

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080525\
 Data File : VW032004.D
 Acq On : 05 Aug 2025 09:05
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 06 03:50:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.953	168	203098	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.849	114	376001	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	340179	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	156766	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.313	65	160860	52.357	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 104.720%	
35) Dibromofluoromethane	7.898	113	142065	55.603	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 111.200%	
50) Toluene-d8	10.325	98	529417	54.750	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 109.500%	
62) 4-Bromofluorobenzene	12.617	95	194285	52.325	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 104.660%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	80990	53.654	ug/l	99
3) Chloromethane	2.253	50	113108	58.381	ug/l	100
4) Vinyl Chloride	2.405	62	139782	55.541	ug/l	99
5) Bromomethane	2.820	94	106251	57.331	ug/l	99
6) Chloroethane	2.966	64	97332	58.597	ug/l	97
7) Trichlorofluoromethane	3.302	101	125813	49.356	ug/l	97
8) Diethyl Ether	3.716	74	90355	53.064	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.100	101	140920	57.475	ug/l	99
10) Methyl Iodide	4.307	142	203190	55.427	ug/l	99
11) Tert butyl alcohol	5.210	59	45823	253.731	ug/l	99
12) 1,1-Dichloroethene	4.076	96	155170	57.298	ug/l	92
13) Acrolein	3.929	56	14090	48.191	ug/l	95
14) Allyl chloride	4.704	41	232036	55.040	ug/l	99
15) Acrylonitrile	5.399	53	201710	264.967	ug/l	98
16) Acetone	4.155	43	184491	253.054	ug/l	99
17) Carbon Disulfide	4.411	76	411010	58.519	ug/l	100
18) Methyl Acetate	4.704	43	120338	59.912	ug/l	100
19) Methyl tert-butyl Ether	5.460	73	268733	57.432	ug/l	99
20) Methylene Chloride	4.948	84	167445	54.081	ug/l	97
21) trans-1,2-Dichloroethene	5.447	96	161396	56.170	ug/l	96
22) Diisopropyl ether	6.338	45	475165	56.328	ug/l	97
23) Vinyl Acetate	6.277	43	1465126	265.845	ug/l	99
24) 1,1-Dichloroethane	6.240	63	299750	57.071	ug/l	99
25) 2-Butanone	7.191	43	249315	249.937	ug/l	96
26) 2,2-Dichloropropane	7.185	77	165063	55.512	ug/l	96
27) cis-1,2-Dichloroethene	7.191	96	191482	56.685	ug/l	98
28) Bromochloromethane	7.532	49	107604	48.932	ug/l	93
29) Tetrahydrofuran	7.551	42	172660	264.008	ug/l	99
30) Chloroform	7.691	83	316604	57.492	ug/l	99
31) Cyclohexane	7.971	56	253093	53.713	ug/l	99
32) 1,1,1-Trichloroethane	7.880	97	242965	57.980	ug/l	97
36) 1,1-Dichloropropene	8.093	75	221539	56.461	ug/l	99
37) Ethyl Acetate	7.270	43	113950	50.909	ug/l	99
38) Carbon Tetrachloride	8.075	117	215801	57.308	ug/l	97
39) Methylcyclohexane	9.343	83	274396	55.570	ug/l	99
40) Benzene	8.331	78	675398	58.149	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	62274	46.477	ug/l #	88
42) 1,2-Dichloroethane	8.410	62	206698	55.604	ug/l	99
43) Isopropyl Acetate	8.435	43	209988	51.822	ug/l	99
44) Trichloroethene	9.099	130	156767	56.783	ug/l	99
45) 1,2-Dichloropropane	9.374	63	159808	57.129	ug/l	99
46) Dibromomethane	9.465	93	97677	56.330	ug/l	99
47) Bromodichloromethane	9.648	83	237992	57.237	ug/l	98
48) Methyl methacrylate	9.441	41	102642	53.243	ug/l	98
49) 1,4-Dioxane	9.465	88	20985	1212.829	ug/l #	80
51) 4-Methyl-2-Pentanone	10.209	43	587322	264.846	ug/l	99
52) Toluene	10.392	92	436639	58.479	ug/l	99
53) t-1,3-Dichloropropene	10.611	75	222518	55.789	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	258544	56.761	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	130735	56.759	ug/l	94
56) Ethyl methacrylate	10.648	69	177173	54.464	ug/l	99
57) 1,3-Dichloropropane	10.934	76	224182	55.247	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	404321	241.976	ug/l	98
59) 2-Hexanone	10.971	43	397318	257.756	ug/l	99
60) Dibromochloromethane	11.129	129	161096	59.987	ug/l	96
61) 1,2-Dibromoethane	11.239	107	127325	55.943	ug/l	100
64) Tetrachloroethene	10.861	164	126512	56.407	ug/l #	83
65) Chlorobenzene	11.654	112	450077	54.059	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.733	131	147342	57.086	ug/l	97
67) Ethyl Benzene	11.727	91	807778	55.220	ug/l	100
68) m/p-Xylenes	11.837	106	636315	115.549	ug/l	95
69) o-Xylene	12.166	106	292525	56.130	ug/l	100
70) Styrene	12.178	104	519097	58.502	ug/l	98
71) Bromoform	12.349	173	82167	58.209	ug/l #	95
73) Isopropylbenzene	12.465	105	745339	54.796	ug/l	99
74) N-amyl acetate	12.269	43	190726	51.867	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	155765	53.950	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	198726	91.816	ug/l #	100
77) Bromobenzene	12.745	156	174451	59.276	ug/l	86
78) n-propylbenzene	12.800	91	934498	55.939	ug/l	99
79) 2-Chlorotoluene	12.891	91	552539	55.396	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	614693	53.883	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	49448	52.745	ug/l	98
82) 4-Chlorotoluene	12.983	91	578547	55.289	ug/l	99
83) tert-Butylbenzene	13.202	119	542901	55.870	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	649858	56.282	ug/l	100
85) sec-Butylbenzene	13.379	105	800994	54.890	ug/l	99
86) p-Isopropyltoluene	13.495	119	654975	54.302	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	345960	56.472	ug/l	96
88) 1,4-Dichlorobenzene	13.574	146	326709	54.440	ug/l	100
89) n-Butylbenzene	13.818	91	645781	54.578	ug/l	98
90) Hexachloroethane	14.086	117	113320	54.332	ug/l	95
91) 1,2-Dichlorobenzene	13.867	146	305455	56.261	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.476	75	26276	50.374	ug/l	97
93) 1,2,4-Trichlorobenzene	15.129	180	173246	52.911	ug/l	97
94) Hexachlorobutadiene	15.226	225	81337	52.424	ug/l	99
95) Naphthalene	15.354	128	425814	52.897	ug/l	99
96) 1,2,3-Trichlorobenzene	15.543	180	160439	54.081	ug/l	98

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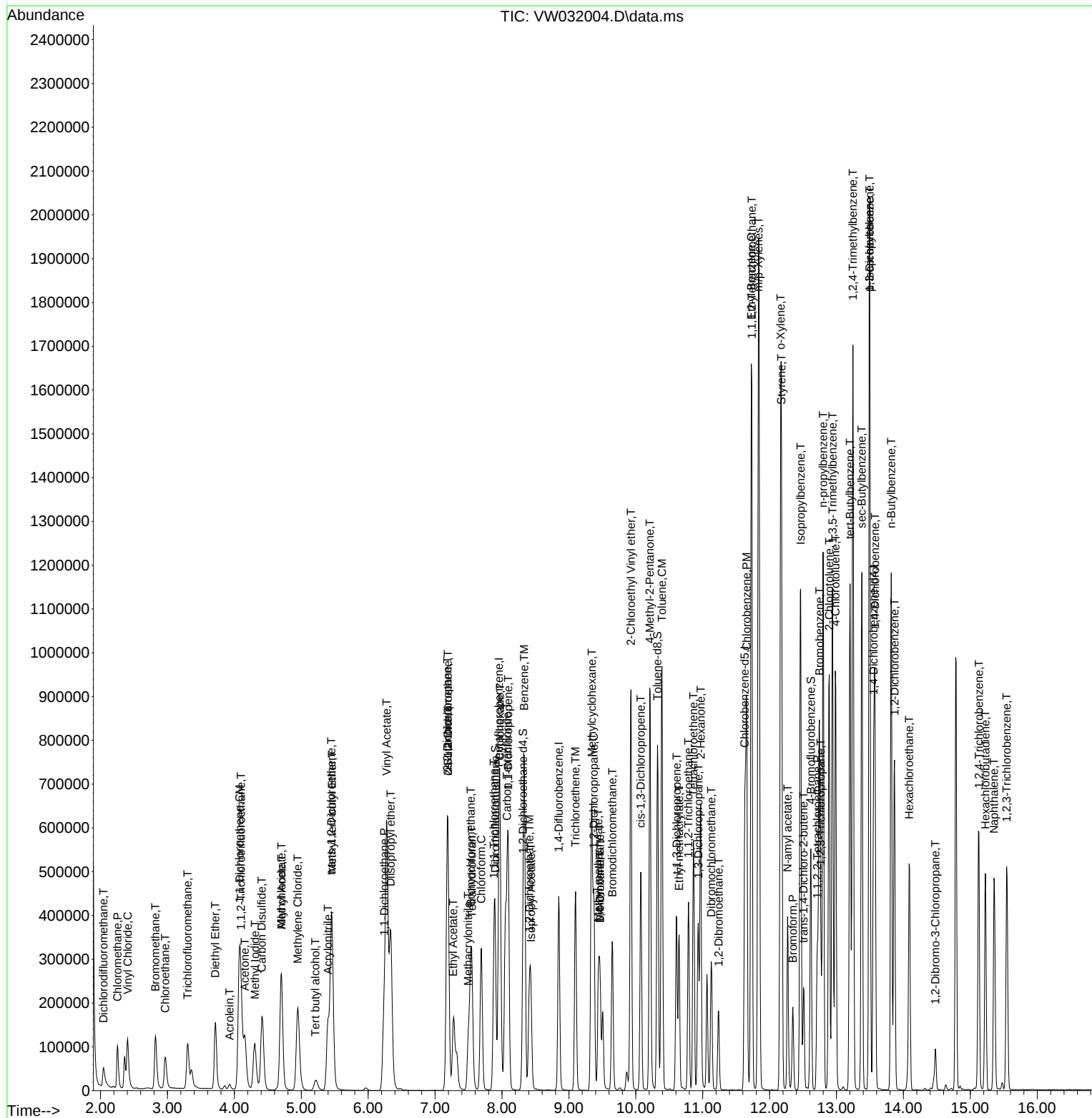
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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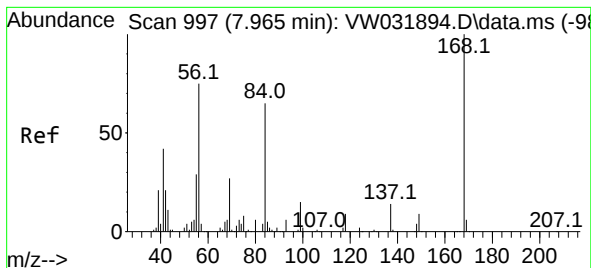
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.953 min Scan# 99

Delta R.T. -0.012 min

Lab File: VW032004.D

Acq: 05 Aug 2025 09:05

Instrument :

MSVOA_W

ClientSampleId :

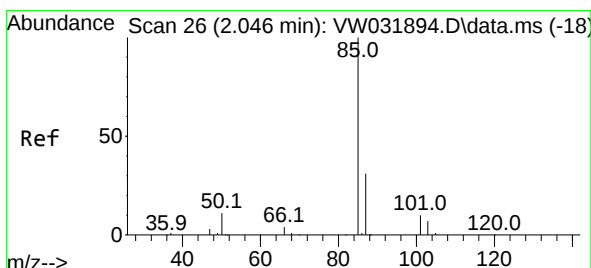
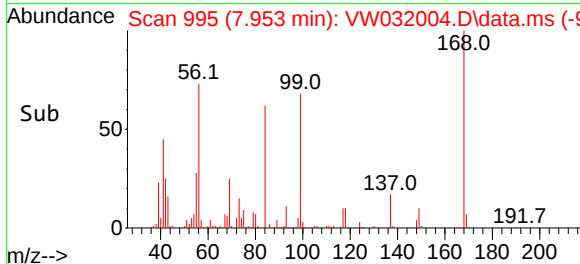
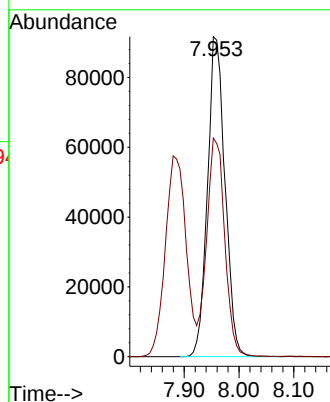
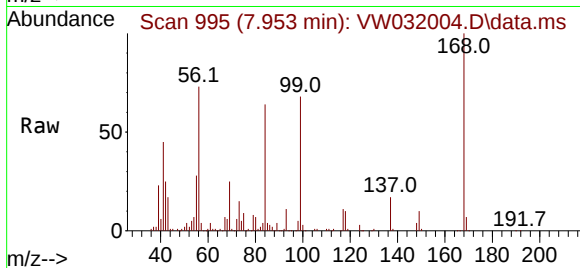
VSTDCCC050

Tgt Ion:168 Resp: 203098

Ion Ratio Lower Upper

168 100

99 68.2 48.2 72.2



#2

Dichlorodifluoromethane

Concen: 53.654 ug/l

RT: 2.046 min Scan# 26

Delta R.T. 0.000 min

Lab File: VW032004.D

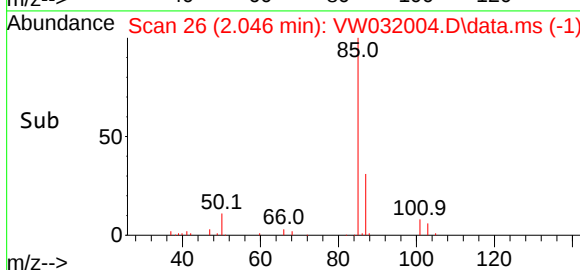
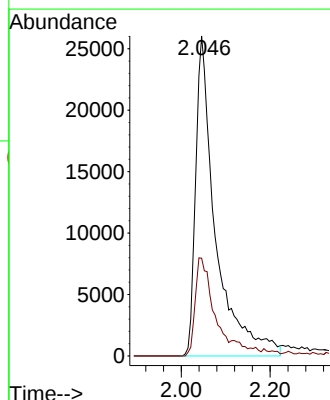
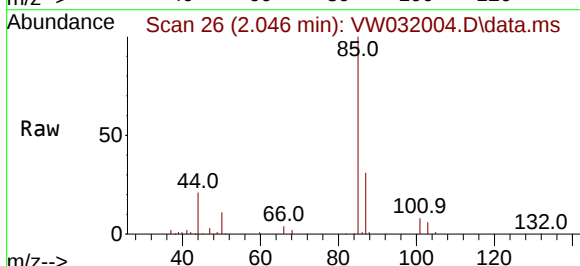
Acq: 05 Aug 2025 09:05

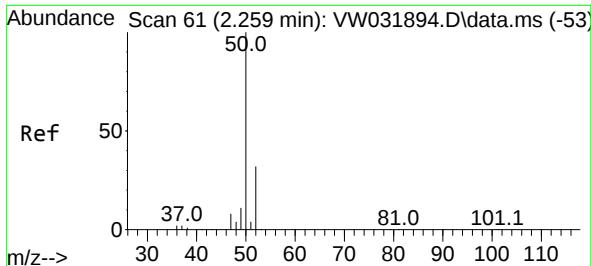
Tgt Ion: 85 Resp: 80990

Ion Ratio Lower Upper

85 100

87 30.6 15.5 46.5

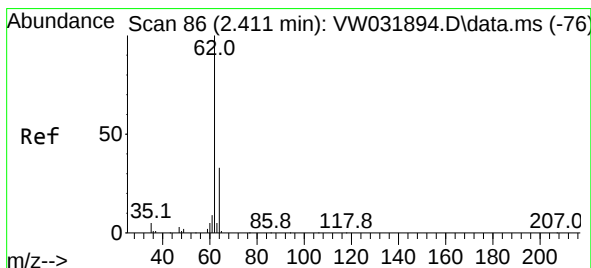
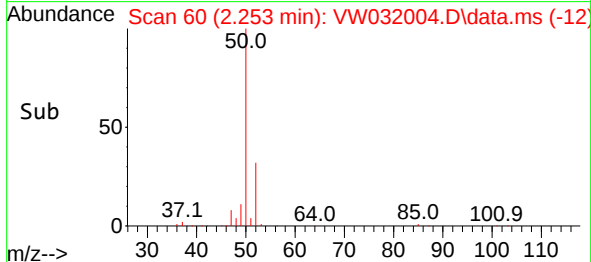
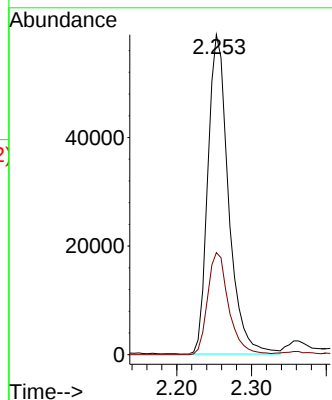
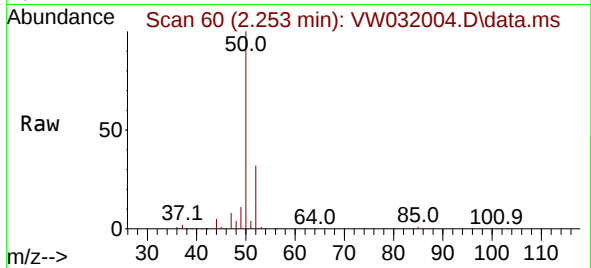




#3
Chloromethane
Concen: 58.381 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.006 min
Lab File: VW032004.D
Acq: 05 Aug 2025 09:05

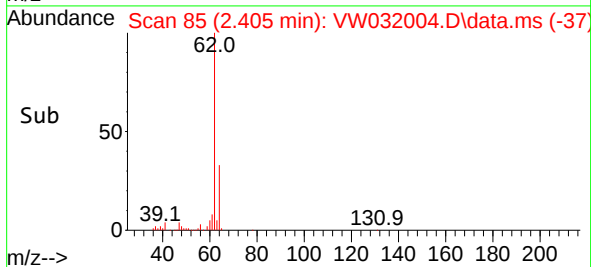
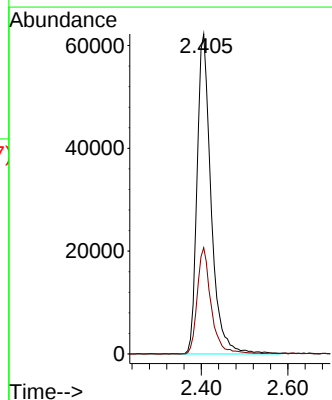
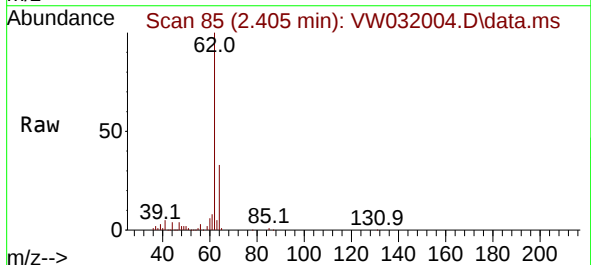
Instrument :
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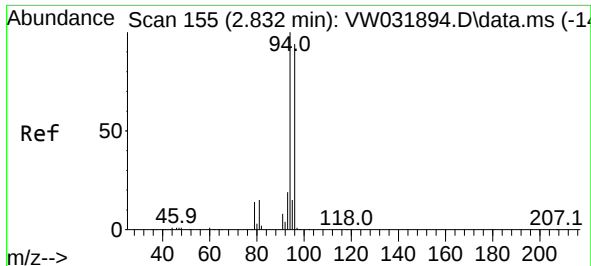
Tgt Ion: 50 Resp: 113108
Ion Ratio Lower Upper
50 100
52 32.0 25.7 38.5



#4
Vinyl Chloride
Concen: 55.541 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.006 min
Lab File: VW032004.D
Acq: 05 Aug 2025 09:05

Tgt Ion: 62 Resp: 139782
Ion Ratio Lower Upper
62 100
64 33.2 26.2 39.2

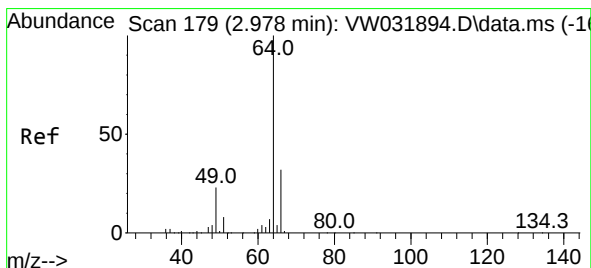
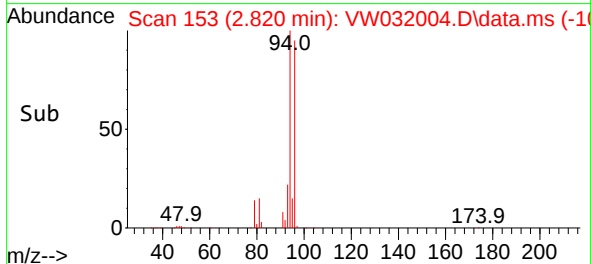
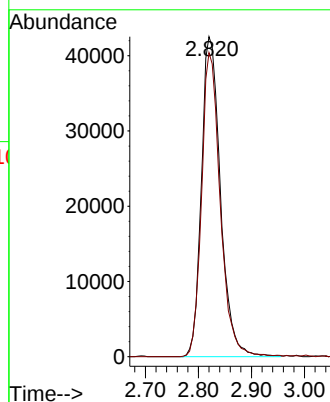
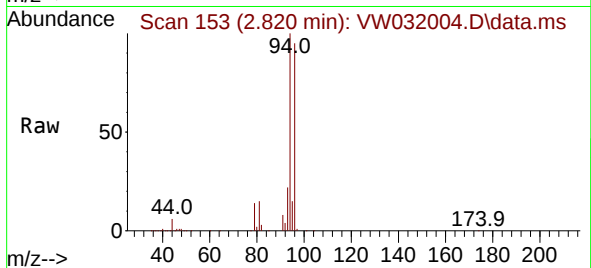




#5
Bromomethane
Concen: 57.331 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.012 min
Lab File: VW032004.D
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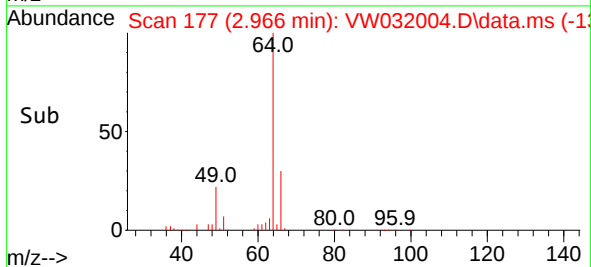
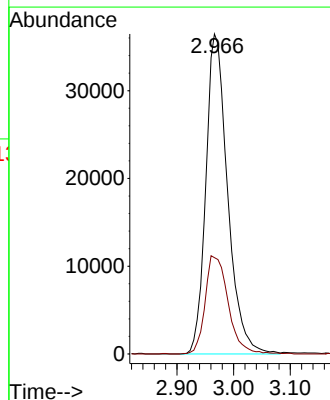
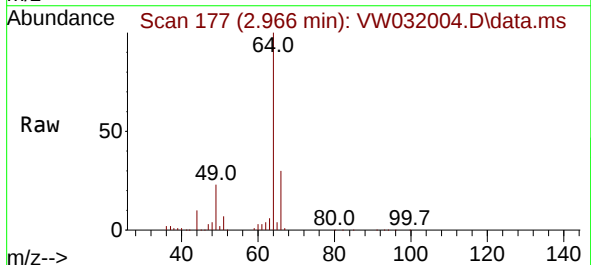
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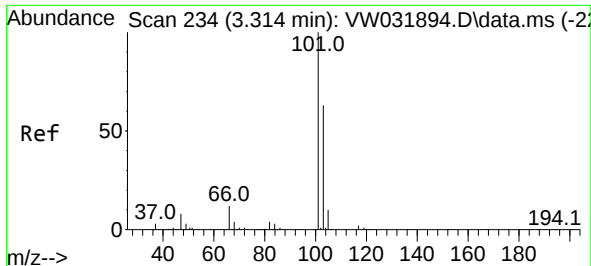
Tgt Ion: 94 Resp: 106251
Ion Ratio Lower Upper
94 100
96 95.0 75.0 112.6



#6
Chloroethane
Concen: 58.597 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.012 min
Lab File: VW032004.D
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Tgt Ion: 64 Resp: 97332
Ion Ratio Lower Upper
64 100
66 30.1 25.6 38.4

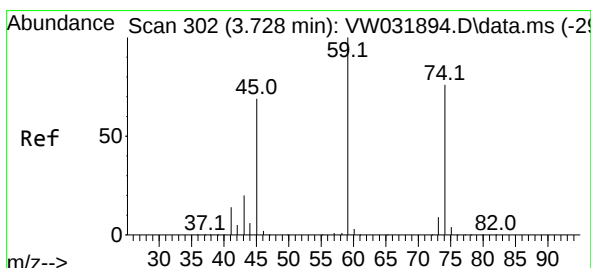
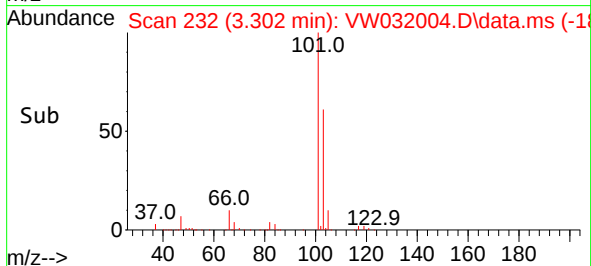
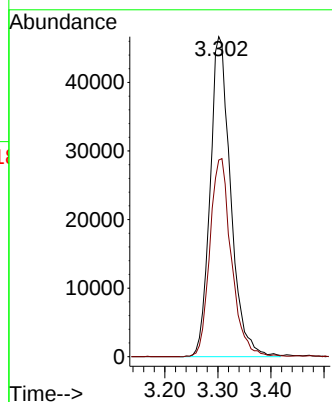
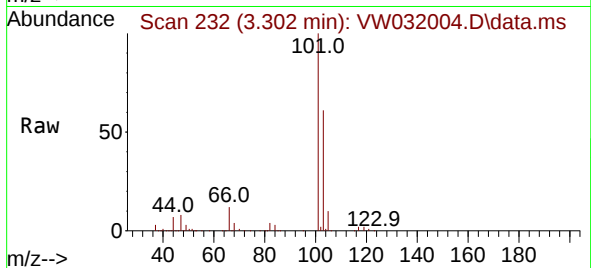




#7
 Trichlorofluoromethane
 Concen: 49.356 ug/l
 RT: 3.302 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VW032004.D
 Acq: 05 Aug 2025 09:05

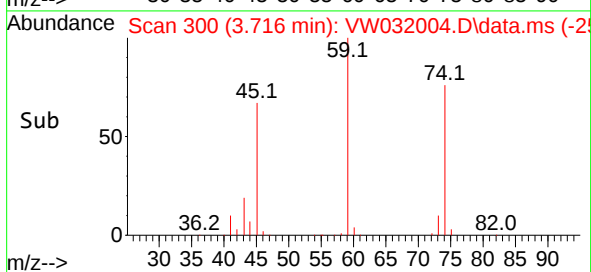
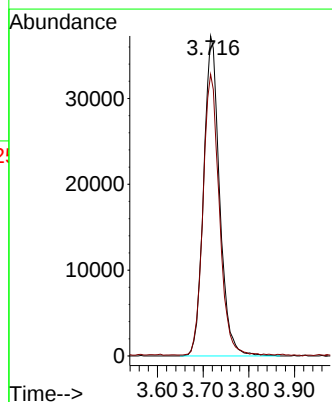
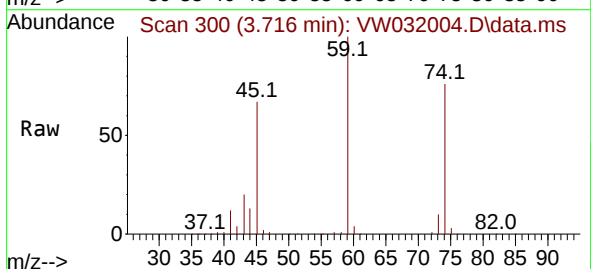
Instrument :
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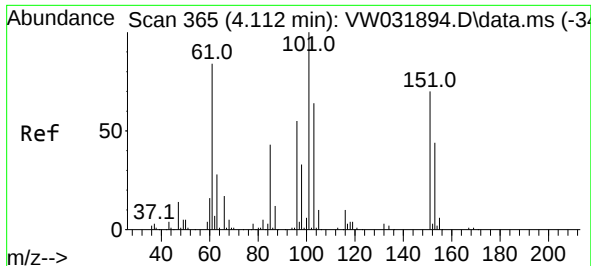
Tgt Ion:101 Resp: 125813
 Ion Ratio Lower Upper
 101 100
 103 61.5 50.7 76.1



