

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100325\
 Data File : VW032341.D
 Acq On : 03 Oct 2025 10:09
 Operator : SY/MD
 Sample : VW1003SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1003SBS01

Quant Time: Oct 04 04:58:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 02 21:24:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	278007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	517265	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	472342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	234620	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	205163	50.596	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 101.200%	
35) Dibromofluoromethane	7.898	113	166286	49.640	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 99.280%	
50) Toluene-d8	10.325	98	634254	51.300	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 102.600%	
62) 4-Bromofluorobenzene	12.617	95	233622	49.994	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 99.980%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.046	85	35922	20.591	ug/l	98
3) Chloromethane	2.253	50	52234	19.405	ug/l	96
4) Vinyl Chloride	2.405	62	70667	21.989	ug/l	98
5) Bromomethane	2.820	94	49316	20.882	ug/l	96
6) Chloroethane	2.960	64	44151	20.809	ug/l	100
7) Trichlorofluoromethane	3.301	101	48248	20.052	ug/l	90
8) Diethyl Ether	3.716	74	46088	22.104	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.106	101	59577	20.643	ug/l	94
10) Methyl Iodide	4.307	142	91242	22.157	ug/l	97
11) Tert butyl alcohol	5.210	59	35075	114.277	ug/l #	93
12) 1,1-Dichloroethene	4.076	96	67361	21.499	ug/l	97
13) Acrolein	3.923	56	58061	116.558	ug/l	98
14) Allyl chloride	4.698	41	112481	21.255	ug/l	90
15) Acrylonitrile	5.405	53	109612	101.052	ug/l	100
16) Acetone	4.155	43	121446	108.166	ug/l	96
17) Carbon Disulfide	4.417	76	182974	21.403	ug/l	97
18) Methyl Acetate	4.704	43	59609	18.533	ug/l	100
19) Methyl tert-butyl Ether	5.466	73	129887	21.048	ug/l	97
20) Methylene Chloride	4.947	84	97249	23.311	ug/l	95
21) trans-1,2-Dichloroethene	5.454	96	72569	20.920	ug/l	97
22) Diisopropyl ether	6.338	45	233975	21.259	ug/l	97
23) Vinyl Acetate	6.283	43	771189	104.905	ug/l	99
24) 1,1-Dichloroethane	6.240	63	138771	20.754	ug/l	98
25) 2-Butanone	7.191	43	157617	103.074	ug/l	97
26) 2,2-Dichloropropane	7.185	77	76859	22.472	ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	85248	20.456	ug/l	92
28) Bromochloromethane	7.526	49	63803	20.281	ug/l	86
29) Tetrahydrofuran	7.551	42	96869	100.733	ug/l	94
30) Chloroform	7.691	83	145892	21.514	ug/l	99
31) Cyclohexane	7.965	56	116831	20.467	ug/l	97
32) 1,1,1-Trichloroethane	7.886	97	103931	21.628	ug/l	98
36) 1,1-Dichloropropene	8.093	75	99053	20.952	ug/l	97
37) Ethyl Acetate	7.270	43	64082	20.364	ug/l	99
38) Carbon Tetrachloride	8.081	117	92784	20.856	ug/l	96
39) Methylcyclohexane	9.343	83	115670	20.284	ug/l	95
40) Benzene	8.337	78	306473	20.682	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	35690	21.045	ug/l	90
42) 1,2-Dichloroethane	8.410	62	101080	20.847	ug/l	100
43) Isopropyl Acetate	8.435	43	113745	20.376	ug/l	98
44) Trichloroethene	9.099	130	72667	20.943	ug/l	94
45) 1,2-Dichloropropane	9.374	63	75772	20.486	ug/l	100
46) Dibromomethane	9.465	93	47749	20.994	ug/l	95
47) Bromodichloromethane	9.648	83	107339	20.633	ug/l	95
48) Methyl methacrylate	9.441	41	53707	19.788	ug/l #	92
49) 1,4-Dioxane	9.465	88	12562	404.086	ug/l #	83
51) 4-Methyl-2-Pentanone	10.215	43	331203	102.436	ug/l	99
52) Toluene	10.392	92	194697	21.098	ug/l	98
53) t-1,3-Dichloropropene	10.611	75	101504	20.112	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	118144	20.322	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	64370	21.175	ug/l	94
56) Ethyl methacrylate	10.648	69	86806	20.402	ug/l	95
57) 1,3-Dichloropropane	10.934	76	111293	20.729	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	217670	96.127	ug/l	95
59) 2-Hexanone	10.971	43	236063	103.519	ug/l	98
60) Dibromochloromethane	11.129	129	71272	20.649	ug/l	98
61) 1,2-Dibromoethane	11.239	107	61866	20.872	ug/l	99
64) Tetrachloroethene	10.867	164	57582	20.373	ug/l	89
65) Chlorobenzene	11.660	112	214074	20.598	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.733	131	64483	19.921	ug/l	98
67) Ethyl Benzene	11.733	91	361410	20.863	ug/l	96
68) m/p-Xylenes	11.836	106	280266	41.956	ug/l	99
69) o-Xylene	12.166	106	127250	20.370	ug/l	96
70) Styrene	12.178	104	230366	21.121	ug/l	97
71) Bromoform	12.349	173	36374	19.604	ug/l #	98
73) Isopropylbenzene	12.464	105	331358	20.643	ug/l	100
74) N-amyl acetate	12.269	43	102583	20.033	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	79252	19.885	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	101030	32.722	ug/l	40
77) Bromobenzene	12.745	156	79932	20.658	ug/l	92
78) n-propylbenzene	12.800	91	413445	20.620	ug/l	98
79) 2-Chlorotoluene	12.891	91	253102	20.645	ug/l	97
80) 1,3,5-Trimethylbenzene	12.940	105	284439	20.493	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.513	75	24636	20.214	ug/l	96
82) 4-Chlorotoluene	12.989	91	265232	20.349	ug/l	100
83) tert-Butylbenzene	13.202	119	236976	20.809	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	288657	20.453	ug/l	99
85) sec-Butylbenzene	13.379	105	355980	20.455	ug/l	98
86) p-Isopropyltoluene	13.495	119	301518	20.880	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	160629	20.501	ug/l	95
88) 1,4-Dichlorobenzene	13.574	146	164120	20.949	ug/l	95
89) n-Butylbenzene	13.818	91	286635	20.330	ug/l	98
90) Hexachloroethane	14.092	117	51546	19.915	ug/l	92
91) 1,2-Dichlorobenzene	13.867	146	147501	20.826	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.476	75	13224	18.951	ug/l	90
93) 1,2,4-Trichlorobenzene	15.123	180	86078	20.268	ug/l	98
94) Hexachlorobutadiene	15.226	225	38516	19.836	ug/l	95
95) Naphthalene	15.360	128	197775	19.391	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	83600	20.884	ug/l	93

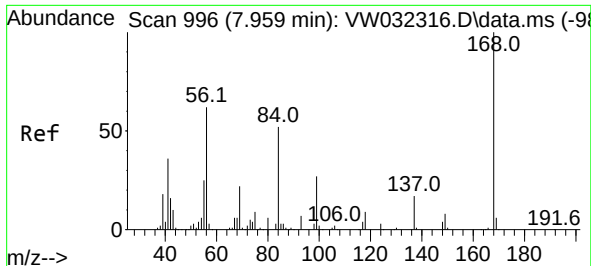
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Response via : Initial Calibration

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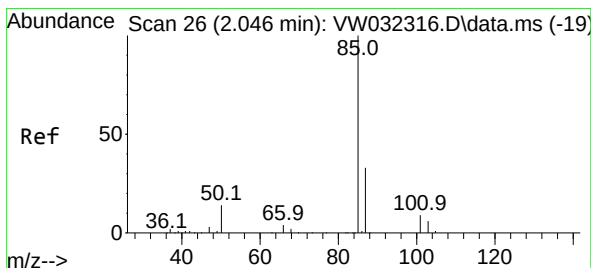
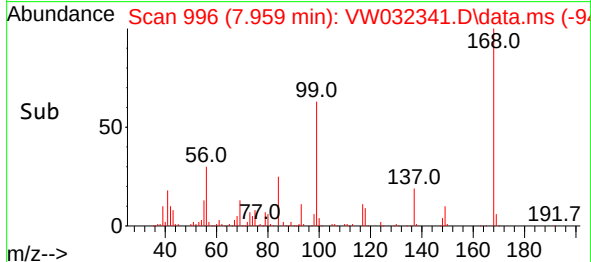
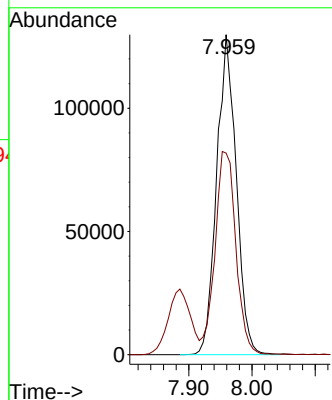
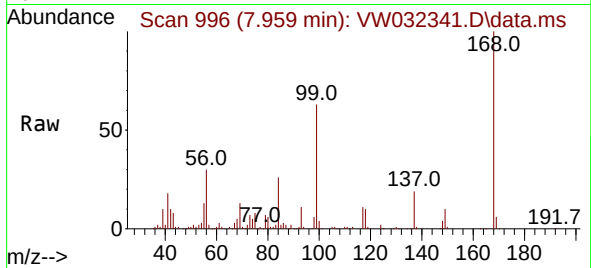
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

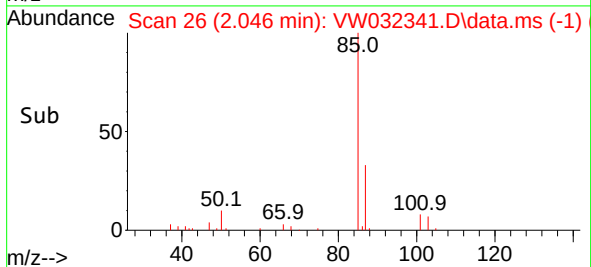
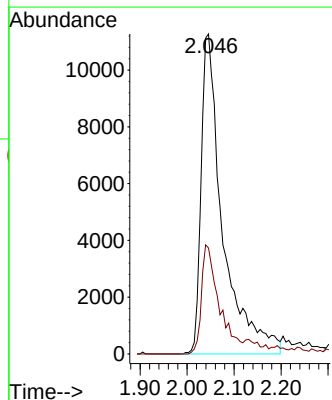
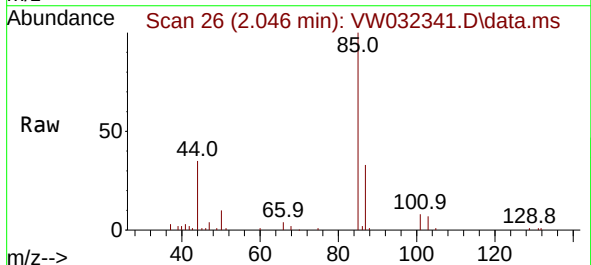
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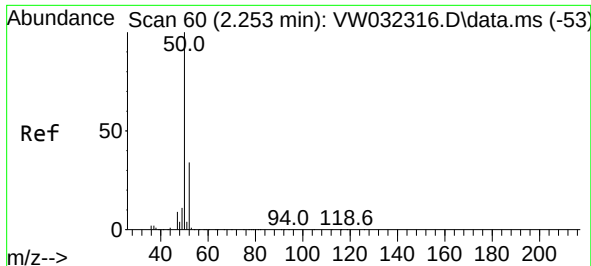
Tgt Ion:168 Resp: 278007
Ion Ratio Lower Upper
168 100
99 62.9 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 20.591 ug/l
RT: 2.046 min Scan# 26
Delta R.T. -0.000 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

Tgt Ion: 85 Resp: 35922
Ion Ratio Lower Upper
85 100
87 33.1 17.2 51.6

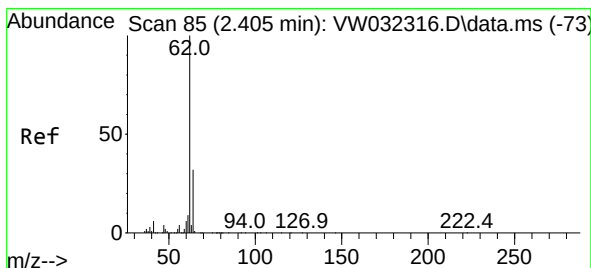
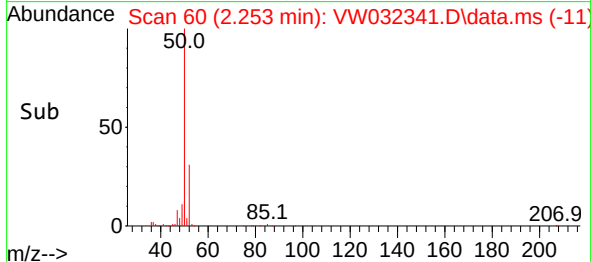
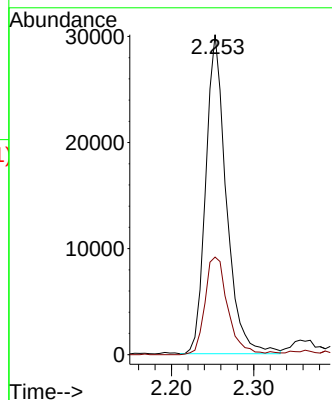
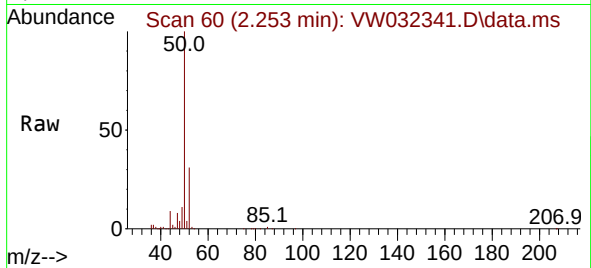




#3
Chloromethane
Concen: 19.405 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.000 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

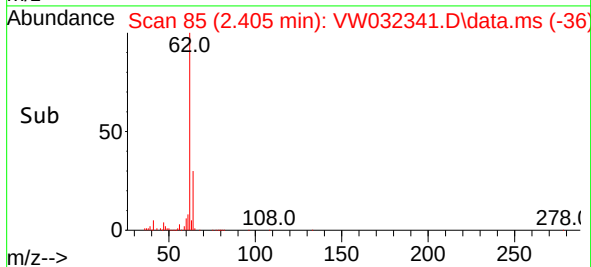
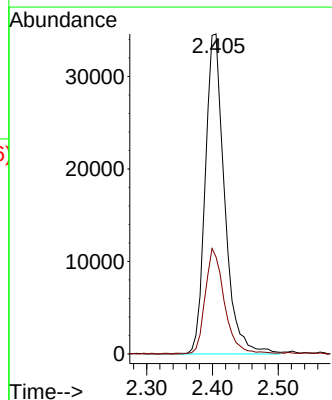
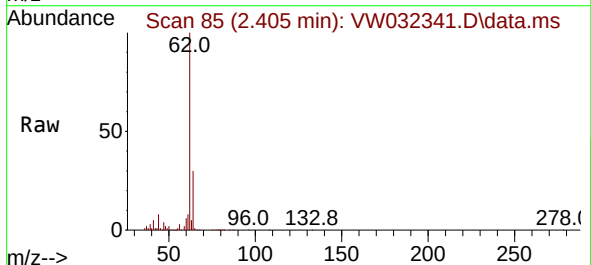
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ClientSampleId :
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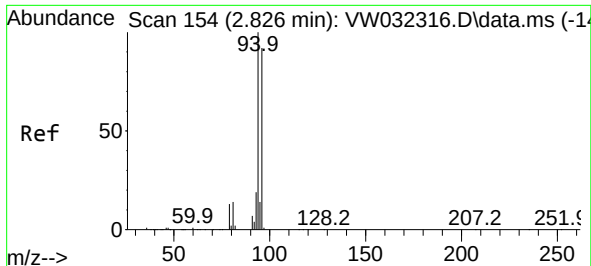
Tgt Ion: 50 Resp: 52234
Ion Ratio Lower Upper
50 100
52 30.6 26.1 39.1



#4
Vinyl Chloride
Concen: 21.989 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

Tgt Ion: 62 Resp: 70667
Ion Ratio Lower Upper
62 100
64 30.1 24.8 37.2

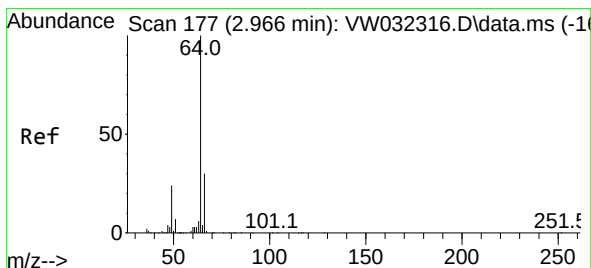
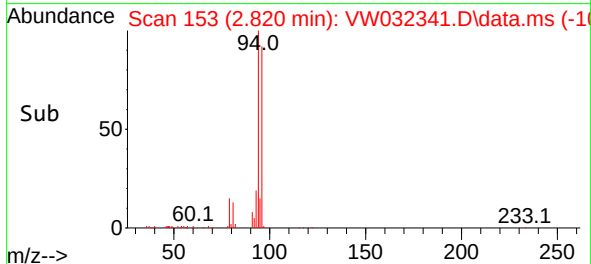
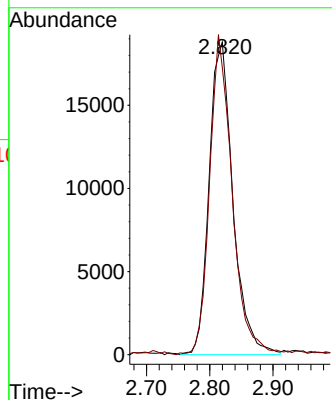
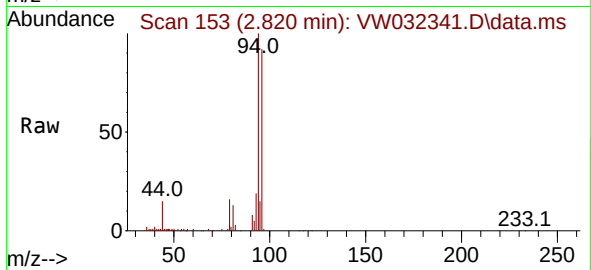




#5
Bromomethane
Concen: 20.882 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

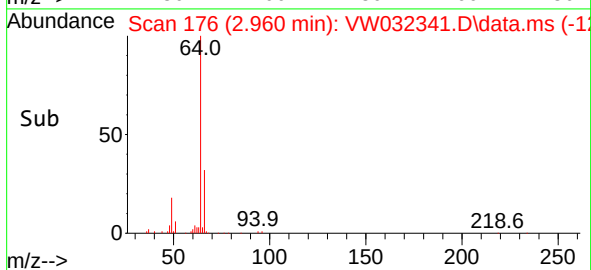
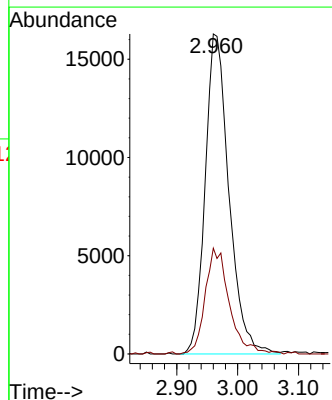
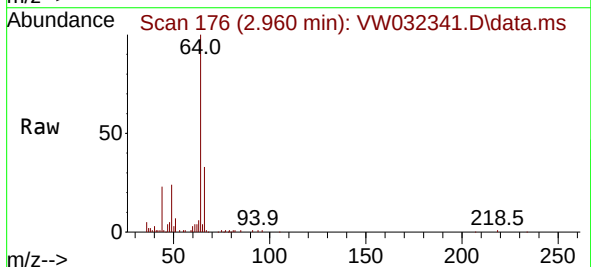
Instrument :
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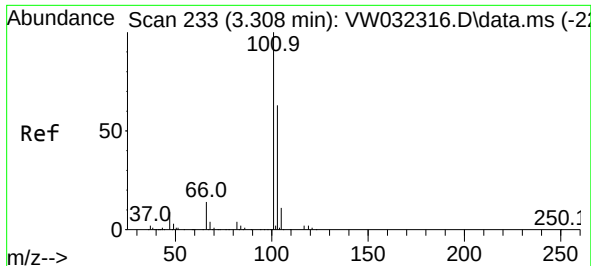
Tgt Ion: 94 Resp: 49316
Ion Ratio Lower Upper
94 100
96 91.4 76.6 115.0



#6
Chloroethane
Concen: 20.809 ug/l
RT: 2.960 min Scan# 176
Delta R.T. -0.012 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

Tgt Ion: 64 Resp: 44151
Ion Ratio Lower Upper
64 100
66 33.1 26.2 39.4

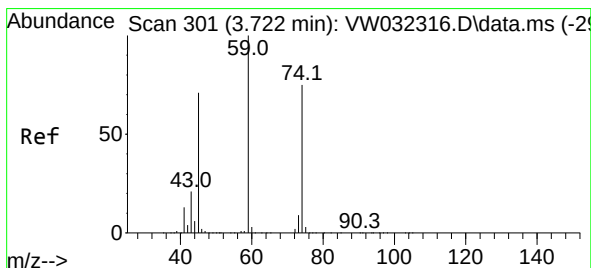
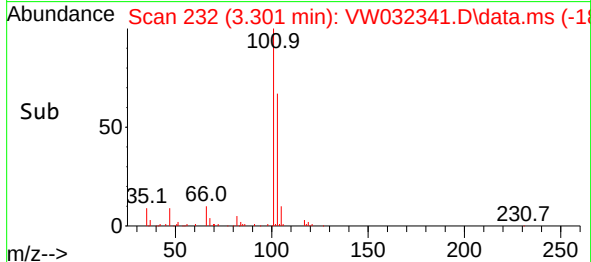
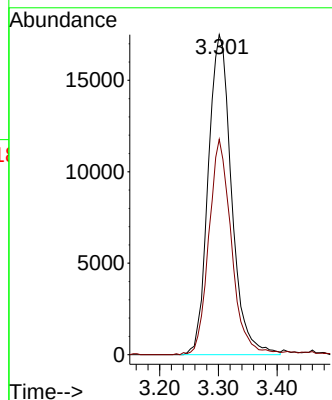
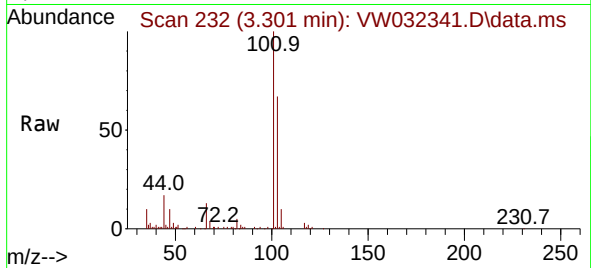




#7
 Trichlorofluoromethane
 Concen: 20.052 ug/l
 RT: 3.301 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW032341.D
 Acq: 03 Oct 2025 10:09

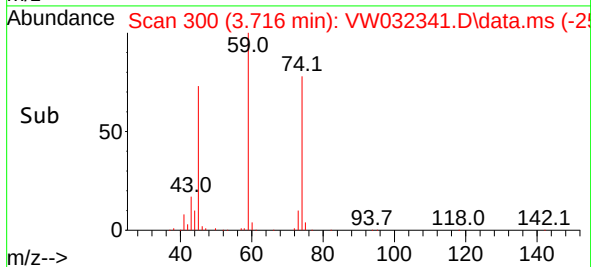
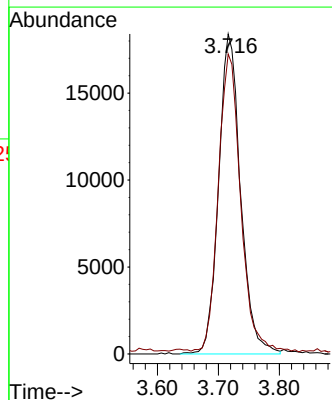
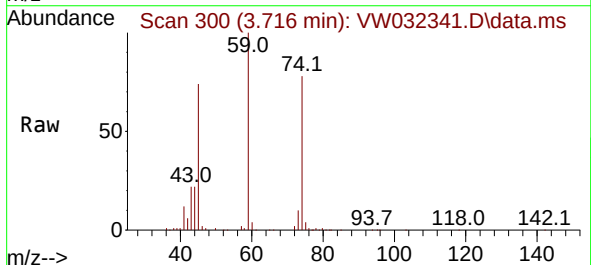
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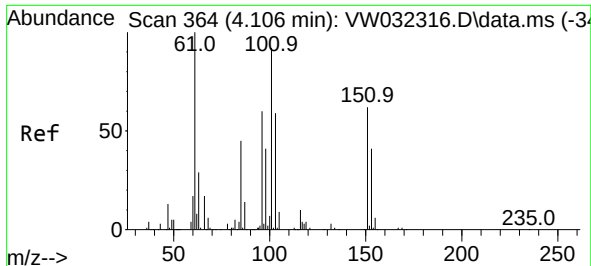
Tgt Ion:101 Resp: 48248
 Ion Ratio Lower Upper
 101 100
 103 67.3 47.8 71.8



#8
 Diethyl Ether
 Concen: 22.104 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. -0.000 min
 Lab File: VW032341.D
 Acq: 03 Oct 2025 10:09

Tgt Ion: 74 Resp: 46088
 Ion Ratio Lower Upper
 74 100
 45 94.7 43.1 129.4

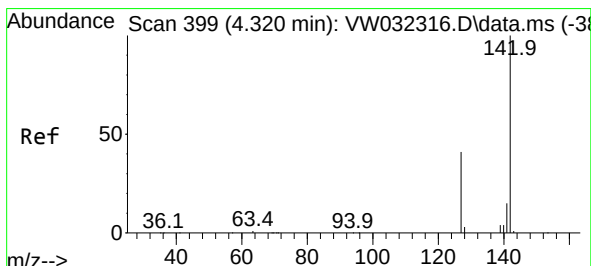
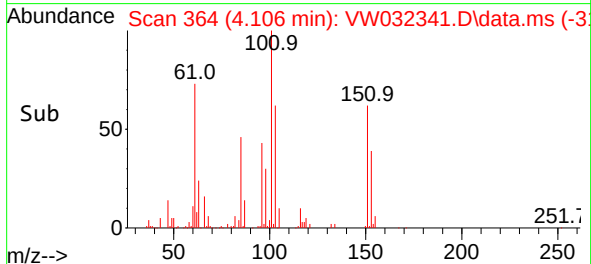
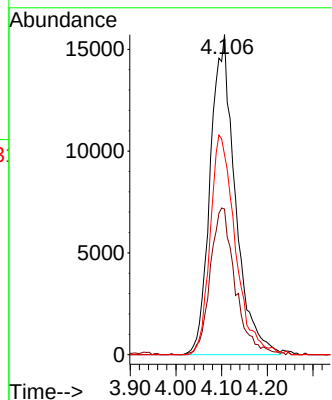
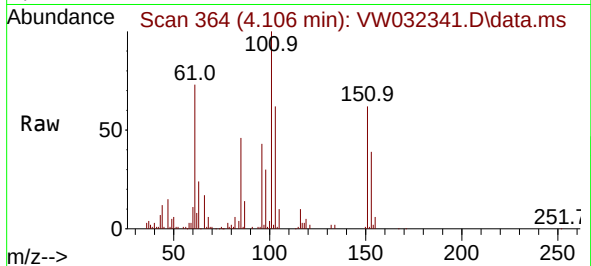




