

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091825\
 Data File : VW032194.D
 Acq On : 18 Sep 2025 10:58
 Operator : SY/MD
 Sample : VW0918SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS01

Quant Time: Sep 19 04:31:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 27 04:13:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.953	168	188934	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.849	114	337869	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	309452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	167050	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.319	65	140246	51.904	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 103.800%	
35) Dibromofluoromethane	7.898	113	115150	48.577	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 97.160%	
50) Toluene-d8	10.325	98	406257	48.820	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 97.640%	
62) 4-Bromofluorobenzene	12.617	95	147229	47.846	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 95.700%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	31523	25.271	ug/l	92
3) Chloromethane	2.253	50	34534	26.405	ug/l	95
4) Vinyl Chloride	2.399	62	45046	26.518	ug/l	98
5) Bromomethane	2.820	94	39463	26.015	ug/l	99
6) Chloroethane	2.966	64	31451	26.290	ug/l	99
7) Trichlorofluoromethane	3.302	101	36592	21.741	ug/l	95
8) Diethyl Ether	3.722	74	29065	23.140	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.094	101	44344	23.388	ug/l	99
10) Methyl Iodide	4.308	142	64254	22.256	ug/l	98
11) Tert butyl alcohol	5.216	59	19162	115.940	ug/l #	69
12) 1,1-Dichloroethene	4.070	96	48129	24.103	ug/l	94
13) Acrolein	3.923	56	15695	61.778	ug/l	97
14) Allyl chloride	4.698	41	61414	21.653	ug/l	96
15) Acrylonitrile	5.399	53	67769	110.975	ug/l	97
16) Acetone	4.155	43	87630	149.750	ug/l	96
17) Carbon Disulfide	4.411	76	113109	22.648	ug/l	98
18) Methyl Acetate	4.704	43	38495	20.647	ug/l	97
19) Methyl tert-butyl Ether	5.460	73	82690	21.930	ug/l	93
20) Methylene Chloride	4.948	84	57527	21.452	ug/l	94
21) trans-1,2-Dichloroethene	5.454	96	48951	21.945	ug/l	93
22) Diisopropyl ether	6.338	45	138994	22.516	ug/l	94
23) Vinyl Acetate	6.283	43	480411	114.463	ug/l	100
24) 1,1-Dichloroethane	6.246	63	91006	22.519	ug/l	98
25) 2-Butanone	7.191	43	105756	127.538	ug/l	96
26) 2,2-Dichloropropane	7.179	77	49949	23.339	ug/l	100
27) cis-1,2-Dichloroethene	7.185	96	58434	21.528	ug/l	97
28) Bromochloromethane	7.526	49	42988	23.237	ug/l	94
29) Tetrahydrofuran	7.551	42	58309	110.657	ug/l	98
30) Chloroform	7.691	83	104395	22.625	ug/l	97
31) Cyclohexane	7.971	56	72317	21.802	ug/l	95
32) 1,1,1-Trichloroethane	7.886	97	74760	22.195	ug/l	98
36) 1,1-Dichloropropene	8.093	75	66789	21.731	ug/l	98
37) Ethyl Acetate	7.276	43	37994	20.607	ug/l	98
38) Carbon Tetrachloride	8.081	117	70751	21.473	ug/l	98
39) Methylcyclohexane	9.343	83	74597	20.491	ug/l	93
40) Benzene	8.331	78	204255	21.499	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	21087	20.586	ug/l	97
42) 1,2-Dichloroethane	8.410	62	72894	22.133	ug/l	99
43) Isopropyl Acetate	8.435	43	74483	21.534	ug/l	100
44) Trichloroethene	9.099	130	50077	20.960	ug/l	98
45) 1,2-Dichloropropane	9.374	63	50070	21.862	ug/l	97
46) Dibromomethane	9.465	93	35256	21.948	ug/l	94
47) Bromodichloromethane	9.648	83	77459	21.219	ug/l	94
48) Methyl methacrylate	9.441	41	32629	20.470	ug/l	96
49) 1,4-Dioxane	9.465	88	7630	393.128	ug/l #	76
51) 4-Methyl-2-Pentanone	10.209	43	210892	107.979	ug/l	97
52) Toluene	10.386	92	131226	21.137	ug/l	100
53) t-1,3-Dichloropropene	10.605	75	66890	20.771	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	77314	21.041	ug/l	94
55) 1,1,2-Trichloroethane	10.788	97	43420	20.787	ug/l	98
56) Ethyl methacrylate	10.648	69	54647	20.463	ug/l	98
57) 1,3-Dichloropropane	10.934	76	74073	21.178	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	145379	101.992	ug/l	99
59) 2-Hexanone	10.971	43	154797	113.962	ug/l	97
60) Dibromochloromethane	11.129	129	51744	20.472	ug/l	99
61) 1,2-Dibromoethane	11.233	107	43010	20.938	ug/l	100
64) Tetrachloroethene	10.861	164	42451	20.843	ug/l	90
65) Chlorobenzene	11.660	112	143722	20.405	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.733	131	48397	20.870	ug/l	98
67) Ethyl Benzene	11.733	91	243181	21.072	ug/l	97
68) m/p-Xylenes	11.837	106	190841	42.968	ug/l	99
69) o-Xylene	12.166	106	87276	20.774	ug/l	99
70) Styrene	12.178	104	159510	21.538	ug/l	97
71) Bromoform	12.349	173	27999	20.329	ug/l #	95
73) Isopropylbenzene	12.458	105	224333	19.767	ug/l	99
74) N-amyl acetate	12.269	43	66282	20.117	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.715	83	55774	20.680	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	69103	33.019	ug/l	38
77) Bromobenzene	12.745	156	55123	19.047	ug/l	94
78) n-propylbenzene	12.800	91	290389	21.076	ug/l	97
79) 2-Chlorotoluene	12.891	91	169944	20.170	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	192506	20.035	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.507	75	15816	20.348	ug/l	94
82) 4-Chlorotoluene	12.989	91	179242	19.874	ug/l	100
83) tert-Butylbenzene	13.202	119	163718	20.095	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	191662	19.280	ug/l	97
85) sec-Butylbenzene	13.379	105	246386	20.256	ug/l	98
86) p-Isopropyltoluene	13.495	119	206869	19.998	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	118778	20.384	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	114009	19.520	ug/l	98
89) n-Butylbenzene	13.818	91	202900	20.574	ug/l	95
90) Hexachloroethane	14.086	117	38291	20.237	ug/l	92
91) 1,2-Dichlorobenzene	13.867	146	103744	20.109	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.483	75	9516	19.972	ug/l	93
93) 1,2,4-Trichlorobenzene	15.123	180	61997	18.809	ug/l	99
94) Hexachlorobutadiene	15.232	225	29268	17.904	ug/l	94
95) Naphthalene	15.360	128	132717	17.791	ug/l	97
96) 1,2,3-Trichlorobenzene	15.549	180	58764	19.170	ug/l	98

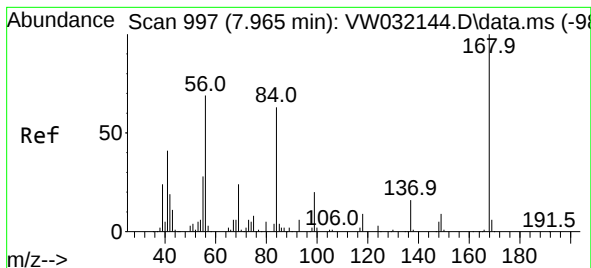
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QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

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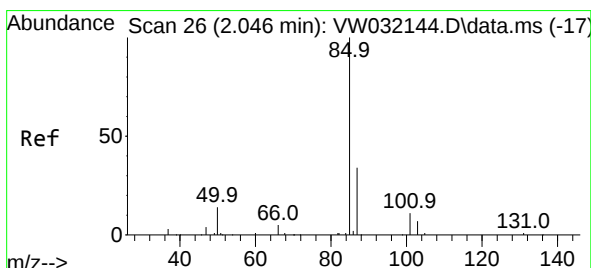
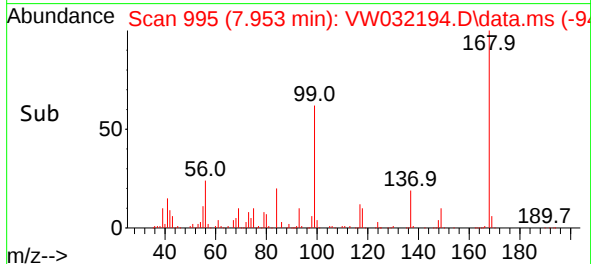
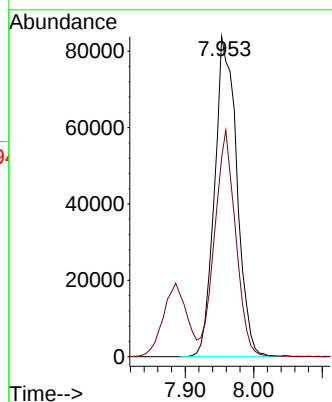
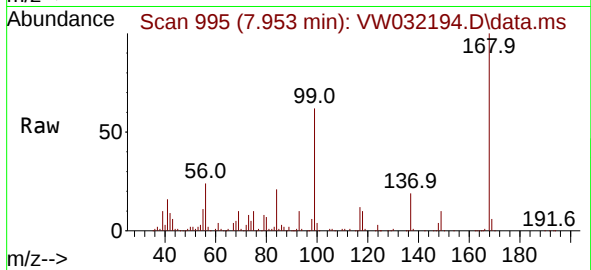
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.953 min Scan# 99
Delta R.T. -0.012 min
Lab File: VW032194.D
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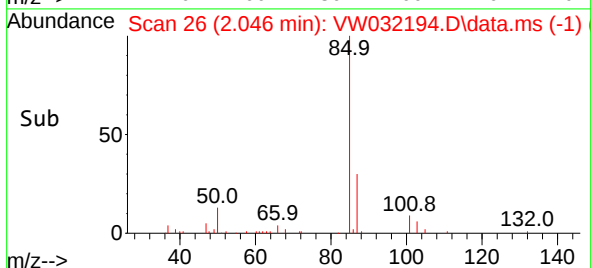
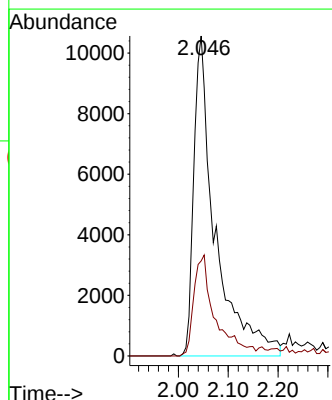
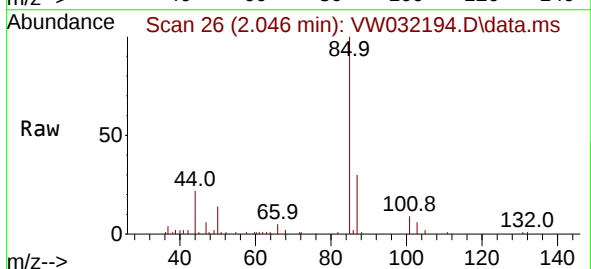
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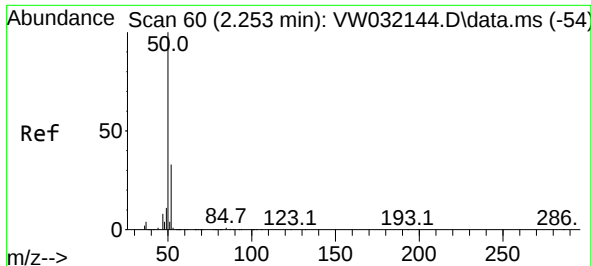
Tgt Ion:168 Resp: 188934
Ion Ratio Lower Upper
168 100
99 62.0 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 25.271 ug/l
RT: 2.046 min Scan# 26
Delta R.T. -0.000 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

Tgt Ion: 85 Resp: 31523
Ion Ratio Lower Upper
85 100
87 29.7 17.2 51.6

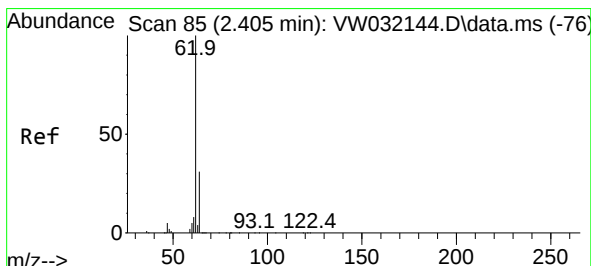
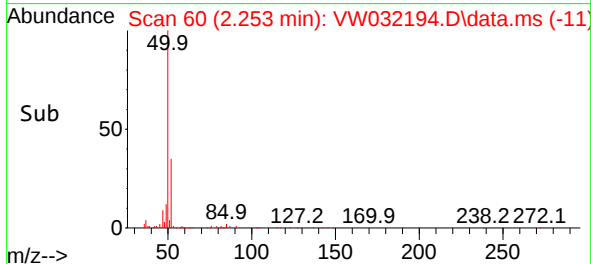
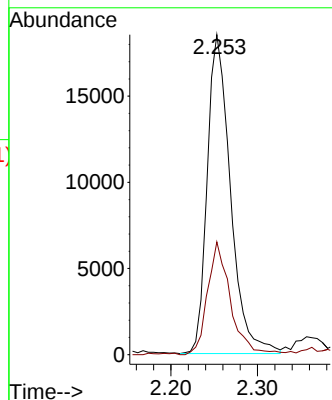
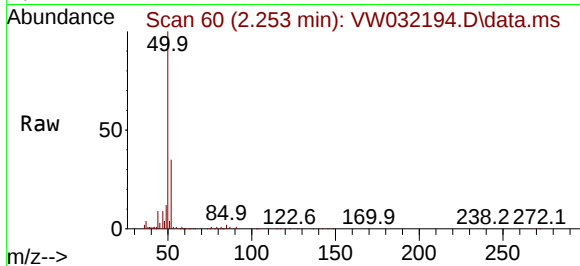




#3
Chloromethane
Concen: 26.405 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.000 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

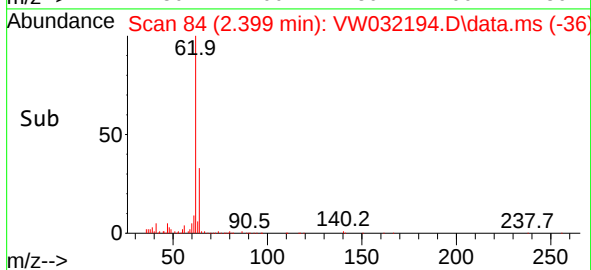
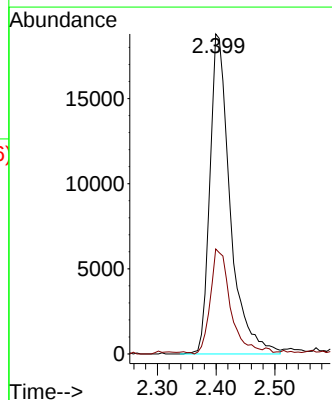
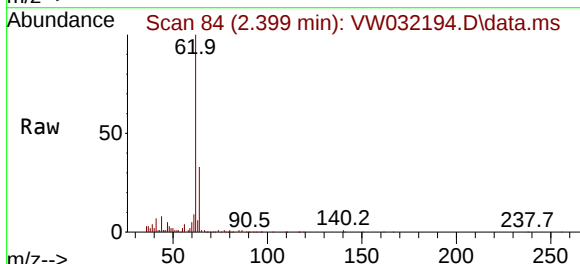
Instrument :
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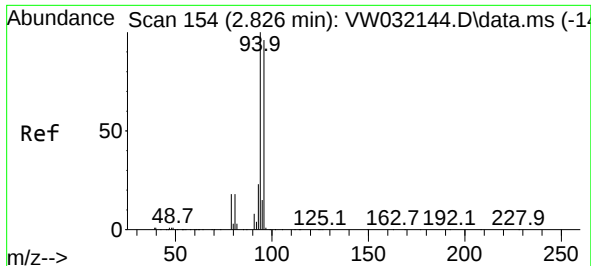
Tgt Ion: 50 Resp: 34534
Ion Ratio Lower Upper
50 100
52 35.4 26.1 39.1



#4
Vinyl Chloride
Concen: 26.518 ug/l
RT: 2.399 min Scan# 84
Delta R.T. -0.006 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

Tgt Ion: 62 Resp: 45046
Ion Ratio Lower Upper
62 100
64 32.2 24.8 37.2

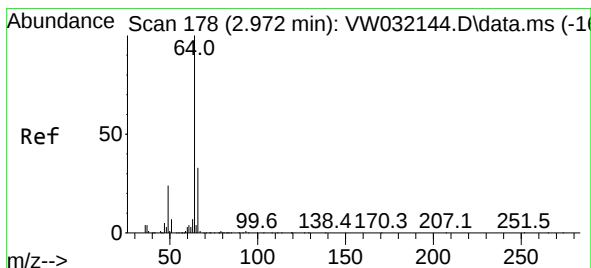
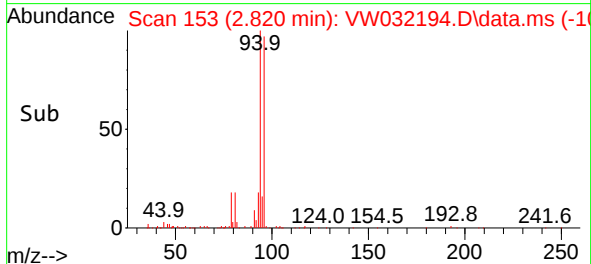
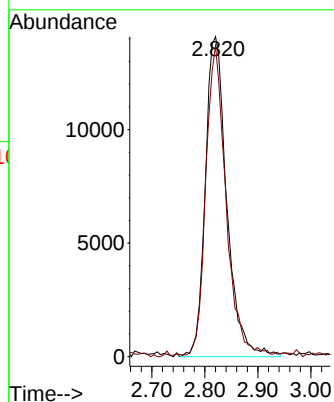
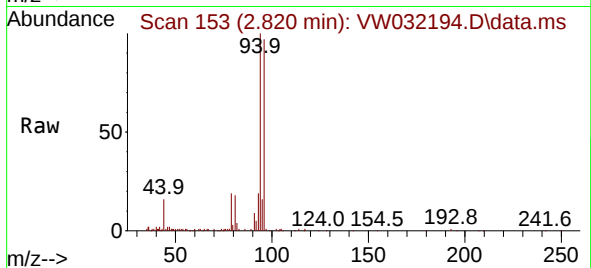




#5
Bromomethane
Concen: 26.015 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

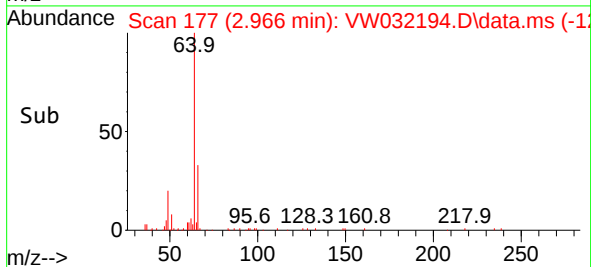
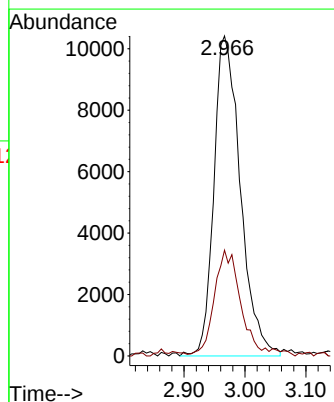
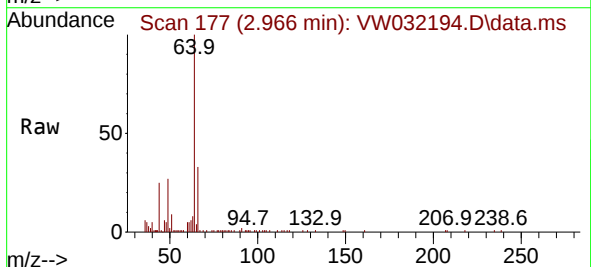
Instrument :
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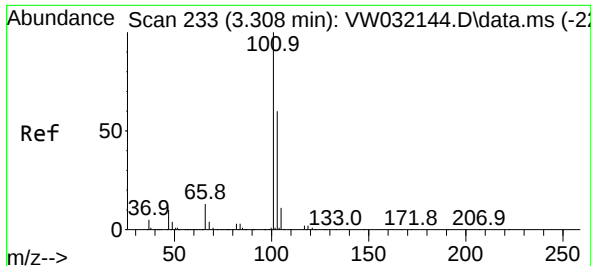
Tgt Ion: 94 Resp: 39463
Ion Ratio Lower Upper
94 100
96 96.5 76.6 115.0



#6
Chloroethane
Concen: 26.290 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

Tgt Ion: 64 Resp: 31451
Ion Ratio Lower Upper
64 100
66 32.1 26.2 39.4

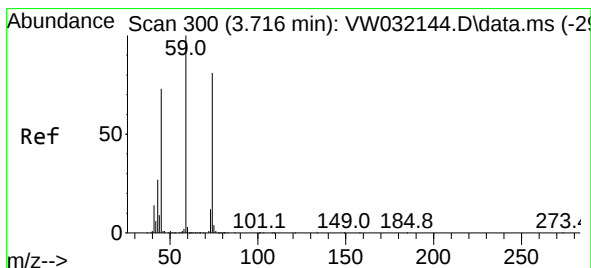
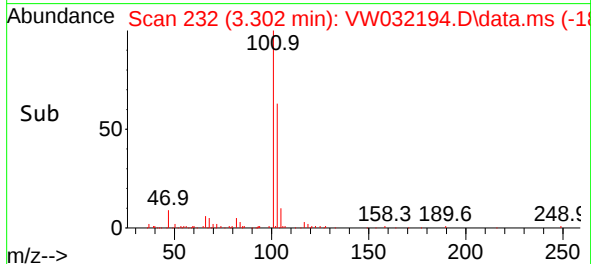
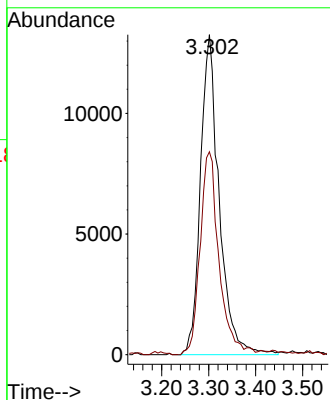
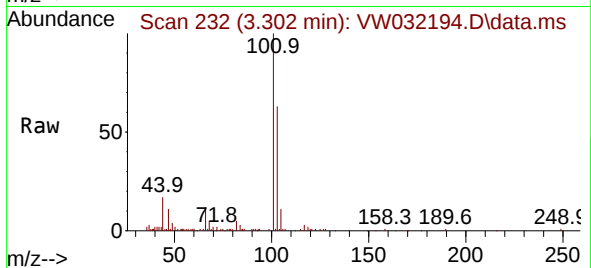




#7
 Trichlorofluoromethane
 Concen: 21.741 ug/l
 RT: 3.302 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW032194.D
 Acq: 18 Sep 2025 10:58

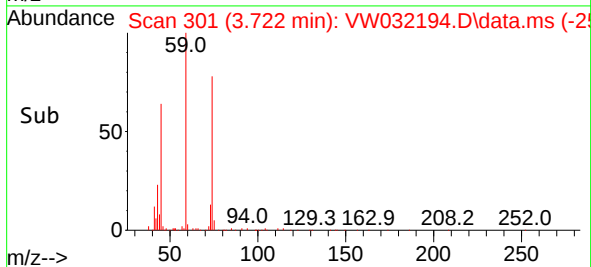
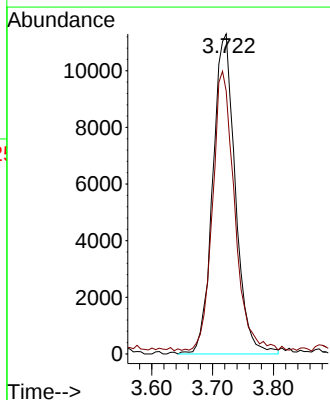
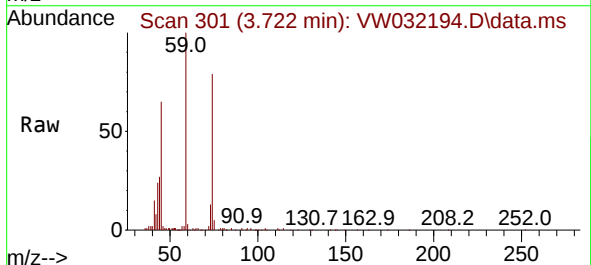
Instrument :
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 ClientSampleId :
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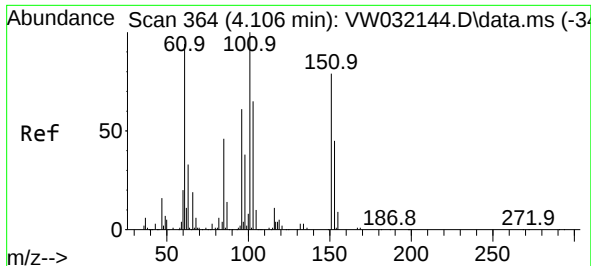
Tgt Ion:101 Resp: 36592
 Ion Ratio Lower Upper
 101 100
 103 63.4 47.8 71.8



#8
 Diethyl Ether
 Concen: 23.140 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.006 min
 Lab File: VW032194.D
 Acq: 18 Sep 2025 10:58

Tgt Ion: 74 Resp: 29065
 Ion Ratio Lower Upper
 74 100
 45 84.8 43.1 129.4

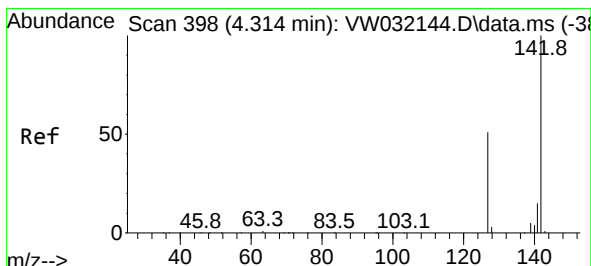
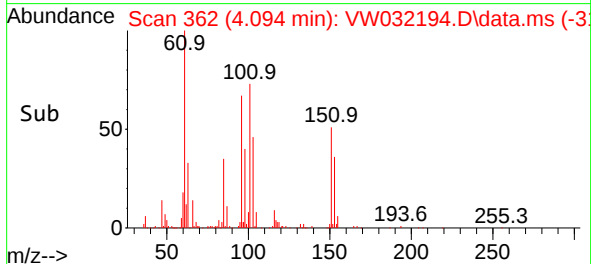
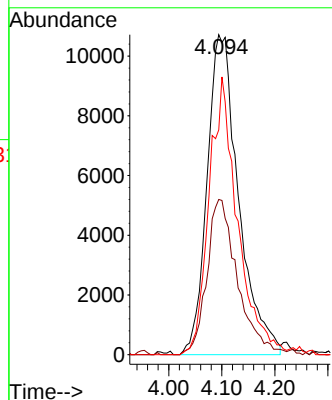
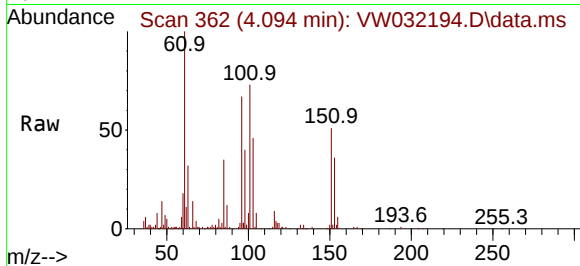




