

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112025\
 Data File : VW032511.D
 Acq On : 20 Nov 2025 09:15
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 21 01:14:37 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	337313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	607386	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	557641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.550	152	270193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	229856	52.855	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 105.720%	
35) Dibromofluoromethane	7.898	113	193897	53.319	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 106.640%	
50) Toluene-d8	10.325	98	757307	54.283	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 108.560%	
62) 4-Bromofluorobenzene	12.617	95	271851	51.583	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 103.160%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.040	85	83085	48.548	ug/l	96
3) Chloromethane	2.253	50	156582	53.378	ug/l	99
4) Vinyl Chloride	2.405	62	213075	57.554	ug/l	98
5) Bromomethane	2.820	94	141135	56.991	ug/l	99
6) Chloroethane	2.966	64	137131	56.616	ug/l	99
7) Trichlorofluoromethane	3.302	101	155529	53.583	ug/l	98
8) Diethyl Ether	3.716	74	125766	52.996	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.100	101	182808	57.817	ug/l	98
10) Methyl Iodide	4.307	142	278265	54.641	ug/l	99
11) Tert butyl alcohol	5.204	59	83549	222.182	ug/l	100
12) 1,1-Dichloroethene	4.076	96	202701	55.908	ug/l	96
13) Acrolein	3.929	56	100797	159.762	ug/l	99
14) Allyl chloride	4.704	41	381345	54.695	ug/l	99
15) Acrylonitrile	5.393	53	371333	270.630	ug/l	99
16) Acetone	4.155	43	366918	282.018	ug/l	96
17) Carbon Disulfide	4.417	76	594959	55.521	ug/l	98
18) Methyl Acetate	4.704	43	178408	55.375	ug/l	100
19) Methyl tert-butyl Ether	5.460	73	405988	53.121	ug/l	98
20) Methylene Chloride	4.948	84	257041	55.244	ug/l	96
21) trans-1,2-Dichloroethene	5.460	96	232325	56.040	ug/l	97
22) Diisopropyl ether	6.338	45	790107	55.658	ug/l	98
23) Vinyl Acetate	6.277	43	2613915	268.755	ug/l	99
24) 1,1-Dichloroethane	6.240	63	447570	57.546	ug/l	99
25) 2-Butanone	7.191	43	498372	260.007	ug/l	99
26) 2,2-Dichloropropane	7.185	77	234037	53.993	ug/l	98
27) cis-1,2-Dichloroethene	7.185	96	274018	55.317	ug/l	98
28) Bromochloromethane	7.526	49	204138	55.533	ug/l	98
29) Tetrahydrofuran	7.545	42	326746	268.576	ug/l	99
30) Chloroform	7.691	83	444493	58.379	ug/l	97
31) Cyclohexane	7.965	56	376474	52.328	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	307154	56.471	ug/l	98
36) 1,1-Dichloropropene	8.093	75	303484	56.640	ug/l	98
37) Ethyl Acetate	7.270	43	218945	54.952	ug/l	98
38) Carbon Tetrachloride	8.075	117	278693	58.538	ug/l	97
39) Methylcyclohexane	9.343	83	385451	55.530	ug/l	96
40) Benzene	8.337	78	995668	57.703	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	112399	51.355	ug/l	97
42) 1,2-Dichloroethane	8.410	62	297240	58.647	ug/l	99
43) Isopropyl Acetate	8.429	43	374631	53.102	ug/l	98
44) Trichloroethene	9.099	130	220539	54.927	ug/l	90
45) 1,2-Dichloropropane	9.374	63	248521	57.842	ug/l	99
46) Dibromomethane	9.465	93	145504	57.953	ug/l	100
47) Bromodichloromethane	9.648	83	327748	57.226	ug/l	99
48) Methyl methacrylate	9.441	41	178851	53.350	ug/l	97
49) 1,4-Dioxane	9.465	88	39519	1123.577	ug/l #	97
51) 4-Methyl-2-Pentanone	10.209	43	1090252	279.543	ug/l	99
52) Toluene	10.392	92	614010	57.609	ug/l	99
53) t-1,3-Dichloropropene	10.605	75	324443	55.005	ug/l	100
54) cis-1,3-Dichloropropene	10.075	75	390777	57.290	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	195488	56.756	ug/l	98
56) Ethyl methacrylate	10.648	69	283165	53.581	ug/l	99
57) 1,3-Dichloropropane	10.934	76	344031	55.924	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	778026	276.444	ug/l	100
59) 2-Hexanone	10.965	43	779753	273.265	ug/l	98
60) Dibromochloromethane	11.129	129	218768	56.876	ug/l	98
61) 1,2-Dibromoethane	11.233	107	187185	55.798	ug/l	99
64) Tetrachloroethene	10.867	164	183526	55.576	ug/l #	88
65) Chlorobenzene	11.654	112	661763	55.059	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.727	131	205579	55.268	ug/l	98
67) Ethyl Benzene	11.727	91	1168712	56.197	ug/l	99
68) m/p-Xylenes	11.837	106	871604	111.625	ug/l	98
69) o-Xylene	12.166	106	414420	55.430	ug/l	99
70) Styrene	12.178	104	736990	57.303	ug/l	99
71) Bromoform	12.349	173	117203	53.196	ug/l #	95
73) Isopropylbenzene	12.458	105	1048001	52.812	ug/l	98
74) N-amyl acetate	12.269	43	343061	49.751	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.708	83	244181	51.849	ug/l	98
76) 1,2,3-Trichloropropane	12.763	75	312217	84.274	ug/l #	1
77) Bromobenzene	12.739	156	245834	52.323	ug/l	97
78) n-propylbenzene	12.800	91	1323237	54.756	ug/l	99
79) 2-Chlorotoluene	12.885	91	795531	53.926	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	870033	53.144	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.507	75	82814	51.199	ug/l	97
82) 4-Chlorotoluene	12.983	91	813607	53.025	ug/l	97
83) tert-Butylbenzene	13.202	119	763927	53.642	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	892057	53.573	ug/l	100
85) sec-Butylbenzene	13.379	105	1119872	52.800	ug/l	99
86) p-Isopropyltoluene	13.495	119	927196	52.946	ug/l	100
87) 1,3-Dichlorobenzene	13.501	146	470529	52.821	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	479905	52.586	ug/l	98
89) n-Butylbenzene	13.818	91	913882	53.416	ug/l	98
90) Hexachloroethane	14.086	117	161363	51.106	ug/l	95
91) 1,2-Dichlorobenzene	13.867	146	435287	53.231	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.476	75	39923	49.209	ug/l	96
93) 1,2,4-Trichlorobenzene	15.123	180	252026	48.431	ug/l	96
94) Hexachlorobutadiene	15.220	225	101225	46.828	ug/l	91
95) Naphthalene	15.360	128	626649	48.290	ug/l	99
96) 1,2,3-Trichlorobenzene	15.543	180	237412	50.252	ug/l	93

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ClientSampleId :

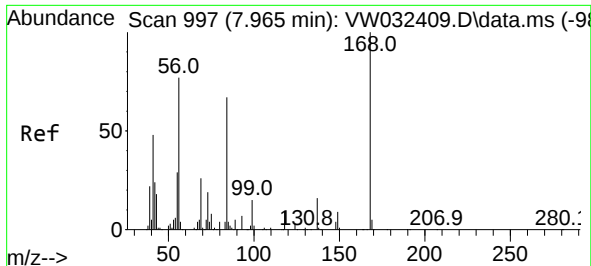
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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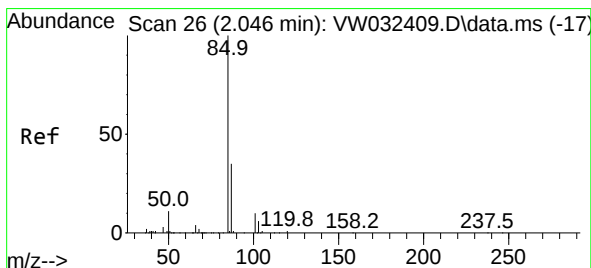
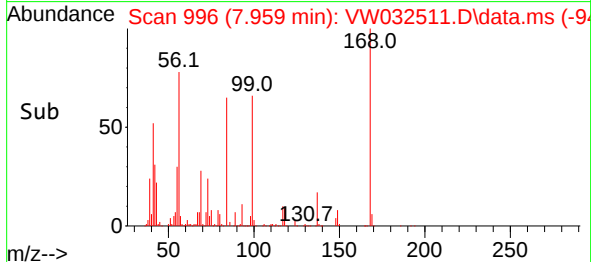
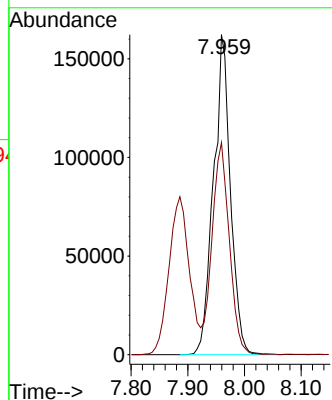
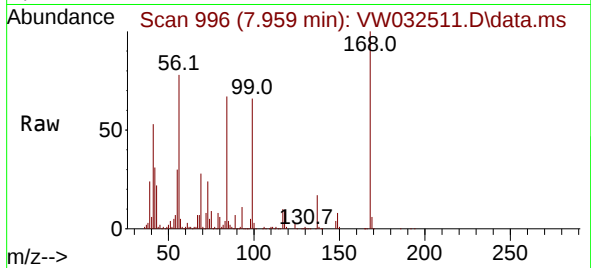




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
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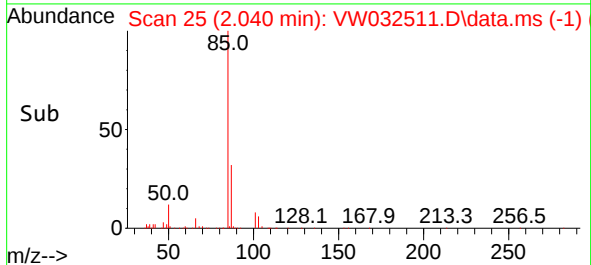
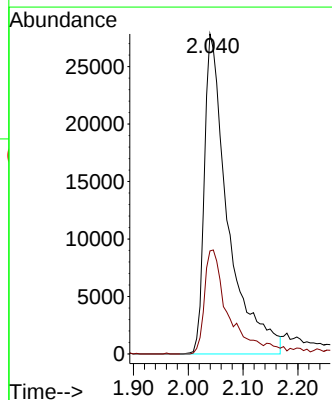
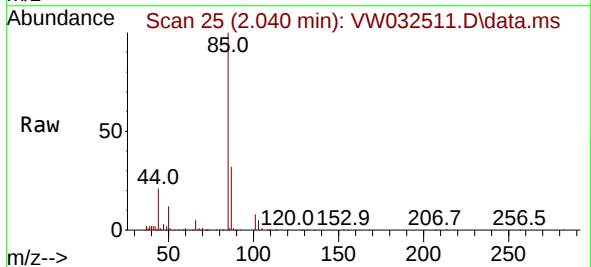
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:168 Resp: 337313
Ion Ratio Lower Upper
168 100
99 66.3 45.4 68.2



#2
Dichlorodifluoromethane
Concen: 48.548 ug/l
RT: 2.040 min Scan# 25
Delta R.T. -0.006 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

Tgt Ion: 85 Resp: 83085
Ion Ratio Lower Upper
85 100
87 32.2 17.4 52.2

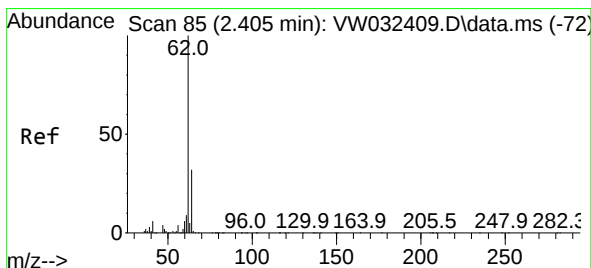
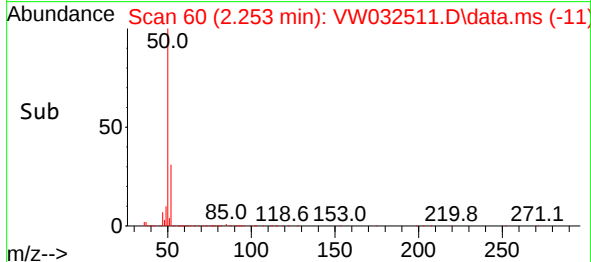
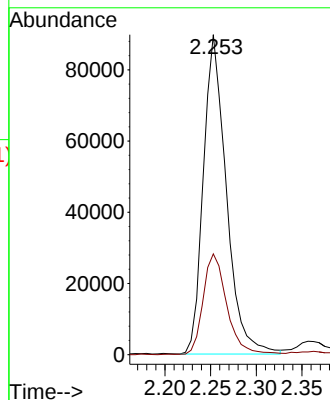
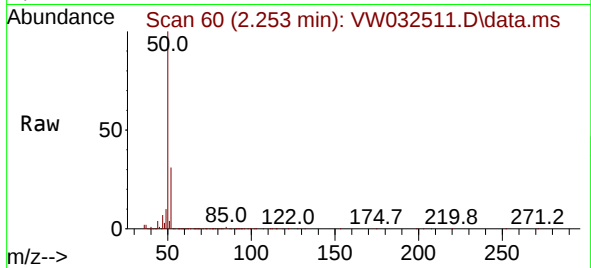




#3
Chloromethane
Concen: 53.378 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

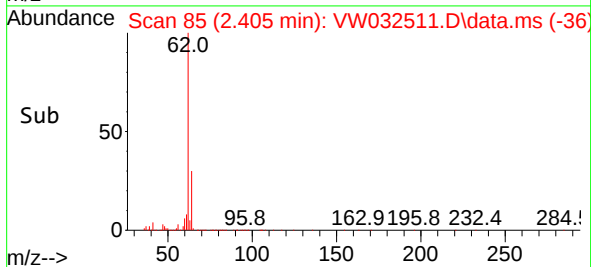
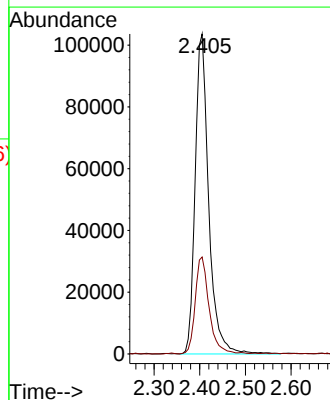
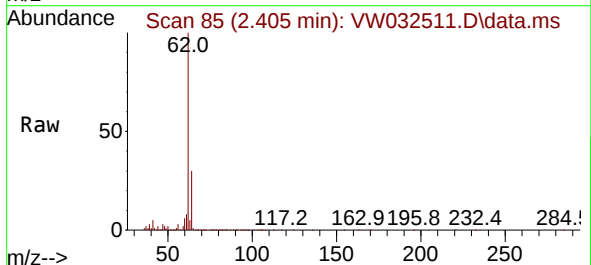
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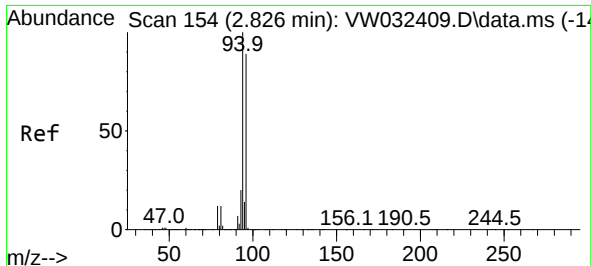
Tgt Ion: 50 Resp: 156582
Ion Ratio Lower Upper
50 100
52 31.4 25.5 38.3



#4
Vinyl Chloride
Concen: 57.554 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

Tgt Ion: 62 Resp: 213075
Ion Ratio Lower Upper
62 100
64 30.2 25.2 37.8

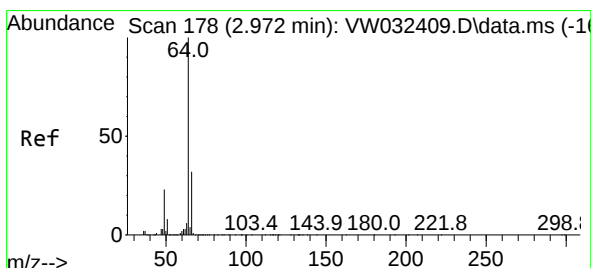
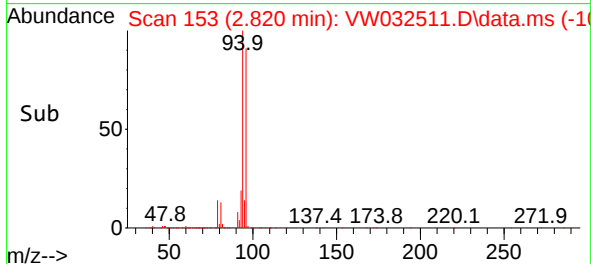
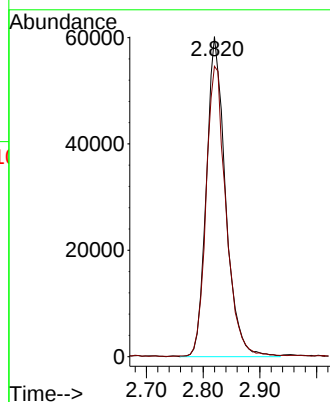
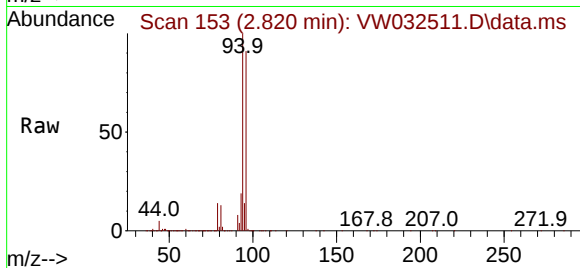




#5
Bromomethane
Concen: 56.991 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

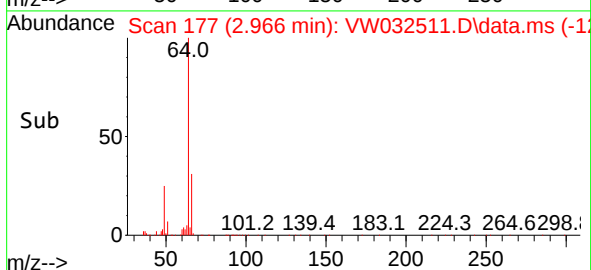
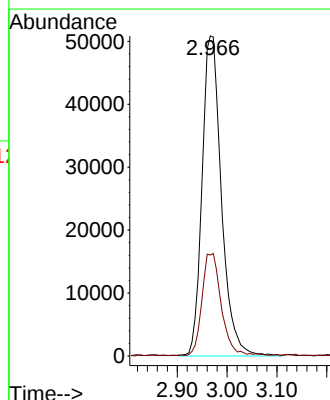
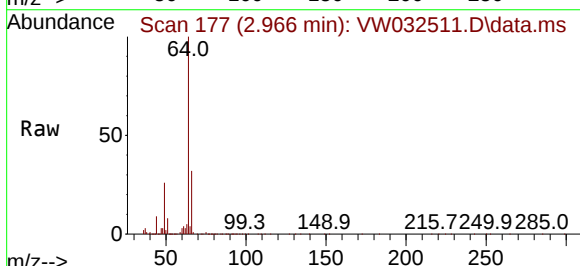
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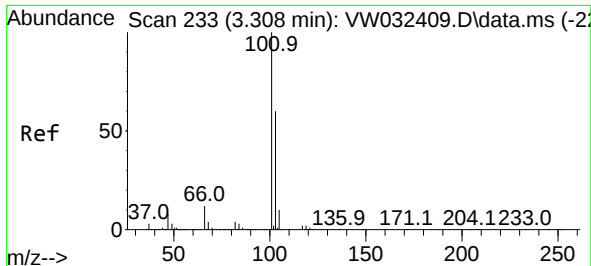
Tgt Ion: 94 Resp: 141135
Ion Ratio Lower Upper
94 100
96 90.5 71.4 107.2



#6
Chloroethane
Concen: 56.616 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

Tgt Ion: 64 Resp: 137131
Ion Ratio Lower Upper
64 100
66 31.2 25.6 38.4

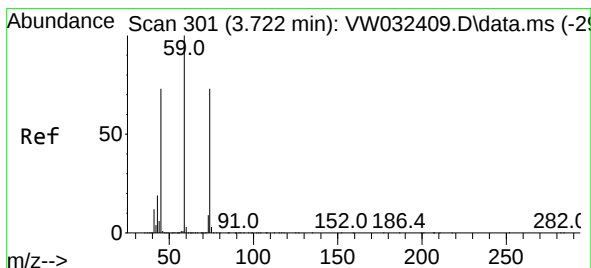
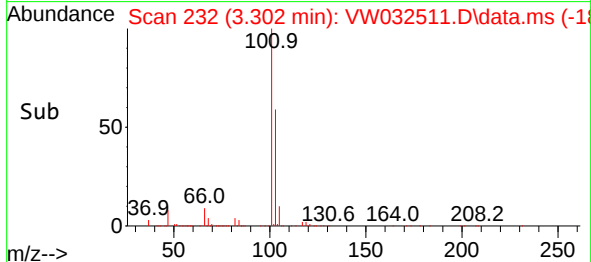
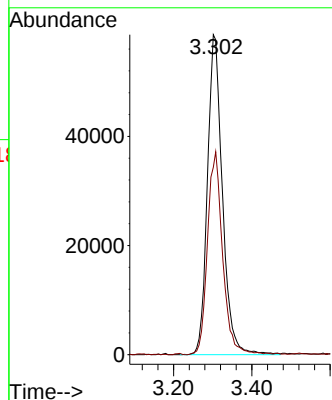
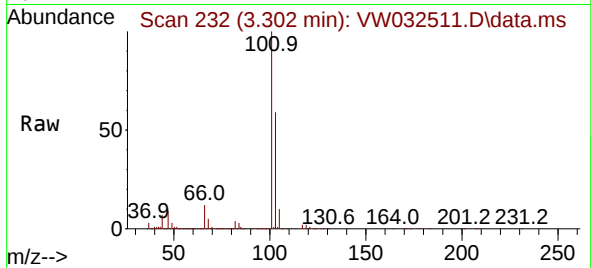




#7
Trichlorofluoromethane
Concen: 53.583 ug/l
RT: 3.302 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW032511.D
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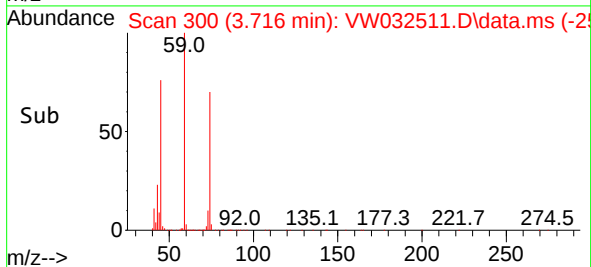
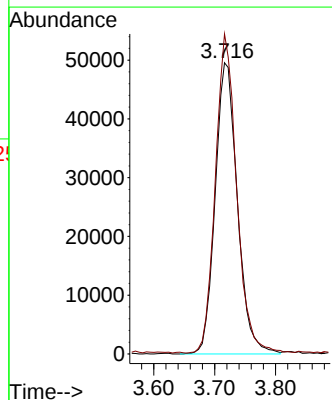
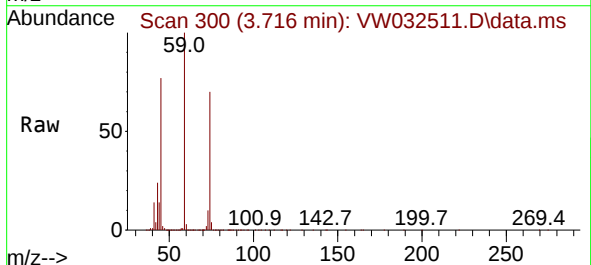
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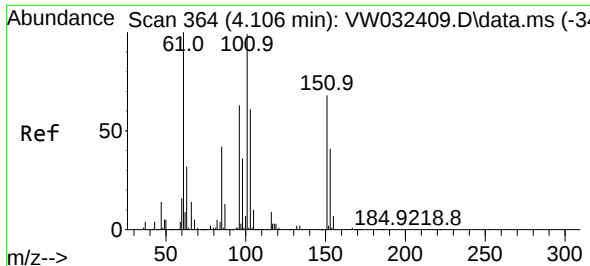
Tgt Ion:101 Resp: 155529
Ion Ratio Lower Upper
101 100
103 58.3 48.0 72.0



#8
Diethyl Ether
Concen: 52.996 ug/l
RT: 3.716 min Scan# 300
Delta R.T. -0.006 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

Tgt Ion: 74 Resp: 125766
Ion Ratio Lower Upper
74 100
45 105.3 51.8 155.4

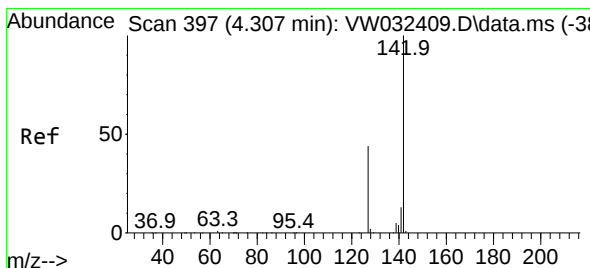
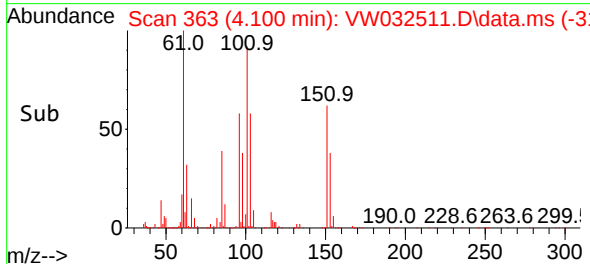
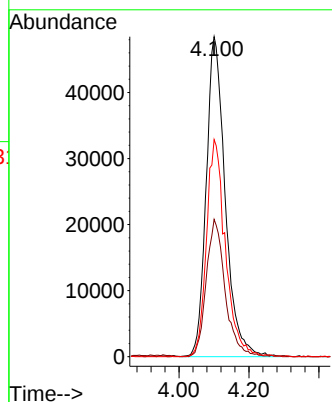
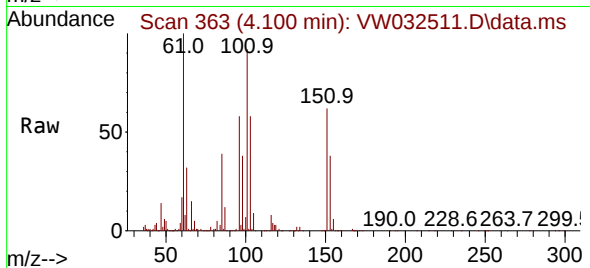




#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.817 ug/l
RT: 4.100 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW032511.D
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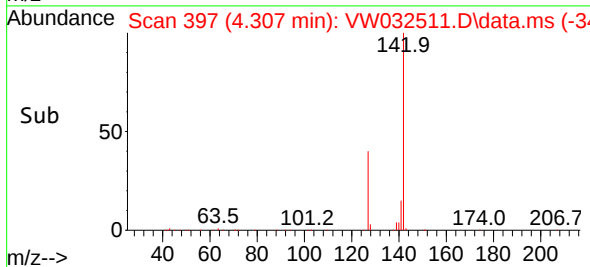
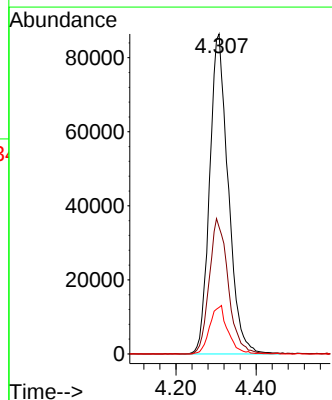
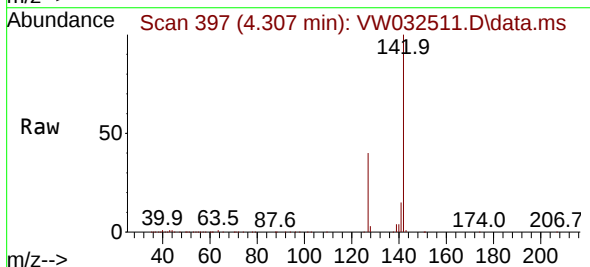
Instrument :
MSVOA_W
ClientSampleId :