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.643 ug/l
RT: 4.106 min Scan# 301
Delta R.T. -0.000 min
Lab File: VW032341.D
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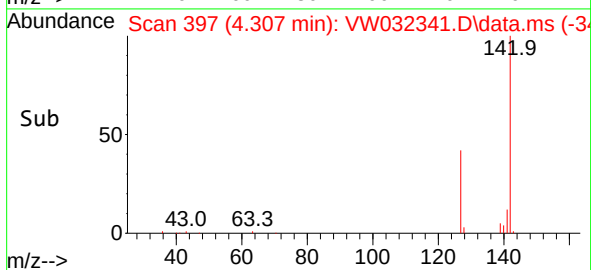
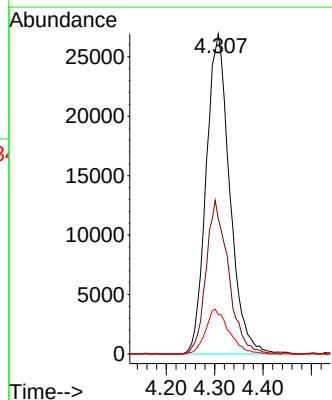
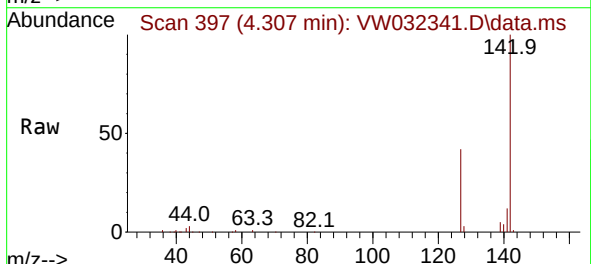
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ClientSampleId :
VW1003SBS01

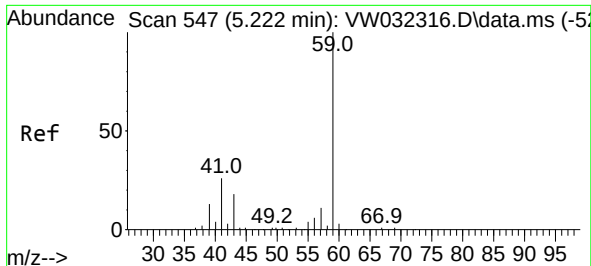
Tgt Ion:101 Resp: 59577
Ion Ratio Lower Upper
101 100
85 46.1 37.1 55.7
151 69.3 61.5 92.3



#10
Methyl Iodide
Concen: 22.157 ug/l
RT: 4.307 min Scan# 397
Delta R.T. -0.006 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

Tgt Ion:142 Resp: 91242
Ion Ratio Lower Upper
142 100
127 45.8 38.2 57.2
141 13.9 12.2 18.2

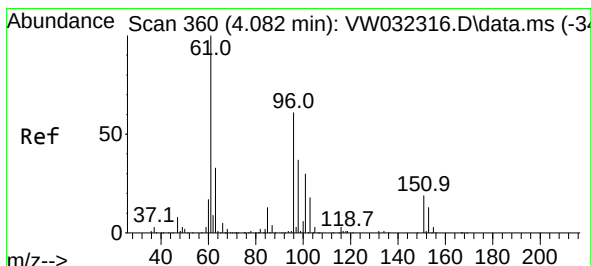
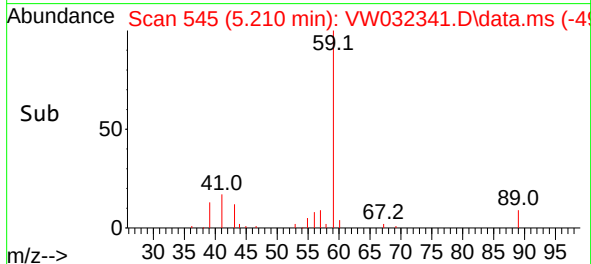
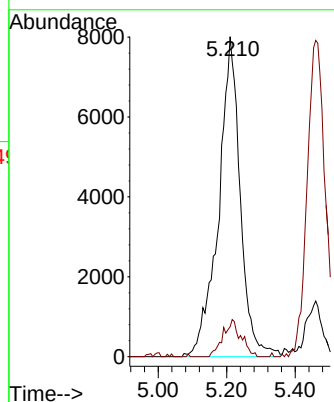
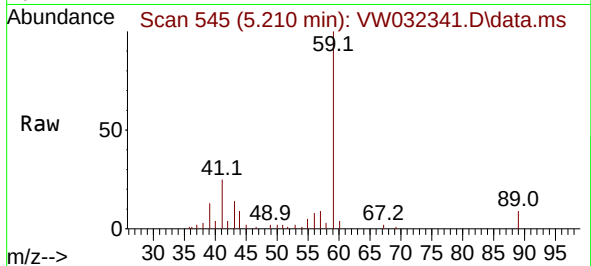




#11
Tert butyl alcohol
Concen: 114.277 ug/l
RT: 5.210 min Scan# 54
Delta R.T. -0.012 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

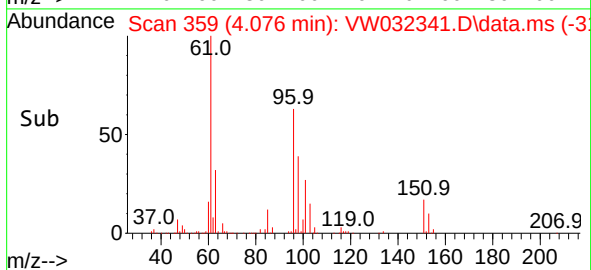
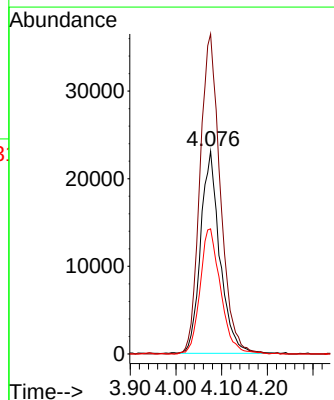
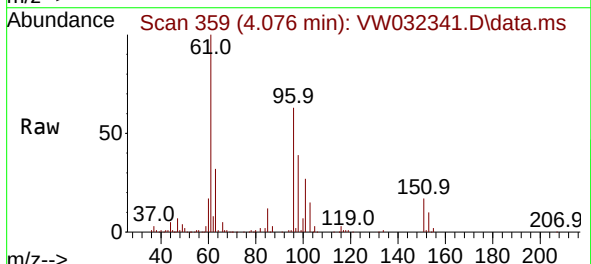
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBS01

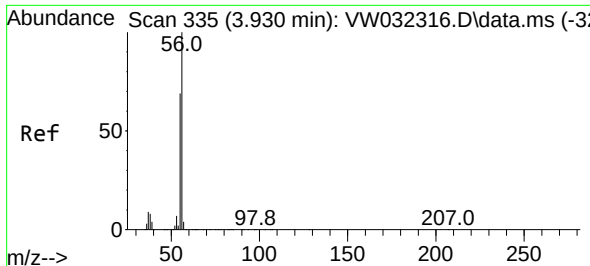
Tgt Ion: 59 Resp: 35075
Ion Ratio Lower Upper
59 100
57 9.6 9.8 14.6#



#12
1,1-Dichloroethene
Concen: 21.499 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.000 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

Tgt Ion: 96 Resp: 67361
Ion Ratio Lower Upper
96 100
61 158.3 123.0 184.4
98 61.9 48.5 72.7

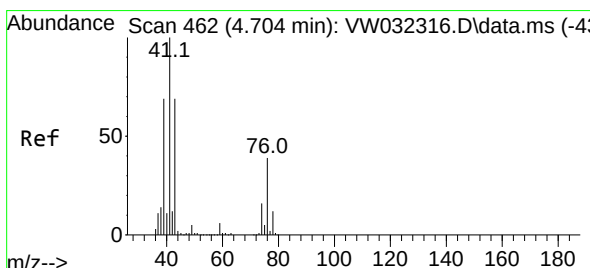
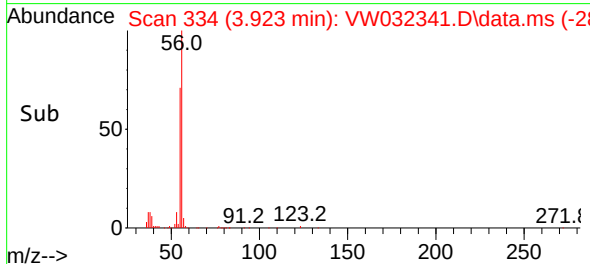
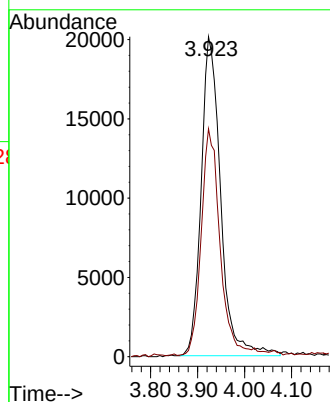
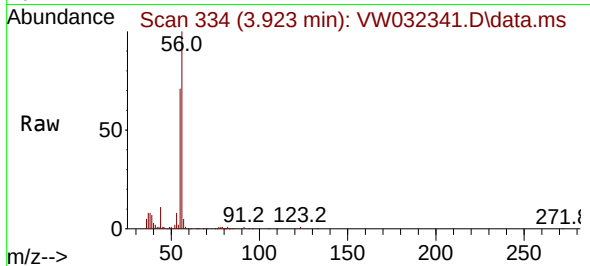




#13
Acrolein
Concen: 116.558 ug/l
RT: 3.923 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

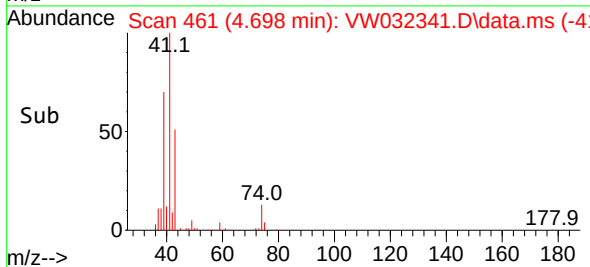
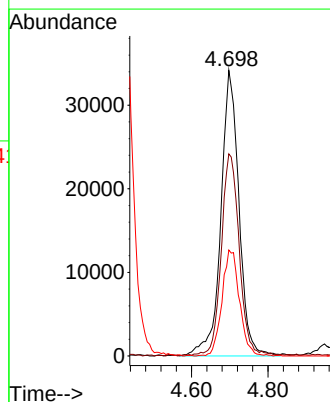
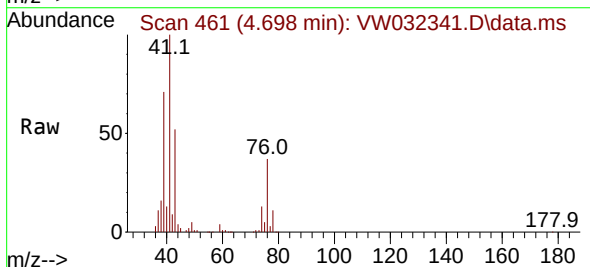
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBS01

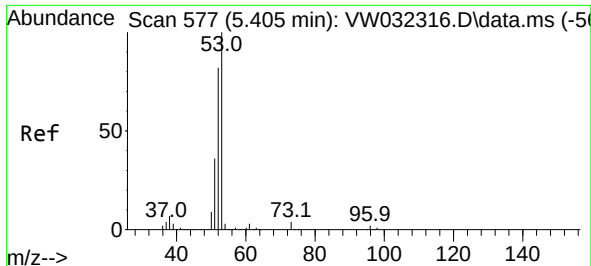
Tgt Ion: 56 Resp: 58061
Ion Ratio Lower Upper
56 100
55 68.9 56.4 84.6



#14
Allyl chloride
Concen: 21.255 ug/l
RT: 4.698 min Scan# 461
Delta R.T. -0.006 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

Tgt Ion: 41 Resp: 112481
Ion Ratio Lower Upper
41 100
39 69.5 64.1 96.1
76 35.6 31.4 47.2

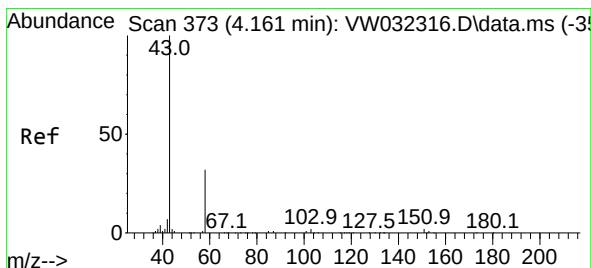
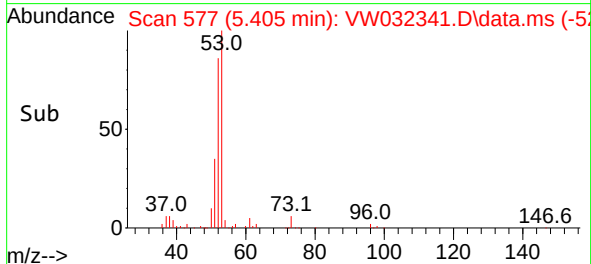
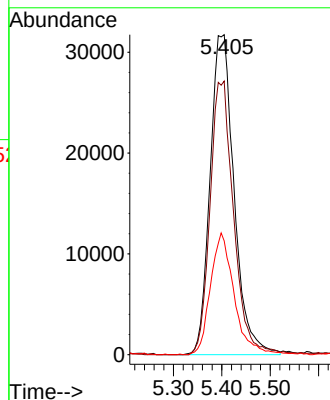
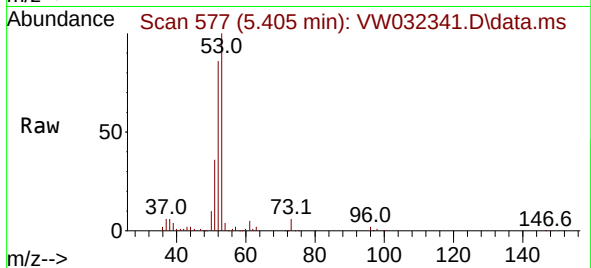




#15
Acrylonitrile
Concen: 101.052 ug/l
RT: 5.405 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

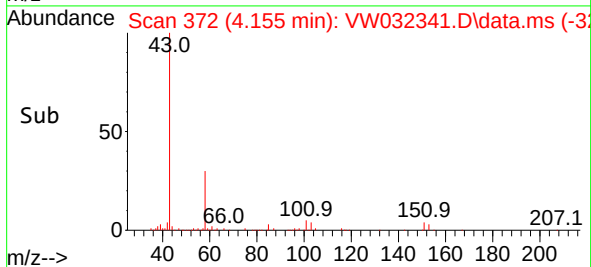
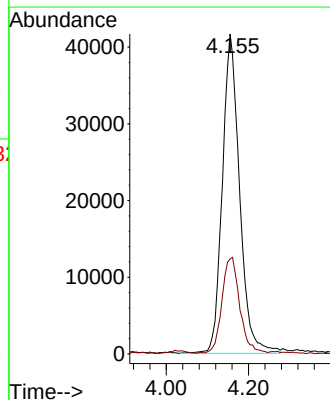
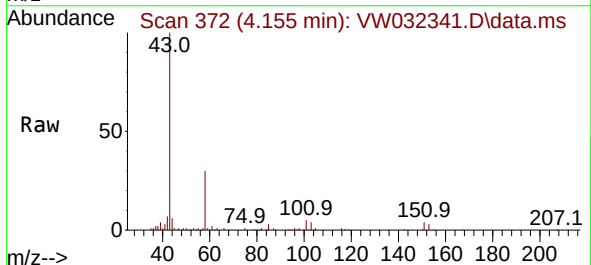
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBS01

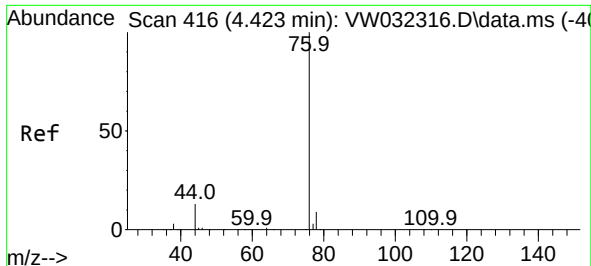
Tgt Ion: 53 Resp: 109612
Ion Ratio Lower Upper
53 100
52 84.1 67.4 101.2
51 37.6 30.3 45.5



#16
Acetone
Concen: 108.166 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.006 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

Tgt Ion: 43 Resp: 121446
Ion Ratio Lower Upper
43 100
58 29.3 25.3 37.9

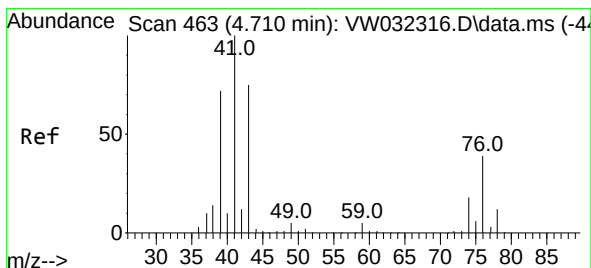
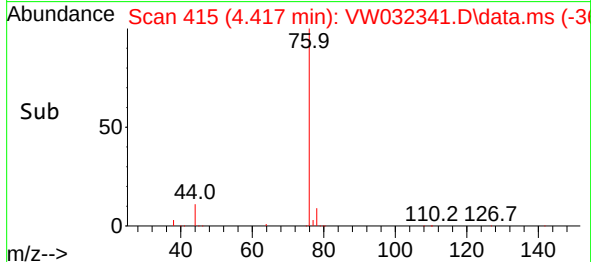
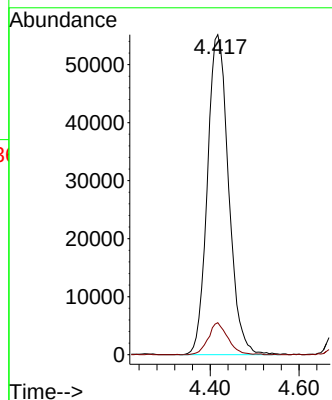
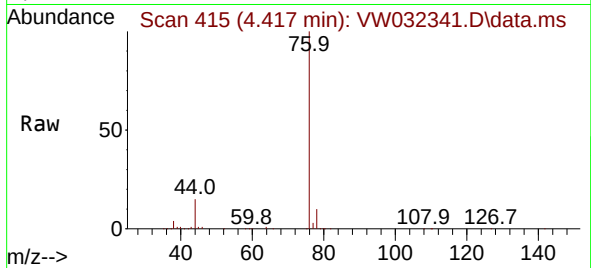




#17
Carbon Disulfide
Concen: 21.403 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

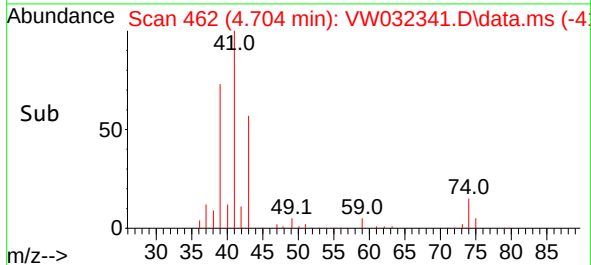
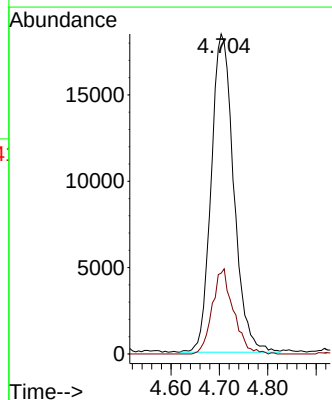
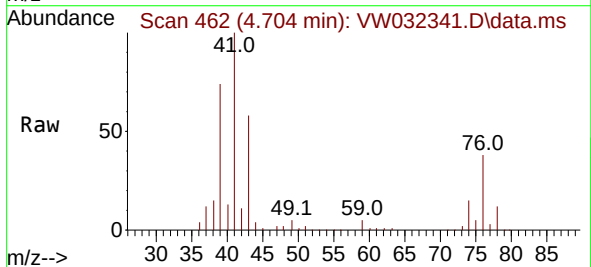
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBS01

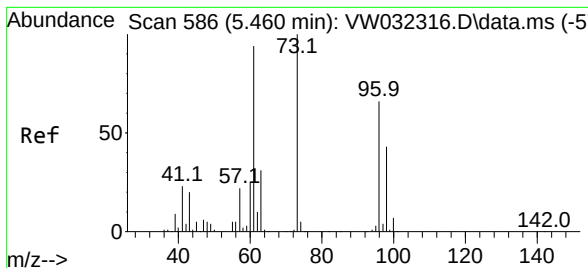
Tgt Ion: 76 Resp: 182974
Ion Ratio Lower Upper
76 100
78 10.0 7.0 10.6



#18
Methyl Acetate
Concen: 18.533 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

Tgt Ion: 43 Resp: 59609
Ion Ratio Lower Upper
43 100
74 25.1 20.2 30.4





#19

Methyl tert-butyl Ether

Concen: 21.048 ug/l

RT: 5.466 min Scan# 51

Delta R.T. -0.000 min

Lab File: VW032341.D

Acq: 03 Oct 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :

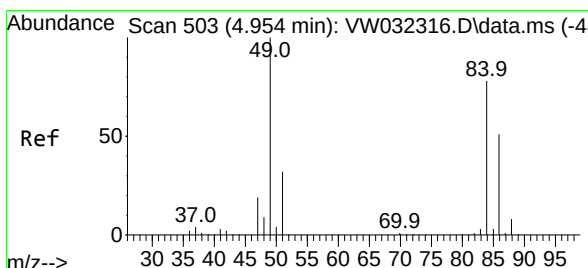
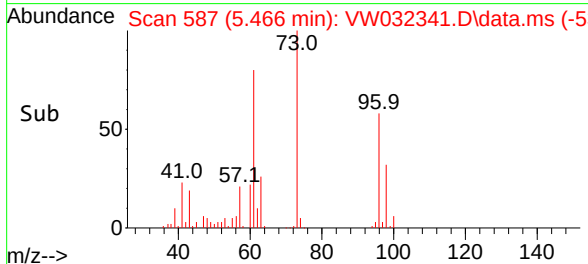
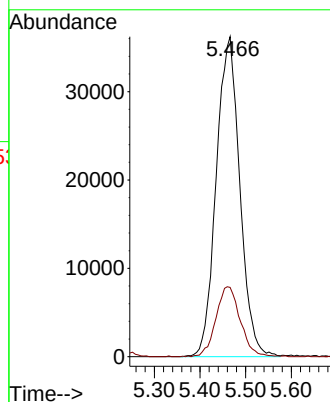
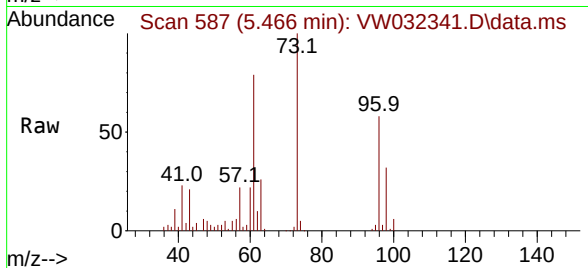
VW1003SBS01

Tgt Ion: 73 Resp: 129887

Ion Ratio Lower Upper

73 100

57 21.7 16.2 24.4



#20

Methylene Chloride

Concen: 23.311 ug/l

RT: 4.947 min Scan# 502

Delta R.T. -0.013 min

Lab File: VW032341.D

Acq: 03 Oct 2025 10:09

Tgt Ion: 84 Resp: 97249

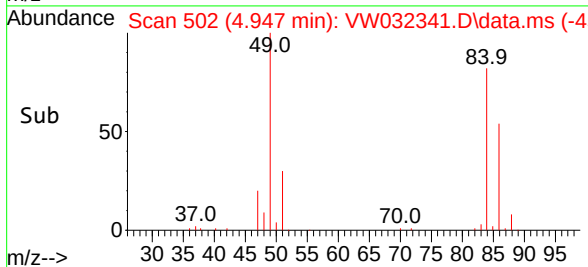
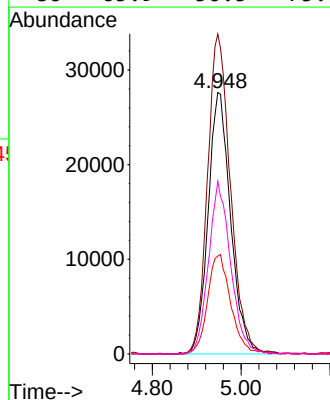
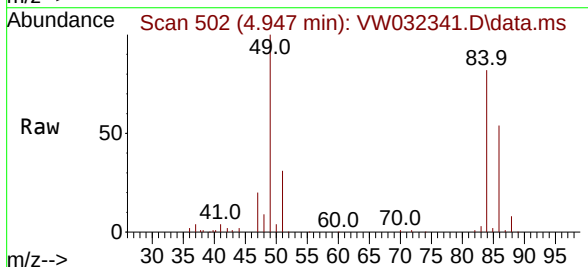
Ion Ratio Lower Upper

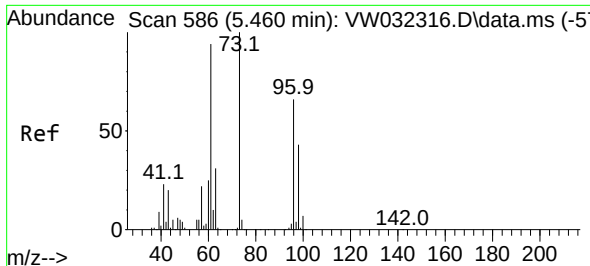
84 100

49 122.4 92.2 138.4

51 37.4 31.0 46.6

86 65.9 50.5 75.7

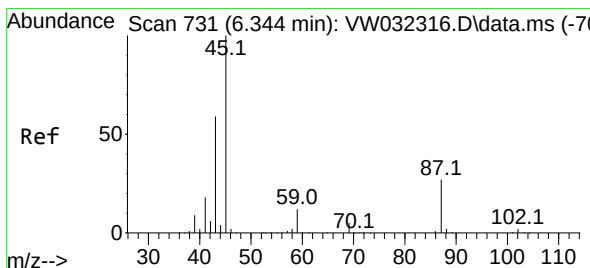
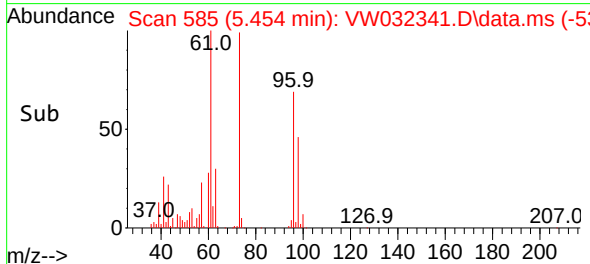
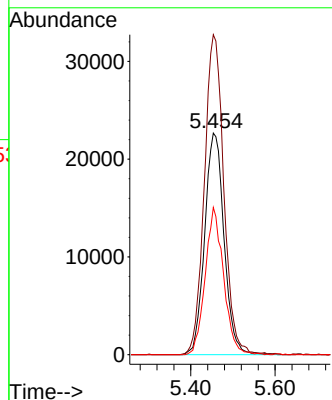
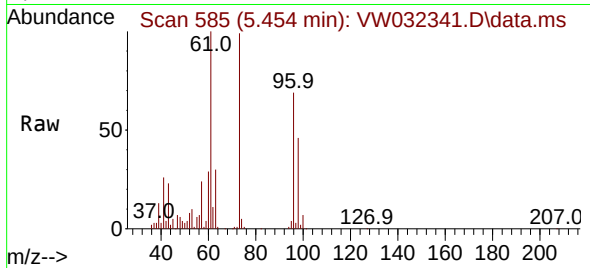




#21
trans-1,2-Dichloroethene
Concen: 20.920 ug/l
RT: 5.454 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

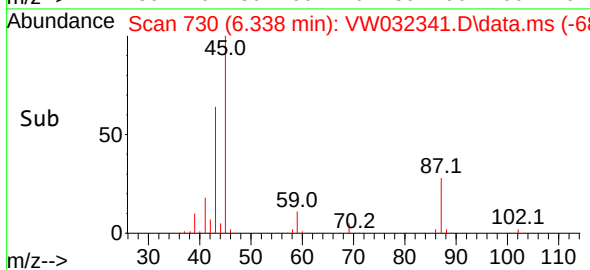
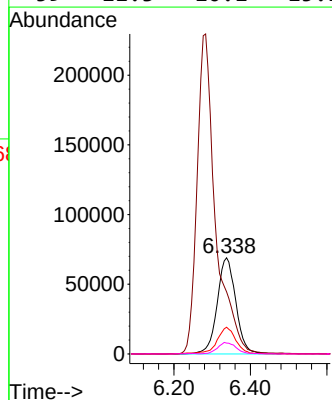
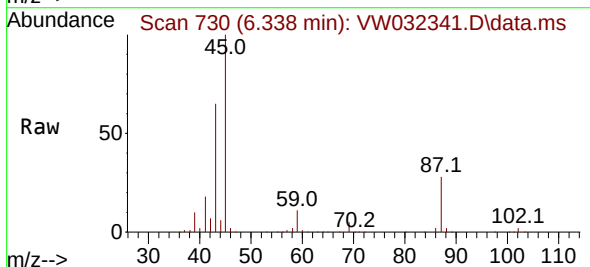
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBS01