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.388 ug/l
RT: 4.094 min Scan# 362
Delta R.T. -0.012 min
Lab File: VW032194.D
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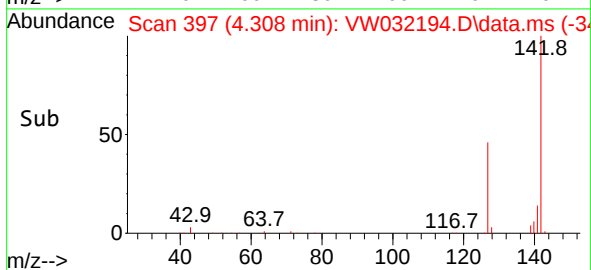
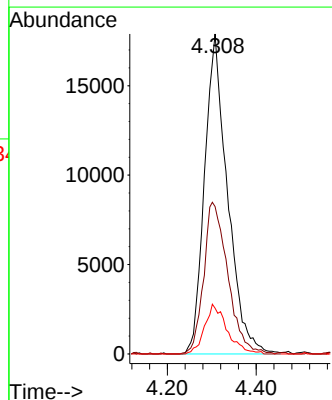
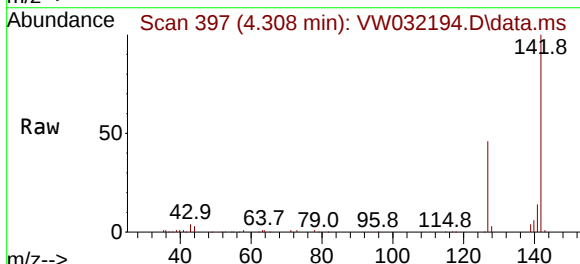
Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

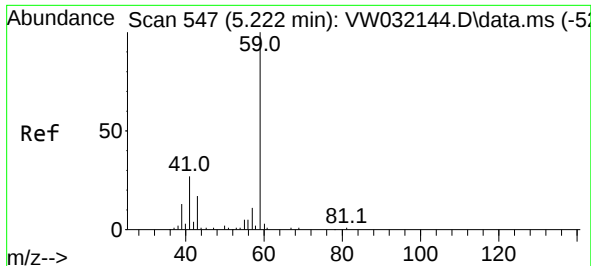
Tgt Ion:101 Resp: 44344
Ion Ratio Lower Upper
101 100
85 47.1 37.1 55.7
151 78.1 61.5 92.3



#10
Methyl Iodide
Concen: 22.256 ug/l
RT: 4.308 min Scan# 397
Delta R.T. -0.006 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

Tgt Ion:142 Resp: 64254
Ion Ratio Lower Upper
142 100
127 49.7 38.2 57.2
141 15.3 12.2 18.2

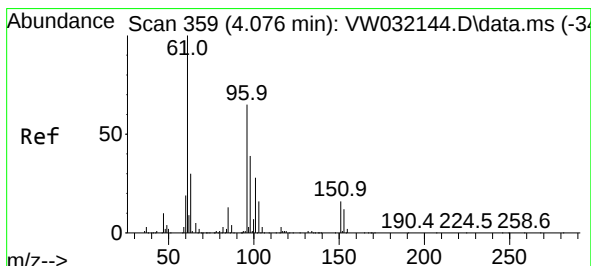
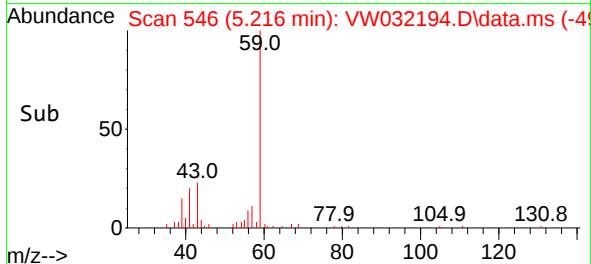
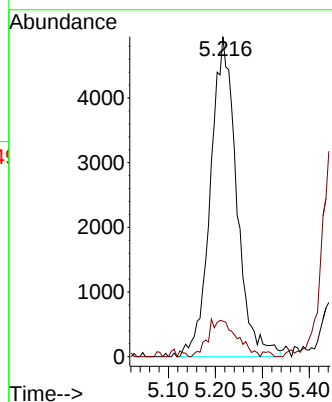
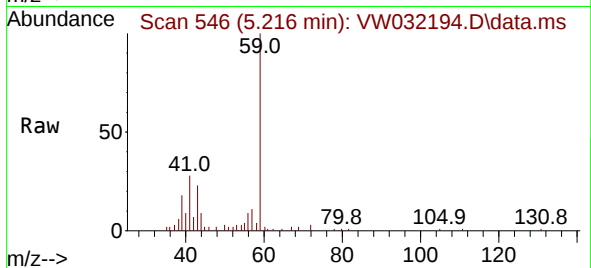




#11
Tert butyl alcohol
Concen: 115.940 ug/l
RT: 5.216 min Scan# 547
Delta R.T. -0.006 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

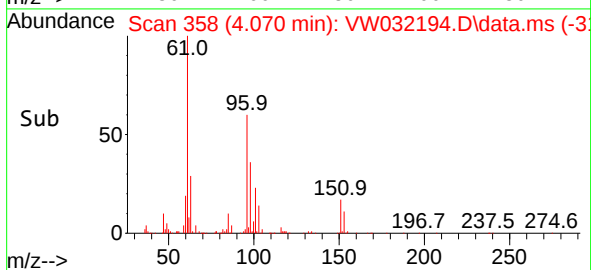
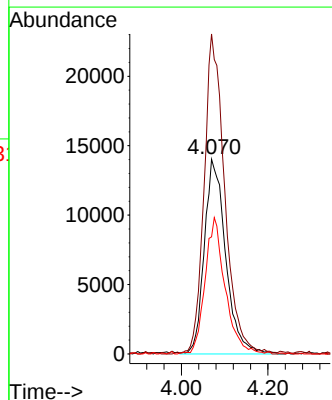
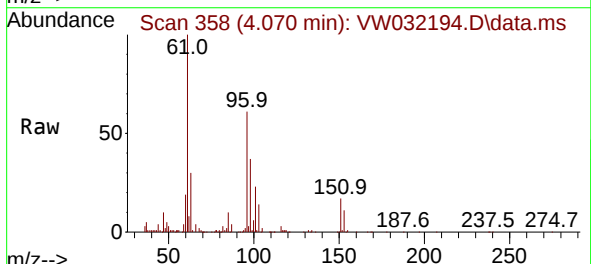
Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

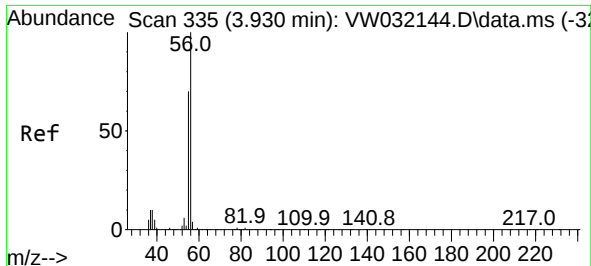
Tgt Ion: 59 Resp: 19162
Ion Ratio Lower Upper
59 100
57 0.0 9.8 14.6#



#12
1,1-Dichloroethene
Concen: 24.103 ug/l
RT: 4.070 min Scan# 358
Delta R.T. -0.006 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

Tgt Ion: 96 Resp: 48129
Ion Ratio Lower Upper
96 100
61 163.8 123.0 184.4
98 59.7 48.5 72.7

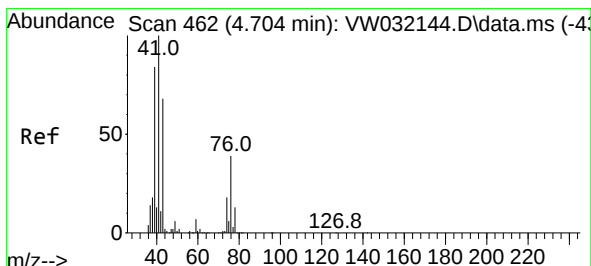
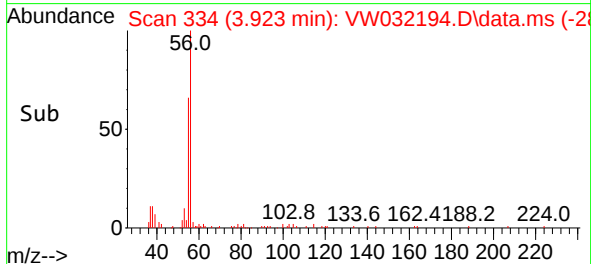
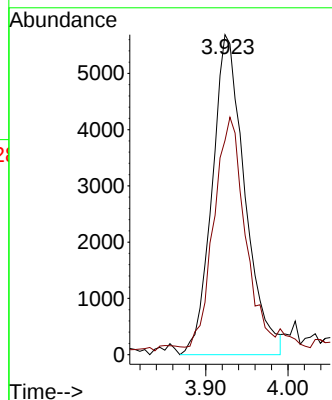
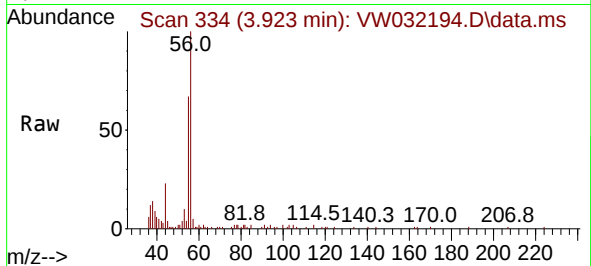




#13
Acrolein
Concen: 61.778 ug/l
RT: 3.923 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

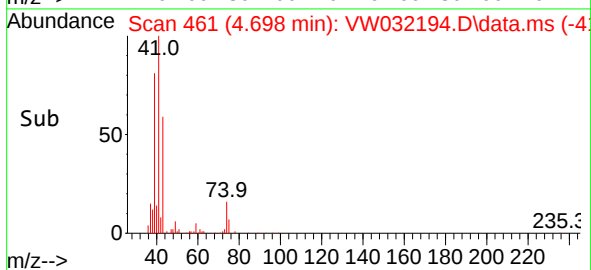
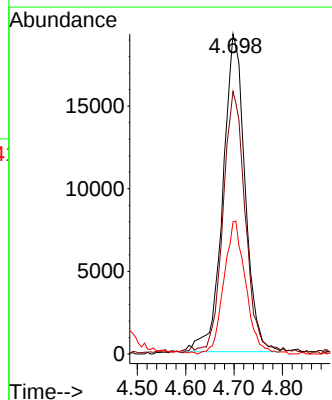
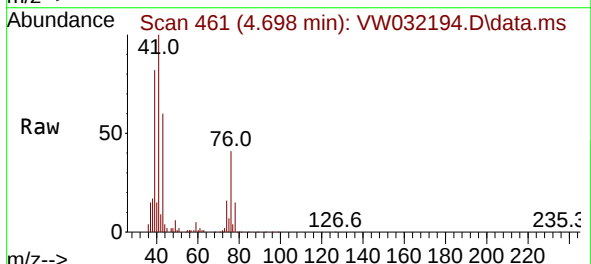
Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

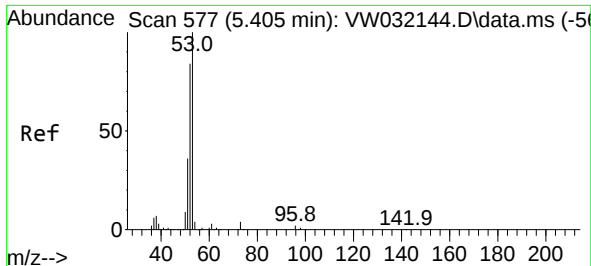
Tgt Ion: 56 Resp: 15695
Ion Ratio Lower Upper
56 100
55 68.0 56.4 84.6



#14
Allyl chloride
Concen: 21.653 ug/l
RT: 4.698 min Scan# 461
Delta R.T. -0.006 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

Tgt Ion: 41 Resp: 61414
Ion Ratio Lower Upper
41 100
39 84.4 64.1 96.1
76 41.2 31.4 47.2



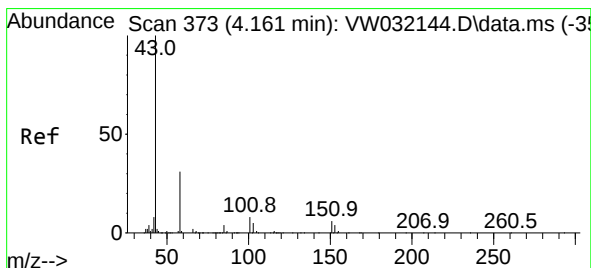
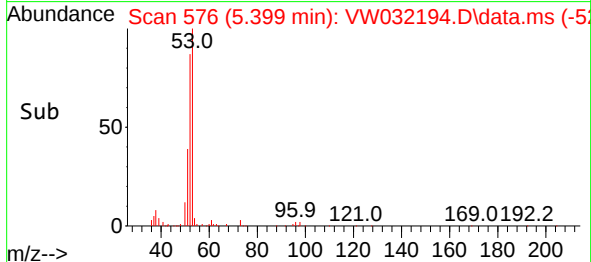
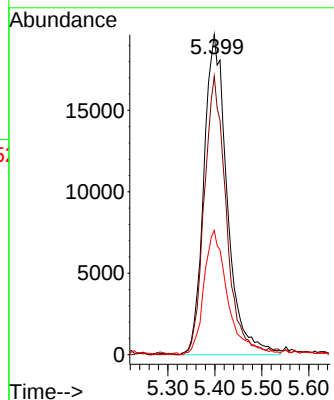
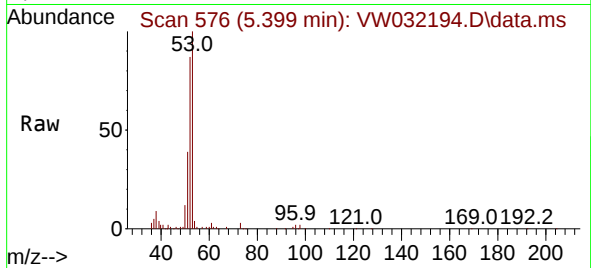


#15
Acrylonitrile
Concen: 110.975 ug/l
RT: 5.399 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

Tgt Ion: 53 Resp: 67769

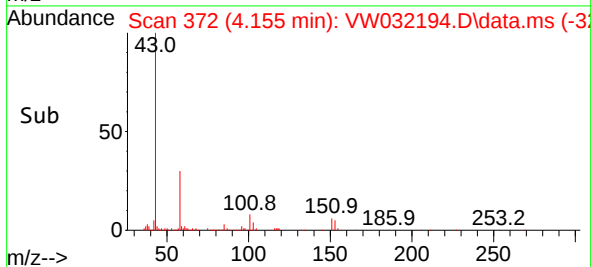
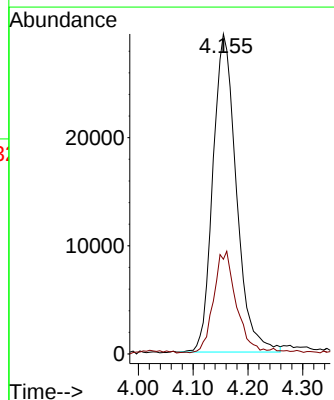
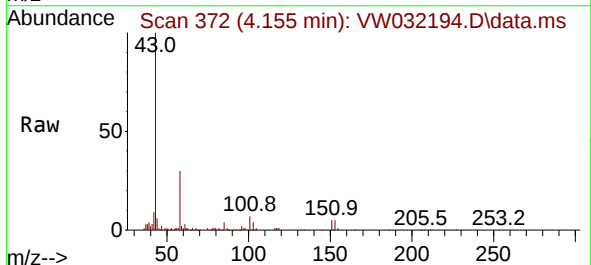
Ion	Ratio	Lower	Upper
53	100		
52	81.8	67.4	101.2
51	39.7	30.3	45.5

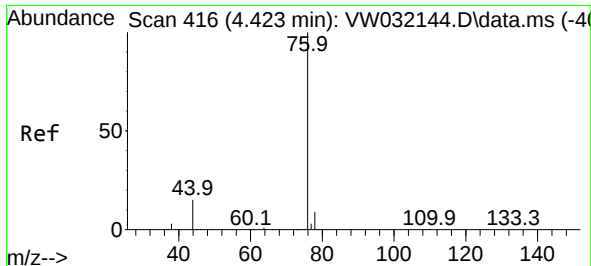


#16
Acetone
Concen: 149.750 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.006 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

Tgt Ion: 43 Resp: 87630

Ion	Ratio	Lower	Upper
43	100		
58	29.3	25.3	37.9

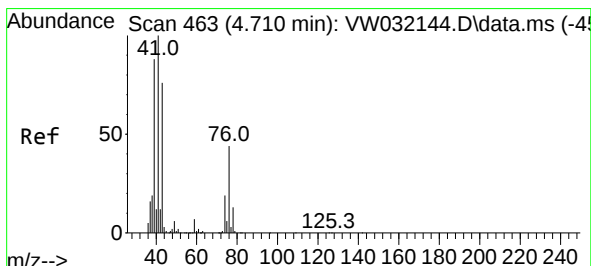
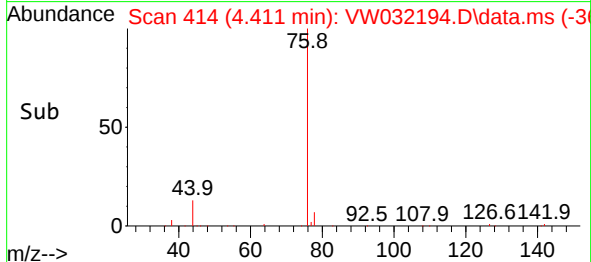
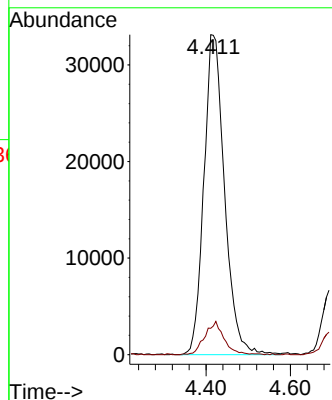
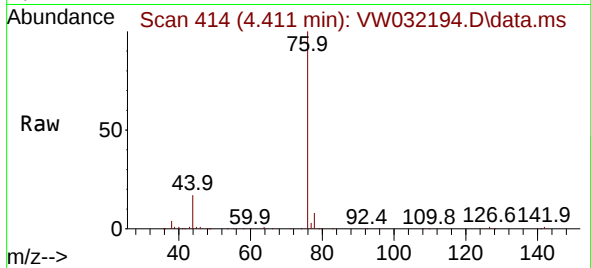




#17
Carbon Disulfide
Concen: 22.648 ug/l
RT: 4.411 min Scan# 411
Delta R.T. -0.012 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

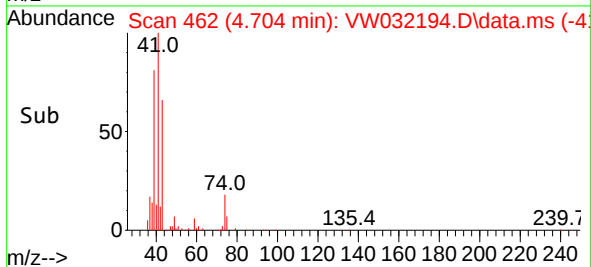
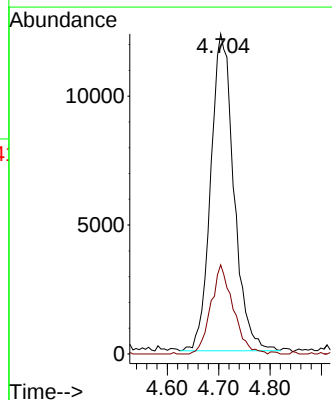
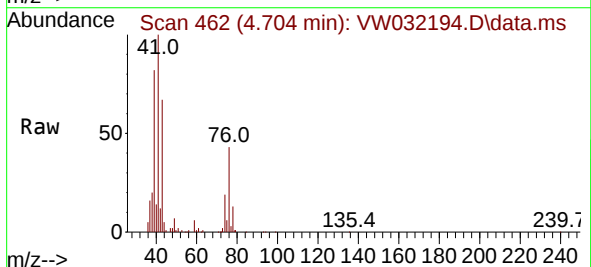
Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

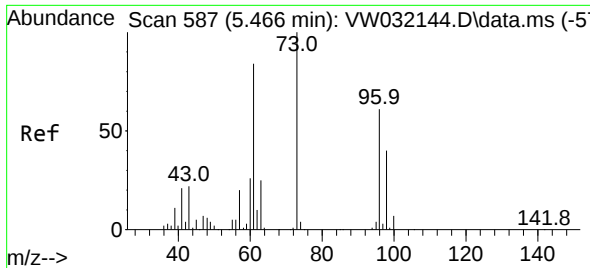
Tgt Ion: 76 Resp: 113109
Ion Ratio Lower Upper
76 100
78 8.2 7.0 10.6



#18
Methyl Acetate
Concen: 20.647 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

Tgt Ion: 43 Resp: 38495
Ion Ratio Lower Upper
43 100
74 27.0 20.2 30.4

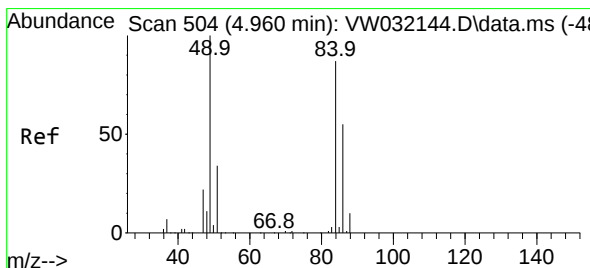
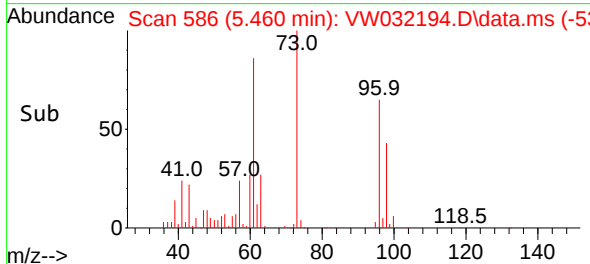
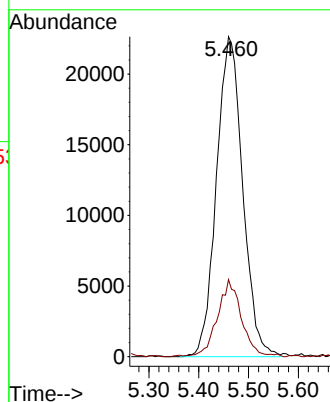
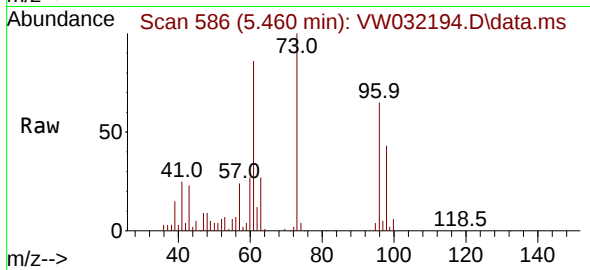




#19
Methyl tert-butyl Ether
Concen: 21.930 ug/l
RT: 5.460 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

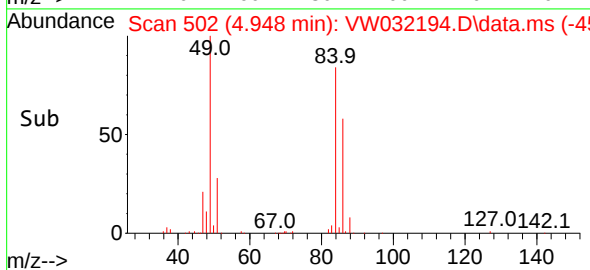
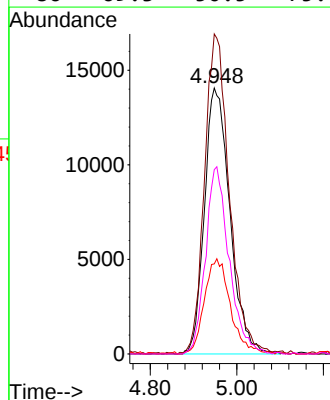
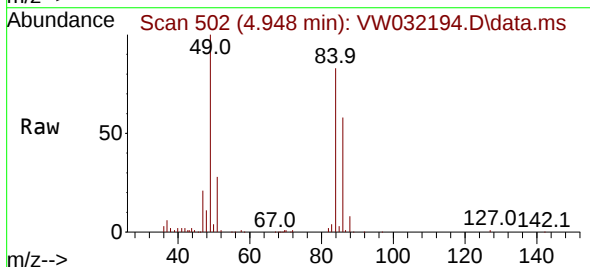
Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

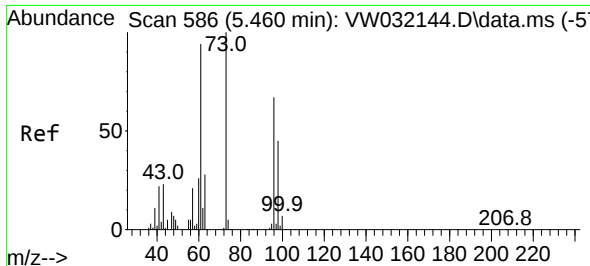
Tgt Ion: 73 Resp: 82690
Ion Ratio Lower Upper
73 100
57 23.6 16.2 24.4



#20
Methylene Chloride
Concen: 21.452 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.012 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

Tgt Ion: 84 Resp: 57527
Ion Ratio Lower Upper
84 100
49 119.7 92.2 138.4
51 33.9 31.0 46.6
86 69.3 50.5 75.7

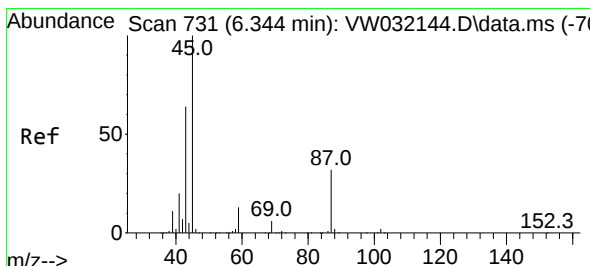
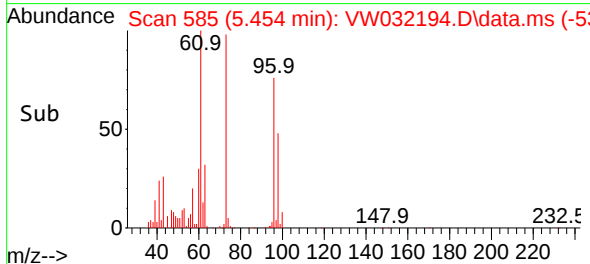
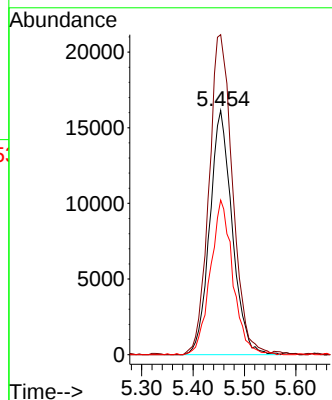
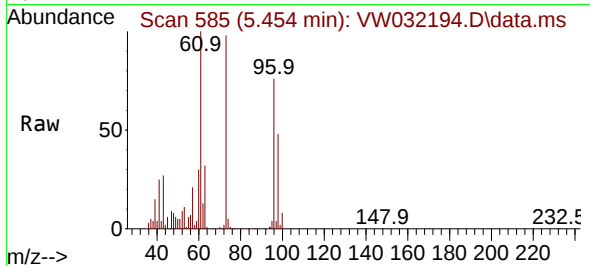




#21
trans-1,2-Dichloroethene
Concen: 21.945 ug/l
RT: 5.454 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

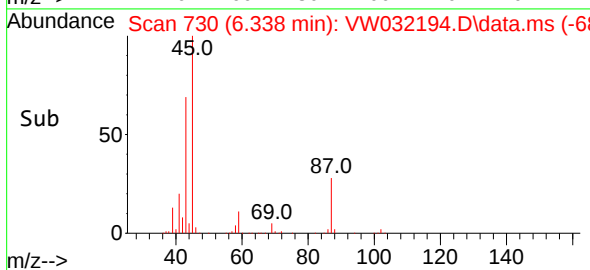
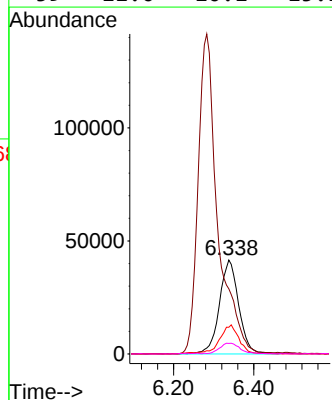
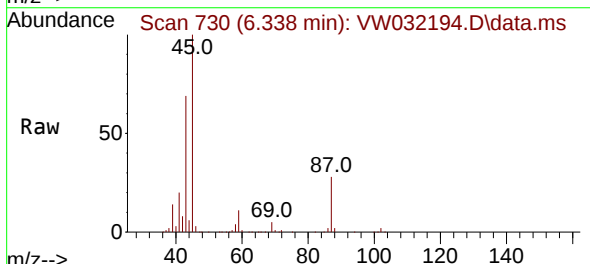
Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