#8
 Diethyl Ether
 Concen: 53.064 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. -0.012 min
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Tgt Ion: 74 Resp: 90355
 Ion Ratio Lower Upper
 74 100
 45 89.3 45.5 136.5

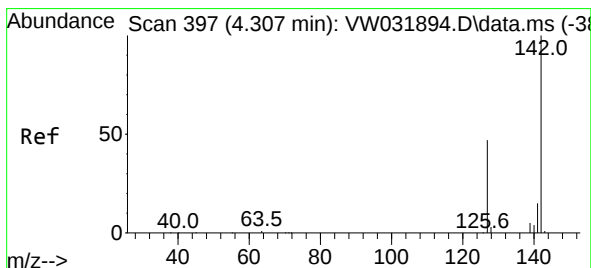
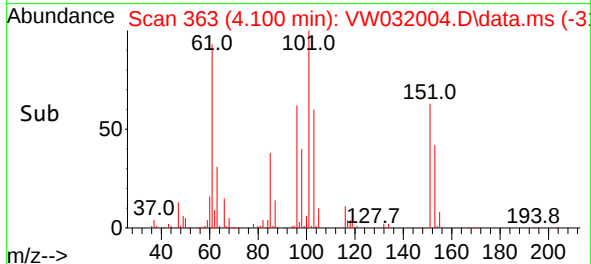
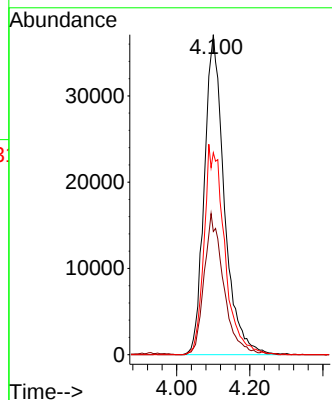
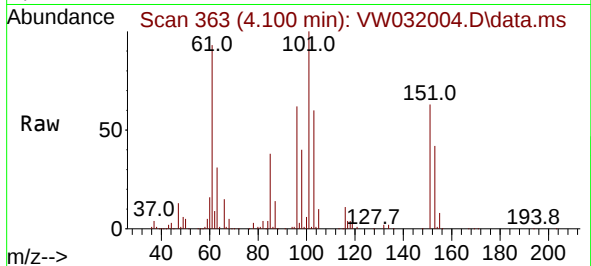




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 57.475 ug/l
 RT: 4.100 min Scan# 363
 Delta R.T. -0.012 min
 Lab File: VW032004.D
 Acq: 05 Aug 2025 09:05

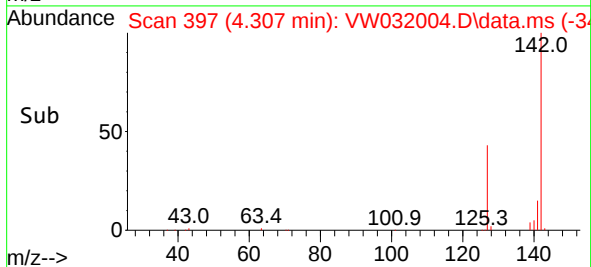
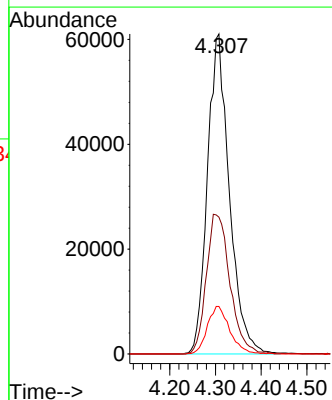
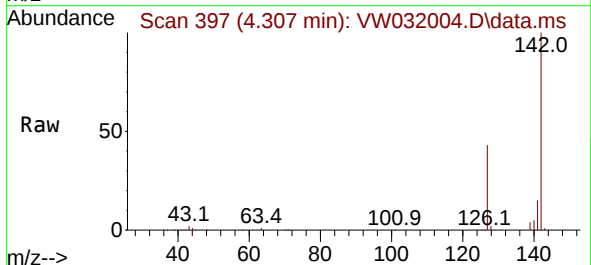
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

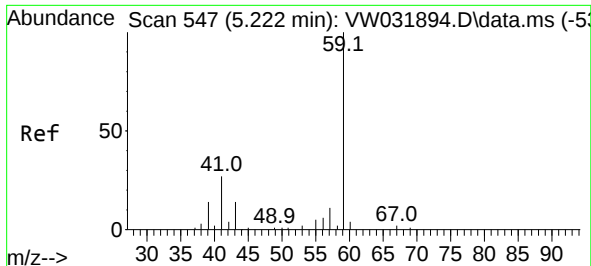
Tgt Ion:101 Resp: 140920
 Ion Ratio Lower Upper
 101 100
 85 42.9 35.5 53.3
 151 67.4 54.6 81.8



#10
 Methyl Iodide
 Concen: 55.427 ug/l
 RT: 4.307 min Scan# 397
 Delta R.T. 0.000 min
 Lab File: VW032004.D
 Acq: 05 Aug 2025 09:05

Tgt Ion:142 Resp: 203190
 Ion Ratio Lower Upper
 142 100
 127 47.1 37.4 56.2
 141 15.2 11.9 17.9

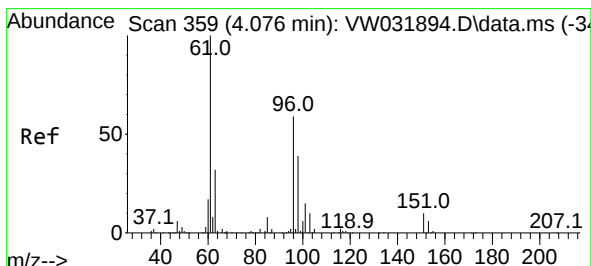
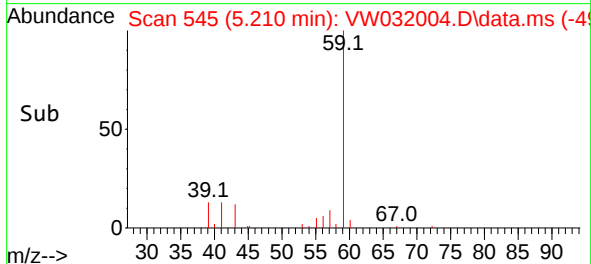
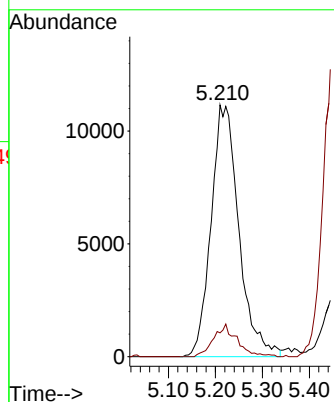
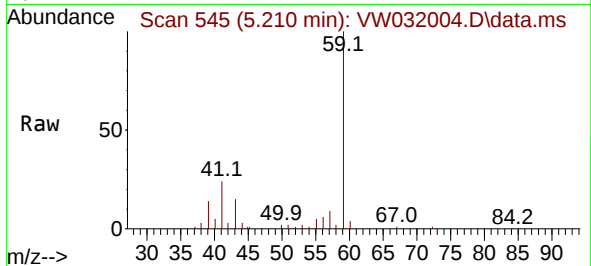




#11
Tert butyl alcohol
Concen: 253.731 ug/l
RT: 5.210 min Scan# 547
Delta R.T. -0.012 min
Lab File: VW032004.D
Acq: 05 Aug 2025 09:05

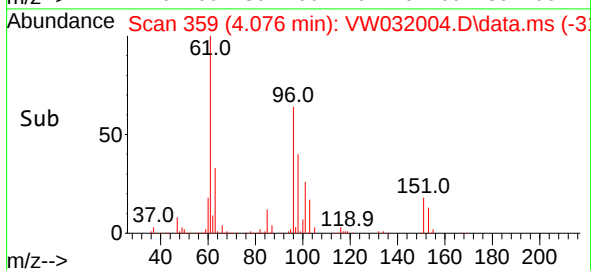
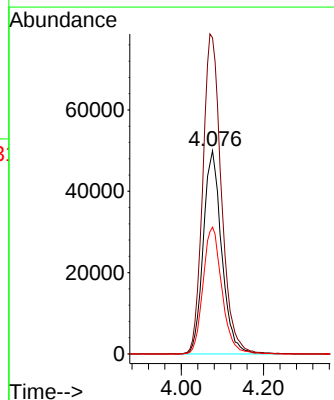
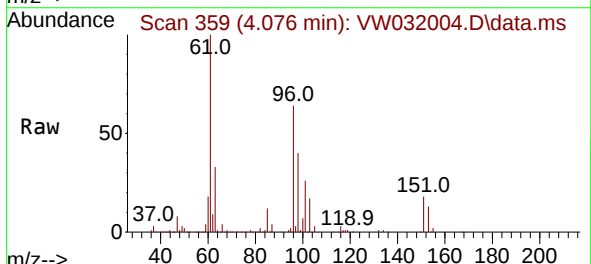
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

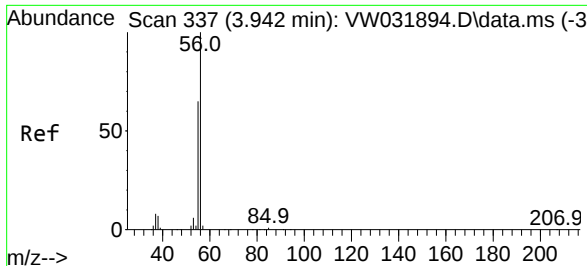
Tgt Ion: 59 Resp: 45823
Ion Ratio Lower Upper
59 100
57 10.9 8.6 12.8



#12
1,1-Dichloroethene
Concen: 57.298 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW032004.D
Acq: 05 Aug 2025 09:05

Tgt Ion: 96 Resp: 155170
Ion Ratio Lower Upper
96 100
61 155.5 135.0 202.6
98 62.4 52.3 78.5

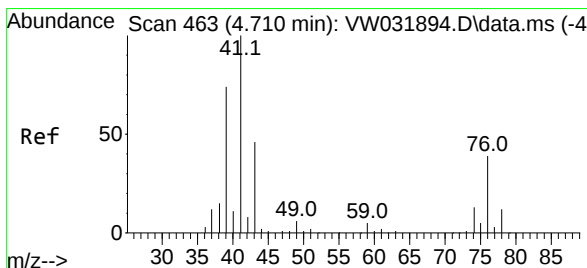
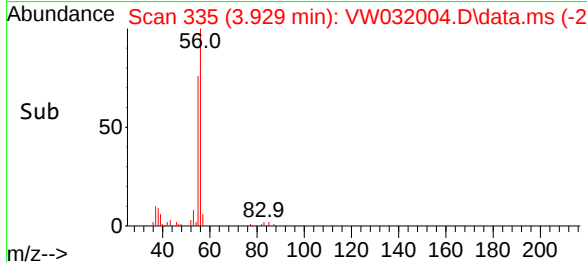
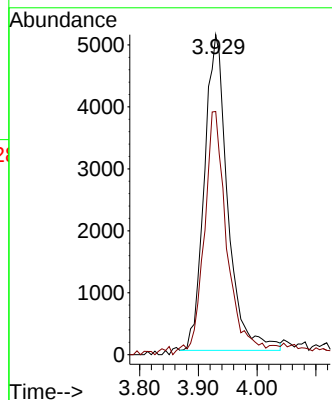
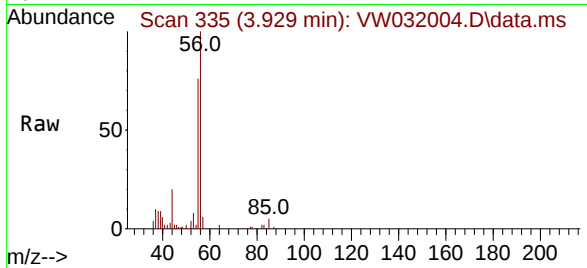




#13
Acrolein
Concen: 48.191 ug/l
RT: 3.929 min Scan# 31
Delta R.T. -0.013 min
Lab File: VW032004.D
Acq: 05 Aug 2025 09:05

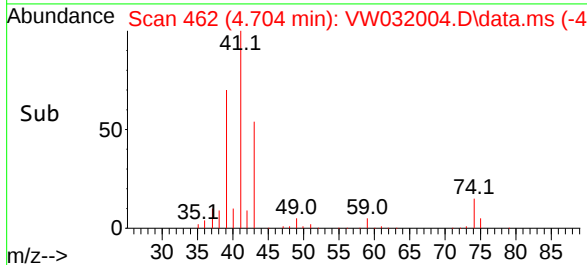
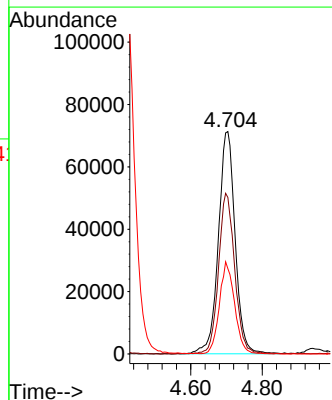
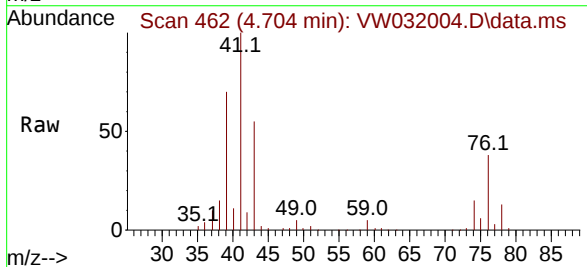
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

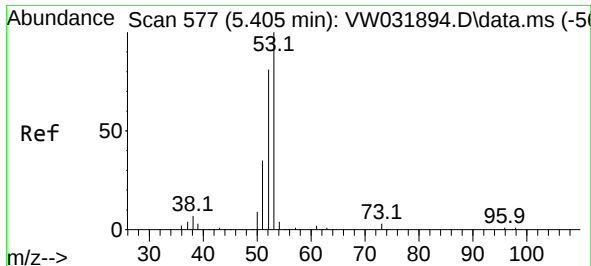
Tgt Ion: 56 Resp: 14090
Ion Ratio Lower Upper
56 100
55 74.8 56.7 85.1



#14
Allyl chloride
Concen: 55.040 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032004.D
Acq: 05 Aug 2025 09:05

Tgt Ion: 41 Resp: 232036
Ion Ratio Lower Upper
41 100
39 69.6 56.6 85.0
76 37.6 30.1 45.1

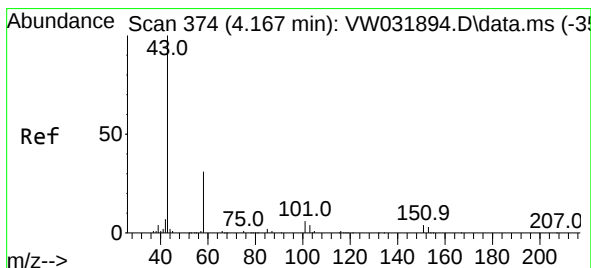
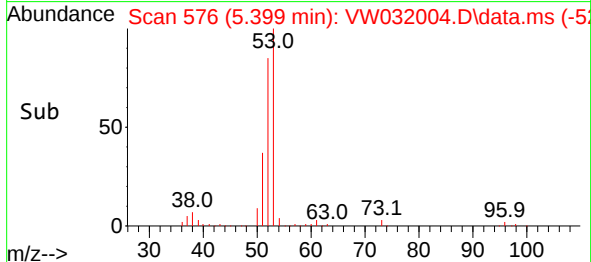
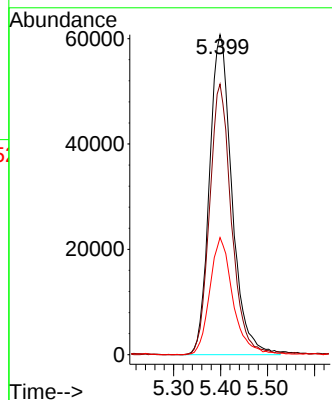
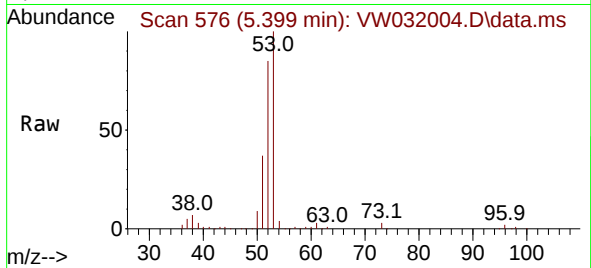




#15
Acrylonitrile
Concen: 264.967 ug/l
RT: 5.399 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032004.D
Acq: 05 Aug 2025 09:05

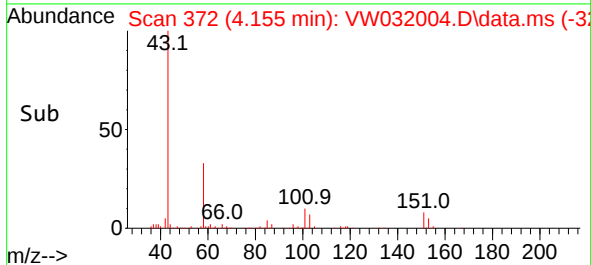
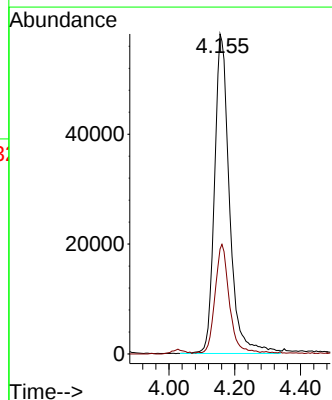
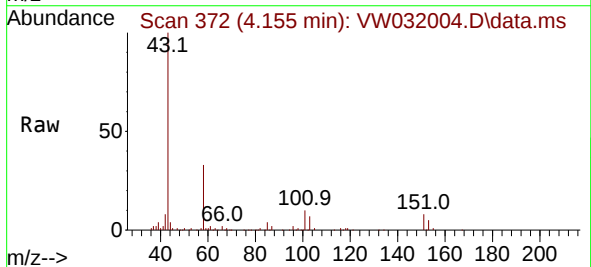
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

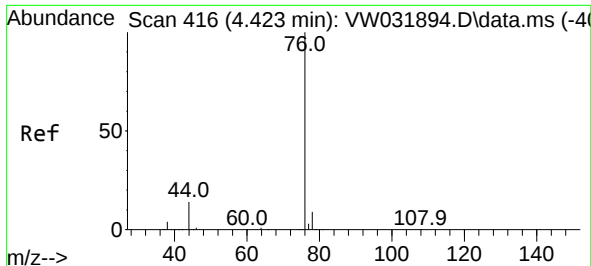
Tgt Ion: 53 Resp: 201710
Ion Ratio Lower Upper
53 100
52 81.9 67.0 100.4
51 37.8 29.9 44.9



#16
Acetone
Concen: 253.054 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.012 min
Lab File: VW032004.D
Acq: 05 Aug 2025 09:05

Tgt Ion: 43 Resp: 184491
Ion Ratio Lower Upper
43 100
58 32.2 25.5 38.3

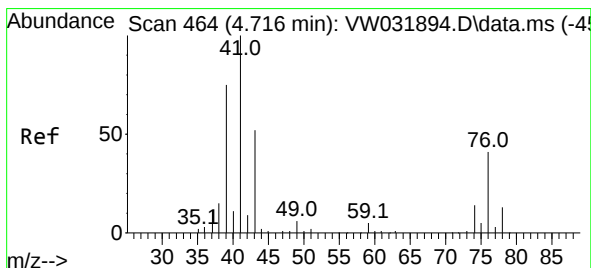
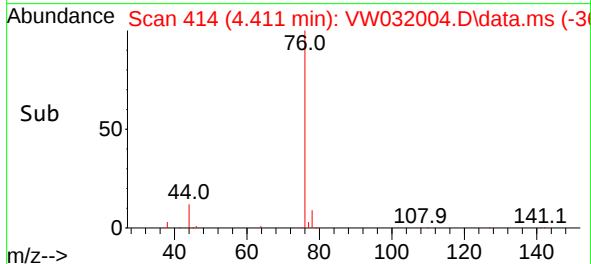
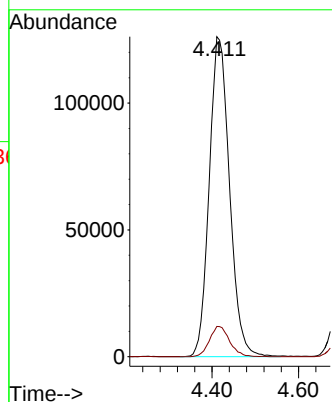
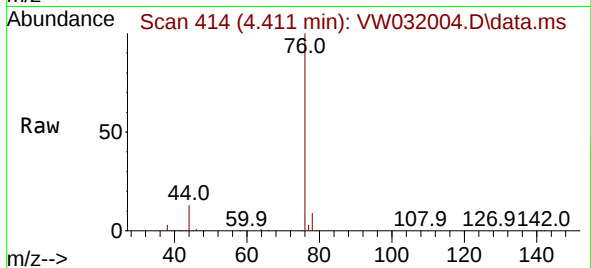




#17
Carbon Disulfide
Concen: 58.519 ug/l
RT: 4.411 min Scan# 411
Delta R.T. -0.012 min
Lab File: VW032004.D
Acq: 05 Aug 2025 09:05

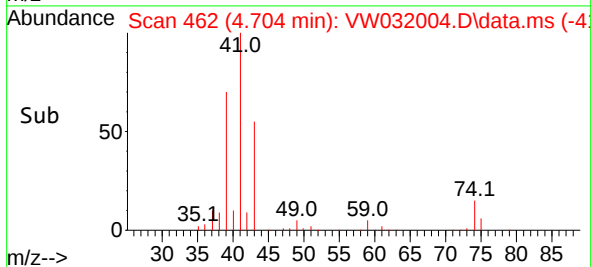
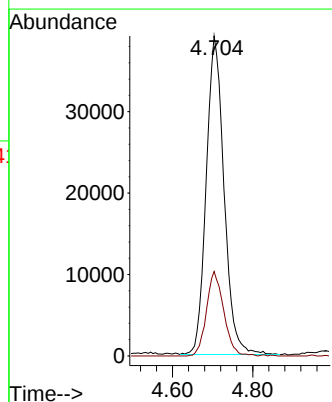
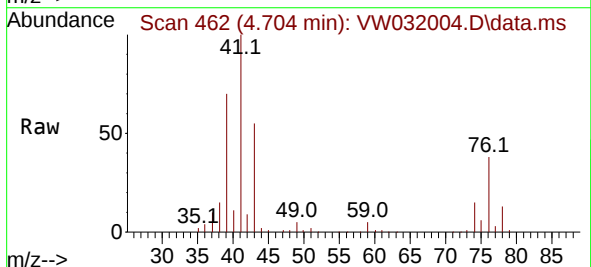
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

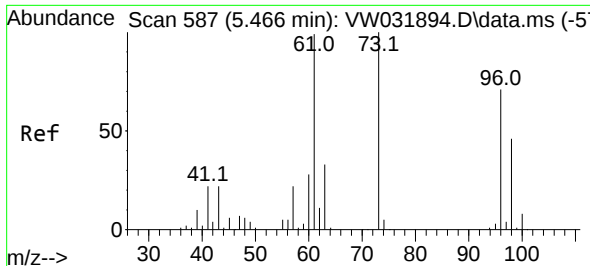
Tgt Ion: 76 Resp: 411010
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3



#18
Methyl Acetate
Concen: 59.912 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.012 min
Lab File: VW032004.D
Acq: 05 Aug 2025 09:05

Tgt Ion: 43 Resp: 120338
Ion Ratio Lower Upper
43 100
74 25.8 20.6 31.0

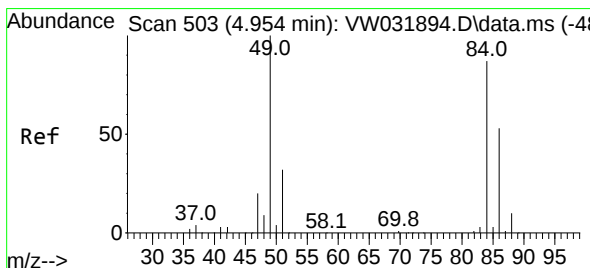
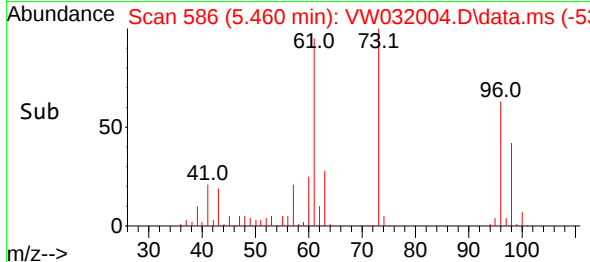
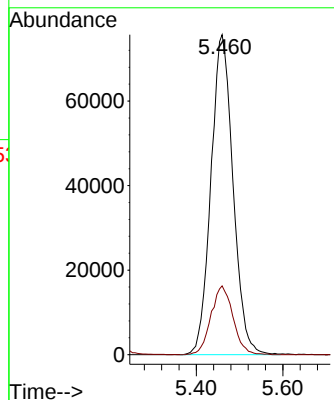
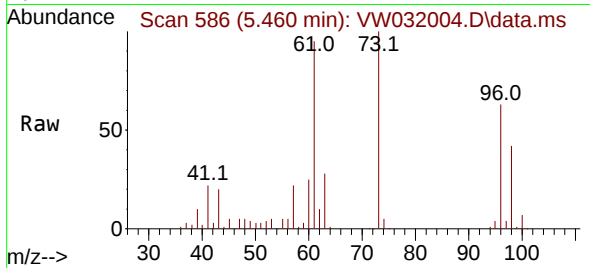




#19
Methyl tert-butyl Ether
Concen: 57.432 ug/l
RT: 5.460 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032004.D
Acq: 05 Aug 2025 09:05

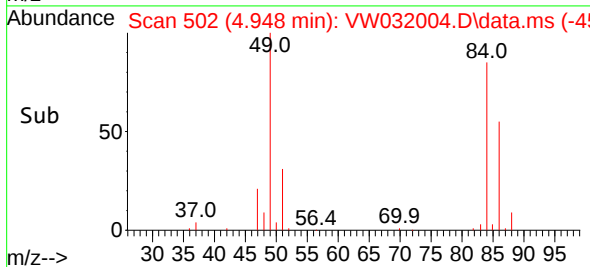
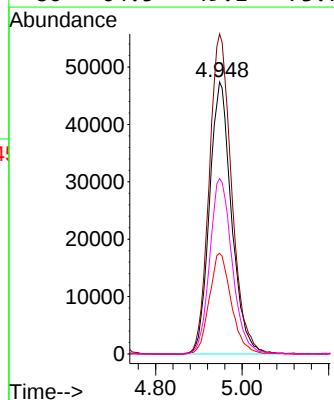
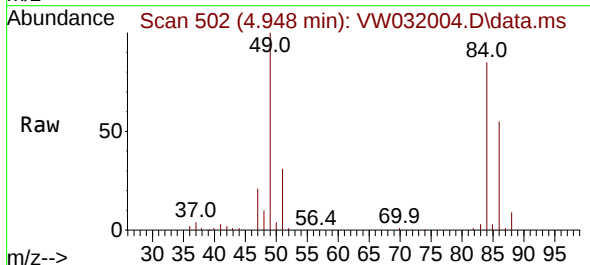
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

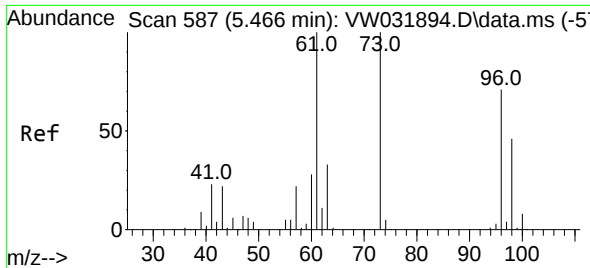
Tgt Ion: 73 Resp: 268733
Ion Ratio Lower Upper
73 100
57 21.5 17.5 26.3



#20
Methylene Chloride
Concen: 54.081 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.006 min
Lab File: VW032004.D
Acq: 05 Aug 2025 09:05

Tgt Ion: 84 Resp: 167445
Ion Ratio Lower Upper
84 100
49 117.7 91.9 137.9
51 37.0 29.0 43.6
86 64.5 49.1 73.7