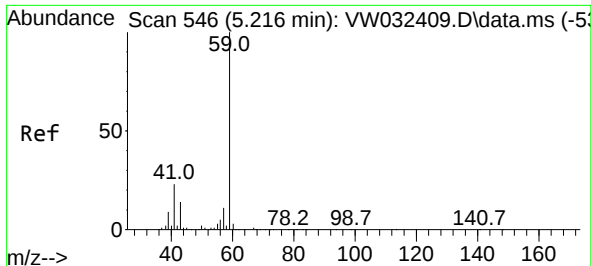
Tgt Ion:101 Resp: 182808
Ion Ratio Lower Upper
101 100
85 42.6 34.1 51.1
151 67.3 56.4 84.6



#10
Methyl Iodide
Concen: 54.641 ug/l
RT: 4.307 min Scan# 397
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

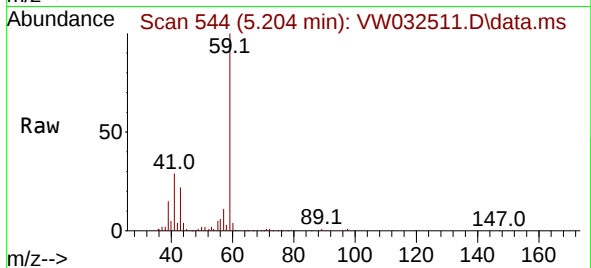
Tgt Ion:142 Resp: 278265
Ion Ratio Lower Upper
142 100
127 43.2 34.2 51.2
141 14.7 11.8 17.8



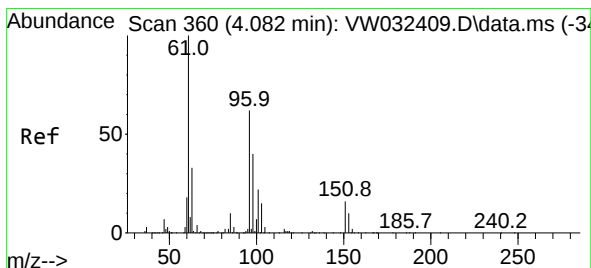
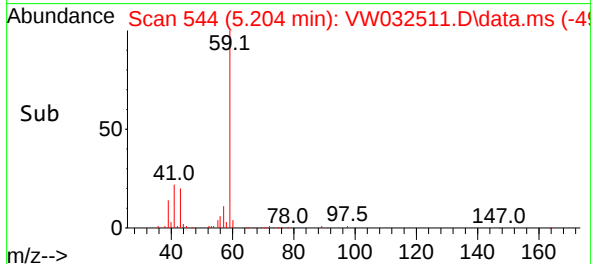
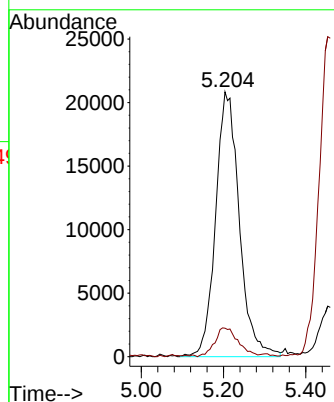


#11
Tert butyl alcohol
Concen: 222.182 ug/l
RT: 5.204 min Scan# 546
Delta R.T. -0.012 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

Instrument :
MSVOA_W
ClientSampleId :

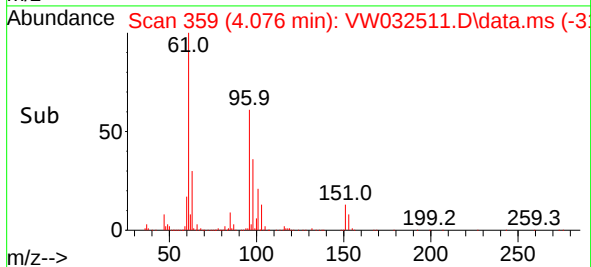
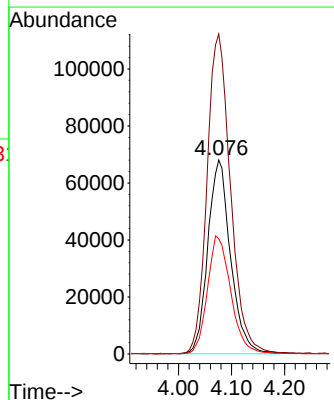
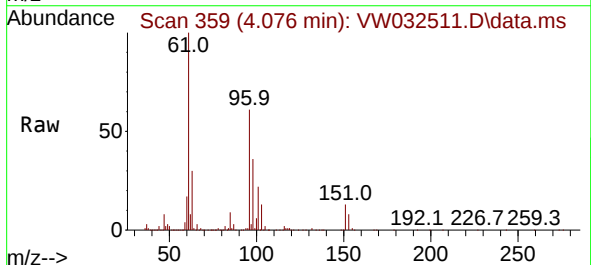


Tgt Ion: 59 Resp: 83549
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8



#12
1,1-Dichloroethene
Concen: 55.908 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

Tgt Ion: 96 Resp: 202701
Ion Ratio Lower Upper
96 100
61 164.9 129.0 193.6
98 59.3 51.1 76.7

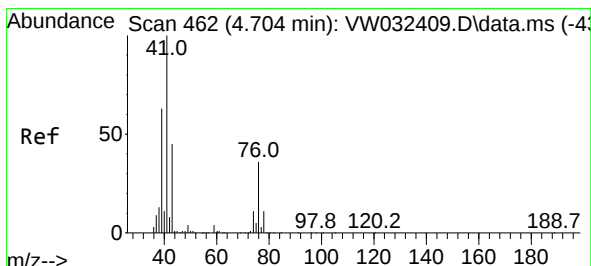
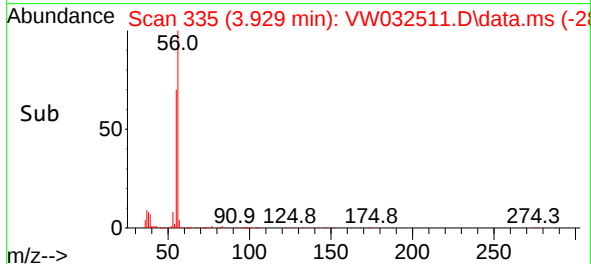
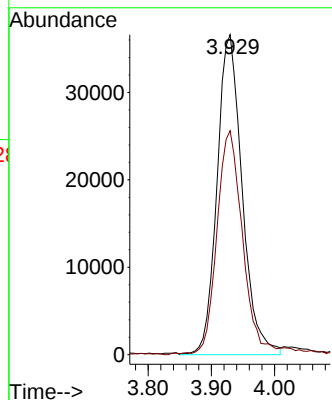
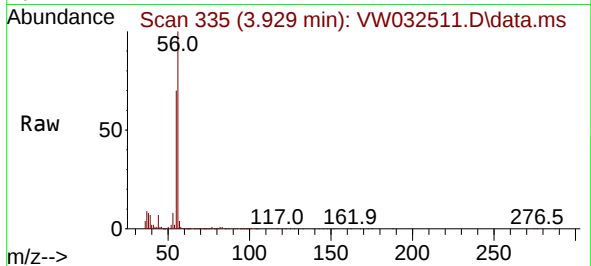




#13
Acrolein
Concen: 159.762 ug/l
RT: 3.929 min Scan# 335
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

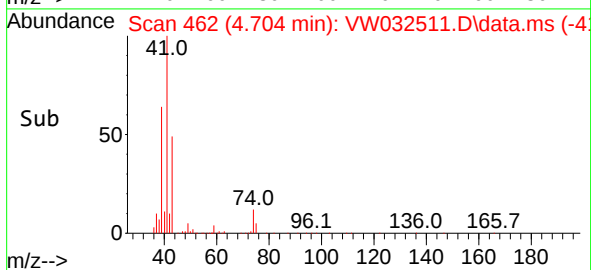
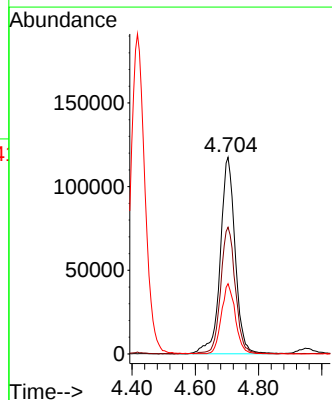
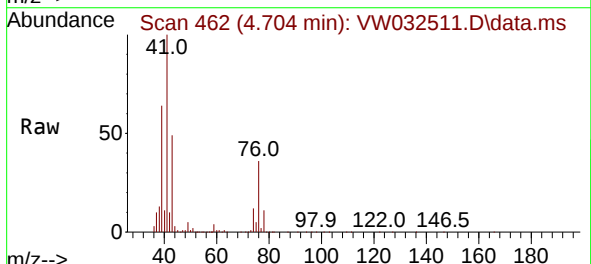
Instrument :
MSVOA_W
ClientSampleId :

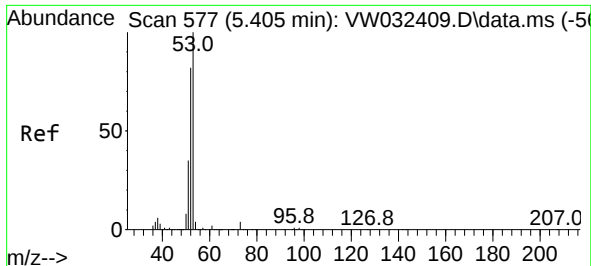
Tgt Ion: 56 Resp: 100797
Ion Ratio Lower Upper
56 100
55 71.5 56.3 84.5



#14
Allyl chloride
Concen: 54.695 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

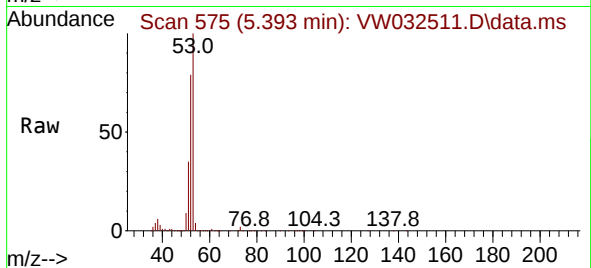
Tgt Ion: 41 Resp: 381345
Ion Ratio Lower Upper
41 100
39 63.7 50.2 75.2
76 33.3 27.0 40.6



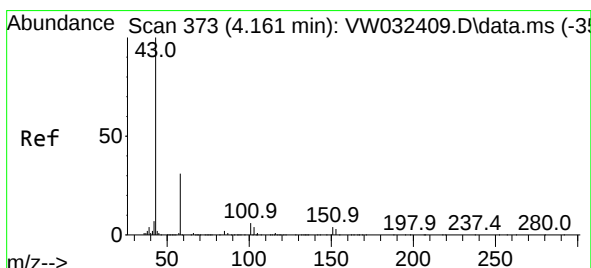
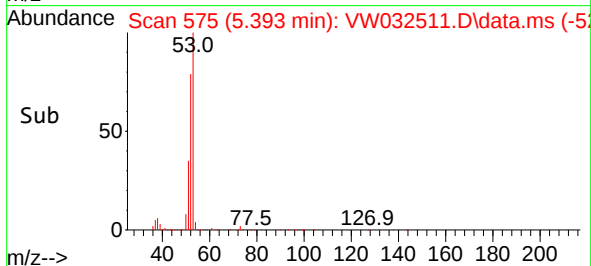
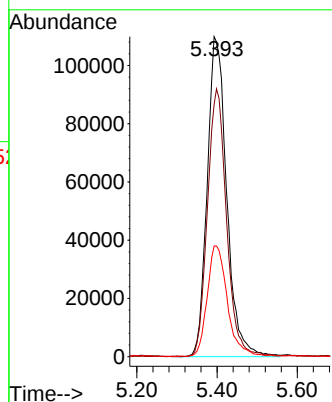


#15
Acrylonitrile
Concen: 270.630 ug/l
RT: 5.393 min Scan# 51
Delta R.T. -0.012 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

Instrument :
MSVOA_W
ClientSampleId :

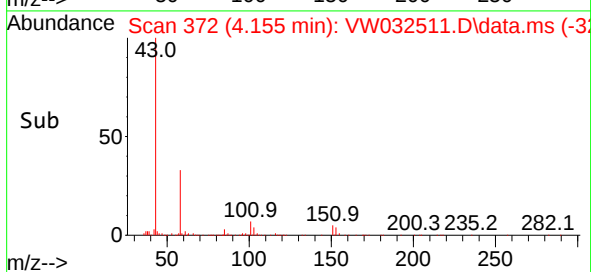
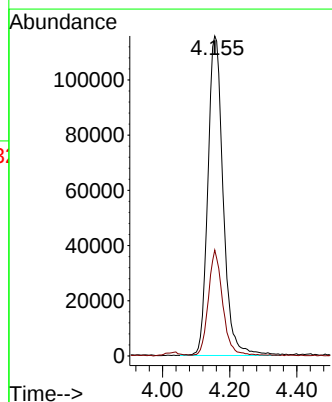
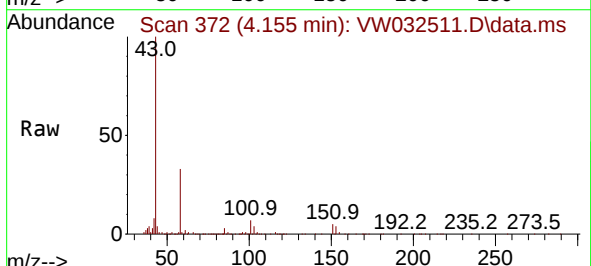


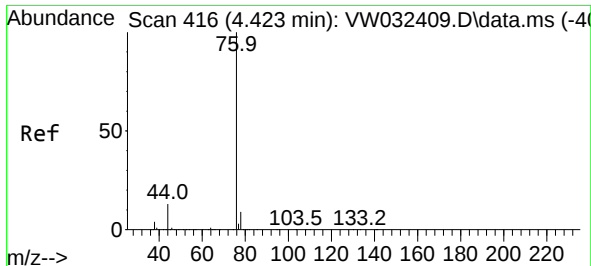
Tgt Ion: 53 Resp: 371333
Ion Ratio Lower Upper
53 100
52 81.8 66.4 99.6
51 35.6 28.6 43.0



#16
Acetone
Concen: 282.018 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.006 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

Tgt Ion: 43 Resp: 366918
Ion Ratio Lower Upper
43 100
58 33.0 24.8 37.2

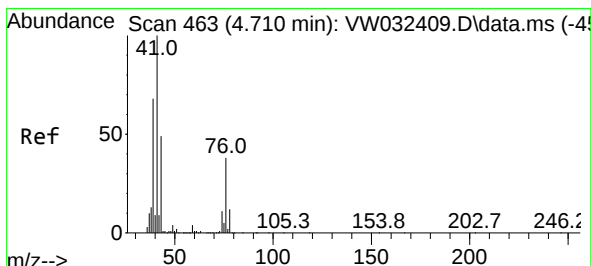
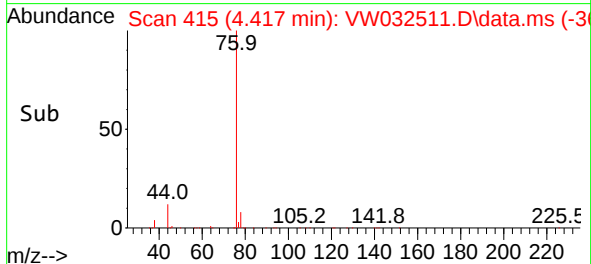
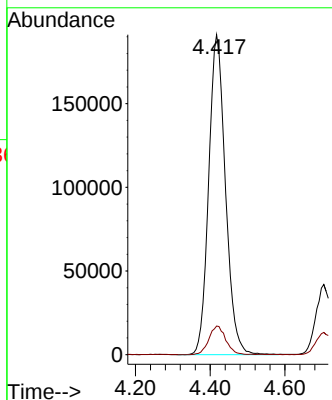
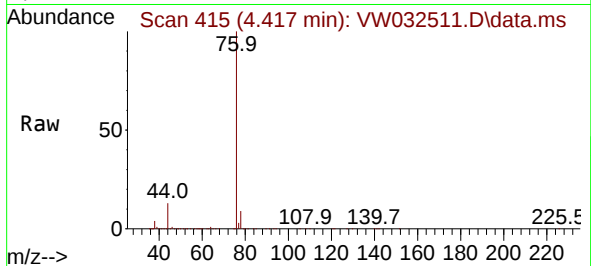




#17
Carbon Disulfide
Concen: 55.521 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

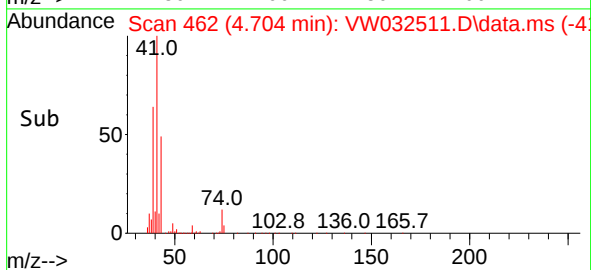
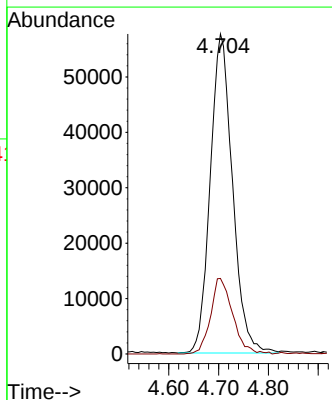
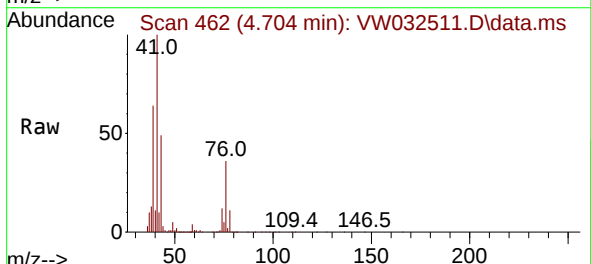
Instrument :
MSVOA_W
ClientSampleId :

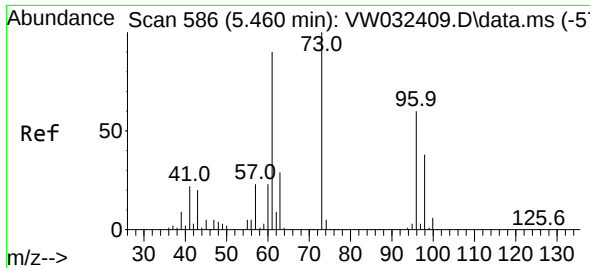
Tgt Ion: 76 Resp: 594959
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4



#18
Methyl Acetate
Concen: 55.375 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

Tgt Ion: 43 Resp: 178408
Ion Ratio Lower Upper
43 100
74 23.6 18.9 28.3

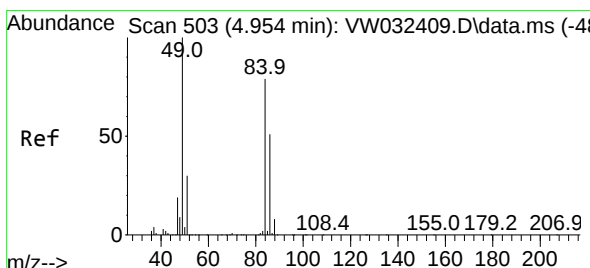
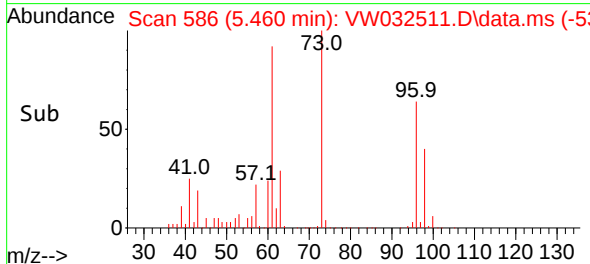
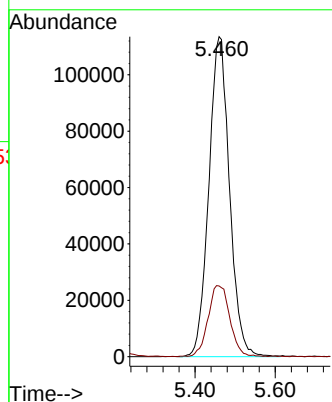
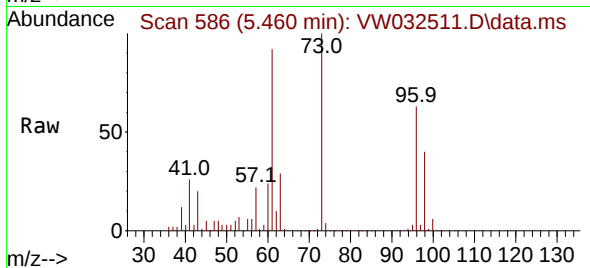




#19
Methyl tert-butyl Ether
Concen: 53.121 ug/l
RT: 5.460 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

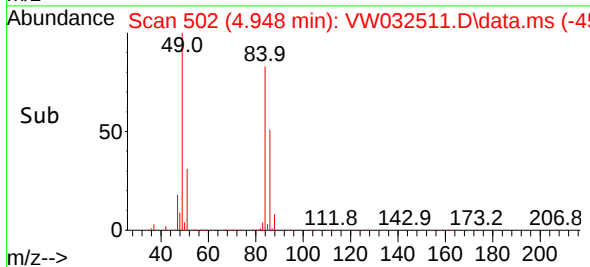
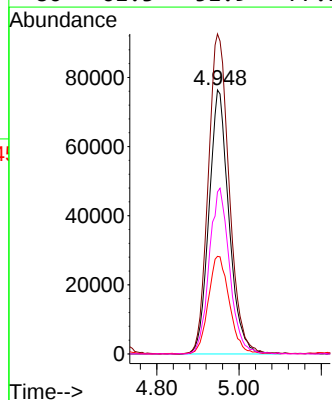
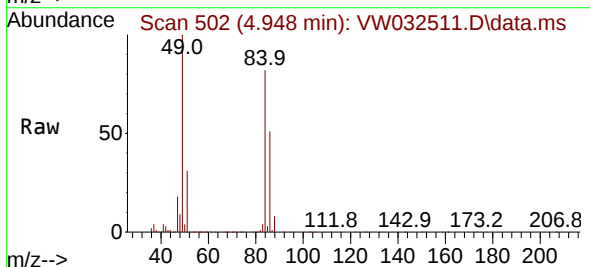
Instrument :
MSVOA_W
ClientSampleId :

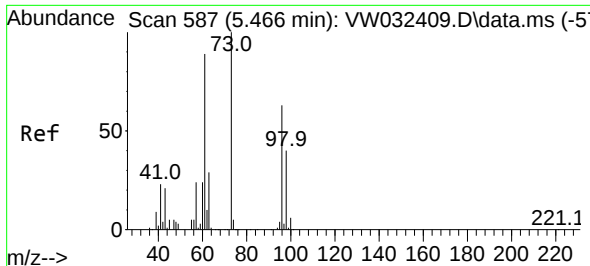
Tgt Ion: 73 Resp: 405988
Ion Ratio Lower Upper
73 100
57 21.9 18.3 27.5



#20
Methylene Chloride
Concen: 55.244 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.006 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

Tgt Ion: 84 Resp: 257041
Ion Ratio Lower Upper
84 100
49 121.2 101.5 152.3
51 36.9 30.6 46.0
86 61.3 51.9 77.9

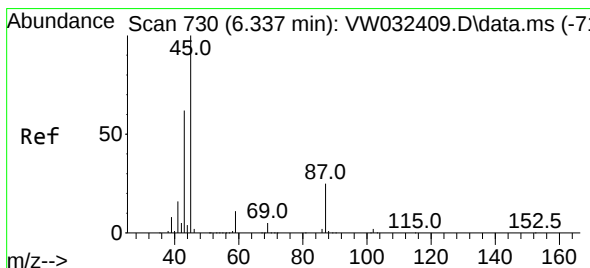
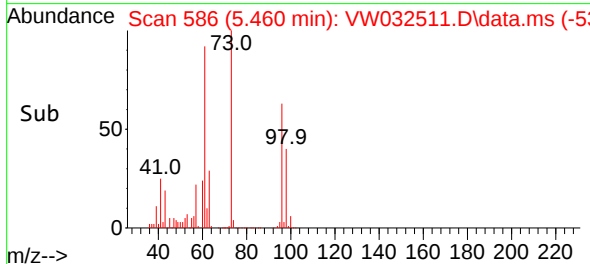
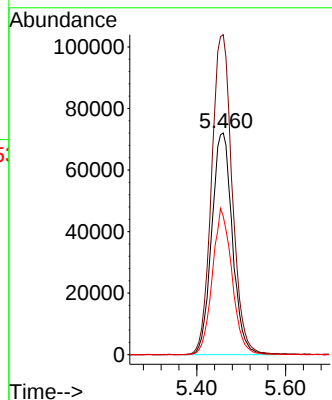
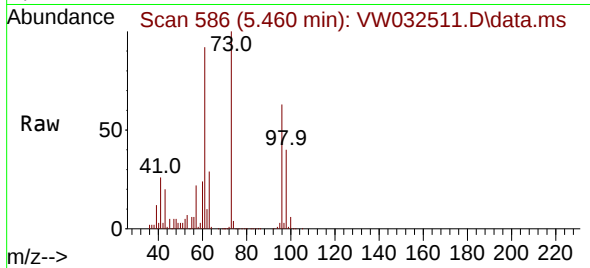




#21
trans-1,2-Dichloroethene
Concen: 56.040 ug/l
RT: 5.460 min Scan# 587
Delta R.T. -0.006 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

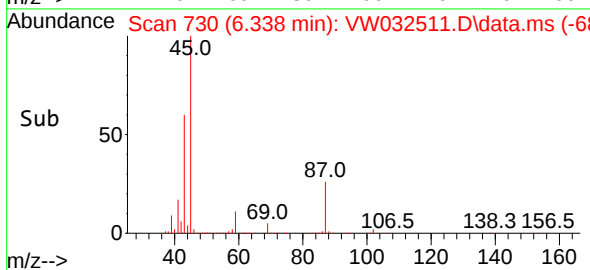
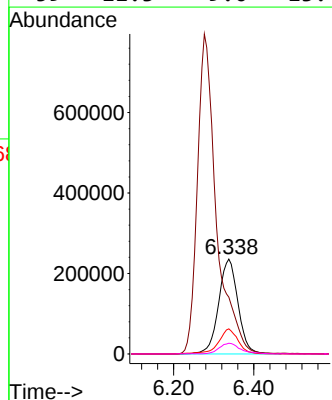
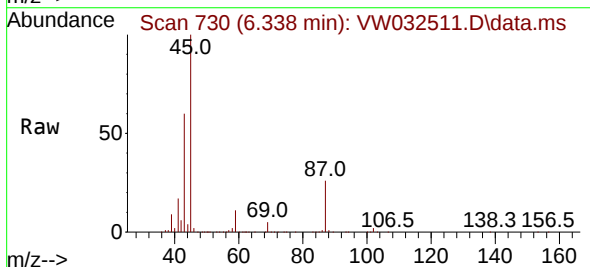
Instrument :
MSVOA_W
ClientSampleId :

