

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100725\
 Data File : VW032376.D
 Acq On : 07 Oct 2025 14:57
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 08 03:20:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 02 21:24:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	303563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	547656	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	512983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	244943	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.313	65	221160	49.950	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	99.900%
35) Dibromofluoromethane	7.898	113	178630	50.365	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	100.740%
50) Toluene-d8	10.325	98	690090	52.719	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	105.440%
62) 4-Bromofluorobenzene	12.617	95	260355	52.623	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	105.240%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	98281	51.594	ug/l	96
3) Chloromethane	2.253	50	129213	43.961	ug/l	97
4) Vinyl Chloride	2.405	62	170106	48.476	ug/l	98
5) Bromomethane	2.826	94	120313	46.655	ug/l	98
6) Chloroethane	2.966	64	112072	48.374	ug/l	98
7) Trichlorofluoromethane	3.301	101	119372	45.434	ug/l	97
8) Diethyl Ether	3.722	74	110285	48.441	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.100	101	151542	48.088	ug/l	94
10) Methyl Iodide	4.301	142	227602	50.618	ug/l	97
11) Tert butyl alcohol	5.216	59	67256	200.679	ug/l	98
12) 1,1-Dichloroethene	4.076	96	171120	50.017	ug/l	90
13) Acrolein	3.923	56	73490	135.112	ug/l	99
14) Allyl chloride	4.704	41	276356	47.824	ug/l	91
15) Acrylonitrile	5.399	53	267043	225.463	ug/l	97
16) Acetone	4.155	43	216130	176.291	ug/l	96
17) Carbon Disulfide	4.417	76	447326	47.920	ug/l	99
18) Methyl Acetate	4.704	43	153028	43.573	ug/l	97
19) Methyl tert-butyl Ether	5.460	73	331999	49.270	ug/l	96
20) Methylene Chloride	4.947	84	215855	53.568	ug/l	94
21) trans-1,2-Dichloroethene	5.454	96	186085	49.128	ug/l	96
22) Diisopropyl ether	6.338	45	584291	48.619	ug/l	95
23) Vinyl Acetate	6.277	43	1948665	242.762	ug/l	99
24) 1,1-Dichloroethane	6.240	63	356820	48.871	ug/l	99
25) 2-Butanone	7.191	43	343236	205.564	ug/l	98
26) 2,2-Dichloropropane	7.185	77	181532	48.607	ug/l	99
27) cis-1,2-Dichloroethene	7.185	96	226034	49.673	ug/l	96
28) Bromochloromethane	7.526	49	163354	47.554	ug/l	89
29) Tetrahydrofuran	7.551	42	233409	222.285	ug/l	95
30) Chloroform	7.691	83	369158	49.855	ug/l	99
31) Cyclohexane	7.971	56	285786	45.849	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	262906	50.105	ug/l	100
36) 1,1-Dichloropropene	8.093	75	253103	50.566	ug/l	98
37) Ethyl Acetate	7.270	43	147865	44.382	ug/l	99
38) Carbon Tetrachloride	8.081	117	241141	51.196	ug/l	99
39) Methylcyclohexane	9.337	83	312440	51.749	ug/l	94
40) Benzene	8.331	78	788190	50.238	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	91332	50.867	ug/l	88
42) 1,2-Dichloroethane	8.410	62	254031	49.484	ug/l	100
43) Isopropyl Acetate	8.435	43	279749	47.333	ug/l	99
44) Trichloroethene	9.099	130	186425	50.746	ug/l	92
45) 1,2-Dichloropropane	9.374	63	193507	49.413	ug/l	99
46) Dibromomethane	9.465	93	118532	49.223	ug/l	94
47) Bromodichloromethane	9.648	83	282698	51.327	ug/l	99
48) Methyl methacrylate	9.441	41	136033	47.339	ug/l	92
49) 1,4-Dioxane	9.459	88	30477	925.961	ug/l #	88
51) 4-Methyl-2-Pentanone	10.209	43	785256	229.390	ug/l	100
52) Toluene	10.386	92	500295	51.205	ug/l	96
53) t-1,3-Dichloropropene	10.605	75	268909	50.324	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	314831	51.150	ug/l	96
55) 1,1,2-Trichloroethane	10.788	97	158892	49.369	ug/l	98
56) Ethyl methacrylate	10.648	69	226024	50.174	ug/l	94
57) 1,3-Dichloropropane	10.934	76	281596	49.539	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	630696	263.069	ug/l	96
59) 2-Hexanone	10.965	43	539088	223.283	ug/l	99
60) Dibromochloromethane	11.129	129	182171	49.849	ug/l	95
61) 1,2-Dibromoethane	11.233	107	153764	48.997	ug/l	99
64) Tetrachloroethene	10.867	164	145660	47.453	ug/l	98
65) Chlorobenzene	11.654	112	537778	47.646	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.727	131	175951	50.050	ug/l	99
67) Ethyl Benzene	11.727	91	966272	51.360	ug/l	98
68) m/p-Xylenes	11.836	106	733991	101.173	ug/l	98
69) o-Xylene	12.166	106	351817	51.856	ug/l	99
70) Styrene	12.178	104	601725	50.798	ug/l	99
71) Bromoform	12.349	173	94228	46.762	ug/l #	99
73) Isopropylbenzene	12.458	105	892253	53.244	ug/l	100
74) N-amyl acetate	12.269	43	264041	49.390	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	191118	45.931	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	246462	76.462	ug/l	46
77) Bromobenzene	12.745	156	201282	49.827	ug/l	89
78) n-propylbenzene	12.800	91	1086421	51.900	ug/l	96
79) 2-Chlorotoluene	12.891	91	655787	51.237	ug/l	97
80) 1,3,5-Trimethylbenzene	12.940	105	752718	51.946	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.507	75	63709	50.070	ug/l	89
82) 4-Chlorotoluene	12.983	91	685288	50.360	ug/l	100
83) tert-Butylbenzene	13.202	119	625078	52.574	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	754395	51.200	ug/l	99
85) sec-Butylbenzene	13.379	105	941222	51.803	ug/l	99
86) p-Isopropyltoluene	13.495	119	792932	52.596	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	404922	49.502	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	387551	47.383	ug/l	99
89) n-Butylbenzene	13.818	91	786064	53.403	ug/l	98
90) Hexachloroethane	14.086	117	137220	50.780	ug/l	94
91) 1,2-Dichlorobenzene	13.867	146	362598	49.038	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.476	75	32972	45.259	ug/l	92
93) 1,2,4-Trichlorobenzene	15.129	180	223189	50.337	ug/l	95
94) Hexachlorobutadiene	15.226	225	99798	49.230	ug/l	96
95) Naphthalene	15.360	128	547435	51.412	ug/l	100
96) 1,2,3-Trichlorobenzene	15.549	180	199664	47.776	ug/l	96

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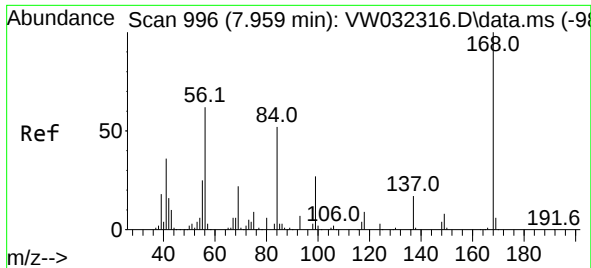
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QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration

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

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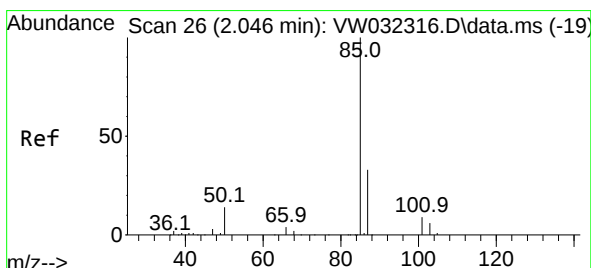
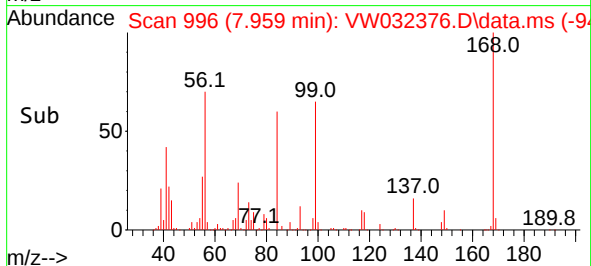
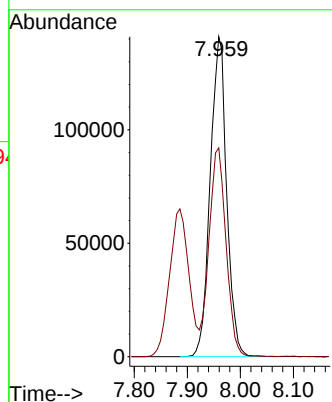
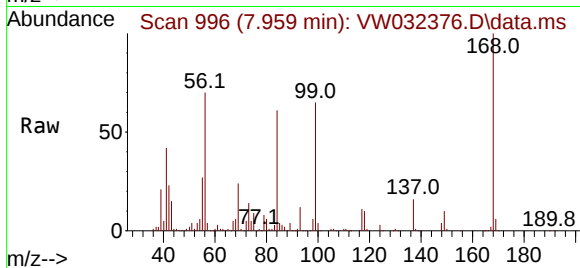




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032376.D
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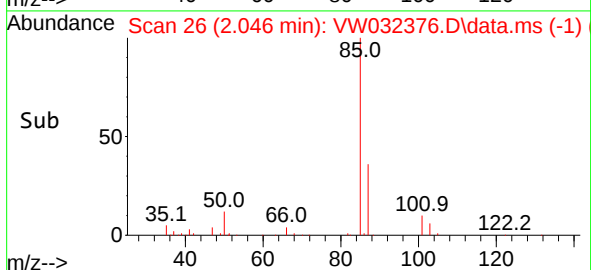
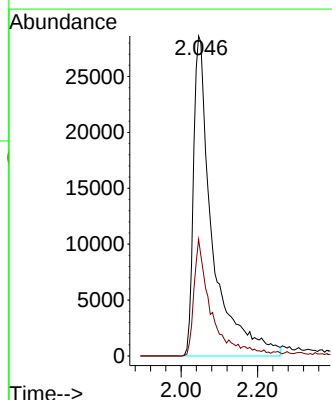
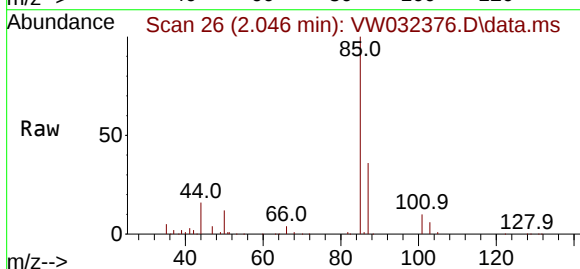
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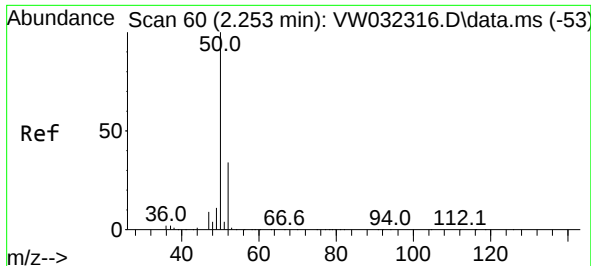
Tgt Ion:168 Resp: 303563
Ion Ratio Lower Upper
168 100
99 65.1 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 51.594 ug/l
RT: 2.046 min Scan# 26
Delta R.T. -0.000 min
Lab File: VW032376.D
Acq: 07 Oct 2025 14:57

Tgt Ion: 85 Resp: 98281
Ion Ratio Lower Upper
85 100
87 36.4 17.2 51.6

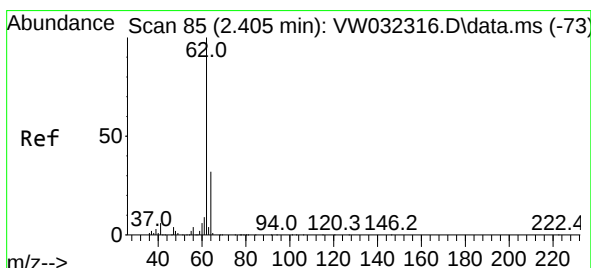
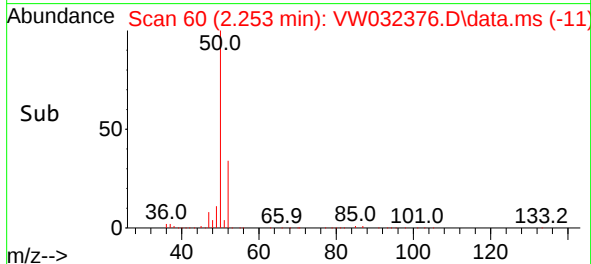
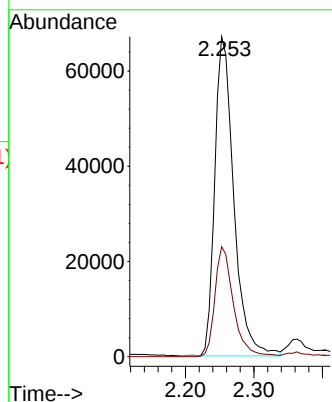
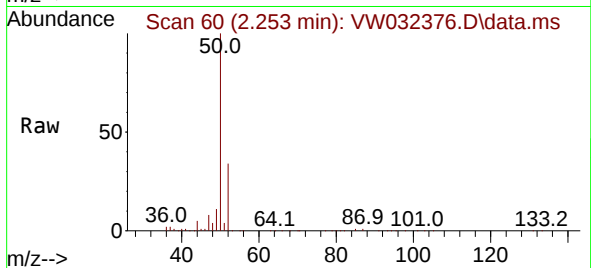




#3
Chloromethane
Concen: 43.961 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.000 min
Lab File: VW032376.D
Acq: 07 Oct 2025 14:57

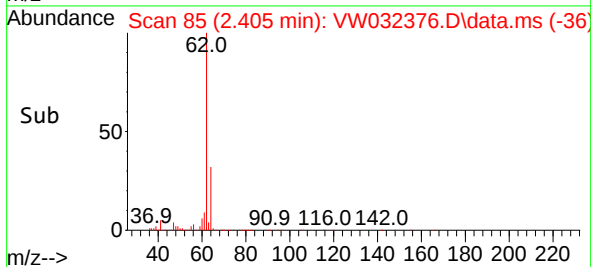
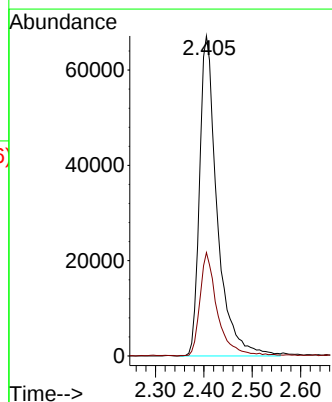
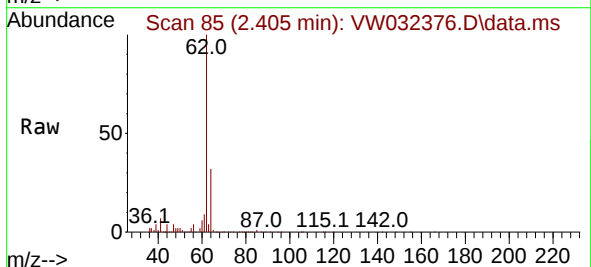
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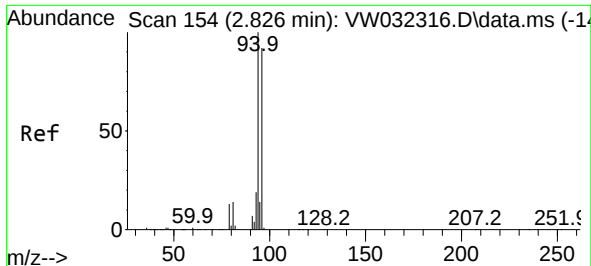
Tgt Ion: 50 Resp: 129213
Ion Ratio Lower Upper
50 100
52 34.4 26.1 39.1



#4
Vinyl Chloride
Concen: 48.476 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032376.D
Acq: 07 Oct 2025 14:57

Tgt Ion: 62 Resp: 170106
Ion Ratio Lower Upper
62 100
64 32.2 24.8 37.2

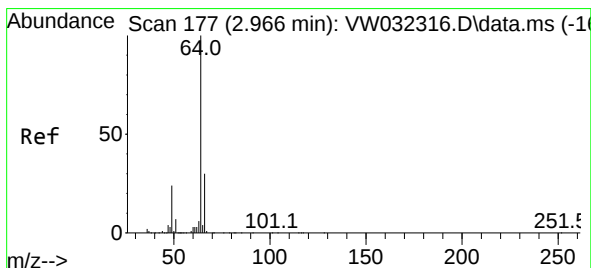
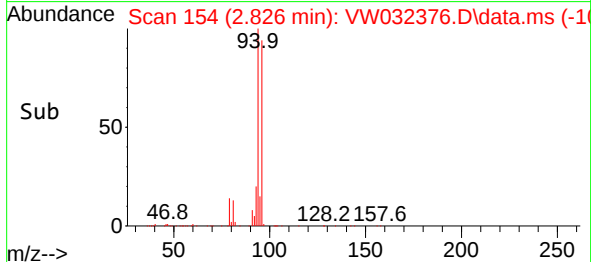
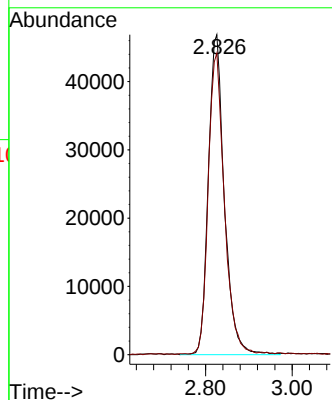
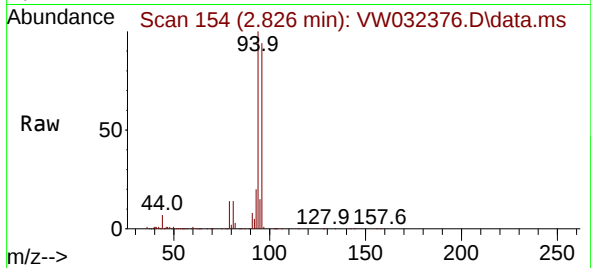




#5
Bromomethane
Concen: 46.655 ug/l
RT: 2.826 min Scan# 154
Delta R.T. -0.000 min
Lab File: VW032376.D
Acq: 07 Oct 2025 14:57

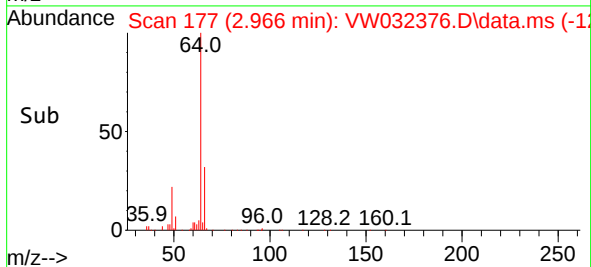
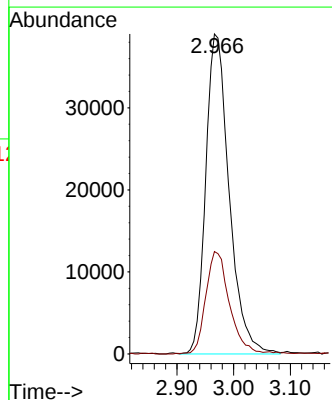
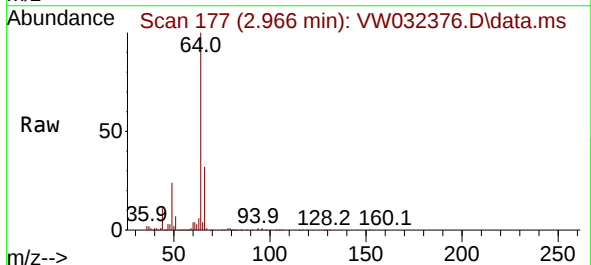
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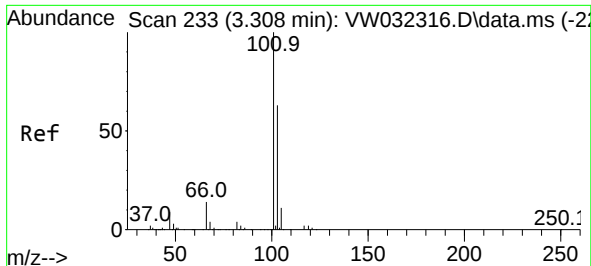
Tgt Ion: 94 Resp: 120313
Ion Ratio Lower Upper
94 100
96 93.9 76.6 115.0



#6
Chloroethane
Concen: 48.374 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032376.D
Acq: 07 Oct 2025 14:57

Tgt Ion: 64 Resp: 112072
Ion Ratio Lower Upper
64 100
66 31.8 26.2 39.4

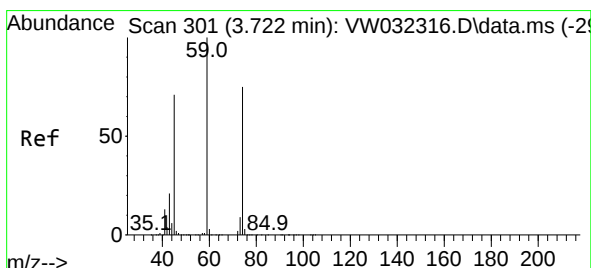
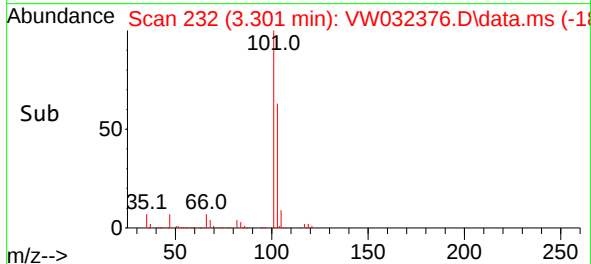
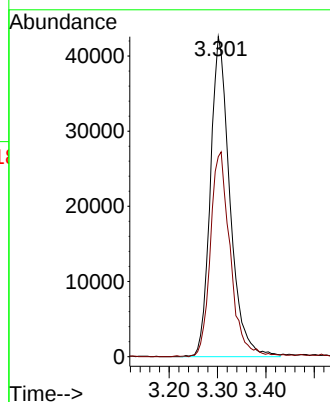
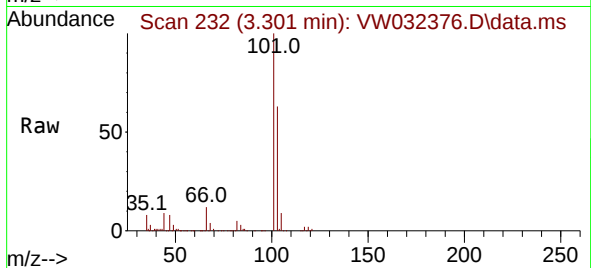




#7
 Trichlorofluoromethane
 Concen: 45.434 ug/l
 RT: 3.301 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW032376.D
 Acq: 07 Oct 2025 14:57

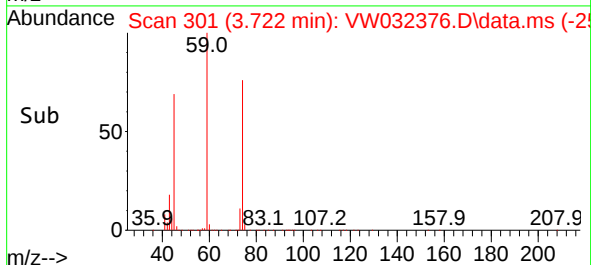
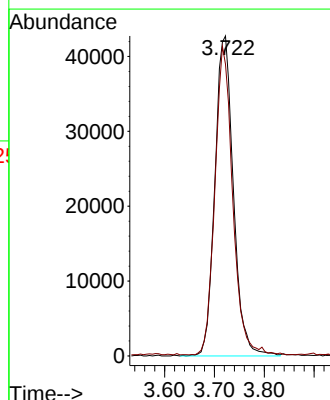
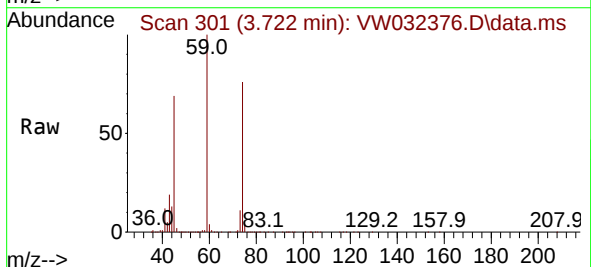
Instrument :
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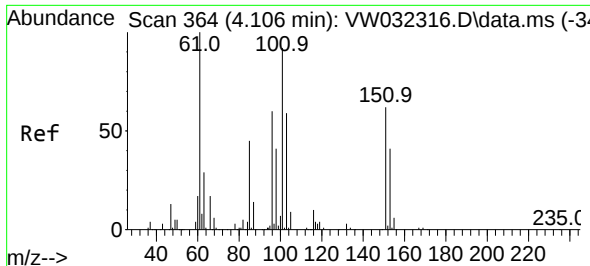
Tgt Ion:101 Resp: 119372
 Ion Ratio Lower Upper
 101 100
 103 62.4 47.8 71.8



#8
 Diethyl Ether
 Concen: 48.441 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.006 min
 Lab File: VW032376.D
 Acq: 07 Oct 2025 14:57

Tgt Ion: 74 Resp: 110285
 Ion Ratio Lower Upper
 74 100
 45 92.9 43.1 129.4

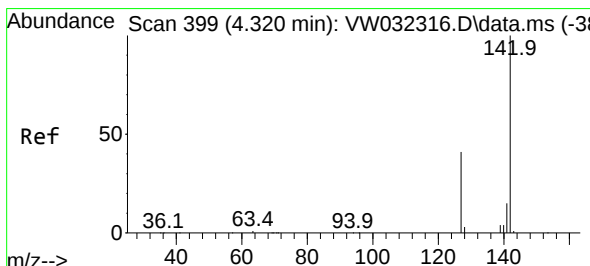
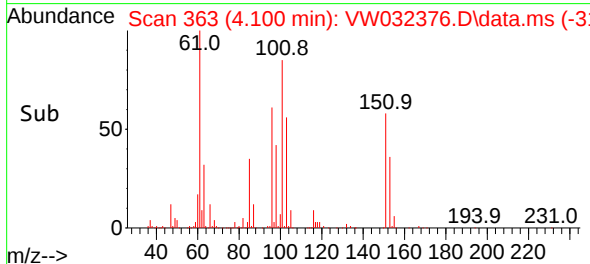
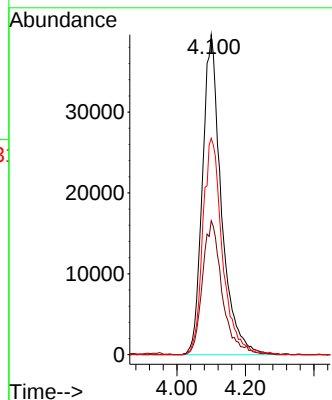
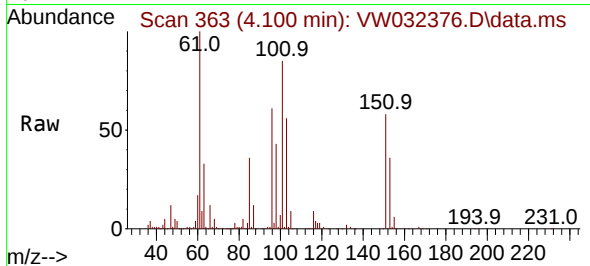




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.088 ug/l
RT: 4.100 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW032376.D
Acq: 07 Oct 2025 14:57