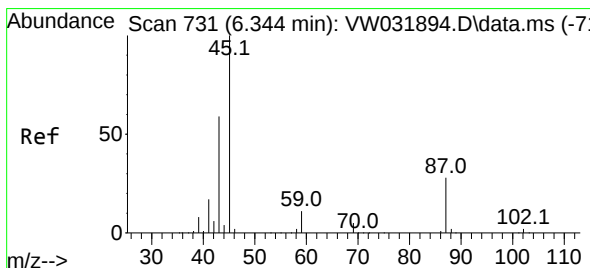
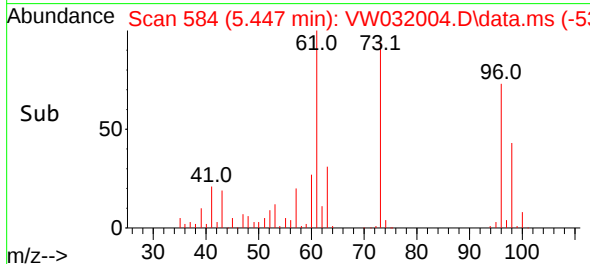
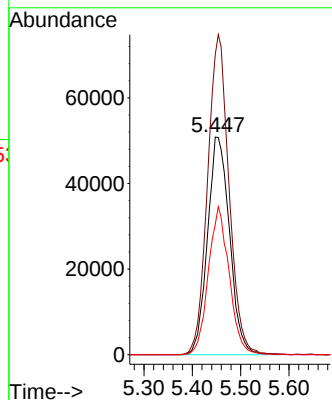
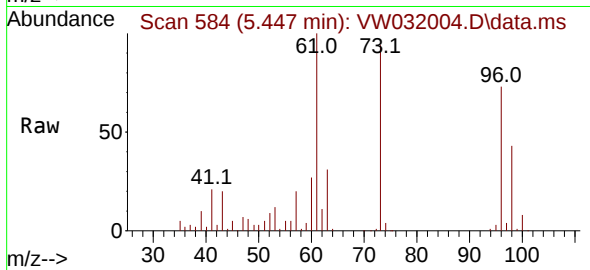




#21
trans-1,2-Dichloroethene
Concen: 56.170 ug/l
RT: 5.447 min Scan# 587
Delta R.T. -0.018 min
Lab File: VW032004.D
Acq: 05 Aug 2025 09:05

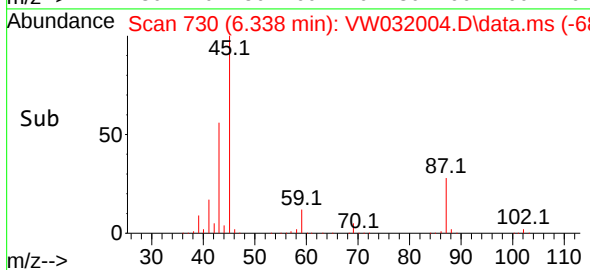
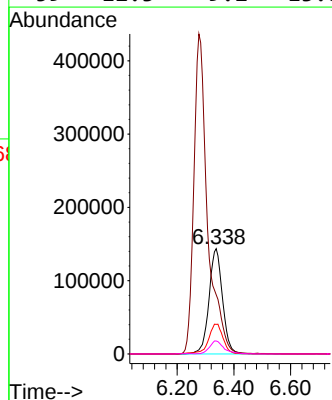
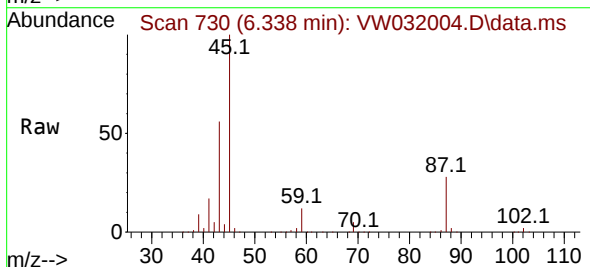
Instrument :
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ClientSampleId :
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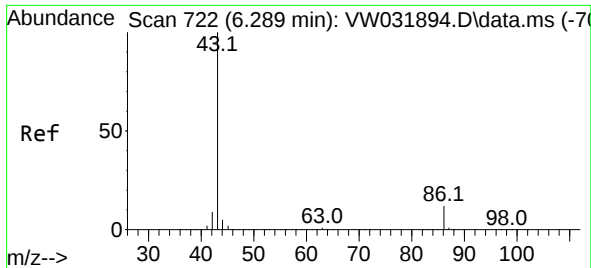
Tgt Ion: 96 Resp: 161396
Ion Ratio Lower Upper
96 100
61 137.9 112.8 169.2
98 59.8 51.9 77.9



#22
Diisopropyl ether
Concen: 56.328 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW032004.D
Acq: 05 Aug 2025 09:05

Tgt Ion: 45 Resp: 475165
Ion Ratio Lower Upper
45 100
43 56.1 47.0 70.6
87 28.1 22.8 34.2
59 12.3 9.2 13.8

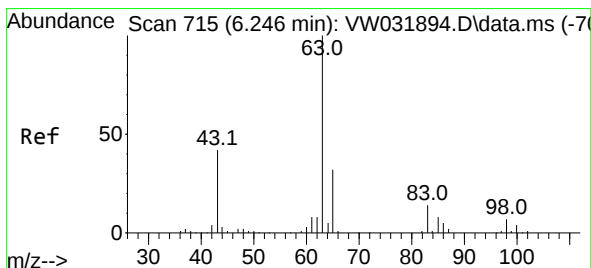
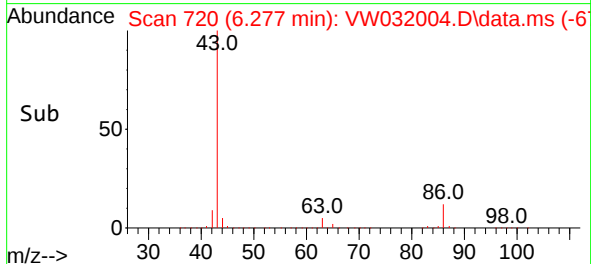
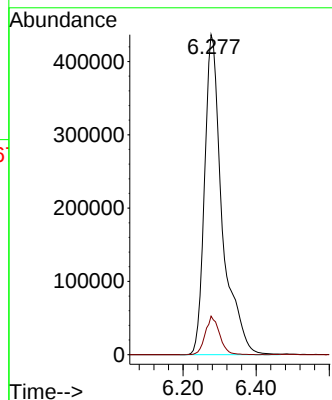
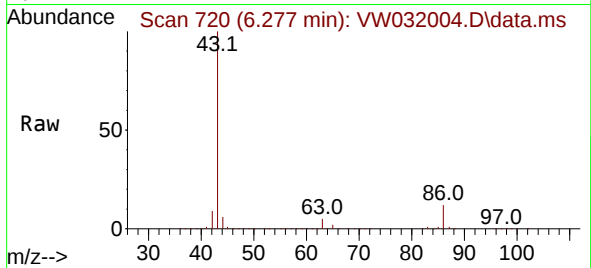




#23
 Vinyl Acetate
 Concen: 265.845 ug/l
 RT: 6.277 min Scan# 714
 Delta R.T. -0.012 min
 Lab File: VW032004.D
 Acq: 05 Aug 2025 09:05

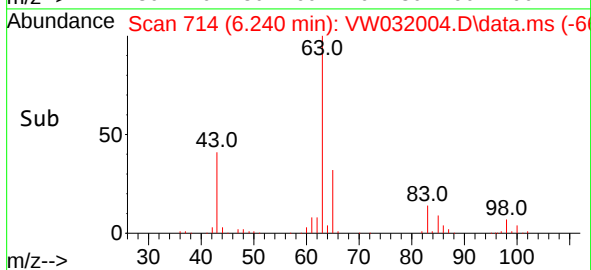
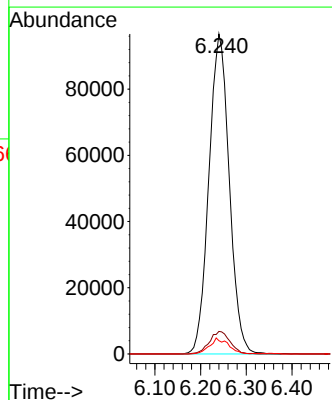
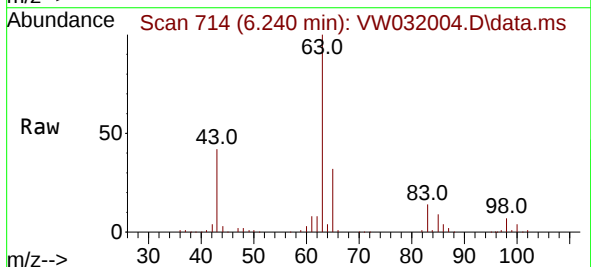
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

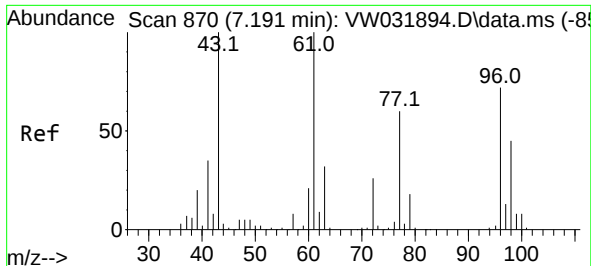
Tgt Ion: 43 Resp: 1465126
 Ion Ratio Lower Upper
 43 100
 86 12.0 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 57.071 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032004.D
 Acq: 05 Aug 2025 09:05

Tgt Ion: 63 Resp: 299750
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.9
 100 4.2 2.2 6.6

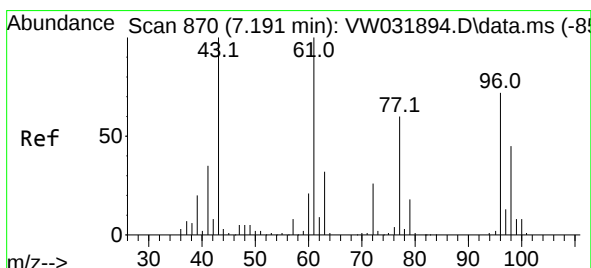
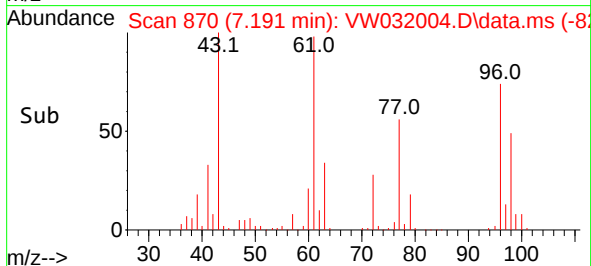
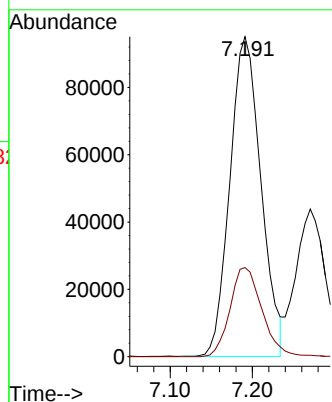
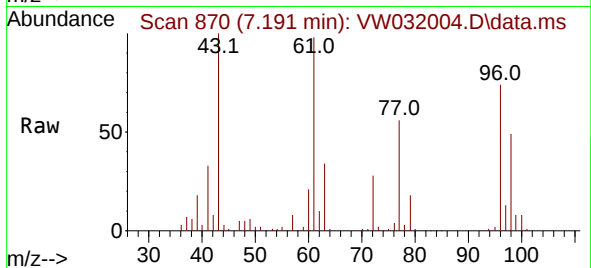




#25
2-Butanone
Concen: 249.937 ug/l
RT: 7.191 min Scan# 81
Delta R.T. 0.000 min
Lab File: VW032004.D
Acq: 05 Aug 2025 09:05

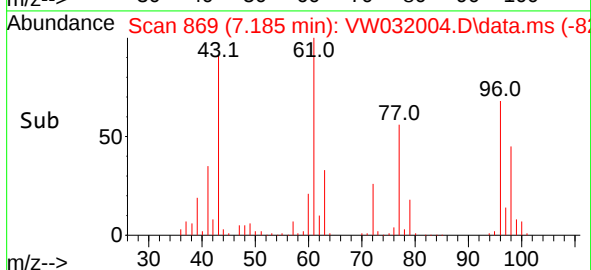
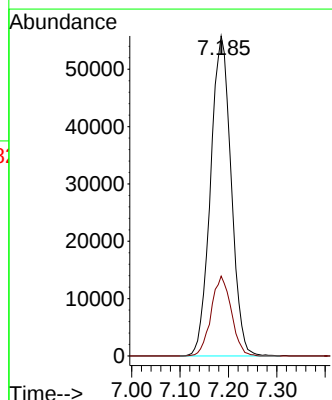
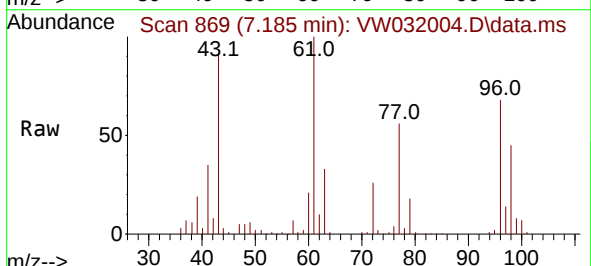
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

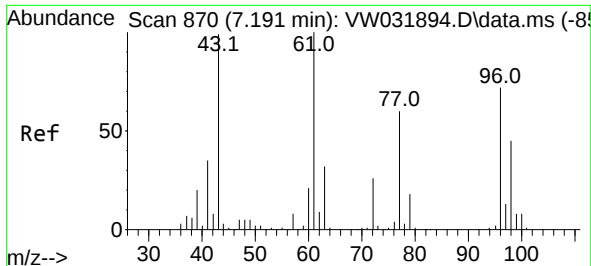
Tgt Ion: 43 Resp: 249315
Ion Ratio Lower Upper
43 100
72 27.9 20.8 31.2



#26
2,2-Dichloropropane
Concen: 55.512 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW032004.D
Acq: 05 Aug 2025 09:05

Tgt Ion: 77 Resp: 165063
Ion Ratio Lower Upper
77 100
97 24.4 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 56.685 ug/l

RT: 7.191 min Scan# 870

Delta R.T. 0.000 min

Lab File: VW032004.D

Acq: 05 Aug 2025 09:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

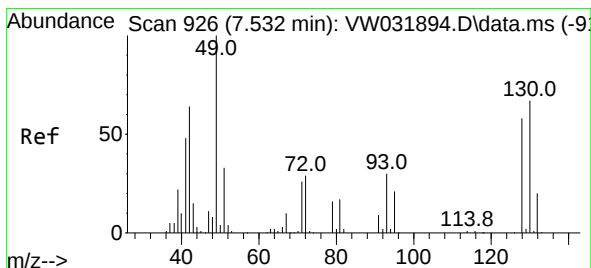
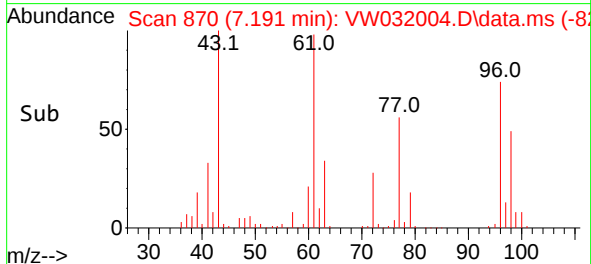
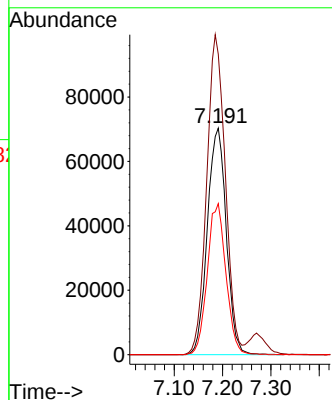
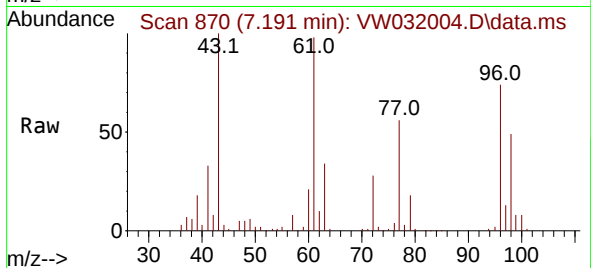
Tgt Ion: 96 Resp: 191482

Ion Ratio Lower Upper

96 100

61 138.6 0.0 280.2

98 65.6 0.0 126.8



#28

Bromochloromethane

Concen: 48.932 ug/l

RT: 7.532 min Scan# 926

Delta R.T. 0.000 min

Lab File: VW032004.D

Acq: 05 Aug 2025 09:05

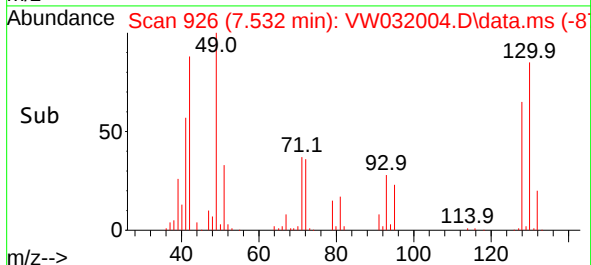
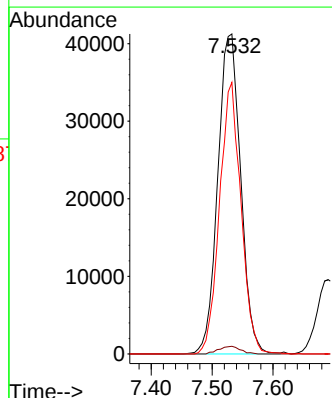
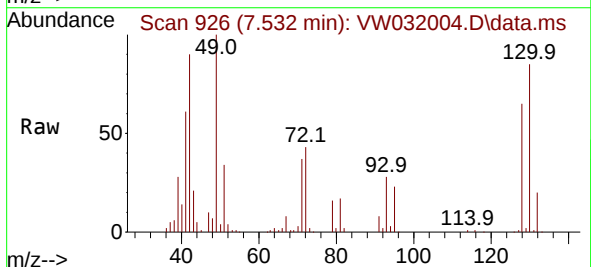
Tgt Ion: 49 Resp: 107604

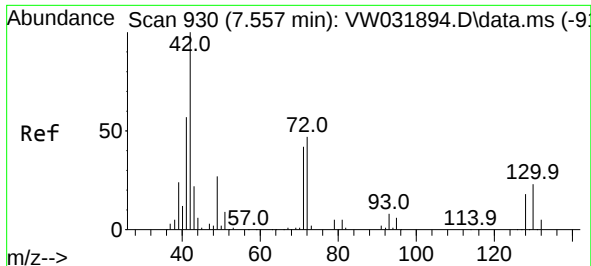
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.4

130 79.5 59.0 88.4





#29

Tetrahydrofuran

Concen: 264.008 ug/l

RT: 7.551 min Scan# 91

Delta R.T. -0.006 min

Lab File: VW032004.D

Acq: 05 Aug 2025 09:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

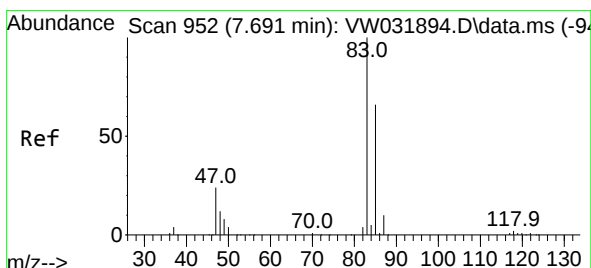
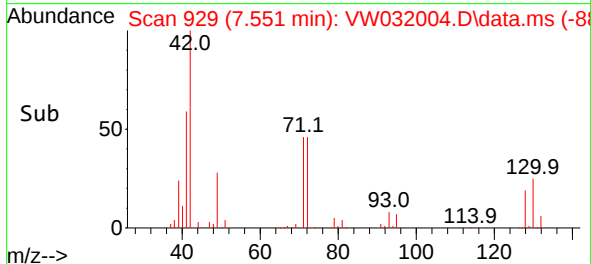
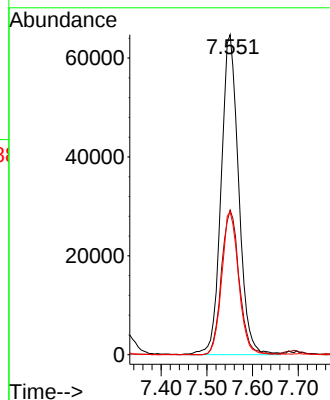
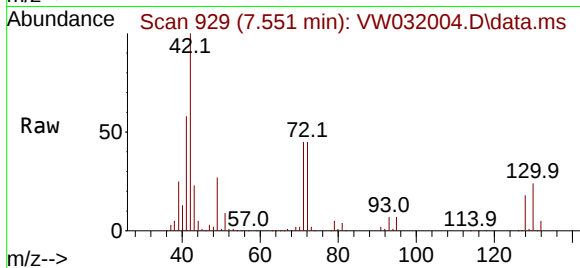
Tgt Ion: 42 Resp: 172660

Ion Ratio Lower Upper

42 100

72 45.6 37.0 55.6

71 43.0 34.5 51.7



#30

Chloroform

Concen: 57.492 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW032004.D

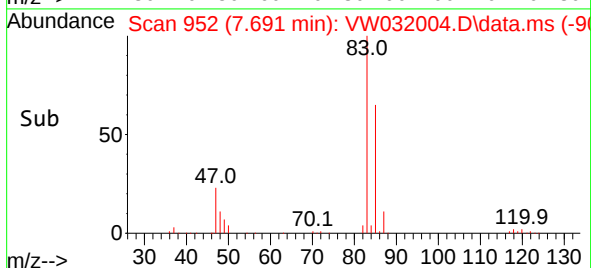
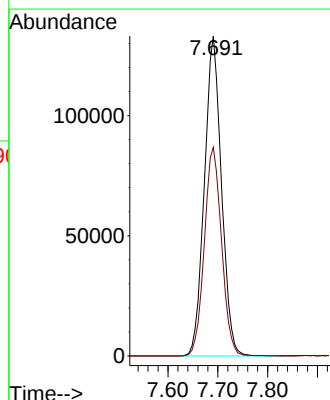
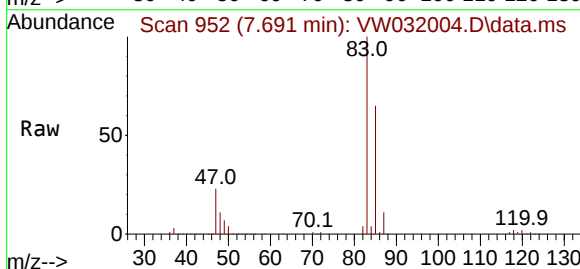
Acq: 05 Aug 2025 09:05

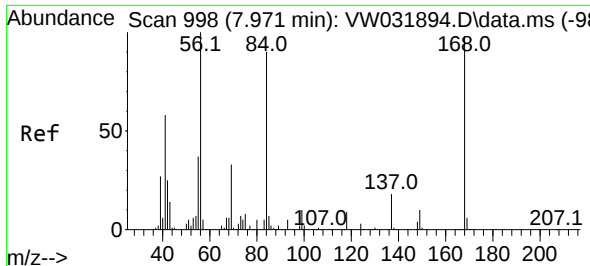
Tgt Ion: 83 Resp: 316604

Ion Ratio Lower Upper

83 100

85 65.2 52.6 78.8

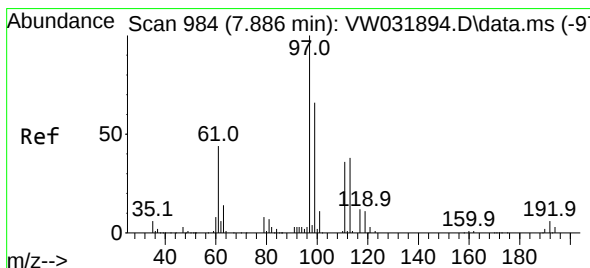
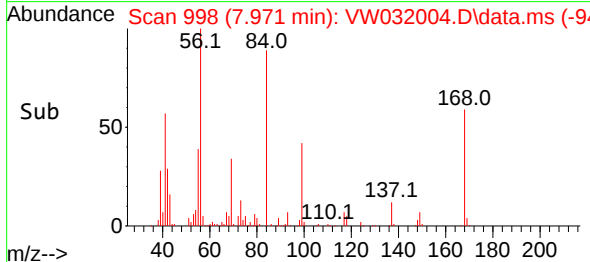
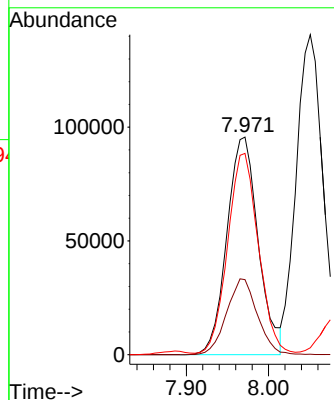
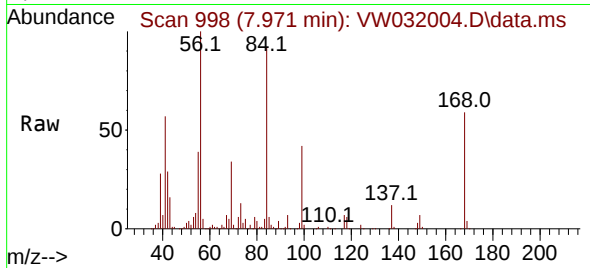




#31
Cyclohexane
Concen: 53.713 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032004.D
Acq: 05 Aug 2025 09:05

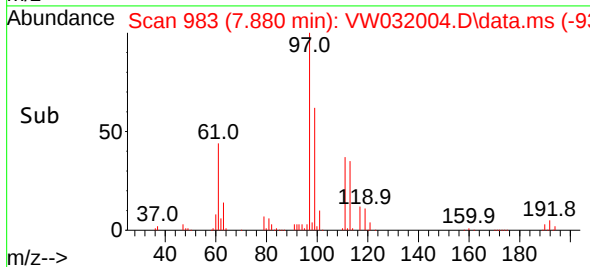
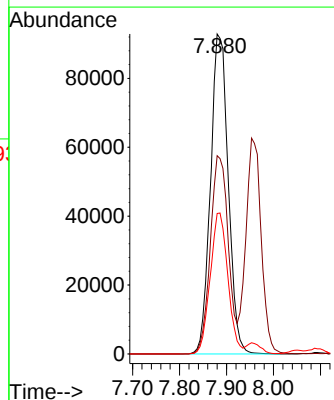
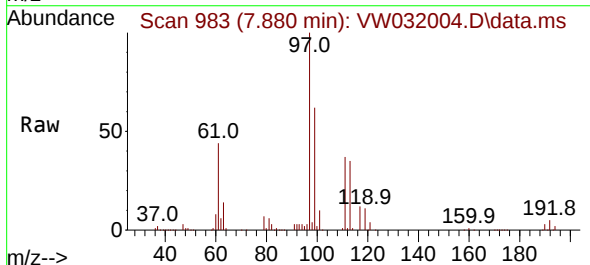
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

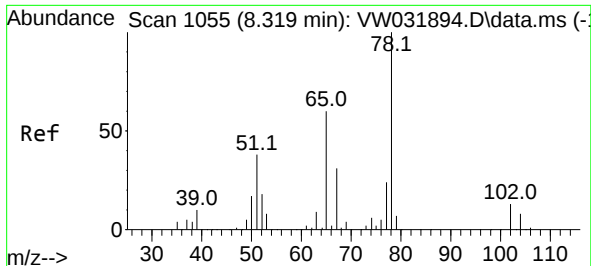
Tgt Ion: 56 Resp: 253093
Ion Ratio Lower Upper
56 100
69 34.5 26.7 40.1
84 90.9 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 57.980 ug/l
RT: 7.880 min Scan# 983
Delta R.T. -0.006 min
Lab File: VW032004.D
Acq: 05 Aug 2025 09:05

Tgt Ion: 97 Resp: 242965
Ion Ratio Lower Upper
97 100
99 62.8 53.0 79.4
61 43.9 35.4 53.0

