

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100325\
 Data File : VW032339.D
 Acq On : 03 Oct 2025 09:13
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 04 04:56:50 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	275706	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	492762	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	456443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	225457	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	197832	49.196	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	98.400%
35) Dibromofluoromethane	7.898	113	162268	50.849	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	101.700%
50) Toluene-d8	10.325	98	610504	51.835	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	103.660%
62) 4-Bromofluorobenzene	12.617	95	230099	51.688	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	103.380%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	74115	42.839	ug/l	98
3) Chloromethane	2.253	50	118976	44.568	ug/l	100
4) Vinyl Chloride	2.405	62	167510	52.559	ug/l	99
5) Bromomethane	2.820	94	118267	50.496	ug/l	97
6) Chloroethane	2.966	64	107846	51.254	ug/l	100
7) Trichlorofluoromethane	3.302	101	116012	48.616	ug/l	94
8) Diethyl Ether	3.716	74	108700	52.568	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.094	101	148234	51.791	ug/l	94
10) Methyl Iodide	4.308	142	224973	55.089	ug/l	98
11) Tert butyl alcohol	5.210	59	78377	257.490	ug/l	97
12) 1,1-Dichloroethene	4.076	96	164602	52.973	ug/l	90
13) Acrolein	3.923	56	104268	211.066	ug/l	99
14) Allyl chloride	4.704	41	281065	53.554	ug/l	90
15) Acrylonitrile	5.393	53	275712	256.302	ug/l	99
16) Acetone	4.155	43	281838	253.114	ug/l	99
17) Carbon Disulfide	4.417	76	459943	54.250	ug/l	100
18) Methyl Acetate	4.704	43	140838	44.154	ug/l	97
19) Methyl tert-butyl Ether	5.460	73	332228	54.285	ug/l	97
20) Methylene Chloride	4.948	84	211067	58.131	ug/l	94
21) trans-1,2-Dichloroethene	5.460	96	184168	53.534	ug/l	97
22) Diisopropyl ether	6.338	45	590351	54.087	ug/l	93
23) Vinyl Acetate	6.277	43	2004159	274.902	ug/l	99
24) 1,1-Dichloroethane	6.240	63	346574	52.264	ug/l	99
25) 2-Butanone	7.191	43	375249	247.443	ug/l	100
26) 2,2-Dichloropropane	7.185	77	185910	54.809	ug/l	100
27) cis-1,2-Dichloroethene	7.185	96	218882	52.962	ug/l	93
28) Bromochloromethane	7.526	49	157086	50.350	ug/l	88
29) Tetrahydrofuran	7.551	42	242680	254.466	ug/l	95
30) Chloroform	7.691	83	367840	54.696	ug/l	98
31) Cyclohexane	7.965	56	283633	50.102	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	260061	54.571	ug/l	99
36) 1,1-Dichloropropene	8.093	75	247037	54.852	ug/l	99
37) Ethyl Acetate	7.270	43	161434	53.852	ug/l	97
38) Carbon Tetrachloride	8.075	117	231384	54.597	ug/l	98
39) Methylcyclohexane	9.343	83	300835	55.378	ug/l	97
40) Benzene	8.331	78	772626	54.732	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	95282	58.979	ug/l	87
42) 1,2-Dichloroethane	8.410	62	251106	54.363	ug/l	100
43) Isopropyl Acetate	8.435	43	290322	54.594	ug/l	99
44) Trichloroethene	9.099	130	175032	52.953	ug/l	98
45) 1,2-Dichloropropane	9.374	63	192621	54.666	ug/l	97
46) Dibromomethane	9.465	93	119456	55.133	ug/l	94
47) Bromodichloromethane	9.648	83	275972	55.687	ug/l	100
48) Methyl methacrylate	9.441	41	138248	53.469	ug/l #	92
49) 1,4-Dioxane	9.459	88	30303	1023.238	ug/l	90
51) 4-Methyl-2-Pentanone	10.209	43	836948	271.726	ug/l	98
52) Toluene	10.392	92	489119	55.638	ug/l	99
53) t-1,3-Dichloropropene	10.605	75	269570	56.068	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	304123	54.914	ug/l	96
55) 1,1,2-Trichloroethane	10.788	97	157524	54.397	ug/l	96
56) Ethyl methacrylate	10.648	69	225639	55.669	ug/l	93
57) 1,3-Dichloropropane	10.934	76	280771	54.896	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	614096	284.680	ug/l	95
59) 2-Hexanone	10.965	43	582275	268.038	ug/l	100
60) Dibromochloromethane	11.129	129	174875	53.184	ug/l	94
61) 1,2-Dibromoethane	11.239	107	151283	53.577	ug/l	99
64) Tetrachloroethene	10.861	164	137947	50.507	ug/l	93
65) Chlorobenzene	11.660	112	535356	53.307	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.733	131	165857	53.023	ug/l	97
67) Ethyl Benzene	11.727	91	931216	55.627	ug/l	99
68) m/p-Xylenes	11.837	106	718283	111.272	ug/l	100
69) o-Xylene	12.166	106	339821	56.292	ug/l	99
70) Styrene	12.178	104	583617	55.373	ug/l	100
71) Bromoform	12.349	173	93024	51.883	ug/l #	98
73) Isopropylbenzene	12.458	105	836649	54.241	ug/l	99
74) N-amyl acetate	12.270	43	262756	53.398	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	196881	51.406	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	252041	84.951	ug/l	39
77) Bromobenzene	12.745	156	200397	53.896	ug/l	92
78) n-propylbenzene	12.800	91	1058560	54.940	ug/l	97
79) 2-Chlorotoluene	12.885	91	641871	54.484	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	724225	54.299	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.507	75	63642	54.341	ug/l	94
82) 4-Chlorotoluene	12.989	91	672167	53.665	ug/l	99
83) tert-Butylbenzene	13.202	119	619939	56.649	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	733435	54.079	ug/l	100
85) sec-Butylbenzene	13.379	105	907595	54.270	ug/l	99
86) p-Isopropyltoluene	13.495	119	776020	55.923	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	403770	53.628	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	375840	49.923	ug/l	98
89) n-Butylbenzene	13.818	91	745424	55.019	ug/l	99
90) Hexachloroethane	14.086	117	133119	53.520	ug/l	94
91) 1,2-Dichlorobenzene	13.867	146	366331	53.824	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.476	75	32966	49.162	ug/l	91
93) 1,2,4-Trichlorobenzene	15.129	180	213186	52.236	ug/l	99
94) Hexachlorobutadiene	15.232	225	97863	52.448	ug/l	98
95) Naphthalene	15.360	128	536788	54.769	ug/l	100
96) 1,2,3-Trichlorobenzene	15.549	180	195919	50.931	ug/l	98

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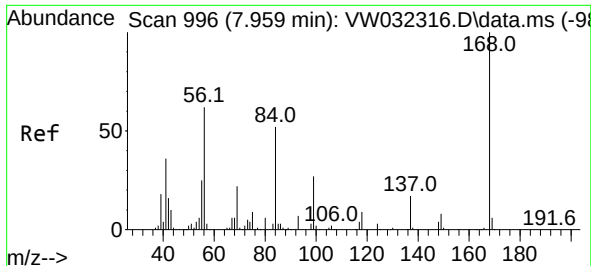
Quant Time: Oct 04 04:56:50 2025
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QLast Update : Thu Oct 02 21:24:16 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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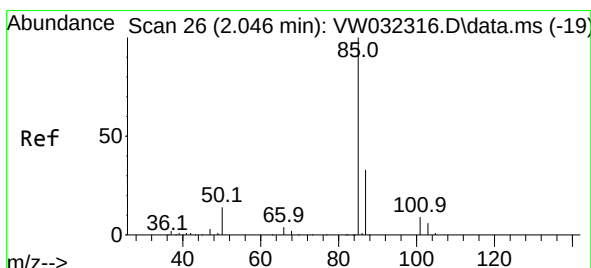
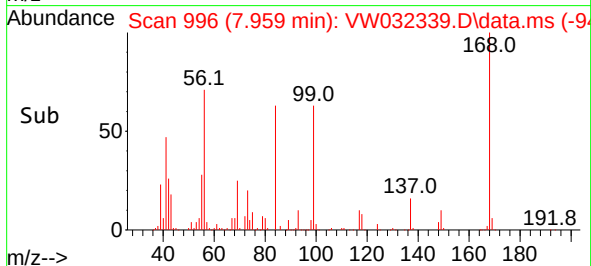
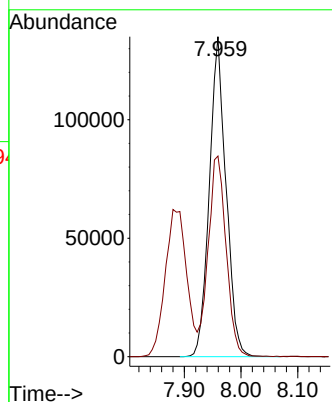
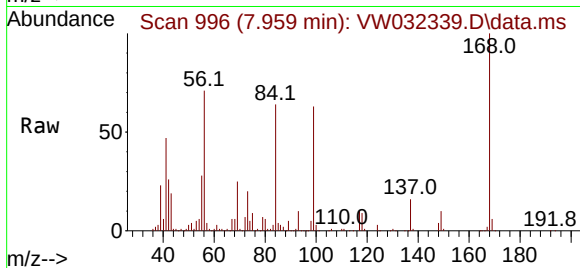




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW032339.D
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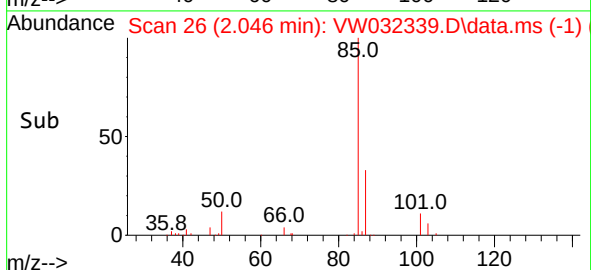
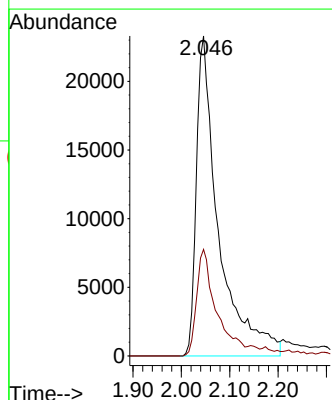
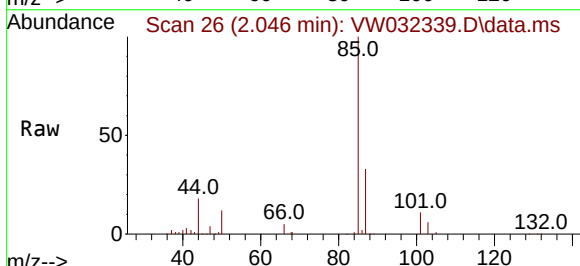
Instrument :
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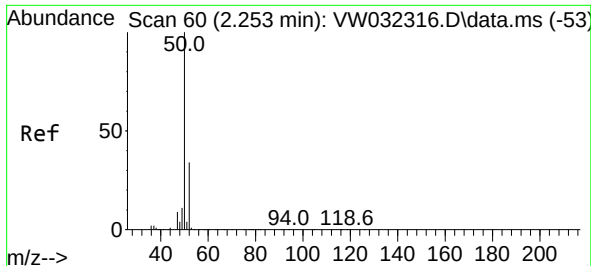
Tgt Ion:168 Resp: 275706
Ion Ratio Lower Upper
168 100
99 62.6 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 42.839 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

Tgt Ion: 85 Resp: 74115
Ion Ratio Lower Upper
85 100
87 33.3 17.2 51.6

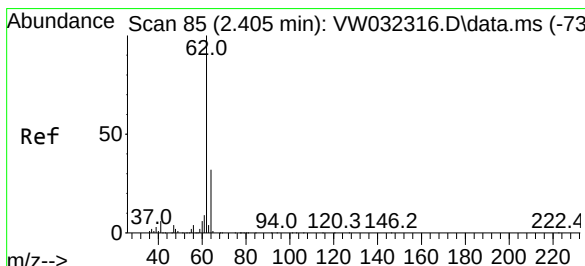
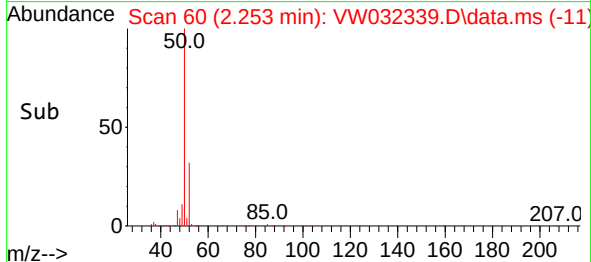
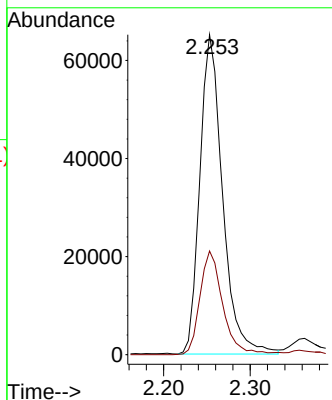
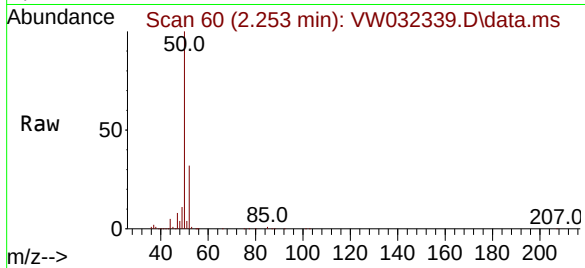