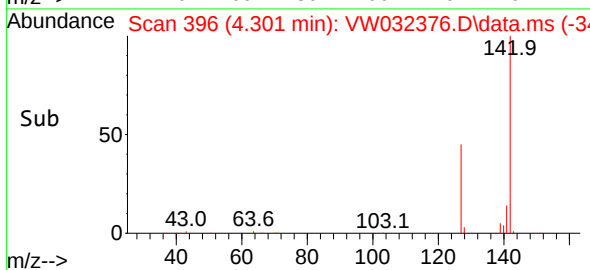
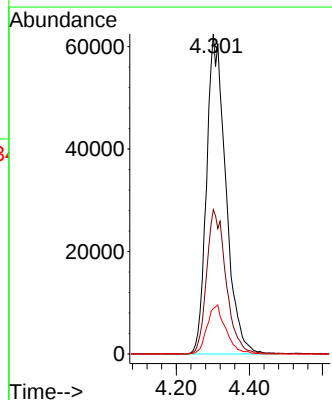
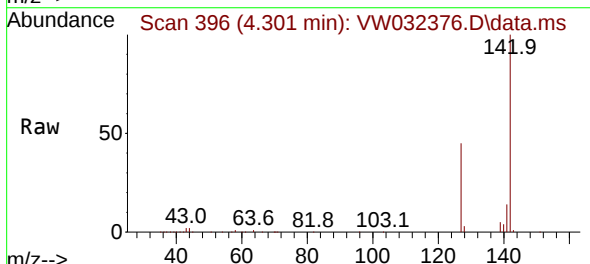
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

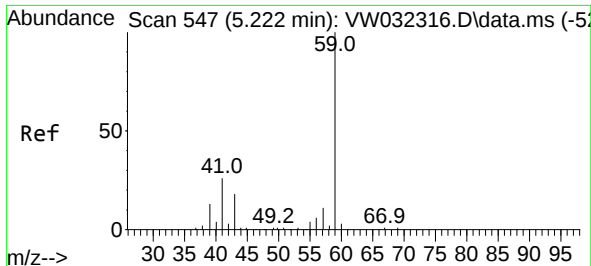
Tgt Ion:101 Resp: 151542
Ion Ratio Lower Upper
101 100
85 43.7 37.1 55.7
151 70.5 61.5 92.3



#10
Methyl Iodide
Concen: 50.618 ug/l
RT: 4.301 min Scan# 396
Delta R.T. -0.012 min
Lab File: VW032376.D
Acq: 07 Oct 2025 14:57

Tgt Ion:142 Resp: 227602
Ion Ratio Lower Upper
142 100
127 45.5 38.2 57.2
141 14.9 12.2 18.2

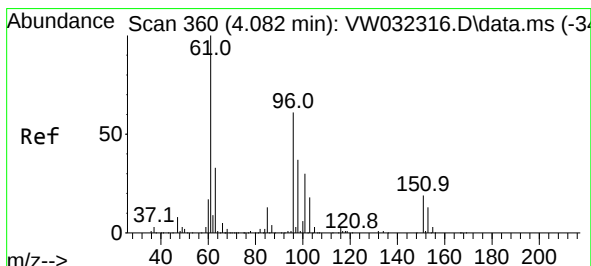
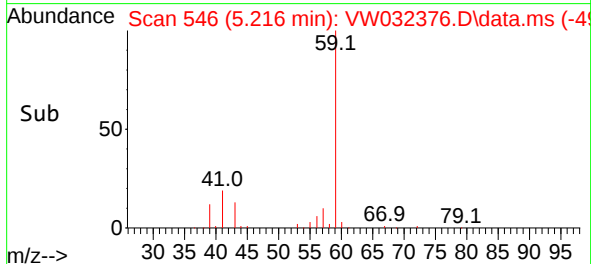
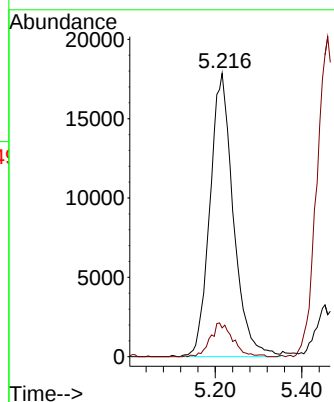
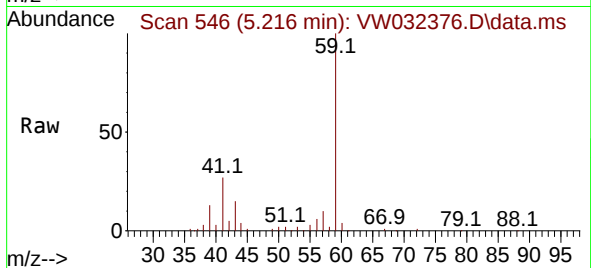




#11
Tert butyl alcohol
Concen: 200.679 ug/l
RT: 5.216 min Scan# 54
Delta R.T. -0.006 min
Lab File: VW032376.D
Acq: 07 Oct 2025 14:57

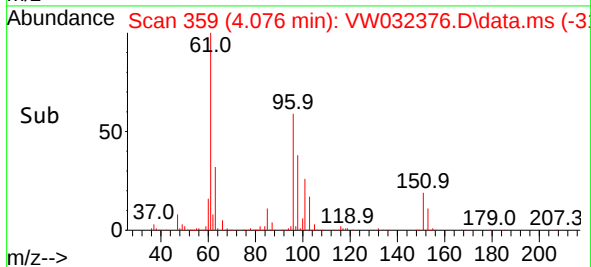
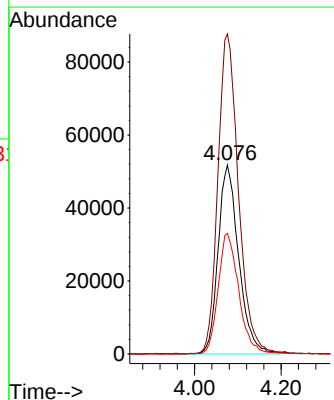
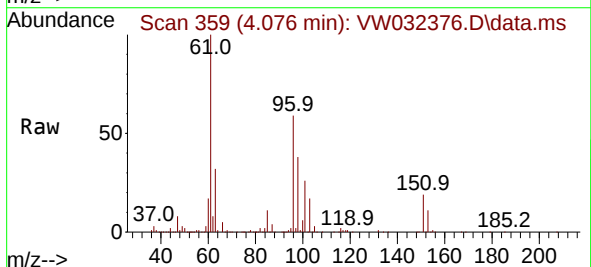
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

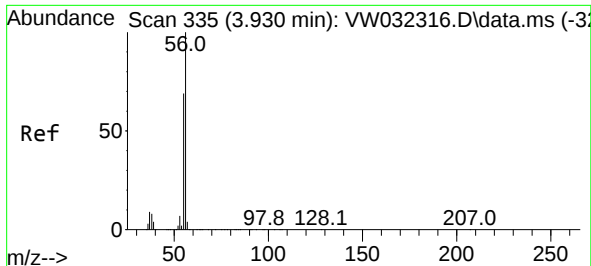
Tgt Ion: 59 Resp: 67256
Ion Ratio Lower Upper
59 100
57 11.3 9.8 14.6



#12
1,1-Dichloroethene
Concen: 50.017 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.000 min
Lab File: VW032376.D
Acq: 07 Oct 2025 14:57

Tgt Ion: 96 Resp: 171120
Ion Ratio Lower Upper
96 100
61 169.4 123.0 184.4
98 63.7 48.5 72.7

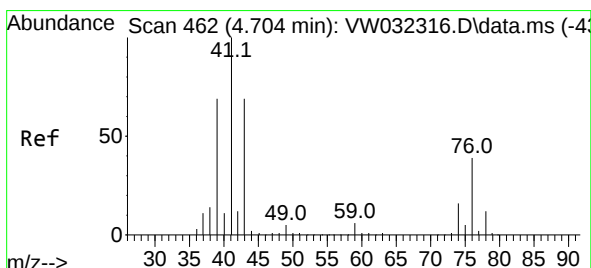
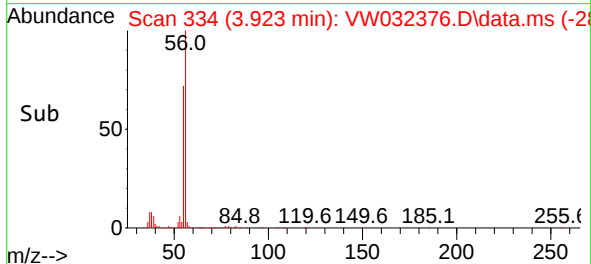
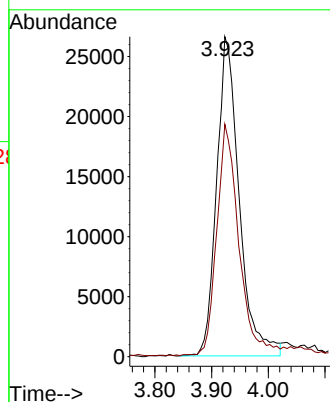
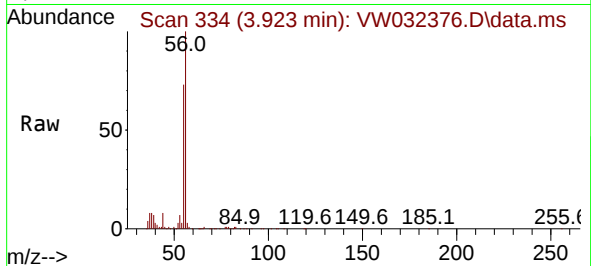




#13
Acrolein
Concen: 135.112 ug/l
RT: 3.923 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW032376.D
Acq: 07 Oct 2025 14:57

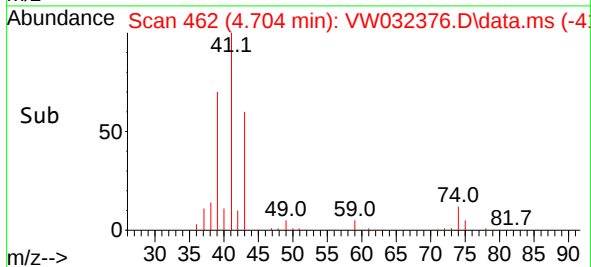
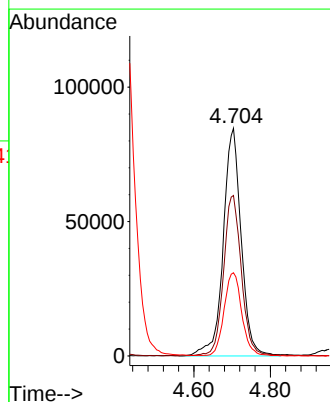
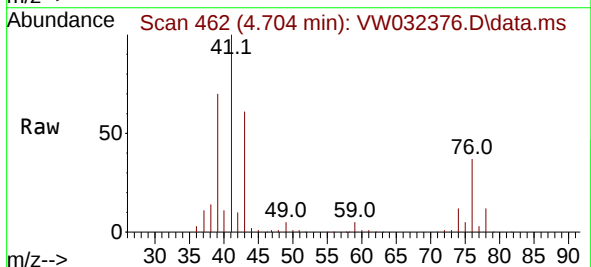
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

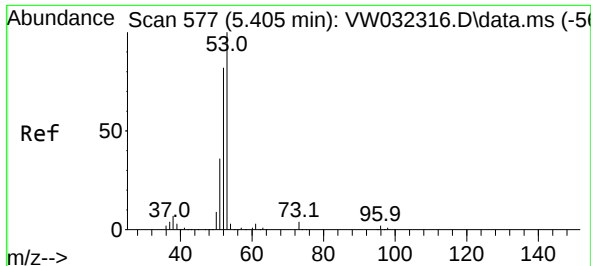
Tgt Ion: 56 Resp: 73490
Ion Ratio Lower Upper
56 100
55 71.1 56.4 84.6



#14
Allyl chloride
Concen: 47.824 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.000 min
Lab File: VW032376.D
Acq: 07 Oct 2025 14:57

Tgt Ion: 41 Resp: 276356
Ion Ratio Lower Upper
41 100
39 70.4 64.1 96.1
76 36.2 31.4 47.2

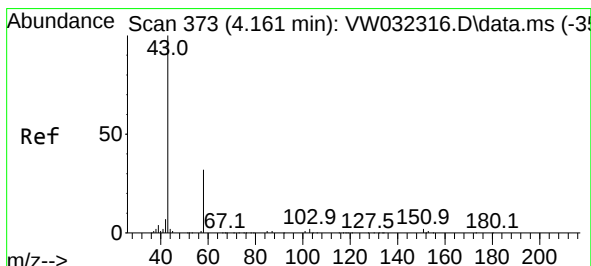
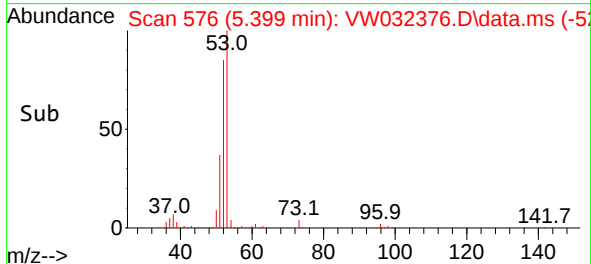
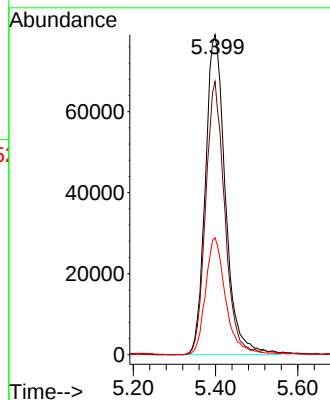
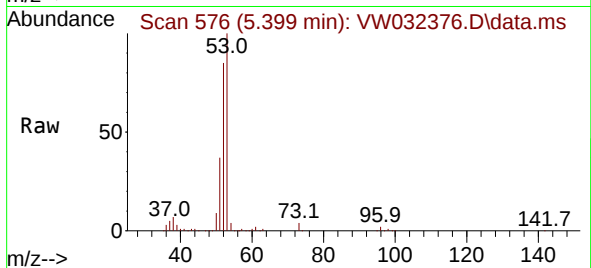




#15
Acrylonitrile
Concen: 225.463 ug/l
RT: 5.399 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032376.D
Acq: 07 Oct 2025 14:57

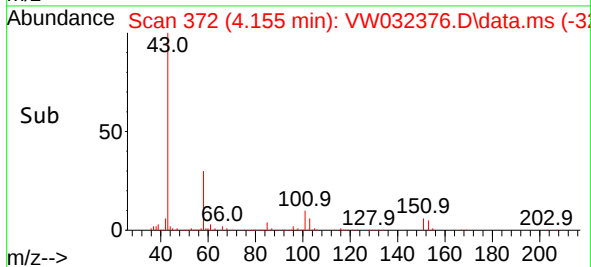
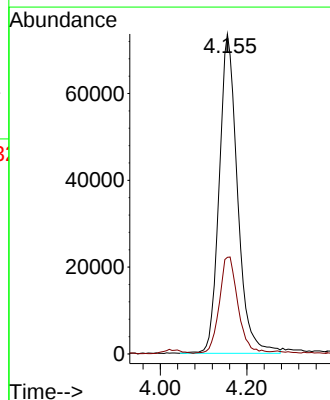
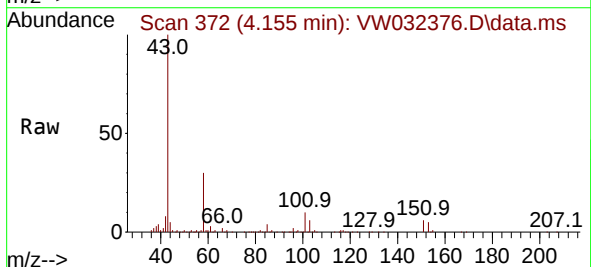
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

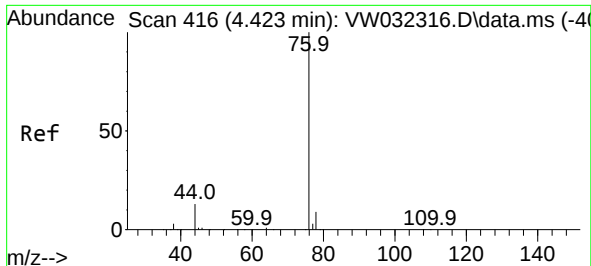
Tgt Ion: 53 Resp: 267043
Ion Ratio Lower Upper
53 100
52 81.3 67.4 101.2
51 37.0 30.3 45.5



#16
Acetone
Concen: 176.291 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.006 min
Lab File: VW032376.D
Acq: 07 Oct 2025 14:57

Tgt Ion: 43 Resp: 216130
Ion Ratio Lower Upper
43 100
58 29.5 25.3 37.9

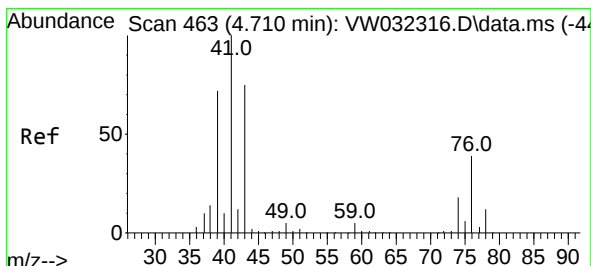
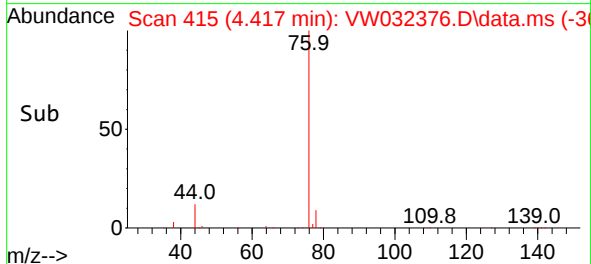
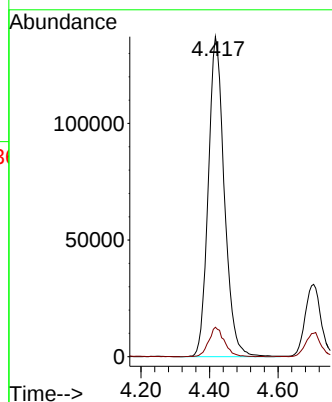
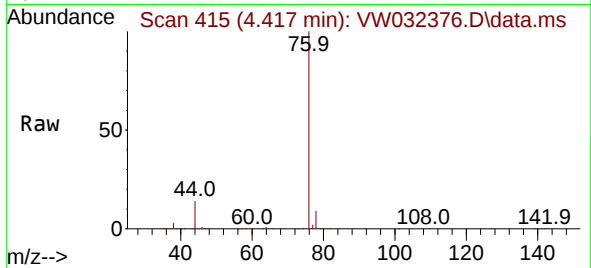




#17
Carbon Disulfide
Concen: 47.920 ug/l
RT: 4.417 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW032376.D
Acq: 07 Oct 2025 14:57

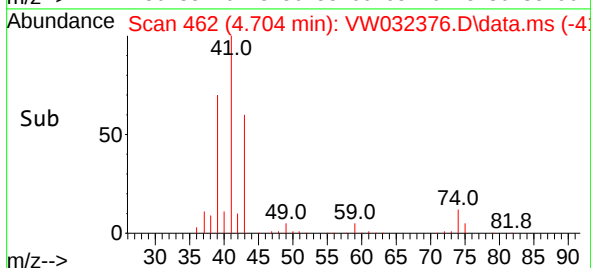
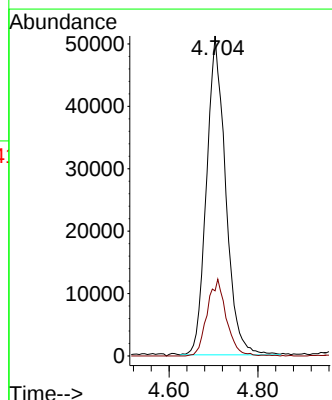
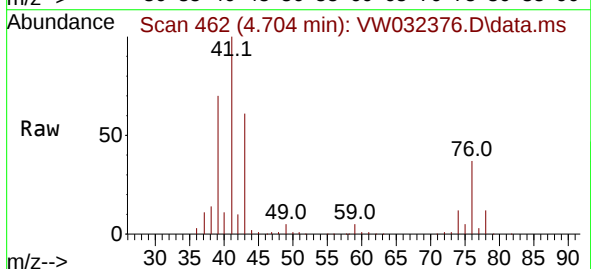
Instrument :
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ClientSampleId :
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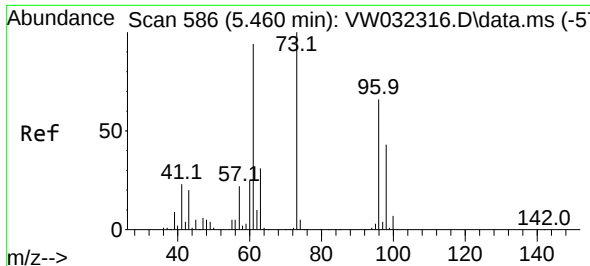
Tgt Ion: 76 Resp: 447326
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#18
Methyl Acetate
Concen: 43.573 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032376.D
Acq: 07 Oct 2025 14:57

Tgt Ion: 43 Resp: 153028
Ion Ratio Lower Upper
43 100
74 24.0 20.2 30.4

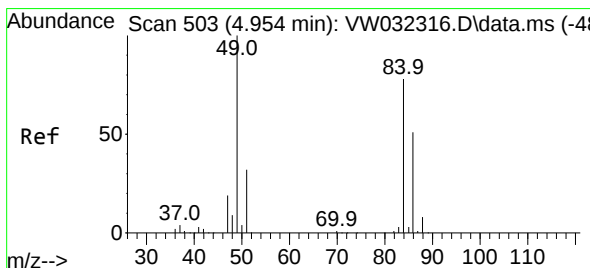
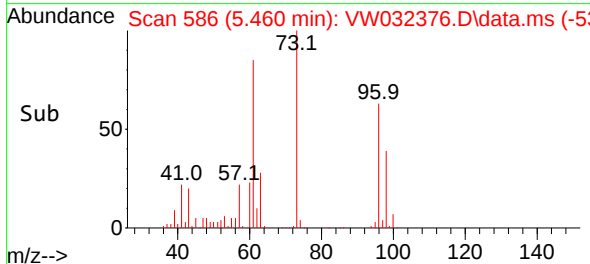
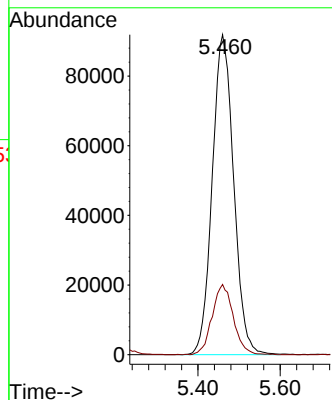
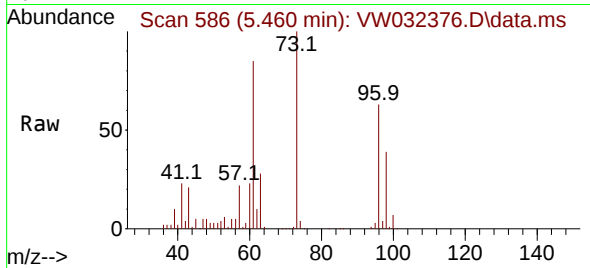




#19
Methyl tert-butyl Ether
Concen: 49.270 ug/l
RT: 5.460 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032376.D
Acq: 07 Oct 2025 14:57

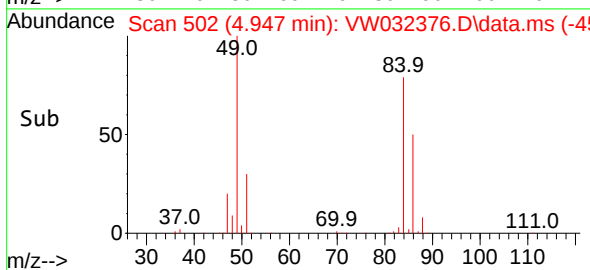
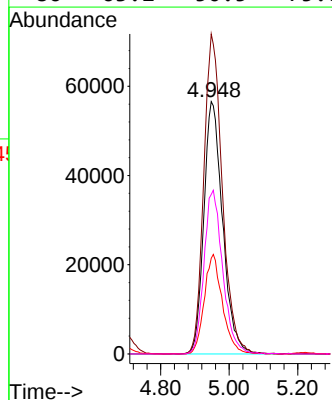
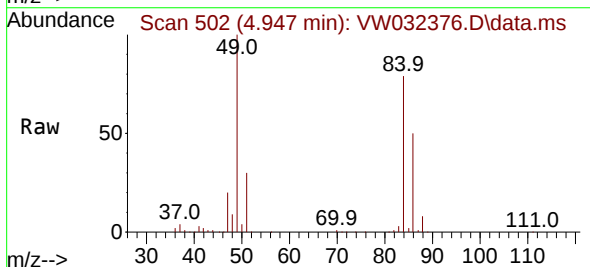
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

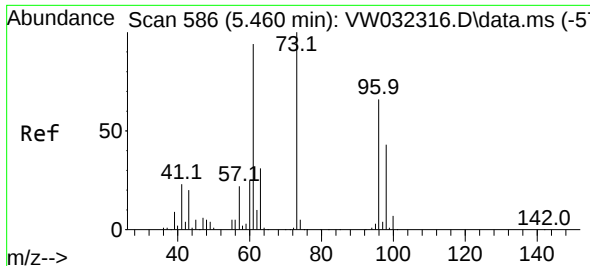
Tgt Ion: 73 Resp: 331999
Ion Ratio Lower Upper
73 100
57 22.0 16.2 24.4



#20
Methylene Chloride
Concen: 53.568 ug/l
RT: 4.947 min Scan# 502
Delta R.T. -0.013 min
Lab File: VW032376.D
Acq: 07 Oct 2025 14:57

Tgt Ion: 84 Resp: 215855
Ion Ratio Lower Upper
84 100
49 126.8 92.2 138.4
51 37.9 31.0 46.6
86 63.2 50.5 75.7

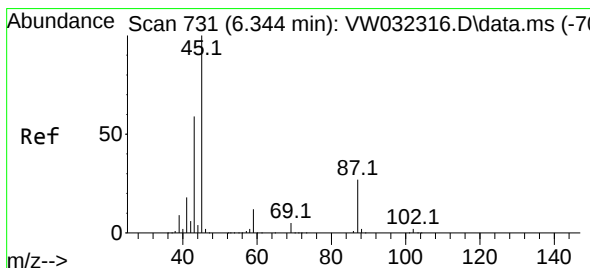
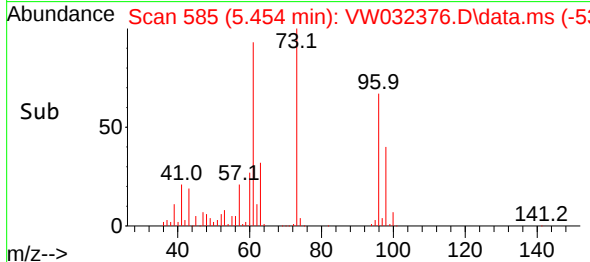
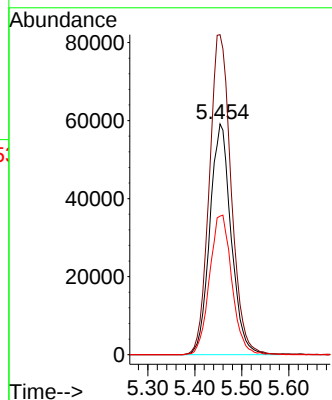
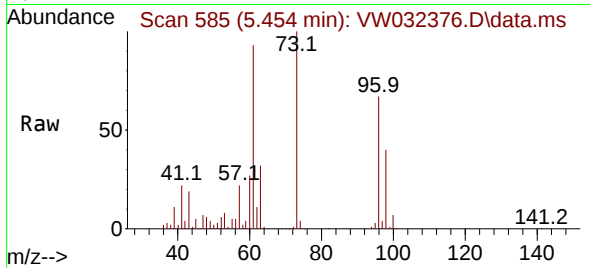




#21
trans-1,2-Dichloroethene
Concen: 49.128 ug/l
RT: 5.454 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032376.D
Acq: 07 Oct 2025 14:57

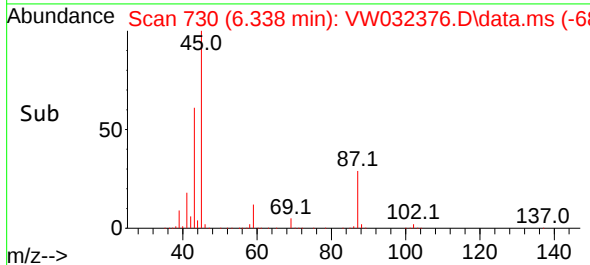
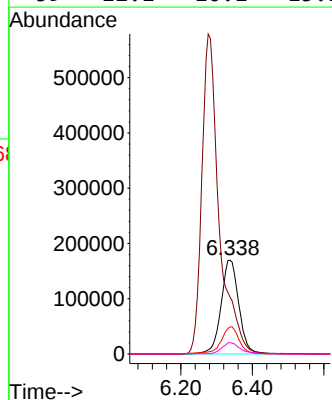
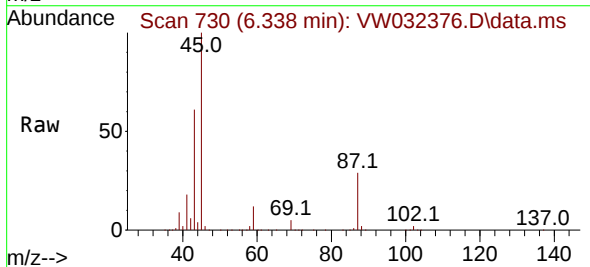
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