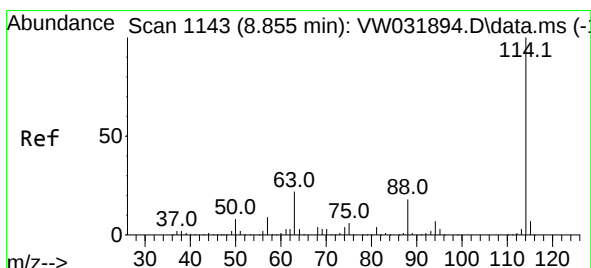
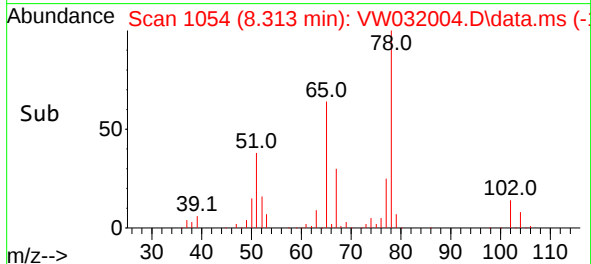
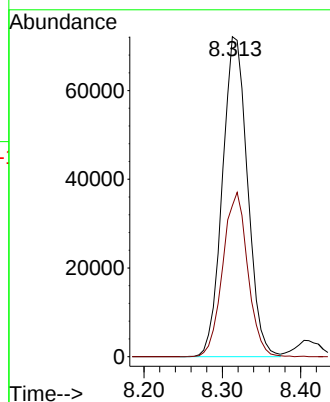
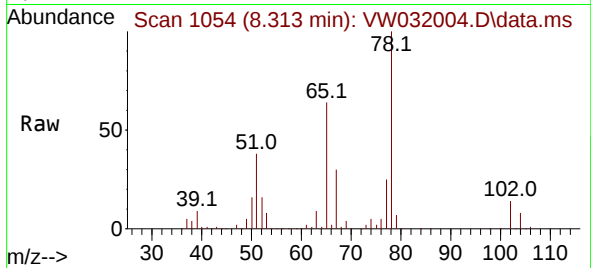




#33
1,2-Dichloroethane-d4
Concen: 52.357 ug/l
RT: 8.313 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW032004.D
Acq: 05 Aug 2025 09:05

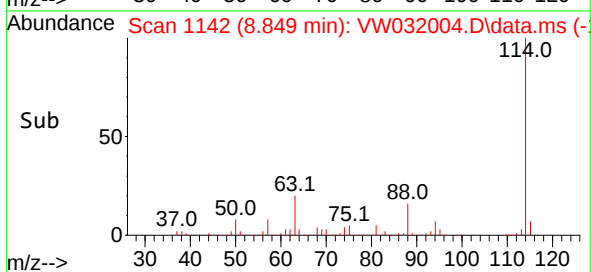
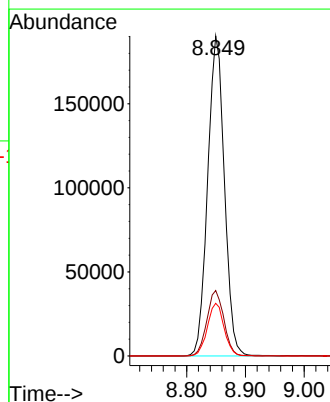
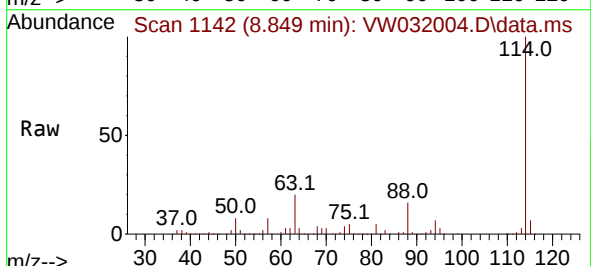
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

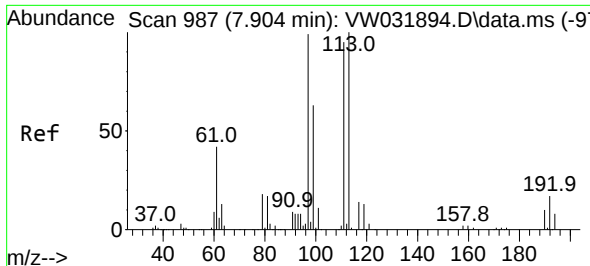
Tgt Ion: 65 Resp: 160860
Ion Ratio Lower Upper
65 100
67 50.9 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VW032004.D
Acq: 05 Aug 2025 09:05

Tgt Ion: 114 Resp: 376001
Ion Ratio Lower Upper
114 100
63 20.5 0.0 44.2
88 16.4 0.0 35.6

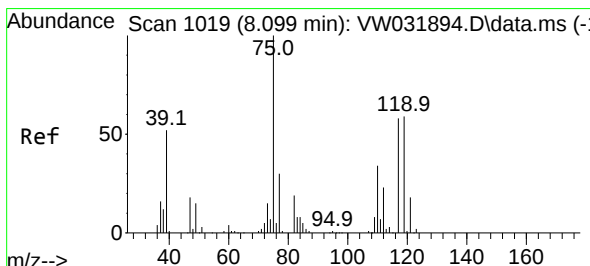
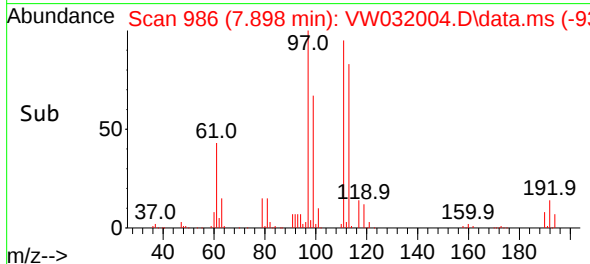
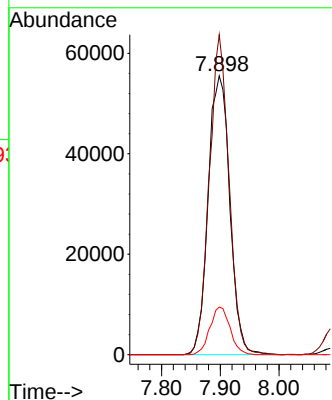
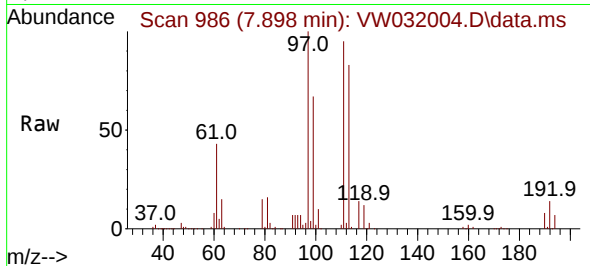




#35
Dibromofluoromethane
Concen: 55.603 ug/l
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032004.D
Acq: 05 Aug 2025 09:05

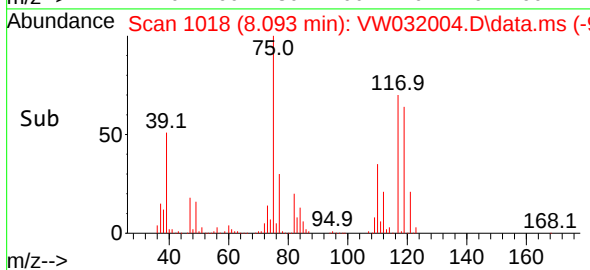
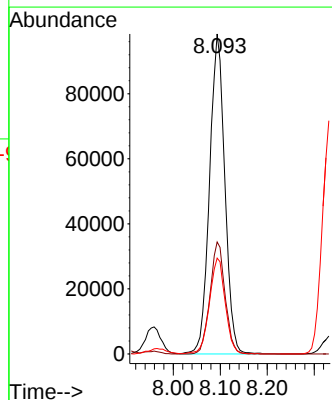
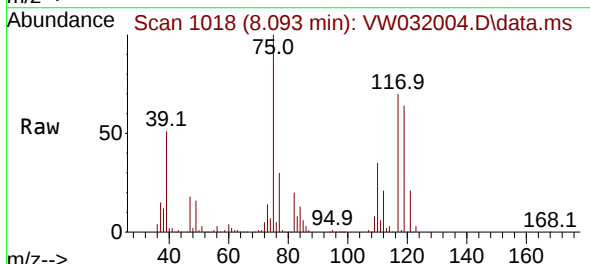
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

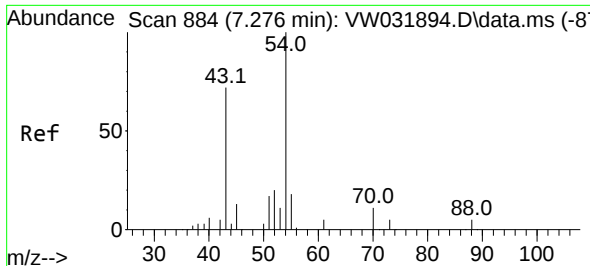
Tgt Ion:113 Resp: 142065
Ion Ratio Lower Upper
113 100
111 104.5 79.9 119.9
192 15.9 12.6 19.0



#36
1,1-Dichloropropene
Concen: 56.461 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VW032004.D
Acq: 05 Aug 2025 09:05

Tgt Ion: 75 Resp: 221539
Ion Ratio Lower Upper
75 100
110 34.5 17.0 50.9
77 30.9 25.1 37.7

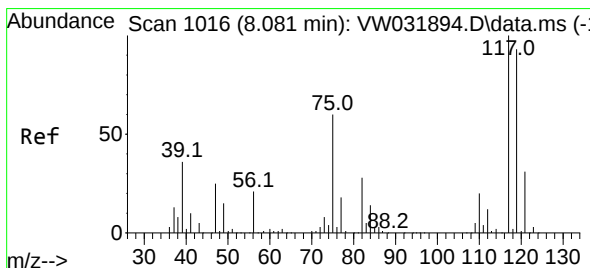
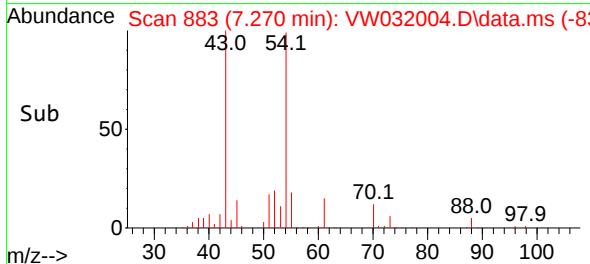
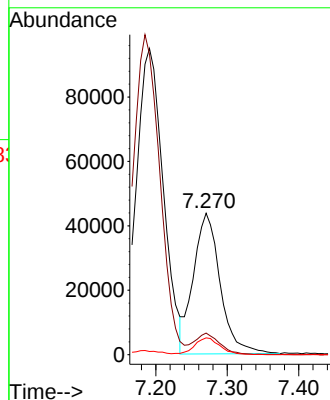
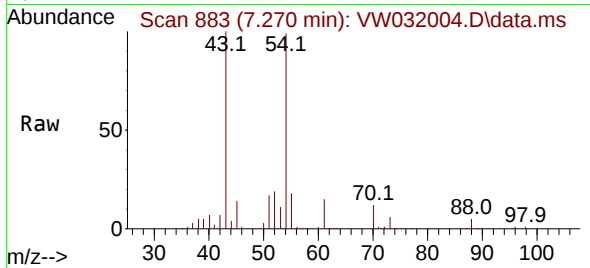




#37
Ethyl Acetate
Concen: 50.909 ug/l
RT: 7.270 min Scan# 884
Delta R.T. -0.006 min
Lab File: VW032004.D
Acq: 05 Aug 2025 09:05

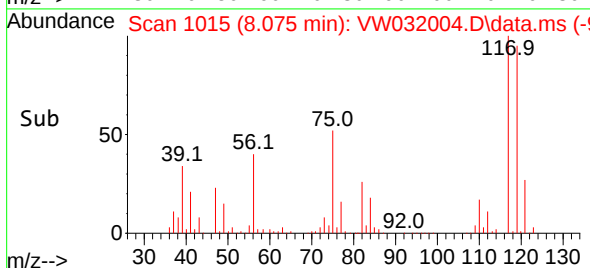
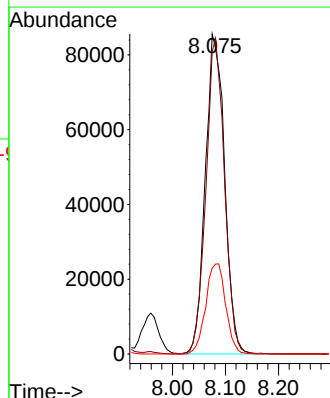
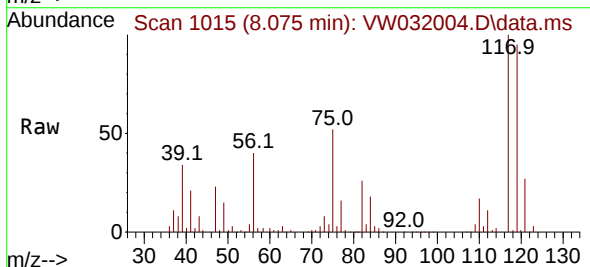
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

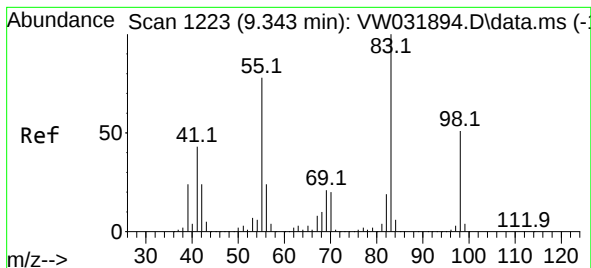
Tgt Ion: 43 Resp: 113950
Ion Ratio Lower Upper
43 100
61 13.4 10.6 15.8
70 11.4 9.0 13.4



#38
Carbon Tetrachloride
Concen: 57.308 ug/l
RT: 8.075 min Scan# 1015
Delta R.T. -0.006 min
Lab File: VW032004.D
Acq: 05 Aug 2025 09:05

Tgt Ion: 117 Resp: 215801
Ion Ratio Lower Upper
117 100
119 94.6 74.3 111.5
121 26.8 24.6 37.0





#39

Methylcyclohexane

Concen: 55.570 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032004.D

Acq: 05 Aug 2025 09:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

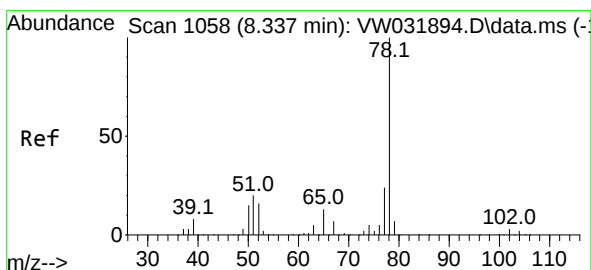
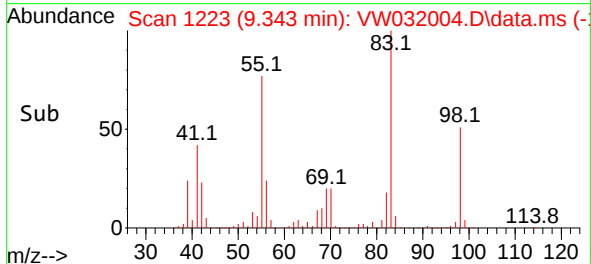
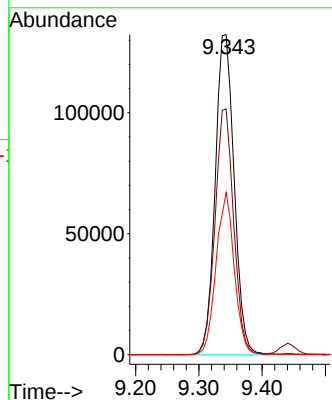
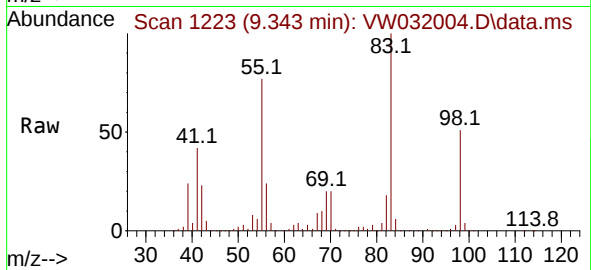
Tgt Ion: 83 Resp: 274396

Ion Ratio Lower Upper

83 100

55 76.8 62.5 93.7

98 50.7 40.6 61.0



#40

Benzene

Concen: 58.149 ug/l

RT: 8.331 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VW032004.D

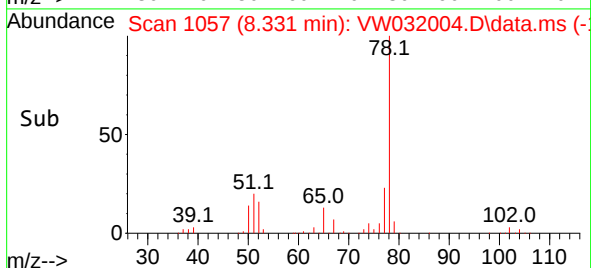
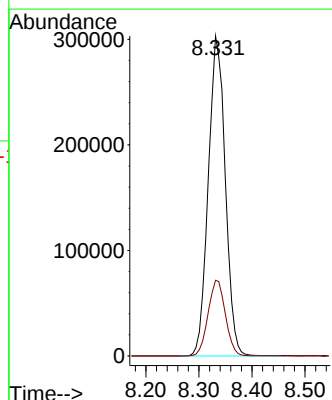
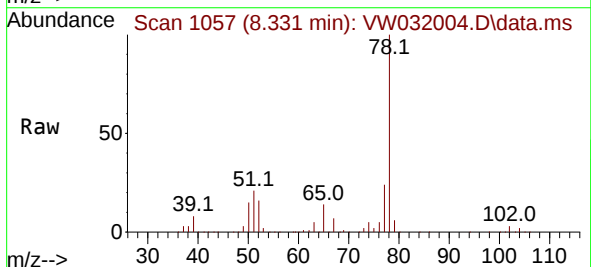
Acq: 05 Aug 2025 09:05

Tgt Ion: 78 Resp: 675398

Ion Ratio Lower Upper

78 100

77 23.6 19.3 28.9

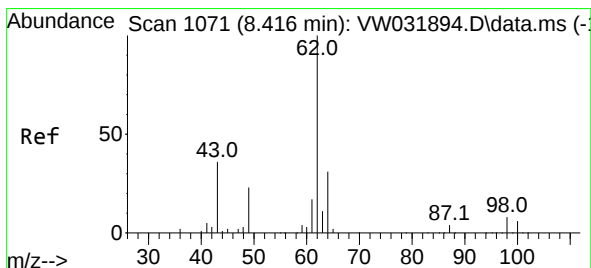
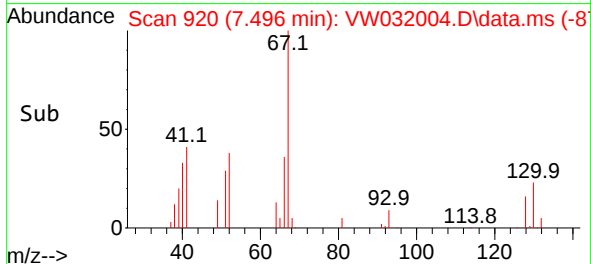
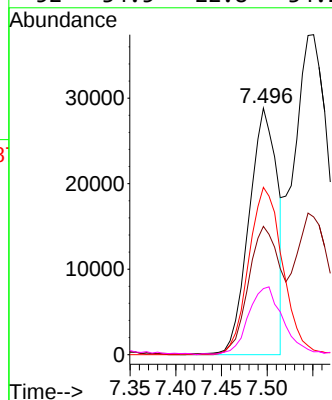
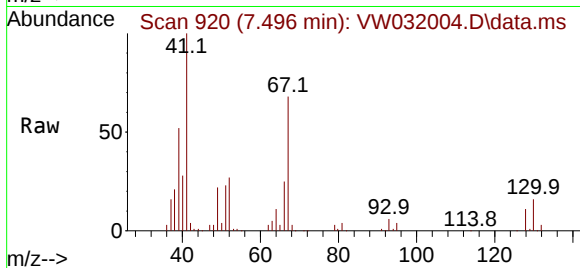




#41
Methacrylonitrile
Concen: 46.477 ug/l
RT: 7.496 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032004.D
Acq: 05 Aug 2025 09:05

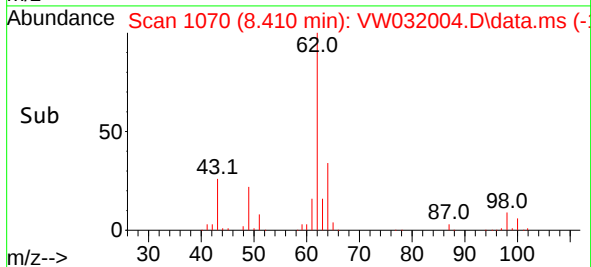
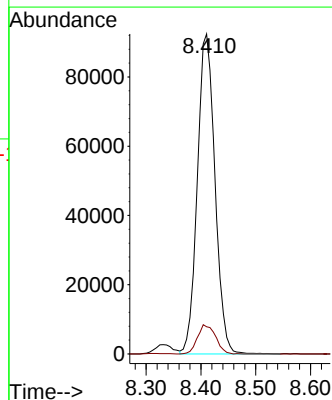
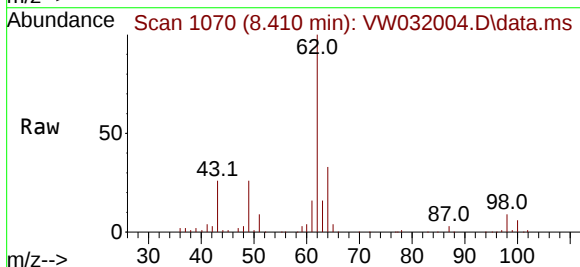
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

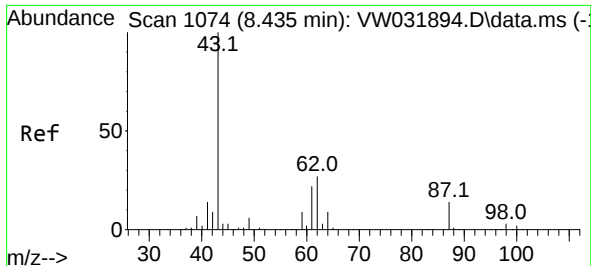
Tgt Ion:	41	Resp:	62274
Ion	Ratio	Lower	Upper
41	100		
39	58.2	41.1	61.7
67	81.7	56.2	84.4
52	34.5	22.8	34.2



#42
1,2-Dichloroethane
Concen: 55.604 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VW032004.D
Acq: 05 Aug 2025 09:05

Tgt Ion:	62	Resp:	206698
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.2

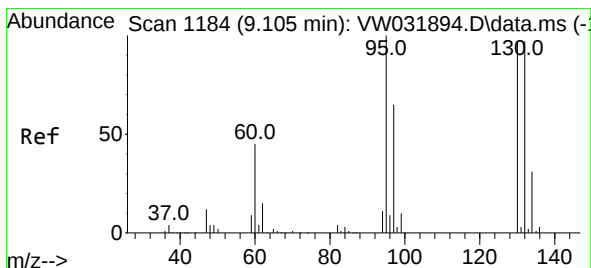
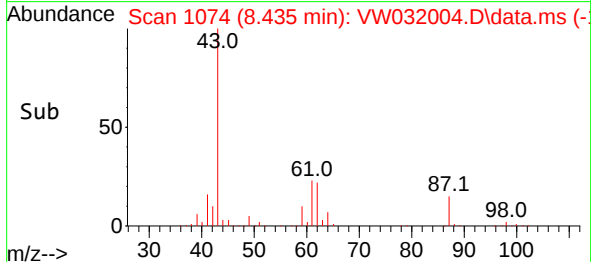
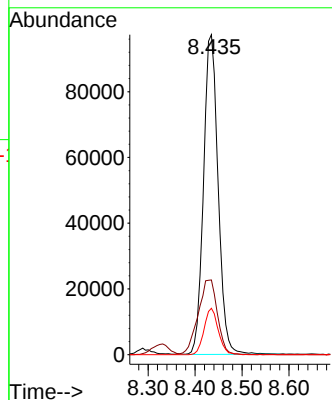
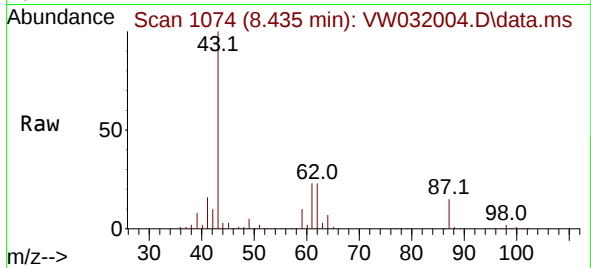




#43
Isopropyl Acetate
Concen: 51.822 ug/l
RT: 8.435 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VW032004.D
Acq: 05 Aug 2025 09:05

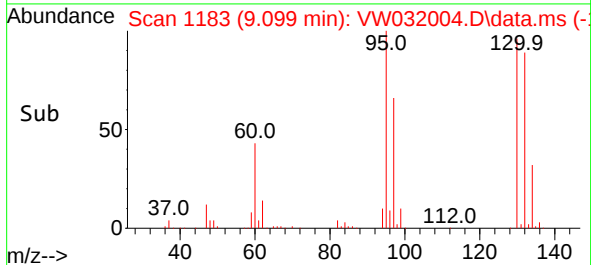
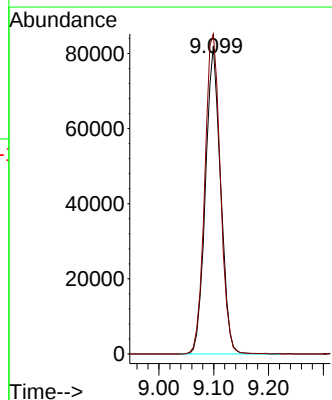
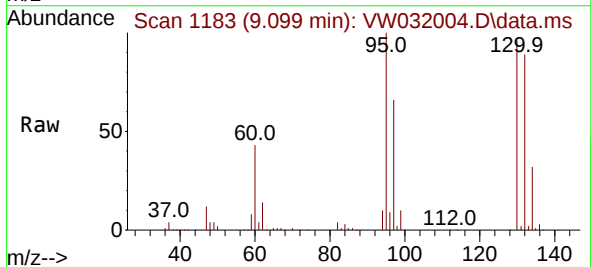
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

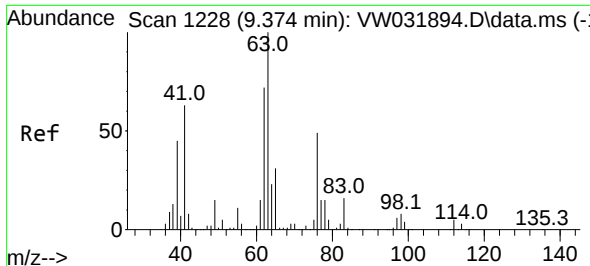
Tgt Ion: 43 Resp: 209988
Ion Ratio Lower Upper
43 100
61 30.9 24.0 36.0
87 14.1 11.1 16.7



#44
Trichloroethene
Concen: 56.783 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.006 min
Lab File: VW032004.D
Acq: 05 Aug 2025 09:05

Tgt Ion:130 Resp: 156767
Ion Ratio Lower Upper
130 100
95 103.9 0.0 206.4





#45

1,2-Dichloropropane

Concen: 57.129 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW032004.D

Acq: 05 Aug 2025 09:05

Instrument :

MSVOA_W

ClientSampleId :

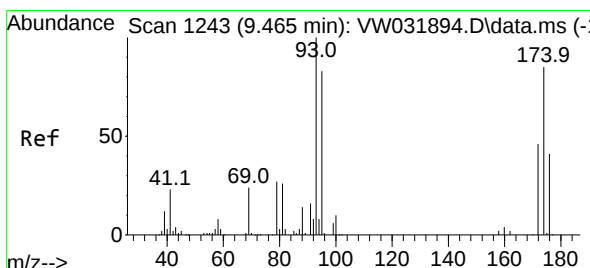
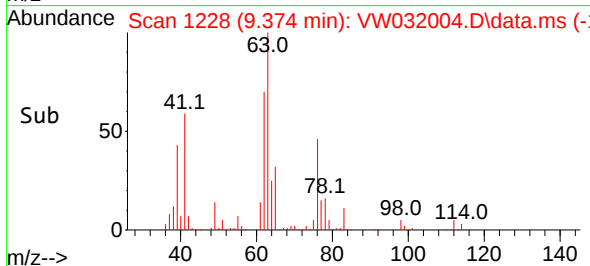
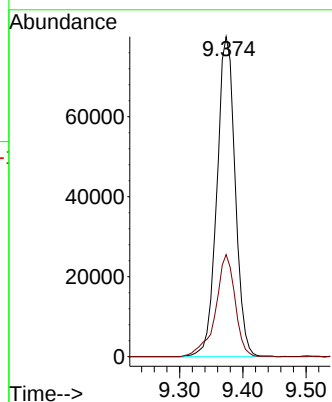
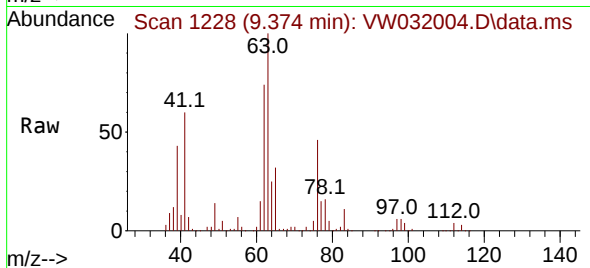
VSTDCCC050