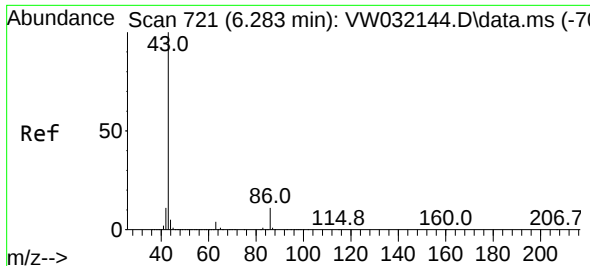
Tgt Ion: 96 Resp: 48951
Ion Ratio Lower Upper
96 100
61 131.0 112.5 168.7
98 63.3 54.2 81.4



#22
Diisopropyl ether
Concen: 22.516 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

Tgt Ion: 45 Resp: 138994
Ion Ratio Lower Upper
45 100
43 68.8 51.4 77.2
87 28.2 25.9 38.9
59 11.0 10.1 15.1

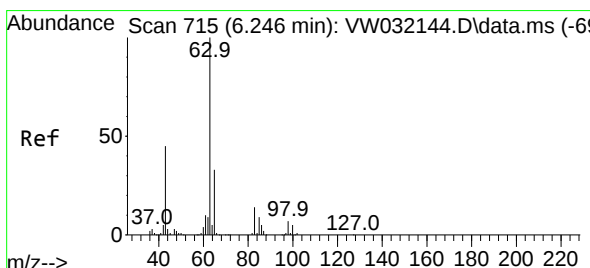
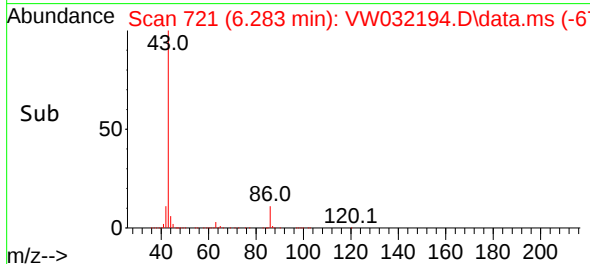
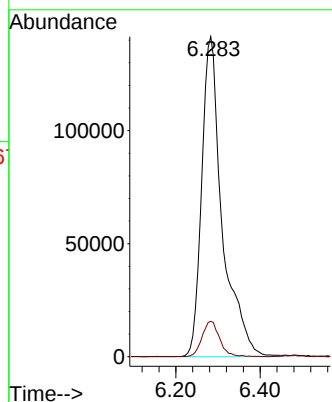
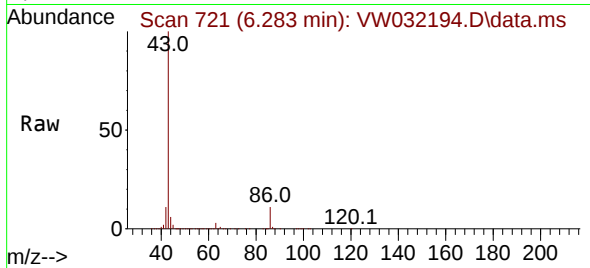




#23
 Vinyl Acetate
 Concen: 114.463 ug/l
 RT: 6.283 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW032194.D
 Acq: 18 Sep 2025 10:58

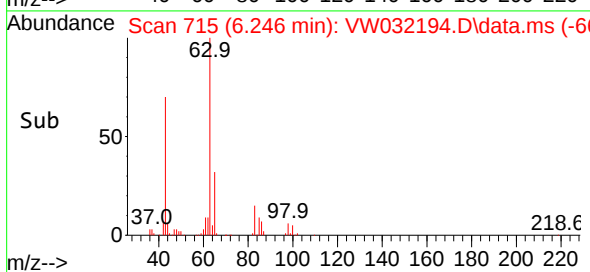
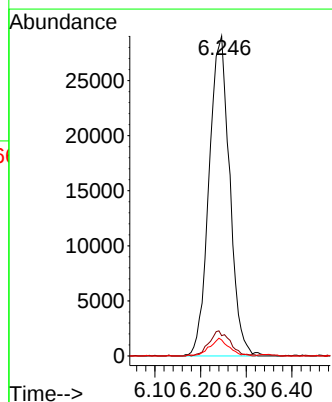
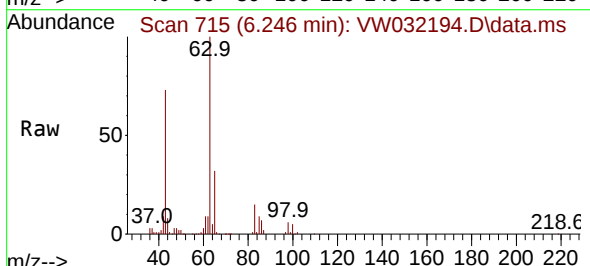
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS01

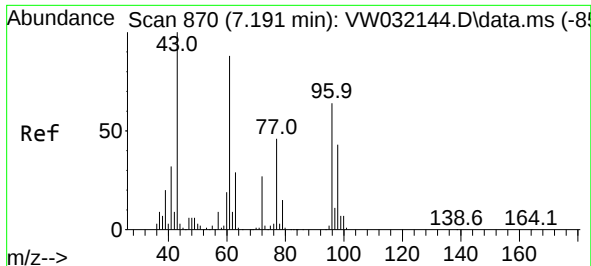
Tgt Ion: 43 Resp: 480411
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 22.519 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW032194.D
 Acq: 18 Sep 2025 10:58

Tgt Ion: 63 Resp: 91006
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.8 11.2
 100 5.0 2.5 7.5

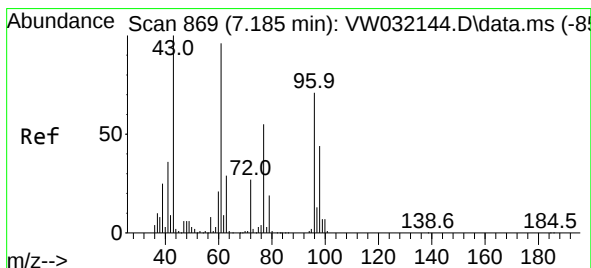
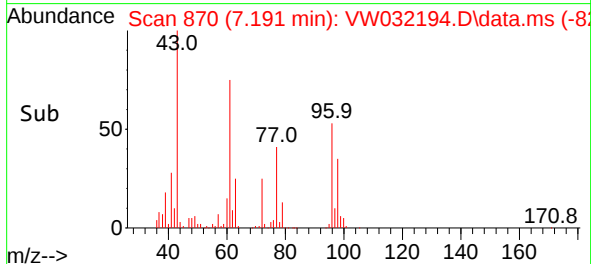
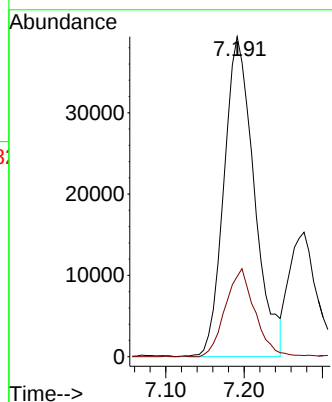
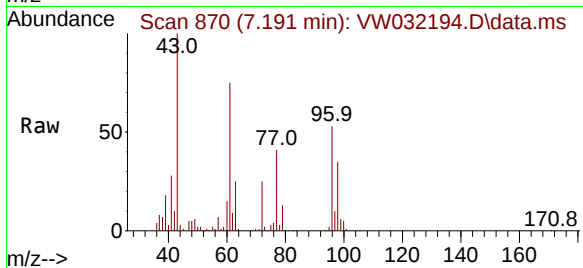




#25
2-Butanone
Concen: 127.538 ug/l
RT: 7.191 min Scan# 81
Delta R.T. -0.000 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

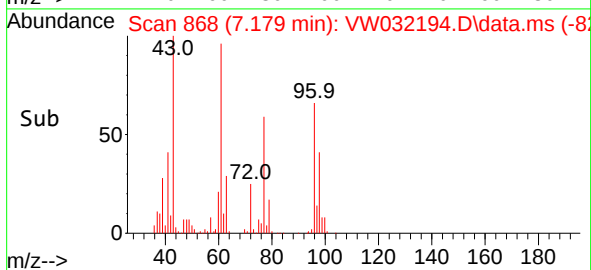
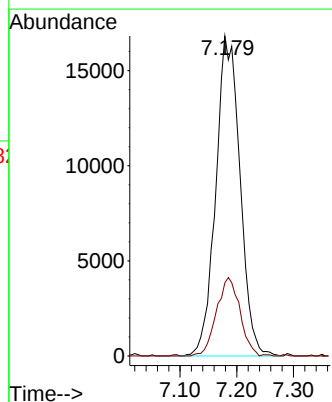
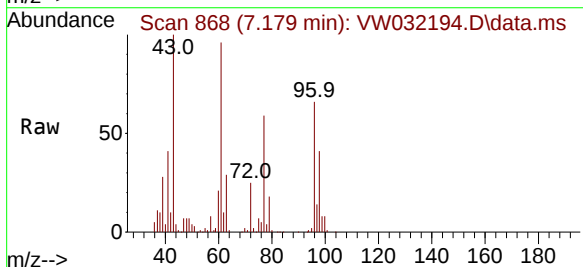
Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

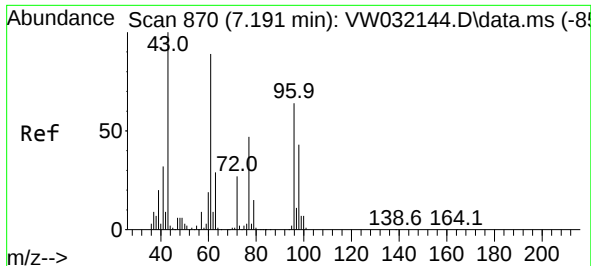
Tgt Ion: 43 Resp: 105756
Ion Ratio Lower Upper
43 100
72 24.9 21.4 32.2



#26
2,2-Dichloropropane
Concen: 23.339 ug/l
RT: 7.179 min Scan# 868
Delta R.T. -0.006 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

Tgt Ion: 77 Resp: 49949
Ion Ratio Lower Upper
77 100
97 23.8 11.9 35.5

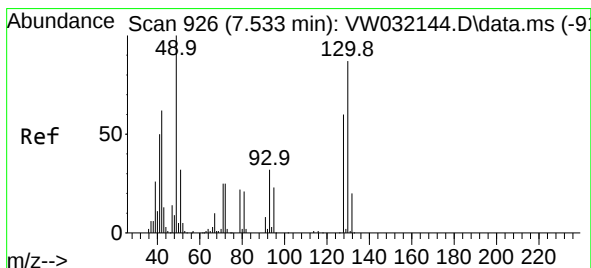
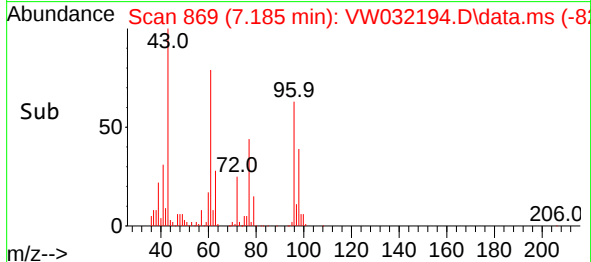
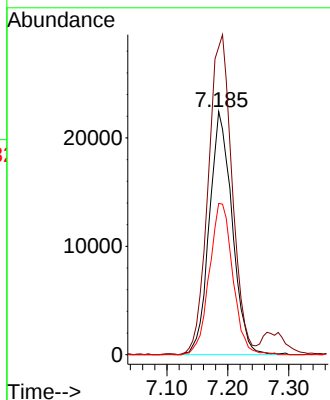
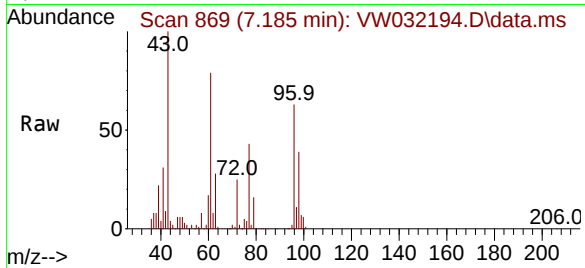




#27
 cis-1,2-Dichloroethene
 Concen: 21.528 ug/l
 RT: 7.185 min Scan# 869
 Delta R.T. -0.006 min
 Lab File: VW032194.D
 Acq: 18 Sep 2025 10:58

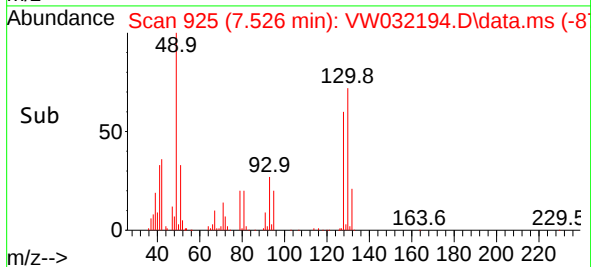
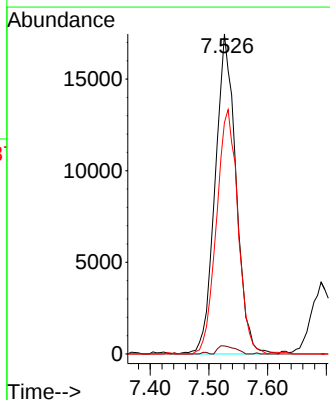
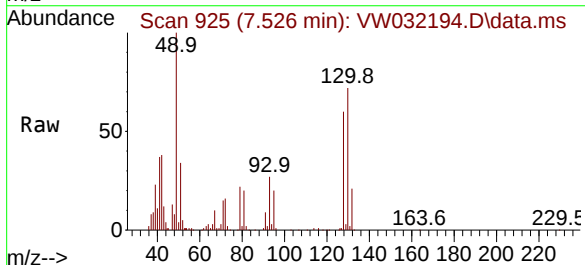
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS01

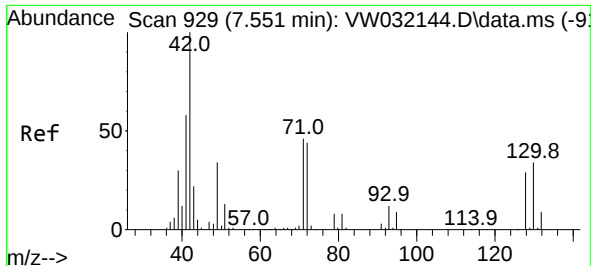
Tgt Ion: 96 Resp: 58434
 Ion Ratio Lower Upper
 96 100
 61 137.5 0.0 268.0
 98 63.8 0.0 130.8



#28
 Bromochloromethane
 Concen: 23.237 ug/l
 RT: 7.526 min Scan# 925
 Delta R.T. -0.006 min
 Lab File: VW032194.D
 Acq: 18 Sep 2025 10:58

Tgt Ion: 49 Resp: 42988
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 78.6 67.5 101.3





#29

Tetrahydrofuran

Concen: 110.657 ug/l

RT: 7.551 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW032194.D

Acq: 18 Sep 2025 10:58

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS01

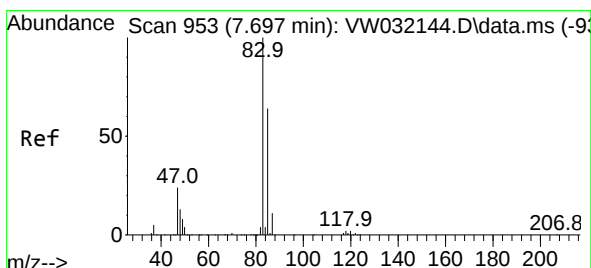
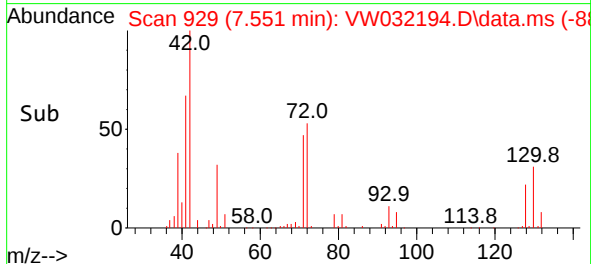
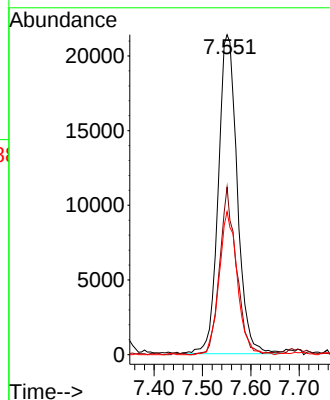
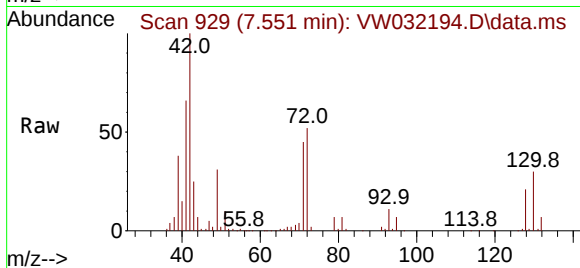
Tgt Ion: 42 Resp: 58309

Ion Ratio Lower Upper

42 100

72 46.4 37.4 56.2

71 43.1 36.0 54.0



#30

Chloroform

Concen: 22.625 ug/l

RT: 7.691 min Scan# 952

Delta R.T. -0.006 min

Lab File: VW032194.D

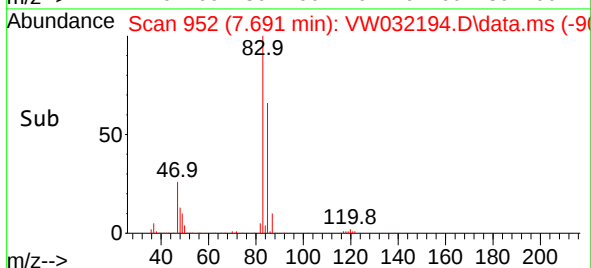
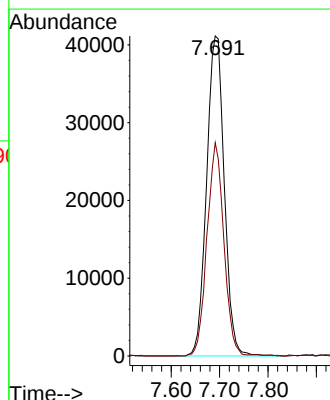
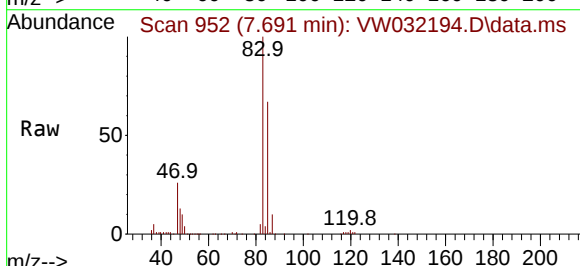
Acq: 18 Sep 2025 10:58

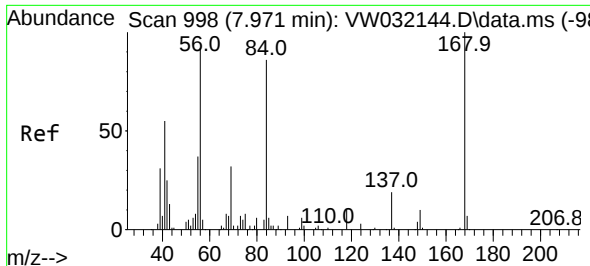
Tgt Ion: 83 Resp: 104395

Ion Ratio Lower Upper

83 100

85 66.7 51.2 76.8

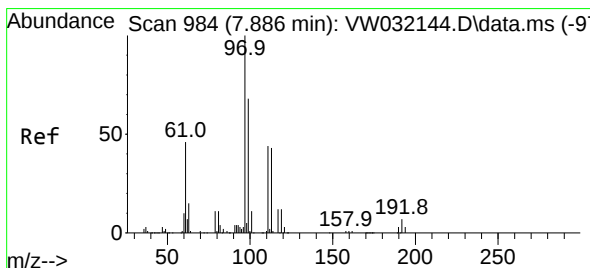
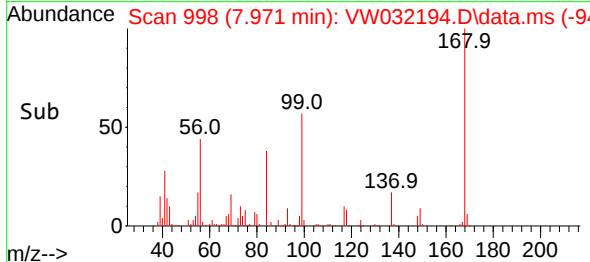
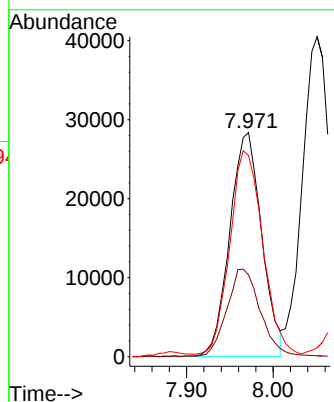
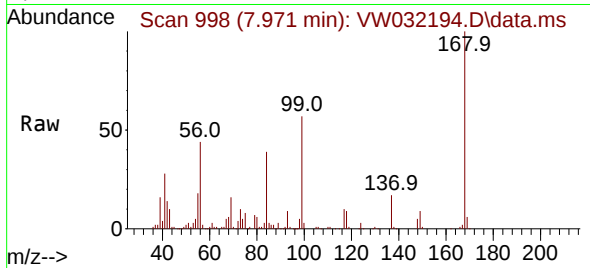




#31
Cyclohexane
Concen: 21.802 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

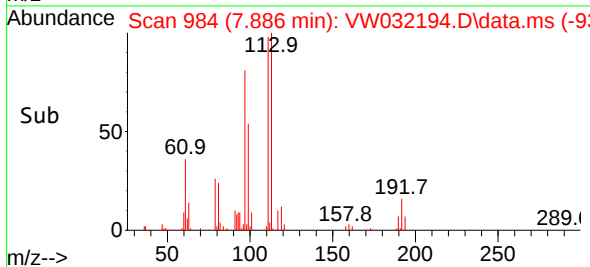
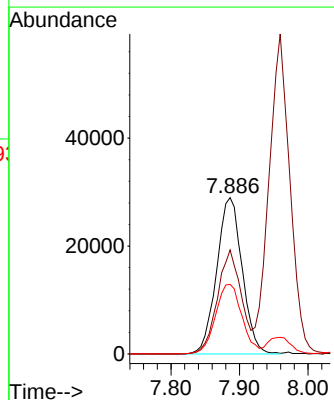
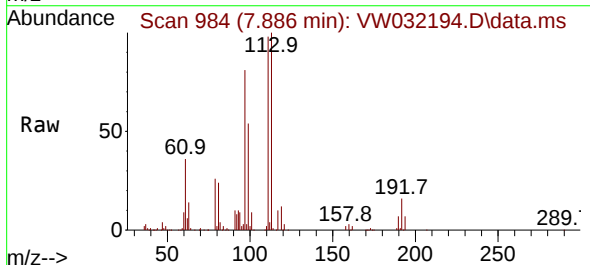
Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

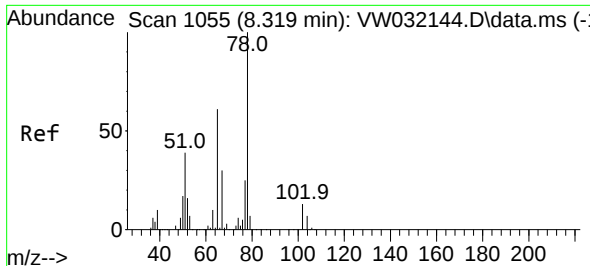
Tgt Ion: 56 Resp: 72317
Ion Ratio Lower Upper
56 100
69 36.5 27.7 41.5
84 88.3 74.6 112.0



#32
1,1,1-Trichloroethane
Concen: 22.195 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

Tgt Ion: 97 Resp: 74760
Ion Ratio Lower Upper
97 100
99 61.9 50.9 76.3
61 46.2 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 51.904 ug/l

RT: 8.319 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VW032194.D

Acq: 18 Sep 2025 10:58

Instrument :

MSVOA_W

ClientSampleId :

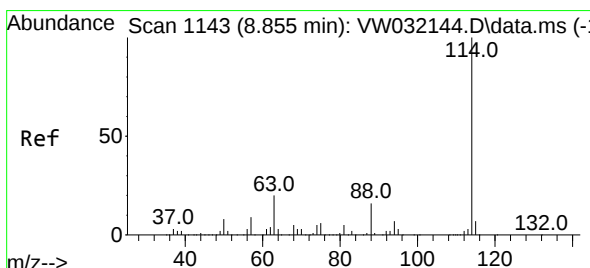
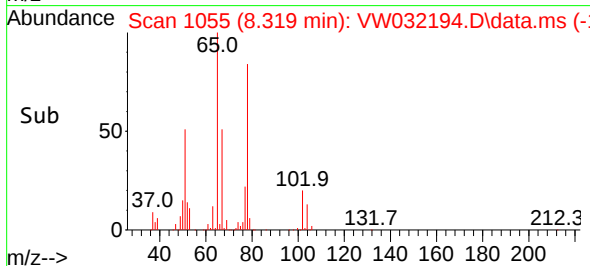
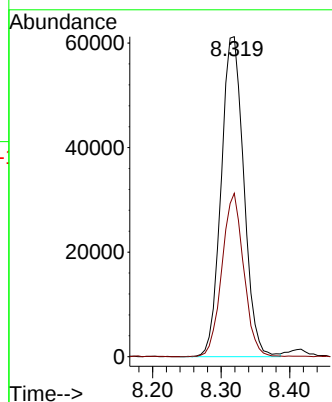
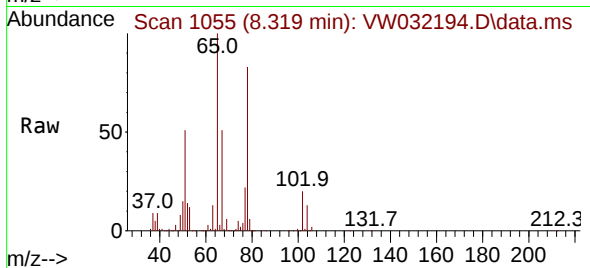
VW0918SBS01

Tgt Ion: 65 Resp: 140246

Ion Ratio Lower Upper

65 100

67 49.1 0.0 99.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1142

Delta R.T. -0.006 min

Lab File: VW032194.D

Acq: 18 Sep 2025 10:58

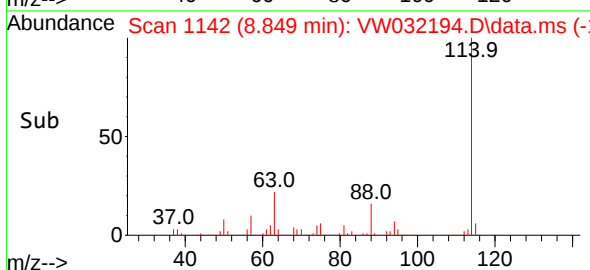
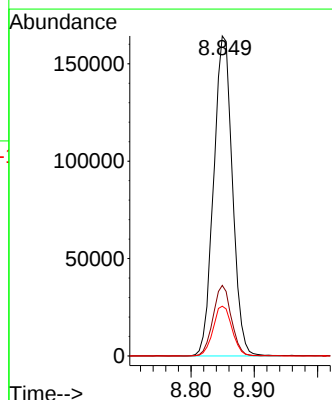
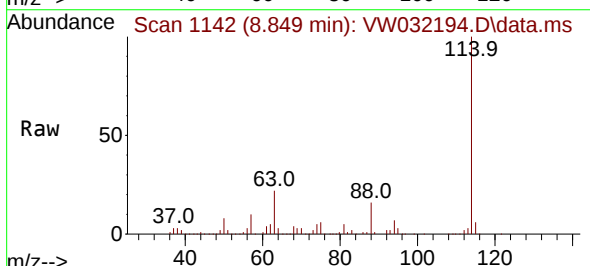
Tgt Ion: 114 Resp: 337869