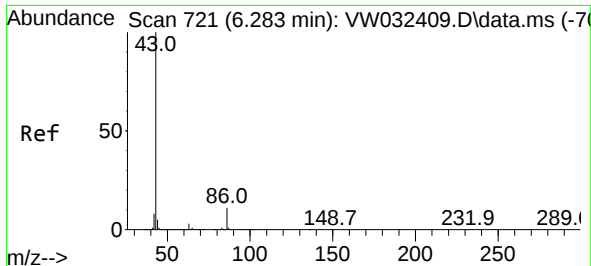
Tgt Ion: 96 Resp: 232325
Ion Ratio Lower Upper
96 100
61 144.1 112.5 168.7
98 62.4 51.1 76.7



#22
Diisopropyl ether
Concen: 55.658 ug/l
RT: 6.338 min Scan# 730
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

Tgt Ion: 45 Resp: 790107
Ion Ratio Lower Upper
45 100
43 59.6 49.4 74.2
87 26.4 20.1 30.1
59 11.3 9.0 13.4

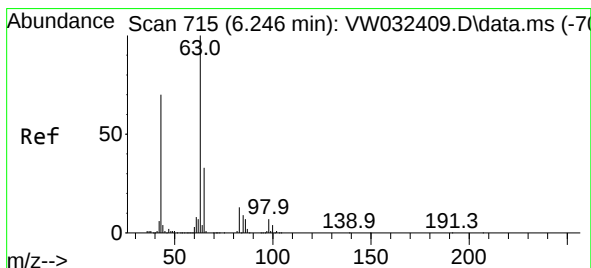
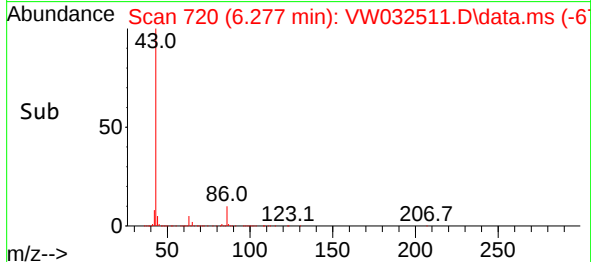
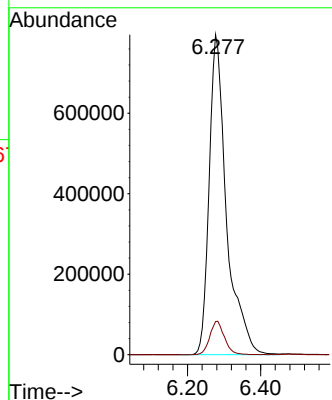
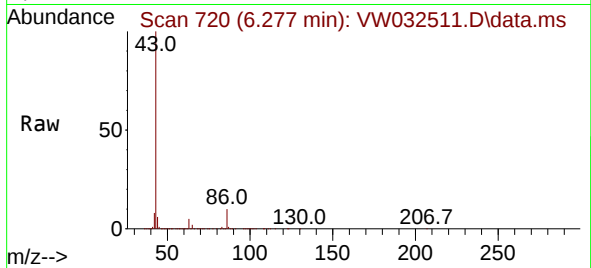




#23
 Vinyl Acetate
 Concen: 268.755 ug/l
 RT: 6.277 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032511.D
 Acq: 20 Nov 2025 09:15

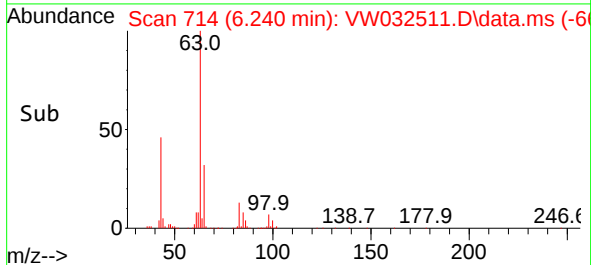
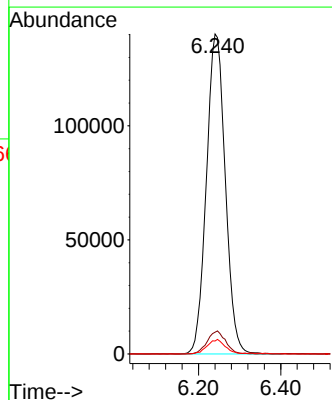
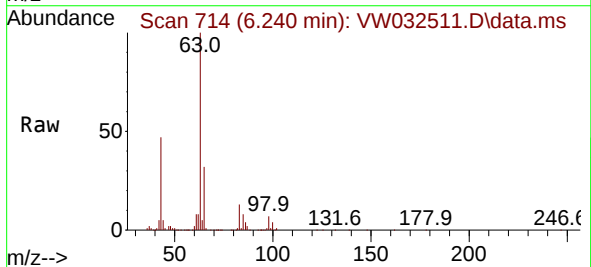
Instrument :
 MSVOA_W
 ClientSampleId :

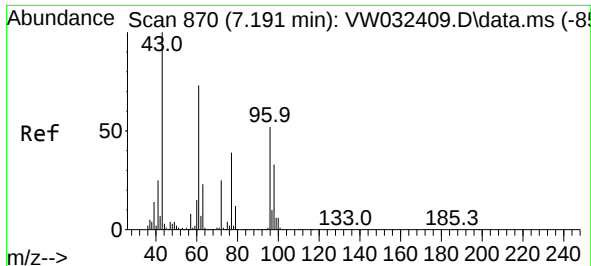
Tgt Ion: 43 Resp: 2613915
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 57.546 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032511.D
 Acq: 20 Nov 2025 09:15

Tgt Ion: 63 Resp: 447570
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.8
 100 4.0 2.3 6.8

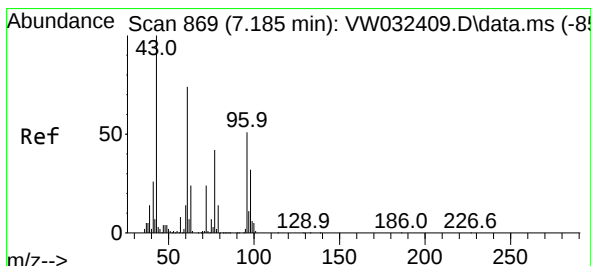
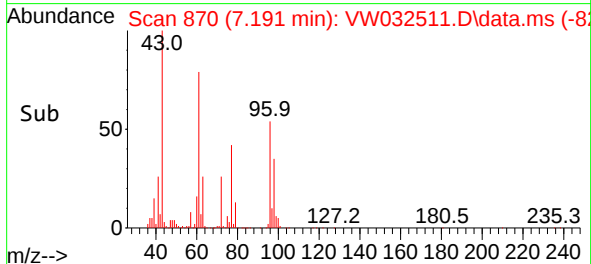
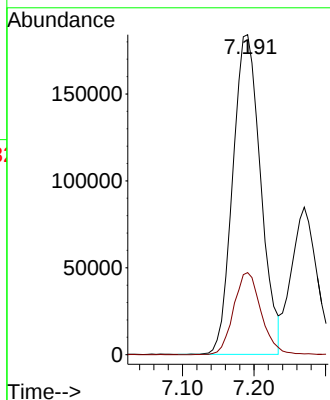
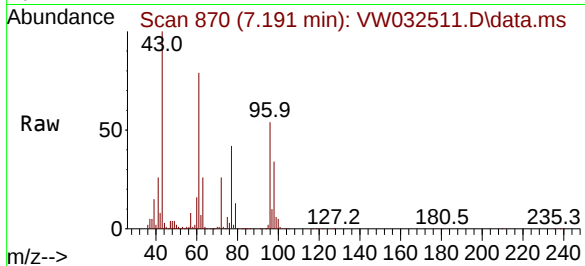




#25
2-Butanone
Concen: 260.007 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

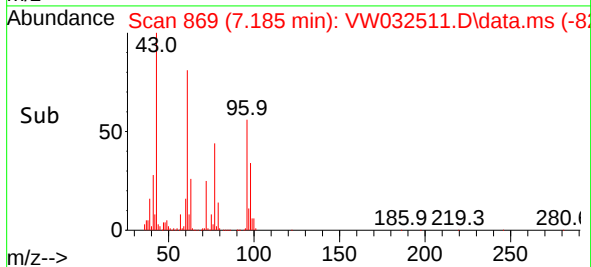
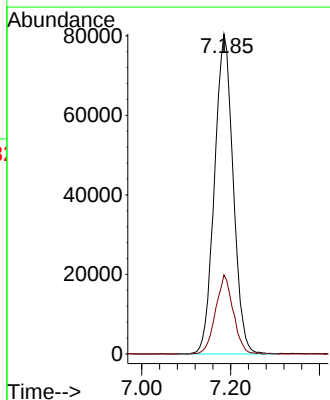
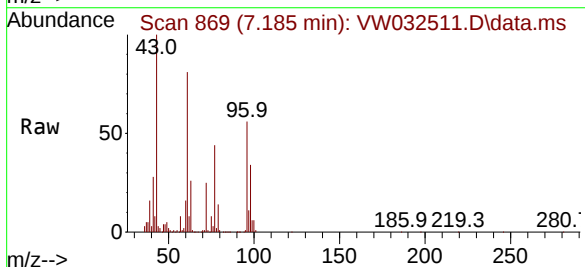
Instrument :
MSVOA_W
ClientSampleId :

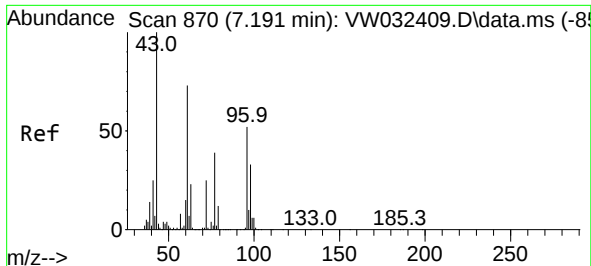
Tgt Ion: 43 Resp: 498372
Ion Ratio Lower Upper
43 100
72 25.7 20.0 30.0



#26
2,2-Dichloropropane
Concen: 53.993 ug/l
RT: 7.185 min Scan# 869
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

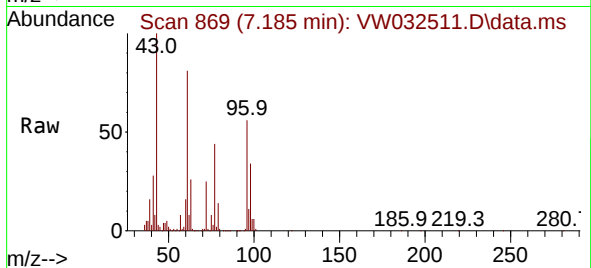
Tgt Ion: 77 Resp: 234037
Ion Ratio Lower Upper
77 100
97 23.4 12.3 36.8





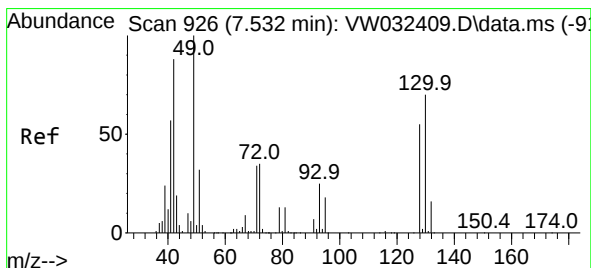
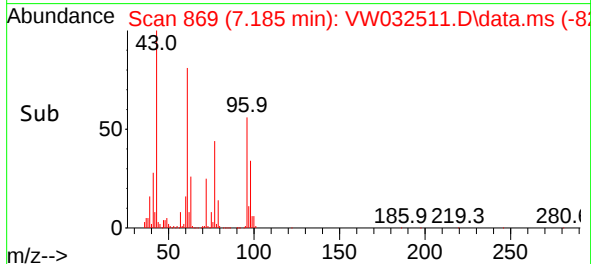
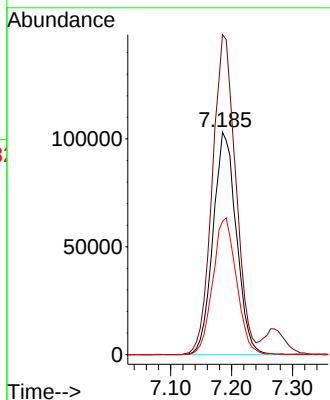
#27
 cis-1,2-Dichloroethene
 Concen: 55.317 ug/l
 RT: 7.185 min Scan# 869
 Delta R.T. -0.006 min
 Lab File: VW032511.D
 Acq: 20 Nov 2025 09:15

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 96 Resp: 274018

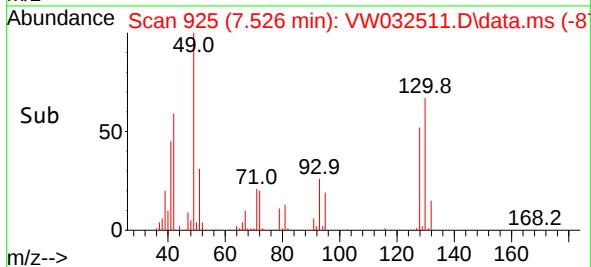
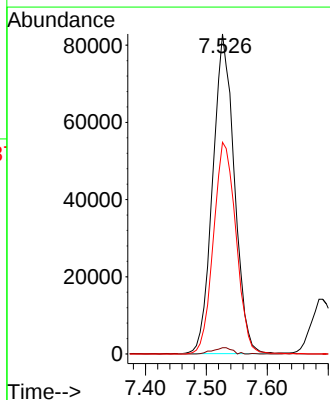
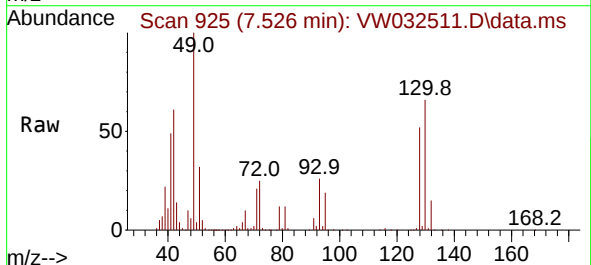
Ion	Ratio	Lower	Upper
96	100		
61	144.3	0.0	282.6
98	62.5	0.0	128.6



#28
 Bromochloromethane
 Concen: 55.533 ug/l
 RT: 7.526 min Scan# 925
 Delta R.T. -0.006 min
 Lab File: VW032511.D
 Acq: 20 Nov 2025 09:15

Tgt Ion: 49 Resp: 204138

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	69.2	56.9	85.3





#29

Tetrahydrofuran

Concen: 268.576 ug/l

RT: 7.545 min Scan# 91

Delta R.T. -0.006 min

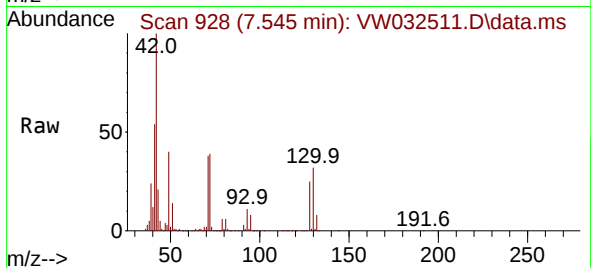
Lab File: VW032511.D

Acq: 20 Nov 2025 09:15

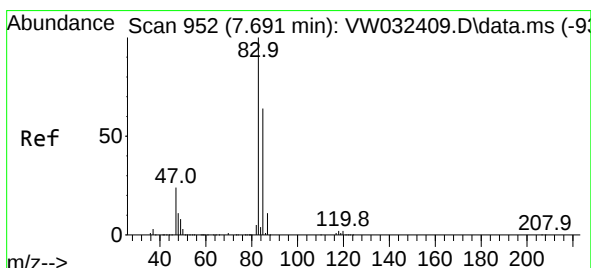
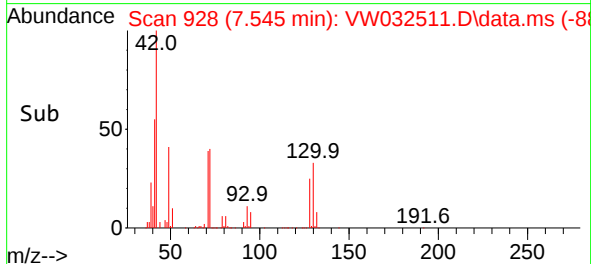
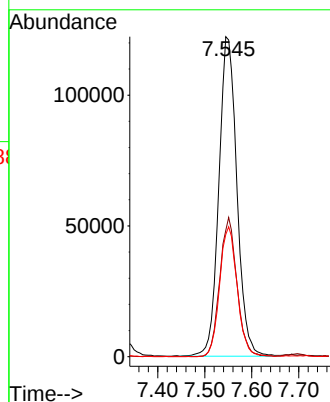
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	42	72	71
Resp:	326746	100	100
Lower		33.6	31.4
Upper		50.4	47.0



#30

Chloroform

Concen: 58.379 ug/l

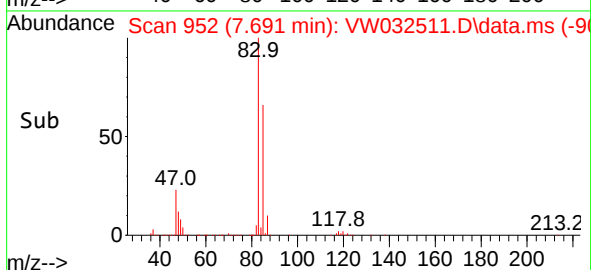
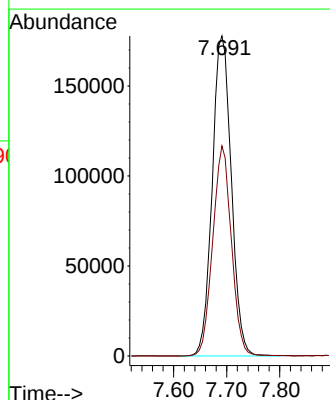
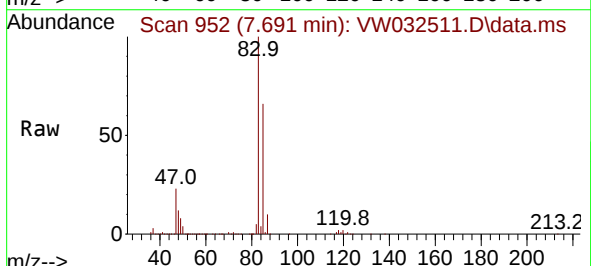
RT: 7.691 min Scan# 952

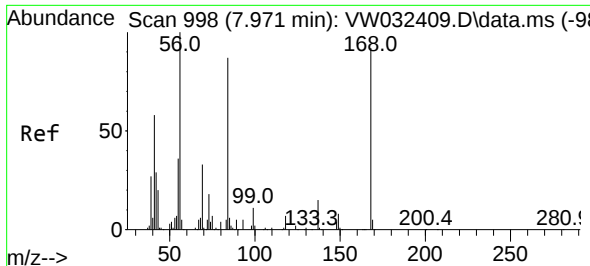
Delta R.T. 0.000 min

Lab File: VW032511.D

Acq: 20 Nov 2025 09:15

Tgt Ion:	83	85
Resp:	444493	100
Lower		51.0
Upper		76.4

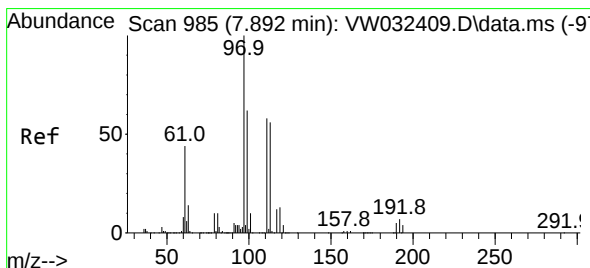
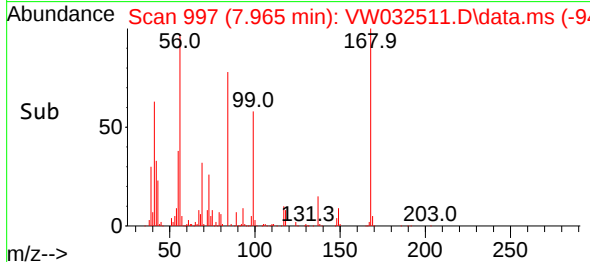
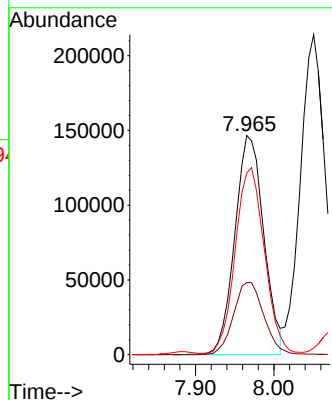
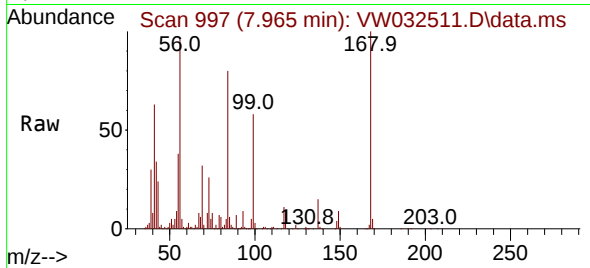




#31
Cyclohexane
Concen: 52.328 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

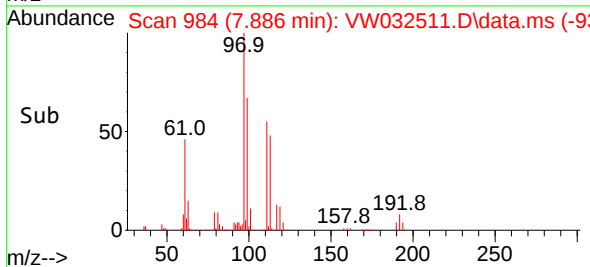
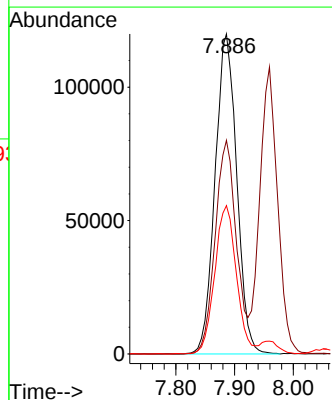
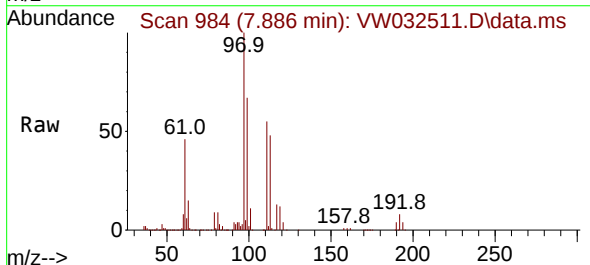
Instrument :
MSVOA_W
ClientSampleId :

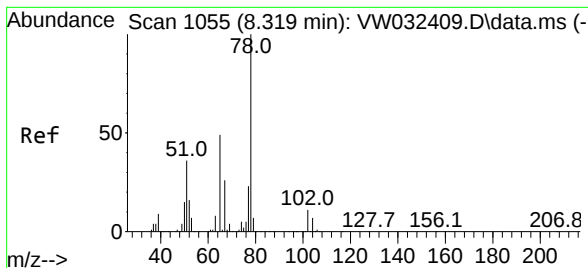
Tgt Ion: 56 Resp: 376474
Ion Ratio Lower Upper
56 100
69 32.9 26.5 39.7
84 81.5 69.6 104.4



#32
1,1,1-Trichloroethane
Concen: 56.471 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

Tgt Ion: 97 Resp: 307154
Ion Ratio Lower Upper
97 100
99 65.6 51.8 77.8
61 46.3 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 52.855 ug/l

RT: 8.313 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VW032511.D

Acq: 20 Nov 2025 09:15

Instrument :

MSVOA_W

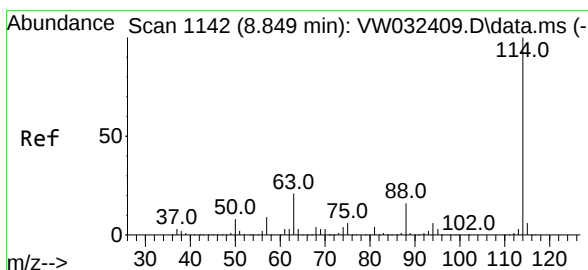
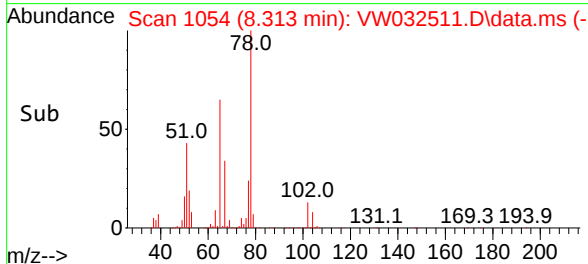
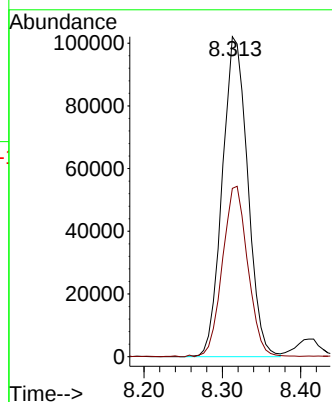
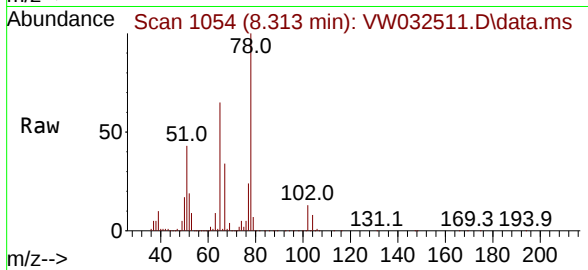
ClientSampleId :

Tgt Ion: 65 Resp: 229856

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: VW032511.D

Acq: 20 Nov 2025 09:15

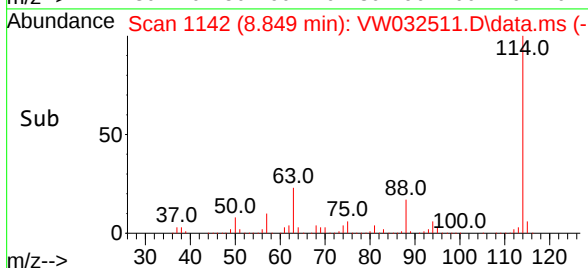
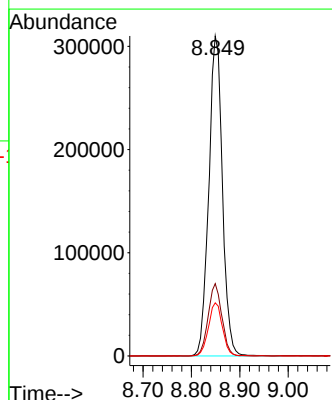
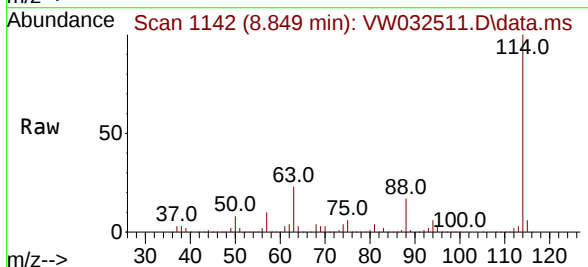
Tgt Ion: 114 Resp: 607386