Tgt Ion: 63 Resp: 159808

Ion Ratio Lower Upper

63 100

65 31.9 25.0 37.4



#46

Dibromomethane

Concen: 56.330 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW032004.D

Acq: 05 Aug 2025 09:05

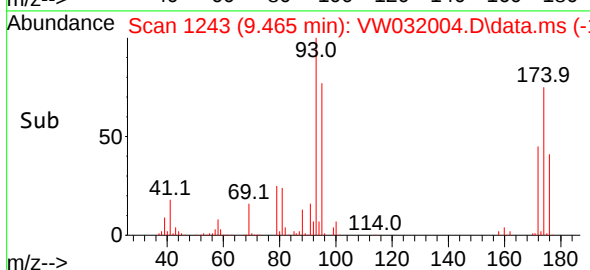
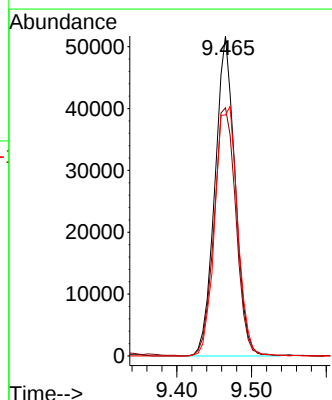
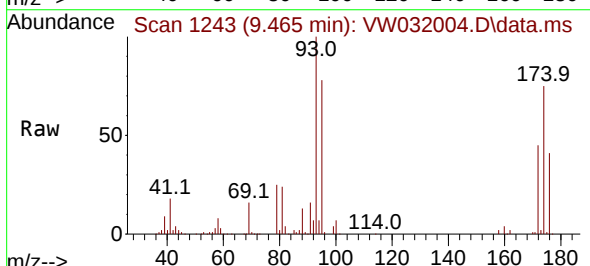
Tgt Ion: 93 Resp: 97677

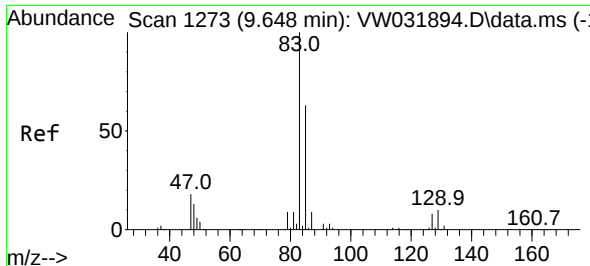
Ion Ratio Lower Upper

93 100

95 83.8 65.8 98.6

174 86.9 70.2 105.2

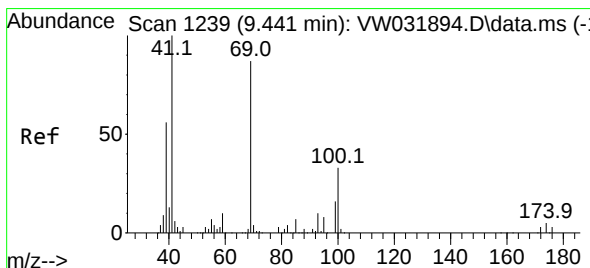
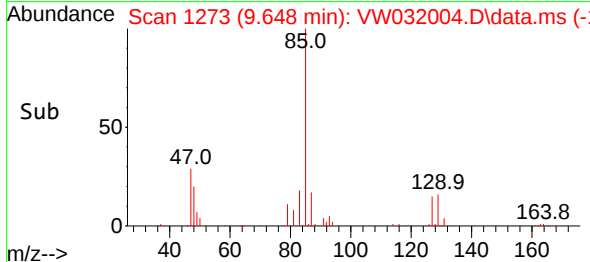
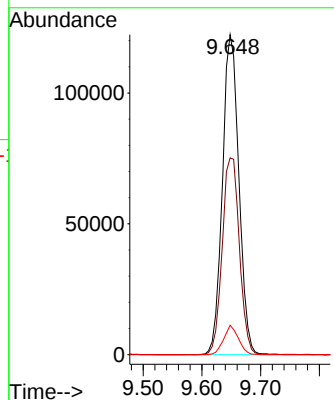
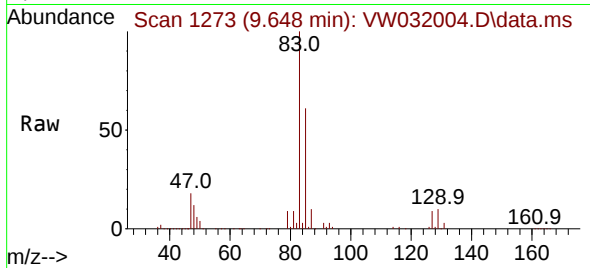




#47
Bromodichloromethane
Concen: 57.237 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VW032004.D
Acq: 05 Aug 2025 09:05

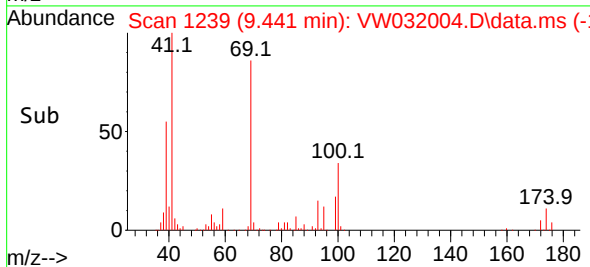
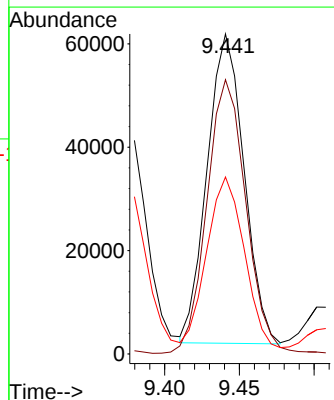
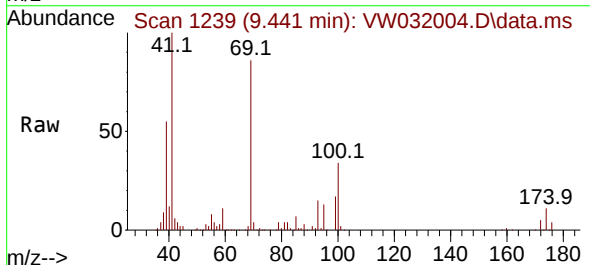
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

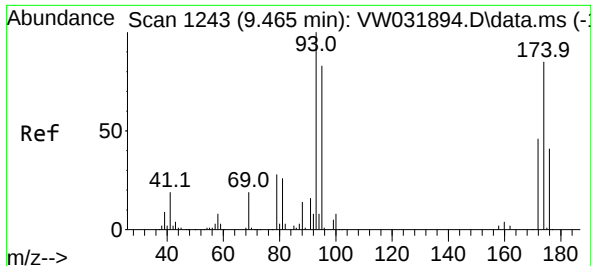
Tgt Ion: 83 Resp: 237992
Ion Ratio Lower Upper
83 100
85 61.5 50.6 76.0
127 9.2 6.5 9.7



#48
Methyl methacrylate
Concen: 53.243 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW032004.D
Acq: 05 Aug 2025 09:05

Tgt Ion: 41 Resp: 102642
Ion Ratio Lower Upper
41 100
69 94.6 73.6 110.4
39 55.5 45.5 68.3





#49

1,4-Dioxane

Concen: 1212.829 ug/l

RT: 9.465 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032004.D

Acq: 05 Aug 2025 09:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

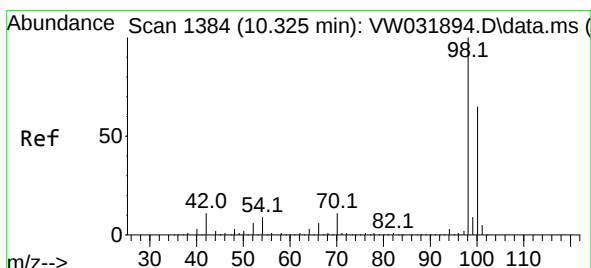
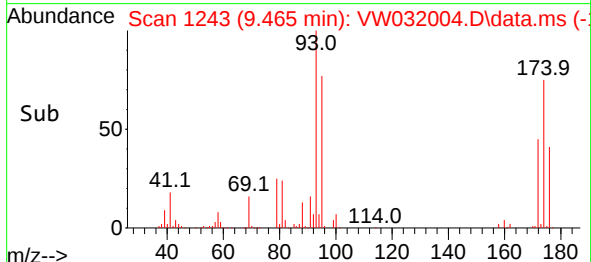
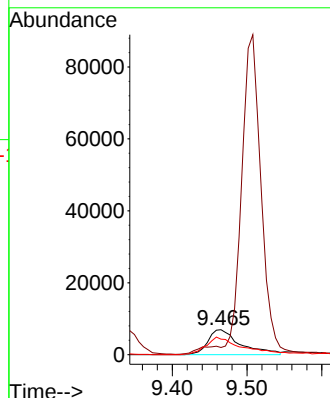
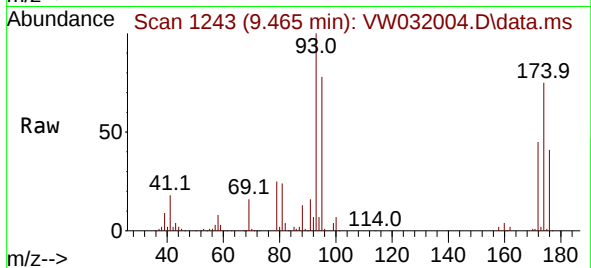
Tgt Ion: 88 Resp: 20985

Ion Ratio Lower Upper

88 100

43 0.0 19.0 28.4#

58 81.6 58.2 87.2



#50

Toluene-d8

Concen: 54.750 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW032004.D

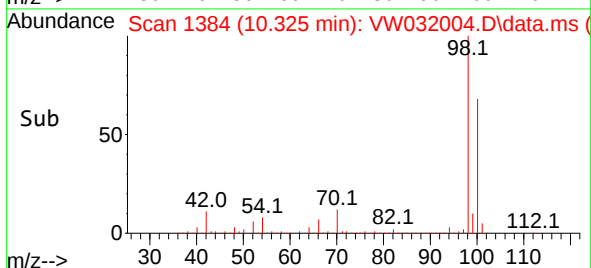
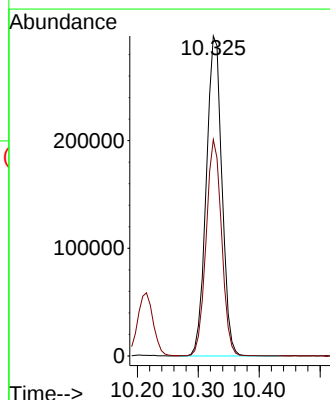
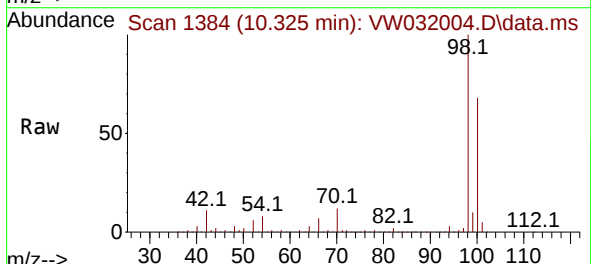
Acq: 05 Aug 2025 09:05

Tgt Ion: 98 Resp: 529417

Ion Ratio Lower Upper

98 100

100 66.9 51.7 77.5

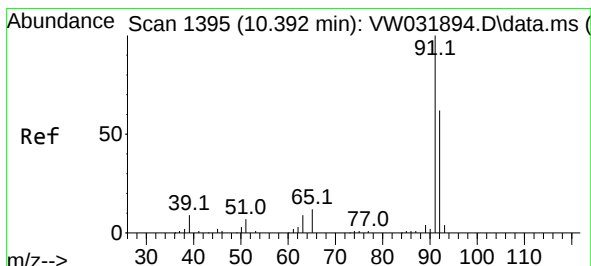
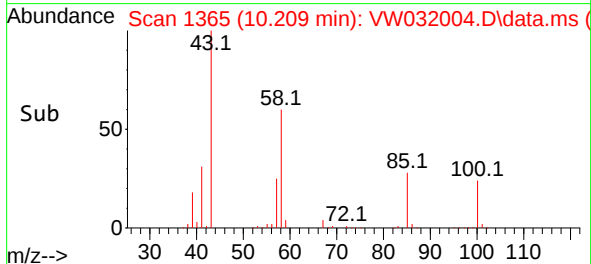
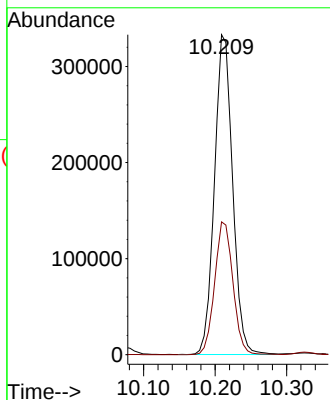
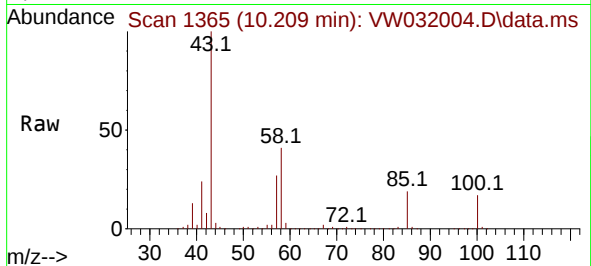




#51
4-Methyl-2-Pentanone
Concen: 264.846 ug/l
RT: 10.209 min Scan# 1365
Delta R.T. -0.006 min
Lab File: VW032004.D
Acq: 05 Aug 2025 09:05

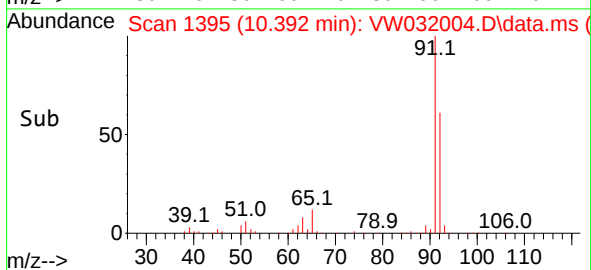
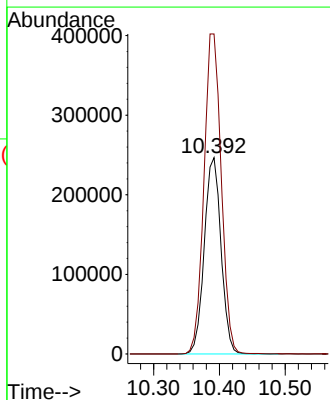
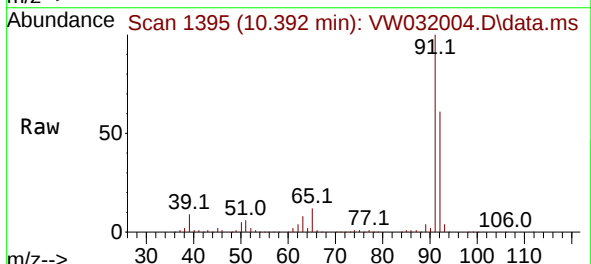
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

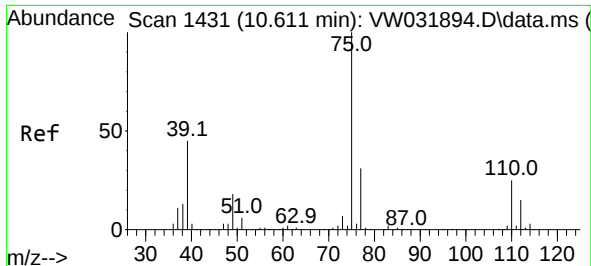
Tgt Ion: 43 Resp: 587322
Ion Ratio Lower Upper
43 100
58 41.9 32.8 49.2



#52
Toluene
Concen: 58.479 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW032004.D
Acq: 05 Aug 2025 09:05

Tgt Ion: 92 Resp: 436639
Ion Ratio Lower Upper
92 100
91 168.4 133.7 200.5

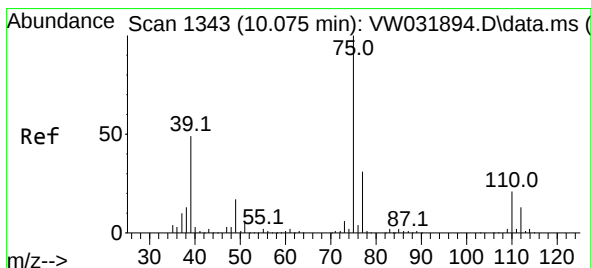
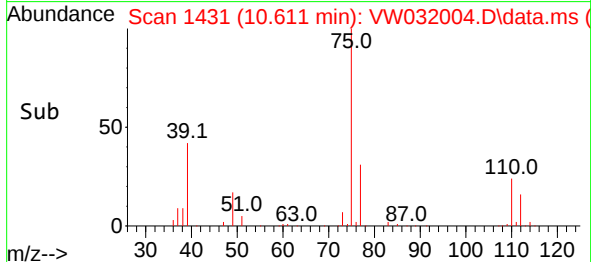
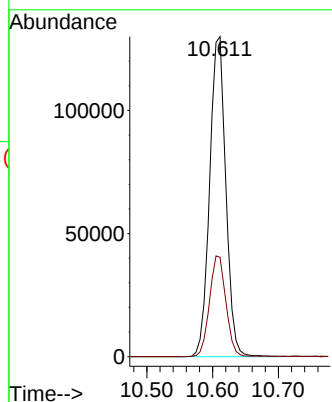
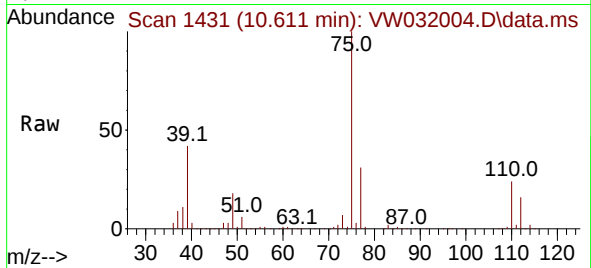




#53
 t-1,3-Dichloropropene
 Concen: 55.789 ug/l
 RT: 10.611 min Scan# 1431
 Delta R.T. 0.000 min
 Lab File: VW032004.D
 Acq: 05 Aug 2025 09:05

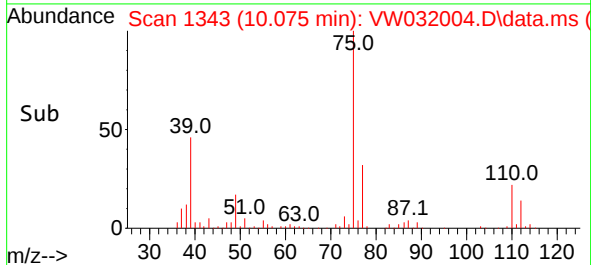
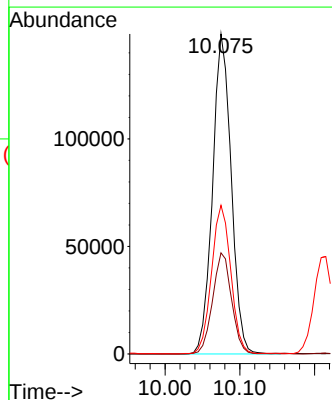
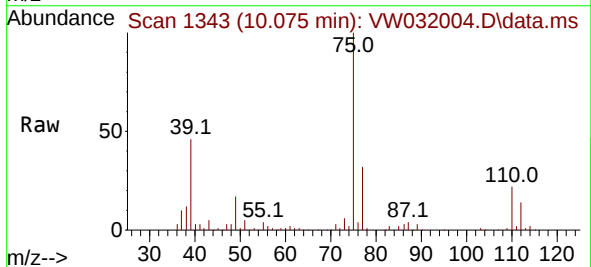
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

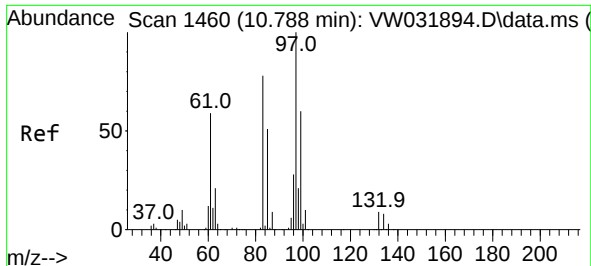
Tgt Ion: 75 Resp: 222518
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 56.761 ug/l
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.000 min
 Lab File: VW032004.D
 Acq: 05 Aug 2025 09:05

Tgt Ion: 75 Resp: 258544
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.5 36.7
 39 46.4 39.3 58.9



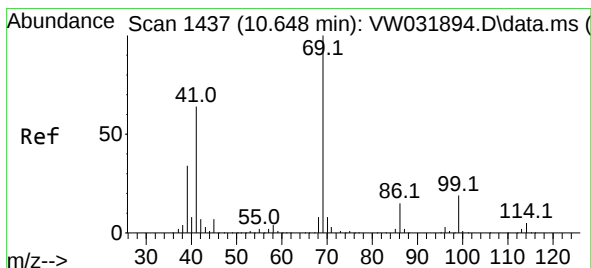
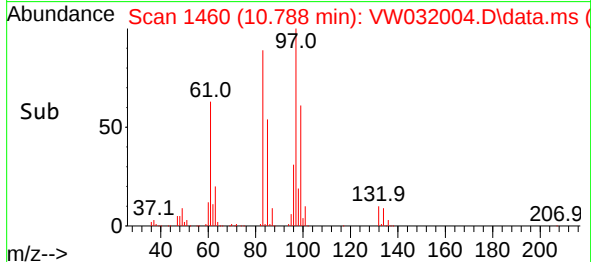
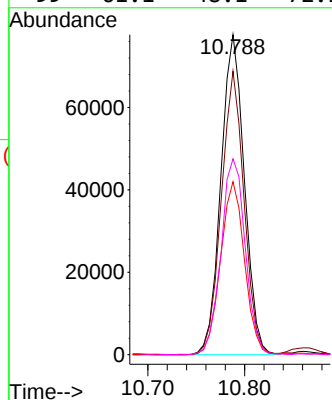
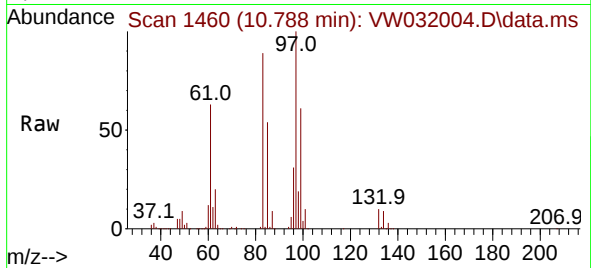


#55
1,1,2-Trichloroethane
Concen: 56.759 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032004.D
Acq: 05 Aug 2025 09:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 130735

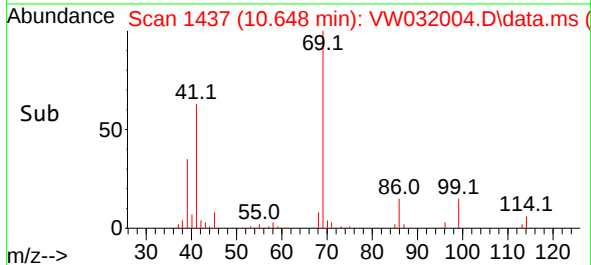
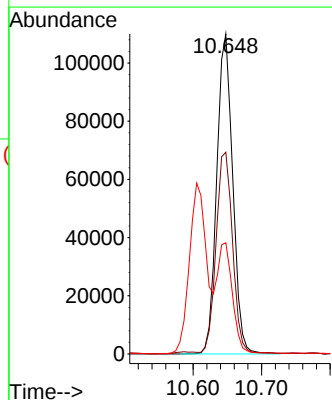
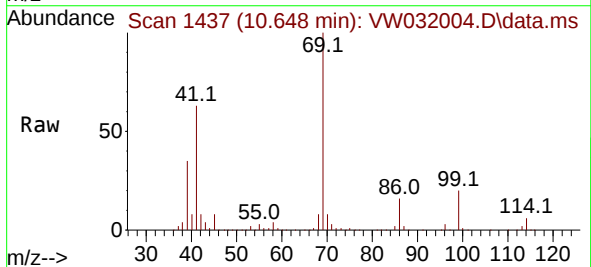
Ion	Ratio	Lower	Upper
97	100		
83	88.6	62.4	93.6
85	54.0	41.0	61.6
99	61.1	48.1	72.1

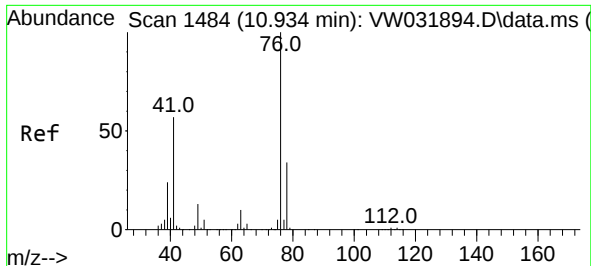


#56
Ethyl methacrylate
Concen: 54.464 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032004.D
Acq: 05 Aug 2025 09:05

Tgt Ion: 69 Resp: 177173

Ion	Ratio	Lower	Upper
69	100		
41	65.0	52.0	78.0
39	32.2	26.6	40.0





#57

1,3-Dichloropropane

Concen: 55.247 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW032004.D

Acq: 05 Aug 2025 09:05

Instrument :

MSVOA_W

ClientSampleId :

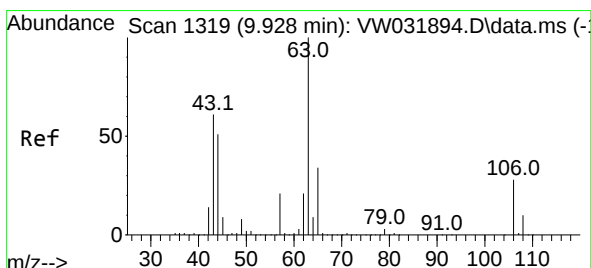
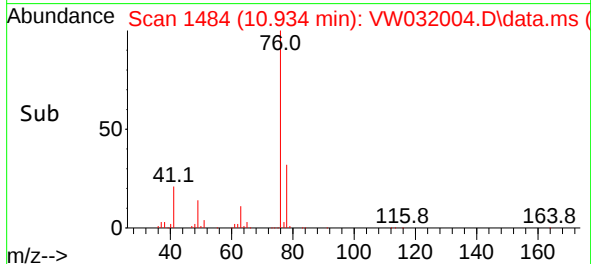
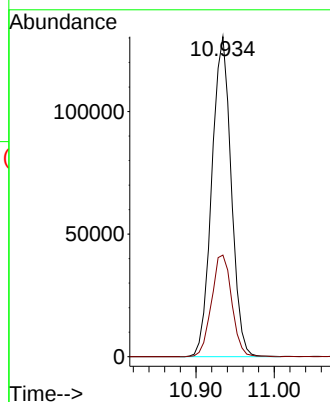
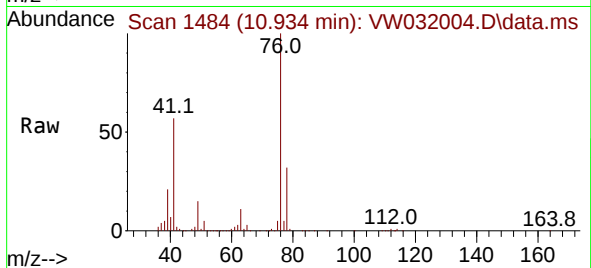
VSTDCCC050

Tgt Ion: 76 Resp: 224182

Ion Ratio Lower Upper

76 100

78 33.2 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 241.976 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW032004.D

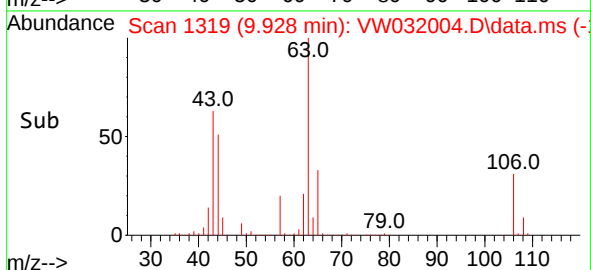
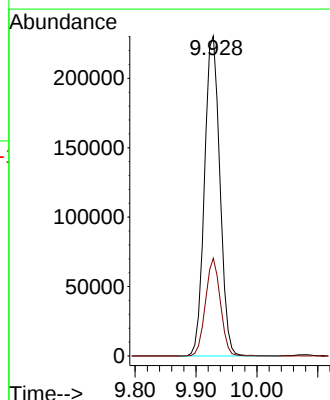
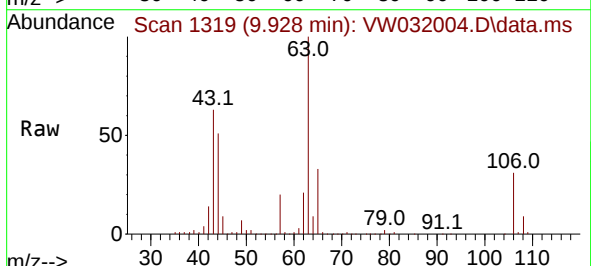
Acq: 05 Aug 2025 09:05