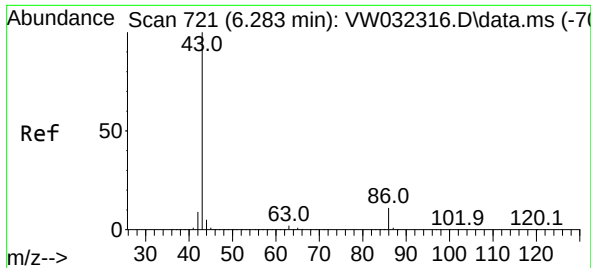
Tgt Ion: 96 Resp: 72569
Ion Ratio Lower Upper
96 100
61 144.4 112.5 168.7
98 66.4 54.2 81.4



#22
Diisopropyl ether
Concen: 21.259 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

Tgt Ion: 45 Resp: 233975
Ion Ratio Lower Upper
45 100
43 64.1 51.4 77.2
87 27.7 25.9 38.9
59 11.3 10.1 15.1

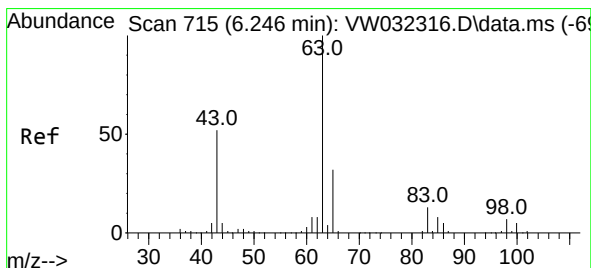
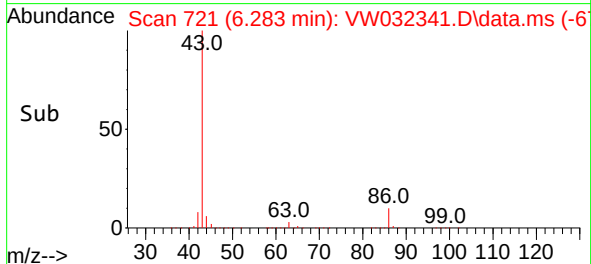
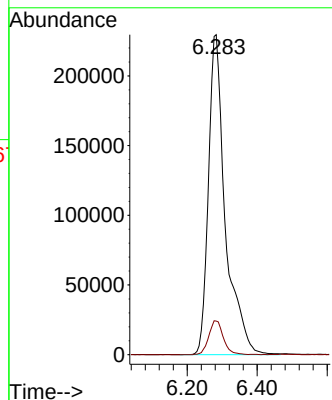
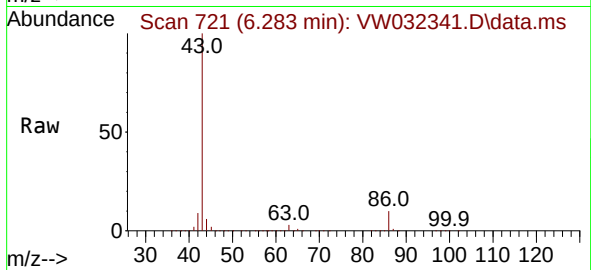




#23
 Vinyl Acetate
 Concen: 104.905 ug/l
 RT: 6.283 min Scan# 714
 Delta R.T. -0.000 min
 Lab File: VW032341.D
 Acq: 03 Oct 2025 10:09

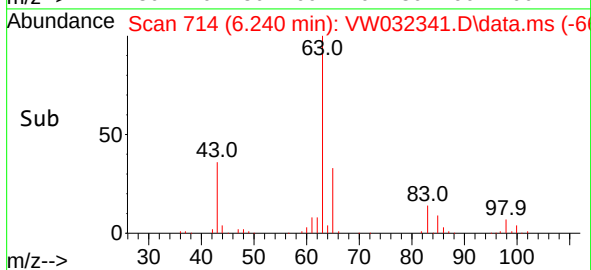
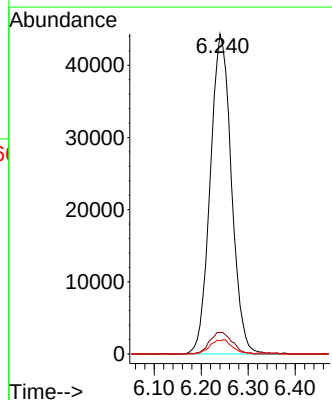
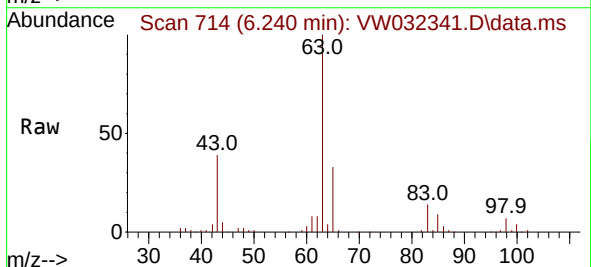
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1003SBS01

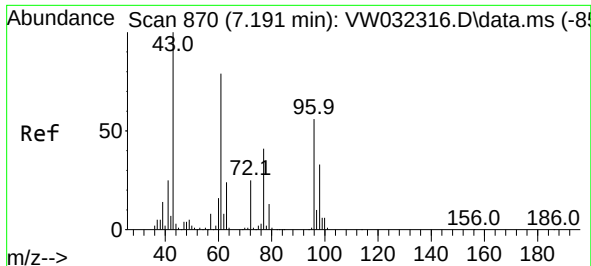
Tgt Ion: 43 Resp: 771189
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 20.754 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032341.D
 Acq: 03 Oct 2025 10:09

Tgt Ion: 63 Resp: 138771
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.8 11.2
 100 4.1 2.5 7.5

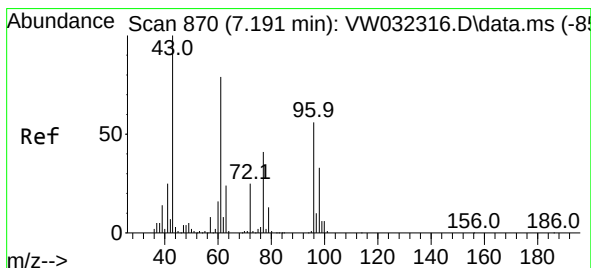
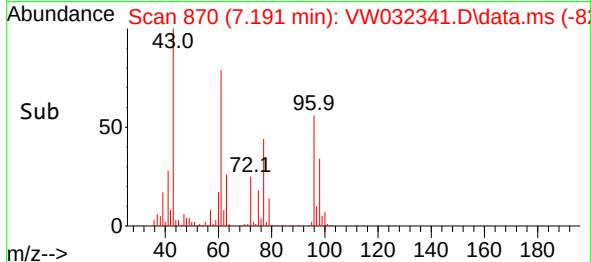
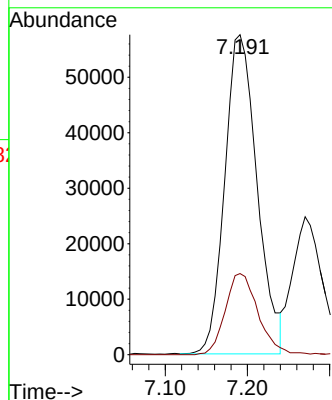
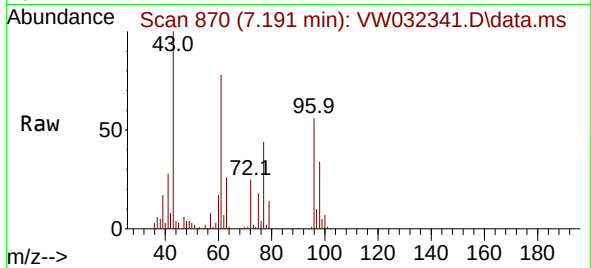




#25
2-Butanone
Concen: 103.074 ug/l
RT: 7.191 min Scan# 81
Delta R.T. -0.000 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

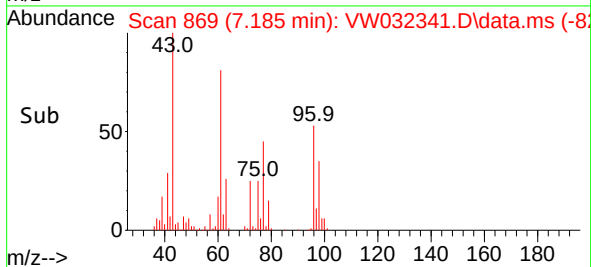
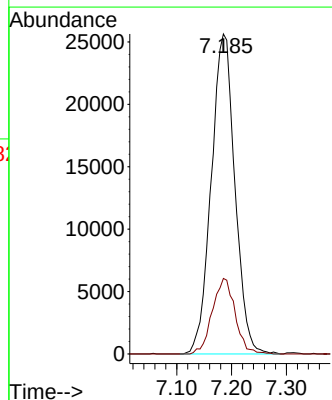
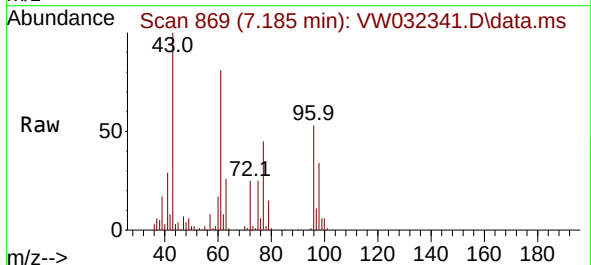
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBS01

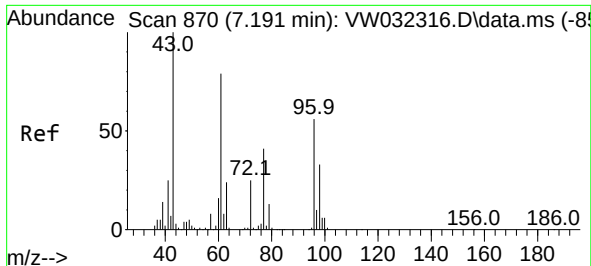
Tgt Ion: 43 Resp: 157617
Ion Ratio Lower Upper
43 100
72 25.4 21.4 32.2



#26
2,2-Dichloropropane
Concen: 22.472 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.000 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

Tgt Ion: 77 Resp: 76859
Ion Ratio Lower Upper
77 100
97 22.7 11.9 35.5

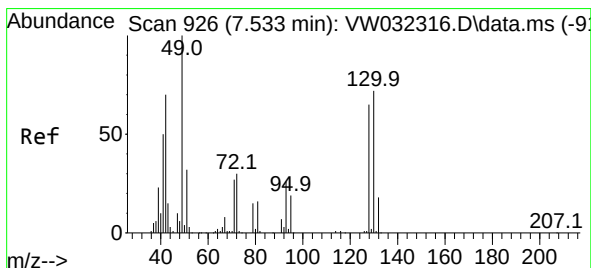
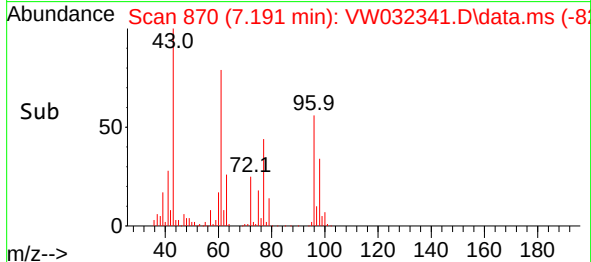
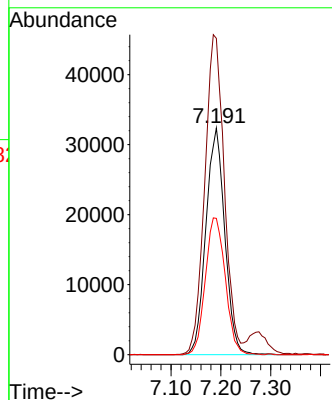
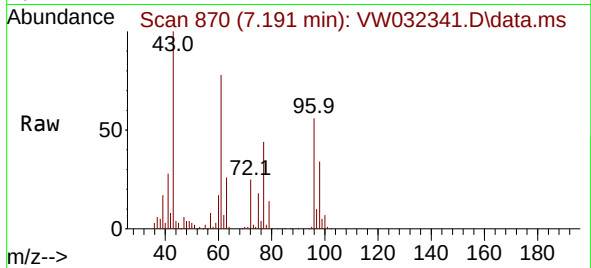




#27
 cis-1,2-Dichloroethene
 Concen: 20.456 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. -0.000 min
 Lab File: VW032341.D
 Acq: 03 Oct 2025 10:09

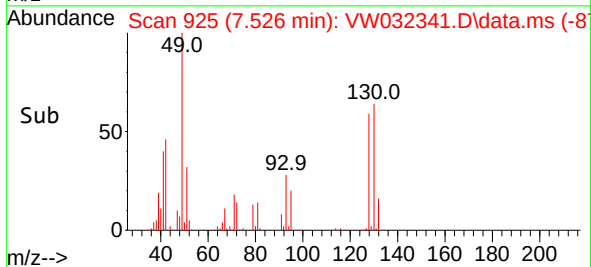
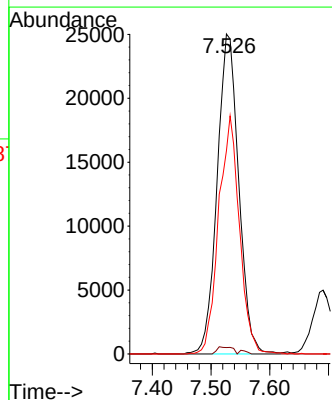
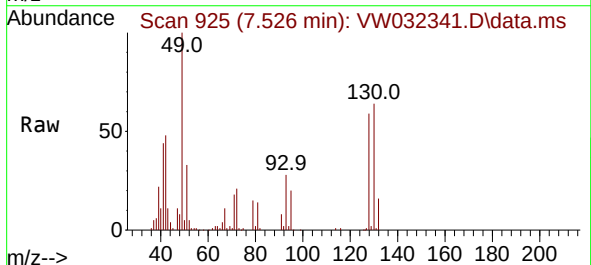
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1003SBS01

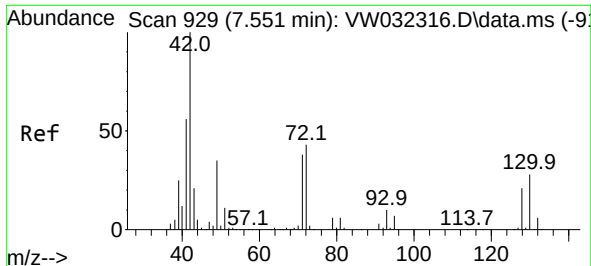
Tgt Ion: 96 Resp: 85248
 Ion Ratio Lower Upper
 96 100
 61 146.4 0.0 268.0
 98 63.8 0.0 130.8



#28
 Bromochloromethane
 Concen: 20.281 ug/l
 RT: 7.526 min Scan# 925
 Delta R.T. -0.006 min
 Lab File: VW032341.D
 Acq: 03 Oct 2025 10:09

Tgt Ion: 49 Resp: 63803
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.2
 130 71.8 67.5 101.3





#29

Tetrahydrofuran

Concen: 100.733 ug/l

RT: 7.551 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW032341.D

Acq: 03 Oct 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :

VW1003SBS01

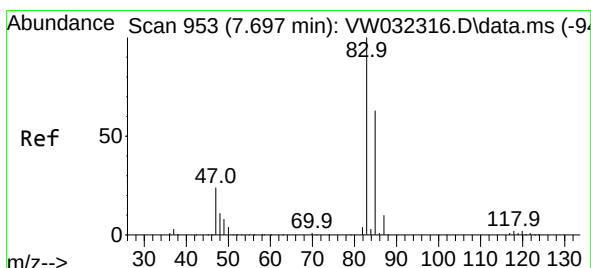
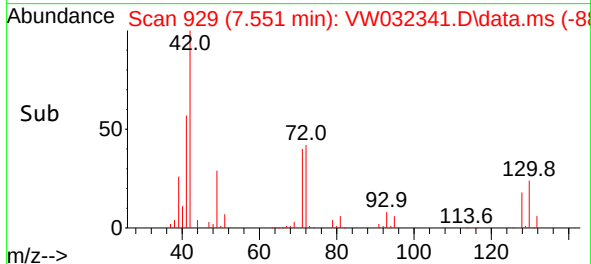
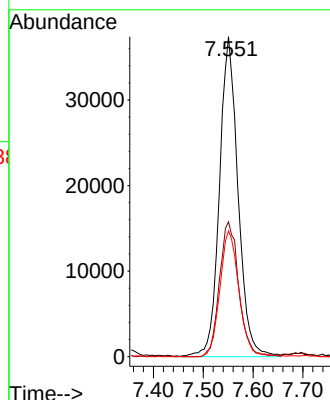
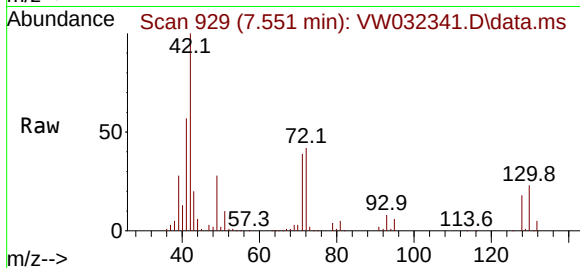
Tgt Ion: 42 Resp: 96869

Ion Ratio Lower Upper

42 100

72 43.7 37.4 56.2

71 40.3 36.0 54.0



#30

Chloroform

Concen: 21.514 ug/l

RT: 7.691 min Scan# 952

Delta R.T. -0.006 min

Lab File: VW032341.D

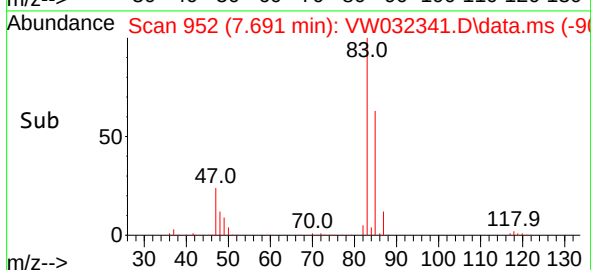
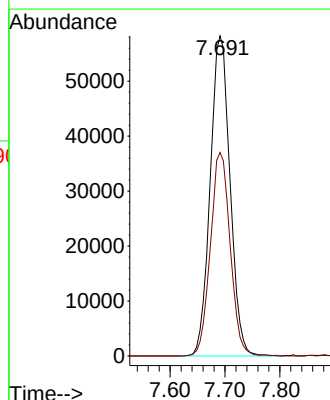
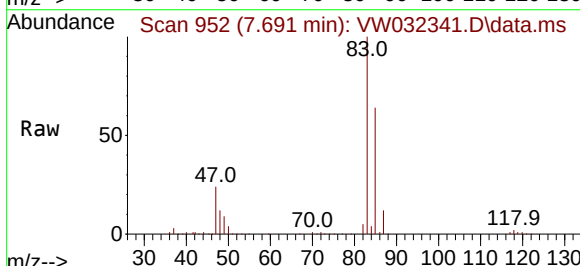
Acq: 03 Oct 2025 10:09

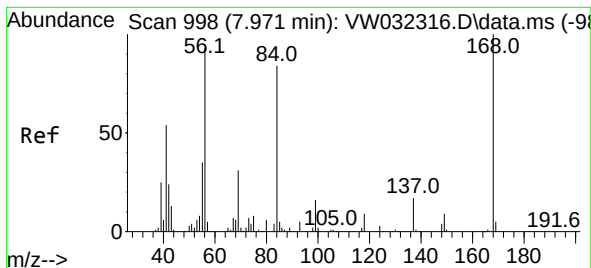
Tgt Ion: 83 Resp: 145892

Ion Ratio Lower Upper

83 100

85 63.6 51.2 76.8





#31

Cyclohexane

Concen: 20.467 ug/l

RT: 7.965 min Scan# 998

Delta R.T. -0.006 min

Lab File: VW032341.D

Acq: 03 Oct 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :

VW1003SBS01

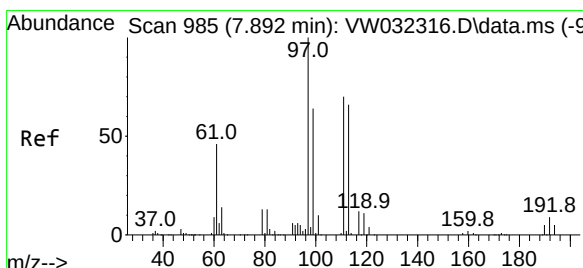
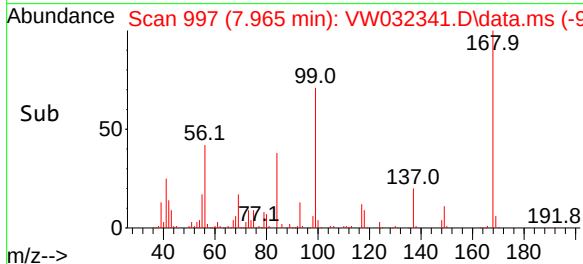
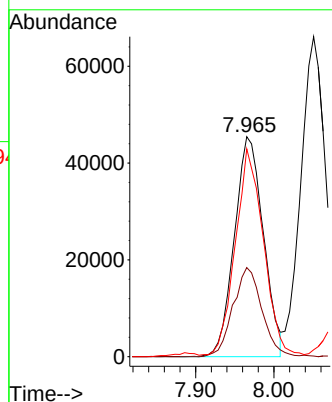
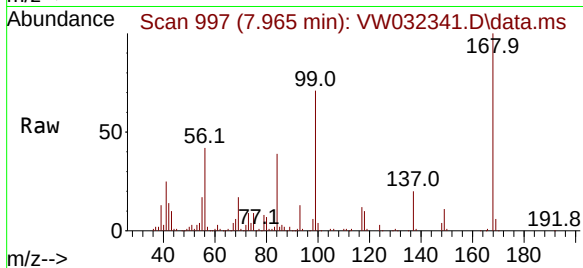
Tgt Ion: 56 Resp: 116831

Ion Ratio Lower Upper

56 100

69 40.5 27.7 41.5

84 93.2 74.6 112.0



#32

1,1,1-Trichloroethane

Concen: 21.628 ug/l

RT: 7.886 min Scan# 984

Delta R.T. -0.000 min

Lab File: VW032341.D

Acq: 03 Oct 2025 10:09

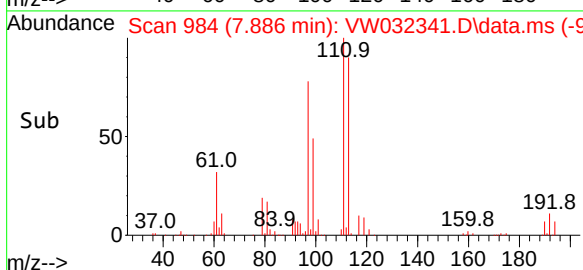
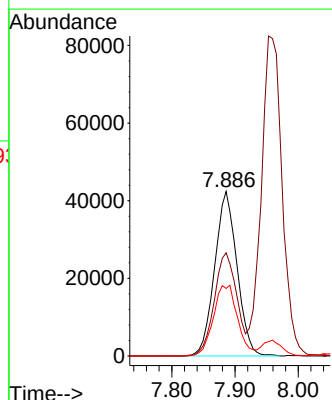
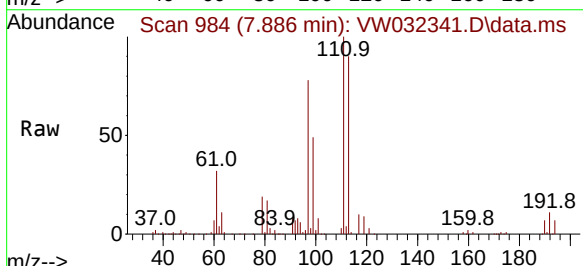
Tgt Ion: 97 Resp: 103931

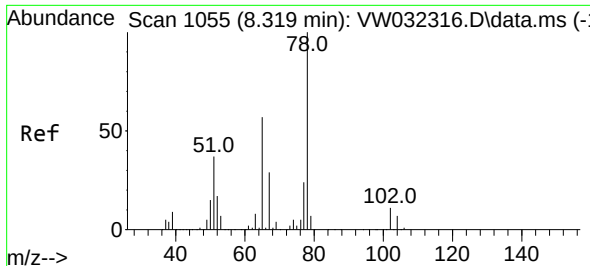
Ion Ratio Lower Upper

97 100

99 62.9 50.9 76.3

61 46.9 36.2 54.4

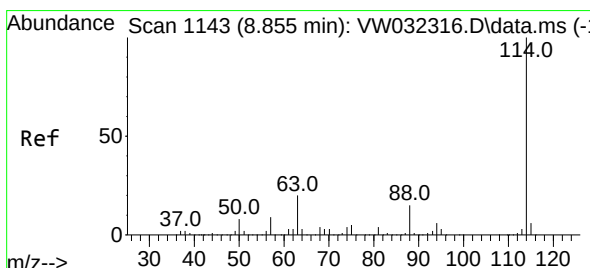
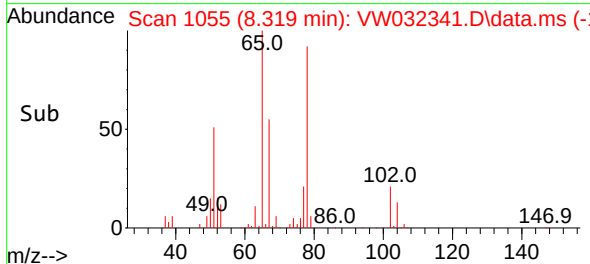
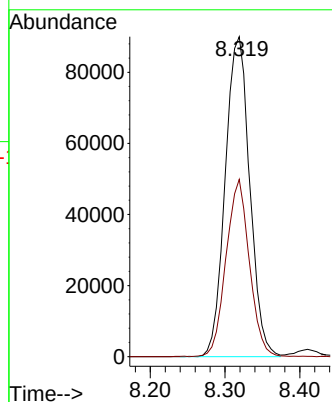
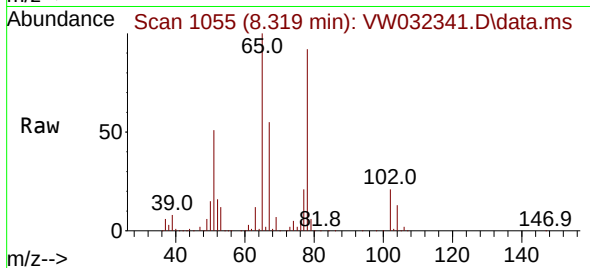




#33
 1,2-Dichloroethane-d4
 Concen: 50.596 ug/l
 RT: 8.319 min Scan# 1105
 Delta R.T. -0.000 min
 Lab File: VW032341.D
 Acq: 03 Oct 2025 10:09

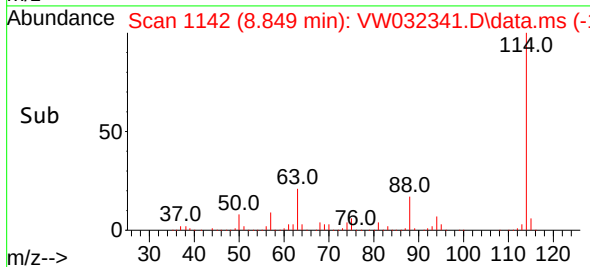
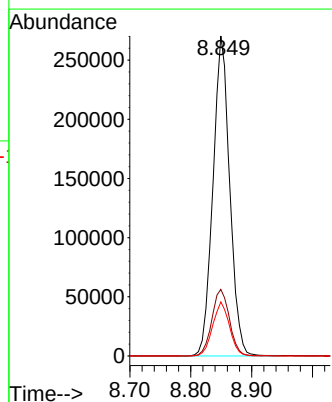
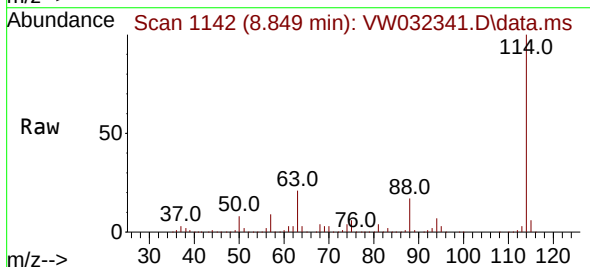
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1003SBS01

