

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092925\
 Data File : VW032290.D
 Acq On : 29 Sep 2025 10:46
 Operator : SY/MD
 Sample : VW0929SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 30 02:34:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 26 07:11:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	225036	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	419951	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	396829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	199844	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	174381	49.076	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	98.160%
35) Dibromofluoromethane	7.898	113	146844	48.621	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	97.240%
50) Toluene-d8	10.325	98	547373	50.289	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	100.580%
62) 4-Bromofluorobenzene	12.617	95	211722	51.568	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	103.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	35934	23.112	ug/l	94
3) Chloromethane	2.253	50	46136	20.735	ug/l	92
4) Vinyl Chloride	2.405	62	58074	22.339	ug/l	94
5) Bromomethane	2.814	94	39894	22.473	ug/l	90
6) Chloroethane	2.960	64	36805	20.893	ug/l	93
7) Trichlorofluoromethane	3.296	101	33837	17.274	ug/l	96
8) Diethyl Ether	3.716	74	37416	20.201	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.100	101	53553	21.419	ug/l	98
10) Methyl Iodide	4.308	142	73935	21.863	ug/l	99
11) Tert butyl alcohol	5.216	59	25705	104.217	ug/l	98
12) 1,1-Dichloroethene	4.076	96	56798	21.251	ug/l	96
13) Acrolein	3.930	56	38342	87.340	ug/l	94
14) Allyl chloride	4.698	41	89568	21.594	ug/l	97
15) Acrylonitrile	5.399	53	96474	101.134	ug/l	99
16) Acetone	4.161	43	104593	114.619	ug/l	97
17) Carbon Disulfide	4.423	76	138489	22.536	ug/l	100
18) Methyl Acetate	4.710	43	58076	18.505	ug/l	100
19) Methyl tert-butyl Ether	5.460	73	105620	21.319	ug/l	99
20) Methylene Chloride	4.954	84	79471	19.500	ug/l	98
21) trans-1,2-Dichloroethene	5.454	96	62775	21.781	ug/l	95
22) Diisopropyl ether	6.338	45	207535	22.517	ug/l	94
23) Vinyl Acetate	6.283	43	667299	112.541	ug/l	97
24) 1,1-Dichloroethane	6.240	63	126769	21.788	ug/l	99
25) 2-Butanone	7.191	43	135022	106.156	ug/l	95
26) 2,2-Dichloropropane	7.185	77	63987	22.317	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	76415	21.318	ug/l	97
28) Bromochloromethane	7.527	49	59681	21.496	ug/l #	100
29) Tetrahydrofuran	7.551	42	83164	100.715	ug/l	96
30) Chloroform	7.691	83	132134	21.766	ug/l	99
31) Cyclohexane	7.965	56	99613	21.712	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	87971	21.510	ug/l	97
36) 1,1-Dichloropropene	8.094	75	87432	21.473	ug/l	99
37) Ethyl Acetate	7.277	43	56626	20.969	ug/l	99
38) Carbon Tetrachloride	8.075	117	83171	21.711	ug/l	98
39) Methylcyclohexane	9.343	83	98289	20.862	ug/l	98
40) Benzene	8.331	78	274657	21.429	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	34551	22.339	ug/l	92
42) 1,2-Dichloroethane	8.411	62	90701	21.290	ug/l	100
43) Isopropyl Acetate	8.435	43	101568	21.011	ug/l	97
44) Trichloroethene	9.099	130	63086	21.058	ug/l	96
45) 1,2-Dichloropropane	9.374	63	69590	20.964	ug/l	100
46) Dibromomethane	9.465	93	41939	20.549	ug/l	97
47) Bromodichloromethane	9.648	83	97961	21.045	ug/l	93
48) Methyl methacrylate	9.441	41	46601	20.491	ug/l	98
49) 1,4-Dioxane	9.465	88	11516	421.308	ug/l #	99
51) 4-Methyl-2-Pentanone	10.215	43	295039	102.939	ug/l	97
52) Toluene	10.392	92	170779	21.498	ug/l	99
53) t-1,3-Dichloropropene	10.605	75	91672	21.495	ug/l	100
54) cis-1,3-Dichloropropene	10.075	75	106963	21.724	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	56727	20.363	ug/l	99
56) Ethyl methacrylate	10.648	69	74550	20.316	ug/l	97
57) 1,3-Dichloropropane	10.934	76	100057	20.790	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.929	63	192606	95.616	ug/l	100
59) 2-Hexanone	10.971	43	201668	103.036	ug/l	96
60) Dibromochloromethane	11.130	129	64477	21.075	ug/l	98
61) 1,2-Dibromoethane	11.233	107	54662	20.711	ug/l	98
64) Tetrachloroethene	10.861	164	52193	21.582	ug/l	98
65) Chlorobenzene	11.660	112	191009	20.897	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.727	131	60877	21.059	ug/l	98
67) Ethyl Benzene	11.727	91	315928	21.116	ug/l	99
68) m/p-Xylenes	11.837	106	244433	42.619	ug/l	99
69) o-Xylene	12.166	106	112852	20.937	ug/l	99
70) Styrene	12.178	104	207347	21.936	ug/l	99
71) Bromoform	12.349	173	34201	20.302	ug/l #	100
73) Isopropylbenzene	12.465	105	290328	20.873	ug/l	96
74) N-amyl acetate	12.270	43	92369	21.087	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.715	83	73266	20.090	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	89518	32.559	ug/l	46
77) Bromobenzene	12.745	156	71084	20.778	ug/l	89
78) n-propylbenzene	12.800	91	369686	21.159	ug/l	99
79) 2-Chlorotoluene	12.891	91	227323	21.478	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	255690	21.501	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	21861	20.653	ug/l	93
82) 4-Chlorotoluene	12.989	91	240171	21.472	ug/l	95
83) tert-Butylbenzene	13.202	119	208923	21.007	ug/l	96
84) 1,2,4-Trimethylbenzene	13.245	105	257248	21.306	ug/l	99
85) sec-Butylbenzene	13.379	105	317730	21.274	ug/l	99
86) p-Isopropyltoluene	13.495	119	268457	21.704	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	143653	21.228	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	146708	21.221	ug/l	94
89) n-Butylbenzene	13.818	91	257774	20.767	ug/l	98
90) Hexachloroethane	14.086	117	48662	21.109	ug/l	100
91) 1,2-Dichlorobenzene	13.861	146	130834	20.667	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.477	75	12474	19.997	ug/l	94
93) 1,2,4-Trichlorobenzene	15.123	180	72470	19.296	ug/l	97
94) Hexachlorobutadiene	15.226	225	36536	21.182	ug/l	93
95) Naphthalene	15.360	128	176140	19.541	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	71468	20.466	ug/l	99

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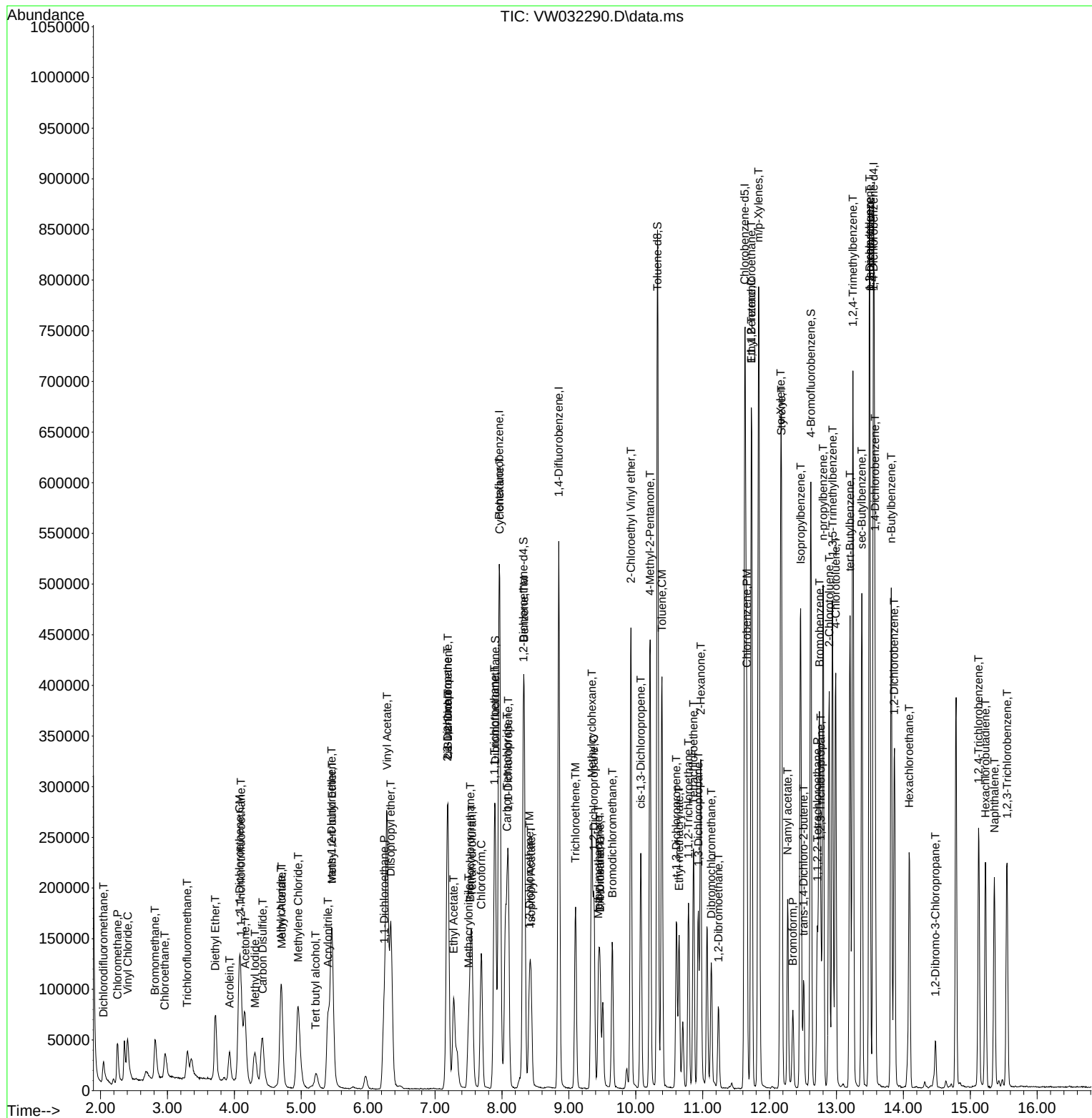
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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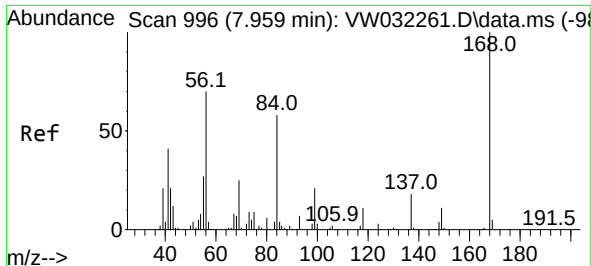
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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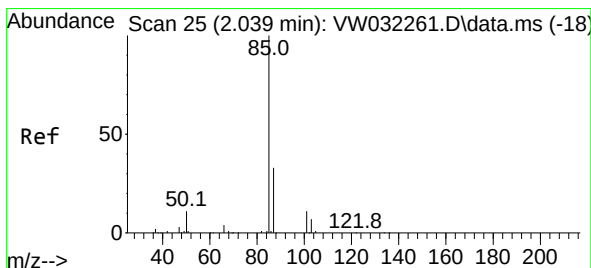
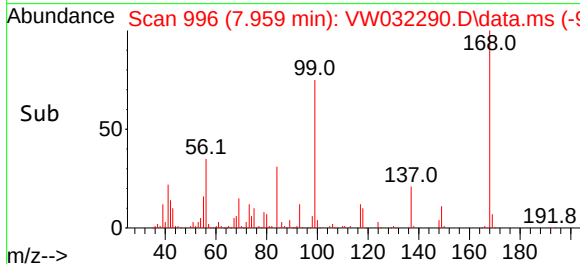
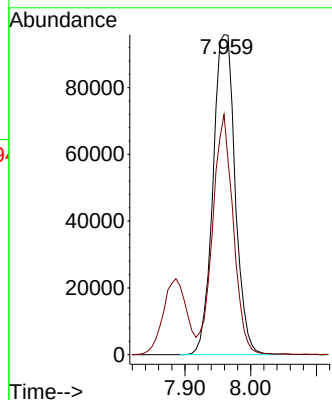
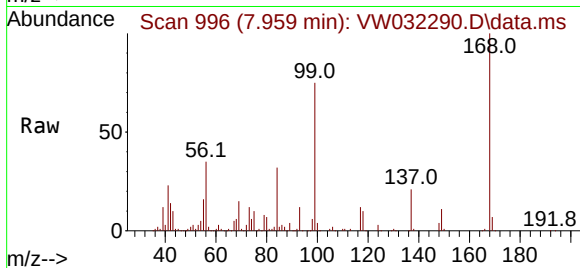




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
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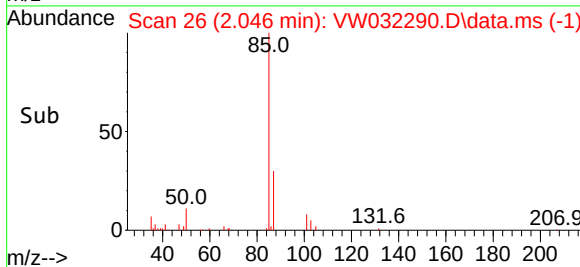
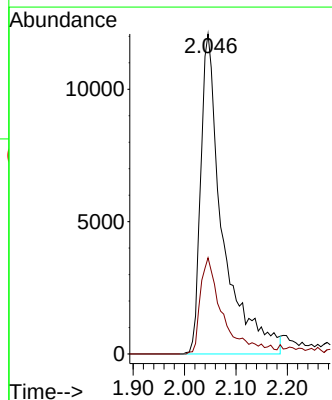
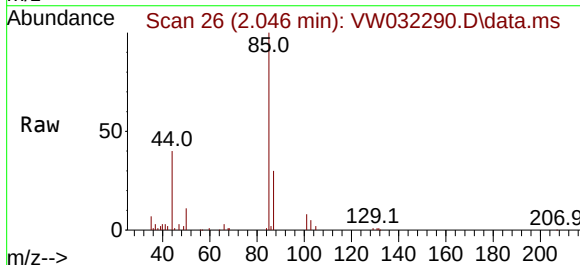
Instrument :
MSVOA_W
ClientSampleId :

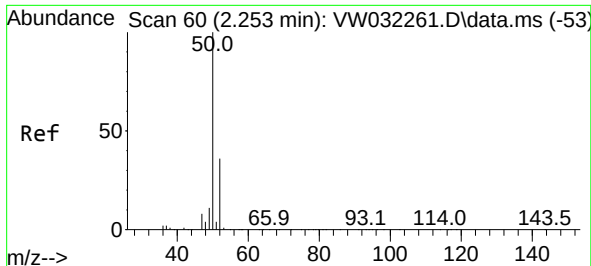
Tgt Ion:168 Resp: 225036
Ion Ratio Lower Upper
168 100
99 74.8 55.0 82.4



#2
Dichlorodifluoromethane
Concen: 23.112 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW032290.D
Acq: 29 Sep 2025 10:46

Tgt Ion: 85 Resp: 35934
Ion Ratio Lower Upper
85 100
87 30.1 16.7 50.1

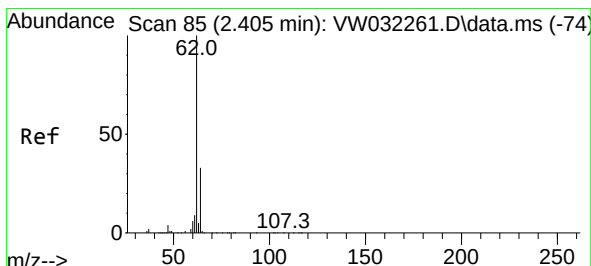
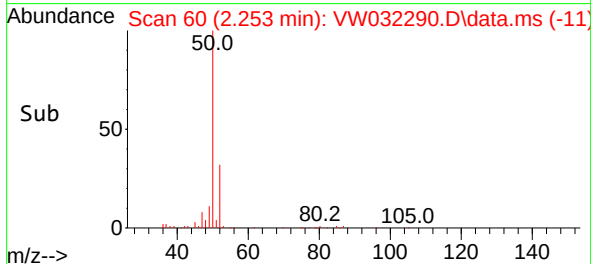
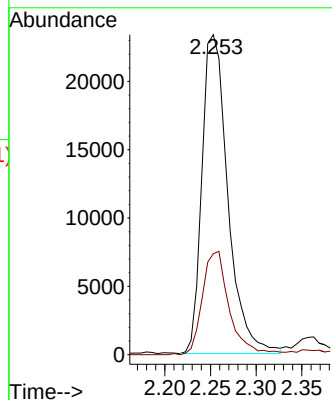
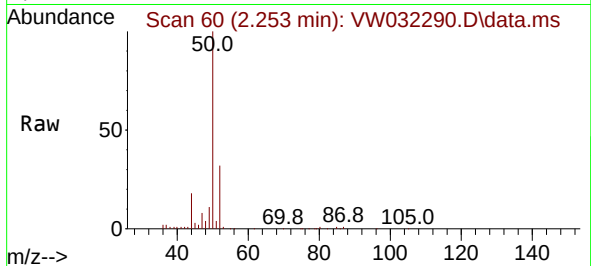




#3
Chloromethane
Concen: 20.735 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW032290.D
Acq: 29 Sep 2025 10:46

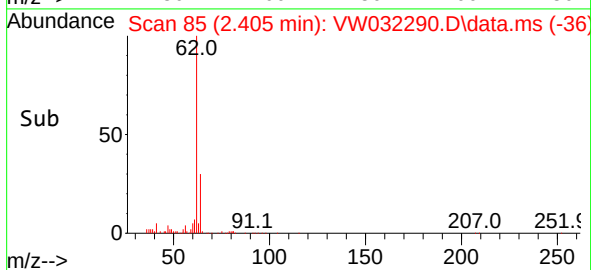
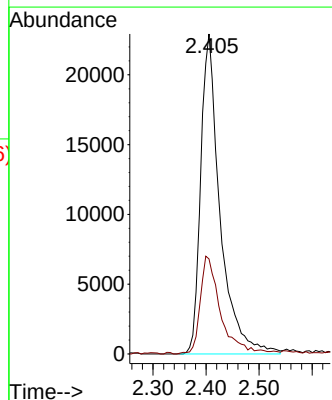
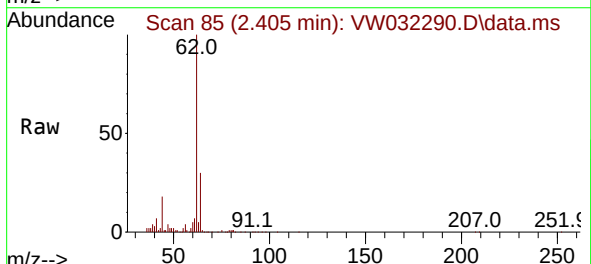
Instrument :
MSVOA_W
ClientSampleId :

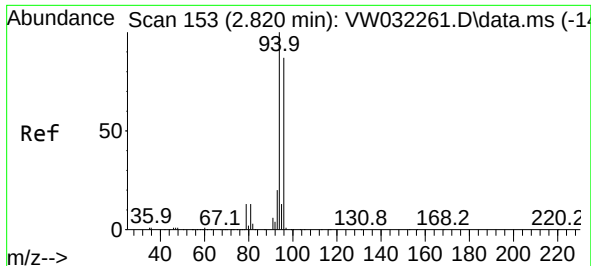
Tgt Ion: 50 Resp: 46136
Ion Ratio Lower Upper
50 100
52 31.6 28.9 43.3



#4
Vinyl Chloride
Concen: 22.339 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032290.D
Acq: 29 Sep 2025 10:46

Tgt Ion: 62 Resp: 58074
Ion Ratio Lower Upper
62 100
64 29.5 26.2 39.4

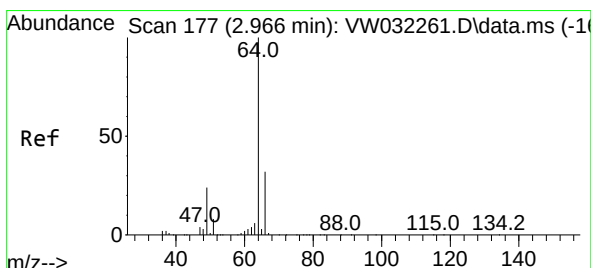
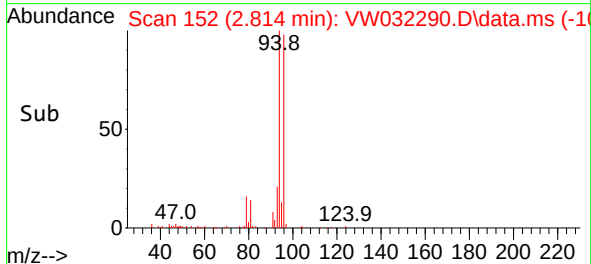
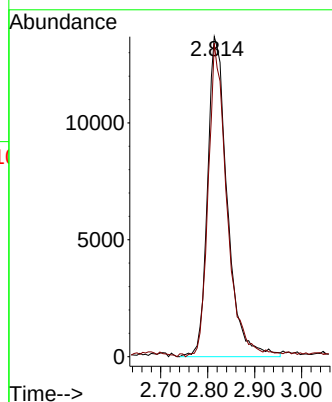
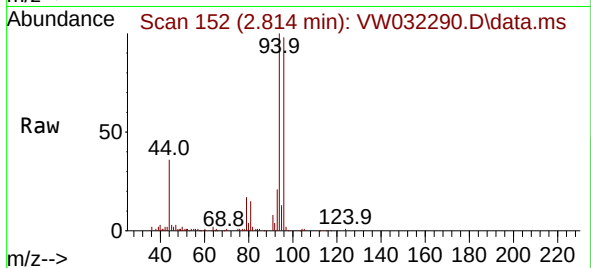




#5
Bromomethane
Concen: 22.473 ug/l
RT: 2.814 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032290.D
Acq: 29 Sep 2025 10:46

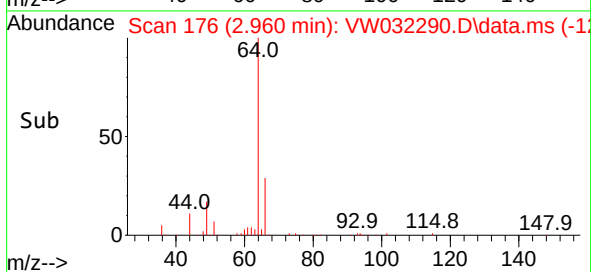
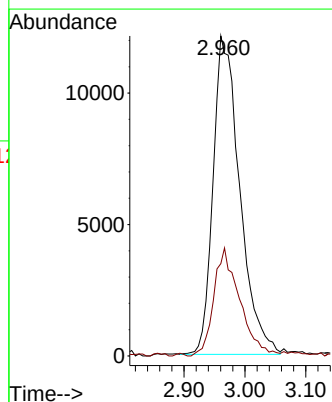
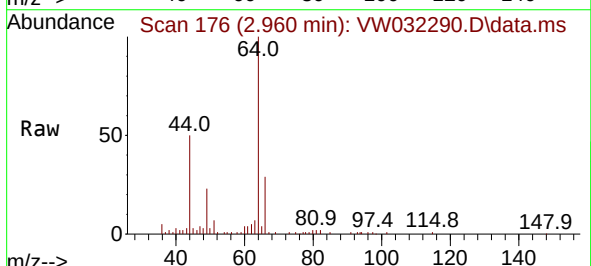
Instrument :
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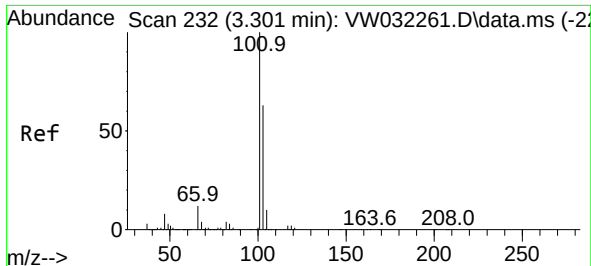
Tgt Ion: 94 Resp: 39894
Ion Ratio Lower Upper
94 100
96 97.0 70.0 105.0



#6
Chloroethane
Concen: 20.893 ug/l
RT: 2.960 min Scan# 176
Delta R.T. -0.006 min
Lab File: VW032290.D
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Tgt Ion: 64 Resp: 36805
Ion Ratio Lower Upper
64 100
66 28.2 25.5 38.3

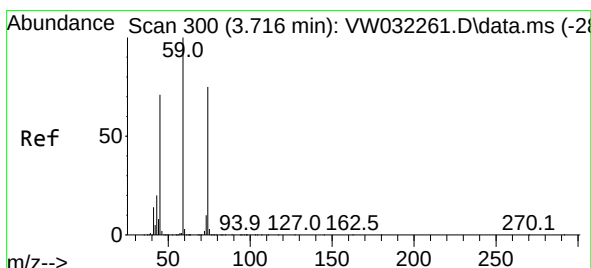
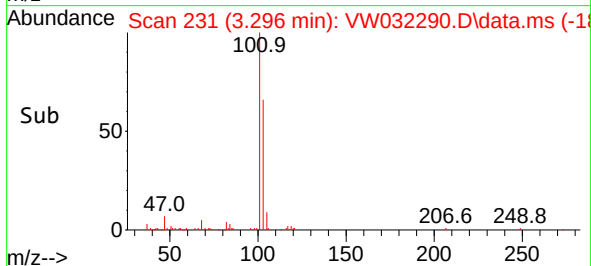
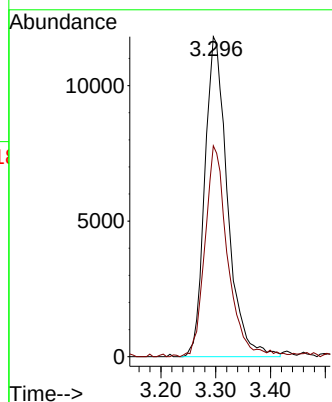
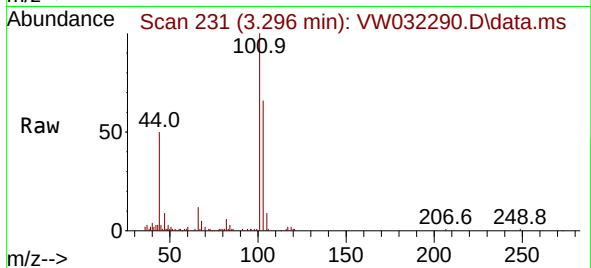




#7
 Trichlorofluoromethane
 Concen: 17.274 ug/l
 RT: 3.296 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW032290.D
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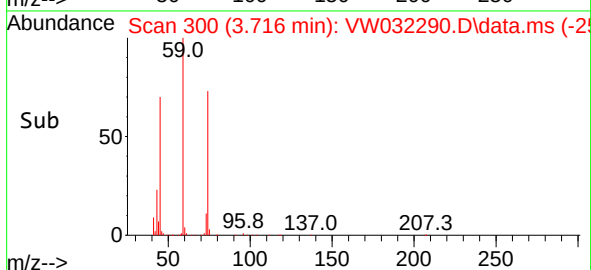
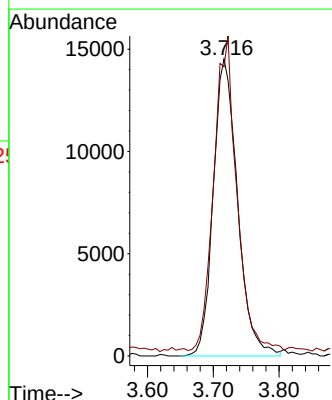
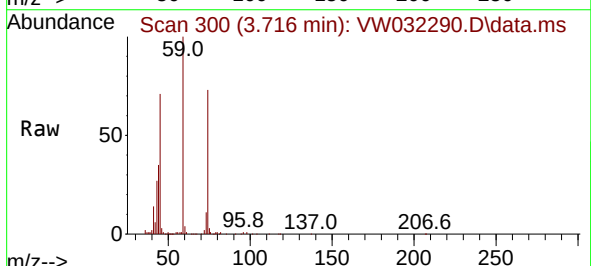
Instrument :
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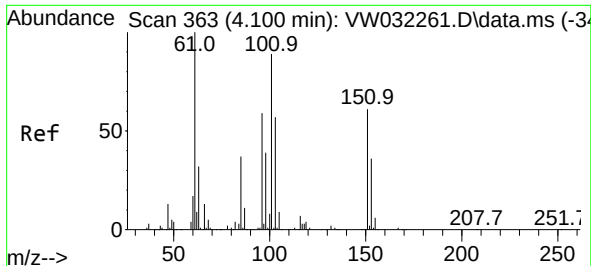
Tgt Ion:101 Resp: 33837
 Ion Ratio Lower Upper
 101 100
 103 65.9 50.3 75.5



#8
 Diethyl Ether
 Concen: 20.201 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 37416
 Ion Ratio Lower Upper
 74 100
 45 99.6 49.0 147.2

