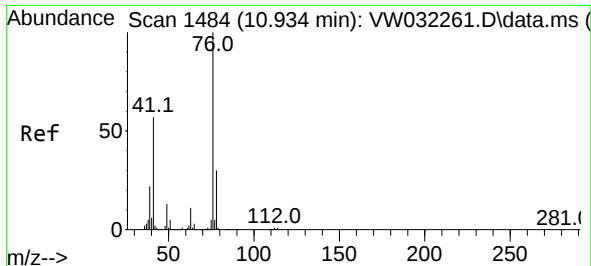
Tgt Ion:	97	Resp:	61241
Ion	Ratio	Lower	Upper
97	100		
83	91.5	67.4	101.2
85	59.2	42.0	63.0
99	62.7	49.0	73.6



#56
Ethyl methacrylate
Concen: 19.046 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion:	69	Resp:	79427
Ion	Ratio	Lower	Upper
69	100		
41	67.8	54.7	82.1
39	33.3	26.3	39.5





#57

1,3-Dichloropropane

Concen: 19.749 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW032269.D

Acq: 26 Sep 2025 10:08

Instrument :

MSVOA_W

ClientSampleId :

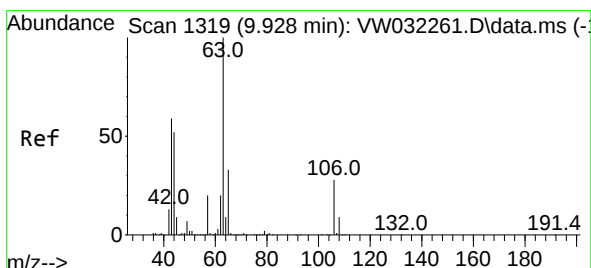
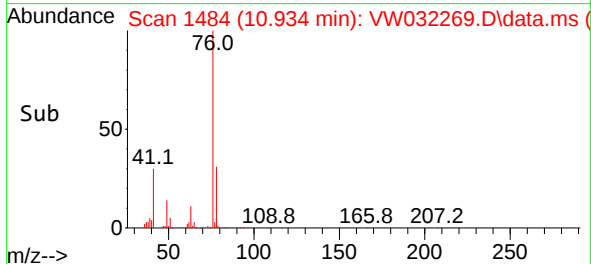
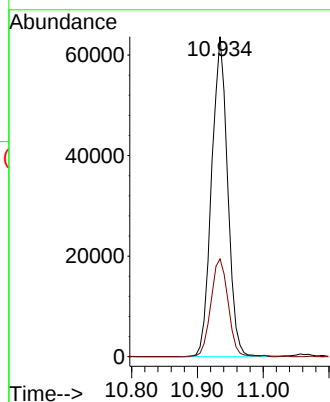
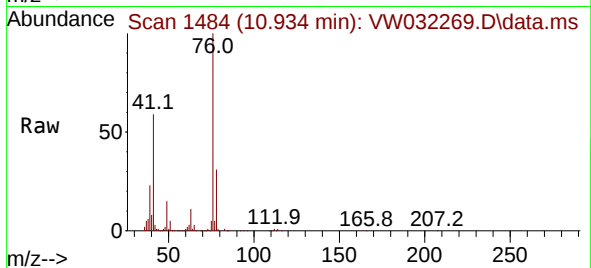
VW0926SBS01

Tgt Ion: 76 Resp: 108013

Ion Ratio Lower Upper

76 100

78 32.7 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 87.473 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW032269.D

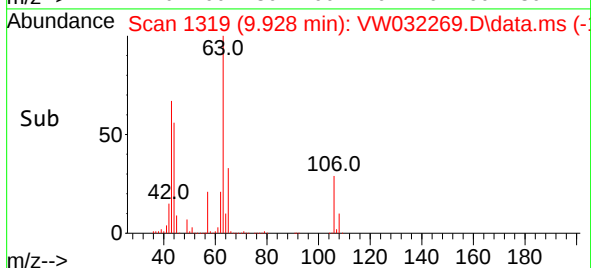
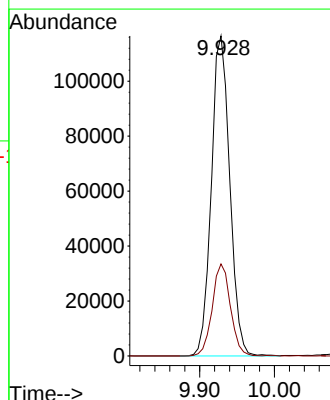
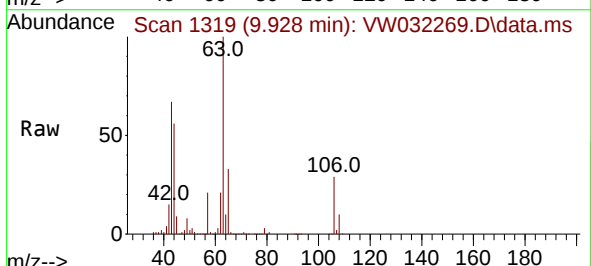
Acq: 26 Sep 2025 10:08

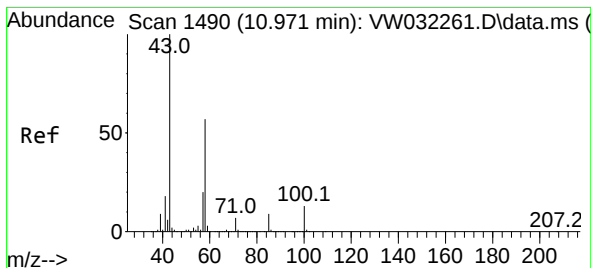
Tgt Ion: 63 Resp: 200248

Ion Ratio Lower Upper

63 100

106 28.3 22.5 33.7

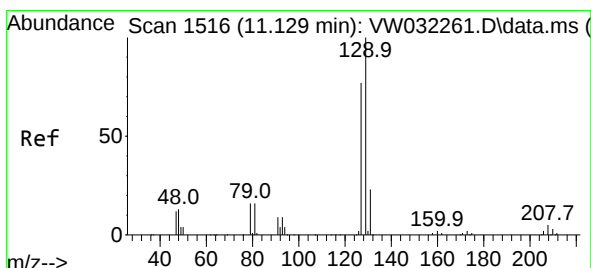
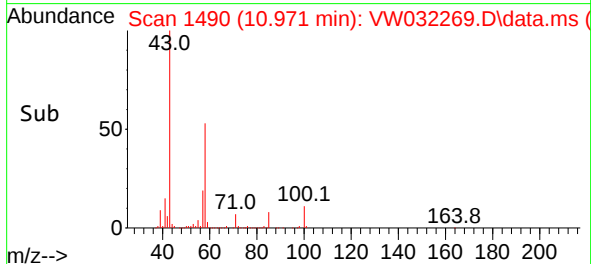
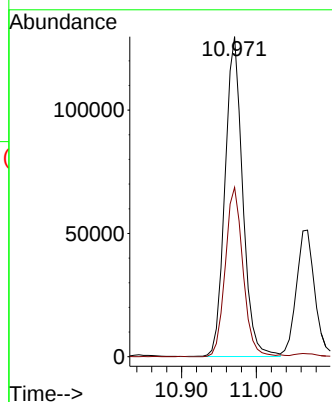
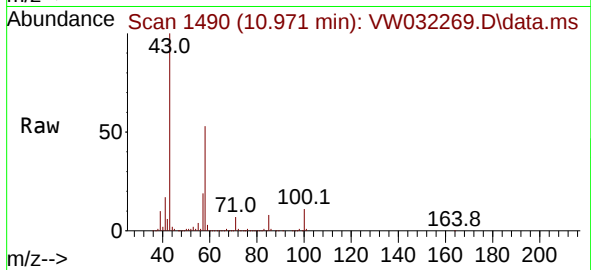




#59
2-Hexanone
Concen: 96.071 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

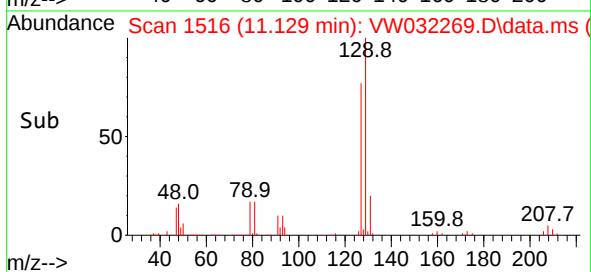
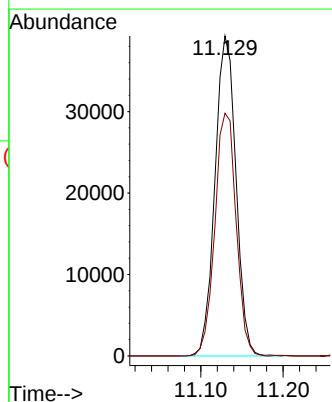
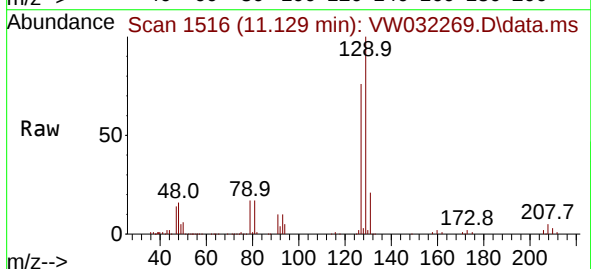
Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

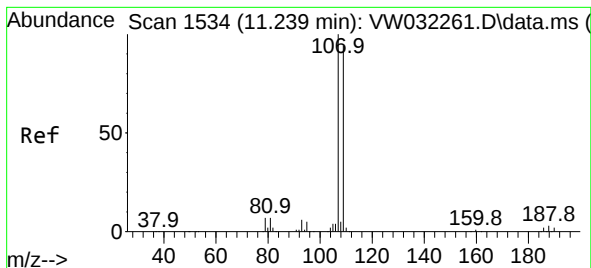
Tgt Ion: 43 Resp: 213695
Ion Ratio Lower Upper
43 100
58 53.2 27.9 83.6



#60
Dibromochloromethane
Concen: 20.044 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 129 Resp: 69693
Ion Ratio Lower Upper
129 100
127 76.9 39.3 117.8

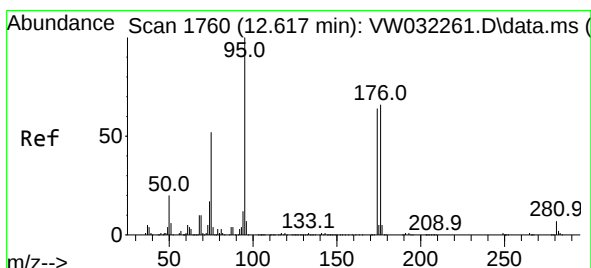
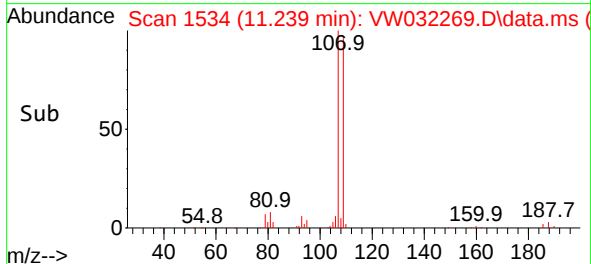
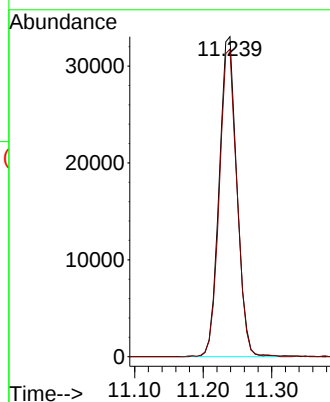
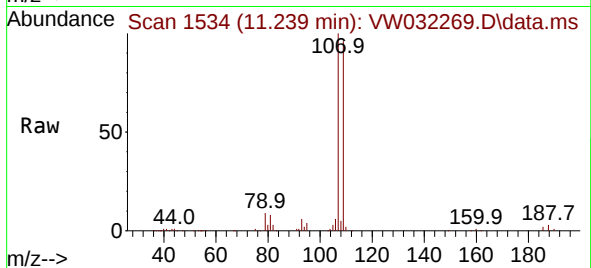




