

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111825\
 Data File : VW032471.D
 Acq On : 18 Nov 2025 11:02
 Operator : SY/MD
 Sample : VW1118SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1118SBS01

Quant Time: Nov 19 00:25:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	367695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	692034	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	614192	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	277057	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	247225	52.152	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 104.300%	
35) Dibromofluoromethane	7.904	113	209098	50.466	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 100.940%	
50) Toluene-d8	10.325	98	814032	51.212	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 102.420%	
62) 4-Bromofluorobenzene	12.617	95	298194	49.661	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 99.320%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.040	85	40835	21.889	ug/l	94
3) Chloromethane	2.253	50	70404	22.017	ug/l	99
4) Vinyl Chloride	2.405	62	90715	22.479	ug/l	95
5) Bromomethane	2.820	94	60053	22.246	ug/l	97
6) Chloroethane	2.966	64	57168	21.652	ug/l	99
7) Trichlorofluoromethane	3.308	101	70047	22.138	ug/l	92
8) Diethyl Ether	3.716	74	53653	20.741	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.100	101	78214	22.693	ug/l	98
10) Methyl Iodide	4.307	142	117653	21.194	ug/l	98
11) Tert butyl alcohol	5.216	59	44484	108.522	ug/l	100
12) 1,1-Dichloroethene	4.076	96	88001	22.266	ug/l	100
13) Acrolein	3.929	56	61188	88.969	ug/l	98
14) Allyl chloride	4.704	41	164742	21.676	ug/l	98
15) Acrylonitrile	5.405	53	158572	106.019	ug/l	98
16) Acetone	4.161	43	148438	104.664	ug/l	98
17) Carbon Disulfide	4.417	76	251424	21.524	ug/l	98
18) Methyl Acetate	4.710	43	70239	20.000	ug/l	100
19) Methyl tert-butyl Ether	5.466	73	172461	20.701	ug/l	100
20) Methylene Chloride	4.954	84	119594	23.580	ug/l	98
21) trans-1,2-Dichloroethene	5.460	96	99851	22.095	ug/l	93
22) Diisopropyl ether	6.344	45	347227	22.439	ug/l	96
23) Vinyl Acetate	6.283	43	1145335	108.030	ug/l	98
24) 1,1-Dichloroethane	6.246	63	191582	22.597	ug/l	99
25) 2-Butanone	7.191	43	211255	101.107	ug/l	97
26) 2,2-Dichloropropane	7.185	77	106084	22.452	ug/l	97
27) cis-1,2-Dichloroethene	7.191	96	116504	21.576	ug/l	97
28) Bromochloromethane	7.532	49	91167	22.751	ug/l	95
29) Tetrahydrofuran	7.557	42	140552	105.984	ug/l	98
30) Chloroform	7.697	83	188461	22.707	ug/l	98
31) Cyclohexane	7.965	56	172748	22.027	ug/l	91
32) 1,1,1-Trichloroethane	7.886	97	131999	22.263	ug/l	98
36) 1,1-Dichloropropene	8.093	75	136205	22.311	ug/l	98
37) Ethyl Acetate	7.276	43	95805	21.105	ug/l	99
38) Carbon Tetrachloride	8.081	117	122018	22.494	ug/l	89
39) Methylcyclohexane	9.343	83	164638	20.818	ug/l	91
40) Benzene	8.337	78	428421	21.792	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	49368	19.797	ug/l	97
42) 1,2-Dichloroethane	8.410	62	126122	21.841	ug/l	99
43) Isopropyl Acetate	8.435	43	164319	20.442	ug/l	99
44) Trichloroethene	9.099	130	97571	21.328	ug/l	98
45) 1,2-Dichloropropane	9.374	63	106607	21.777	ug/l	98
46) Dibromomethane	9.465	93	62759	21.939	ug/l	97
47) Bromodichloromethane	9.654	83	139764	21.418	ug/l	97
48) Methyl methacrylate	9.441	41	73924	19.354	ug/l	95
49) 1,4-Dioxane	9.465	88	16943	422.790	ug/l #	97
51) 4-Methyl-2-Pentanone	10.215	43	469930	105.753	ug/l	99
52) Toluene	10.392	92	266368	21.935	ug/l	98
53) t-1,3-Dichloropropene	10.611	75	137060	20.395	ug/l	97
54) cis-1,3-Dichloropropene	10.081	75	161937	20.837	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	83014	21.154	ug/l	98
56) Ethyl methacrylate	10.648	69	118441	19.670	ug/l	98
57) 1,3-Dichloropropane	10.934	76	150752	21.508	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	334590	104.343	ug/l	100
59) 2-Hexanone	10.971	43	328281	100.974	ug/l	97
60) Dibromochloromethane	11.136	129	90803	20.720	ug/l	99
61) 1,2-Dibromoethane	11.239	107	79907	20.906	ug/l	99
64) Tetrachloroethene	10.861	164	76983	21.166	ug/l	92
65) Chlorobenzene	11.654	112	284215	21.470	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.733	131	85505	20.871	ug/l	97
67) Ethyl Benzene	11.727	91	501618	21.899	ug/l	99
68) m/p-Xylenes	11.837	106	381526	44.363	ug/l	99
69) o-Xylene	12.166	106	174487	21.189	ug/l	100
70) Styrene	12.178	104	310384	21.911	ug/l	100
71) Bromoform	12.343	173	46921	19.336	ug/l #	98
73) Isopropylbenzene	12.458	105	440952	21.670	ug/l	100
74) N-amyl acetate	12.269	43	149690	21.170	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.708	83	107453	22.251	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	132497	34.878	ug/l	37
77) Bromobenzene	12.745	156	102986	21.376	ug/l	92
78) n-propylbenzene	12.800	91	559230	22.568	ug/l	100
79) 2-Chlorotoluene	12.891	91	340426	22.504	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	374042	22.281	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.507	75	33213	20.025	ug/l	92
82) 4-Chlorotoluene	12.989	91	355073	22.568	ug/l	100
83) tert-Butylbenzene	13.202	119	315255	21.588	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	383766	22.476	ug/l	100
85) sec-Butylbenzene	13.379	105	481804	22.154	ug/l	99
86) p-Isopropyltoluene	13.495	119	401289	22.347	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	205534	22.502	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	202383	21.627	ug/l	95
89) n-Butylbenzene	13.818	91	385664	21.984	ug/l	98
90) Hexachloroethane	14.086	117	71838	22.189	ug/l	96
91) 1,2-Dichlorobenzene	13.867	146	181954	21.700	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.476	75	16497	19.830	ug/l	96
93) 1,2,4-Trichlorobenzene	15.129	180	106304	19.922	ug/l	92
94) Hexachlorobutadiene	15.232	225	45508	20.531	ug/l	90
95) Naphthalene	15.360	128	256327	19.263	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	99190	20.475	ug/l	96

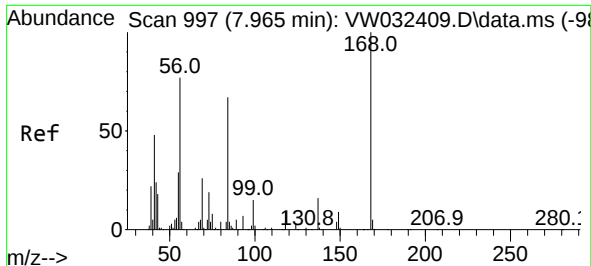
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Response via : Initial Calibration

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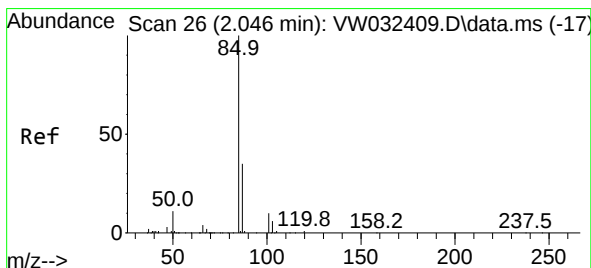
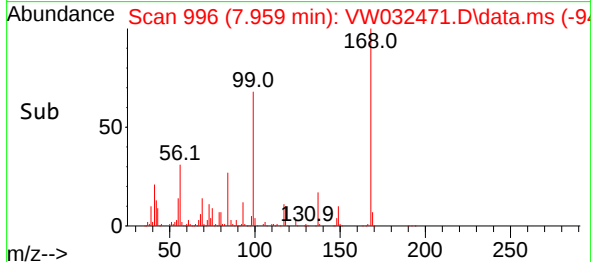
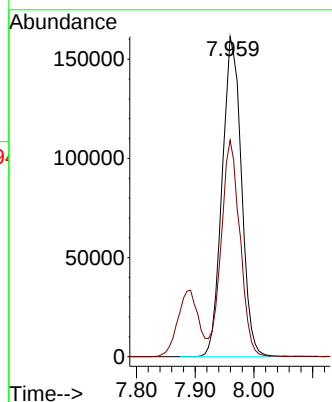
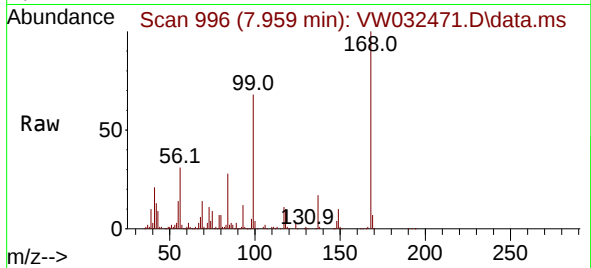
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
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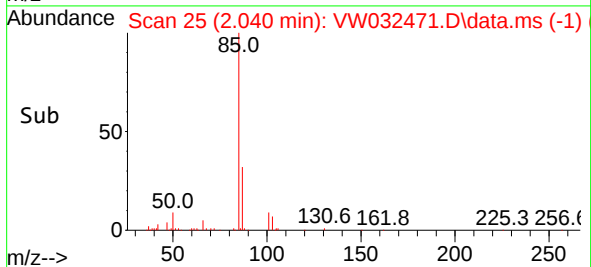
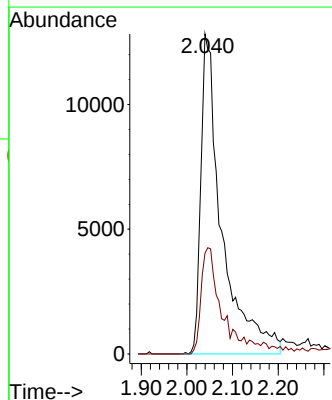
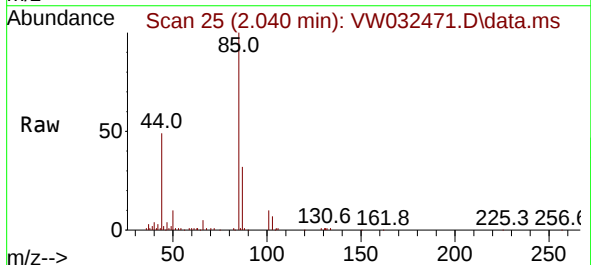
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBSD01

Tgt Ion:168 Resp: 367695
Ion Ratio Lower Upper
168 100
99 67.5 45.4 68.2



#2
Dichlorodifluoromethane
Concen: 21.889 ug/l
RT: 2.040 min Scan# 25
Delta R.T. -0.006 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

Tgt Ion: 85 Resp: 40835
Ion Ratio Lower Upper
85 100
87 31.5 17.4 52.2

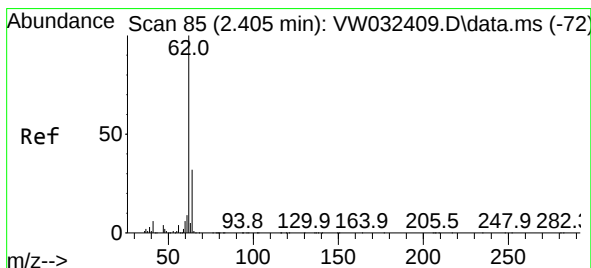
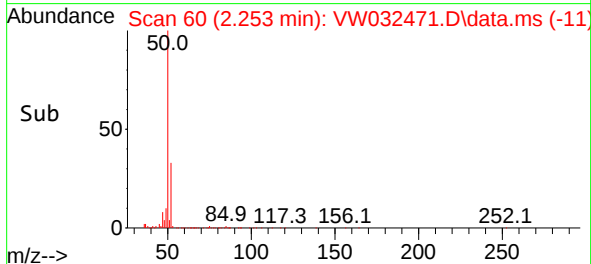
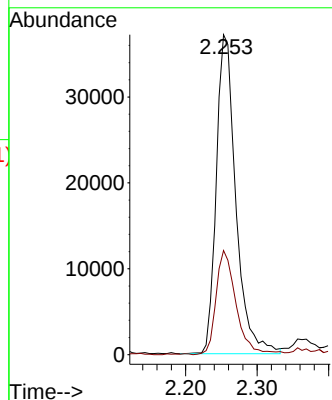
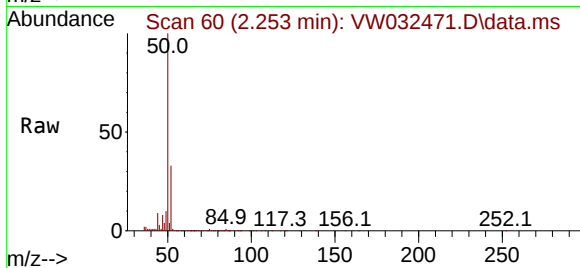




#3
Chloromethane
Concen: 22.017 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

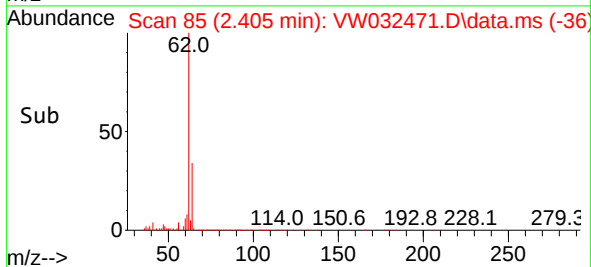
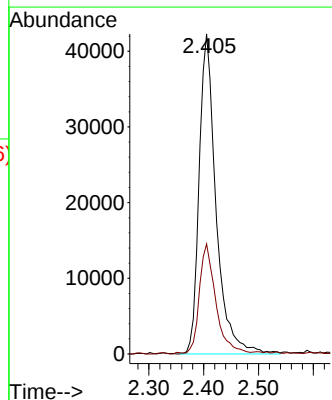
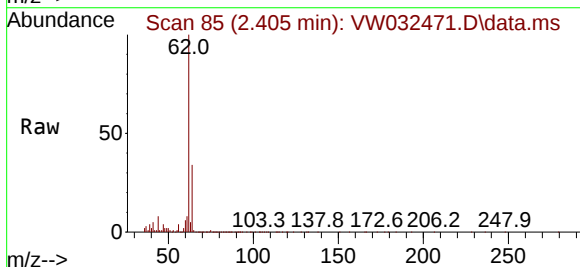
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBSD01

Tgt Ion: 50 Resp: 70404
Ion Ratio Lower Upper
50 100
52 32.3 25.5 38.3



#4
Vinyl Chloride
Concen: 22.479 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

Tgt Ion: 62 Resp: 90715
Ion Ratio Lower Upper
62 100
64 34.1 25.2 37.8

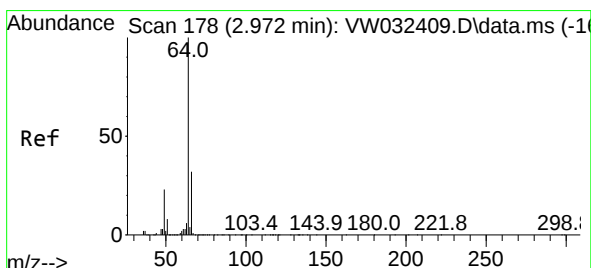
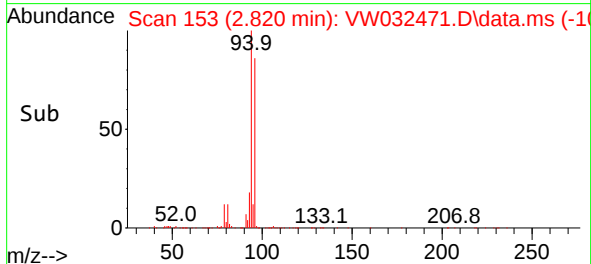
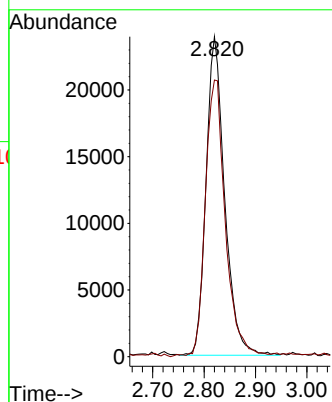
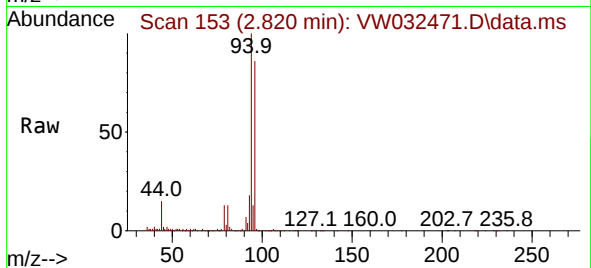




#5
Bromomethane
Concen: 22.246 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

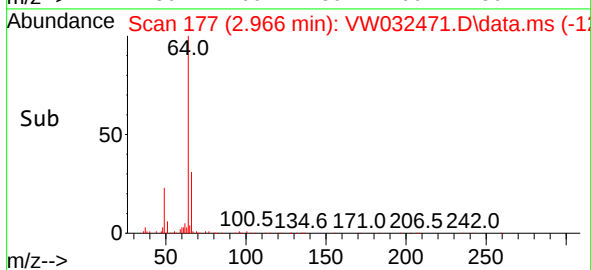
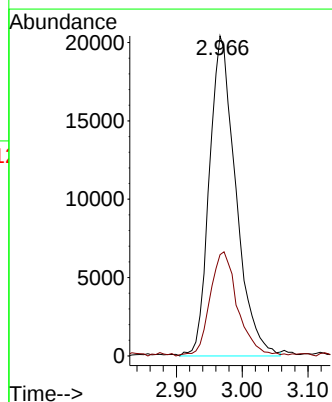
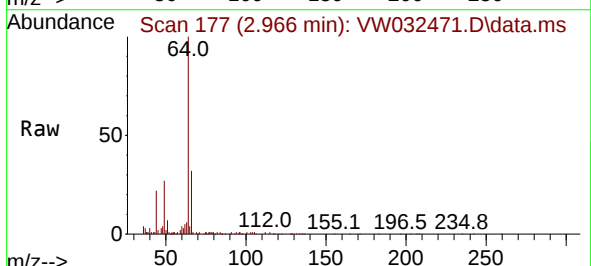
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ClientSampleId :
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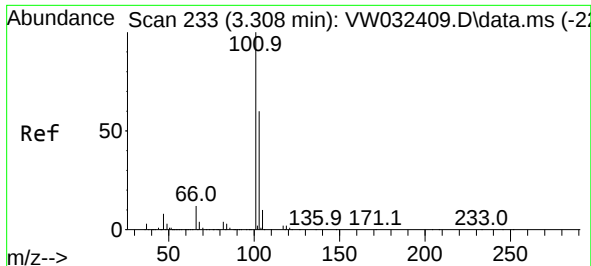
Tgt Ion: 94 Resp: 60053
Ion Ratio Lower Upper
94 100
96 86.2 71.4 107.2



#6
Chloroethane
Concen: 21.652 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

Tgt Ion: 64 Resp: 57168
Ion Ratio Lower Upper
64 100
66 31.3 25.6 38.4

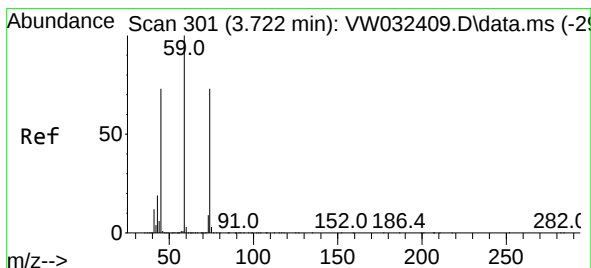
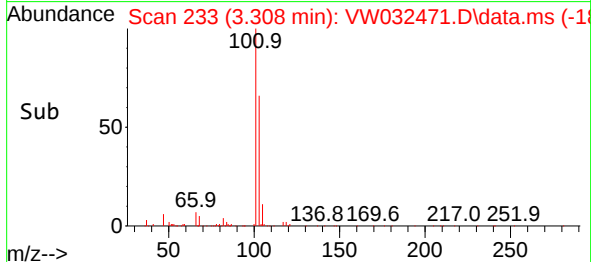
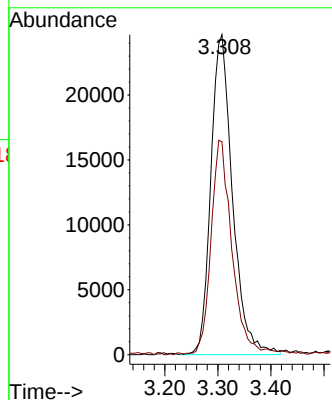
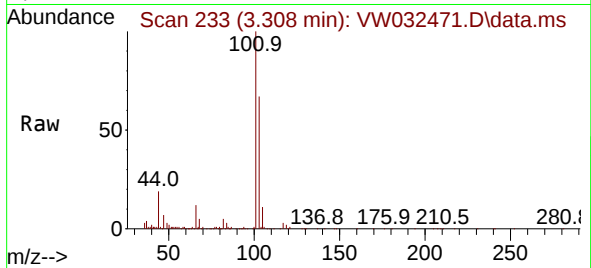




#7
Trichlorofluoromethane
Concen: 22.138 ug/l
RT: 3.308 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW032471.D
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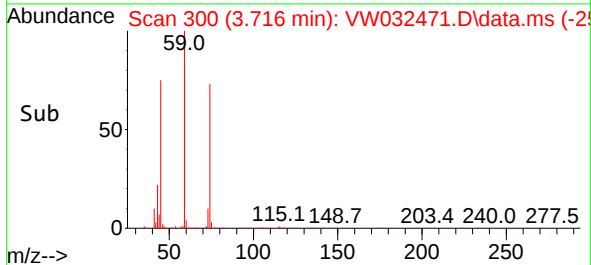
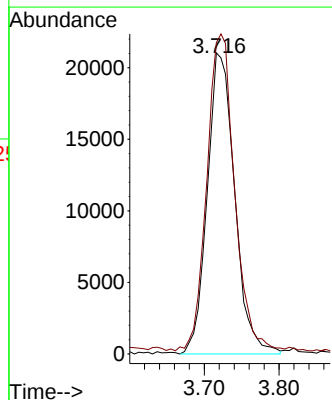
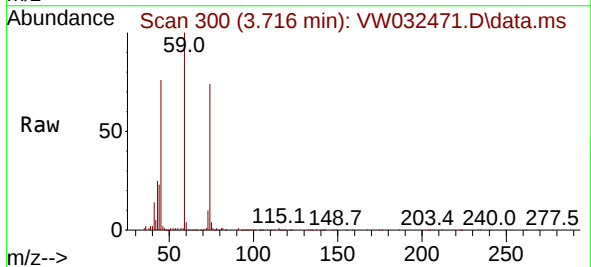
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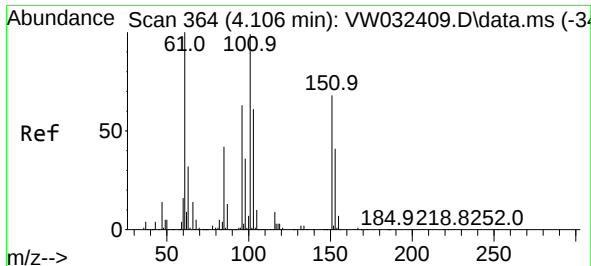
Tgt Ion:101 Resp: 70047
Ion Ratio Lower Upper
101 100
103 66.0 48.0 72.0



#8
Diethyl Ether
Concen: 20.741 ug/l
RT: 3.716 min Scan# 300
Delta R.T. -0.006 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

Tgt Ion: 74 Resp: 53653
Ion Ratio Lower Upper
74 100
45 105.9 51.8 155.4

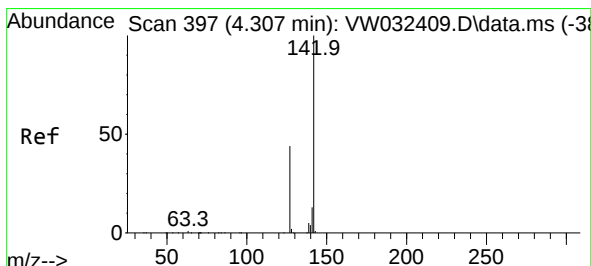
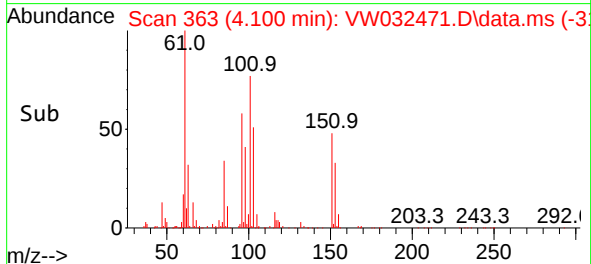
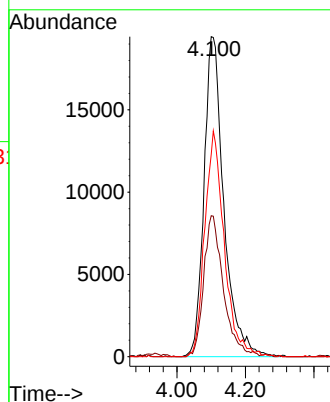
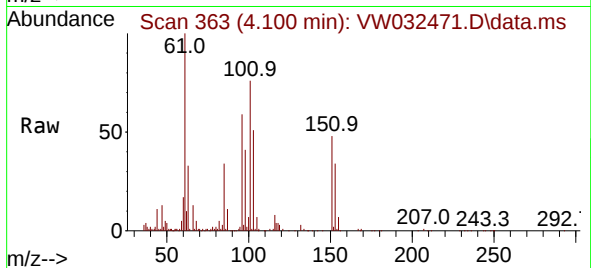




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.693 ug/l
RT: 4.100 min Scan# 364
Delta R.T. -0.006 min
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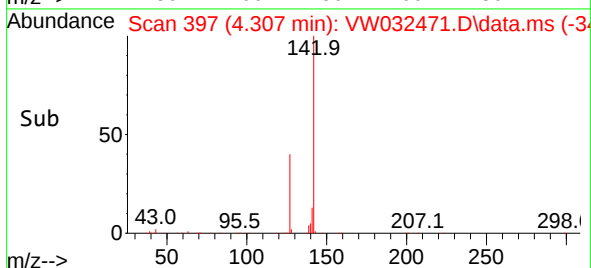
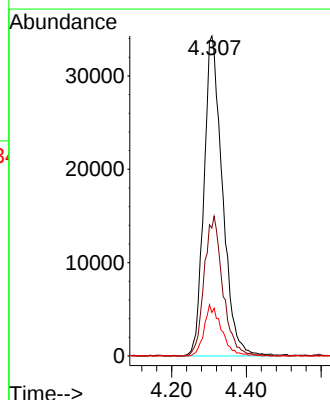
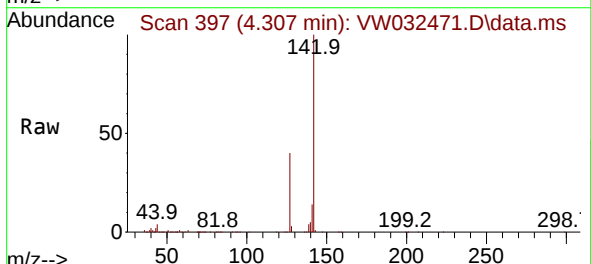
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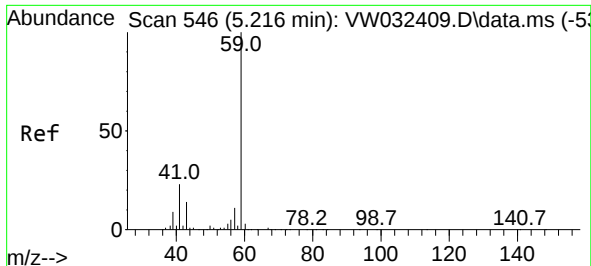
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Ion Ratio Lower Upper
101 100
85 43.9 34.1 51.1
151 69.2 56.4 84.6