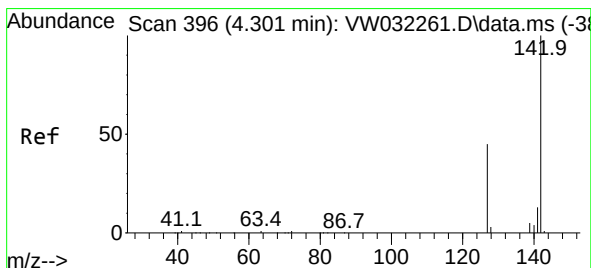
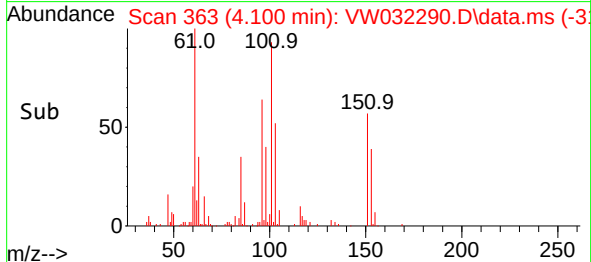
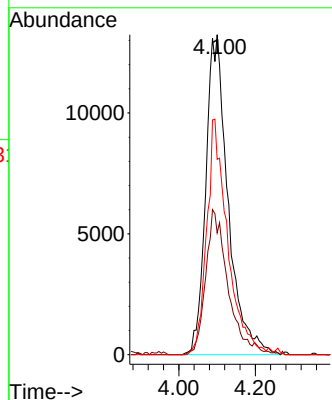
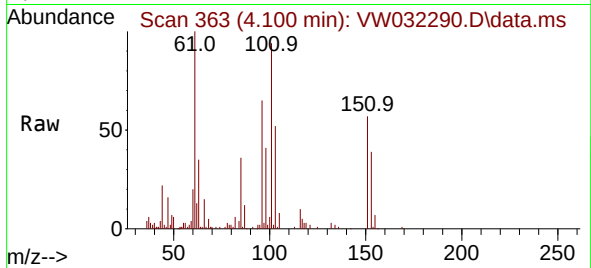




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.419 ug/l
 RT: 4.100 min Scan# 363
 Delta R.T. 0.000 min
 Lab File: VW032290.D
 Acq: 29 Sep 2025 10:46

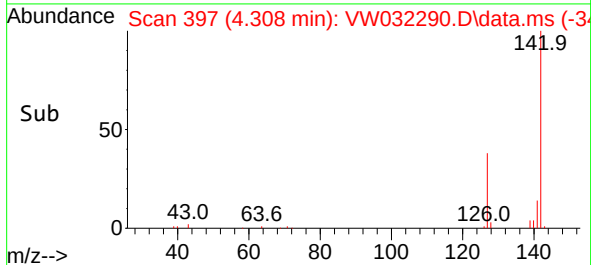
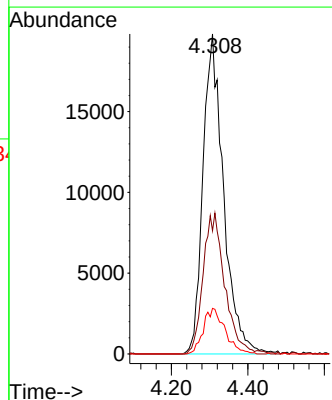
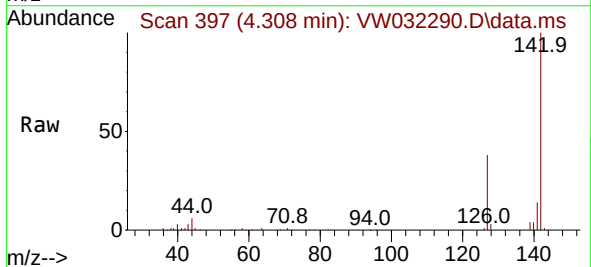
Instrument :
 MSVOA_W
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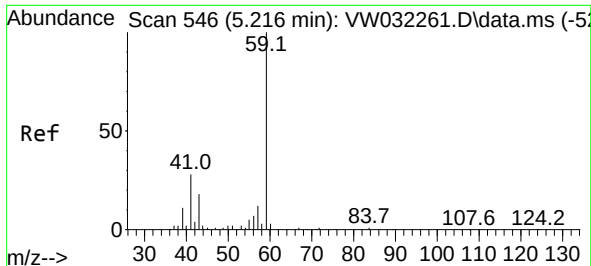
Tgt Ion:101 Resp: 53553
 Ion Ratio Lower Upper
 101 100
 85 44.2 33.7 50.5
 151 68.7 55.7 83.5



#10
 Methyl Iodide
 Concen: 21.863 ug/l
 RT: 4.308 min Scan# 397
 Delta R.T. 0.006 min
 Lab File: VW032290.D
 Acq: 29 Sep 2025 10:46

Tgt Ion:142 Resp: 73935
 Ion Ratio Lower Upper
 142 100
 127 46.6 36.9 55.3
 141 15.0 12.0 18.0

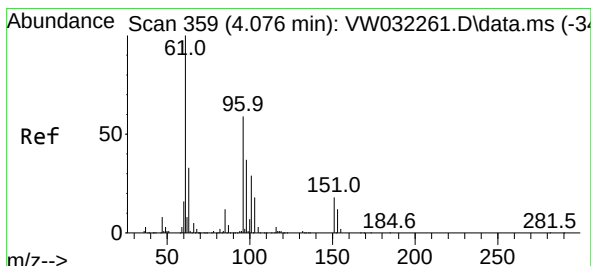
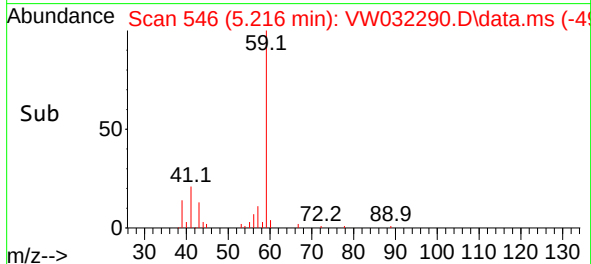
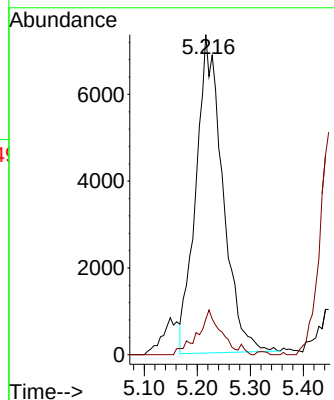
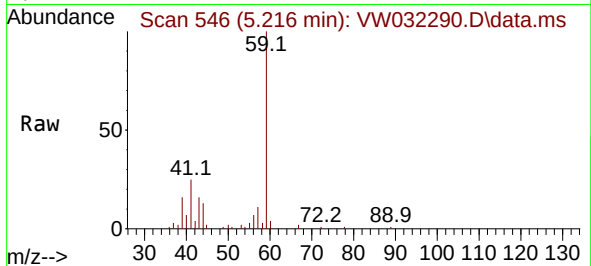




#11
Tert butyl alcohol
Concen: 104.217 ug/l
RT: 5.216 min Scan# 546
Delta R.T. 0.000 min
Lab File: VW032290.D
Acq: 29 Sep 2025 10:46

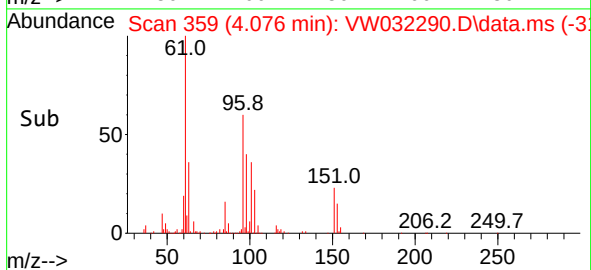
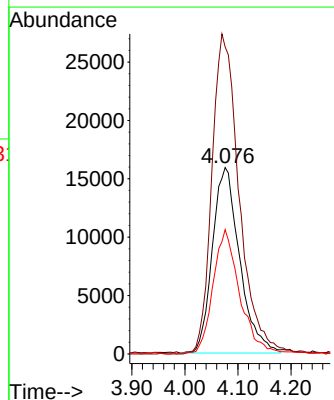
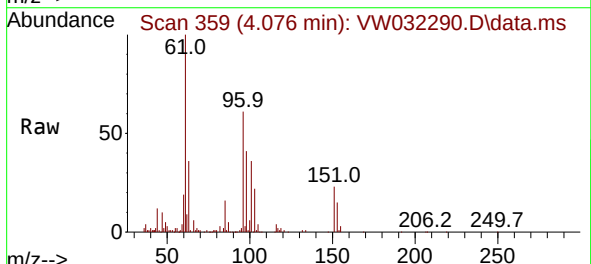
Instrument :
MSVOA_W
ClientSampleId :

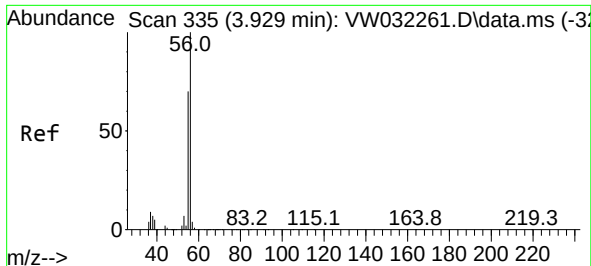
Tgt Ion: 59 Resp: 25705
Ion Ratio Lower Upper
59 100
57 12.0 8.9 13.3



#12
1,1-Dichloroethene
Concen: 21.251 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW032290.D
Acq: 29 Sep 2025 10:46

Tgt Ion: 96 Resp: 56798
Ion Ratio Lower Upper
96 100
61 165.6 136.3 204.5
98 66.7 50.7 76.1

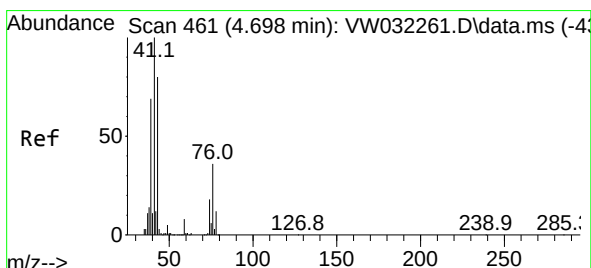
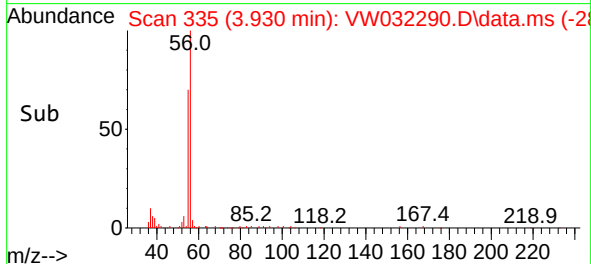
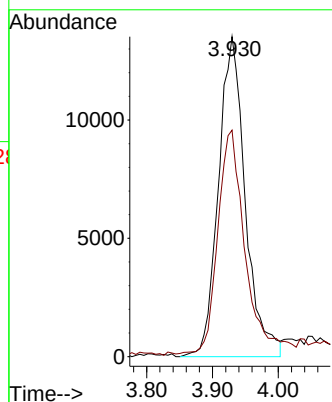
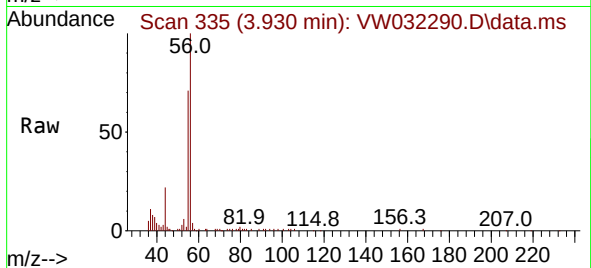




#13
Acrolein
Concen: 87.340 ug/l
RT: 3.930 min Scan# 31
Delta R.T. 0.000 min
Lab File: VW032290.D
Acq: 29 Sep 2025 10:46

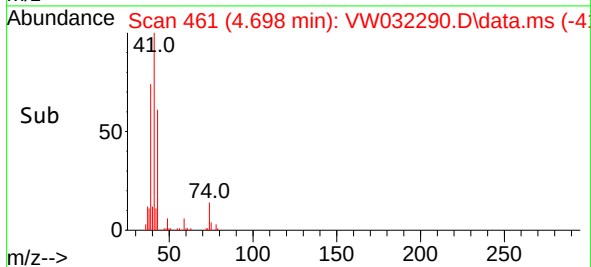
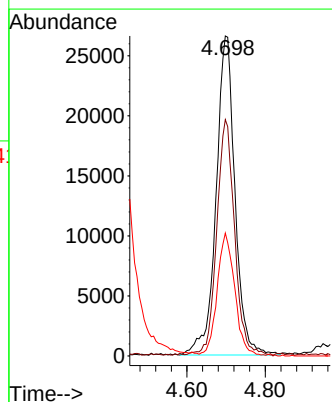
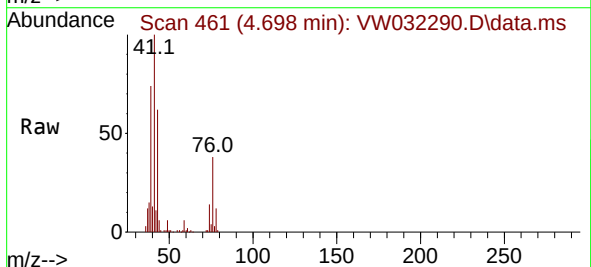
Instrument :
MSVOA_W
ClientSampleId :

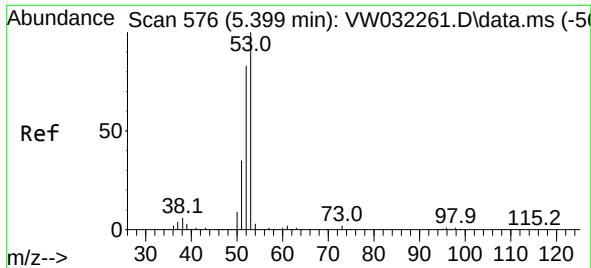
Tgt Ion: 56 Resp: 38342
Ion Ratio Lower Upper
56 100
55 71.2 53.2 79.8



#14
Allyl chloride
Concen: 21.594 ug/l
RT: 4.698 min Scan# 461
Delta R.T. 0.000 min
Lab File: VW032290.D
Acq: 29 Sep 2025 10:46

Tgt Ion: 41 Resp: 89568
Ion Ratio Lower Upper
41 100
39 70.4 54.3 81.5
76 35.1 28.7 43.1

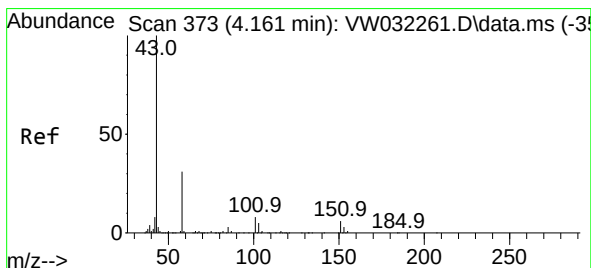
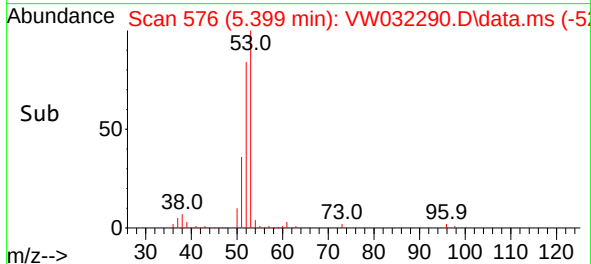
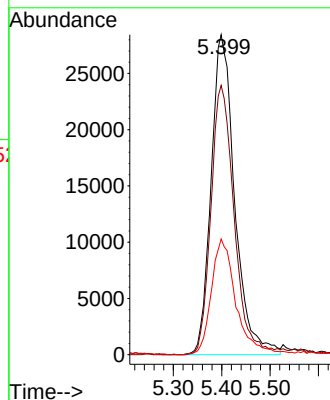
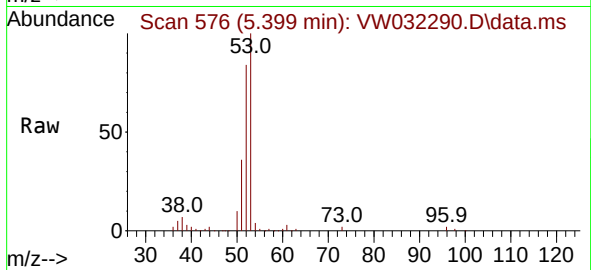




#15
Acrylonitrile
Concen: 101.134 ug/l
RT: 5.399 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032290.D
Acq: 29 Sep 2025 10:46

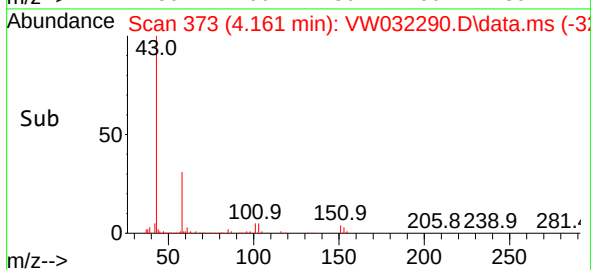
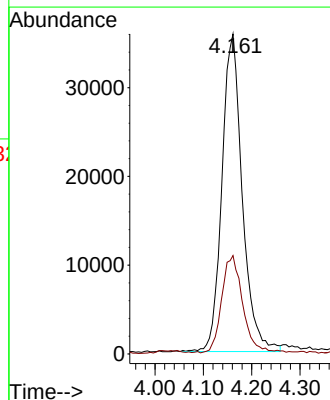
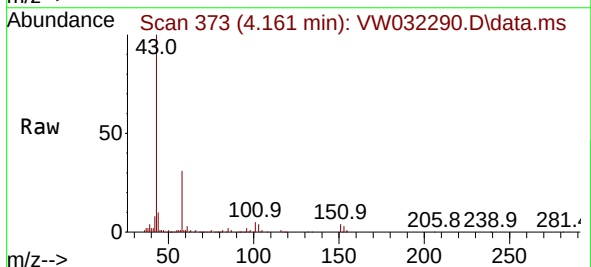
Instrument :
MSVOA_W
ClientSampleId :

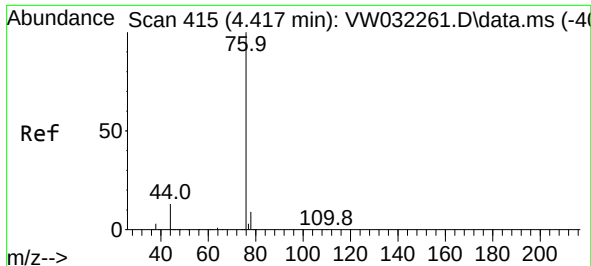
Tgt Ion: 53 Resp: 96474
Ion Ratio Lower Upper
53 100
52 83.4 66.3 99.5
51 37.8 29.6 44.4



#16
Acetone
Concen: 114.619 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032290.D
Acq: 29 Sep 2025 10:46

Tgt Ion: 43 Resp: 104593
Ion Ratio Lower Upper
43 100
58 30.2 25.4 38.0

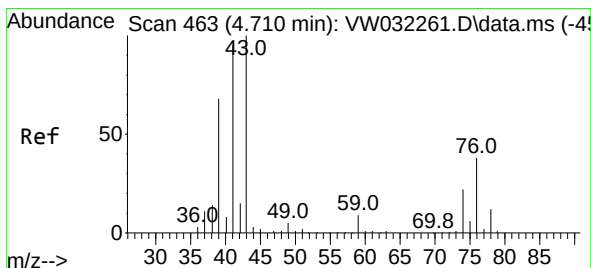
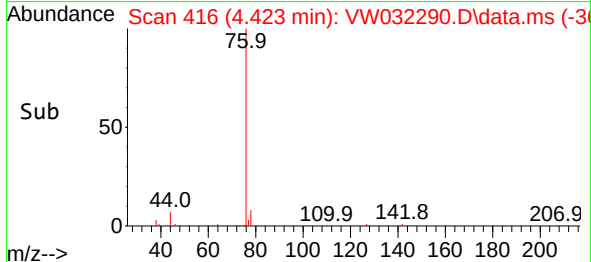
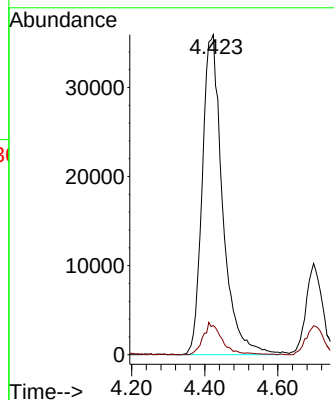
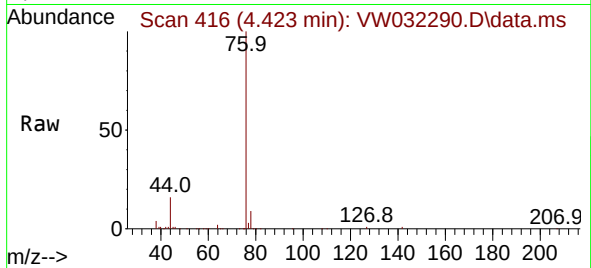




#17
Carbon Disulfide
Concen: 22.536 ug/l
RT: 4.423 min Scan# 415
Delta R.T. 0.006 min
Lab File: VW032290.D
Acq: 29 Sep 2025 10:46

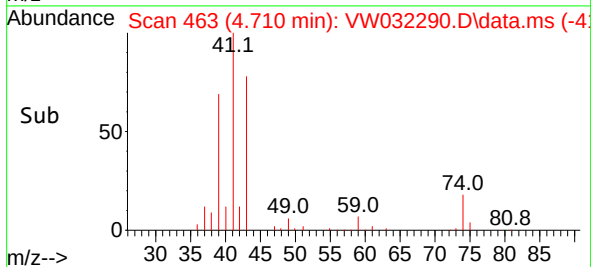
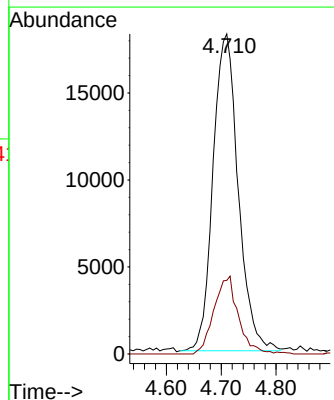
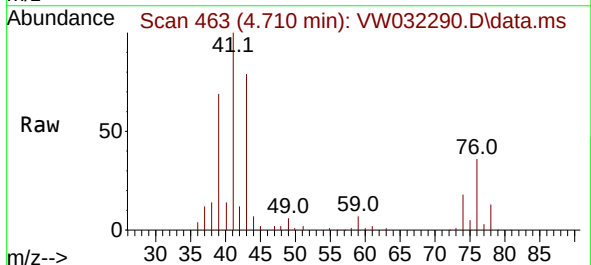
Instrument :
MSVOA_W
ClientSampleId :

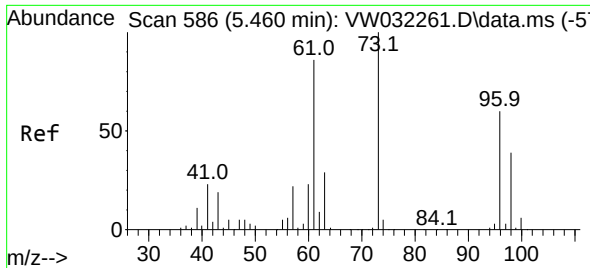
Tgt Ion: 76 Resp: 138489
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 18.505 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032290.D
Acq: 29 Sep 2025 10:46

Tgt Ion: 43 Resp: 58076
Ion Ratio Lower Upper
43 100
74 23.7 18.8 28.2

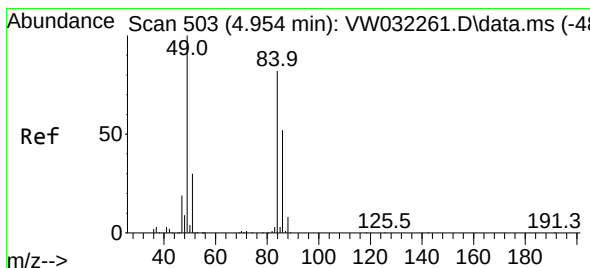
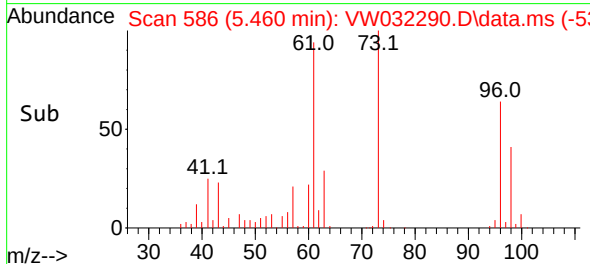
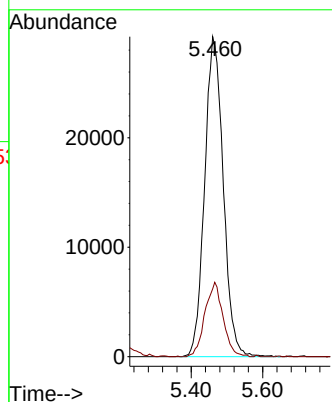
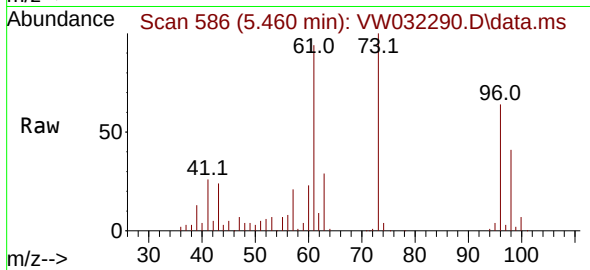




#19
Methyl tert-butyl Ether
Concen: 21.319 ug/l
RT: 5.460 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032290.D
Acq: 29 Sep 2025 10:46

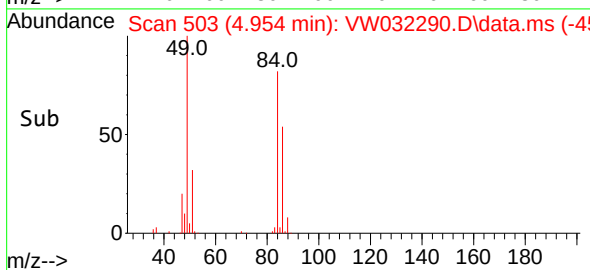
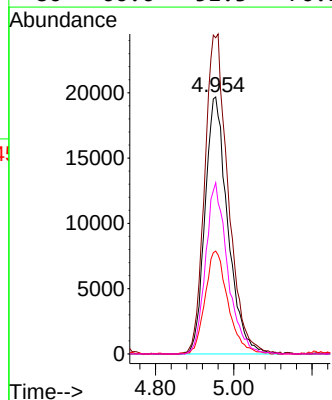
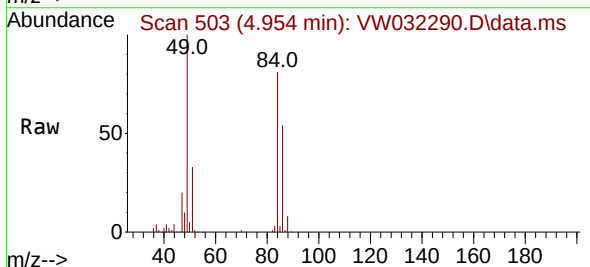
Instrument :
MSVOA_W
ClientSampleId :

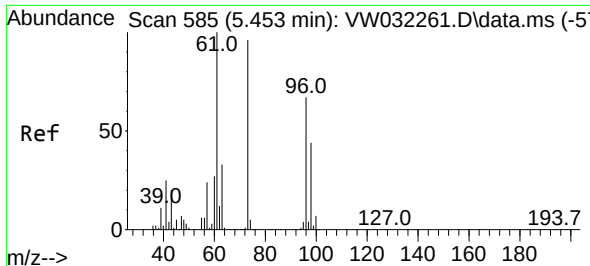
Tgt Ion: 73 Resp: 105620
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9



#20
Methylene Chloride
Concen: 19.500 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.000 min
Lab File: VW032290.D
Acq: 29 Sep 2025 10:46

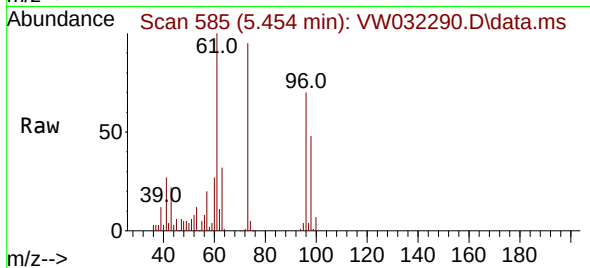
Tgt Ion: 84 Resp: 79471
Ion Ratio Lower Upper
84 100
49 123.1 97.8 146.6
51 40.0 29.9 44.9
86 66.6 51.3 76.9