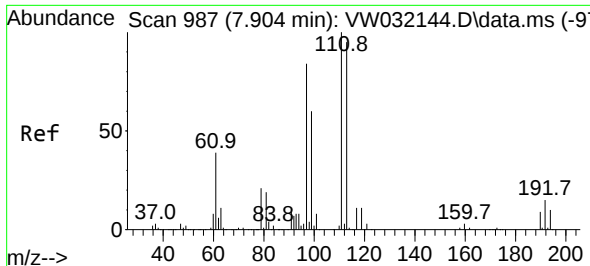
Ion Ratio Lower Upper

114 100

63 22.0 0.0 40.4

88 15.5 0.0 32.0

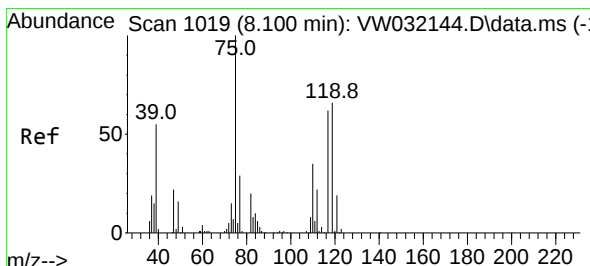
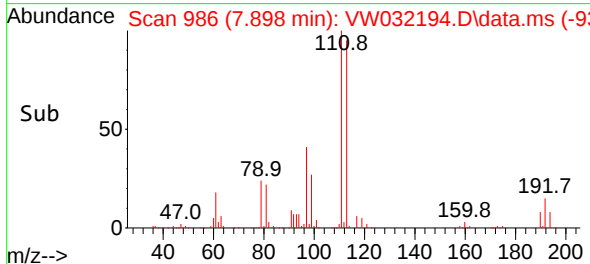
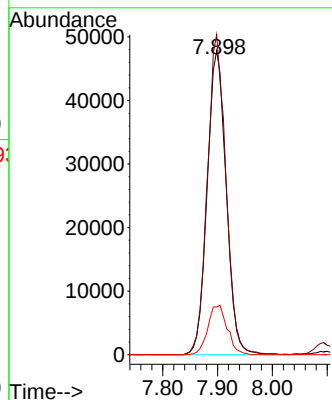
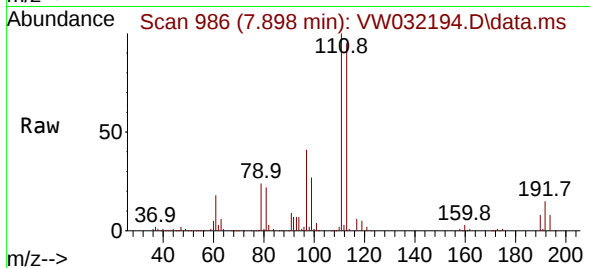




#35
 Dibromofluoromethane
 Concen: 48.577 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW032194.D
 Acq: 18 Sep 2025 10:58

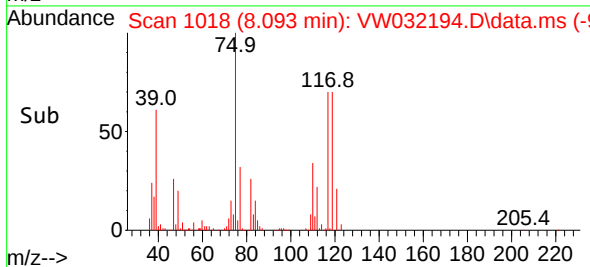
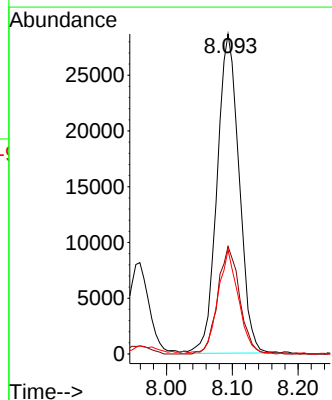
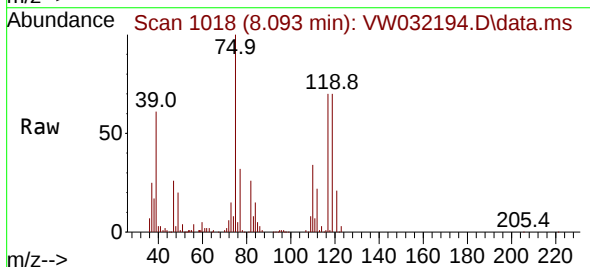
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS01

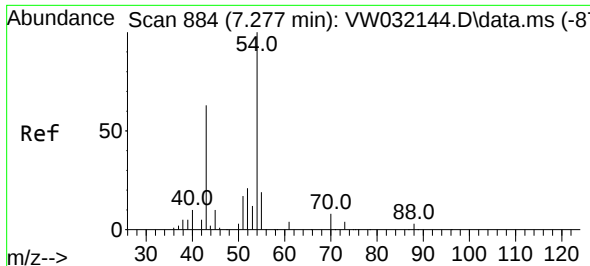
Tgt Ion:113 Resp: 115150
 Ion Ratio Lower Upper
 113 100
 111 102.8 83.9 125.9
 192 16.6 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 21.731 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. -0.006 min
 Lab File: VW032194.D
 Acq: 18 Sep 2025 10:58

Tgt Ion: 75 Resp: 66789
 Ion Ratio Lower Upper
 75 100
 110 33.3 17.5 52.5
 77 30.6 24.1 36.1

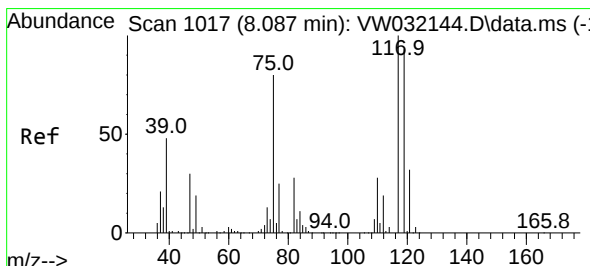
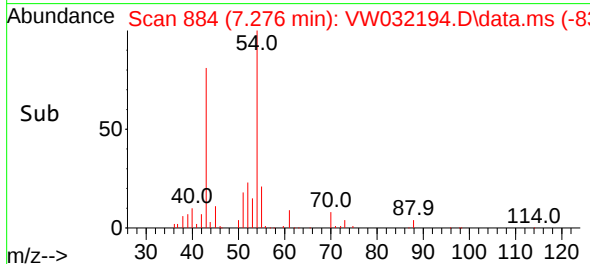
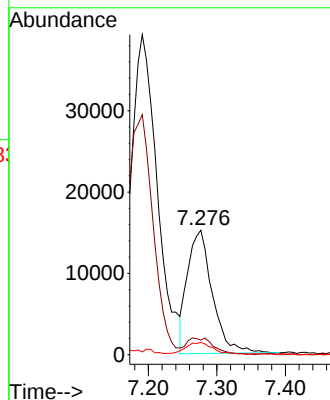
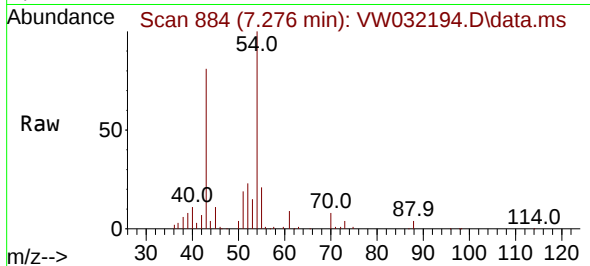




#37
Ethyl Acetate
Concen: 20.607 ug/l
RT: 7.276 min Scan# 884
Delta R.T. -0.000 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

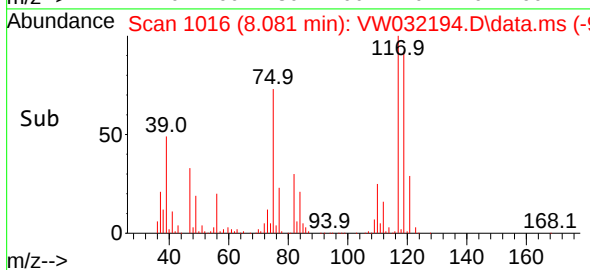
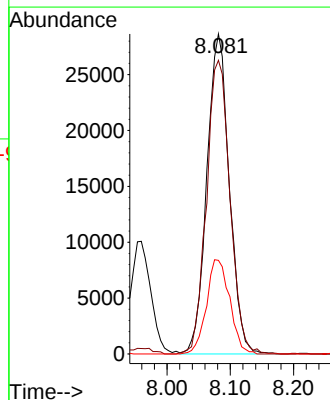
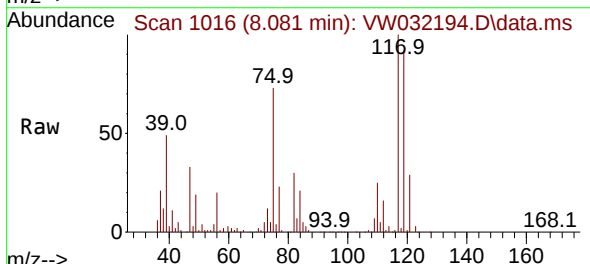
Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

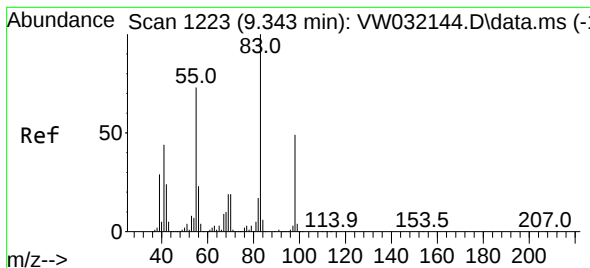
Tgt Ion: 43 Resp: 37994
Ion Ratio Lower Upper
43 100
61 15.1 11.3 16.9
70 11.4 8.9 13.3



#38
Carbon Tetrachloride
Concen: 21.473 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

Tgt Ion: 117 Resp: 70751
Ion Ratio Lower Upper
117 100
119 91.7 74.2 111.2
121 29.3 25.6 38.4





#39

Methylcyclohexane

Concen: 20.491 ug/l

RT: 9.343 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032194.D

Acq: 18 Sep 2025 10:58

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS01

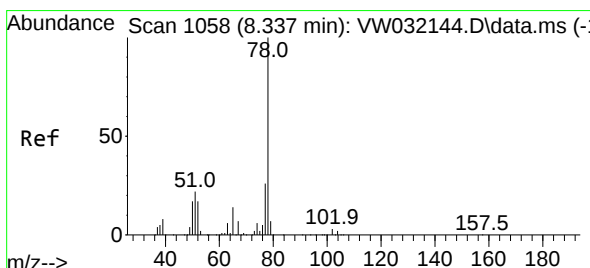
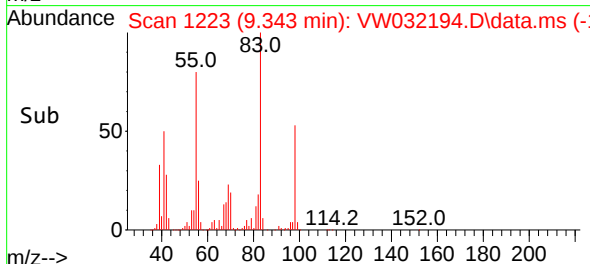
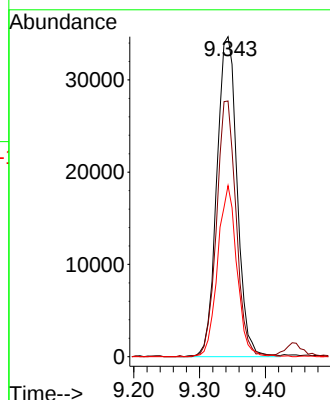
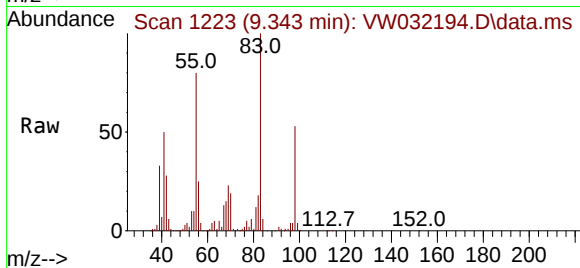
Tgt Ion: 83 Resp: 74597

Ion Ratio Lower Upper

83 100

55 79.3 58.4 87.6

98 53.5 39.4 59.2



#40

Benzene

Concen: 21.499 ug/l

RT: 8.331 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VW032194.D

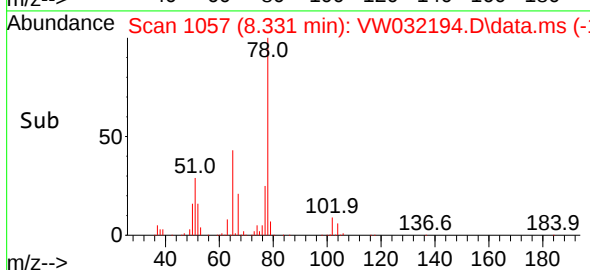
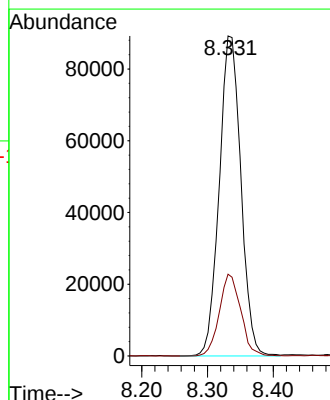
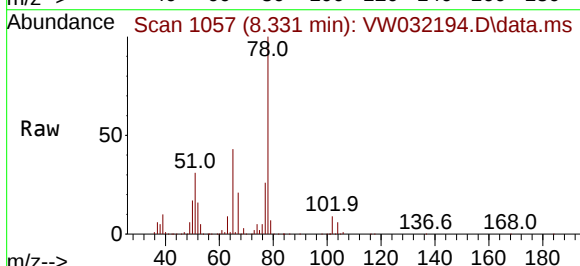
Acq: 18 Sep 2025 10:58

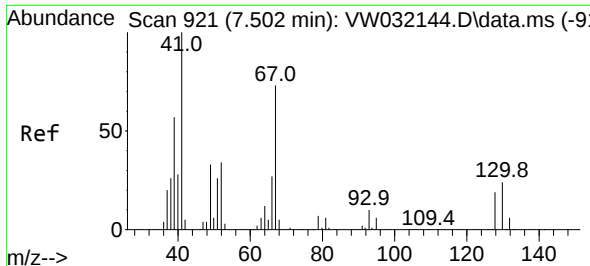
Tgt Ion: 78 Resp: 204255

Ion Ratio Lower Upper

78 100

77 25.6 20.7 31.1

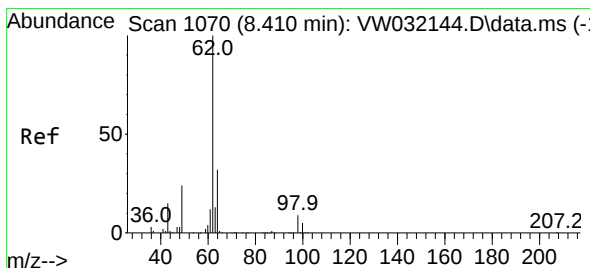
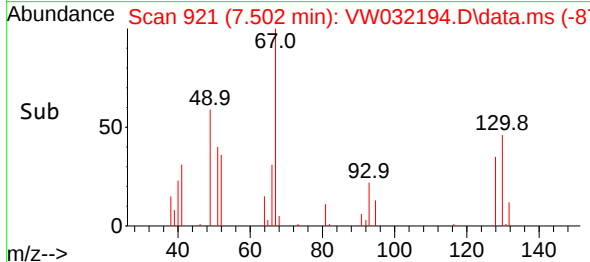
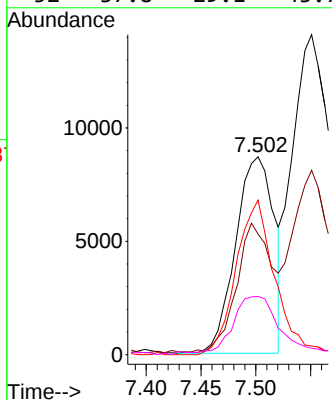
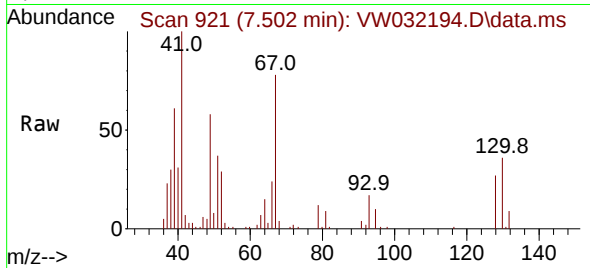




#41
Methacrylonitrile
Concen: 20.586 ug/l
RT: 7.502 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

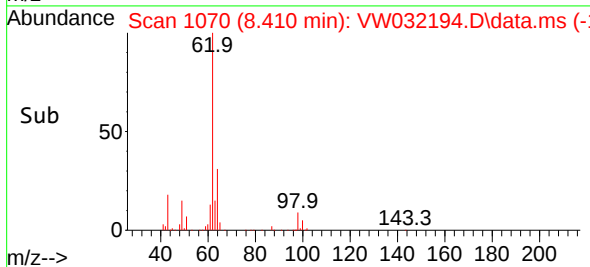
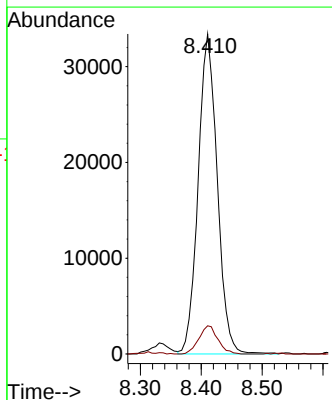
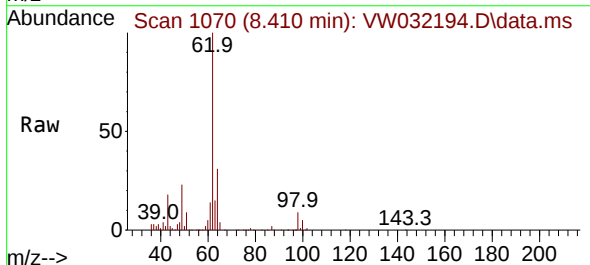
Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

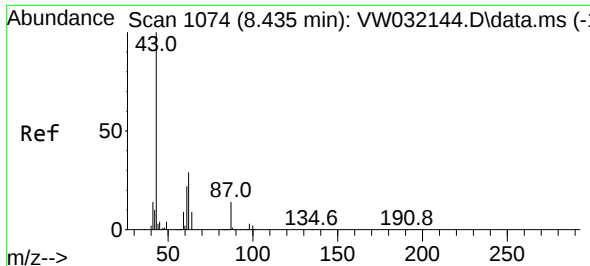
Tgt Ion:	41	Resp:	21087
Ion	Ratio	Lower	Upper
41	100		
39	60.7	50.9	76.3
67	80.5	65.6	98.4
52	37.8	29.1	43.7



#42
1,2-Dichloroethane
Concen: 22.133 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

Tgt Ion:	62	Resp:	72894
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	18.0

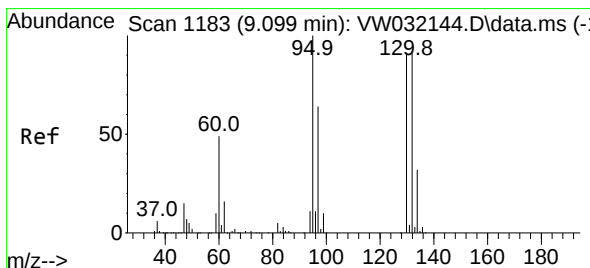
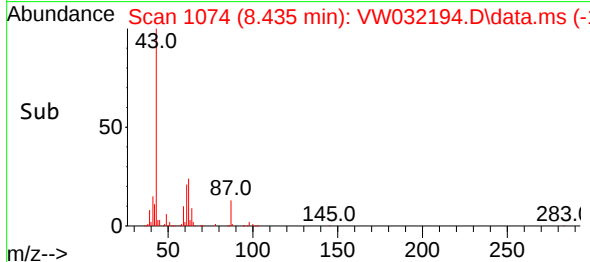
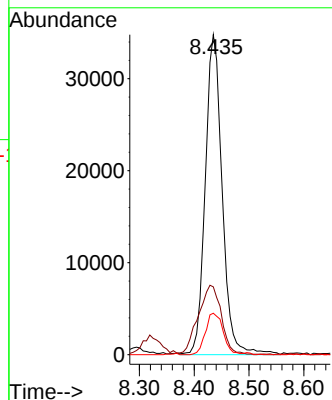
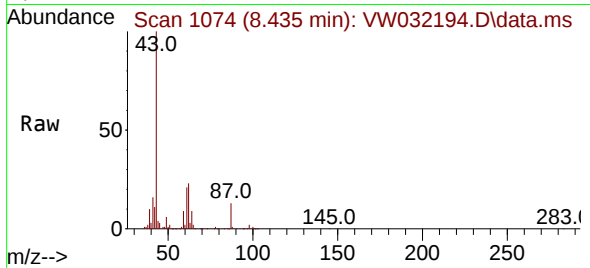




#43
Isopropyl Acetate
Concen: 21.534 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

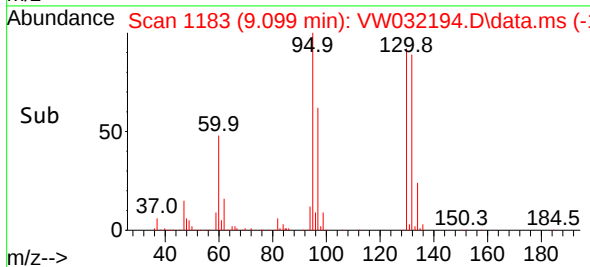
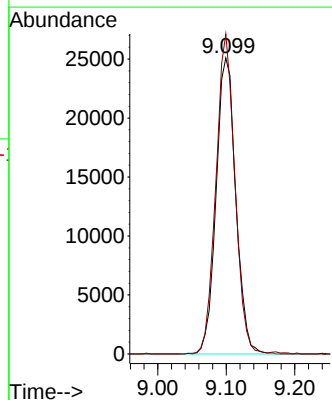
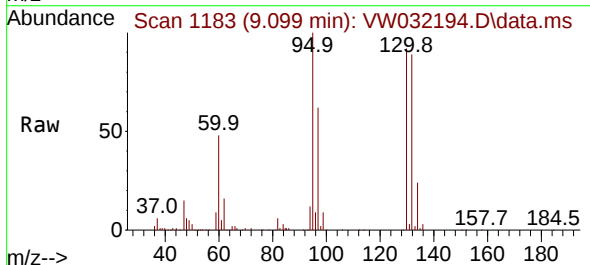
Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

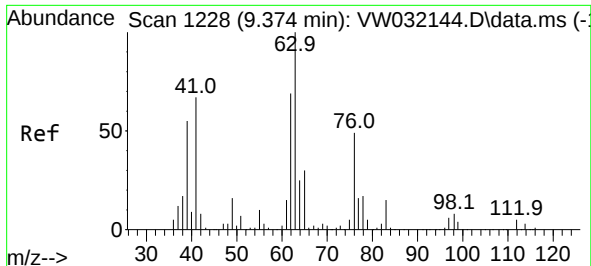
Tgt Ion:	43	Resp:	74483
Ion	Ratio	Lower	Upper
43	100		
61	29.1	23.3	34.9
87	13.5	11.1	16.7



#44
Trichloroethene
Concen: 20.960 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

Tgt Ion:	130	Resp:	50077
Ion	Ratio	Lower	Upper
130	100		
95	108.1	0.0	220.0

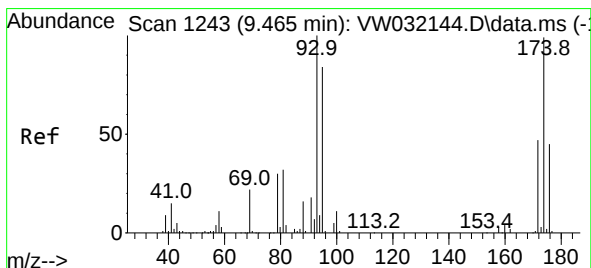
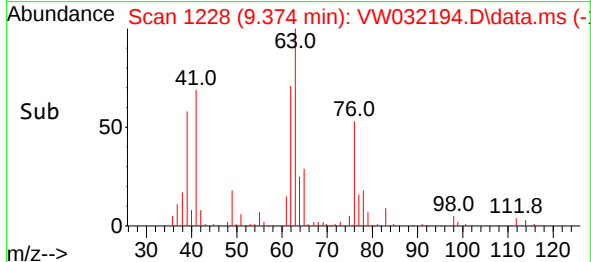
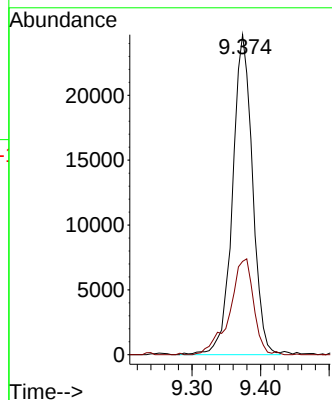
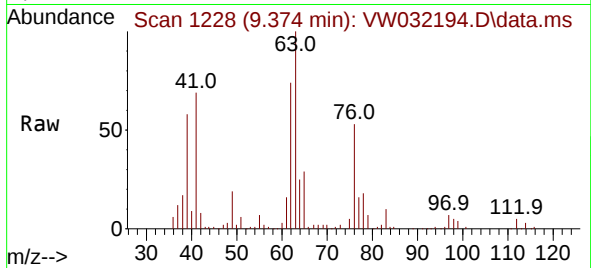




#45
1,2-Dichloropropane
Concen: 21.862 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

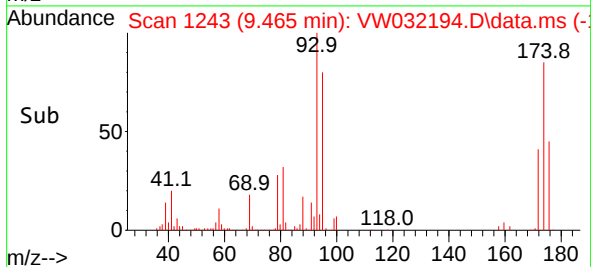
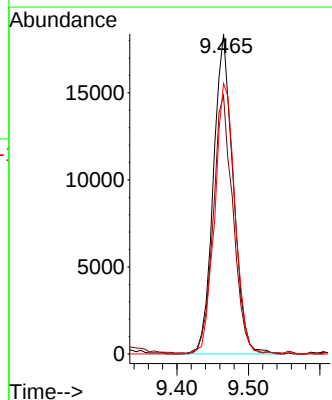
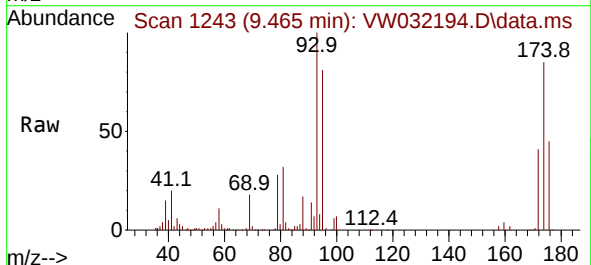
Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

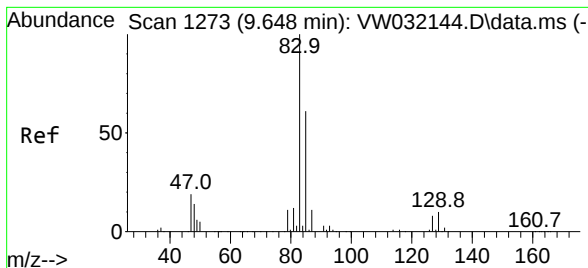
Tgt Ion: 63 Resp: 50070
Ion Ratio Lower Upper
63 100
65 28.8 24.3 36.5



#46
Dibromomethane
Concen: 21.948 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

Tgt Ion: 93 Resp: 35256
Ion Ratio Lower Upper
93 100
95 81.4 67.4 101.2
174 86.9 75.7 113.5