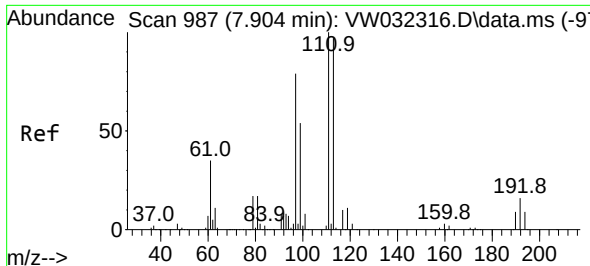
Tgt Ion: 65 Resp: 205163
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW032341.D
 Acq: 03 Oct 2025 10:09

Tgt Ion: 114 Resp: 517265
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 40.4
 88 16.9 0.0 32.0

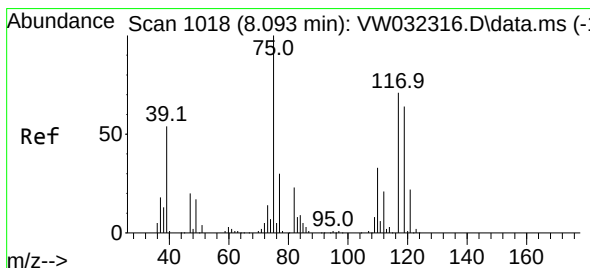
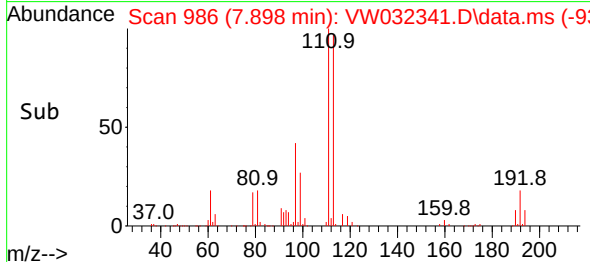
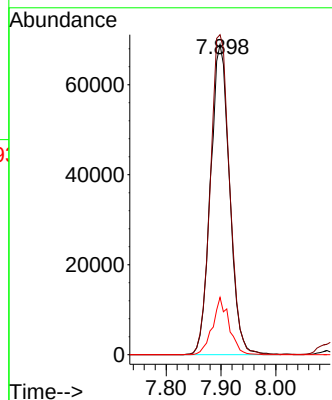
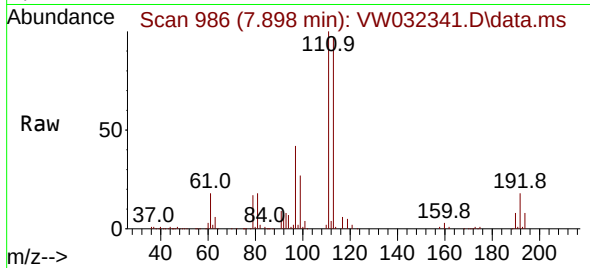




#35
 Dibromofluoromethane
 Concen: 49.640 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW032341.D
 Acq: 03 Oct 2025 10:09

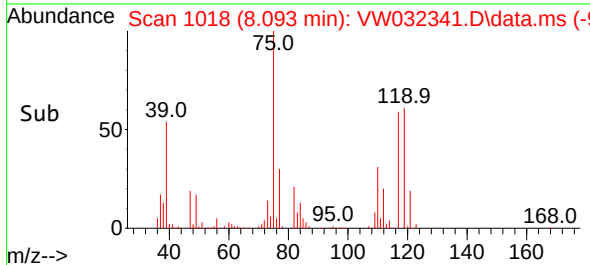
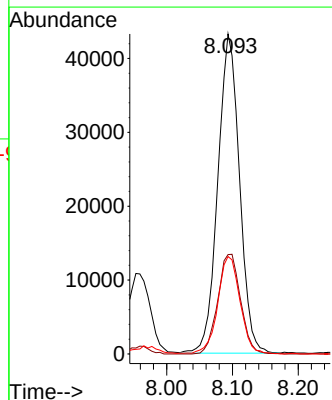
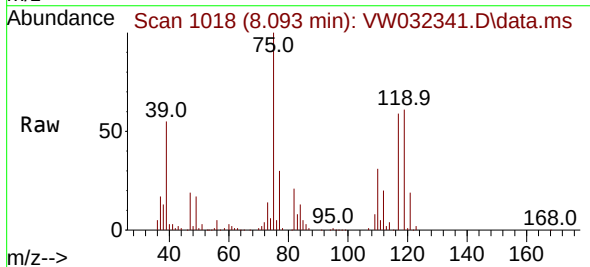
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1003SBS01

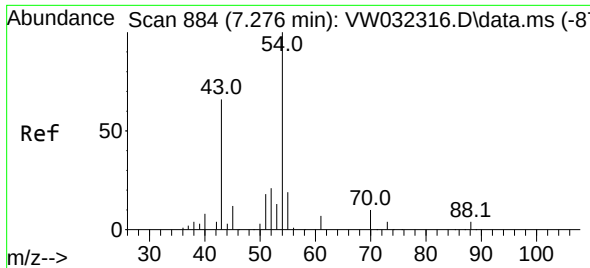
Tgt Ion:113 Resp: 166286
 Ion Ratio Lower Upper
 113 100
 111 104.2 83.9 125.9
 192 16.1 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 20.952 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. -0.006 min
 Lab File: VW032341.D
 Acq: 03 Oct 2025 10:09

Tgt Ion: 75 Resp: 99053
 Ion Ratio Lower Upper
 75 100
 110 32.9 17.5 52.5
 77 31.5 24.1 36.1

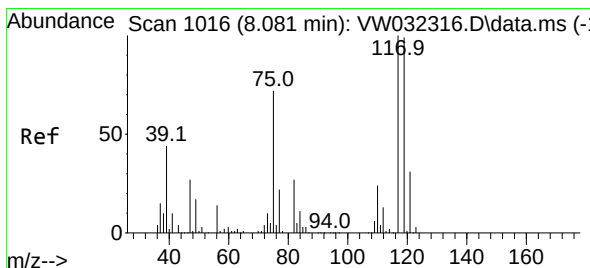
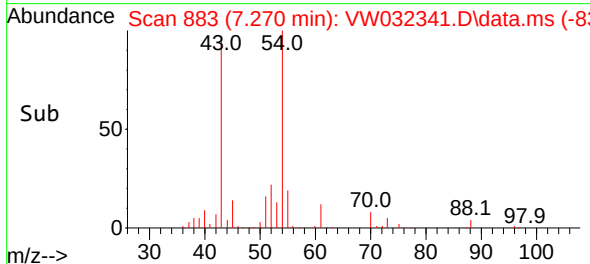
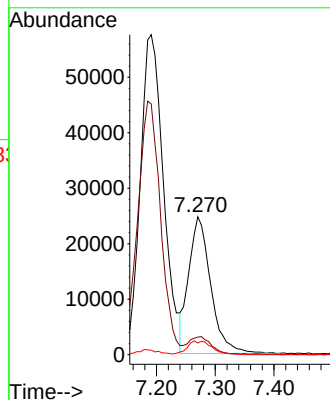
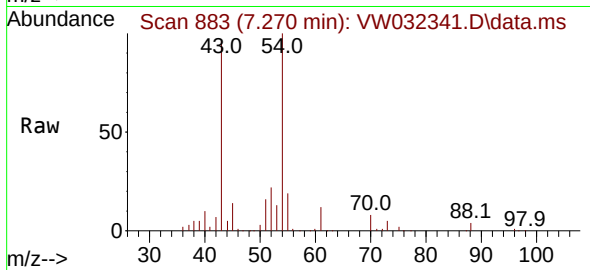




#37
Ethyl Acetate
Concen: 20.364 ug/l
RT: 7.270 min Scan# 883
Delta R.T. -0.006 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

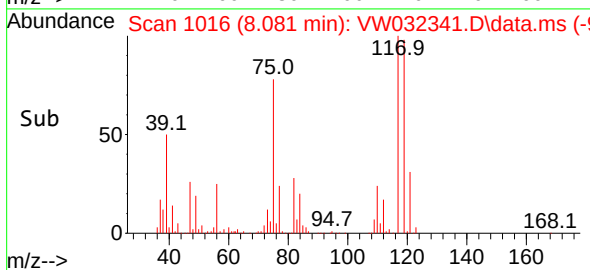
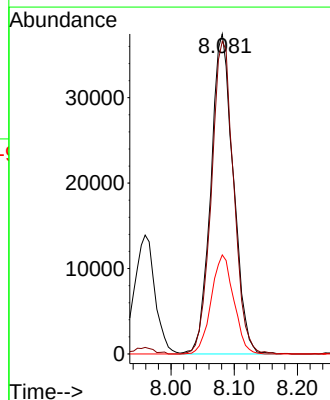
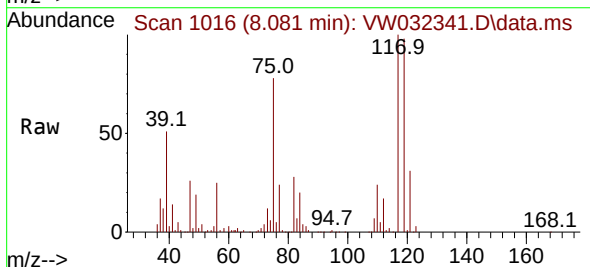
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBS01

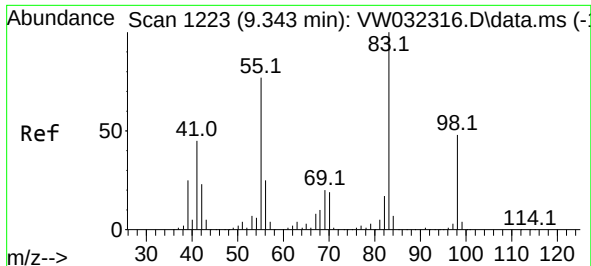
Tgt Ion: 43 Resp: 64082
Ion Ratio Lower Upper
43 100
61 13.0 11.3 16.9
70 11.1 8.9 13.3



#38
Carbon Tetrachloride
Concen: 20.856 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

Tgt Ion: 117 Resp: 92784
Ion Ratio Lower Upper
117 100
119 97.7 74.2 111.2
121 31.0 25.6 38.4





#39

Methylcyclohexane

Concen: 20.284 ug/l

RT: 9.343 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032341.D

Acq: 03 Oct 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :

VW1003SBS01

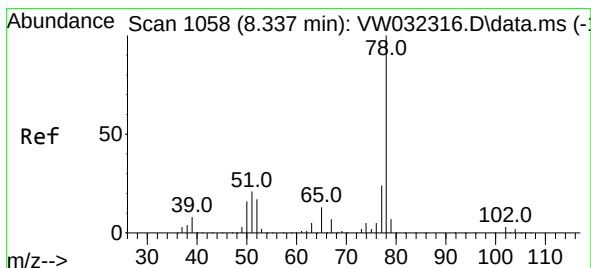
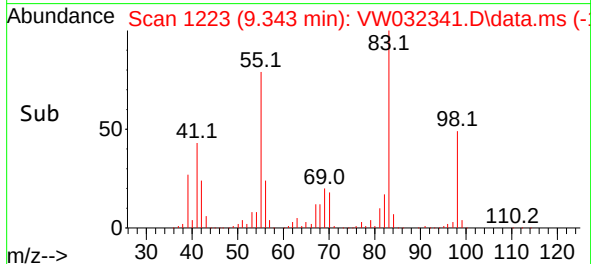
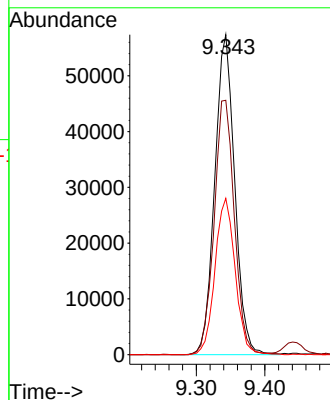
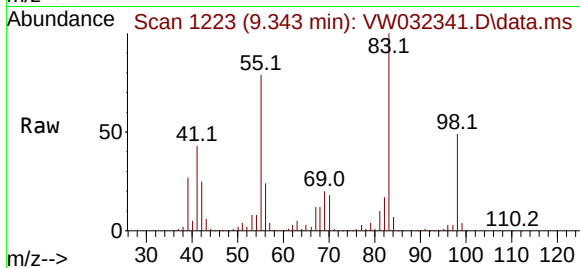
Tgt Ion: 83 Resp: 115670

Ion Ratio Lower Upper

83 100

55 79.5 58.4 87.6

98 48.9 39.4 59.2



#40

Benzene

Concen: 20.682 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VW032341.D

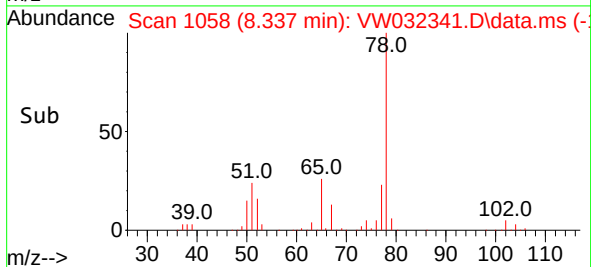
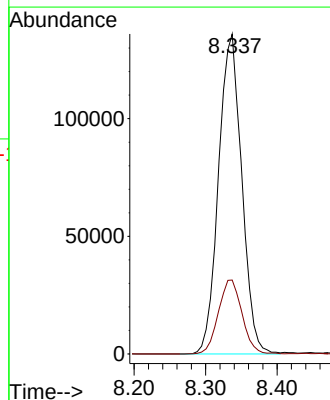
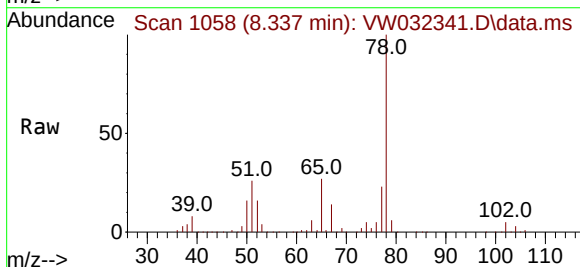
Acq: 03 Oct 2025 10:09

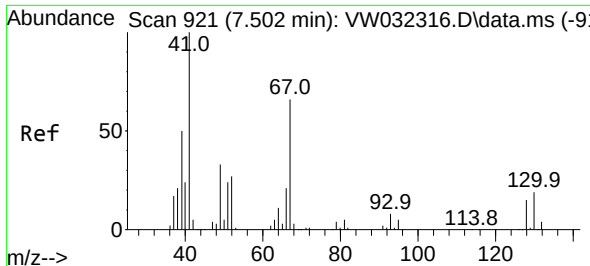
Tgt Ion: 78 Resp: 306473

Ion Ratio Lower Upper

78 100

77 23.1 20.7 31.1

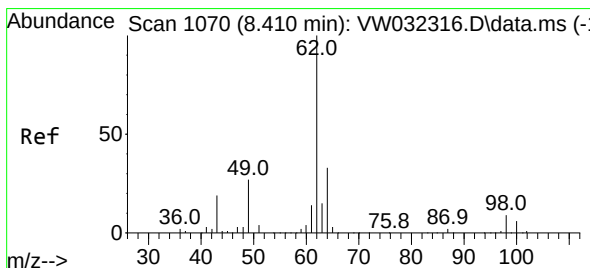
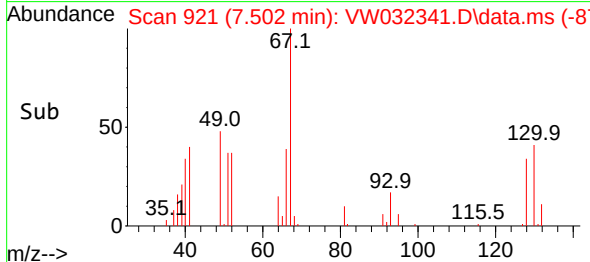
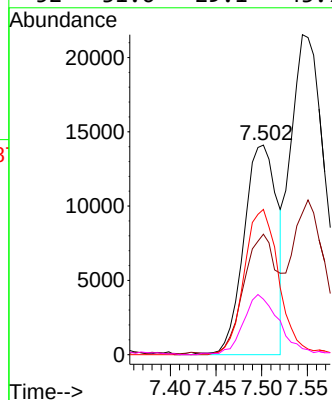
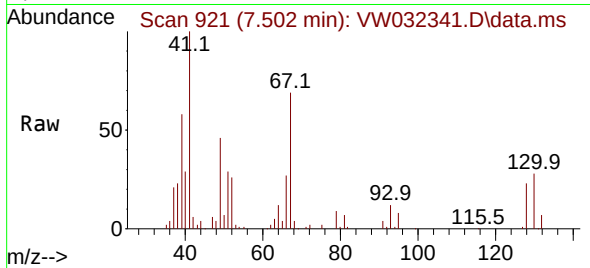




#41
Methacrylonitrile
Concen: 21.045 ug/l
RT: 7.502 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

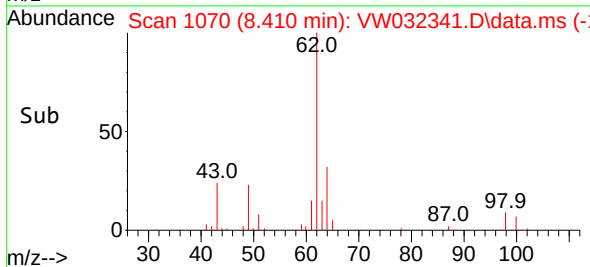
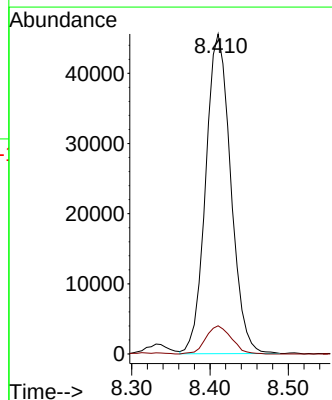
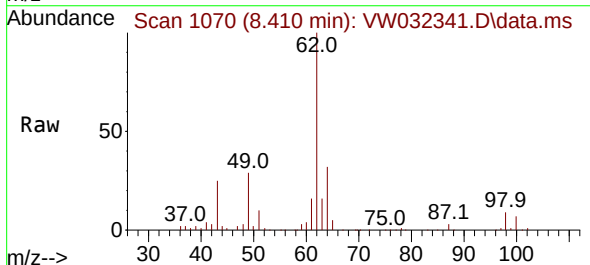
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBS01

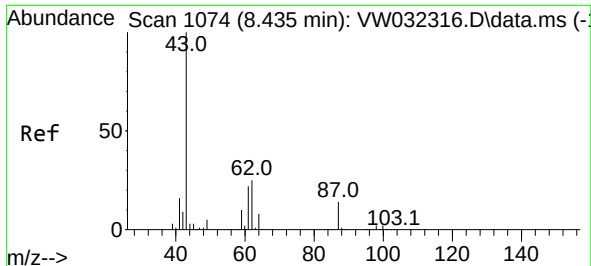
Tgt Ion:	41	Resp:	35690
Ion	Ratio	Lower	Upper
41	100		
39	55.8	50.9	76.3
67	72.6	65.6	98.4
52	31.6	29.1	43.7



#42
1,2-Dichloroethane
Concen: 20.847 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

Tgt Ion:	62	Resp:	101080
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.0

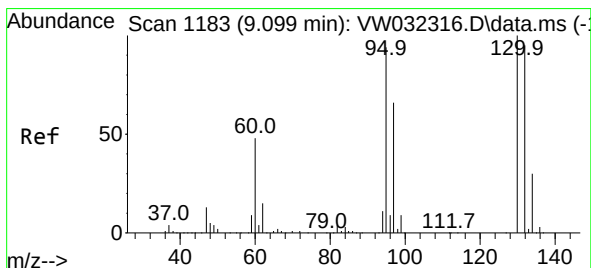
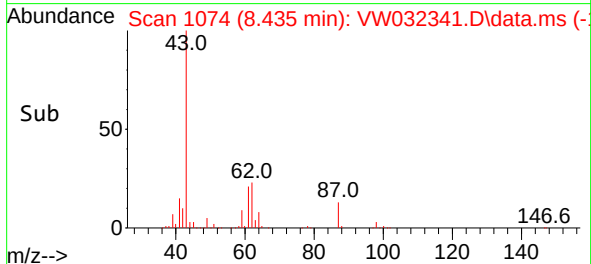
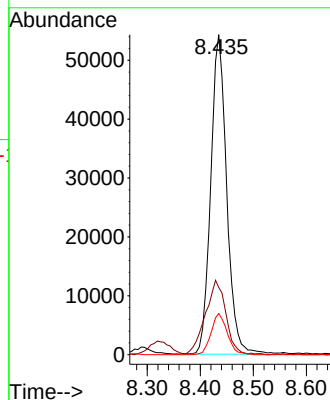
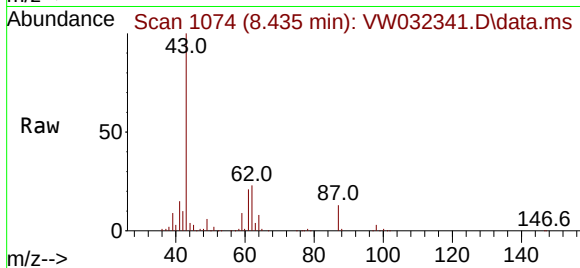




#43
Isopropyl Acetate
Concen: 20.376 ug/l
RT: 8.435 min Scan# 11074
Delta R.T. -0.000 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

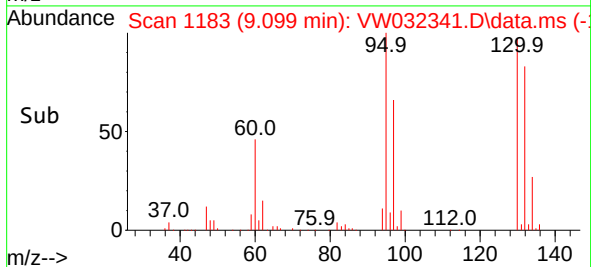
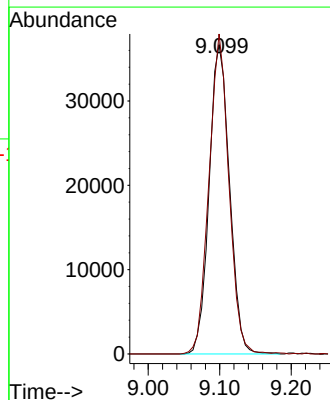
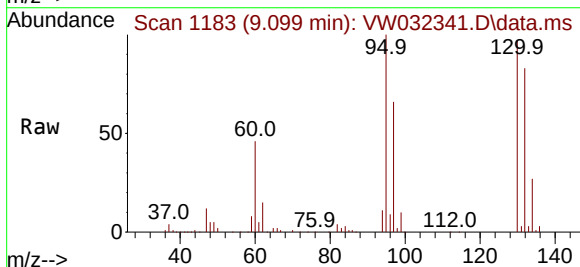
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBS01

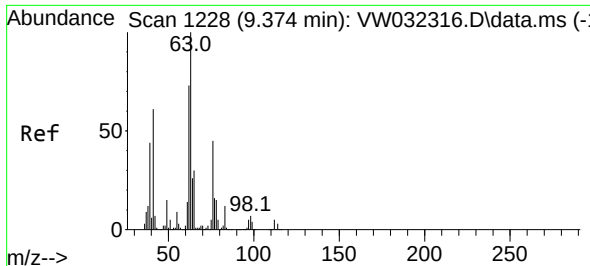
Tgt Ion: 43 Resp: 113745
Ion Ratio Lower Upper
43 100
61 30.0 23.3 34.9
87 13.0 11.1 16.7



#44
Trichloroethene
Concen: 20.943 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

Tgt Ion:130 Resp: 72667
Ion Ratio Lower Upper
130 100
95 103.5 0.0 220.0

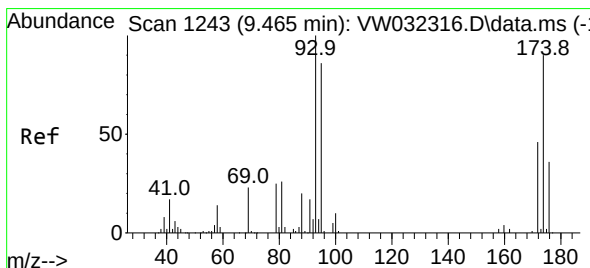
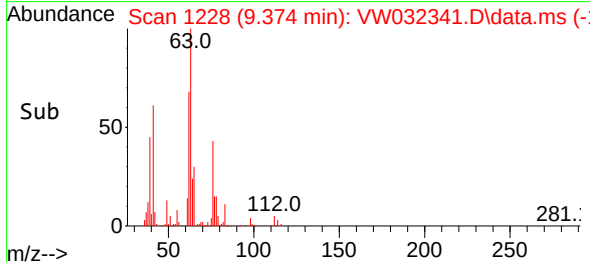
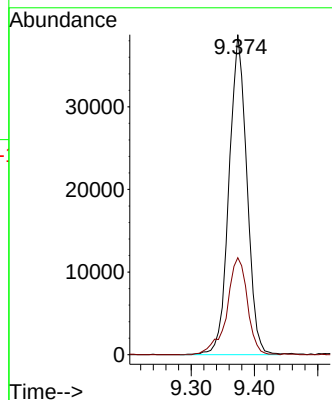
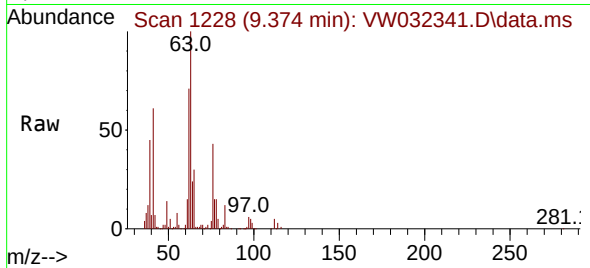




#45
1,2-Dichloropropane
Concen: 20.486 ug/l
RT: 9.374 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

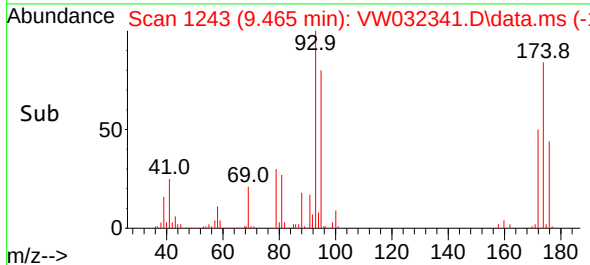
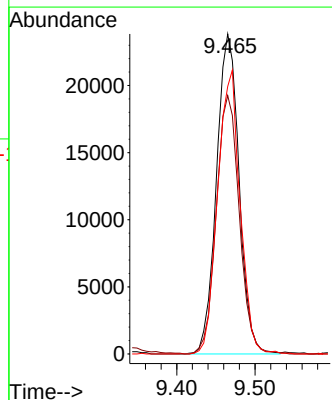
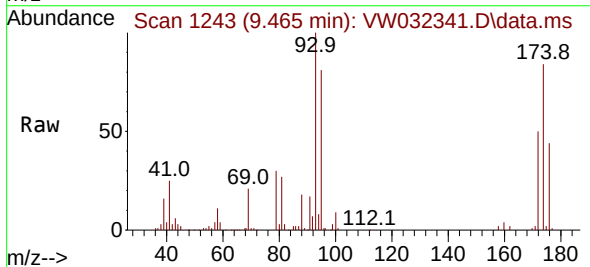
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBS01