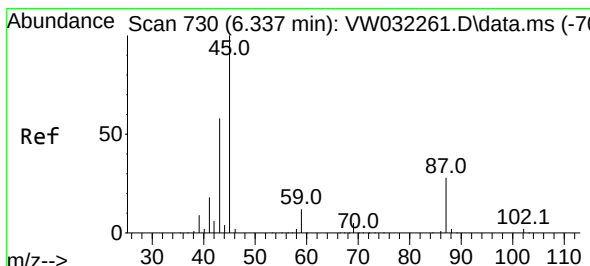
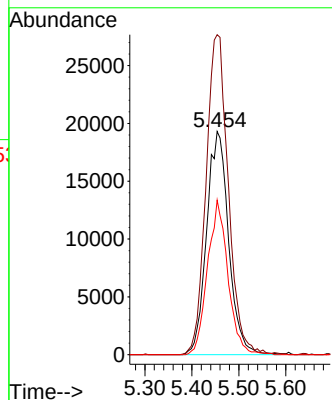
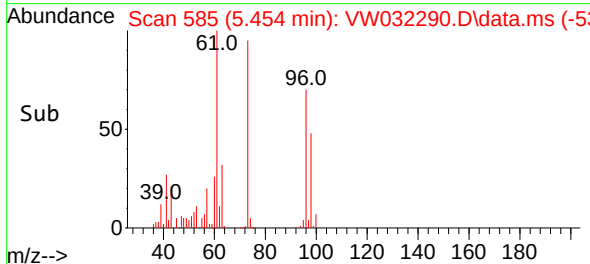


#21
trans-1,2-Dichloroethene
Concen: 21.781 ug/l
RT: 5.454 min Scan# 585
Delta R.T. 0.000 min
Lab File: VW032290.D
Acq: 29 Sep 2025 10:46

Instrument :
MSVOA_W
ClientSampleId :

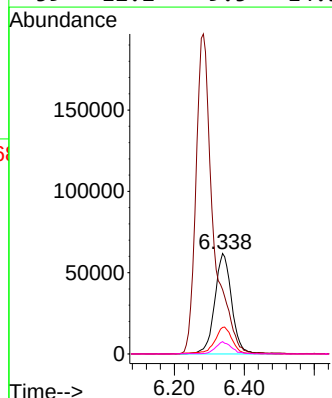
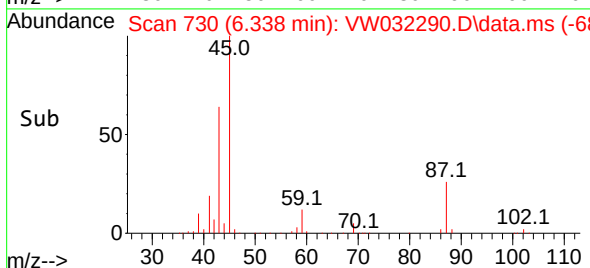
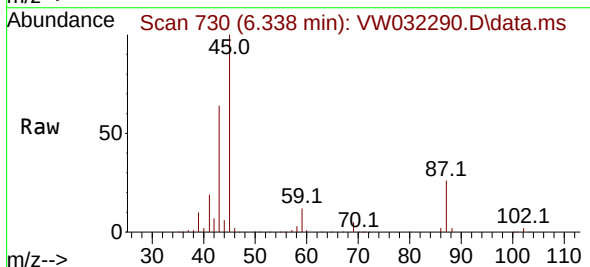


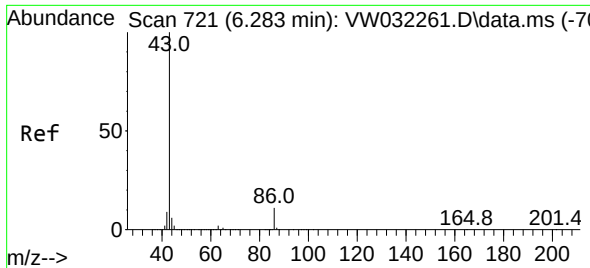
Tgt Ion: 96 Resp: 62775
Ion Ratio Lower Upper
96 100
61 143.3 119.2 178.8
98 69.2 52.5 78.7



#22
Diisopropyl ether
Concen: 22.517 ug/l
RT: 6.338 min Scan# 730
Delta R.T. 0.000 min
Lab File: VW032290.D
Acq: 29 Sep 2025 10:46

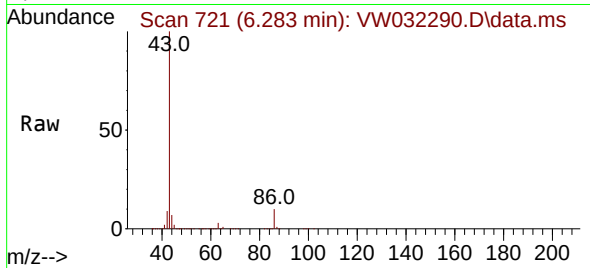
Tgt Ion: 45 Resp: 207535
Ion Ratio Lower Upper
45 100
43 63.8 46.2 69.4
87 26.4 22.2 33.2
59 12.2 9.5 14.3



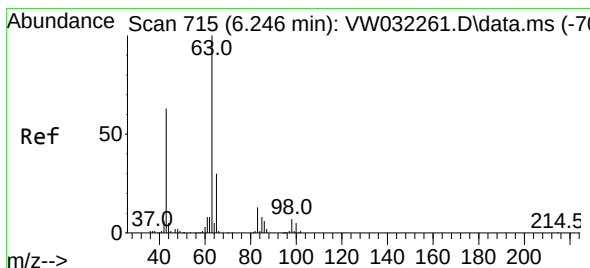
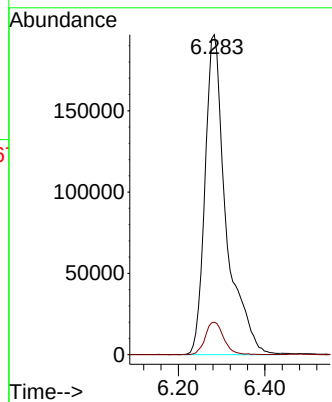
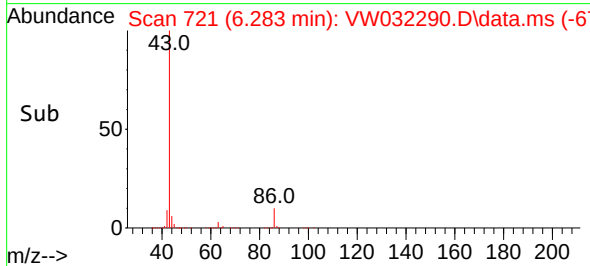


#23
 Vinyl Acetate
 Concen: 112.541 ug/l
 RT: 6.283 min Scan# 714
 Delta R.T. 0.000 min
 Lab File: VW032290.D
 Acq: 29 Sep 2025 10:46

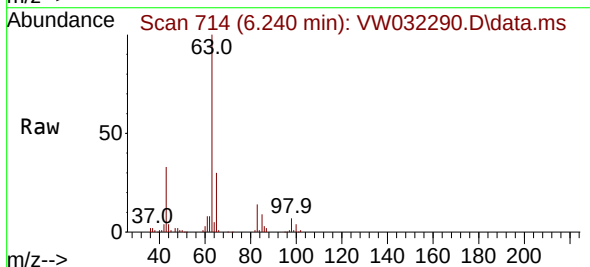
Instrument :
 MSVOA_W
 ClientSampleId :



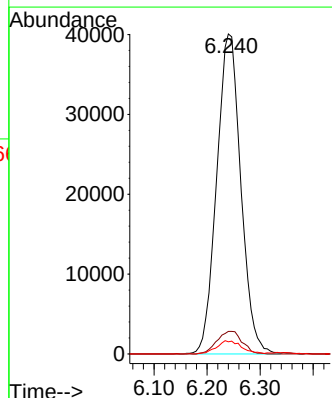
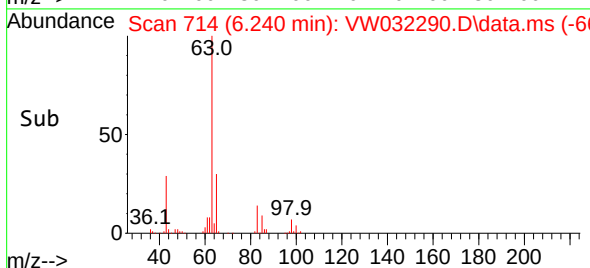
Tgt Ion: 43 Resp: 667299
 Ion Ratio Lower Upper
 43 100
 86 10.1 9.0 13.6

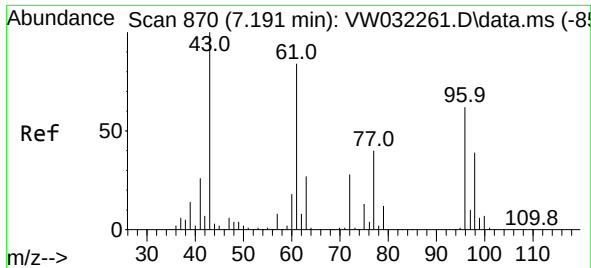


#24
 1,1-Dichloroethane
 Concen: 21.788 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032290.D
 Acq: 29 Sep 2025 10:46



Tgt Ion: 63 Resp: 126769
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.9
 100 3.8 2.4 7.1

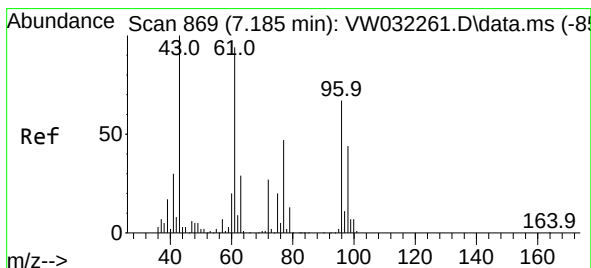
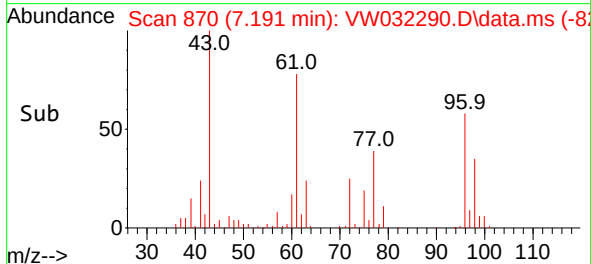
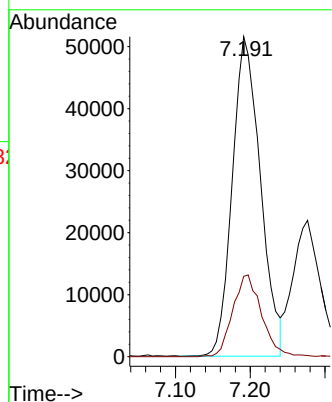
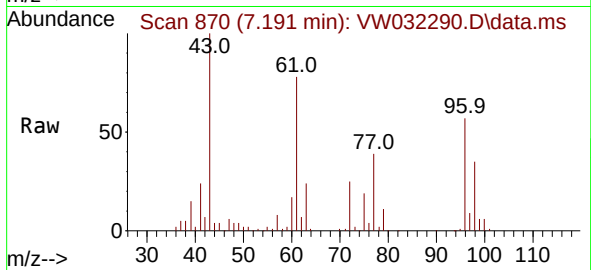




#25
2-Butanone
Concen: 106.156 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW032290.D
Acq: 29 Sep 2025 10:46

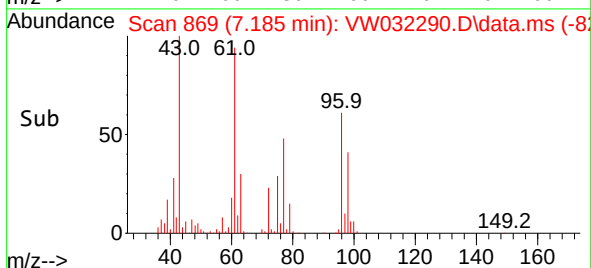
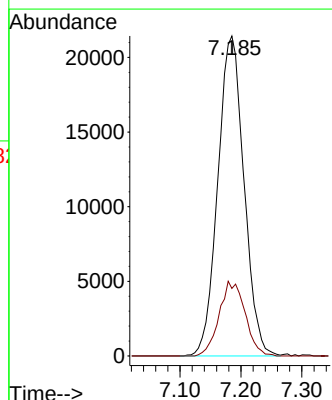
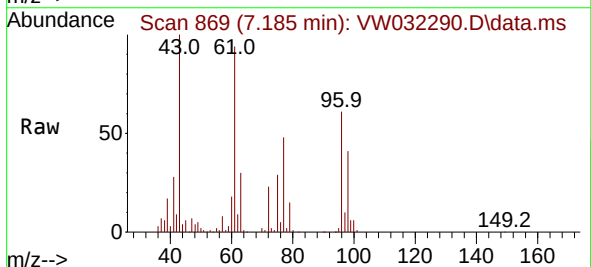
Instrument :
MSVOA_W
ClientSampleId :

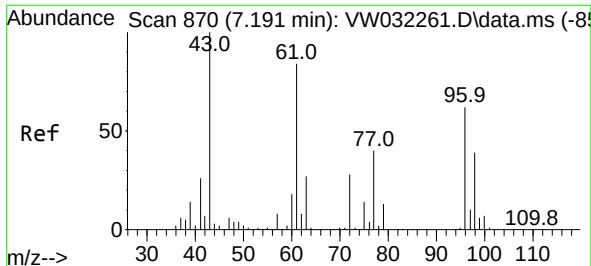
Tgt Ion: 43 Resp: 135022
Ion Ratio Lower Upper
43 100
72 25.1 22.3 33.5



#26
2,2-Dichloropropane
Concen: 22.317 ug/l
RT: 7.185 min Scan# 869
Delta R.T. 0.000 min
Lab File: VW032290.D
Acq: 29 Sep 2025 10:46

Tgt Ion: 77 Resp: 63987
Ion Ratio Lower Upper
77 100
97 23.1 11.7 35.0

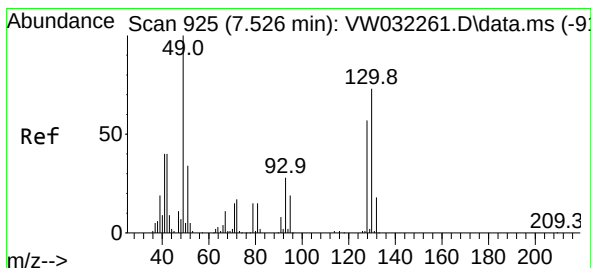
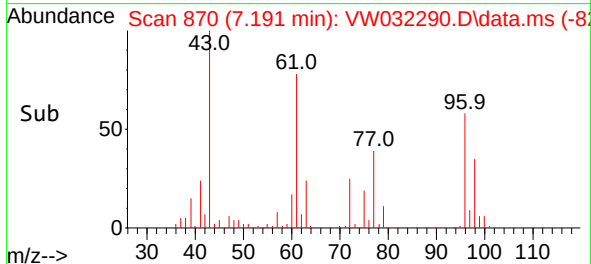
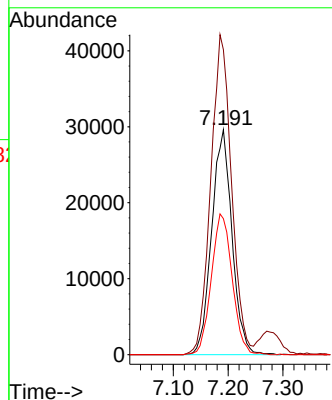
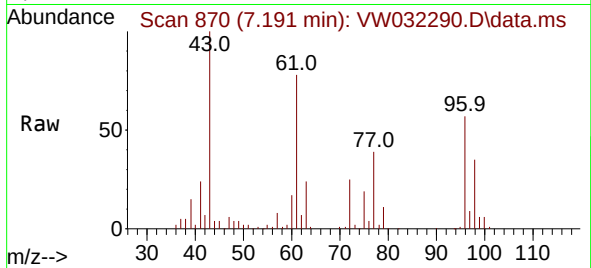




#27
 cis-1,2-Dichloroethene
 Concen: 21.318 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. 0.000 min
 Lab File: VW032290.D
 Acq: 29 Sep 2025 10:46

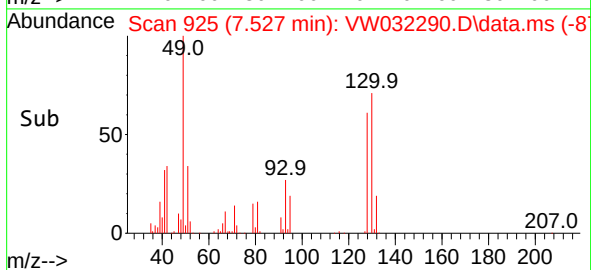
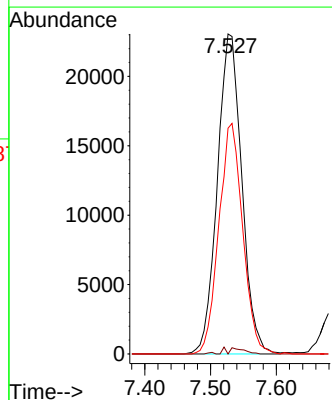
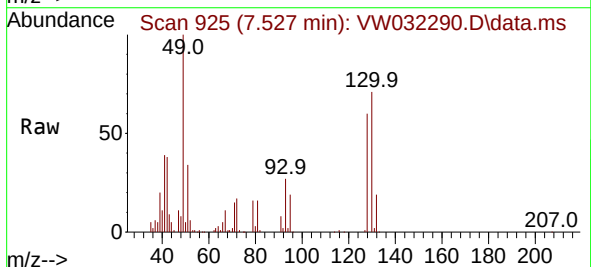
Instrument :
 MSVOA_W
 ClientSampleId :

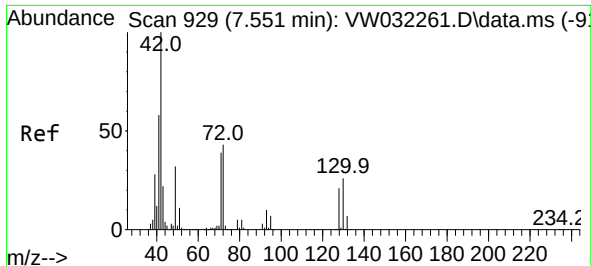
Tgt Ion: 96 Resp: 76415
 Ion Ratio Lower Upper
 96 100
 61 145.0 0.0 281.8
 98 64.2 0.0 130.8



#28
 Bromochloromethane
 Concen: 21.496 ug/l
 RT: 7.527 min Scan# 925
 Delta R.T. 0.000 min
 Lab File: VW032290.D
 Acq: 29 Sep 2025 10:46

Tgt Ion: 49 Resp: 59681
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 2.2
 130 70.3 0.0 0.0#





#29

Tetrahydrofuran

Concen: 100.715 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW032290.D

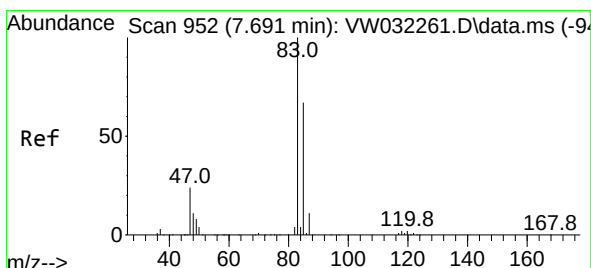
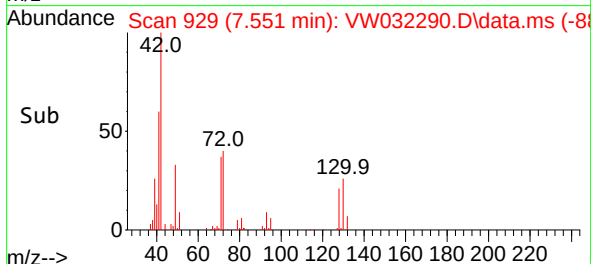
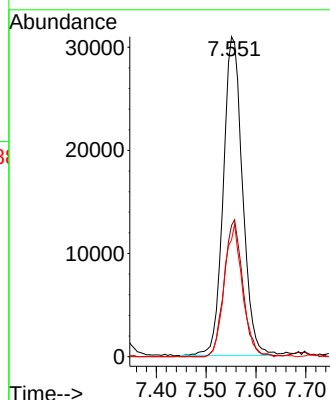
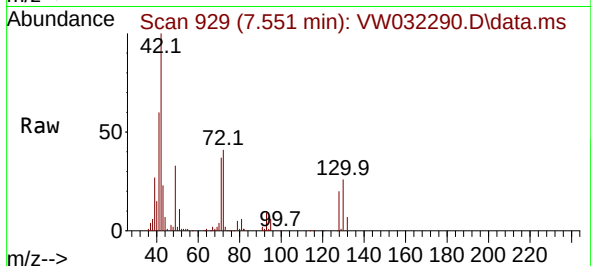
Acq: 29 Sep 2025 10:46

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 42	Resp: 83164
Ion Ratio	Lower Upper
42	100
72	41.5 35.1 52.7
71	39.2 33.3 49.9



#30

Chloroform

Concen: 21.766 ug/l

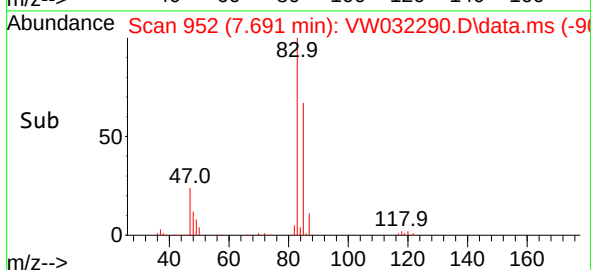
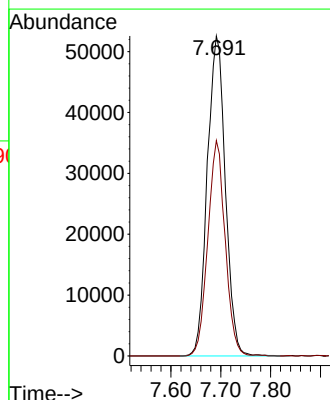
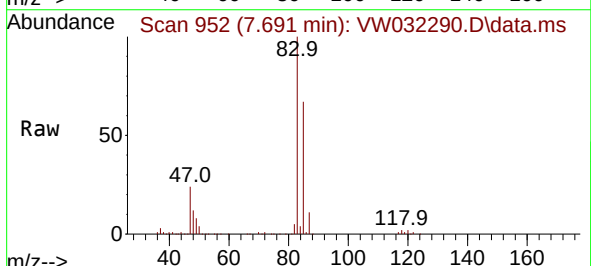
RT: 7.691 min Scan# 952

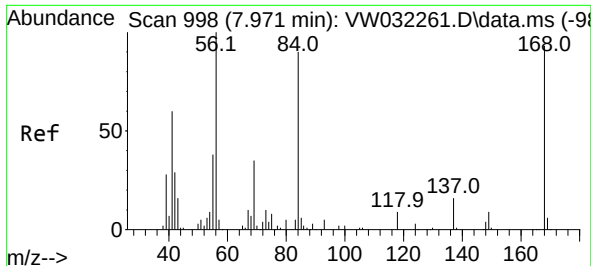
Delta R.T. 0.000 min

Lab File: VW032290.D

Acq: 29 Sep 2025 10:46

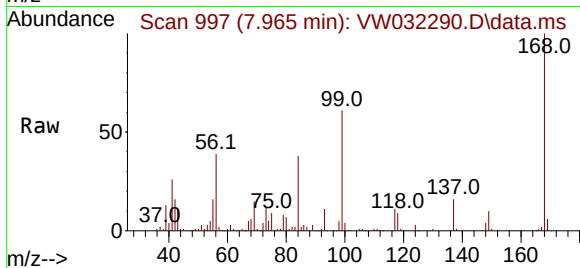
Tgt Ion: 83	Resp: 132134
Ion Ratio	Lower Upper
83	100
85	67.3 53.3 79.9



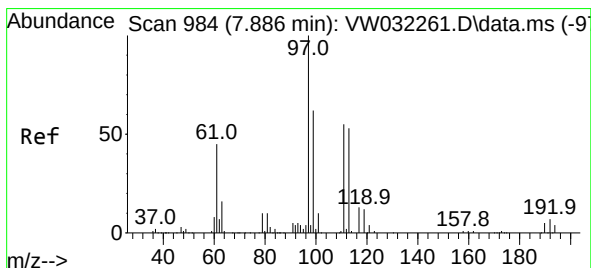
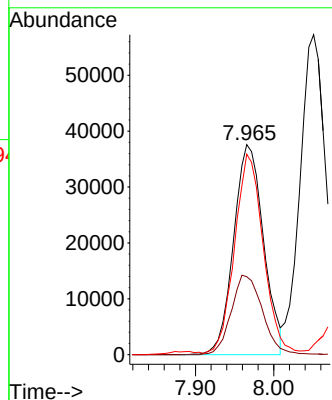
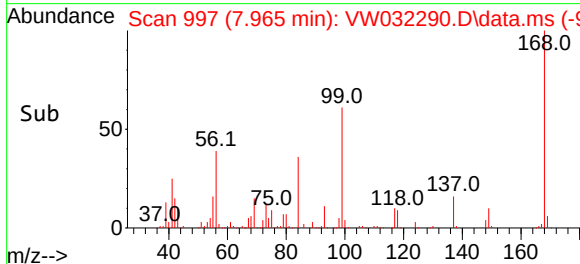


#31
Cyclohexane
Concen: 21.712 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW032290.D
Acq: 29 Sep 2025 10:46

Instrument :
MSVOA_W
ClientSampleId :

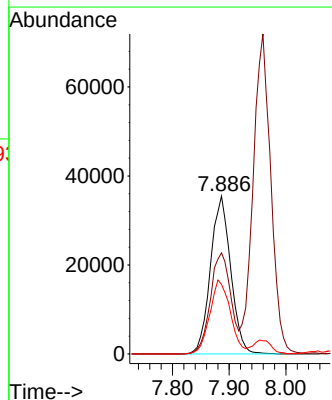
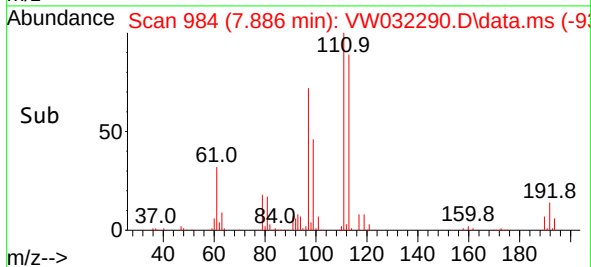
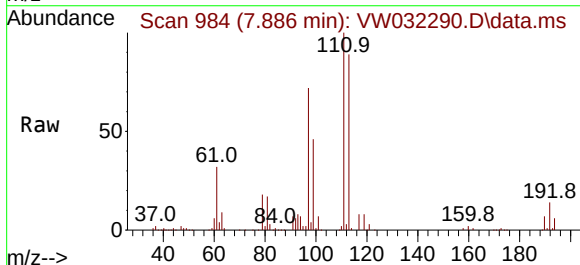


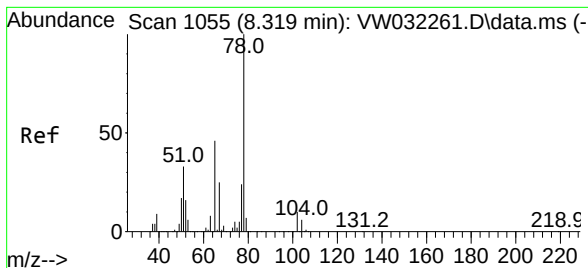
Tgt Ion: 56 Resp: 99613
Ion Ratio Lower Upper
56 100
69 37.1 28.2 42.2
84 94.2 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 21.510 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW032290.D
Acq: 29 Sep 2025 10:46

Tgt Ion: 97 Resp: 87971
Ion Ratio Lower Upper
97 100
99 64.7 50.6 76.0
61 47.7 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 49.076 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VW032290.D

Acq: 29 Sep 2025 10:46

Instrument :

MSVOA_W

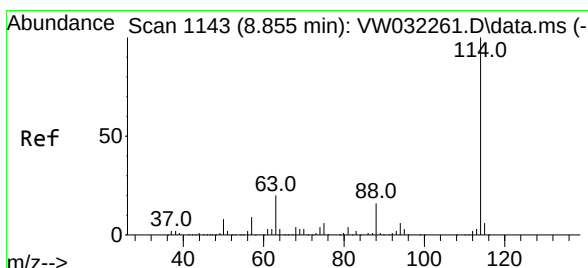
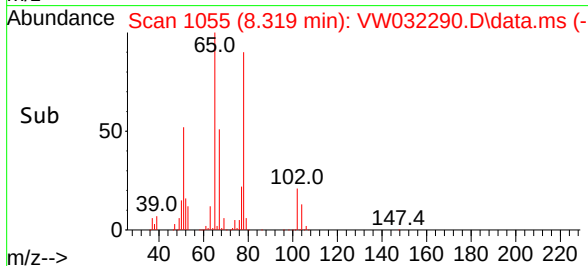
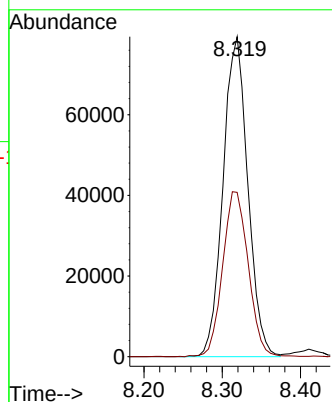
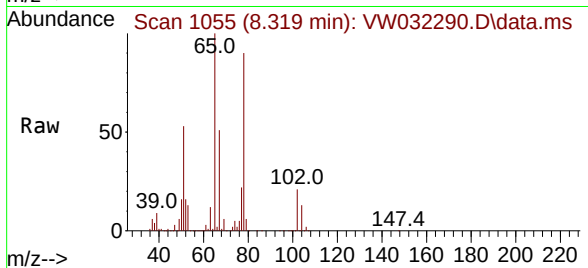
ClientSampleId :