#61
1,2-Dibromoethane
Concen: 19.678 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

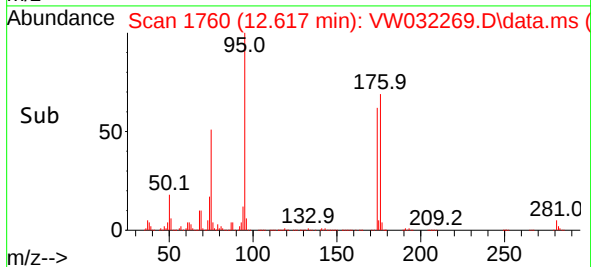
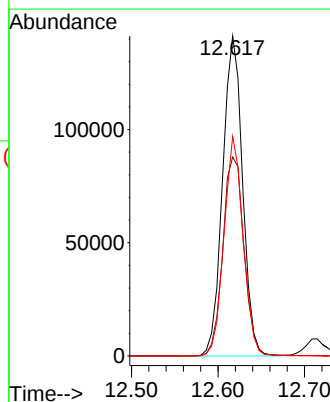
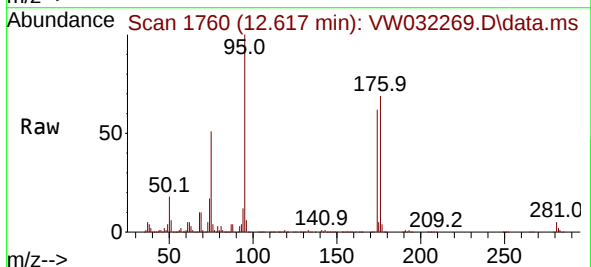
Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

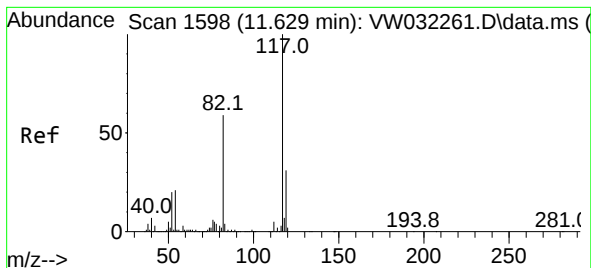
Tgt Ion:107 Resp: 59022
Ion Ratio Lower Upper
107 100
109 95.8 74.1 111.1



#62
4-Bromofluorobenzene
Concen: 48.349 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 95 Resp: 225595
Ion Ratio Lower Upper
95 100
174 66.1 0.0 130.6
176 65.9 0.0 127.0

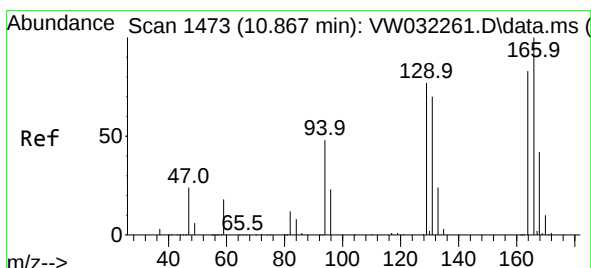
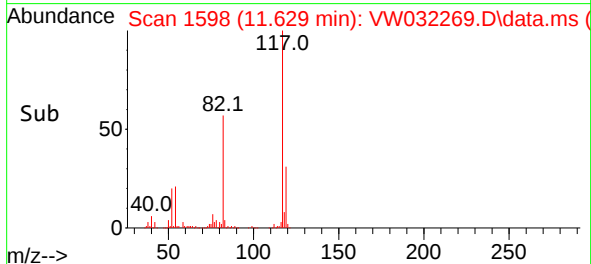
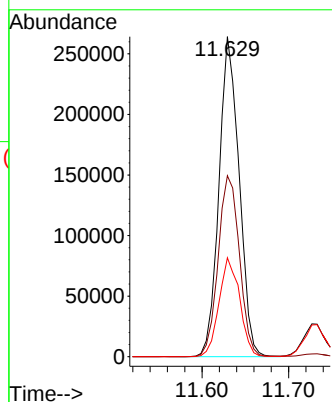
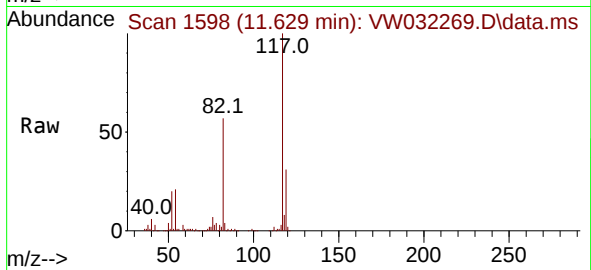




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

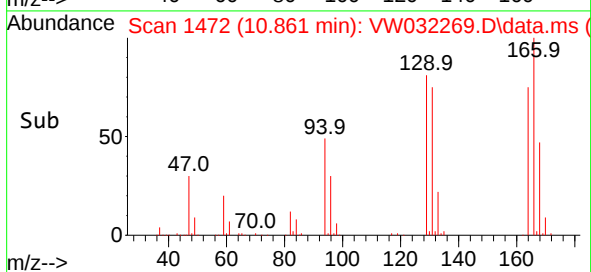
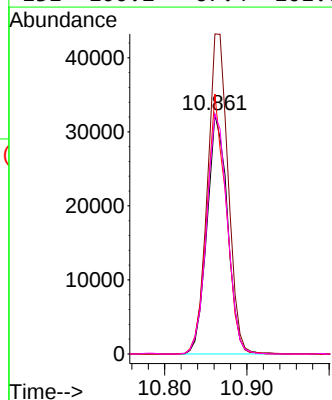
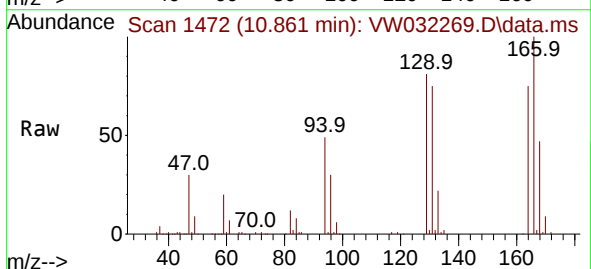
Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

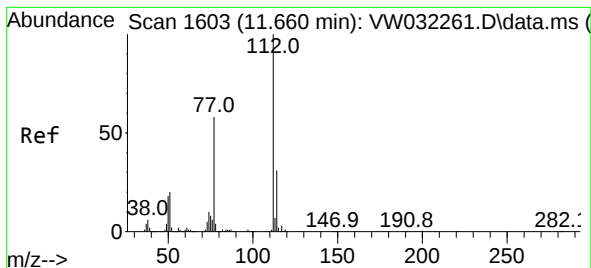
Tgt Ion:117 Resp: 426681
Ion Ratio Lower Upper
117 100
82 56.6 46.9 70.3
119 30.9 24.9 37.3



#64
Tetrachloroethene
Concen: 21.429 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion:164 Resp: 55720
Ion Ratio Lower Upper
164 100
166 133.6 96.9 145.3
129 108.6 75.0 112.4
131 100.2 67.4 101.0





#65

Chlorobenzene

Concen: 21.706 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032269.D

Acq: 26 Sep 2025 10:08

Instrument :

MSVOA_W

ClientSampleId :

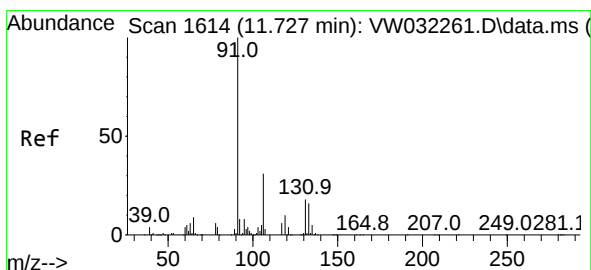
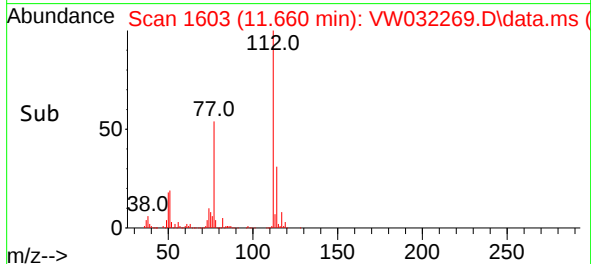
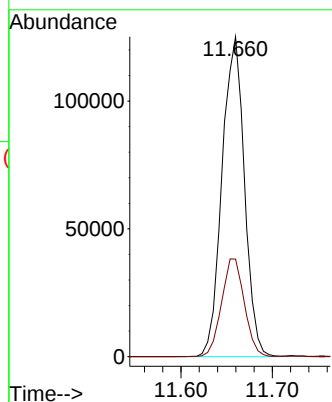
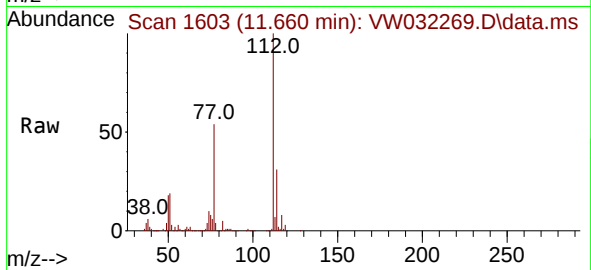
VW0926SBS01

Tgt Ion:112 Resp: 213331

Ion Ratio Lower Upper

112 100

114 30.5 24.8 37.2



#66

1,1,1,2-Tetrachloroethane

Concen: 20.847 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW032269.D

Acq: 26 Sep 2025 10:08

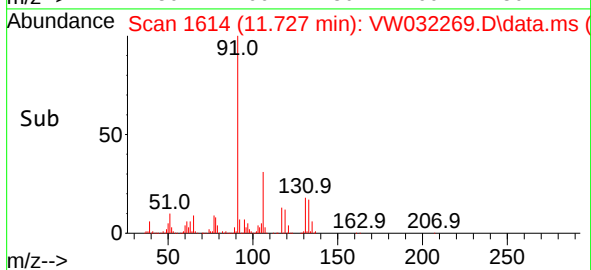
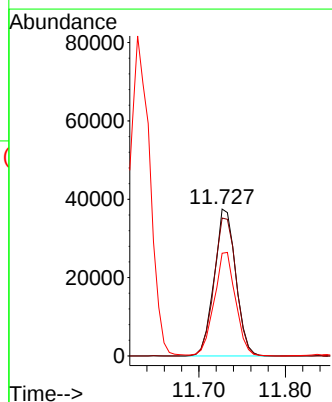
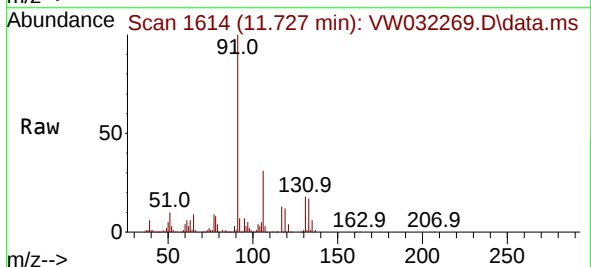
Tgt Ion:131 Resp: 64799