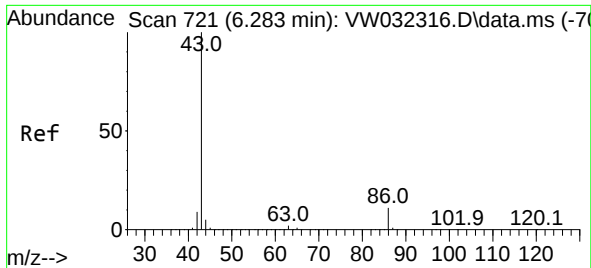
Tgt Ion: 96 Resp: 186085
Ion Ratio Lower Upper
96 100
61 138.7 112.5 168.7
98 60.1 54.2 81.4



#22
Diisopropyl ether
Concen: 48.619 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW032376.D
Acq: 07 Oct 2025 14:57

Tgt Ion: 45 Resp: 584291
Ion Ratio Lower Upper
45 100
43 60.6 51.4 77.2
87 28.8 25.9 38.9
59 12.1 10.1 15.1

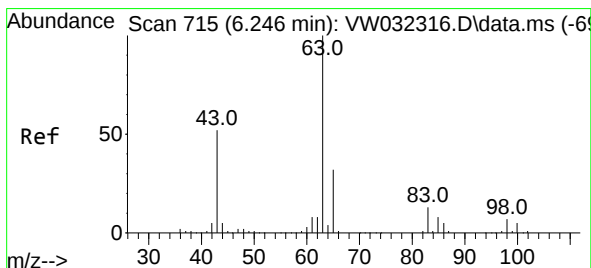
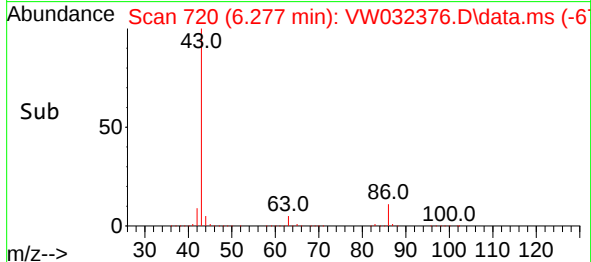
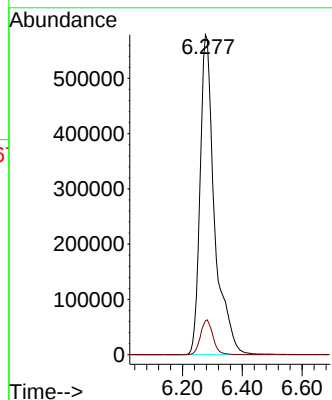
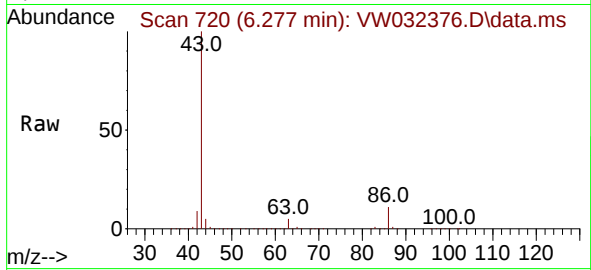




#23
 Vinyl Acetate
 Concen: 242.762 ug/l
 RT: 6.277 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032376.D
 Acq: 07 Oct 2025 14:57

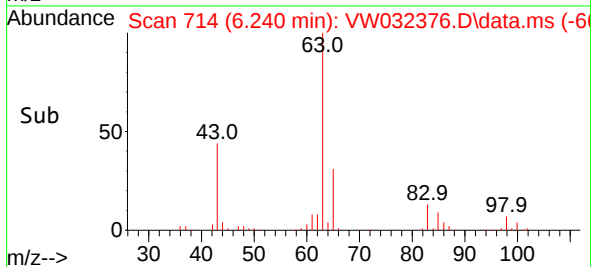
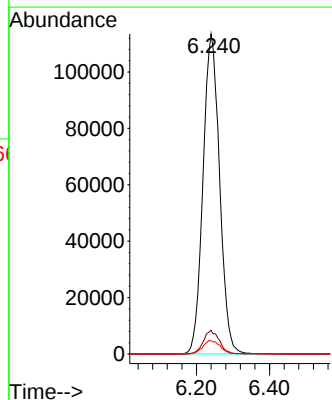
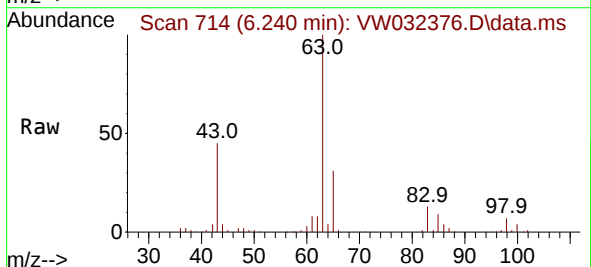
Instrument :
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 ClientSampleId :
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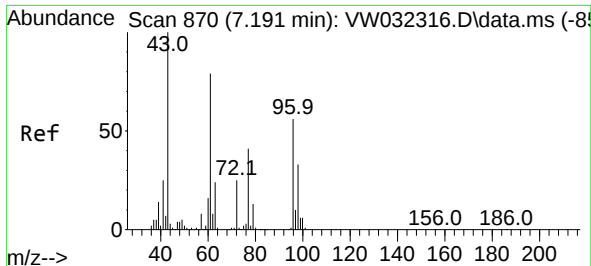
Tgt Ion: 43 Resp: 1948665
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 48.871 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032376.D
 Acq: 07 Oct 2025 14:57

Tgt Ion: 63 Resp: 356820
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.2
 100 4.1 2.5 7.5

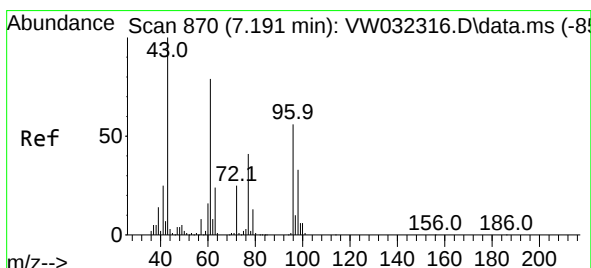
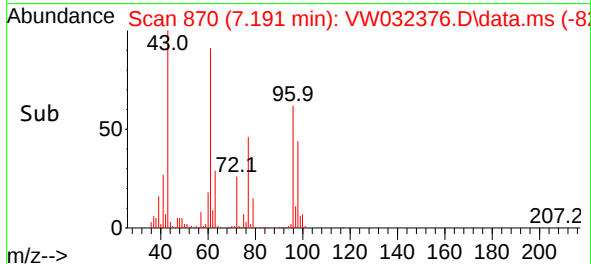
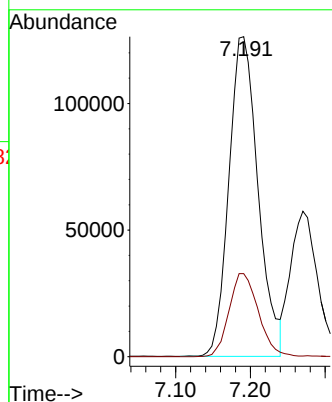
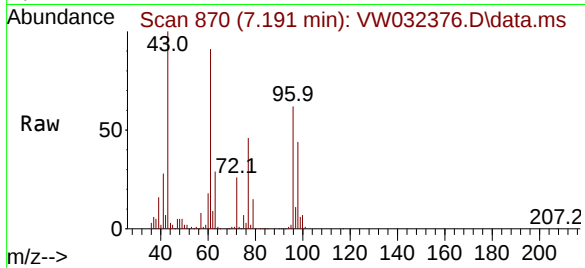




#25
2-Butanone
Concen: 205.564 ug/l
RT: 7.191 min Scan# 81
Delta R.T. -0.000 min
Lab File: VW032376.D
Acq: 07 Oct 2025 14:57

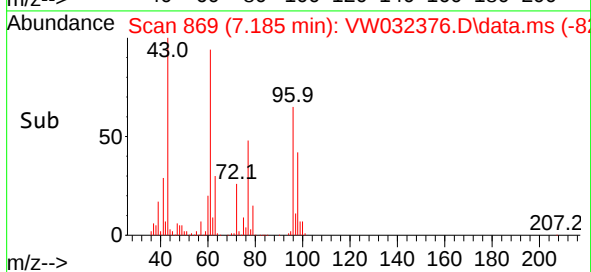
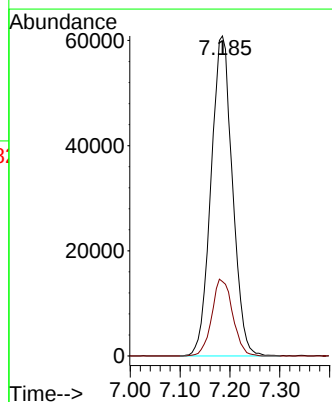
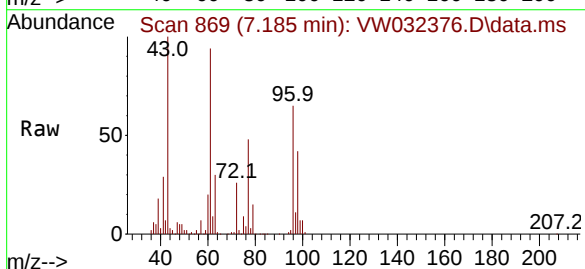
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

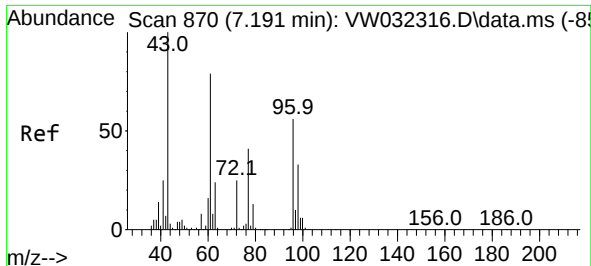
Tgt Ion: 43 Resp: 343236
Ion Ratio Lower Upper
43 100
72 26.0 21.4 32.2



#26
2,2-Dichloropropane
Concen: 48.607 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.000 min
Lab File: VW032376.D
Acq: 07 Oct 2025 14:57

Tgt Ion: 77 Resp: 181532
Ion Ratio Lower Upper
77 100
97 23.3 11.9 35.5

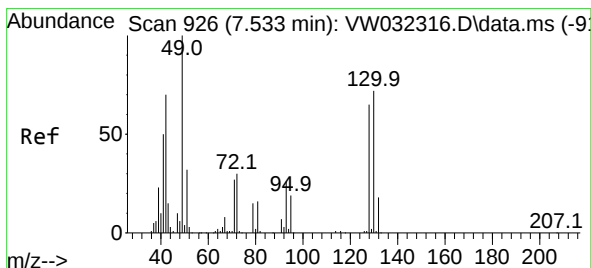
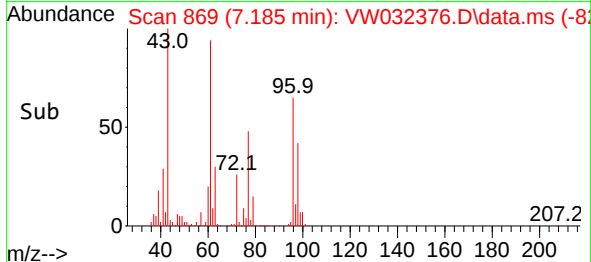
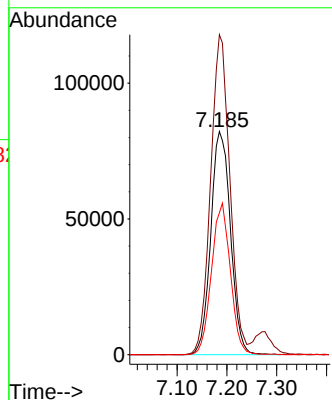
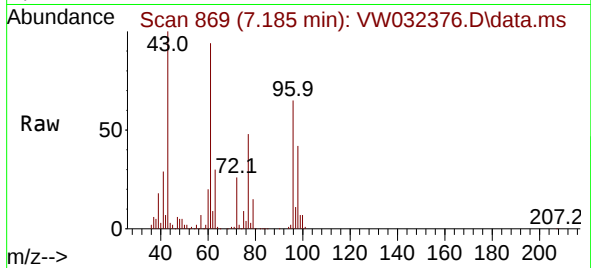




#27
 cis-1,2-Dichloroethene
 Concen: 49.673 ug/l
 RT: 7.185 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VW032376.D
 Acq: 07 Oct 2025 14:57

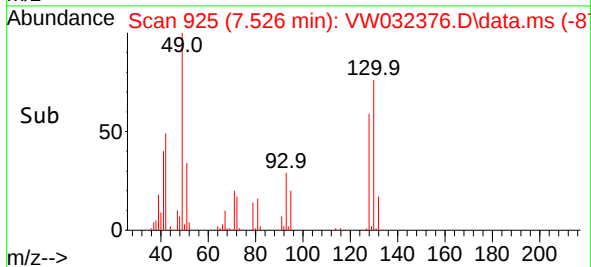
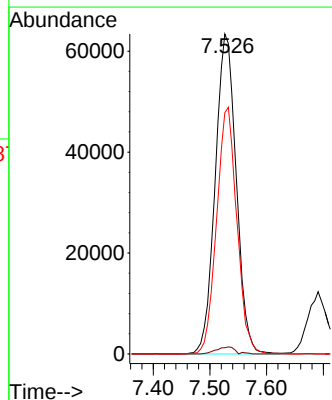
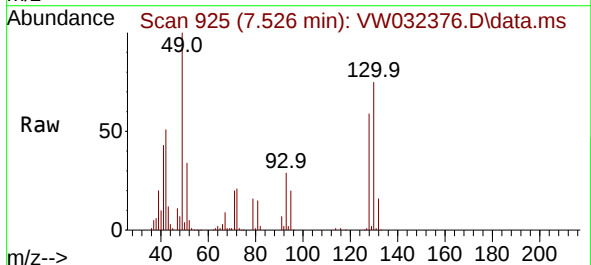
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

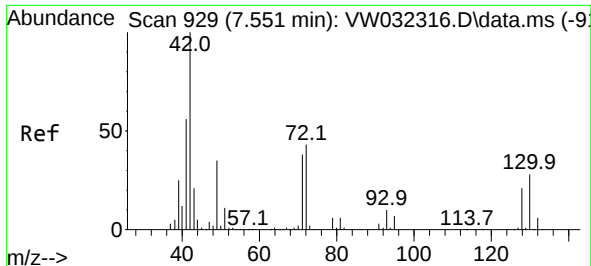
Tgt Ion: 96 Resp: 226034
 Ion Ratio Lower Upper
 96 100
 61 140.2 0.0 268.0
 98 64.8 0.0 130.8



#28
 Bromochloromethane
 Concen: 47.554 ug/l
 RT: 7.526 min Scan# 925
 Delta R.T. -0.006 min
 Lab File: VW032376.D
 Acq: 07 Oct 2025 14:57

Tgt Ion: 49 Resp: 163354
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.2
 130 74.3 67.5 101.3





#29

Tetrahydrofuran

Concen: 222.285 ug/l

RT: 7.551 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW032376.D

Acq: 07 Oct 2025 14:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

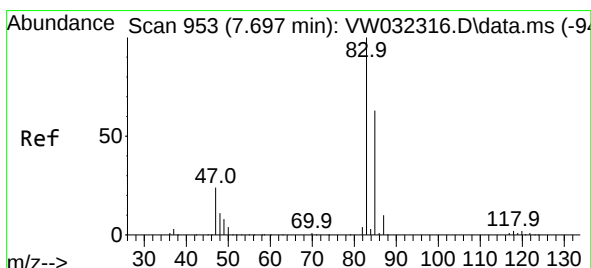
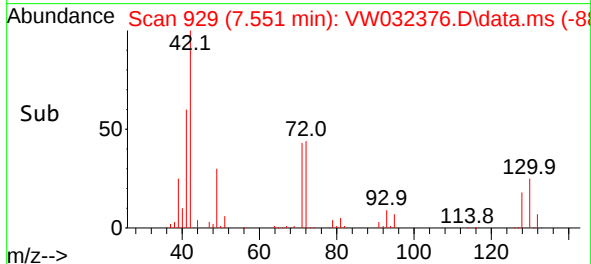
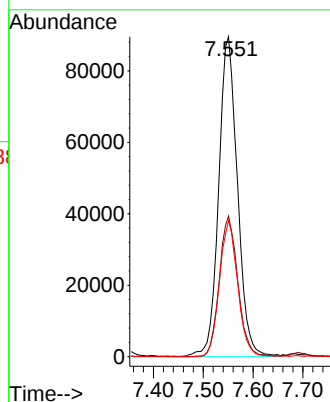
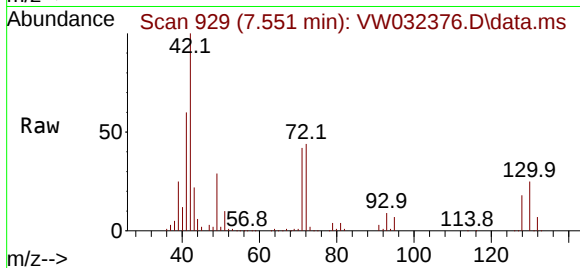
Tgt Ion: 42 Resp: 233409

Ion Ratio Lower Upper

42 100

72 43.6 37.4 56.2

71 41.4 36.0 54.0



#30

Chloroform

Concen: 49.855 ug/l

RT: 7.691 min Scan# 952

Delta R.T. -0.006 min

Lab File: VW032376.D

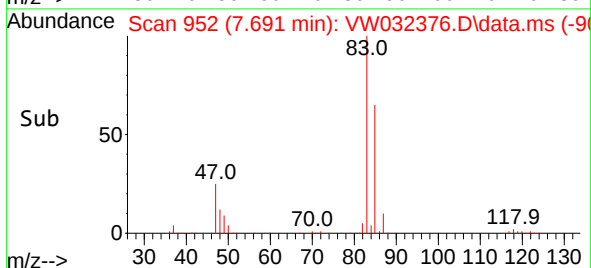
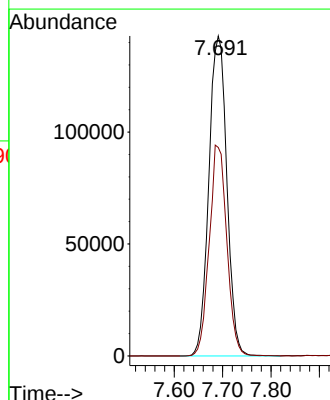
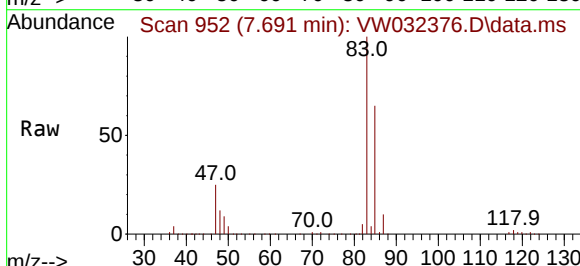
Acq: 07 Oct 2025 14:57

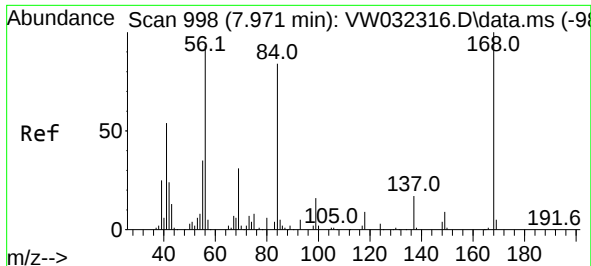
Tgt Ion: 83 Resp: 369158

Ion Ratio Lower Upper

83 100

85 65.2 51.2 76.8

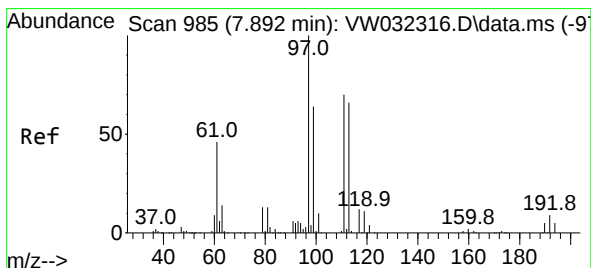
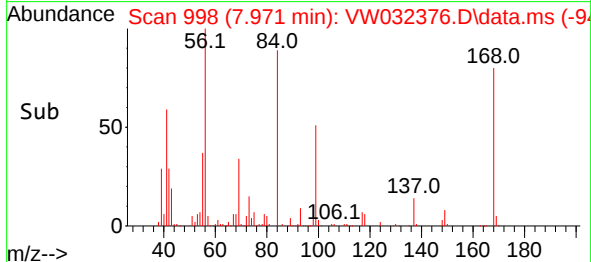
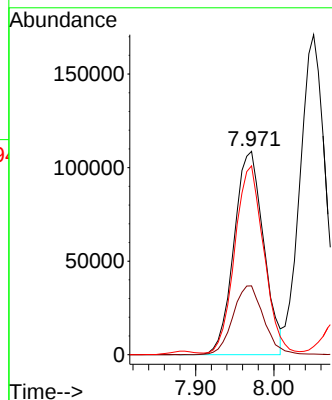
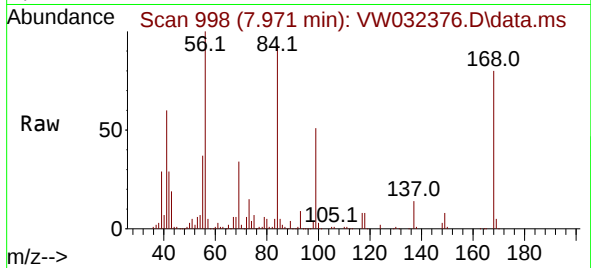




#31
Cyclohexane
Concen: 45.849 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW032376.D
Acq: 07 Oct 2025 14:57

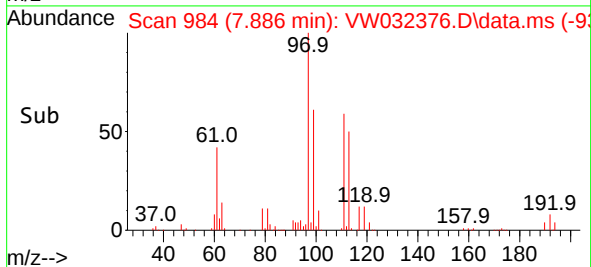
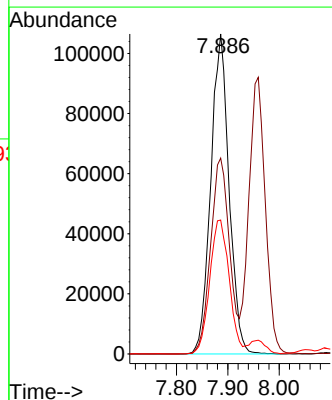
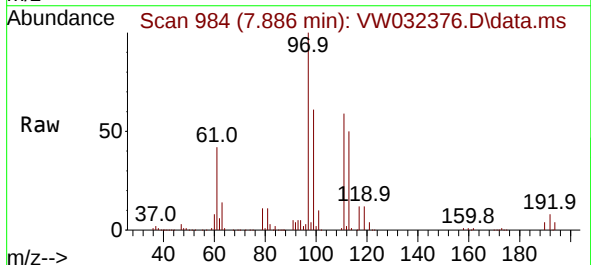
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

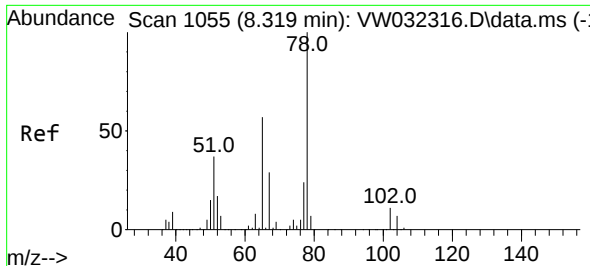
Tgt Ion: 56 Resp: 285786
Ion Ratio Lower Upper
56 100
69 33.9 27.7 41.5
84 91.1 74.6 112.0



#32
1,1,1-Trichloroethane
Concen: 50.105 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032376.D
Acq: 07 Oct 2025 14:57

Tgt Ion: 97 Resp: 262906
Ion Ratio Lower Upper
97 100
99 63.7 50.9 76.3
61 44.9 36.2 54.4

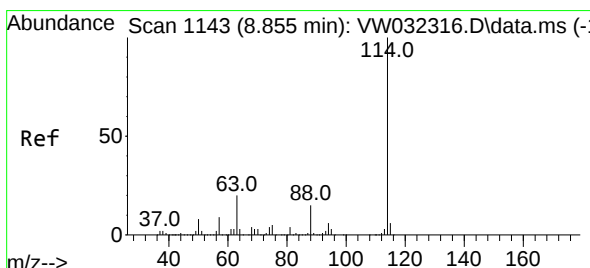
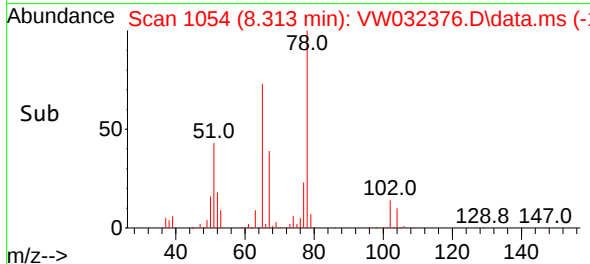
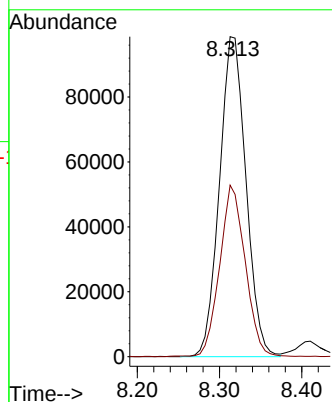
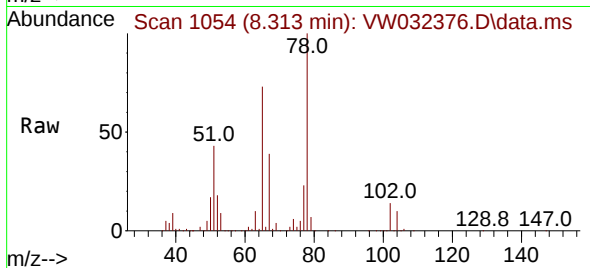




#33
1,2-Dichloroethane-d4
Concen: 49.950 ug/l
RT: 8.313 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VW032376.D
Acq: 07 Oct 2025 14:57

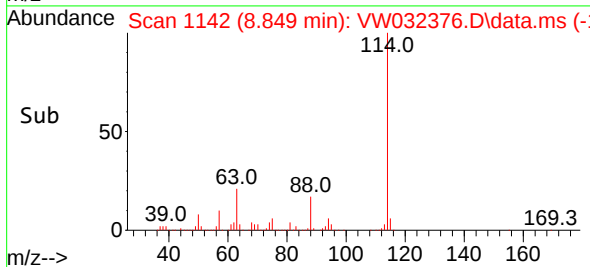
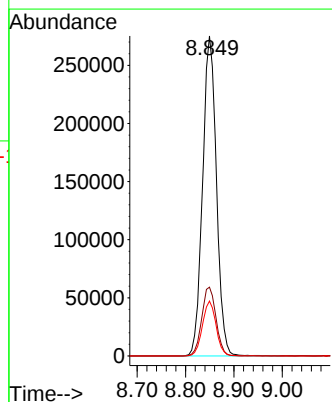
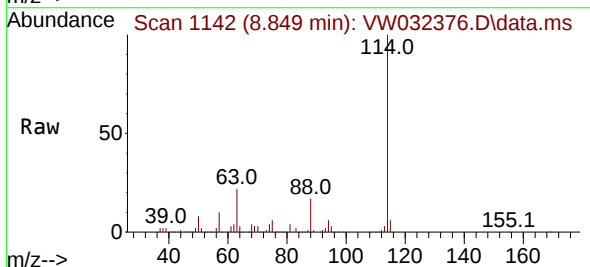
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 221160
Ion Ratio Lower Upper
65 100
67 51.2 0.0 99.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VW032376.D
Acq: 07 Oct 2025 14:57