#47

Bromodichloromethane

Concen: 21.219 ug/l

RT: 9.648 min Scan# 1273

Delta R.T. -0.000 min

Lab File: VW032194.D

Acq: 18 Sep 2025 10:58

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS01

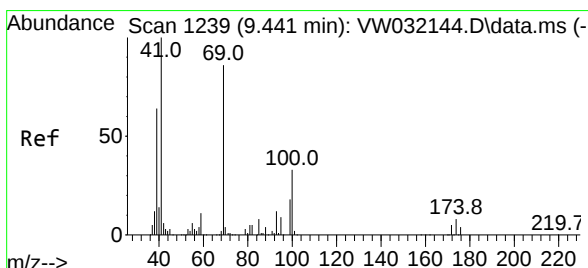
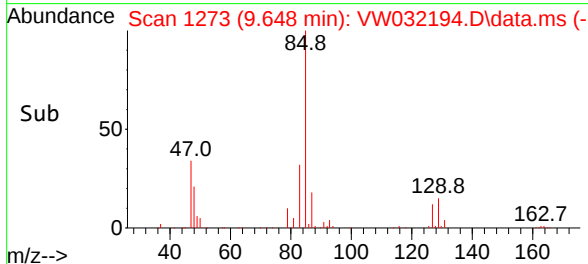
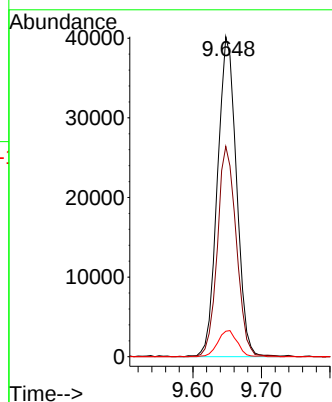
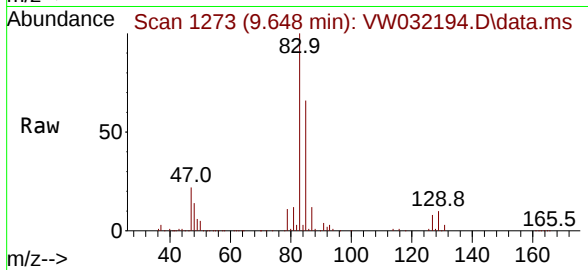
Tgt Ion: 83 Resp: 77459

Ion Ratio Lower Upper

83 100

85 65.7 48.7 73.1

127 8.0 6.4 9.6



#48

Methyl methacrylate

Concen: 20.470 ug/l

RT: 9.441 min Scan# 1239

Delta R.T. -0.000 min

Lab File: VW032194.D

Acq: 18 Sep 2025 10:58

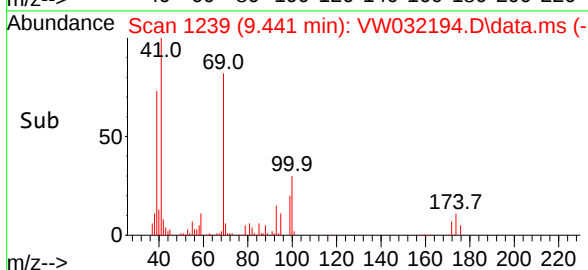
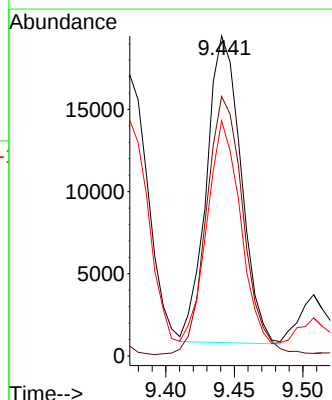
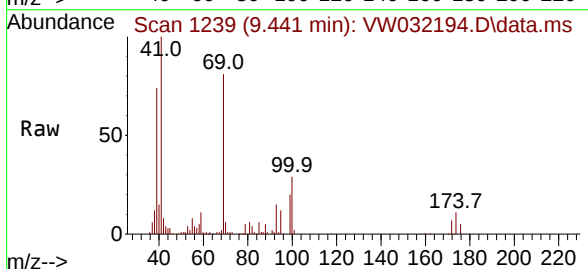
Tgt Ion: 41 Resp: 32629

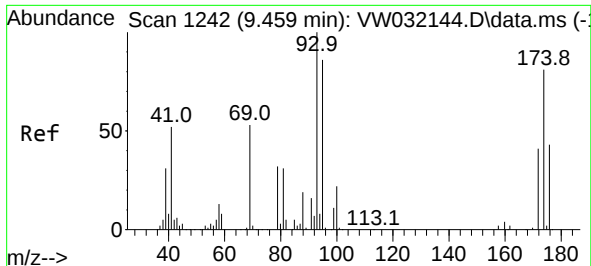
Ion Ratio Lower Upper

41 100

69 90.5 71.5 107.3

39 76.4 55.9 83.9





#49

1,4-Dioxane

Concen: 393.128 ug/l

RT: 9.465 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW032194.D

Acq: 18 Sep 2025 10:58

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS01

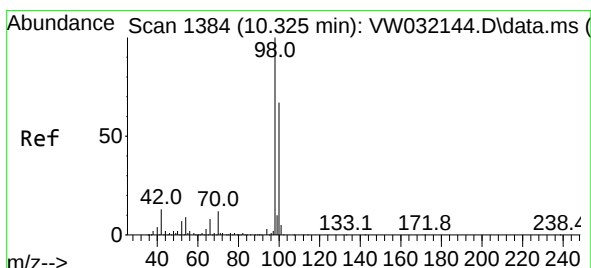
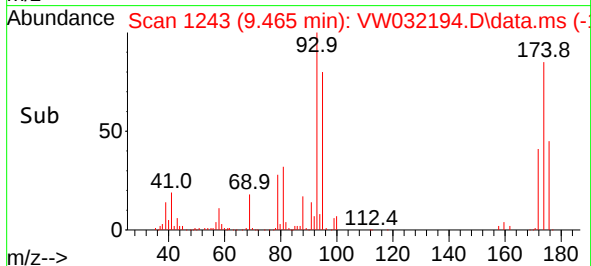
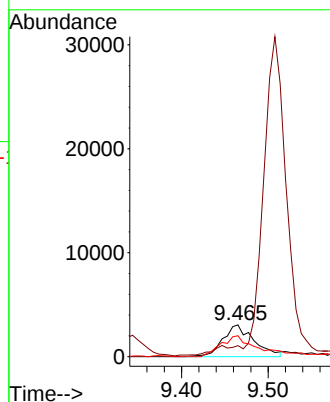
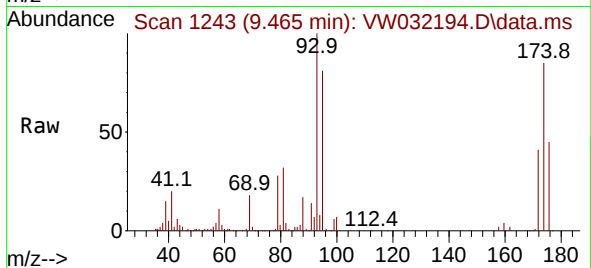
Tgt Ion: 88 Resp: 7630

Ion Ratio Lower Upper

88 100

43 0.0 18.0 27.0#

58 82.6 55.4 83.0



#50

Toluene-d8

Concen: 48.820 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW032194.D

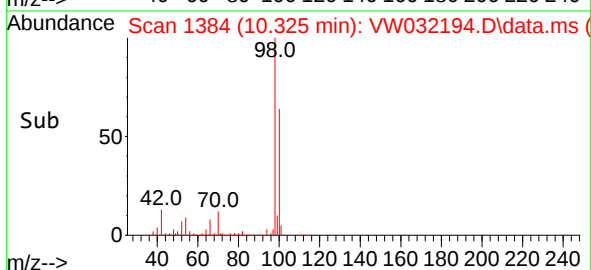
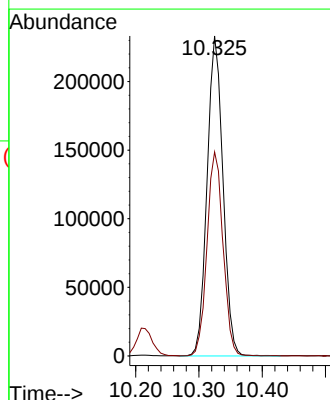
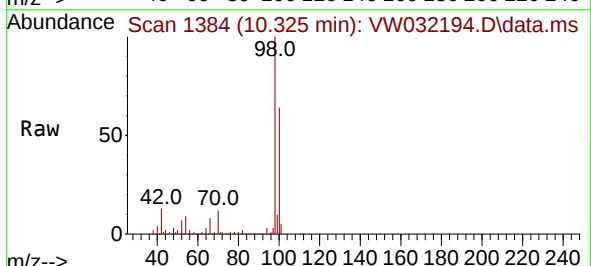
Acq: 18 Sep 2025 10:58

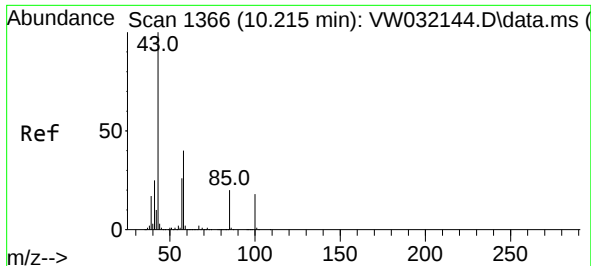
Tgt Ion: 98 Resp: 406257

Ion Ratio Lower Upper

98 100

100 64.3 51.4 77.2

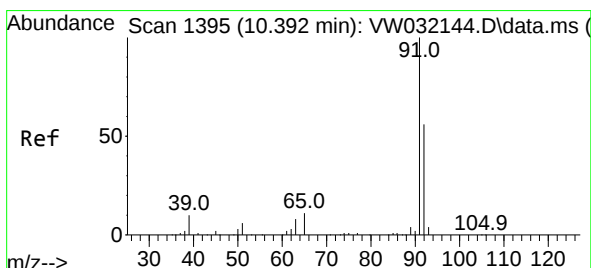
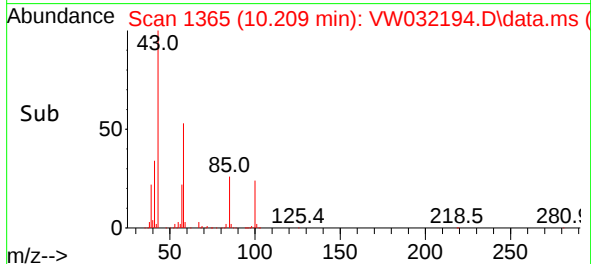
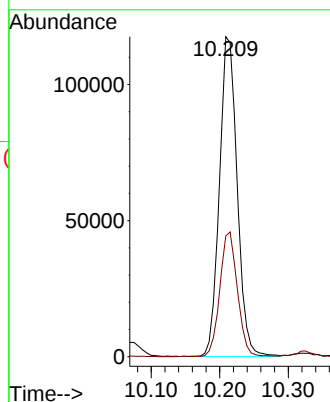
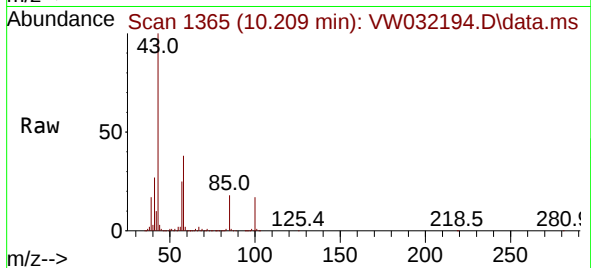




#51
4-Methyl-2-Pentanone
Concen: 107.979 ug/l
RT: 10.209 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

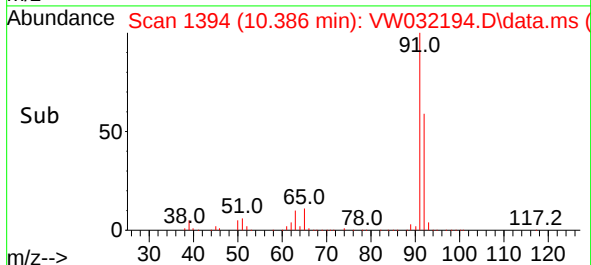
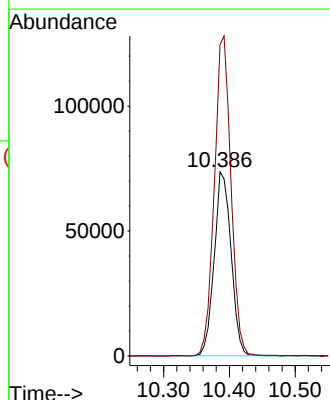
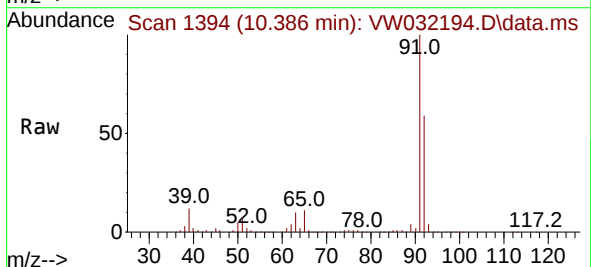
Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

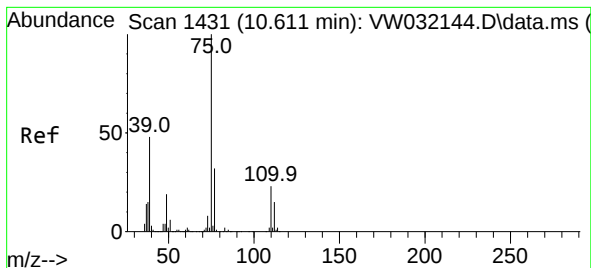
Tgt Ion: 43 Resp: 210892
Ion Ratio Lower Upper
43 100
58 38.4 32.0 48.0



#52
Toluene
Concen: 21.137 ug/l
RT: 10.386 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

Tgt Ion: 92 Resp: 131226
Ion Ratio Lower Upper
92 100
91 171.9 137.5 206.3

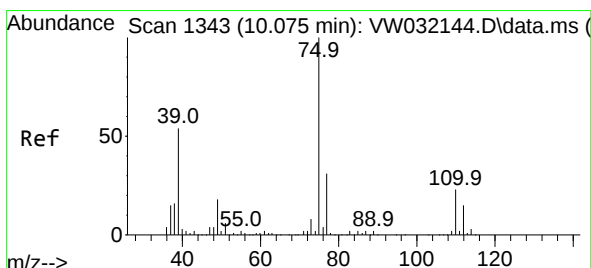
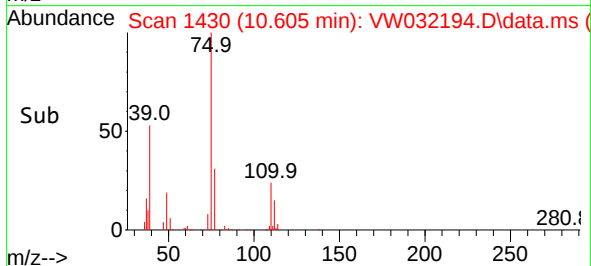
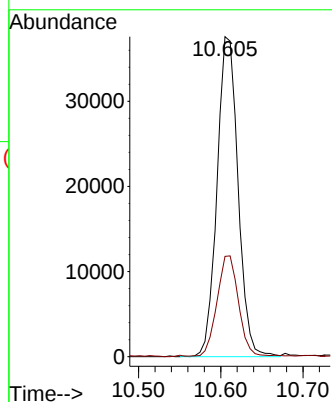
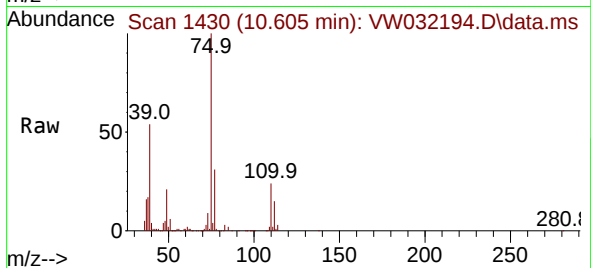




#53
t-1,3-Dichloropropene
Concen: 20.771 ug/l
RT: 10.605 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

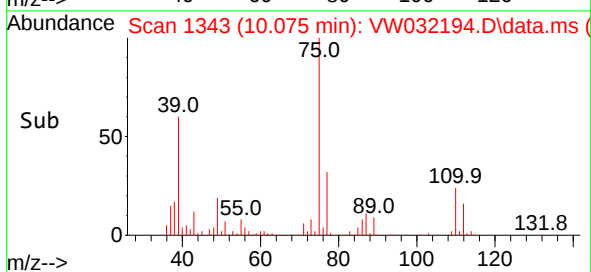
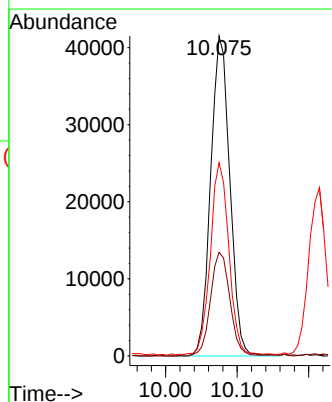
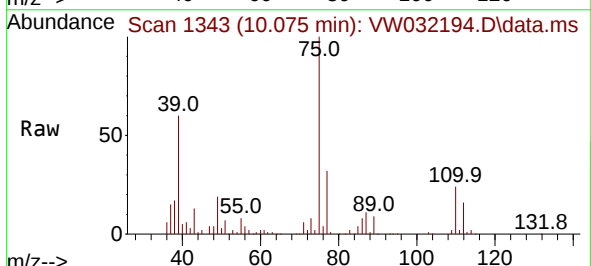
Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

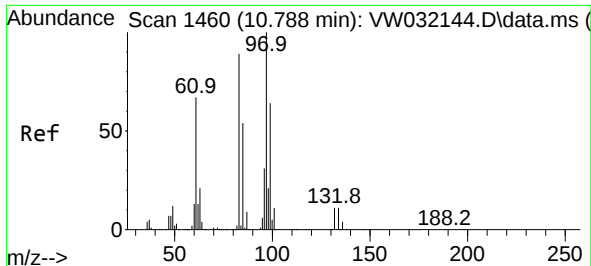
Tgt Ion: 75 Resp: 66890
Ion Ratio Lower Upper
75 100
77 31.0 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 21.041 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

Tgt Ion: 75 Resp: 77314
Ion Ratio Lower Upper
75 100
77 32.2 25.1 37.7
39 59.8 43.2 64.8

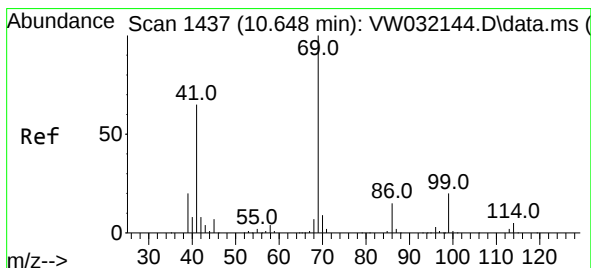
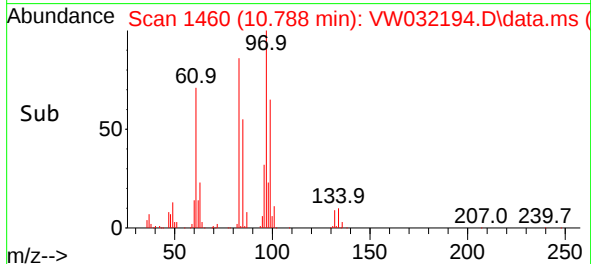
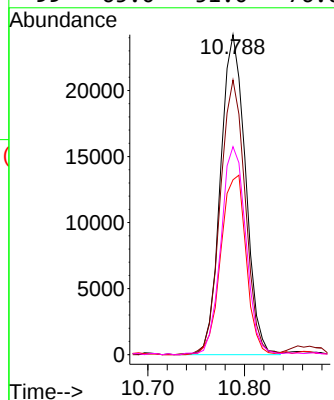
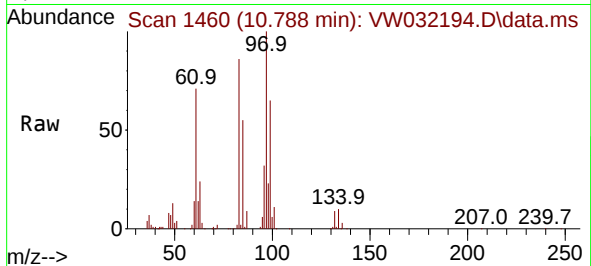




#55
1,1,2-Trichloroethane
Concen: 20.787 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

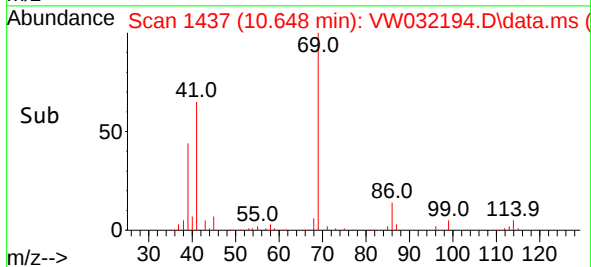
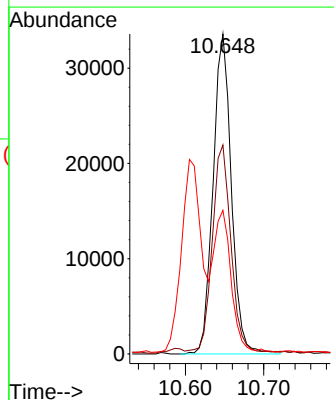
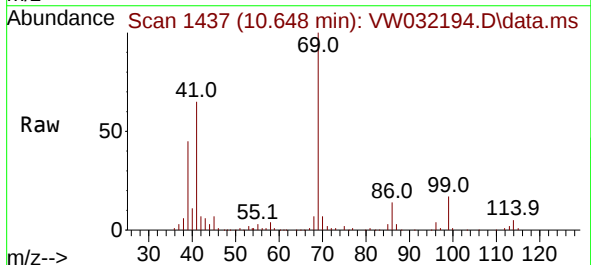
Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

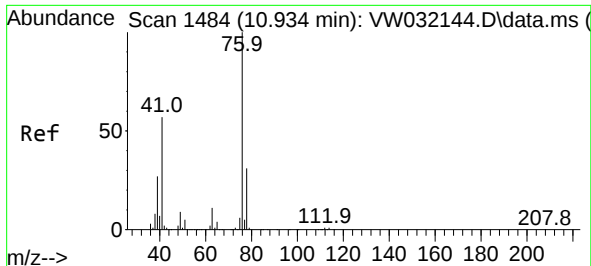
Tgt Ion:	97	Resp:	43420
Ion	Ratio	Lower	Upper
97	100		
83	85.6	71.0	106.6
85	54.7	42.8	64.2
99	65.0	51.0	76.6



#56
Ethyl methacrylate
Concen: 20.463 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

Tgt Ion:	69	Resp:	54647
Ion	Ratio	Lower	Upper
69	100		
41	65.1	53.2	79.8
39	41.8	32.9	49.3

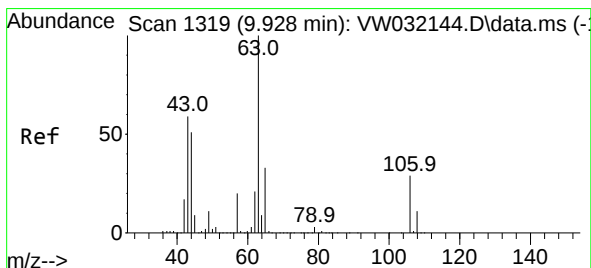
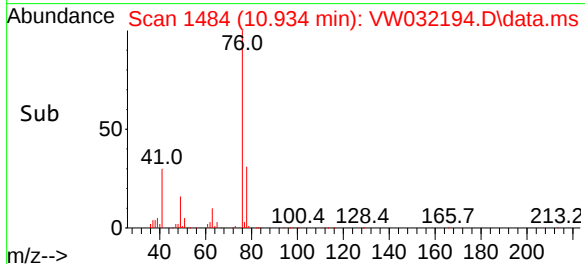
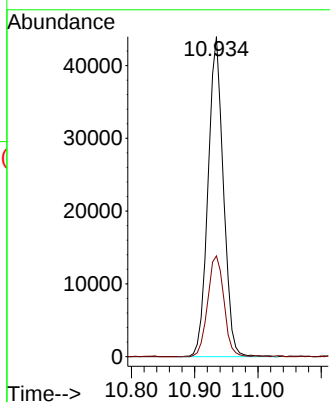
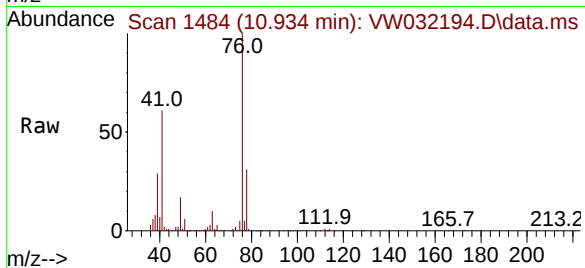




#57
1,3-Dichloropropane
Concen: 21.178 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

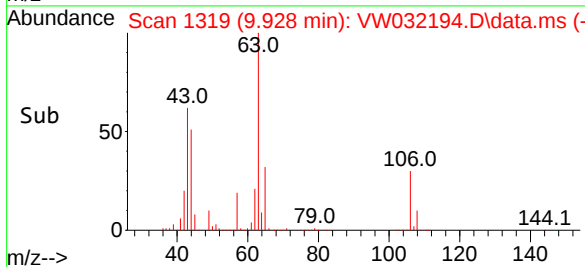
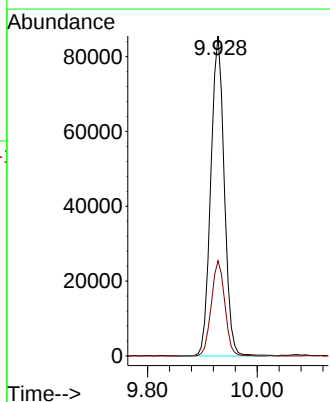
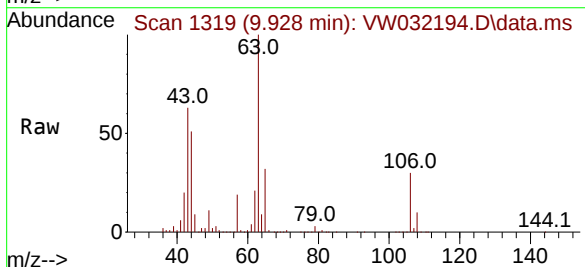
Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

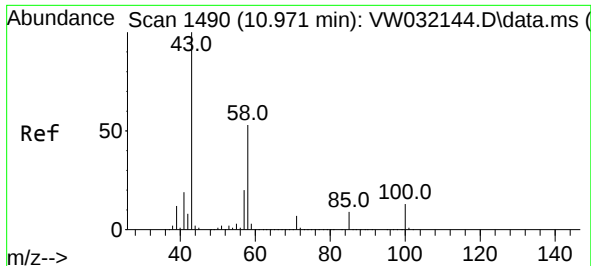
Tgt Ion: 76 Resp: 74073
Ion Ratio Lower Upper
76 100
78 33.4 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 101.992 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

Tgt Ion: 63 Resp: 145379
Ion Ratio Lower Upper
63 100
106 29.8 24.3 36.5





#59

2-Hexanone

Concen: 113.962 ug/l

RT: 10.971 min Scan# 1490

Delta R.T. -0.000 min

Lab File: VW032194.D

Acq: 18 Sep 2025 10:58

Instrument :

MSVOA_W

ClientSampleId :