#10
Methyl Iodide
Concen: 21.194 ug/l
RT: 4.307 min Scan# 397
Delta R.T. 0.000 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

Tgt Ion:142 Resp: 117653
Ion Ratio Lower Upper
142 100
127 44.0 34.2 51.2
141 15.1 11.8 17.8

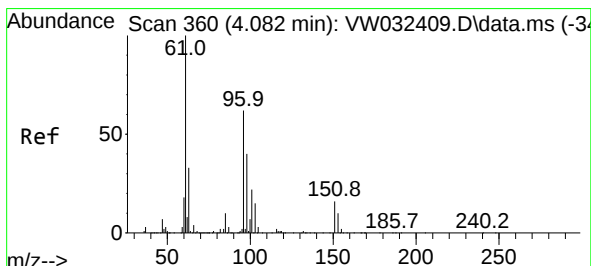
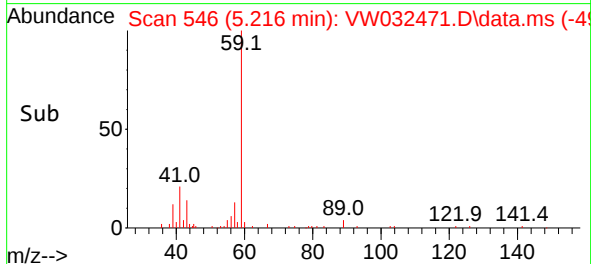
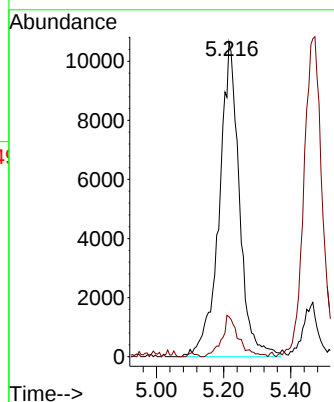
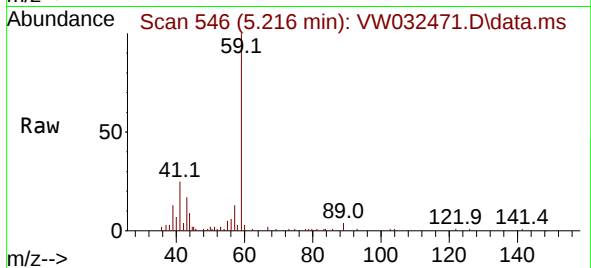




#11
Tert butyl alcohol
Concen: 108.522 ug/l
RT: 5.216 min Scan# 546
Delta R.T. 0.000 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

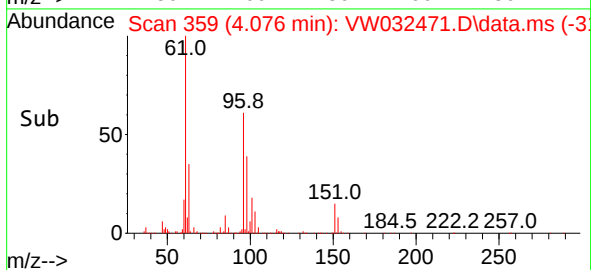
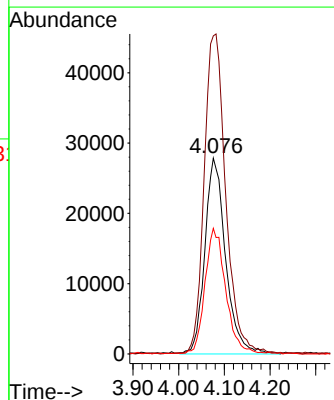
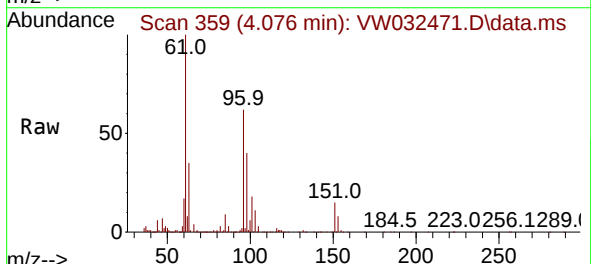
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBSD01

Tgt Ion: 59 Resp: 44484
Ion Ratio Lower Upper
59 100
57 10.9 8.6 12.8



#12
1,1-Dichloroethene
Concen: 22.266 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

Tgt Ion: 96 Resp: 88001
Ion Ratio Lower Upper
96 100
61 161.7 129.0 193.6
98 63.9 51.1 76.7

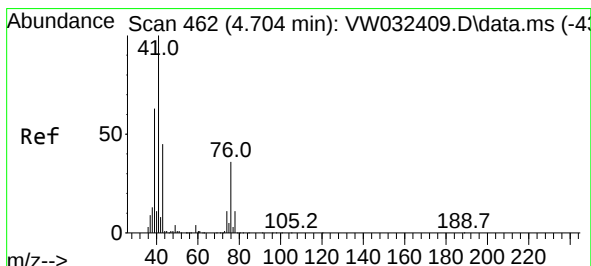
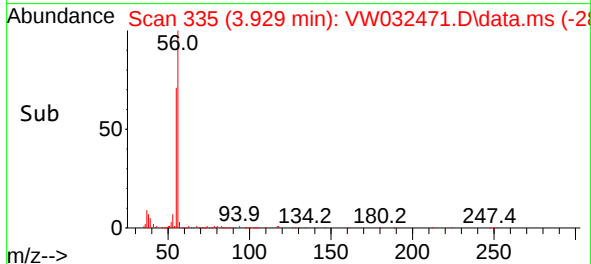
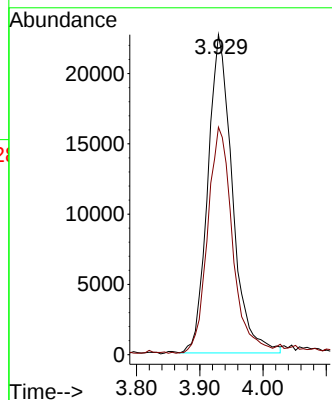
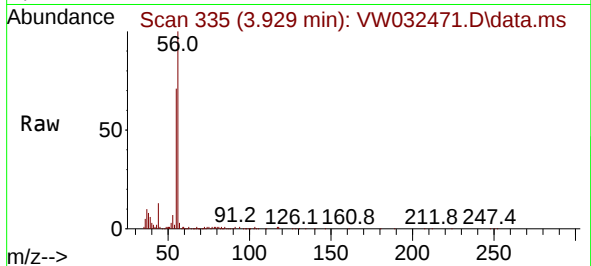




#13
Acrolein
Concen: 88.969 ug/l
RT: 3.929 min Scan# 311
Delta R.T. 0.000 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

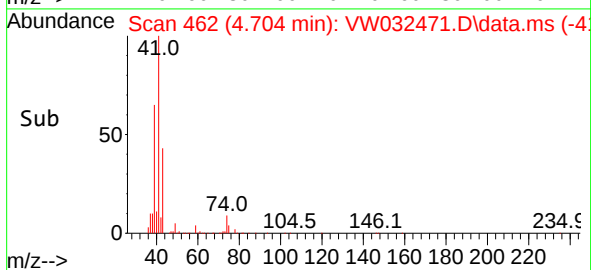
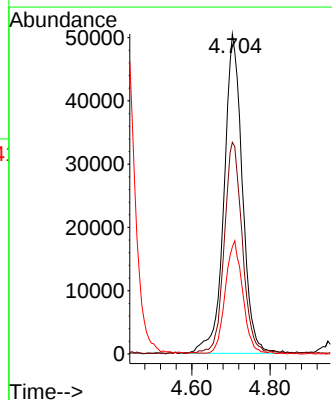
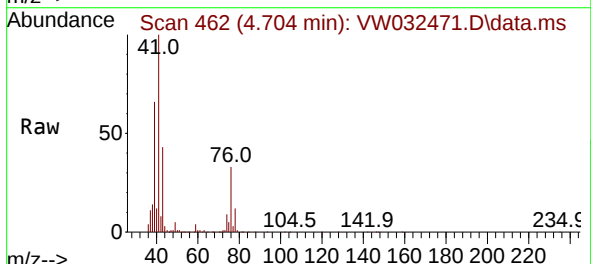
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBSD01

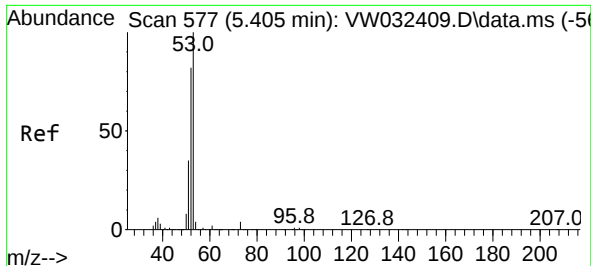
Tgt Ion: 56 Resp: 61188
Ion Ratio Lower Upper
56 100
55 71.8 56.3 84.5



#14
Allyl chloride
Concen: 21.676 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

Tgt Ion: 41 Resp: 164742
Ion Ratio Lower Upper
41 100
39 65.3 50.2 75.2
76 33.4 27.0 40.6



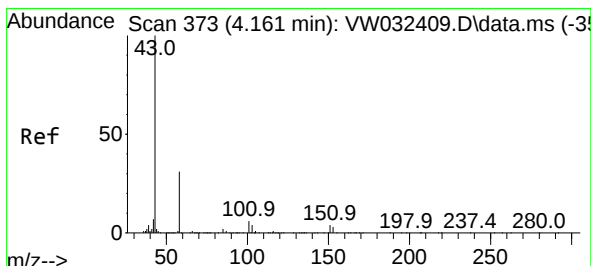
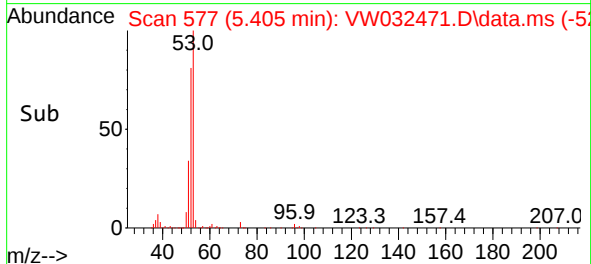
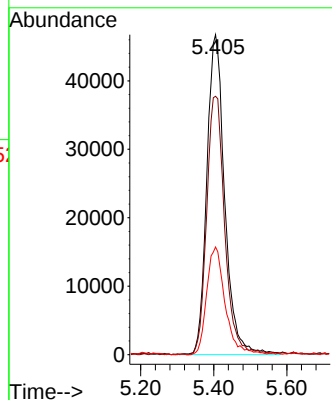
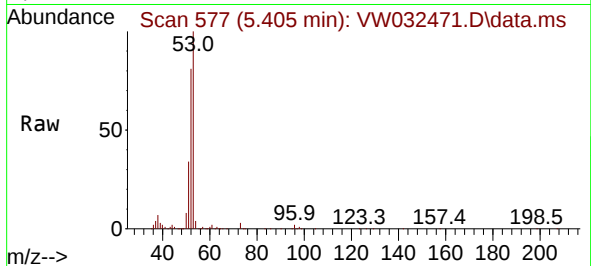


#15
Acrylonitrile
Concen: 106.019 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

Instrument :
MSVOA_W
ClientSampleId :
VW1118SBSD01

Tgt Ion: 53 Resp: 158572

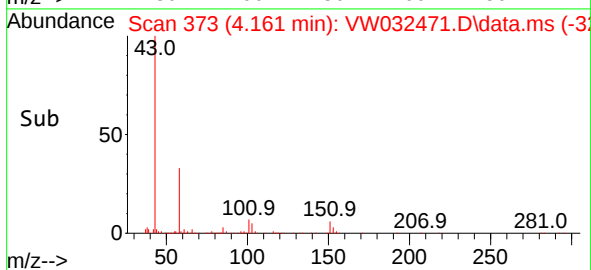
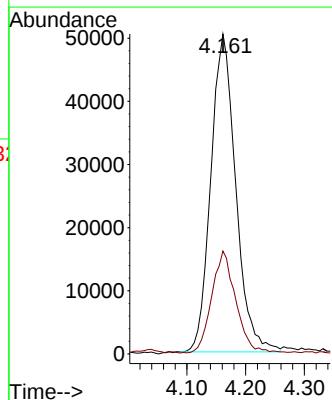
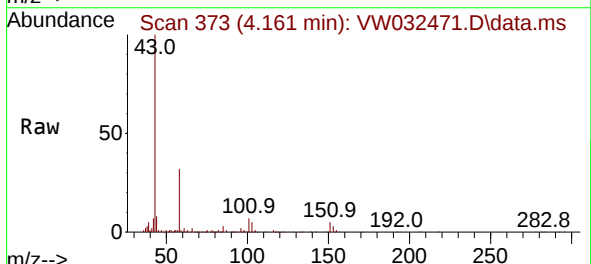
Ion	Ratio	Lower	Upper
53	100		
52	81.6	66.4	99.6
51	34.8	28.6	43.0

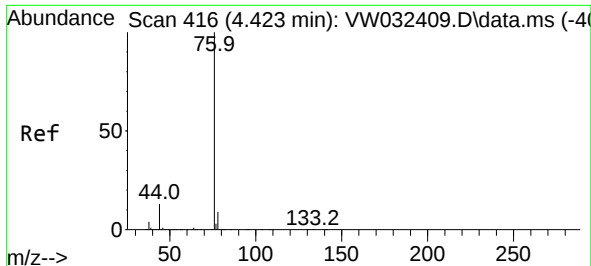


#16
Acetone
Concen: 104.664 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

Tgt Ion: 43 Resp: 148438

Ion	Ratio	Lower	Upper
43	100		
58	32.1	24.8	37.2

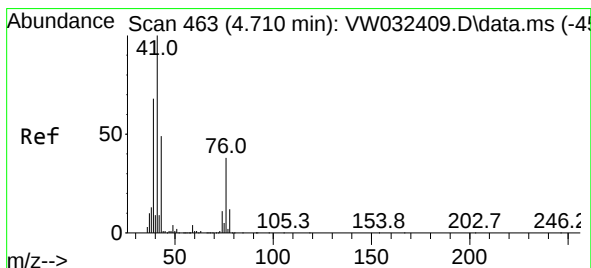
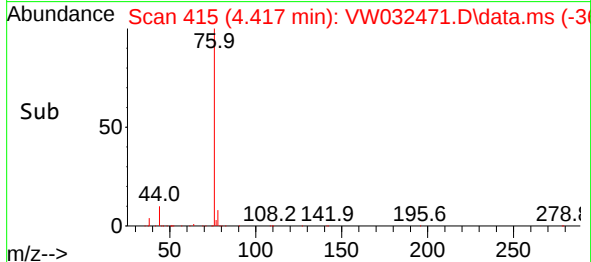
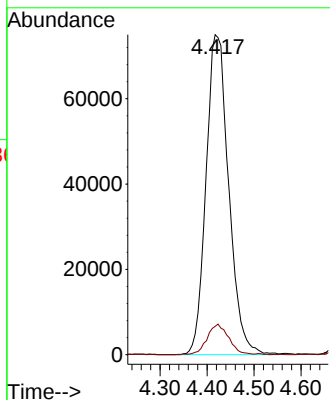
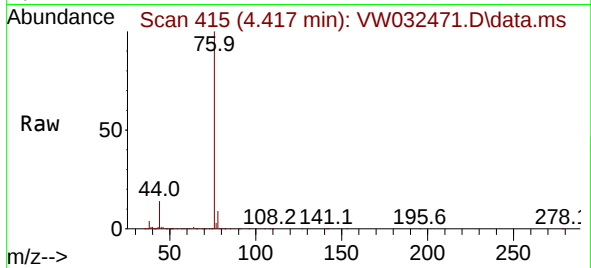




#17
Carbon Disulfide
Concen: 21.524 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

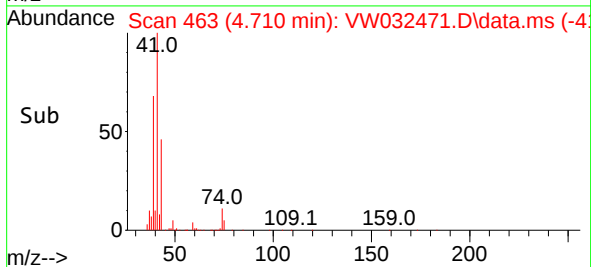
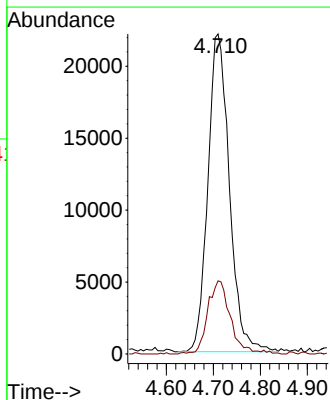
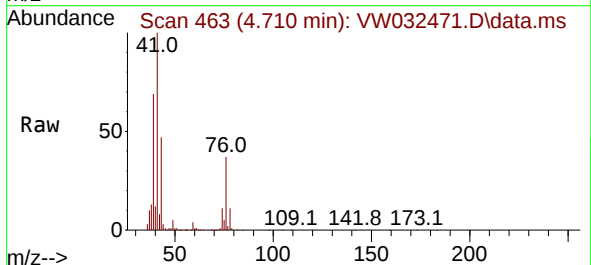
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBSD01

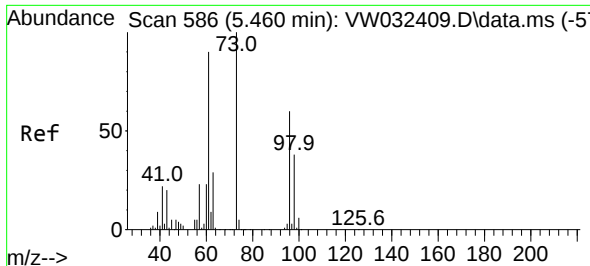
Tgt Ion: 76 Resp: 251424
Ion Ratio Lower Upper
76 100
78 8.8 7.6 11.4



#18
Methyl Acetate
Concen: 20.000 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

Tgt Ion: 43 Resp: 70239
Ion Ratio Lower Upper
43 100
74 23.8 18.9 28.3

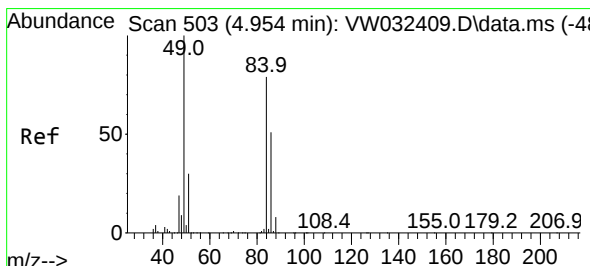
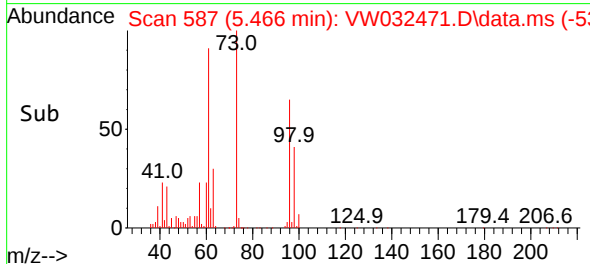
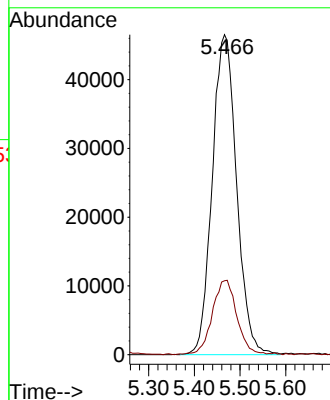
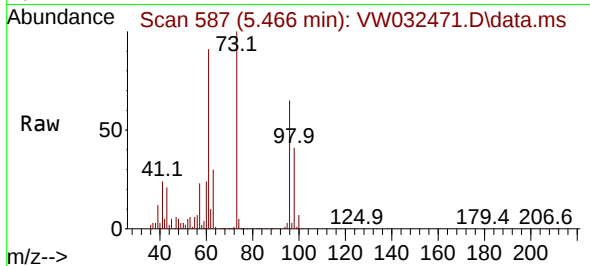




#19
Methyl tert-butyl Ether
Concen: 20.701 ug/l
RT: 5.466 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

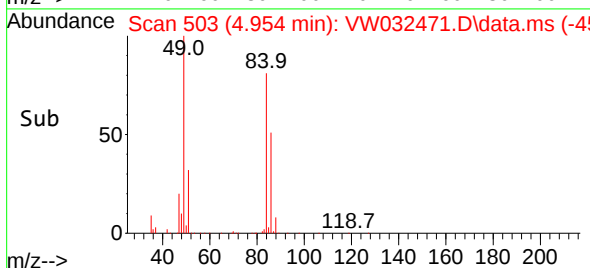
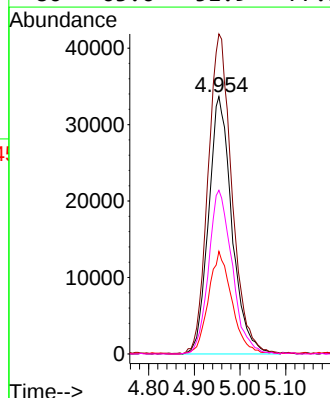
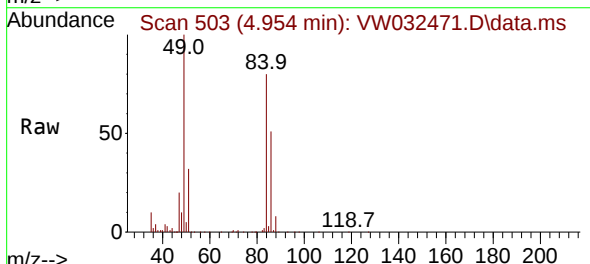
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBSD01

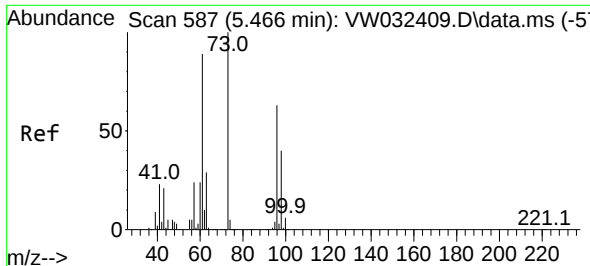
Tgt Ion: 73 Resp: 172461
Ion Ratio Lower Upper
73 100
57 22.9 18.3 27.5



#20
Methylene Chloride
Concen: 23.580 ug/l
RT: 4.954 min Scan# 503
Delta R.T. 0.000 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

Tgt Ion: 84 Resp: 119594
Ion Ratio Lower Upper
84 100
49 123.9 101.5 152.3
51 39.8 30.6 46.0
86 63.6 51.9 77.9

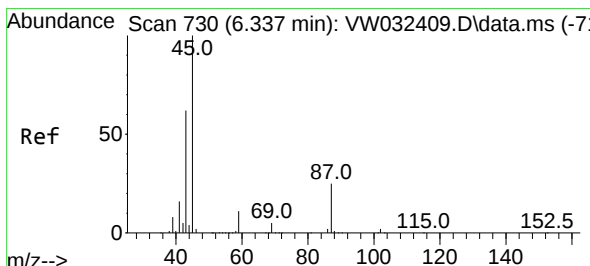
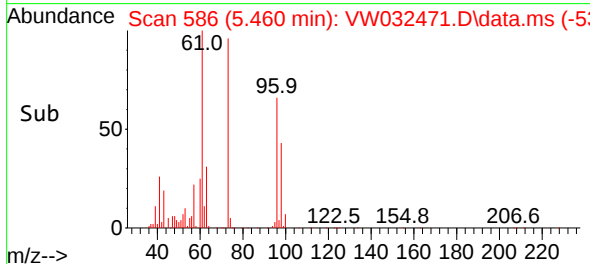
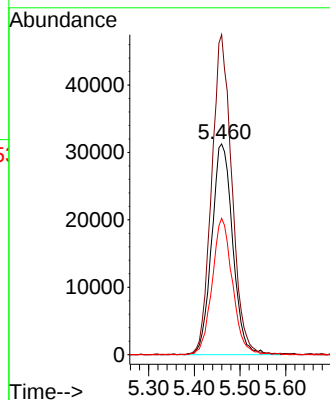
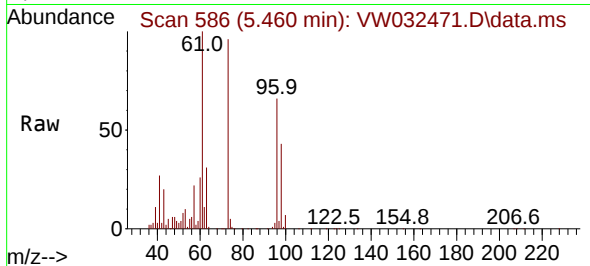




#21
trans-1,2-Dichloroethene
Concen: 22.095 ug/l
RT: 5.460 min Scan# 587
Delta R.T. -0.006 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

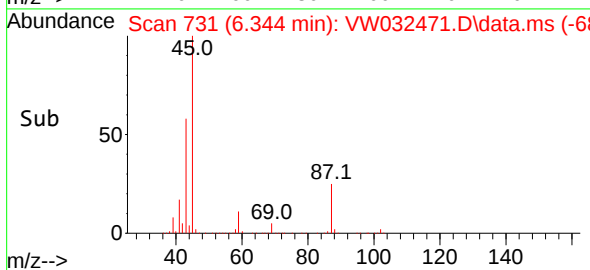
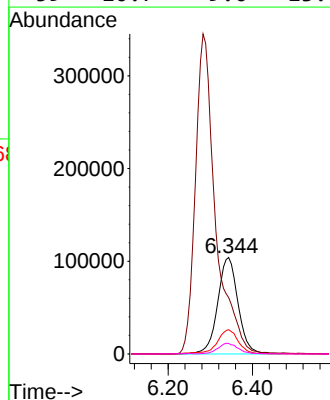
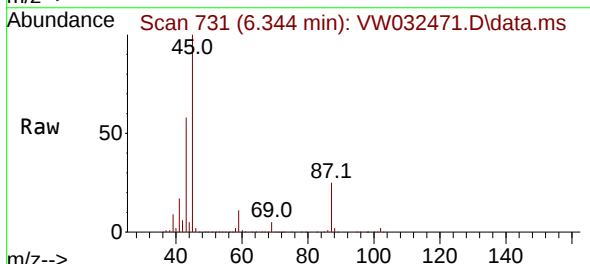
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBSD01

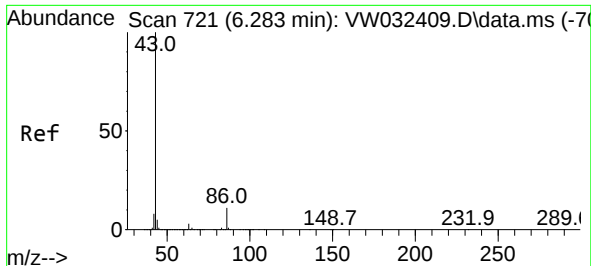
Tgt Ion: 96 Resp: 99851
Ion Ratio Lower Upper
96 100
61 151.7 112.5 168.7
98 64.7 51.1 76.7