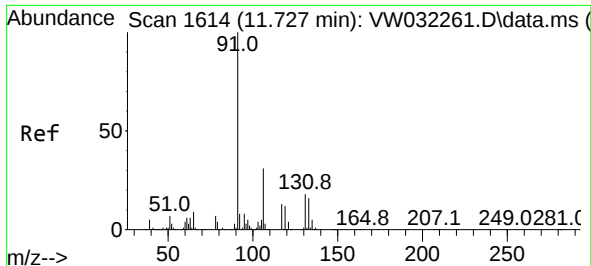
Ion Ratio Lower Upper

131 100

133 96.7 47.1 141.3

119 70.2 33.9 101.7

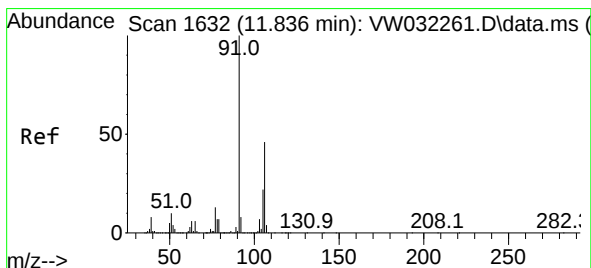
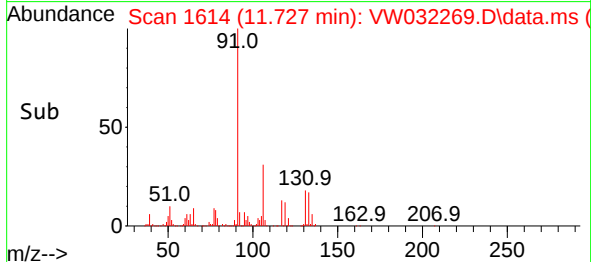
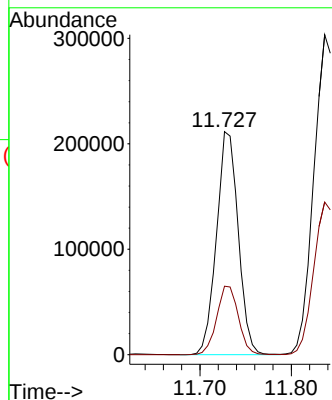
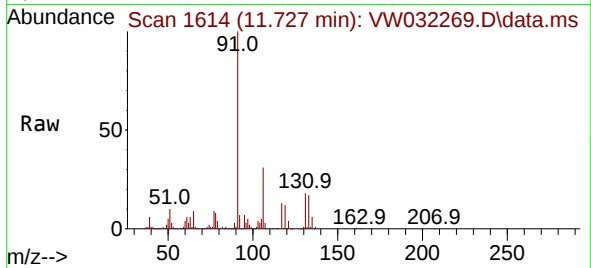




#67
Ethyl Benzene
Concen: 21.742 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

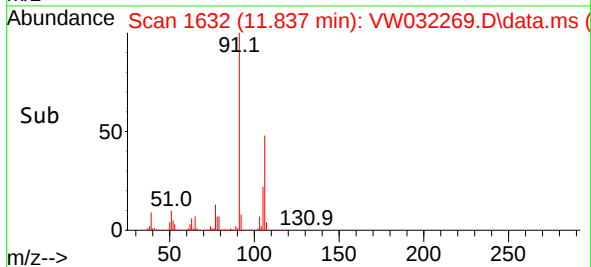
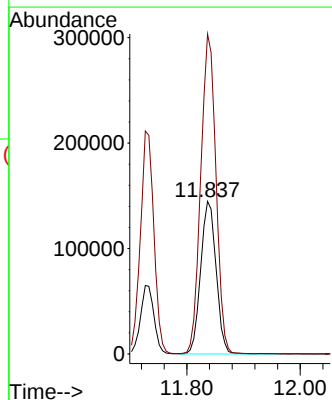
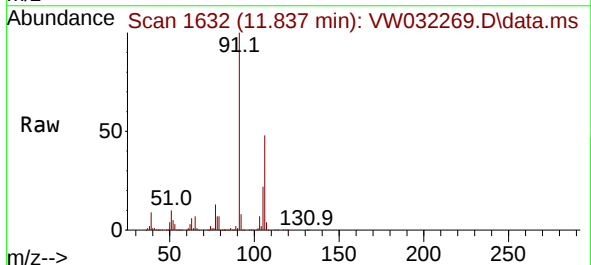
Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

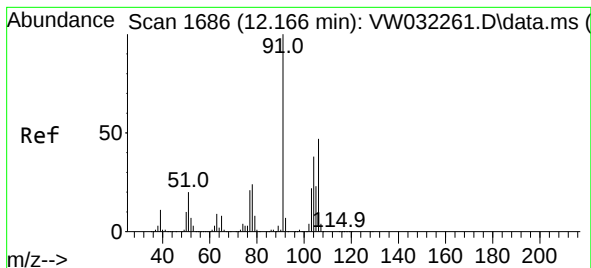
Tgt Ion: 91 Resp: 349768
Ion Ratio Lower Upper
91 100
106 30.7 24.7 37.1



#68
m/p-Xylenes
Concen: 44.189 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion:106 Resp: 272503
Ion Ratio Lower Upper
106 100
91 207.0 169.0 253.4

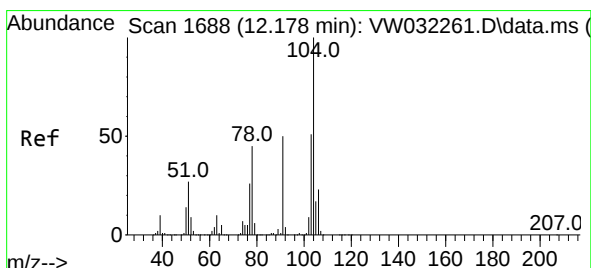
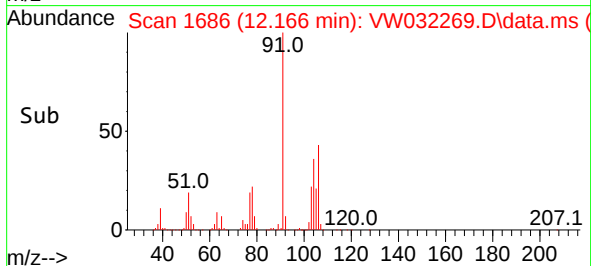
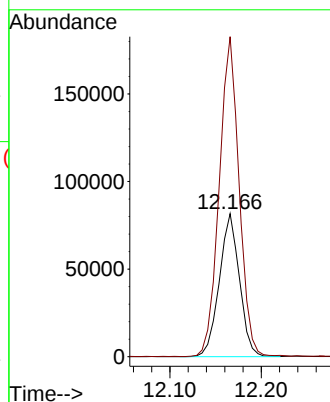
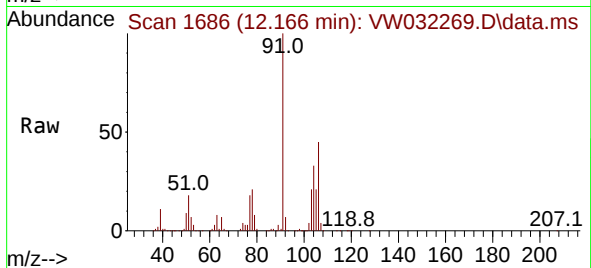




#69
o-Xylene
Concen: 21.555 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

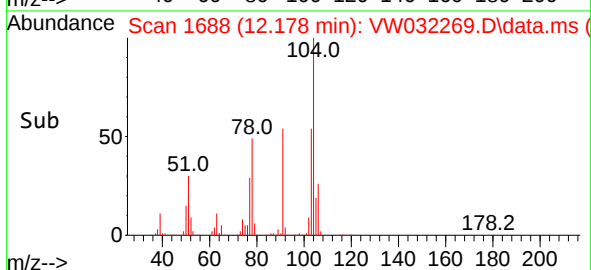
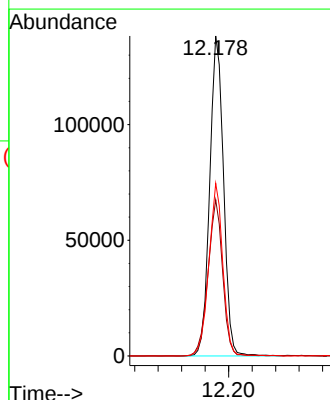
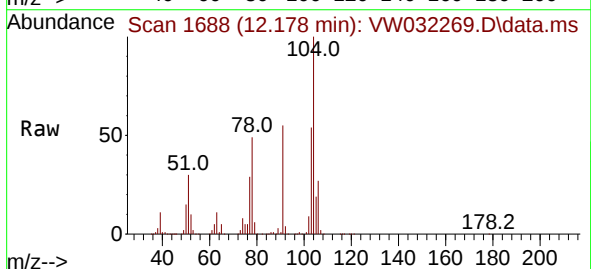
Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

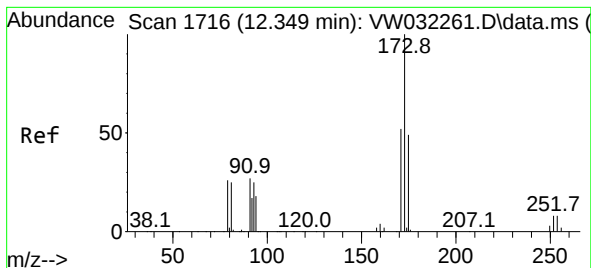
Tgt Ion:106 Resp: 124923
Ion Ratio Lower Upper
106 100
91 221.5 107.8 323.6



#70
Styrene
Concen: 22.230 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion:104 Resp: 225931
Ion Ratio Lower Upper
104 100
78 51.3 40.8 61.2
103 54.6 43.4 65.2





#71

Bromoform

Concen: 19.735 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032269.D

Acq: 26 Sep 2025 10:08

Instrument :

MSVOA_W

ClientSampleId :

VW0926SBS01

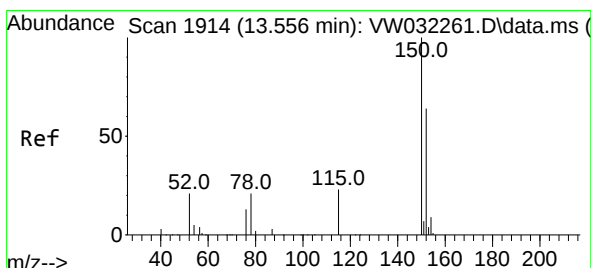
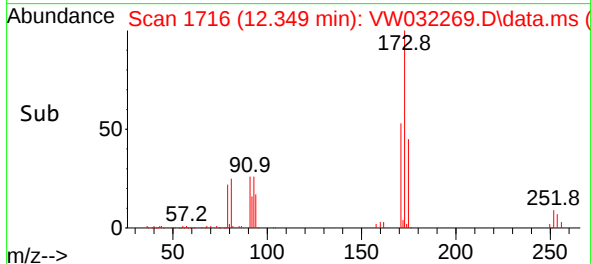
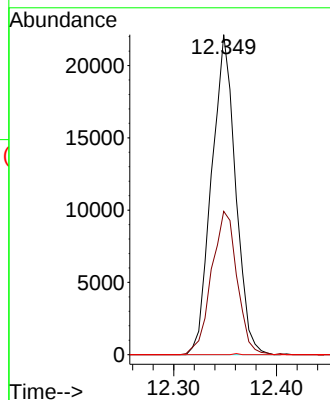
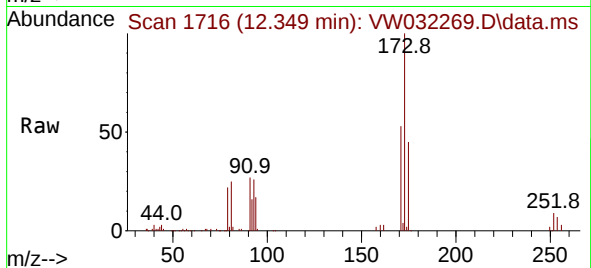
Tgt Ion:173 Resp: 35746