Tgt Ion: 65 Resp: 174381

Ion Ratio Lower Upper

65 100

67 53.4 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1142

Delta R.T. -0.006 min

Lab File: VW032290.D

Acq: 29 Sep 2025 10:46

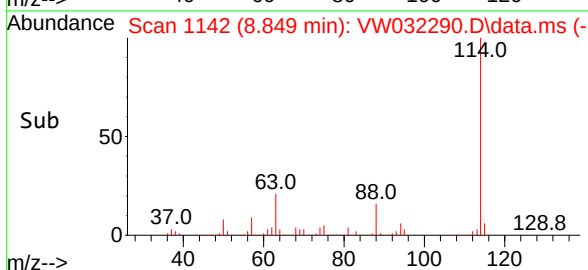
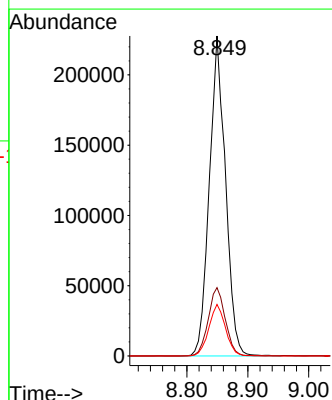
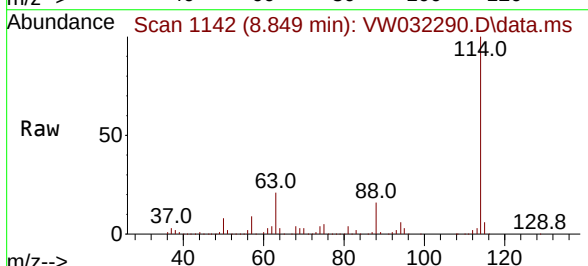
Tgt Ion: 114 Resp: 419951

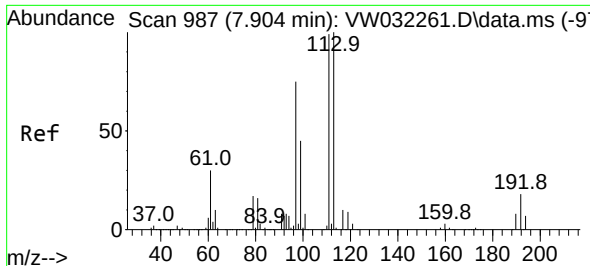
Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.2

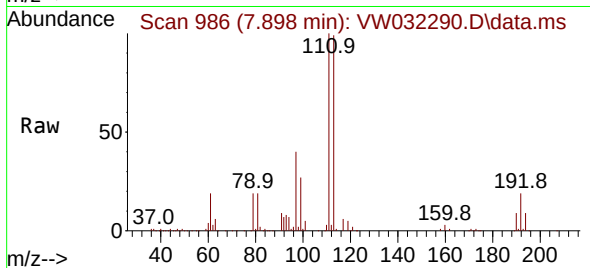
88 16.1 0.0 32.0



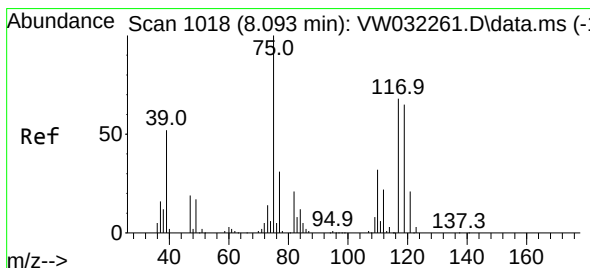
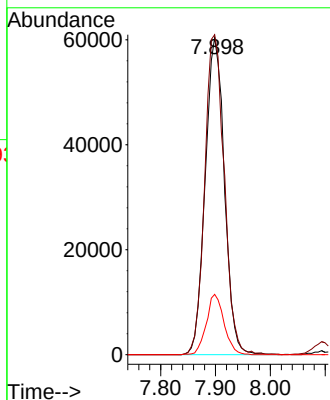
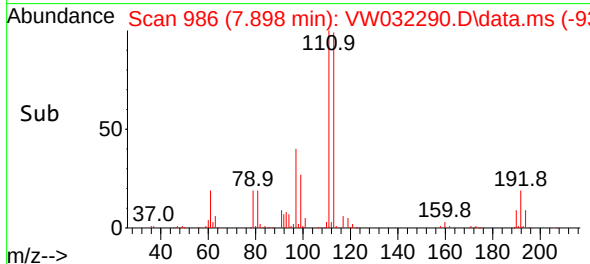


#35
 Dibromofluoromethane
 Concen: 48.621 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW032290.D
 Acq: 29 Sep 2025 10:46

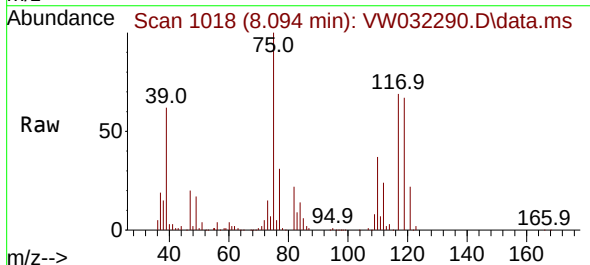
Instrument :
 MSVOA_W
 ClientSampleId :



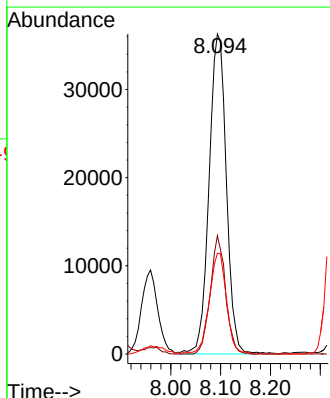
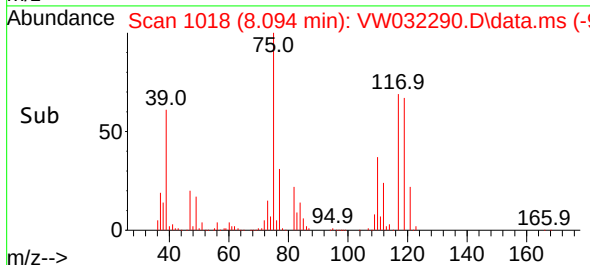
Tgt Ion:113 Resp: 146844
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.8 122.8
 192 17.5 13.0 19.4

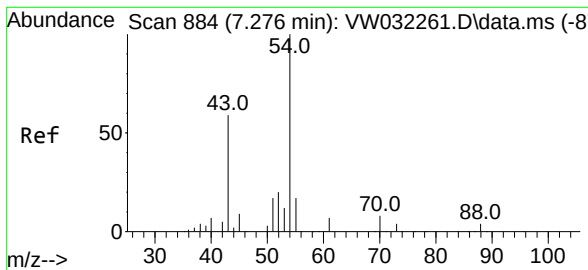


#36
 1,1-Dichloropropene
 Concen: 21.473 ug/l
 RT: 8.094 min Scan# 1018
 Delta R.T. 0.000 min
 Lab File: VW032290.D
 Acq: 29 Sep 2025 10:46



Tgt Ion: 75 Resp: 87432
 Ion Ratio Lower Upper
 75 100
 110 32.5 16.7 50.1
 77 31.3 25.2 37.8





#37

Ethyl Acetate

Concen: 20.969 ug/l

RT: 7.277 min Scan# 81

Delta R.T. 0.000 min

Lab File: VW032290.D

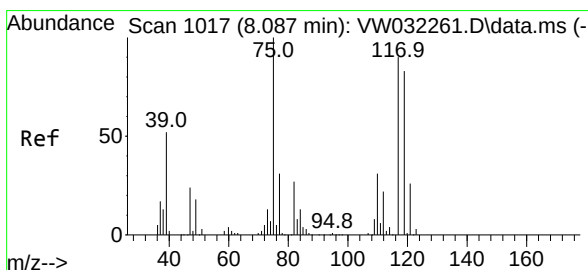
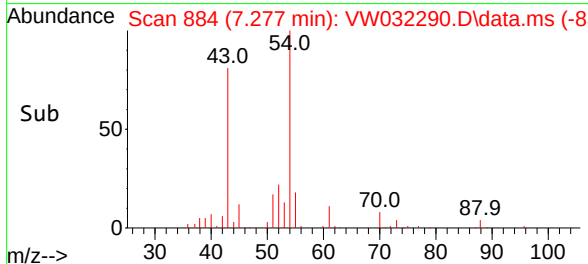
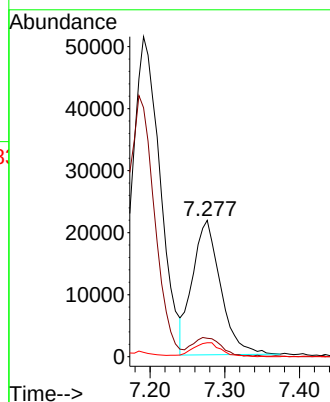
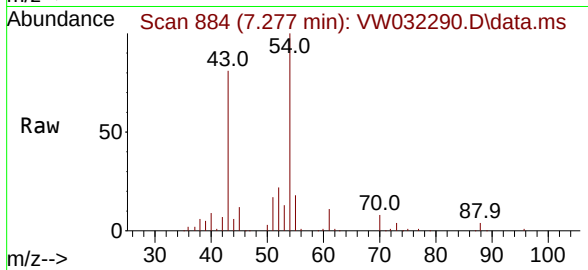
Acq: 29 Sep 2025 10:46

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43	Resp: 56626
Ion Ratio	Lower Upper
43 100	
61 13.8	10.5 15.7
70 10.5	8.5 12.7



#38

Carbon Tetrachloride

Concen: 21.711 ug/l

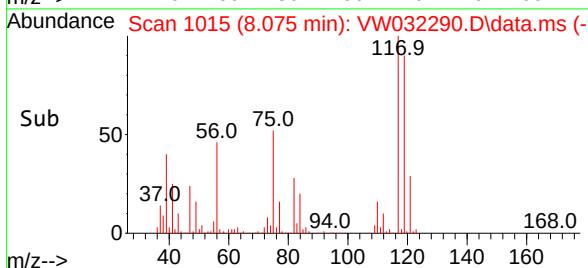
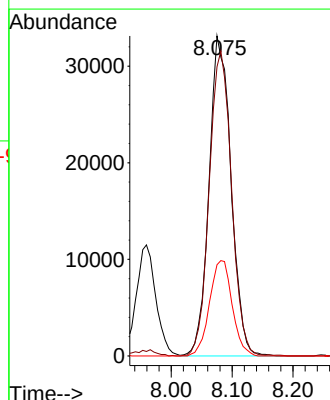
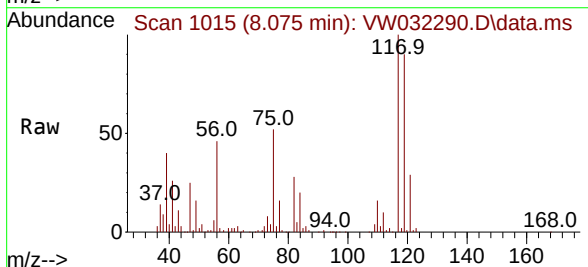
RT: 8.075 min Scan# 1015

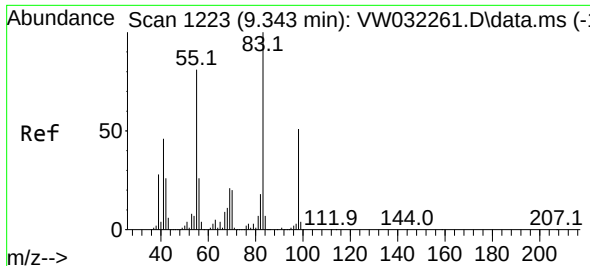
Delta R.T. -0.012 min

Lab File: VW032290.D

Acq: 29 Sep 2025 10:46

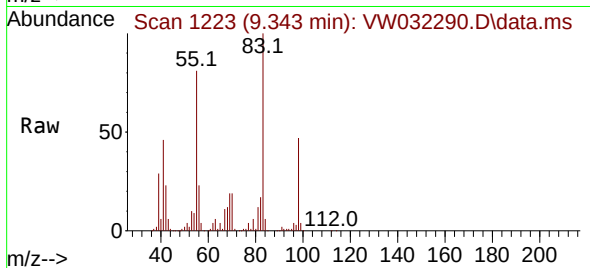
Tgt Ion: 117	Resp: 83171
Ion Ratio	Lower Upper
117 100	
119 90.3	73.9 110.9
121 28.5	23.0 34.6



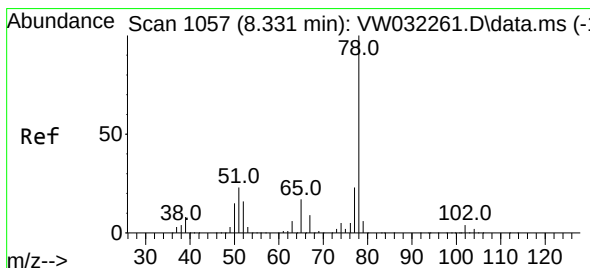
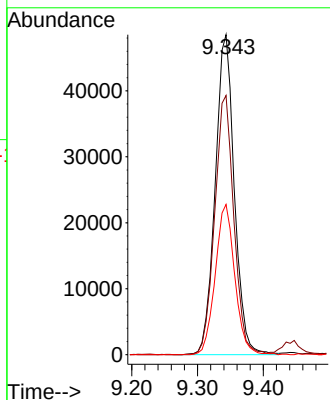
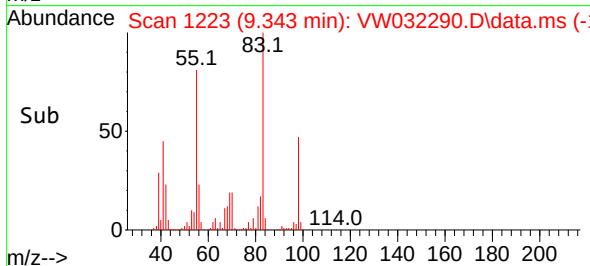


#39
Methylcyclohexane
Concen: 20.862 ug/l
RT: 9.343 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032290.D
Acq: 29 Sep 2025 10:46

Instrument :
MSVOA_W
ClientSampleId :

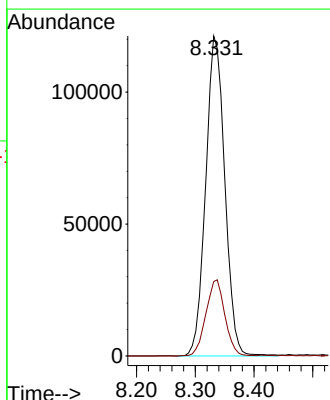
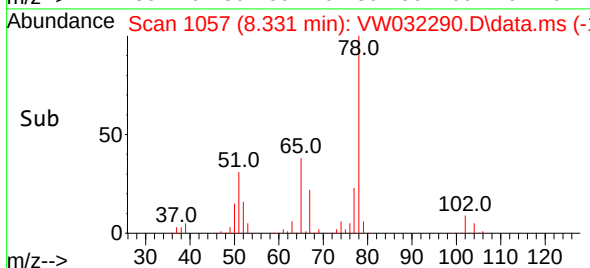
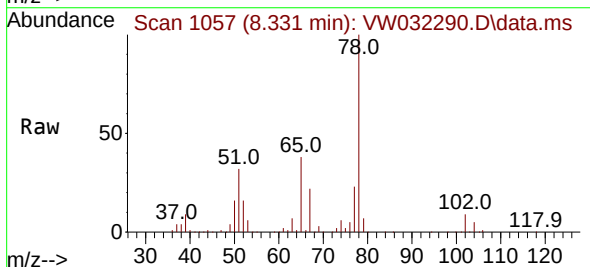


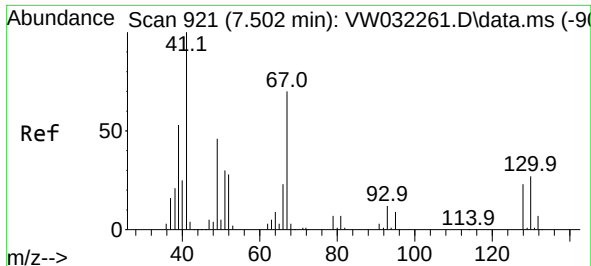
Tgt Ion: 83 Resp: 98289
Ion Ratio Lower Upper
83 100
55 81.0 65.0 97.6
98 47.0 40.8 61.2



#40
Benzene
Concen: 21.429 ug/l
RT: 8.331 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VW032290.D
Acq: 29 Sep 2025 10:46

Tgt Ion: 78 Resp: 274657
Ion Ratio Lower Upper
78 100
77 23.3 18.7 28.1

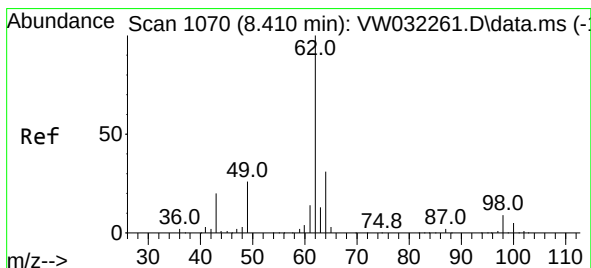
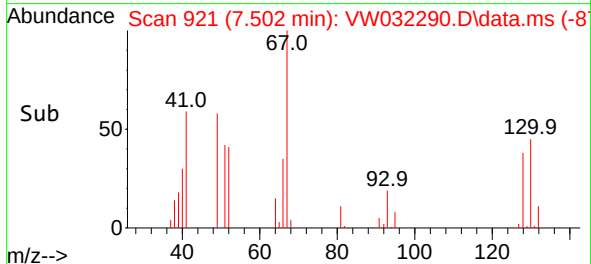
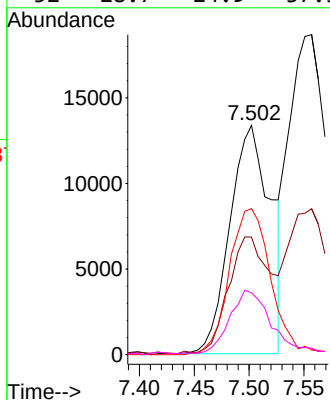
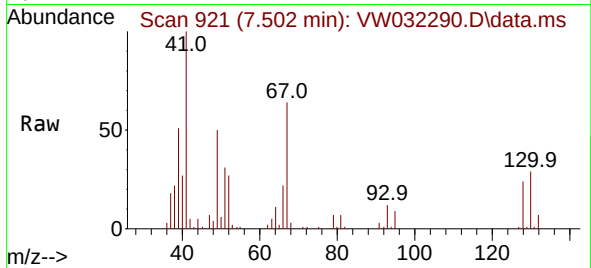




#41
Methacrylonitrile
Concen: 22.339 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032290.D
Acq: 29 Sep 2025 10:46

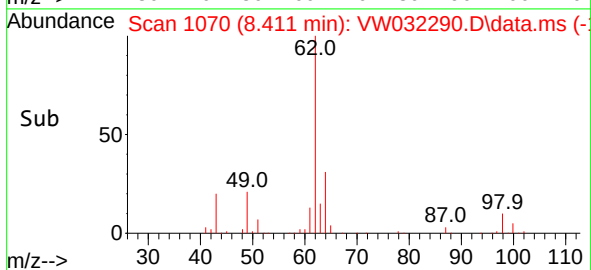
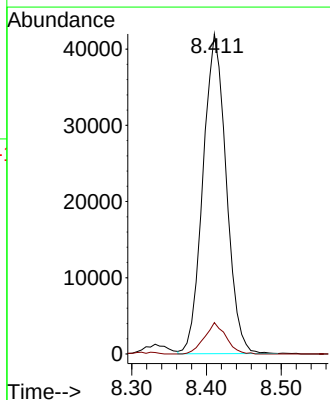
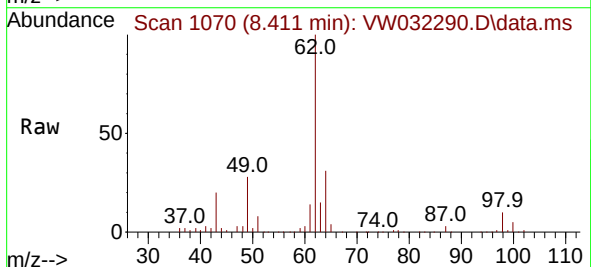
Instrument :
MSVOA_W
ClientSampleId :

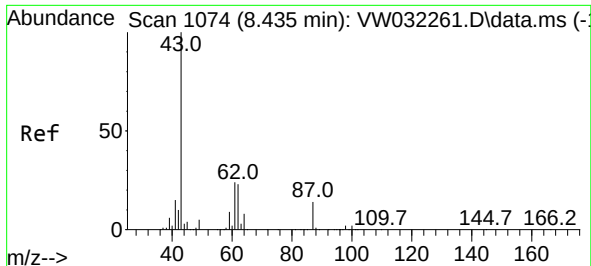
Tgt Ion: 41	Resp: 34551
Ion Ratio	Lower Upper
41 100	
39 52.8	46.9 70.3
67 65.8	59.0 88.4
52 28.7	24.9 37.3



#42
1,2-Dichloroethane
Concen: 21.290 ug/l
RT: 8.411 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032290.D
Acq: 29 Sep 2025 10:46

Tgt Ion: 62	Resp: 90701
Ion Ratio	Lower Upper
62 100	
98 9.0	0.0 18.4

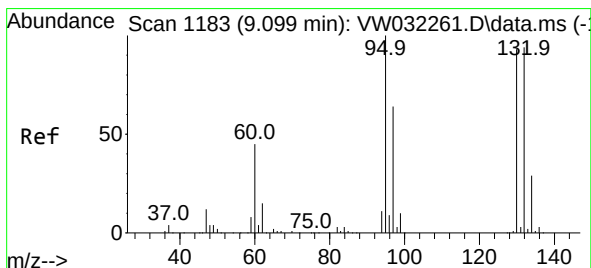
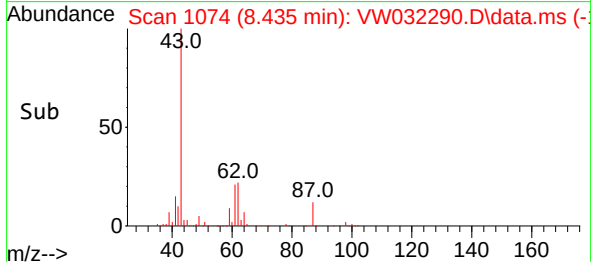
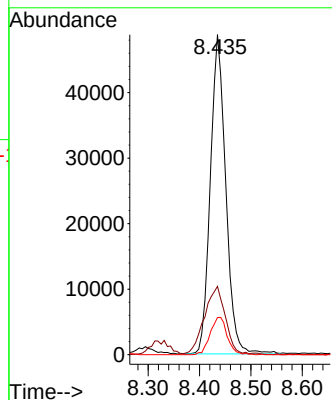
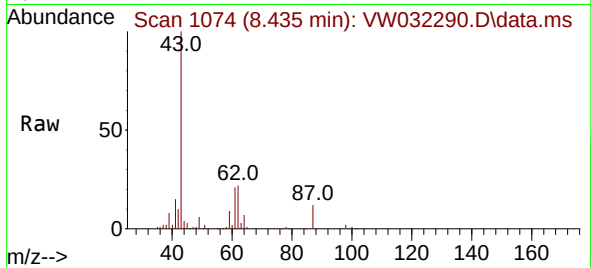




#43
Isopropyl Acetate
Concen: 21.011 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW032290.D
Acq: 29 Sep 2025 10:46

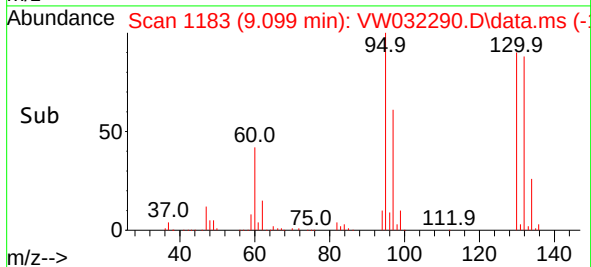
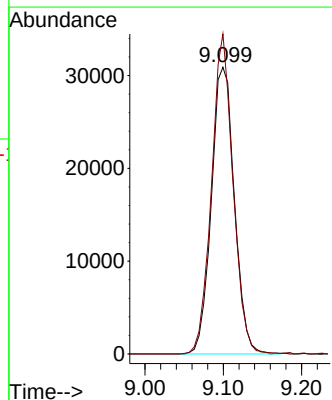
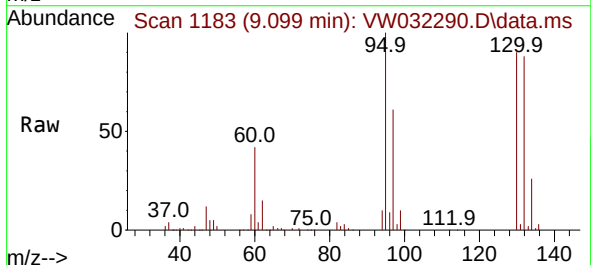
Instrument :
MSVOA_W
ClientSampleId :

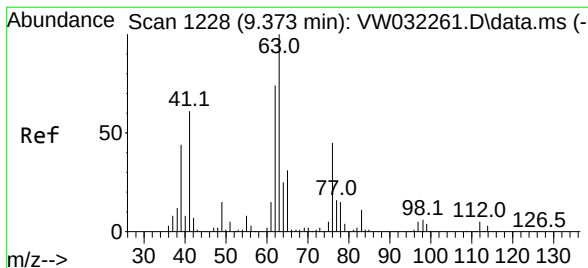
Tgt Ion: 43 Resp: 101568
Ion Ratio Lower Upper
43 100
61 28.1 24.2 36.2
87 12.9 10.6 16.0



#44
Trichloroethene
Concen: 21.058 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW032290.D
Acq: 29 Sep 2025 10:46

Tgt Ion: 130 Resp: 63086
Ion Ratio Lower Upper
130 100
95 111.6 0.0 215.2





#45

1,2-Dichloropropane

Concen: 20.964 ug/l

RT: 9.374 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032290.D

Acq: 29 Sep 2025 10:46

Instrument :

MSVOA_W

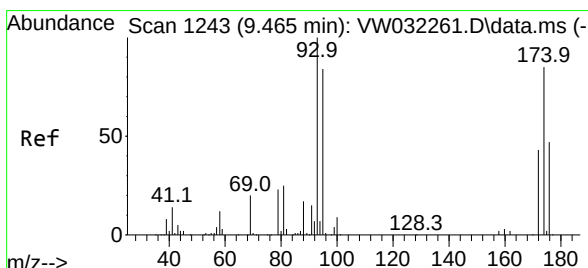
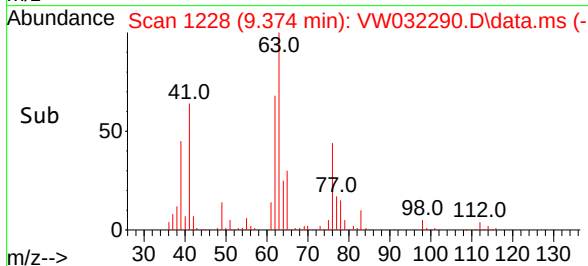
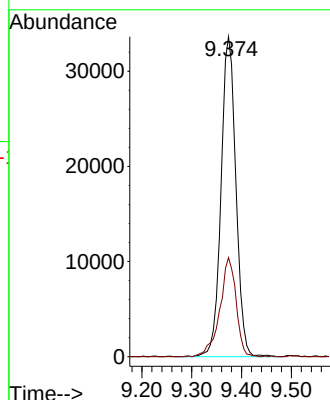
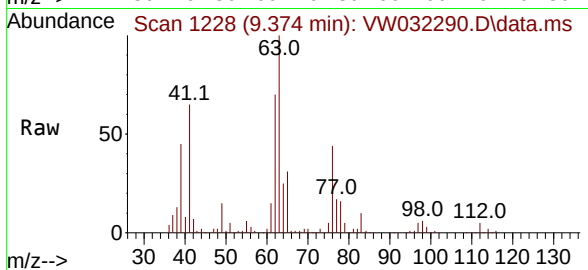
ClientSampleId :