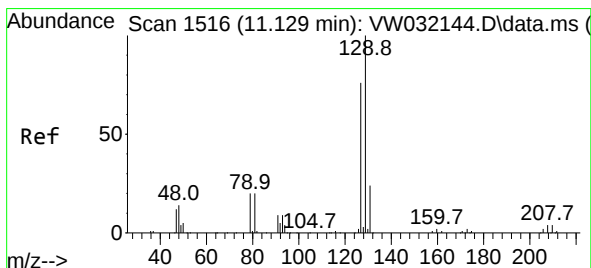
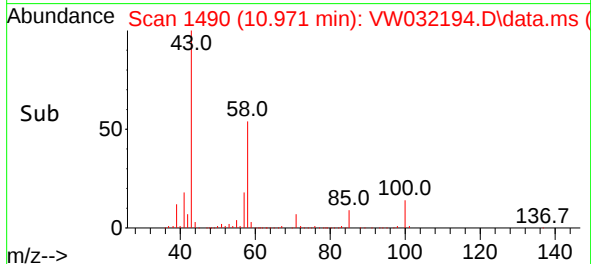
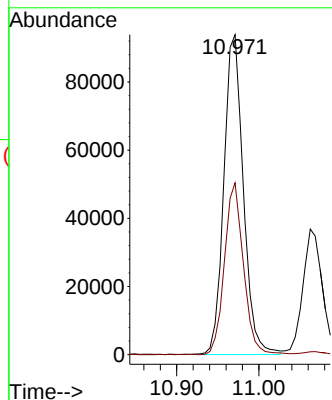
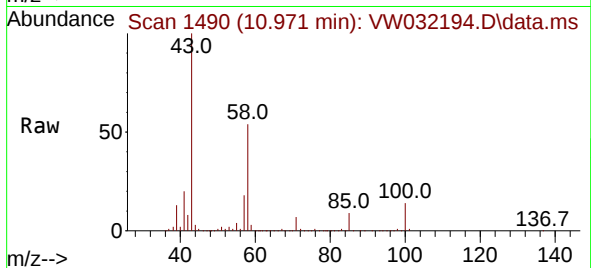
VW0918SBS01

Tgt Ion: 43 Resp: 154797

Ion Ratio Lower Upper

43 100

58 52.5 27.5 82.4



#60

Dibromochloromethane

Concen: 20.472 ug/l

RT: 11.129 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VW032194.D

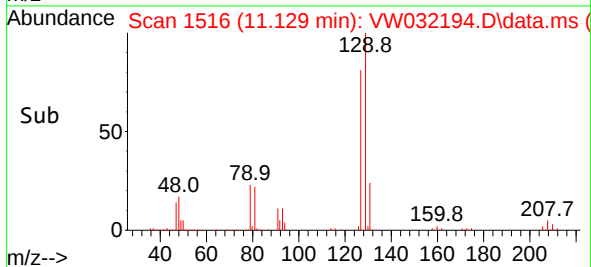
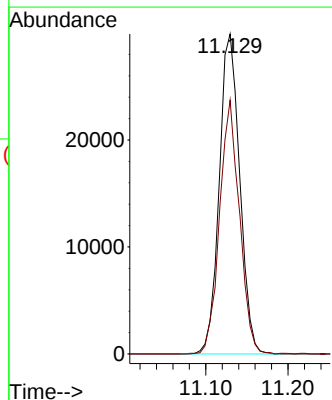
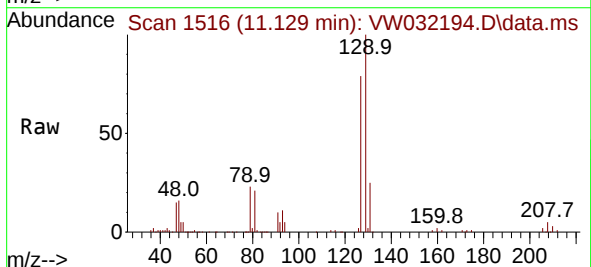
Acq: 18 Sep 2025 10:58

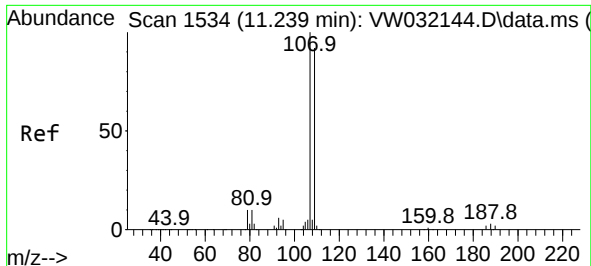
Tgt Ion: 129 Resp: 51744

Ion Ratio Lower Upper

129 100

127 77.2 38.1 114.5

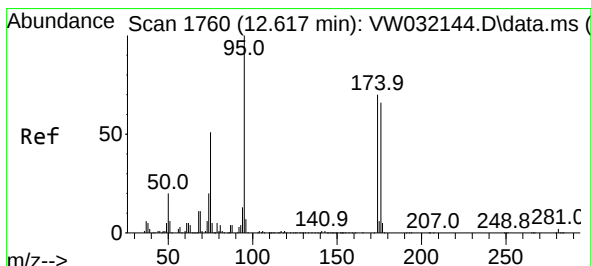
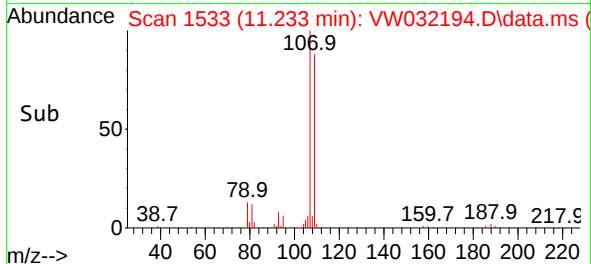
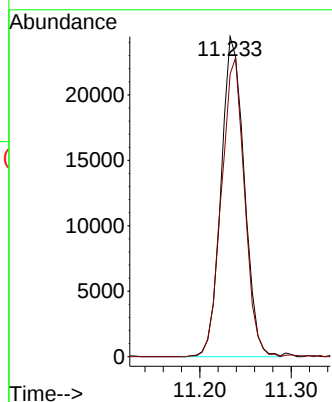
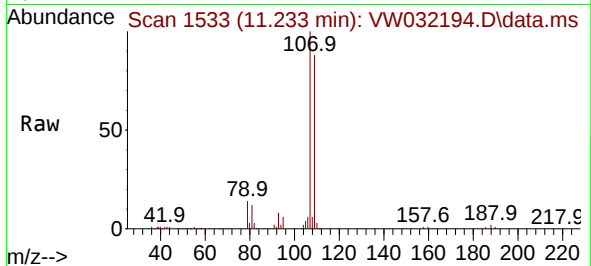




#61
1,2-Dibromoethane
Concen: 20.938 ug/l
RT: 11.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

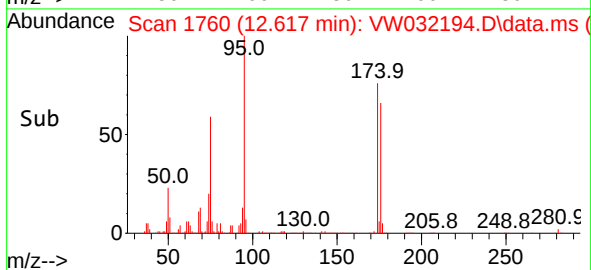
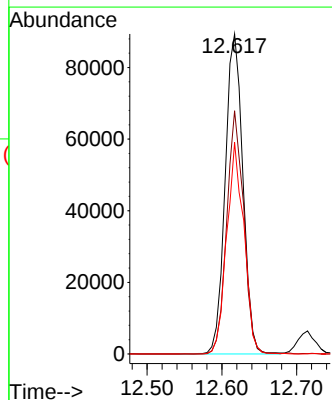
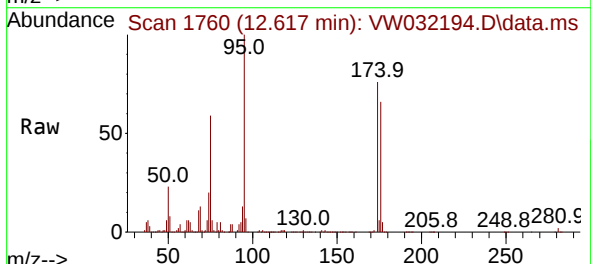
Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

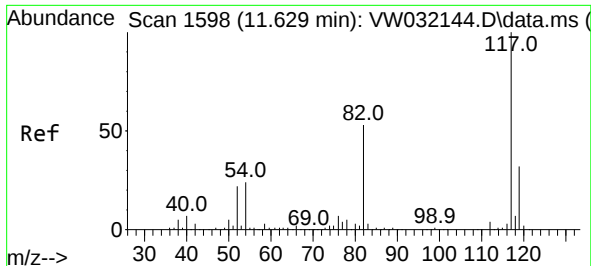
Tgt Ion:107 Resp: 43010
Ion Ratio Lower Upper
107 100
109 93.1 74.5 111.7



#62
4-Bromofluorobenzene
Concen: 47.846 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

Tgt Ion: 95 Resp: 147229
Ion Ratio Lower Upper
95 100
174 72.6 0.0 145.6
176 64.3 0.0 140.8

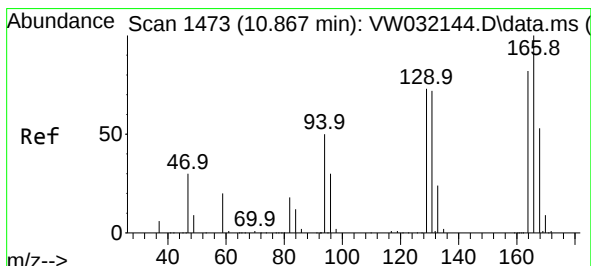
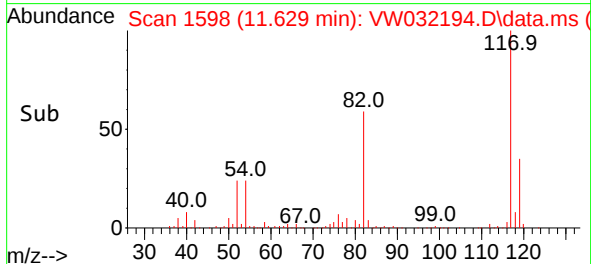
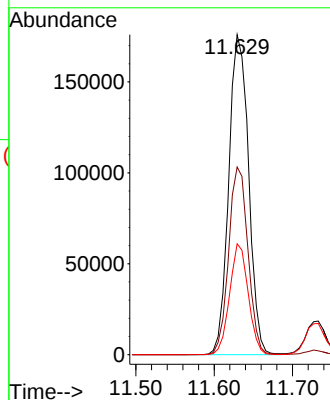
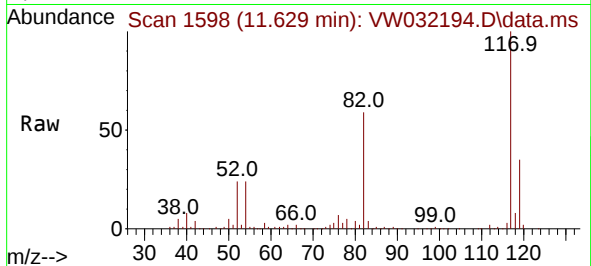




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

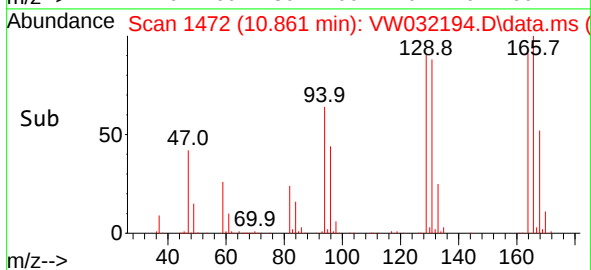
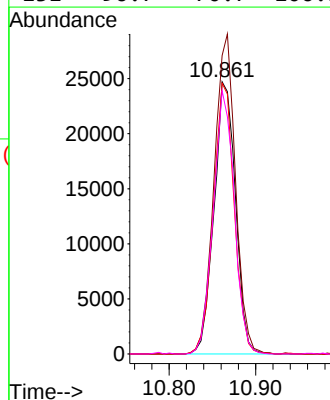
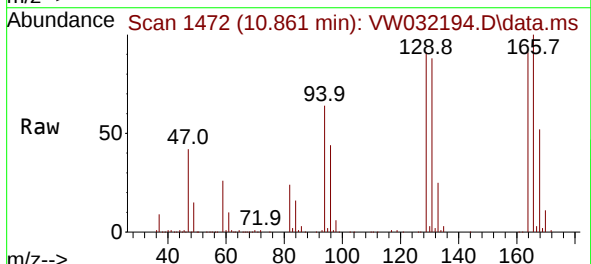
Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

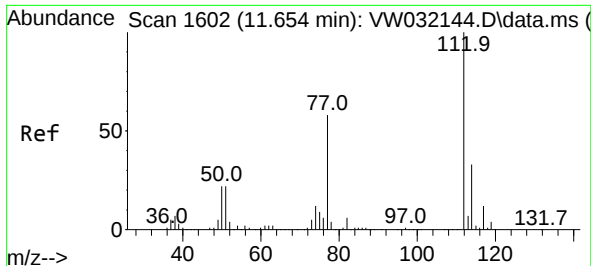
Tgt Ion:117 Resp: 309452
Ion Ratio Lower Upper
117 100
82 58.7 42.7 64.1
119 34.7 25.2 37.8



#64
Tetrachloroethene
Concen: 20.843 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

Tgt Ion:164 Resp: 42451
Ion Ratio Lower Upper
164 100
166 109.6 97.5 146.3
129 99.4 71.2 106.8
131 96.7 70.7 106.1

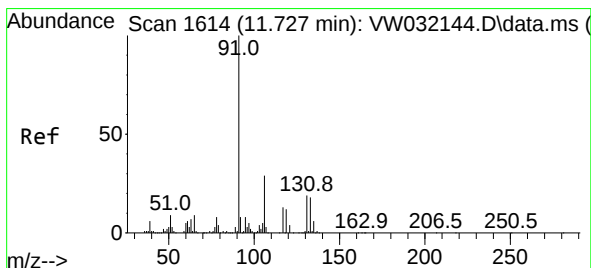
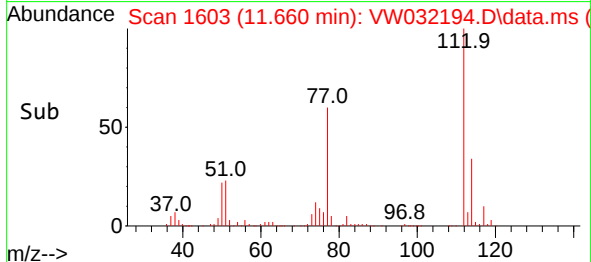
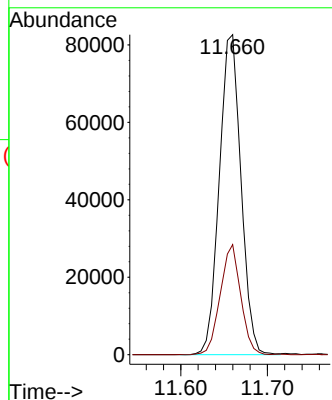
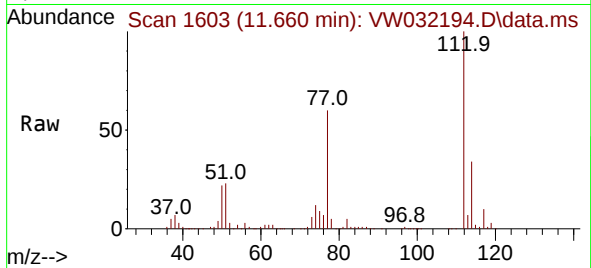




#65
Chlorobenzene
Concen: 20.405 ug/l
RT: 11.660 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

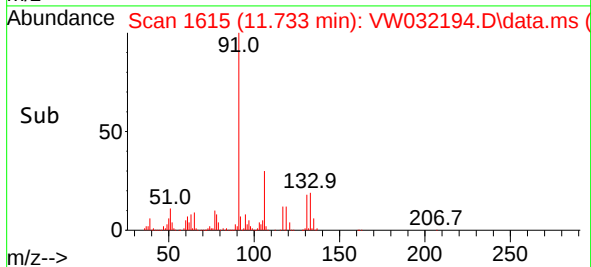
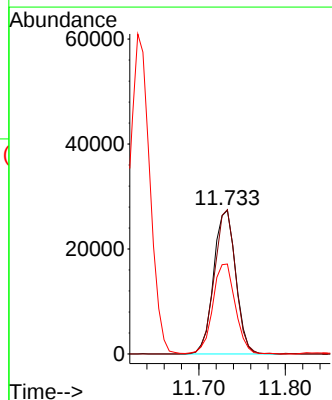
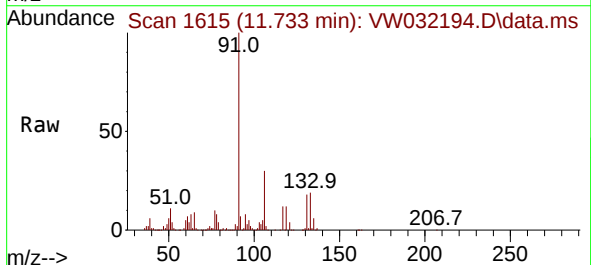
Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

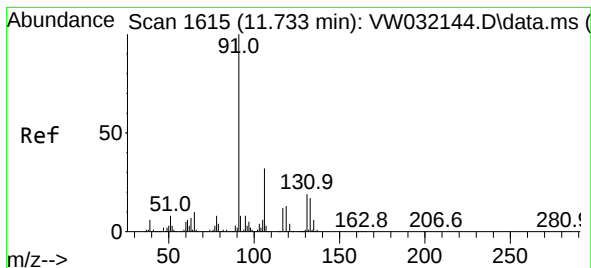
Tgt Ion:112 Resp: 143722
Ion Ratio Lower Upper
112 100
114 34.3 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.870 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

Tgt Ion:131 Resp: 48397
Ion Ratio Lower Upper
131 100
133 97.2 47.7 143.1
119 64.2 32.8 98.3

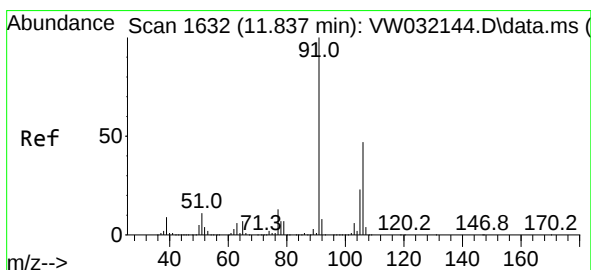
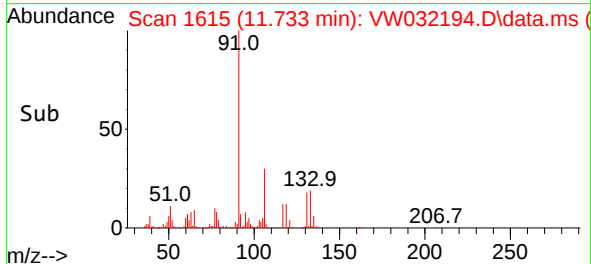
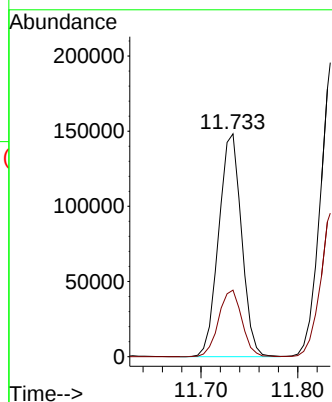
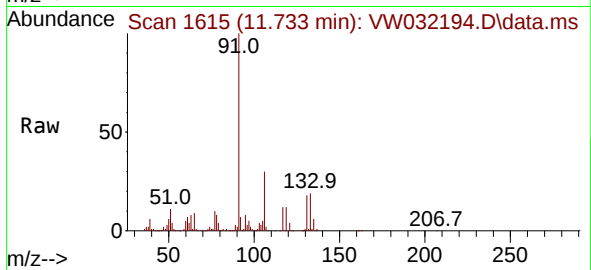




#67
Ethyl Benzene
Concen: 21.072 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. -0.000 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

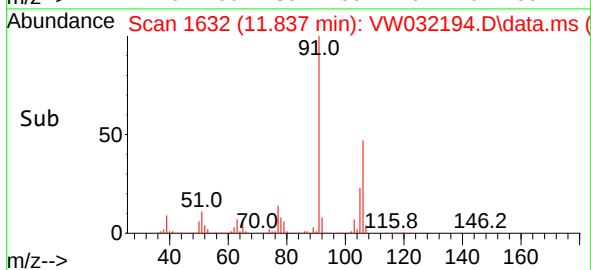
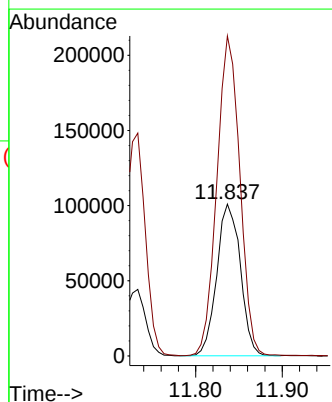
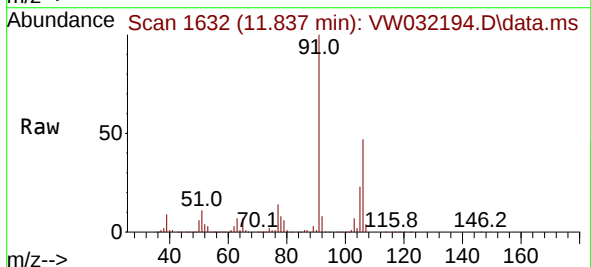
Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

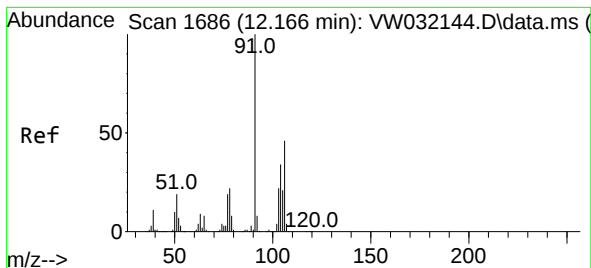
Tgt Ion: 91 Resp: 243181
Ion Ratio Lower Upper
91 100
106 29.9 25.3 37.9



#68
m/p-Xylenes
Concen: 42.968 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

Tgt Ion: 106 Resp: 190841
Ion Ratio Lower Upper
106 100
91 206.2 164.2 246.2

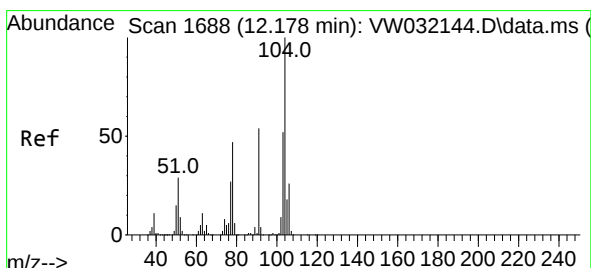
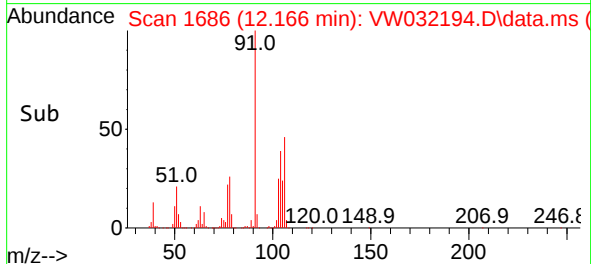
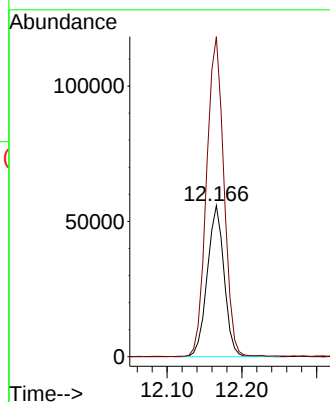
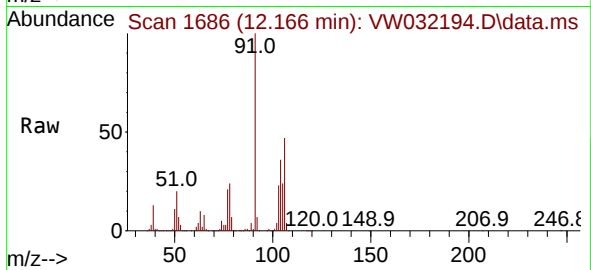




#69
o-Xylene
Concen: 20.774 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

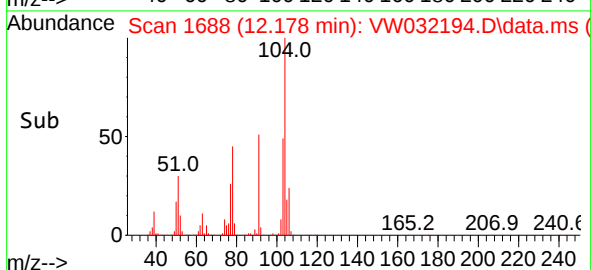
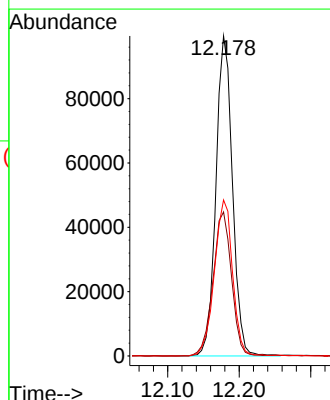
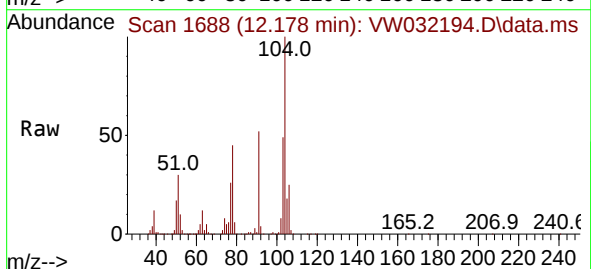
Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

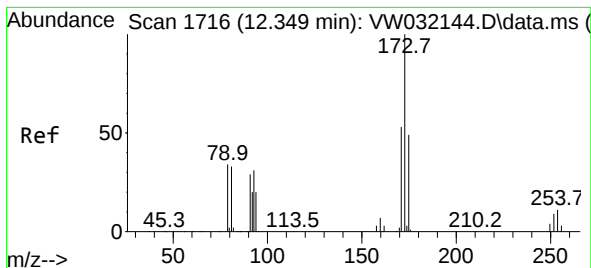
Tgt Ion:106 Resp: 87276
Ion Ratio Lower Upper
106 100
91 218.6 108.7 326.3



#70
Styrene
Concen: 21.538 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

Tgt Ion:104 Resp: 159510
Ion Ratio Lower Upper
104 100
78 50.5 41.6 62.4
103 53.9 44.8 67.2





#71

Bromoform

Concen: 20.329 ug/l

RT: 12.349 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032194.D

Acq: 18 Sep 2025 10:58

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS01

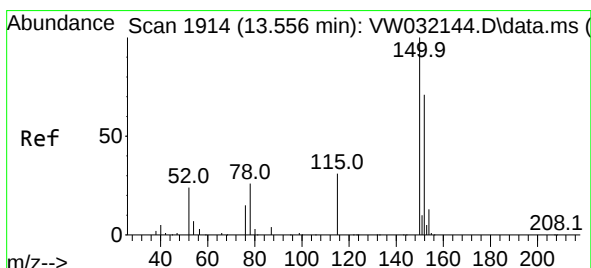
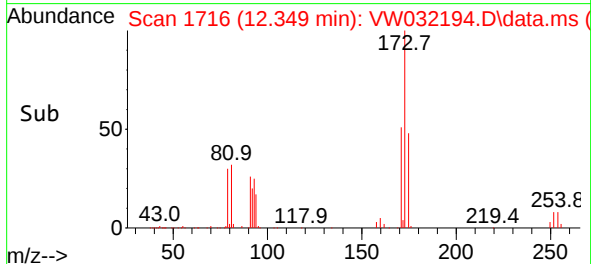
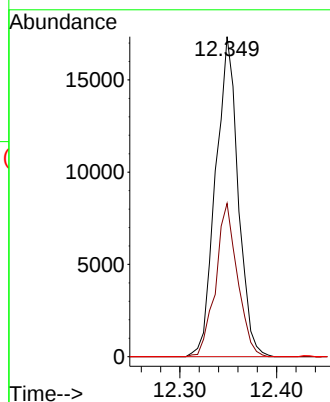
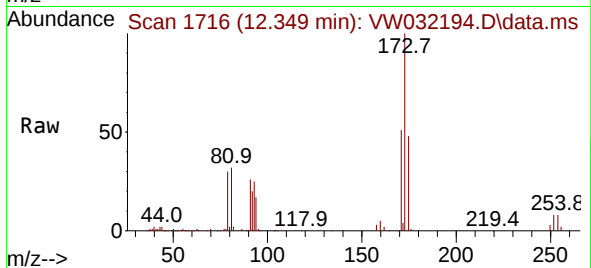
Tgt Ion:173 Resp: 27999