Ion Ratio Lower Upper

173 100

175 48.0 23.1 69.2

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW032269.D

Acq: 26 Sep 2025 10:08

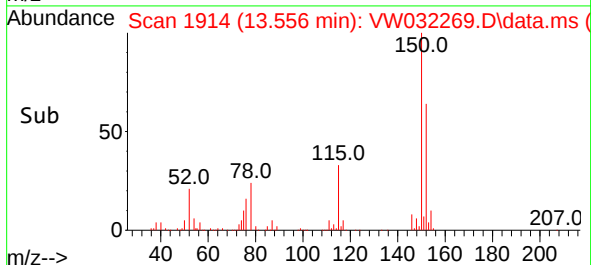
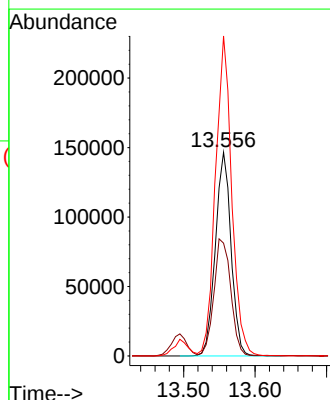
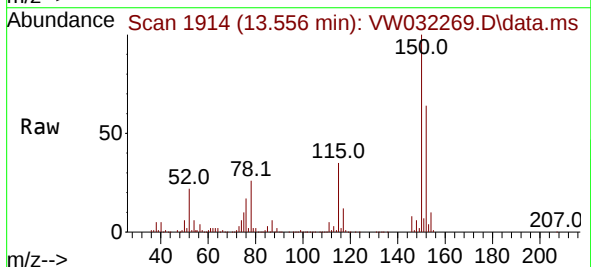
Tgt Ion:152 Resp: 223480

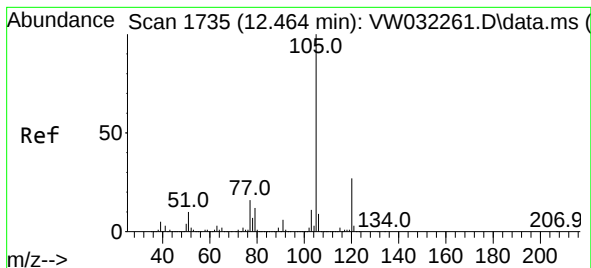
Ion Ratio Lower Upper

152 100

115 61.6 32.5 97.5

150 162.3 0.0 370.2





#73

Isopropylbenzene

Concen: 20.627 ug/l

RT: 12.464 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032269.D

Acq: 26 Sep 2025 10:08

Instrument :

MSVOA_W

ClientSampleId :

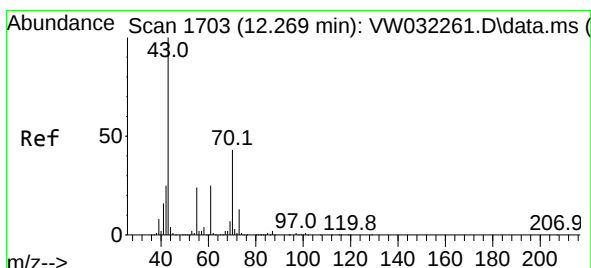
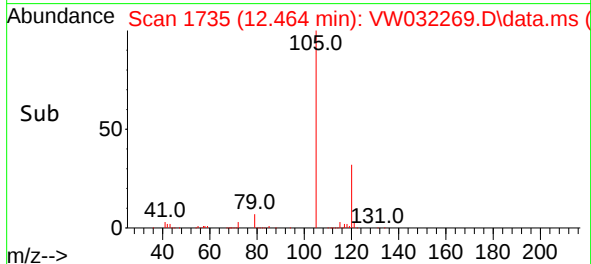
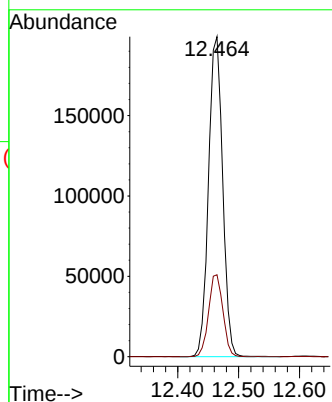
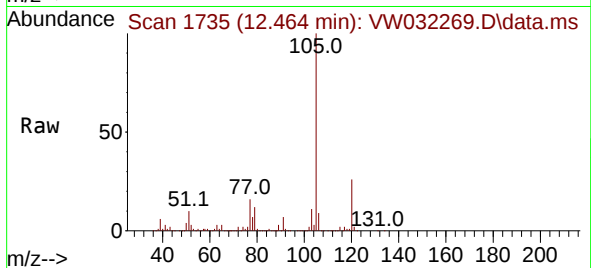
VW0926SBS01

Tgt Ion:105 Resp: 320847

Ion Ratio Lower Upper

105 100

120 26.0 13.1 39.3



#74

N-ethyl acetate

Concen: 19.100 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW032269.D

Acq: 26 Sep 2025 10:08

Tgt Ion: 43 Resp: 93561

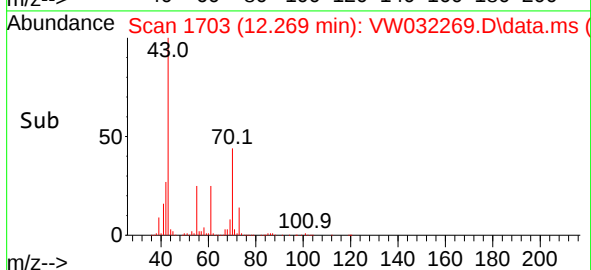
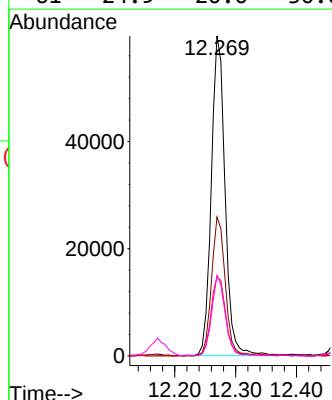
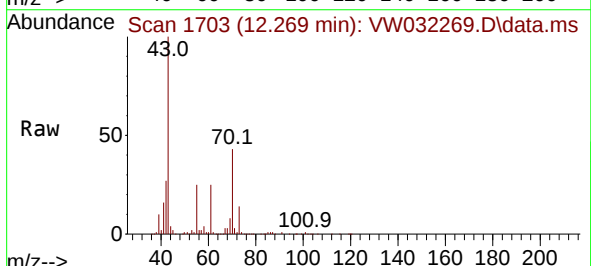
Ion Ratio Lower Upper

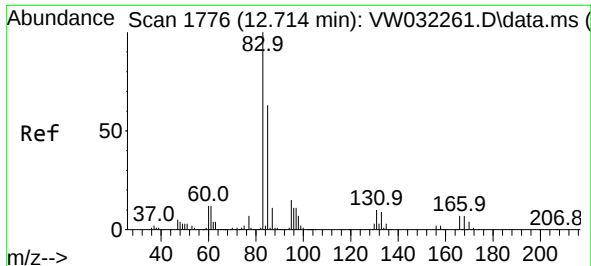
43 100

70 43.3 35.0 52.4

55 27.2 20.6 31.0

61 24.9 20.0 30.0

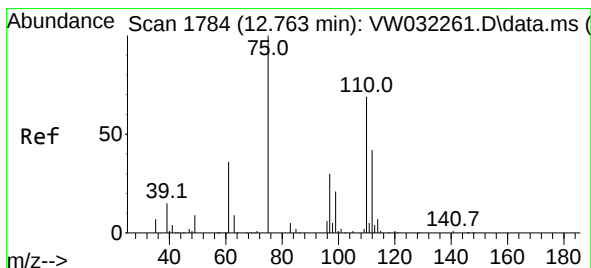
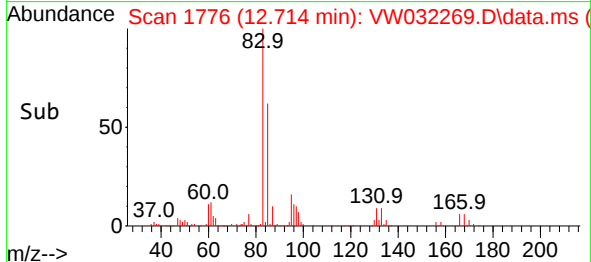
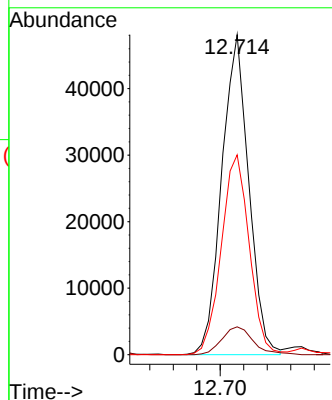
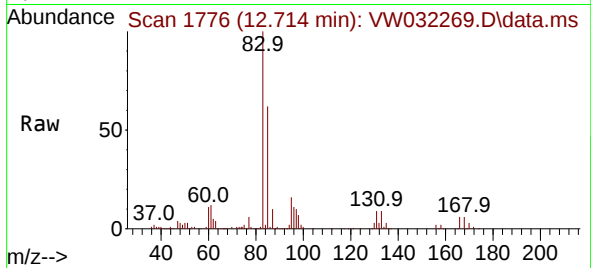




#75
1,1,2,2-Tetrachloroethane
Concen: 18.837 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

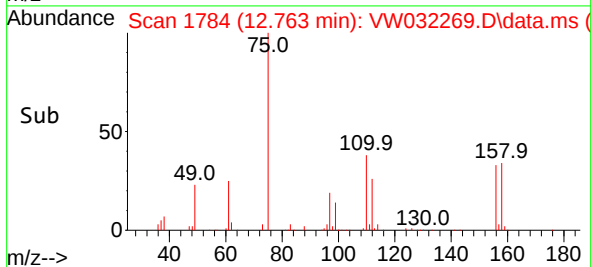
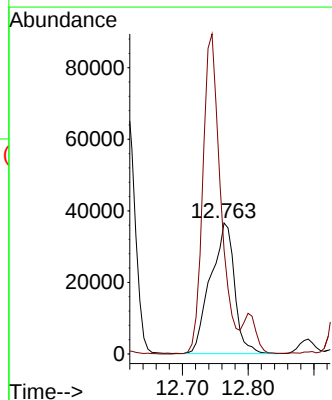
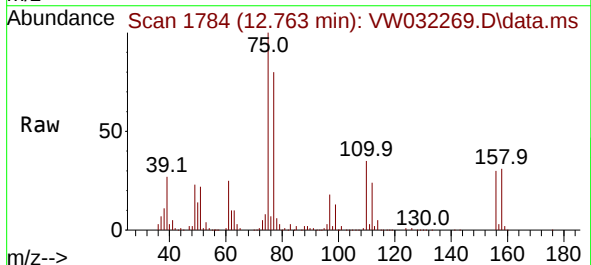
Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