Tgt Ion: 114 Resp: 547656
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.4
88 17.2 0.0 32.0

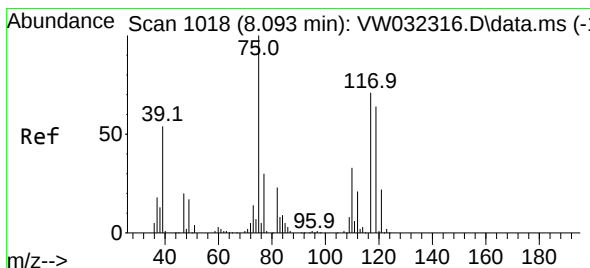
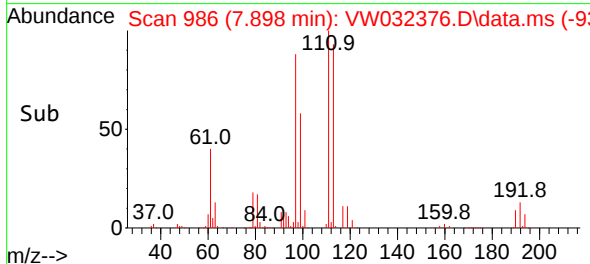
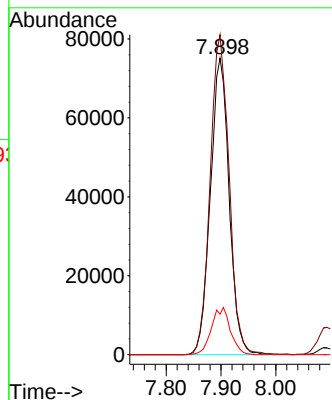
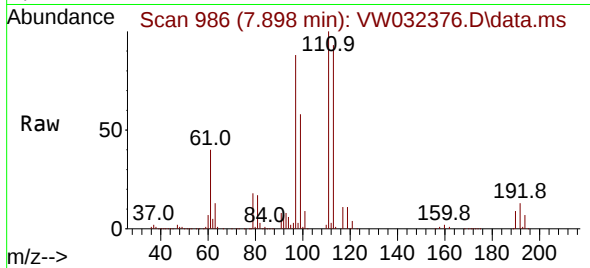




#35
Dibromofluoromethane
Concen: 50.365 ug/l
RT: 7.898 min Scan# 918
Delta R.T. -0.006 min
Lab File: VW032376.D
Acq: 07 Oct 2025 14:57

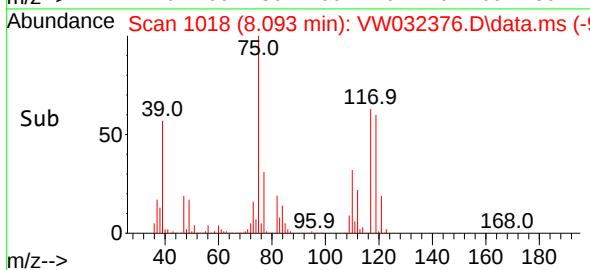
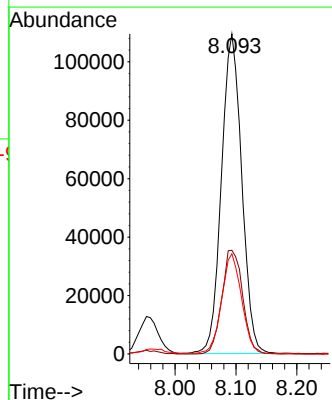
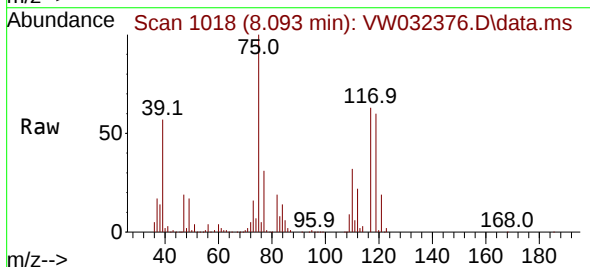
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

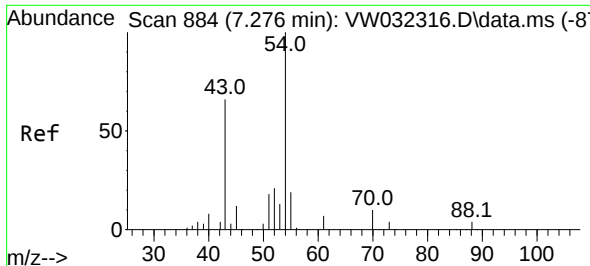
Tgt Ion:113 Resp: 178630
Ion Ratio Lower Upper
113 100
111 108.6 83.9 125.9
192 16.1 14.6 21.8



#36
1,1-Dichloropropene
Concen: 50.566 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VW032376.D
Acq: 07 Oct 2025 14:57

Tgt Ion: 75 Resp: 253103
Ion Ratio Lower Upper
75 100
110 33.4 17.5 52.5
77 30.9 24.1 36.1





#37

Ethyl Acetate

Concen: 44.382 ug/l

RT: 7.270 min Scan# 884

Delta R.T. -0.006 min

Lab File: VW032376.D

Acq: 07 Oct 2025 14:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

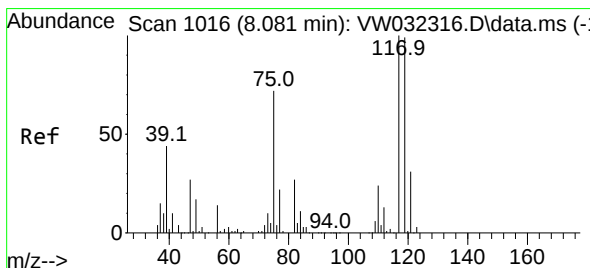
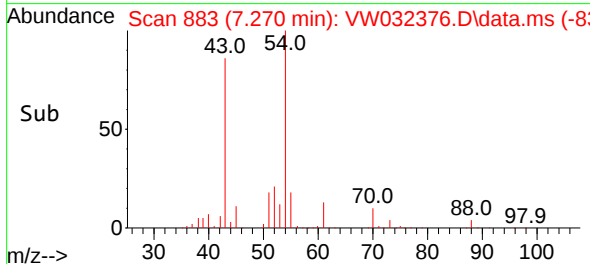
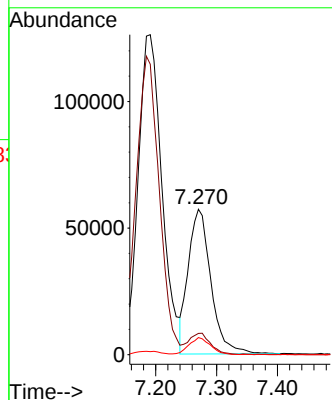
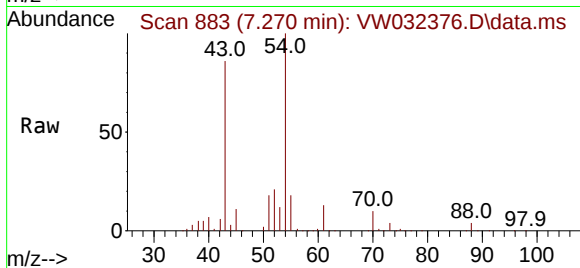
Tgt Ion: 43 Resp: 147865

Ion Ratio Lower Upper

43 100

61 13.3 11.3 16.9

70 11.0 8.9 13.3



#38

Carbon Tetrachloride

Concen: 51.196 ug/l

RT: 8.081 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VW032376.D

Acq: 07 Oct 2025 14:57

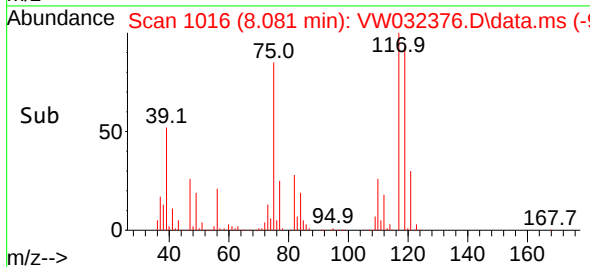
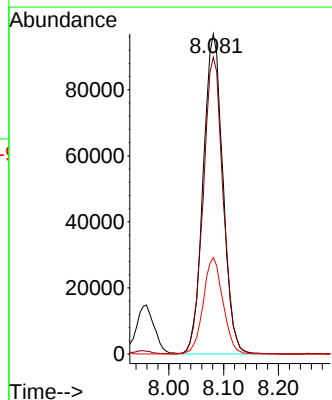
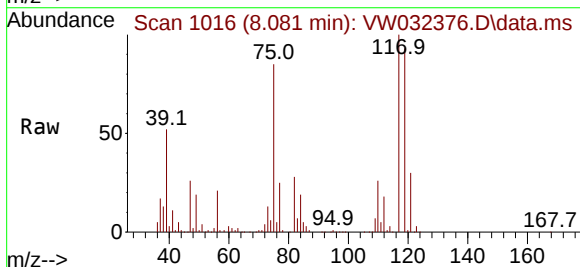
Tgt Ion: 117 Resp: 241141

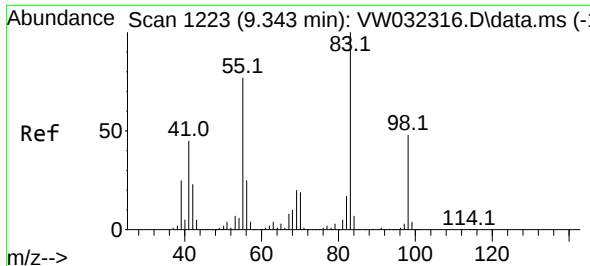
Ion Ratio Lower Upper

117 100

119 92.8 74.2 111.2

121 30.1 25.6 38.4





#39

Methylcyclohexane

Concen: 51.749 ug/l

RT: 9.337 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW032376.D

Acq: 07 Oct 2025 14:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

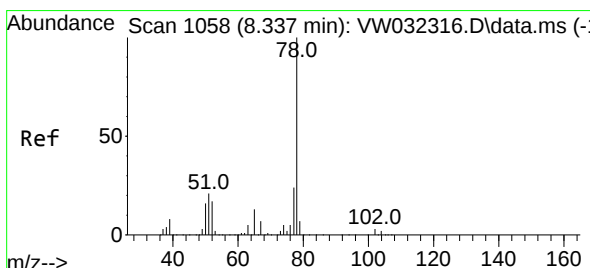
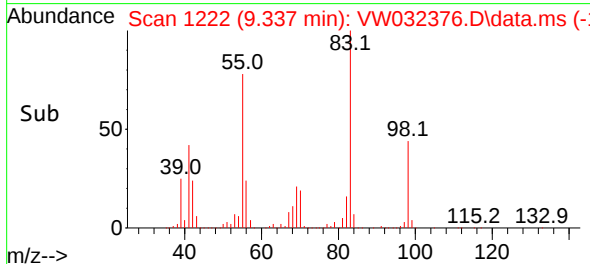
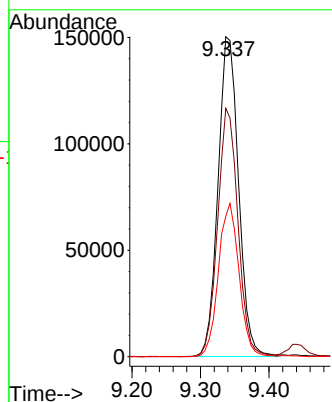
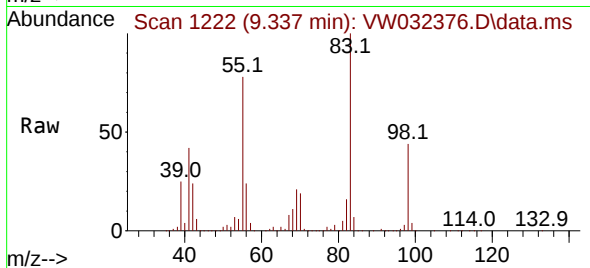
Tgt Ion: 83 Resp: 312440

Ion Ratio Lower Upper

83 100

55 77.6 58.4 87.6

98 43.9 39.4 59.2



#40

Benzene

Concen: 50.238 ug/l

RT: 8.331 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VW032376.D

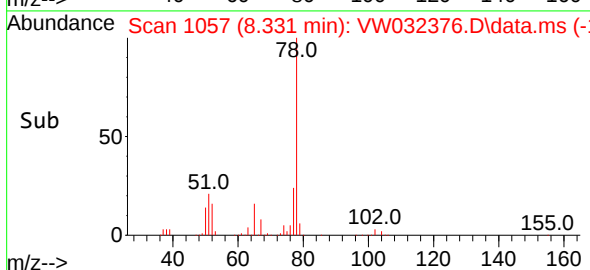
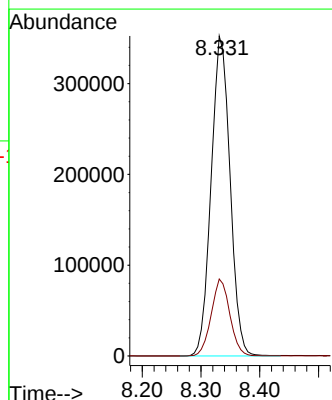
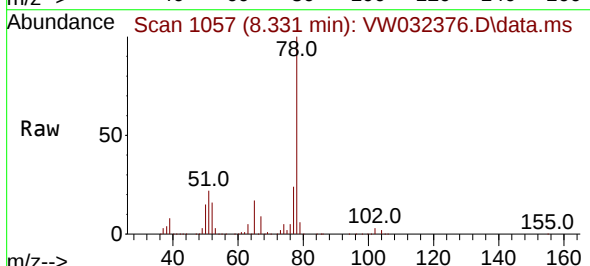
Acq: 07 Oct 2025 14:57

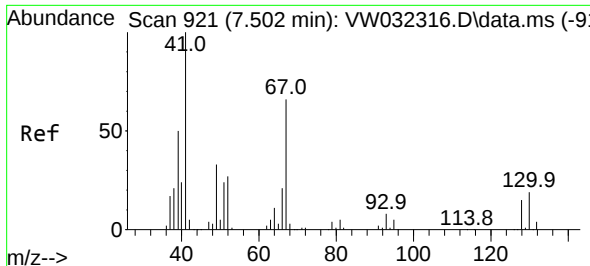
Tgt Ion: 78 Resp: 788190

Ion Ratio Lower Upper

78 100

77 24.0 20.7 31.1

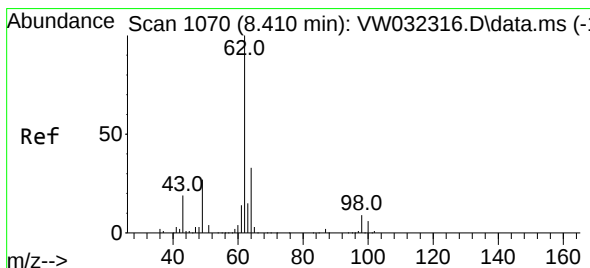
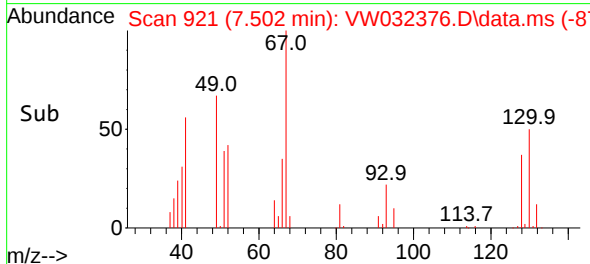
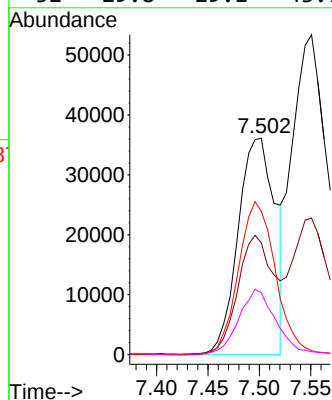
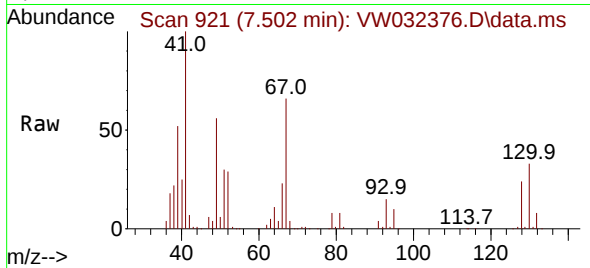




#41
Methacrylonitrile
Concen: 50.867 ug/l
RT: 7.502 min Scan# 91332
Delta R.T. -0.000 min
Lab File: VW032376.D
Acq: 07 Oct 2025 14:57

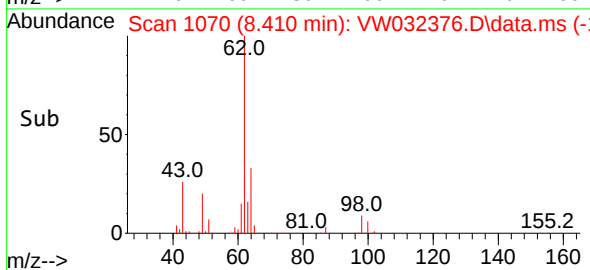
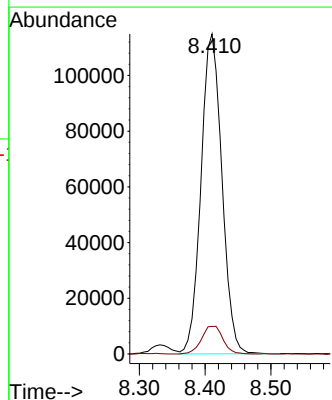
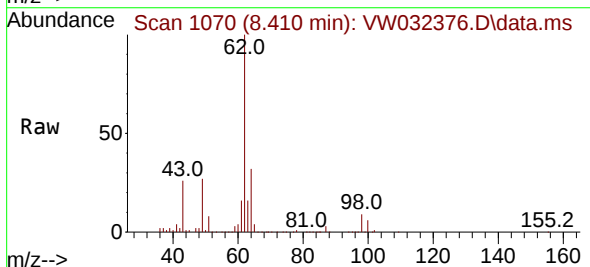
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

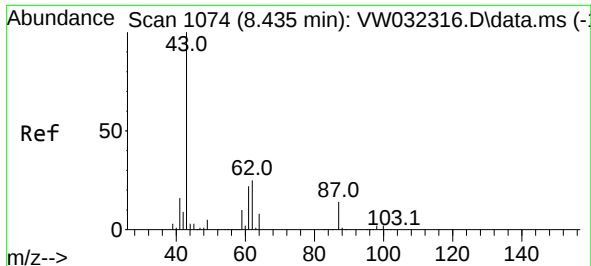
Tgt Ion:	41	Resp:	91332
Ion	Ratio	Lower	Upper
41	100		
39	53.5	50.9	76.3
67	70.6	65.6	98.4
52	29.8	29.1	43.7



#42
1,2-Dichloroethane
Concen: 49.484 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032376.D
Acq: 07 Oct 2025 14:57

Tgt Ion:	62	Resp:	254031
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.0

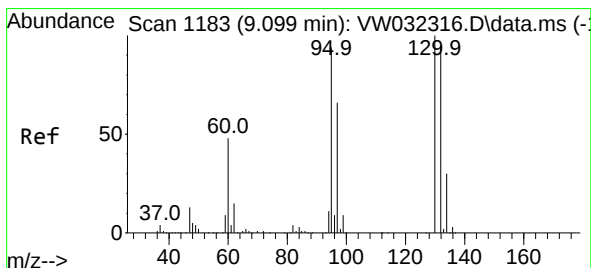
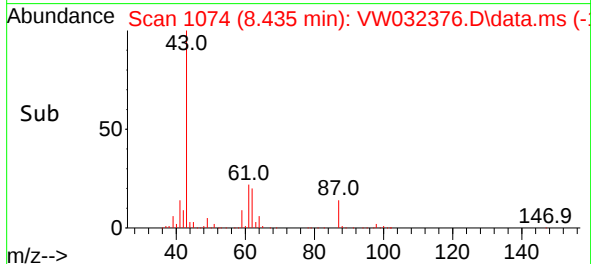
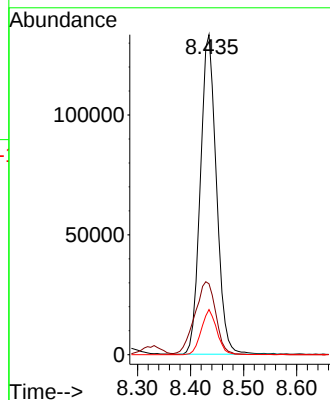
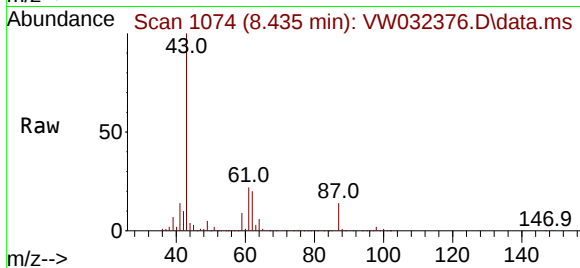




#43
Isopropyl Acetate
Concen: 47.333 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VW032376.D
Acq: 07 Oct 2025 14:57

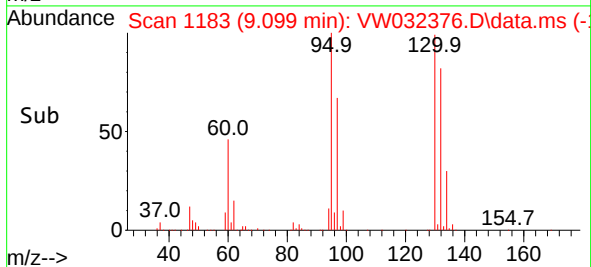
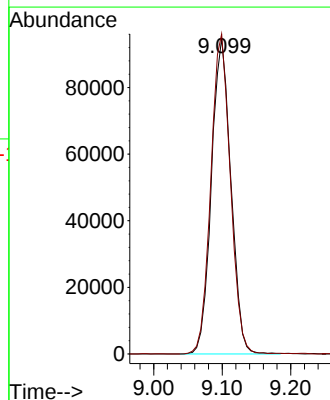
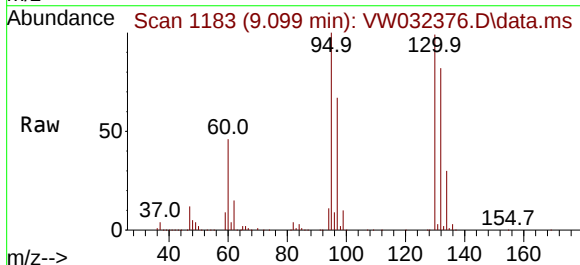
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

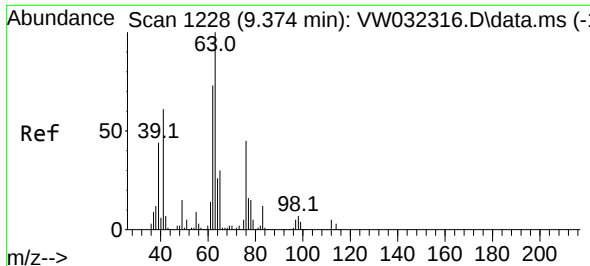
Tgt Ion: 43 Resp: 279749
Ion Ratio Lower Upper
43 100
61 29.8 23.3 34.9
87 13.8 11.1 16.7



#44
Trichloroethene
Concen: 50.746 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VW032376.D
Acq: 07 Oct 2025 14:57

Tgt Ion:130 Resp: 186425
Ion Ratio Lower Upper
130 100
95 101.5 0.0 220.0





#45

1,2-Dichloropropane

Concen: 49.413 ug/l

RT: 9.374 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032376.D

Acq: 07 Oct 2025 14:57

Instrument :

MSVOA_W

ClientSampleId :

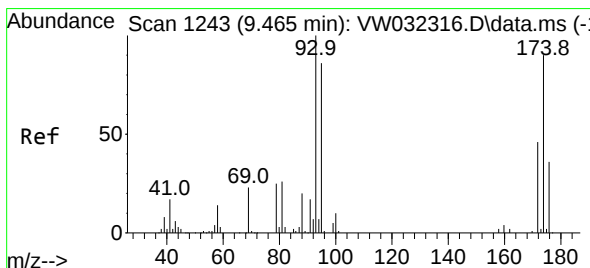
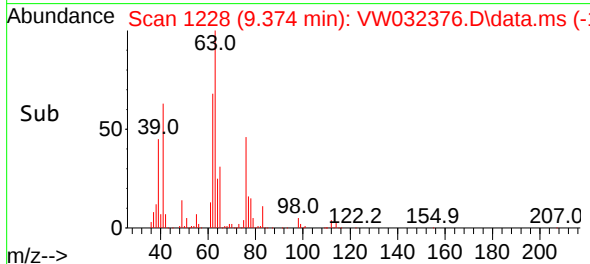
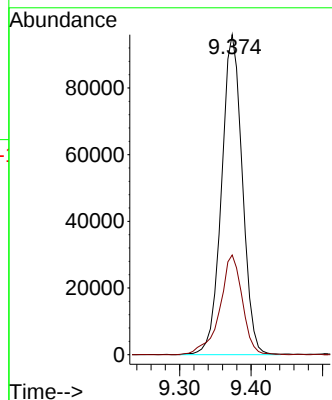
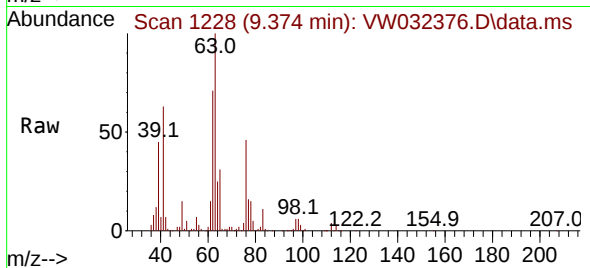
VSTDCCC050EC

Tgt Ion: 63 Resp: 193507

Ion Ratio Lower Upper

63 100

65 31.1 24.3 36.5



#46

Dibromomethane

Concen: 49.223 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VW032376.D

Acq: 07 Oct 2025 14:57

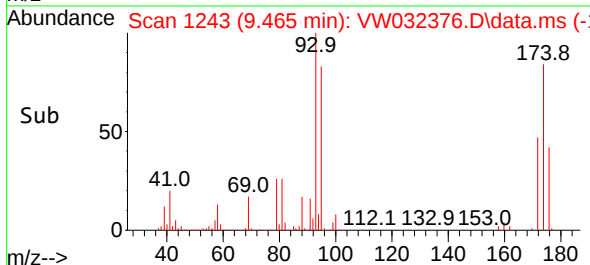
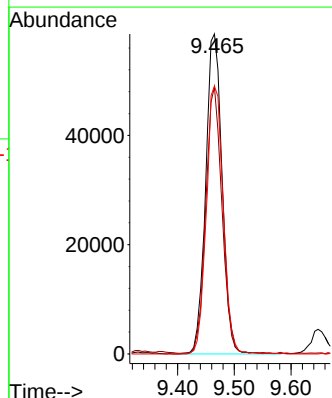
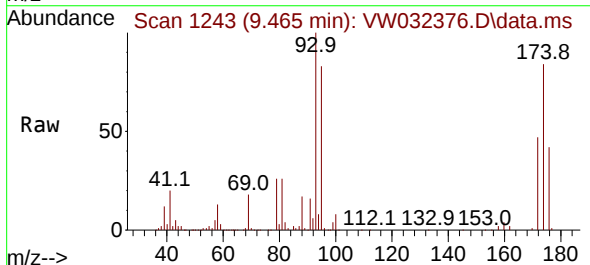
Tgt Ion: 93 Resp: 118532