Ion Ratio Lower Upper

173 100

175 46.4 24.9 74.7

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW032194.D

Acq: 18 Sep 2025 10:58

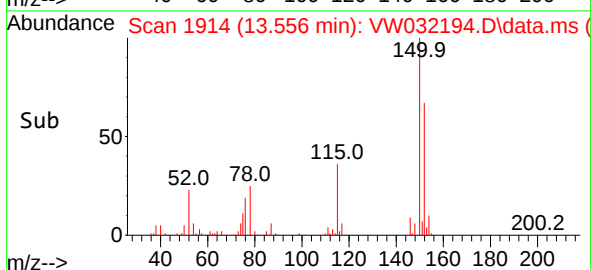
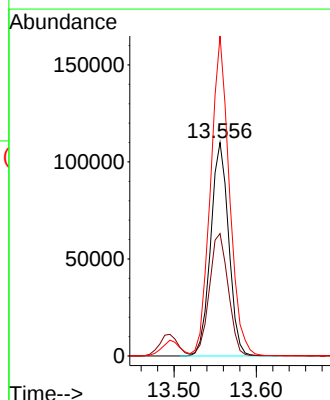
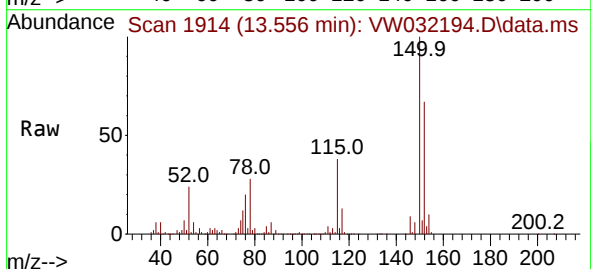
Tgt Ion:152 Resp: 167050

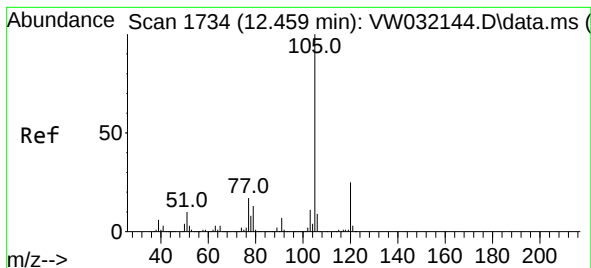
Ion Ratio Lower Upper

152 100

115 60.0 31.8 95.4

150 156.8 0.0 343.0





#73

Isopropylbenzene

Concen: 19.767 ug/l

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032194.D

Acq: 18 Sep 2025 10:58

Instrument :

MSVOA_W

ClientSampleId :

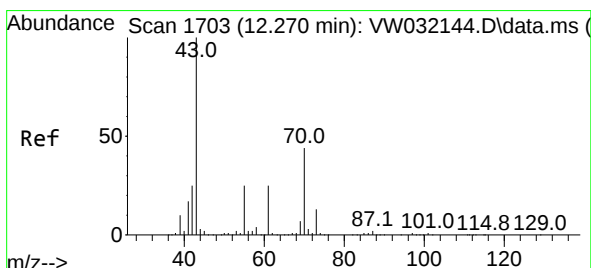
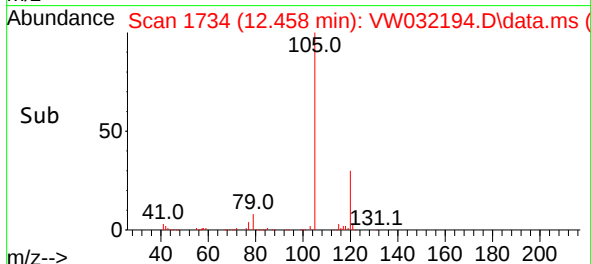
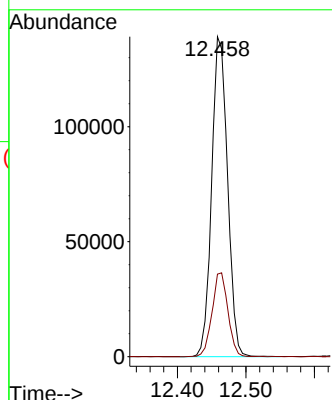
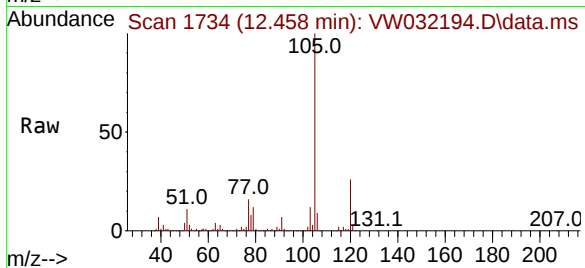
VW0918SBS01

Tgt Ion:105 Resp: 224333

Ion Ratio Lower Upper

105 100

120 26.2 13.0 38.9



#74

N-ethyl acetate

Concen: 20.117 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VW032194.D

Acq: 18 Sep 2025 10:58

Tgt Ion: 43 Resp: 66282

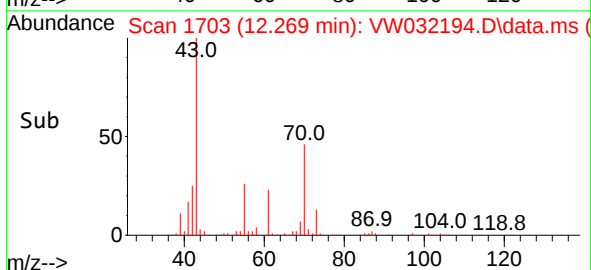
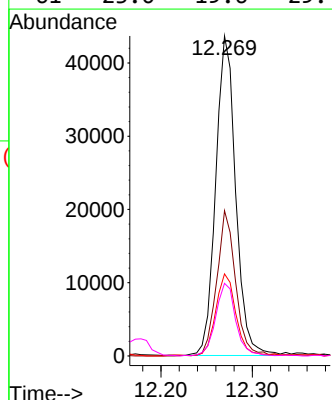
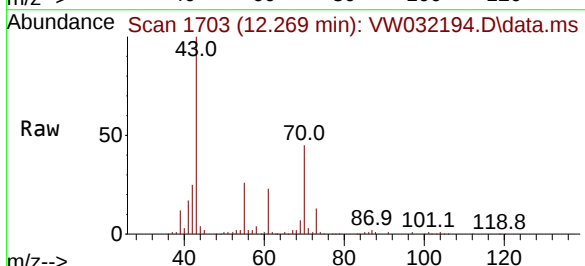
Ion Ratio Lower Upper

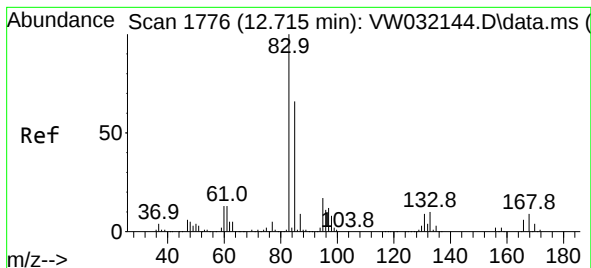
43 100

70 43.1 35.3 52.9

55 25.9 19.9 29.9

61 23.0 19.6 29.4

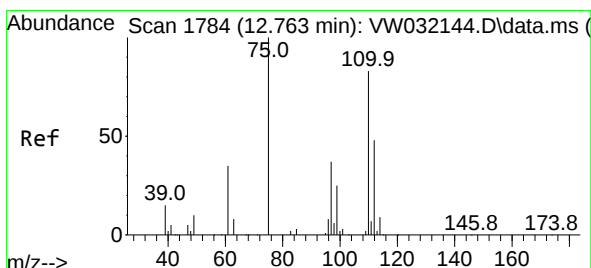
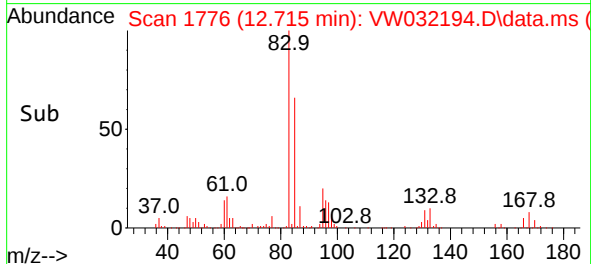
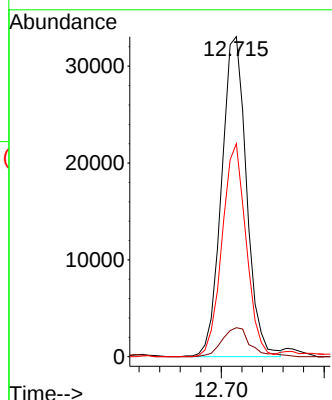
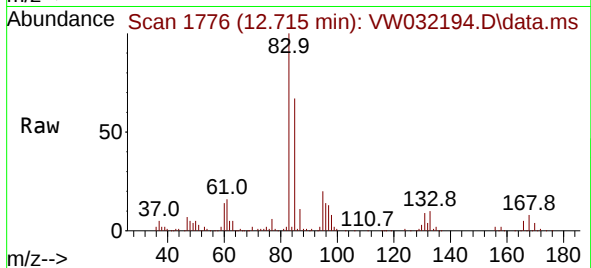




#75
1,1,2,2-Tetrachloroethane
Concen: 20.680 ug/l
RT: 12.715 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

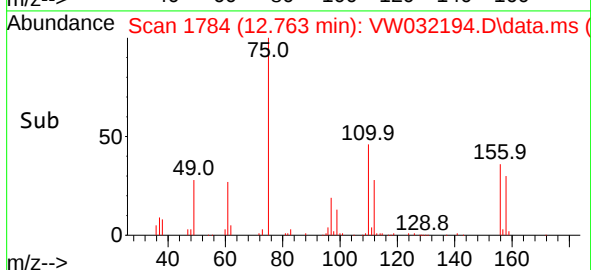
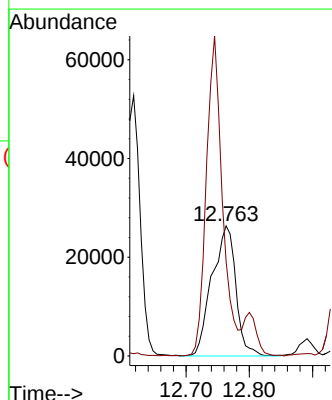
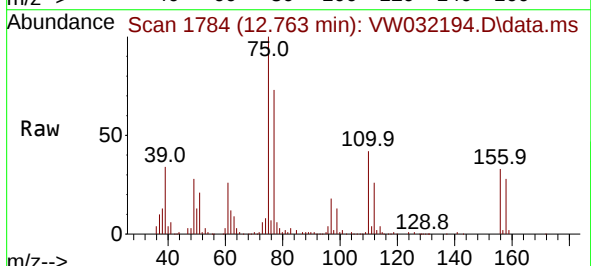
Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

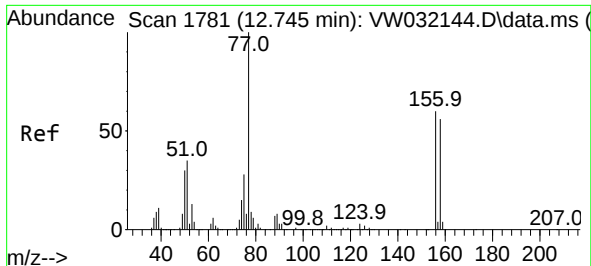
Tgt Ion: 83 Resp: 55774
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.4
85 64.1 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 33.019 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

Tgt Ion: 75 Resp: 69103
Ion Ratio Lower Upper
75 100
77 166.3 141.7 425.1

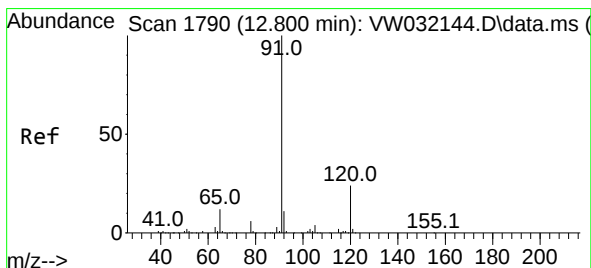
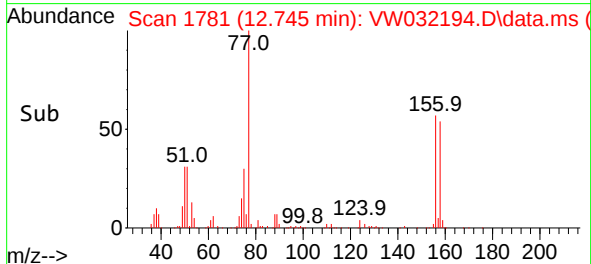
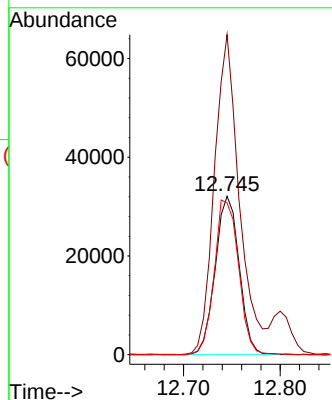
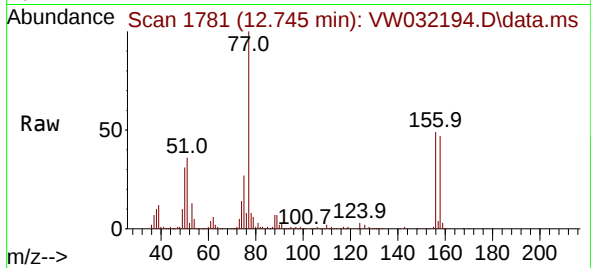




#77
Bromobenzene
Concen: 19.047 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

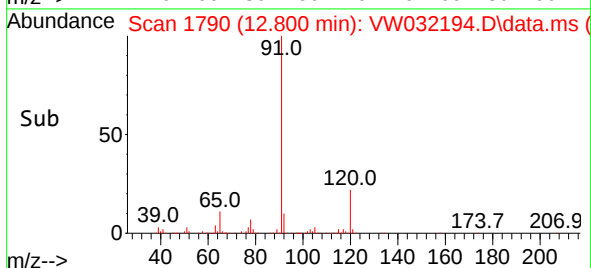
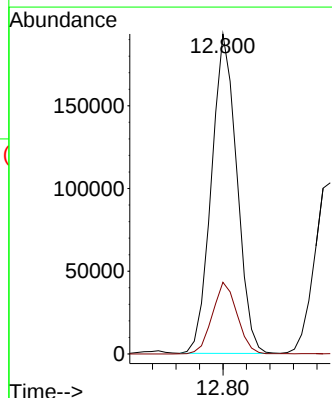
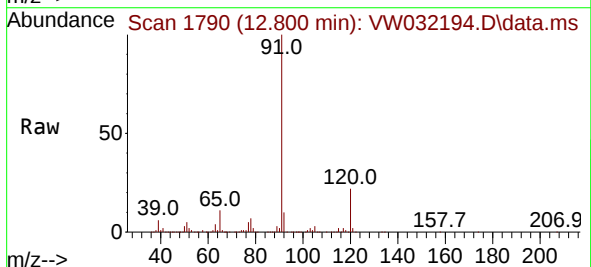
Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

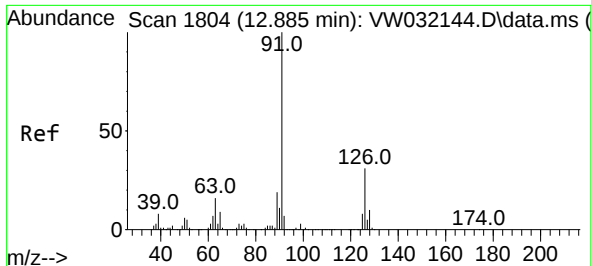
Tgt Ion:156 Resp: 55123
Ion Ratio Lower Upper
156 100
77 208.5 98.6 295.7
158 99.1 48.4 145.0



#78
n-propylbenzene
Concen: 21.076 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

Tgt Ion: 91 Resp: 290389
Ion Ratio Lower Upper
91 100
120 21.9 11.8 35.4





#79

2-Chlorotoluene

Concen: 20.170 ug/l

RT: 12.891 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VW032194.D

Acq: 18 Sep 2025 10:58

Instrument :

MSVOA_W

ClientSampleId :

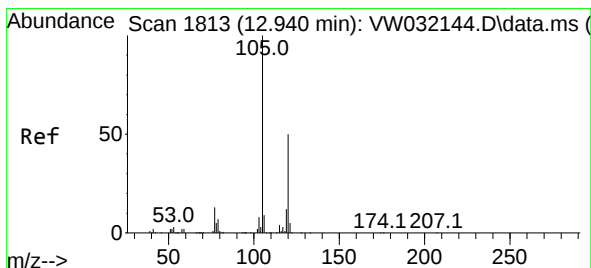
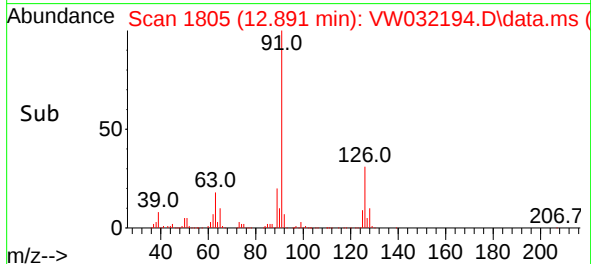
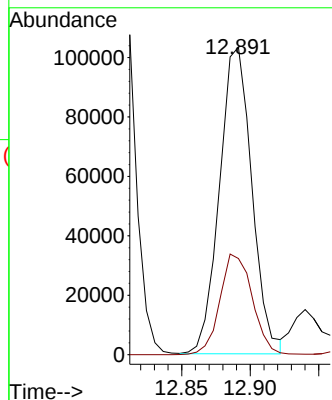
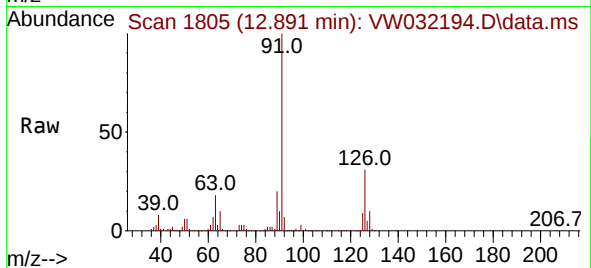
VW0918SBS01

Tgt Ion: 91 Resp: 169944

Ion Ratio Lower Upper

91 100

126 32.8 16.6 49.7



#80

1,3,5-Trimethylbenzene

Concen: 20.035 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW032194.D

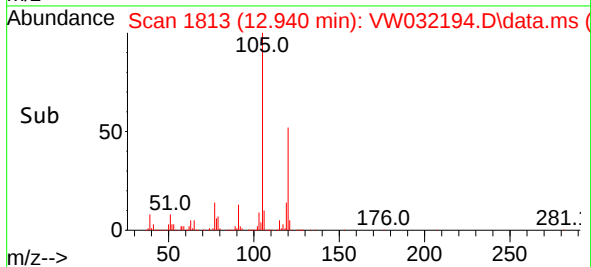
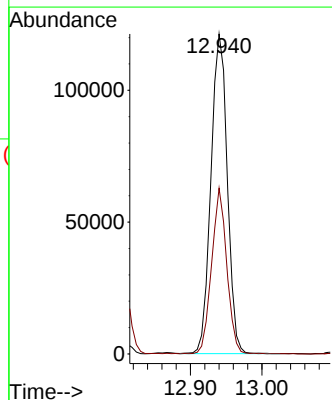
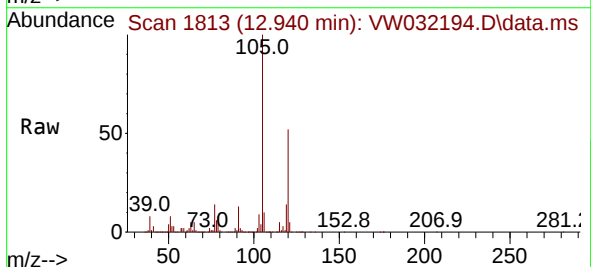
Acq: 18 Sep 2025 10:58

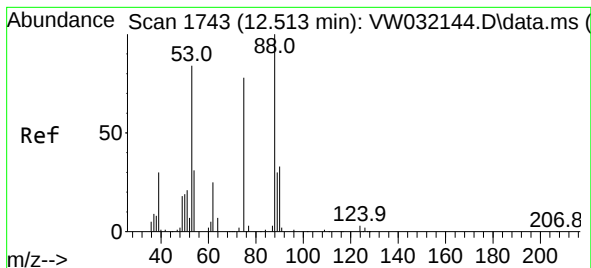
Tgt Ion:105 Resp: 192506

Ion Ratio Lower Upper

105 100

120 48.0 24.8 74.4

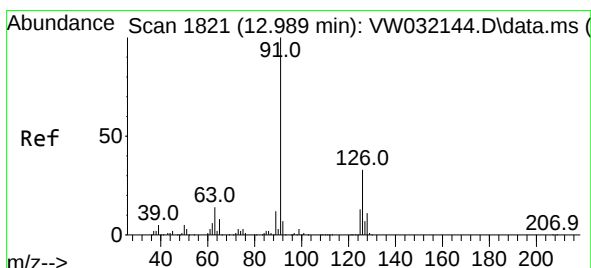
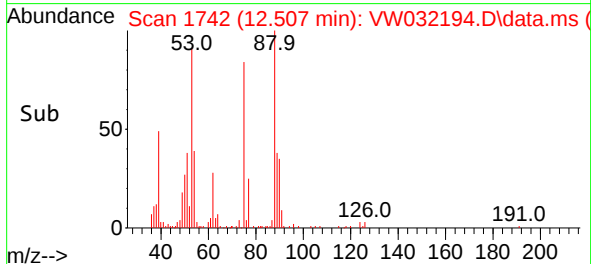
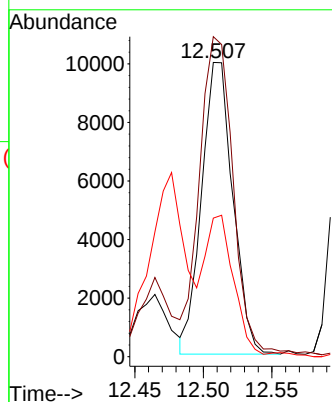
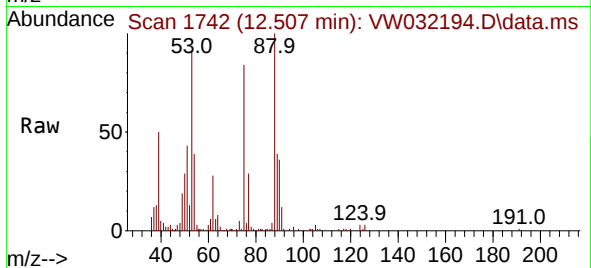




#81
trans-1,4-Dichloro-2-butene
Concen: 20.348 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

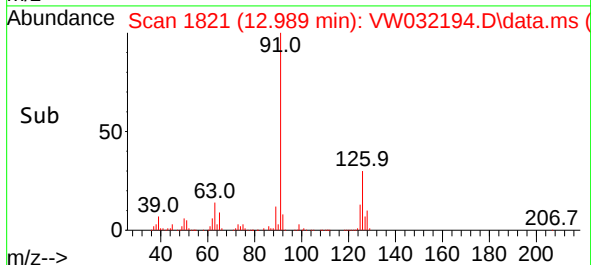
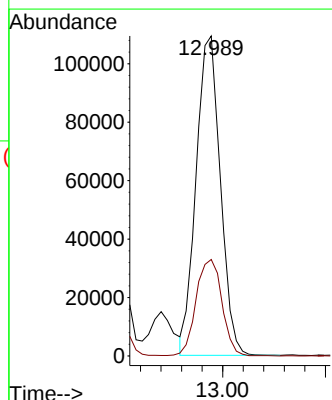
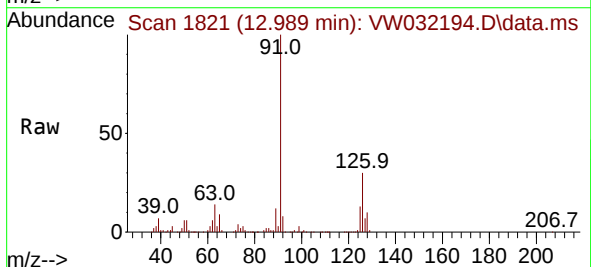
Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

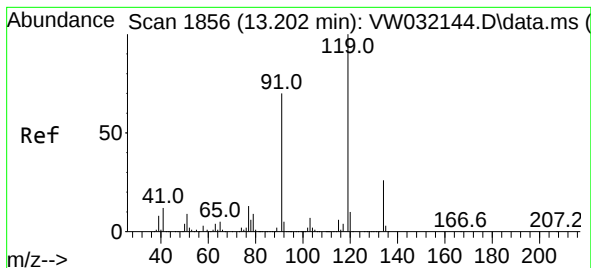
Tgt Ion: 75 Resp: 15816
Ion Ratio Lower Upper
75 100
53 117.8 91.0 136.6
89 42.5 39.4 59.2



#82
4-Chlorotoluene
Concen: 19.874 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VW032194.D
Acq: 18 Sep 2025 10:58

Tgt Ion: 91 Resp: 179242
Ion Ratio Lower Upper
91 100
126 32.3 16.1 48.2





#83

tert-Butylbenzene

Concen: 20.095 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. -0.000 min

Lab File: VW032194.D

Acq: 18 Sep 2025 10:58

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS01

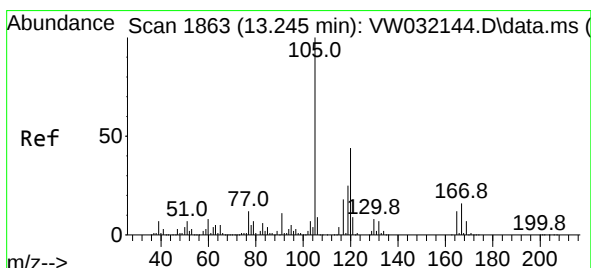
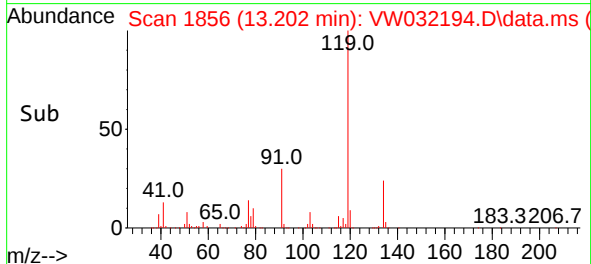
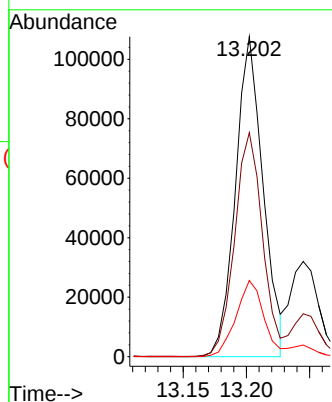
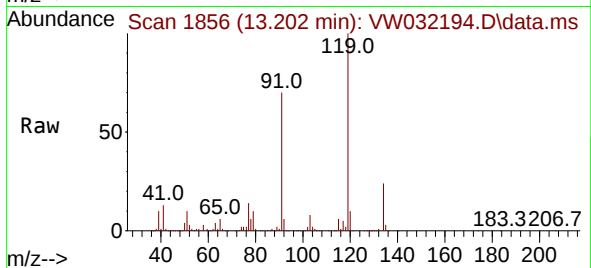
Tgt Ion:119 Resp: 163718