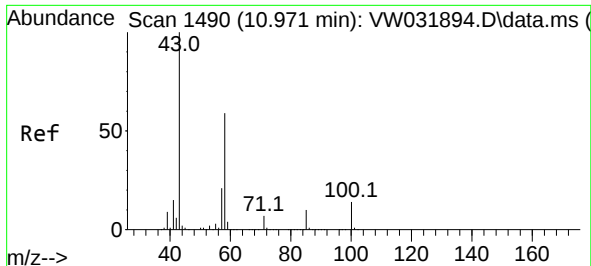
Tgt Ion: 63 Resp: 404321

Ion Ratio Lower Upper

63 100

106 29.5 22.7 34.1





#59

2-Hexanone

Concen: 257.756 ug/l

RT: 10.971 min Scan# 1490

Delta R.T. 0.000 min

Lab File: VW032004.D

Acq: 05 Aug 2025 09:05

Instrument :

MSVOA_W

ClientSampleId :

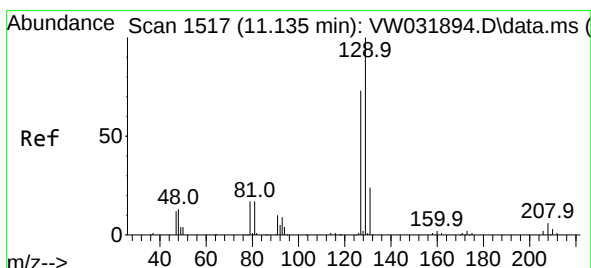
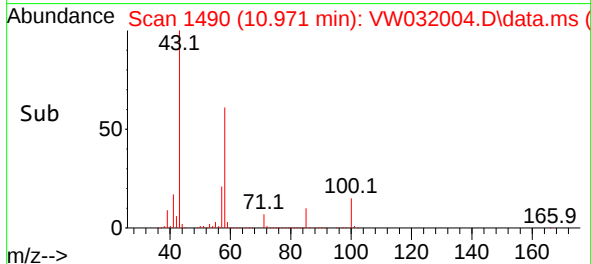
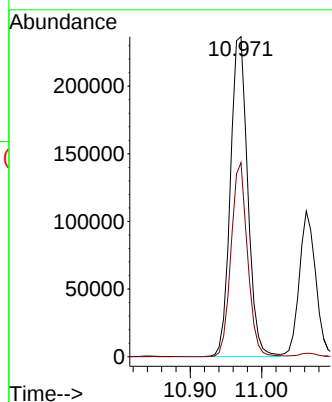
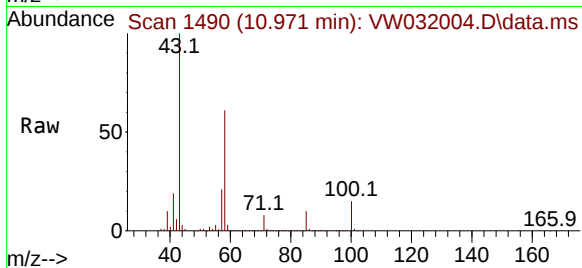
VSTDCCC050

Tgt Ion: 43 Resp: 397318

Ion Ratio Lower Upper

43 100

58 57.8 28.5 85.6



#60

Dibromochloromethane

Concen: 59.987 ug/l

RT: 11.129 min Scan# 1516

Delta R.T. -0.006 min

Lab File: VW032004.D

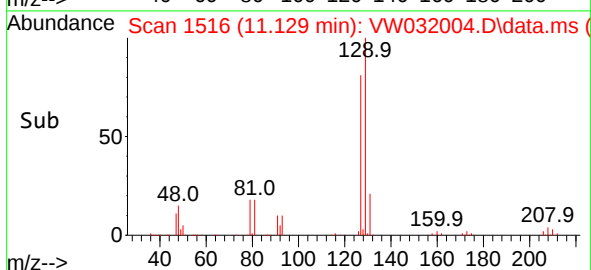
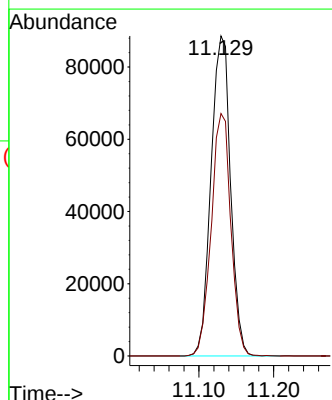
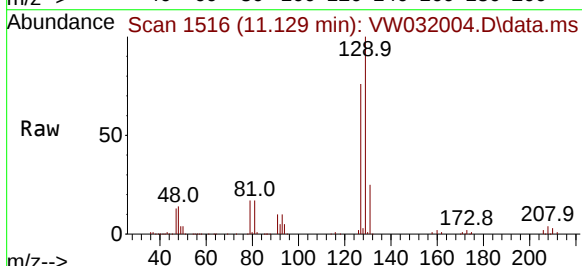
Acq: 05 Aug 2025 09:05

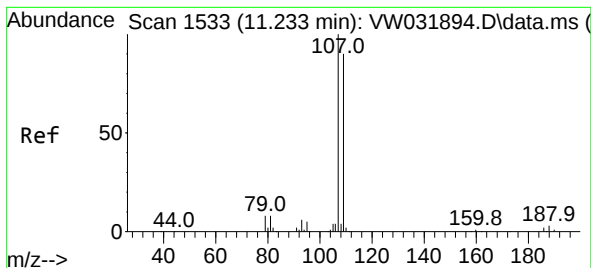
Tgt Ion:129 Resp: 161096

Ion Ratio Lower Upper

129 100

127 75.9 39.6 118.8

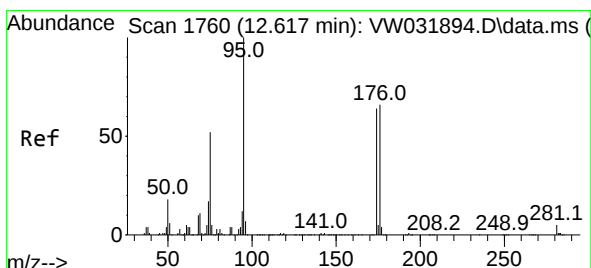
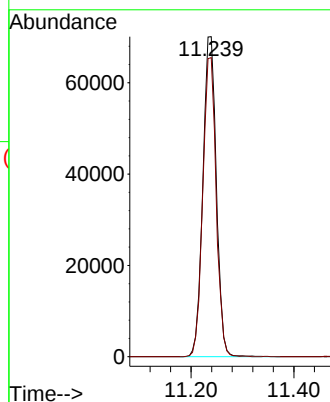
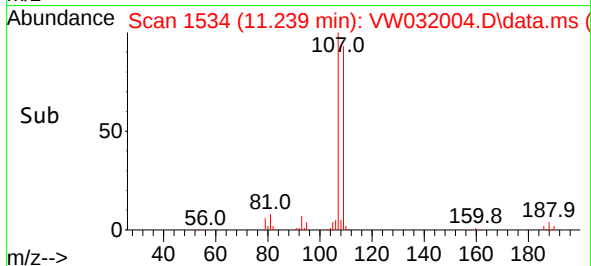
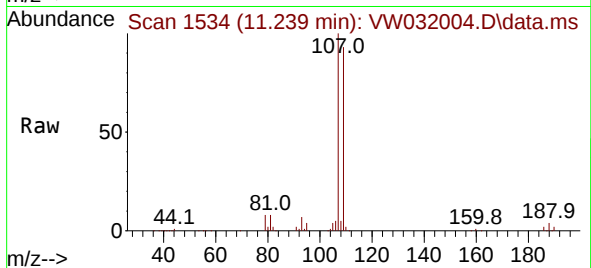




#61
1,2-Dibromoethane
Concen: 55.943 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032004.D
Acq: 05 Aug 2025 09:05

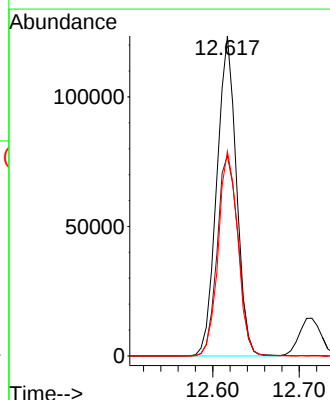
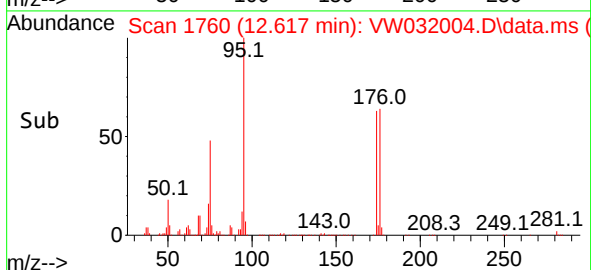
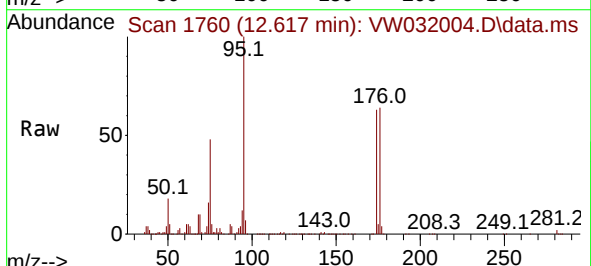
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

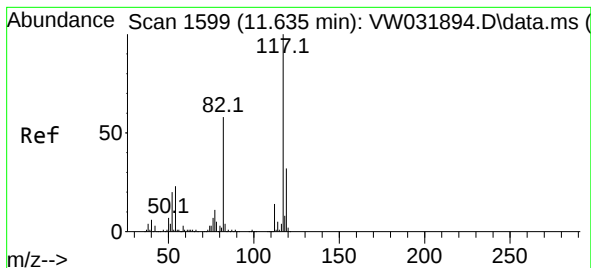
Tgt Ion:107 Resp: 127325
Ion Ratio Lower Upper
107 100
109 92.8 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 52.325 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032004.D
Acq: 05 Aug 2025 09:05

Tgt Ion: 95 Resp: 194285
Ion Ratio Lower Upper
95 100
174 66.7 0.0 129.8
176 63.6 0.0 130.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW032004.D

Acq: 05 Aug 2025 09:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

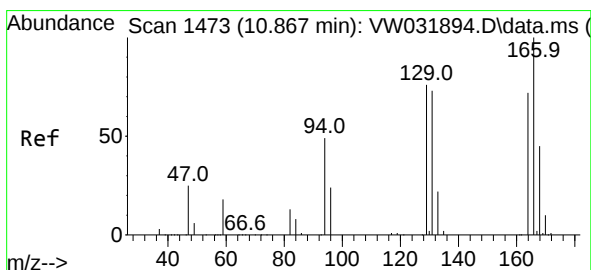
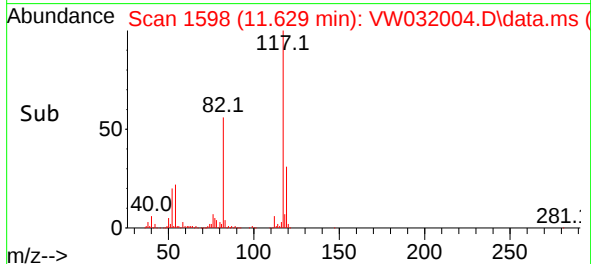
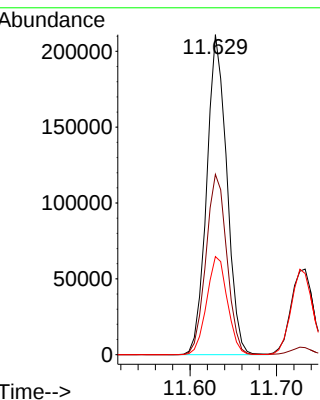
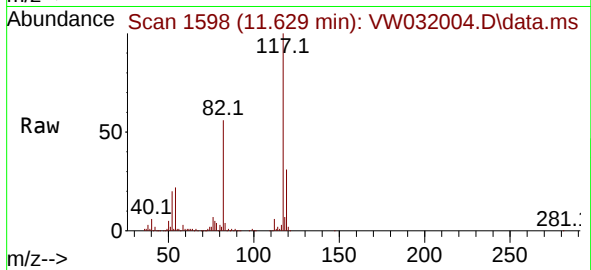
Tgt Ion:117 Resp: 340179

Ion Ratio Lower Upper

117 100

82 56.4 46.5 69.7

119 30.7 25.8 38.6



#64

Tetrachloroethene

Concen: 56.407 ug/l

RT: 10.861 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VW032004.D

Acq: 05 Aug 2025 09:05

Tgt Ion:164 Resp: 126512

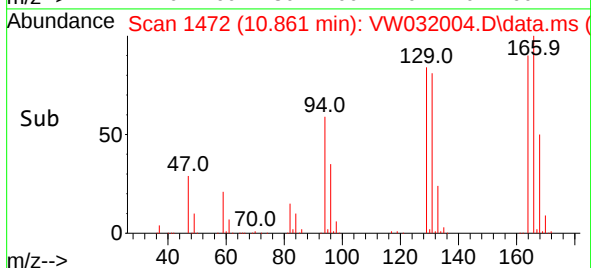
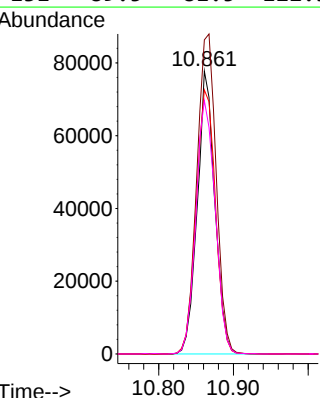
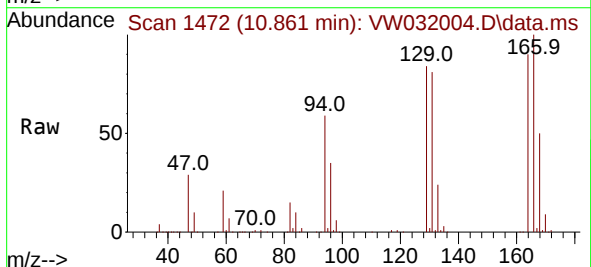
Ion Ratio Lower Upper

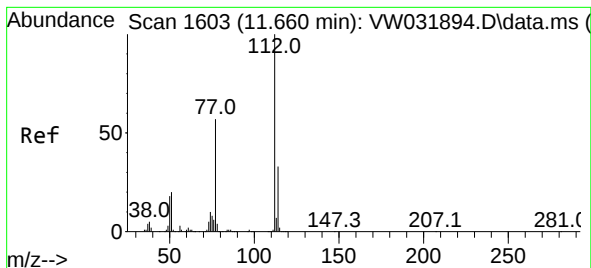
164 100

166 111.1 111.5 167.3#

129 93.3 85.1 127.7

131 89.5 81.5 122.3





#65

Chlorobenzene

Concen: 54.059 ug/l

RT: 11.654 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032004.D

Acq: 05 Aug 2025 09:05

Instrument :

MSVOA_W

ClientSampleId :

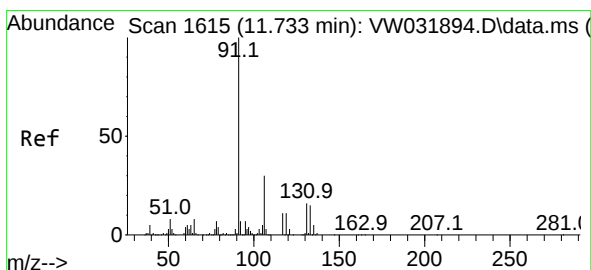
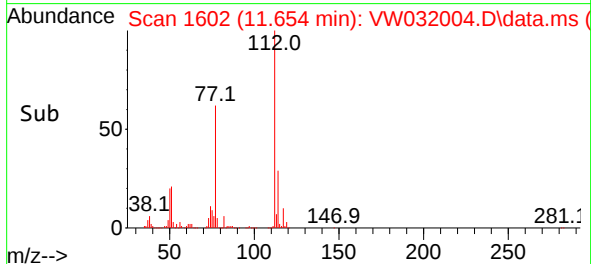
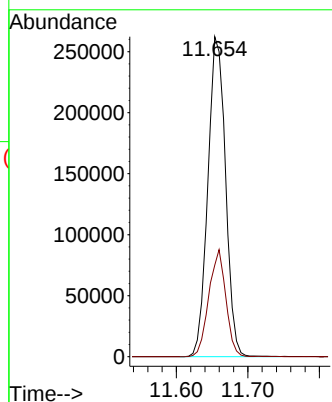
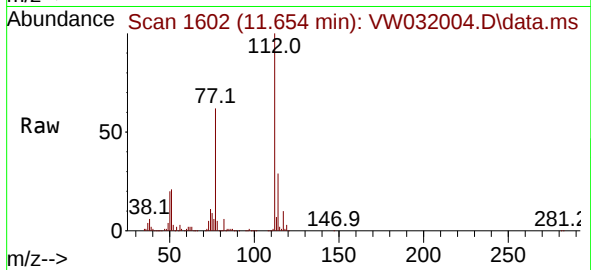
VSTDCCC050

Tgt Ion:112 Resp: 450077

Ion Ratio Lower Upper

112 100

114 28.6 26.2 39.2



#66

1,1,1,2-Tetrachloroethane

Concen: 57.086 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.000 min

Lab File: VW032004.D

Acq: 05 Aug 2025 09:05

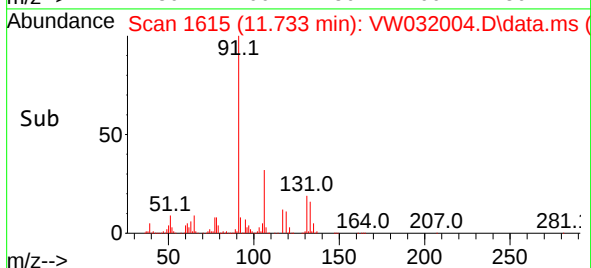
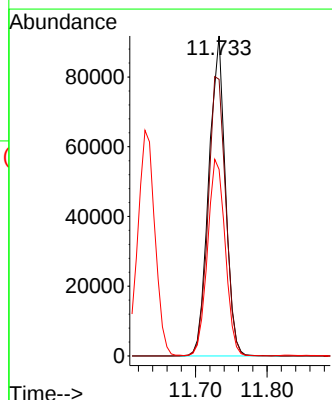
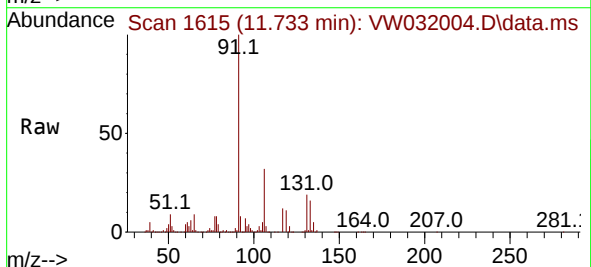
Tgt Ion:131 Resp: 147342

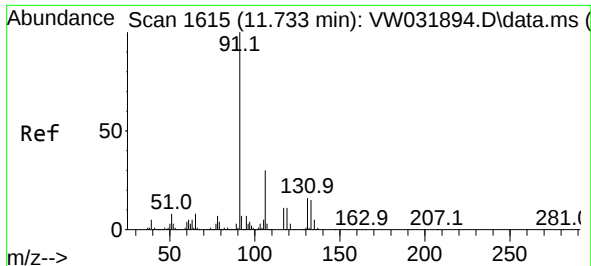
Ion Ratio Lower Upper

131 100

133 93.0 48.1 144.4

119 65.8 33.7 101.1





#67

Ethyl Benzene

Concen: 55.220 ug/l

RT: 11.727 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032004.D

Acq: 05 Aug 2025 09:05

Instrument :

MSVOA_W

ClientSampleId :

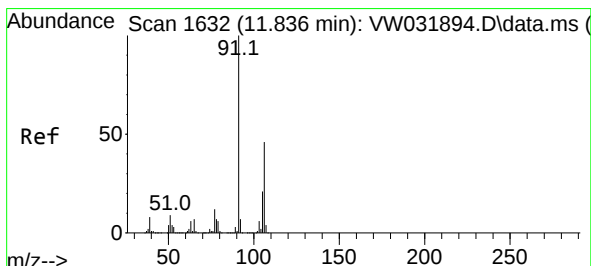
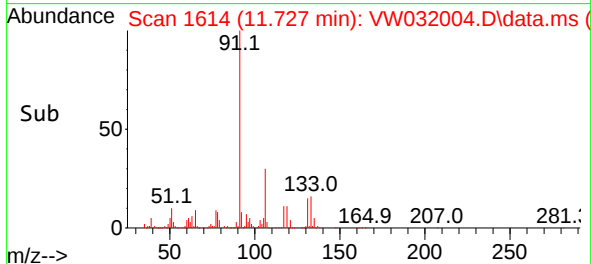
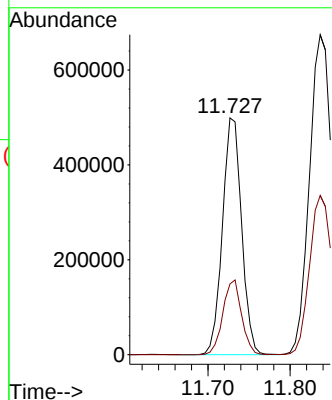
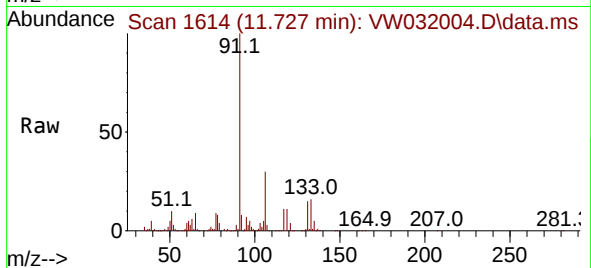
VSTDCCC050

Tgt Ion: 91 Resp: 807778

Ion Ratio Lower Upper

91 100

106 29.9 23.8 35.6



#68

m/p-Xylenes

Concen: 115.549 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW032004.D

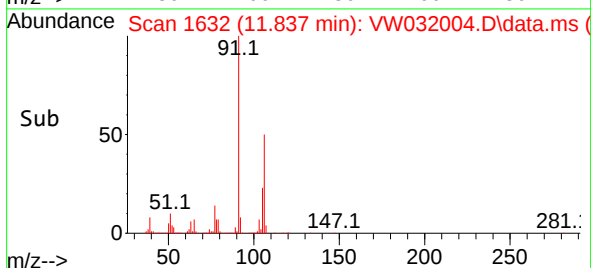
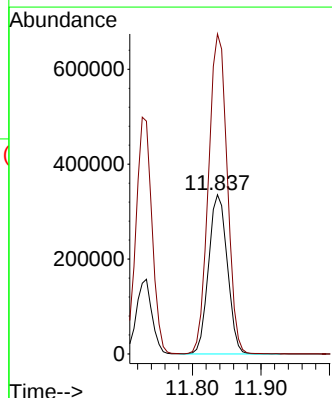
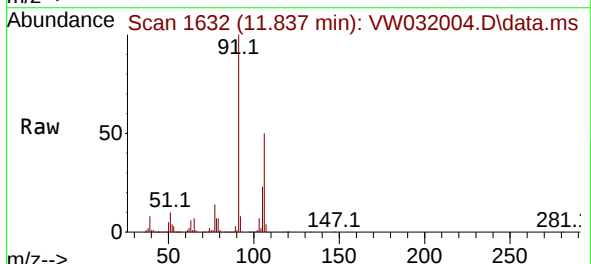
Acq: 05 Aug 2025 09:05

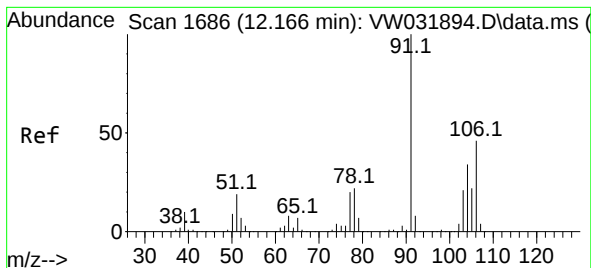
Tgt Ion:106 Resp: 636315

Ion Ratio Lower Upper

106 100

91 201.2 167.7 251.5

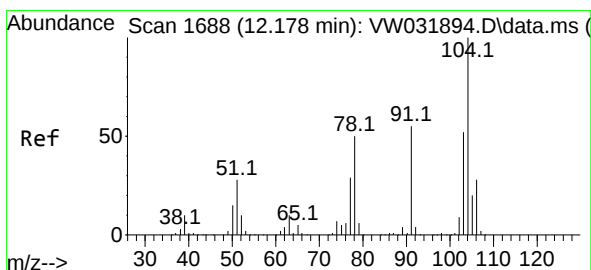
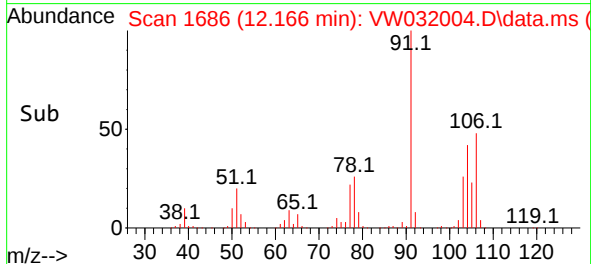
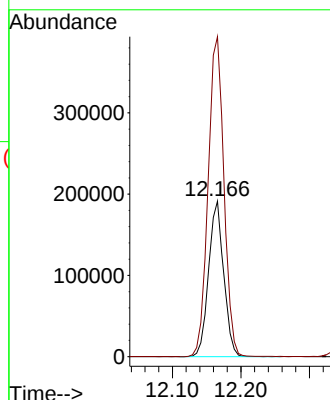
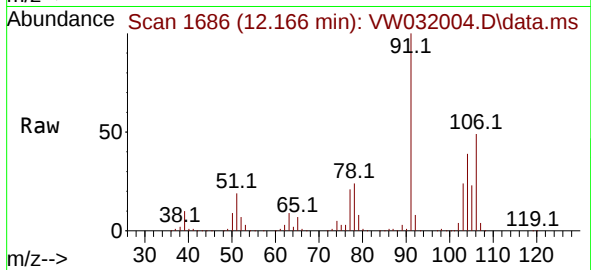




#69
o-Xylene
Concen: 56.130 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW032004.D
Acq: 05 Aug 2025 09:05

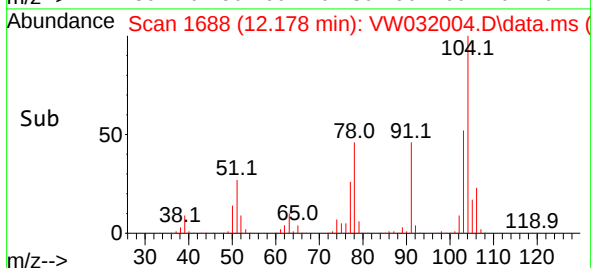
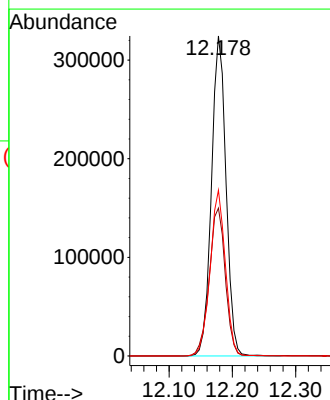
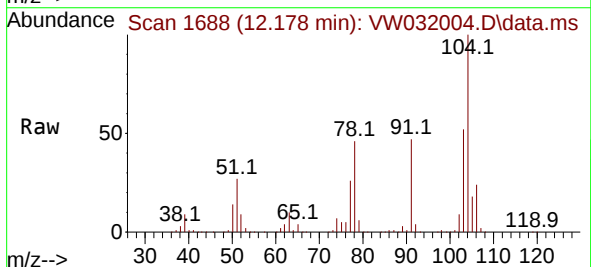
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

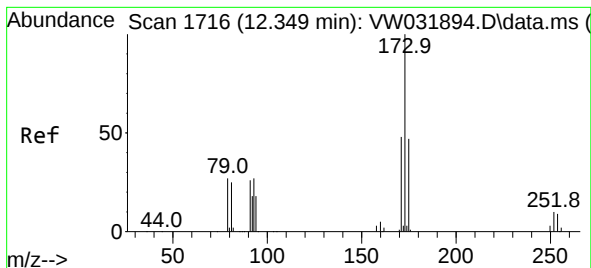
Tgt Ion:106 Resp: 292525
Ion Ratio Lower Upper
106 100
91 216.1 108.2 324.6



#70
Styrene
Concen: 58.502 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032004.D
Acq: 05 Aug 2025 09:05