#3
Chloromethane
Concen: 44.568 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.000 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

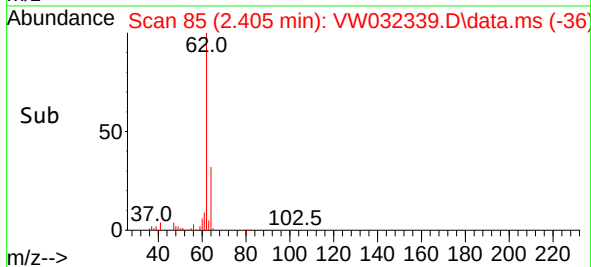
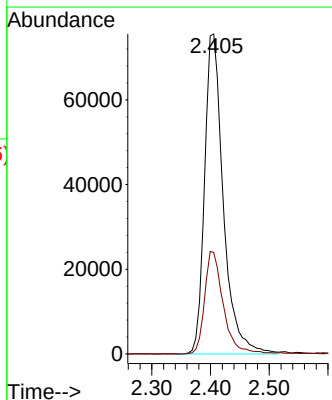
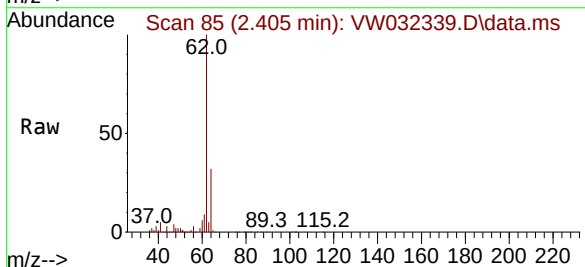
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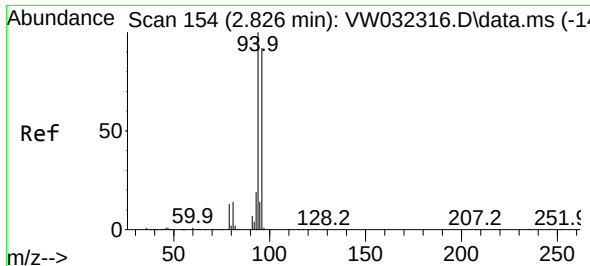
Tgt Ion: 50 Resp: 118976
Ion Ratio Lower Upper
50 100
52 32.4 26.1 39.1



#4
Vinyl Chloride
Concen: 52.559 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

Tgt Ion: 62 Resp: 167510
Ion Ratio Lower Upper
62 100
64 31.7 24.8 37.2

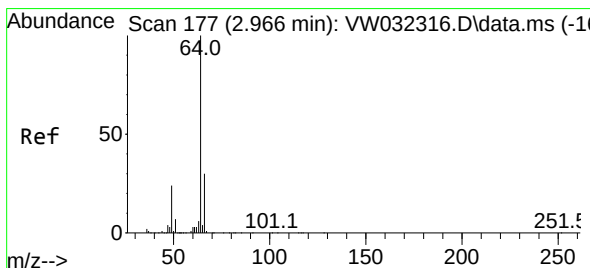
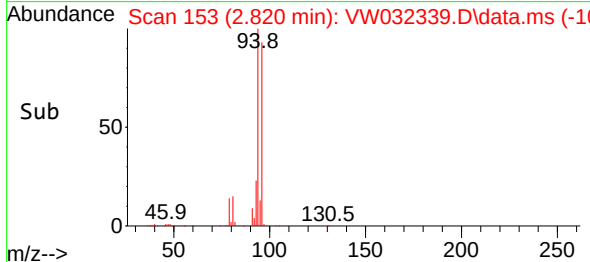
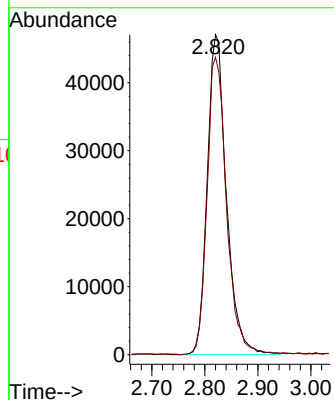
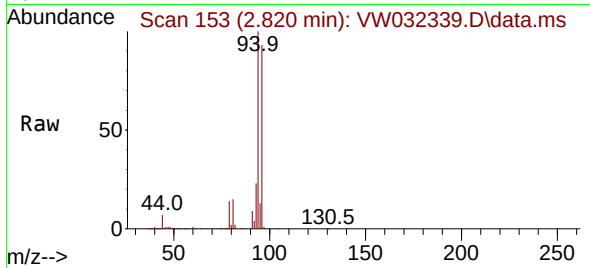




#5
Bromomethane
Concen: 50.496 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

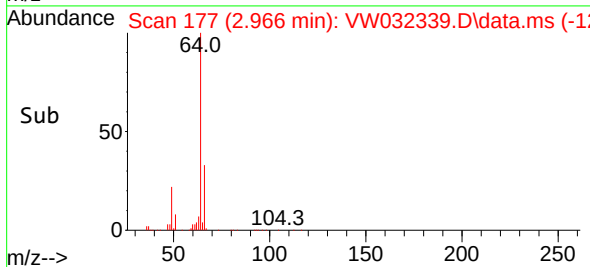
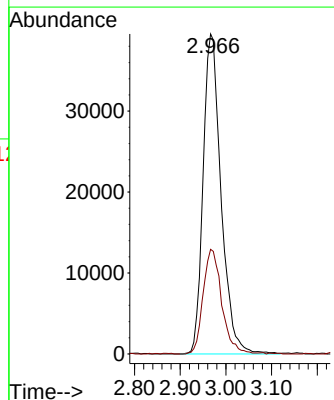
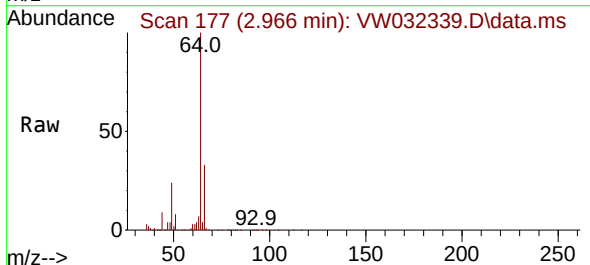
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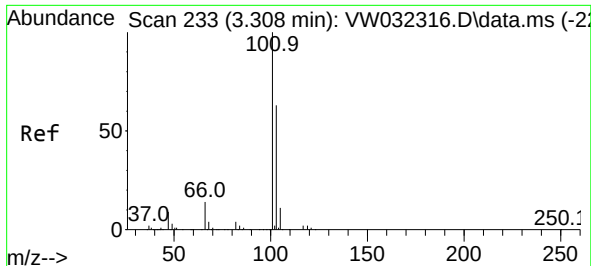
Tgt Ion: 94 Resp: 118267
Ion Ratio Lower Upper
94 100
96 93.0 76.6 115.0



#6
Chloroethane
Concen: 51.254 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

Tgt Ion: 64 Resp: 107846
Ion Ratio Lower Upper
64 100
66 32.7 26.2 39.4

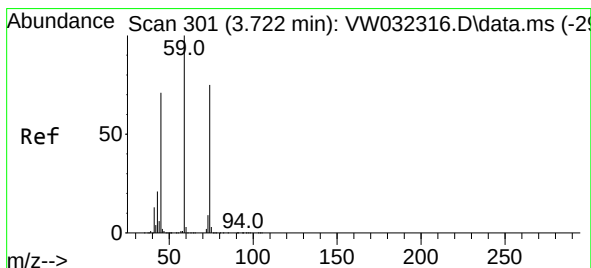
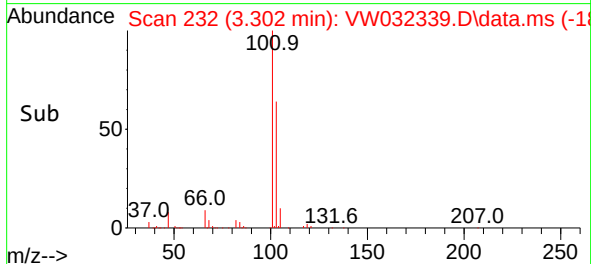
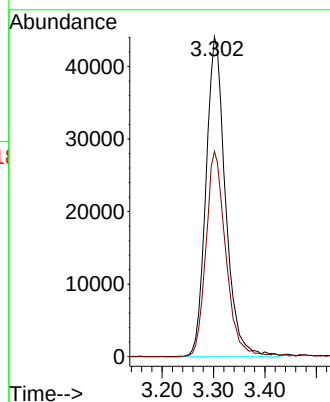
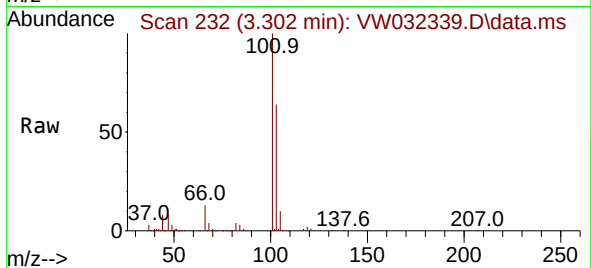




#7
Trichlorofluoromethane
Concen: 48.616 ug/l
RT: 3.302 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

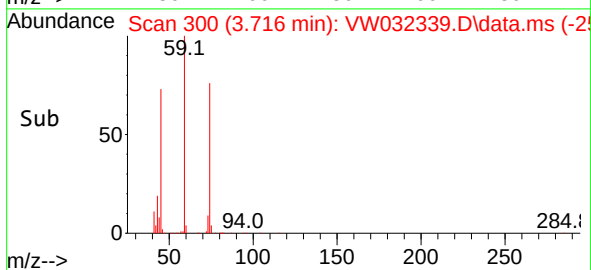
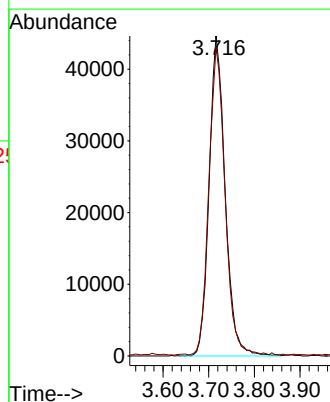
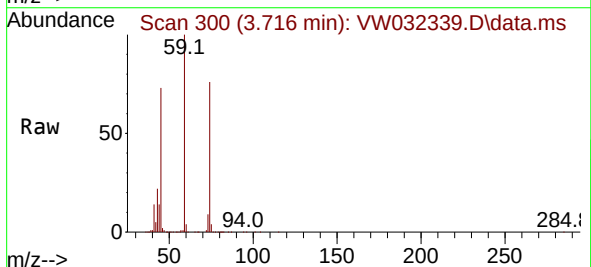
Instrument :
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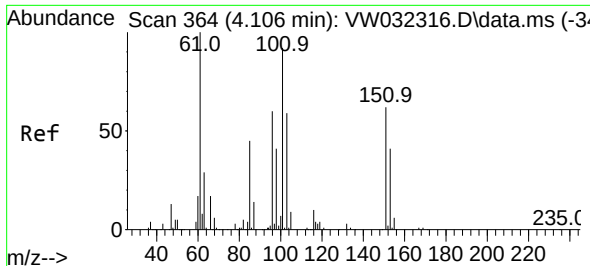
Tgt Ion:101 Resp: 116012
Ion Ratio Lower Upper
101 100
103 64.0 47.8 71.8



#8
Diethyl Ether
Concen: 52.568 ug/l
RT: 3.716 min Scan# 300
Delta R.T. -0.000 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