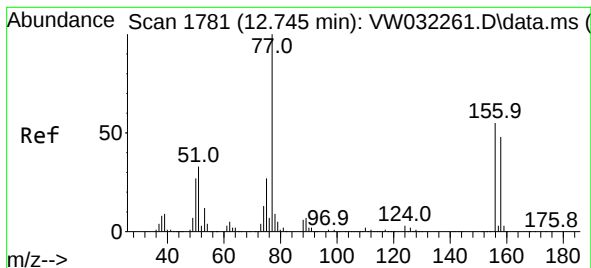
Tgt Ion: 83 Resp: 76820
Ion Ratio Lower Upper
83 100
131 10.1 4.9 14.7
85 64.7 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 30.149 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 75 Resp: 92696
Ion Ratio Lower Upper
75 100
77 183.3 140.9 422.7

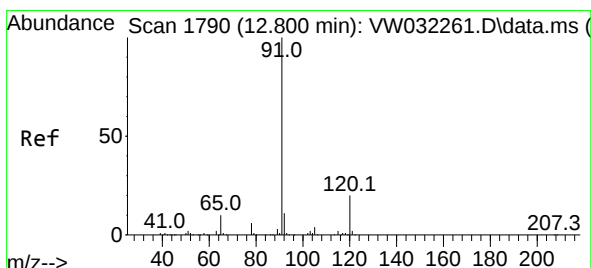
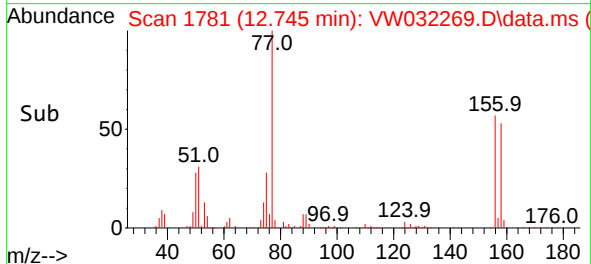
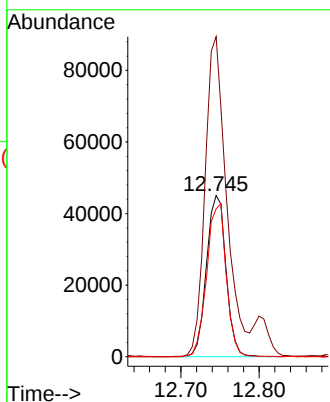
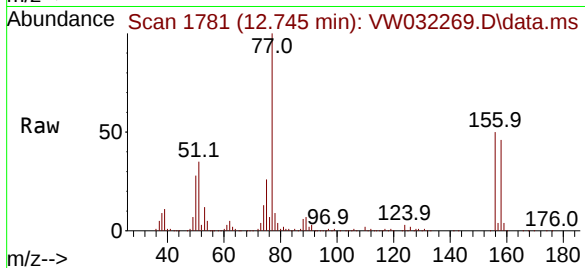




#77
 Bromobenzene
 Concen: 20.312 ug/l
 RT: 12.745 min Scan# 1781
 Delta R.T. 0.000 min
 Lab File: VW032269.D
 Acq: 26 Sep 2025 10:08

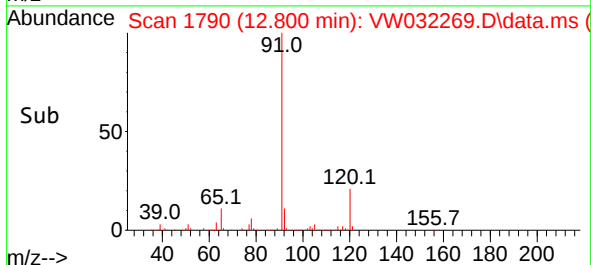
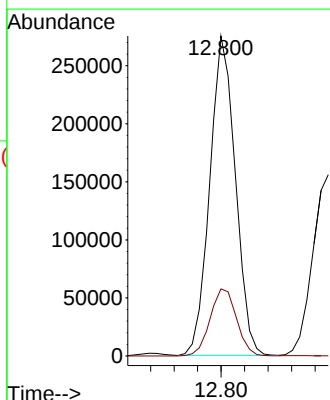
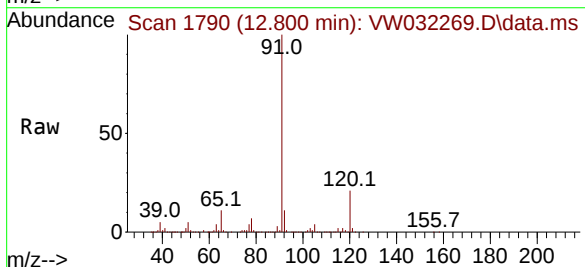
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0926SBS01

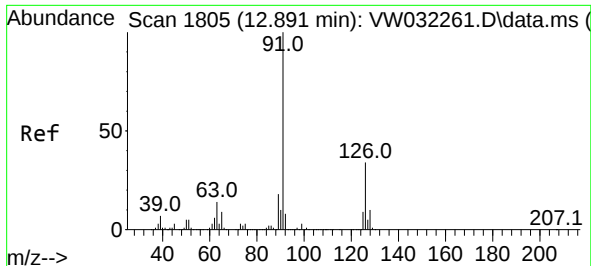
Tgt Ion:156 Resp: 77712
 Ion Ratio Lower Upper
 156 100
 77 218.6 103.3 309.8
 158 95.1 45.4 136.2



#78
 n-propylbenzene
 Concen: 21.290 ug/l
 RT: 12.800 min Scan# 1790
 Delta R.T. 0.000 min
 Lab File: VW032269.D
 Acq: 26 Sep 2025 10:08

Tgt Ion: 91 Resp: 415955
 Ion Ratio Lower Upper
 91 100
 120 21.8 10.9 32.9

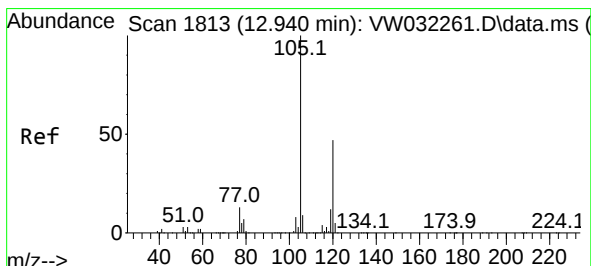
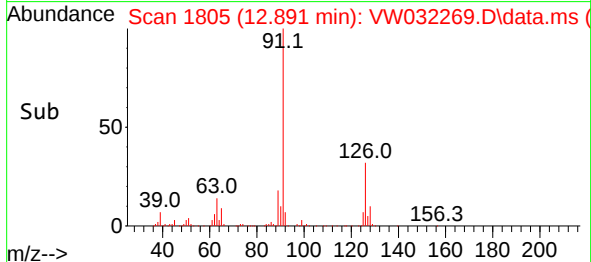
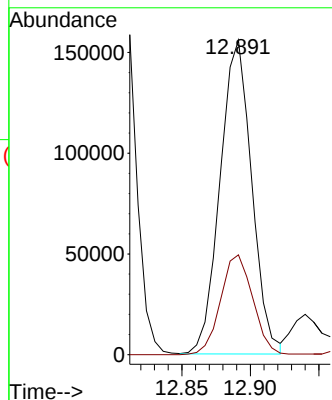
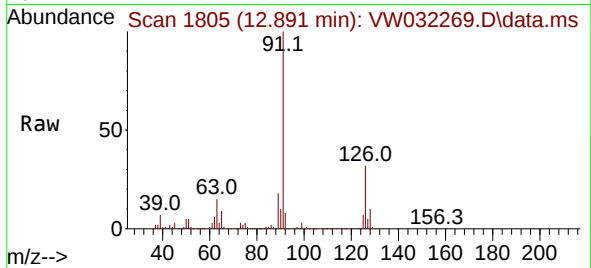




#79
2-Chlorotoluene
Concen: 21.147 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

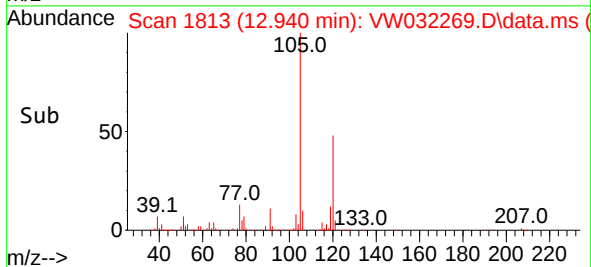
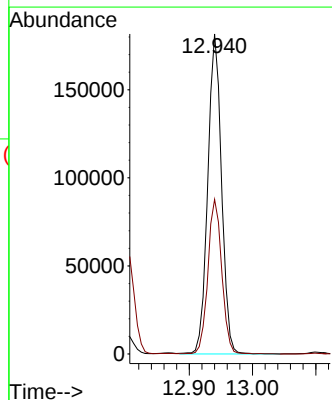
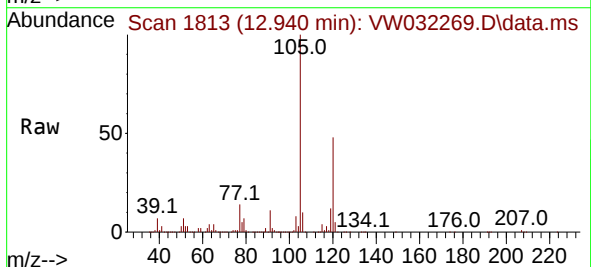
Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

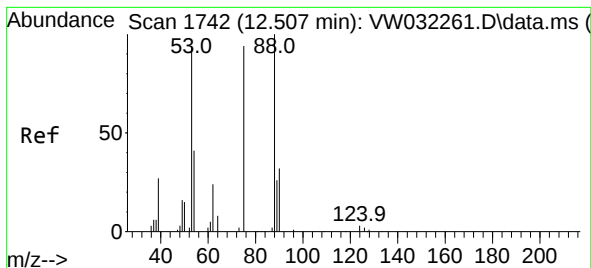
Tgt Ion: 91 Resp: 250287
Ion Ratio Lower Upper
91 100
126 32.5 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 20.687 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 105 Resp: 275113
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.2