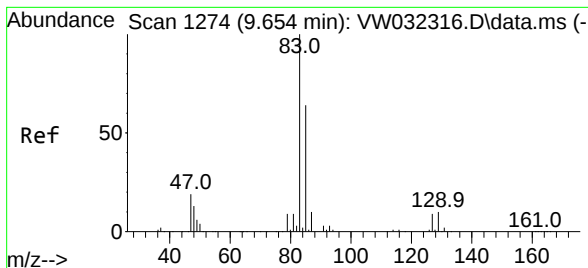
Ion Ratio Lower Upper

93 100

95 81.4 67.4 101.2

174 85.5 75.7 113.5





#47

Bromodichloromethane

Concen: 51.327 ug/l

RT: 9.648 min Scan# 1273

Delta R.T. -0.000 min

Lab File: VW032376.D

Acq: 07 Oct 2025 14:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

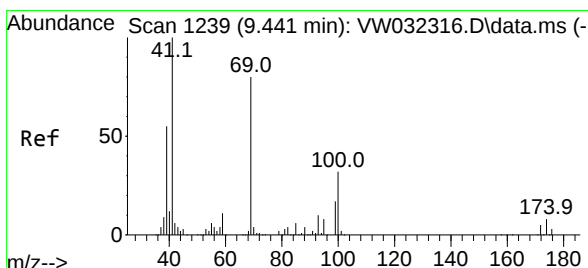
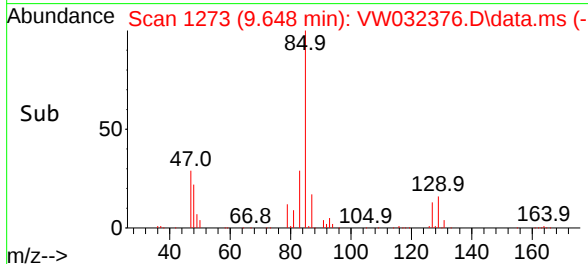
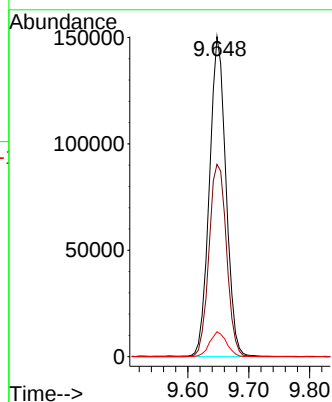
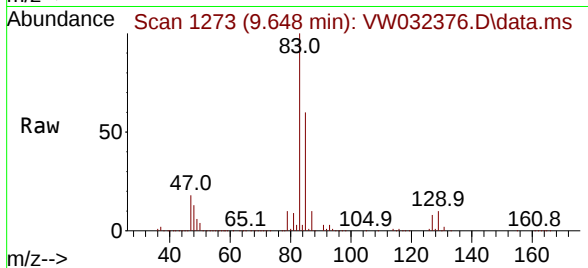
Tgt Ion: 83 Resp: 282698

Ion Ratio Lower Upper

83 100

85 60.1 48.7 73.1

127 7.8 6.4 9.6



#48

Methyl methacrylate

Concen: 47.339 ug/l

RT: 9.441 min Scan# 1239

Delta R.T. -0.000 min

Lab File: VW032376.D

Acq: 07 Oct 2025 14:57

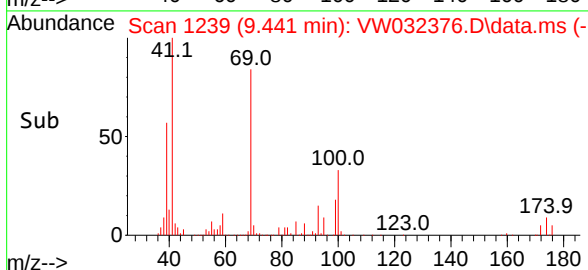
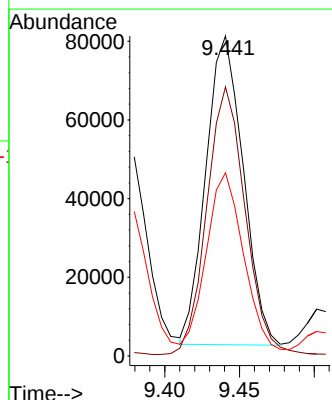
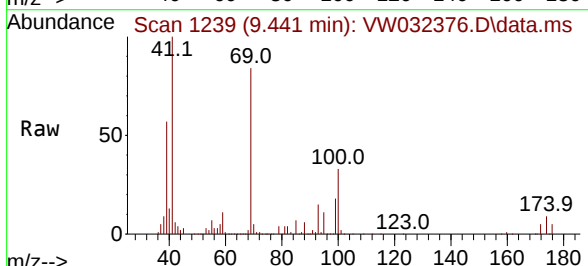
Tgt Ion: 41 Resp: 136033

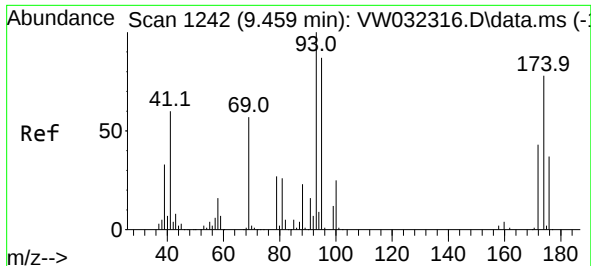
Ion Ratio Lower Upper

41 100

69 90.4 71.5 107.3

39 56.1 55.9 83.9





#49

1,4-Dioxane

Concen: 925.961 ug/l

RT: 9.459 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032376.D

Acq: 07 Oct 2025 14:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

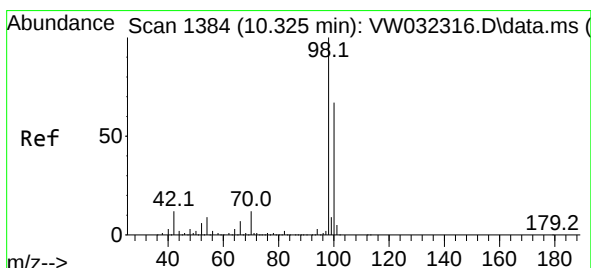
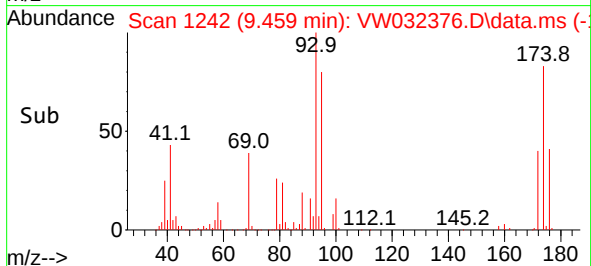
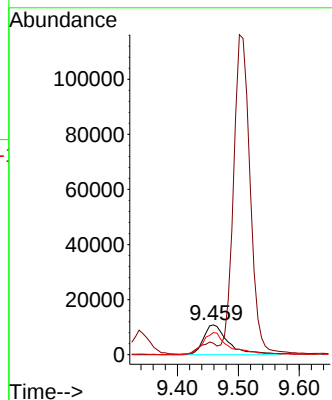
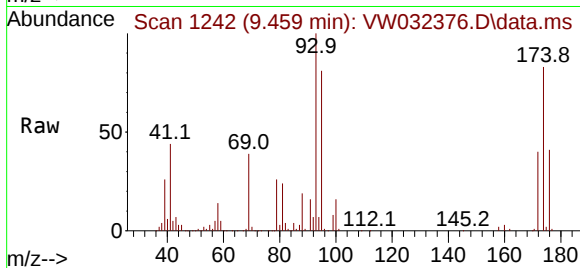
Tgt Ion: 88 Resp: 30477

Ion Ratio Lower Upper

88 100

43 27.9 18.0 27.0#

58 79.7 55.4 83.0



#50

Toluene-d8

Concen: 52.719 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW032376.D

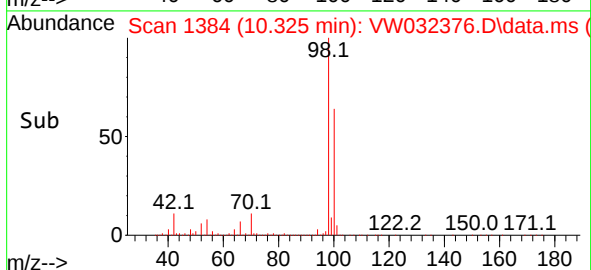
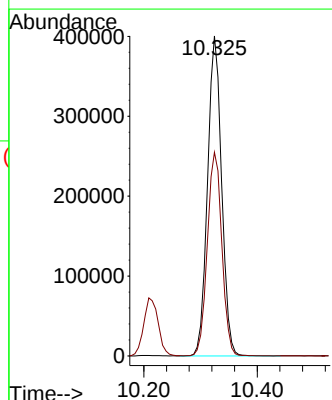
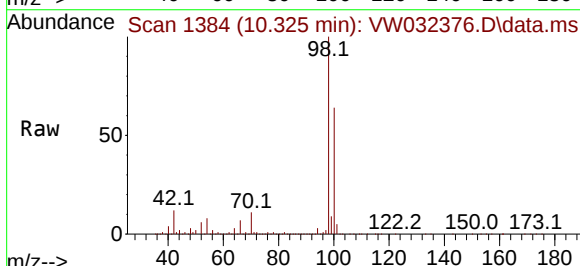
Acq: 07 Oct 2025 14:57

Tgt Ion: 98 Resp: 690090

Ion Ratio Lower Upper

98 100

100 65.6 51.4 77.2

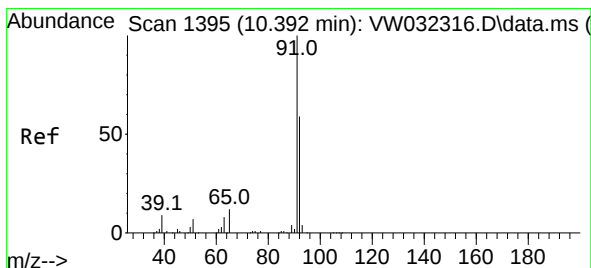
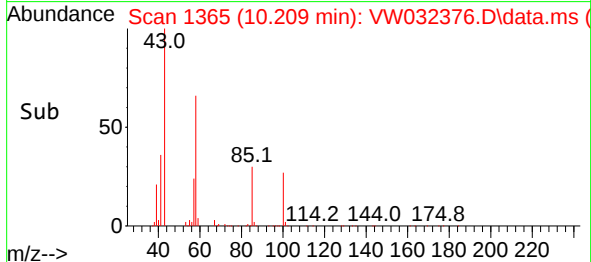
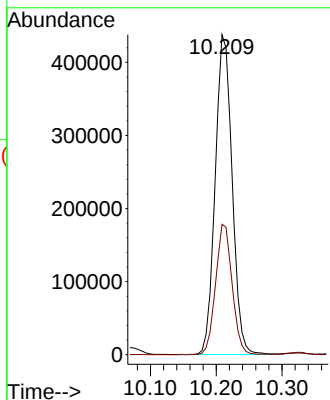
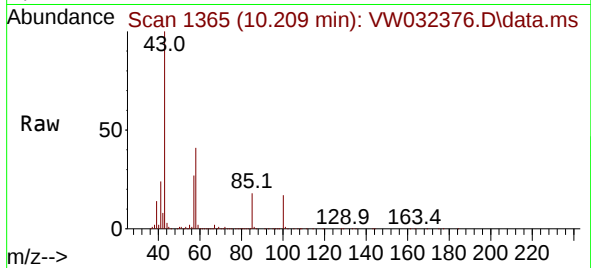




#51
4-Methyl-2-Pentanone
Concen: 229.390 ug/l
RT: 10.209 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032376.D
Acq: 07 Oct 2025 14:57

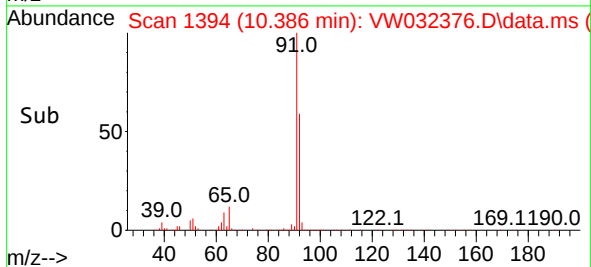
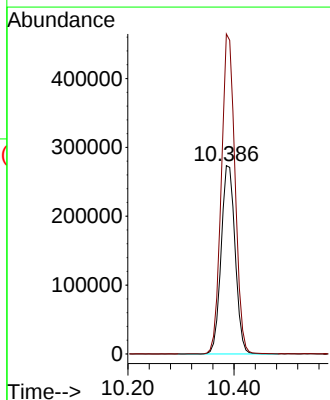
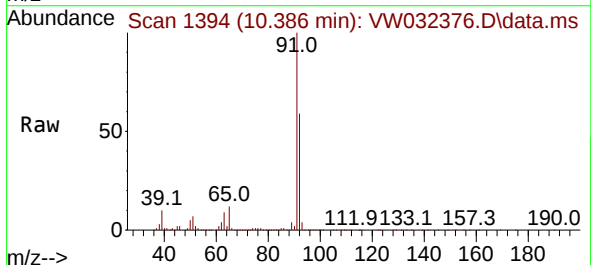
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

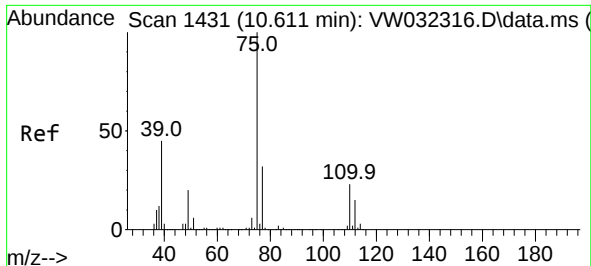
Tgt Ion: 43 Resp: 785256
Ion Ratio Lower Upper
43 100
58 39.9 32.0 48.0



#52
Toluene
Concen: 51.205 ug/l
RT: 10.386 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VW032376.D
Acq: 07 Oct 2025 14:57

Tgt Ion: 92 Resp: 500295
Ion Ratio Lower Upper
92 100
91 166.4 137.5 206.3

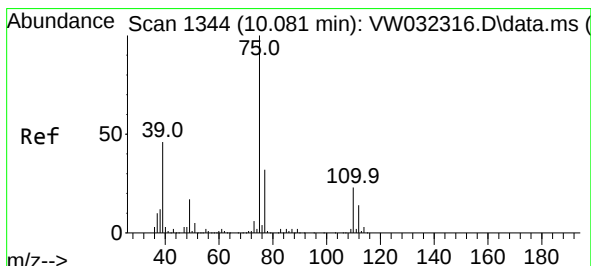
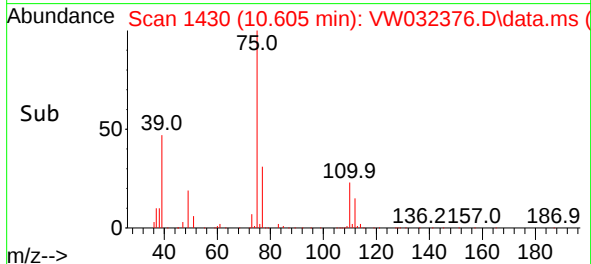
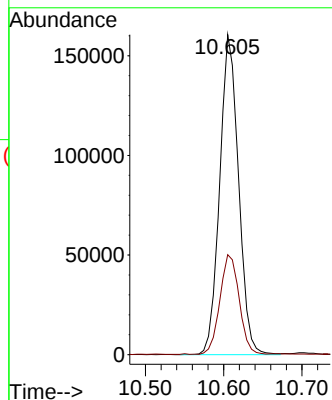
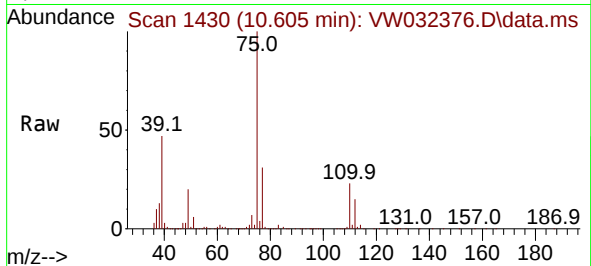




#53
t-1,3-Dichloropropene
Concen: 50.324 ug/l
RT: 10.605 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VW032376.D
Acq: 07 Oct 2025 14:57

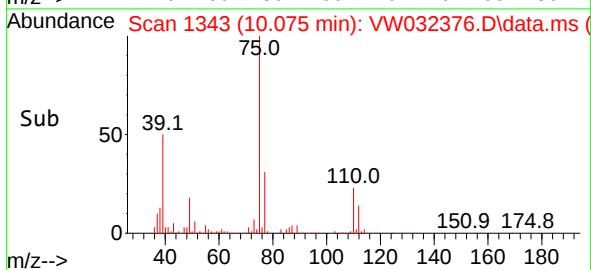
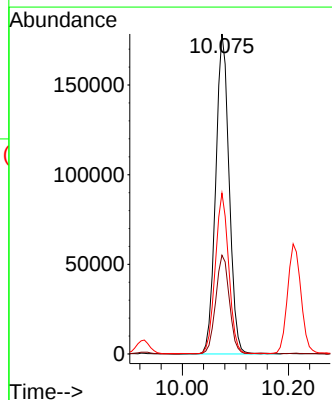
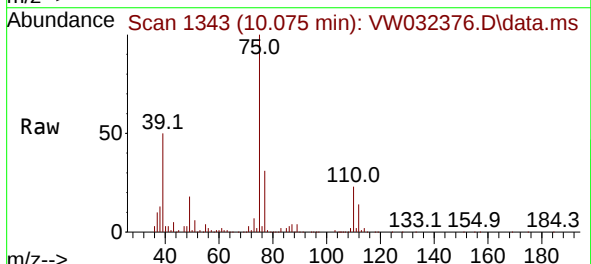
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

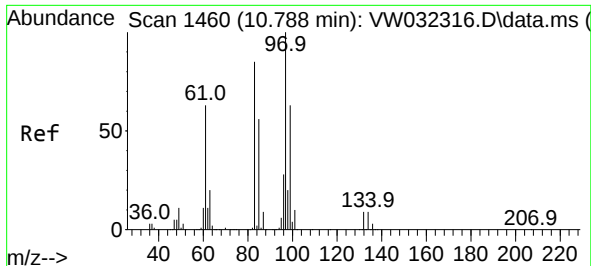
Tgt Ion: 75 Resp: 268909
Ion Ratio Lower Upper
75 100
77 31.1 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 51.150 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW032376.D
Acq: 07 Oct 2025 14:57

Tgt Ion: 75 Resp: 314831
Ion Ratio Lower Upper
75 100
77 30.8 25.1 37.7
39 50.1 43.2 64.8





#55

1,1,2-Trichloroethane

Concen: 49.369 ug/l

RT: 10.788 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VW032376.D

Acq: 07 Oct 2025 14:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 158892

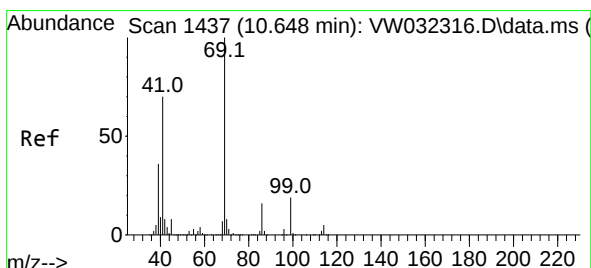
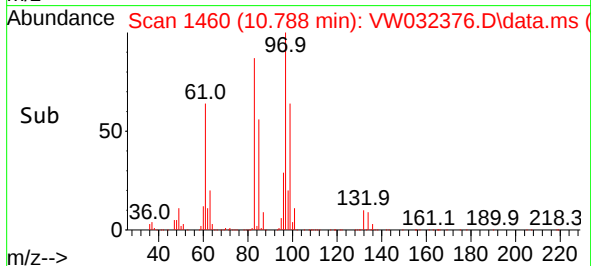
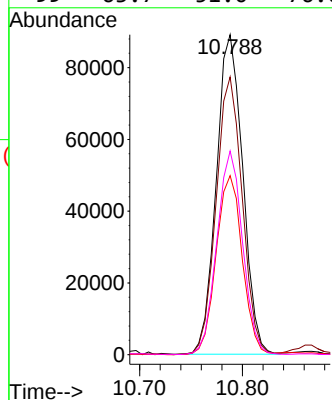
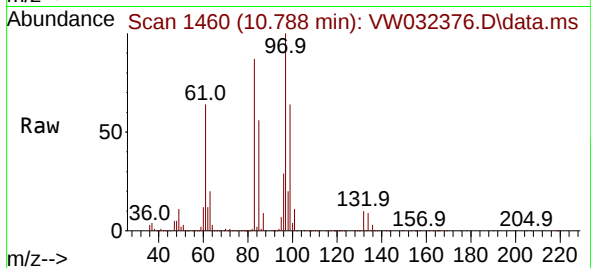
Ion Ratio Lower Upper

97 100

83 86.7 71.0 106.6

85 55.9 42.8 64.2

99 63.7 51.0 76.6



#56

Ethyl methacrylate

Concen: 50.174 ug/l

RT: 10.648 min Scan# 1437

Delta R.T. -0.000 min

Lab File: VW032376.D

Acq: 07 Oct 2025 14:57

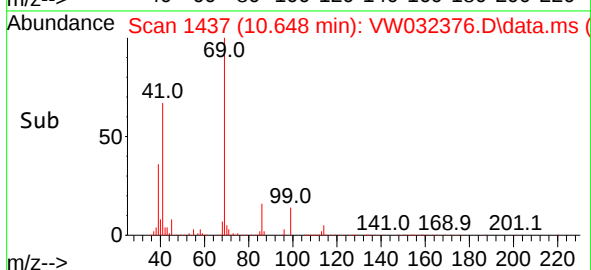
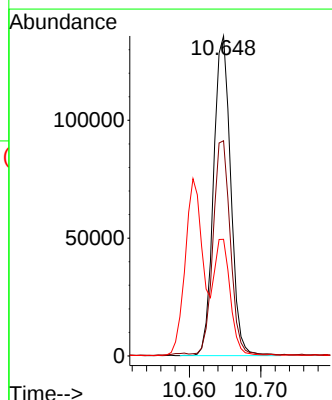
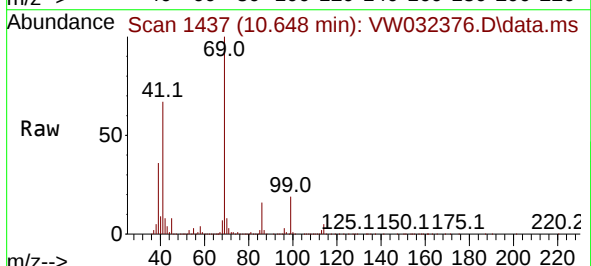
Tgt Ion: 69 Resp: 226024

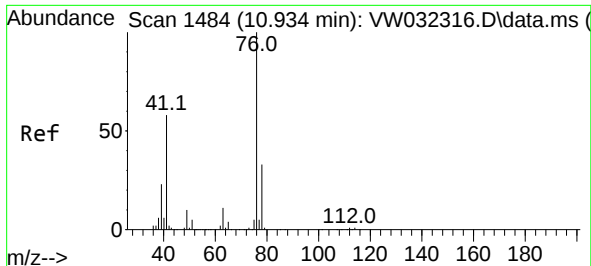
Ion Ratio Lower Upper

69 100

41 67.3 53.2 79.8

39 32.9 32.9 49.3





#57

1,3-Dichloropropane

Concen: 49.539 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032376.D

Acq: 07 Oct 2025 14:57

Instrument :

MSVOA_W

ClientSampleId :

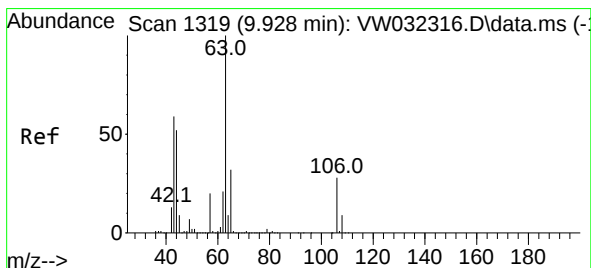
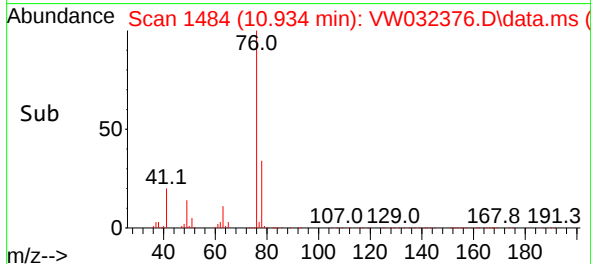
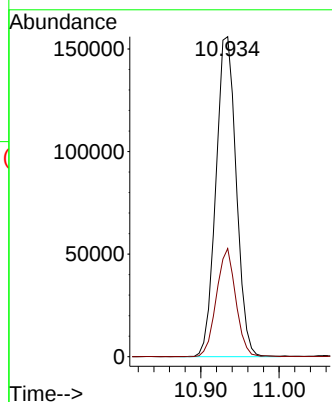
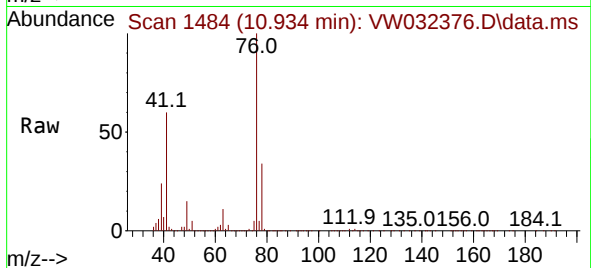
VSTDCCC050EC

Tgt Ion: 76 Resp: 281596

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 263.069 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032376.D

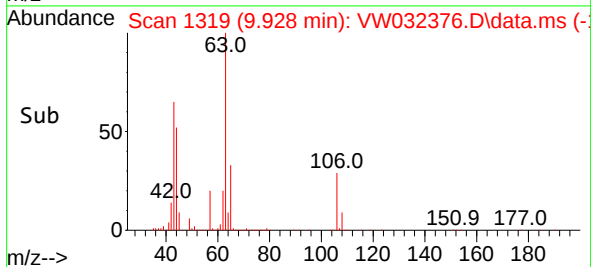
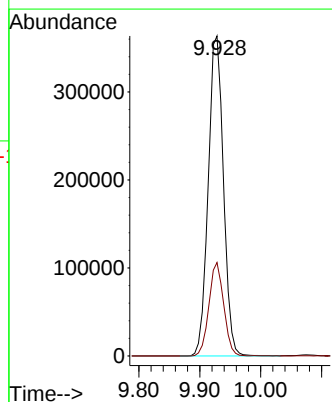
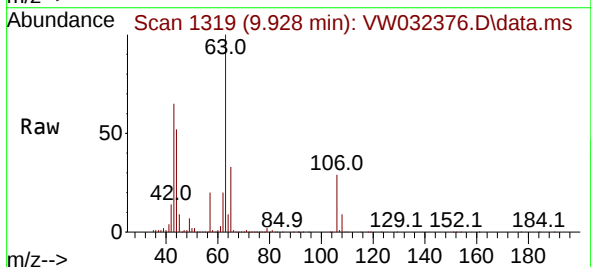
Acq: 07 Oct 2025 14:57