Tgt Ion: 74 Resp: 108700
Ion Ratio Lower Upper
74 100
45 97.1 43.1 129.4

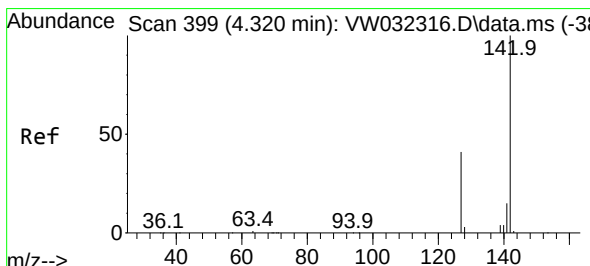
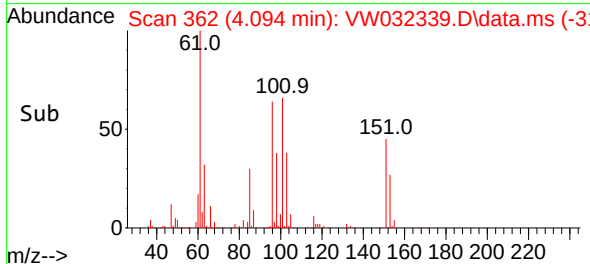
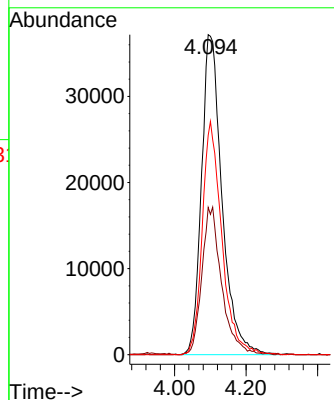
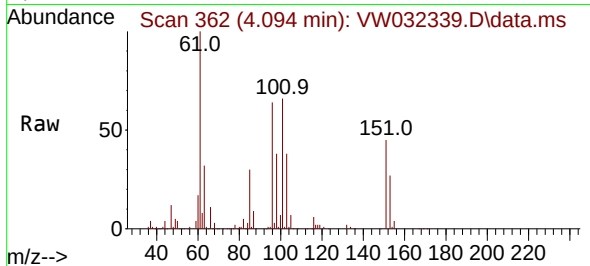




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.791 ug/l
RT: 4.094 min Scan# 30
Delta R.T. -0.012 min
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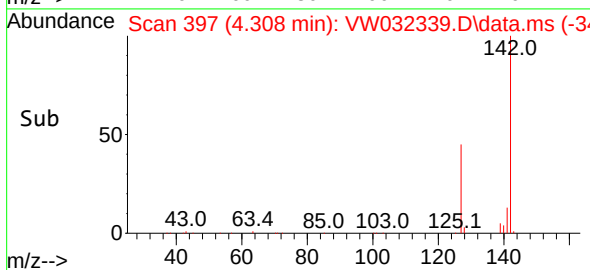
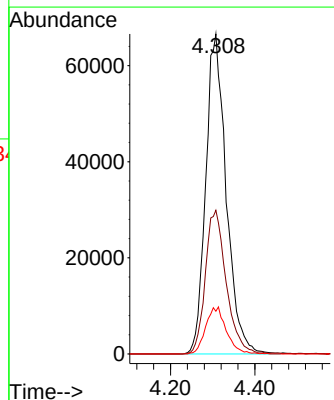
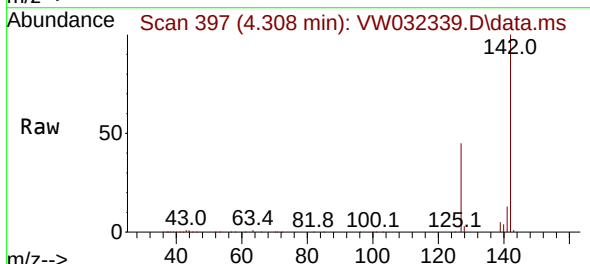
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

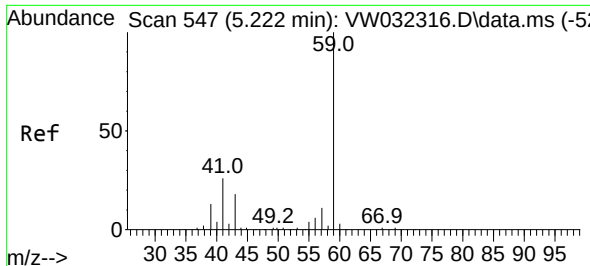
Tgt Ion:101 Resp: 148234
Ion Ratio Lower Upper
101 100
85 44.5 37.1 55.7
151 69.5 61.5 92.3



#10
Methyl Iodide
Concen: 55.089 ug/l
RT: 4.308 min Scan# 397
Delta R.T. -0.006 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

Tgt Ion:142 Resp: 224973
Ion Ratio Lower Upper
142 100
127 45.7 38.2 57.2
141 14.8 12.2 18.2

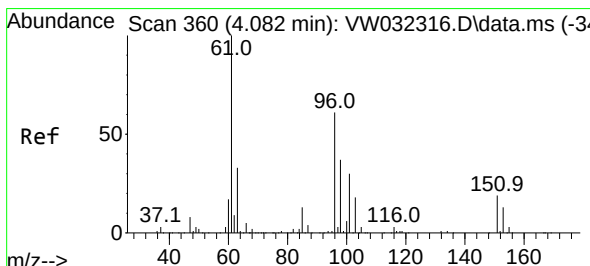
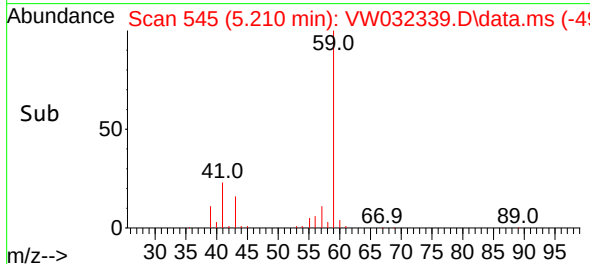
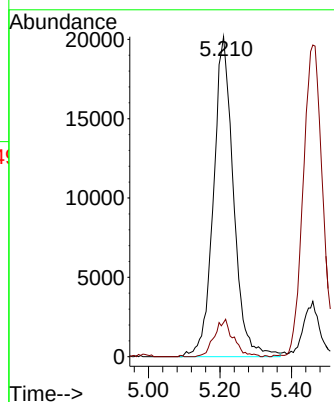
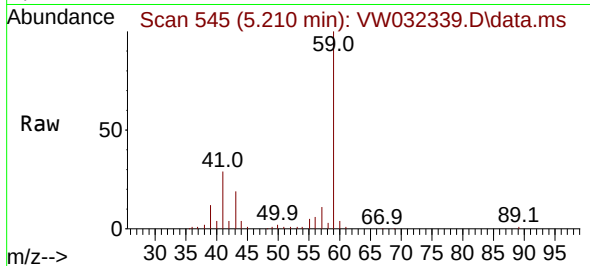




#11
Tert butyl alcohol
Concen: 257.490 ug/l
RT: 5.210 min Scan# 54
Delta R.T. -0.012 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

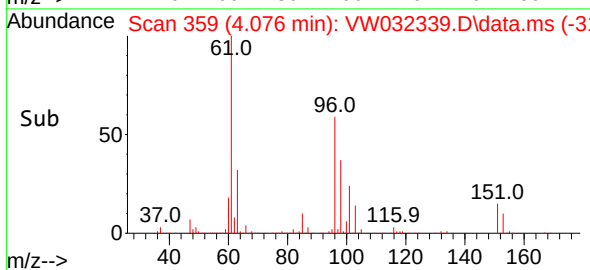
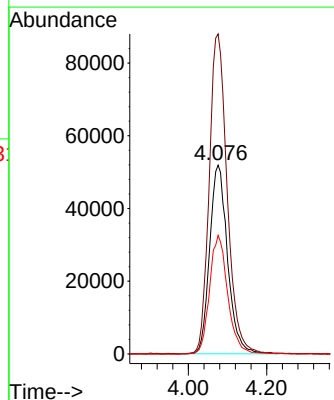
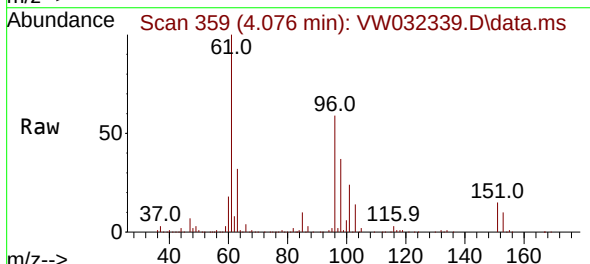
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

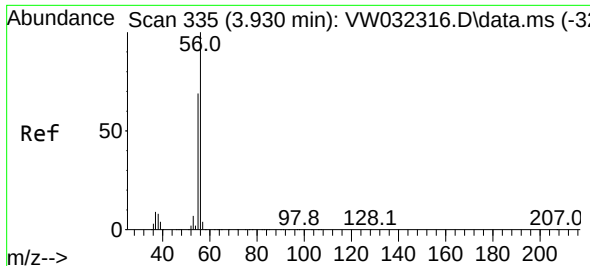
Tgt Ion: 59 Resp: 78377
Ion Ratio Lower Upper
59 100
57 11.1 9.8 14.6



#12
1,1-Dichloroethene
Concen: 52.973 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

Tgt Ion: 96 Resp: 164602
Ion Ratio Lower Upper
96 100
61 169.6 123.0 184.4
98 62.8 48.5 72.7

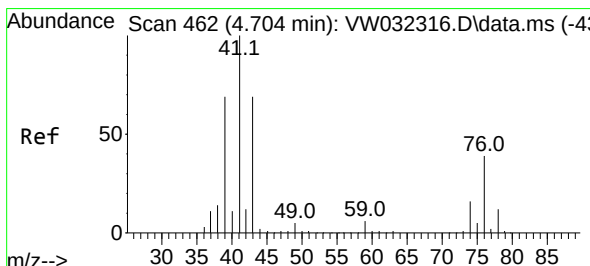
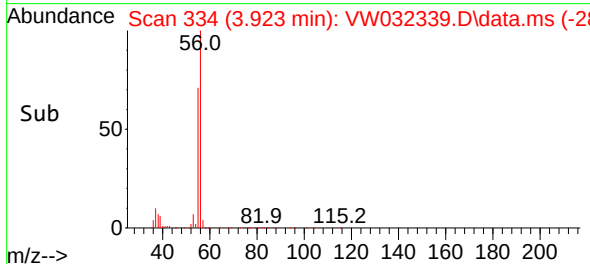
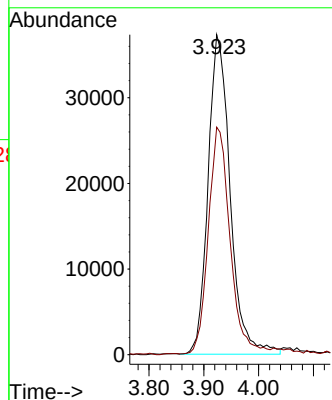
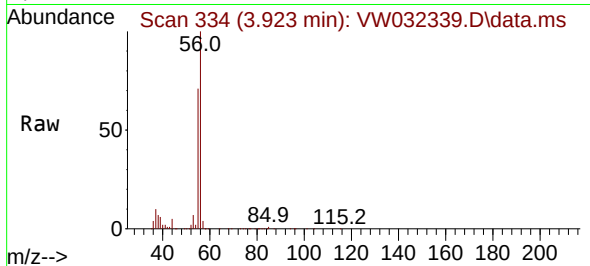




#13
Acrolein
Concen: 211.066 ug/l
RT: 3.923 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

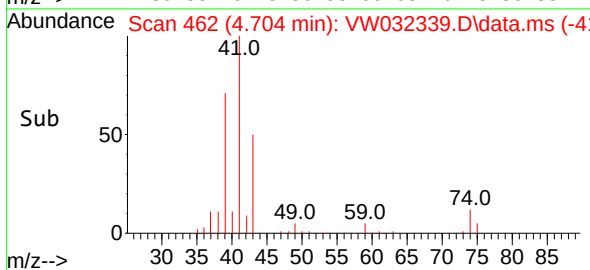
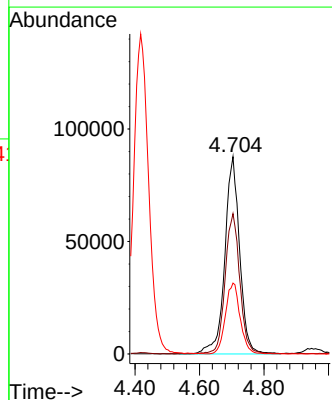
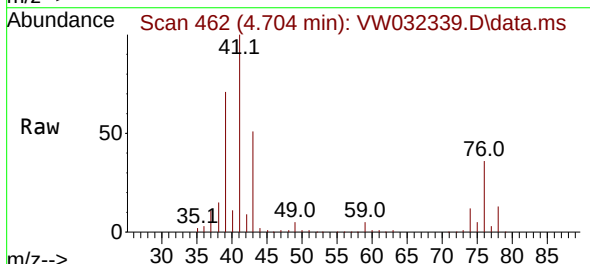
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