Tgt Ion: 63 Resp: 69590

Ion Ratio Lower Upper

63 100

65 30.9 24.9 37.3



#46

Dibromomethane

Concen: 20.549 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW032290.D

Acq: 29 Sep 2025 10:46

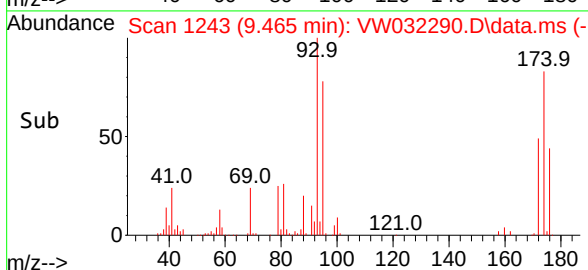
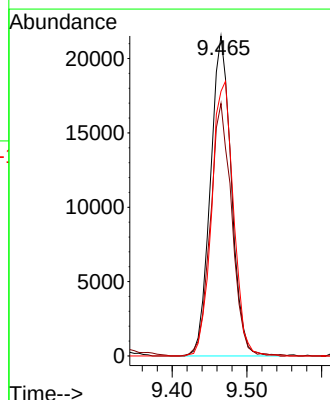
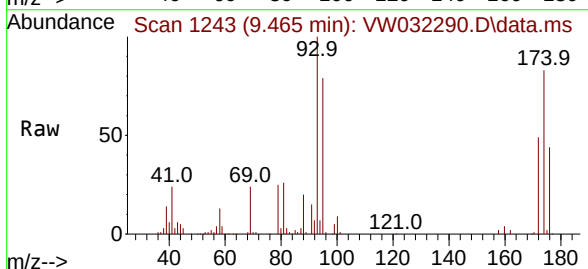
Tgt Ion: 93 Resp: 41939

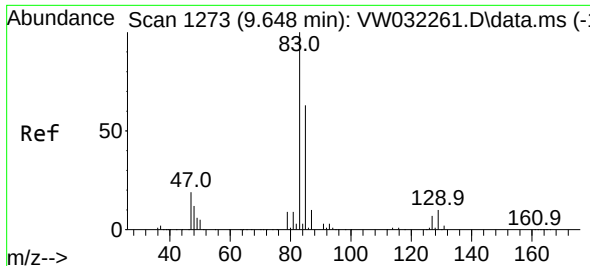
Ion Ratio Lower Upper

93 100

95 80.7 66.6 99.8

174 89.3 69.0 103.6

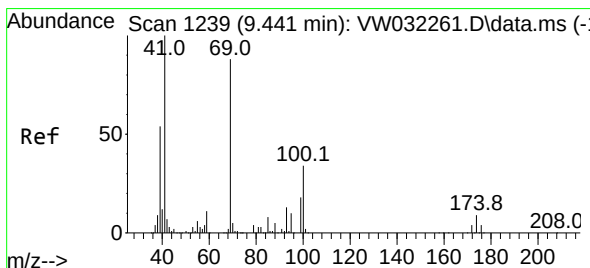
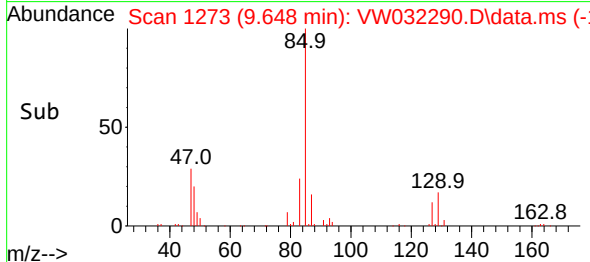
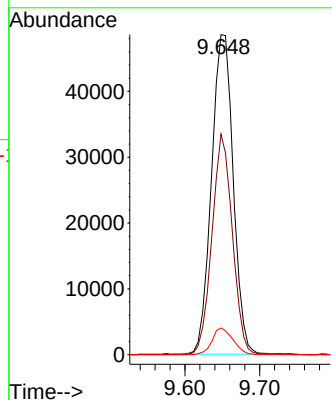
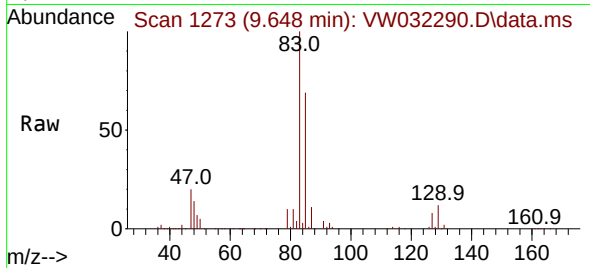




#47
Bromodichloromethane
Concen: 21.045 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VW032290.D
Acq: 29 Sep 2025 10:46

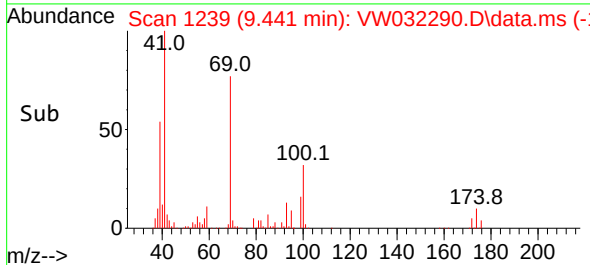
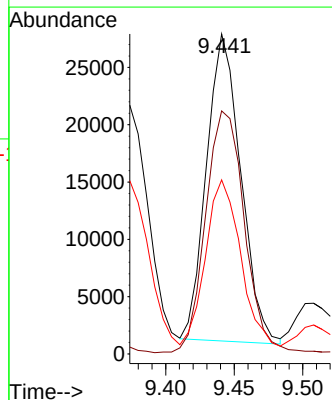
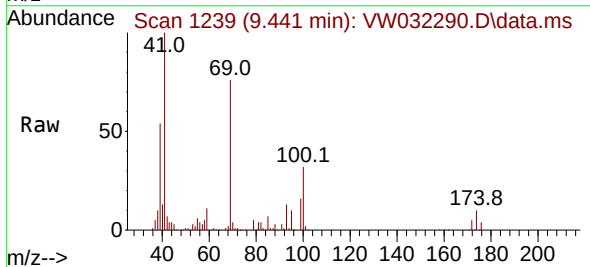
Instrument :
MSVOA_W
ClientSampleId :

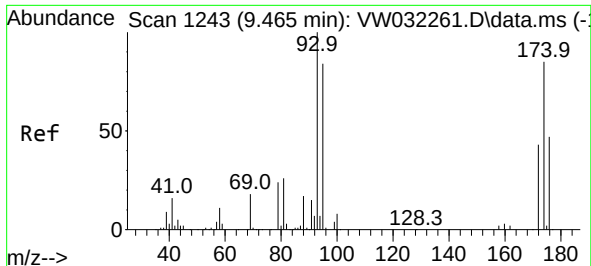
Tgt Ion: 83 Resp: 97961
Ion Ratio Lower Upper
83 100
85 69.0 50.3 75.5
127 8.4 5.6 8.4



#48
Methyl methacrylate
Concen: 20.491 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW032290.D
Acq: 29 Sep 2025 10:46

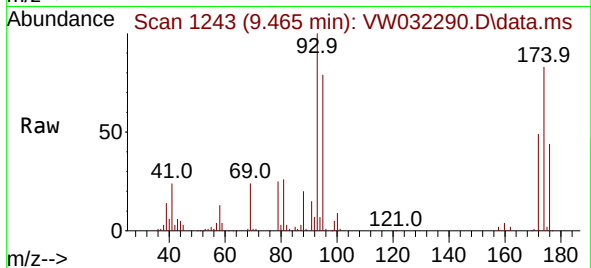
Tgt Ion: 41 Resp: 46601
Ion Ratio Lower Upper
41 100
69 90.3 71.4 107.0
39 55.6 46.9 70.3



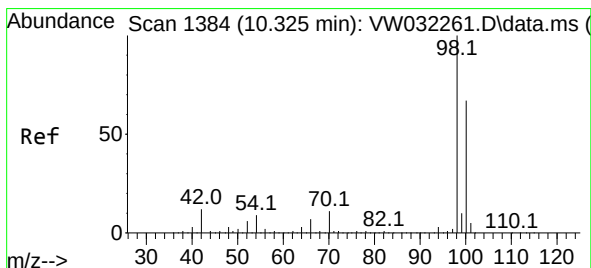
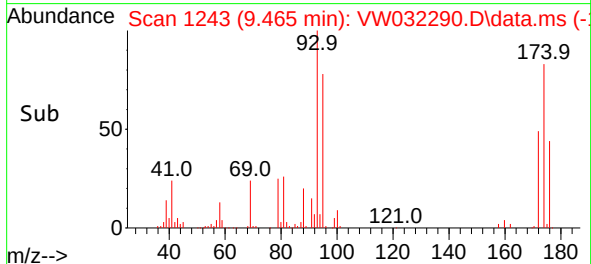
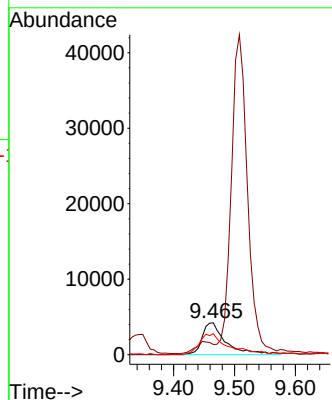


#49
 1,4-Dioxane
 Concen: 421.308 ug/l
 RT: 9.465 min Scan# 11516
 Delta R.T. 0.000 min
 Lab File: VW032290.D
 Acq: 29 Sep 2025 10:46

Instrument :
 MSVOA_W
 ClientSampleId :

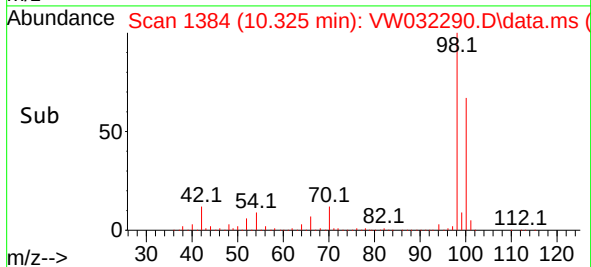
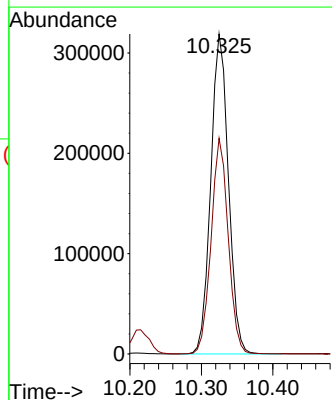
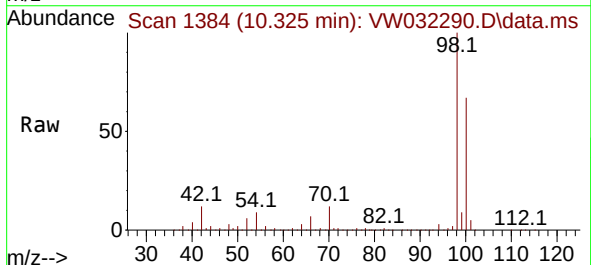


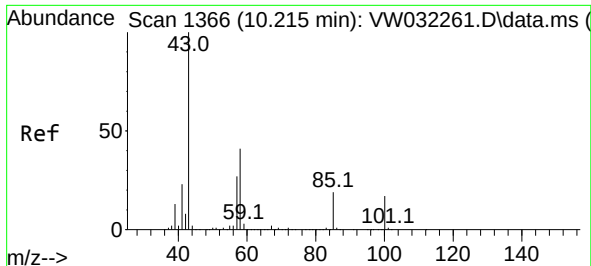
Tgt Ion: 88 Resp: 11516
 Ion Ratio Lower Upper
 88 100
 43 26.9 0.0 0.0#
 58 79.2 62.9 94.3



#50
 Toluene-d8
 Concen: 50.289 ug/l
 RT: 10.325 min Scan# 1384
 Delta R.T. 0.000 min
 Lab File: VW032290.D
 Acq: 29 Sep 2025 10:46

Tgt Ion: 98 Resp: 547373
 Ion Ratio Lower Upper
 98 100
 100 65.3 53.0 79.4

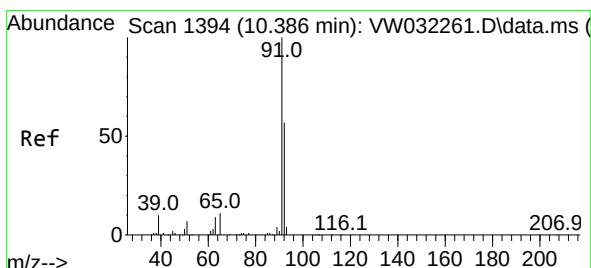
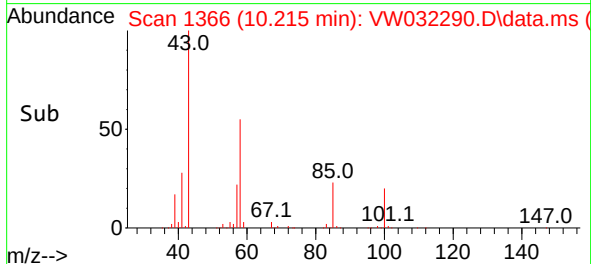
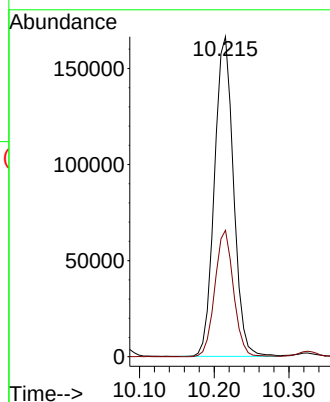
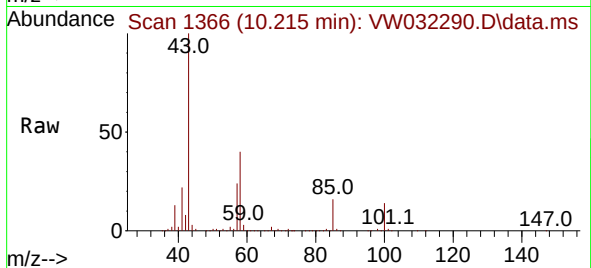




#51
4-Methyl-2-Pentanone
Concen: 102.939 ug/l
RT: 10.215 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032290.D
Acq: 29 Sep 2025 10:46

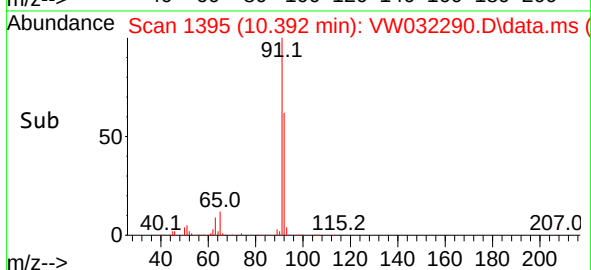
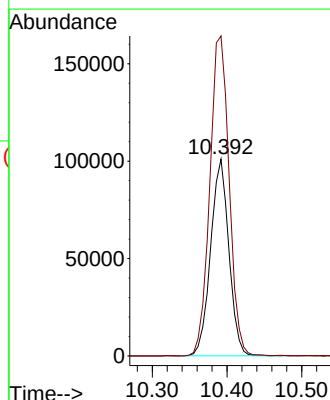
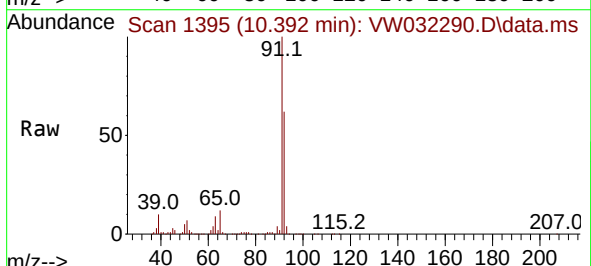
Instrument :
MSVOA_W
ClientSampleId :

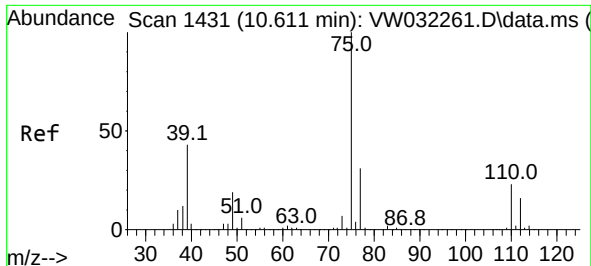
Tgt Ion: 43 Resp: 295039
Ion Ratio Lower Upper
43 100
58 38.8 32.3 48.5



#52
Toluene
Concen: 21.498 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VW032290.D
Acq: 29 Sep 2025 10:46

Tgt Ion: 92 Resp: 170779
Ion Ratio Lower Upper
92 100
91 172.6 139.2 208.8

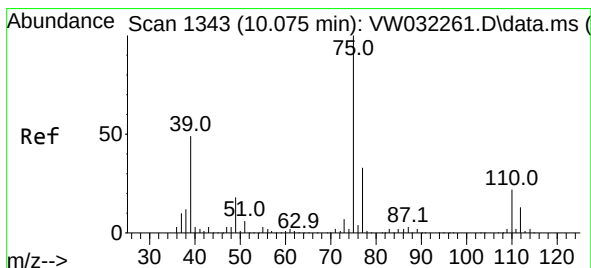
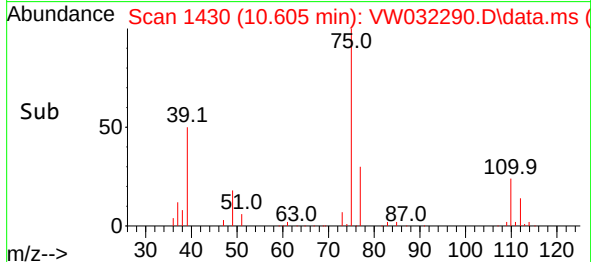
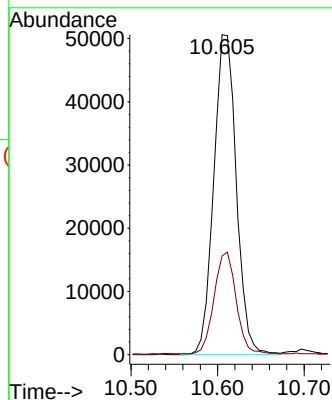
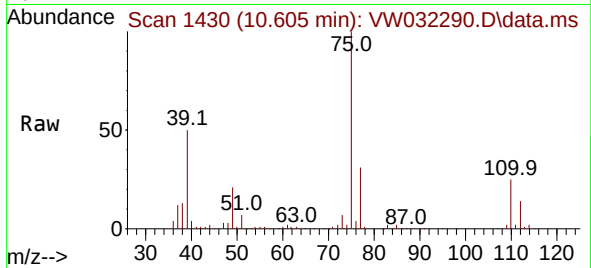




#53
 t-1,3-Dichloropropene
 Concen: 21.495 ug/l
 RT: 10.605 min Scan# 1431
 Delta R.T. -0.006 min
 Lab File: VW032290.D
 Acq: 29 Sep 2025 10:46

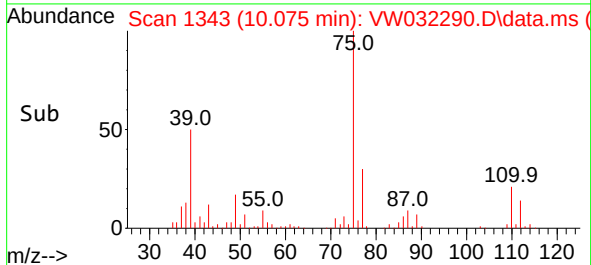
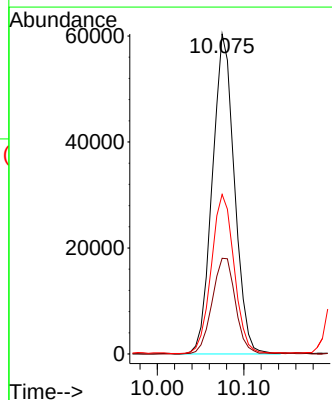
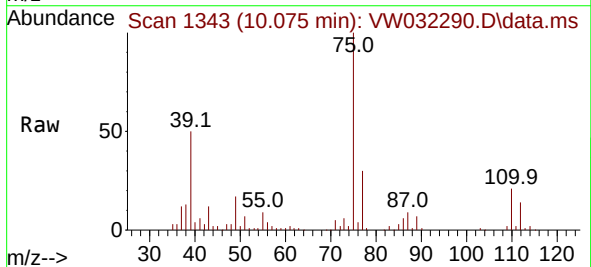
Instrument :
 MSVOA_W
 ClientSampleId :

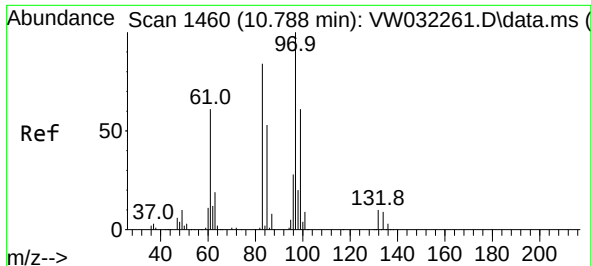
Tgt Ion: 75 Resp: 91672
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 21.724 ug/l
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.000 min
 Lab File: VW032290.D
 Acq: 29 Sep 2025 10:46

Tgt Ion: 75 Resp: 106963
 Ion Ratio Lower Upper
 75 100
 77 29.9 26.2 39.4
 39 49.7 39.0 58.6

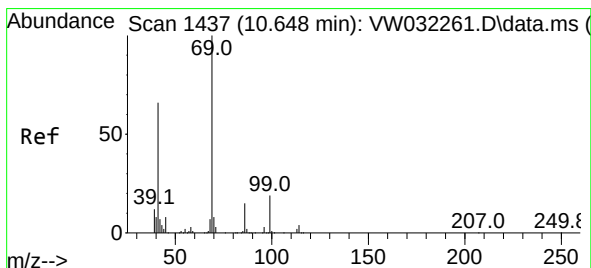
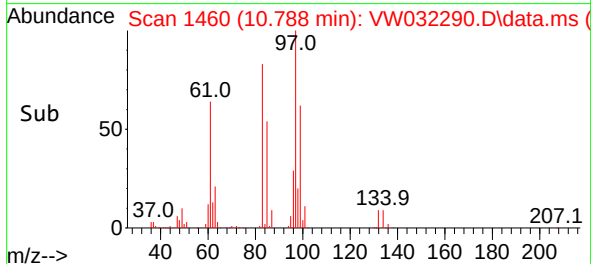
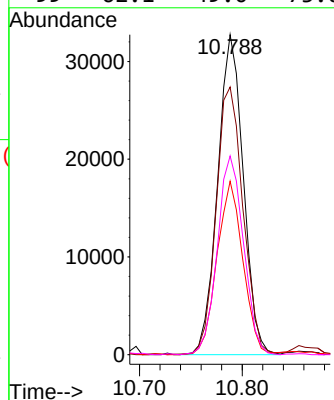
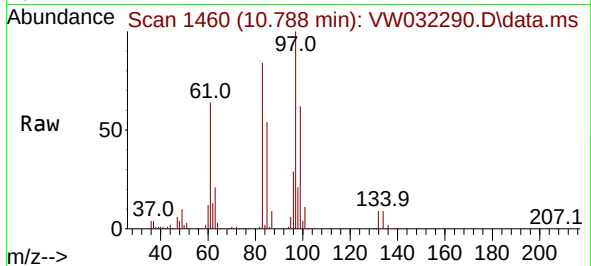




#55
1,1,2-Trichloroethane
Concen: 20.363 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032290.D
Acq: 29 Sep 2025 10:46

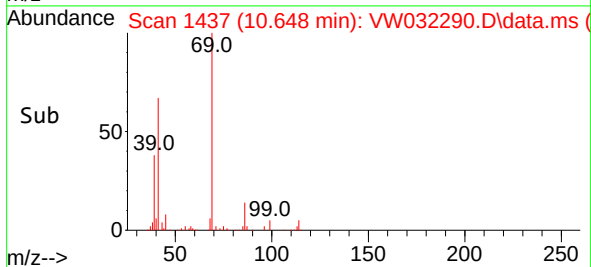
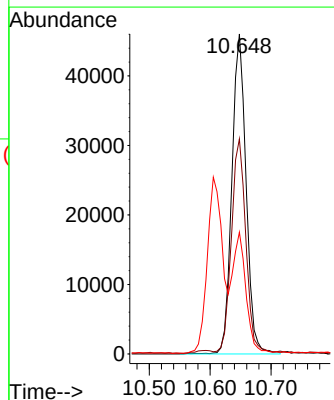
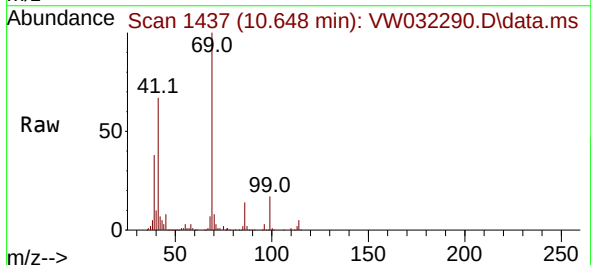
Instrument :
MSVOA_W
ClientSampleId :

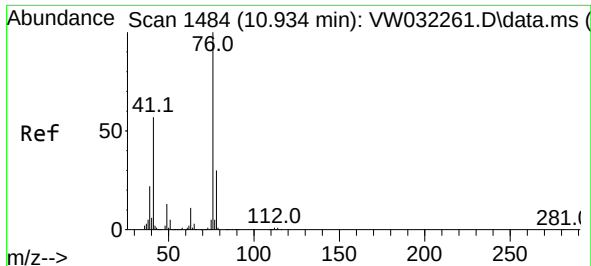
Tgt Ion:	97	Resp:	56727
Ion	Ratio	Lower	Upper
97	100		
83	83.4	67.4	101.2
85	54.2	42.0	63.0
99	62.1	49.0	73.6



#56
Ethyl methacrylate
Concen: 20.316 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032290.D
Acq: 29 Sep 2025 10:46

Tgt Ion:	69	Resp:	74550
Ion	Ratio	Lower	Upper
69	100		
41	66.8	54.7	82.1
39	35.0	26.3	39.5





#57

1,3-Dichloropropane

Concen: 20.790 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW032290.D

Acq: 29 Sep 2025 10:46

Instrument :

MSVOA_W

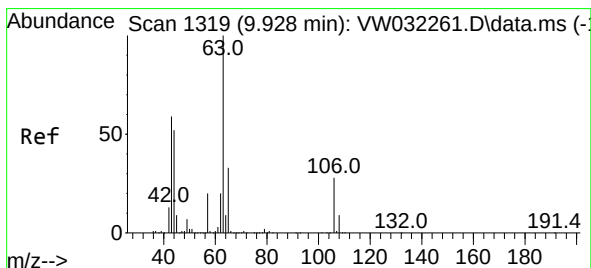
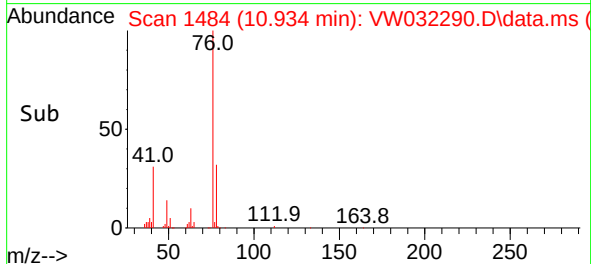
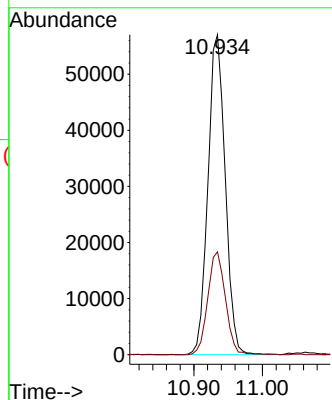
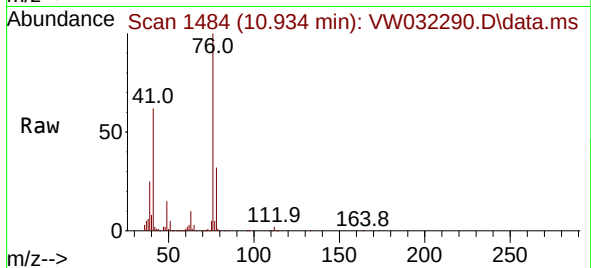
ClientSampleId :

Tgt Ion: 76 Resp: 100057

Ion Ratio Lower Upper

76 100

78 32.9 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 95.616 ug/l

RT: 9.929 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW032290.D

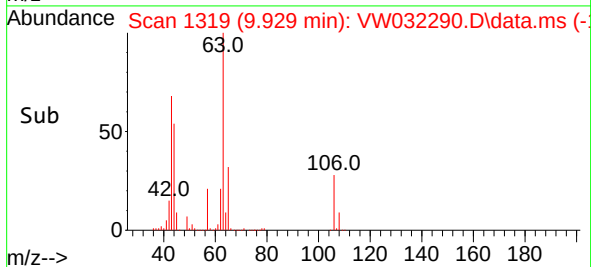
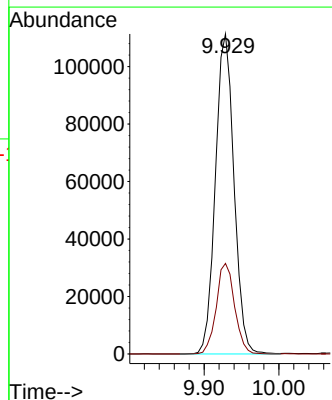
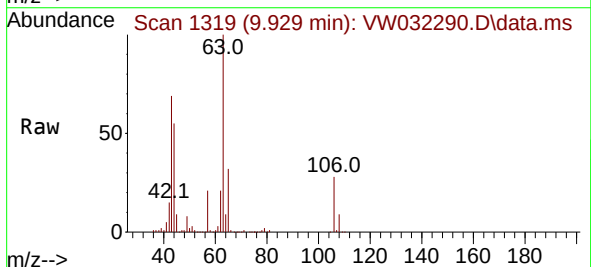
Acq: 29 Sep 2025 10:46