#22
Diisopropyl ether
Concen: 22.439 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.006 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

Tgt Ion: 45 Resp: 347227
Ion Ratio Lower Upper
45 100
43 57.5 49.4 74.2
87 25.0 20.1 30.1
59 10.7 9.0 13.4

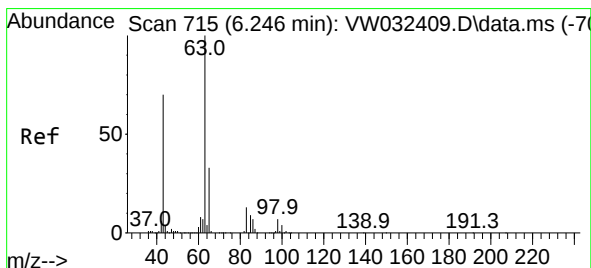
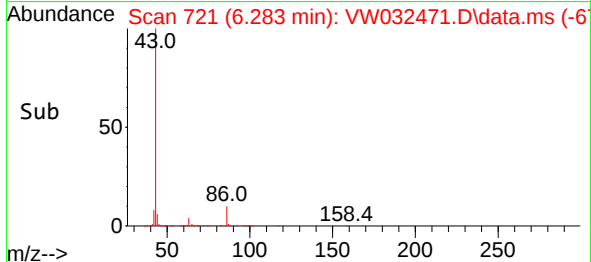
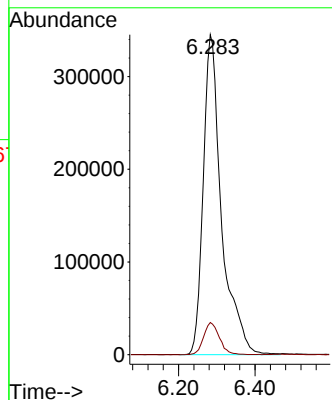
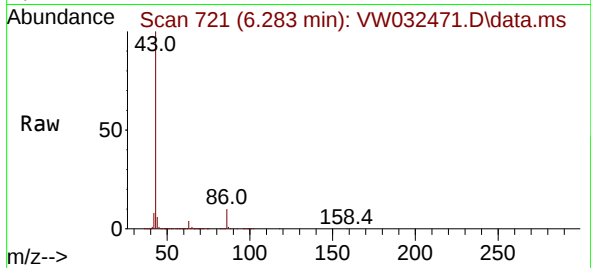




#23
 Vinyl Acetate
 Concen: 108.030 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. 0.000 min
 Lab File: VW032471.D
 Acq: 18 Nov 2025 11:02

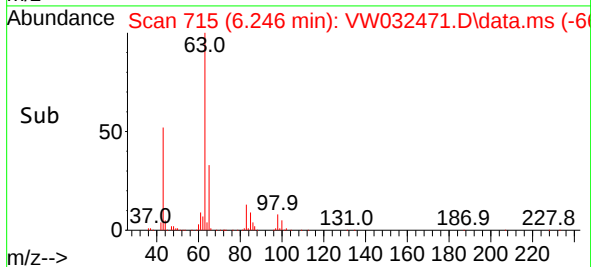
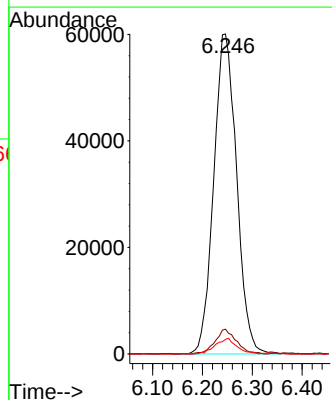
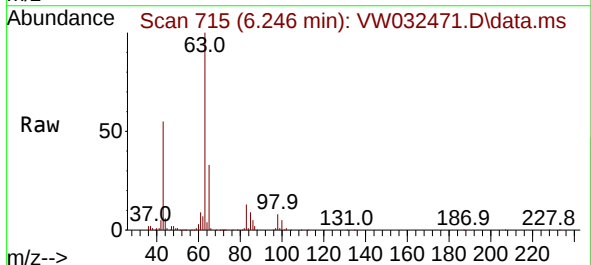
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1118SBSD01

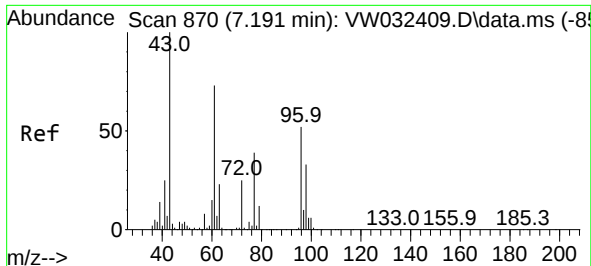
Tgt Ion: 43 Resp: 1145335
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 22.597 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW032471.D
 Acq: 18 Nov 2025 11:02

Tgt Ion: 63 Resp: 191582
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.6 10.8
 100 4.6 2.3 6.8

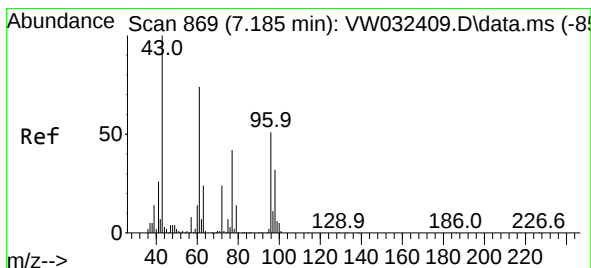
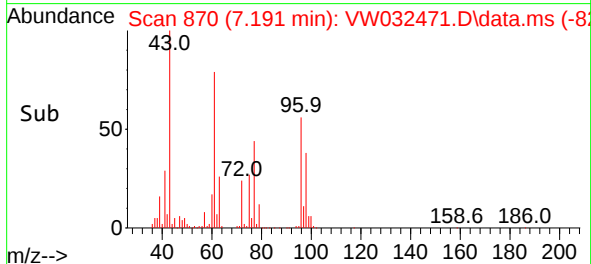
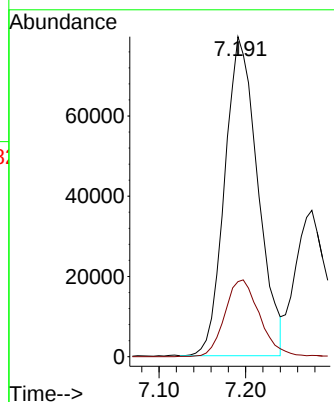
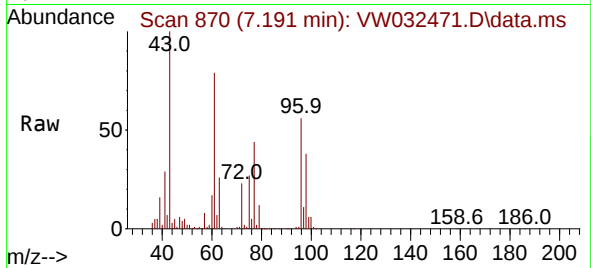




#25
2-Butanone
Concen: 101.107 ug/l
RT: 7.191 min Scan# 81
Delta R.T. 0.000 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

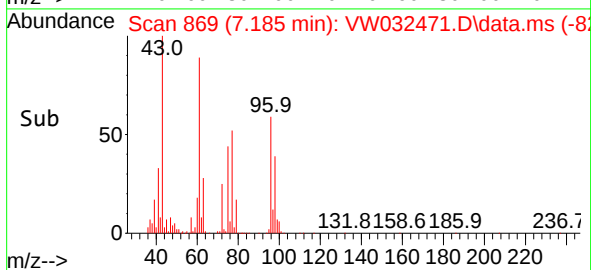
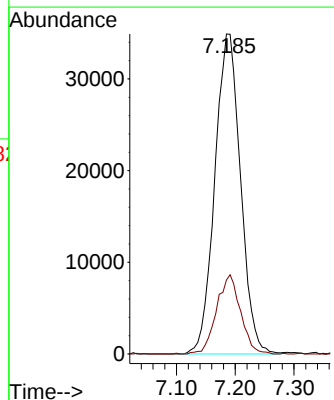
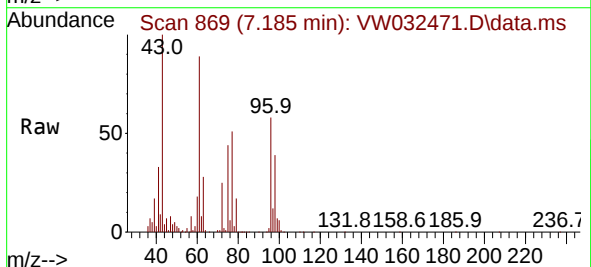
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBSD01

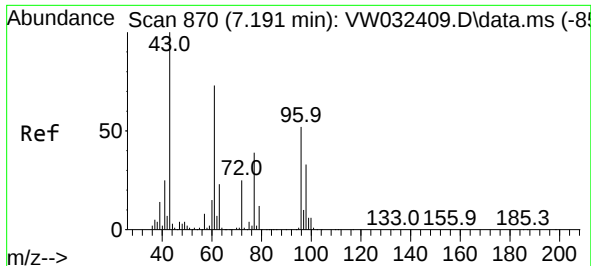
Tgt Ion: 43 Resp: 211255
Ion Ratio Lower Upper
43 100
72 23.4 20.0 30.0



#26
2,2-Dichloropropane
Concen: 22.452 ug/l
RT: 7.185 min Scan# 869
Delta R.T. 0.000 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

Tgt Ion: 77 Resp: 106084
Ion Ratio Lower Upper
77 100
97 23.0 12.3 36.8

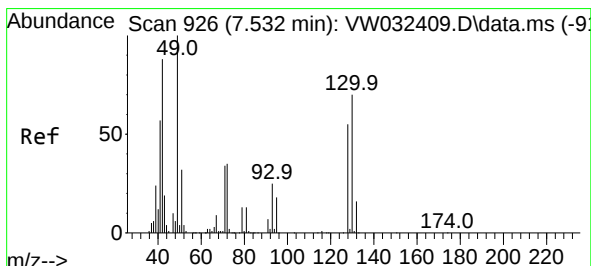
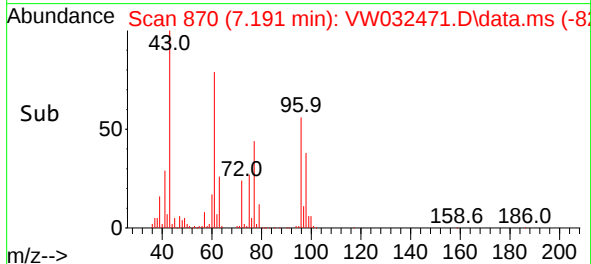
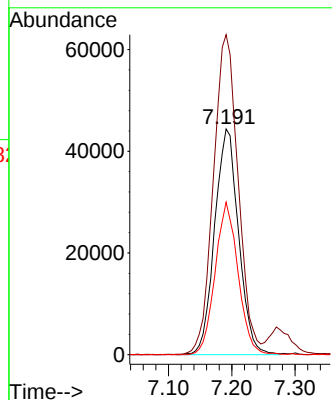
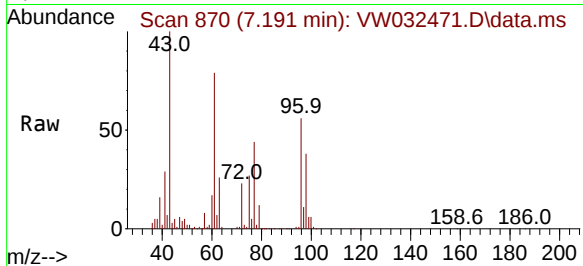




#27
 cis-1,2-Dichloroethene
 Concen: 21.576 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. 0.000 min
 Lab File: VW032471.D
 Acq: 18 Nov 2025 11:02

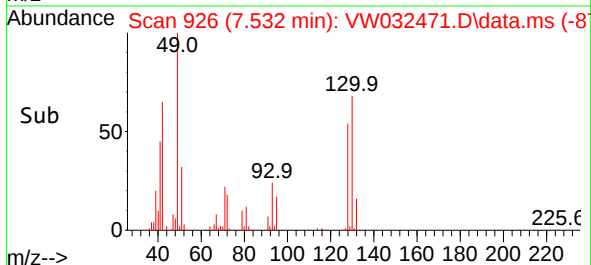
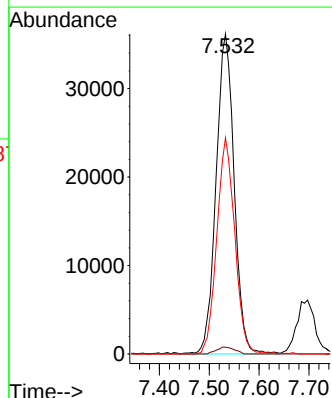
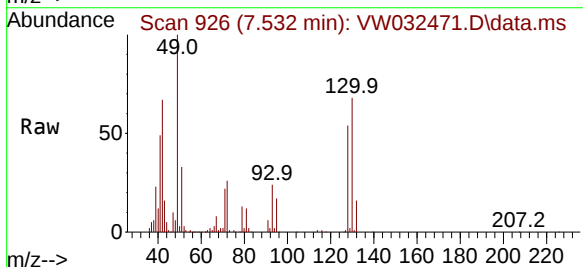
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1118SBSD01

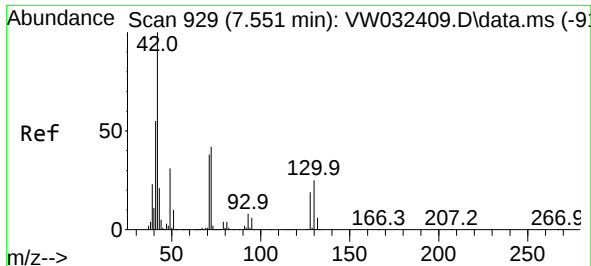
Tgt Ion: 96 Resp: 116504
 Ion Ratio Lower Upper
 96 100
 61 146.6 0.0 282.6
 98 64.7 0.0 128.6



#28
 Bromochloromethane
 Concen: 22.751 ug/l
 RT: 7.532 min Scan# 926
 Delta R.T. 0.000 min
 Lab File: VW032471.D
 Acq: 18 Nov 2025 11:02

Tgt Ion: 49 Resp: 91167
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 67.2 56.9 85.3

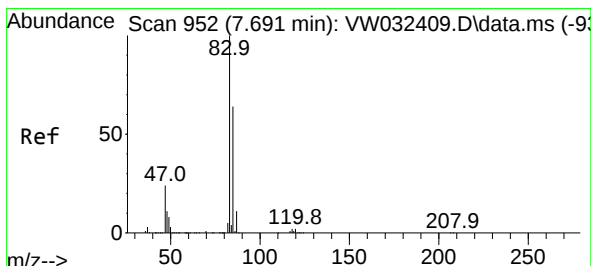
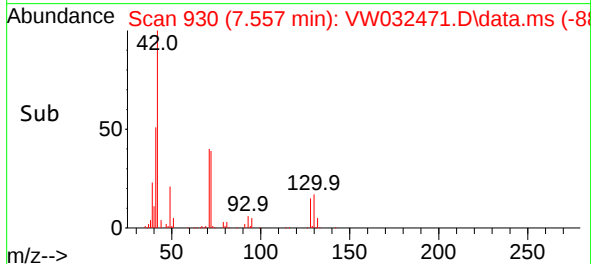
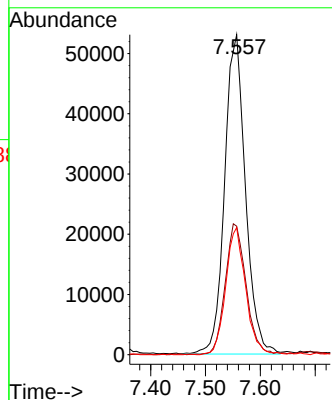
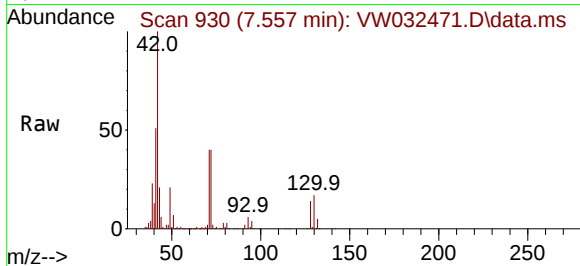




#29
Tetrahydrofuran
Concen: 105.984 ug/l
RT: 7.557 min Scan# 911
Delta R.T. 0.006 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

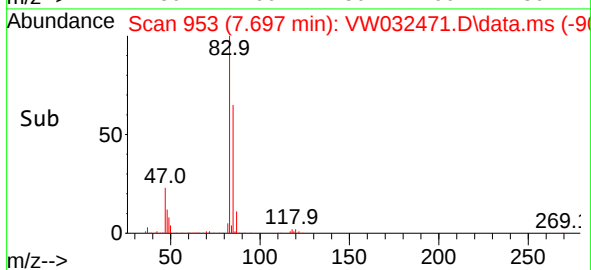
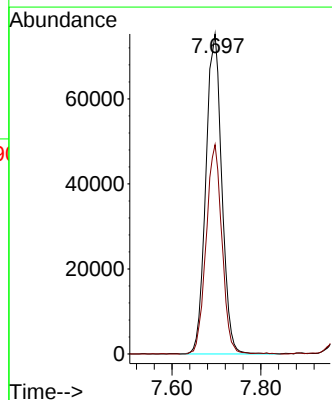
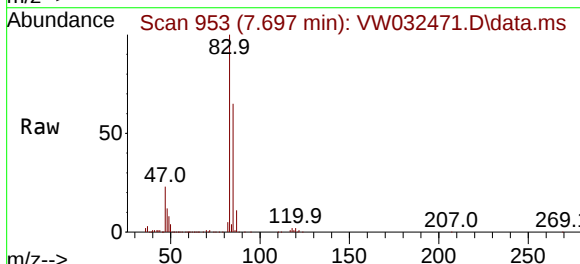
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBSD01

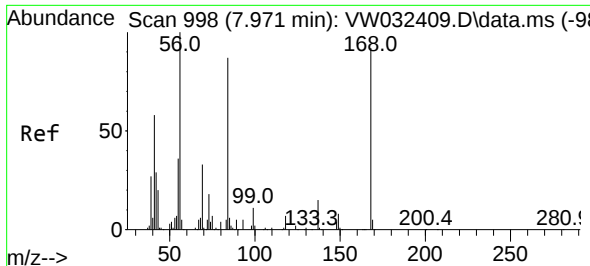
Tgt Ion: 42 Resp: 140552
Ion Ratio Lower Upper
42 100
72 41.2 33.6 50.4
71 38.1 31.4 47.0



#30
Chloroform
Concen: 22.707 ug/l
RT: 7.697 min Scan# 953
Delta R.T. 0.006 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

Tgt Ion: 83 Resp: 188461
Ion Ratio Lower Upper
83 100
85 65.4 51.0 76.4

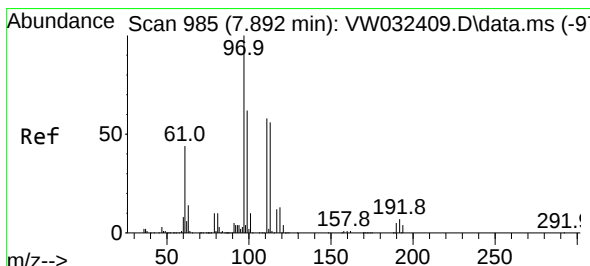
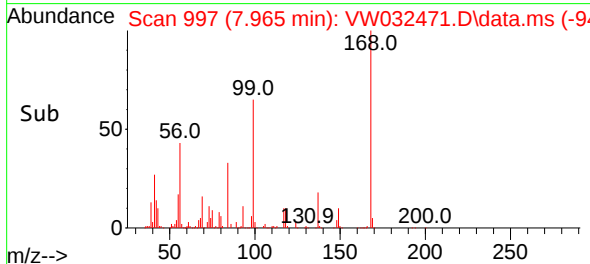
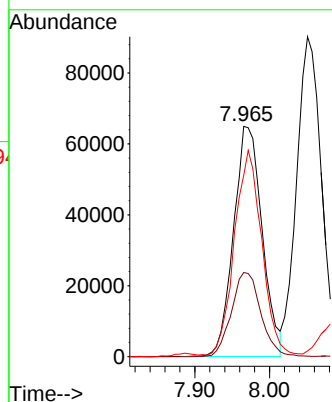
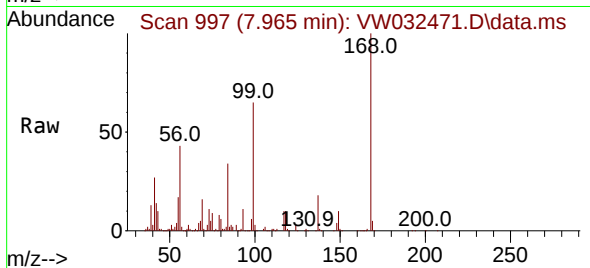




#31
Cyclohexane
Concen: 22.027 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

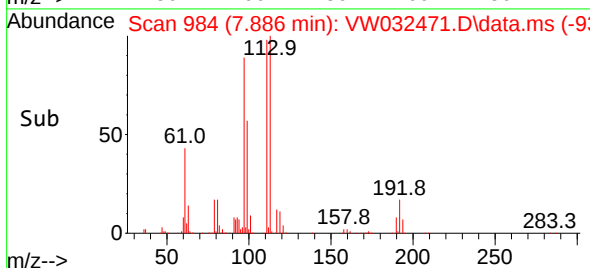
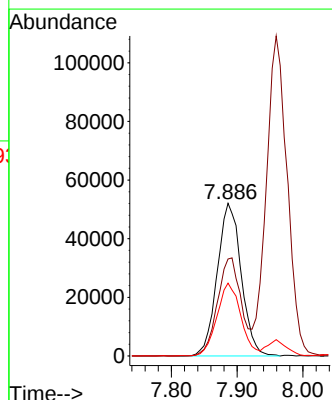
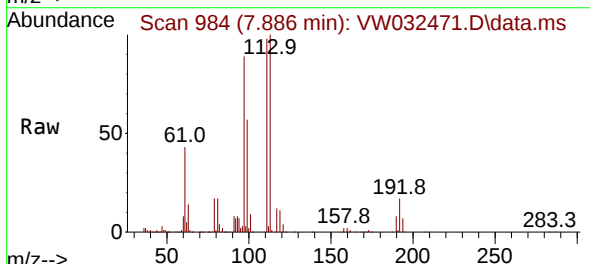
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBSD01

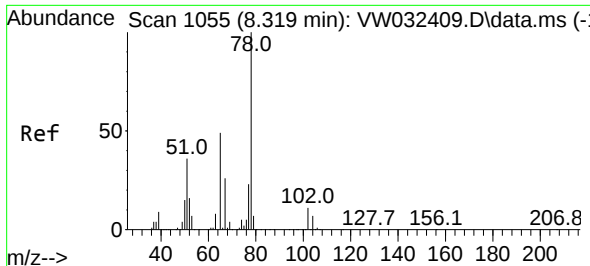
Tgt Ion: 56 Resp: 172748
Ion Ratio Lower Upper
56 100
69 36.6 26.5 39.7
84 77.7 69.6 104.4



#32
1,1,1-Trichloroethane
Concen: 22.263 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

Tgt Ion: 97 Resp: 131999
Ion Ratio Lower Upper
97 100
99 64.3 51.8 77.8
61 47.5 35.5 53.3

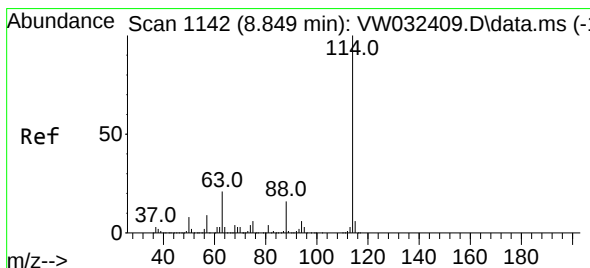
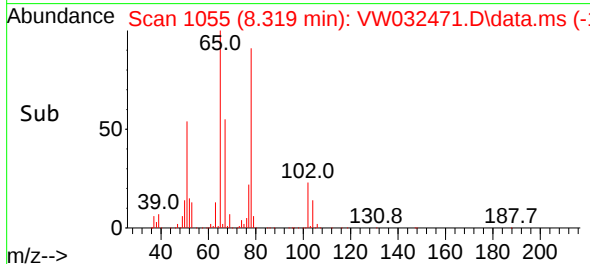
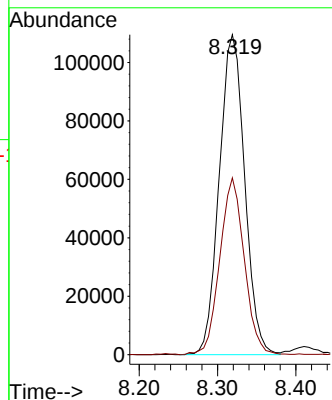
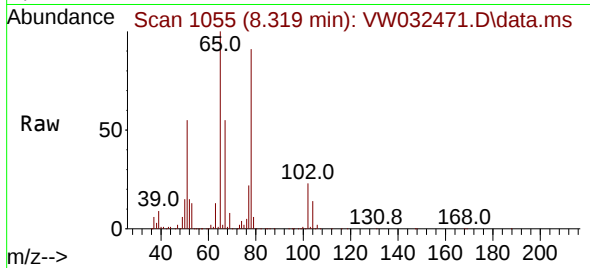




#33
 1,2-Dichloroethane-d4
 Concen: 52.152 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032471.D
 Acq: 18 Nov 2025 11:02

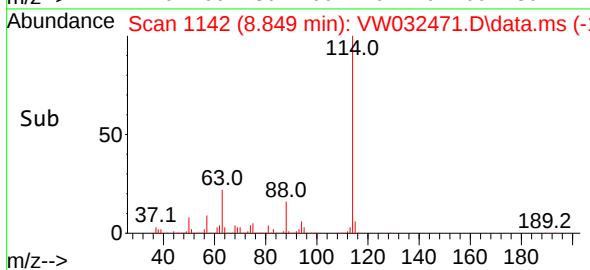
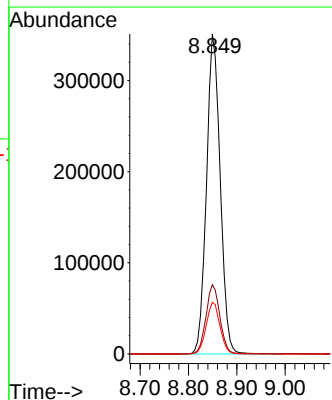
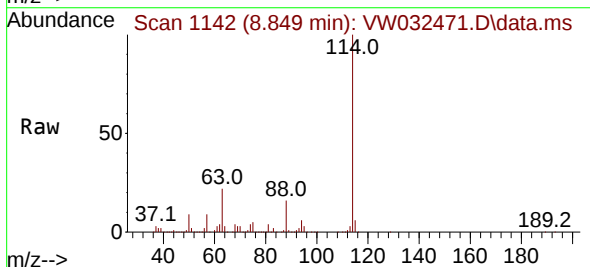
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1118SBSD01