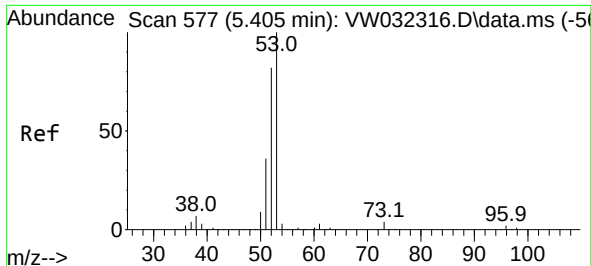
Tgt Ion: 56 Resp: 104268
Ion Ratio Lower Upper
56 100
55 69.7 56.4 84.6



#14
Allyl chloride
Concen: 53.554 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.000 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

Tgt Ion: 41 Resp: 281065
Ion Ratio Lower Upper
41 100
39 70.1 64.1 96.1
76 35.5 31.4 47.2

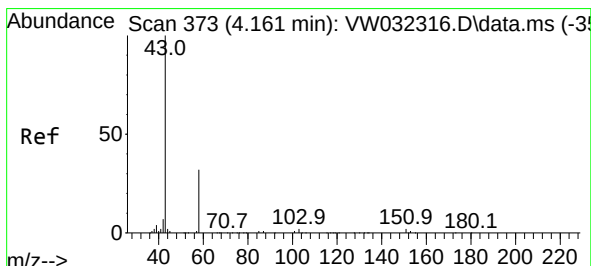
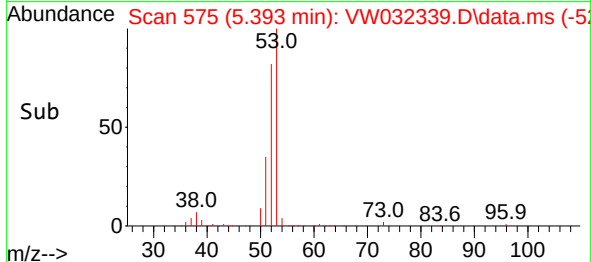
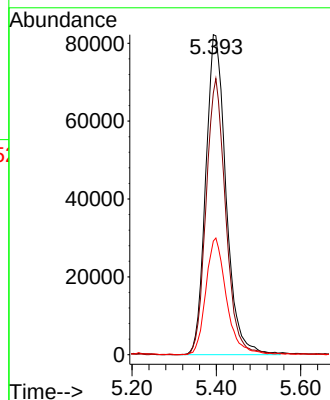
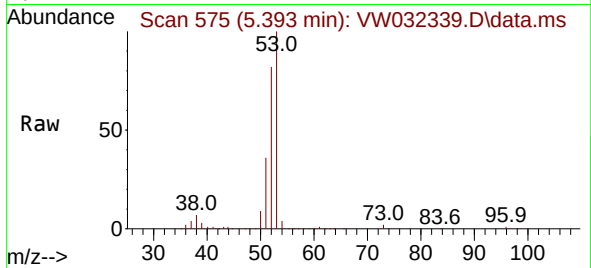




#15
Acrylonitrile
Concen: 256.302 ug/l
RT: 5.393 min Scan# 51
Delta R.T. -0.012 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

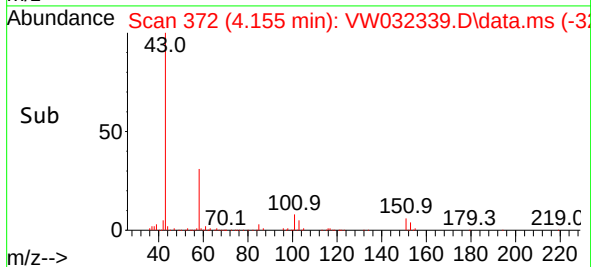
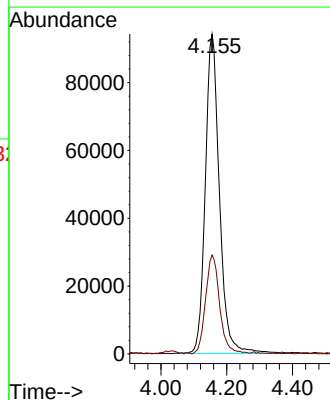
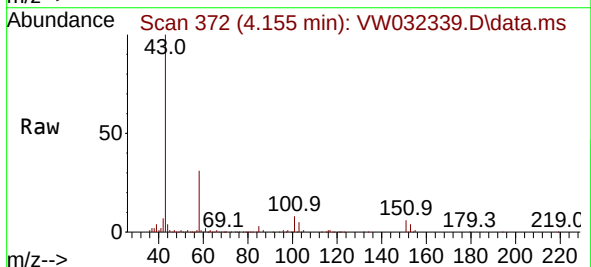
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

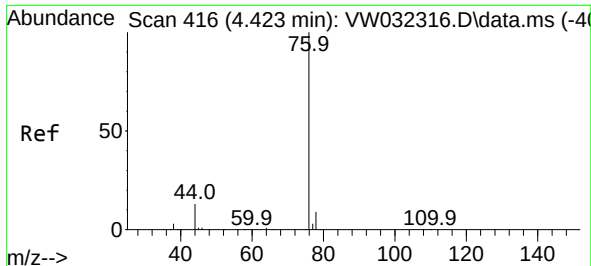
Tgt Ion: 53 Resp: 275712
Ion Ratio Lower Upper
53 100
52 83.3 67.4 101.2
51 37.0 30.3 45.5



#16
Acetone
Concen: 253.114 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.006 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

Tgt Ion: 43 Resp: 281838
Ion Ratio Lower Upper
43 100
58 30.8 25.3 37.9

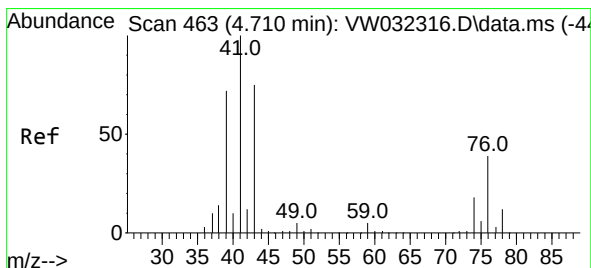
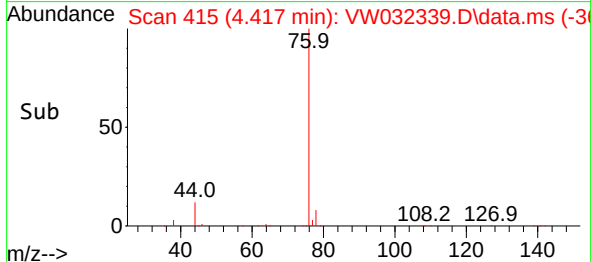
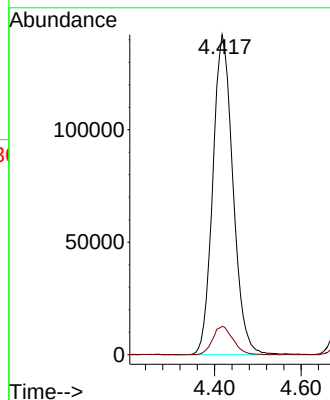
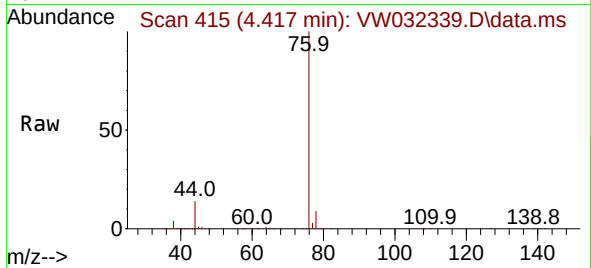




#17
Carbon Disulfide
Concen: 54.250 ug/l
RT: 4.417 min Scan# 415
Delta R.T. -0.006 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

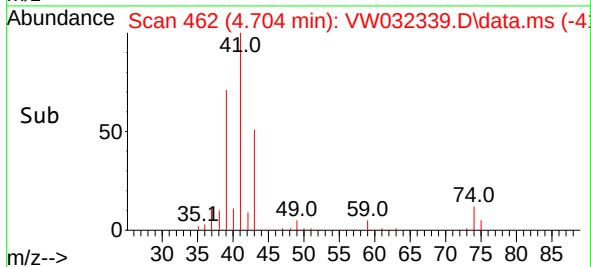
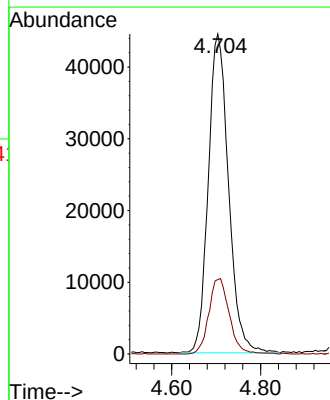
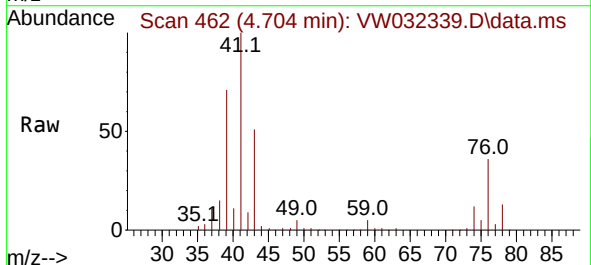
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

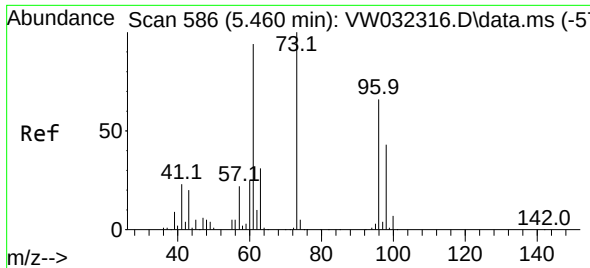
Tgt Ion: 76 Resp: 459943
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#18
Methyl Acetate
Concen: 44.154 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

Tgt Ion: 43 Resp: 140838
Ion Ratio Lower Upper
43 100
74 23.9 20.2 30.4

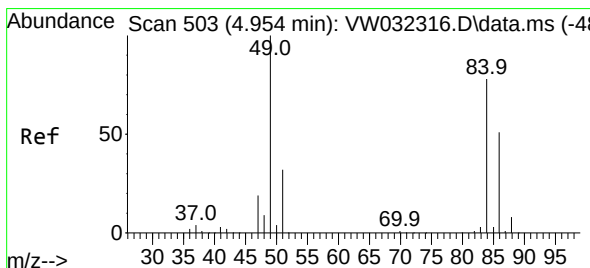
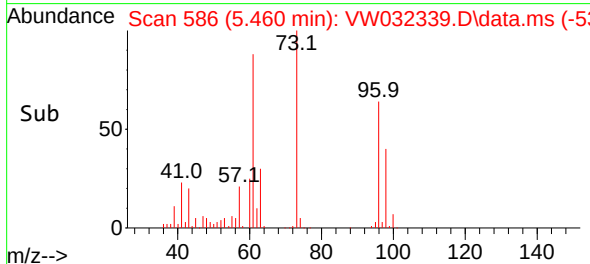
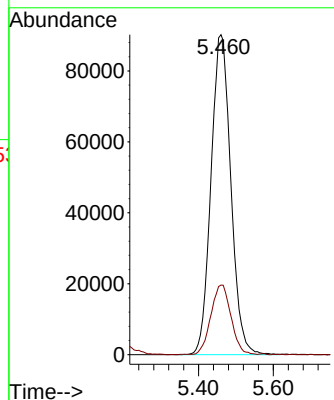
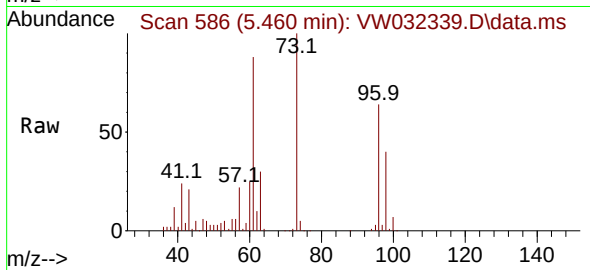




#19
Methyl tert-butyl Ether
Concen: 54.285 ug/l
RT: 5.460 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

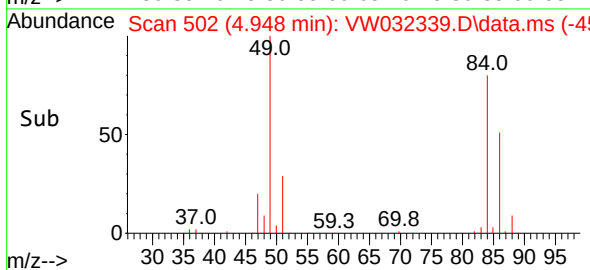
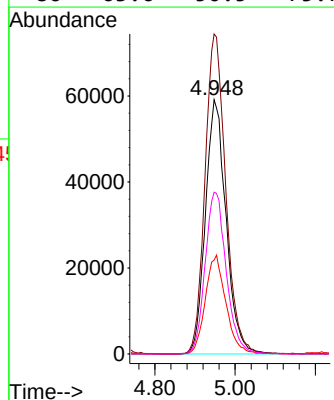
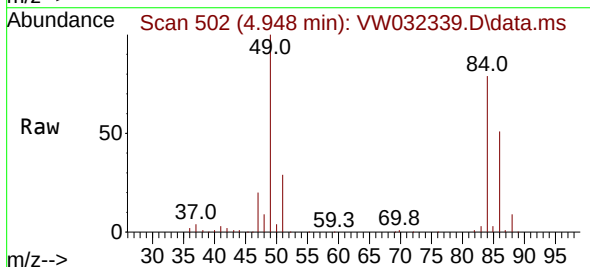
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