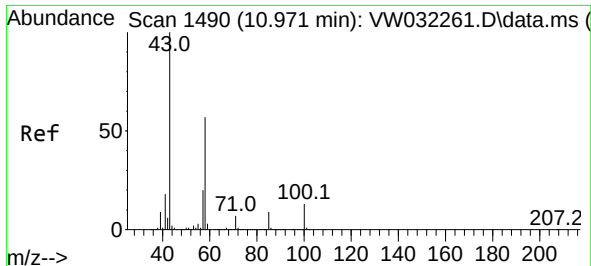
Tgt Ion: 63 Resp: 192606

Ion Ratio Lower Upper

63 100

106 27.9 22.5 33.7

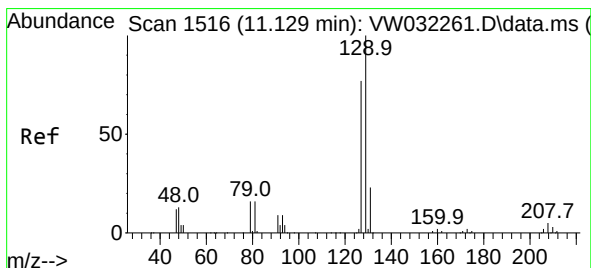
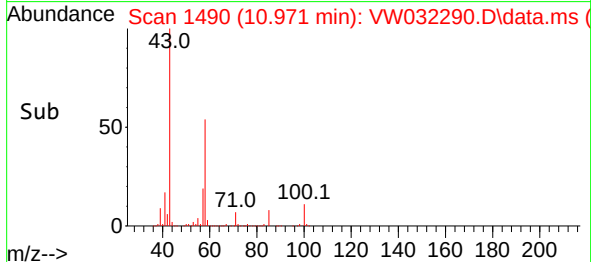
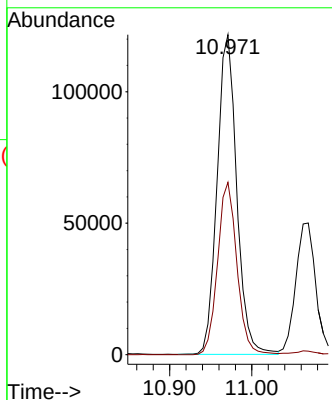
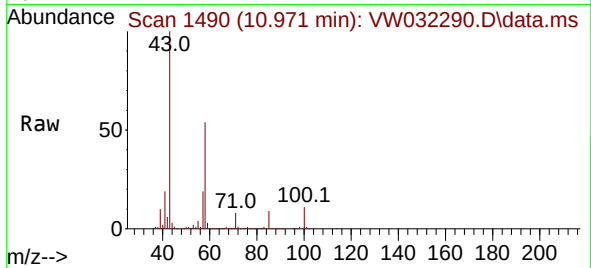




#59
2-Hexanone
Concen: 103.036 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032290.D
Acq: 29 Sep 2025 10:46

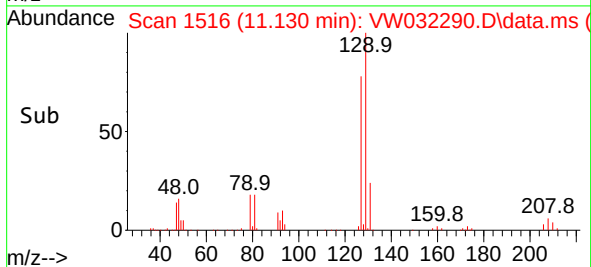
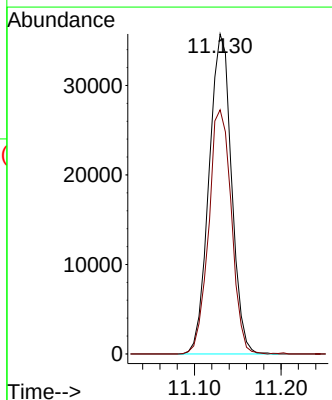
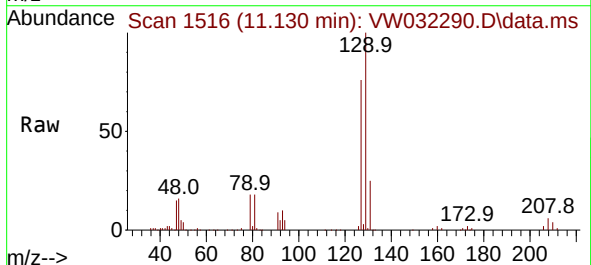
Instrument :
MSVOA_W
ClientSampleId :

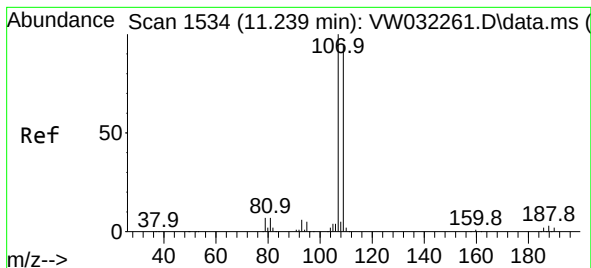
Tgt Ion: 43 Resp: 201668
Ion Ratio Lower Upper
43 100
58 53.1 27.9 83.6



#60
Dibromochloromethane
Concen: 21.075 ug/l
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032290.D
Acq: 29 Sep 2025 10:46

Tgt Ion:129 Resp: 64477
Ion Ratio Lower Upper
129 100
127 76.9 39.3 117.8

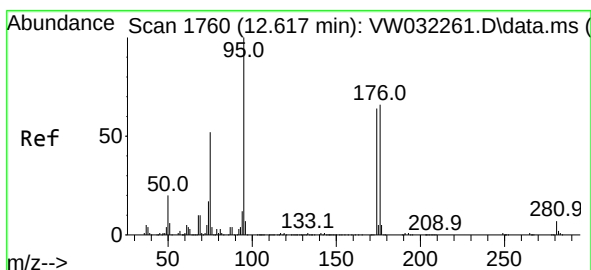
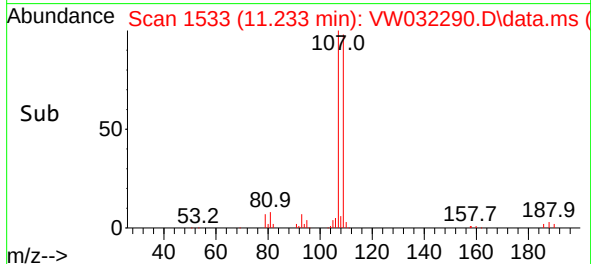
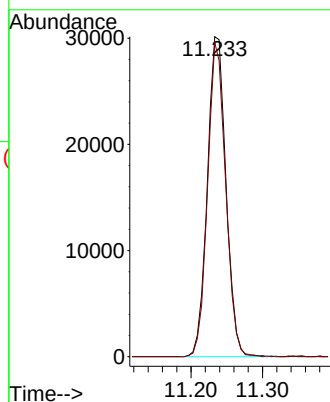
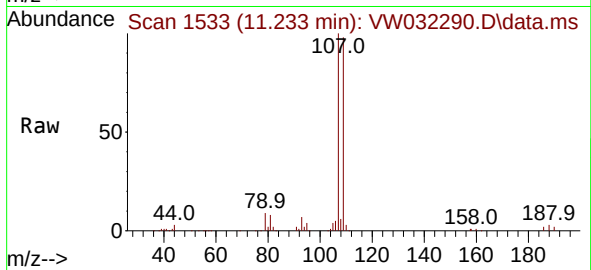




#61
1,2-Dibromoethane
Concen: 20.711 ug/l
RT: 11.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032290.D
Acq: 29 Sep 2025 10:46

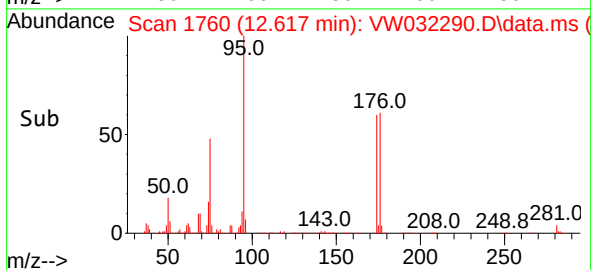
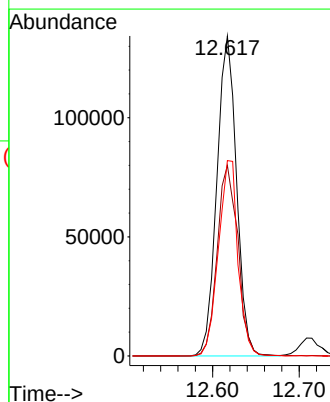
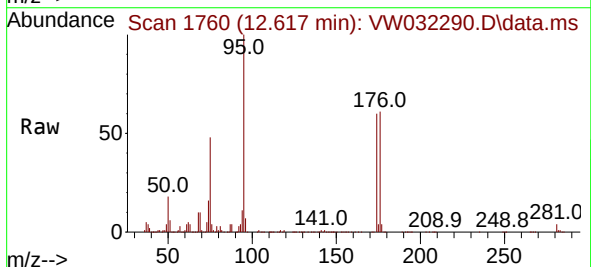
Instrument :
MSVOA_W
ClientSampleId :

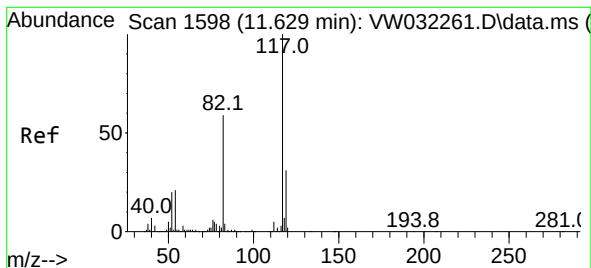
Tgt Ion:107 Resp: 54662
Ion Ratio Lower Upper
107 100
109 94.7 74.1 111.1



#62
4-Bromofluorobenzene
Concen: 51.568 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032290.D
Acq: 29 Sep 2025 10:46

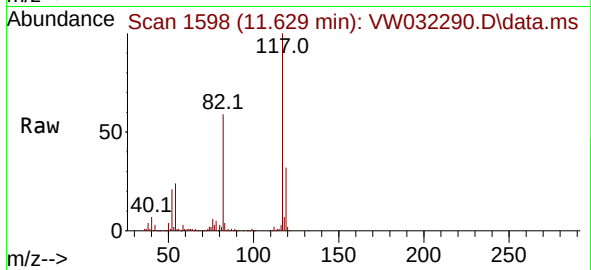
Tgt Ion: 95 Resp: 211722
Ion Ratio Lower Upper
95 100
174 62.6 0.0 130.6
176 61.0 0.0 127.0



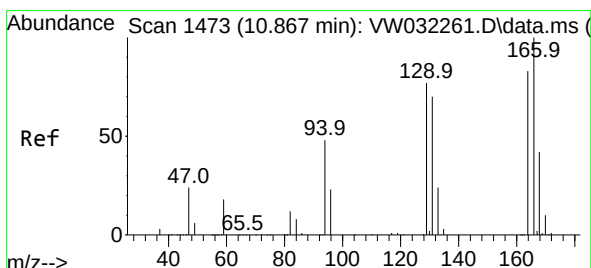
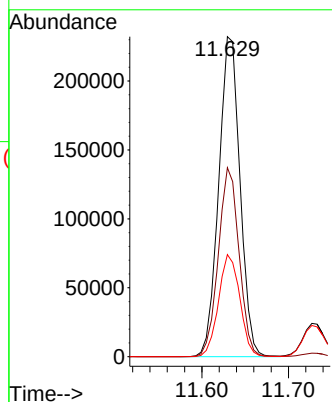
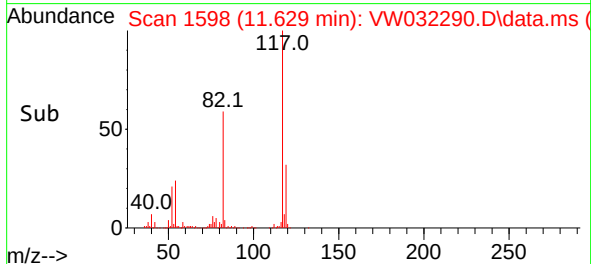


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032290.D
Acq: 29 Sep 2025 10:46

Instrument :
MSVOA_W
ClientSampleId :

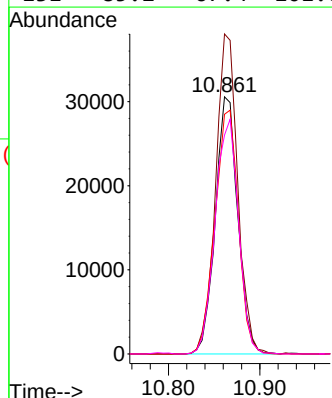
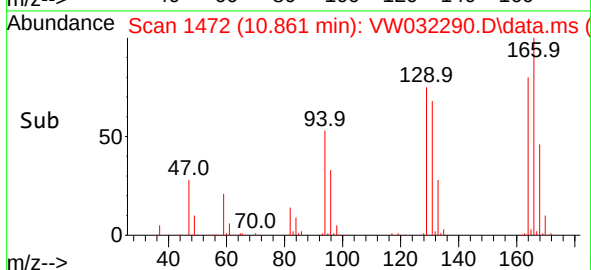
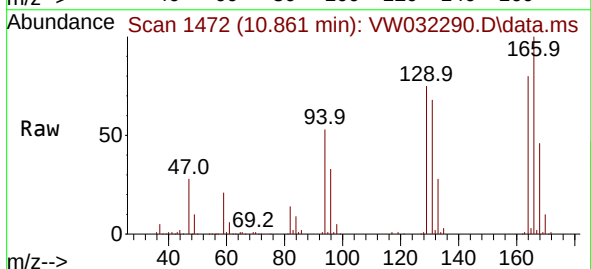


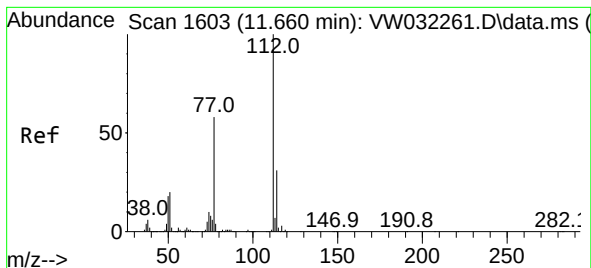
Tgt Ion:117 Resp: 396829
Ion Ratio Lower Upper
117 100
82 59.0 46.9 70.3
119 31.9 24.9 37.3



#64
Tetrachloroethene
Concen: 21.582 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW032290.D
Acq: 29 Sep 2025 10:46

Tgt Ion:164 Resp: 52193
Ion Ratio Lower Upper
164 100
166 124.5 96.9 145.3
129 93.2 75.0 112.4
131 85.2 67.4 101.0





#65

Chlorobenzene

Concen: 20.897 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032290.D

Acq: 29 Sep 2025 10:46

Instrument :

MSVOA_W

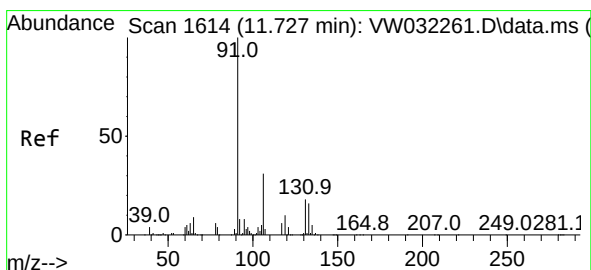
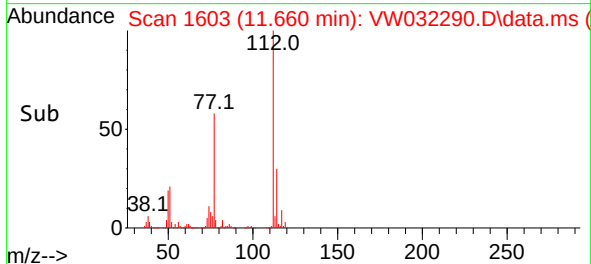
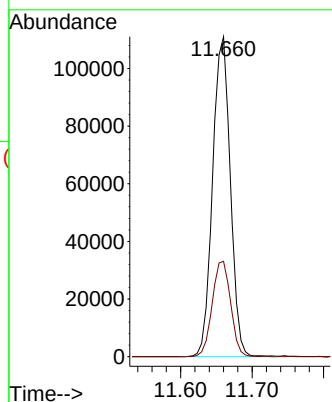
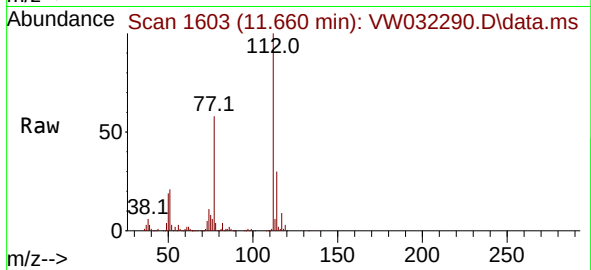
ClientSampleId :

Tgt Ion:112 Resp: 191009

Ion Ratio Lower Upper

112 100

114 29.8 24.8 37.2



#66

1,1,1,2-Tetrachloroethane

Concen: 21.059 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW032290.D

Acq: 29 Sep 2025 10:46

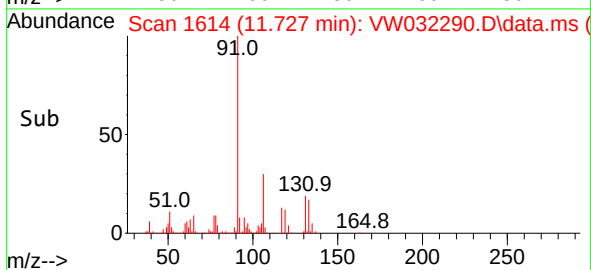
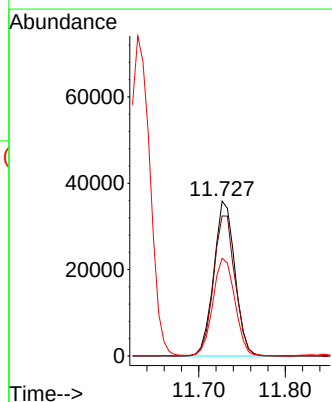
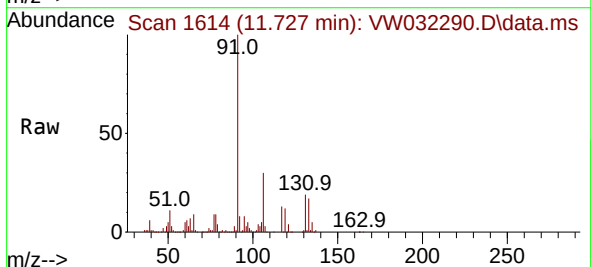
Tgt Ion:131 Resp: 60877

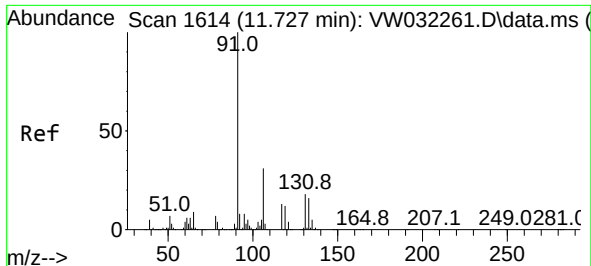
Ion Ratio Lower Upper

131 100

133 92.6 47.1 141.3

119 66.0 33.9 101.7





#67

Ethyl Benzene

Concen: 21.116 ug/l

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032290.D

Acq: 29 Sep 2025 10:46

Instrument :

MSVOA_W

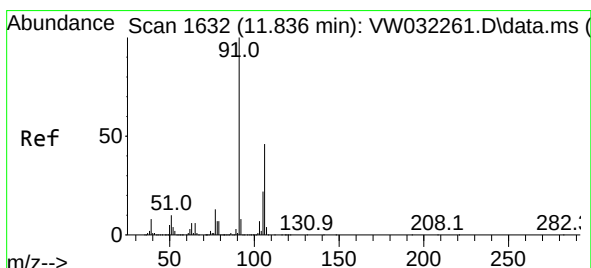
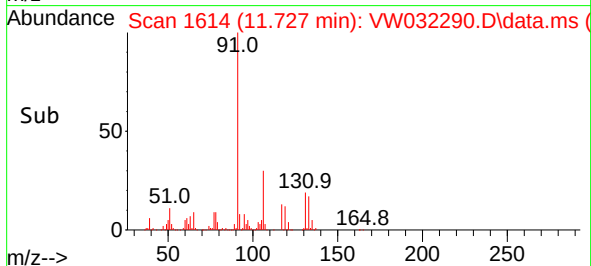
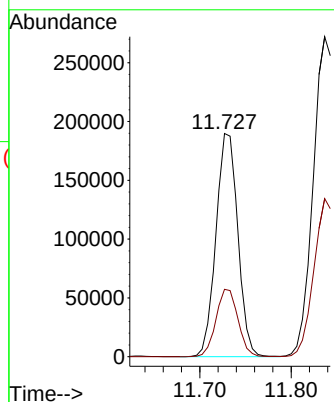
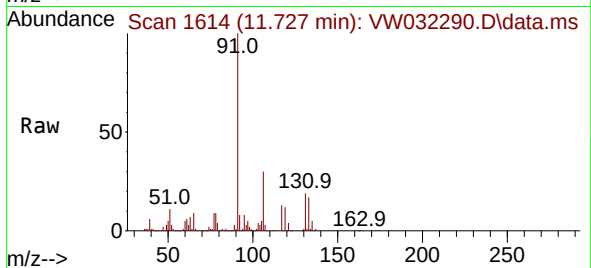
ClientSampleId :

Tgt Ion: 91 Resp: 315928

Ion Ratio Lower Upper

91 100

106 30.2 24.7 37.1



#68

m/p-Xylenes

Concen: 42.619 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW032290.D

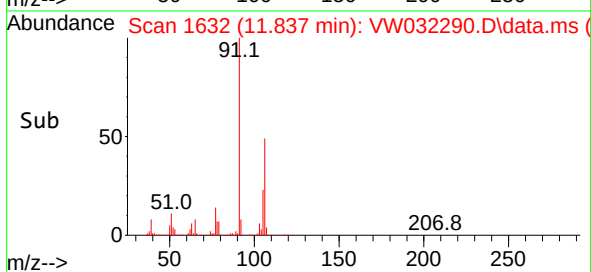
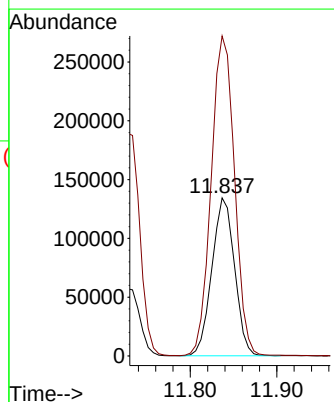
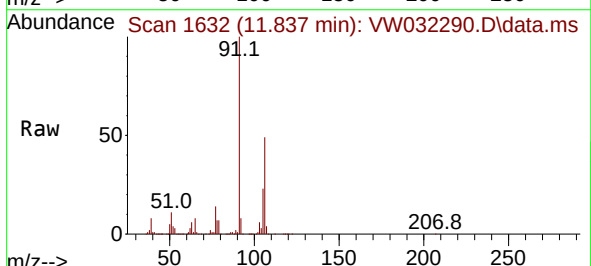
Acq: 29 Sep 2025 10:46

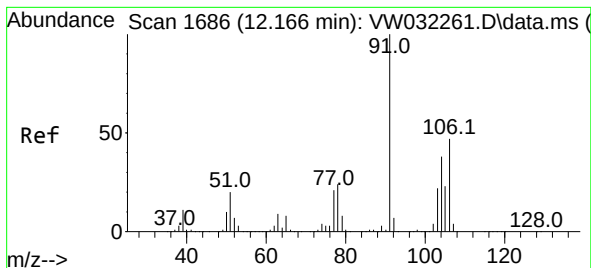
Tgt Ion:106 Resp: 244433

Ion Ratio Lower Upper

106 100

91 209.2 169.0 253.4





#69

o-Xylene

Concen: 20.937 ug/l

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032290.D

Acq: 29 Sep 2025 10:46

Instrument :

MSVOA_W

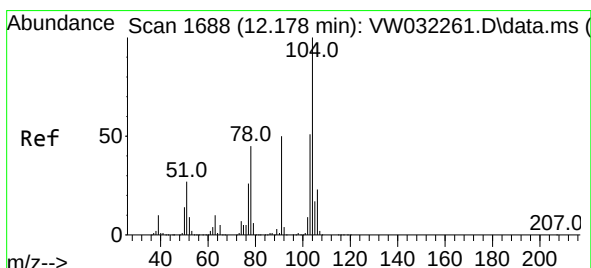
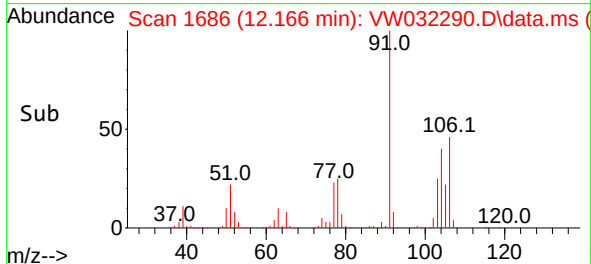
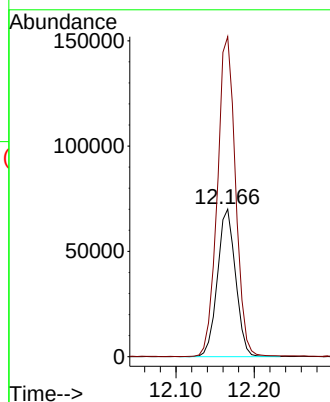
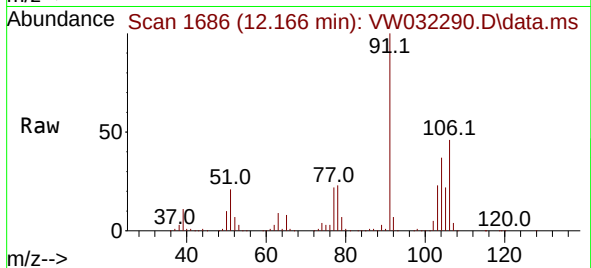
ClientSampleId :

Tgt Ion:106 Resp: 112852

Ion Ratio Lower Upper

106 100

91 217.4 107.8 323.6



#70

Styrene

Concen: 21.936 ug/l

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW032290.D

Acq: 29 Sep 2025 10:46

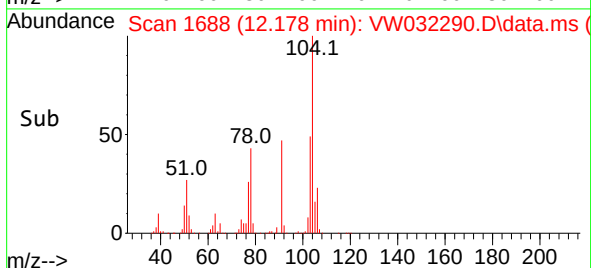
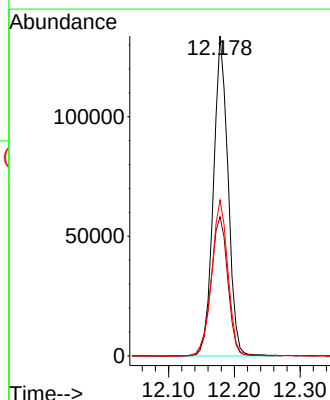
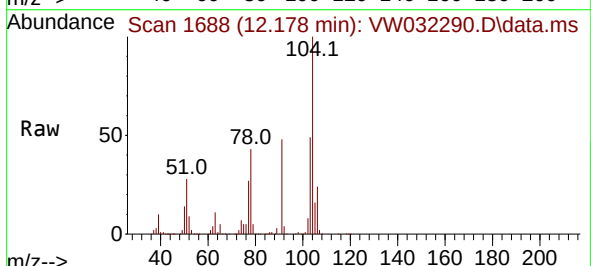
Tgt Ion:104 Resp: 207347

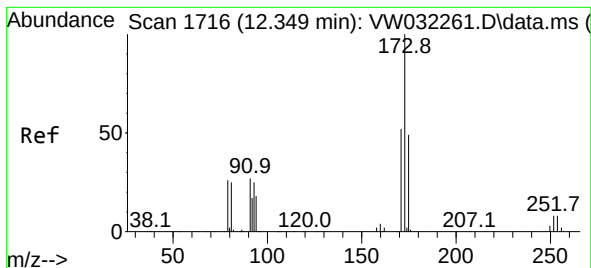
Ion Ratio Lower Upper

104 100

78 50.0 40.8 61.2

103 53.8 43.4 65.2





#71

Bromoform

Concen: 20.302 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032290.D

Acq: 29 Sep 2025 10:46

Instrument :

MSVOA_W

ClientSampleId :