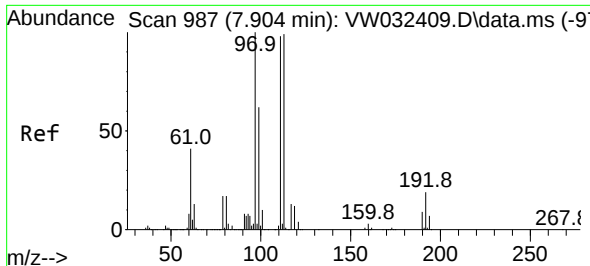
Ion Ratio Lower Upper

114 100

63 22.5 0.0 41.8

88 16.6 0.0 32.6

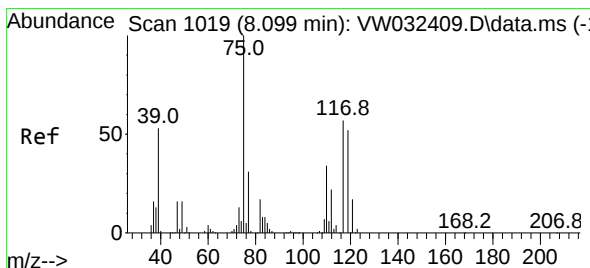
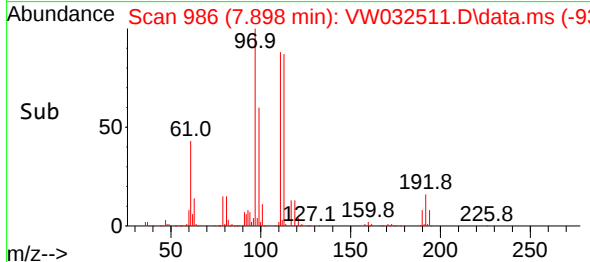
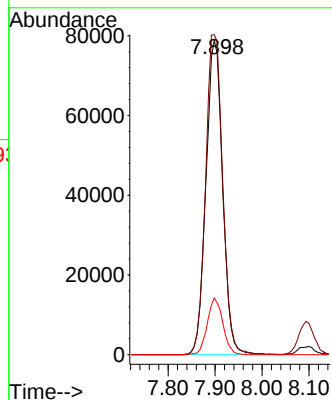
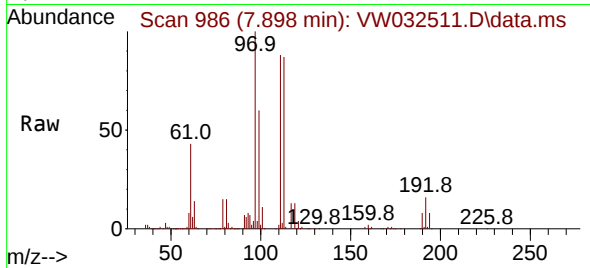




#35
 Dibromofluoromethane
 Concen: 53.319 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW032511.D
 Acq: 20 Nov 2025 09:15

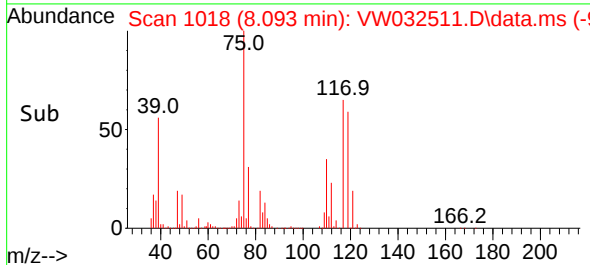
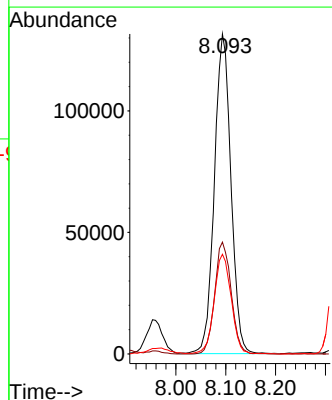
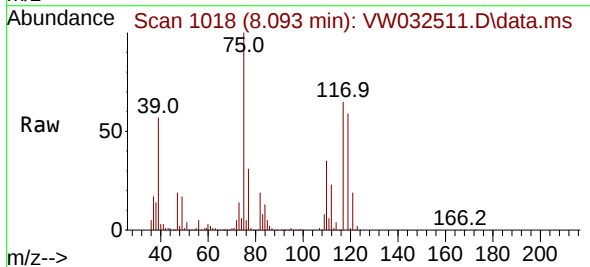
Instrument :
 MSVOA_W
 ClientSampleId :

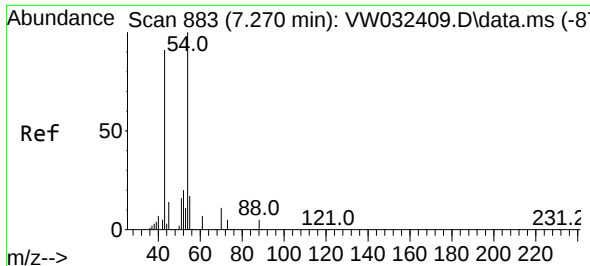
Tgt Ion:113 Resp: 193897
 Ion Ratio Lower Upper
 113 100
 111 104.5 83.1 124.7
 192 16.8 13.4 20.2



#36
 1,1-Dichloropropene
 Concen: 56.640 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. -0.006 min
 Lab File: VW032511.D
 Acq: 20 Nov 2025 09:15

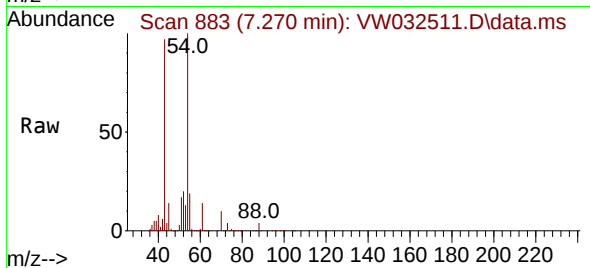
Tgt Ion: 75 Resp: 303484
 Ion Ratio Lower Upper
 75 100
 110 34.8 17.2 51.5
 77 31.8 24.5 36.7





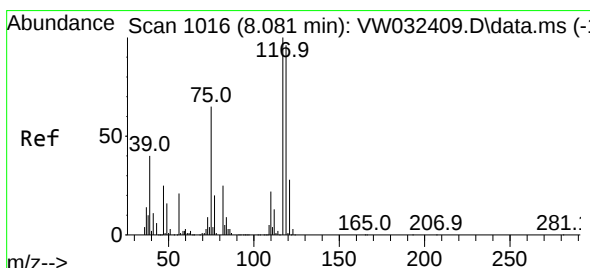
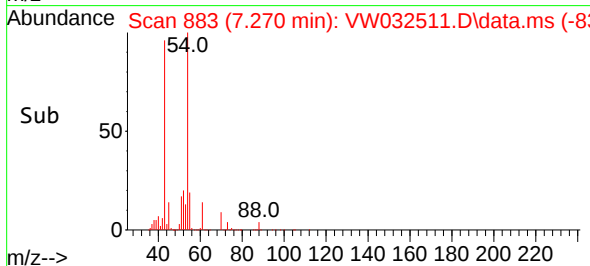
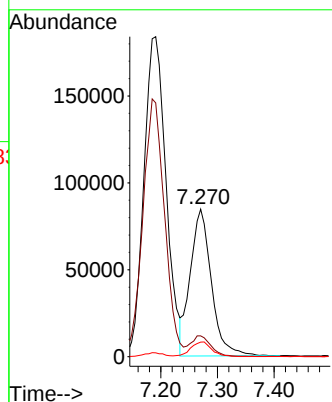
#37
Ethyl Acetate
Concen: 54.952 ug/l
RT: 7.270 min Scan# 81
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43 Resp: 218945

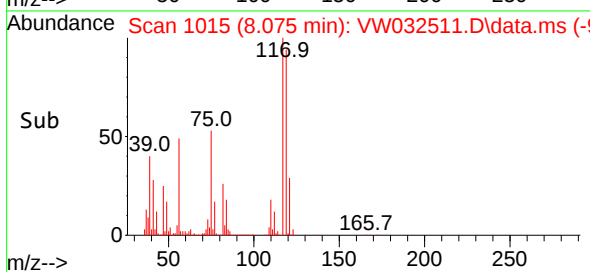
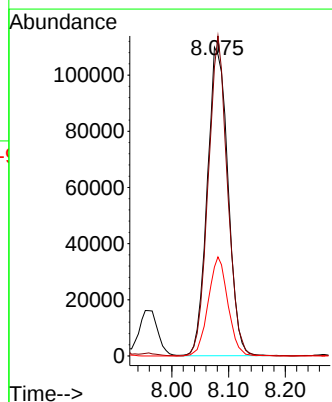
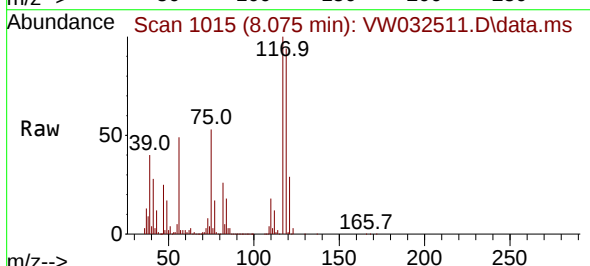
Ion	Ratio	Lower	Upper
43	100		
61	12.8	11.0	16.6
70	9.9	8.3	12.5

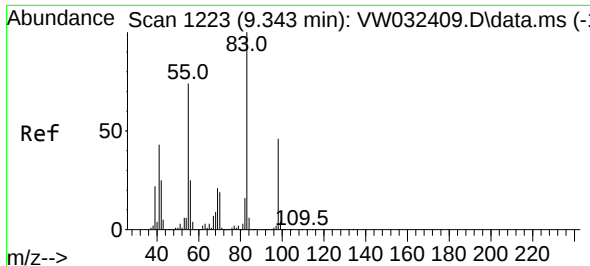


#38
Carbon Tetrachloride
Concen: 58.538 ug/l
RT: 8.075 min Scan# 1015
Delta R.T. -0.006 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

Tgt Ion: 117 Resp: 278693

Ion	Ratio	Lower	Upper
117	100		
119	93.6	77.0	115.4
121	28.8	22.0	33.0

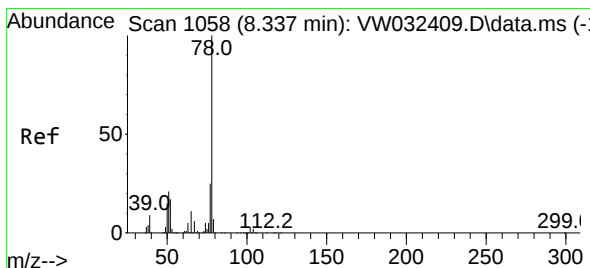
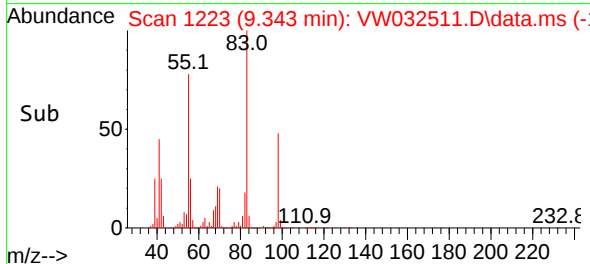
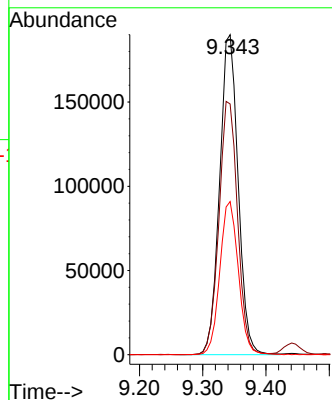
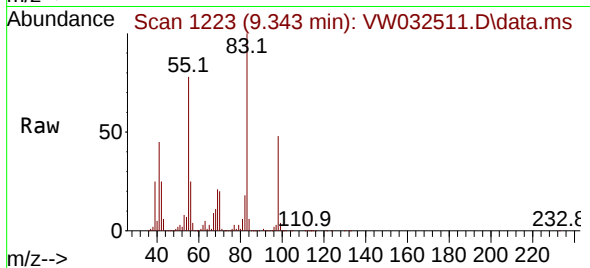




#39
Methylcyclohexane
Concen: 55.530 ug/l
RT: 9.343 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

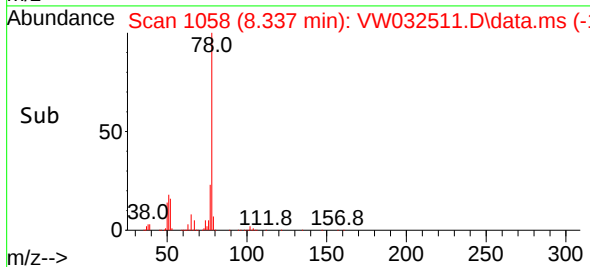
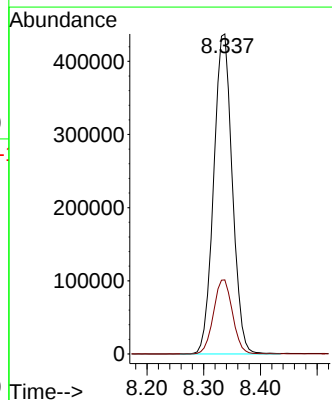
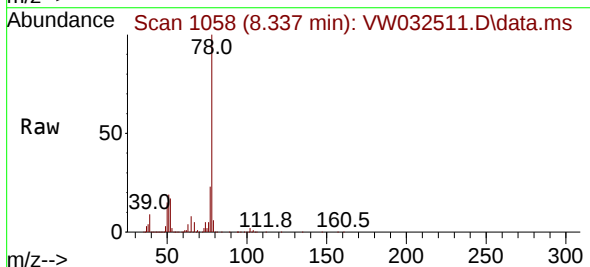
Instrument :
MSVOA_W
ClientSampleId :

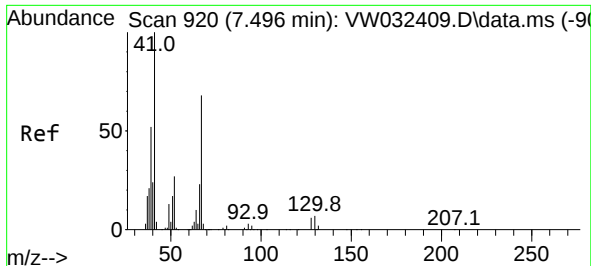
Tgt Ion: 83 Resp: 385451
Ion Ratio Lower Upper
83 100
55 78.3 59.2 88.8
98 47.8 36.6 54.8



#40
Benzene
Concen: 57.703 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

Tgt Ion: 78 Resp: 995668
Ion Ratio Lower Upper
78 100
77 23.1 19.6 29.4

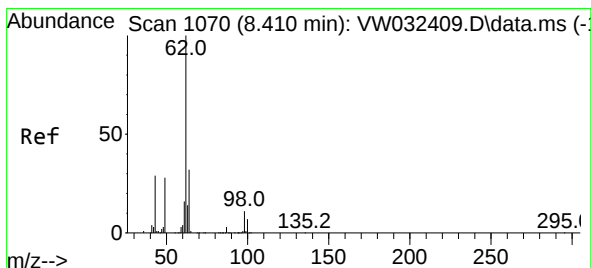
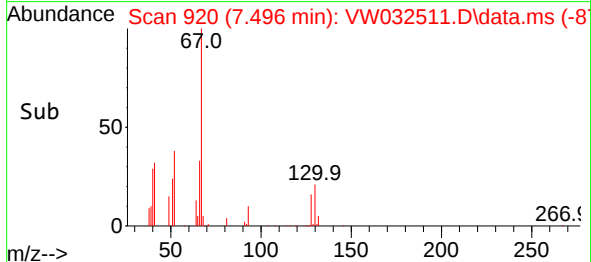
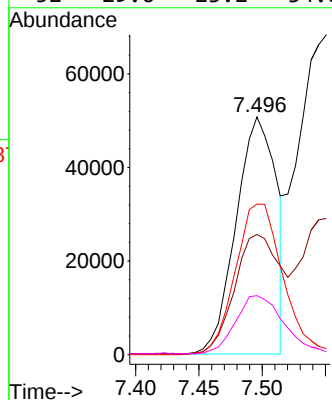
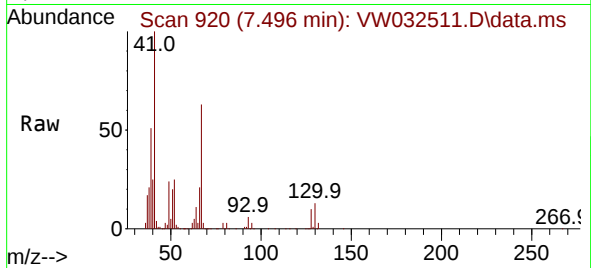




#41
Methacrylonitrile
Concen: 51.355 ug/l
RT: 7.496 min Scan# 912
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

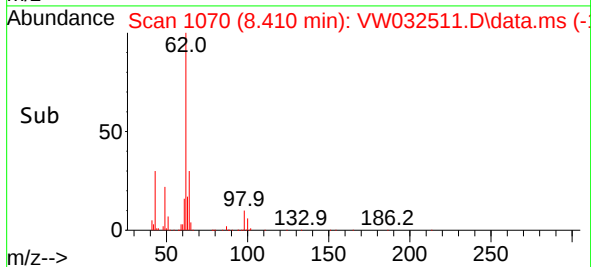
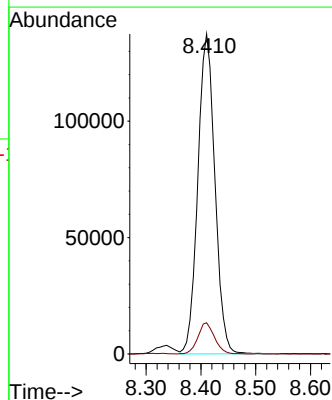
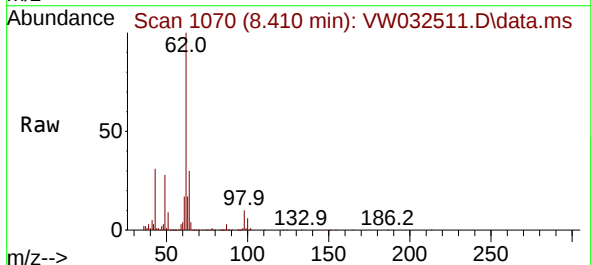
Instrument :
MSVOA_W
ClientSampleId :

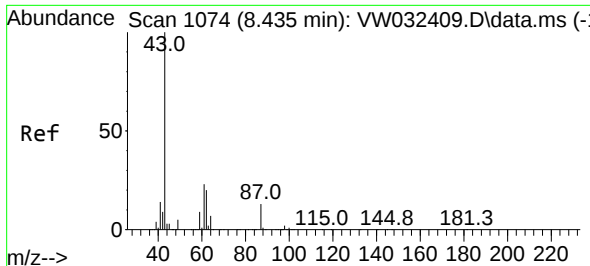
Tgt Ion: 41	Resp: 112399
Ion Ratio	Lower Upper
41 100	
39 58.7	44.6 66.8
67 75.2	57.6 86.4
52 29.6	23.2 34.8



#42
1,2-Dichloroethane
Concen: 58.647 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

Tgt Ion: 62	Resp: 297240
Ion Ratio	Lower Upper
62 100	
98 9.6	0.0 20.2

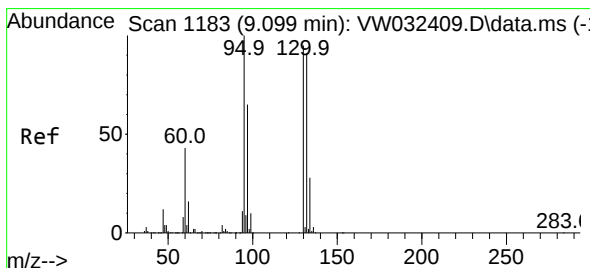
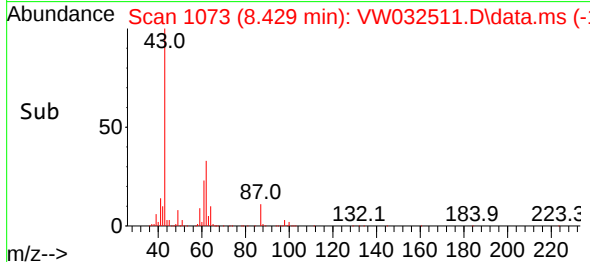
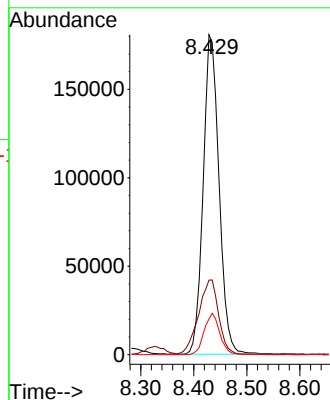
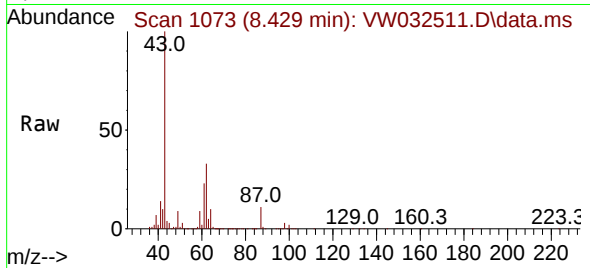




#43
Isopropyl Acetate
Concen: 53.102 ug/l
RT: 8.429 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

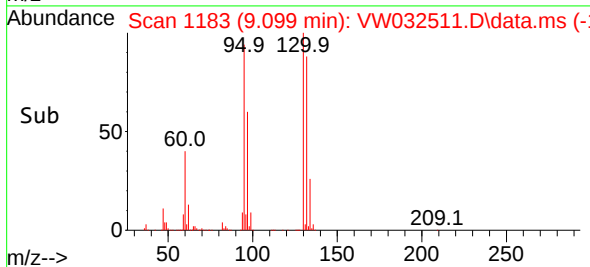
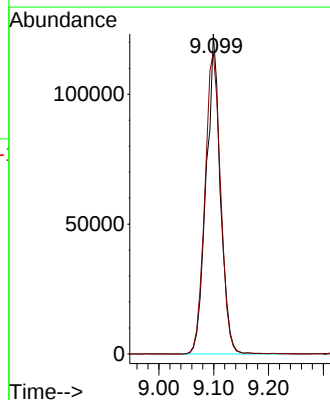
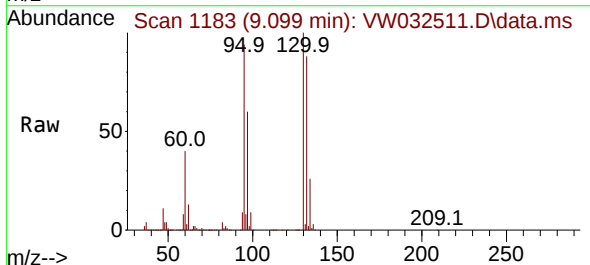
Instrument :
MSVOA_W
ClientSampleId :

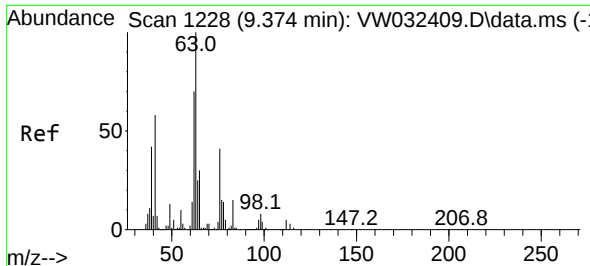
Tgt Ion: 43 Resp: 374631
Ion Ratio Lower Upper
43 100
61 29.7 22.6 33.8
87 12.8 10.6 15.8



#44
Trichloroethene
Concen: 54.927 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

Tgt Ion:130 Resp: 220539
Ion Ratio Lower Upper
130 100
95 94.1 0.0 209.6





#45

1,2-Dichloropropane

Concen: 57.842 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW032511.D

Acq: 20 Nov 2025 09:15

Instrument :

MSVOA_W

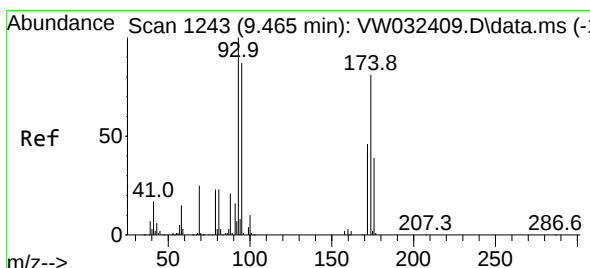
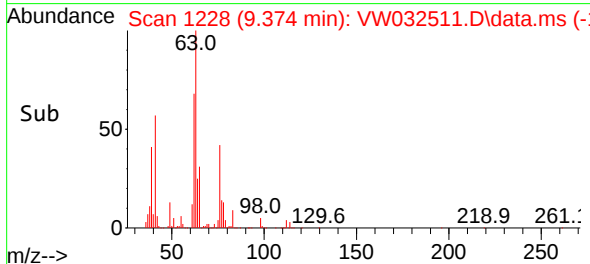
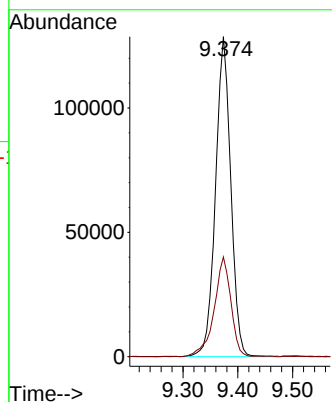
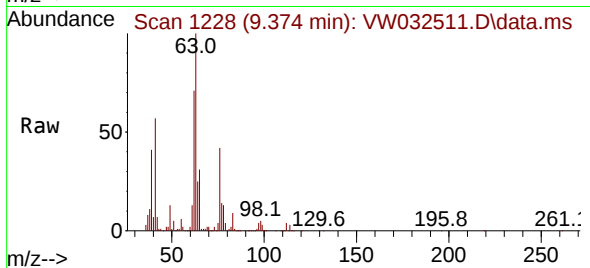
ClientSampleId :

Tgt Ion: 63 Resp: 248521

Ion Ratio Lower Upper

63 100

65 31.2 24.4 36.6



#46

Dibromomethane

Concen: 57.953 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW032511.D

Acq: 20 Nov 2025 09:15

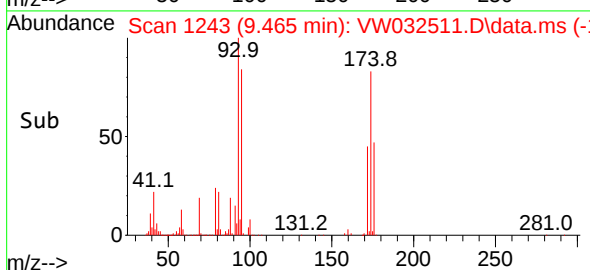
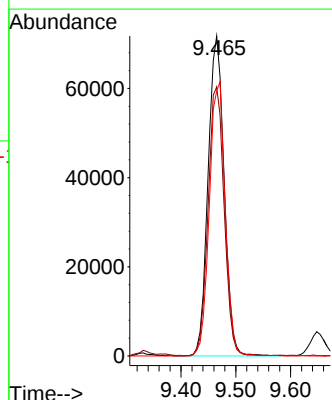
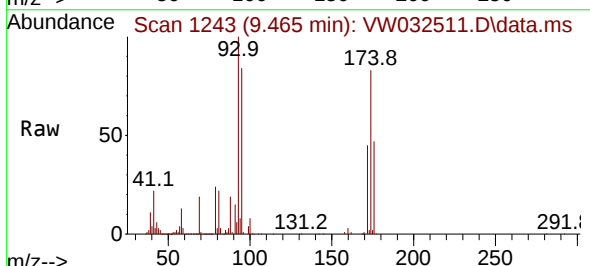
Tgt Ion: 93 Resp: 145504