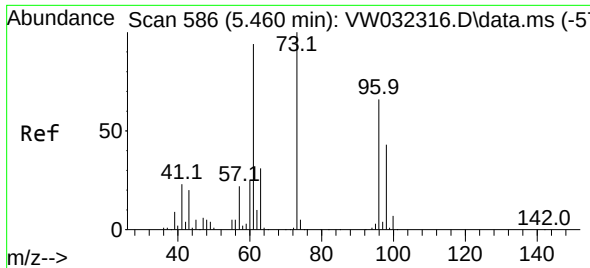
Tgt Ion: 73 Resp: 332228
Ion Ratio Lower Upper
73 100
57 21.7 16.2 24.4



#20
Methylene Chloride
Concen: 58.131 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.012 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

Tgt Ion: 84 Resp: 211067
Ion Ratio Lower Upper
84 100
49 125.8 92.2 138.4
51 36.9 31.0 46.6
86 63.6 50.5 75.7

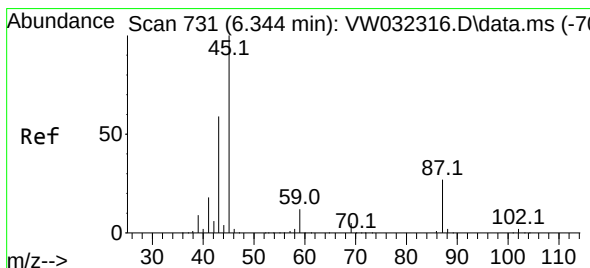
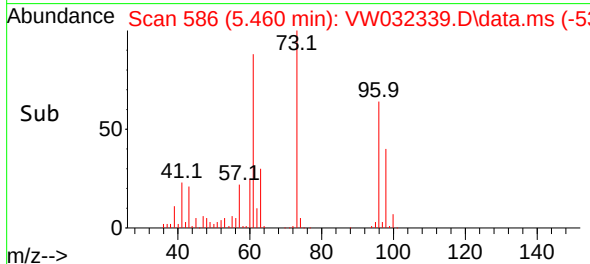
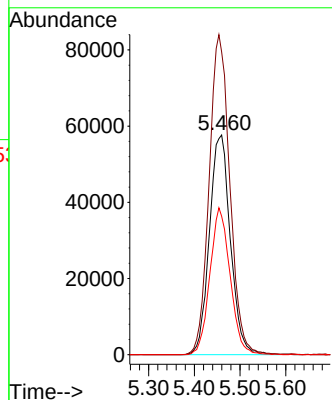
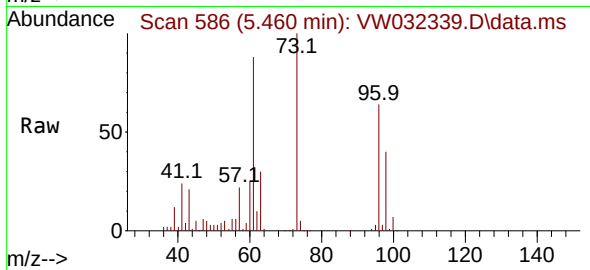




#21
trans-1,2-Dichloroethene
Concen: 53.534 ug/l
RT: 5.460 min Scan# 586
Delta R.T. -0.000 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

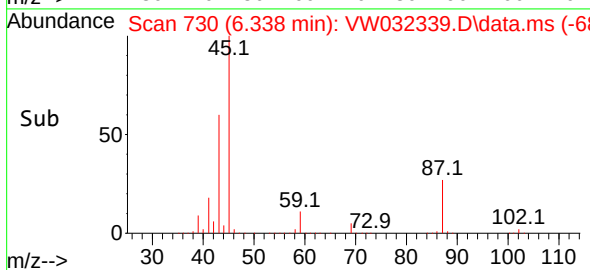
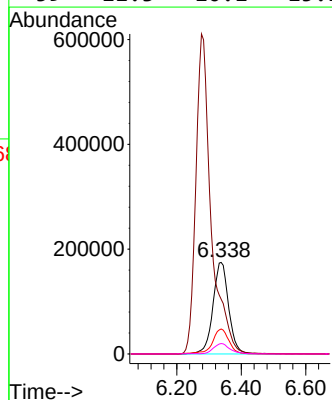
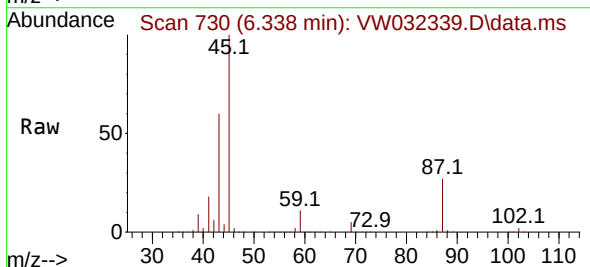
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

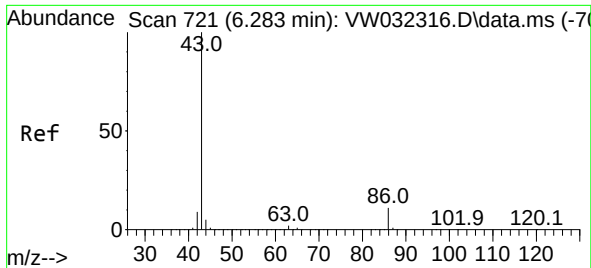
Tgt Ion: 96 Resp: 184168
Ion Ratio Lower Upper
96 100
61 137.8 112.5 168.7
98 63.0 54.2 81.4



#22
Diisopropyl ether
Concen: 54.087 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

Tgt Ion: 45 Resp: 590351
Ion Ratio Lower Upper
45 100
43 59.8 51.4 77.2
87 27.2 25.9 38.9
59 11.3 10.1 15.1

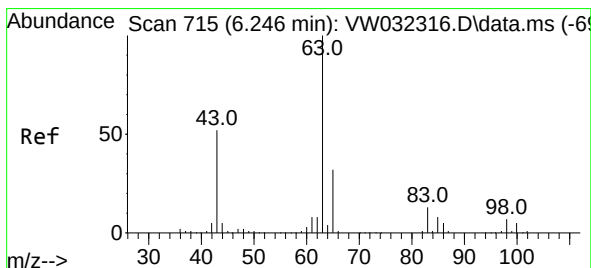
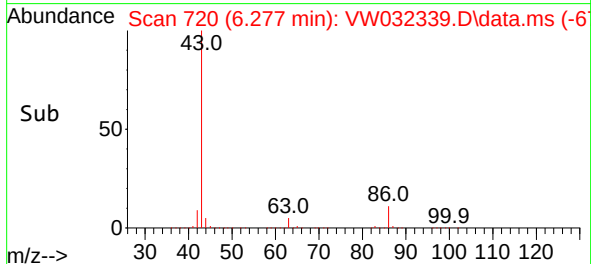
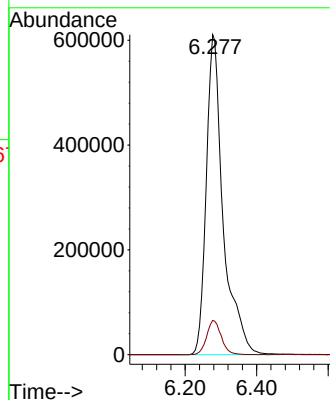
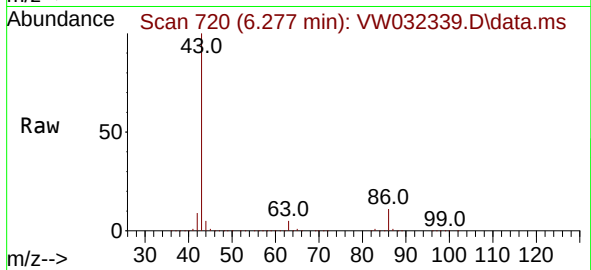




#23
 Vinyl Acetate
 Concen: 274.902 ug/l
 RT: 6.277 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032339.D
 Acq: 03 Oct 2025 09:13

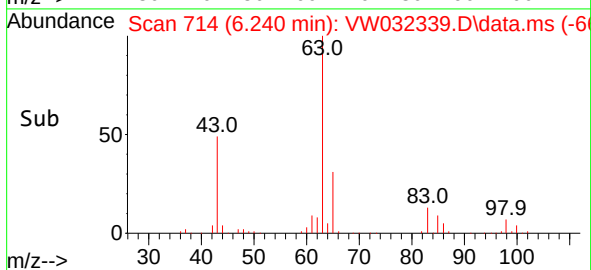
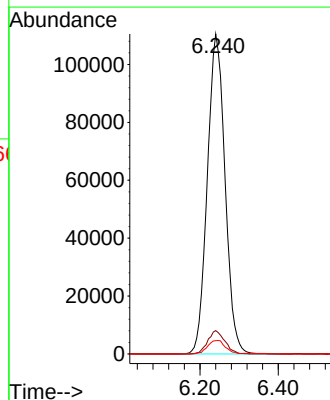
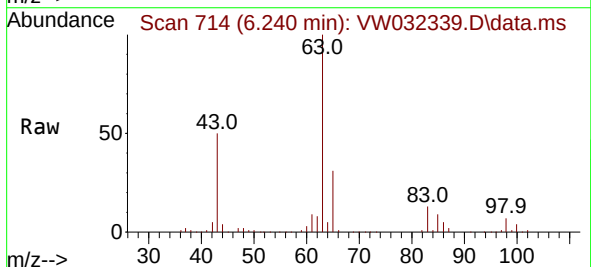
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

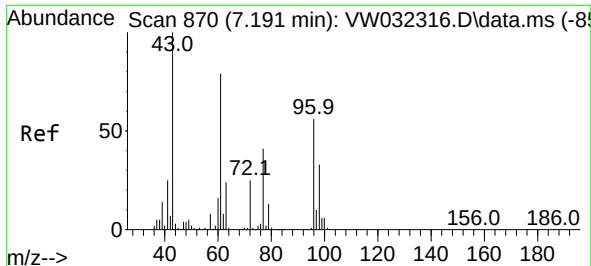
Tgt Ion: 43 Resp: 2004159
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 52.264 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032339.D
 Acq: 03 Oct 2025 09:13

Tgt Ion: 63 Resp: 346574
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.2
 100 4.2 2.5 7.5

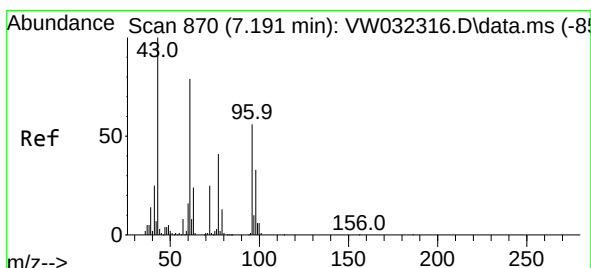
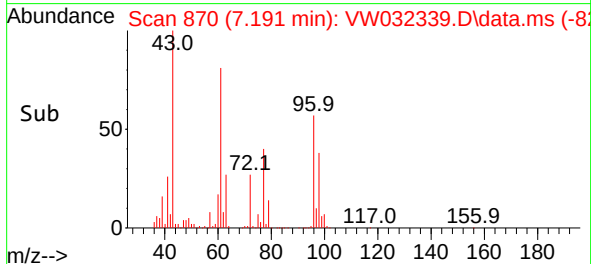
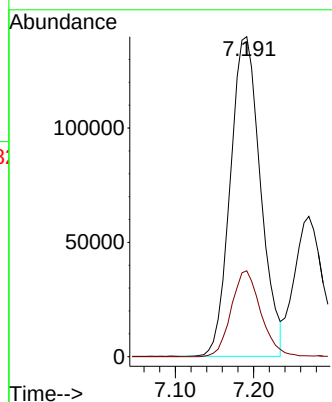
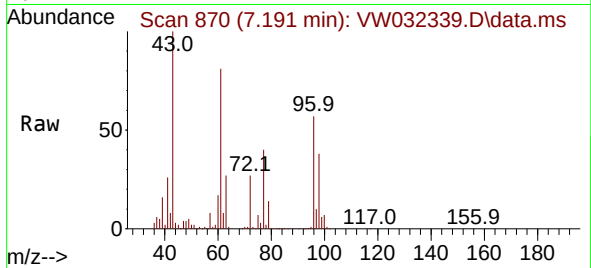