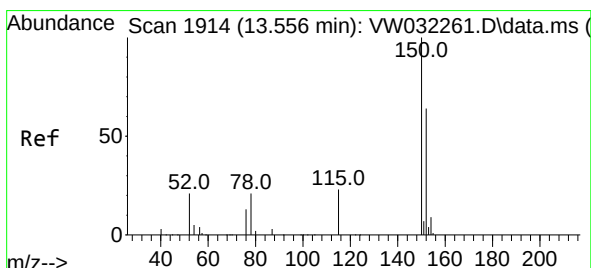
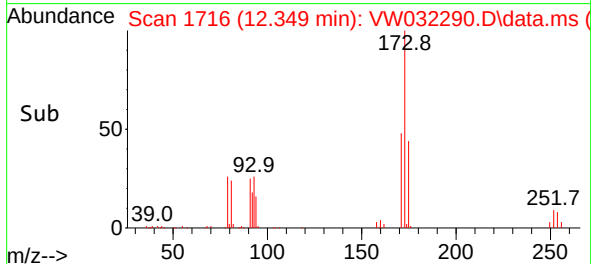
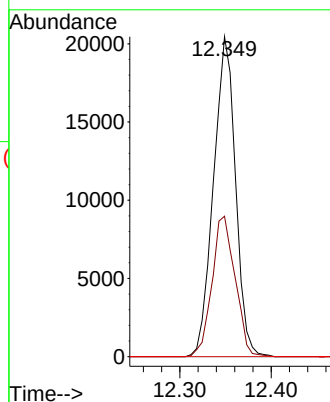
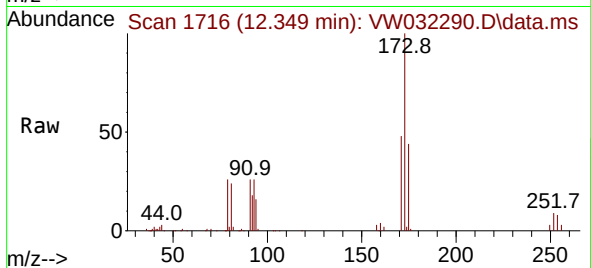
Tgt Ion:173 Resp: 34201

Ion Ratio Lower Upper

173 100

175 46.2 23.1 69.2

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW032290.D

Acq: 29 Sep 2025 10:46

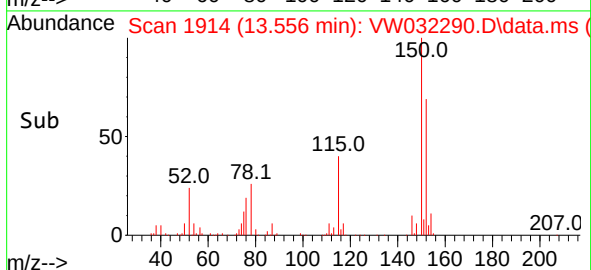
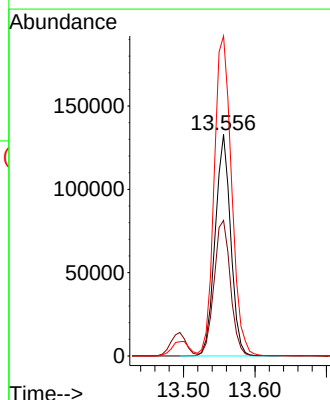
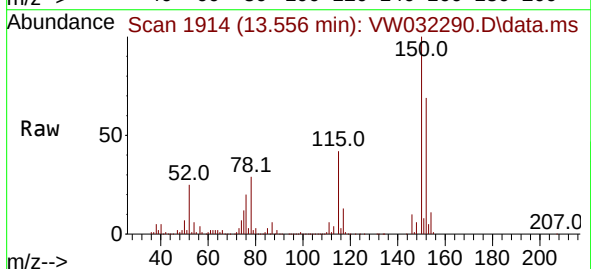
Tgt Ion:152 Resp: 199844

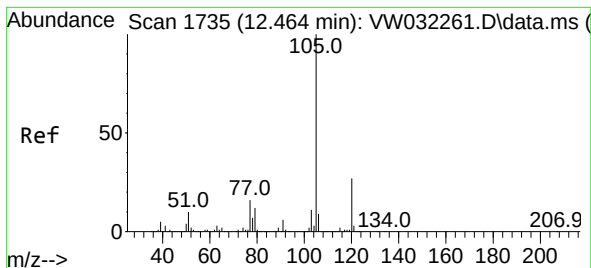
Ion Ratio Lower Upper

152 100

115 64.6 32.5 97.5

150 161.9 0.0 370.2





#73

Isopropylbenzene

Concen: 20.873 ug/l

RT: 12.465 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032290.D

Acq: 29 Sep 2025 10:46

Instrument :

MSVOA_W

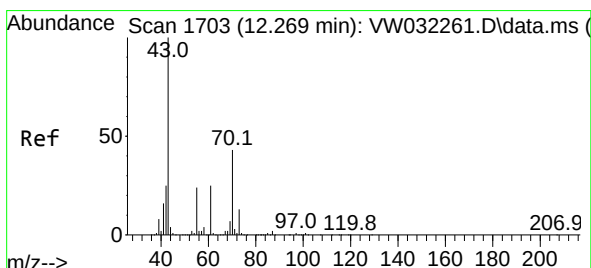
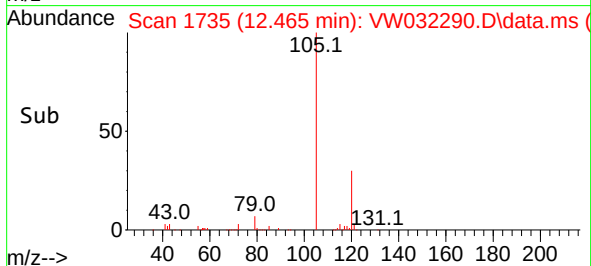
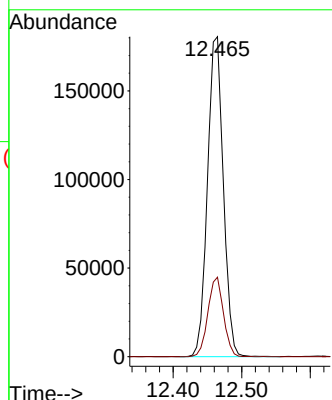
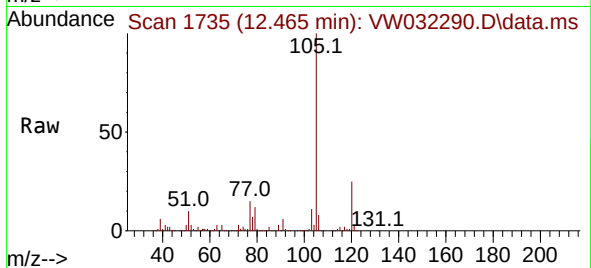
ClientSampleId :

Tgt Ion:105 Resp: 290328

Ion Ratio Lower Upper

105 100

120 24.4 13.1 39.3



#74

N-ethyl acetate

Concen: 21.087 ug/l

RT: 12.270 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW032290.D

Acq: 29 Sep 2025 10:46

Tgt Ion: 43 Resp: 92369

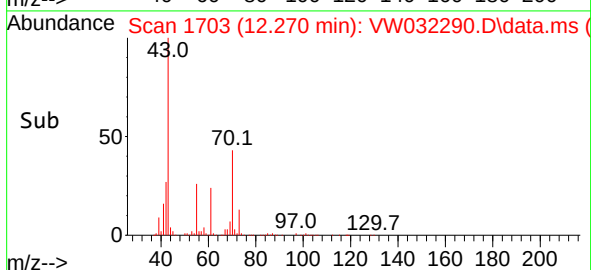
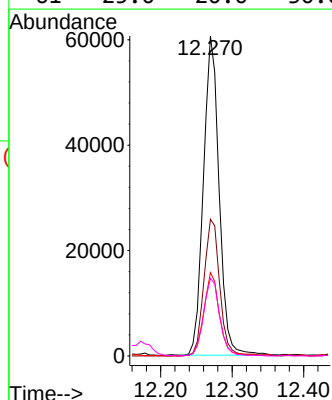
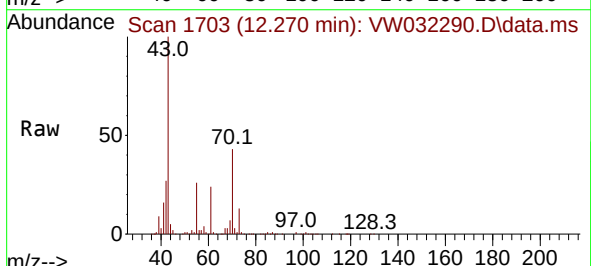
Ion Ratio Lower Upper

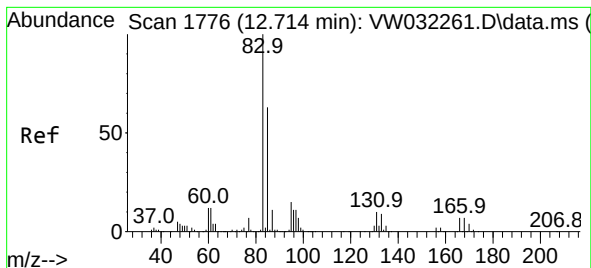
43 100

70 43.4 35.0 52.4

55 26.3 20.6 31.0

61 25.0 20.0 30.0

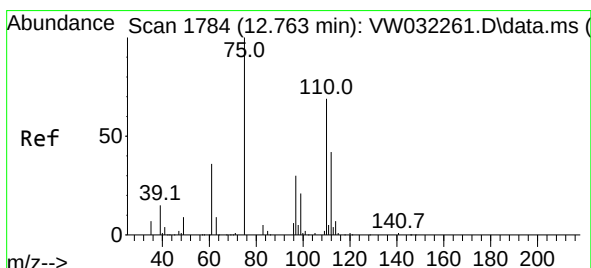
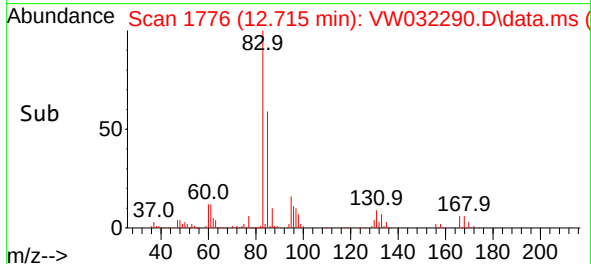
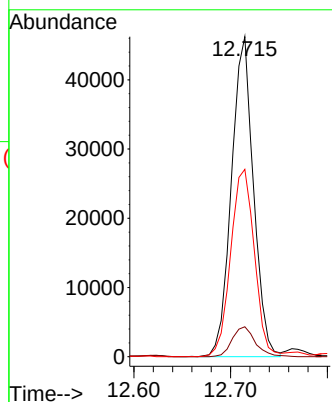
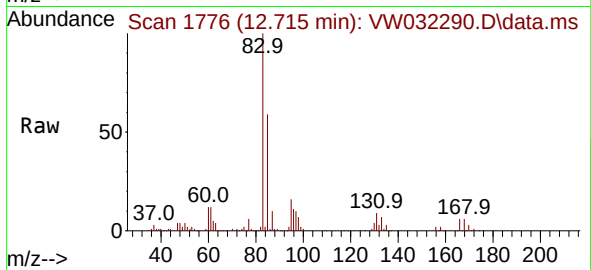




#75
 1,1,2-Tetrachloroethane
 Concen: 20.090 ug/l
 RT: 12.715 min Scan# 1776
 Delta R.T. 0.000 min
 Lab File: VW032290.D
 Acq: 29 Sep 2025 10:46

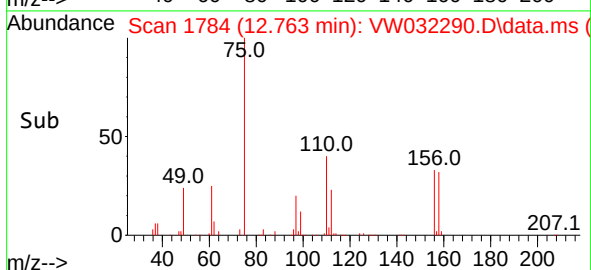
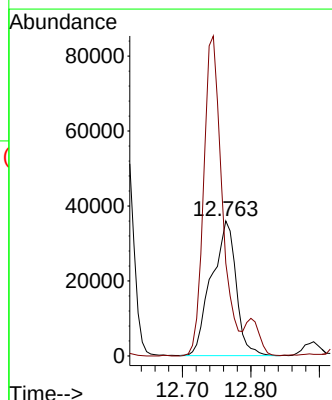
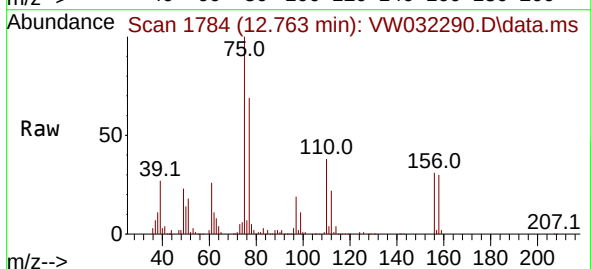
Instrument :
 MSVOA_W
 ClientSampleId :

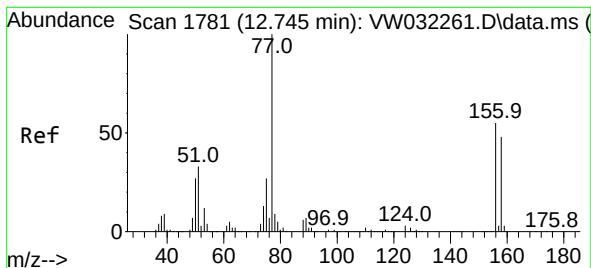
Tgt Ion: 83 Resp: 73266
 Ion Ratio Lower Upper
 83 100
 131 9.8 4.9 14.7
 85 63.0 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 32.559 ug/l
 RT: 12.763 min Scan# 1784
 Delta R.T. 0.000 min
 Lab File: VW032290.D
 Acq: 29 Sep 2025 10:46

Tgt Ion: 75 Resp: 89518
 Ion Ratio Lower Upper
 75 100
 77 180.6 140.9 422.7





#77

Bromobenzene

Concen: 20.778 ug/l

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032290.D

Acq: 29 Sep 2025 10:46

Instrument :

MSVOA_W

ClientSampleId :

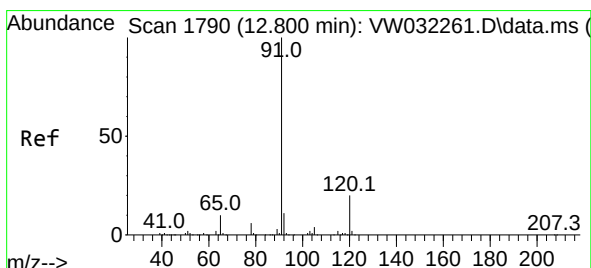
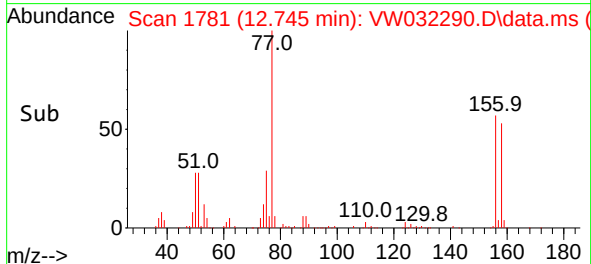
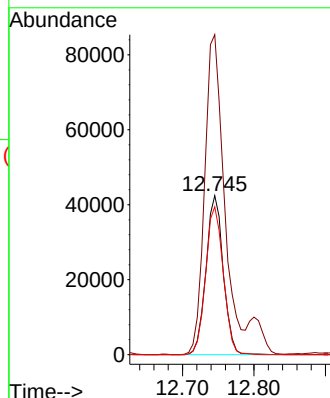
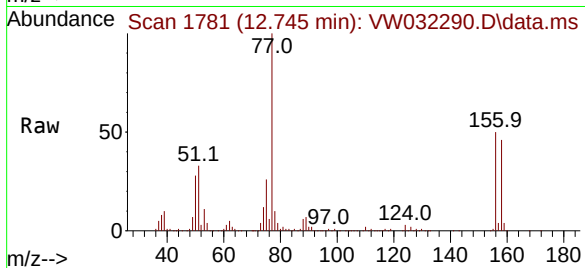
Tgt Ion:156 Resp: 71084

Ion Ratio Lower Upper

156 100

77 227.4 103.3 309.8

158 94.9 45.4 136.2



#78

n-propylbenzene

Concen: 21.159 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW032290.D

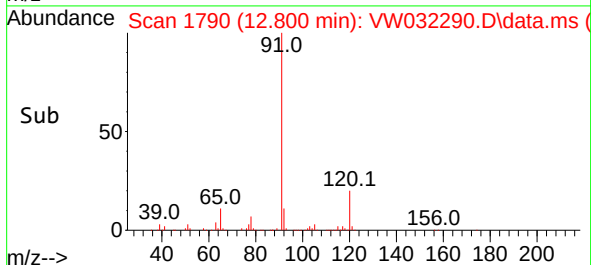
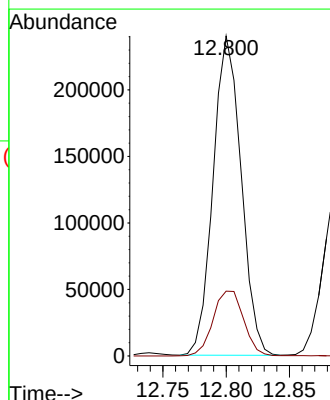
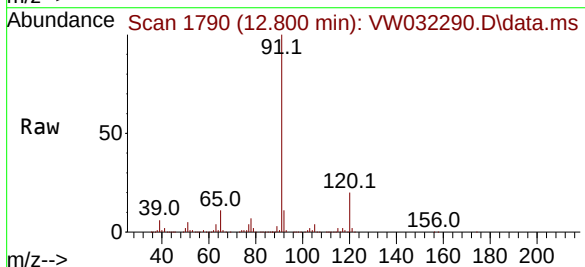
Acq: 29 Sep 2025 10:46

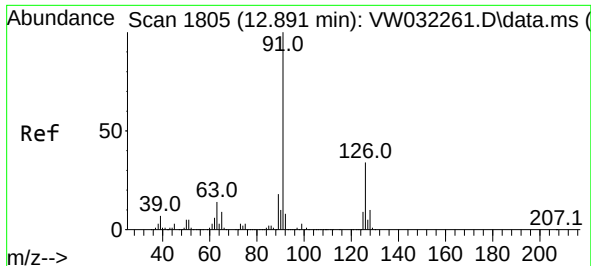
Tgt Ion: 91 Resp: 369686

Ion Ratio Lower Upper

91 100

120 22.2 10.9 32.9

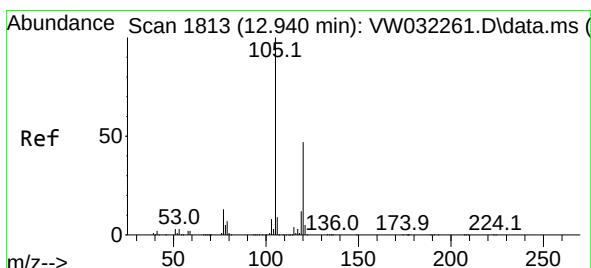
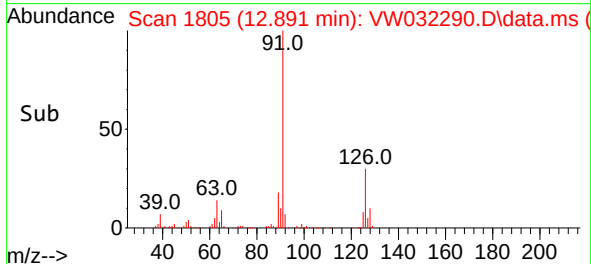
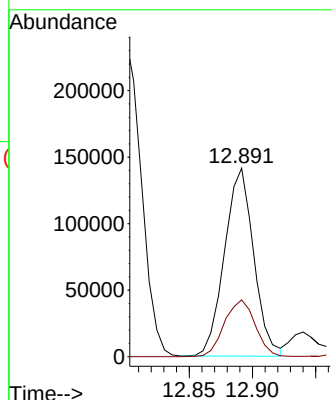
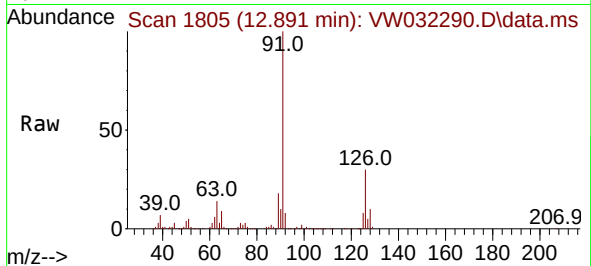




#79
2-Chlorotoluene
Concen: 21.478 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW032290.D
Acq: 29 Sep 2025 10:46

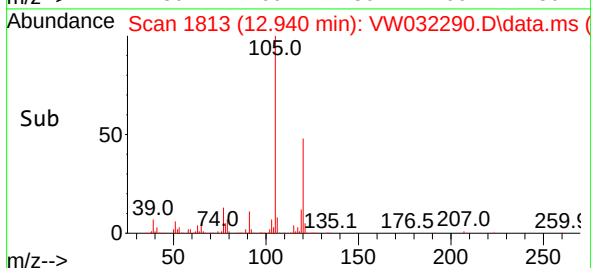
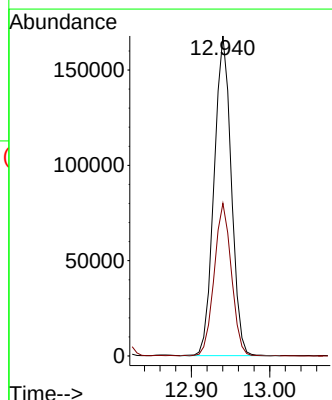
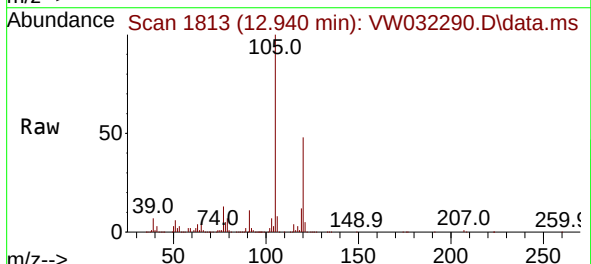
Instrument :
MSVOA_W
ClientSampleId :

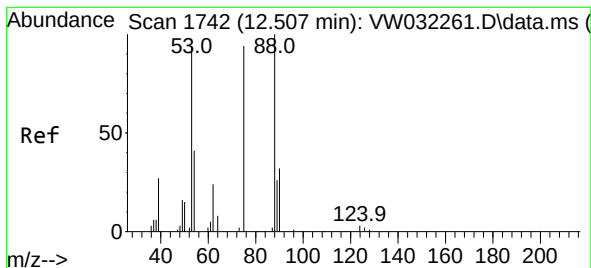
Tgt Ion: 91 Resp: 227323
Ion Ratio Lower Upper
91 100
126 31.9 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 21.501 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032290.D
Acq: 29 Sep 2025 10:46

Tgt Ion:105 Resp: 255690
Ion Ratio Lower Upper
105 100
120 47.6 24.1 72.2

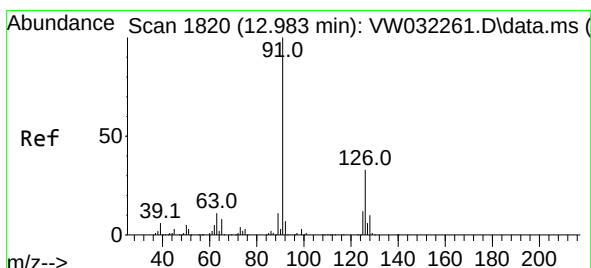
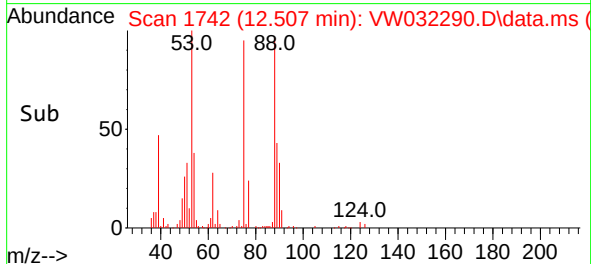
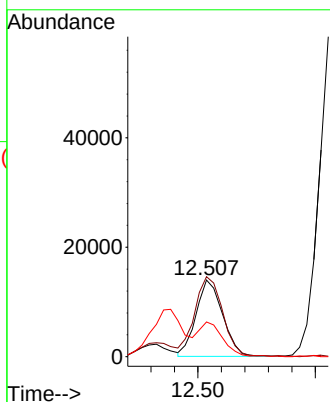
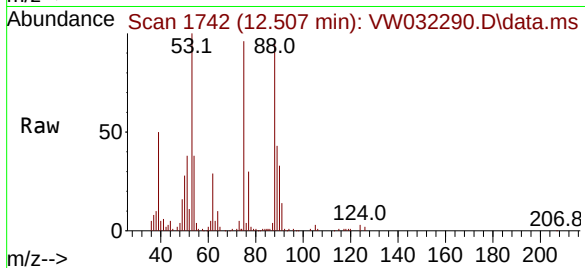




#81
trans-1,4-Dichloro-2-butene
Concen: 20.653 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VW032290.D
Acq: 29 Sep 2025 10:46

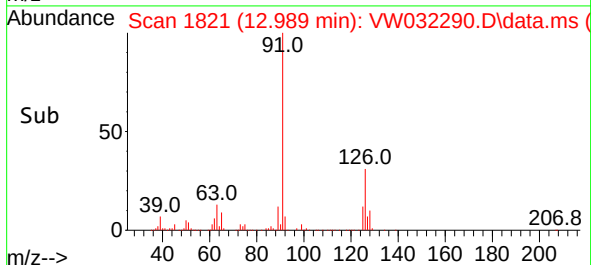
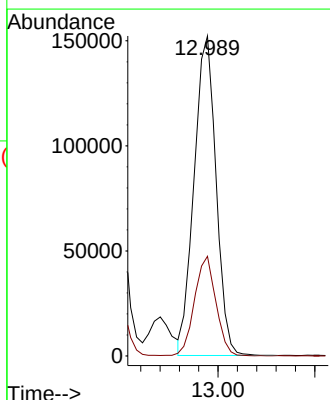
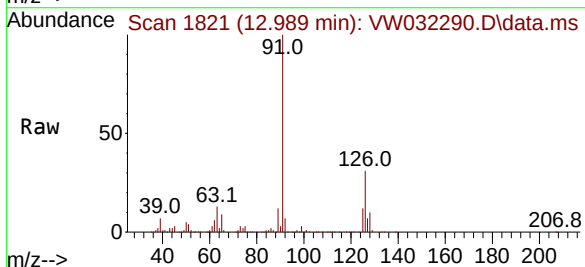
Instrument :
MSVOA_W
ClientSampleId :

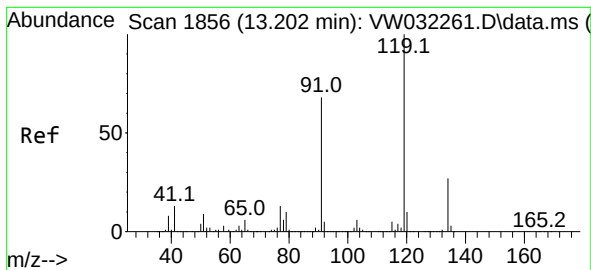
Tgt Ion: 75 Resp: 21861
Ion Ratio Lower Upper
75 100
53 109.9 81.4 122.2
89 41.4 35.4 53.2



#82
4-Chlorotoluene
Concen: 21.472 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW032290.D
Acq: 29 Sep 2025 10:46

Tgt Ion: 91 Resp: 240171
Ion Ratio Lower Upper
91 100
126 30.4 16.5 49.5

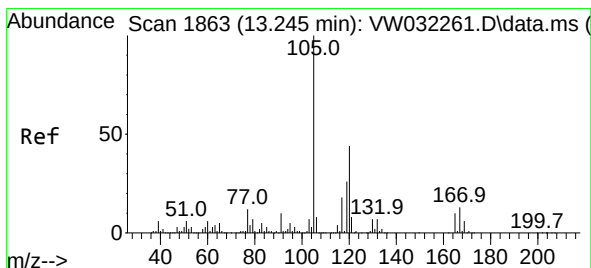
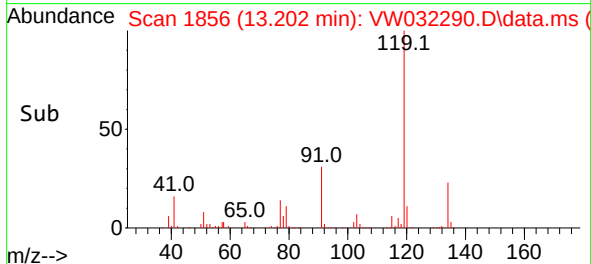
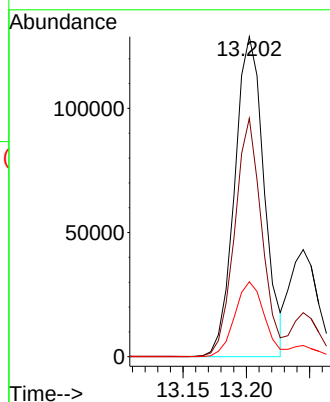
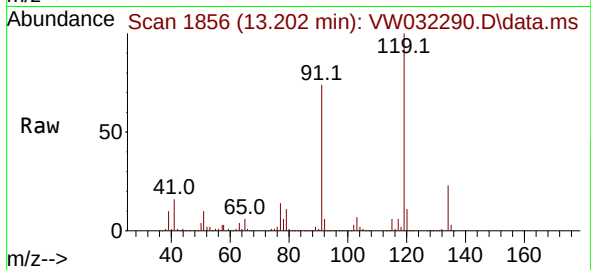