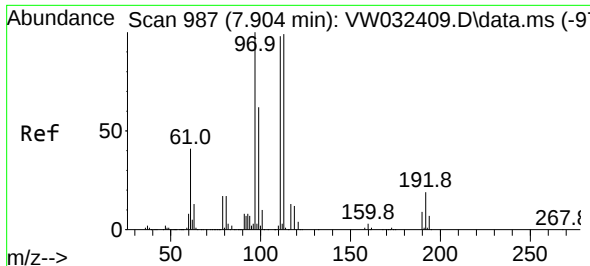
Tgt Ion: 65 Resp: 247225
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW032471.D
 Acq: 18 Nov 2025 11:02

Tgt Ion: 114 Resp: 692034
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 41.8
 88 16.1 0.0 32.6

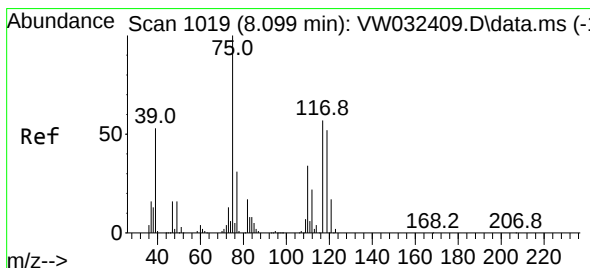
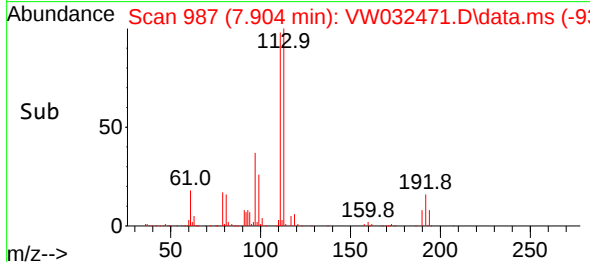
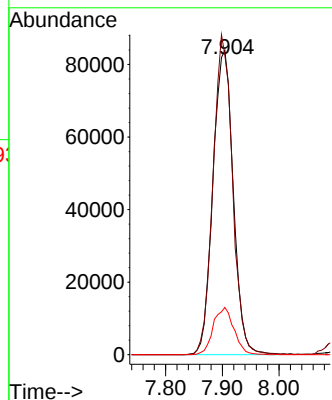
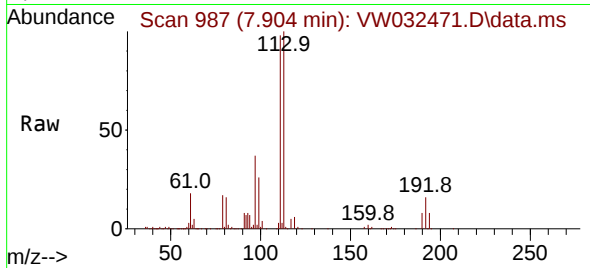




#35
Dibromofluoromethane
Concen: 50.466 ug/l
RT: 7.904 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

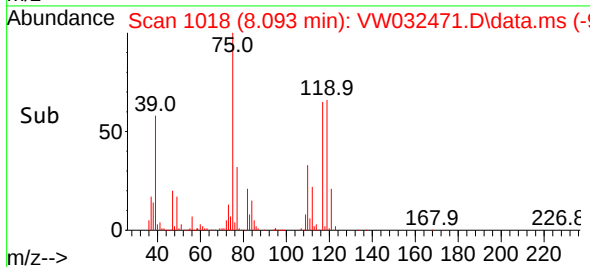
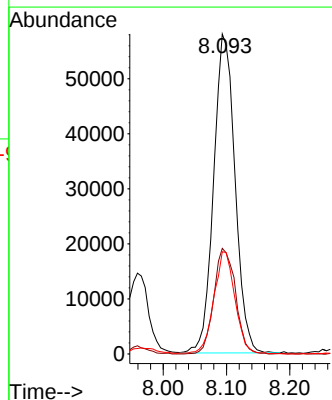
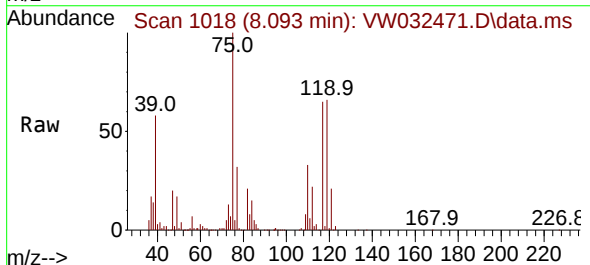
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBSD01

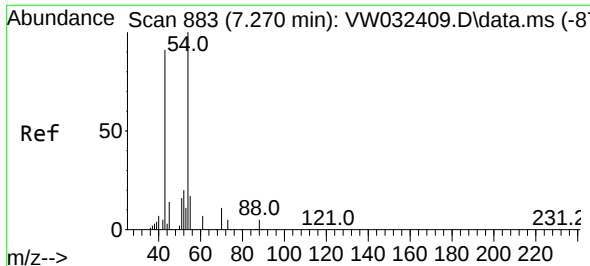
Tgt Ion:113 Resp: 209098
Ion Ratio Lower Upper
113 100
111 100.7 83.1 124.7
192 15.8 13.4 20.2



#36
1,1-Dichloropropene
Concen: 22.311 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

Tgt Ion: 75 Resp: 136205
Ion Ratio Lower Upper
75 100
110 33.4 17.2 51.5
77 31.9 24.5 36.7





#37

Ethyl Acetate

Concen: 21.105 ug/l

RT: 7.276 min Scan# 883

Delta R.T. 0.006 min

Lab File: VW032471.D

Acq: 18 Nov 2025 11:02

Instrument :

MSVOA_W

ClientSampleId :

VW1118SBSD01

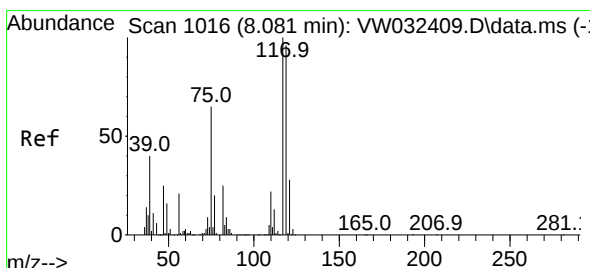
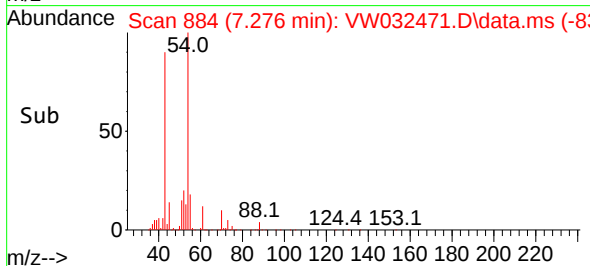
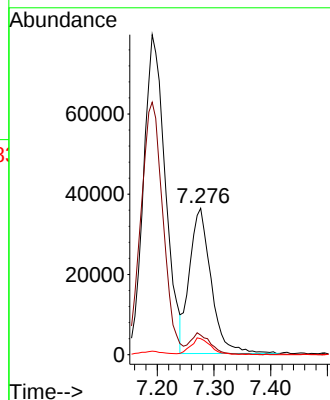
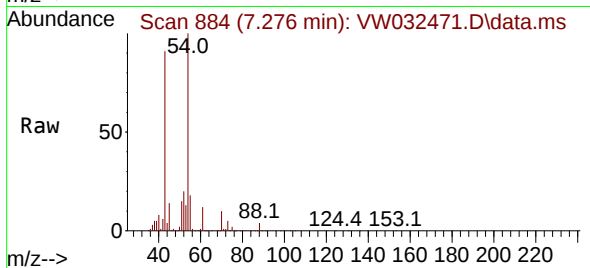
Tgt Ion: 43 Resp: 95805

Ion Ratio Lower Upper

43 100

61 13.1 11.0 16.6

70 10.4 8.3 12.5



#38

Carbon Tetrachloride

Concen: 22.494 ug/l

RT: 8.081 min Scan# 1016

Delta R.T. 0.000 min

Lab File: VW032471.D

Acq: 18 Nov 2025 11:02

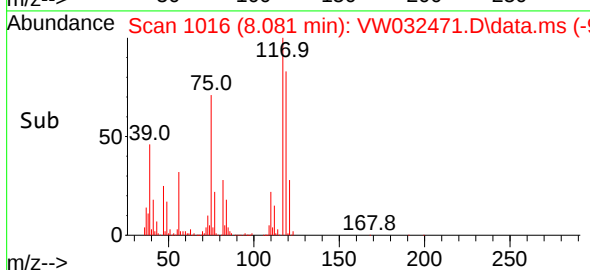
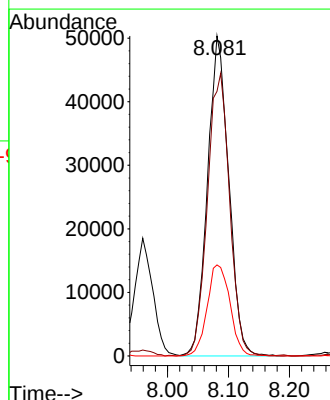
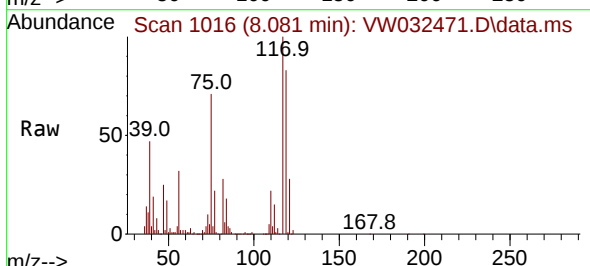
Tgt Ion: 117 Resp: 122018

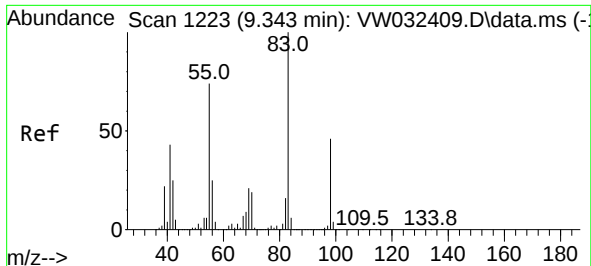
Ion Ratio Lower Upper

117 100

119 82.5 77.0 115.4

121 28.5 22.0 33.0





#39

Methylcyclohexane

Concen: 20.818 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032471.D

Acq: 18 Nov 2025 11:02

Instrument :

MSVOA_W

ClientSampleId :

VW1118SBSD01

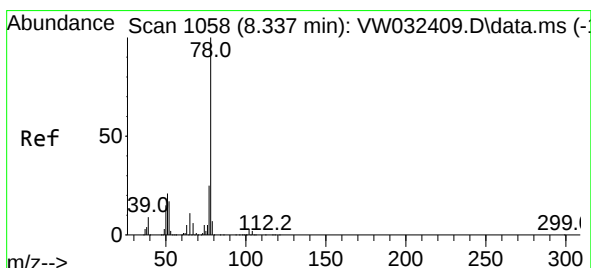
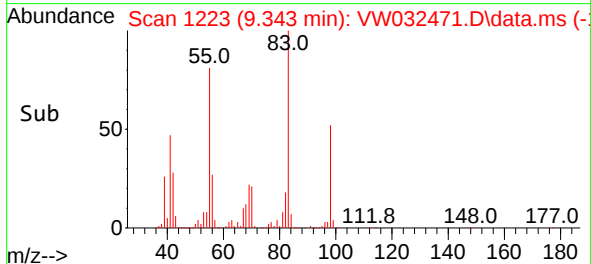
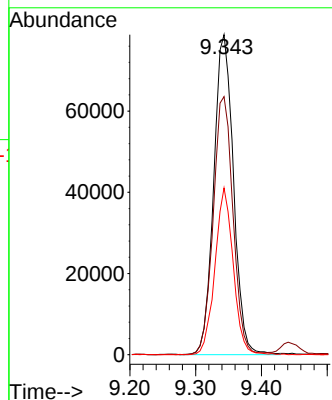
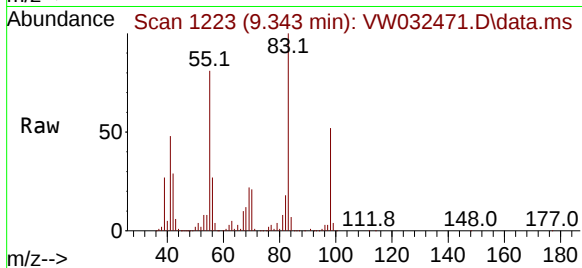
Tgt Ion: 83 Resp: 164638

Ion Ratio Lower Upper

83 100

55 80.7 59.2 88.8

98 52.0 36.6 54.8



#40

Benzene

Concen: 21.792 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW032471.D

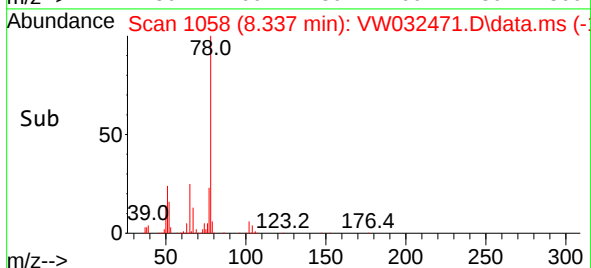
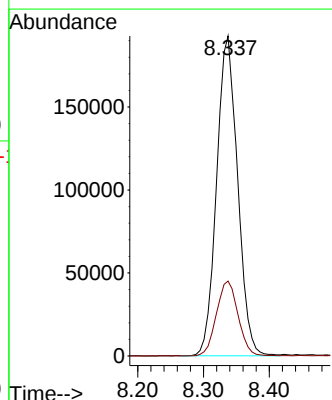
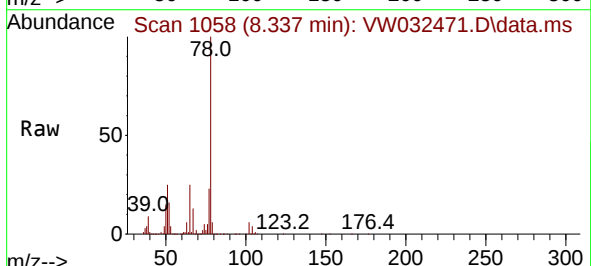
Acq: 18 Nov 2025 11:02

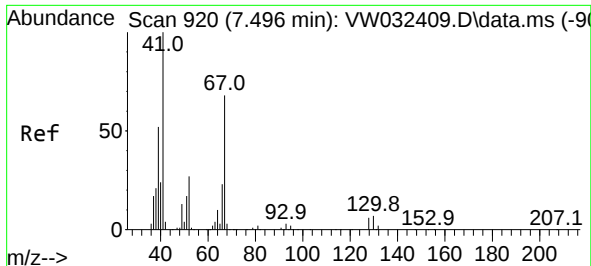
Tgt Ion: 78 Resp: 428421

Ion Ratio Lower Upper

78 100

77 23.3 19.6 29.4

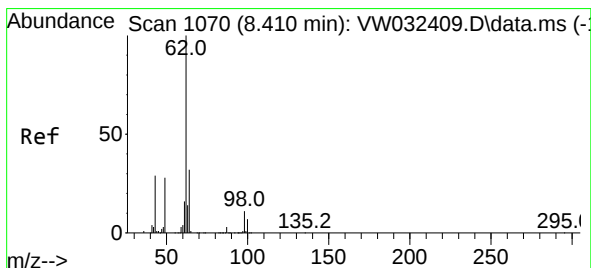
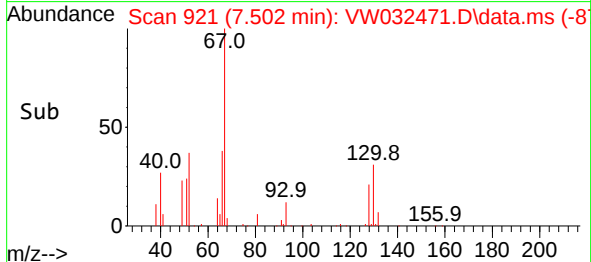
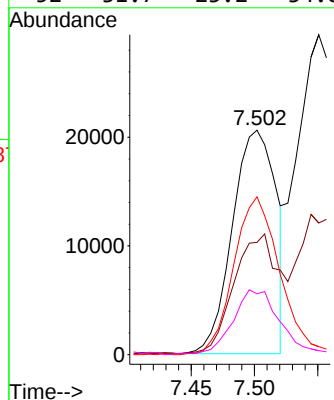
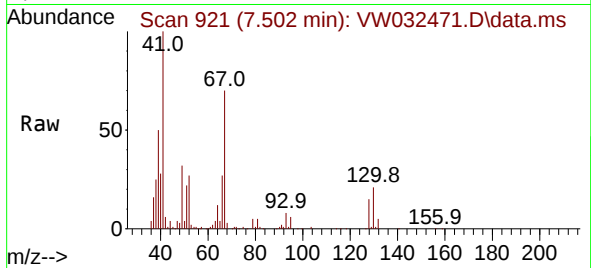




#41
Methacrylonitrile
Concen: 19.797 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

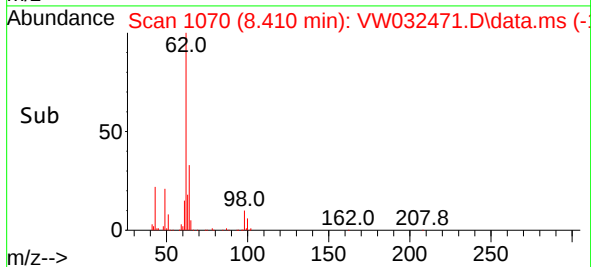
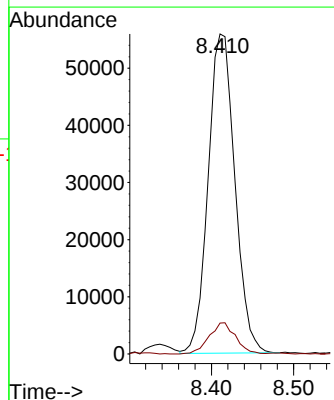
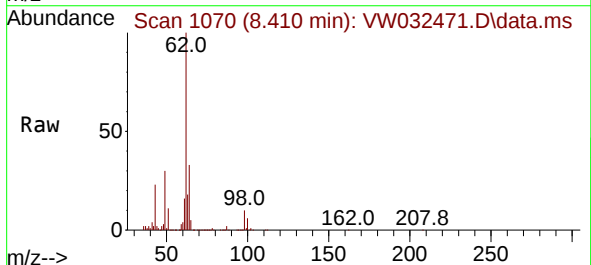
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBSD01

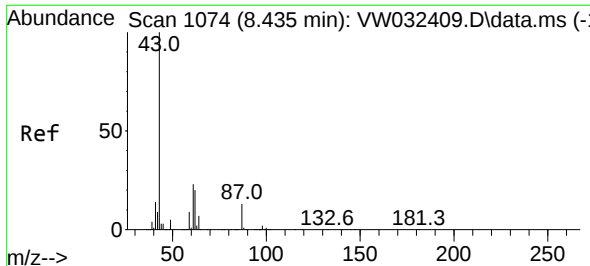
Tgt Ion:	41	Resp:	49368
Ion	Ratio	Lower	Upper
41	100		
39	56.7	44.6	66.8
67	75.5	57.6	86.4
52	31.7	23.2	34.8



#42
1,2-Dichloroethane
Concen: 21.841 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

Tgt Ion:	62	Resp:	126122
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	20.2

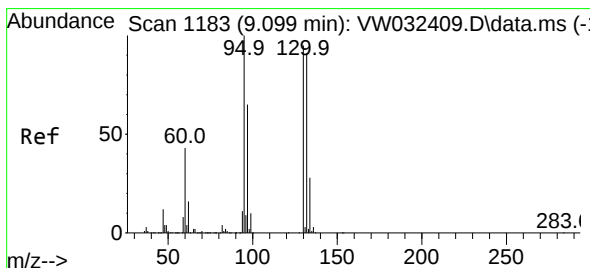
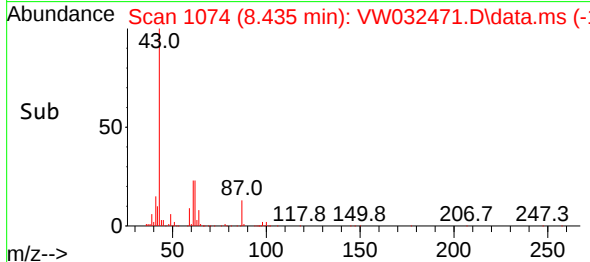
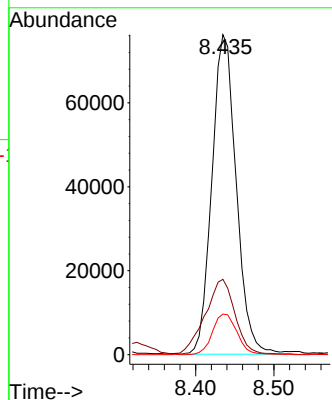
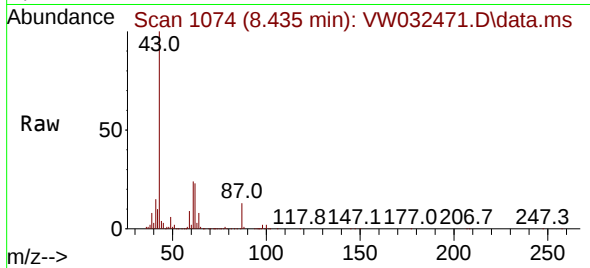




#43
Isopropyl Acetate
Concen: 20.442 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

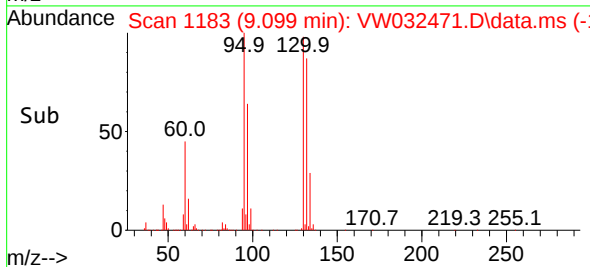
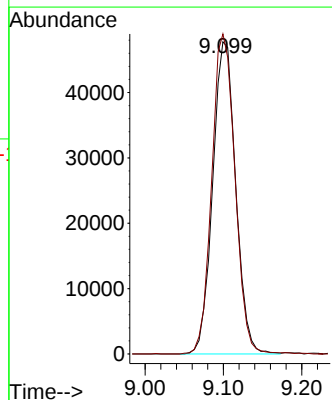
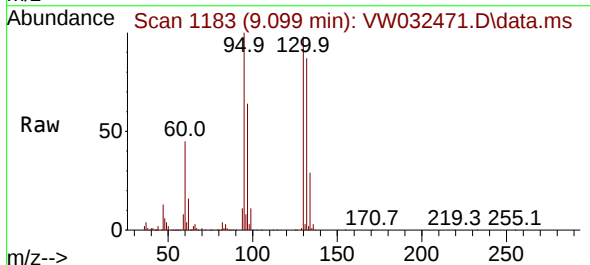
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBSD01

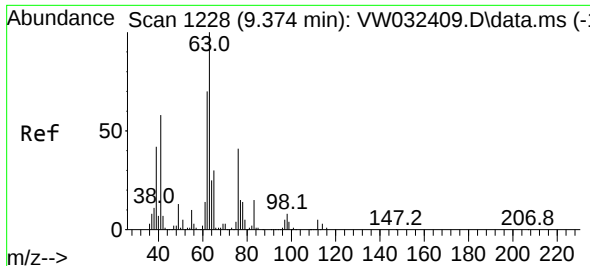
Tgt Ion: 43 Resp: 164319
Ion Ratio Lower Upper
43 100
61 29.0 22.6 33.8
87 13.0 10.6 15.8



#44
Trichloroethene
Concen: 21.328 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

Tgt Ion:130 Resp: 97571
Ion Ratio Lower Upper
130 100
95 102.5 0.0 209.6





#45

1,2-Dichloropropane

Concen: 21.777 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW032471.D

Acq: 18 Nov 2025 11:02

Instrument :

MSVOA_W

ClientSampleId :

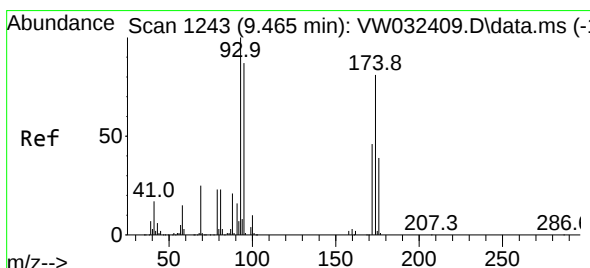
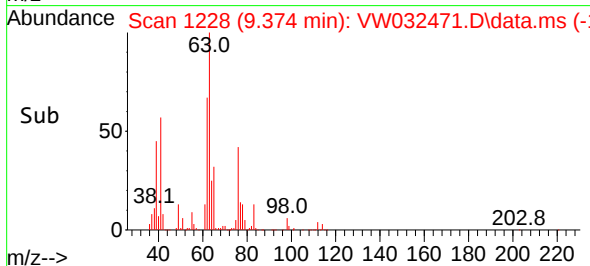
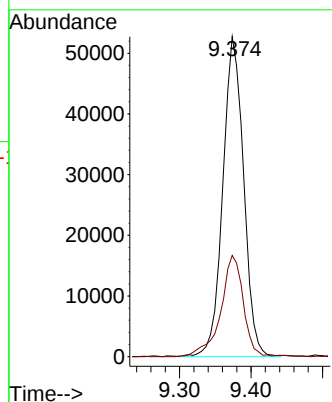
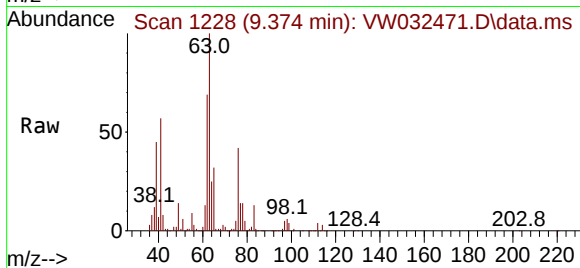
VW1118SBSD01

Tgt Ion: 63 Resp: 106607

Ion Ratio Lower Upper

63 100

65 31.4 24.4 36.6



#46

Dibromomethane

Concen: 21.939 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW032471.D

Acq: 18 Nov 2025 11:02

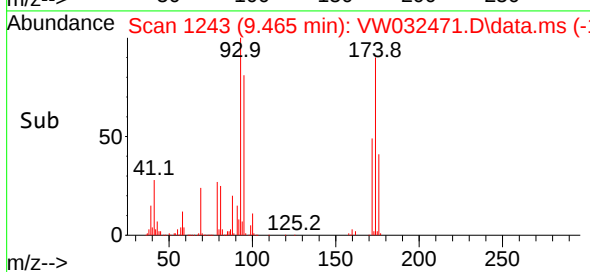
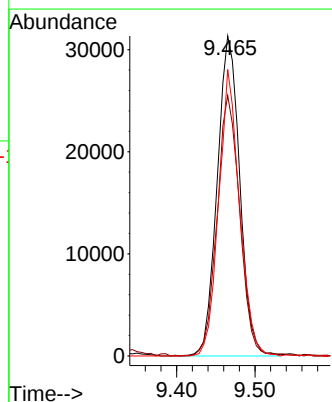
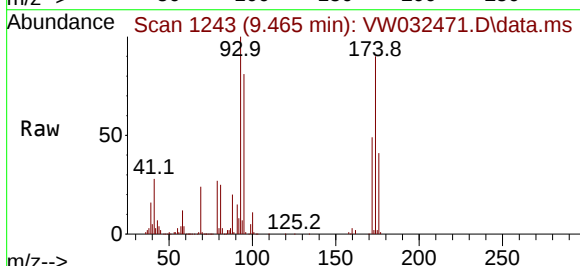
Tgt Ion: 93 Resp: 62759