Tgt Ion:104 Resp: 519097
Ion Ratio Lower Upper
104 100
78 51.1 42.2 63.4
103 54.5 42.8 64.2





#71

Bromoform

Concen: 58.209 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032004.D

Acq: 05 Aug 2025 09:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

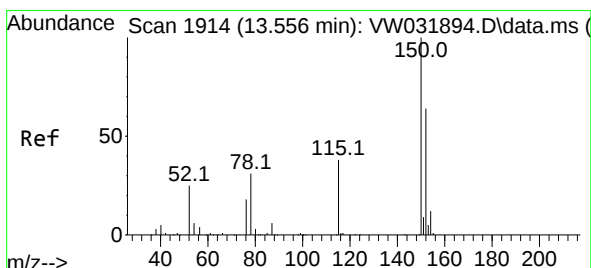
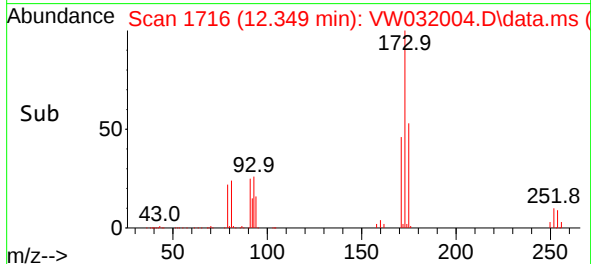
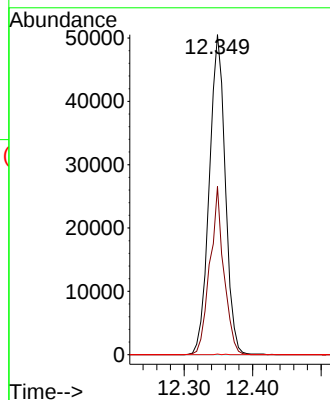
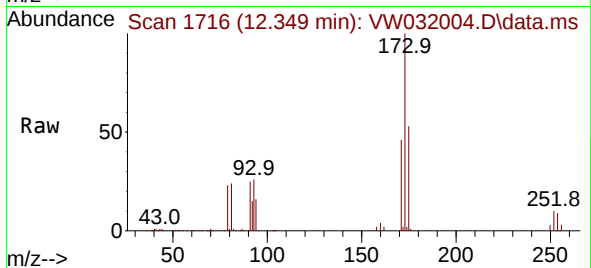
Tgt Ion:173 Resp: 82167

Ion Ratio Lower Upper

173 100

175 45.9 24.5 73.5

254 0.1 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: VW032004.D

Acq: 05 Aug 2025 09:05

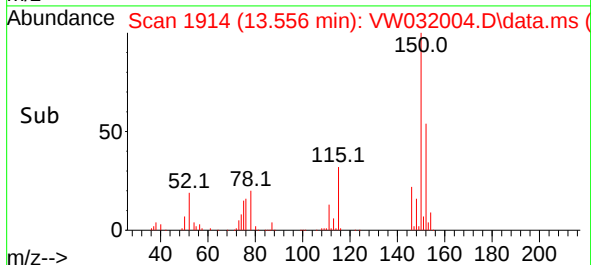
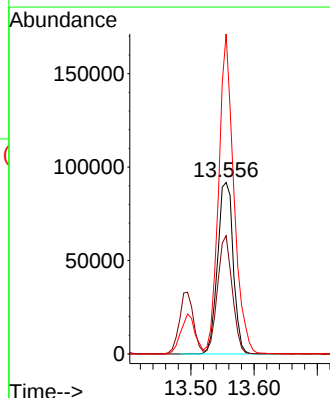
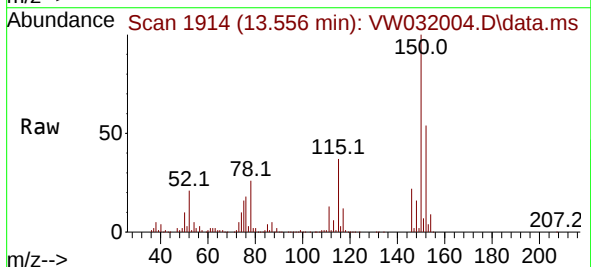
Tgt Ion:152 Resp: 156766

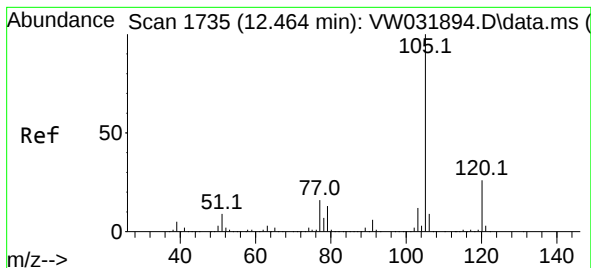
Ion Ratio Lower Upper

152 100

115 65.0 33.4 100.1

150 181.5 0.0 352.2





#73

Isopropylbenzene

Concen: 54.796 ug/l

RT: 12.465 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032004.D

Acq: 05 Aug 2025 09:05

Instrument :

MSVOA_W

ClientSampleId :

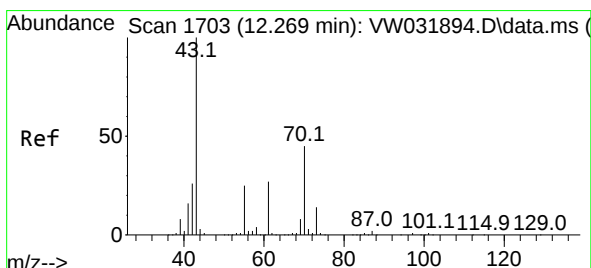
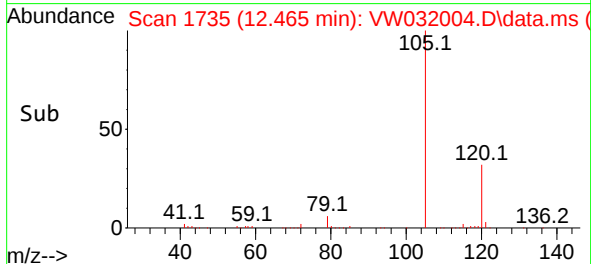
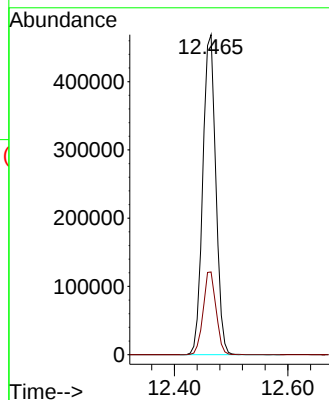
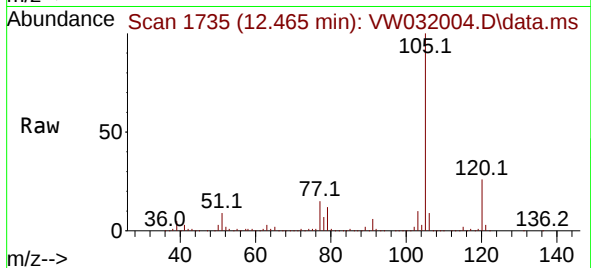
VSTDCCC050

Tgt Ion:105 Resp: 745339

Ion Ratio Lower Upper

105 100

120 25.6 12.6 37.8



#74

N-ethyl acetate

Concen: 51.867 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW032004.D

Acq: 05 Aug 2025 09:05

Tgt Ion: 43 Resp: 190726

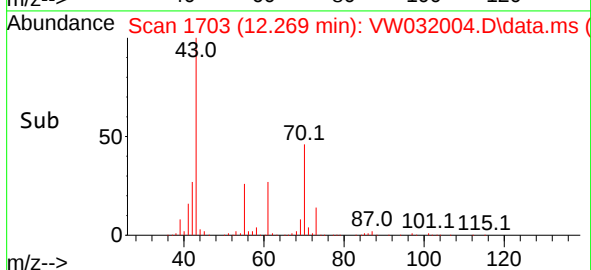
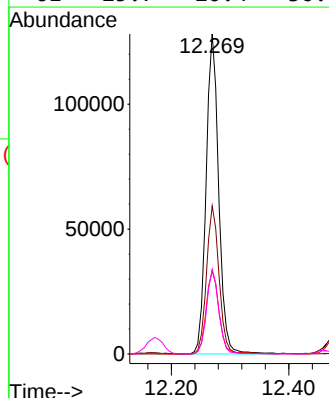
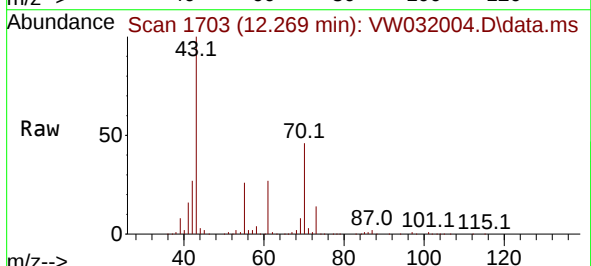
Ion Ratio Lower Upper

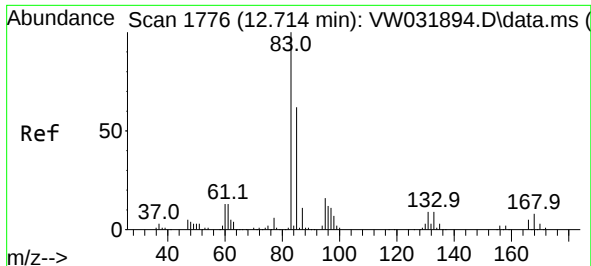
43 100

70 46.4 36.6 55.0

55 26.8 20.7 31.1

61 25.7 20.4 30.6

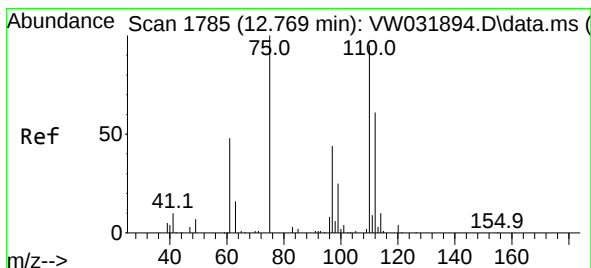
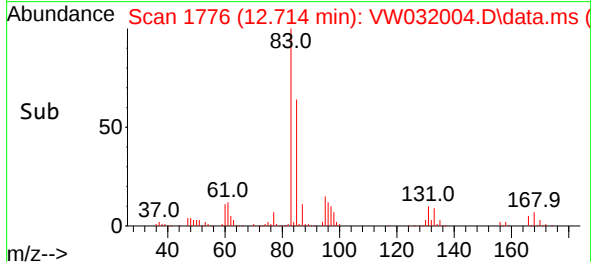
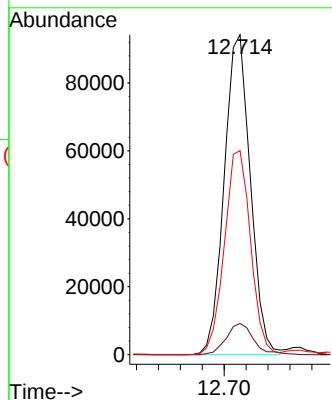
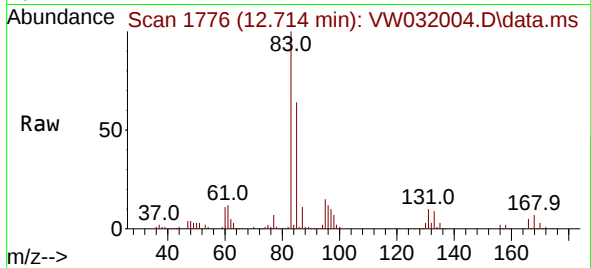




#75
1,1,2,2-Tetrachloroethane
Concen: 53.950 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW032004.D
Acq: 05 Aug 2025 09:05

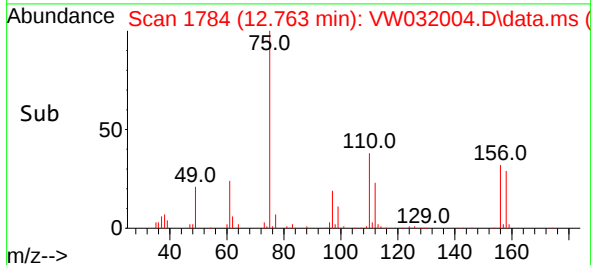
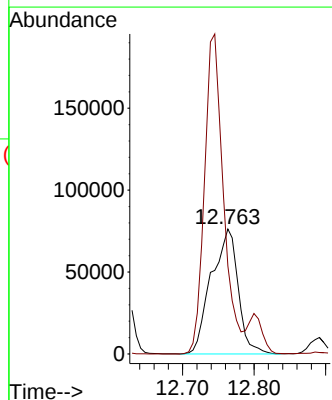
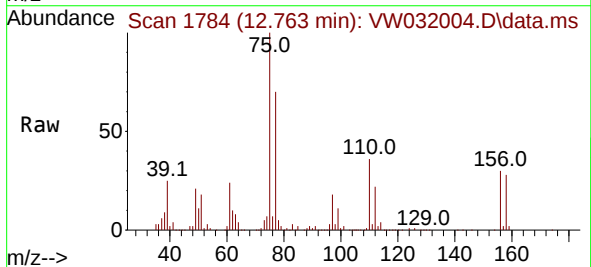
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

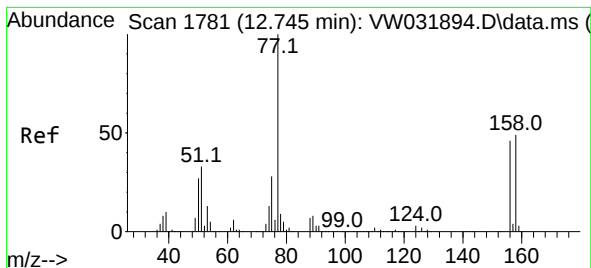
Tgt Ion: 83 Resp: 155765
Ion Ratio Lower Upper
83 100
131 10.2 5.0 15.0
85 64.0 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 91.816 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW032004.D
Acq: 05 Aug 2025 09:05

Tgt Ion: 75 Resp: 198726
Ion Ratio Lower Upper
75 100
77 180.1 0.0 0.0#





#77

Bromobenzene

Concen: 59.276 ug/l

RT: 12.745 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VW032004.D

Acq: 05 Aug 2025 09:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

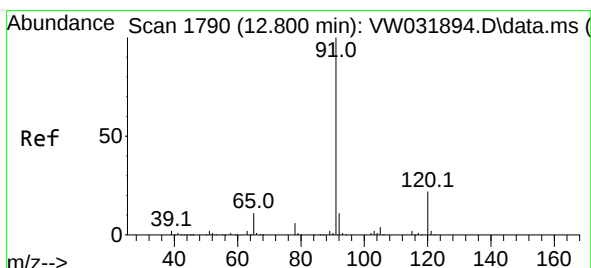
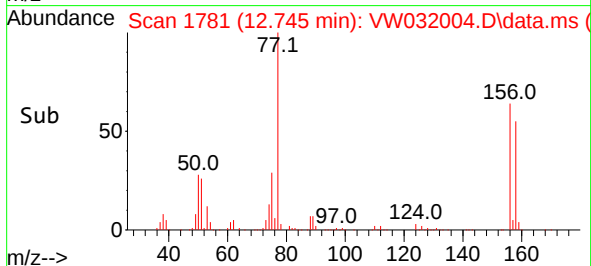
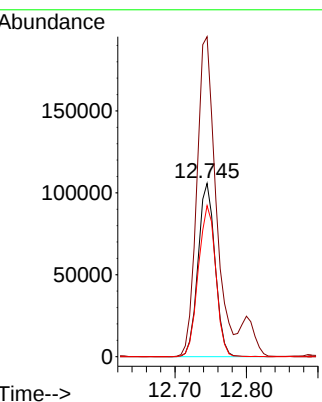
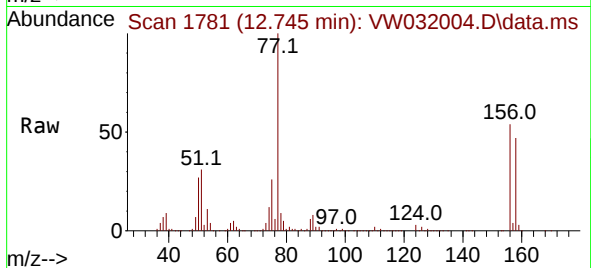
Tgt Ion:156 Resp: 174451

Ion Ratio Lower Upper

156 100

77 205.2 115.3 345.8

158 89.7 50.1 150.3



#78

n-propylbenzene

Concen: 55.939 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW032004.D

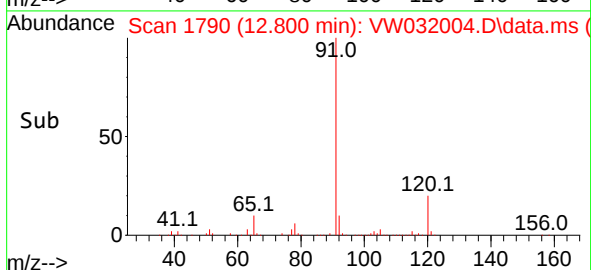
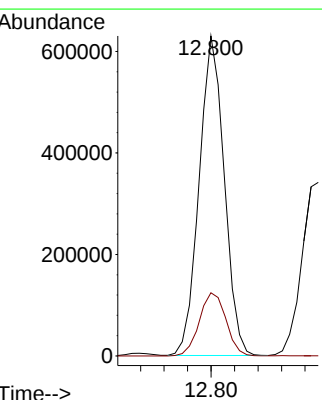
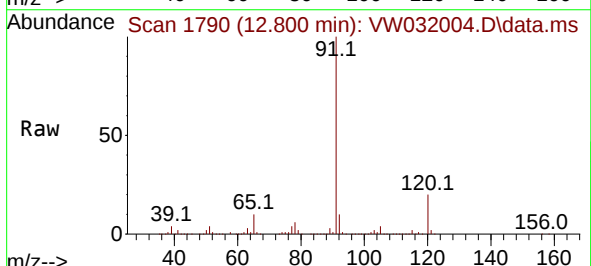
Acq: 05 Aug 2025 09:05

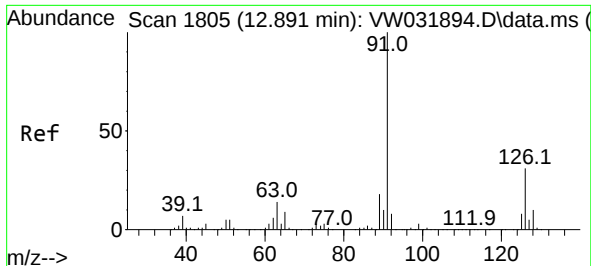
Tgt Ion: 91 Resp: 934498

Ion Ratio Lower Upper

91 100

120 21.0 10.9 32.6

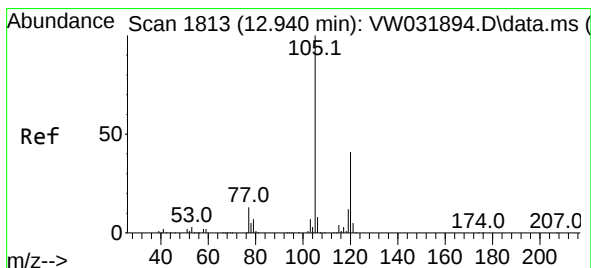
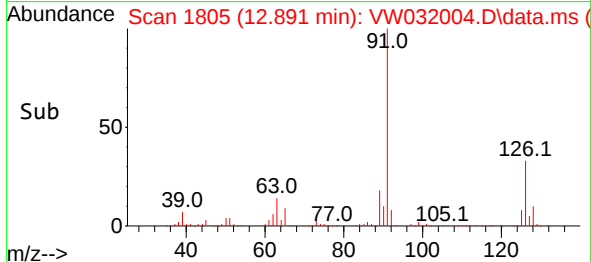
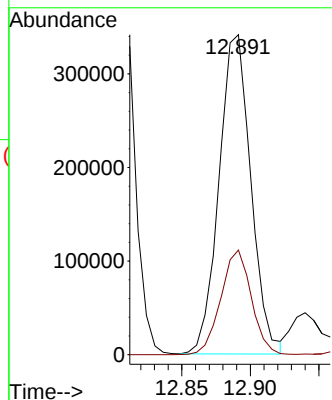
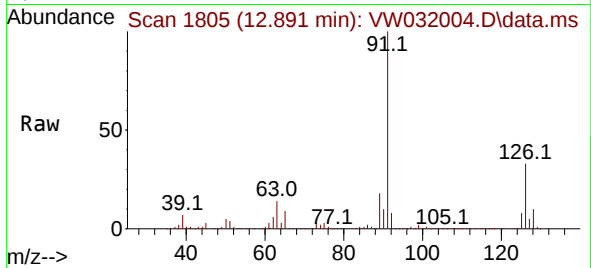




#79
2-Chlorotoluene
Concen: 55.396 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW032004.D
Acq: 05 Aug 2025 09:05

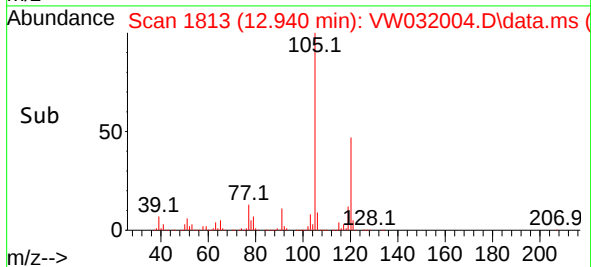
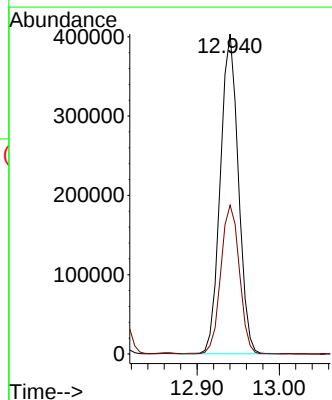
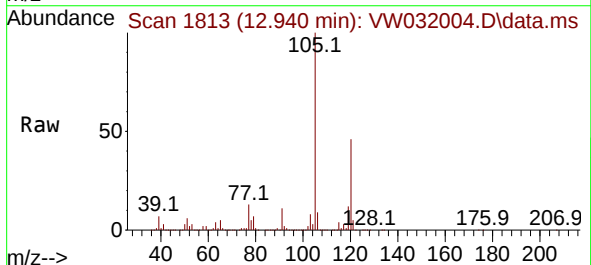
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

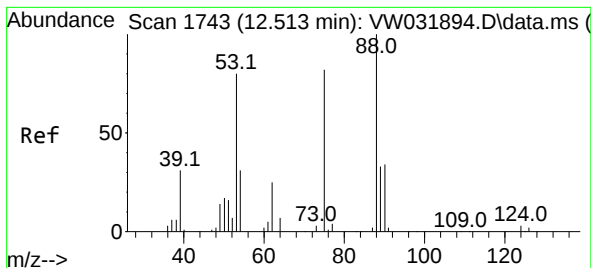
Tgt Ion: 91 Resp: 552539
Ion Ratio Lower Upper
91 100
126 31.3 15.6 46.8



#80
1,3,5-Trimethylbenzene
Concen: 53.883 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032004.D
Acq: 05 Aug 2025 09:05

Tgt Ion: 105 Resp: 614693
Ion Ratio Lower Upper
105 100
120 47.9 23.5 70.5

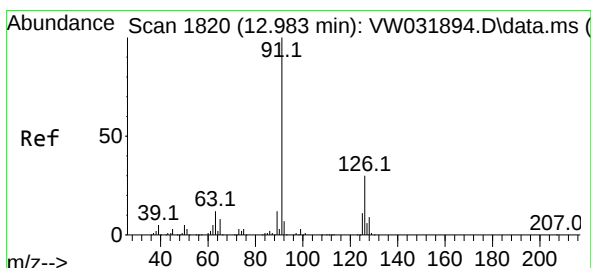
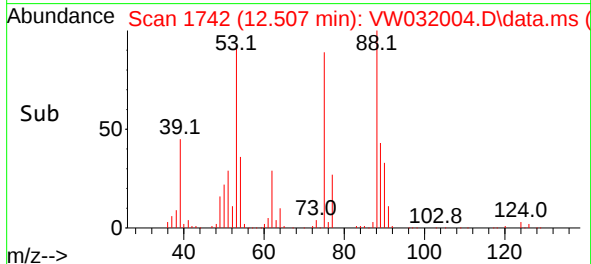
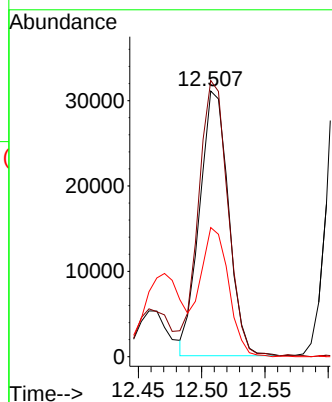
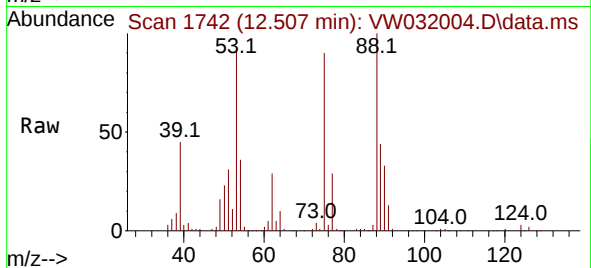




#81
trans-1,4-Dichloro-2-butene
Concen: 52.745 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VW032004.D
Acq: 05 Aug 2025 09:05

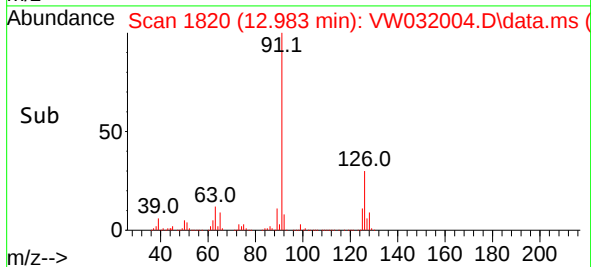
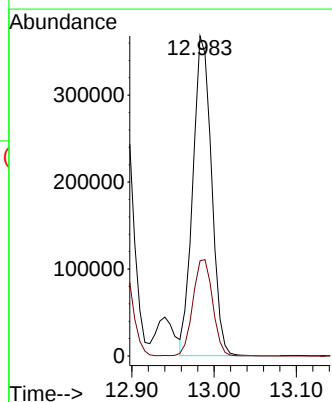
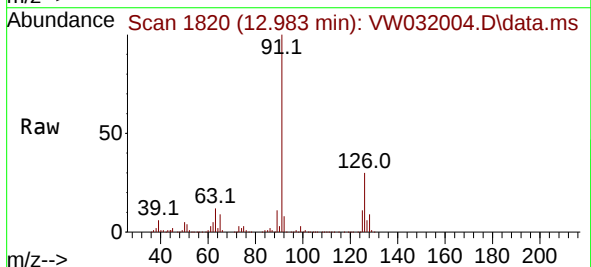
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

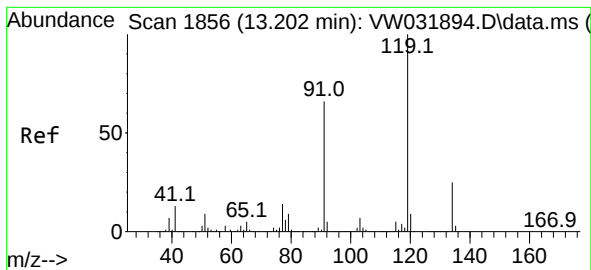
Tgt Ion: 75 Resp: 49448
Ion Ratio Lower Upper
75 100
53 107.3 83.7 125.5
89 47.9 39.0 58.6



#82
4-Chlorotoluene
Concen: 55.289 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VW032004.D
Acq: 05 Aug 2025 09:05

Tgt Ion: 91 Resp: 578547
Ion Ratio Lower Upper
91 100
126 32.1 15.8 47.3

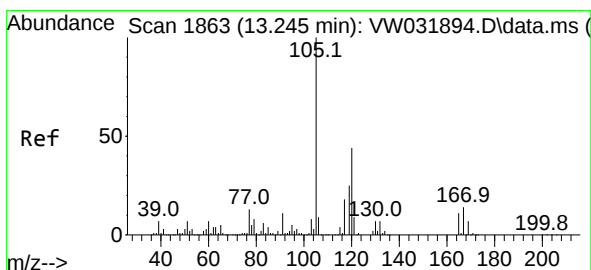
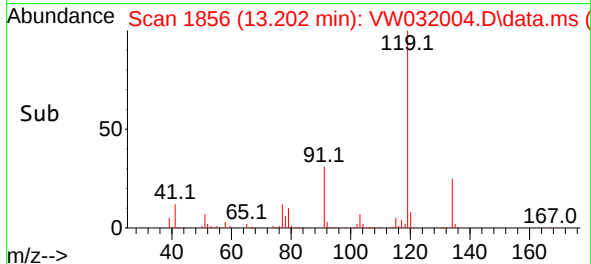
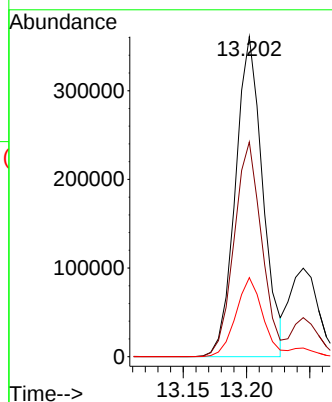
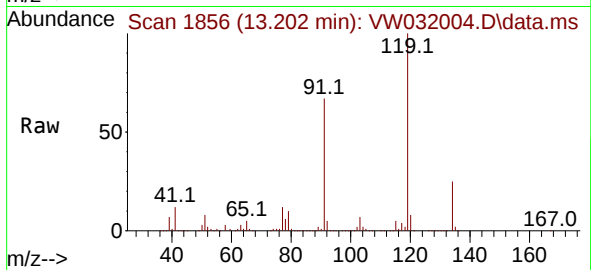