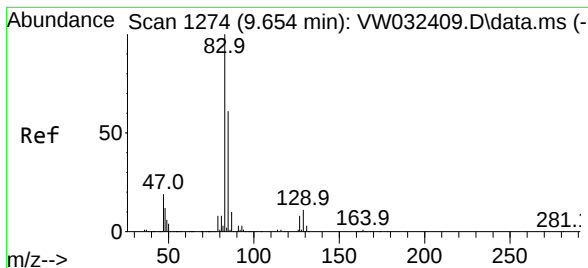
Ion Ratio Lower Upper

93 100

95 83.9 67.1 100.7

174 84.7 68.2 102.4





#47

Bromodichloromethane

Concen: 57.226 ug/l

RT: 9.648 min Scan# 1273

Delta R.T. -0.006 min

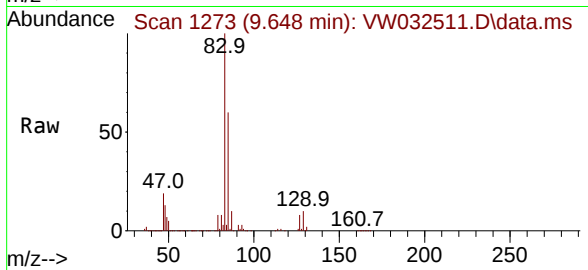
Lab File: VW032511.D

Acq: 20 Nov 2025 09:15

Instrument :

MSVOA_W

ClientSampleId :



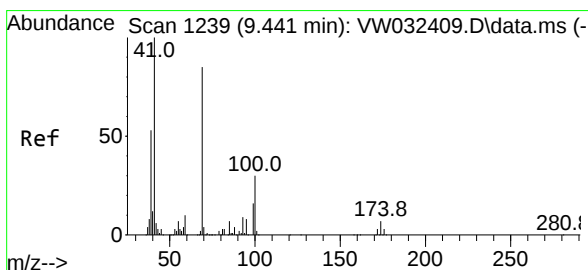
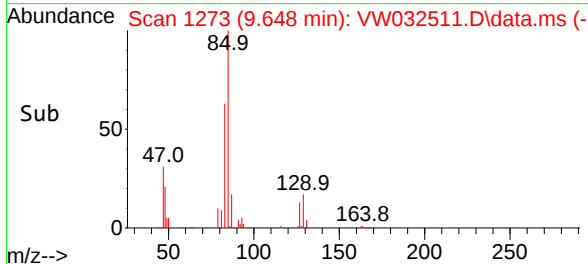
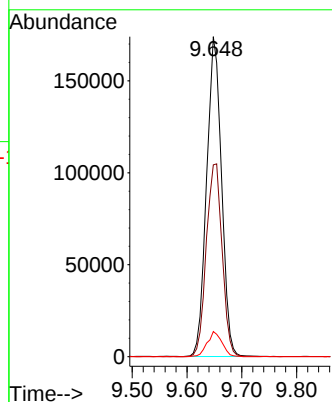
Tgt Ion: 83 Resp: 327748

Ion Ratio Lower Upper

83 100

85 60.0 48.7 73.1

127 7.9 6.3 9.5



#48

Methyl methacrylate

Concen: 53.350 ug/l

RT: 9.441 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VW032511.D

Acq: 20 Nov 2025 09:15

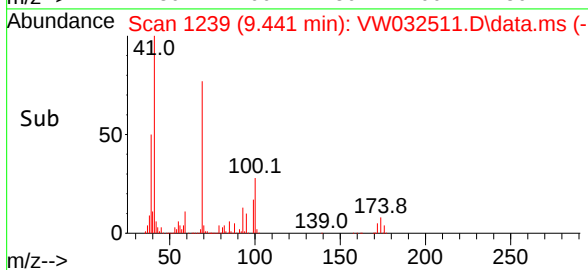
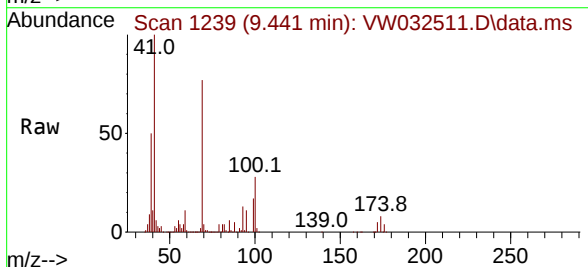
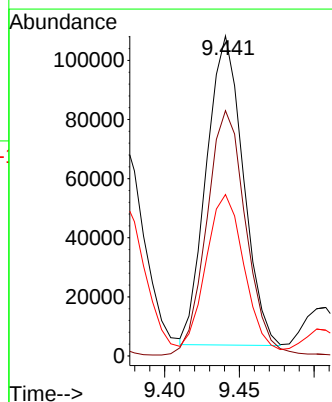
Tgt Ion: 41 Resp: 178851

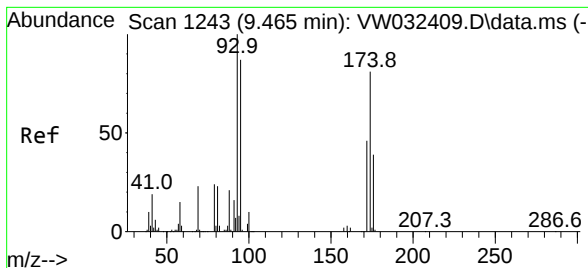
Ion Ratio Lower Upper

41 100

69 84.8 65.8 98.6

39 50.9 38.6 57.8





#49

1,4-Dioxane

Concen: 1123.577 ug/l

RT: 9.465 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032511.D

Acq: 20 Nov 2025 09:15

Instrument :

MSVOA_W

ClientSampleId :

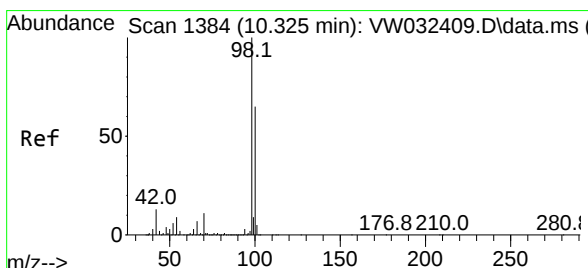
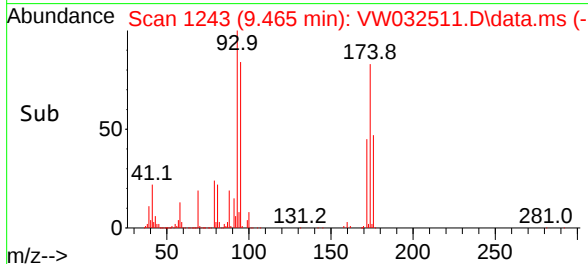
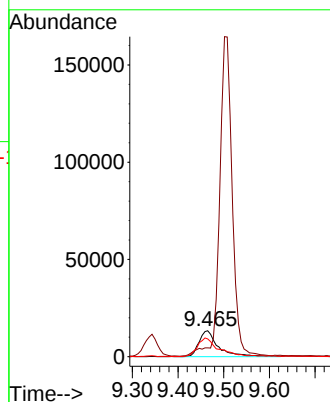
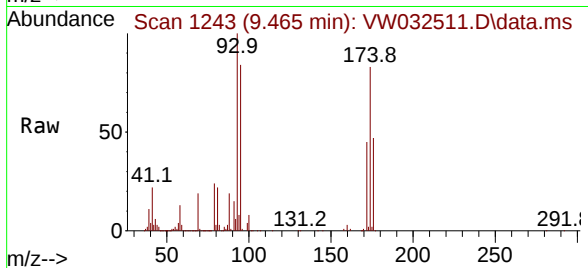
Tgt Ion: 88 Resp: 39519

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 76.2 63.0 94.4



#50

Toluene-d8

Concen: 54.283 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW032511.D

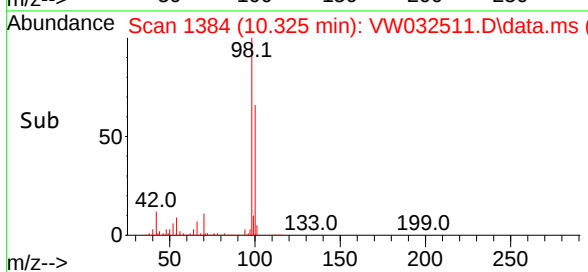
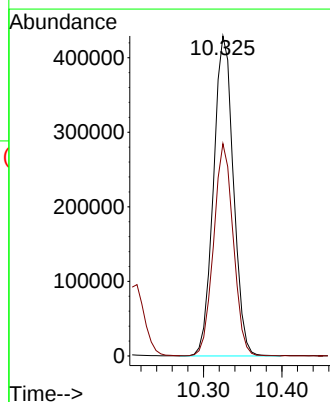
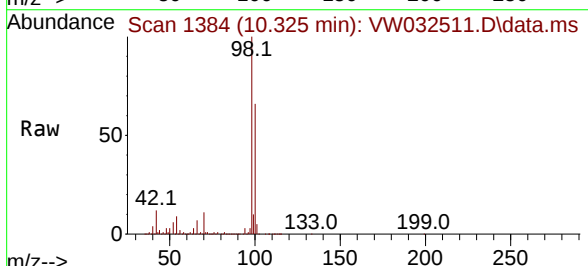
Acq: 20 Nov 2025 09:15

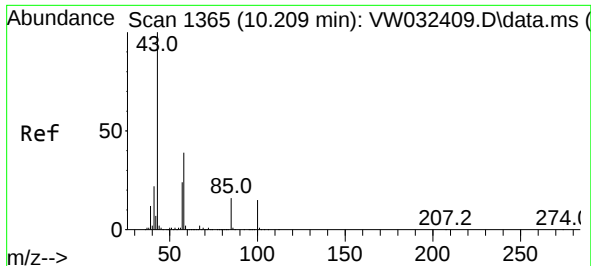
Tgt Ion: 98 Resp: 757307

Ion Ratio Lower Upper

98 100

100 65.3 53.3 79.9

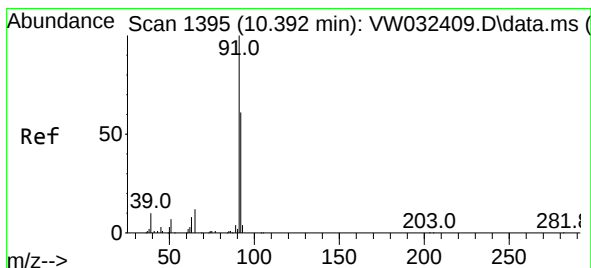
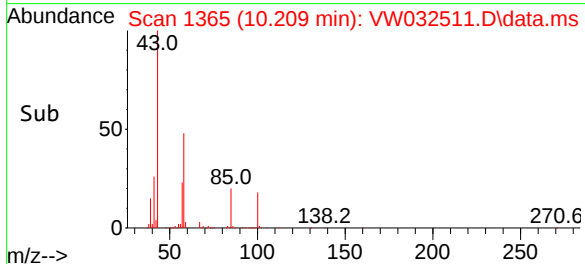
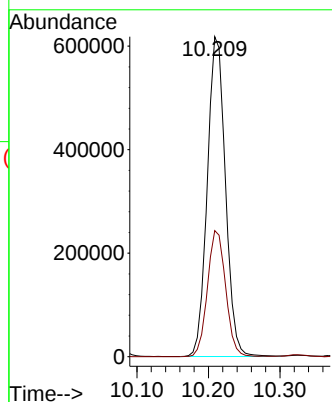
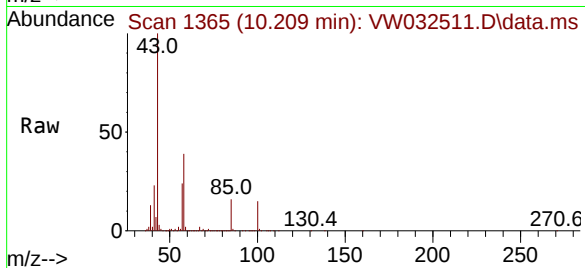




#51
4-Methyl-2-Pentanone
Concen: 279.543 ug/l
RT: 10.209 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

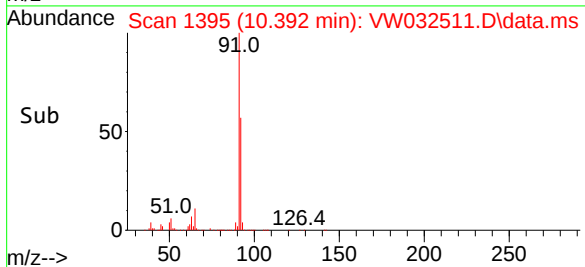
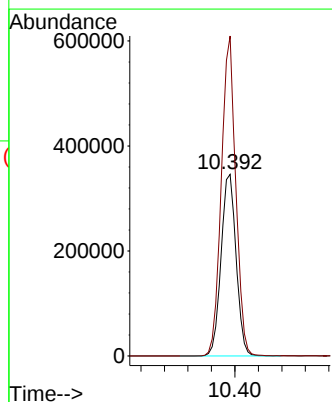
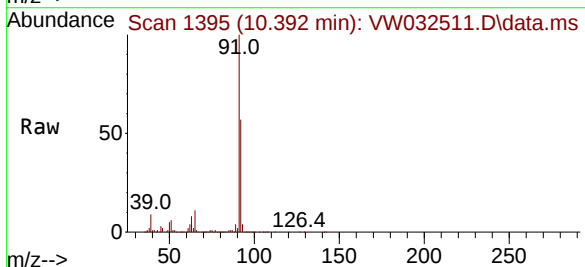
Instrument :
MSVOA_W
ClientSampleId :

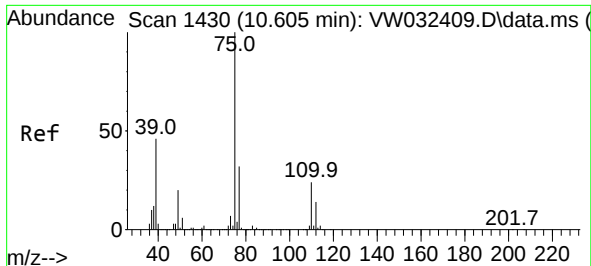
Tgt Ion: 43 Resp: 1090252
Ion Ratio Lower Upper
43 100
58 39.6 31.4 47.2



#52
Toluene
Concen: 57.609 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

Tgt Ion: 92 Resp: 614010
Ion Ratio Lower Upper
92 100
91 169.4 136.6 205.0

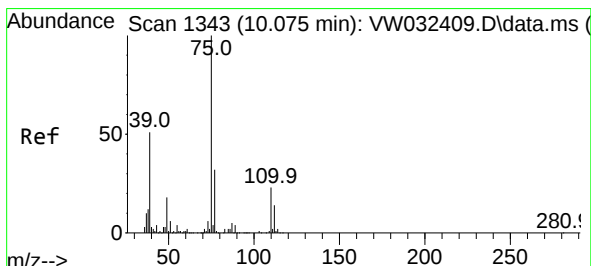
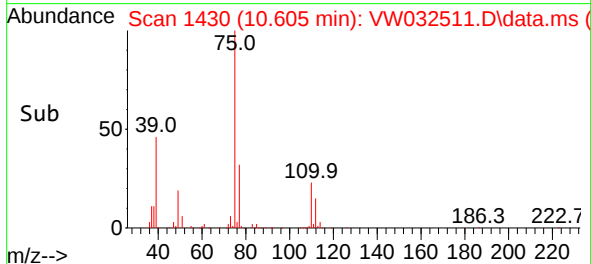
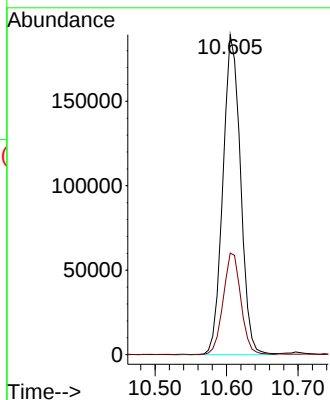
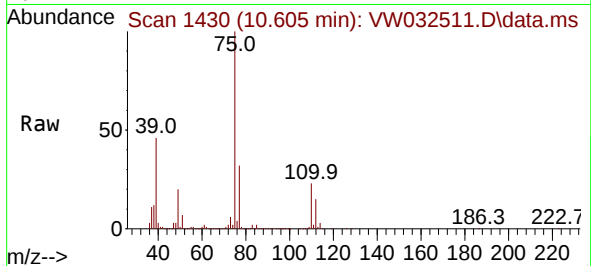




#53
t-1,3-Dichloropropene
Concen: 55.005 ug/l
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

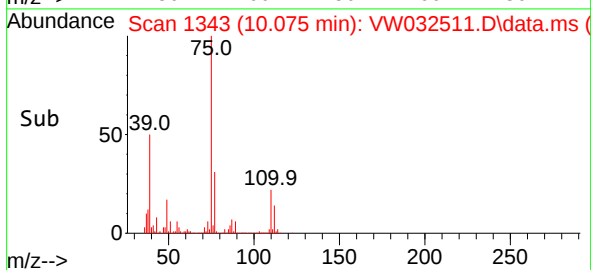
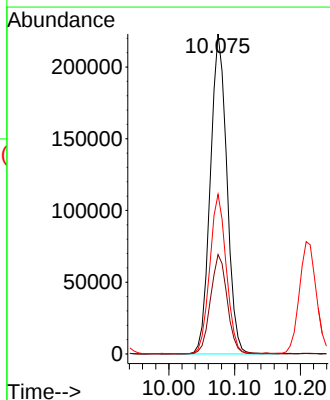
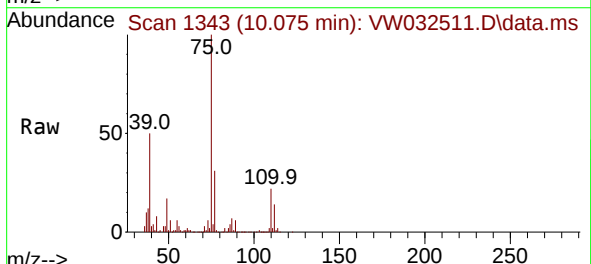
Instrument :
MSVOA_W
ClientSampleId :

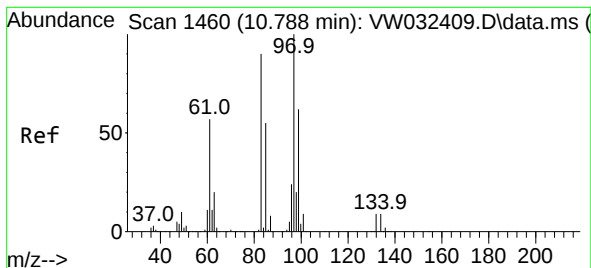
Tgt Ion: 75 Resp: 324443
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 57.290 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

Tgt Ion: 75 Resp: 390777
Ion Ratio Lower Upper
75 100
77 31.0 25.6 38.4
39 49.8 40.7 61.1

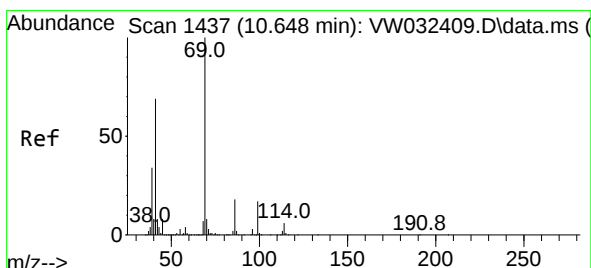
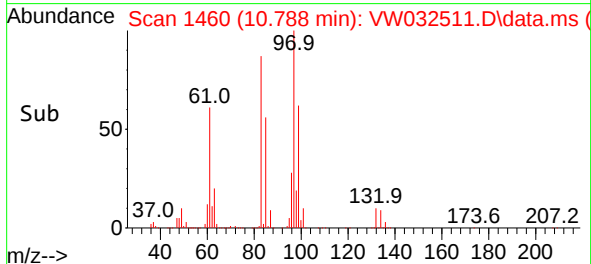
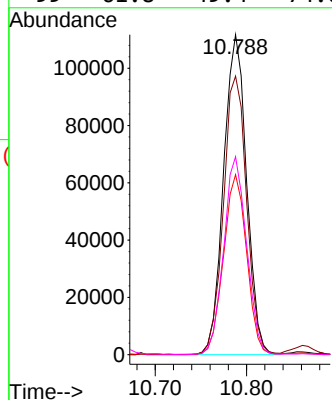
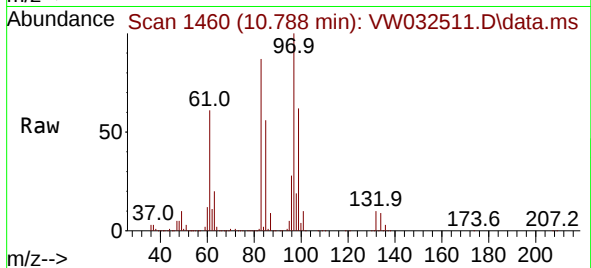




#55
1,1,2-Trichloroethane
Concen: 56.756 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

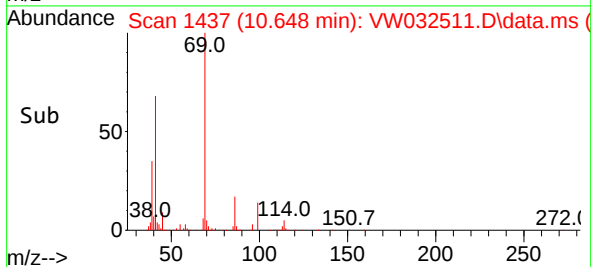
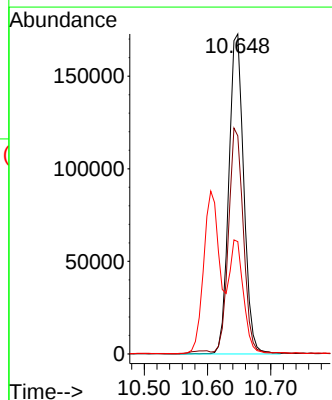
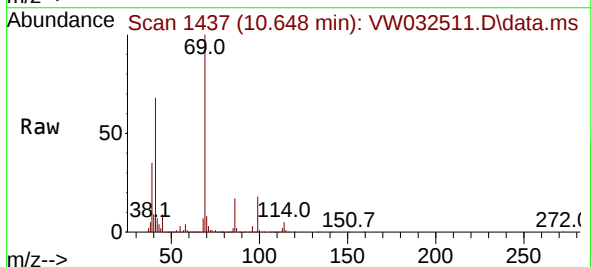
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	97	Resp:	195488
Ion	Ratio	Lower	Upper
97	100		
83	87.0	72.2	108.4
85	56.2	43.8	65.8
99	61.8	49.4	74.0



#56
Ethyl methacrylate
Concen: 53.581 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

Tgt Ion:	69	Resp:	283165
Ion	Ratio	Lower	Upper
69	100		
41	69.6	54.4	81.6
39	31.6	25.4	38.0





#57

1,3-Dichloropropane

Concen: 55.924 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW032511.D

Acq: 20 Nov 2025 09:15

Instrument :

MSVOA_W

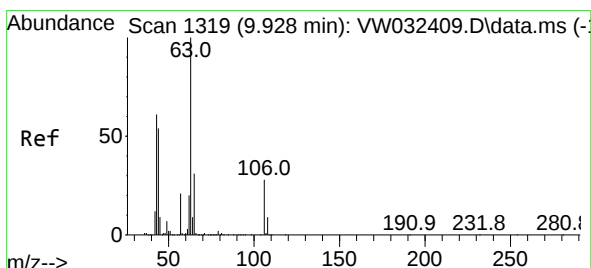
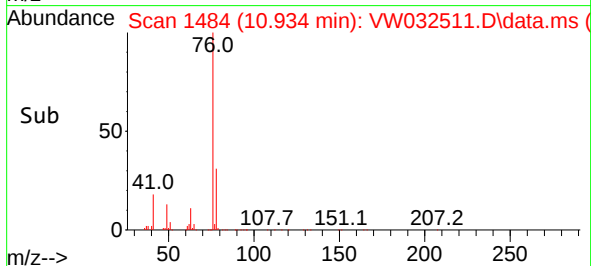
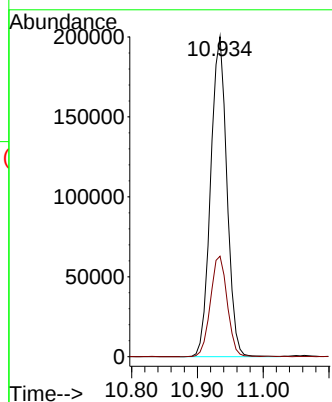
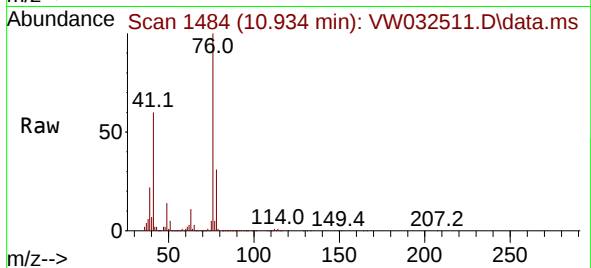
ClientSampleId :

Tgt Ion: 76 Resp: 344031

Ion Ratio Lower Upper

76 100

78 32.5 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 276.444 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW032511.D

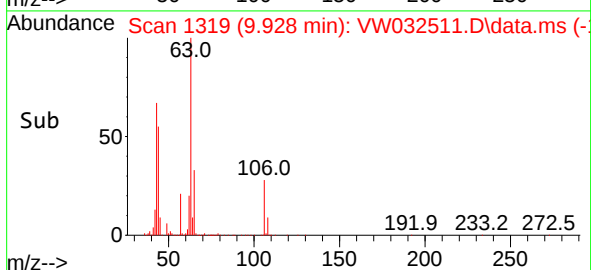
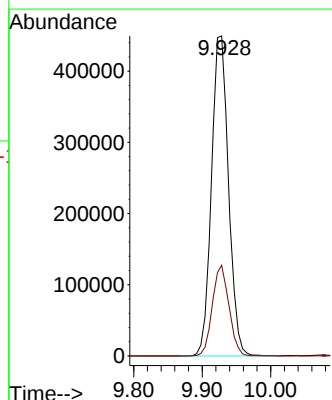
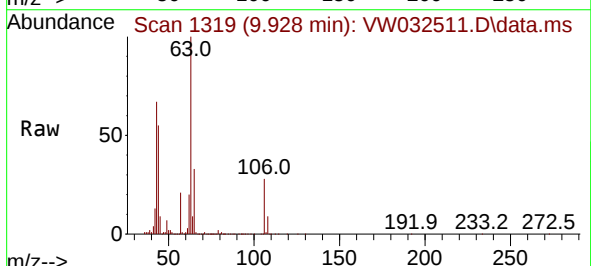
Acq: 20 Nov 2025 09:15

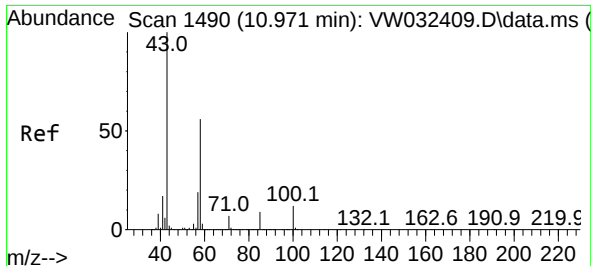
Tgt Ion: 63 Resp: 778026

Ion Ratio Lower Upper

63 100

106 27.6 22.0 33.0

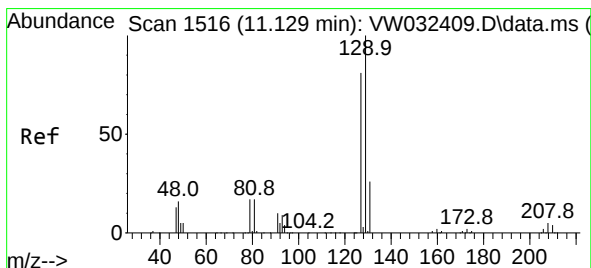
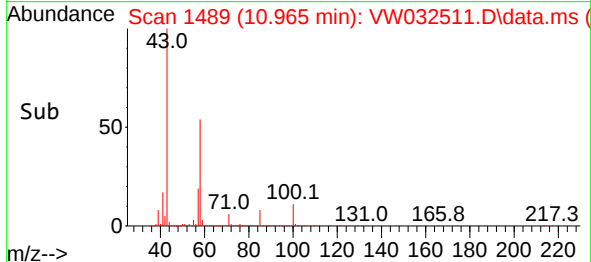
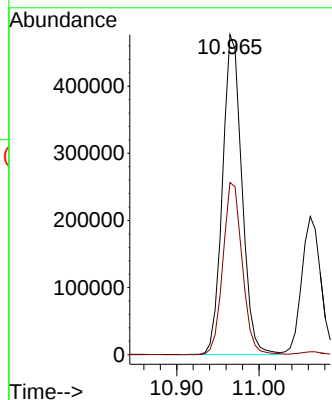
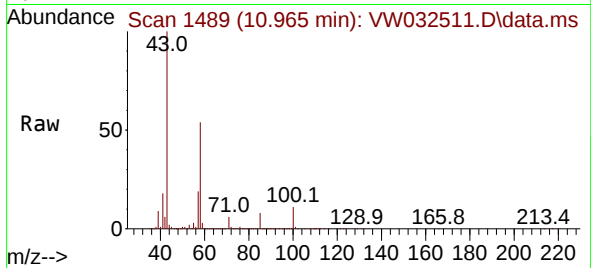