Ion Ratio Lower Upper

93 100

95 81.8 67.1 100.7

174 82.7 68.2 102.4

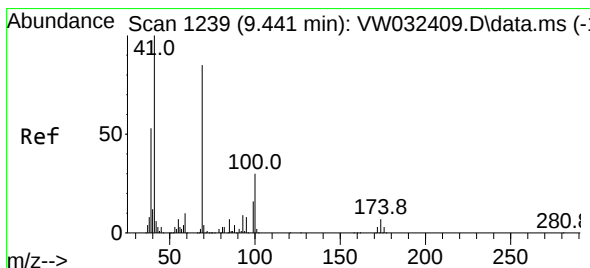
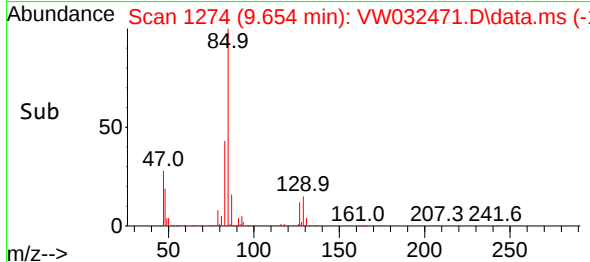
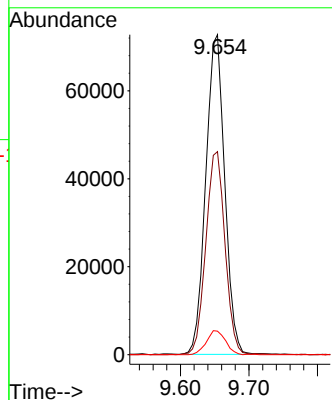
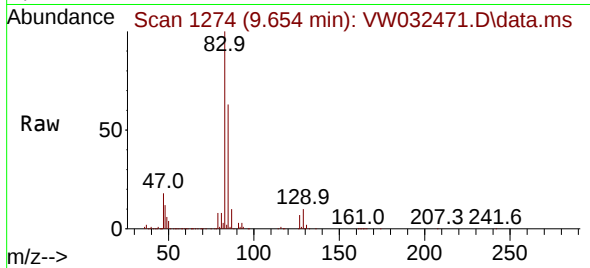




#47
Bromodichloromethane
Concen: 21.418 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. 0.000 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

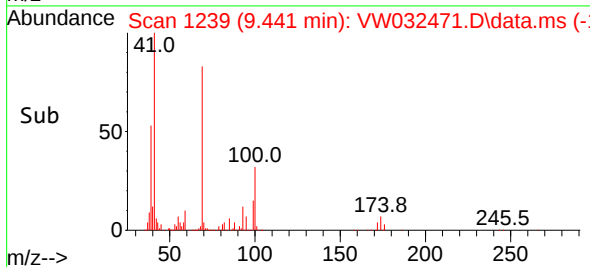
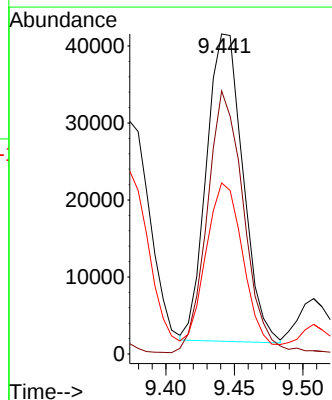
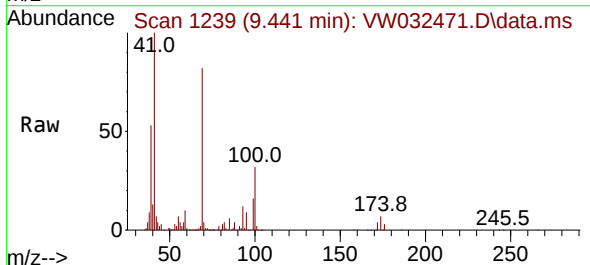
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBSD01

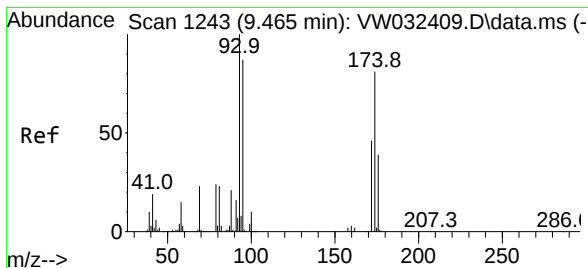
Tgt Ion: 83 Resp: 139764
Ion Ratio Lower Upper
83 100
85 63.4 48.7 73.1
127 7.4 6.3 9.5



#48
Methyl methacrylate
Concen: 19.354 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

Tgt Ion: 41 Resp: 73924
Ion Ratio Lower Upper
41 100
69 85.6 65.8 98.6
39 52.5 38.6 57.8





#49

1,4-Dioxane

Concen: 422.790 ug/l

RT: 9.465 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032471.D

Acq: 18 Nov 2025 11:02

Instrument :

MSVOA_W

ClientSampleId :

VW1118SBSD01

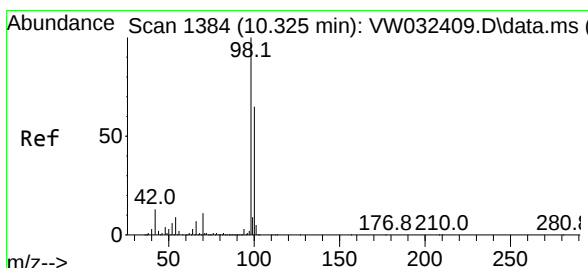
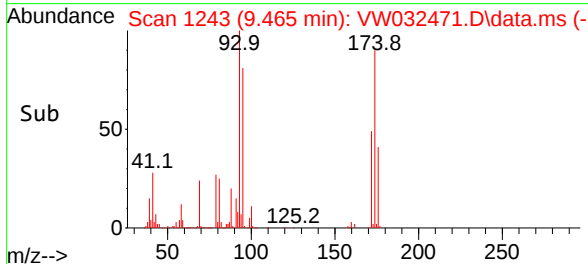
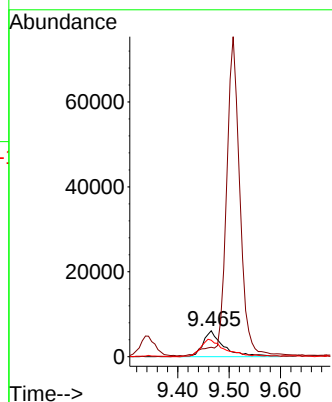
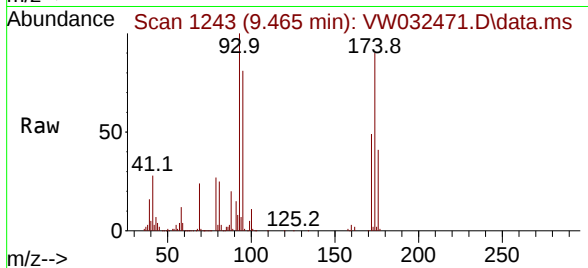
Tgt Ion: 88 Resp: 16943

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 75.7 63.0 94.4



#50

Toluene-d8

Concen: 51.212 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW032471.D

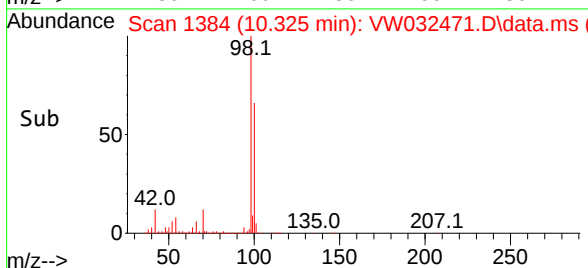
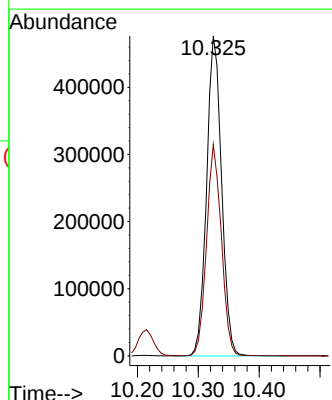
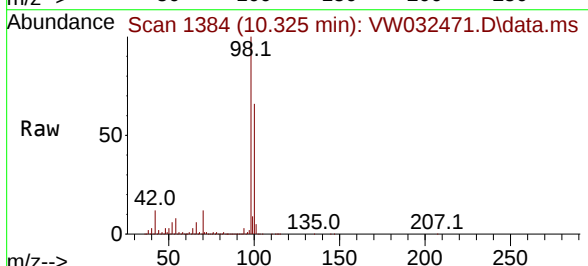
Acq: 18 Nov 2025 11:02

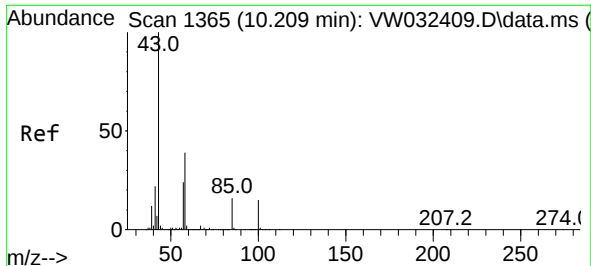
Tgt Ion: 98 Resp: 814032

Ion Ratio Lower Upper

98 100

100 65.3 53.3 79.9





#51

4-Methyl-2-Pentanone

Concen: 105.753 ug/l

RT: 10.215 min Scan# 1366

Delta R.T. 0.006 min

Lab File: VW032471.D

Acq: 18 Nov 2025 11:02

Instrument :

MSVOA_W

ClientSampleId :

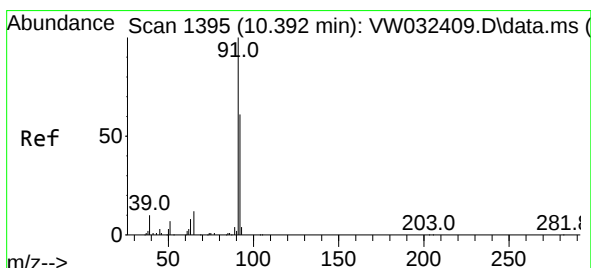
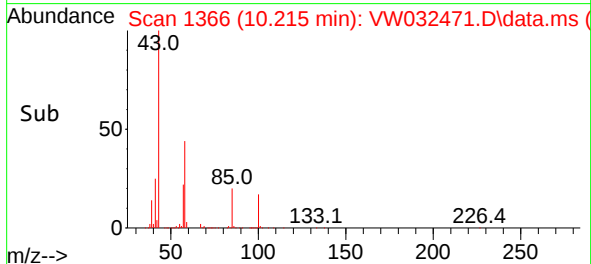
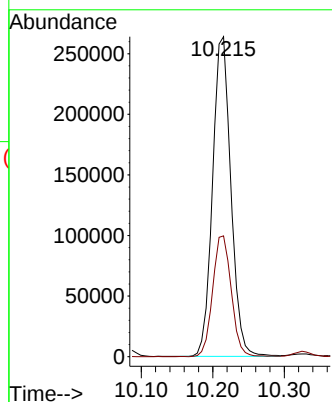
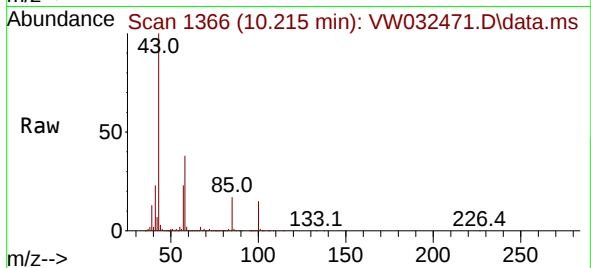
VW1118SBSD01

Tgt Ion: 43 Resp: 469930

Ion Ratio Lower Upper

43 100

58 38.5 31.4 47.2



#52

Toluene

Concen: 21.935 ug/l

RT: 10.392 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VW032471.D

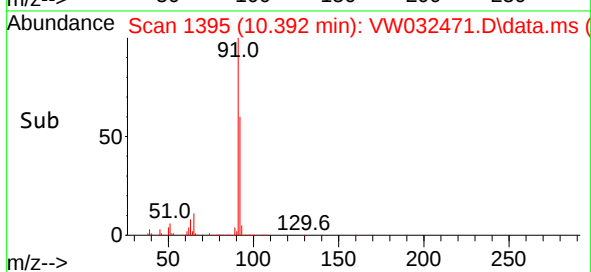
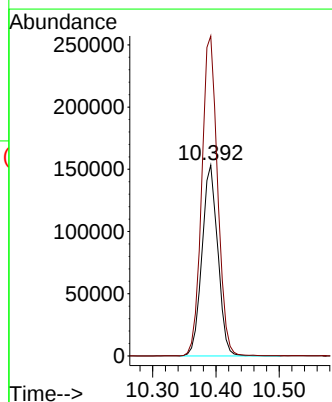
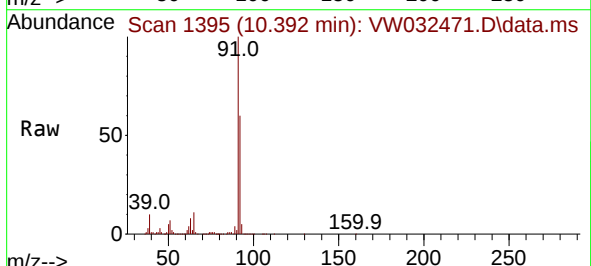
Acq: 18 Nov 2025 11:02

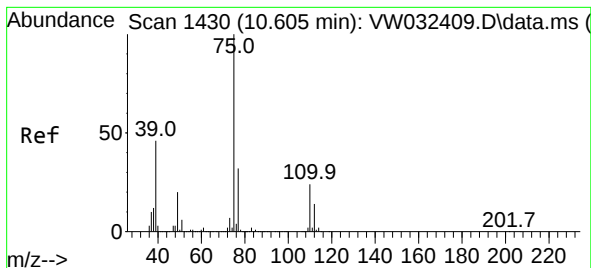
Tgt Ion: 92 Resp: 266368

Ion Ratio Lower Upper

92 100

91 168.4 136.6 205.0

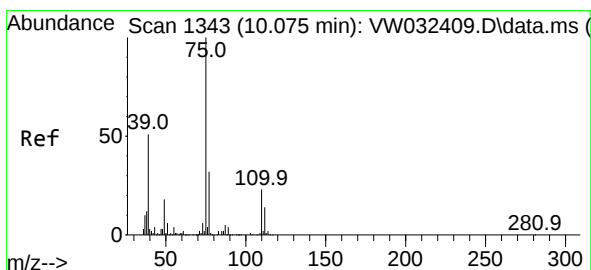
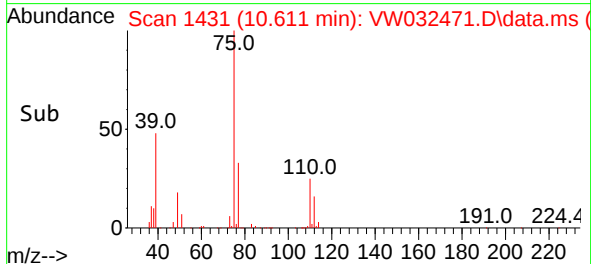
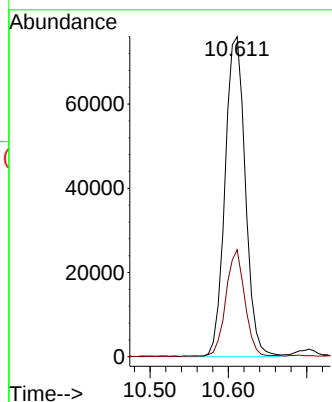
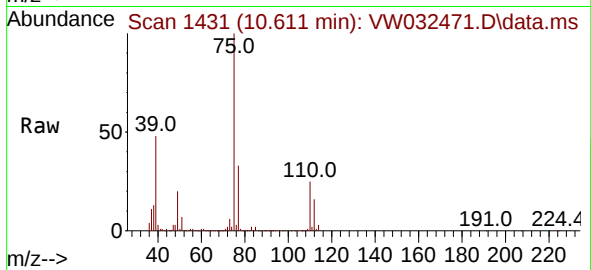




#53
t-1,3-Dichloropropene
Concen: 20.395 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

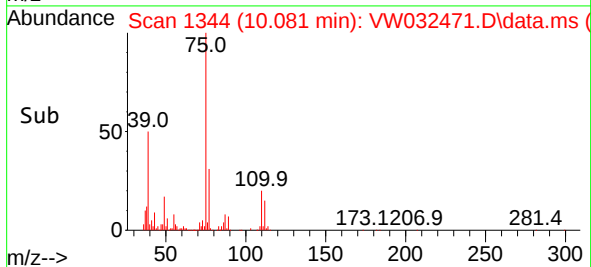
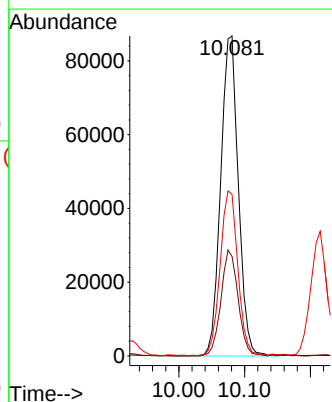
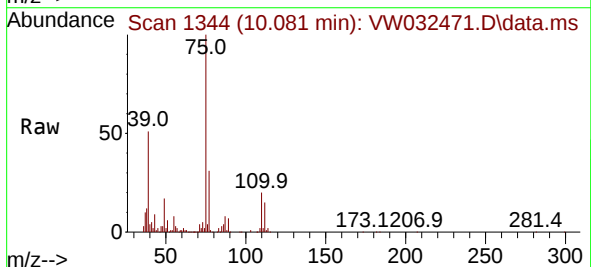
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBSD01

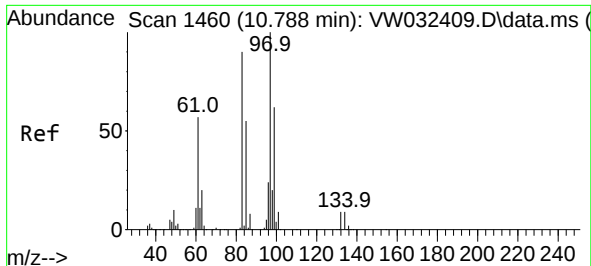
Tgt Ion: 75 Resp: 137060
Ion Ratio Lower Upper
75 100
77 33.3 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 20.837 ug/l
RT: 10.081 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

Tgt Ion: 75 Resp: 161937
Ion Ratio Lower Upper
75 100
77 31.1 25.6 38.4
39 50.3 40.7 61.1

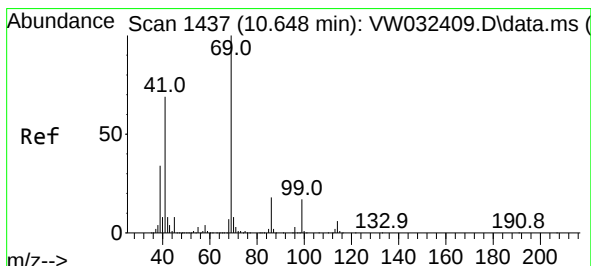
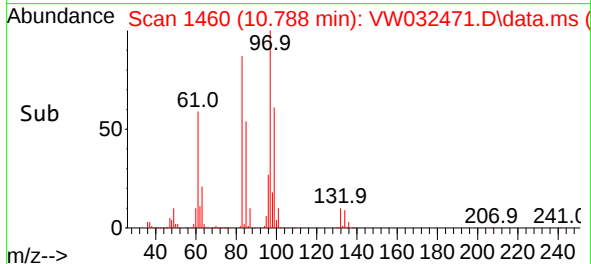
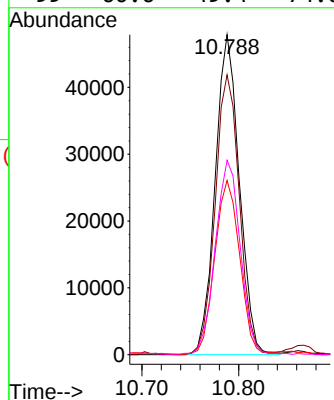
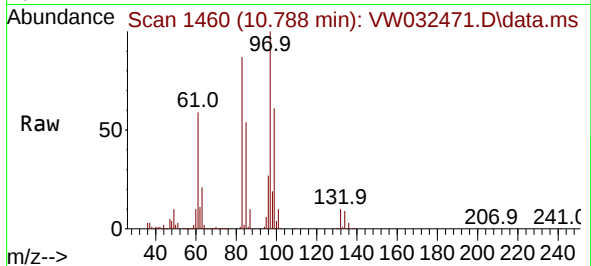




#55
1,1,2-Trichloroethane
Concen: 21.154 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

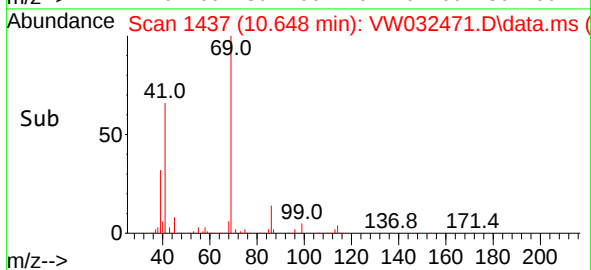
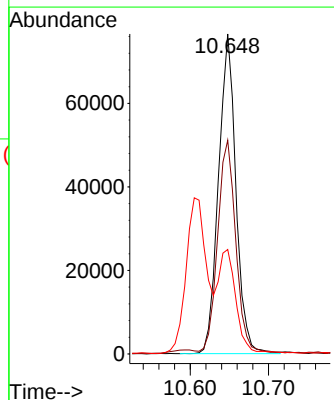
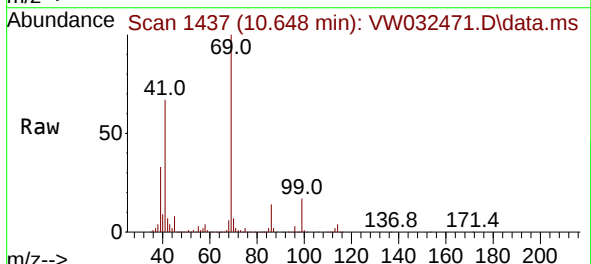
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBSD01

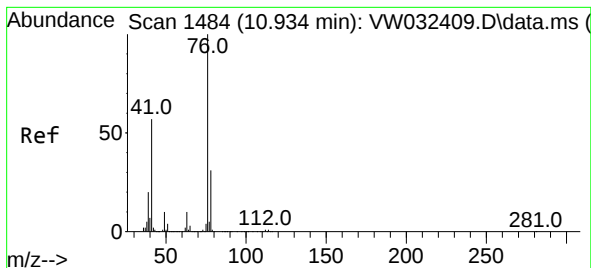
Tgt Ion:	97	Resp:	83014
Ion	Ratio	Lower	Upper
97	100		
83	87.5	72.2	108.4
85	54.5	43.8	65.8
99	60.6	49.4	74.0



#56
Ethyl methacrylate
Concen: 19.670 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

Tgt Ion:	69	Resp:	118441
Ion	Ratio	Lower	Upper
69	100		
41	69.3	54.4	81.6
39	32.7	25.4	38.0

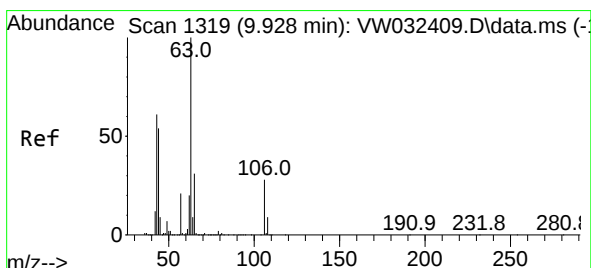
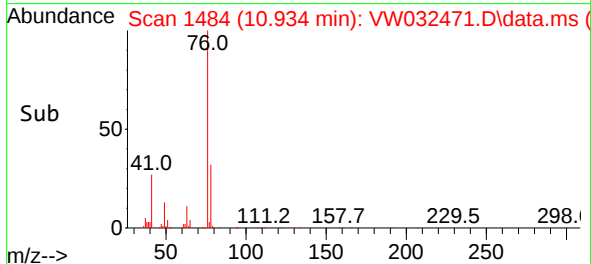
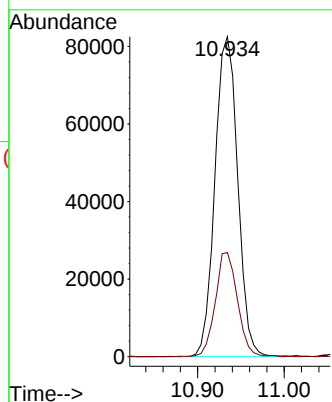
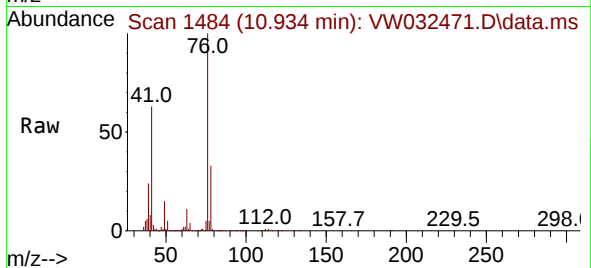




#57
1,3-Dichloropropane
Concen: 21.508 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

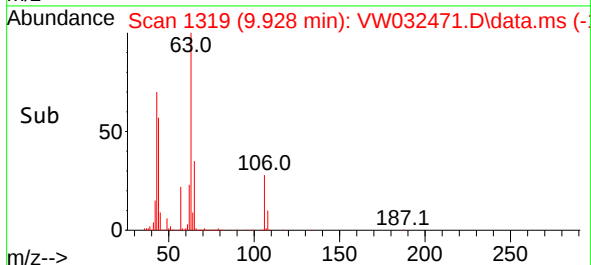
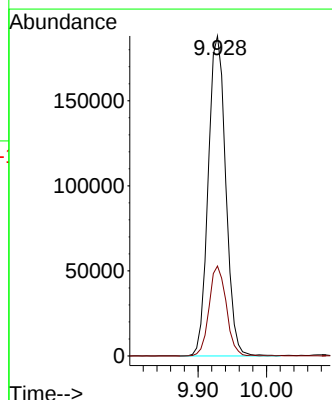
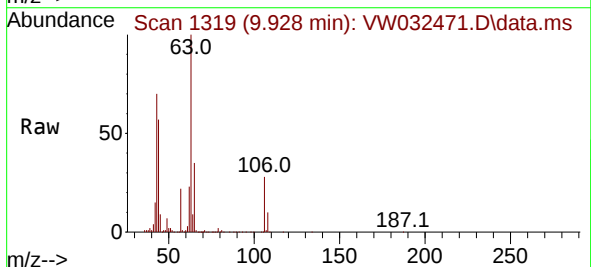
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBSD01

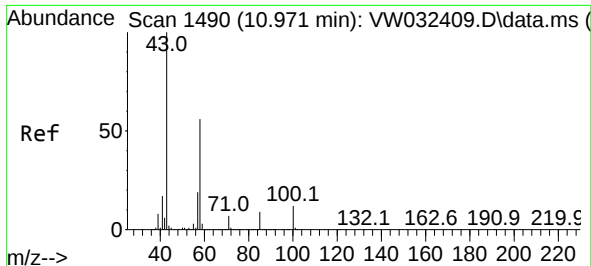
Tgt Ion: 76 Resp: 150752
Ion Ratio Lower Upper
76 100
78 31.7 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 104.343 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