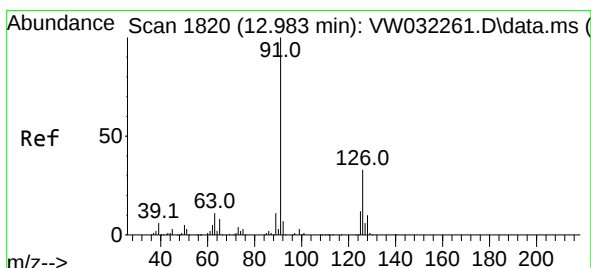
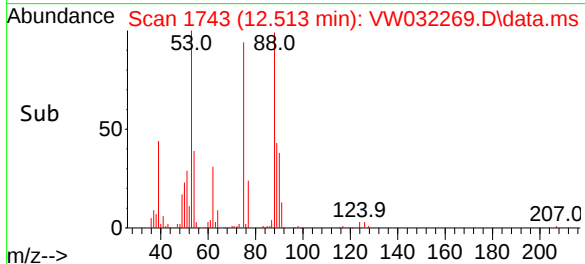
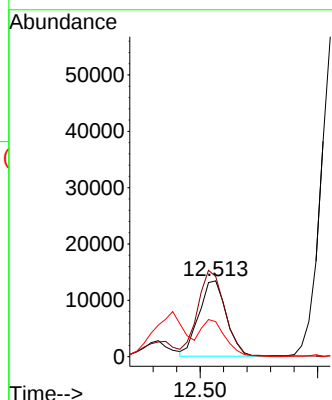
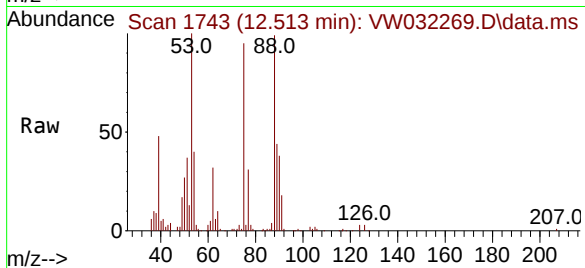




#81
trans-1,4-Dichloro-2-butene
Concen: 18.378 ug/l
RT: 12.513 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

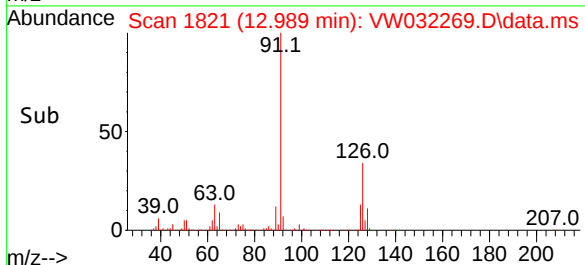
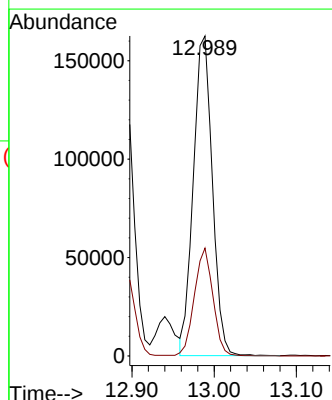
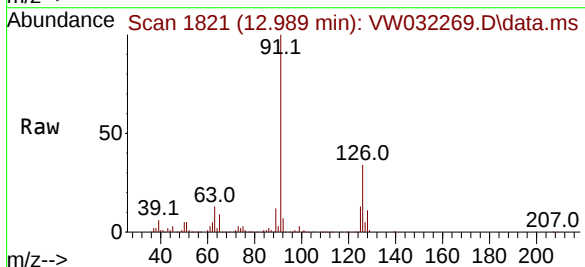
Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

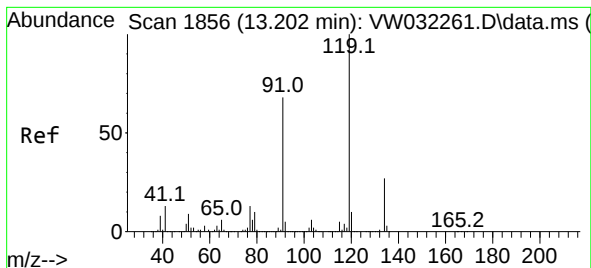
Tgt Ion: 75 Resp: 21754
Ion Ratio Lower Upper
75 100
53 112.1 81.4 122.2
89 43.9 35.4 53.2



#82
4-Chlorotoluene
Concen: 20.849 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 91 Resp: 260792
Ion Ratio Lower Upper
91 100
126 33.1 16.5 49.5

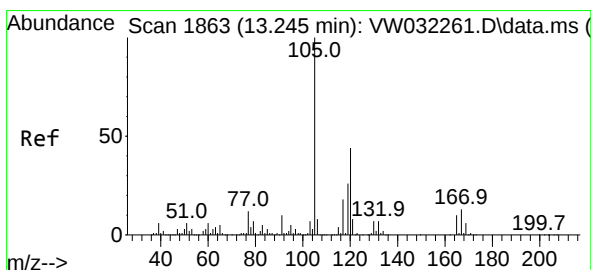
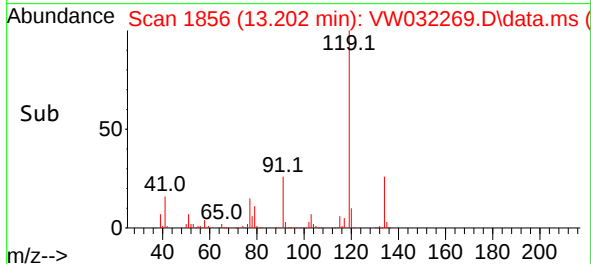
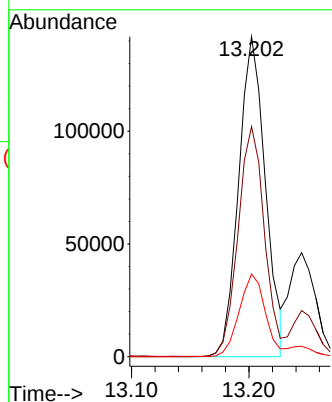
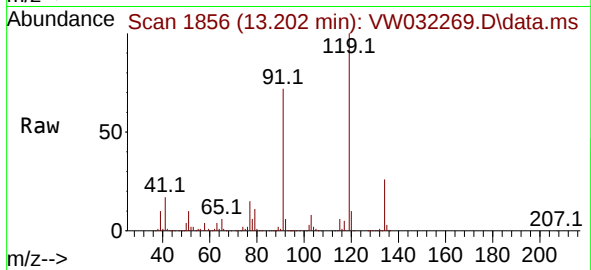




#83
tert-Butylbenzene
Concen: 20.159 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

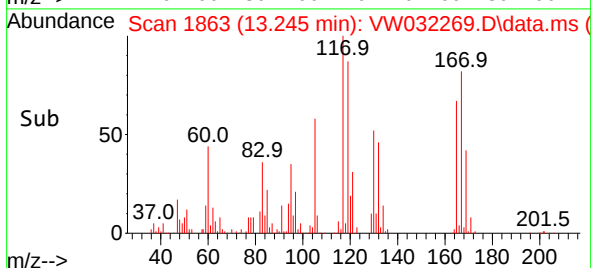
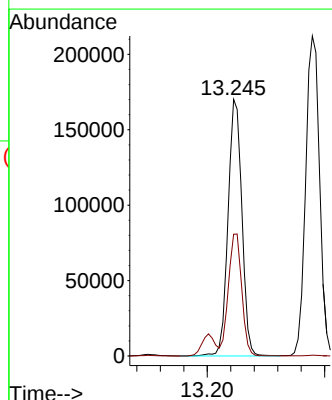
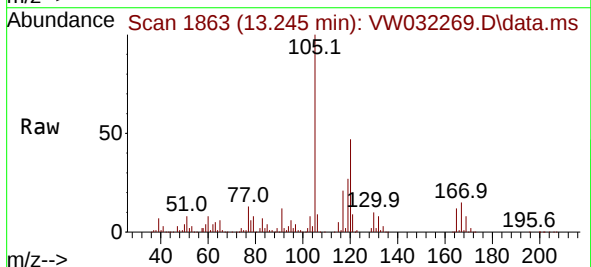
Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

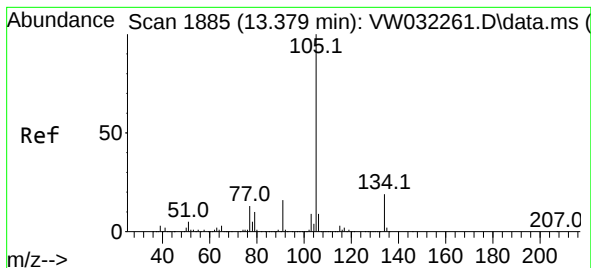
Tgt Ion:119 Resp: 224202
Ion Ratio Lower Upper
119 100
91 72.1 35.5 106.5
134 25.7 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 20.618 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion:105 Resp: 278390
Ion Ratio Lower Upper
105 100
120 45.8 22.8 68.3





#85

sec-Butylbenzene

Concen: 20.833 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VW032269.D

Acq: 26 Sep 2025 10:08

Instrument :

MSVOA_W

ClientSampleId :

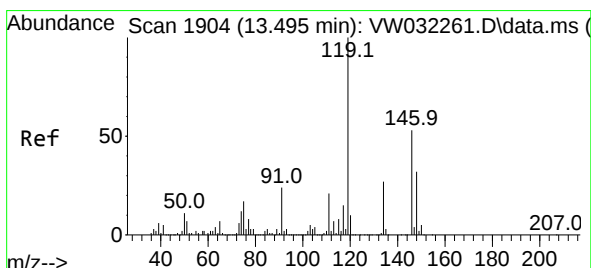
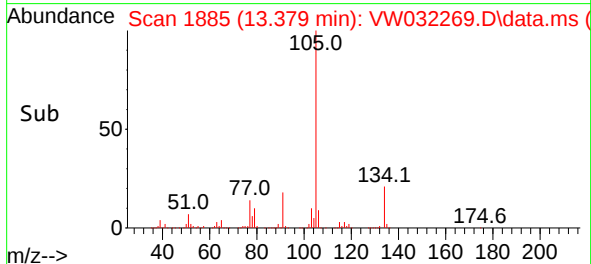
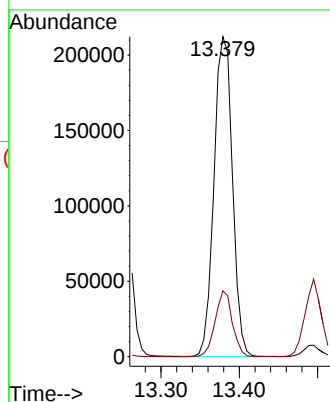
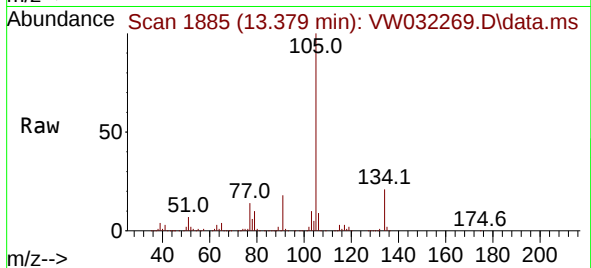
VW0926SBS01

Tgt Ion:105 Resp: 347938

Ion Ratio Lower Upper

105 100

134 19.2 9.8 29.5



#86

p-Isopropyltoluene

Concen: 20.974 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032269.D

Acq: 26 Sep 2025 10:08

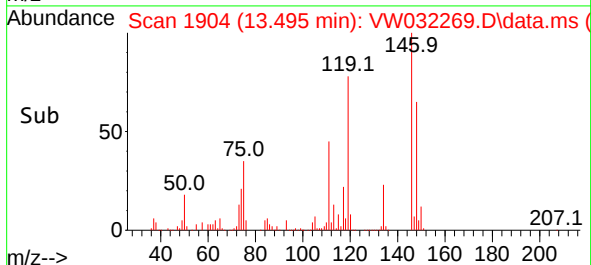
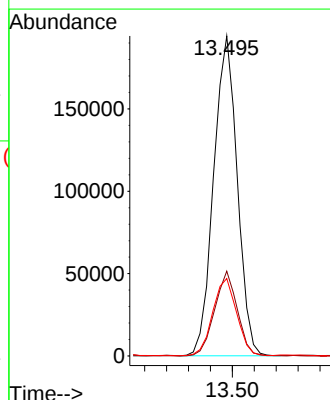
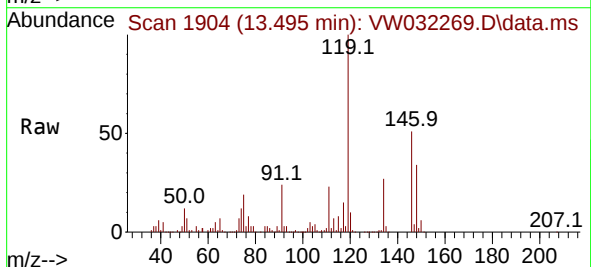
Tgt Ion:119 Resp: 290111