#59
2-Hexanone
Concen: 273.265 ug/l
RT: 10.965 min Scan# 1490
Delta R.T. -0.006 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

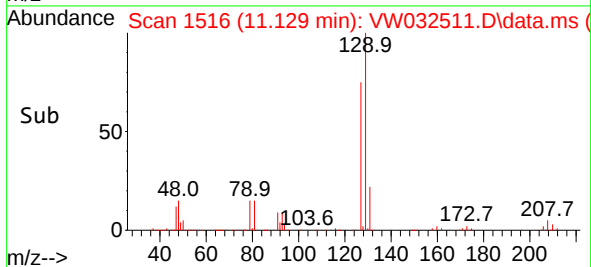
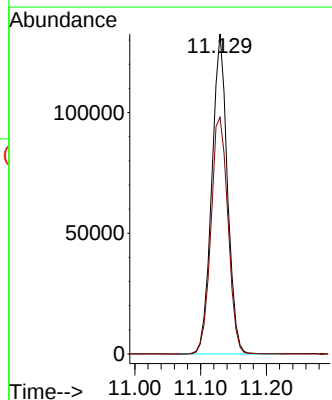
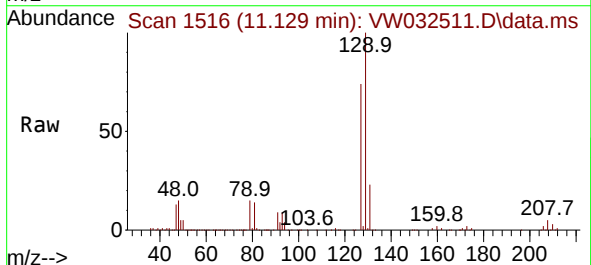
Instrument :
MSVOA_W
ClientSampleId :

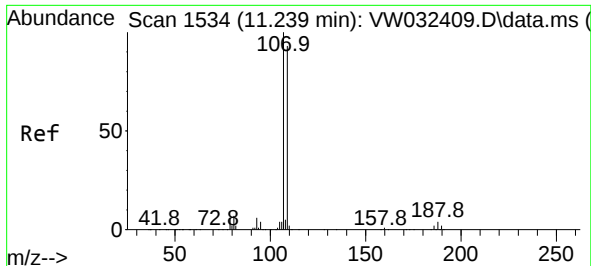
Tgt Ion: 43 Resp: 779753
Ion Ratio Lower Upper
43 100
58 53.6 27.4 82.2



#60
Dibromochloromethane
Concen: 56.876 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

Tgt Ion:129 Resp: 218768
Ion Ratio Lower Upper
129 100
127 80.4 39.2 117.6

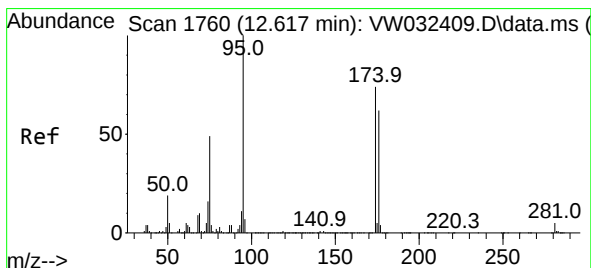
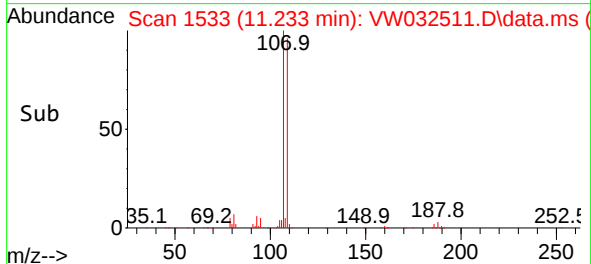
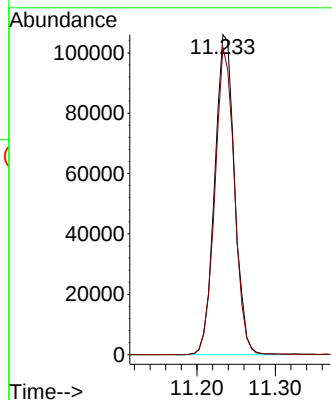
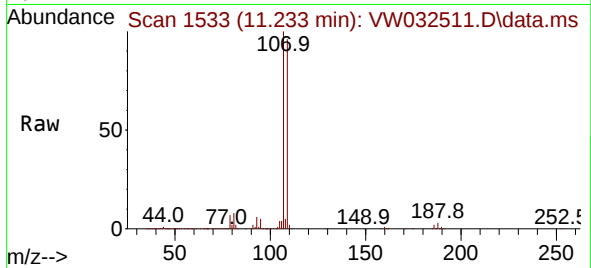




#61
1,2-Dibromoethane
Concen: 55.798 ug/l
RT: 11.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

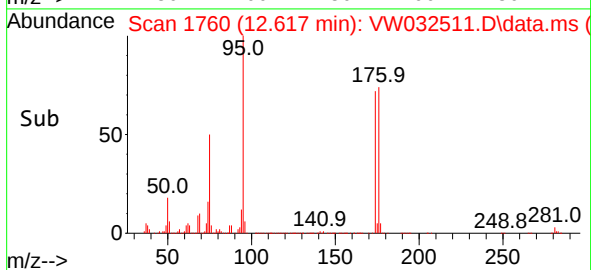
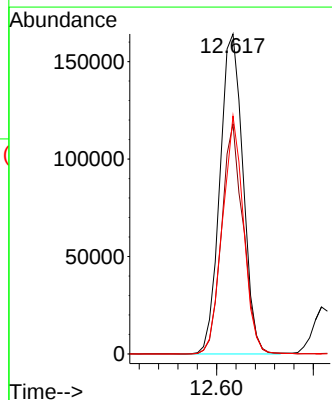
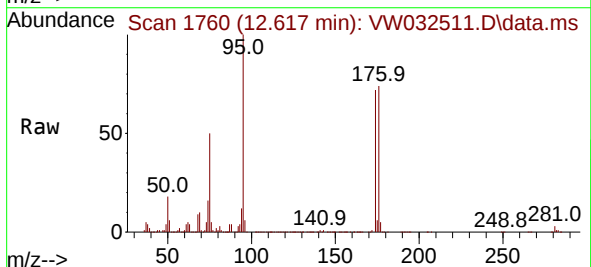
Instrument :
MSVOA_W
ClientSampleId :

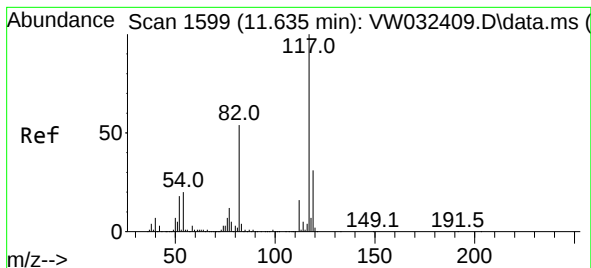
Tgt Ion:107 Resp: 187185
Ion Ratio Lower Upper
107 100
109 94.2 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 51.583 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

Tgt Ion: 95 Resp: 271851
Ion Ratio Lower Upper
95 100
174 67.4 0.0 135.4
176 68.2 0.0 131.8

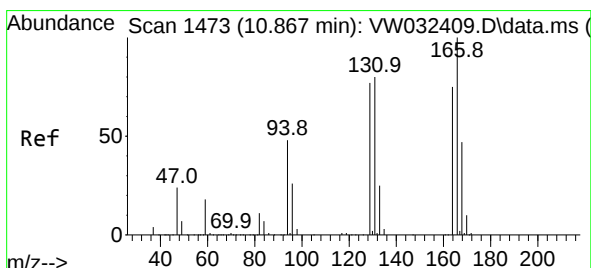
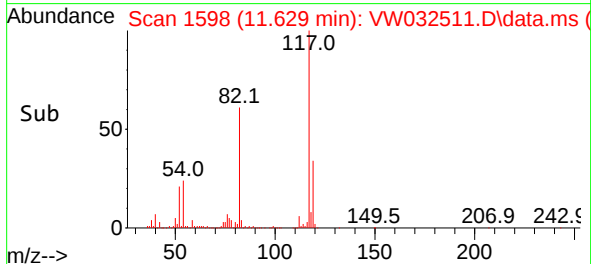
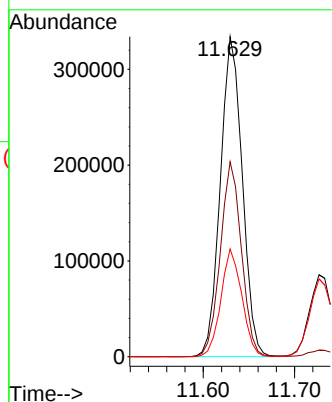
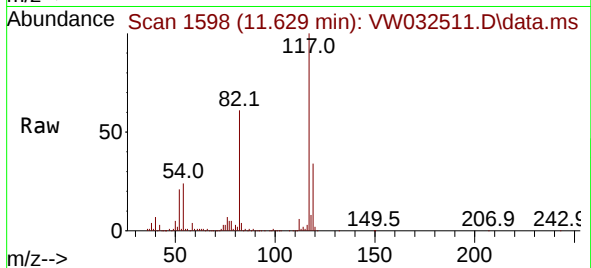




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

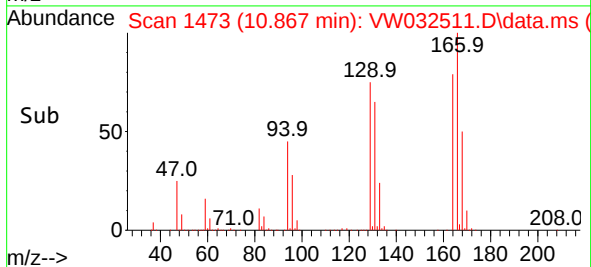
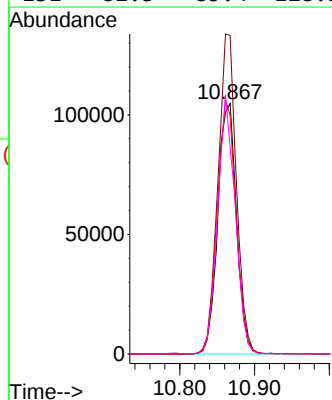
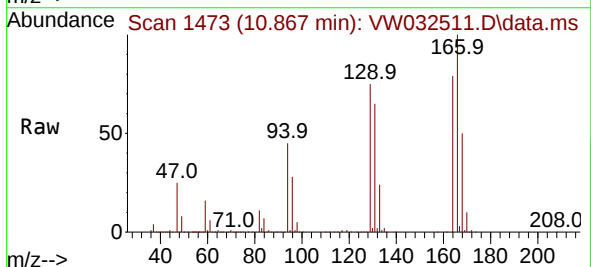
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:117 Resp: 557641
Ion Ratio Lower Upper
117 100
82 60.9 43.0 64.4
119 33.7 25.0 37.6



#64
Tetrachloroethene
Concen: 55.576 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

Tgt Ion:164 Resp: 183526
Ion Ratio Lower Upper
164 100
166 127.2 107.0 160.4
129 95.2 82.9 124.3
131 82.3 85.4 128.2#





#65

Chlorobenzene

Concen: 55.059 ug/l

RT: 11.654 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032511.D

Acq: 20 Nov 2025 09:15

Instrument :

MSVOA_W

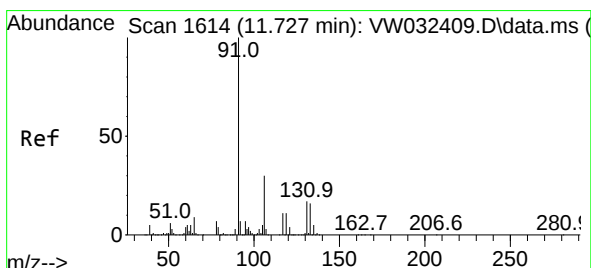
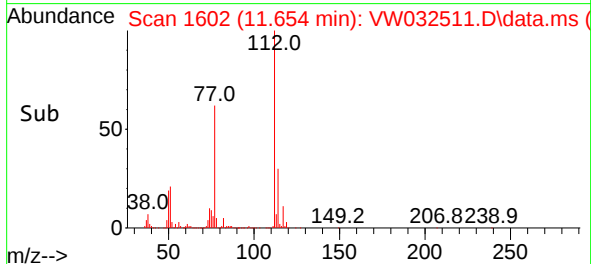
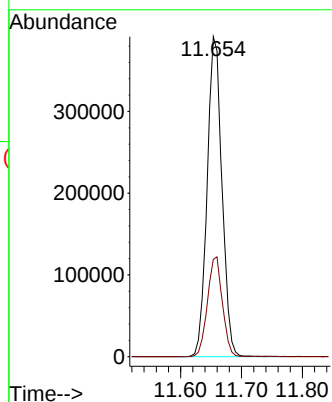
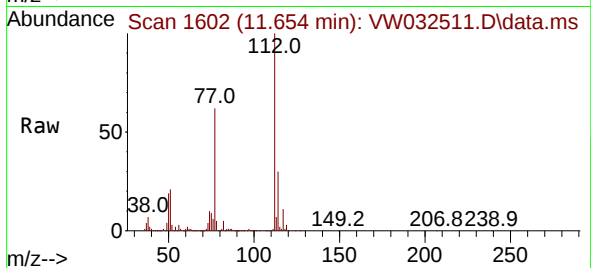
ClientSampleId :

Tgt Ion:112 Resp: 661763

Ion Ratio Lower Upper

112 100

114 30.4 24.4 36.6



#66

1,1,1,2-Tetrachloroethane

Concen: 55.268 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW032511.D

Acq: 20 Nov 2025 09:15

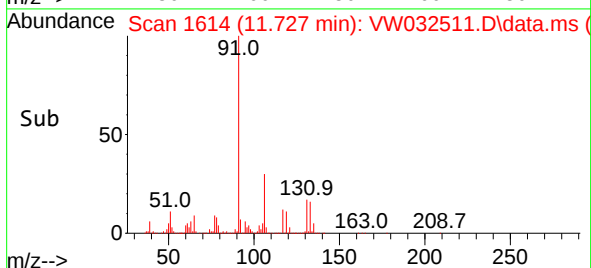
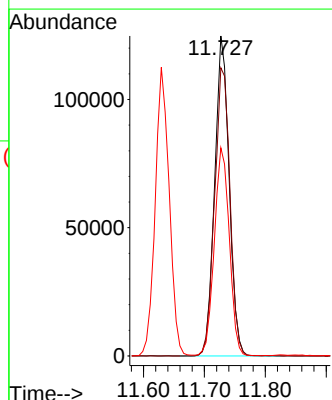
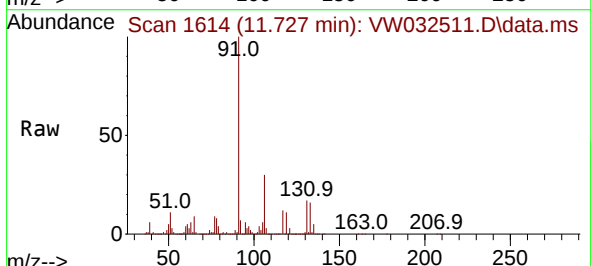
Tgt Ion:131 Resp: 205579

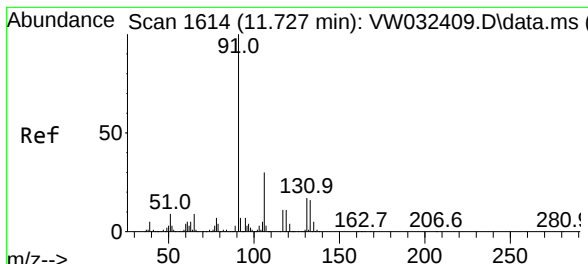
Ion Ratio Lower Upper

131 100

133 95.9 46.9 140.6

119 67.6 33.4 100.2

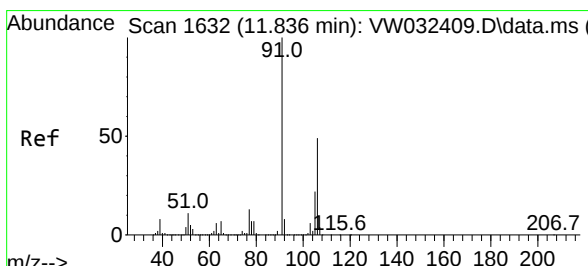
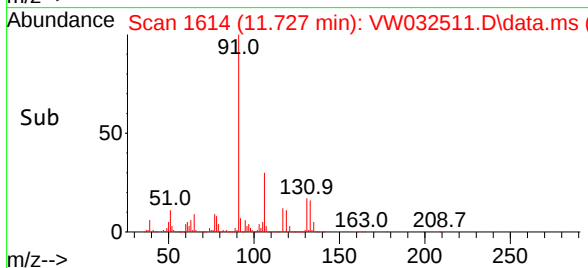
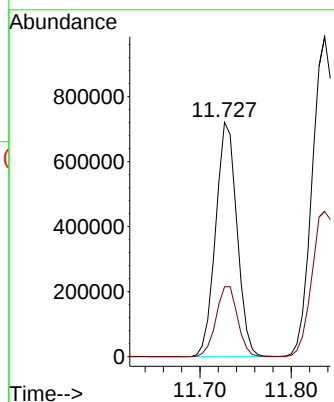
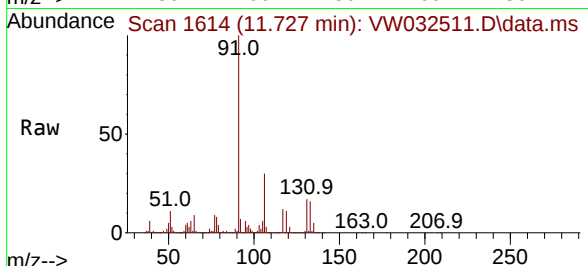




#67
Ethyl Benzene
Concen: 56.197 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

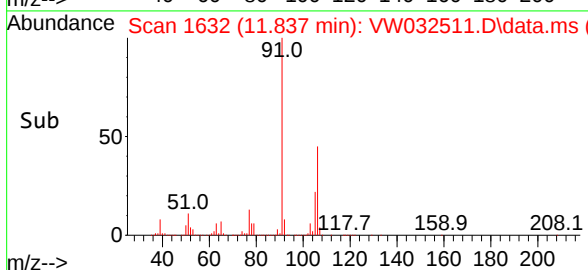
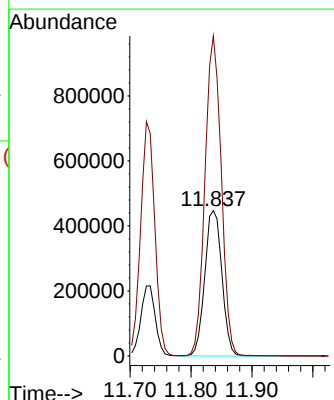
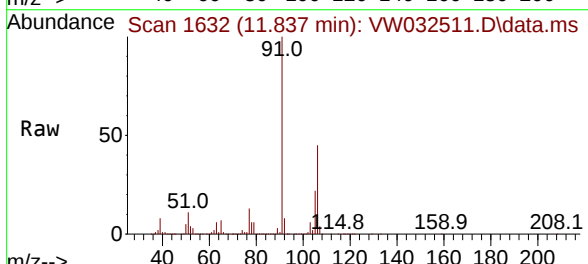
Instrument :
MSVOA_W
ClientSampleId :

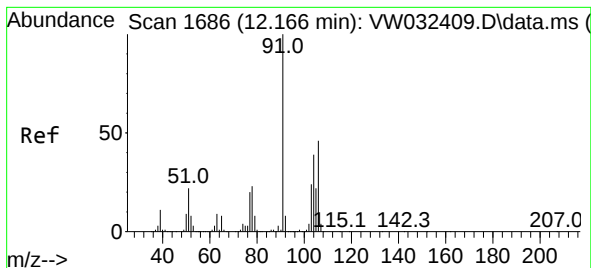
Tgt Ion: 91 Resp: 1168712
Ion Ratio Lower Upper
91 100
106 29.9 24.2 36.2



#68
m/p-Xylenes
Concen: 111.625 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

Tgt Ion: 106 Resp: 871604
Ion Ratio Lower Upper
106 100
91 209.9 165.5 248.3

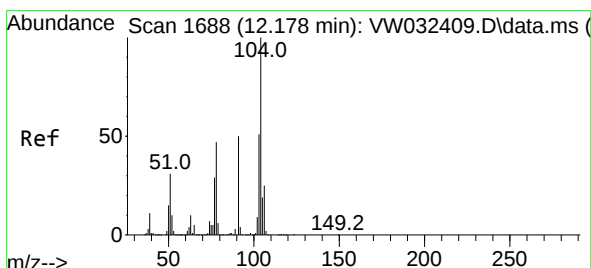
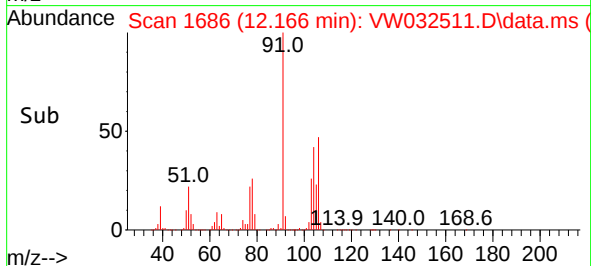
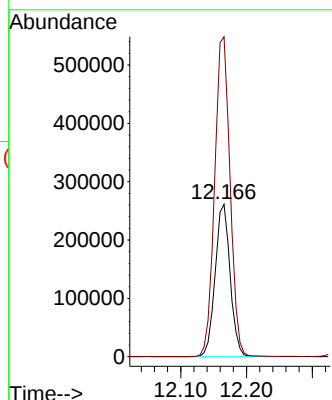
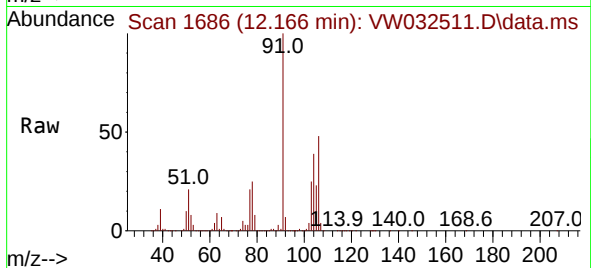




#69
o-Xylene
Concen: 55.430 ug/l
RT: 12.166 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

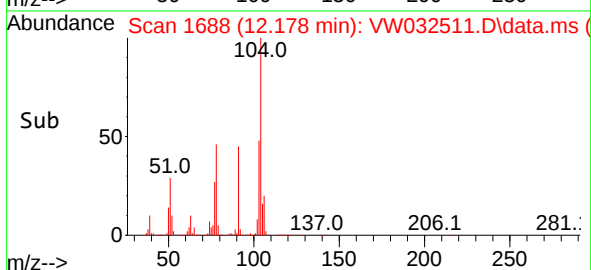
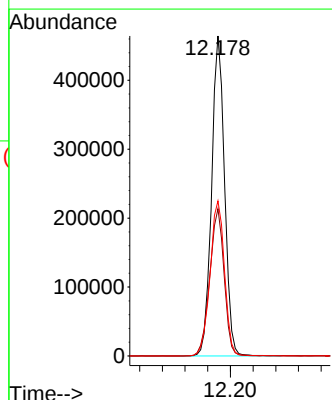
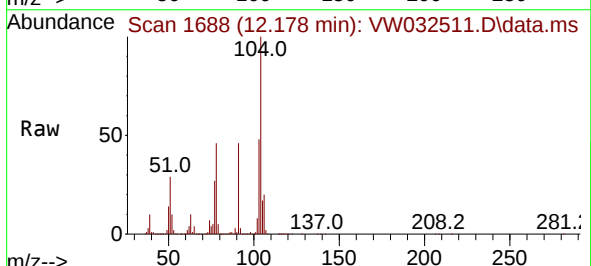
Instrument :
MSVOA_W
ClientSampleId :

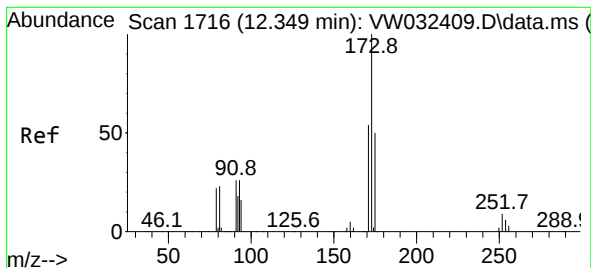
Tgt Ion:106 Resp: 414420
Ion Ratio Lower Upper
106 100
91 216.6 109.3 327.8



#70
Styrene
Concen: 57.303 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

Tgt Ion:104 Resp: 736990
Ion Ratio Lower Upper
104 100
78 50.7 40.7 61.1
103 53.9 43.9 65.9





#71

Bromoform

Concen: 53.196 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032511.D

Acq: 20 Nov 2025 09:15

Instrument :

MSVOA_W

ClientSampleId :

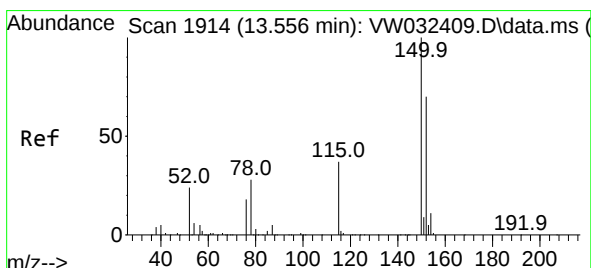
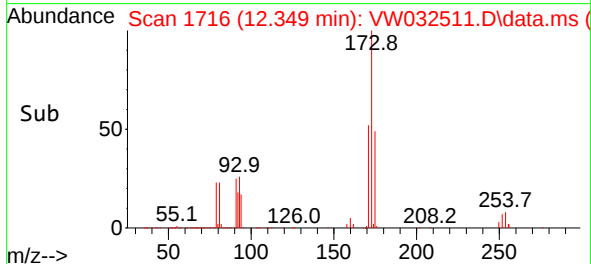
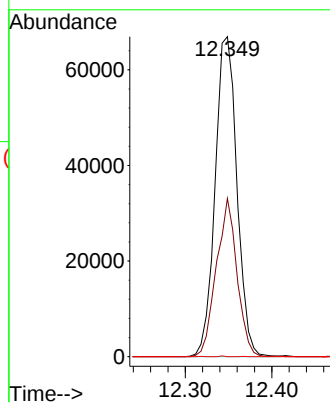
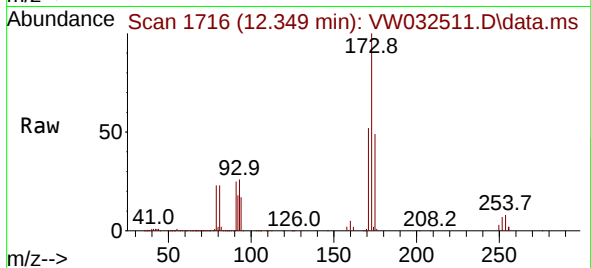
Tgt Ion:173 Resp: 117203