#83
tert-Butylbenzene
Concen: 55.870 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW032004.D
Acq: 05 Aug 2025 09:05

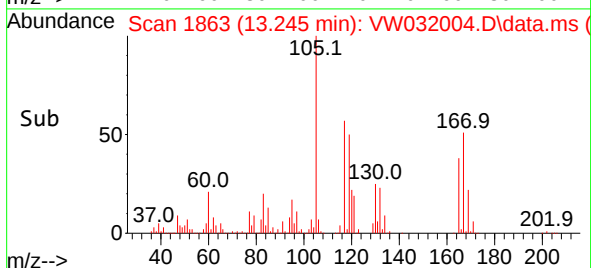
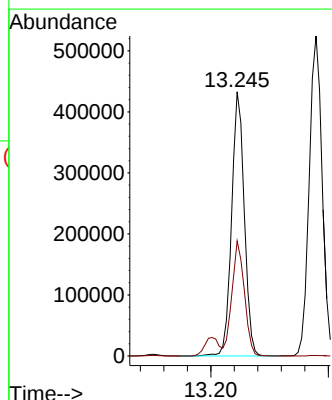
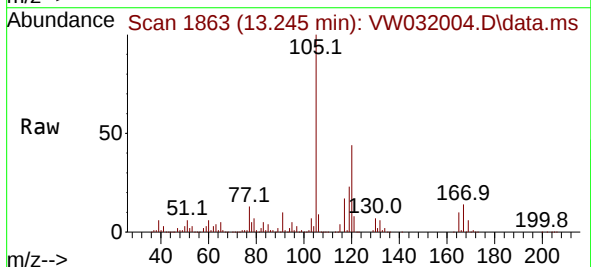
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

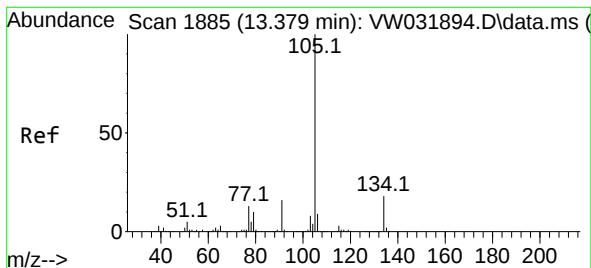
Tgt Ion:119 Resp: 542901
Ion Ratio Lower Upper
119 100
91 67.7 35.5 106.5
134 24.6 12.4 37.0



#84
1,2,4-Trimethylbenzene
Concen: 56.282 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032004.D
Acq: 05 Aug 2025 09:05

Tgt Ion:105 Resp: 649858
Ion Ratio Lower Upper
105 100
120 42.7 21.3 63.9





#85

sec-Butylbenzene

Concen: 54.890 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032004.D

Acq: 05 Aug 2025 09:05

Instrument :

MSVOA_W

ClientSampleId :

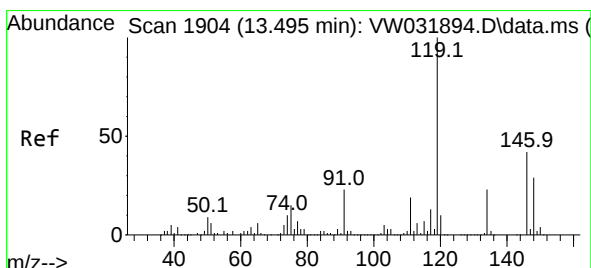
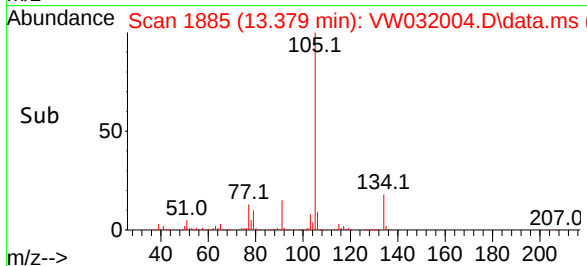
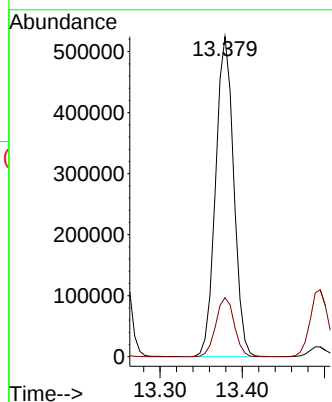
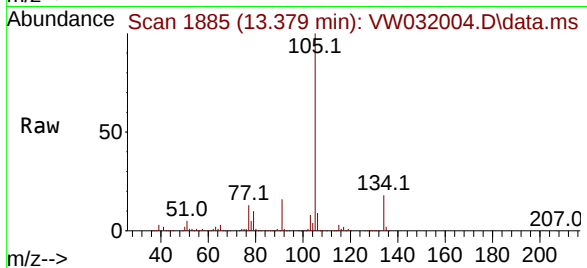
VSTDCCC050

Tgt Ion:105 Resp: 800994

Ion Ratio Lower Upper

105 100

134 18.9 9.2 27.6



#86

p-Isopropyltoluene

Concen: 54.302 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032004.D

Acq: 05 Aug 2025 09:05

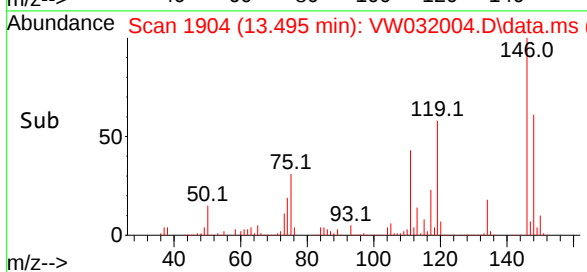
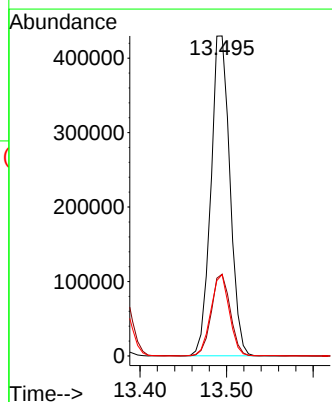
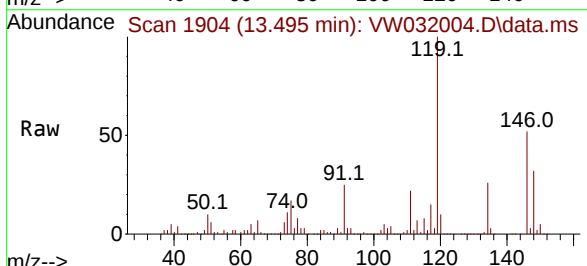
Tgt Ion:119 Resp: 654975

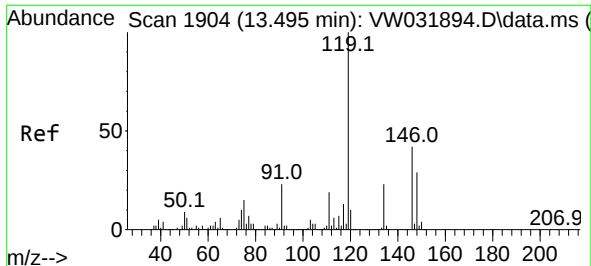
Ion Ratio Lower Upper

119 100

134 25.4 13.0 39.0

91 24.6 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 56.472 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032004.D

Acq: 05 Aug 2025 09:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

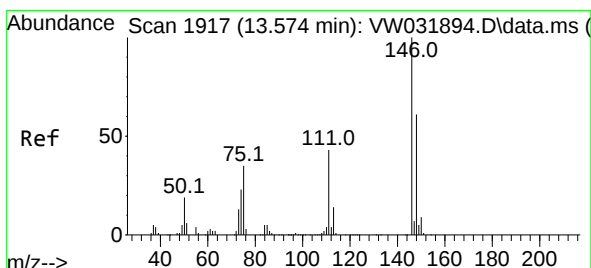
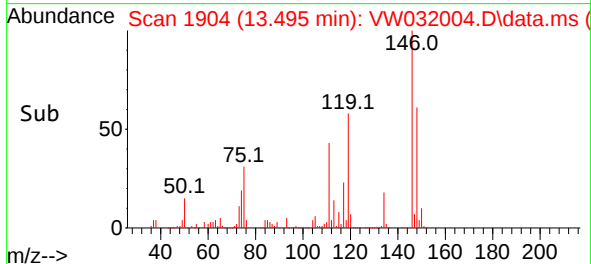
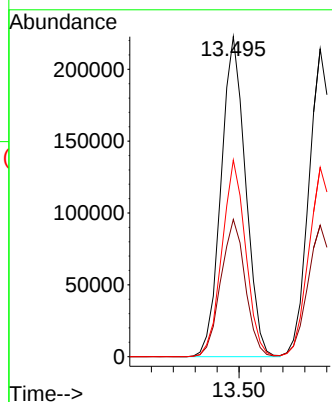
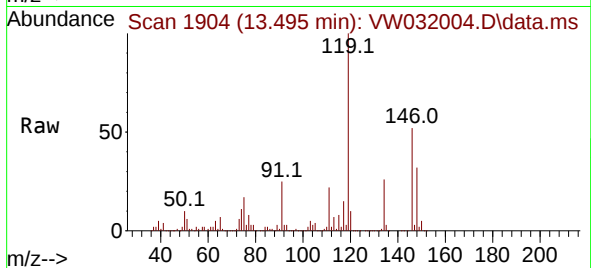
Tgt Ion:146 Resp: 345960

Ion Ratio Lower Upper

146 100

111 42.7 21.9 65.7

148 59.4 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 54.440 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032004.D

Acq: 05 Aug 2025 09:05

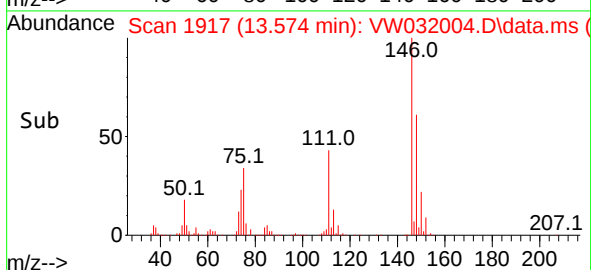
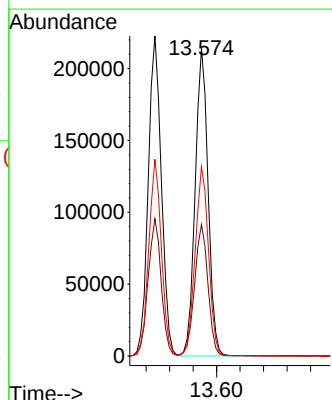
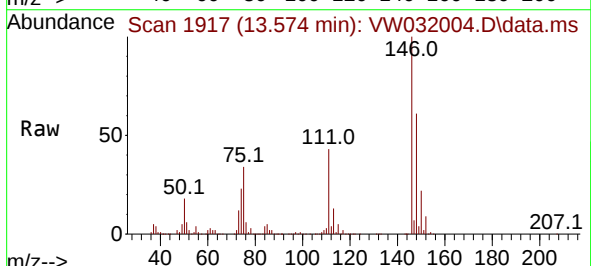
Tgt Ion:146 Resp: 326709

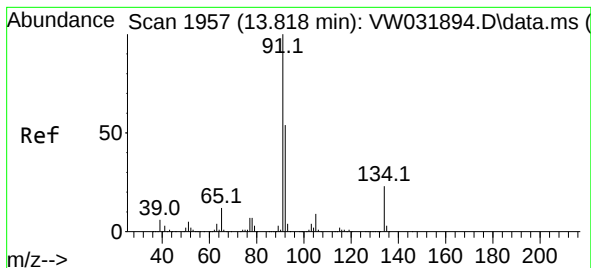
Ion Ratio Lower Upper

146 100

111 43.9 22.1 66.3

148 63.8 31.8 95.3





#89

n-Butylbenzene

Concen: 54.578 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032004.D

Acq: 05 Aug 2025 09:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

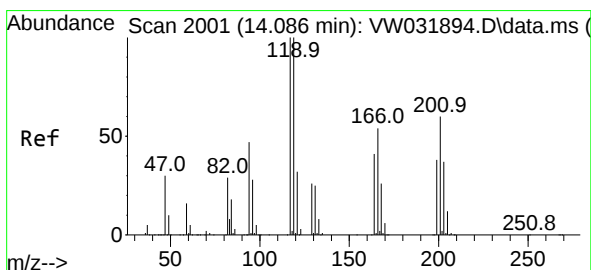
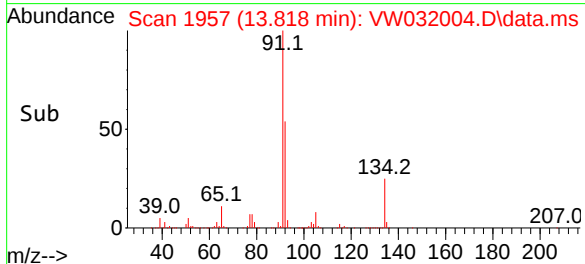
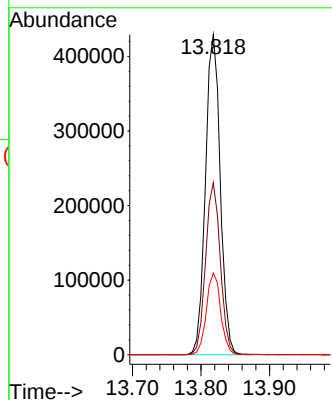
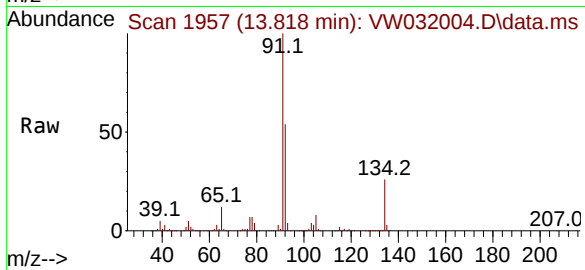
Tgt Ion: 91 Resp: 645781

Ion Ratio Lower Upper

91 100

92 53.4 27.2 81.5

134 24.7 11.6 34.7



#90

Hexachloroethane

Concen: 54.332 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW032004.D

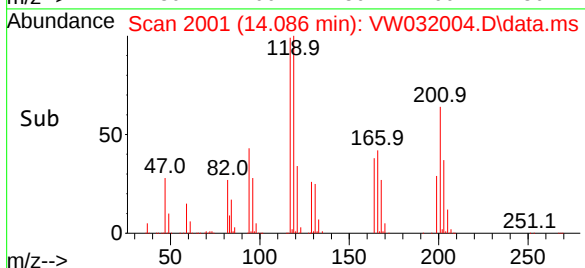
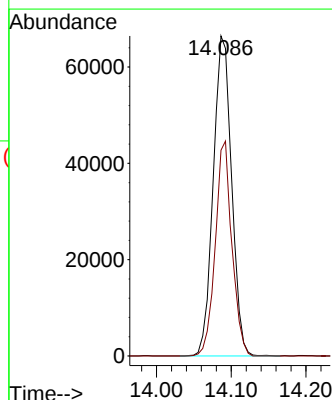
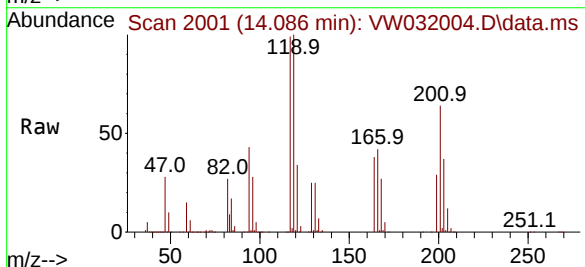
Acq: 05 Aug 2025 09:05

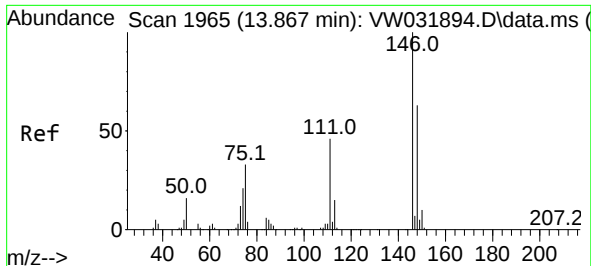
Tgt Ion: 117 Resp: 113320

Ion Ratio Lower Upper

117 100

201 60.8 28.4 85.2





#91

1,2-Dichlorobenzene

Concen: 56.261 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW032004.D

Acq: 05 Aug 2025 09:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

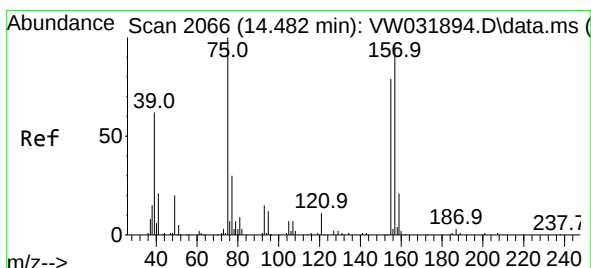
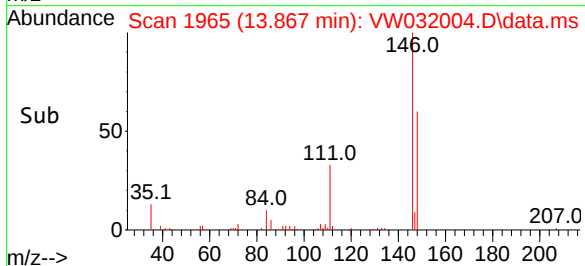
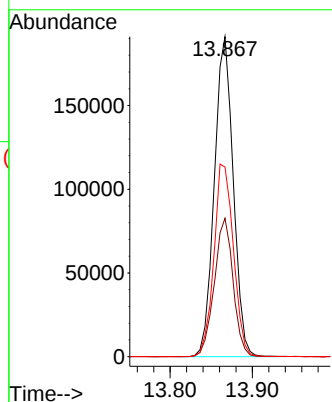
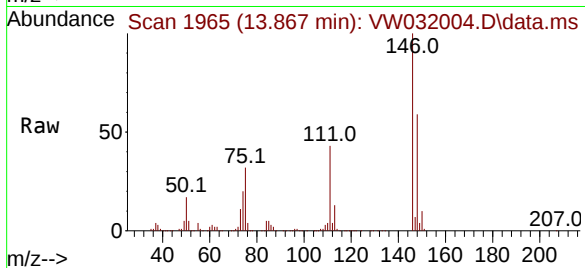
Tgt Ion:146 Resp: 305455

Ion Ratio Lower Upper

146 100

111 43.0 23.6 71.0

148 62.3 32.4 97.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.374 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW032004.D

Acq: 05 Aug 2025 09:05

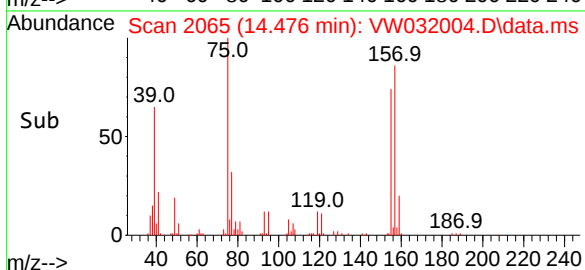
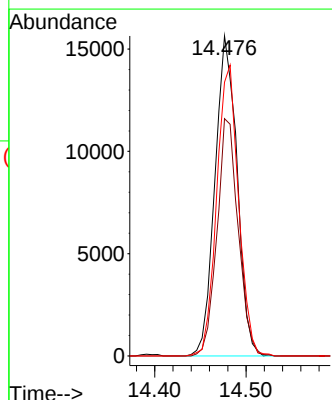
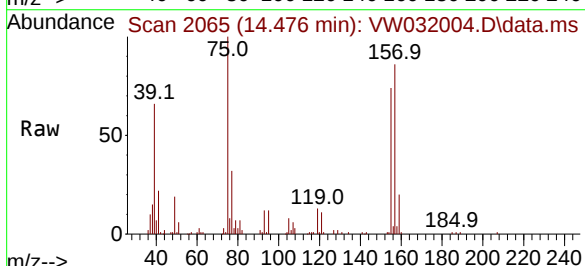
Tgt Ion: 75 Resp: 26276

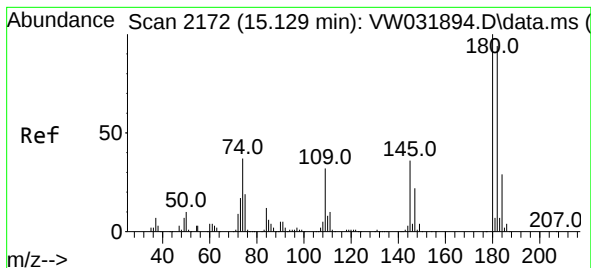
Ion Ratio Lower Upper

75 100

155 71.2 35.9 107.7

157 89.6 47.4 142.2





#93

1,2,4-Trichlorobenzene

Concen: 52.911 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW032004.D

Acq: 05 Aug 2025 09:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

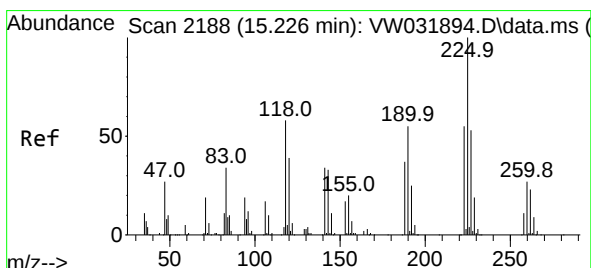
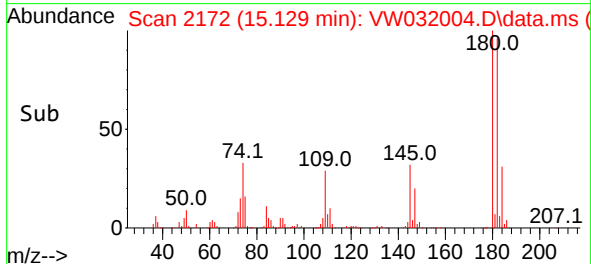
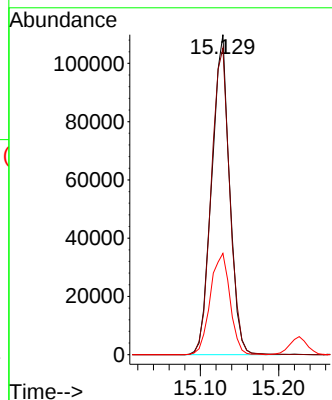
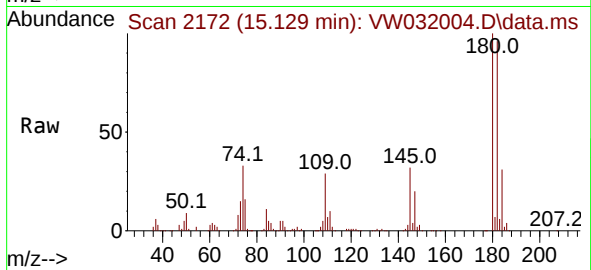
Tgt Ion:180 Resp: 173246

Ion Ratio Lower Upper

180 100

182 99.4 51.0 153.1

145 35.1 18.4 55.4



#94

Hexachlorobutadiene

Concen: 52.424 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW032004.D

Acq: 05 Aug 2025 09:05

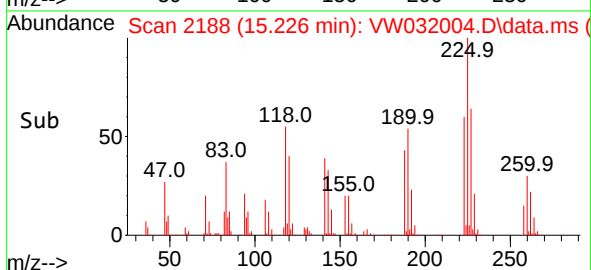
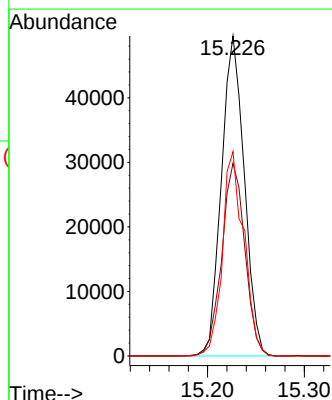
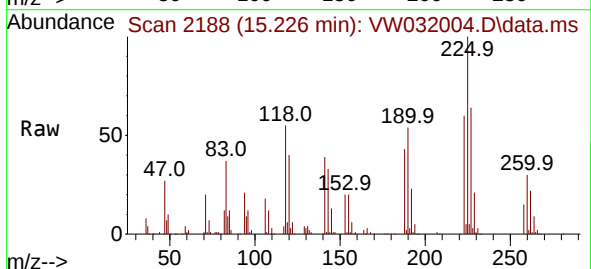
Tgt Ion:225 Resp: 81337

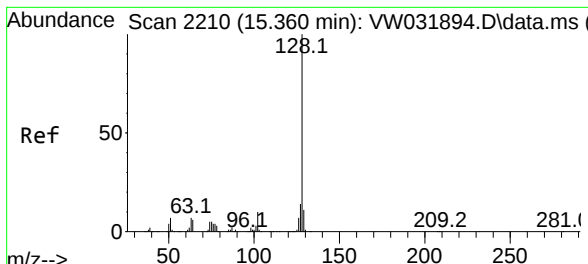
Ion Ratio Lower Upper

225 100

223 60.9 30.9 92.7

227 60.1 30.0 90.1

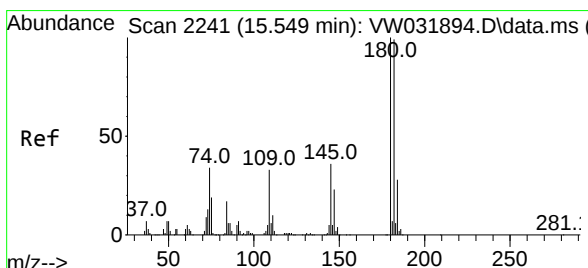
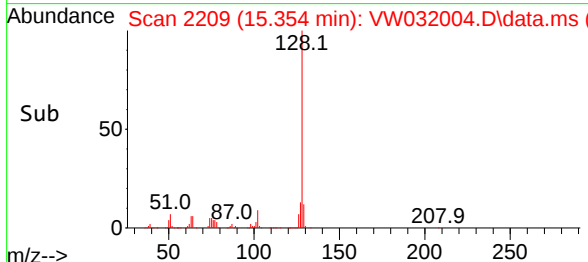
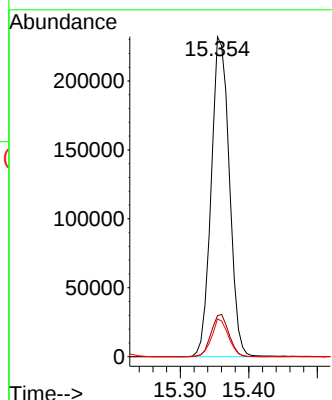
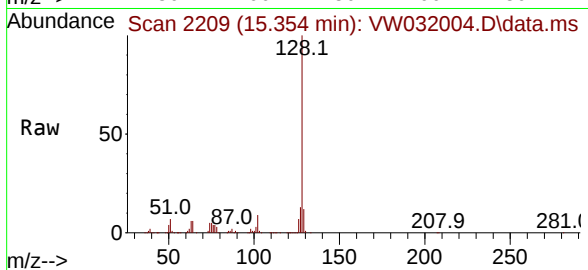




#95
Naphthalene
Concen: 52.897 ug/l
RT: 15.354 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW032004.D
Acq: 05 Aug 2025 09:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 425814
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 11.0 9.2 13.8



#96
1,2,3-Trichlorobenzene
Concen: 54.081 ug/l
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW032004.D
Acq: 05 Aug 2025 09:05

Tgt Ion:180 Resp: 160439
Ion Ratio Lower Upper
180 100
182 97.8 50.4 151.2
145 36.9 18.6 55.8