#83
tert-Butylbenzene
Concen: 21.007 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW032290.D
Acq: 29 Sep 2025 10:46

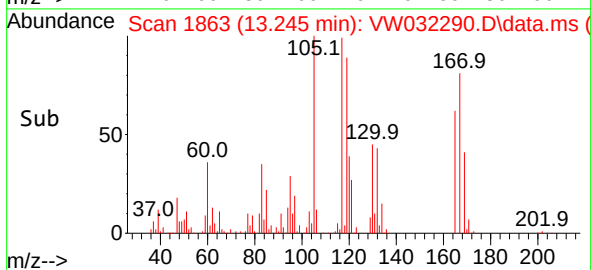
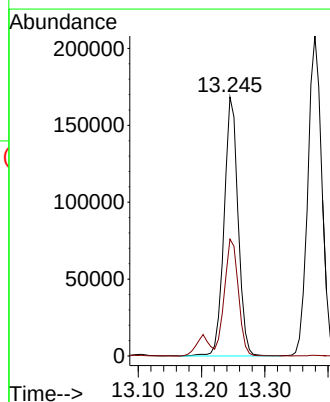
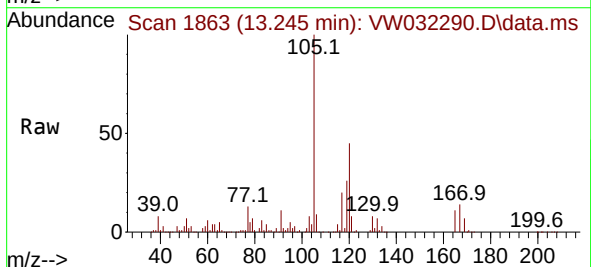
Instrument :
MSVOA_W
ClientSampleId :

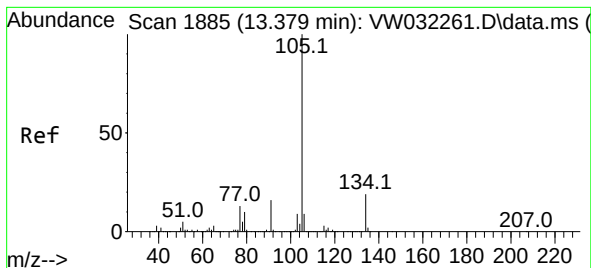
Tgt Ion:119 Resp: 208923
Ion Ratio Lower Upper
119 100
91 68.3 35.5 106.5
134 23.8 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 21.306 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032290.D
Acq: 29 Sep 2025 10:46

Tgt Ion:105 Resp: 257248
Ion Ratio Lower Upper
105 100
120 44.8 22.8 68.3





#85

sec-Butylbenzene

Concen: 21.274 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VW032290.D

Acq: 29 Sep 2025 10:46

Instrument :

MSVOA_W

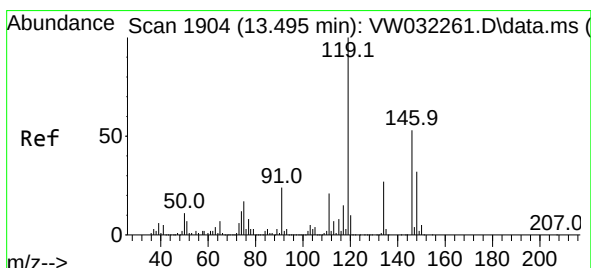
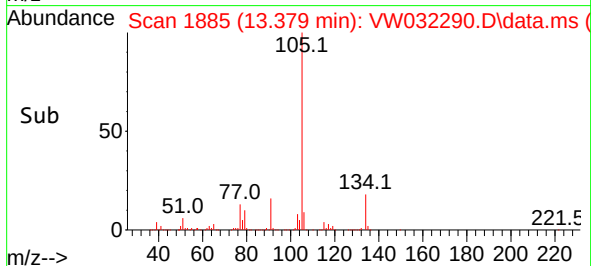
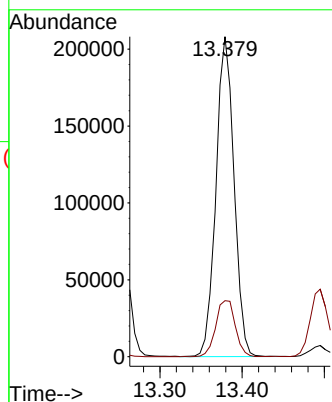
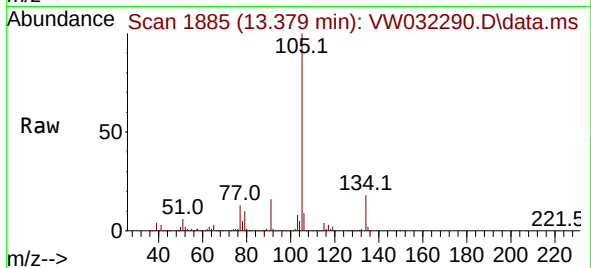
ClientSampleId :

Tgt Ion:105 Resp: 317730

Ion Ratio Lower Upper

105 100

134 19.1 9.8 29.5



#86

p-Isopropyltoluene

Concen: 21.704 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032290.D

Acq: 29 Sep 2025 10:46

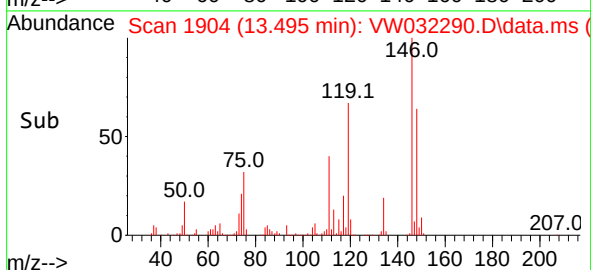
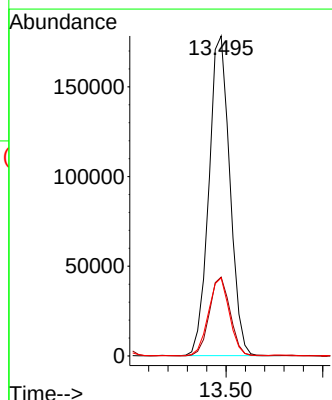
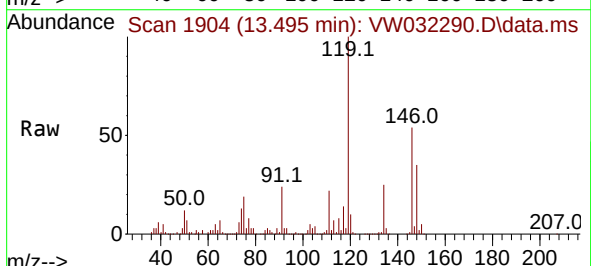
Tgt Ion:119 Resp: 268457

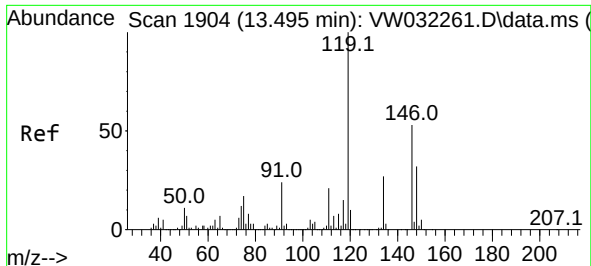
Ion Ratio Lower Upper

119 100

134 24.3 12.5 37.5

91 24.2 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 21.228 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032290.D

Acq: 29 Sep 2025 10:46

Instrument :

MSVOA_W

ClientSampleId :

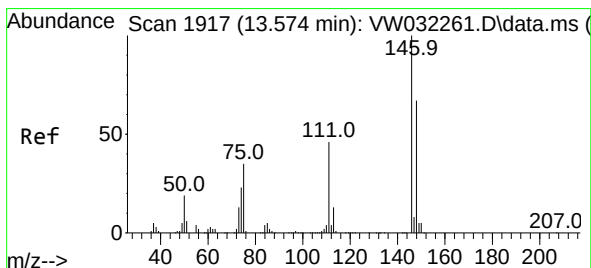
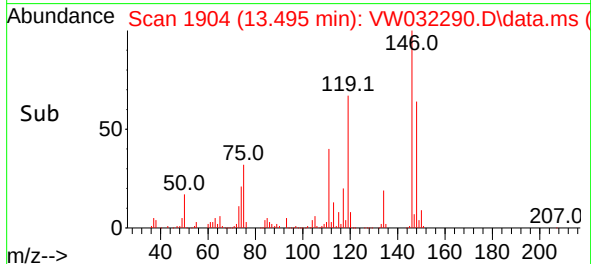
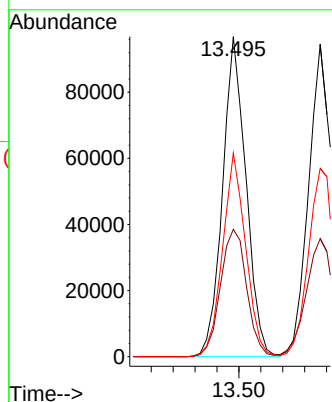
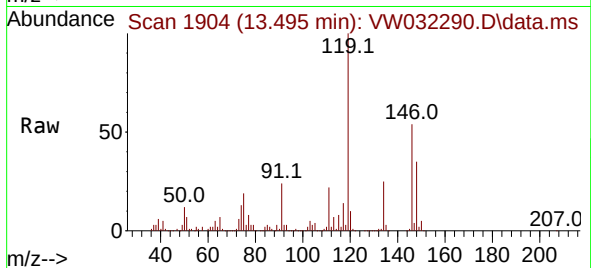
Tgt Ion:146 Resp: 143653

Ion Ratio Lower Upper

146 100

111 44.4 21.9 65.5

148 62.6 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 21.221 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032290.D

Acq: 29 Sep 2025 10:46

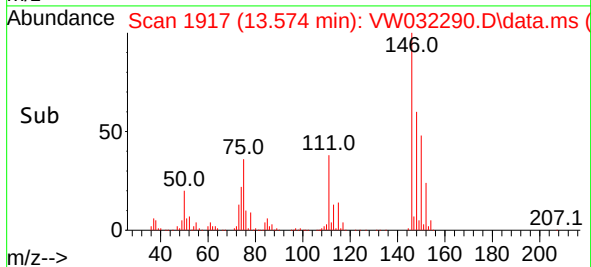
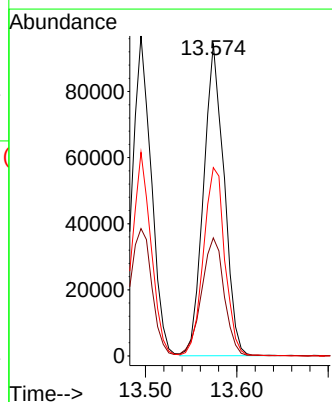
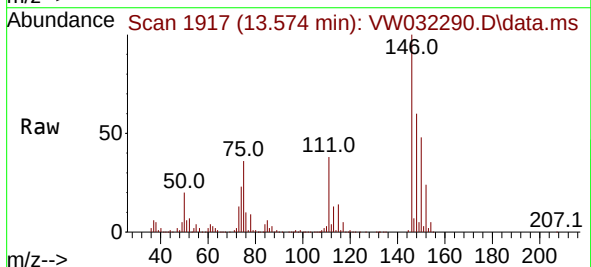
Tgt Ion:146 Resp: 146708

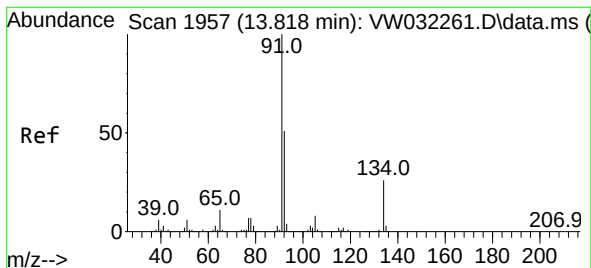
Ion Ratio Lower Upper

146 100

111 41.8 22.4 67.2

148 63.1 34.4 103.1





#89

n-Butylbenzene

Concen: 20.767 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032290.D

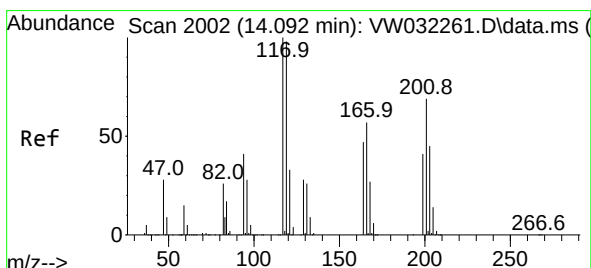
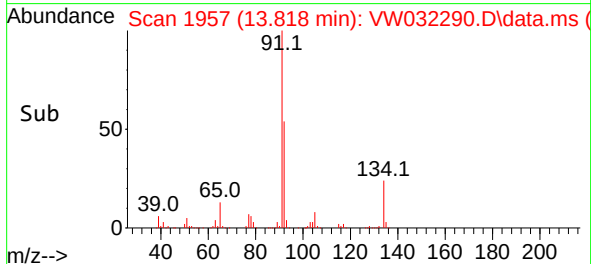
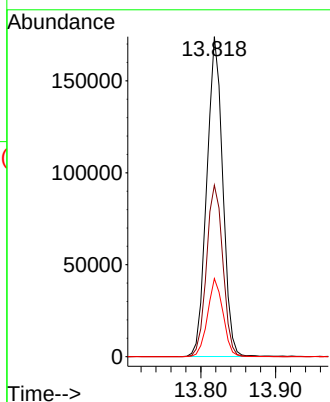
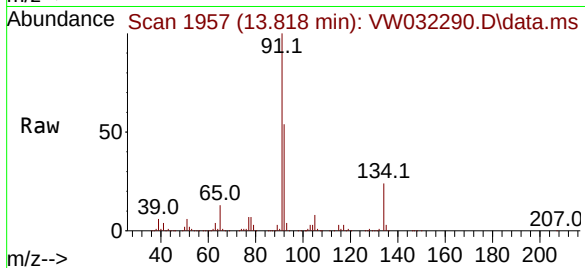
Acq: 29 Sep 2025 10:46

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	91	Resp:	257774
Ion	Ratio	Lower	Upper
91	100		
92	54.9	26.7	80.1
134	23.7	12.3	36.8



#90

Hexachloroethane

Concen: 21.109 ug/l

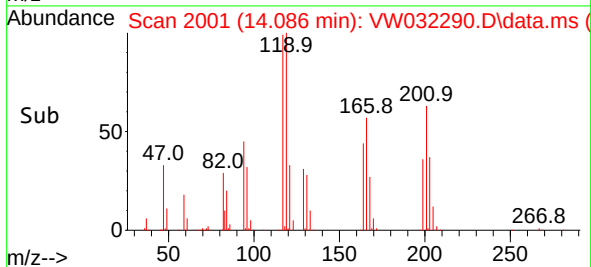
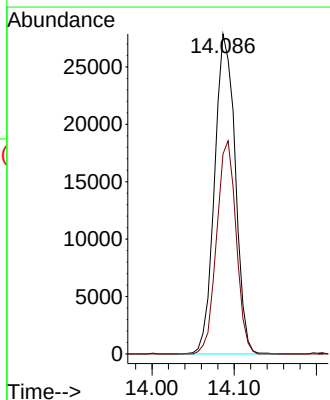
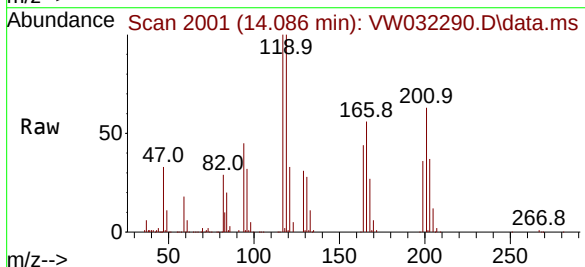
RT: 14.086 min Scan# 2001

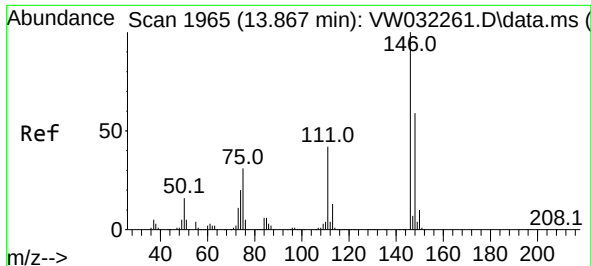
Delta R.T. -0.006 min

Lab File: VW032290.D

Acq: 29 Sep 2025 10:46

Tgt Ion:	117	Resp:	48662
Ion	Ratio	Lower	Upper
117	100		
201	62.9	31.4	94.0





#91

1,2-Dichlorobenzene

Concen: 20.667 ug/l

RT: 13.861 min Scan# 1965

Delta R.T. -0.006 min

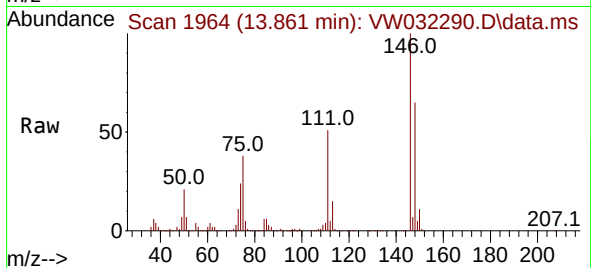
Lab File: VW032290.D

Acq: 29 Sep 2025 10:46

Instrument :

MSVOA_W

ClientSampleId :



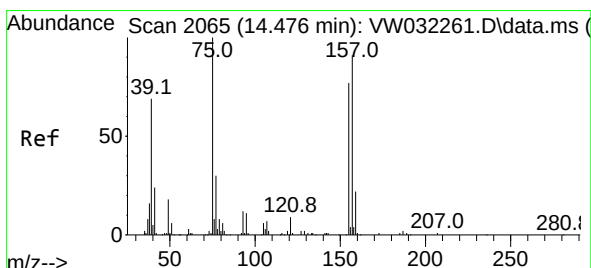
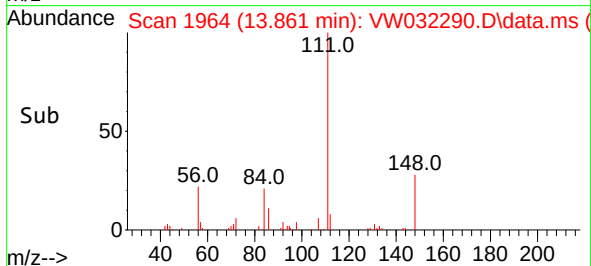
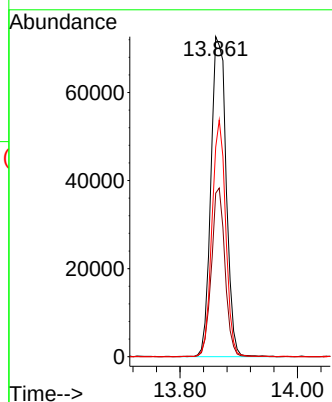
Tgt Ion:146 Resp: 130834

Ion Ratio Lower Upper

146 100

111 47.0 21.9 65.8

148 66.6 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.997 ug/l

RT: 14.477 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW032290.D

Acq: 29 Sep 2025 10:46

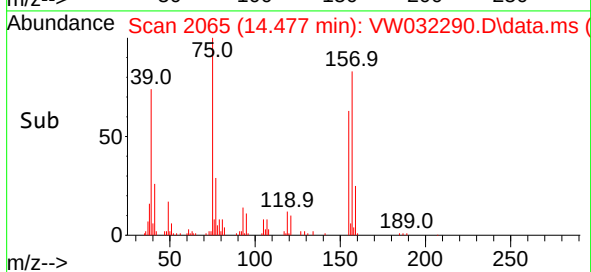
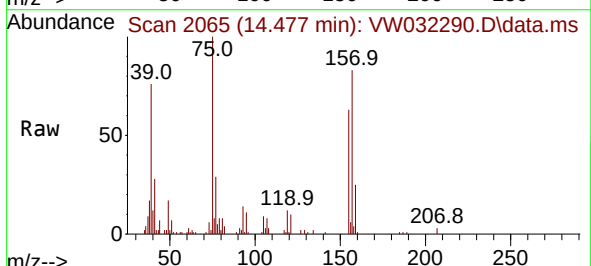
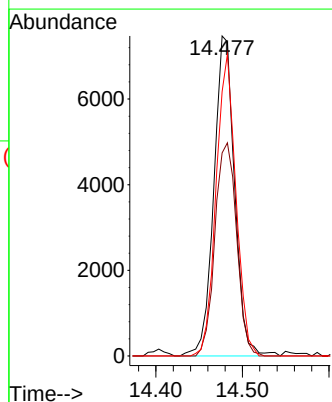
Tgt Ion: 75 Resp: 12474

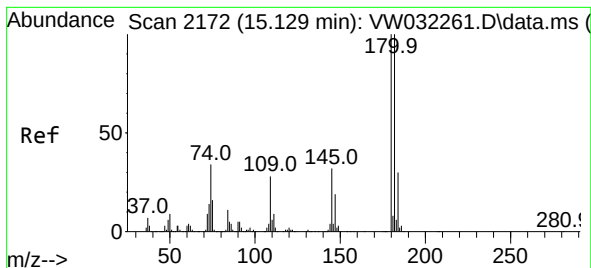
Ion Ratio Lower Upper

75 100

155 69.2 38.2 114.6

157 89.4 47.0 141.0





#93

1,2,4-Trichlorobenzene

Concen: 19.296 ug/l

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW032290.D

Acq: 29 Sep 2025 10:46

Instrument :

MSVOA_W

ClientSampleId :

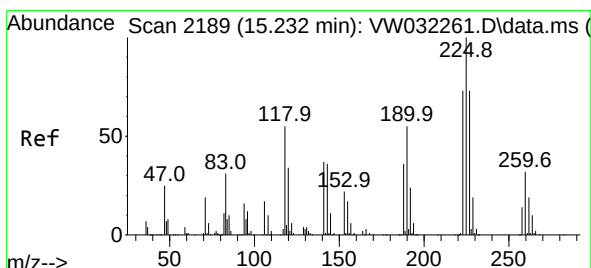
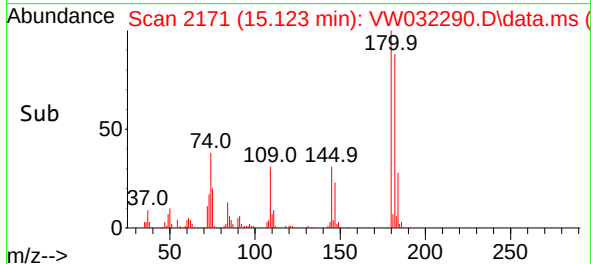
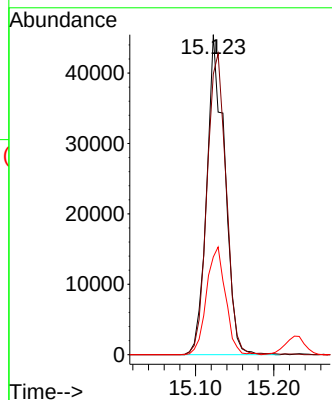
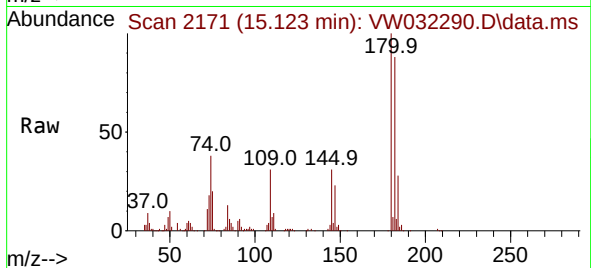
Tgt Ion:180 Resp: 72470

Ion Ratio Lower Upper

180 100

182 99.7 48.4 145.3

145 35.6 16.9 50.7



#94

Hexachlorobutadiene

Concen: 21.182 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. -0.006 min

Lab File: VW032290.D

Acq: 29 Sep 2025 10:46

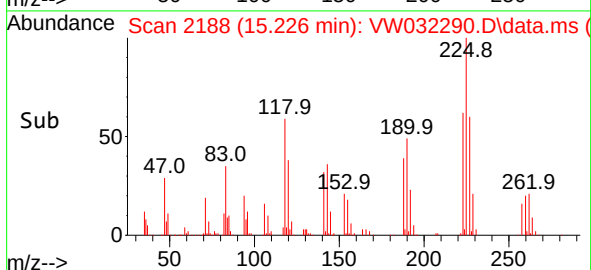
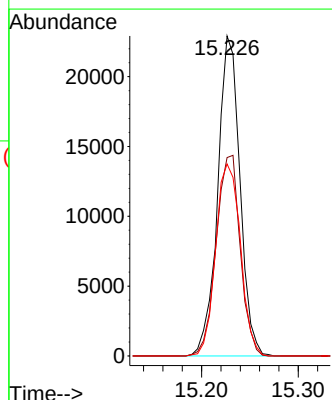
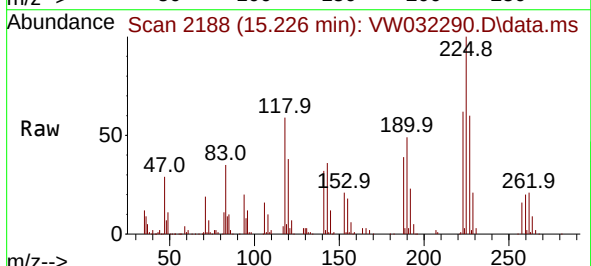
Tgt Ion:225 Resp: 36536

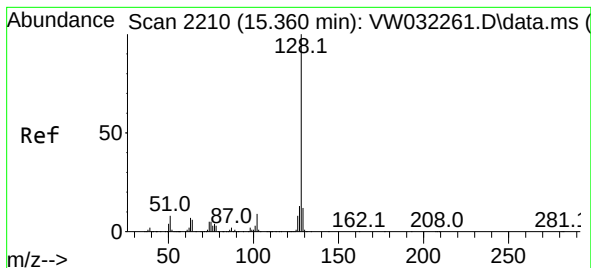
Ion Ratio Lower Upper

225 100

223 67.7 36.4 109.2

227 66.7 36.4 109.2





#95

Naphthalene

Concen: 19.541 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW032290.D

Acq: 29 Sep 2025 10:46

Instrument :

MSVOA_W

ClientSampleId :

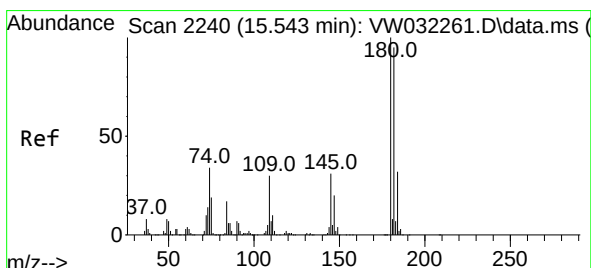
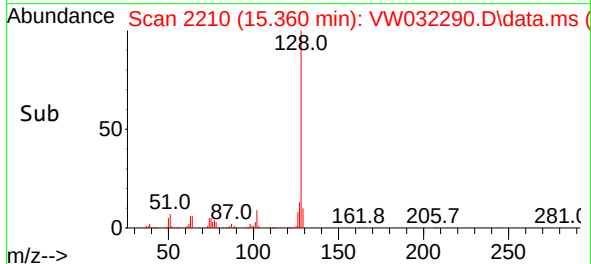
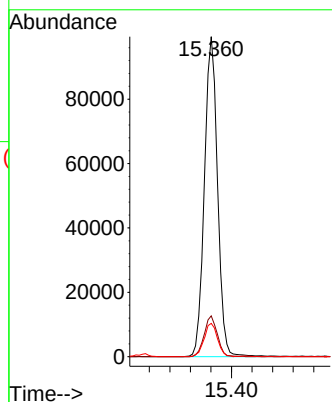
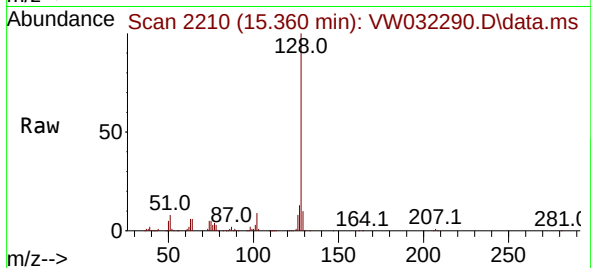
Tgt Ion:128 Resp: 176140

Ion Ratio Lower Upper

128 100

127 12.7 10.6 15.8

129 10.6 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 20.466 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW032290.D

Acq: 29 Sep 2025 10:46

Tgt Ion:180 Resp: 71468

Ion Ratio Lower Upper

180 100

182 92.1 45.5 136.4

145 35.4 18.1 54.1