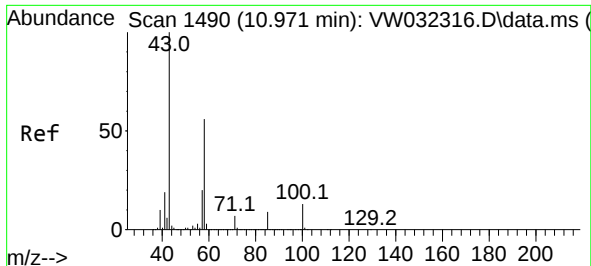
Tgt Ion: 63 Resp: 630696

Ion Ratio Lower Upper

63 100

106 28.4 24.3 36.5

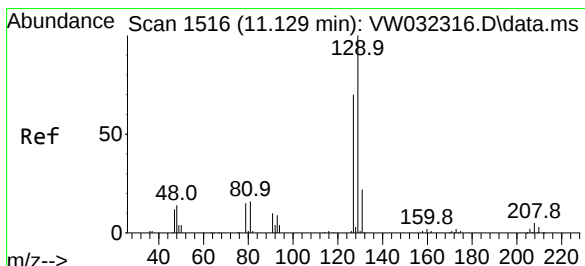
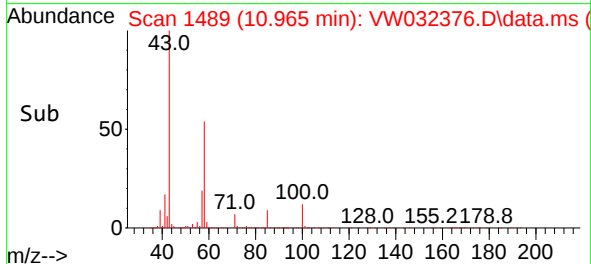
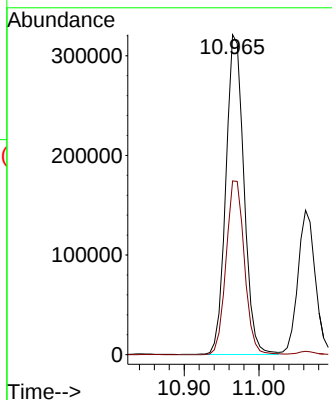
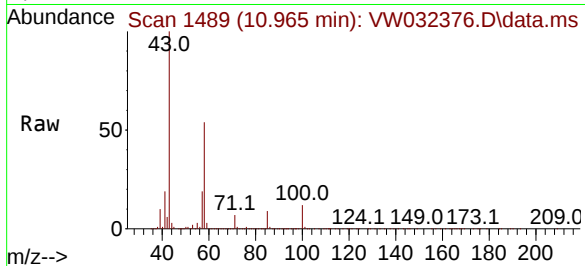




#59
2-Hexanone
Concen: 223.283 ug/l
RT: 10.965 min Scan# 1490
Delta R.T. -0.006 min
Lab File: VW032376.D
Acq: 07 Oct 2025 14:57

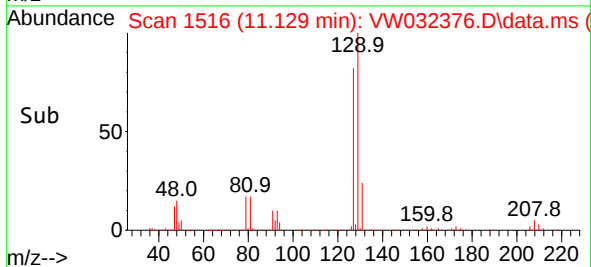
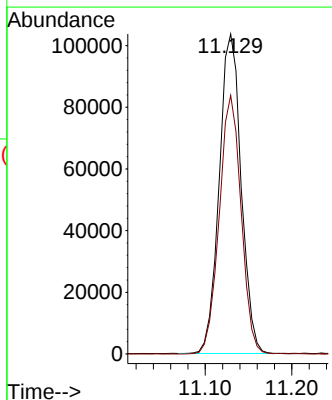
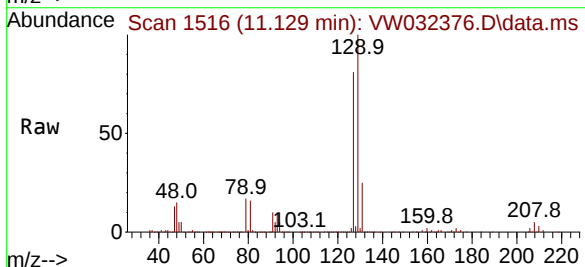
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

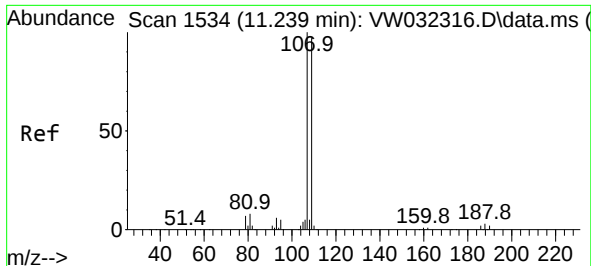
Tgt Ion: 43 Resp: 539088
Ion Ratio Lower Upper
43 100
58 55.3 27.5 82.4



#60
Dibromochloromethane
Concen: 49.849 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032376.D
Acq: 07 Oct 2025 14:57

Tgt Ion: 129 Resp: 182171
Ion Ratio Lower Upper
129 100
127 80.5 38.1 114.5

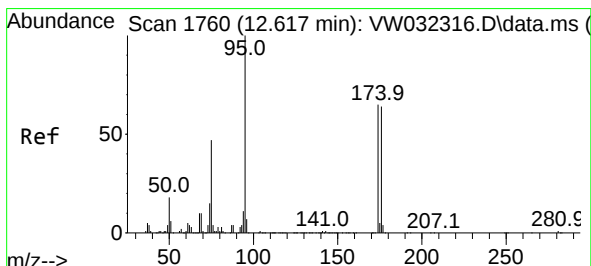
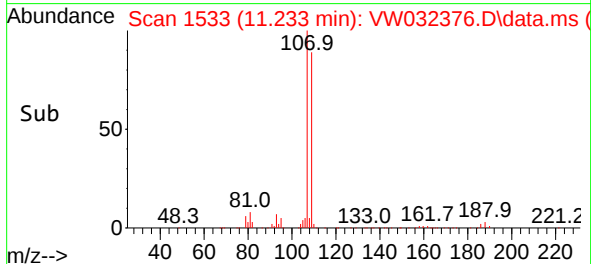
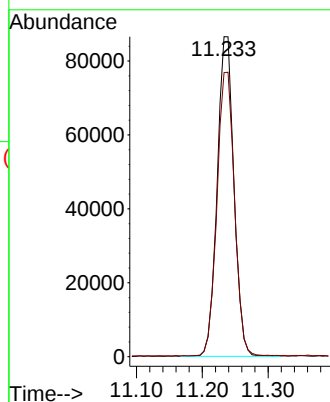
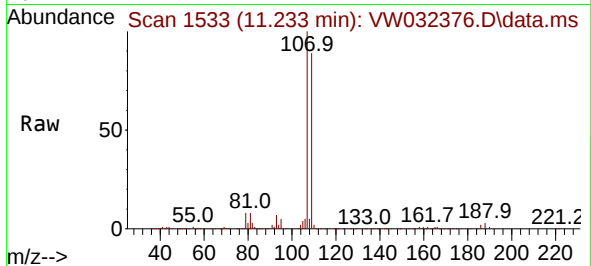




#61
1,2-Dibromoethane
Concen: 48.997 ug/l
RT: 11.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032376.D
Acq: 07 Oct 2025 14:57

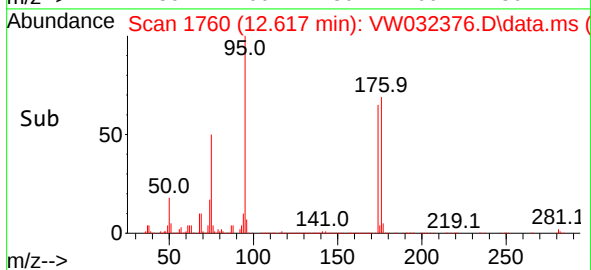
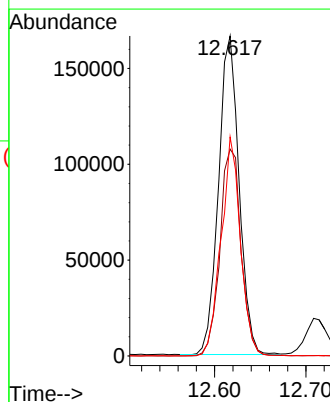
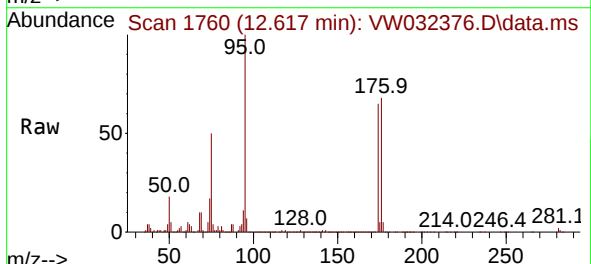
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

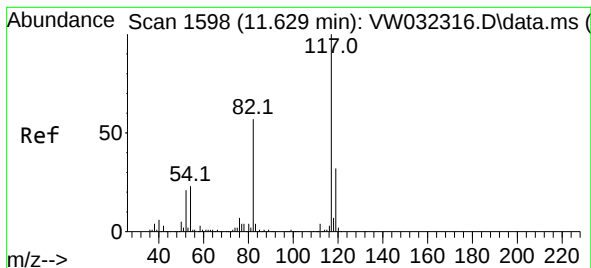
Tgt Ion:107 Resp: 153764
Ion Ratio Lower Upper
107 100
109 92.3 74.5 111.7



#62
4-Bromofluorobenzene
Concen: 52.623 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032376.D
Acq: 07 Oct 2025 14:57

Tgt Ion: 95 Resp: 260355
Ion Ratio Lower Upper
95 100
174 67.0 0.0 145.6
176 65.1 0.0 140.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032376.D

Acq: 07 Oct 2025 14:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

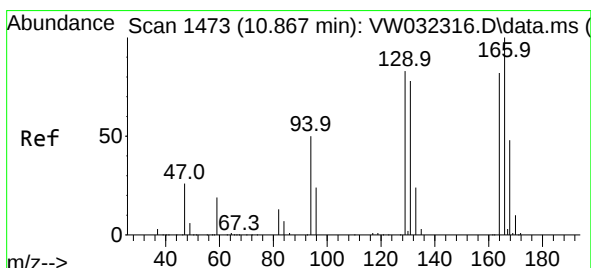
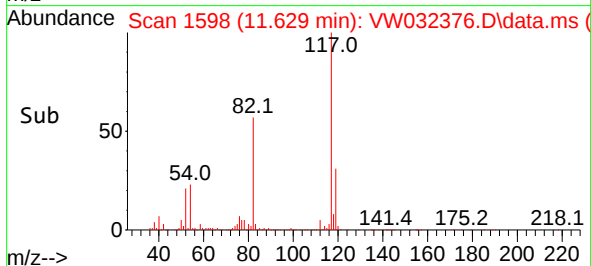
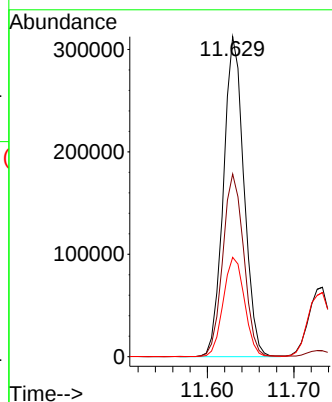
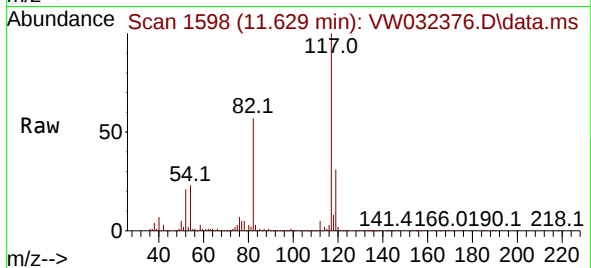
Tgt Ion:117 Resp: 512983

Ion Ratio Lower Upper

117 100

82 57.0 42.7 64.1

119 31.0 25.2 37.8



#64

Tetrachloroethene

Concen: 47.453 ug/l

RT: 10.867 min Scan# 1473

Delta R.T. -0.000 min

Lab File: VW032376.D

Acq: 07 Oct 2025 14:57

Tgt Ion:164 Resp: 145660

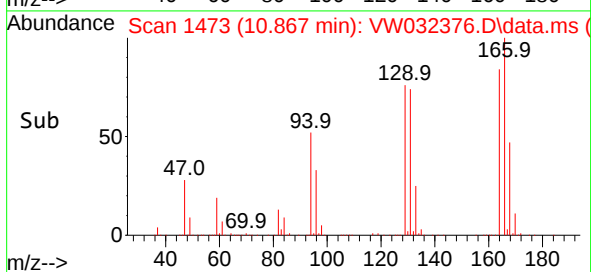
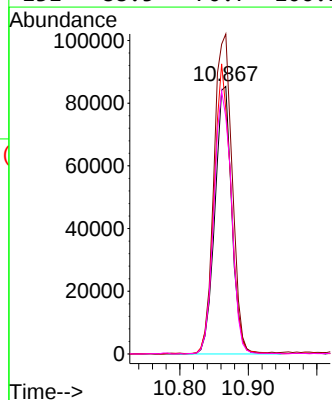
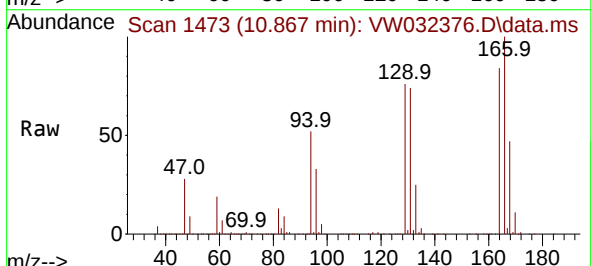
Ion Ratio Lower Upper

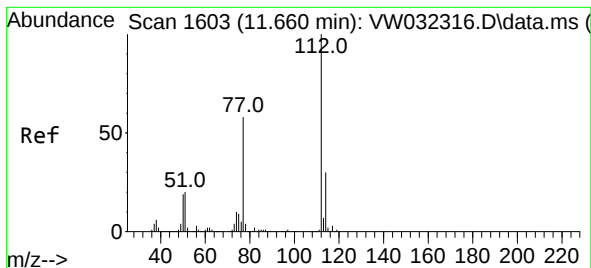
164 100

166 119.3 97.5 146.3

129 91.2 71.2 106.8

131 88.5 70.7 106.1





#65

Chlorobenzene

Concen: 47.646 ug/l

RT: 11.654 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032376.D

Acq: 07 Oct 2025 14:57

Instrument :

MSVOA_W

ClientSampleId :

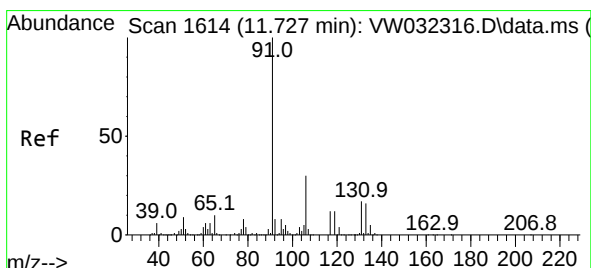
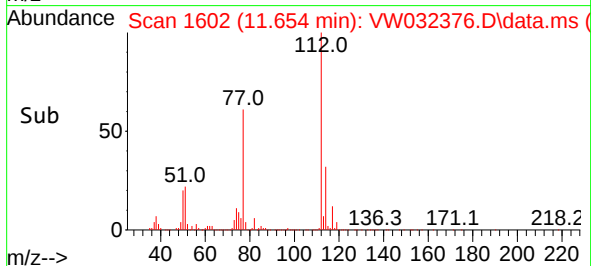
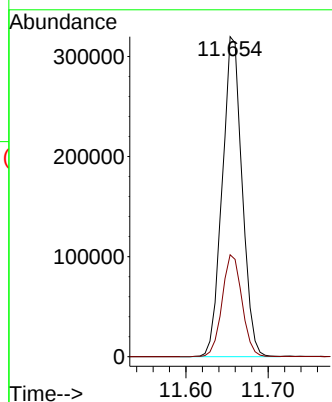
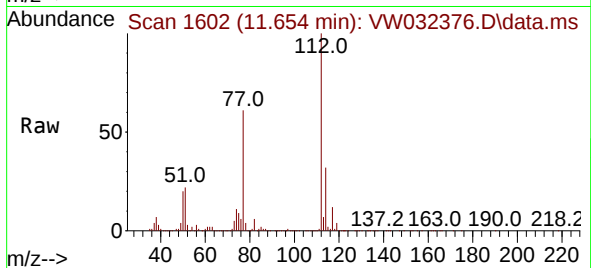
VSTDCCC050EC

Tgt Ion:112 Resp: 537778

Ion Ratio Lower Upper

112 100

114 31.8 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 50.050 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. -0.000 min

Lab File: VW032376.D

Acq: 07 Oct 2025 14:57

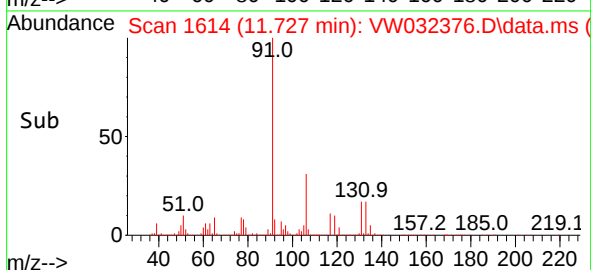
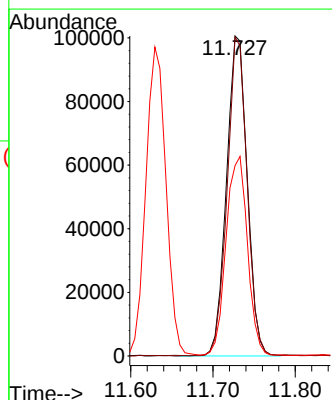
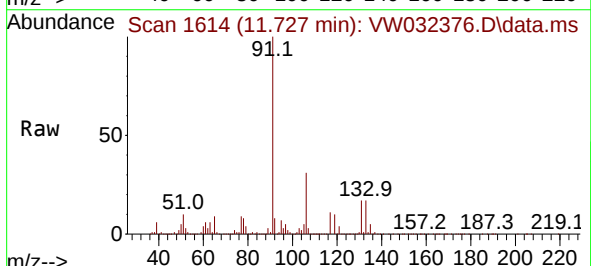
Tgt Ion:131 Resp: 175951

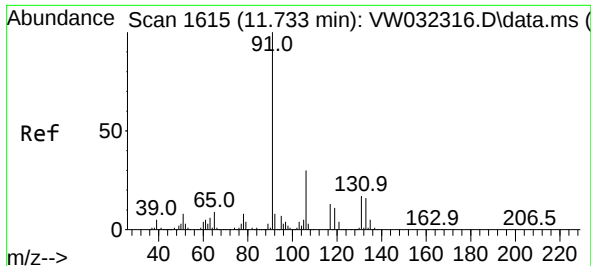
Ion Ratio Lower Upper

131 100

133 95.4 47.7 143.1

119 64.3 32.8 98.3





#67

Ethyl Benzene

Concen: 51.360 ug/l

RT: 11.727 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032376.D

Acq: 07 Oct 2025 14:57

Instrument :

MSVOA_W

ClientSampleId :

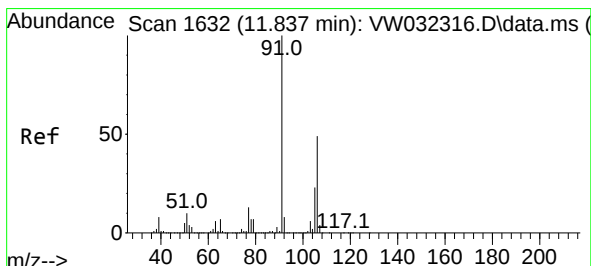
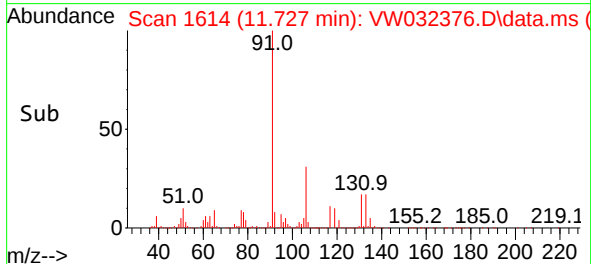
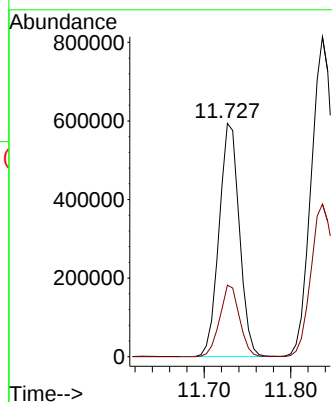
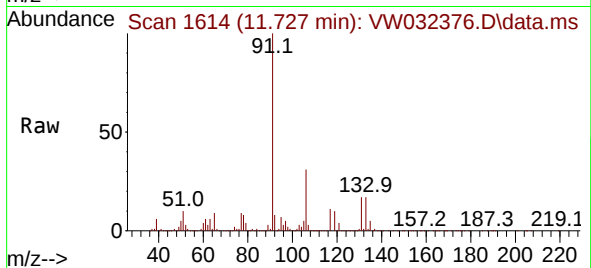
VSTDCCC050EC

Tgt Ion: 91 Resp: 966272

Ion Ratio Lower Upper

91 100

106 30.6 25.3 37.9



#68

m/p-Xylenes

Concen: 101.173 ug/l

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW032376.D

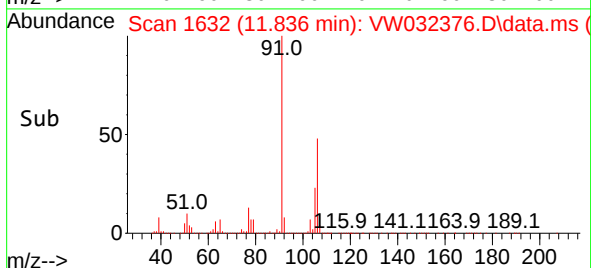
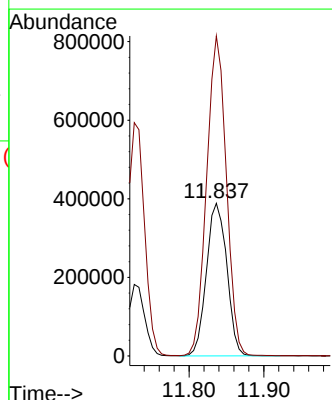
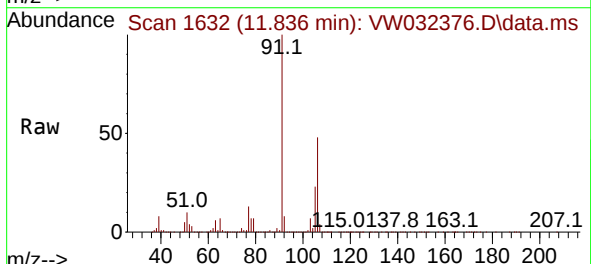
Acq: 07 Oct 2025 14:57

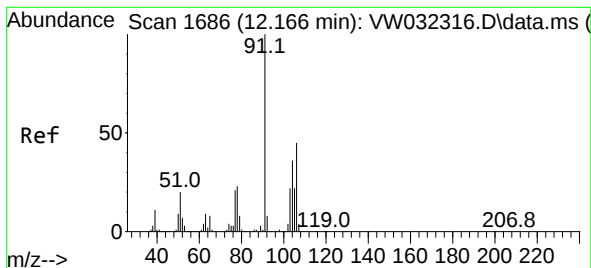
Tgt Ion:106 Resp: 733991

Ion Ratio Lower Upper

106 100

91 202.8 164.2 246.2

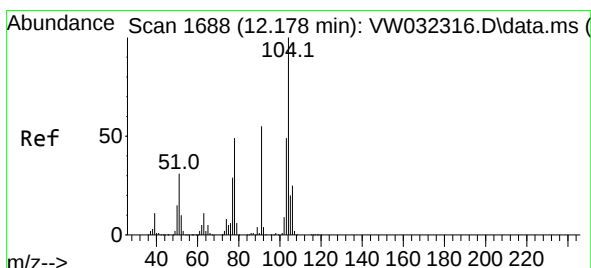
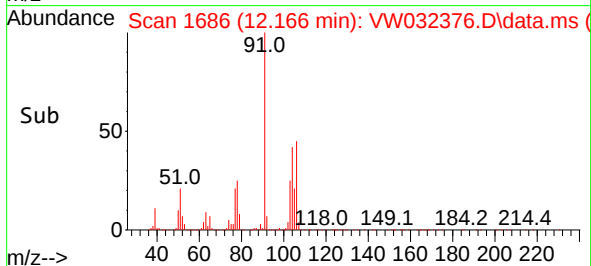
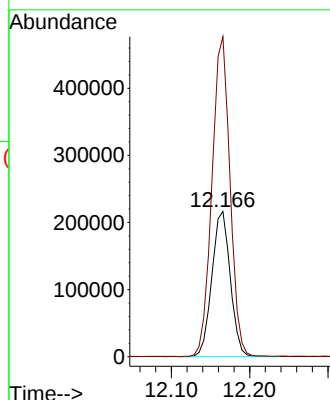
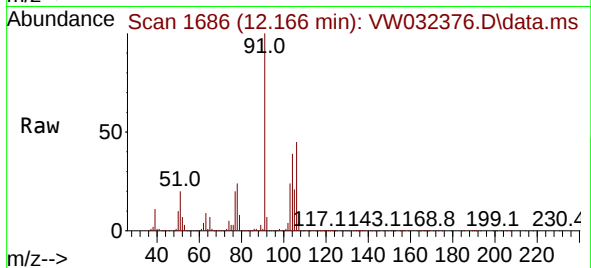




#69
o-Xylene
Concen: 51.856 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW032376.D
Acq: 07 Oct 2025 14:57

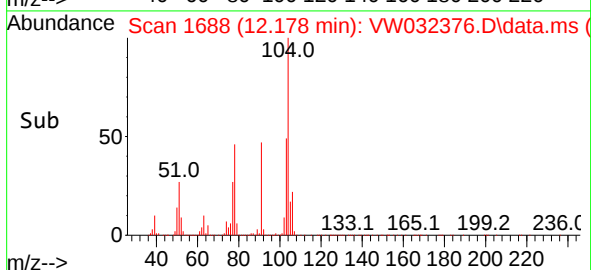
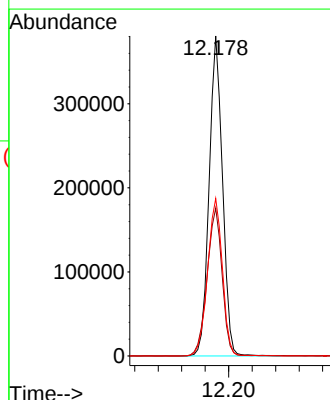
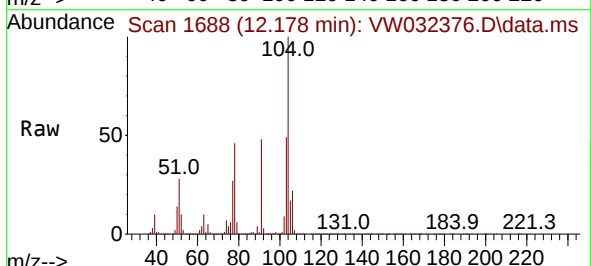
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

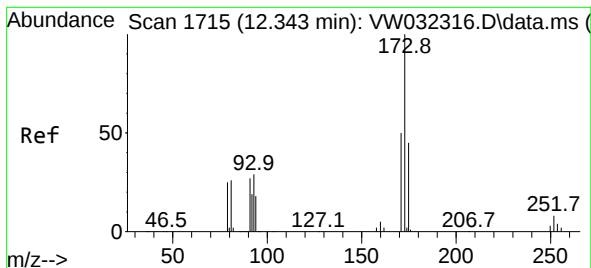
Tgt Ion:106 Resp: 351817
Ion Ratio Lower Upper
106 100
91 216.7 108.7 326.3



#70
Styrene
Concen: 50.798 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032376.D
Acq: 07 Oct 2025 14:57

Tgt Ion:104 Resp: 601725
Ion Ratio Lower Upper
104 100
78 51.7 41.6 62.4
103 54.4 44.8 67.2