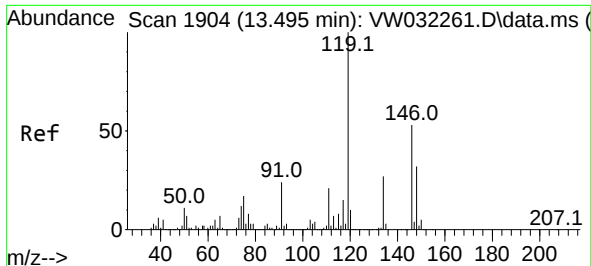
Ion Ratio Lower Upper

119 100

134 25.6 12.5 37.5

91 24.4 12.1 36.3

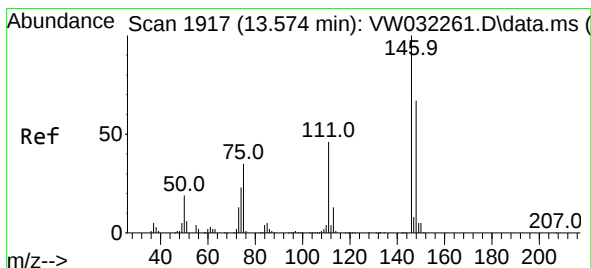
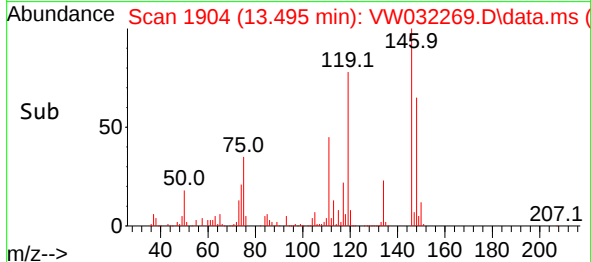
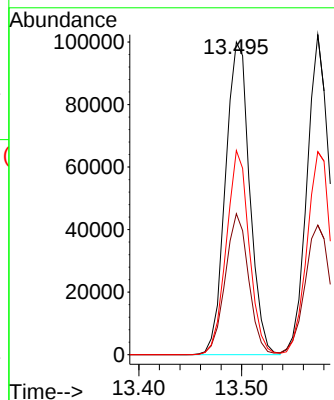
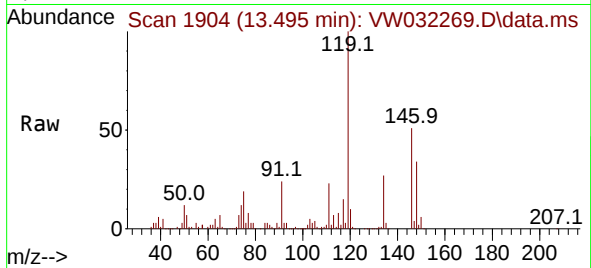




#87
 1,3-Dichlorobenzene
 Concen: 21.606 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW032269.D
 Acq: 26 Sep 2025 10:08

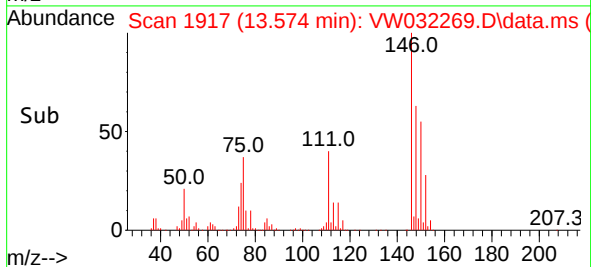
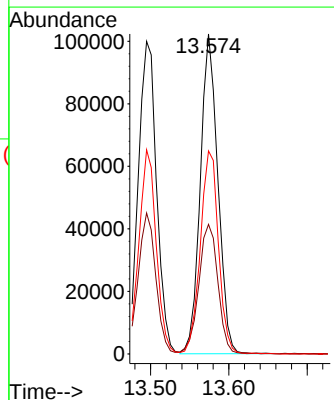
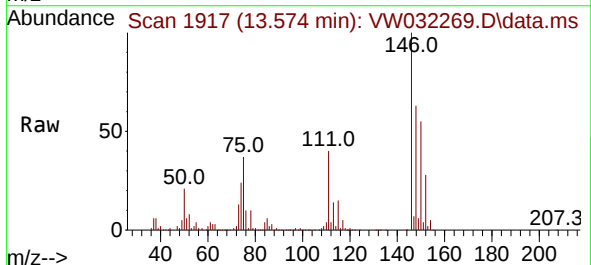
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0926SBS01

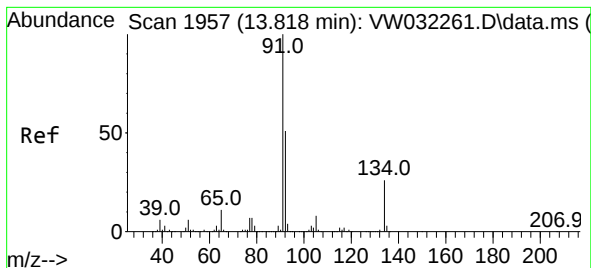
Tgt Ion:146 Resp: 163503
 Ion Ratio Lower Upper
 146 100
 111 43.6 21.9 65.5
 148 61.8 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 20.581 ug/l
 RT: 13.574 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: VW032269.D
 Acq: 26 Sep 2025 10:08

Tgt Ion:146 Resp: 159112
 Ion Ratio Lower Upper
 146 100
 111 44.5 22.4 67.2
 148 65.8 34.4 103.1





#89

n-Butylbenzene

Concen: 20.855 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032269.D

Acq: 26 Sep 2025 10:08

Instrument :

MSVOA_W

ClientSampleId :

VW0926SBS01

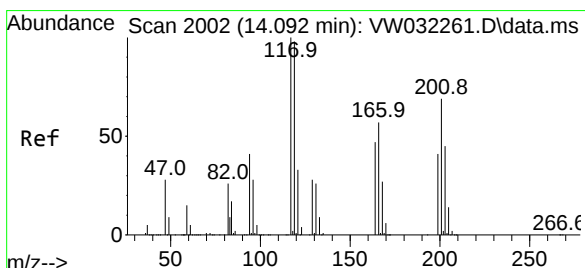
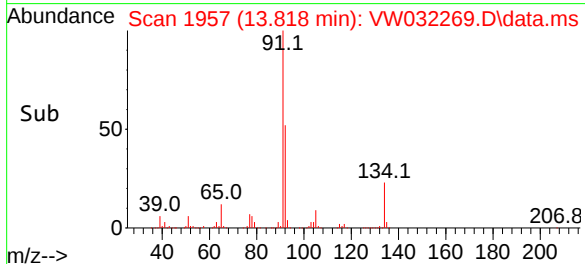
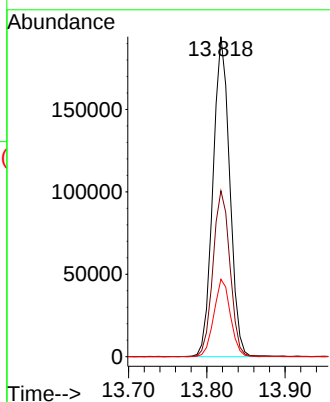
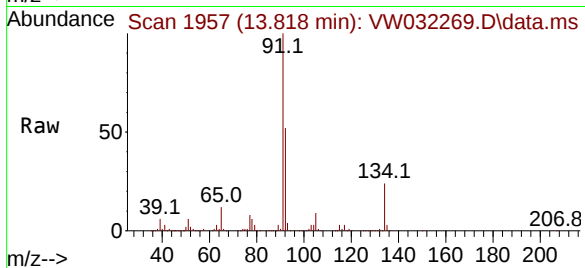
Tgt Ion: 91 Resp: 289490

Ion Ratio Lower Upper

91 100

92 52.4 26.7 80.1

134 23.8 12.3 36.8



#90

Hexachloroethane

Concen: 20.770 ug/l

RT: 14.092 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VW032269.D

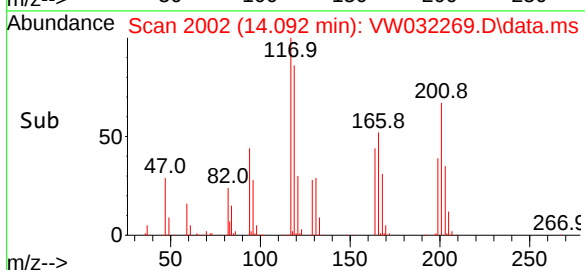
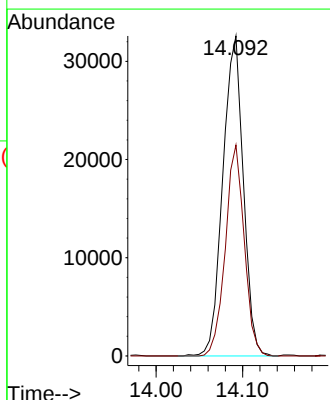
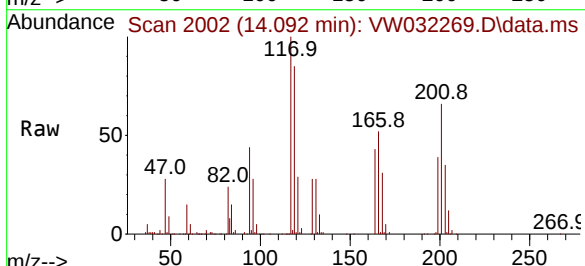
Acq: 26 Sep 2025 10:08

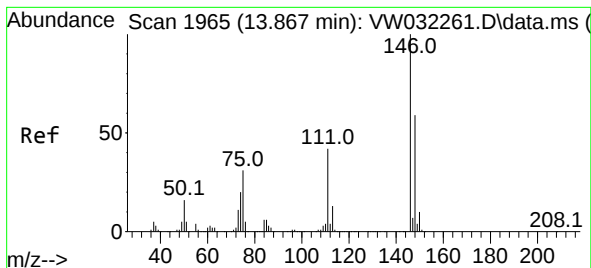
Tgt Ion: 117 Resp: 53545

Ion Ratio Lower Upper

117 100

201 60.8 31.4 94.0

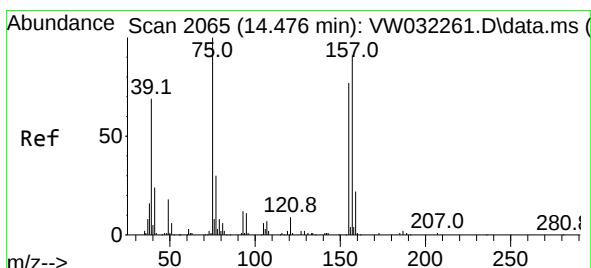
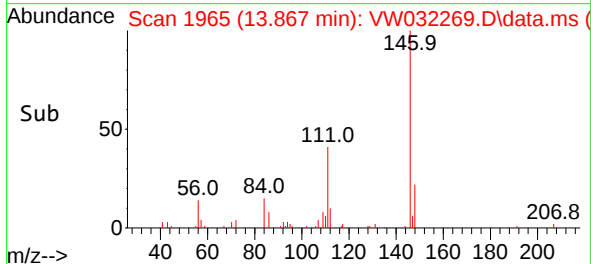
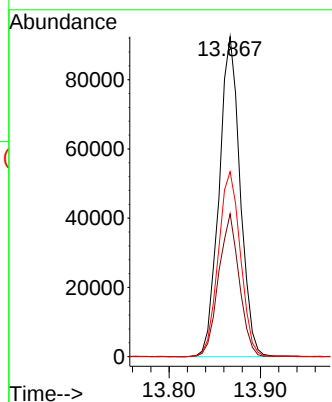
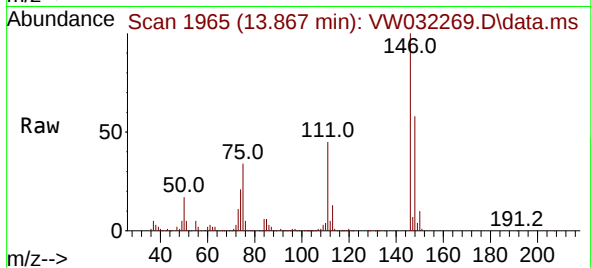