Tgt Ion: 63 Resp: 334590
Ion Ratio Lower Upper
63 100
106 27.6 22.0 33.0

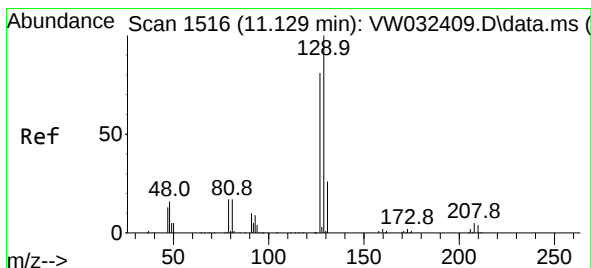
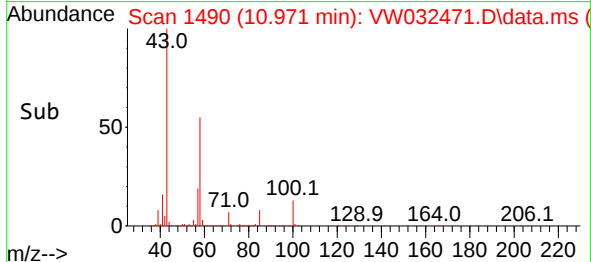
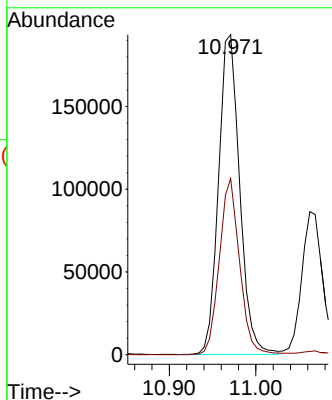
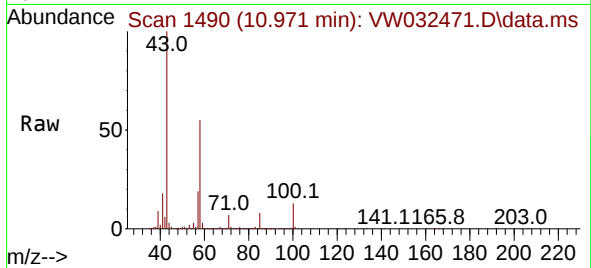




#59
2-Hexanone
Concen: 100.974 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

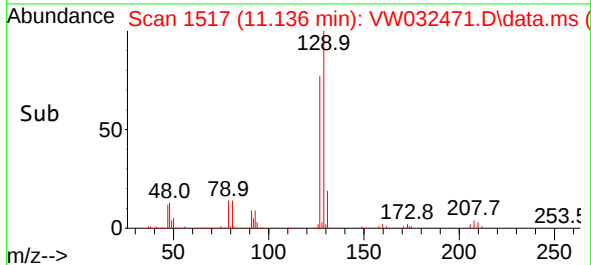
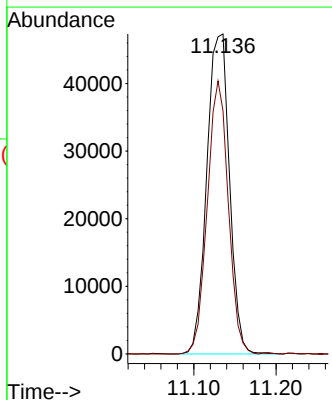
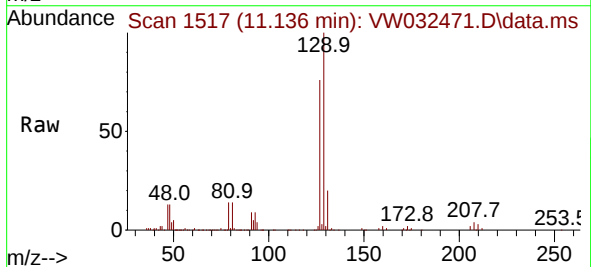
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBSD01

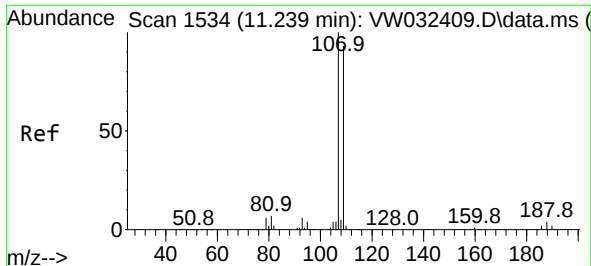
Tgt Ion: 43 Resp: 328281
Ion Ratio Lower Upper
43 100
58 52.8 27.4 82.2



#60
Dibromochloromethane
Concen: 20.720 ug/l
RT: 11.136 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

Tgt Ion: 129 Resp: 90803
Ion Ratio Lower Upper
129 100
127 78.8 39.2 117.6

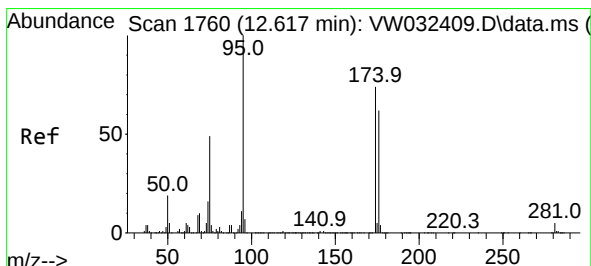
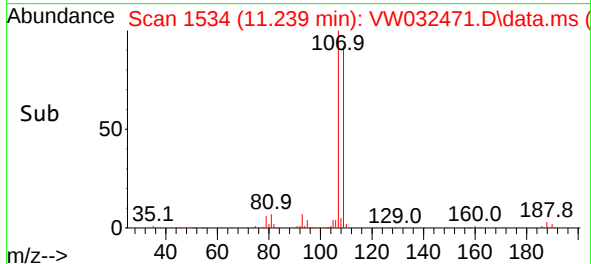
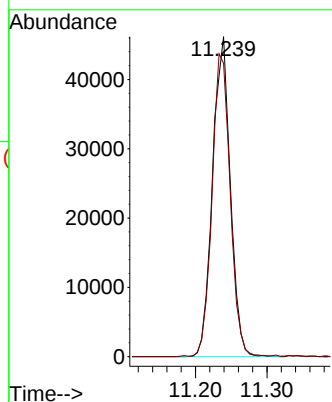
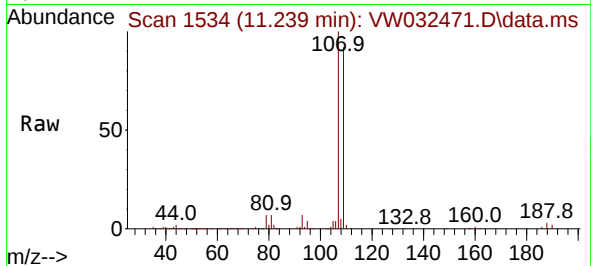




#61
1,2-Dibromoethane
Concen: 20.906 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

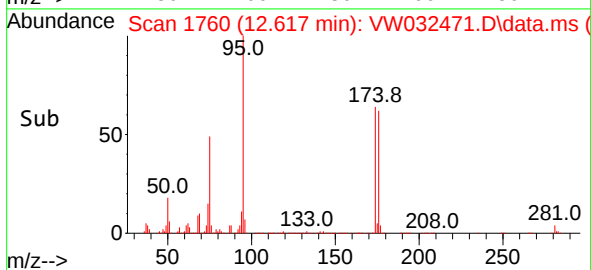
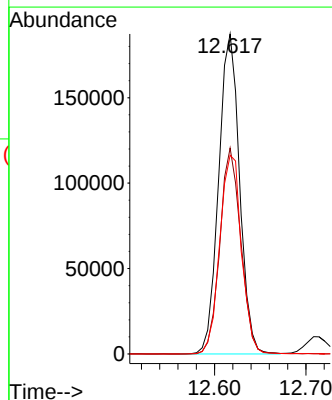
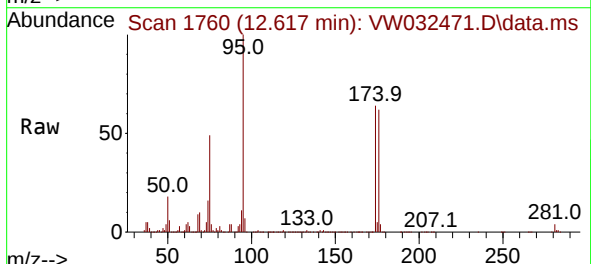
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBSD01

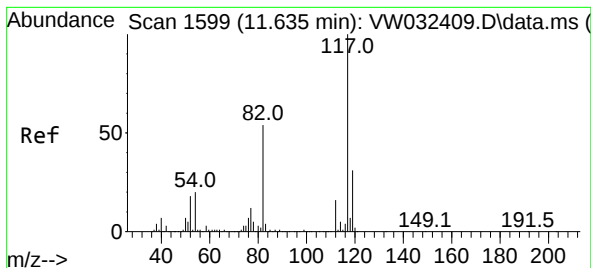
Tgt Ion:107 Resp: 79907
Ion Ratio Lower Upper
107 100
109 96.2 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 49.661 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

Tgt Ion: 95 Resp: 298194
Ion Ratio Lower Upper
95 100
174 64.4 0.0 135.4
176 64.7 0.0 131.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032471.D

Acq: 18 Nov 2025 11:02

Instrument :

MSVOA_W

ClientSampleId :

VW1118SBSD01

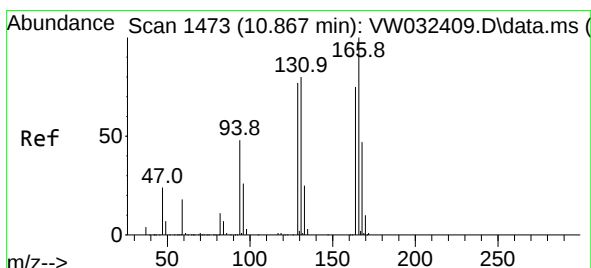
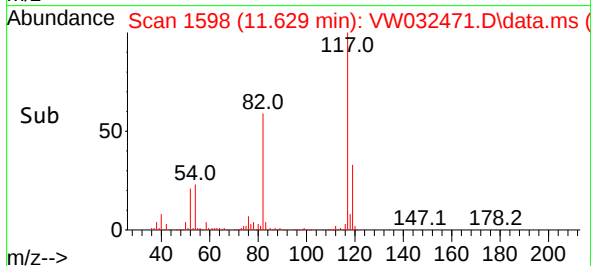
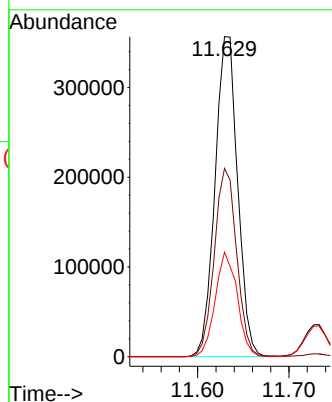
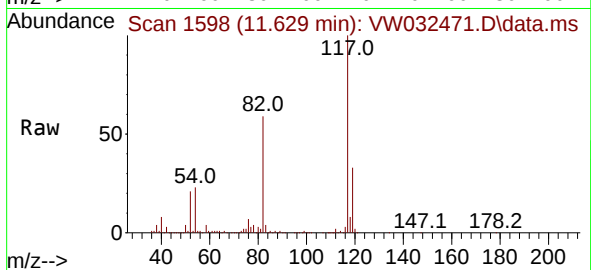
Tgt Ion:117 Resp: 614192

Ion Ratio Lower Upper

117 100

82 58.9 43.0 64.4

119 32.6 25.0 37.6



#64

Tetrachloroethene

Concen: 21.166 ug/l

RT: 10.861 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VW032471.D

Acq: 18 Nov 2025 11:02

Tgt Ion:164 Resp: 76983

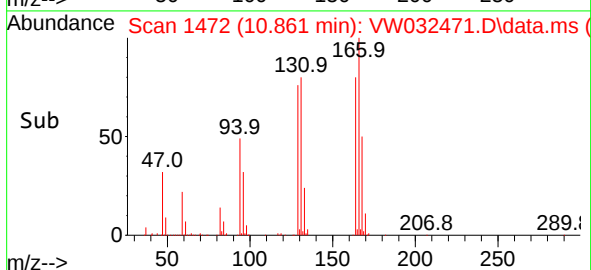
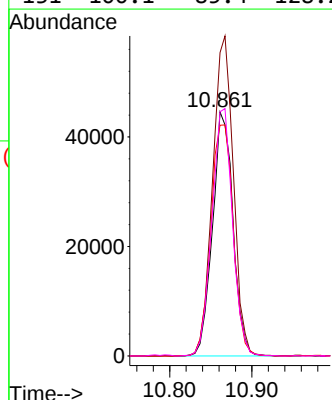
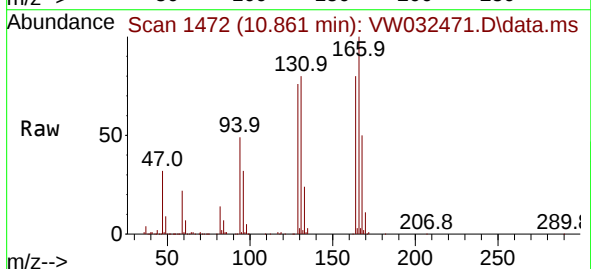
Ion Ratio Lower Upper

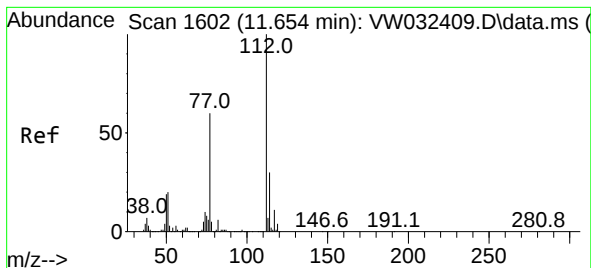
164 100

166 124.3 107.0 160.4

129 94.6 82.9 124.3

131 100.1 85.4 128.2

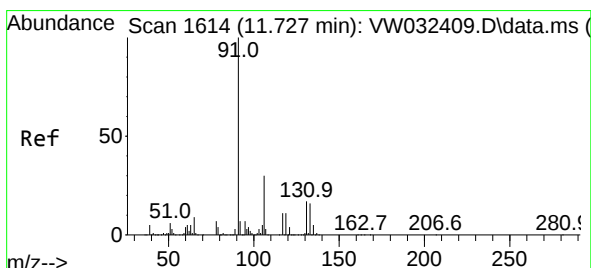
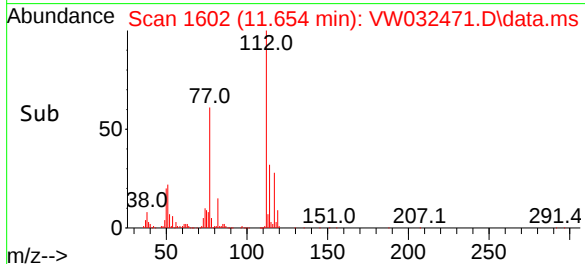
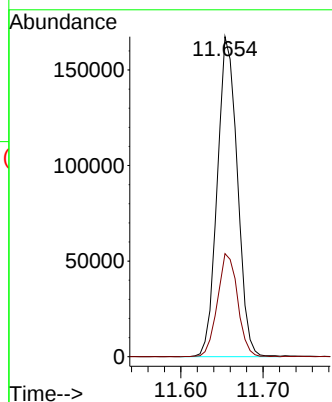
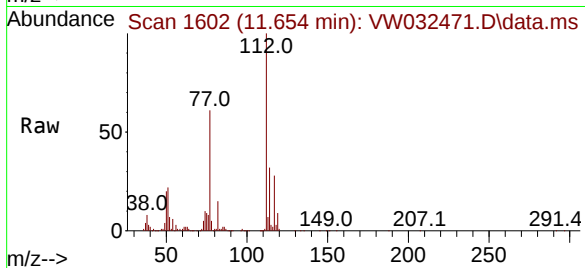




#65
Chlorobenzene
Concen: 21.470 ug/l
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

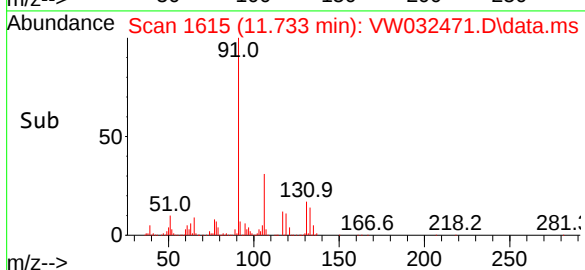
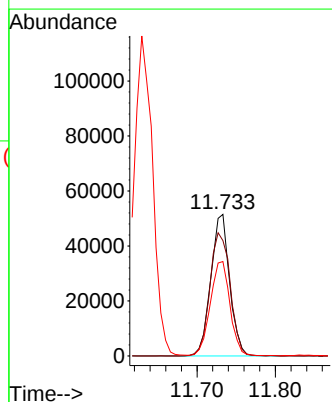
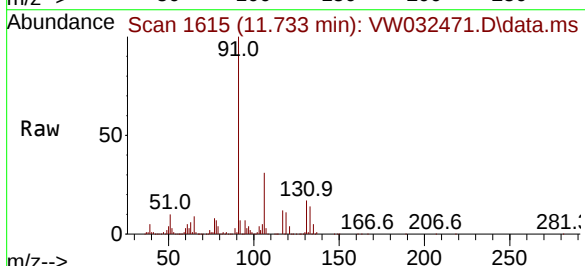
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBSD01

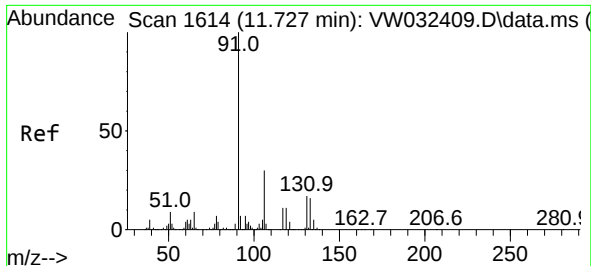
Tgt Ion:112 Resp: 284215
Ion Ratio Lower Upper
112 100
114 32.2 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.871 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

Tgt Ion:131 Resp: 85505
Ion Ratio Lower Upper
131 100
133 95.3 46.9 140.6
119 69.9 33.4 100.2

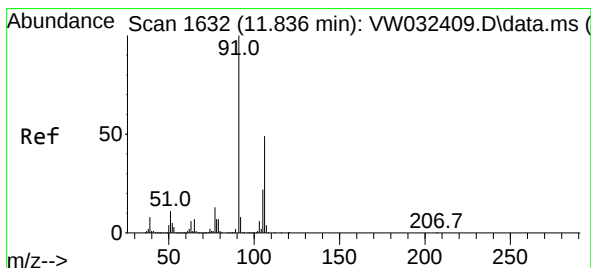
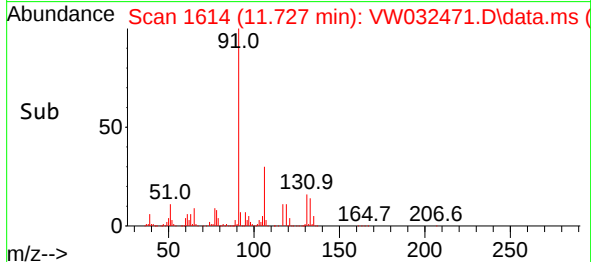
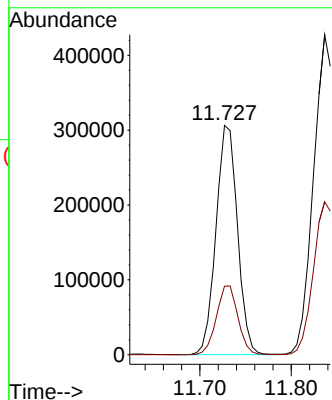
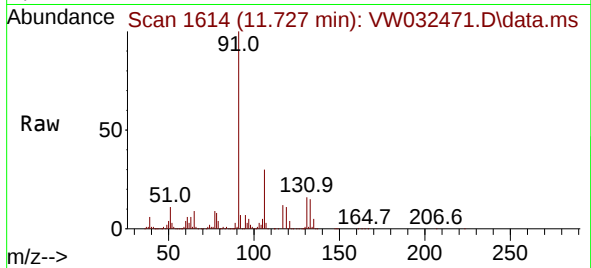




#67
Ethyl Benzene
Concen: 21.899 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

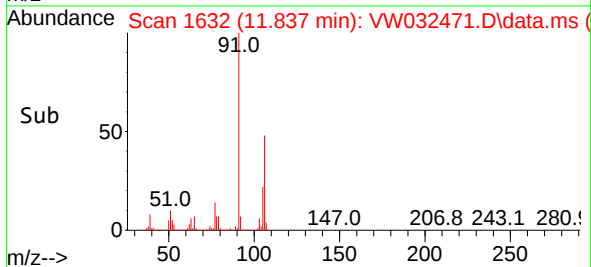
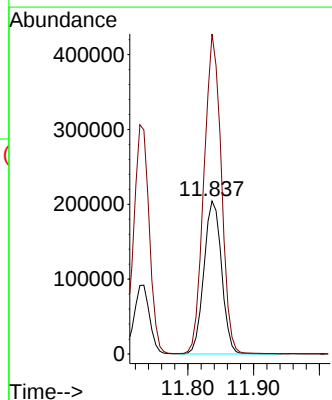
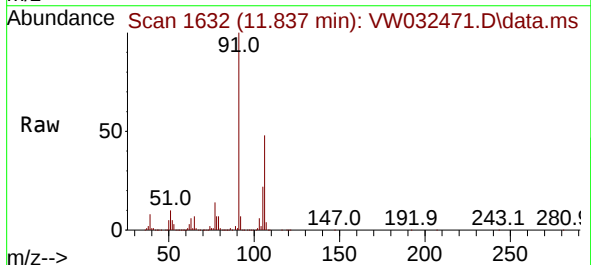
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBSD01

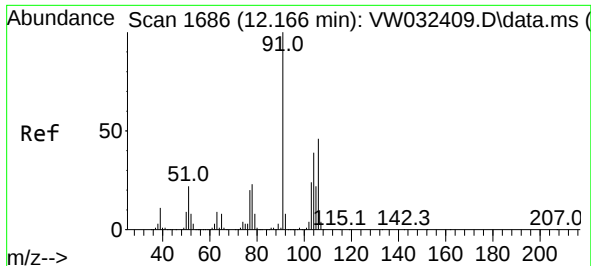
Tgt Ion: 91 Resp: 501618
Ion Ratio Lower Upper
91 100
106 29.9 24.2 36.2



#68
m/p-Xylenes
Concen: 44.363 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

Tgt Ion:106 Resp: 381526
Ion Ratio Lower Upper
106 100
91 205.5 165.5 248.3

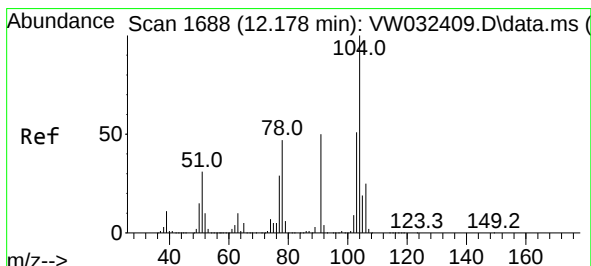
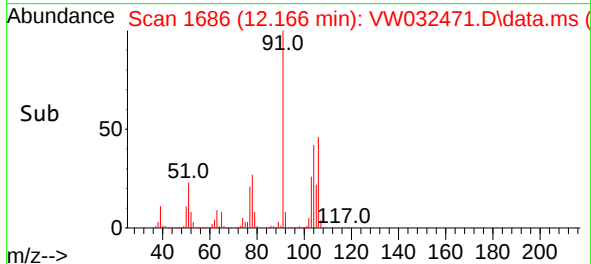
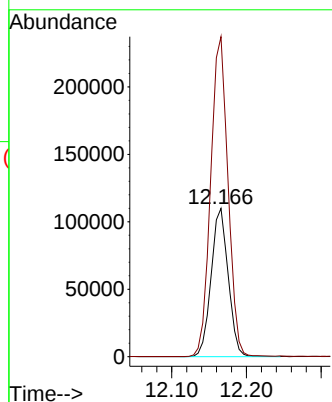
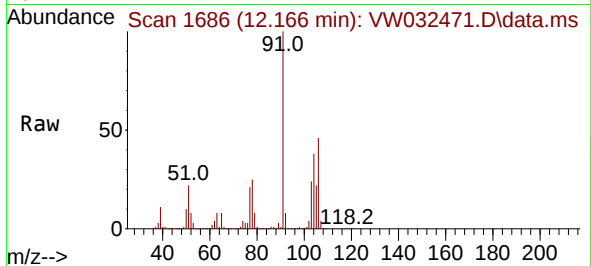




#69
o-Xylene
Concen: 21.189 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

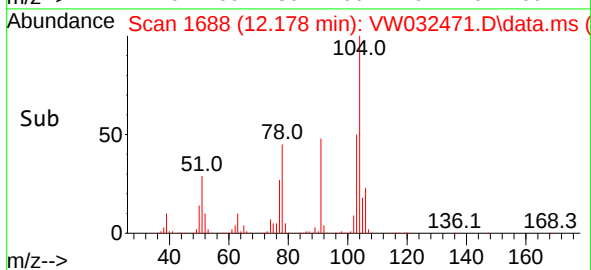
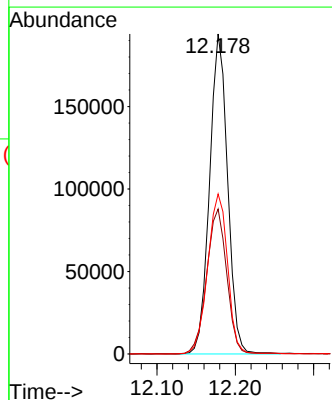
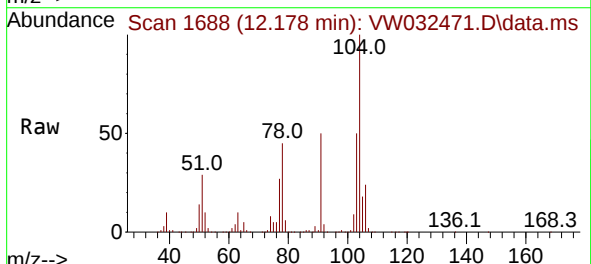
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBSD01

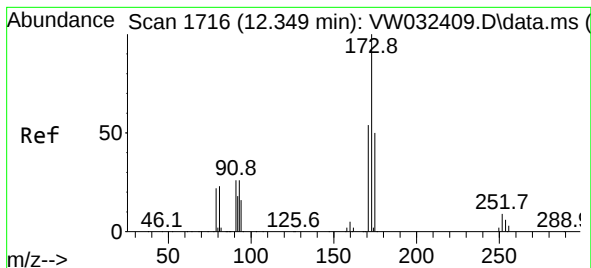
Tgt Ion:106 Resp: 174487
Ion Ratio Lower Upper
106 100
91 218.8 109.3 327.8



#70
Styrene
Concen: 21.911 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

Tgt Ion:104 Resp: 310384
Ion Ratio Lower Upper
104 100
78 50.6 40.7 61.1
103 55.0 43.9 65.9





#71

Bromoform

Concen: 19.336 ug/l

RT: 12.343 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032471.D

Acq: 18 Nov 2025 11:02

Instrument :

MSVOA_W

ClientSampleId :