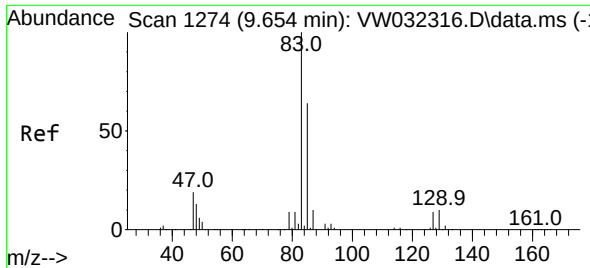
Tgt Ion: 63 Resp: 75772
Ion Ratio Lower Upper
63 100
65 30.3 24.3 36.5



#46
Dibromomethane
Concen: 20.994 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

Tgt Ion: 93 Resp: 47749
Ion Ratio Lower Upper
93 100
95 82.2 67.4 101.2
174 88.3 75.7 113.5

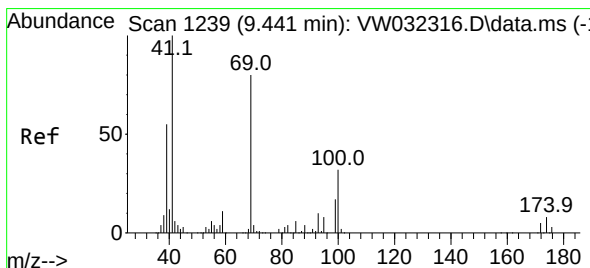
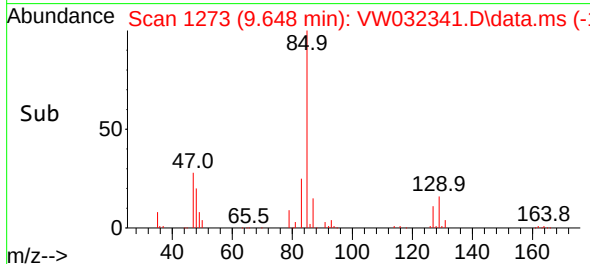
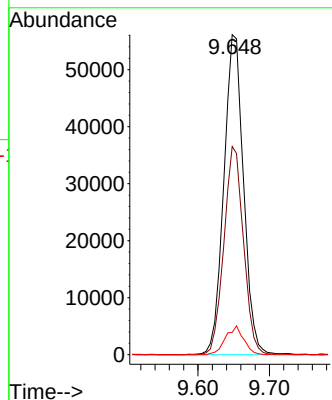
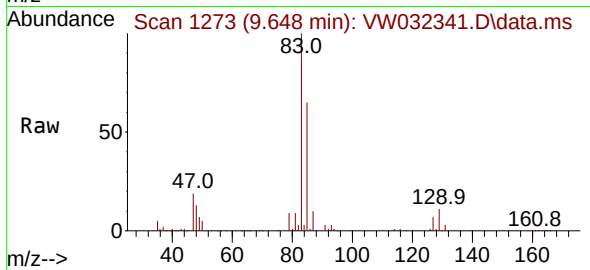




#47
Bromodichloromethane
Concen: 20.633 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

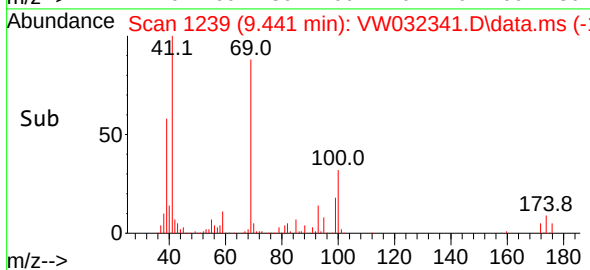
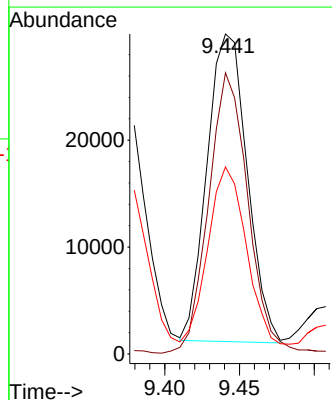
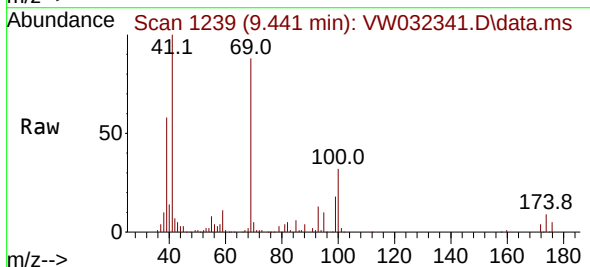
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBS01

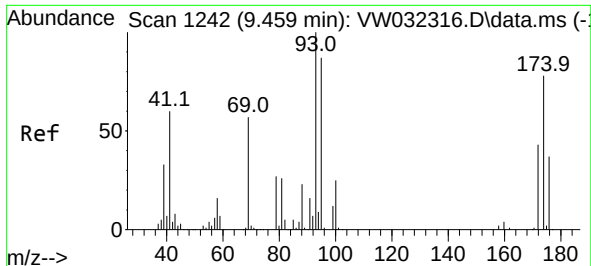
Tgt Ion: 83 Resp: 107339
Ion Ratio Lower Upper
83 100
85 65.1 48.7 73.1
127 7.0 6.4 9.6



#48
Methyl methacrylate
Concen: 19.788 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

Tgt Ion: 41 Resp: 53707
Ion Ratio Lower Upper
41 100
69 89.9 71.5 107.3
39 55.3 55.9 83.9#





#49

1,4-Dioxane

Concen: 404.086 ug/l

RT: 9.465 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW032341.D

Acq: 03 Oct 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :

VW1003SBS01

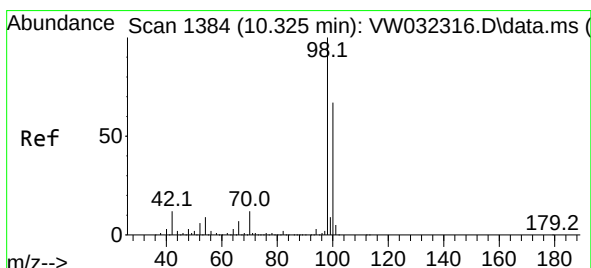
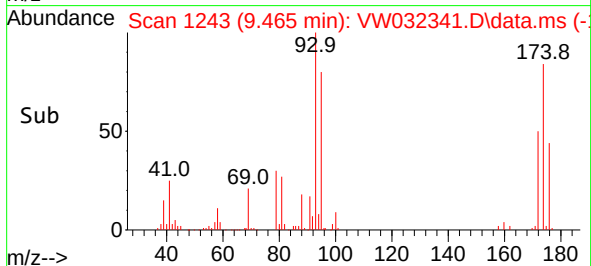
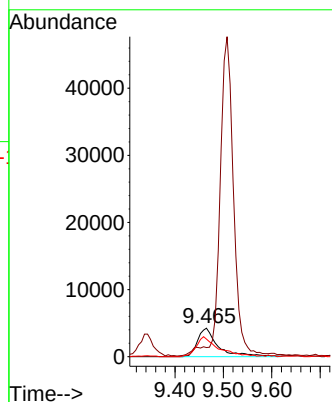
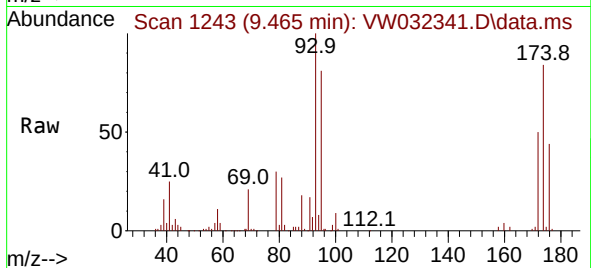
Tgt Ion: 88 Resp: 12562

Ion Ratio Lower Upper

88 100

43 0.0 18.0 27.0#

58 75.5 55.4 83.0



#50

Toluene-d8

Concen: 51.300 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW032341.D

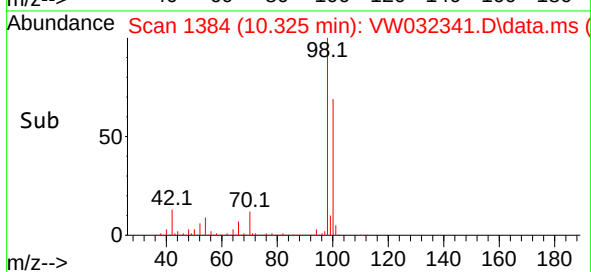
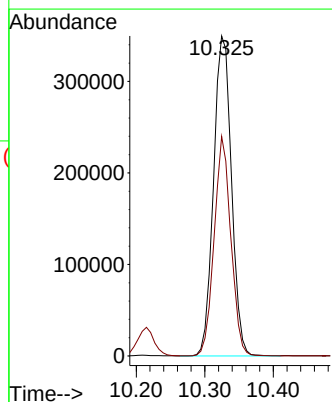
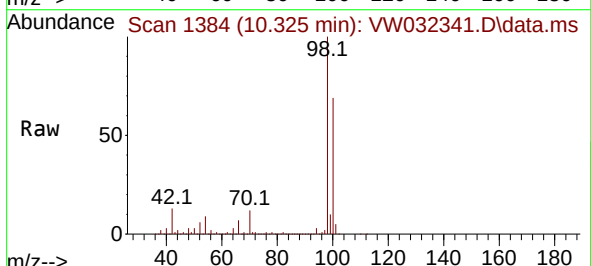
Acq: 03 Oct 2025 10:09

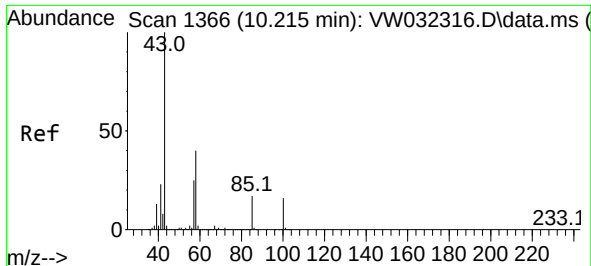
Tgt Ion: 98 Resp: 634254

Ion Ratio Lower Upper

98 100

100 64.1 51.4 77.2

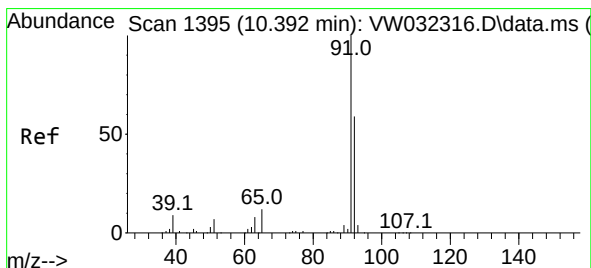
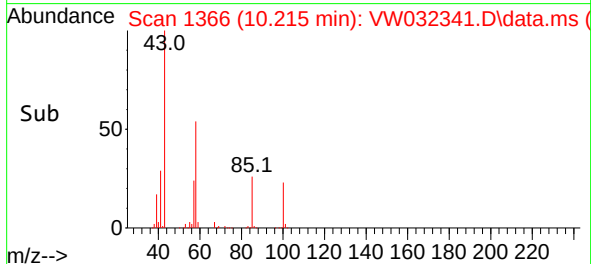
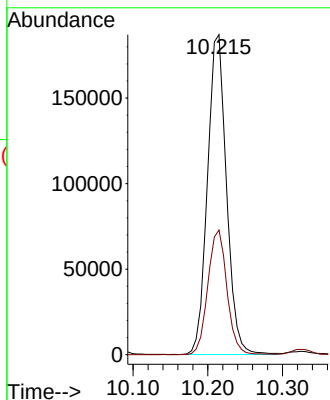
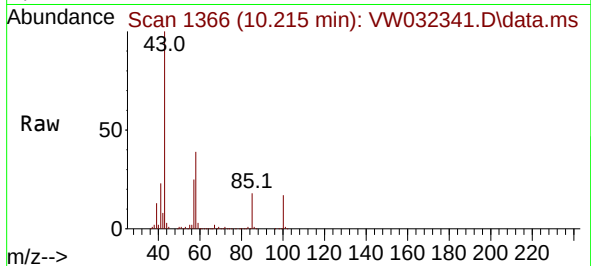




#51
4-Methyl-2-Pentanone
Concen: 102.436 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

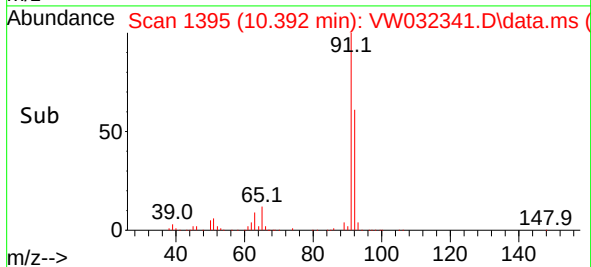
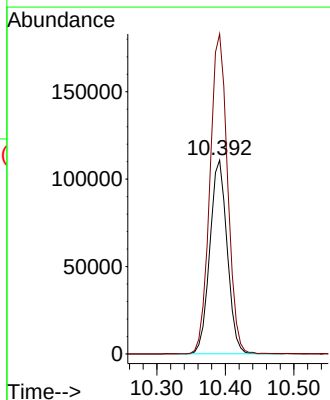
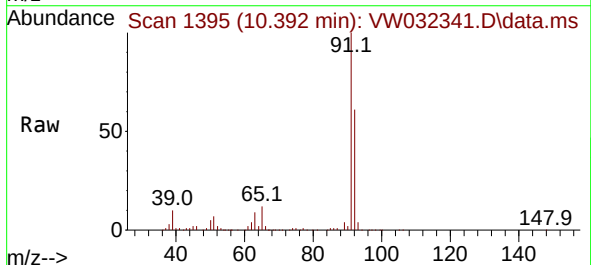
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBS01

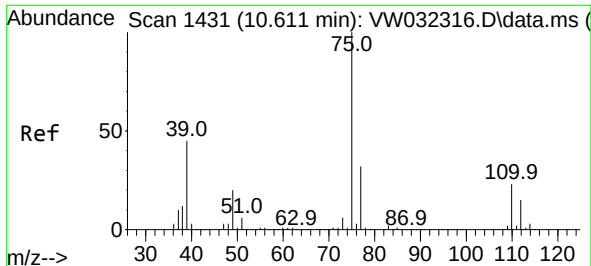
Tgt Ion: 43 Resp: 331203
Ion Ratio Lower Upper
43 100
58 39.2 32.0 48.0



#52
Toluene
Concen: 21.098 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

Tgt Ion: 92 Resp: 194697
Ion Ratio Lower Upper
92 100
91 168.5 137.5 206.3

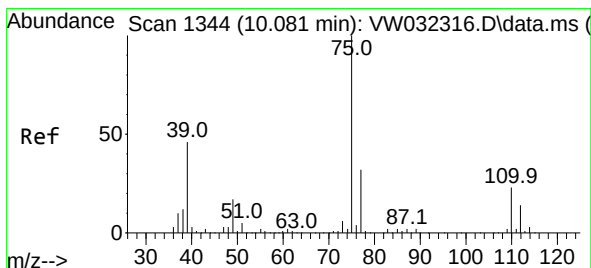
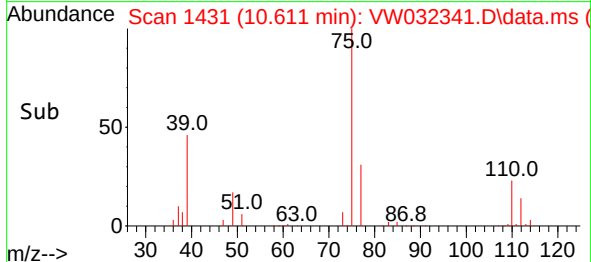
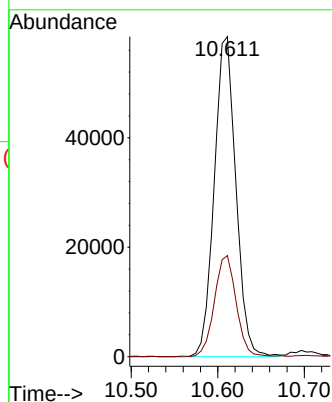
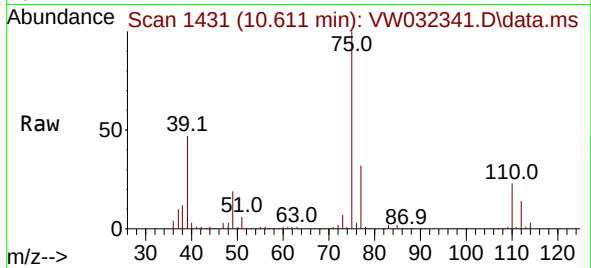




#53
t-1,3-Dichloropropene
Concen: 20.112 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

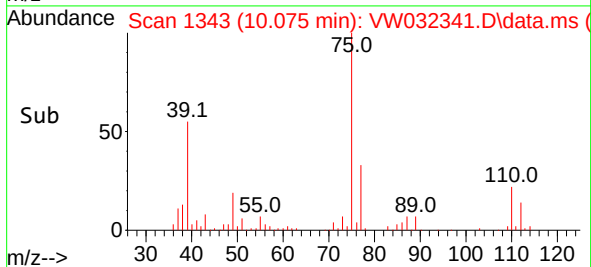
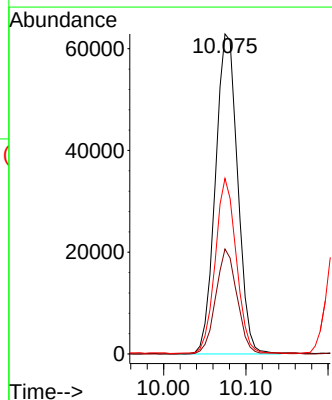
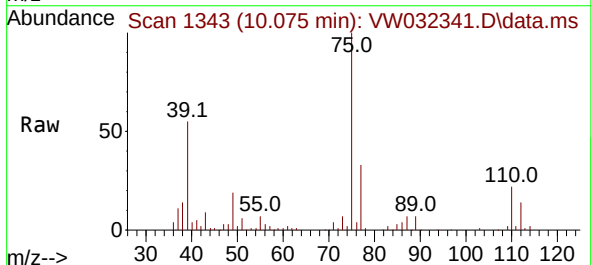
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBS01

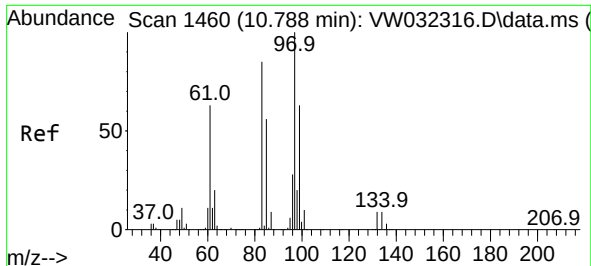
Tgt Ion: 75 Resp: 101504
Ion Ratio Lower Upper
75 100
77 31.5 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 20.322 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

Tgt Ion: 75 Resp: 118144
Ion Ratio Lower Upper
75 100
77 32.7 25.1 37.7
39 54.6 43.2 64.8



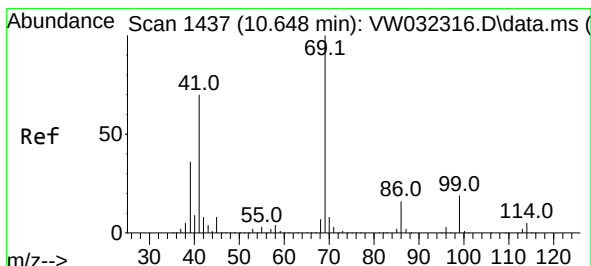
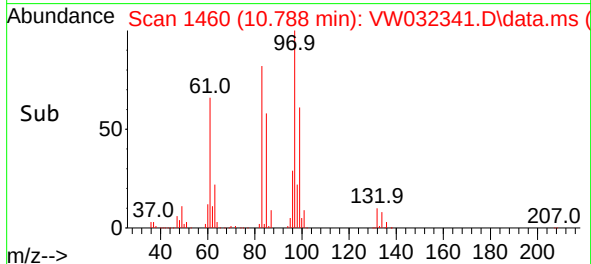
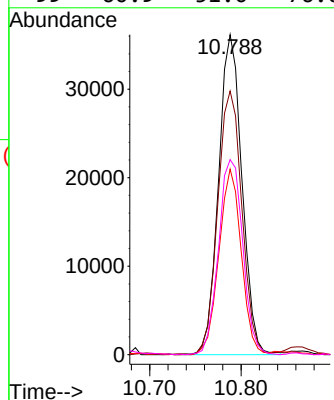
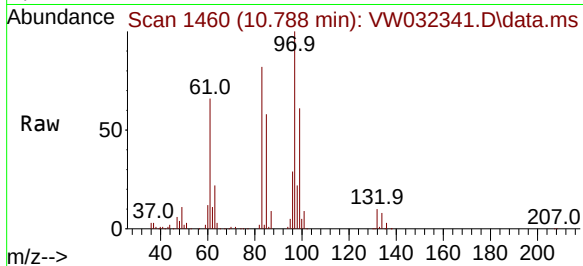


#55
1,1,2-Trichloroethane
Concen: 21.175 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

Instrument :
MSVOA_W
ClientSampleId :
VW1003SBS01

Tgt Ion: 97 Resp: 64370

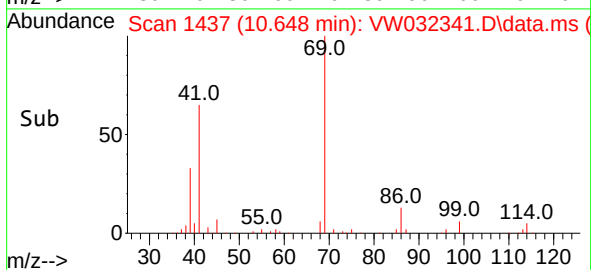
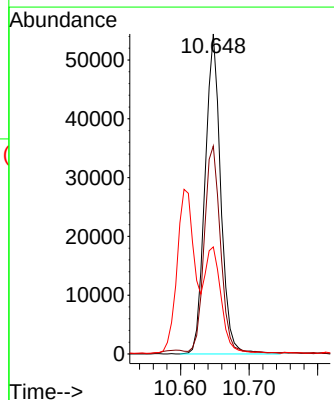
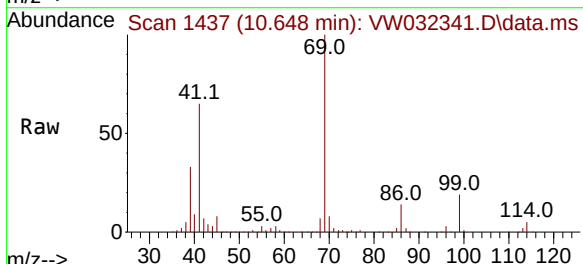
Ion	Ratio	Lower	Upper
97	100		
83	82.1	71.0	106.6
85	58.0	42.8	64.2
99	60.9	51.0	76.6

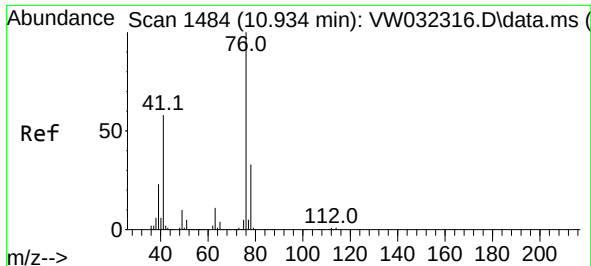


#56
Ethyl methacrylate
Concen: 20.402 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

Tgt Ion: 69 Resp: 86806

Ion	Ratio	Lower	Upper
69	100		
41	67.1	53.2	79.8
39	34.3	32.9	49.3





#57

1,3-Dichloropropane

Concen: 20.729 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032341.D

Acq: 03 Oct 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :

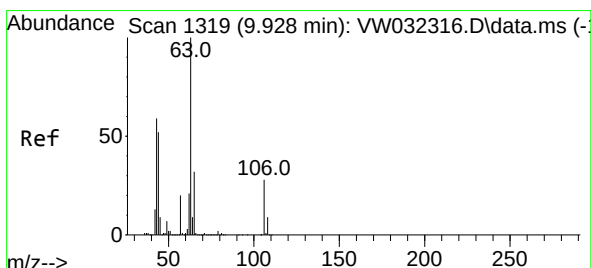
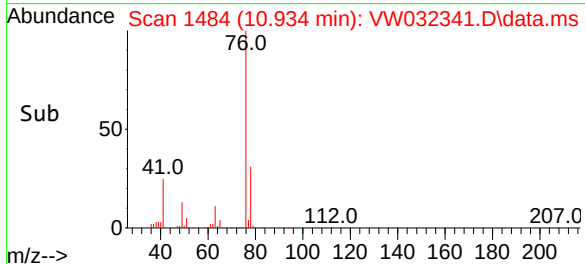
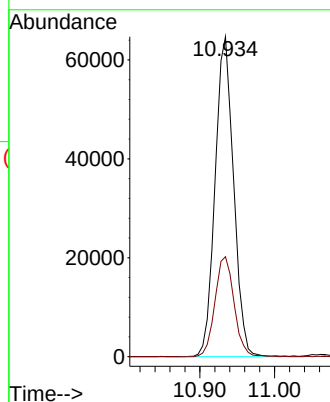
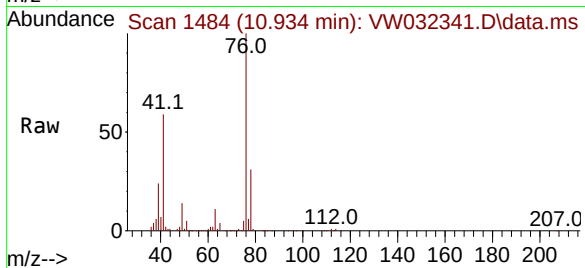
VW1003SBS01

Tgt Ion: 76 Resp: 111293

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 96.127 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032341.D

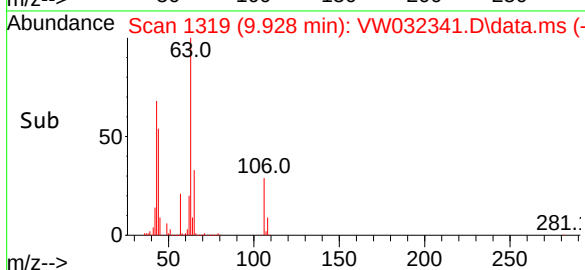
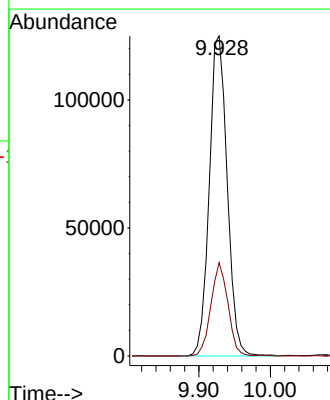
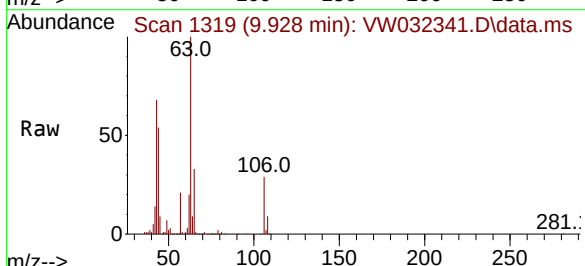
Acq: 03 Oct 2025 10:09