#91
1,2-Dichlorobenzene
Concen: 20.903 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

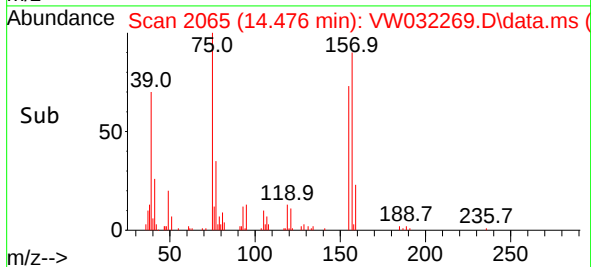
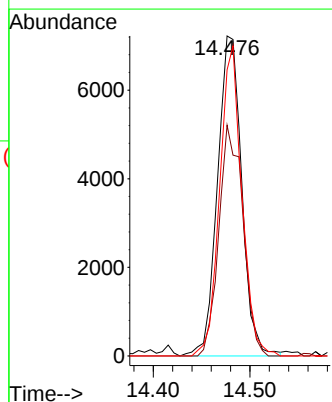
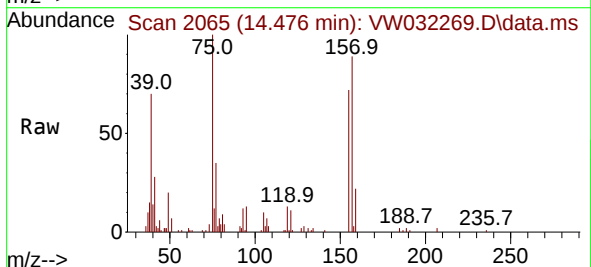
Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

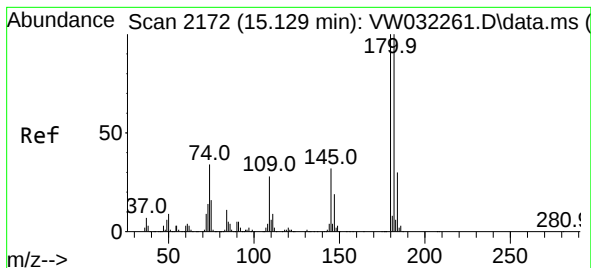
Tgt Ion:146 Resp: 147974
Ion Ratio Lower Upper
146 100
111 43.7 21.9 65.8
148 60.9 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.990 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 75 Resp: 12549
Ion Ratio Lower Upper
75 100
155 71.5 38.2 114.6
157 88.5 47.0 141.0





#93

1,2,4-Trichlorobenzene

Concen: 19.780 ug/l

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW032269.D

Acq: 26 Sep 2025 10:08

Instrument :

MSVOA_W

ClientSampleId :

VW0926SBS01

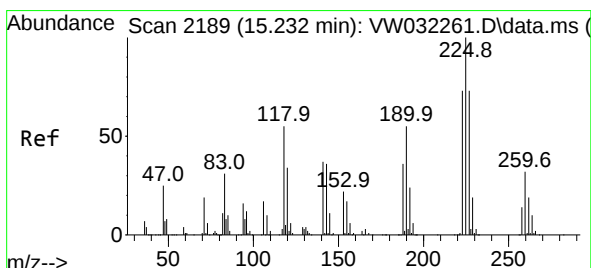
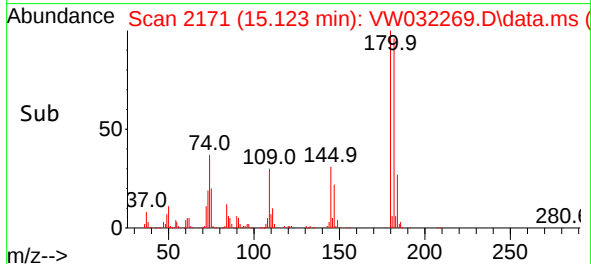
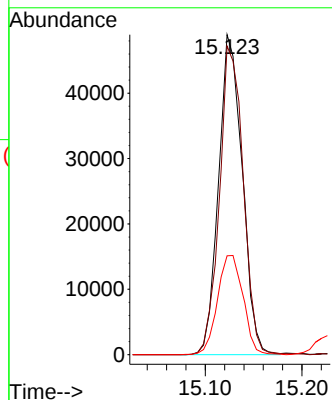
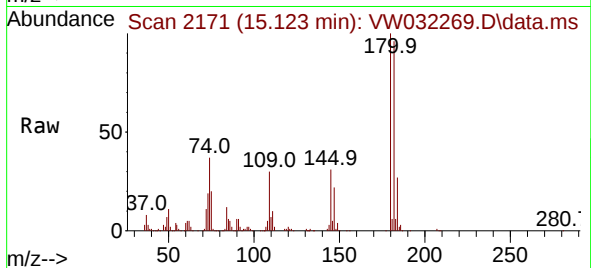
Tgt Ion:180 Resp: 83072

Ion Ratio Lower Upper

180 100

182 96.9 48.4 145.3

145 33.6 16.9 50.7



#94

Hexachlorobutadiene

Concen: 21.539 ug/l

RT: 15.232 min Scan# 2189

Delta R.T. 0.000 min

Lab File: VW032269.D

Acq: 26 Sep 2025 10:08

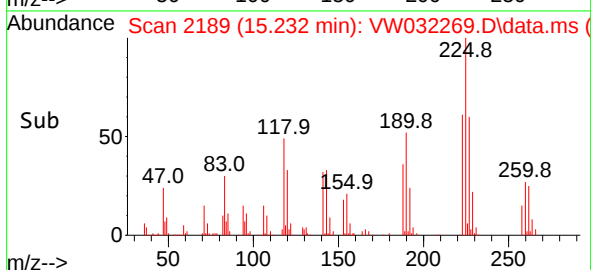
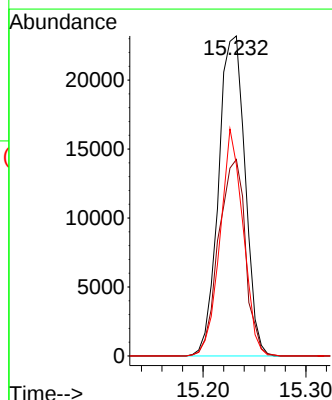
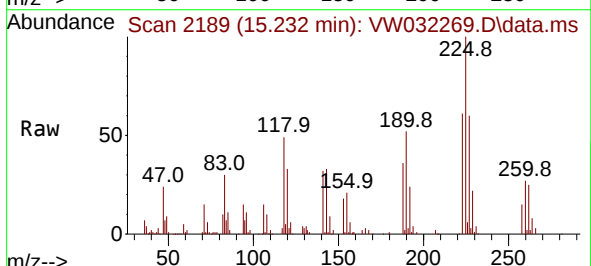
Tgt Ion:225 Resp: 41545

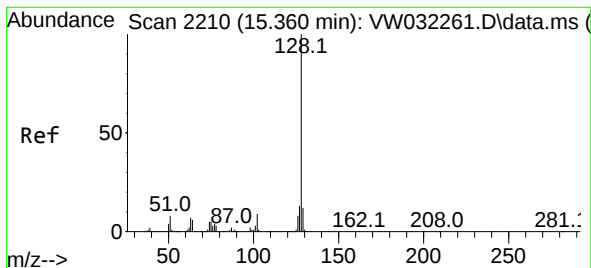
Ion Ratio Lower Upper

225 100

223 62.1 36.4 109.2

227 61.6 36.4 109.2





#95

Naphthalene

Concen: 18.725 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW032269.D

Acq: 26 Sep 2025 10:08

Instrument :

MSVOA_W

ClientSampleId :

VW0926SBS01

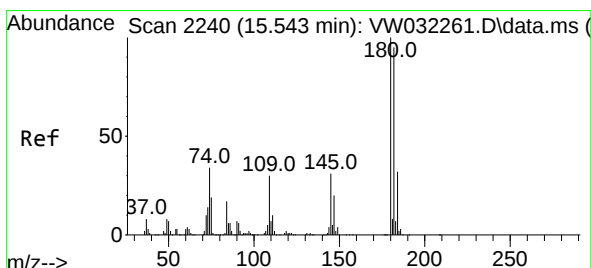
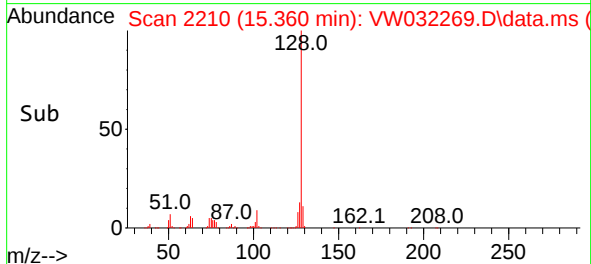
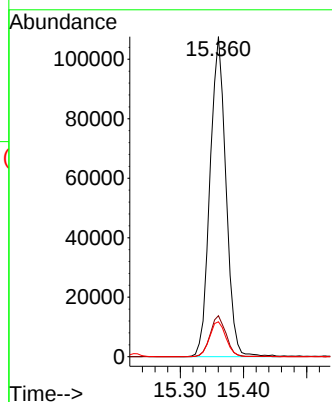
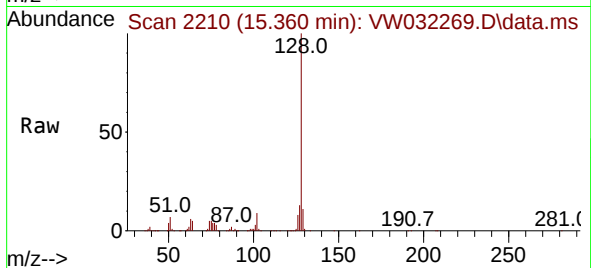
Tgt Ion:128 Resp: 188745

Ion Ratio Lower Upper

128 100

127 12.7 10.6 15.8

129 11.3 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 19.141 ug/l

RT: 15.543 min Scan# 2240

Delta R.T. 0.000 min

Lab File: VW032269.D

Acq: 26 Sep 2025 10:08

Tgt Ion:180 Resp: 74748

Ion Ratio Lower Upper

180 100

182 99.6 45.5 136.4

145 37.7 18.1 54.1