VW1118SBSD01

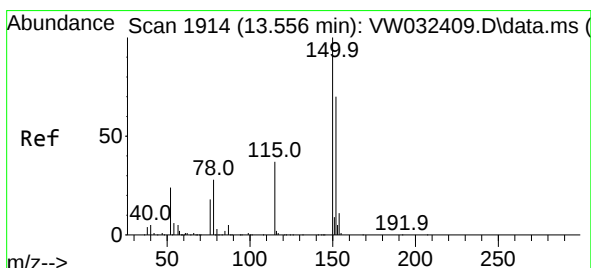
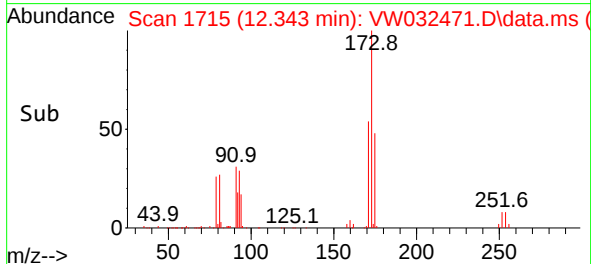
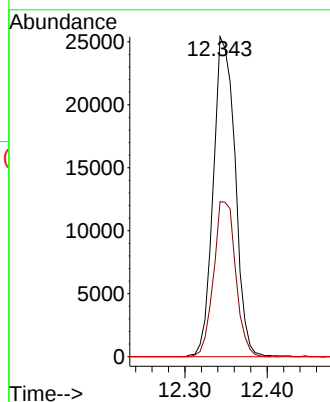
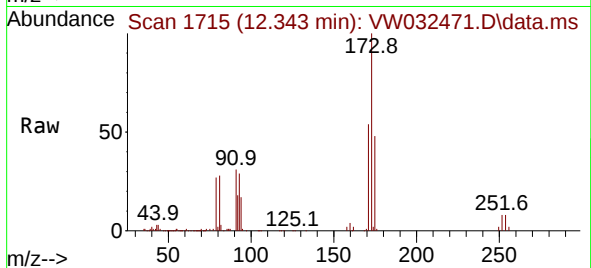
Tgt Ion:173 Resp: 46921

Ion Ratio Lower Upper

173 100

175 48.9 25.1 75.2

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW032471.D

Acq: 18 Nov 2025 11:02

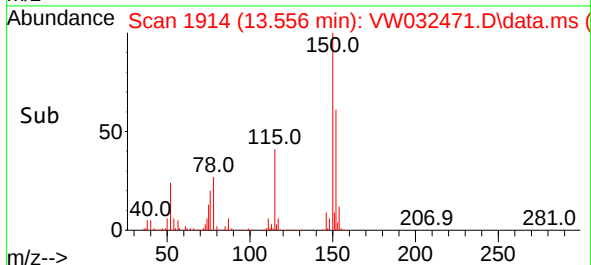
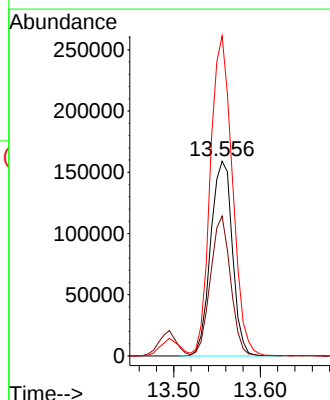
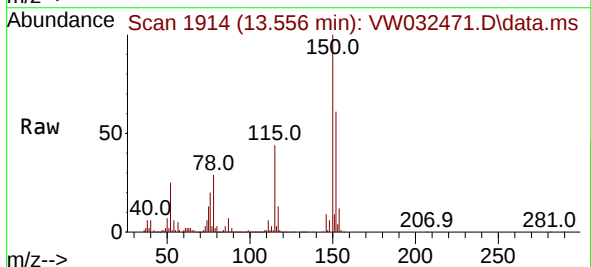
Tgt Ion:152 Resp: 277057

Ion Ratio Lower Upper

152 100

115 66.4 32.8 98.3

150 166.1 0.0 356.6





#73

Isopropylbenzene

Concen: 21.670 ug/l

RT: 12.458 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032471.D

Acq: 18 Nov 2025 11:02

Instrument :

MSVOA_W

ClientSampleId :

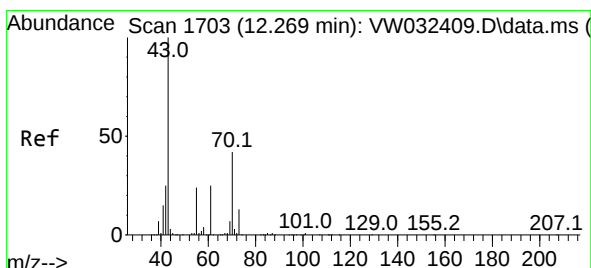
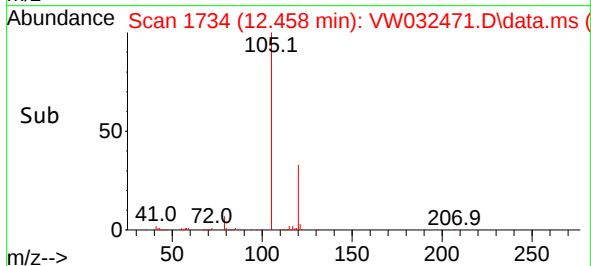
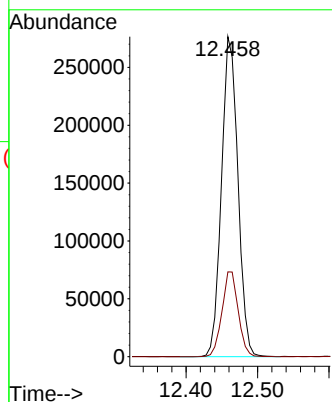
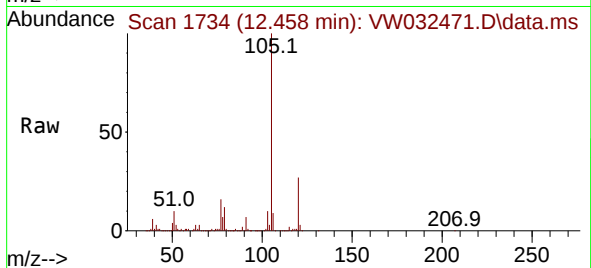
VW1118SBSD01

Tgt Ion:105 Resp: 440952

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.5



#74

N-ethyl acetate

Concen: 21.170 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW032471.D

Acq: 18 Nov 2025 11:02

Tgt Ion: 43 Resp: 149690

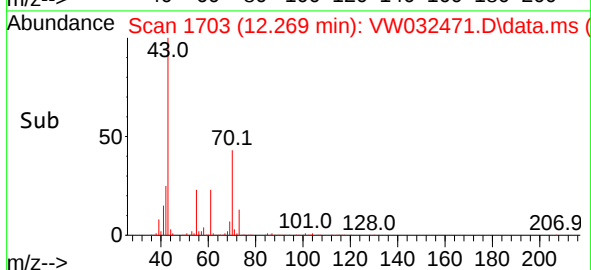
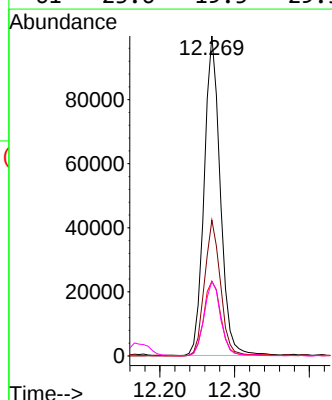
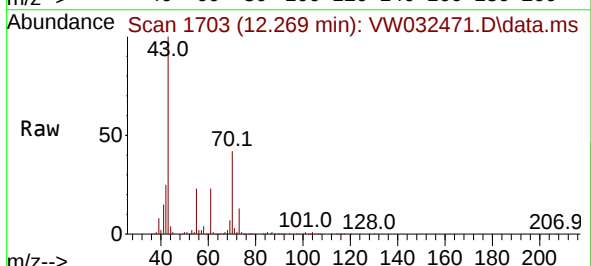
Ion Ratio Lower Upper

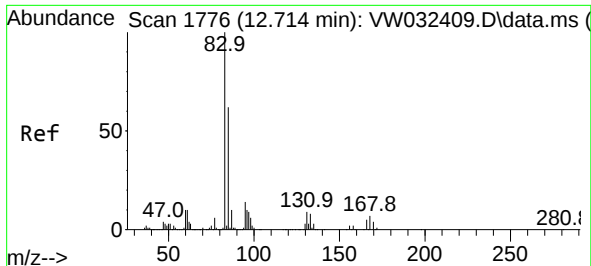
43 100

70 42.3 33.5 50.3

55 25.3 19.3 28.9

61 23.6 19.5 29.3

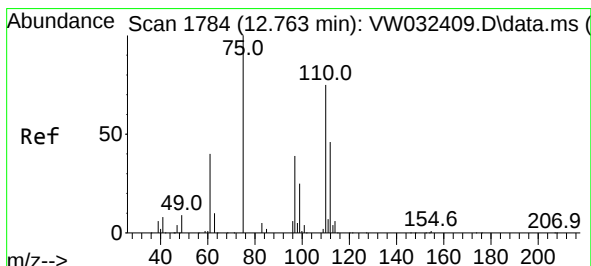
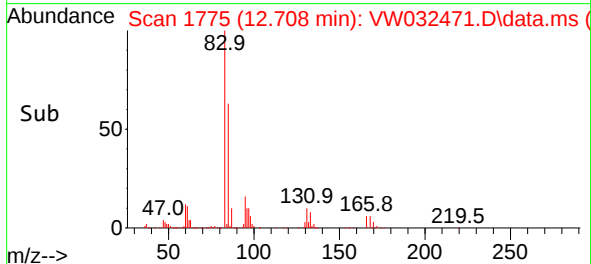
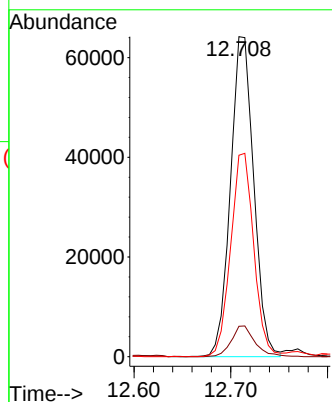
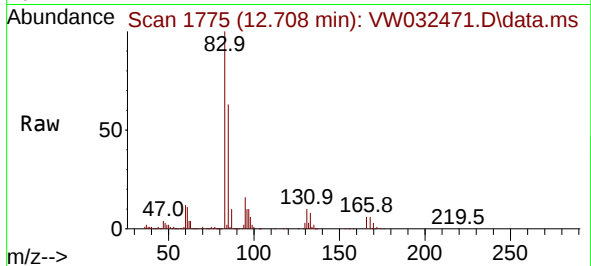




#75
1,1,2,2-Tetrachloroethane
Concen: 22.251 ug/l
RT: 12.708 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

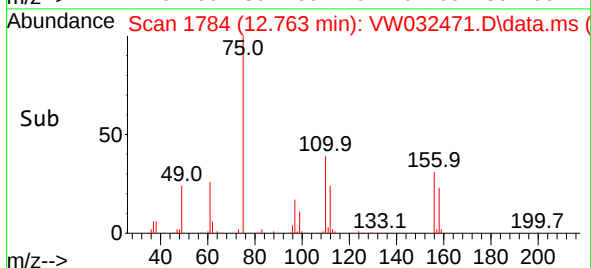
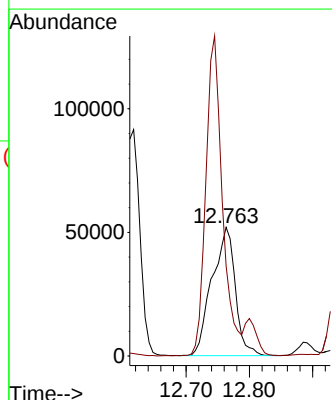
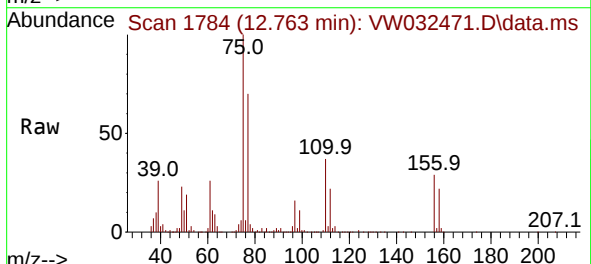
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBSD01

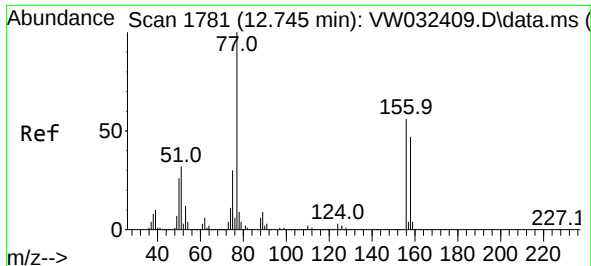
Tgt Ion: 83 Resp: 107453
Ion Ratio Lower Upper
83 100
131 9.8 5.0 14.9
85 63.0 31.6 94.8



#76
1,2,3-Trichloropropane
Concen: 34.878 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

Tgt Ion: 75 Resp: 132497
Ion Ratio Lower Upper
75 100
77 178.4 151.6 454.8

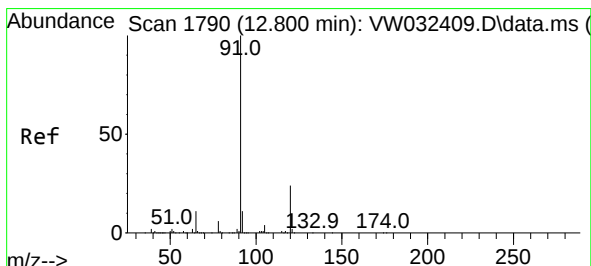
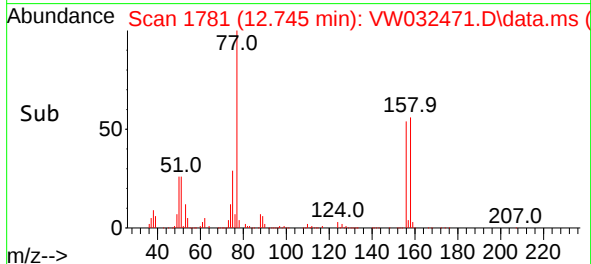
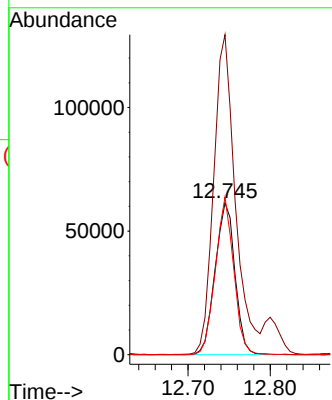
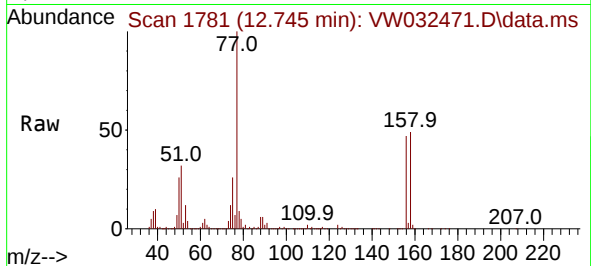




#77
Bromobenzene
Concen: 21.376 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

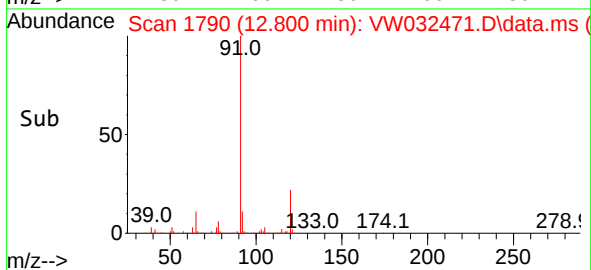
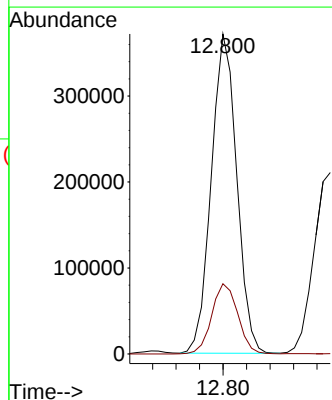
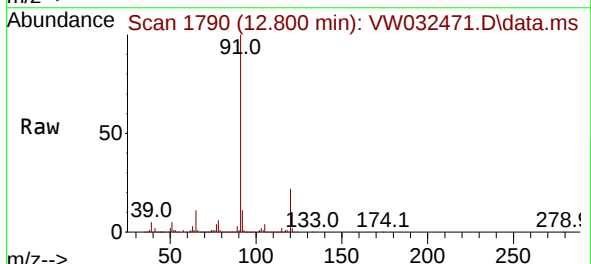
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBSD01

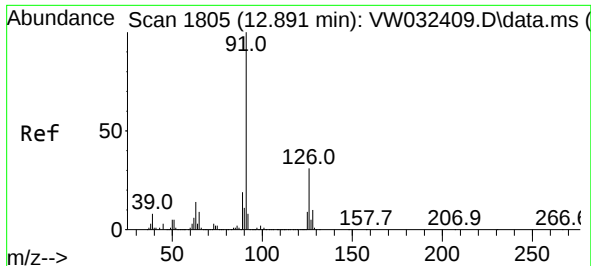
Tgt Ion:156 Resp: 102986
Ion Ratio Lower Upper
156 100
77 229.5 108.0 324.0
158 96.0 45.1 135.5



#78
n-propylbenzene
Concen: 22.568 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

Tgt Ion: 91 Resp: 559230
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.9

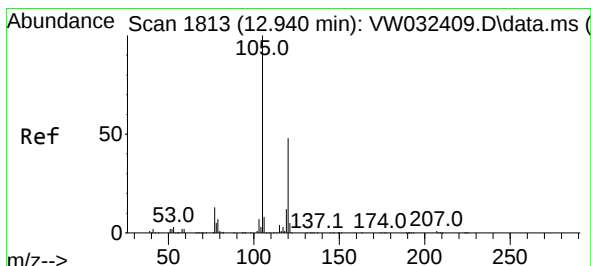
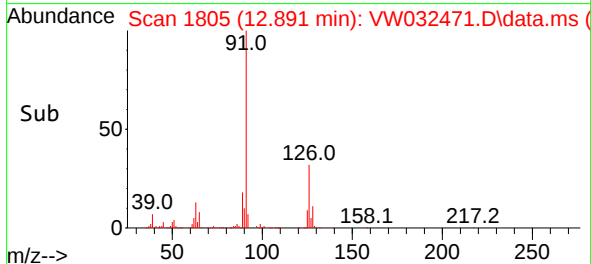
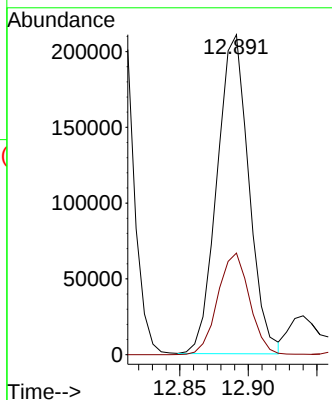
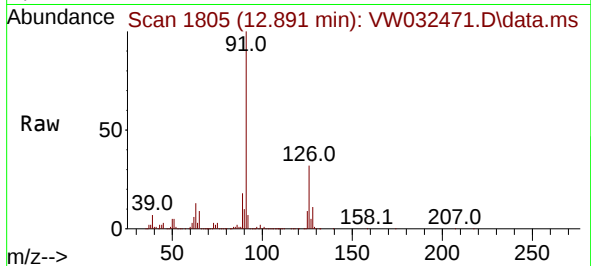




#79
2-Chlorotoluene
Concen: 22.504 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

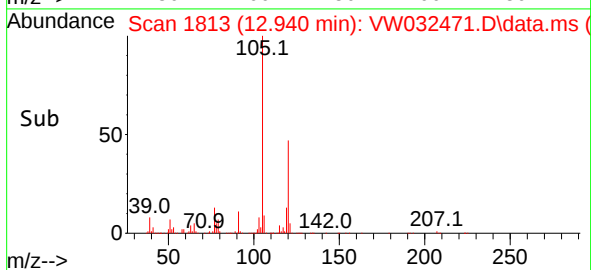
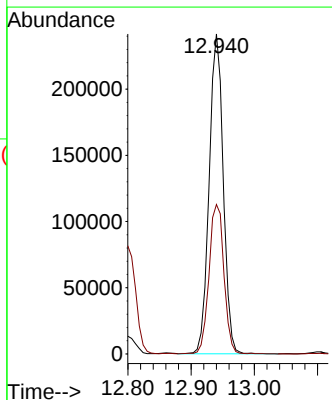
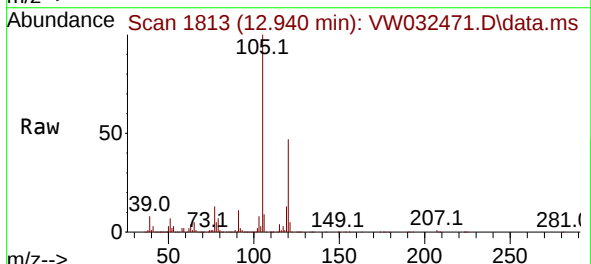
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBSD01

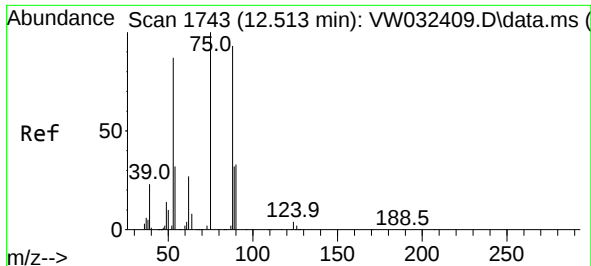
Tgt Ion: 91 Resp: 340426
Ion Ratio Lower Upper
91 100
126 31.9 16.1 48.2



#80
1,3,5-Trimethylbenzene
Concen: 22.281 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

Tgt Ion: 105 Resp: 374042
Ion Ratio Lower Upper
105 100
120 49.6 24.2 72.6

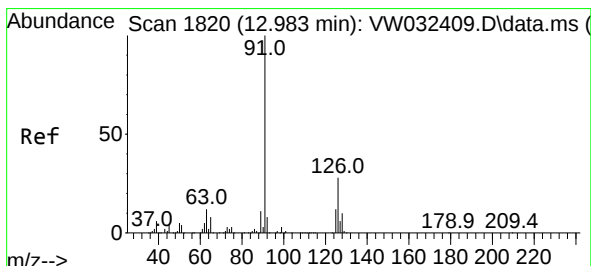
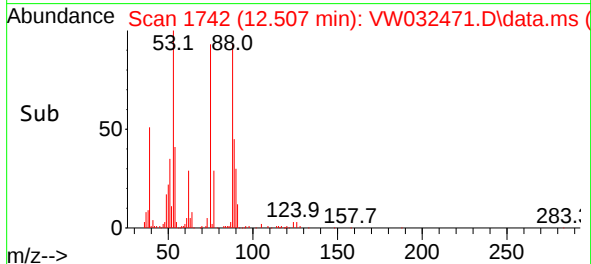
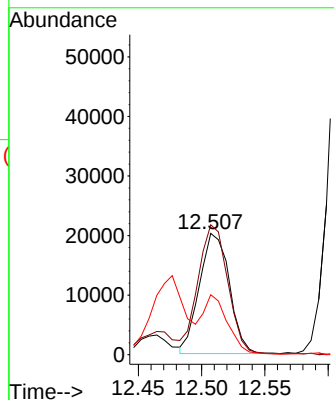
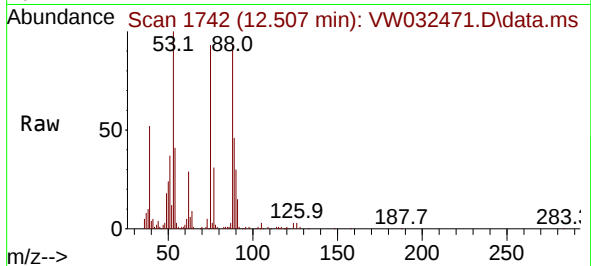




#81
trans-1,4-Dichloro-2-butene
Concen: 20.025 ug/l
RT: 12.507 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

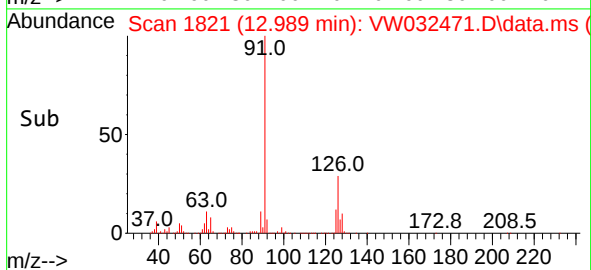
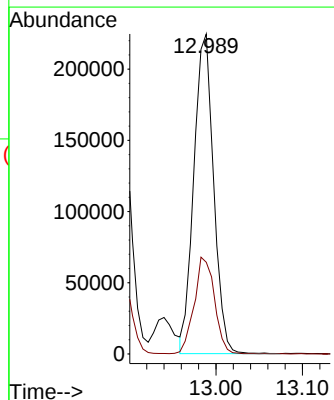
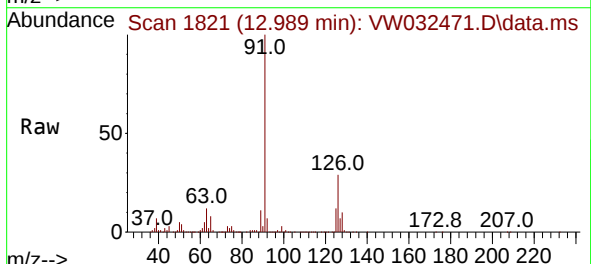
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBSD01

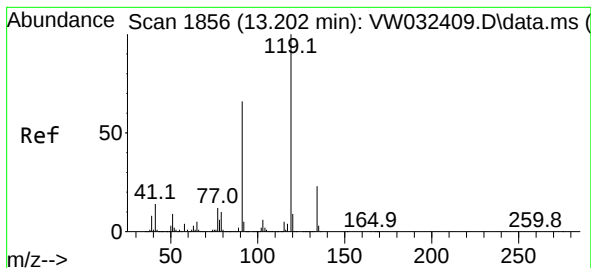
Tgt Ion: 75 Resp: 33213
Ion Ratio Lower Upper
75 100
53 106.7 77.8 116.8
89 40.8 35.6 53.4



#82
4-Chlorotoluene
Concen: 22.568 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

Tgt Ion: 91 Resp: 355073
Ion Ratio Lower Upper
91 100
126 31.2 15.5 46.5

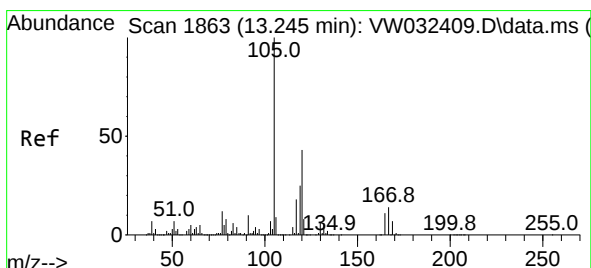
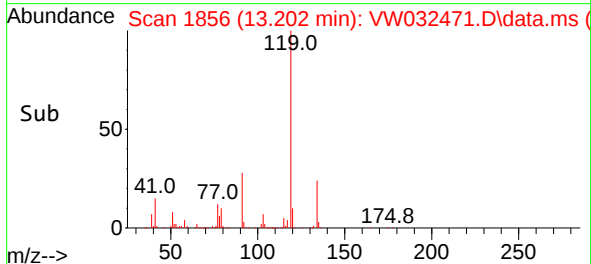
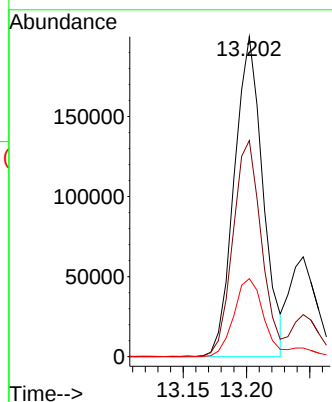
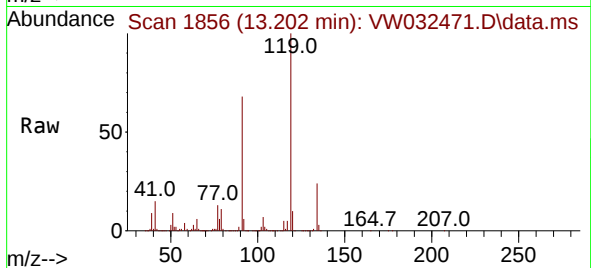