#71

Bromoform

Concen: 46.762 ug/l

RT: 12.349 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032376.D

Acq: 07 Oct 2025 14:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

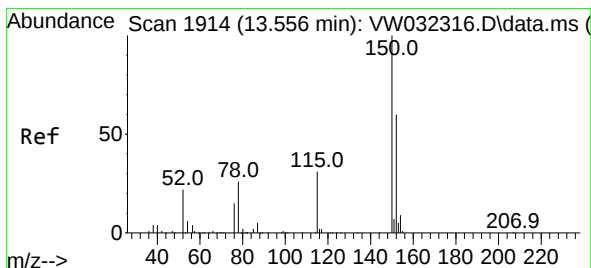
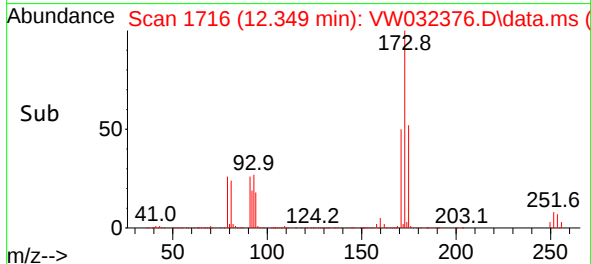
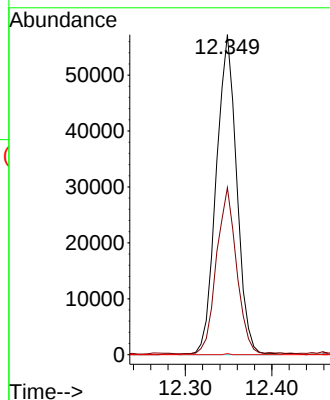
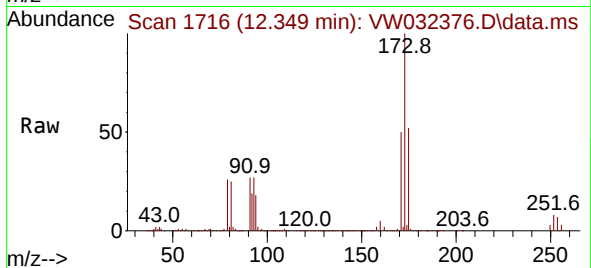
Tgt Ion:173 Resp: 94228

Ion Ratio Lower Upper

173 100

175 50.5 24.9 74.7

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: VW032376.D

Acq: 07 Oct 2025 14:57

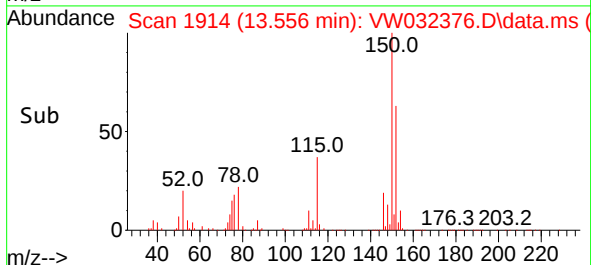
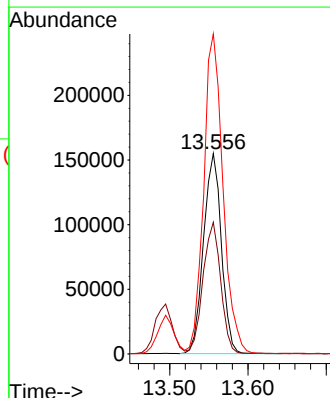
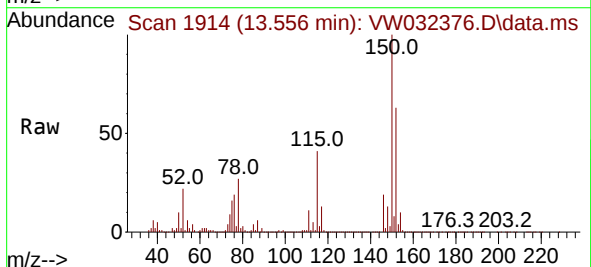
Tgt Ion:152 Resp: 244943

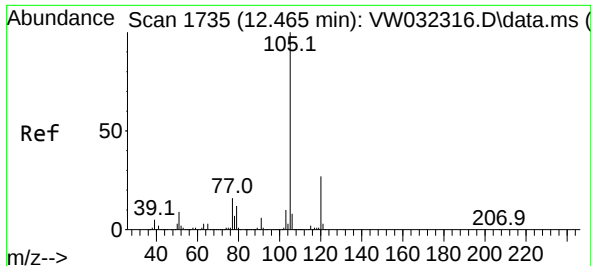
Ion Ratio Lower Upper

152 100

115 64.7 31.8 95.4

150 172.3 0.0 343.0

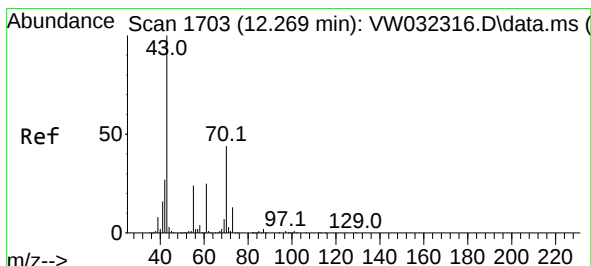
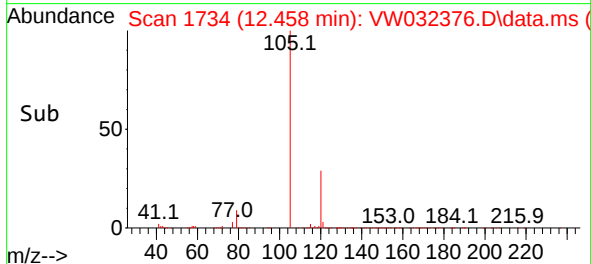
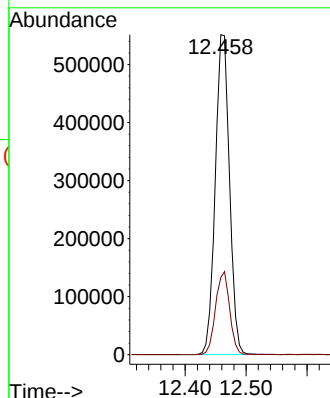
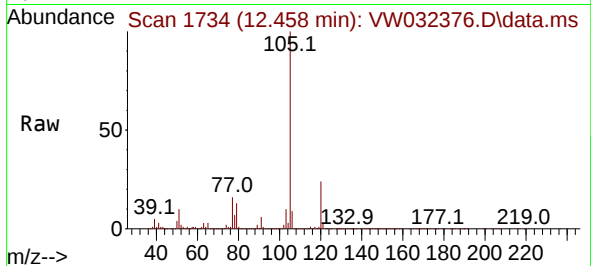




#73
Isopropylbenzene
Concen: 53.244 ug/l
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW032376.D
Acq: 07 Oct 2025 14:57

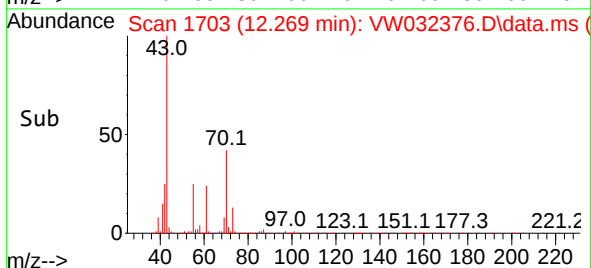
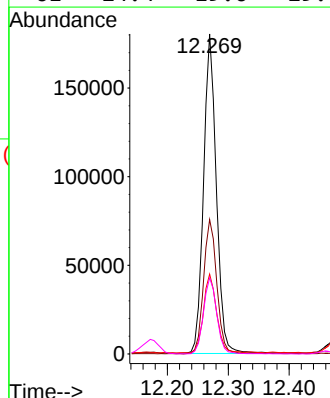
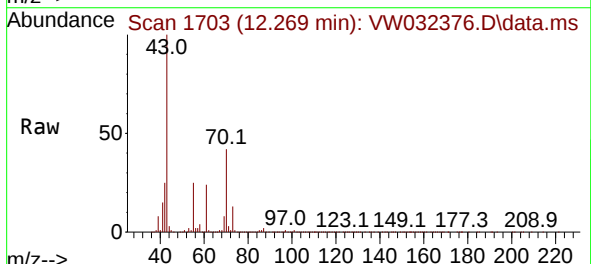
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

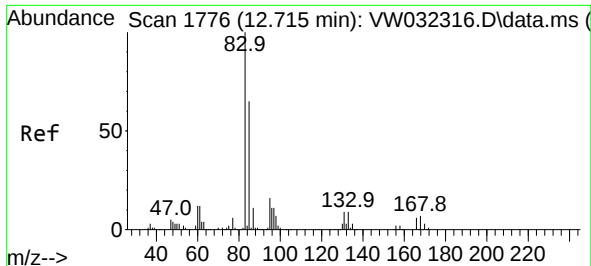
Tgt Ion:105 Resp: 892253
Ion Ratio Lower Upper
105 100
120 25.7 13.0 38.9



#74
N-ethyl acetate
Concen: 49.390 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032376.D
Acq: 07 Oct 2025 14:57

Tgt Ion: 43 Resp: 264041
Ion Ratio Lower Upper
43 100
70 43.6 35.3 52.9
55 25.4 19.9 29.9
61 24.4 19.6 29.4

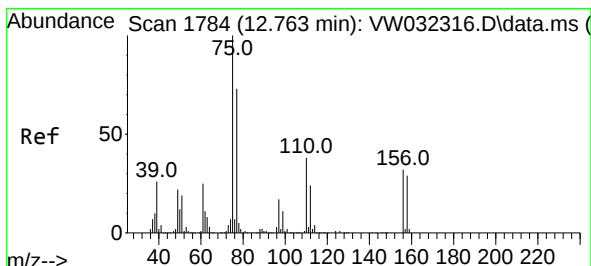
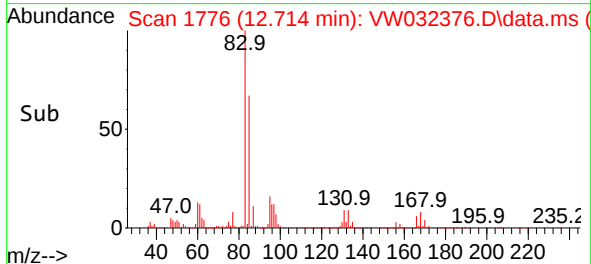
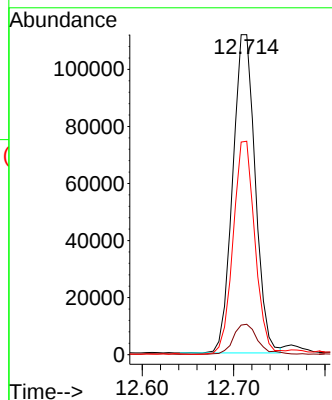
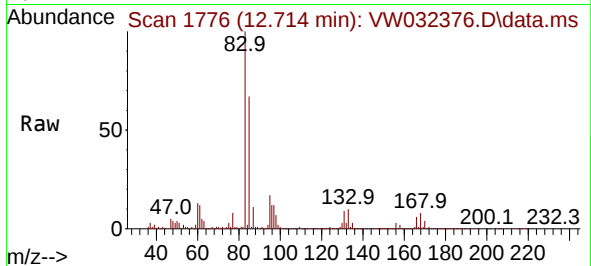




#75
1,1,2,2-Tetrachloroethane
Concen: 45.931 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW032376.D
Acq: 07 Oct 2025 14:57

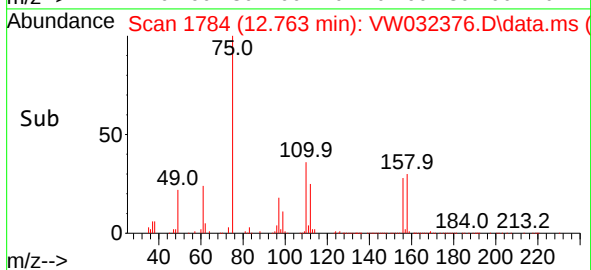
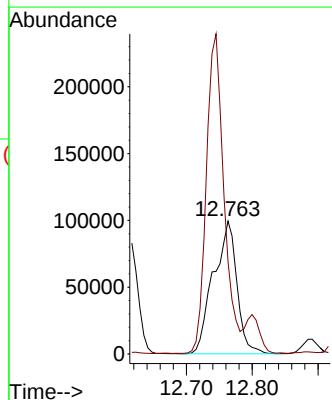
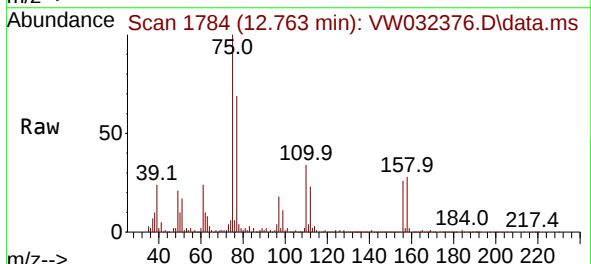
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

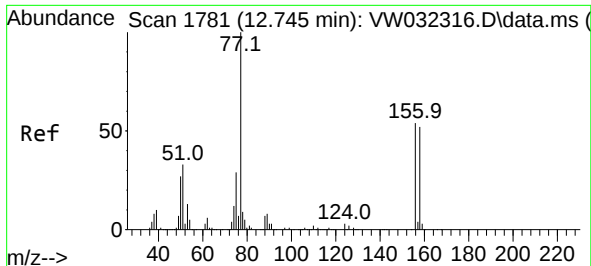
Tgt Ion: 83 Resp: 191118
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.4
85 64.9 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 76.462 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032376.D
Acq: 07 Oct 2025 14:57

Tgt Ion: 75 Resp: 246462
Ion Ratio Lower Upper
75 100
77 180.6 141.7 425.1

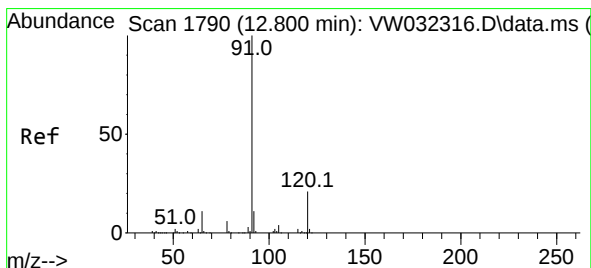
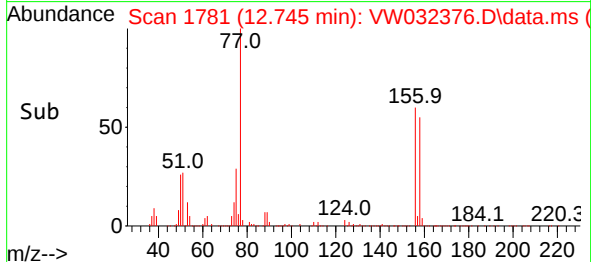
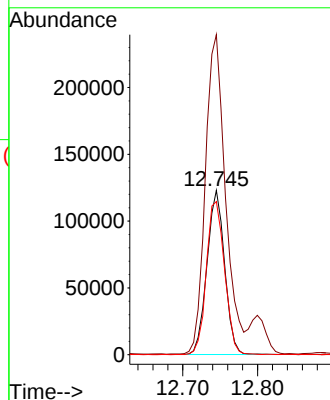
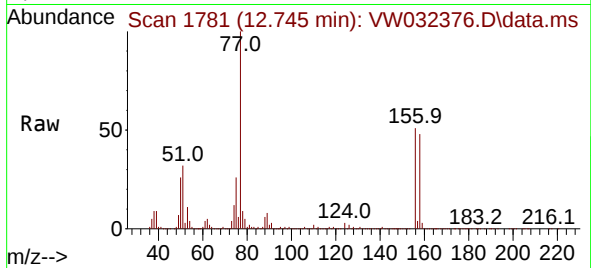




#77
Bromobenzene
Concen: 49.827 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VW032376.D
Acq: 07 Oct 2025 14:57

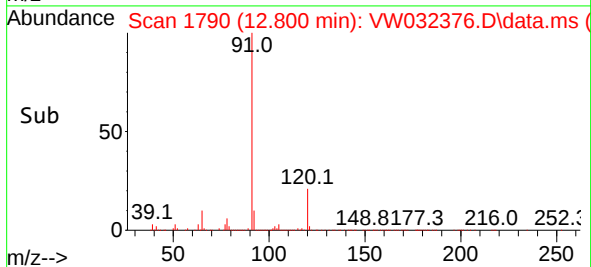
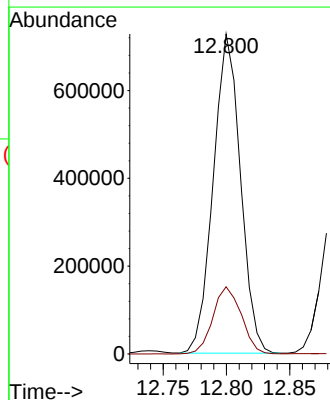
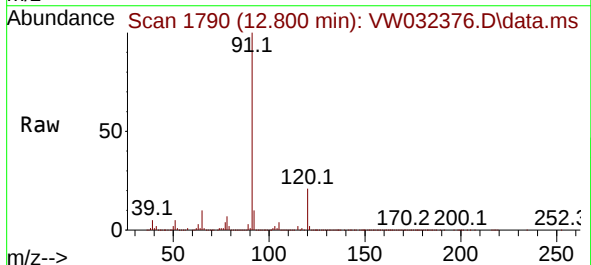
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

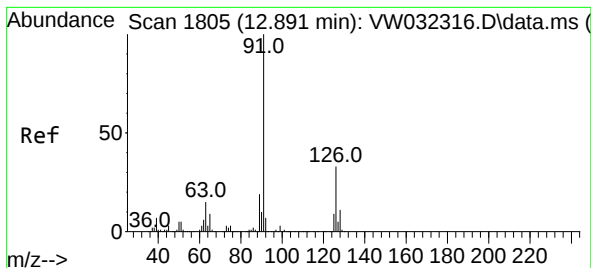
Tgt Ion:156 Resp: 201282
Ion Ratio Lower Upper
156 100
77 221.1 98.6 295.7
158 96.5 48.4 145.0



#78
n-propylbenzene
Concen: 51.900 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW032376.D
Acq: 07 Oct 2025 14:57

Tgt Ion: 91 Resp: 1086421
Ion Ratio Lower Upper
91 100
120 21.9 11.8 35.4

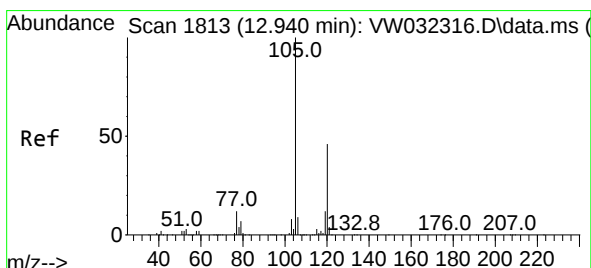
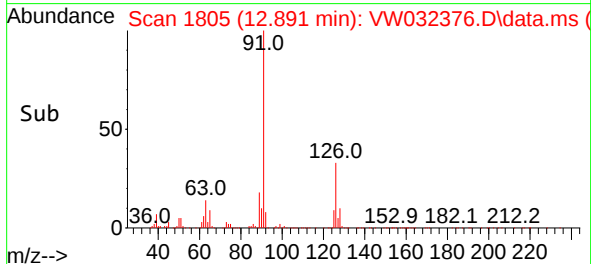
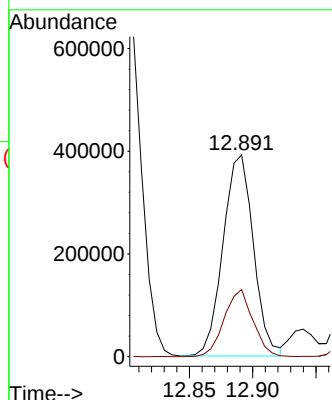
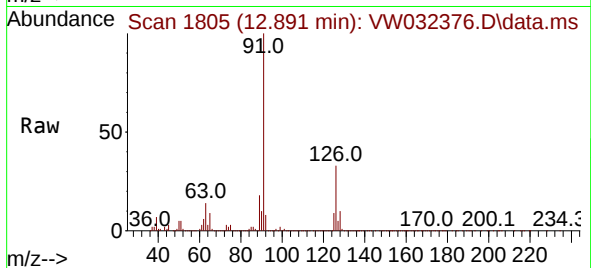




#79
2-Chlorotoluene
Concen: 51.237 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VW032376.D
Acq: 07 Oct 2025 14:57

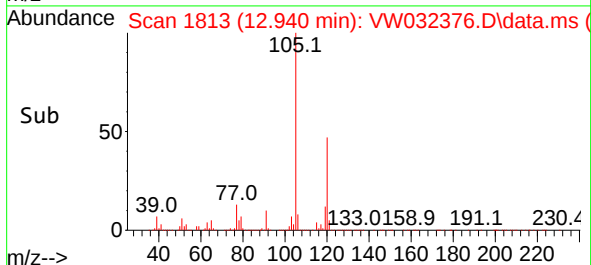
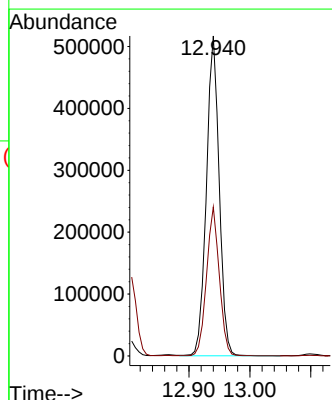
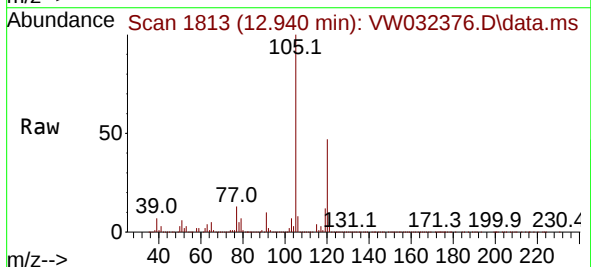
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

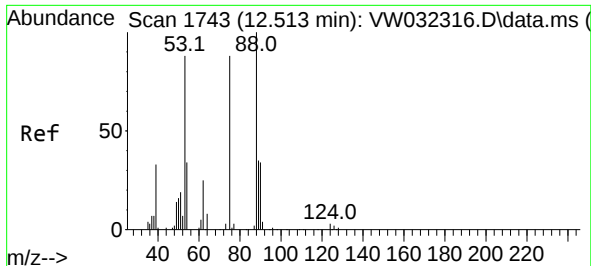
Tgt Ion: 91 Resp: 655787
Ion Ratio Lower Upper
91 100
126 31.6 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 51.946 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032376.D
Acq: 07 Oct 2025 14:57

Tgt Ion: 105 Resp: 752718
Ion Ratio Lower Upper
105 100
120 46.5 24.8 74.4

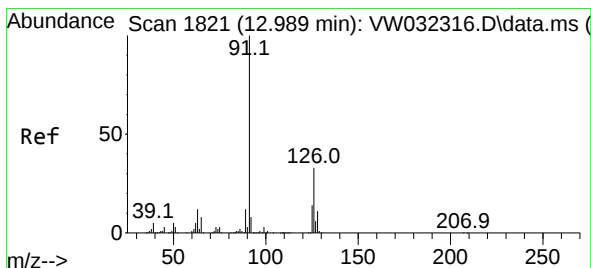
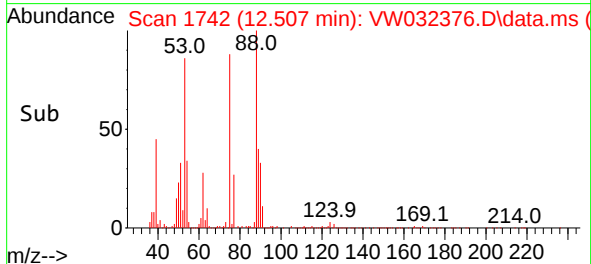
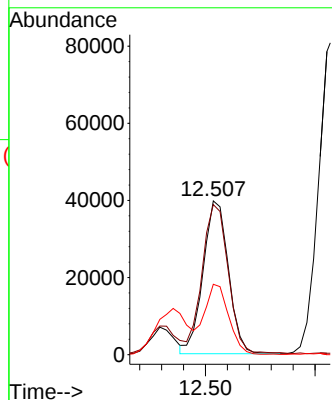
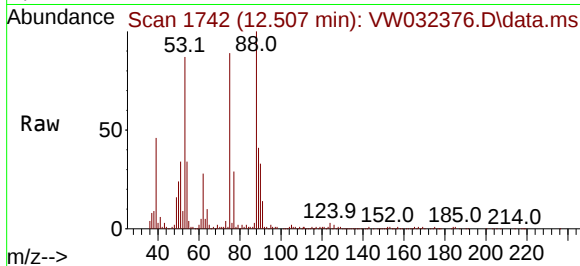




#81
trans-1,4-Dichloro-2-butene
Concen: 50.070 ug/l
RT: 12.507 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032376.D
Acq: 07 Oct 2025 14:57

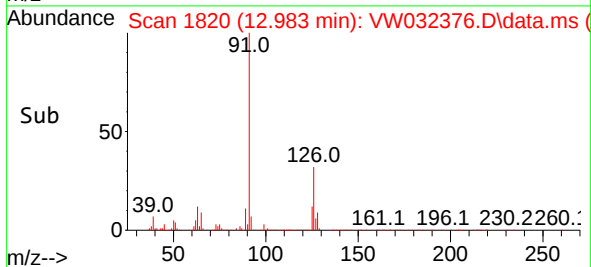
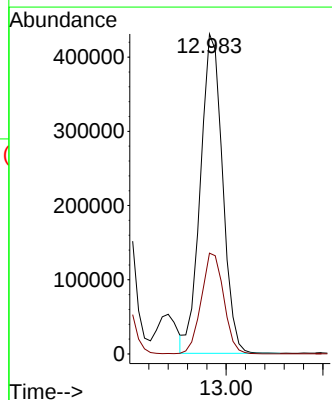
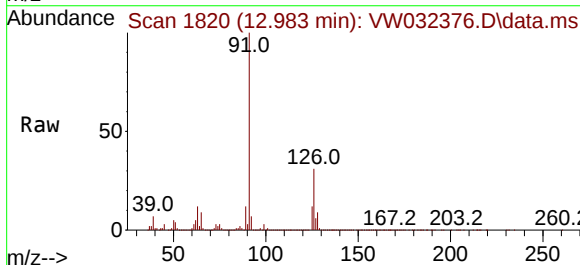
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

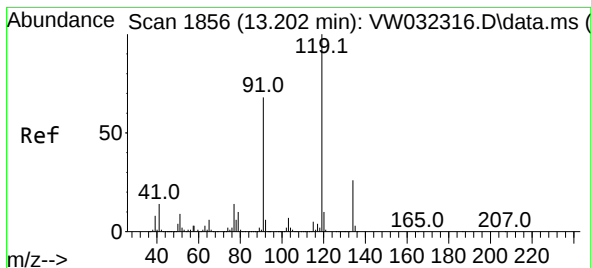
Tgt Ion: 75 Resp: 63709
Ion Ratio Lower Upper
75 100
53 99.9 91.0 136.6
89 44.4 39.4 59.2



#82
4-Chlorotoluene
Concen: 50.360 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VW032376.D
Acq: 07 Oct 2025 14:57

Tgt Ion: 91 Resp: 685288
Ion Ratio Lower Upper
91 100
126 32.0 16.1 48.2

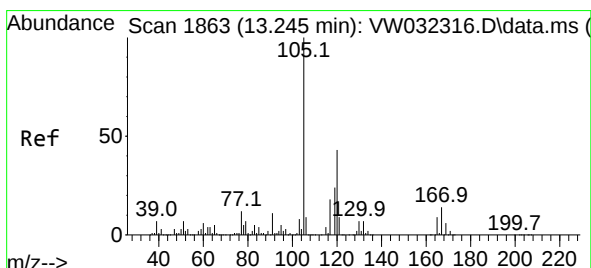
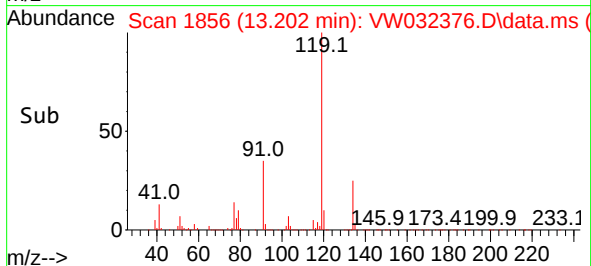
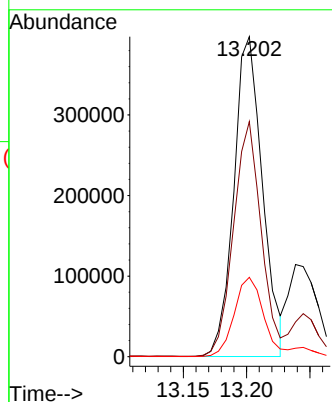
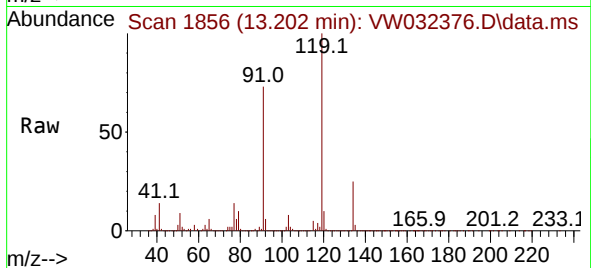