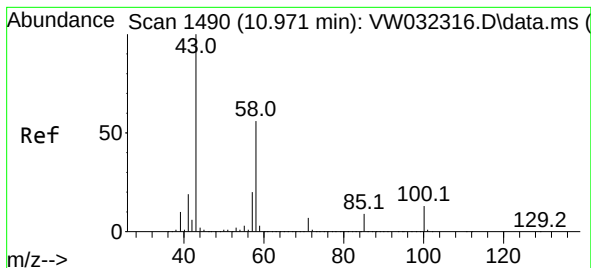
Tgt Ion: 63 Resp: 217670

Ion Ratio Lower Upper

63 100

106 27.5 24.3 36.5

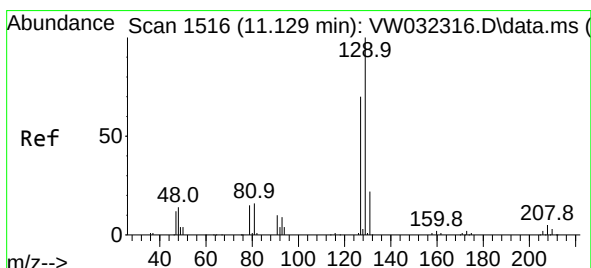
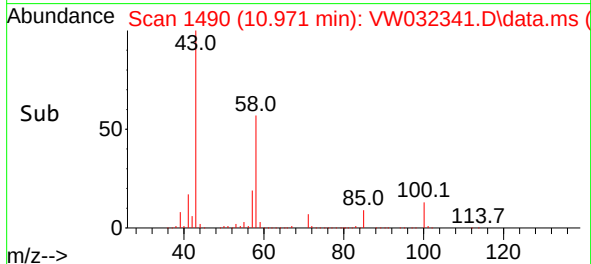
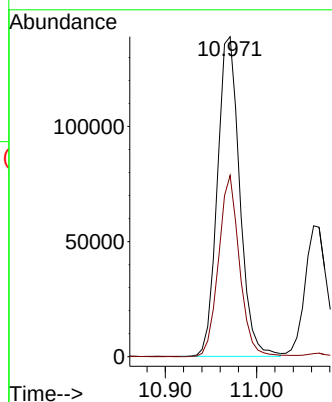
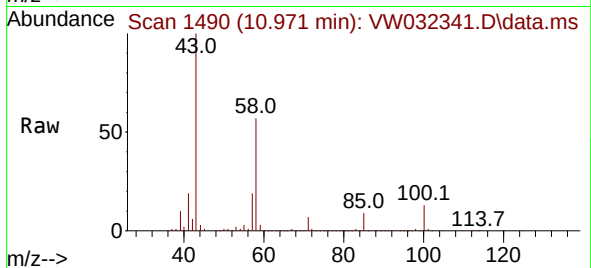




#59
2-Hexanone
Concen: 103.519 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

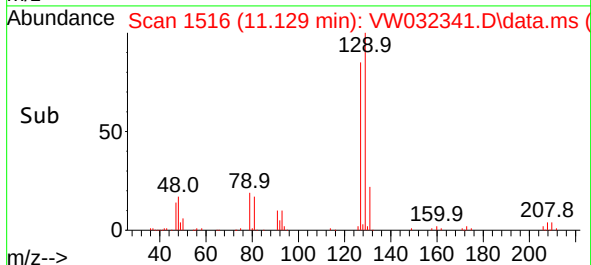
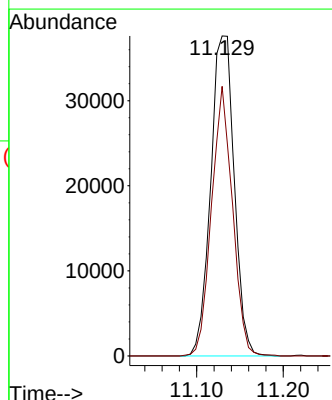
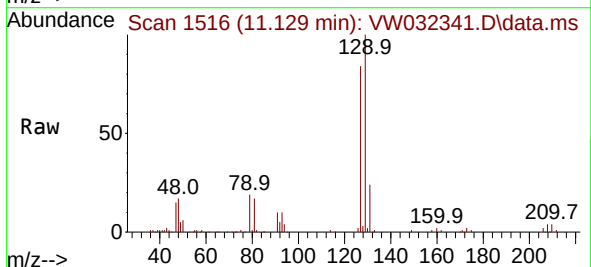
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBS01

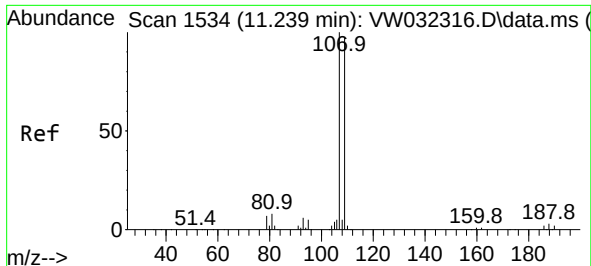
Tgt Ion: 43 Resp: 236063
Ion Ratio Lower Upper
43 100
58 53.3 27.5 82.4



#60
Dibromochloromethane
Concen: 20.649 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

Tgt Ion: 129 Resp: 71272
Ion Ratio Lower Upper
129 100
127 74.7 38.1 114.5

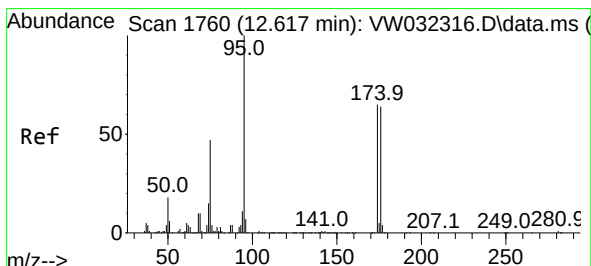
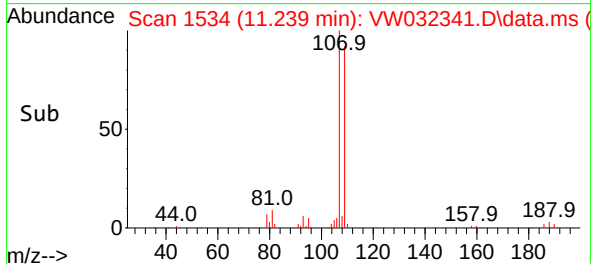
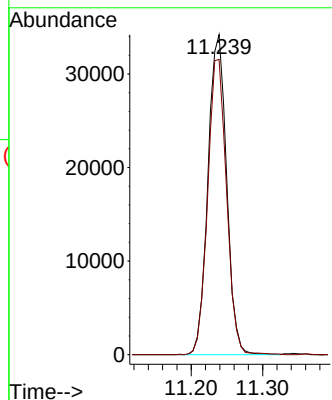
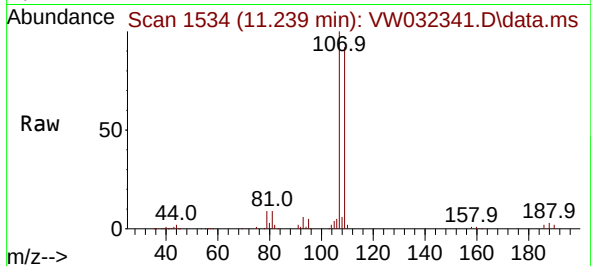




#61
1,2-Dibromoethane
Concen: 20.872 ug/l
RT: 11.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

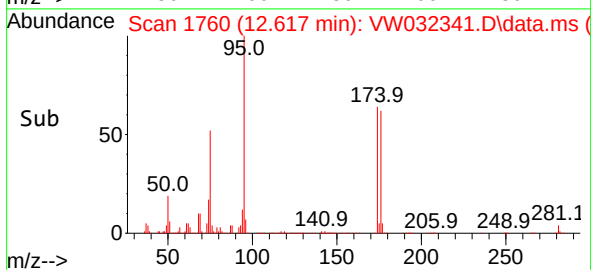
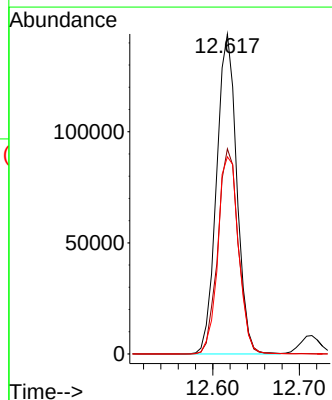
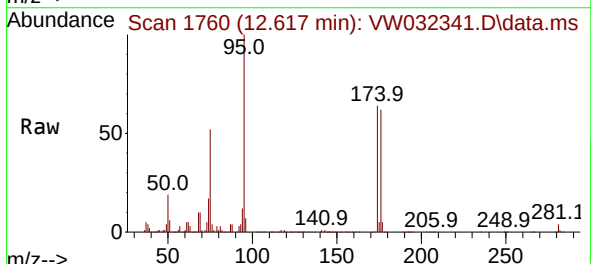
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBS01

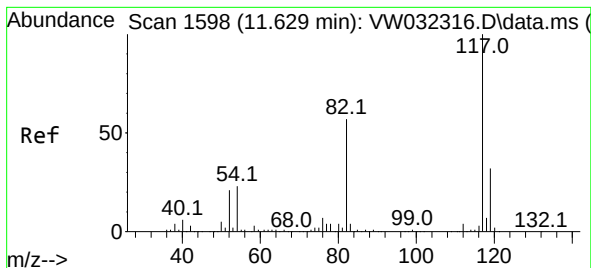
Tgt Ion:107 Resp: 61866
Ion Ratio Lower Upper
107 100
109 93.6 74.5 111.7



#62
4-Bromofluorobenzene
Concen: 49.994 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

Tgt Ion: 95 Resp: 233622
Ion Ratio Lower Upper
95 100
174 64.9 0.0 145.6
176 63.2 0.0 140.8

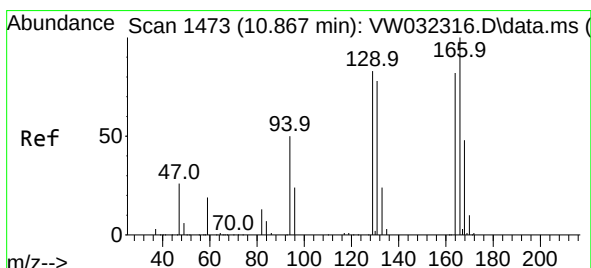
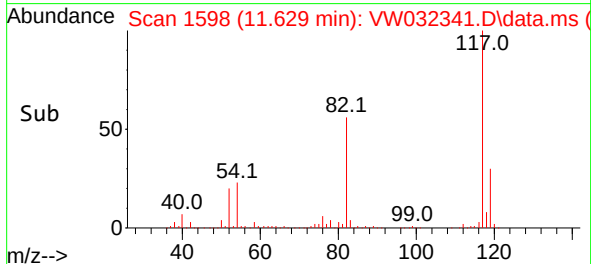
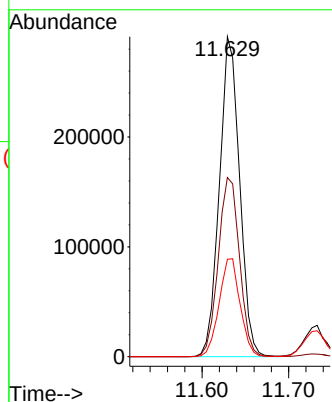
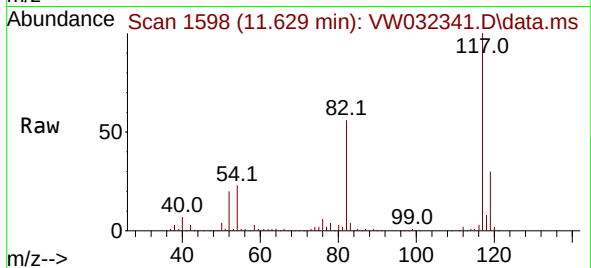




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 117
Delta R.T. -0.000 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

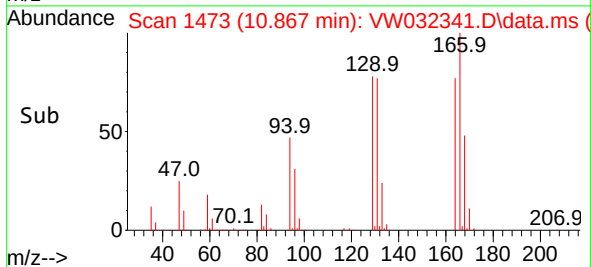
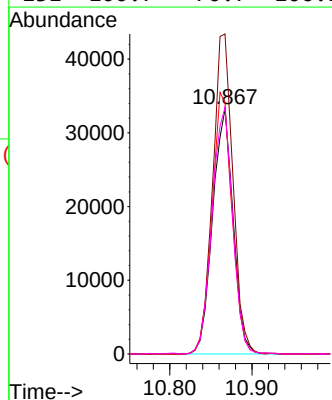
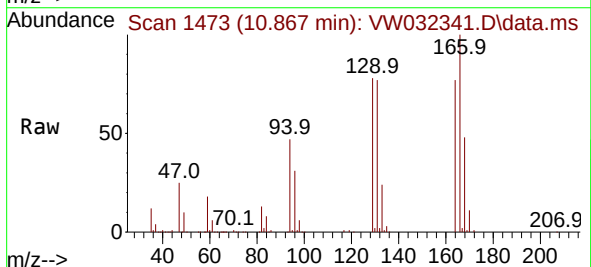
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBS01

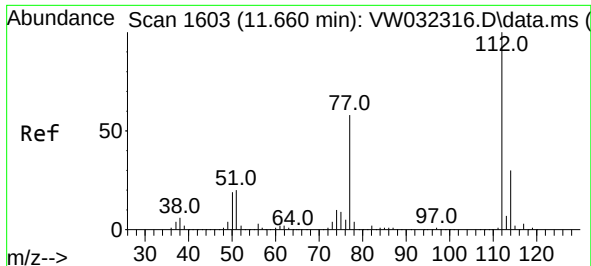
Tgt Ion:117 Resp: 472342
Ion Ratio Lower Upper
117 100
82 56.0 42.7 64.1
119 30.4 25.2 37.8



#64
Tetrachloroethene
Concen: 20.373 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

Tgt Ion:164 Resp: 57582
Ion Ratio Lower Upper
164 100
166 130.7 97.5 146.3
129 102.5 71.2 106.8
131 100.7 70.7 106.1

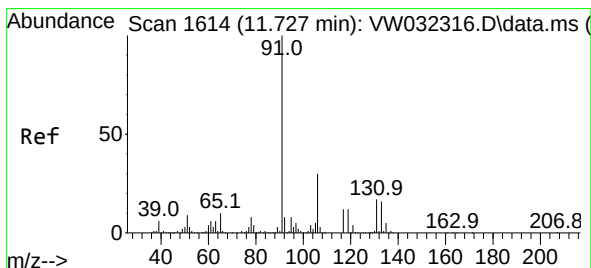
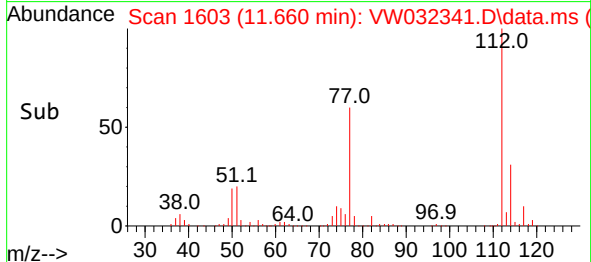
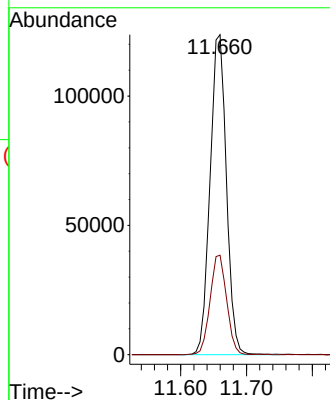
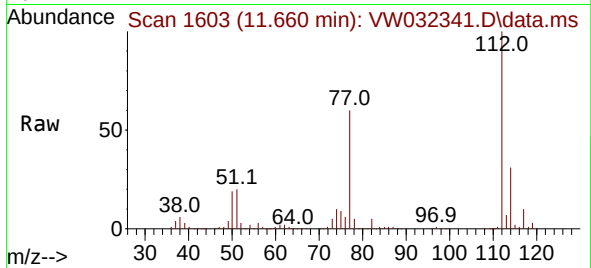




#65
Chlorobenzene
Concen: 20.598 ug/l
RT: 11.660 min Scan# 1160
Delta R.T. 0.006 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

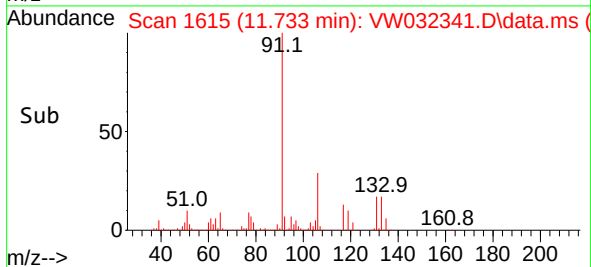
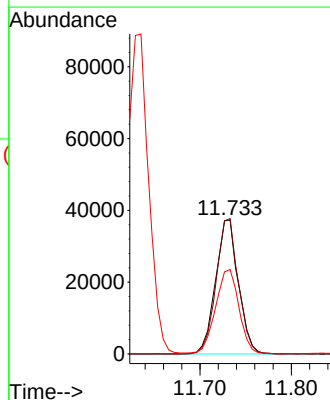
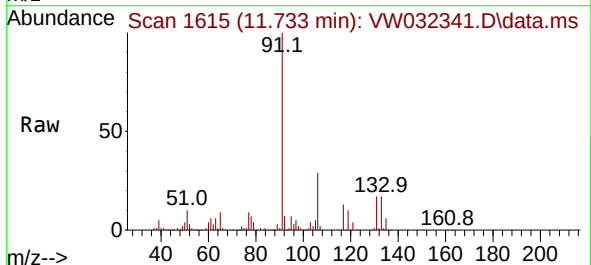
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBS01

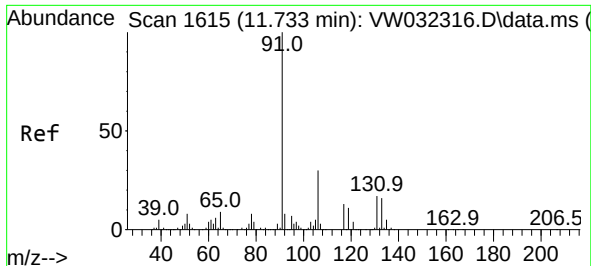
Tgt Ion:112 Resp: 214074
Ion Ratio Lower Upper
112 100
114 31.1 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.921 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

Tgt Ion:131 Resp: 64483
Ion Ratio Lower Upper
131 100
133 98.8 47.7 143.1
119 65.2 32.8 98.3

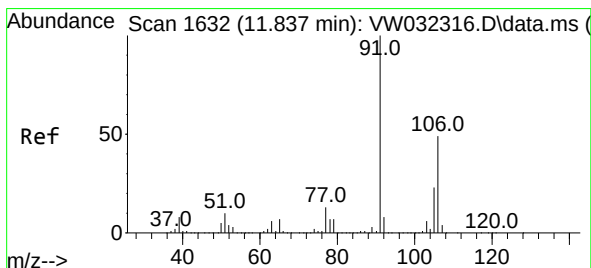
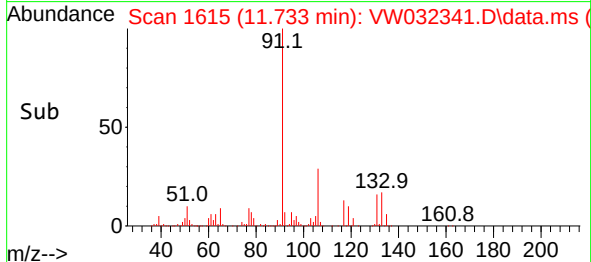
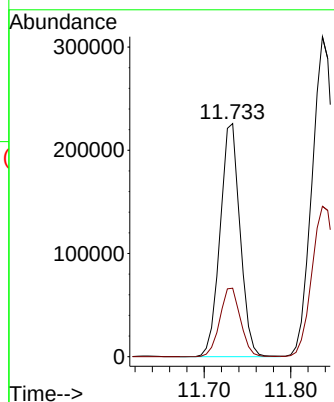
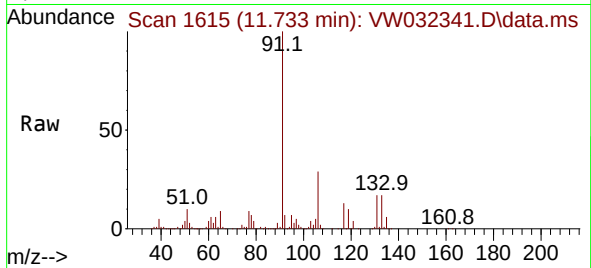




#67
Ethyl Benzene
Concen: 20.863 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. -0.000 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

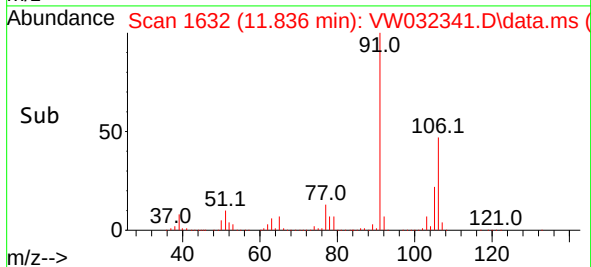
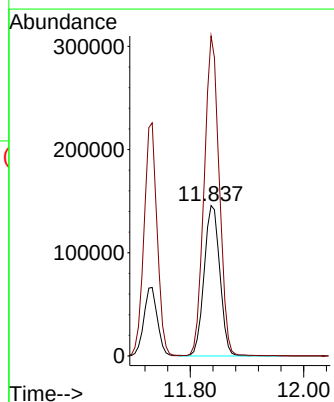
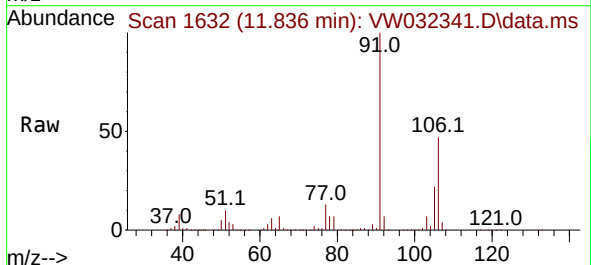
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBS01

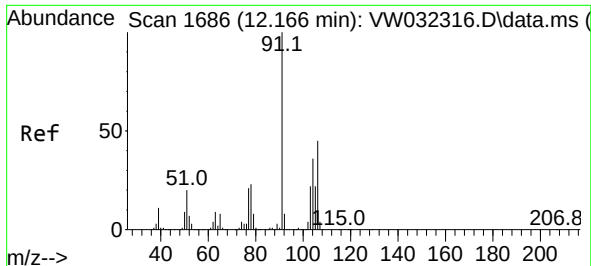
Tgt Ion: 91 Resp: 361410
Ion Ratio Lower Upper
91 100
106 29.4 25.3 37.9



#68
m/p-Xylenes
Concen: 41.956 ug/l
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

Tgt Ion: 106 Resp: 280266
Ion Ratio Lower Upper
106 100
91 203.8 164.2 246.2

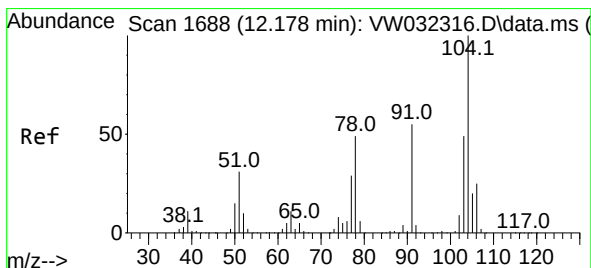
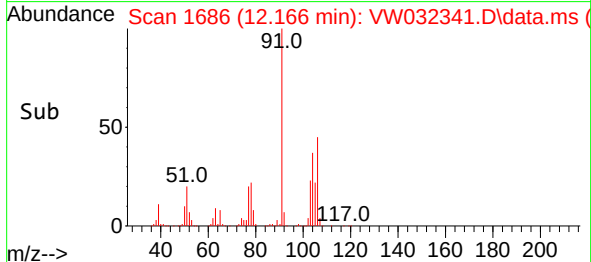
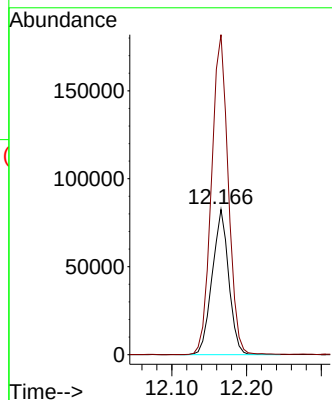
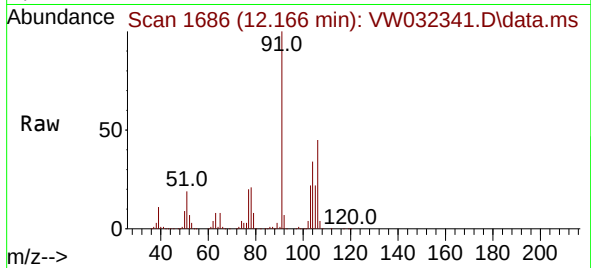




#69
o-Xylene
Concen: 20.370 ug/l
RT: 12.166 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

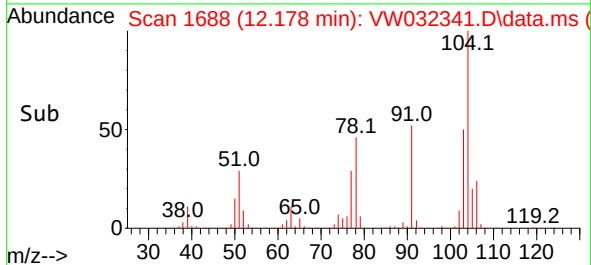
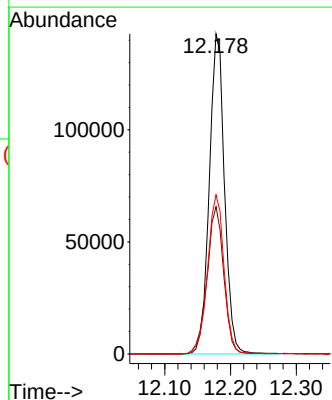
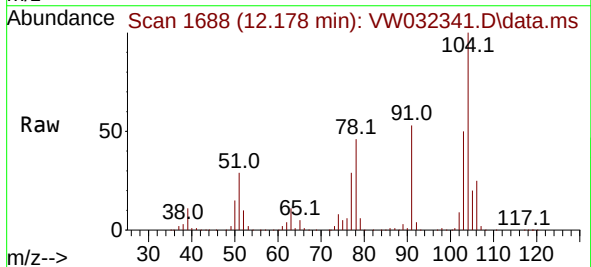
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBS01

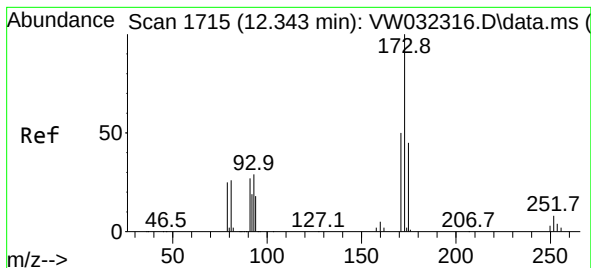
Tgt Ion:106 Resp: 127250
Ion Ratio Lower Upper
106 100
91 224.2 108.7 326.3



#70
Styrene
Concen: 21.121 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

Tgt Ion:104 Resp: 230366
Ion Ratio Lower Upper
104 100
78 50.4 41.6 62.4
103 54.0 44.8 67.2





#71

Bromoform

Concen: 19.604 ug/l

RT: 12.349 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032341.D

Acq: 03 Oct 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :

VW1003SBS01

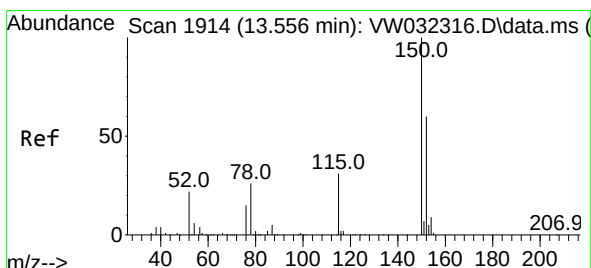
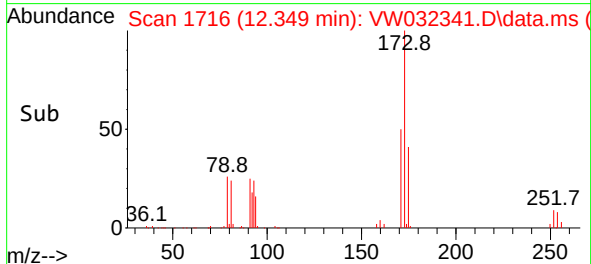
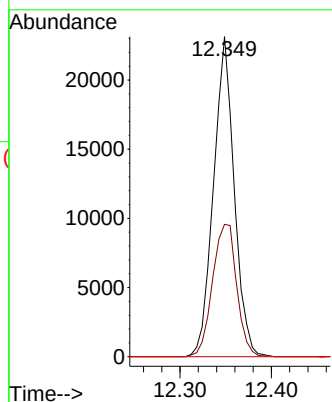
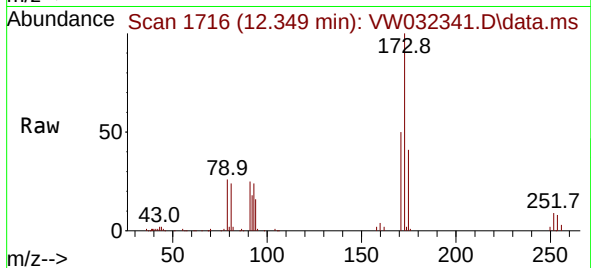
Tgt Ion:173 Resp: 36374

Ion Ratio Lower Upper

173 100

175 48.3 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: VW032341.D

Acq: 03 Oct 2025 10:09

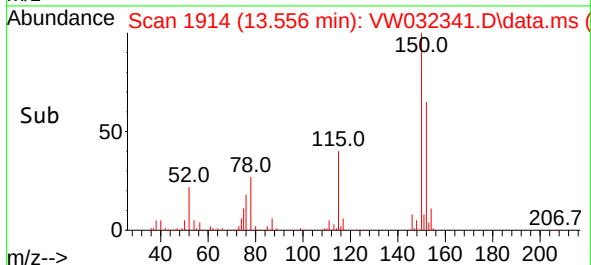
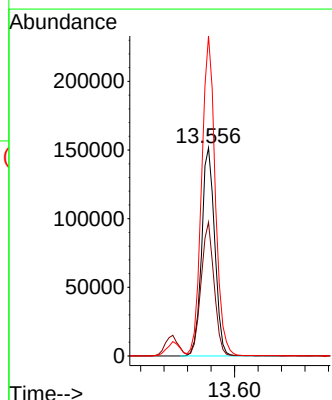
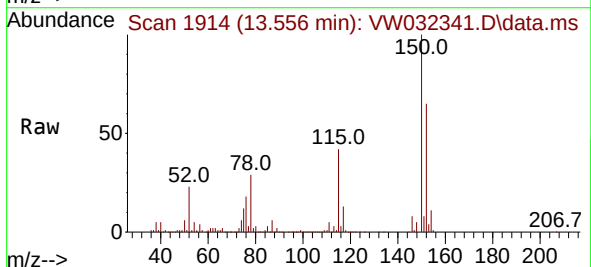
Tgt Ion:152 Resp: 234620

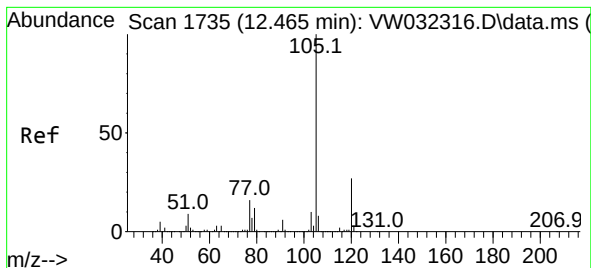
Ion Ratio Lower Upper

152 100

115 64.0 31.8 95.4

150 159.7 0.0 343.0

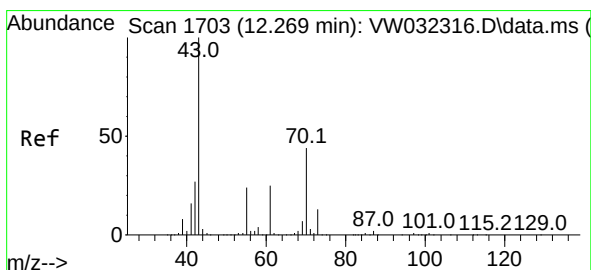
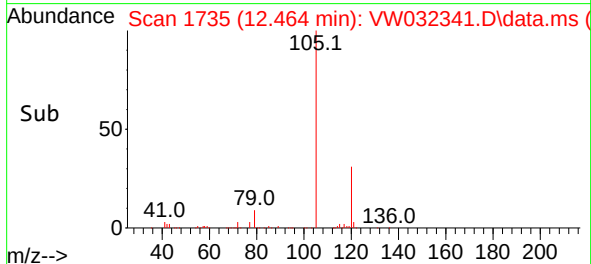
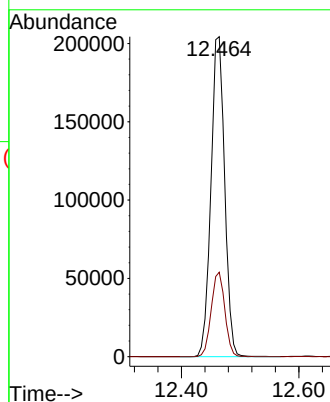
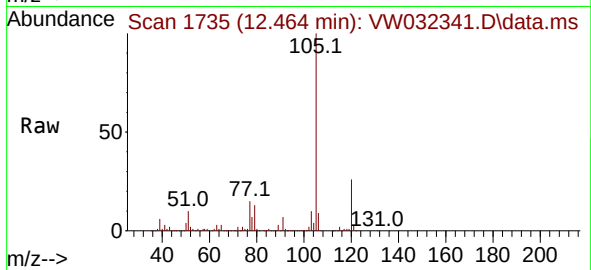




#73
Isopropylbenzene
Concen: 20.643 ug/l
RT: 12.464 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

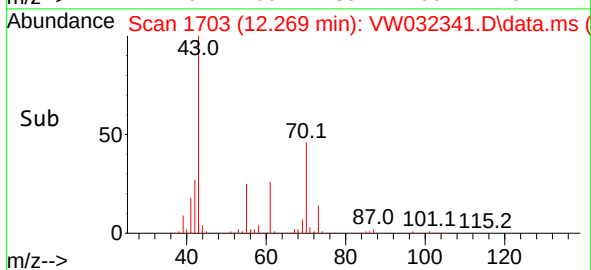
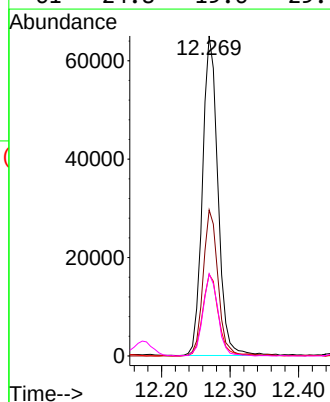
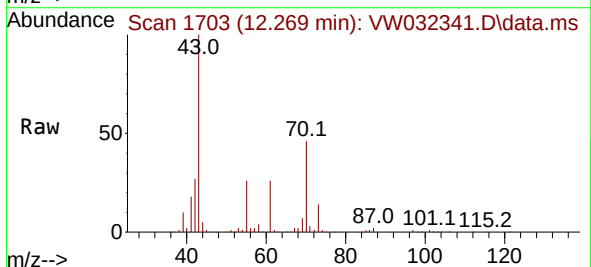
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBS01

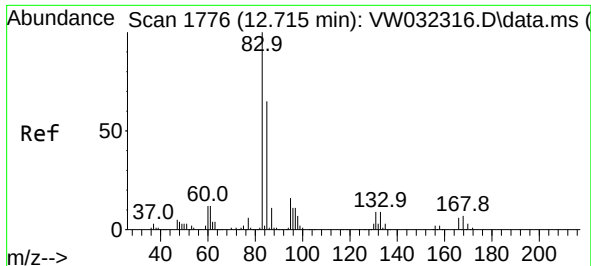
Tgt Ion:105 Resp: 331358
Ion Ratio Lower Upper
105 100
120 26.1 13.0 38.9



#74
N-ethyl acetate
Concen: 20.033 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

Tgt Ion: 43 Resp: 102583
Ion Ratio Lower Upper
43 100
70 43.6 35.3 52.9
55 26.4 19.9 29.9
61 24.8 19.6 29.4

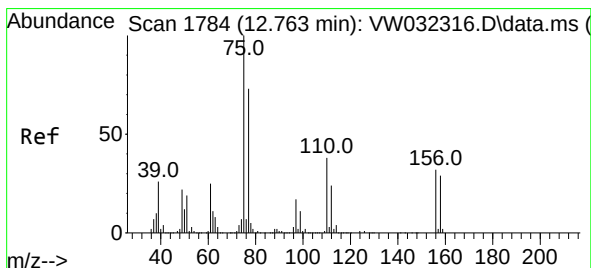
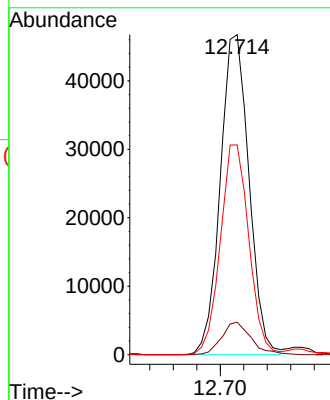
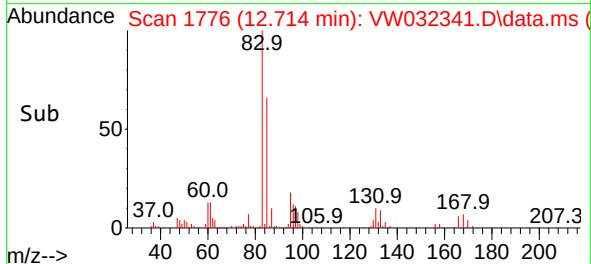
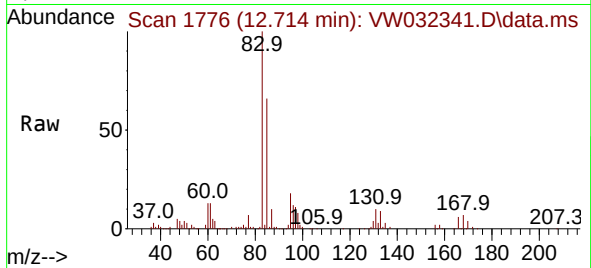




#75
1,1,2,2-Tetrachloroethane
Concen: 19.885 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

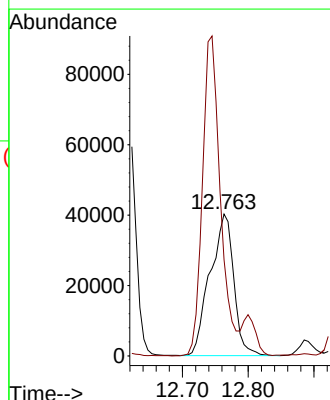
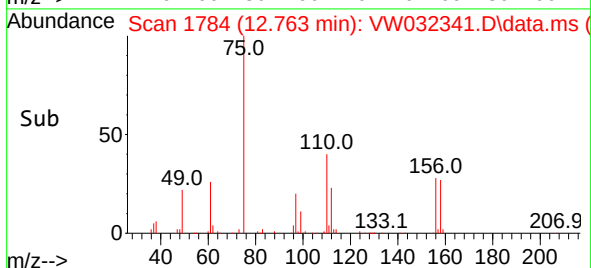
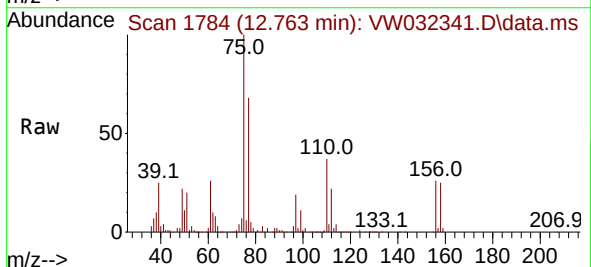
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBS01

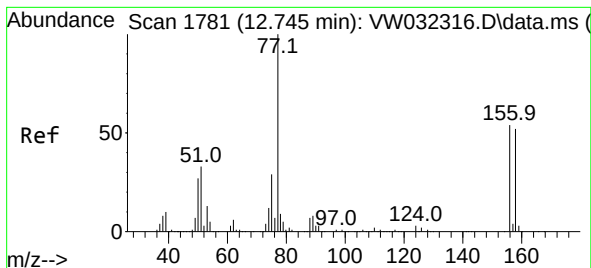
Tgt Ion: 83 Resp: 79252
Ion Ratio Lower Upper
83 100
131 10.4 5.1 15.4
85 65.3 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 32.722 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

Tgt Ion: 75 Resp: 101030
Ion Ratio Lower Upper
75 100
77 169.8 141.7 425.1





#77

Bromobenzene

Concen: 20.658 ug/l

RT: 12.745 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032341.D

Acq: 03 Oct 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :

VW1003SBS01

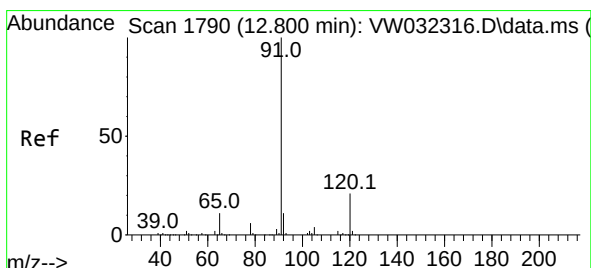
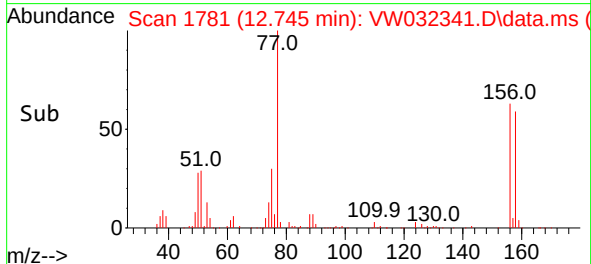
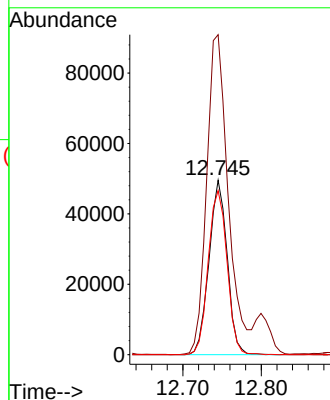
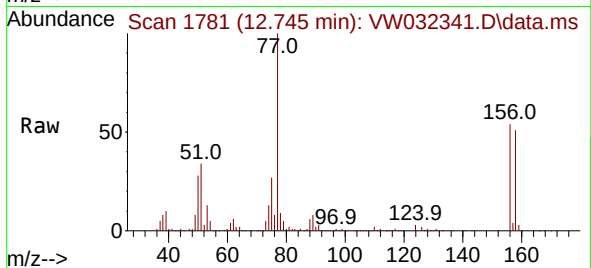
Tgt Ion:156 Resp: 79932

Ion Ratio Lower Upper

156 100

77 214.6 98.6 295.7

158 97.3 48.4 145.0



#78

n-propylbenzene

Concen: 20.620 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VW032341.D

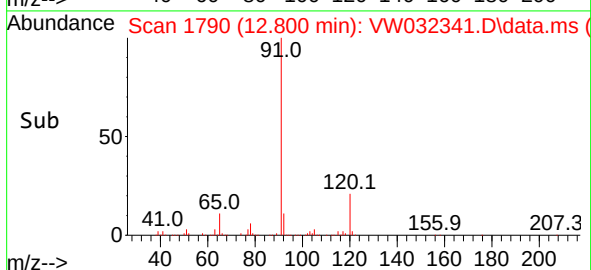
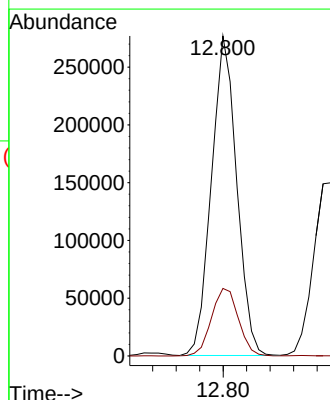
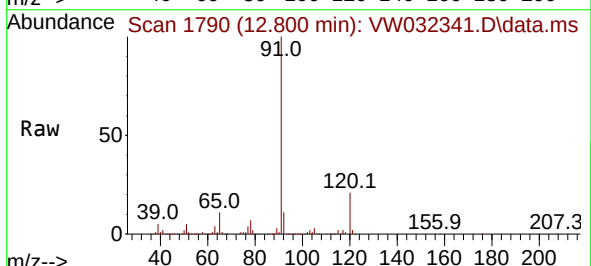
Acq: 03 Oct 2025 10:09

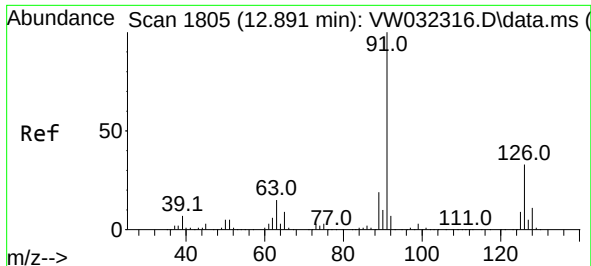
Tgt Ion: 91 Resp: 413445

Ion Ratio Lower Upper

91 100

120 22.5 11.8 35.4

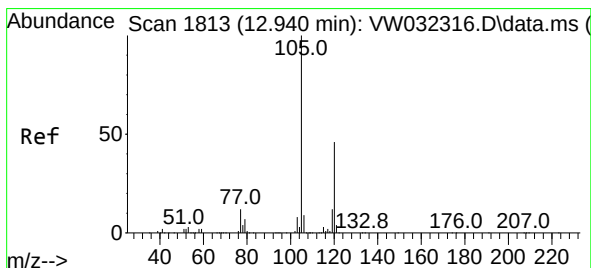
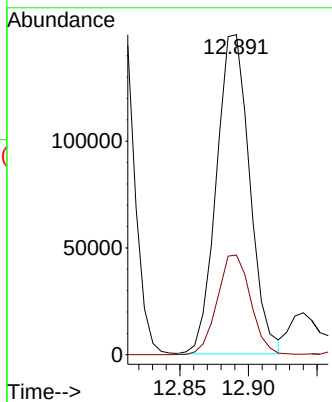
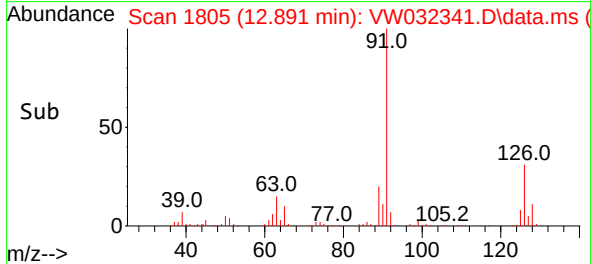
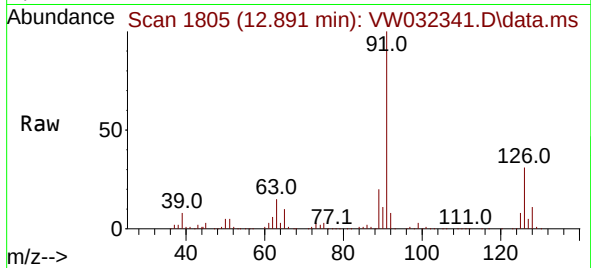




#79
2-Chlorotoluene
Concen: 20.645 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

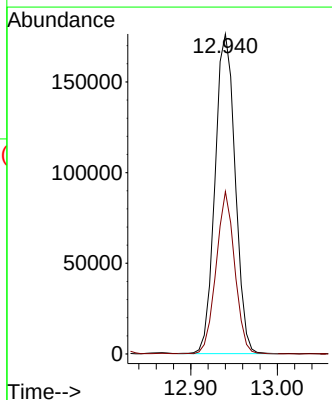
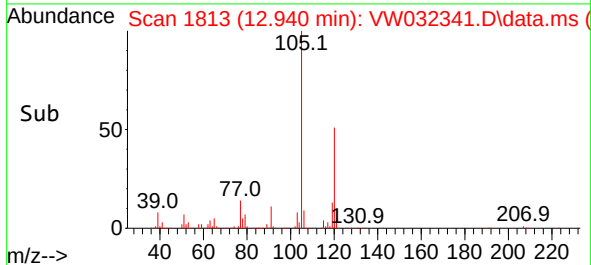
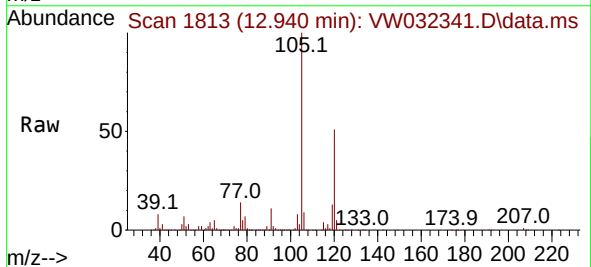
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBS01

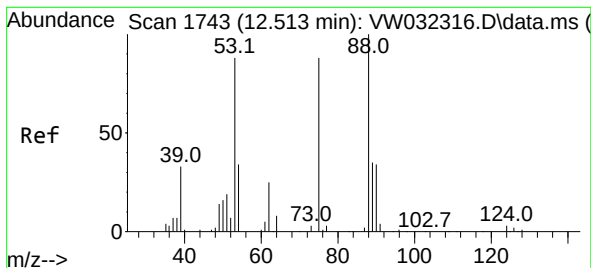
Tgt Ion: 91 Resp: 253102
Ion Ratio Lower Upper
91 100
126 31.2 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 20.493 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

Tgt Ion: 105 Resp: 284439
Ion Ratio Lower Upper
105 100
120 47.2 24.8 74.4

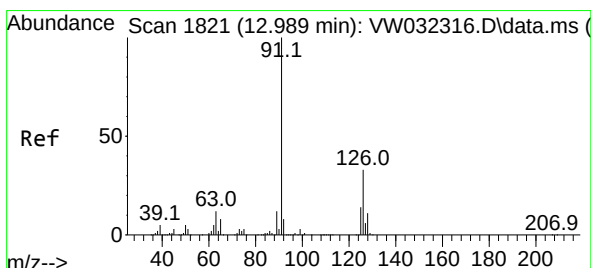
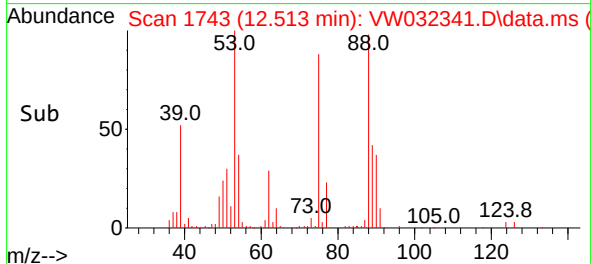
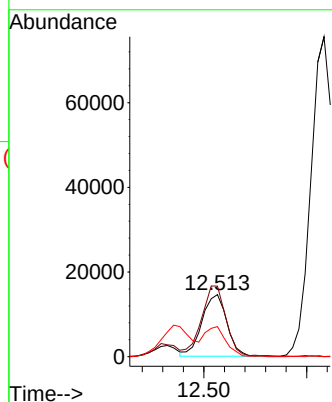
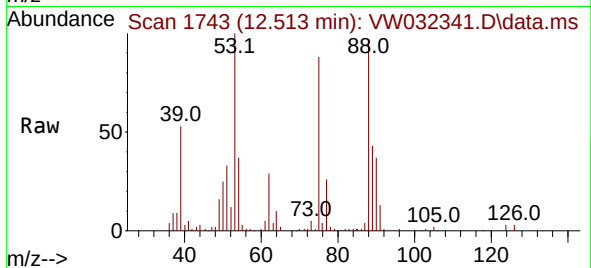




#81
trans-1,4-Dichloro-2-butene
Concen: 20.214 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

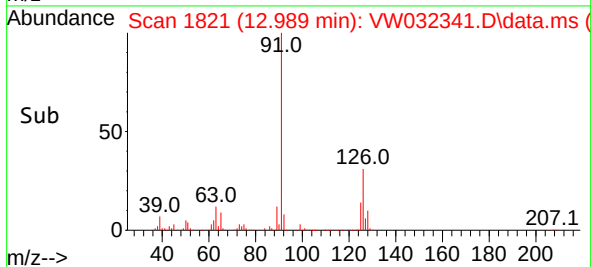
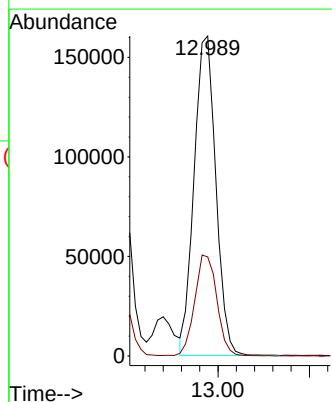
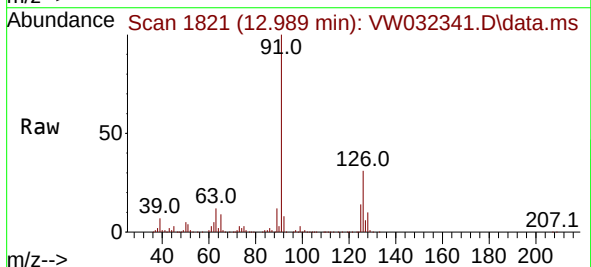
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBS01

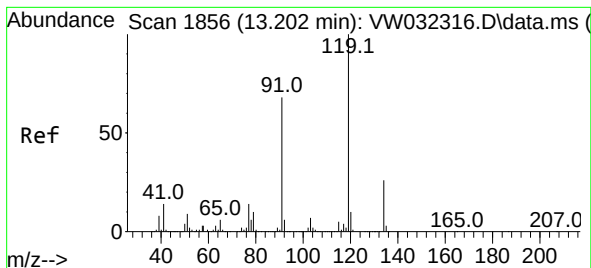
Tgt Ion: 75 Resp: 24636
Ion Ratio Lower Upper
75 100
53 112.9 91.0 136.6
89 41.7 39.4 59.2



#82
4-Chlorotoluene
Concen: 20.349 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

Tgt Ion: 91 Resp: 265232
Ion Ratio Lower Upper
91 100
126 32.2 16.1 48.2

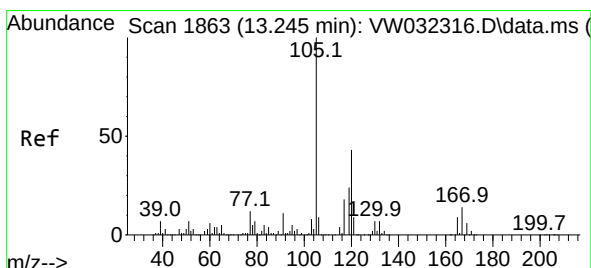
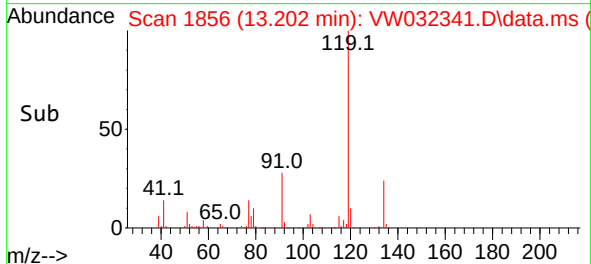
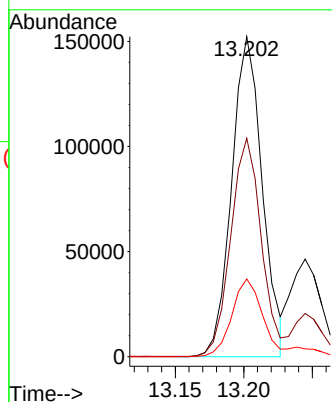
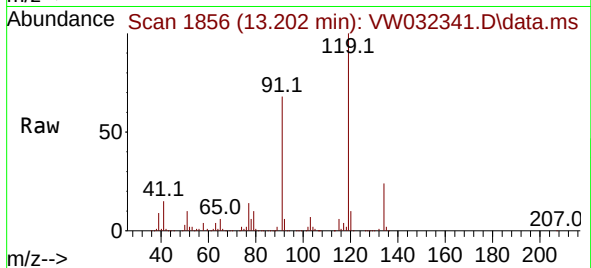