#83
tert-Butylbenzene
Concen: 21.588 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

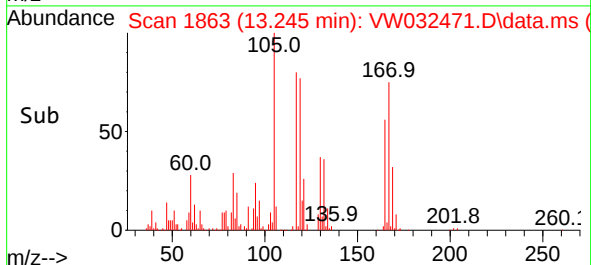
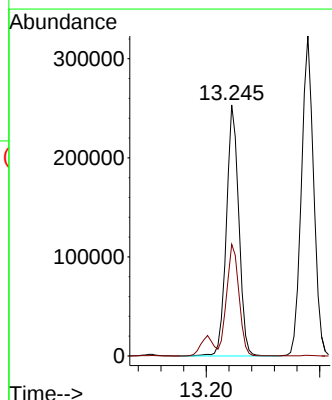
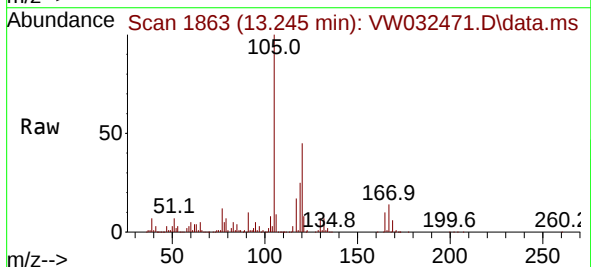
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBSD01

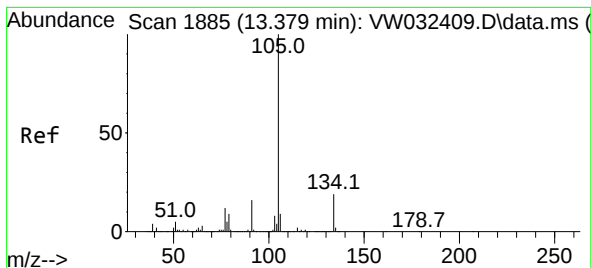
Tgt Ion:119 Resp: 315255
Ion Ratio Lower Upper
119 100
91 67.1 33.3 99.9
134 25.3 12.2 36.4



#84
1,2,4-Trimethylbenzene
Concen: 22.476 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

Tgt Ion:105 Resp: 383766
Ion Ratio Lower Upper
105 100
120 44.1 22.1 66.5

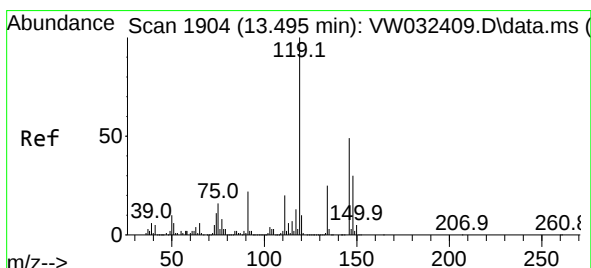
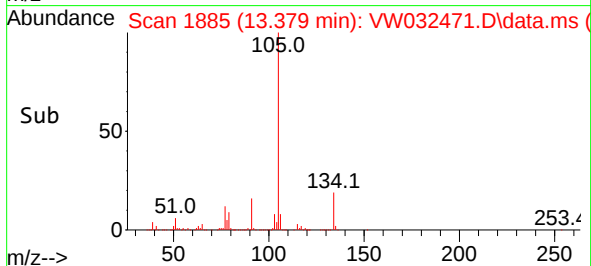
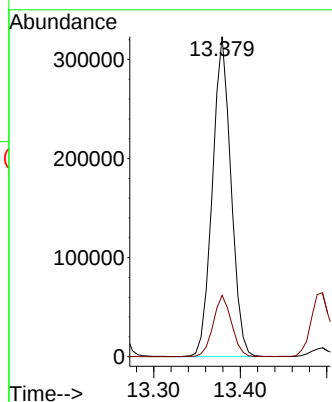
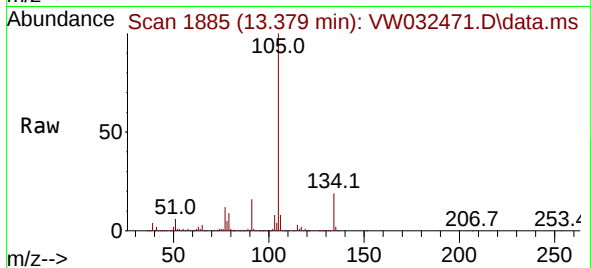




#85
 sec-Butylbenzene
 Concen: 22.154 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VW032471.D
 Acq: 18 Nov 2025 11:02

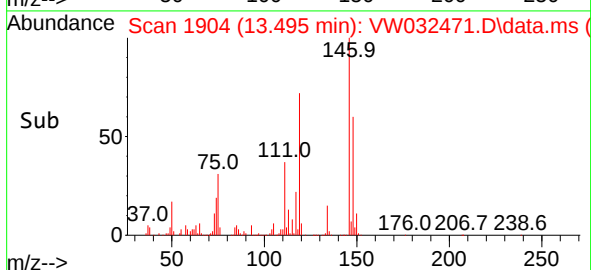
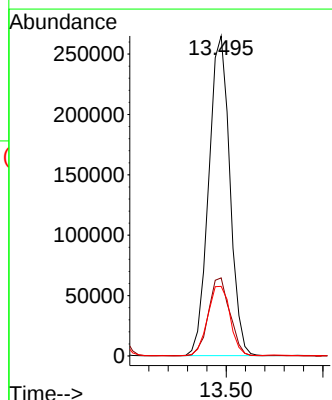
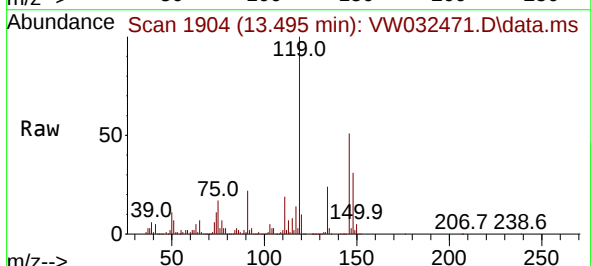
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1118SBSD01

Tgt Ion:105 Resp: 481804
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 22.347 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW032471.D
 Acq: 18 Nov 2025 11:02

Tgt Ion:119 Resp: 401289
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.7 38.1
 91 23.2 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 22.502 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032471.D

Acq: 18 Nov 2025 11:02

Instrument :

MSVOA_W

ClientSampleId :

VW1118SBSD01

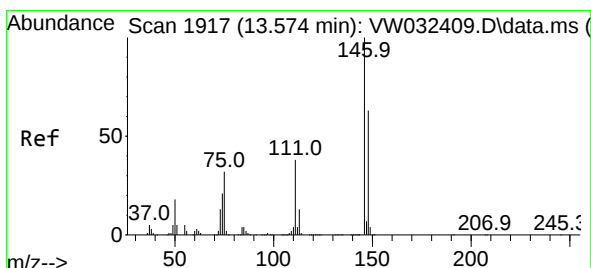
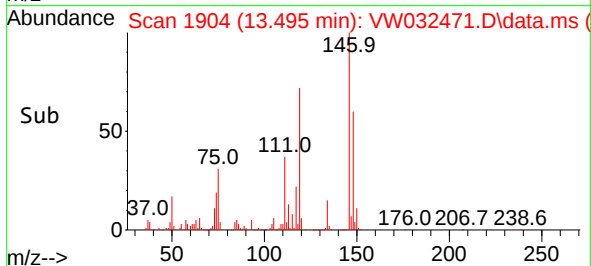
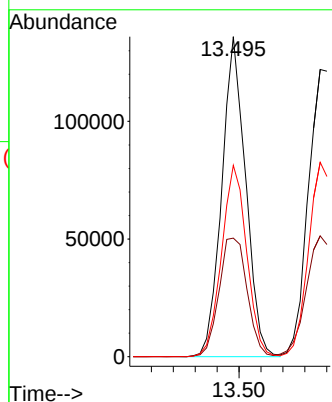
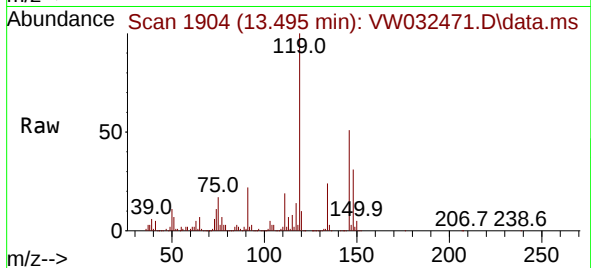
Tgt Ion:146 Resp: 205534

Ion Ratio Lower Upper

146 100

111 43.7 22.2 66.6

148 63.0 33.4 100.1



#88

1,4-Dichlorobenzene

Concen: 21.627 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032471.D

Acq: 18 Nov 2025 11:02

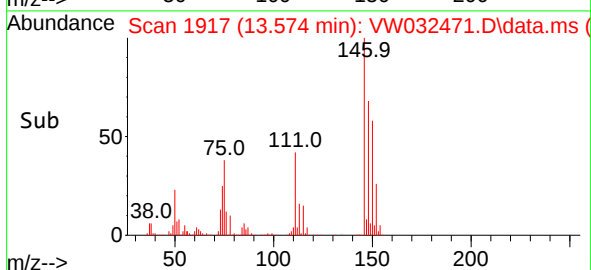
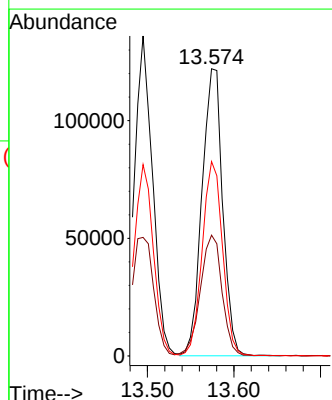
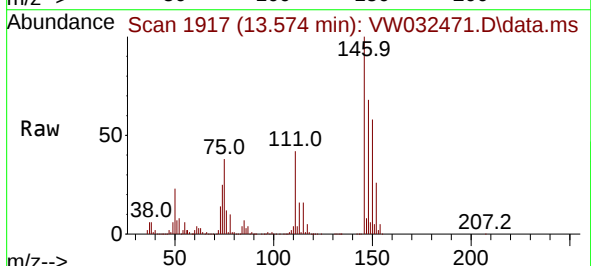
Tgt Ion:146 Resp: 202383

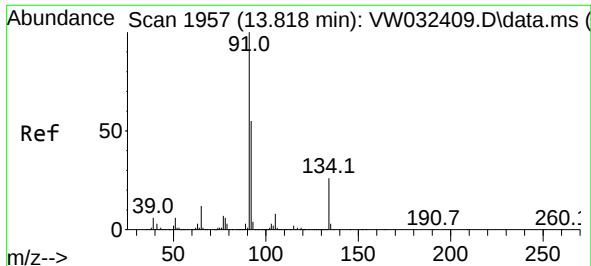
Ion Ratio Lower Upper

146 100

111 43.9 20.5 61.6

148 66.6 31.2 93.6

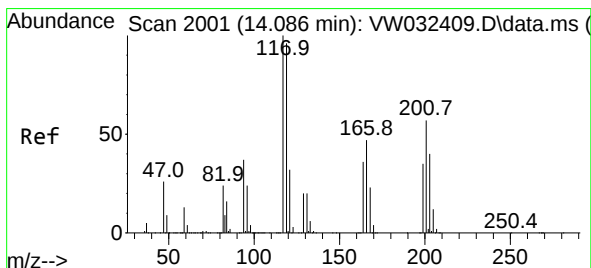
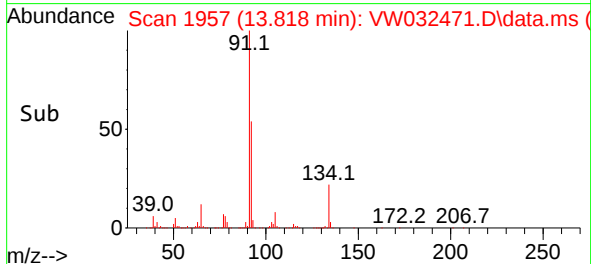
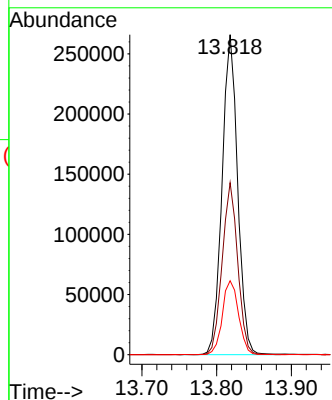
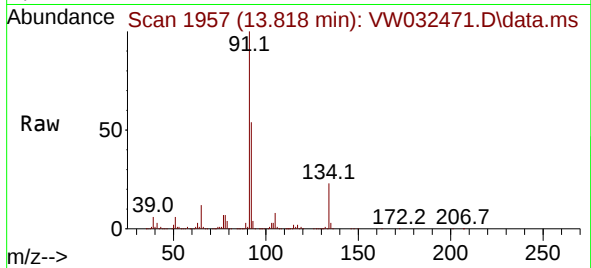




#89
n-Butylbenzene
Concen: 21.984 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

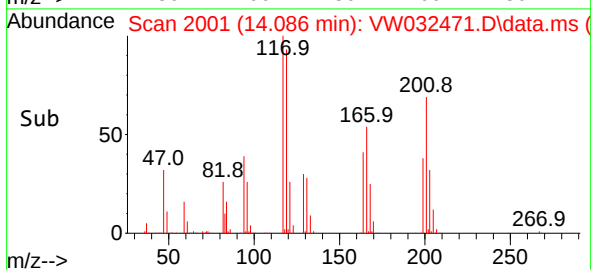
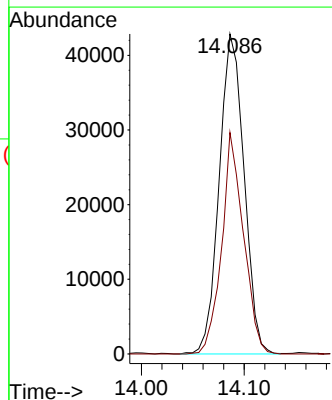
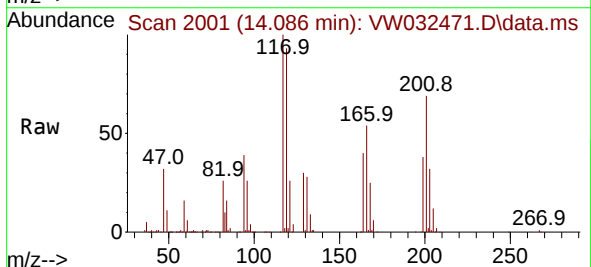
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBSD01

Tgt Ion: 91 Resp: 385664
Ion Ratio Lower Upper
91 100
92 53.6 27.4 82.2
134 24.1 12.4 37.4



#90
Hexachloroethane
Concen: 22.189 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

Tgt Ion: 117 Resp: 71838
Ion Ratio Lower Upper
117 100
201 60.7 32.0 96.0





#91

1,2-Dichlorobenzene

Concen: 21.700 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW032471.D

Acq: 18 Nov 2025 11:02

Instrument :

MSVOA_W

ClientSampleId :

VW1118SBSD01

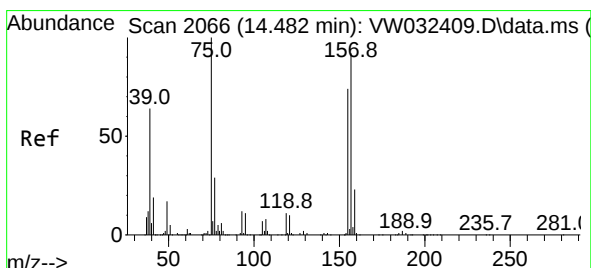
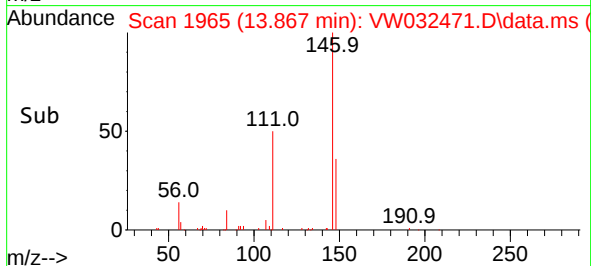
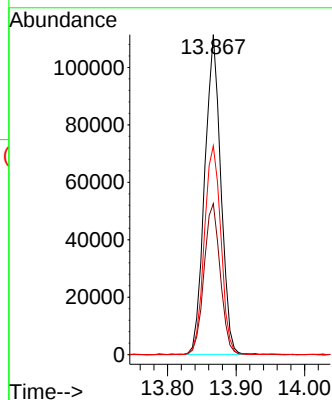
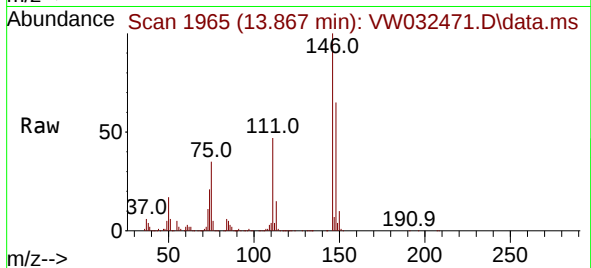
Tgt Ion:146 Resp: 181954

Ion Ratio Lower Upper

146 100

111 47.6 23.4 70.2

148 67.3 34.0 101.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.830 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW032471.D

Acq: 18 Nov 2025 11:02

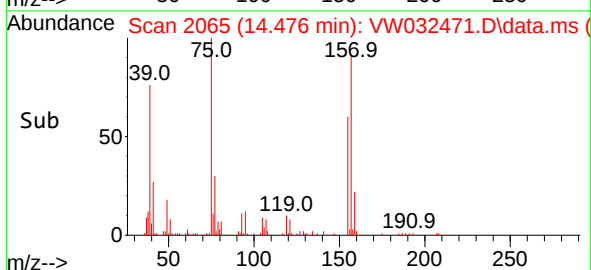
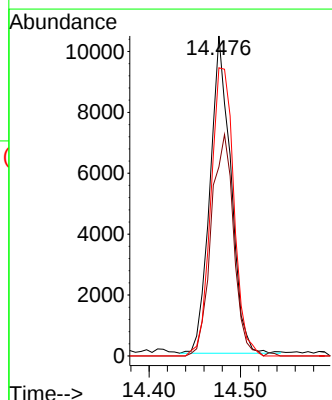
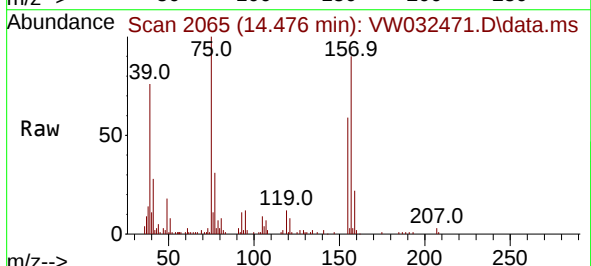
Tgt Ion: 75 Resp: 16497

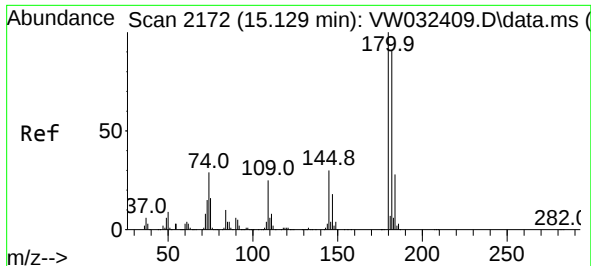
Ion Ratio Lower Upper

75 100

155 75.7 36.2 108.6

157 100.1 47.8 143.3

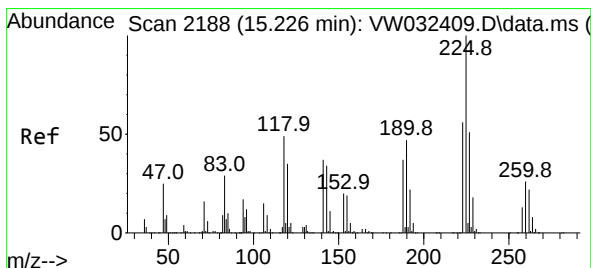
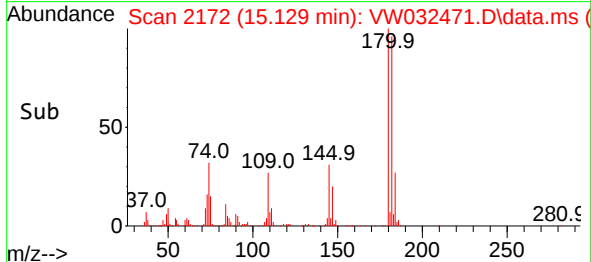
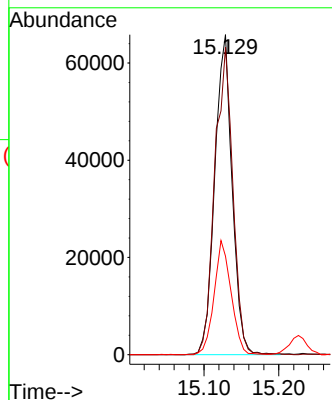
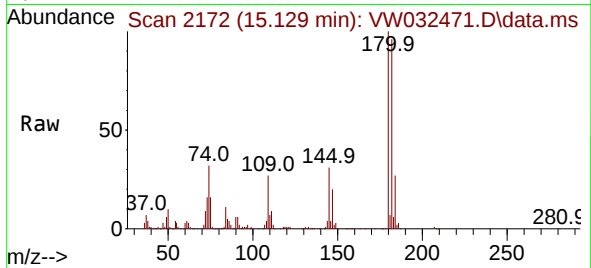




#93
1,2,4-Trichlorobenzene
Concen: 19.922 ug/l
RT: 15.129 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

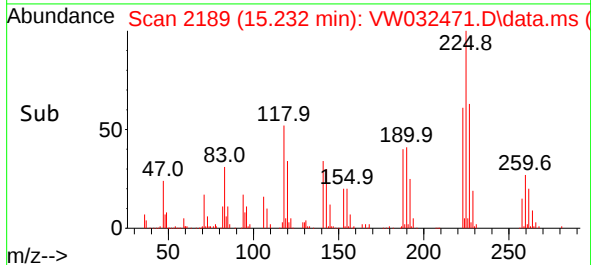
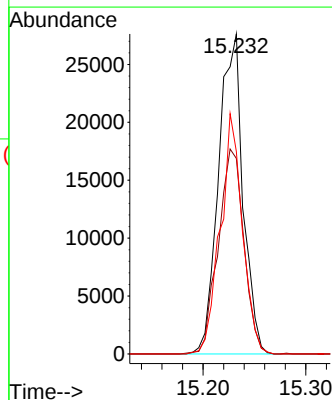
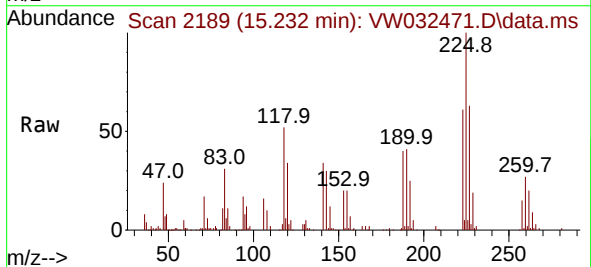
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01

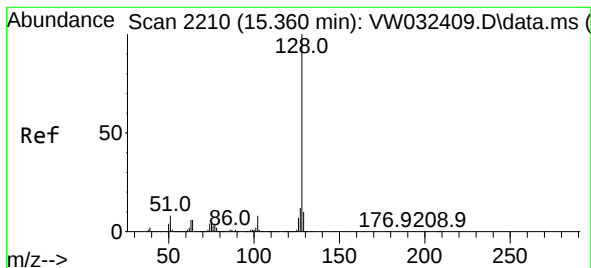
Tgt Ion:180 Resp: 106304
Ion Ratio Lower Upper
180 100
182 99.6 45.3 135.9
145 35.0 16.2 48.5



#94
Hexachlorobutadiene
Concen: 20.531 ug/l
RT: 15.232 min Scan# 2189
Delta R.T. 0.006 min
Lab File: VW032471.D
Acq: 18 Nov 2025 11:02

Tgt Ion:225 Resp: 45508
Ion Ratio Lower Upper
225 100
223 67.2 30.6 91.8
227 68.1 29.8 89.4





#95

Naphthalene

Concen: 19.263 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW032471.D

Acq: 18 Nov 2025 11:02

Instrument :

MSVOA_W

ClientSampleId :

VW1118SBSD01

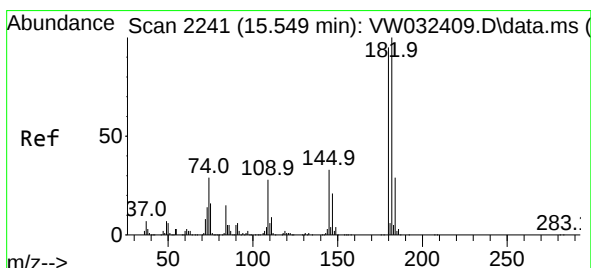
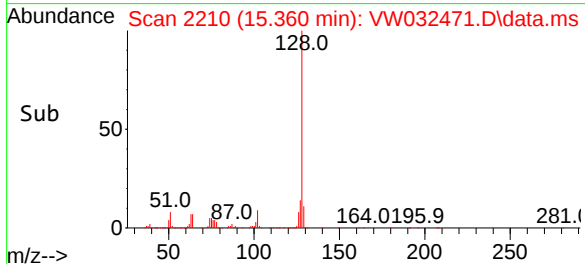
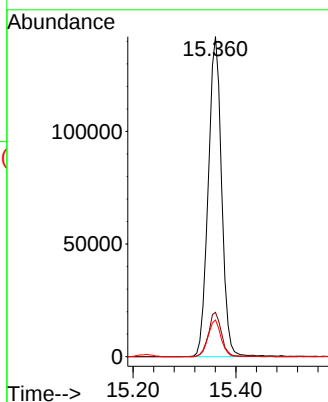
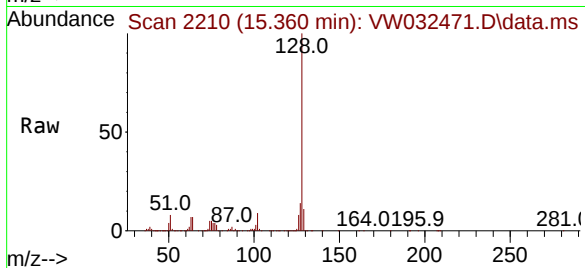
Tgt Ion:128 Resp: 256327

Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.4

129 11.1 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 20.475 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW032471.D

Acq: 18 Nov 2025 11:02

Tgt Ion:180 Resp: 99190

Ion Ratio Lower Upper

180 100

182 96.3 50.3 151.0

145 37.2 17.8 53.3