#83
 tert-Butylbenzene
 Concen: 52.574 ug/l
 RT: 13.202 min Scan# 1856
 Delta R.T. -0.000 min
 Lab File: VW032376.D
 Acq: 07 Oct 2025 14:57

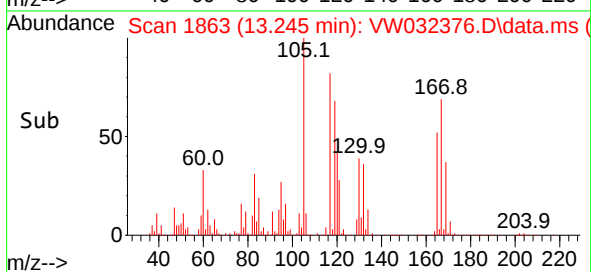
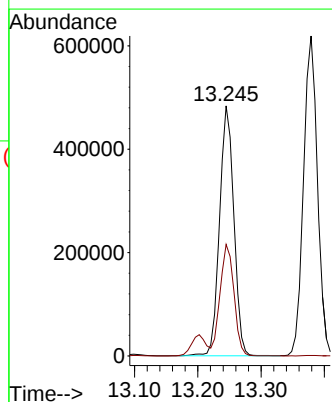
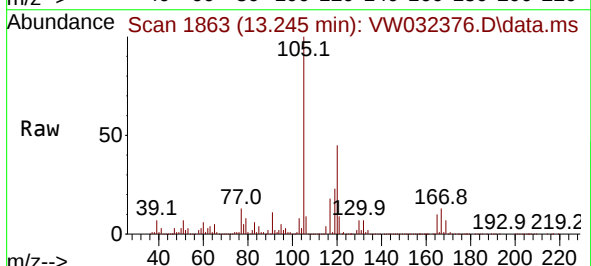
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

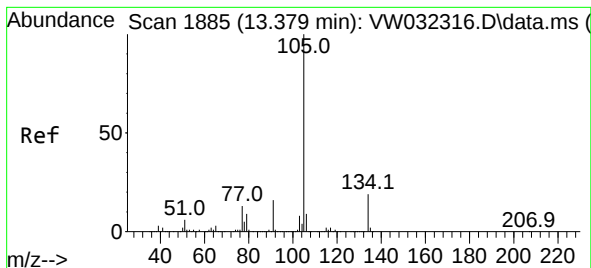
Tgt Ion:119 Resp: 625078
 Ion Ratio Lower Upper
 119 100
 91 70.9 33.8 101.3
 134 25.4 12.5 37.5



#84
 1,2,4-Trimethylbenzene
 Concen: 51.200 ug/l
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW032376.D
 Acq: 07 Oct 2025 14:57

Tgt Ion:105 Resp: 754395
 Ion Ratio Lower Upper
 105 100
 120 43.3 22.1 66.3

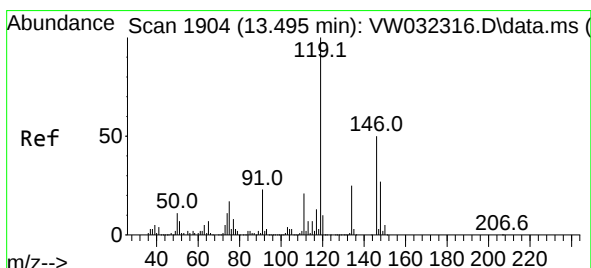
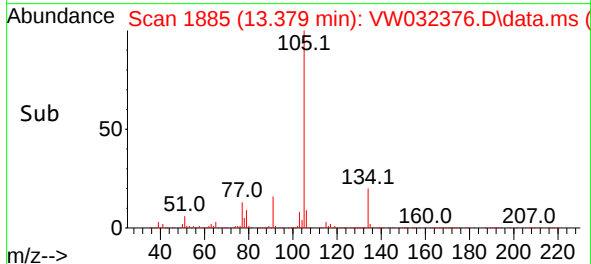
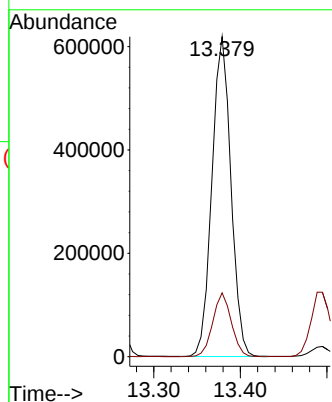
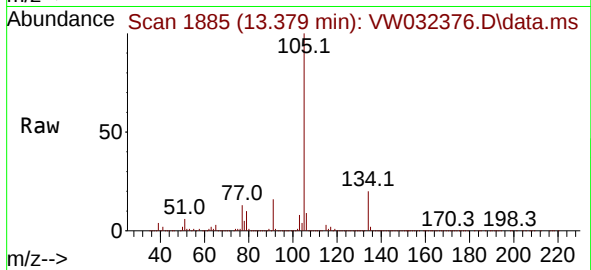




#85
 sec-Butylbenzene
 Concen: 51.803 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VW032376.D
 Acq: 07 Oct 2025 14:57

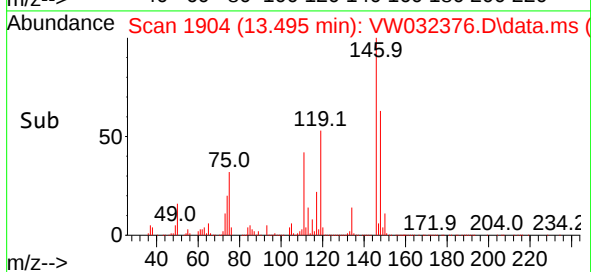
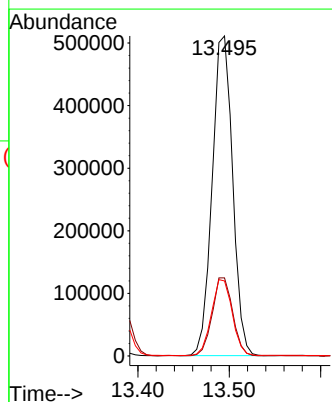
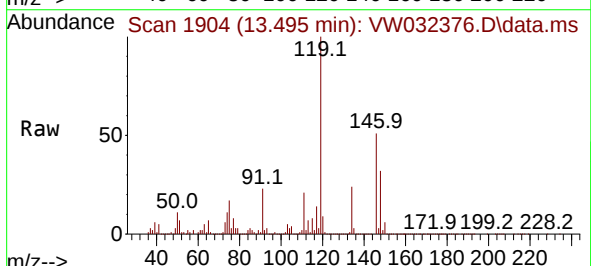
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

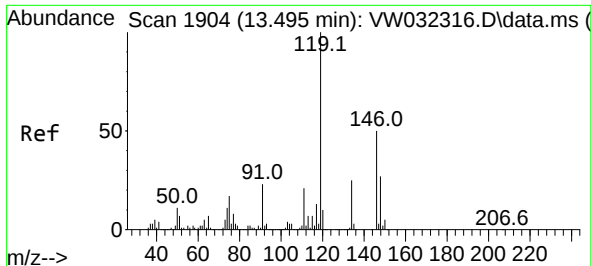
Tgt Ion:105 Resp: 941222
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 52.596 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VW032376.D
 Acq: 07 Oct 2025 14:57

Tgt Ion:119 Resp: 792932
 Ion Ratio Lower Upper
 119 100
 134 24.4 12.6 37.6
 91 24.1 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 49.502 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032376.D

Acq: 07 Oct 2025 14:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

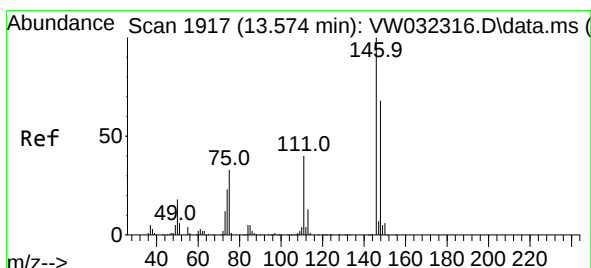
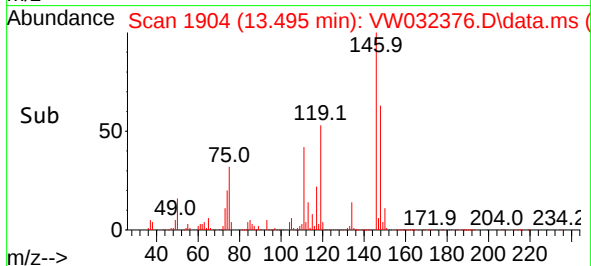
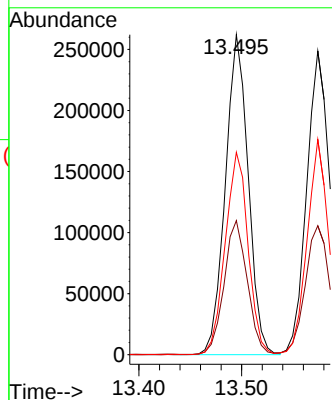
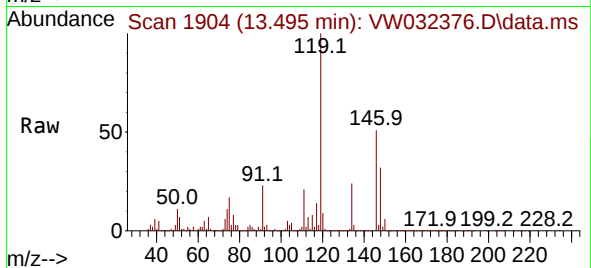
Tgt Ion:146 Resp: 404922

Ion Ratio Lower Upper

146 100

111 42.2 20.6 61.9

148 63.3 30.6 92.0



#88

1,4-Dichlorobenzene

Concen: 47.383 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032376.D

Acq: 07 Oct 2025 14:57

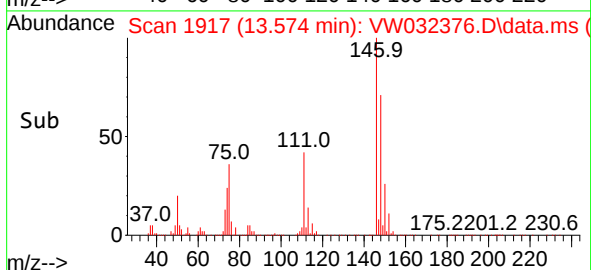
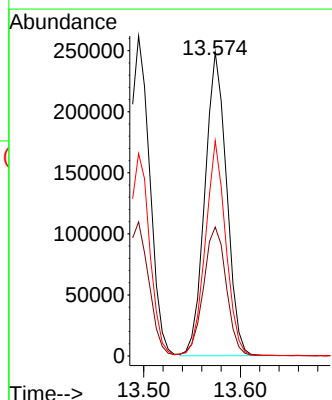
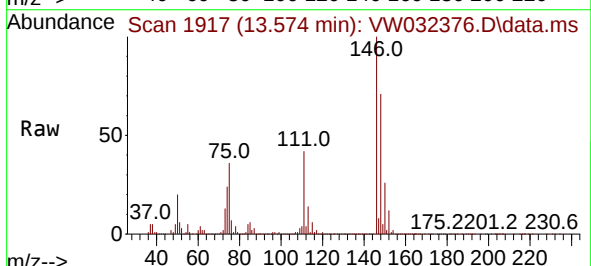
Tgt Ion:146 Resp: 387551

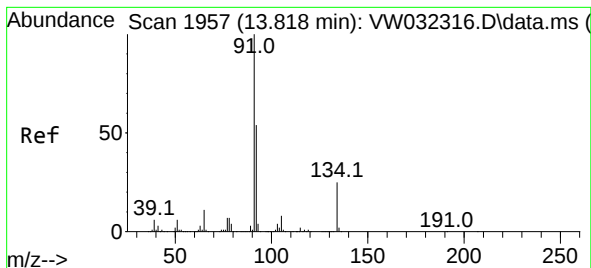
Ion Ratio Lower Upper

146 100

111 44.4 21.3 63.7

148 66.9 33.4 100.1





#89

n-Butylbenzene

Concen: 53.403 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VW032376.D

Acq: 07 Oct 2025 14:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

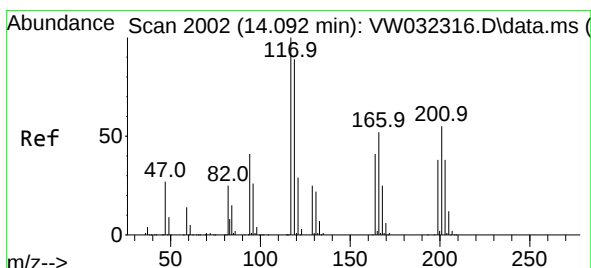
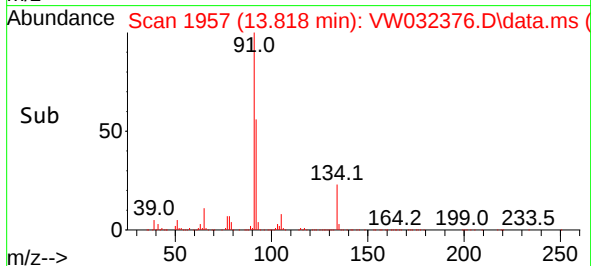
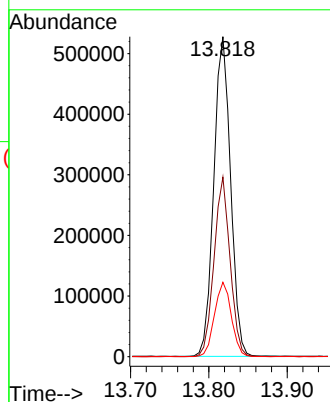
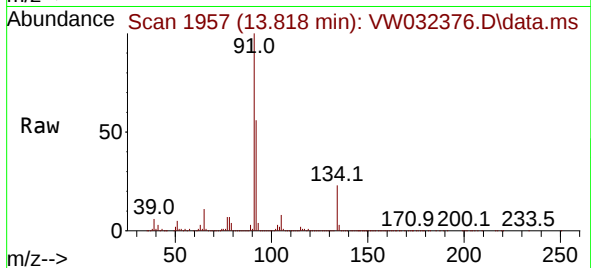
Tgt Ion: 91 Resp: 786064

Ion Ratio Lower Upper

91 100

92 53.7 27.0 81.0

134 23.3 13.1 39.3



#90

Hexachloroethane

Concen: 50.780 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. -0.000 min

Lab File: VW032376.D

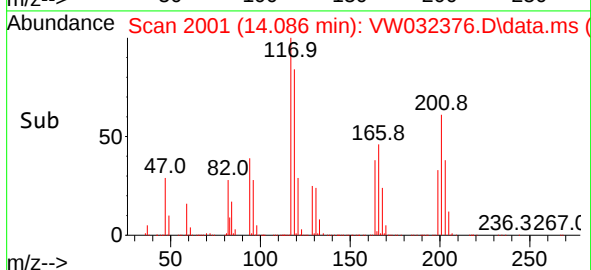
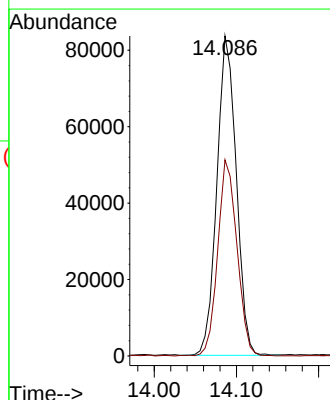
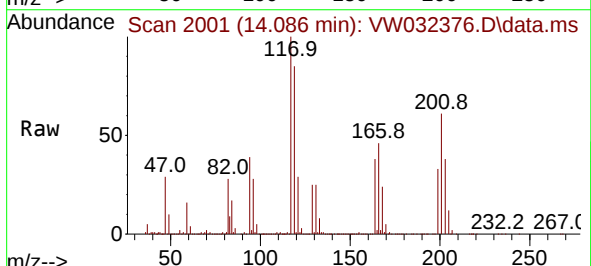
Acq: 07 Oct 2025 14:57

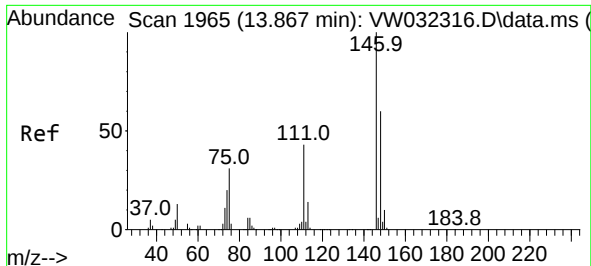
Tgt Ion: 117 Resp: 137220

Ion Ratio Lower Upper

117 100

201 61.2 32.8 98.4





#91

1,2-Dichlorobenzene

Concen: 49.038 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW032376.D

Acq: 07 Oct 2025 14:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

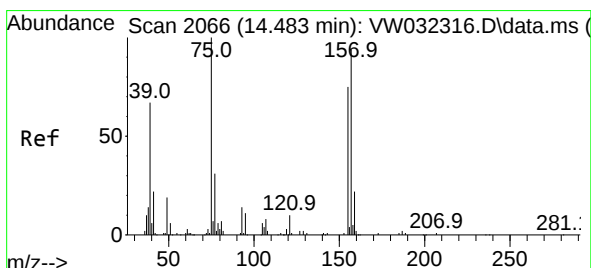
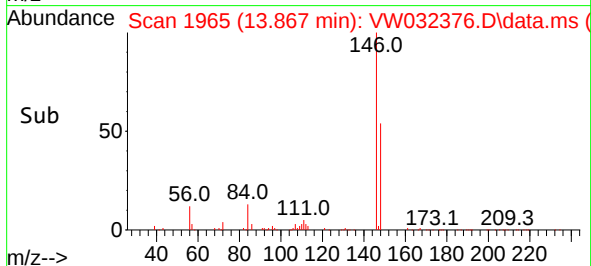
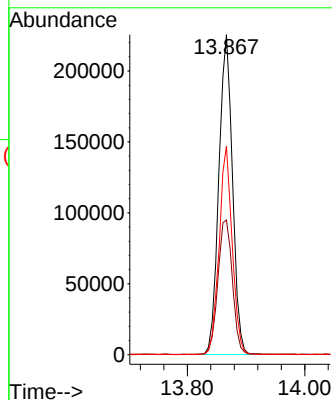
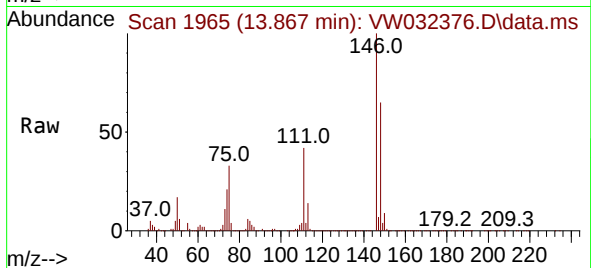
Tgt Ion:146 Resp: 362598

Ion Ratio Lower Upper

146 100

111 44.4 23.4 70.0

148 62.5 34.1 102.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.259 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW032376.D

Acq: 07 Oct 2025 14:57

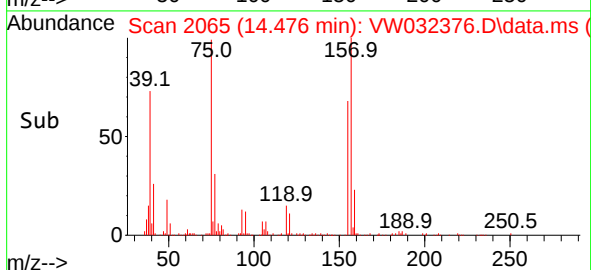
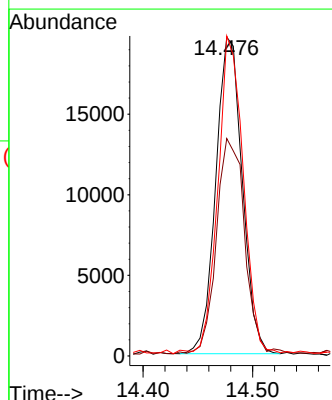
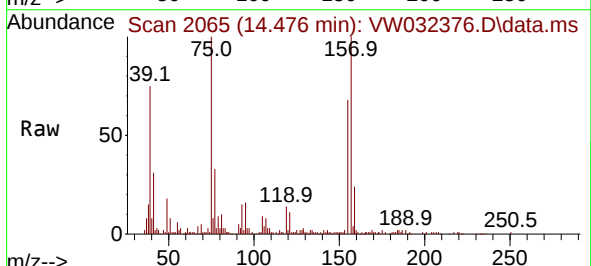
Tgt Ion: 75 Resp: 32972

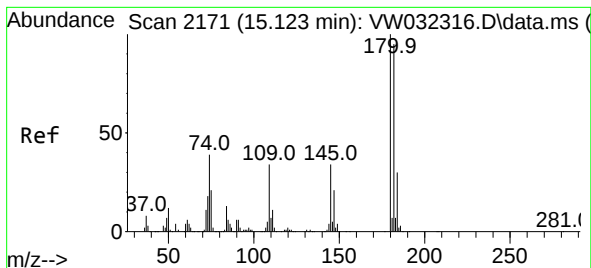
Ion Ratio Lower Upper

75 100

155 72.5 40.8 122.5

157 96.4 51.8 155.4





#93

1,2,4-Trichlorobenzene

Concen: 50.337 ug/l

RT: 15.129 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VW032376.D

Acq: 07 Oct 2025 14:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

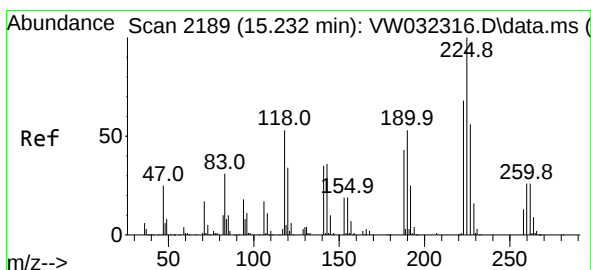
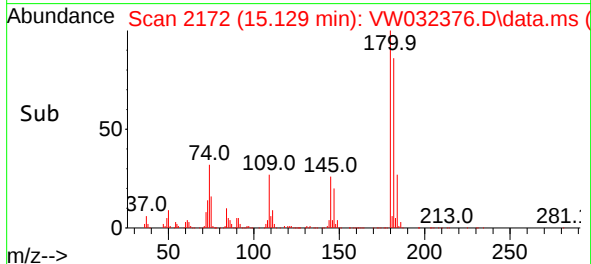
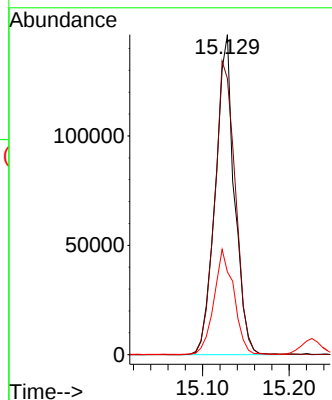
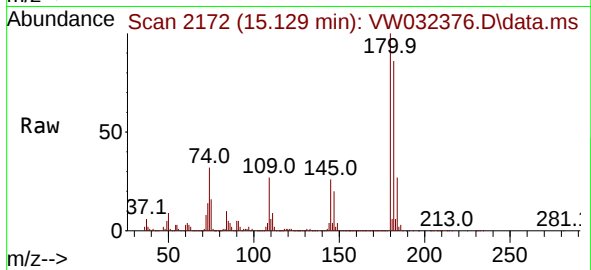
Tgt Ion:180 Resp: 223189

Ion Ratio Lower Upper

180 100

182 100.2 47.4 142.2

145 34.1 16.4 49.1



#94

Hexachlorobutadiene

Concen: 49.230 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. -0.000 min

Lab File: VW032376.D

Acq: 07 Oct 2025 14:57

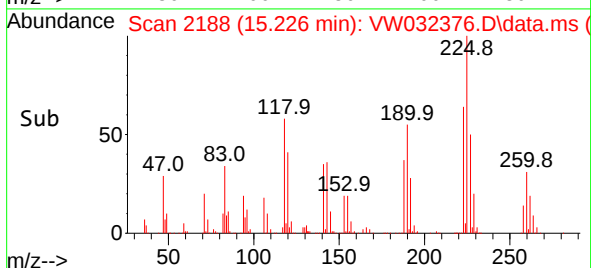
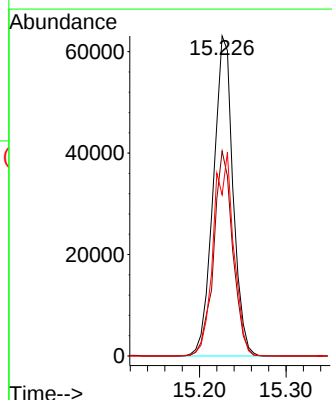
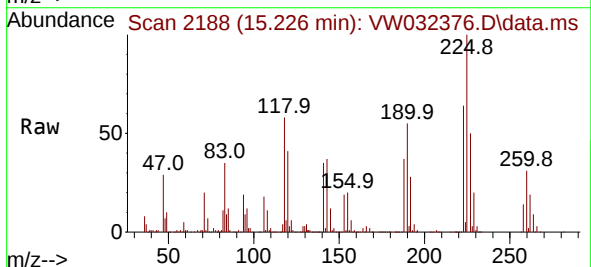
Tgt Ion:225 Resp: 99798

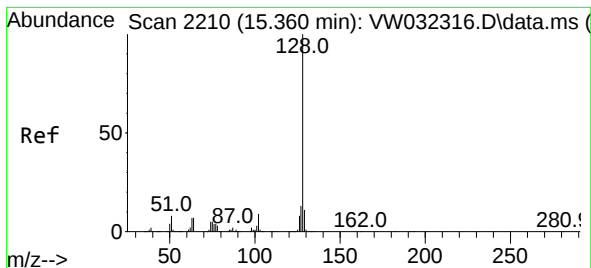
Ion Ratio Lower Upper

225 100

223 62.0 29.8 89.3

227 64.9 30.5 91.5





#95

Naphthalene

Concen: 51.412 ug/l

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW032376.D

Acq: 07 Oct 2025 14:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

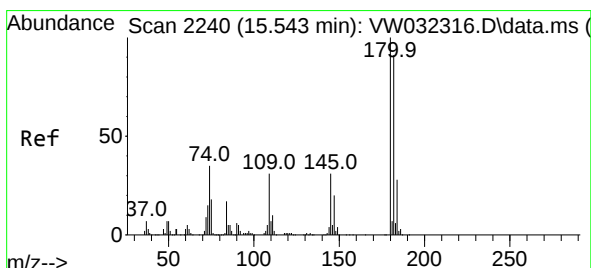
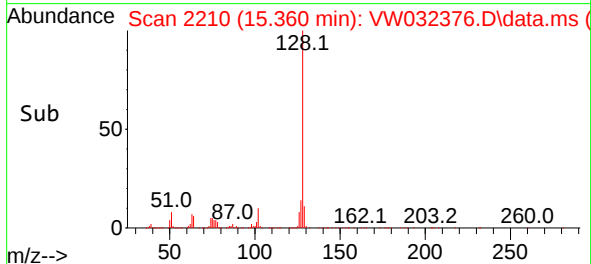
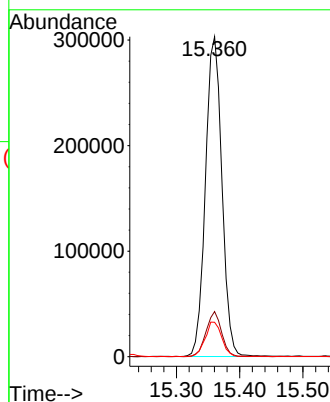
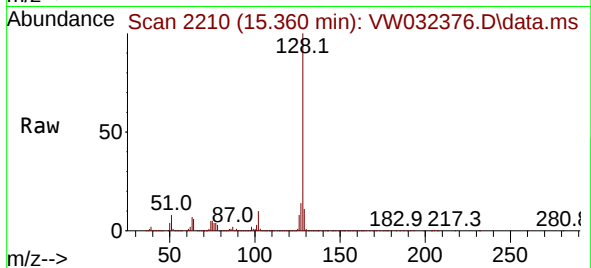
Tgt Ion:128 Resp: 547435

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 10.9 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 47.776 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW032376.D

Acq: 07 Oct 2025 14:57

Tgt Ion:180 Resp: 199664

Ion Ratio Lower Upper

180 100

182 98.5 47.7 143.1

145 37.2 17.2 51.6