Ion Ratio Lower Upper

173 100

175 46.9 25.1 75.2

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.550 min Scan# 1913

Delta R.T. -0.006 min

Lab File: VW032511.D

Acq: 20 Nov 2025 09:15

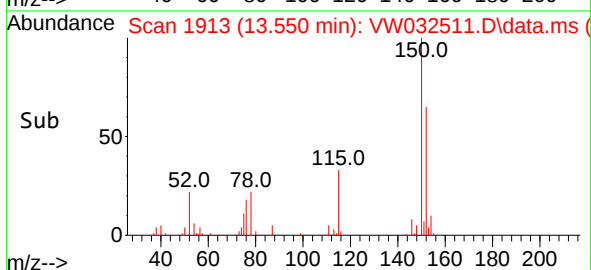
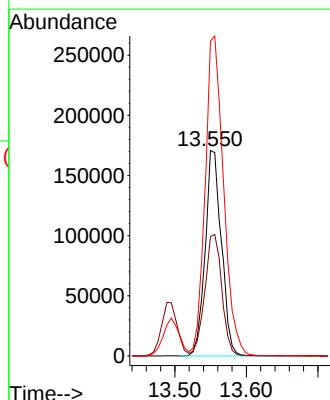
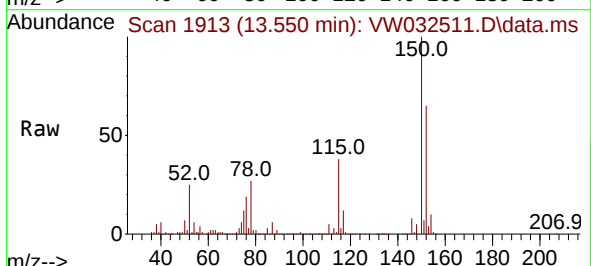
Tgt Ion:152 Resp: 270193

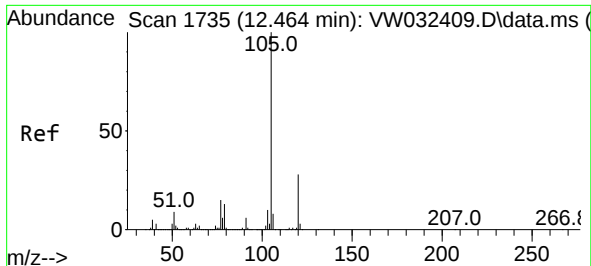
Ion Ratio Lower Upper

152 100

115 61.8 32.8 98.3

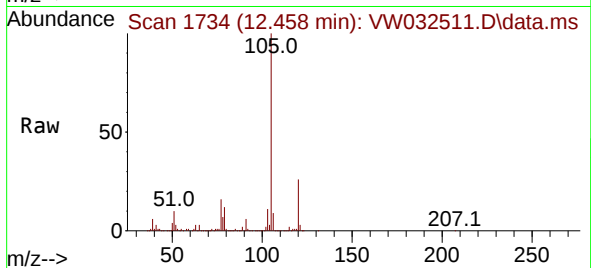
150 176.1 0.0 356.6



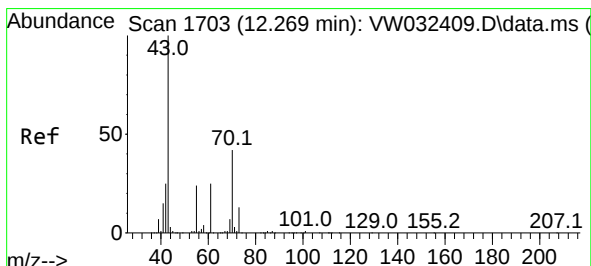
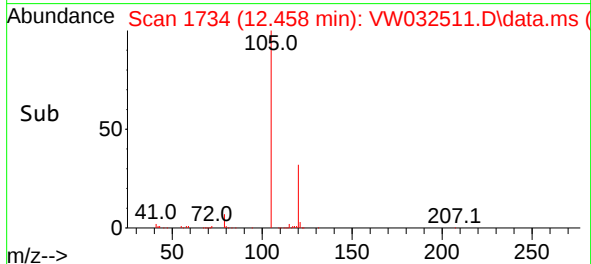
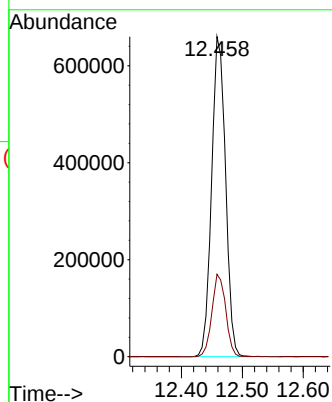


#73
Isopropylbenzene
Concen: 52.812 ug/l
RT: 12.458 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

Instrument :
MSVOA_W
ClientSampleId :

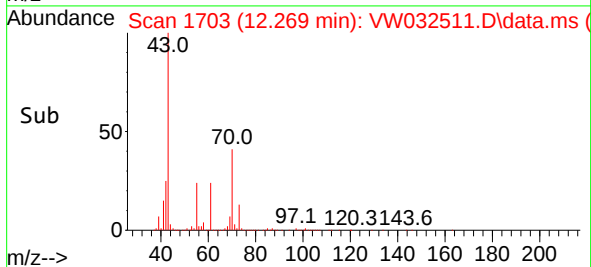
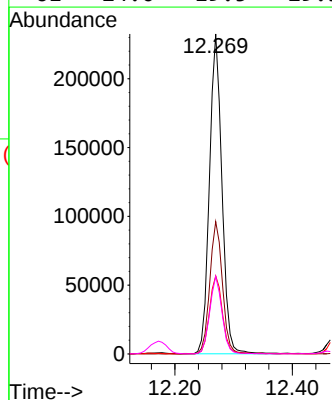
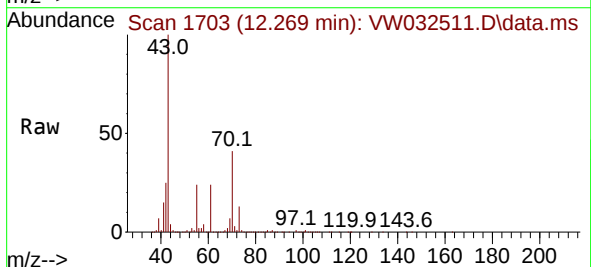


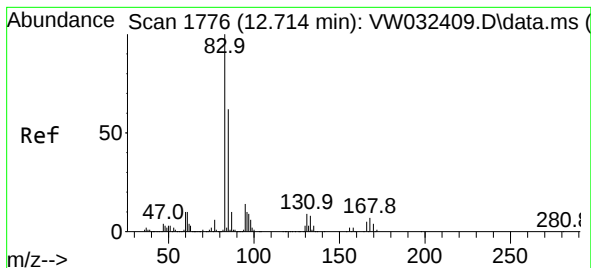
Tgt Ion:105 Resp: 1048001
Ion Ratio Lower Upper
105 100
120 25.5 13.2 39.5



#74
N-ethyl acetate
Concen: 49.751 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

Tgt Ion: 43 Resp: 343061
Ion Ratio Lower Upper
43 100
70 42.0 33.5 50.3
55 25.4 19.3 28.9
61 24.0 19.5 29.3

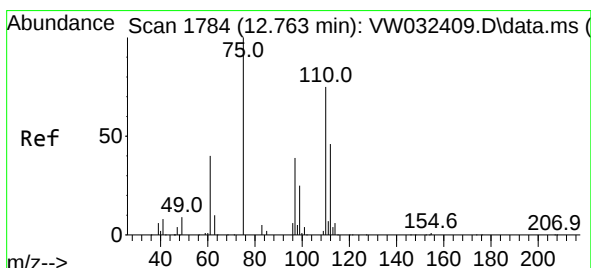
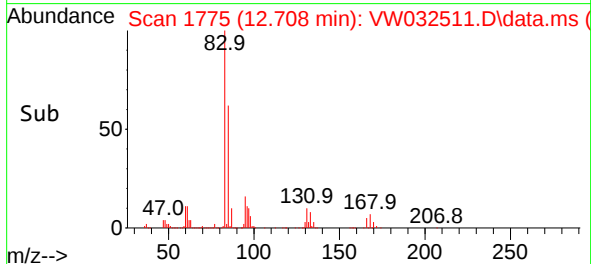
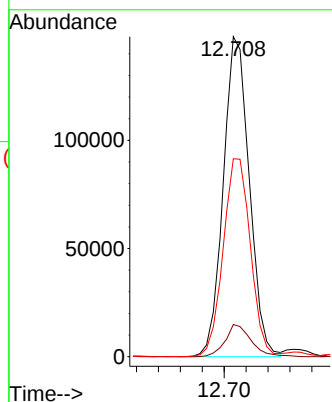
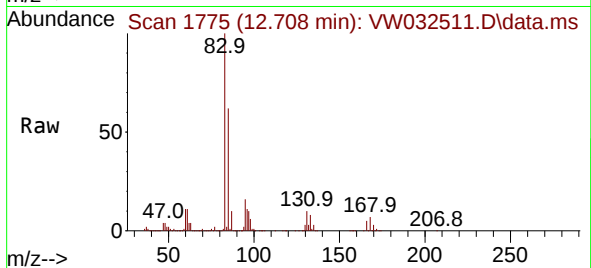




#75
1,1,2,2-Tetrachloroethane
Concen: 51.849 ug/l
RT: 12.708 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

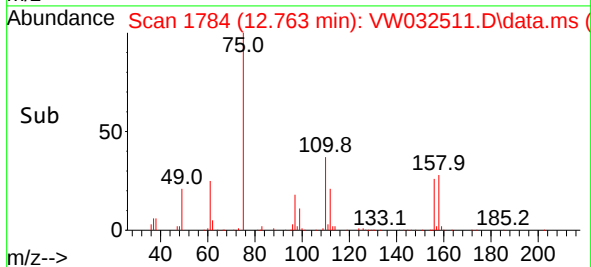
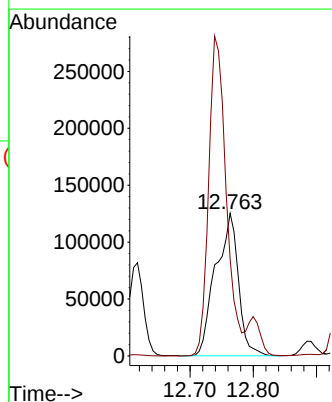
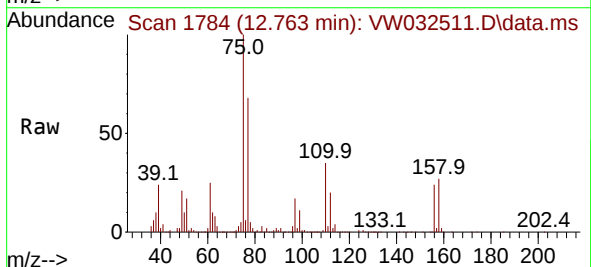
Instrument :
MSVOA_W
ClientSampleId :

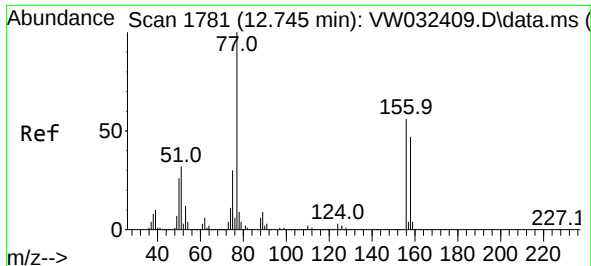
Tgt Ion: 83 Resp: 244181
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 64.8 31.6 94.8



#76
1,2,3-Trichloropropane
Concen: 84.274 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

Tgt Ion: 75 Resp: 312217
Ion Ratio Lower Upper
75 100
77 0.0 151.6 454.8#

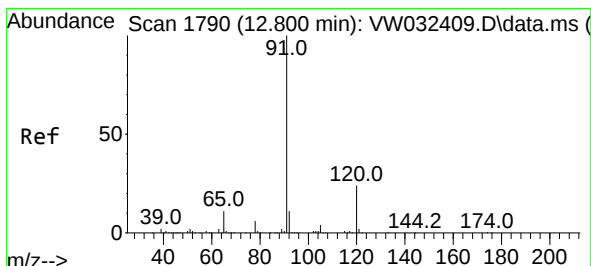
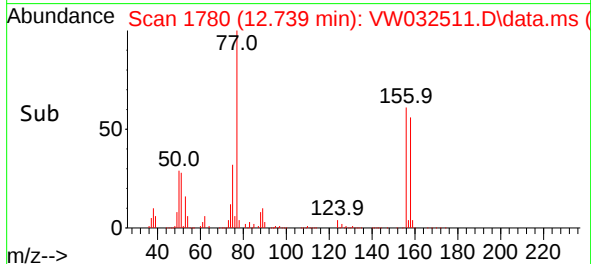
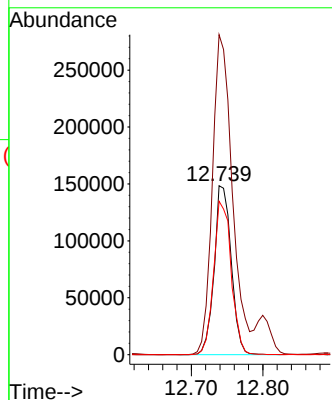
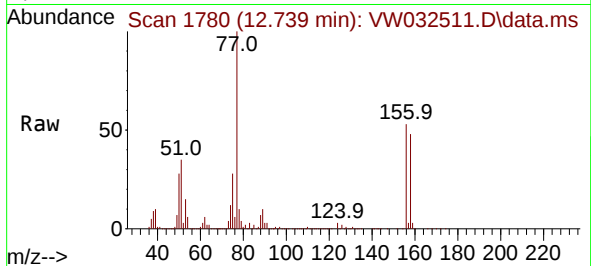




#77
Bromobenzene
Concen: 52.323 ug/l
RT: 12.739 min Scan# 1780
Delta R.T. -0.006 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

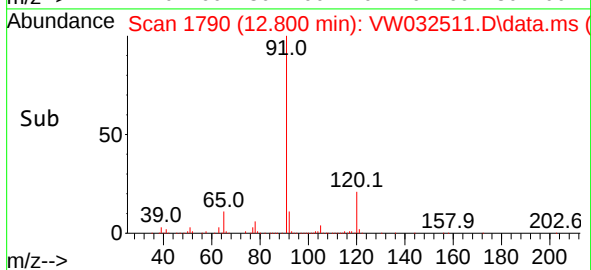
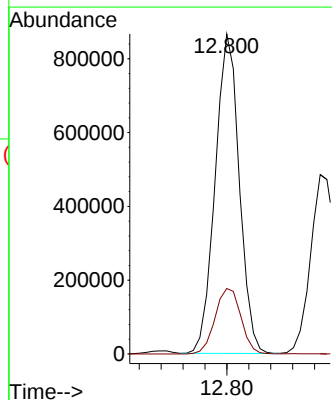
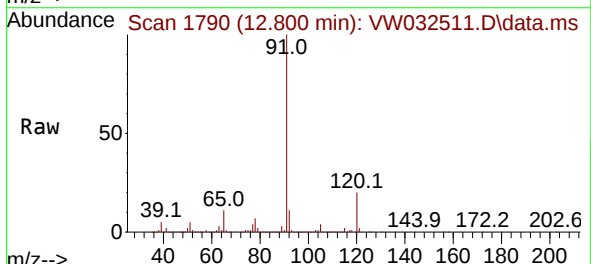
Instrument :
MSVOA_W
ClientSampleId :

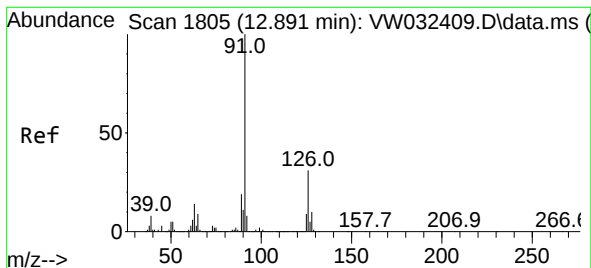
Tgt Ion:156 Resp: 245834
Ion Ratio Lower Upper
156 100
77 219.9 108.0 324.0
158 93.9 45.1 135.5



#78
n-propylbenzene
Concen: 54.756 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

Tgt Ion: 91 Resp: 1323237
Ion Ratio Lower Upper
91 100
120 21.9 11.3 33.9





#79

2-Chlorotoluene

Concen: 53.926 ug/l

RT: 12.885 min Scan# 1804

Delta R.T. -0.006 min

Lab File: VW032511.D

Acq: 20 Nov 2025 09:15

Instrument :

MSVOA_W

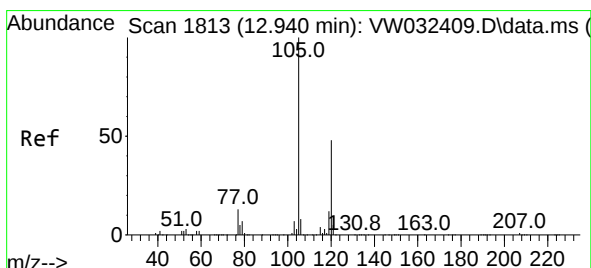
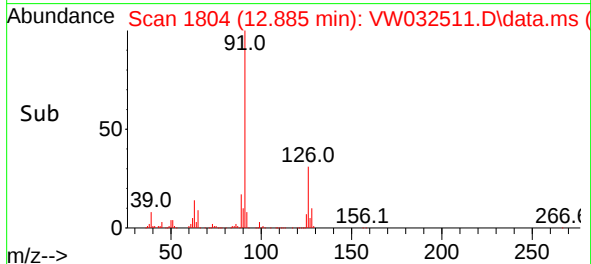
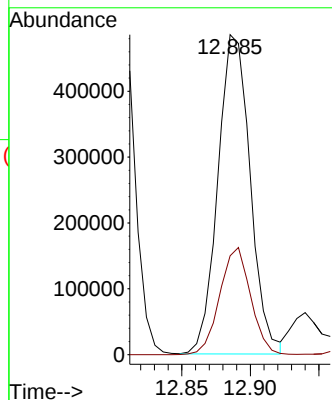
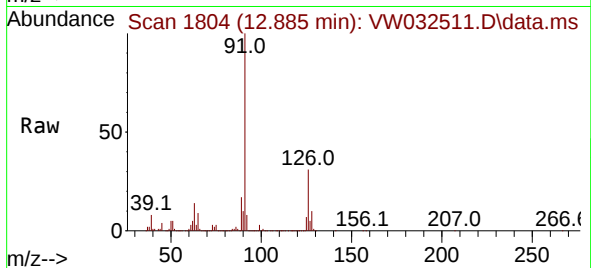
ClientSampleId :

Tgt Ion: 91 Resp: 795531

Ion Ratio Lower Upper

91 100

126 32.1 16.1 48.2



#80

1,3,5-Trimethylbenzene

Concen: 53.144 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW032511.D

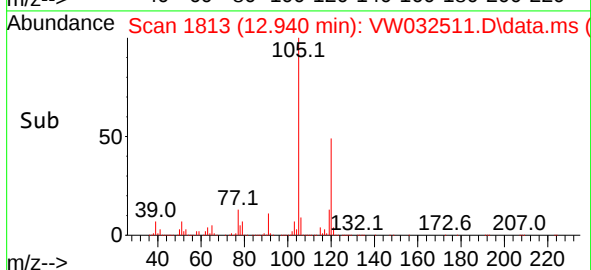
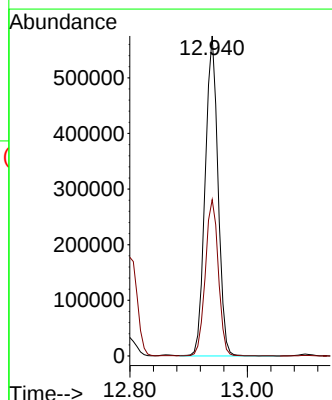
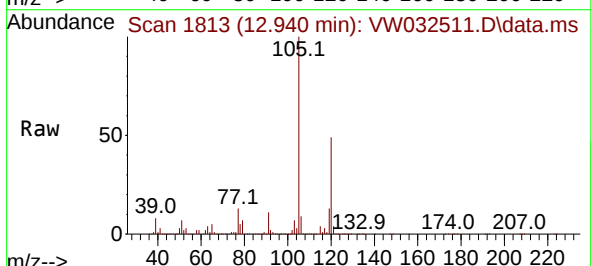
Acq: 20 Nov 2025 09:15

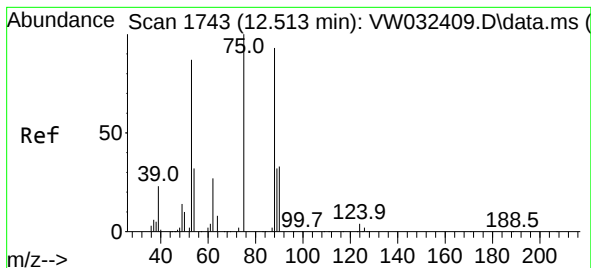
Tgt Ion:105 Resp: 870033

Ion Ratio Lower Upper

105 100

120 49.5 24.2 72.6

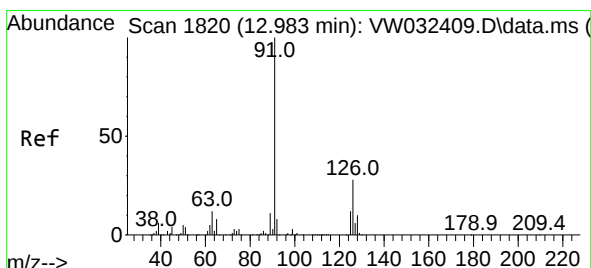
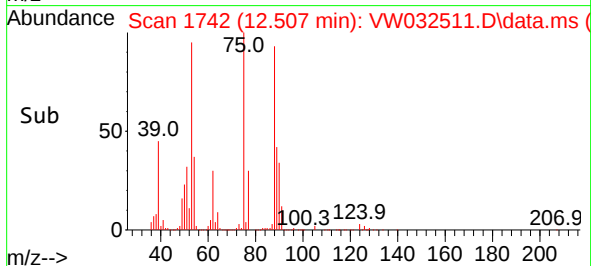
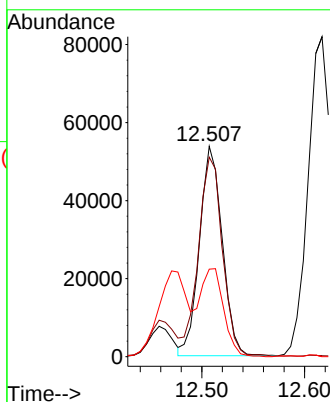
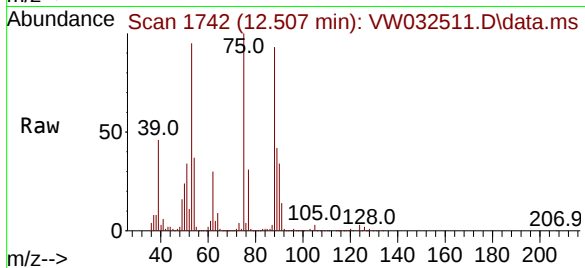




#81
trans-1,4-Dichloro-2-butene
Concen: 51.199 ug/l
RT: 12.507 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

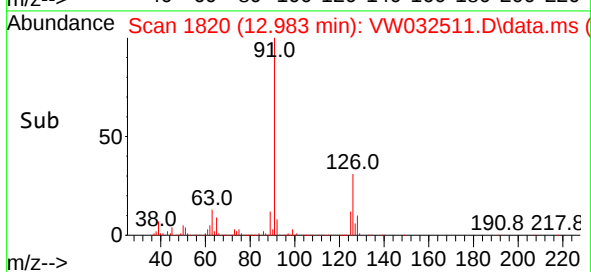
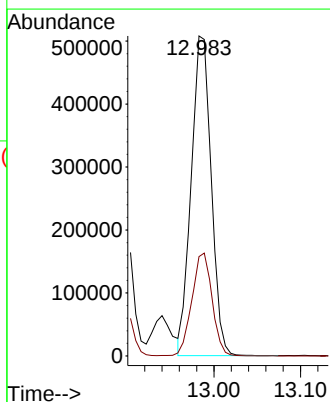
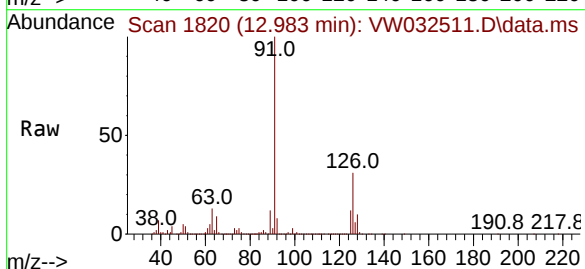
Instrument :
MSVOA_W
ClientSampleId :

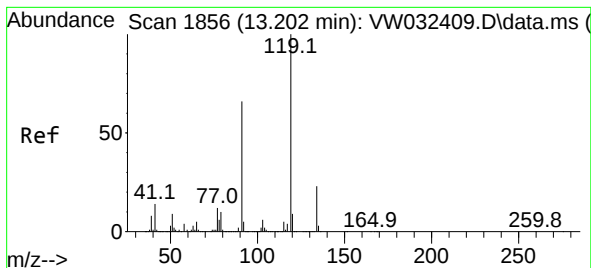
Tgt Ion: 75 Resp: 82814
Ion Ratio Lower Upper
75 100
53 100.9 77.8 116.8
89 45.0 35.6 53.4



#82
4-Chlorotoluene
Concen: 53.025 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

Tgt Ion: 91 Resp: 813607
Ion Ratio Lower Upper
91 100
126 32.7 15.5 46.5

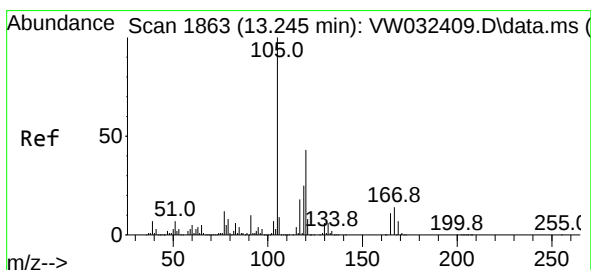
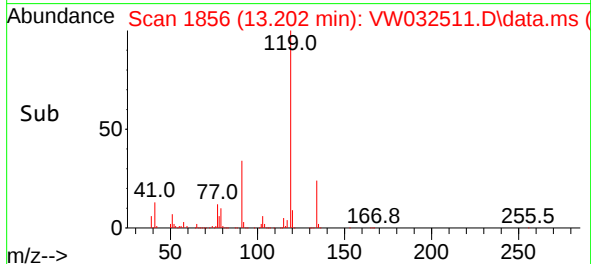
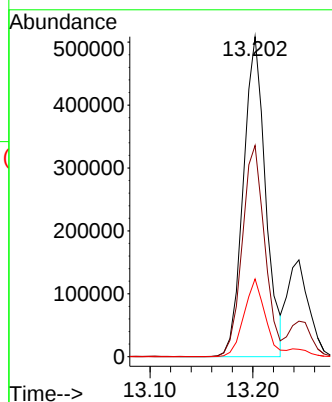
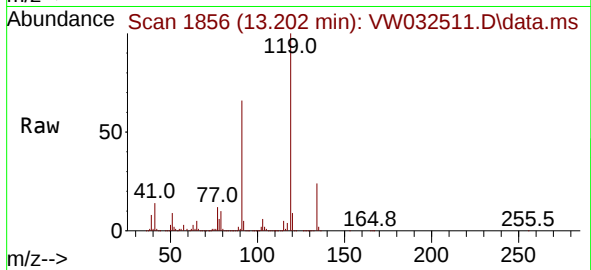