#25
2-Butanone
Concen: 247.443 ug/l
RT: 7.191 min Scan# 81
Delta R.T. 0.000 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

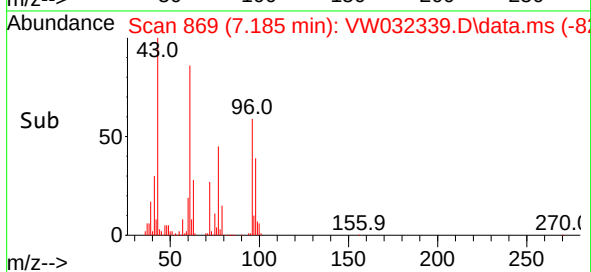
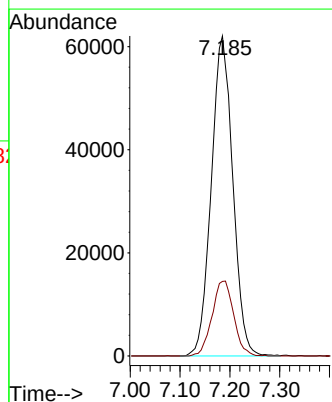
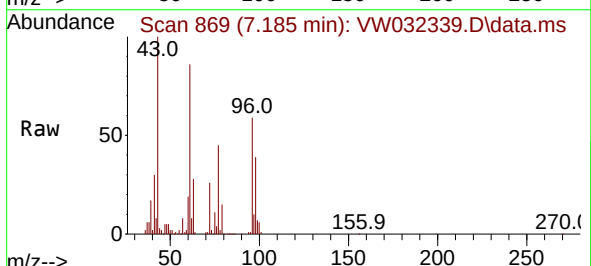
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

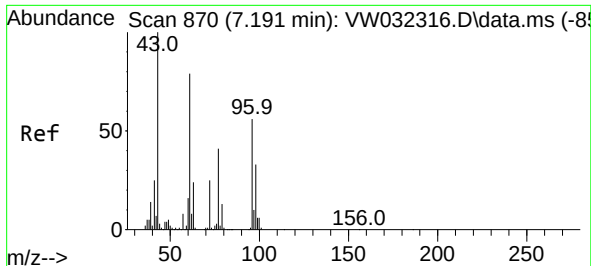
Tgt Ion: 43 Resp: 375249
Ion Ratio Lower Upper
43 100
72 26.9 21.4 32.2



#26
2,2-Dichloropropane
Concen: 54.809 ug/l
RT: 7.185 min Scan# 869
Delta R.T. 0.000 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

Tgt Ion: 77 Resp: 185910
Ion Ratio Lower Upper
77 100
97 23.5 11.9 35.5

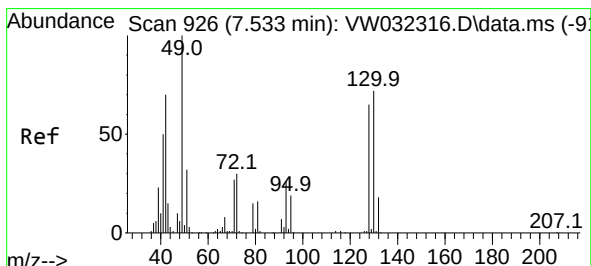
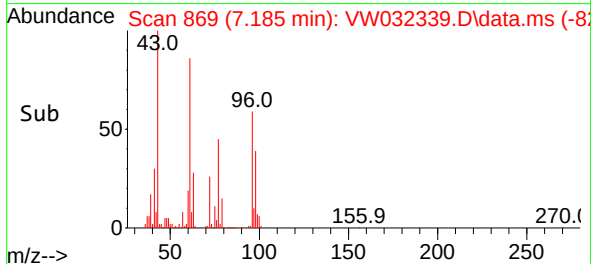
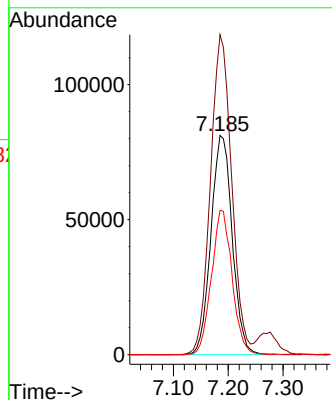
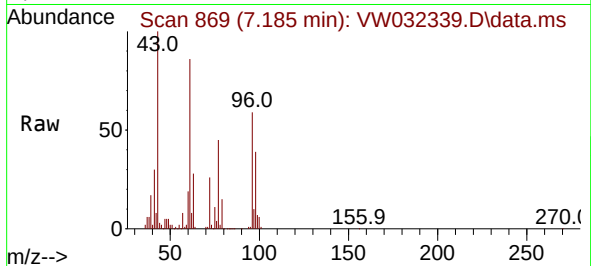




#27
 cis-1,2-Dichloroethene
 Concen: 52.962 ug/l
 RT: 7.185 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VW032339.D
 Acq: 03 Oct 2025 09:13

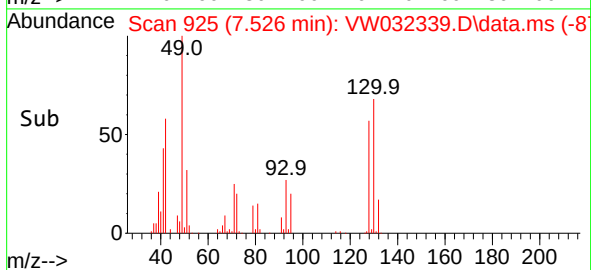
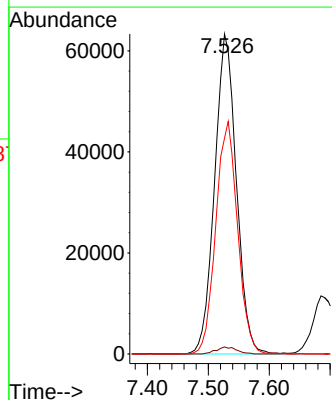
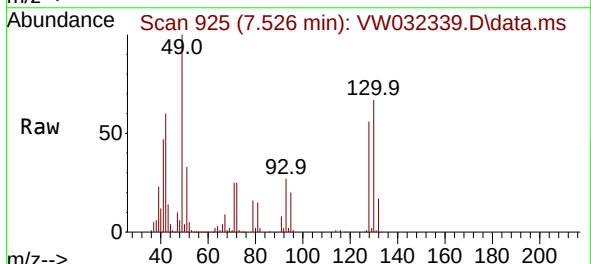
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

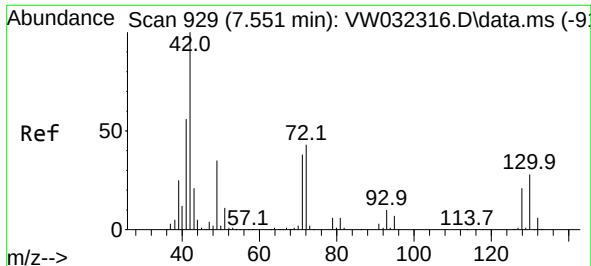
Tgt Ion: 96 Resp: 218882
 Ion Ratio Lower Upper
 96 100
 61 145.0 0.0 268.0
 98 63.9 0.0 130.8



#28
 Bromochloromethane
 Concen: 50.350 ug/l
 RT: 7.526 min Scan# 925
 Delta R.T. -0.006 min
 Lab File: VW032339.D
 Acq: 03 Oct 2025 09:13

Tgt Ion: 49 Resp: 157086
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.2
 130 72.9 67.5 101.3





#29

Tetrahydrofuran

Concen: 254.466 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW032339.D

Acq: 03 Oct 2025 09:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

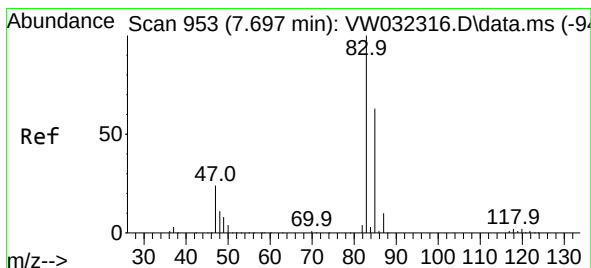
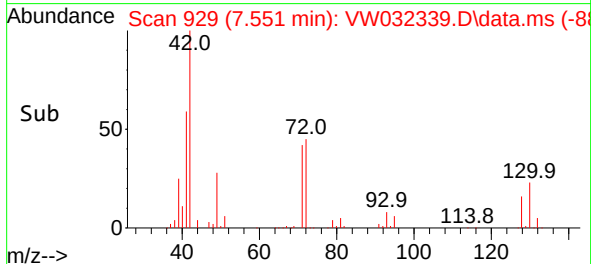
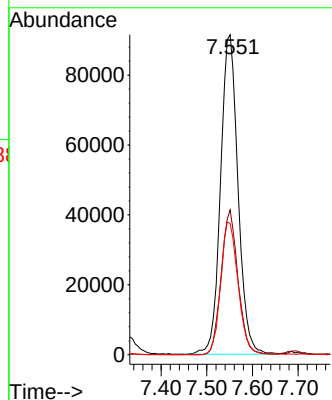
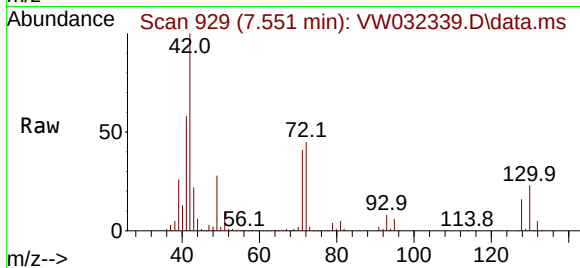
Tgt Ion: 42 Resp: 242680

Ion Ratio Lower Upper

42 100

72 43.8 37.4 56.2

71 41.3 36.0 54.0



#30

Chloroform

Concen: 54.696 ug/l

RT: 7.691 min Scan# 952

Delta R.T. -0.006 min

Lab File: VW032339.D

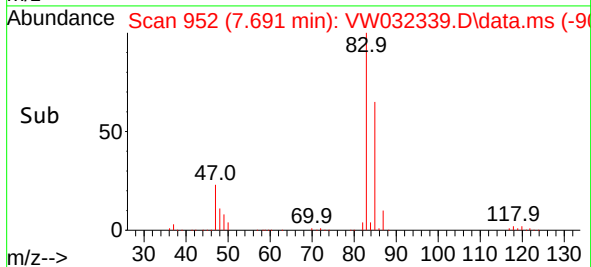
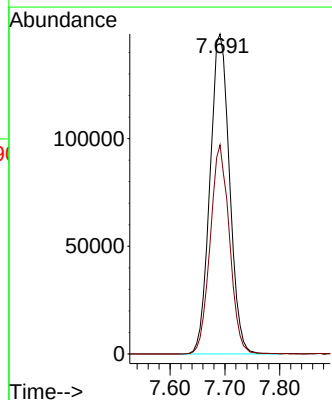
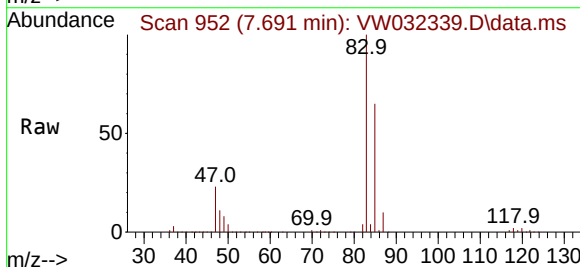
Acq: 03 Oct 2025 09:13