#83
tert-Butylbenzene
Concen: 20.809 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

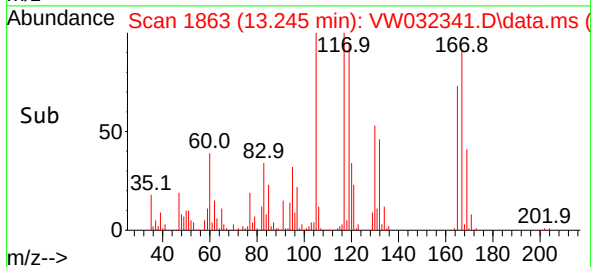
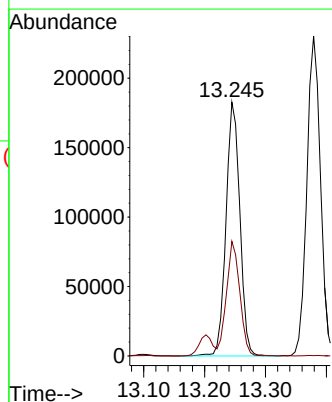
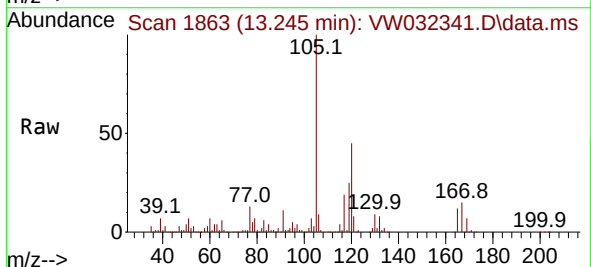
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBS01

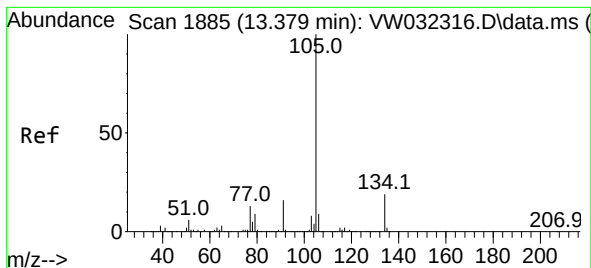
Tgt Ion:119 Resp: 236976
Ion Ratio Lower Upper
119 100
91 67.8 33.8 101.3
134 24.5 12.5 37.5



#84
1,2,4-Trimethylbenzene
Concen: 20.453 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

Tgt Ion:105 Resp: 288657
Ion Ratio Lower Upper
105 100
120 43.5 22.1 66.3





#85

sec-Butylbenzene

Concen: 20.455 ug/l

RT: 13.379 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032341.D

Acq: 03 Oct 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :

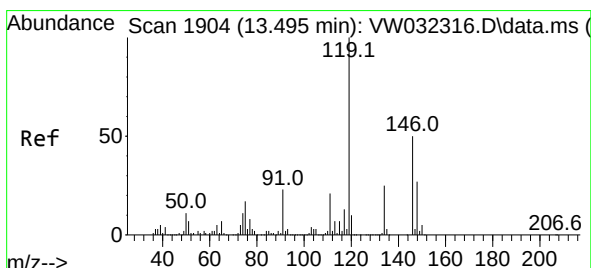
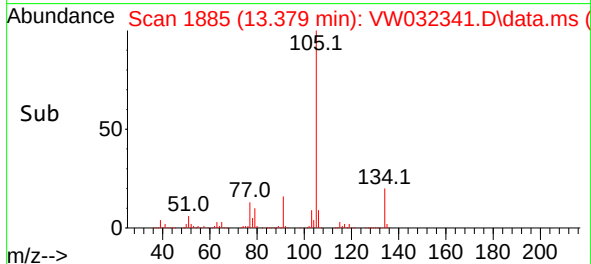
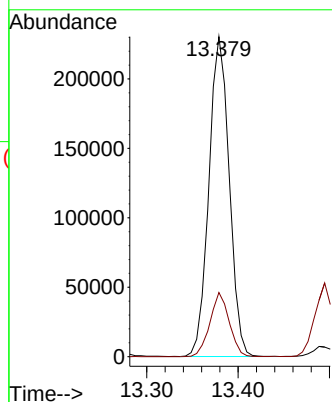
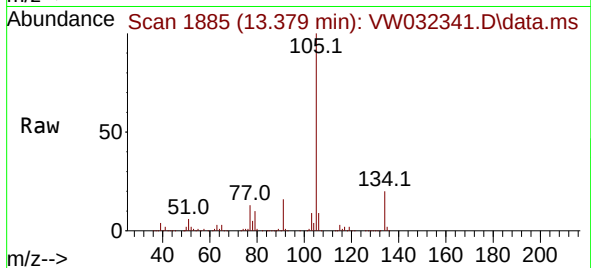
VW1003SBS01

Tgt Ion:105 Resp: 355980

Ion Ratio Lower Upper

105 100

134 19.1 10.1 30.1



#86

p-Isopropyltoluene

Concen: 20.880 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032341.D

Acq: 03 Oct 2025 10:09

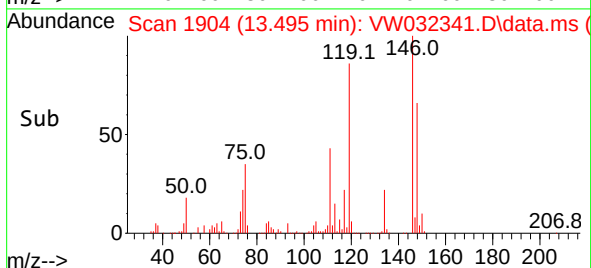
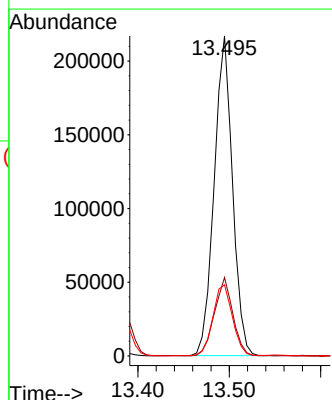
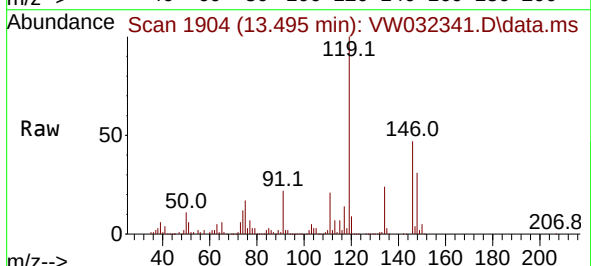
Tgt Ion:119 Resp: 301518

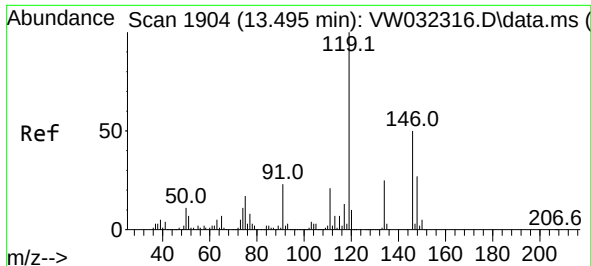
Ion Ratio Lower Upper

119 100

134 24.6 12.6 37.6

91 23.7 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 20.501 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032341.D

Acq: 03 Oct 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :

VW1003SBS01

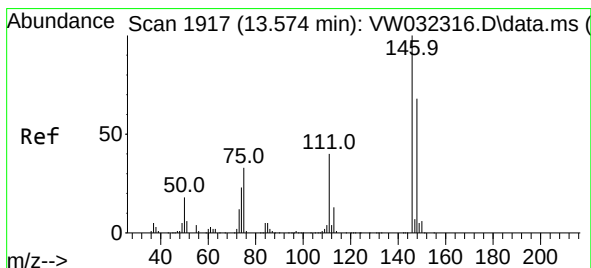
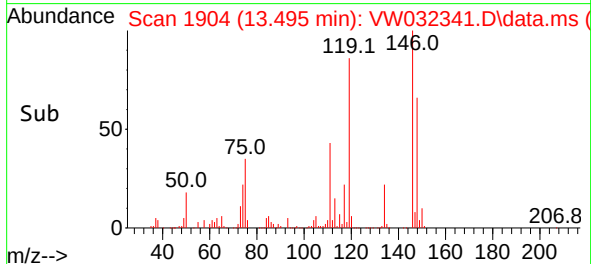
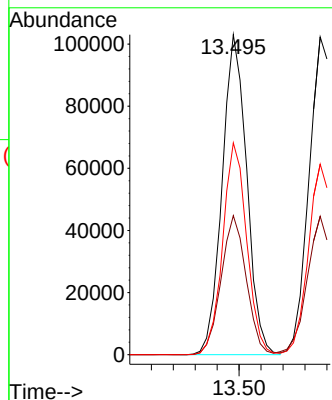
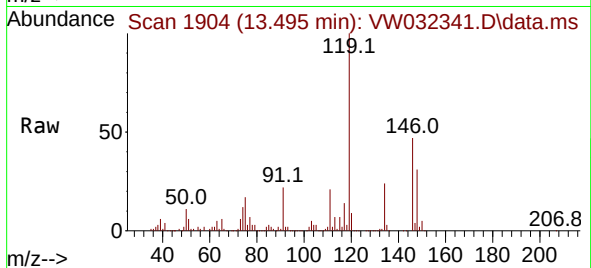
Tgt Ion:146 Resp: 160629

Ion Ratio Lower Upper

146 100

111 44.4 20.6 61.9

148 64.6 30.6 92.0



#88

1,4-Dichlorobenzene

Concen: 20.949 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032341.D

Acq: 03 Oct 2025 10:09

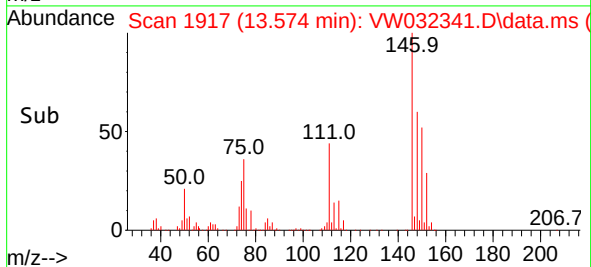
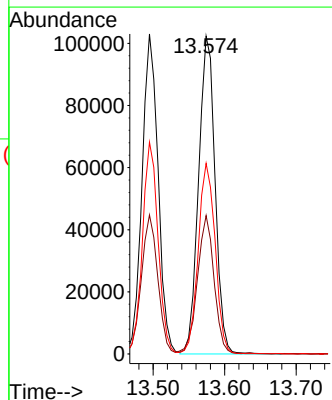
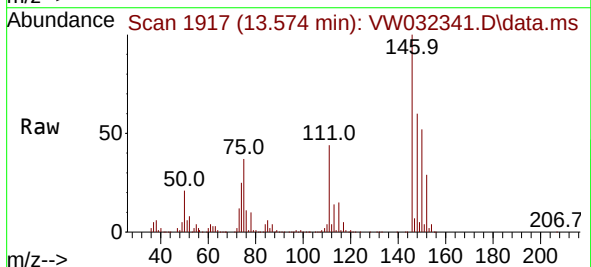
Tgt Ion:146 Resp: 164120

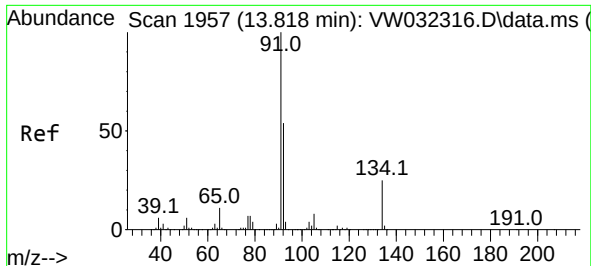
Ion Ratio Lower Upper

146 100

111 43.7 21.3 63.7

148 61.3 33.4 100.1





#89

n-Butylbenzene

Concen: 20.330 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VW032341.D

Acq: 03 Oct 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :

VW1003SBS01

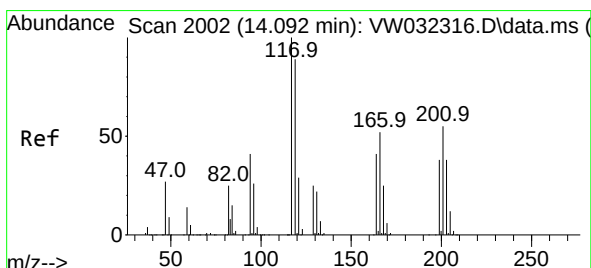
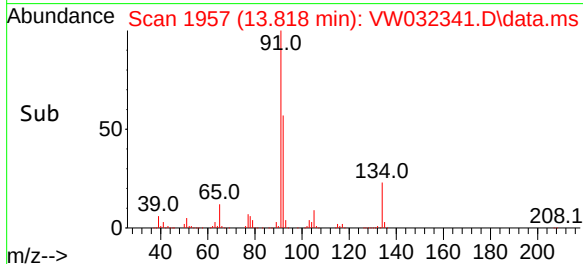
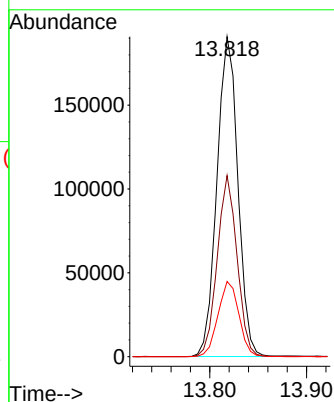
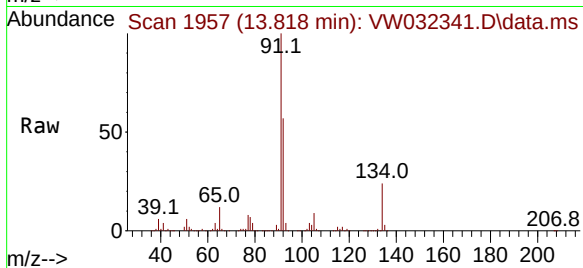
Tgt Ion: 91 Resp: 286635

Ion Ratio Lower Upper

91 100

92 53.7 27.0 81.0

134 23.5 13.1 39.3



#90

Hexachloroethane

Concen: 19.915 ug/l

RT: 14.092 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VW032341.D

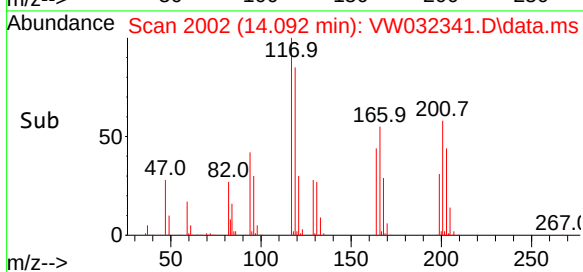
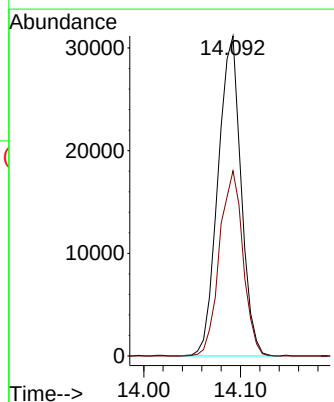
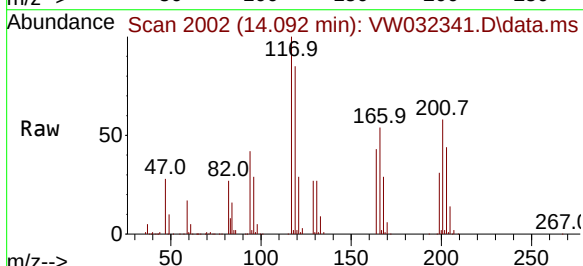
Acq: 03 Oct 2025 10:09

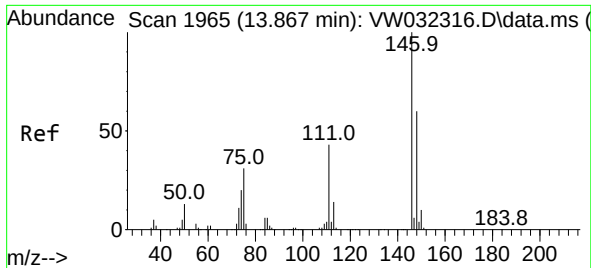
Tgt Ion: 117 Resp: 51546

Ion Ratio Lower Upper

117 100

201 58.9 32.8 98.4

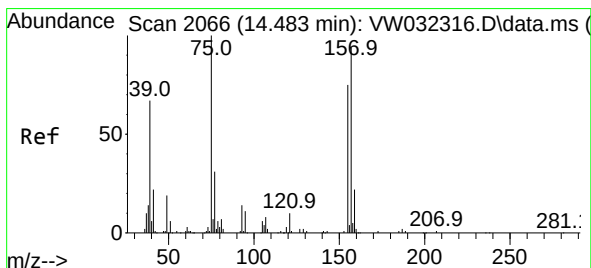
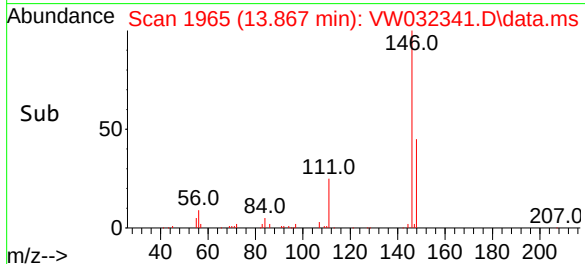
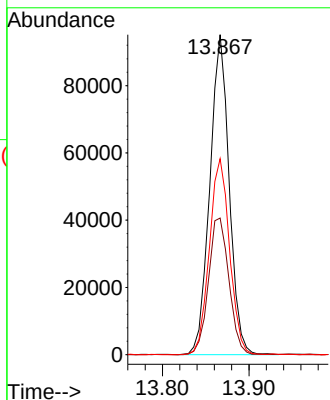
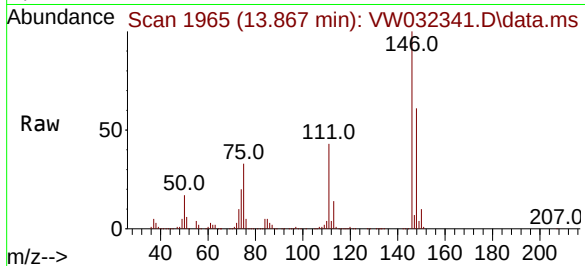




#91
1,2-Dichlorobenzene
Concen: 20.826 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

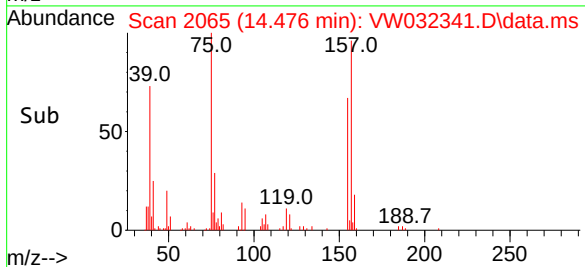
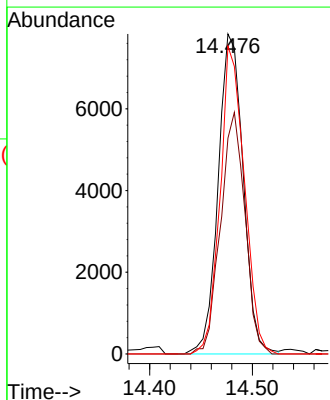
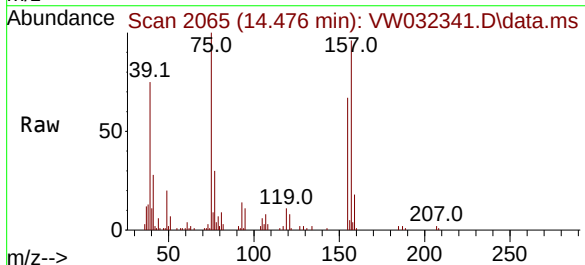
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBS01

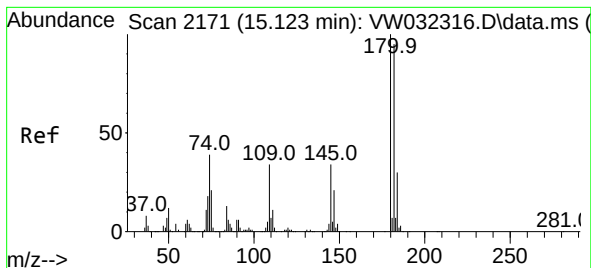
Tgt Ion:146 Resp: 147501
Ion Ratio Lower Upper
146 100
111 45.3 23.4 70.0
148 63.9 34.1 102.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.951 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW032341.D
Acq: 03 Oct 2025 10:09

Tgt Ion: 75 Resp: 13224
Ion Ratio Lower Upper
75 100
155 73.6 40.8 122.5
157 93.3 51.8 155.4





#93

1,2,4-Trichlorobenzene

Concen: 20.268 ug/l

RT: 15.123 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW032341.D

Acq: 03 Oct 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :

VW1003SBS01

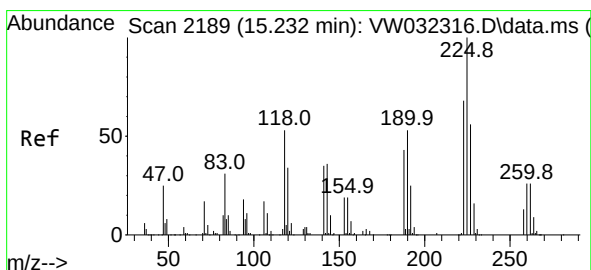
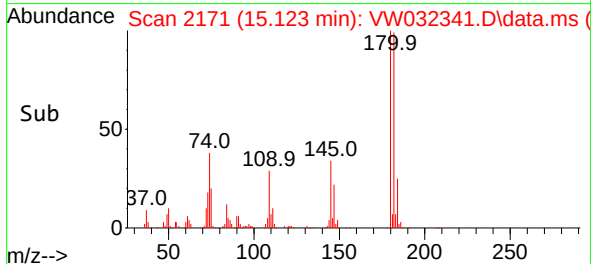
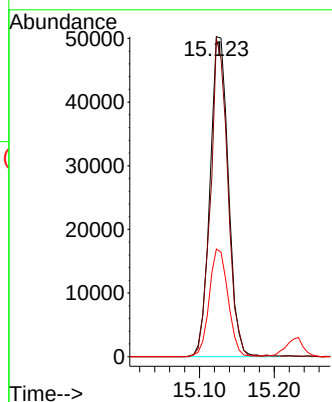
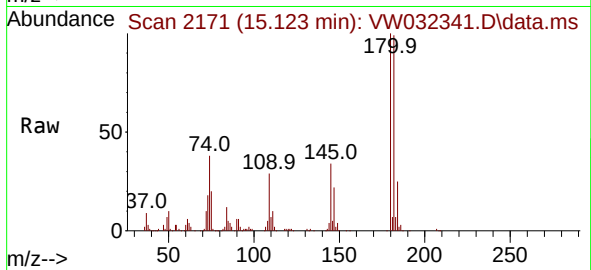
Tgt Ion:180 Resp: 86078

Ion Ratio Lower Upper

180 100

182 93.4 47.4 142.2

145 34.4 16.4 49.1



#94

Hexachlorobutadiene

Concen: 19.836 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. -0.000 min

Lab File: VW032341.D

Acq: 03 Oct 2025 10:09

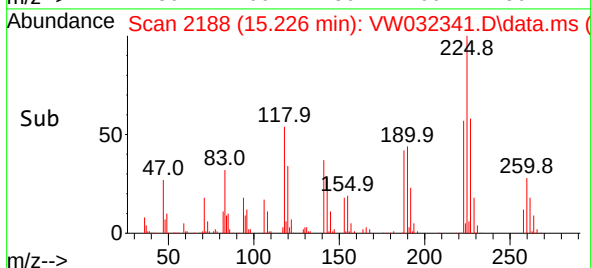
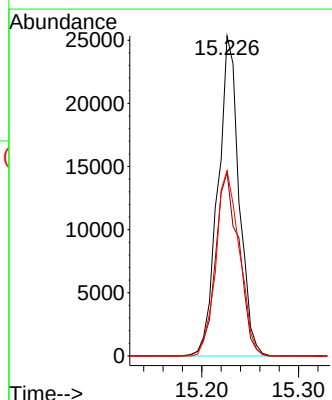
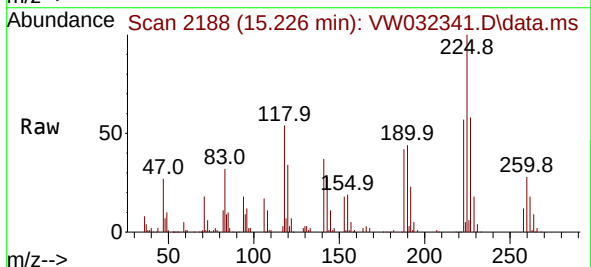
Tgt Ion:225 Resp: 38516

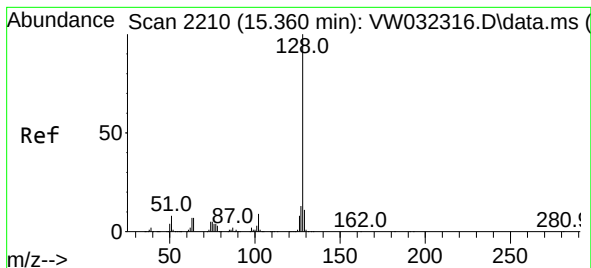
Ion Ratio Lower Upper

225 100

223 63.0 29.8 89.3

227 64.5 30.5 91.5





#95

Naphthalene

Concen: 19.391 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW032341.D

Acq: 03 Oct 2025 10:09

Instrument :

MSVOA_W

ClientSampleId :

VW1003SBS01

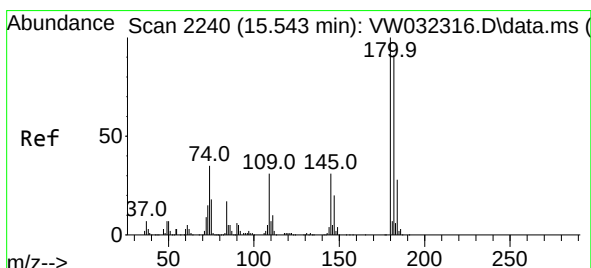
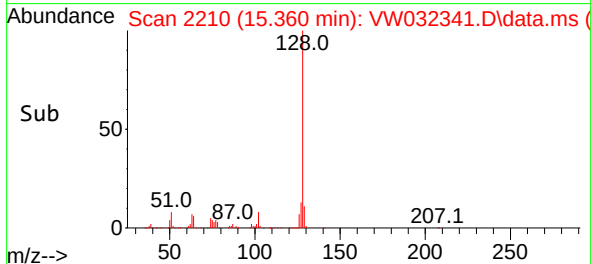
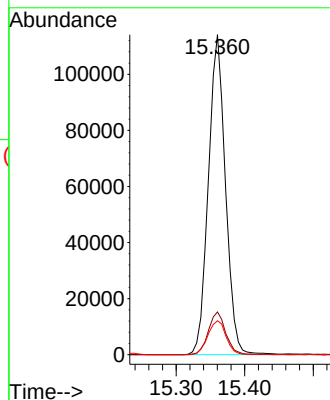
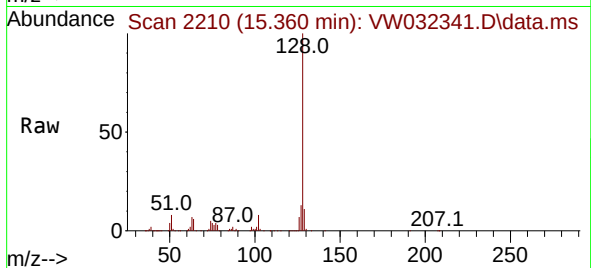
Tgt Ion:128 Resp: 197775

Ion Ratio Lower Upper

128 100

127 13.6 10.6 16.0

129 11.3 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 20.884 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW032341.D

Acq: 03 Oct 2025 10:09

Tgt Ion:180 Resp: 83600

Ion Ratio Lower Upper

180 100

182 87.1 47.7 143.1

145 33.7 17.2 51.6