#83
tert-Butylbenzene
Concen: 53.642 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

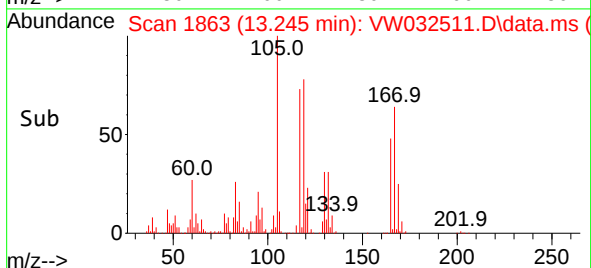
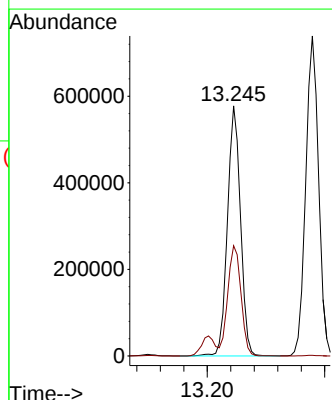
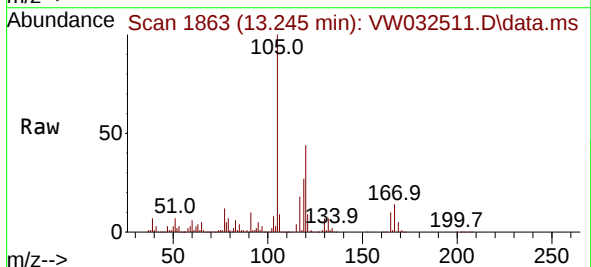
Instrument :
MSVOA_W
ClientSampleId :

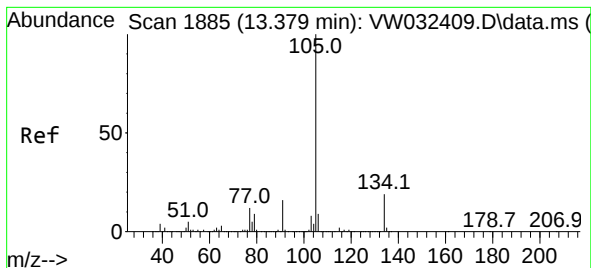
Tgt Ion:119 Resp: 763927
Ion Ratio Lower Upper
119 100
91 66.9 33.3 99.9
134 23.5 12.2 36.4



#84
1,2,4-Trimethylbenzene
Concen: 53.573 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

Tgt Ion:105 Resp: 892057
Ion Ratio Lower Upper
105 100
120 44.6 22.1 66.5





#85

sec-Butylbenzene

Concen: 52.800 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032511.D

Acq: 20 Nov 2025 09:15

Instrument :

MSVOA_W

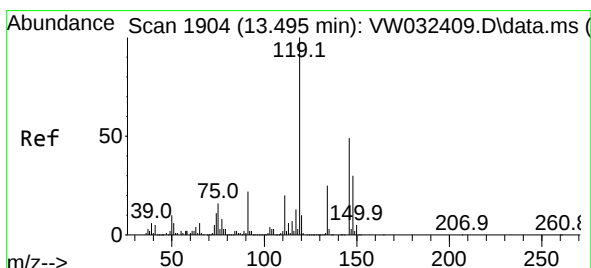
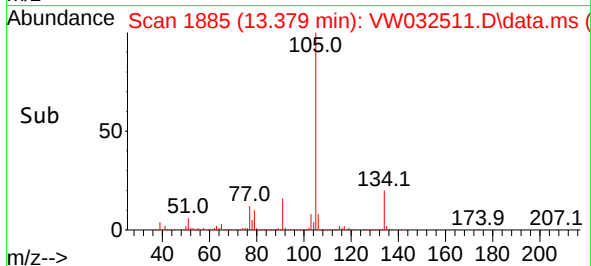
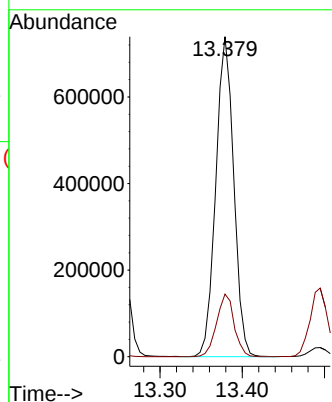
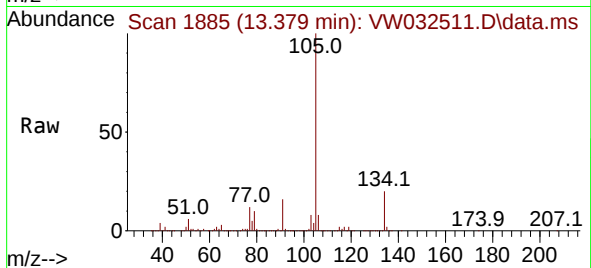
ClientSampleId :

Tgt Ion:105 Resp: 1119872

Ion Ratio Lower Upper

105 100

134 19.1 9.8 29.3



#86

p-Isopropyltoluene

Concen: 52.946 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032511.D

Acq: 20 Nov 2025 09:15

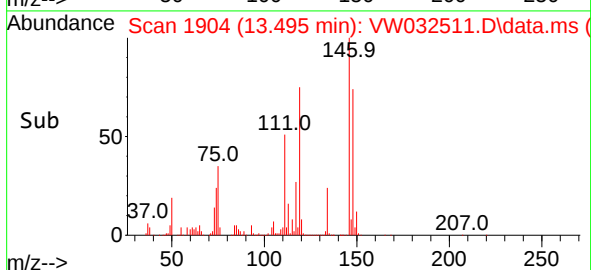
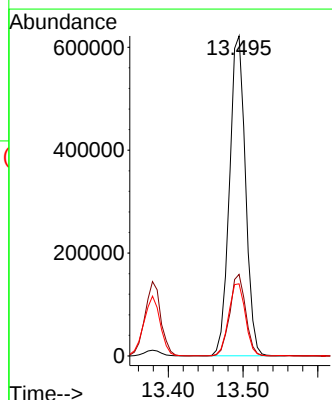
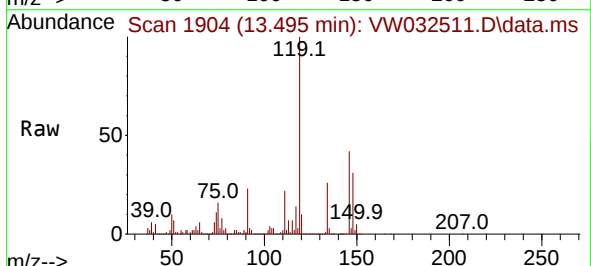
Tgt Ion:119 Resp: 927196

Ion Ratio Lower Upper

119 100

134 25.3 12.7 38.1

91 23.6 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 52.821 ug/l

RT: 13.501 min Scan# 1905

Delta R.T. 0.006 min

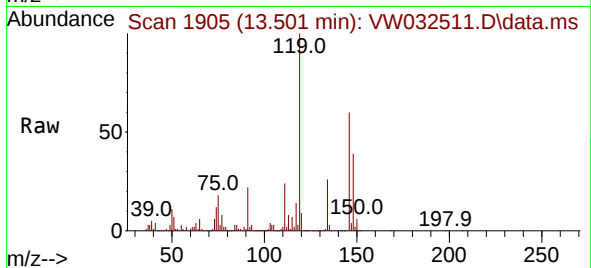
Lab File: VW032511.D

Acq: 20 Nov 2025 09:15

Instrument :

MSVOA_W

ClientSampleId :



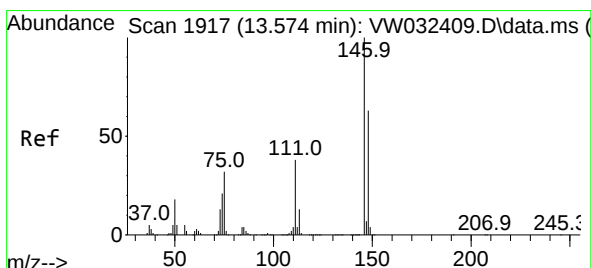
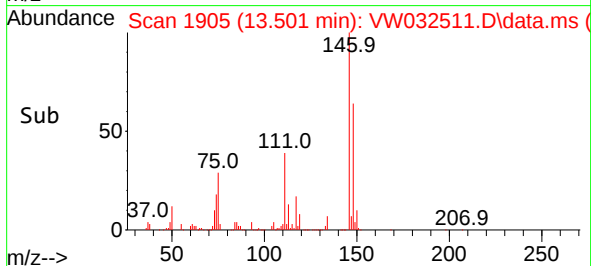
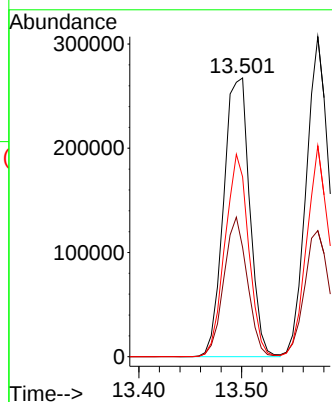
Tgt Ion:146 Resp: 470529

Ion Ratio Lower Upper

146 100

111 45.0 22.2 66.6

148 66.1 33.4 100.1



#88

1,4-Dichlorobenzene

Concen: 52.586 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032511.D

Acq: 20 Nov 2025 09:15

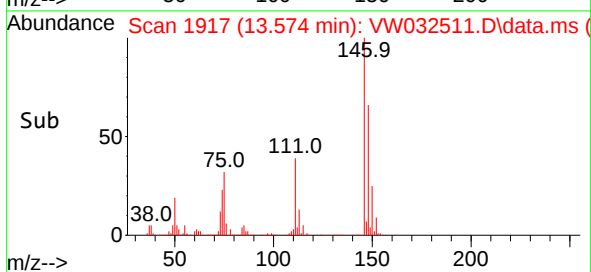
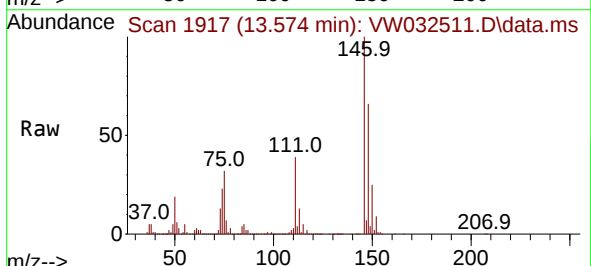
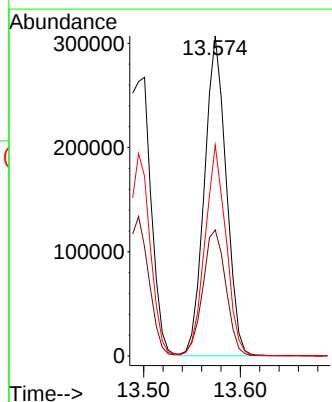
Tgt Ion:146 Resp: 479905

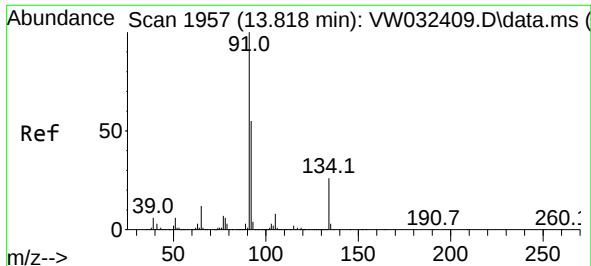
Ion Ratio Lower Upper

146 100

111 41.8 20.5 61.6

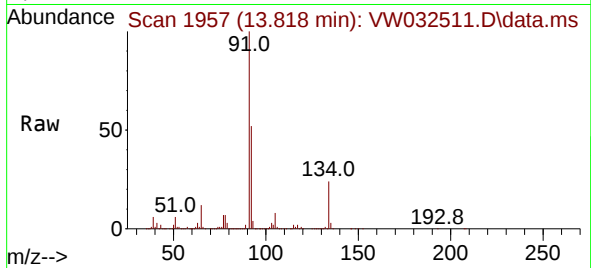
148 64.2 31.2 93.6



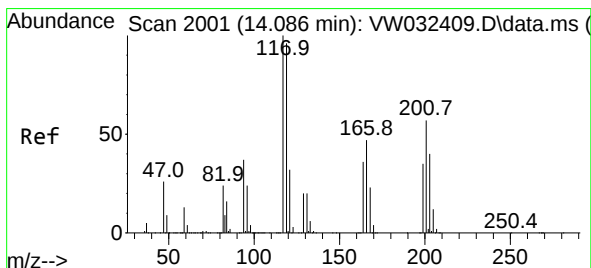
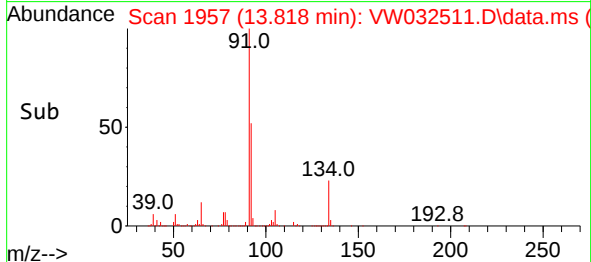
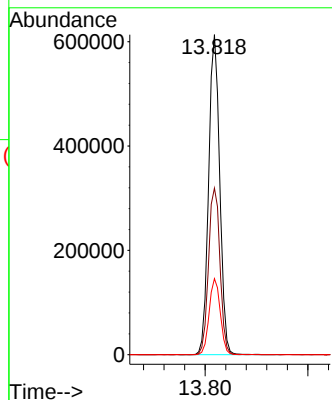


#89
n-Butylbenzene
Concen: 53.416 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

Instrument :
MSVOA_W
ClientSampleId :

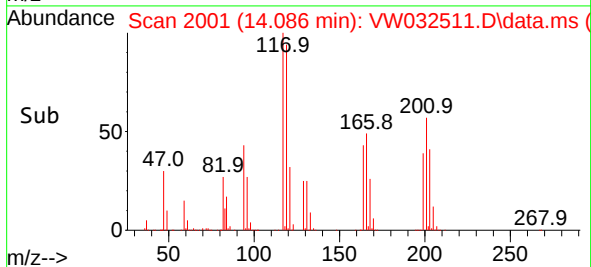
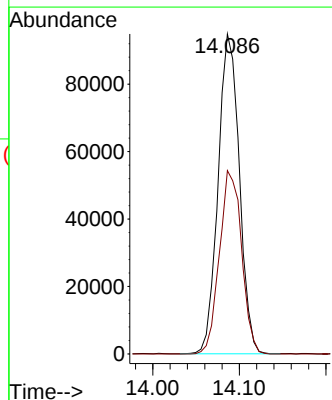
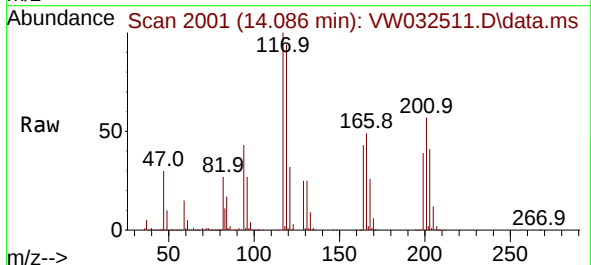


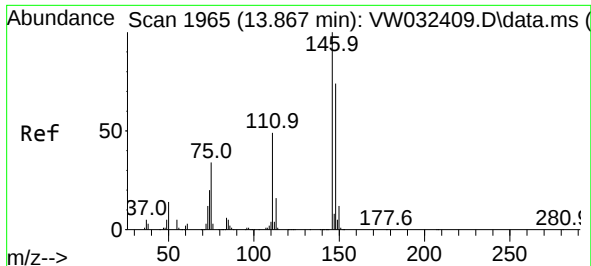
Tgt Ion: 91 Resp: 913882
Ion Ratio Lower Upper
91 100
92 53.9 27.4 82.2
134 23.9 12.4 37.4



#90
Hexachloroethane
Concen: 51.106 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VW032511.D
Acq: 20 Nov 2025 09:15

Tgt Ion: 117 Resp: 161363
Ion Ratio Lower Upper
117 100
201 59.8 32.0 96.0

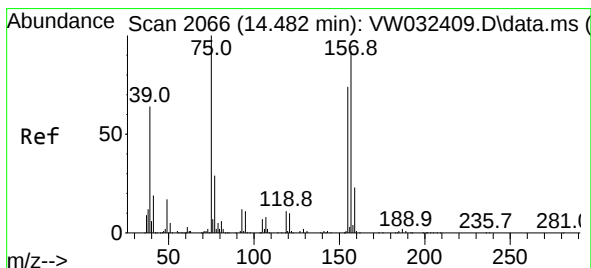
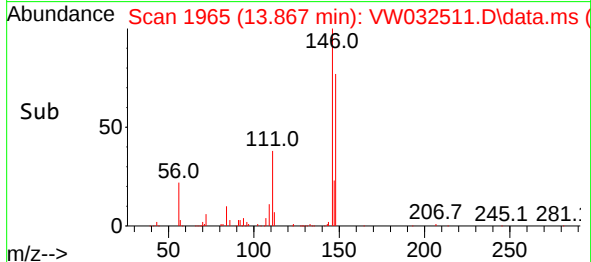
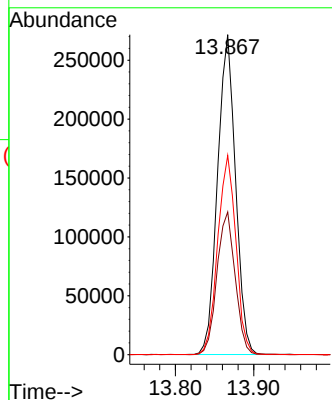
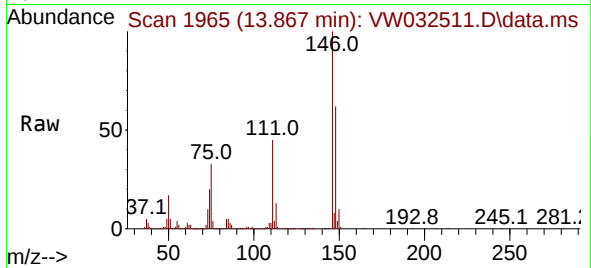




#91
 1,2-Dichlorobenzene
 Concen: 53.231 ug/l
 RT: 13.867 min Scan# 1965
 Delta R.T. 0.000 min
 Lab File: VW032511.D
 Acq: 20 Nov 2025 09:15

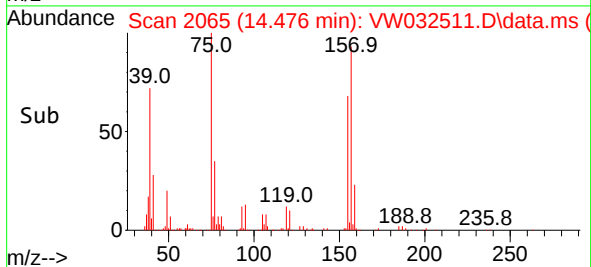
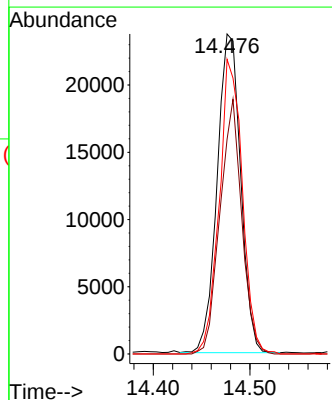
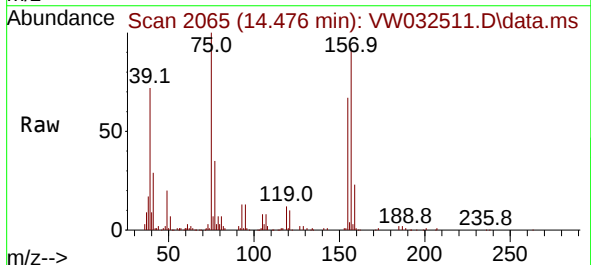
Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:146 Resp: 435287
 Ion Ratio Lower Upper
 146 100
 111 45.0 23.4 70.2
 148 62.9 34.0 101.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.209 ug/l
 RT: 14.476 min Scan# 2065
 Delta R.T. -0.006 min
 Lab File: VW032511.D
 Acq: 20 Nov 2025 09:15

Tgt Ion: 75 Resp: 39923
 Ion Ratio Lower Upper
 75 100
 155 74.2 36.2 108.6
 157 91.0 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 48.431 ug/l

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW032511.D

Acq: 20 Nov 2025 09:15

Instrument :

MSVOA_W

ClientSampleId :

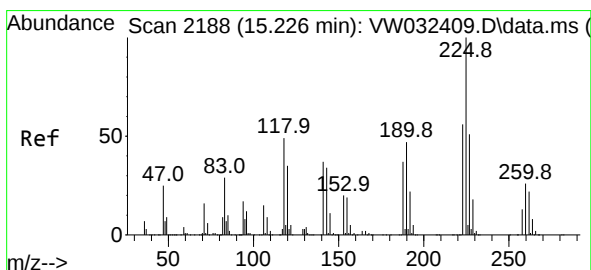
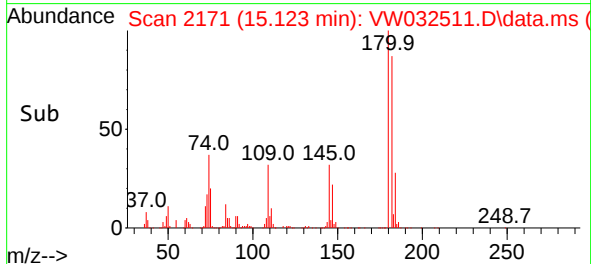
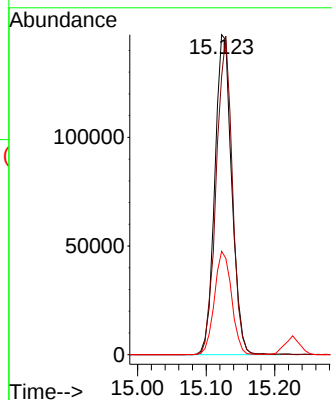
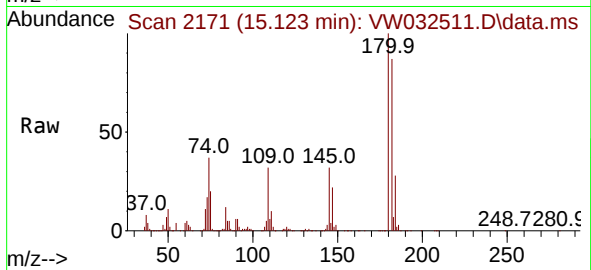
Tgt Ion:180 Resp: 252026

Ion Ratio Lower Upper

180 100

182 94.9 45.3 135.9

145 32.9 16.2 48.5



#94

Hexachlorobutadiene

Concen: 46.828 ug/l

RT: 15.220 min Scan# 2187

Delta R.T. -0.006 min

Lab File: VW032511.D

Acq: 20 Nov 2025 09:15

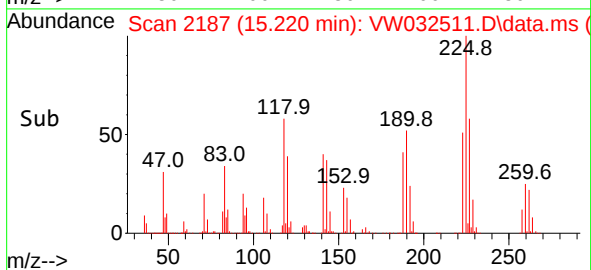
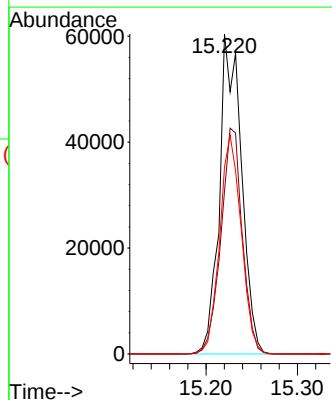
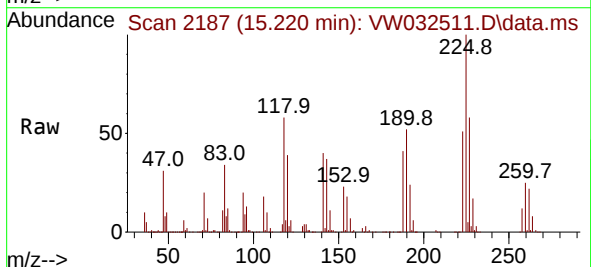
Tgt Ion:225 Resp: 101225

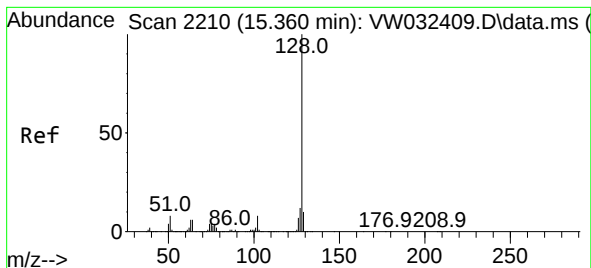
Ion Ratio Lower Upper

225 100

223 68.4 30.6 91.8

227 66.8 29.8 89.4





#95

Naphthalene

Concen: 48.290 ug/l

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW032511.D

Acq: 20 Nov 2025 09:15

Instrument :

MSVOA_W

ClientSampleId :

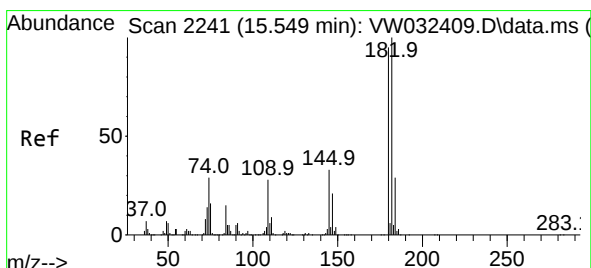
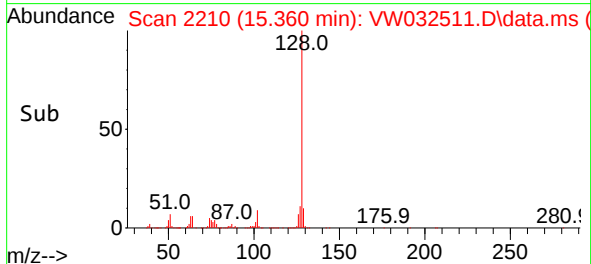
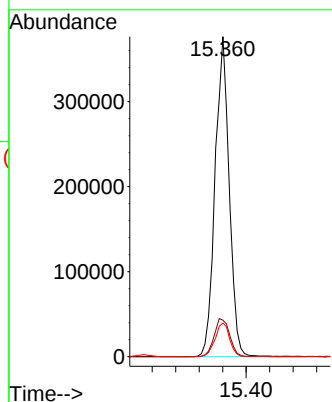
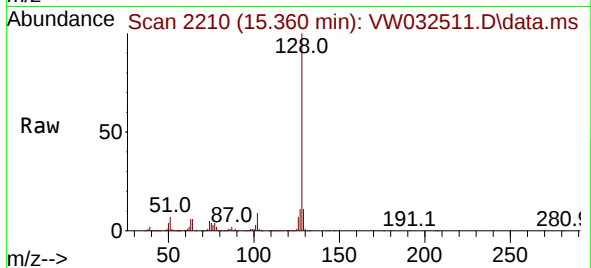
Tgt Ion:128 Resp: 626649

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 50.252 ug/l

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW032511.D

Acq: 20 Nov 2025 09:15

Tgt Ion:180 Resp: 237412

Ion Ratio Lower Upper

180 100

182 91.4 50.3 151.0

145 36.2 17.8 53.3