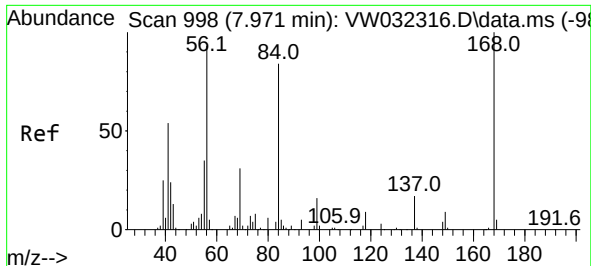
Tgt Ion: 83 Resp: 367840

Ion Ratio Lower Upper

83 100

85 65.3 51.2 76.8

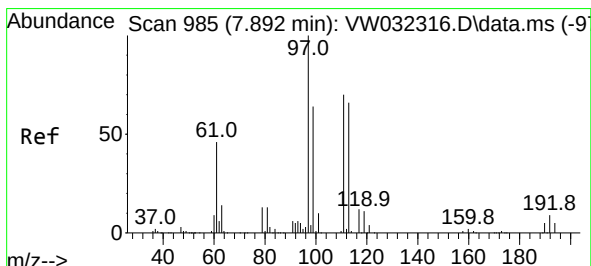
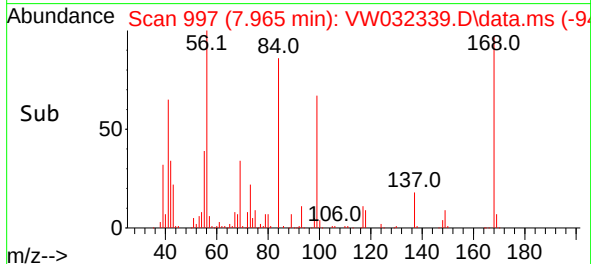
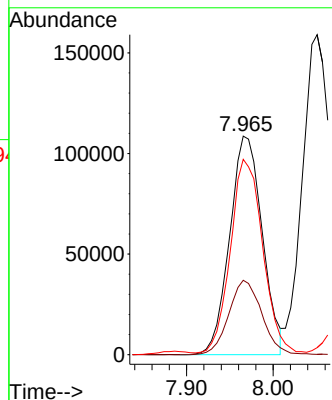
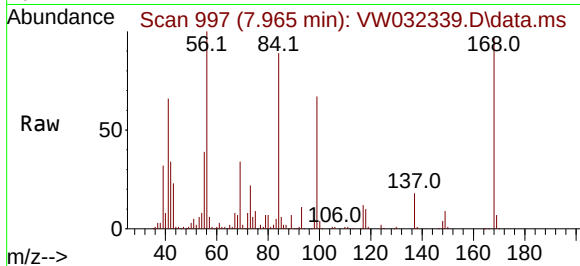




#31
Cyclohexane
Concen: 50.102 ug/l
RT: 7.965 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

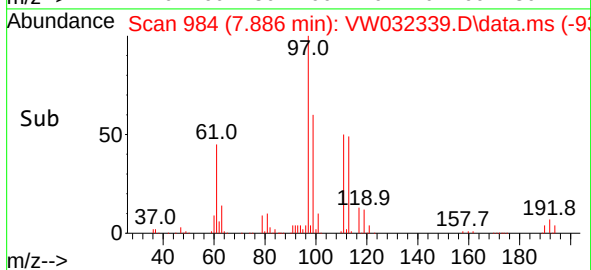
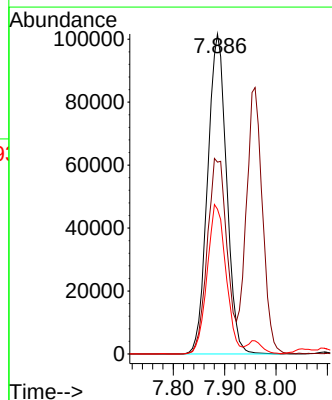
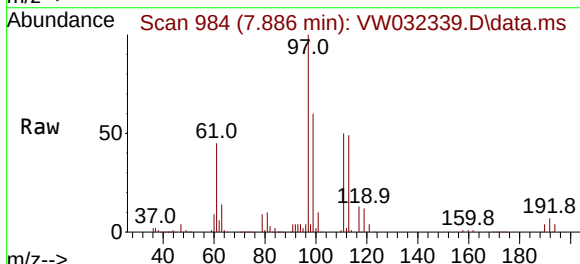
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

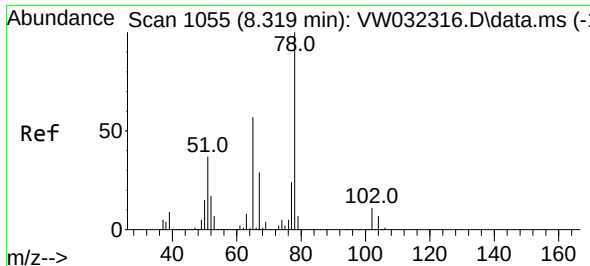
Tgt Ion: 56 Resp: 283633
Ion Ratio Lower Upper
56 100
69 34.0 27.7 41.5
84 88.1 74.6 112.0



#32
1,1,1-Trichloroethane
Concen: 54.571 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

Tgt Ion: 97 Resp: 260061
Ion Ratio Lower Upper
97 100
99 63.3 50.9 76.3
61 46.6 36.2 54.4

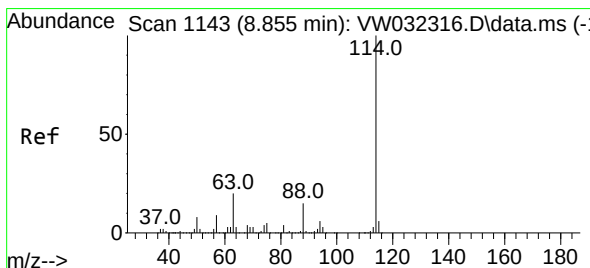
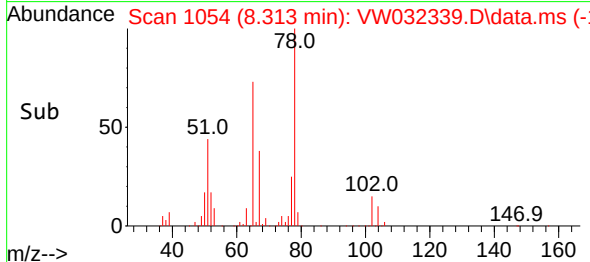
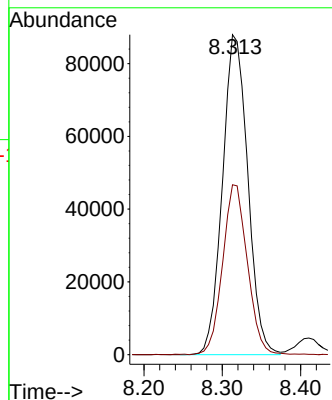
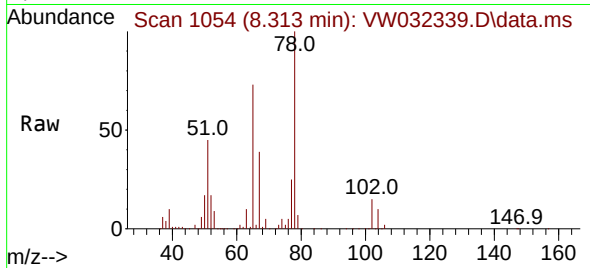




#33
 1,2-Dichloroethane-d4
 Concen: 49.196 ug/l
 RT: 8.313 min Scan# 1104
 Delta R.T. -0.006 min
 Lab File: VW032339.D
 Acq: 03 Oct 2025 09:13

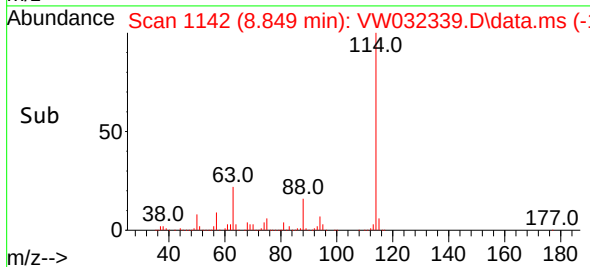
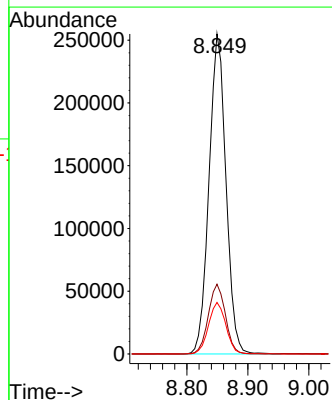
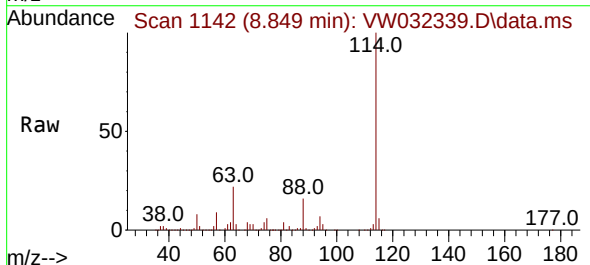
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

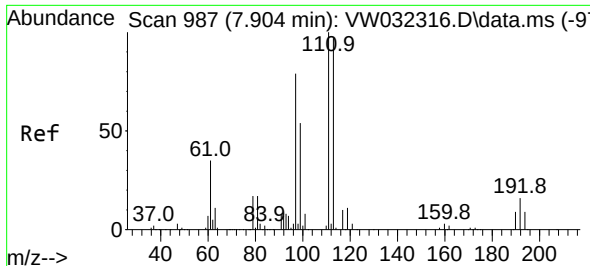
Tgt Ion: 65 Resp: 197832
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW032339.D
 Acq: 03 Oct 2025 09:13

Tgt Ion: 114 Resp: 492762
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 40.4
 88 16.1 0.0 32.0

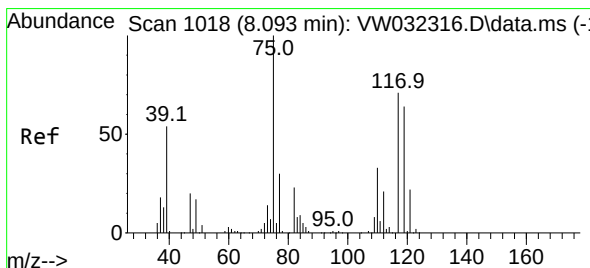
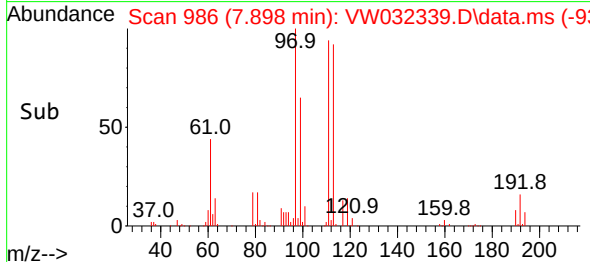
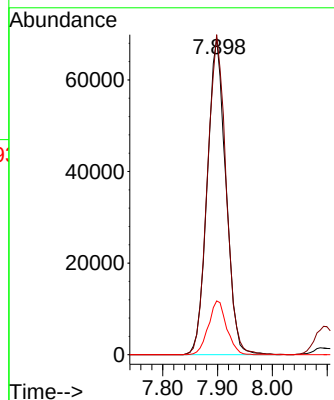
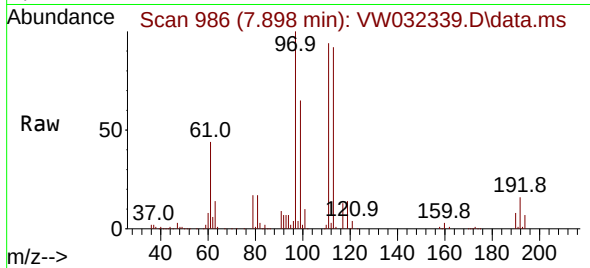




#35
 Dibromofluoromethane
 Concen: 50.849 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW032339.D
 Acq: 03 Oct 2025 09:13

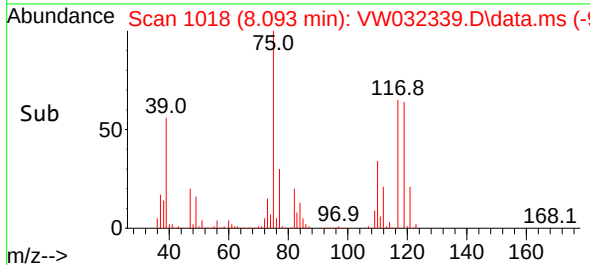
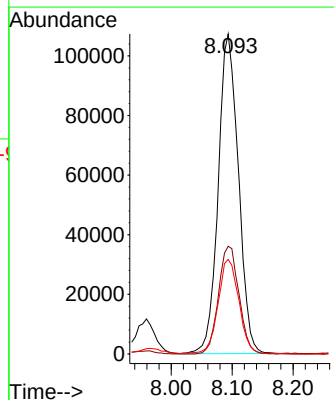
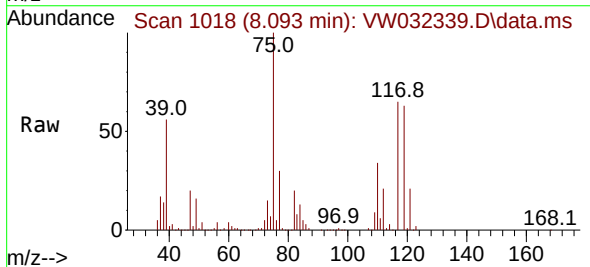
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

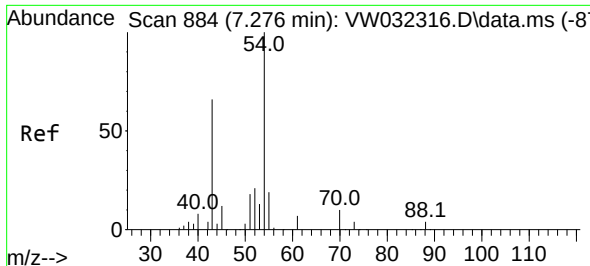
Tgt Ion:113 Resp: 162268
 Ion Ratio Lower Upper
 113 100
 111 101.7 83.9 125.9
 192 16.7 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 54.852 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. -0.006 min
 Lab File: VW032339.D
 Acq: 03 Oct 2025 09:13