Ion Ratio Lower Upper

119 100

91 70.3 33.8 101.3

134 24.4 12.5 37.5



#84

1,2,4-Trimethylbenzene

Concen: 19.280 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW032194.D

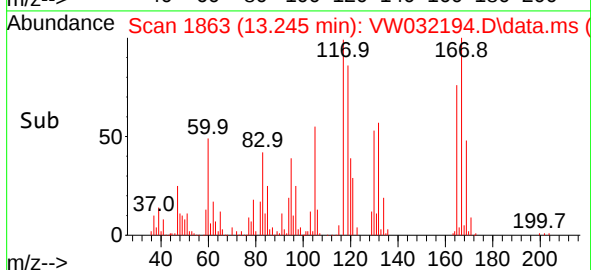
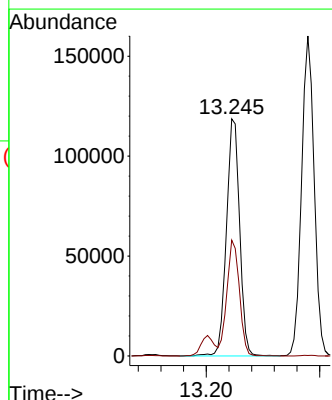
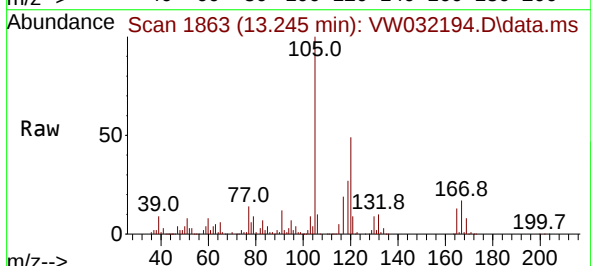
Acq: 18 Sep 2025 10:58

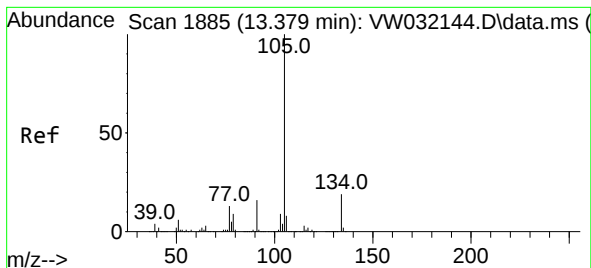
Tgt Ion:105 Resp: 191662

Ion Ratio Lower Upper

105 100

120 46.4 22.1 66.3





#85

sec-Butylbenzene

Concen: 20.256 ug/l

RT: 13.379 min Scan# 1185

Delta R.T. -0.000 min

Lab File: VW032194.D

Acq: 18 Sep 2025 10:58

Instrument :

MSVOA_W

ClientSampleId :

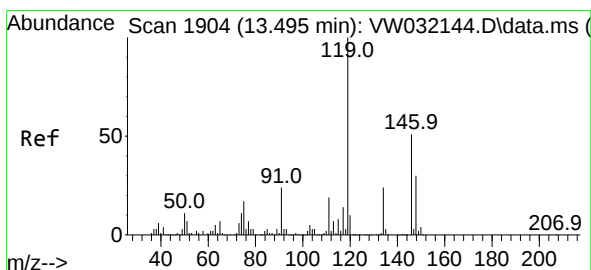
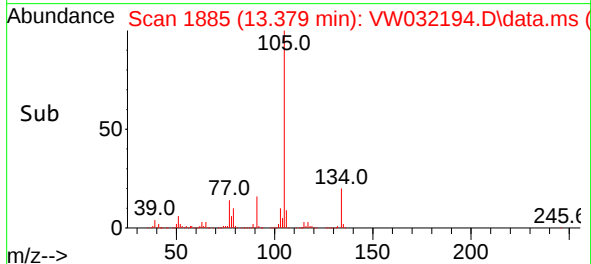
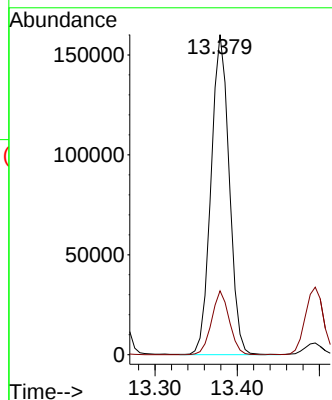
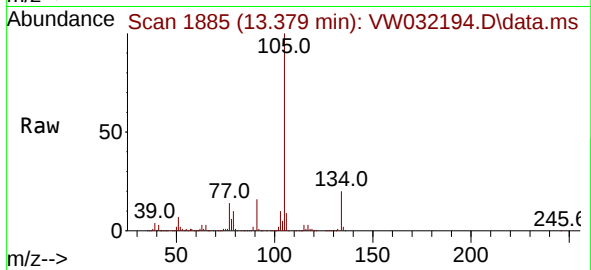
VW0918SBS01

Tgt Ion:105 Resp: 246386

Ion Ratio Lower Upper

105 100

134 19.3 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.998 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032194.D

Acq: 18 Sep 2025 10:58

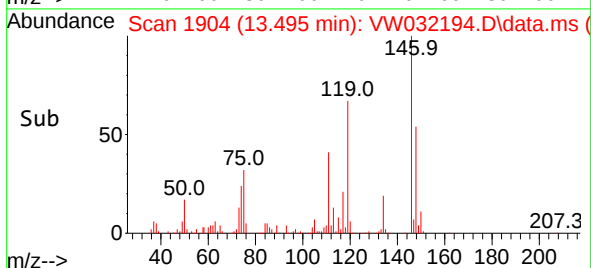
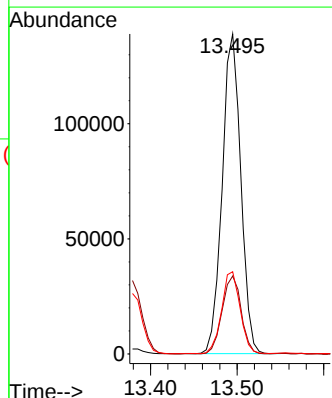
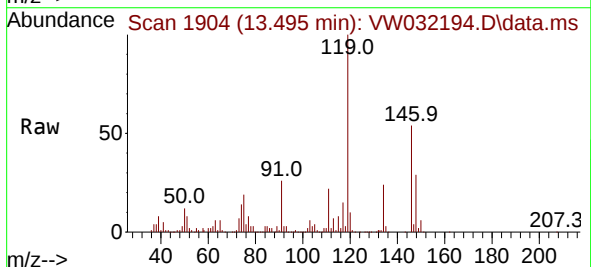
Tgt Ion:119 Resp: 206869

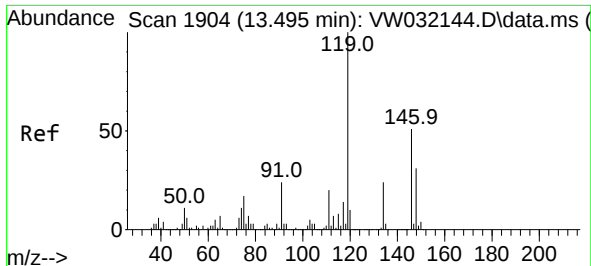
Ion Ratio Lower Upper

119 100

134 24.9 12.6 37.6

91 25.5 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 20.384 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032194.D

Acq: 18 Sep 2025 10:58

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS01

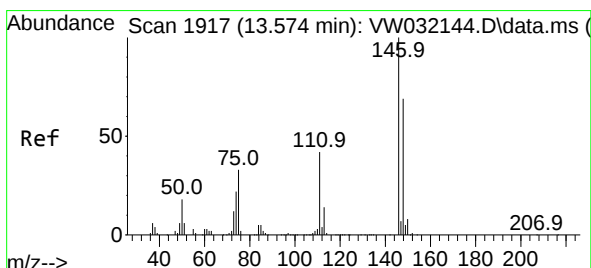
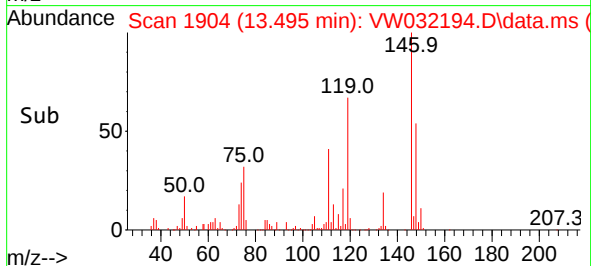
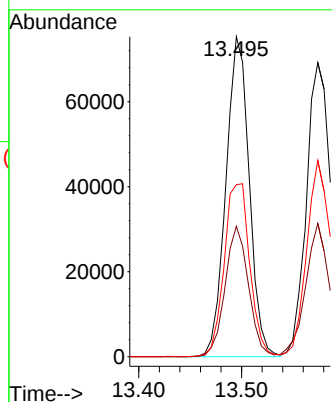
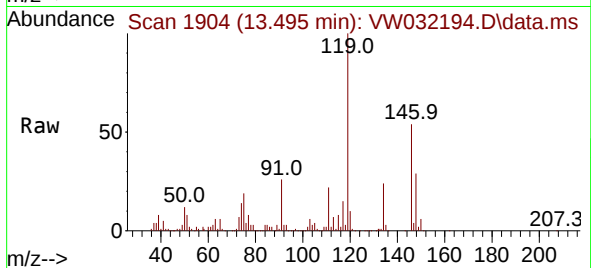
Tgt Ion:146 Resp: 118778

Ion Ratio Lower Upper

146 100

111 40.9 20.6 61.9

148 59.5 30.6 92.0



#88

1,4-Dichlorobenzene

Concen: 19.520 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032194.D

Acq: 18 Sep 2025 10:58

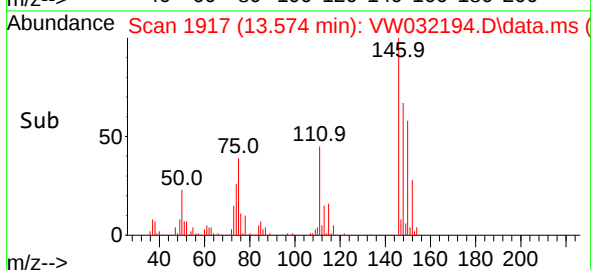
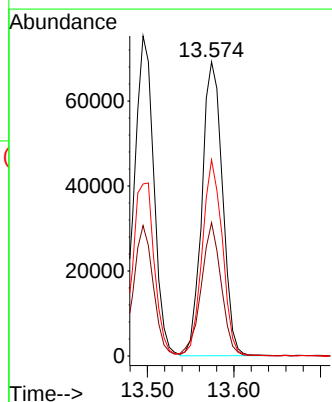
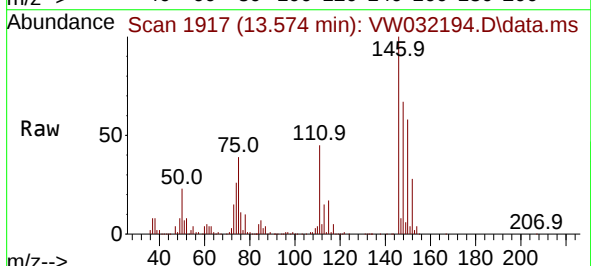
Tgt Ion:146 Resp: 114009

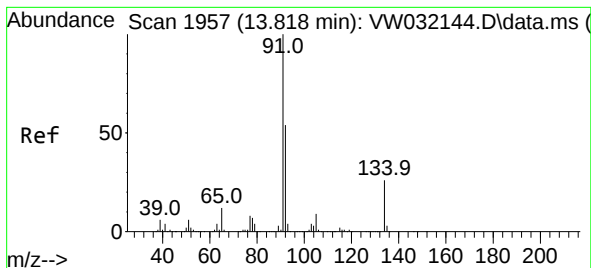
Ion Ratio Lower Upper

146 100

111 44.0 21.3 63.7

148 65.4 33.4 100.1





#89

n-Butylbenzene

Concen: 20.574 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VW032194.D

Acq: 18 Sep 2025 10:58

Instrument :

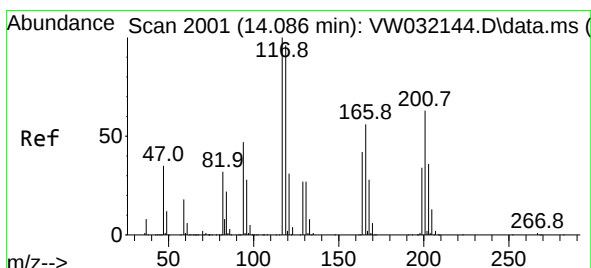
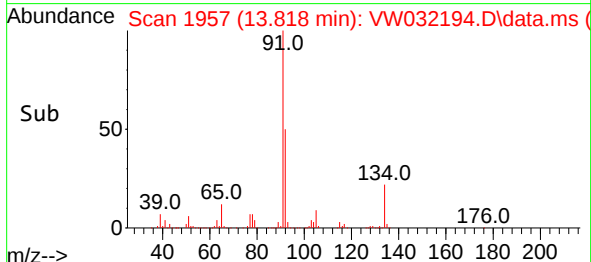
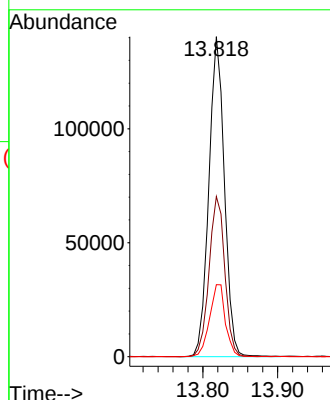
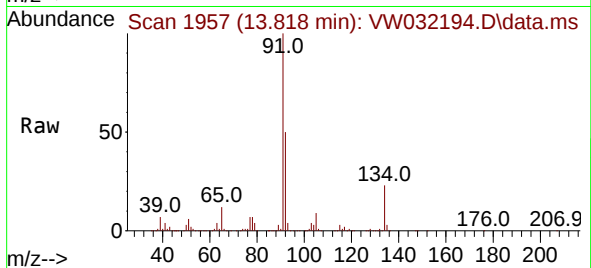
MSVOA_W

ClientSampleId :

VW0918SBS01

Tgt Ion: 91 Resp: 202900

Ion	Ratio	Lower	Upper
91	100		
92	50.7	27.0	81.0
134	22.9	13.1	39.3



#90

Hexachloroethane

Concen: 20.237 ug/l

RT: 14.086 min Scan# 2001

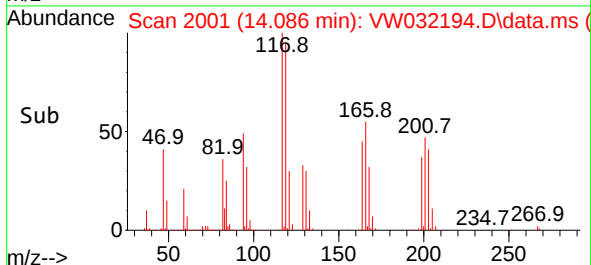
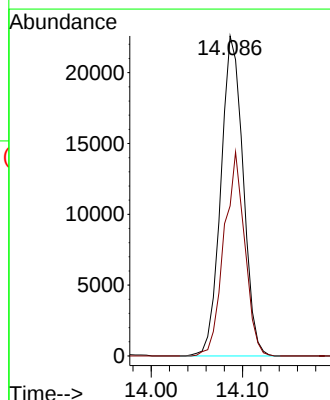
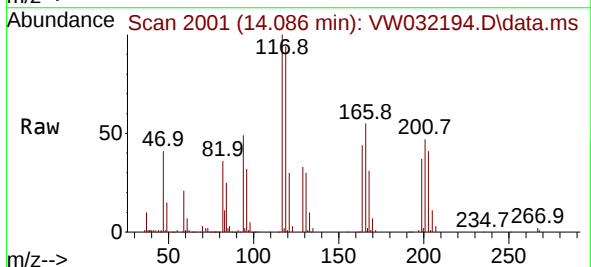
Delta R.T. -0.000 min

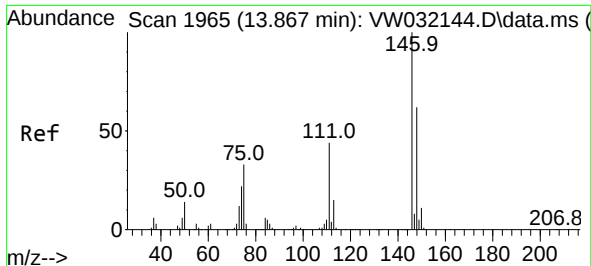
Lab File: VW032194.D

Acq: 18 Sep 2025 10:58

Tgt Ion: 117 Resp: 38291

Ion	Ratio	Lower	Upper
117	100		
201	59.5	32.8	98.4





#91

1,2-Dichlorobenzene

Concen: 20.109 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW032194.D

Acq: 18 Sep 2025 10:58

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS01

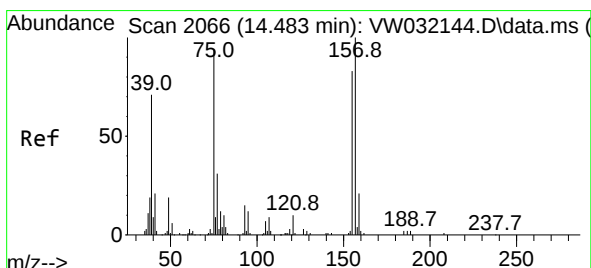
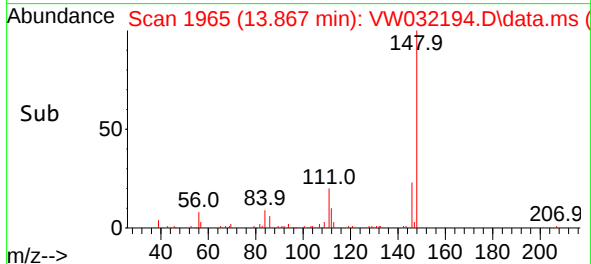
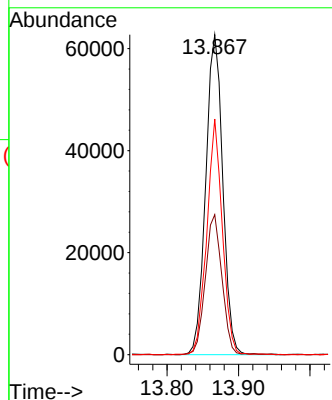
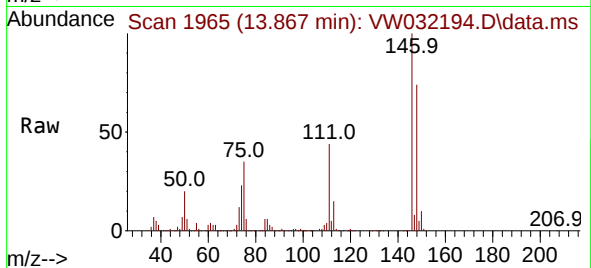
Tgt Ion:146 Resp: 103744

Ion Ratio Lower Upper

146 100

111 42.9 23.4 70.0

148 67.1 34.1 102.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.972 ug/l

RT: 14.483 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VW032194.D

Acq: 18 Sep 2025 10:58

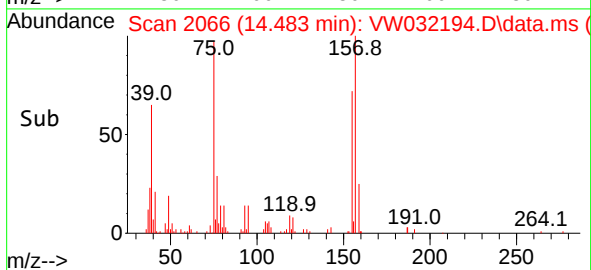
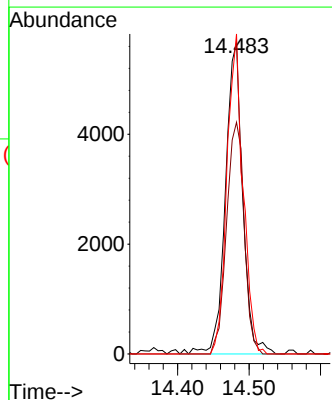
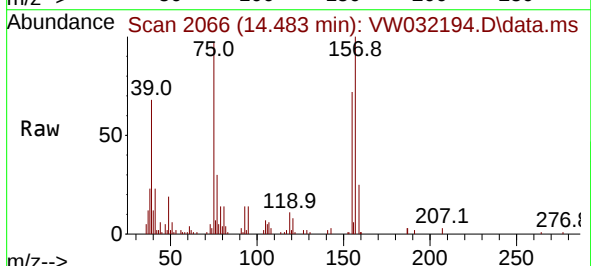
Tgt Ion: 75 Resp: 9516

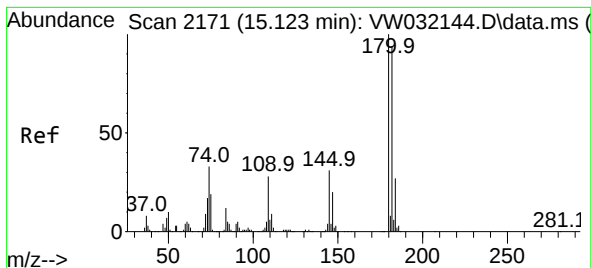
Ion Ratio Lower Upper

75 100

155 75.9 40.8 122.5

157 95.4 51.8 155.4





#93

1,2,4-Trichlorobenzene

Concen: 18.809 ug/l

RT: 15.123 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW032194.D

Acq: 18 Sep 2025 10:58

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS01

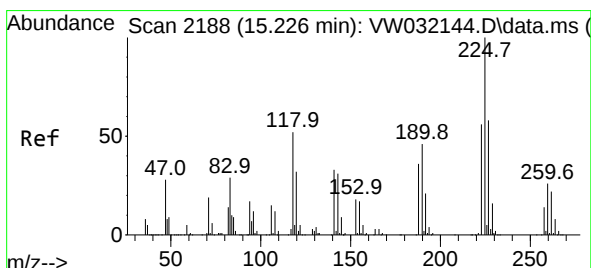
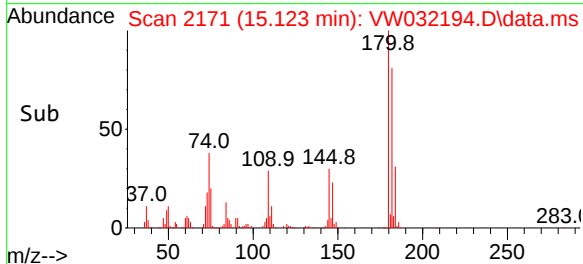
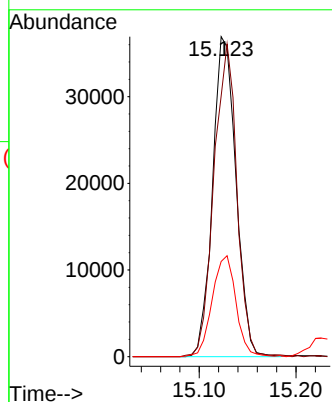
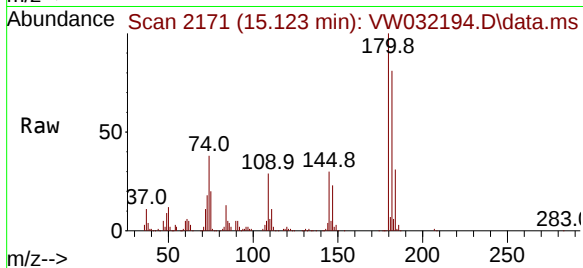
Tgt Ion:180 Resp: 61997

Ion Ratio Lower Upper

180 100

182 95.8 47.4 142.2

145 32.1 16.4 49.1



#94

Hexachlorobutadiene

Concen: 17.904 ug/l

RT: 15.232 min Scan# 2189

Delta R.T. 0.006 min

Lab File: VW032194.D

Acq: 18 Sep 2025 10:58

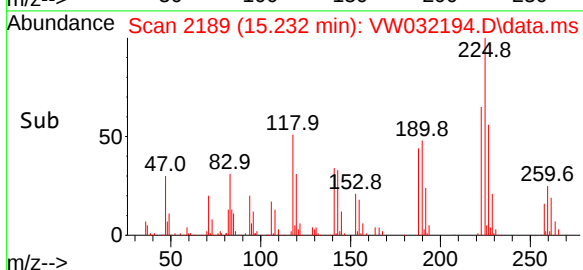
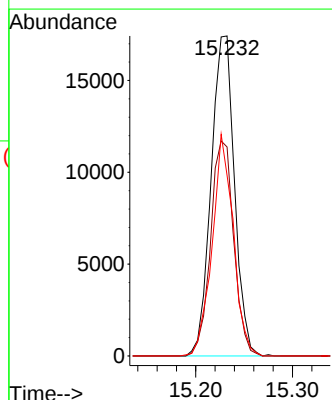
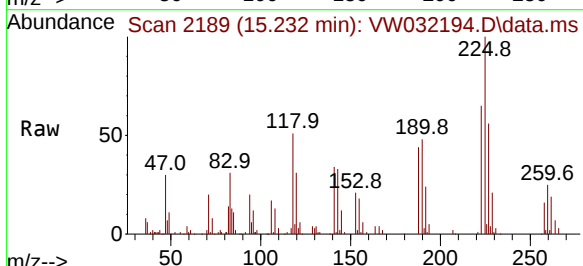
Tgt Ion:225 Resp: 29268

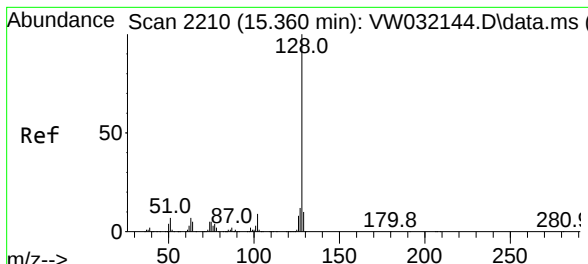
Ion Ratio Lower Upper

225 100

223 66.5 29.8 89.3

227 62.5 30.5 91.5



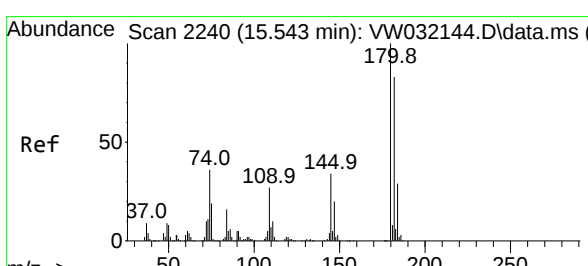
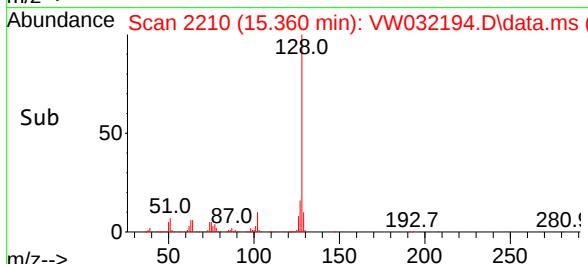
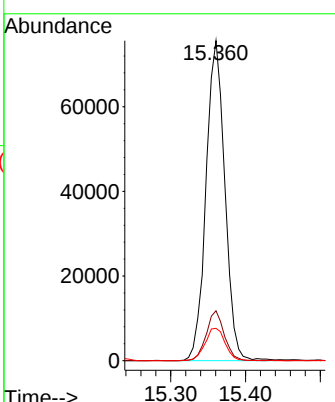
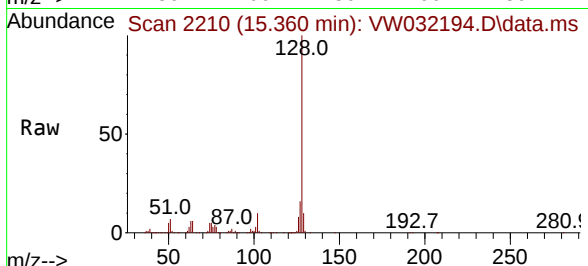


#95
 Naphthalene
 Concen: 17.791 ug/l
 RT: 15.360 min Scan# 2210
 Delta R.T. -0.000 min
 Lab File: VW032194.D
 Acq: 18 Sep 2025 10:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS01

Tgt Ion:128 Resp: 132717

Ion	Ratio	Lower	Upper
128	100		
127	14.9	10.6	16.0
129	10.8	8.4	12.6



#96
 1,2,3-Trichlorobenzene
 Concen: 19.170 ug/l
 RT: 15.549 min Scan# 2241
 Delta R.T. 0.006 min
 Lab File: VW032194.D
 Acq: 18 Sep 2025 10:58

Tgt Ion:180 Resp: 58764

Ion	Ratio	Lower	Upper
180	100		
182	93.0	47.7	143.1
145	34.9	17.2	51.6