Tgt Ion: 75 Resp: 247037
 Ion Ratio Lower Upper
 75 100
 110 34.1 17.5 52.5
 77 30.4 24.1 36.1





#37

Ethyl Acetate

Concen: 53.852 ug/l

RT: 7.270 min Scan# 8

Delta R.T. -0.006 min

Lab File: VW032339.D

Acq: 03 Oct 2025 09:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

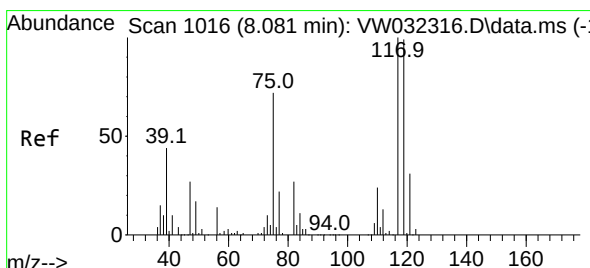
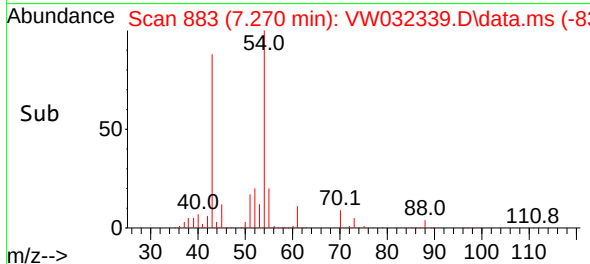
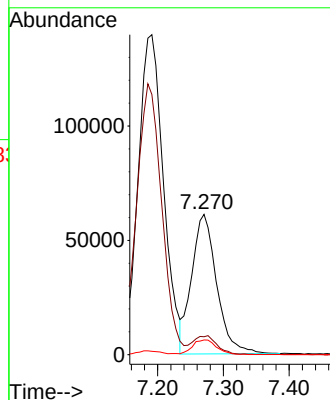
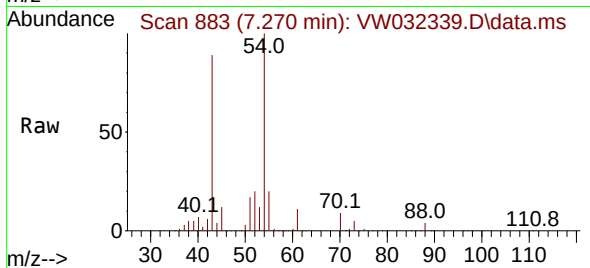
Tgt Ion: 43 Resp: 161434

Ion Ratio Lower Upper

43 100

61 12.6 11.3 16.9

70 10.2 8.9 13.3



#38

Carbon Tetrachloride

Concen: 54.597 ug/l

RT: 8.075 min Scan# 1015

Delta R.T. -0.012 min

Lab File: VW032339.D

Acq: 03 Oct 2025 09:13

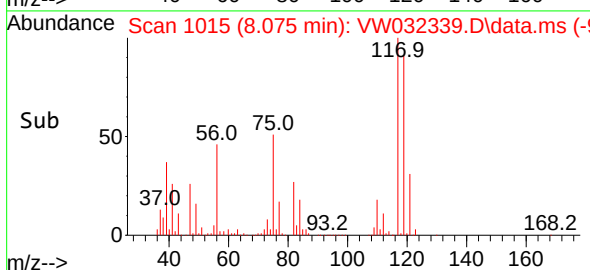
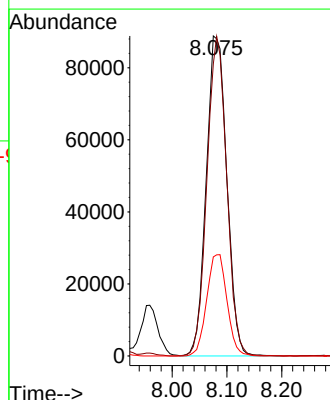
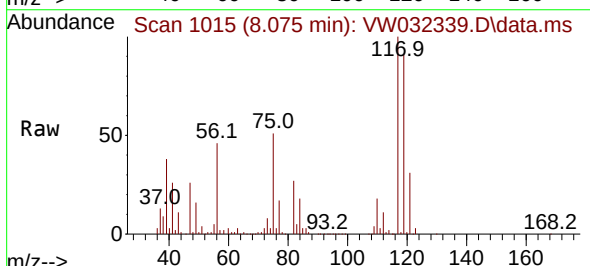
Tgt Ion: 117 Resp: 231384

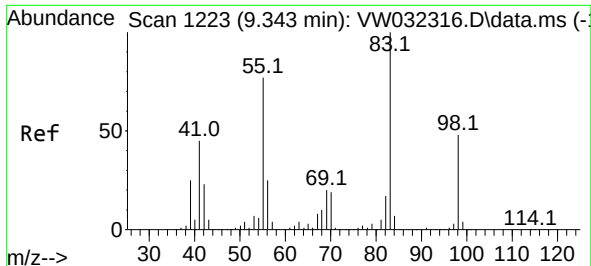
Ion Ratio Lower Upper

117 100

119 91.2 74.2 111.2

121 30.9 25.6 38.4





#39

Methylcyclohexane

Concen: 55.378 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032339.D

Acq: 03 Oct 2025 09:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

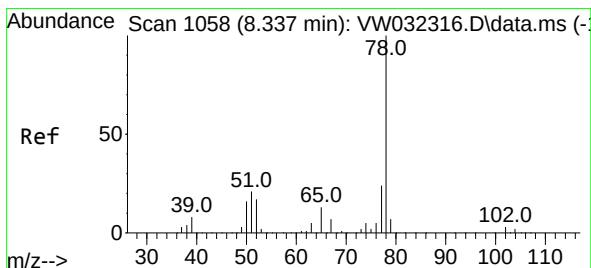
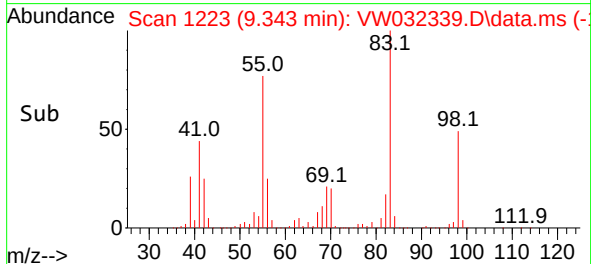
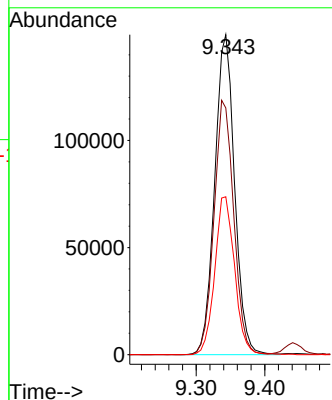
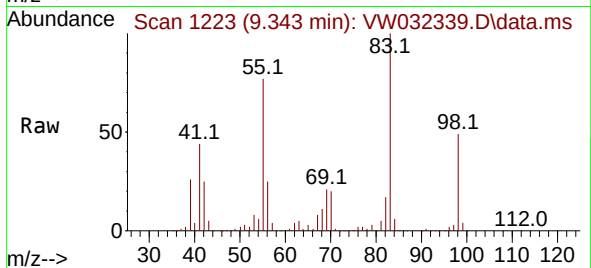
Tgt Ion: 83 Resp: 300835

Ion Ratio Lower Upper

83 100

55 77.1 58.4 87.6

98 49.3 39.4 59.2



#40

Benzene

Concen: 54.732 ug/l

RT: 8.331 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VW032339.D

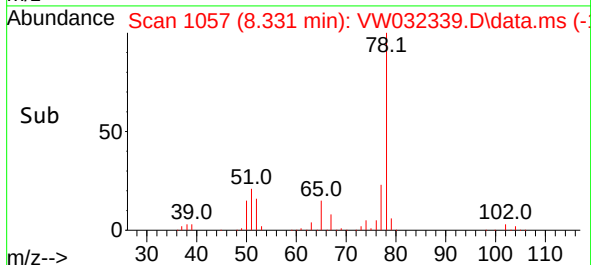
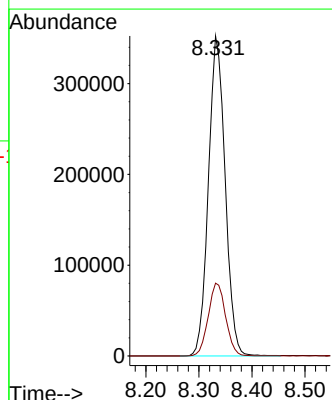
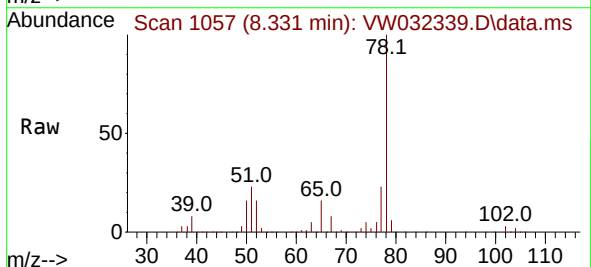
Acq: 03 Oct 2025 09:13

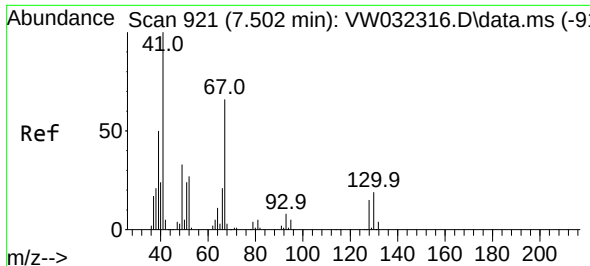
Tgt Ion: 78 Resp: 772626

Ion Ratio Lower Upper

78 100

77 22.7 20.7 31.1

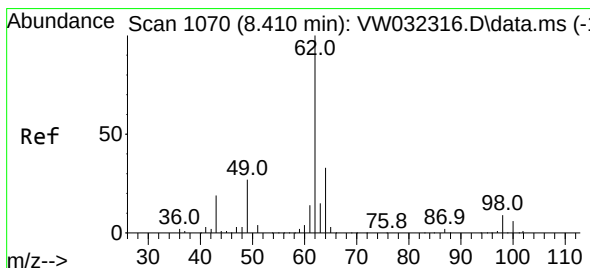
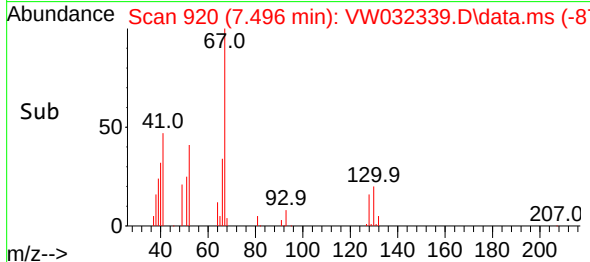
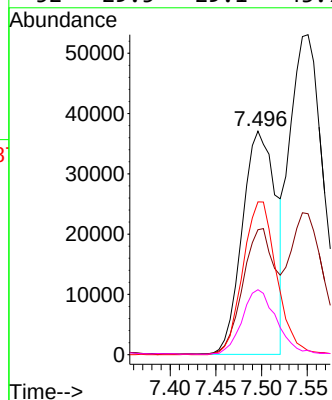
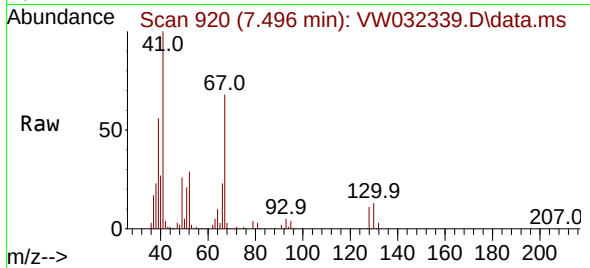




#41
Methacrylonitrile
Concen: 58.979 ug/l
RT: 7.496 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

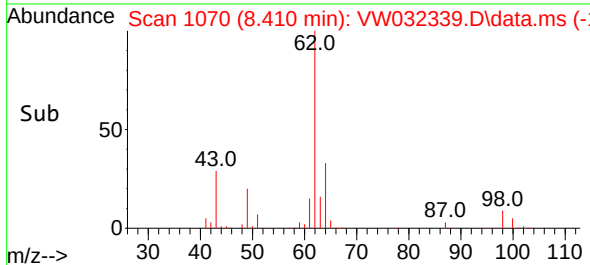
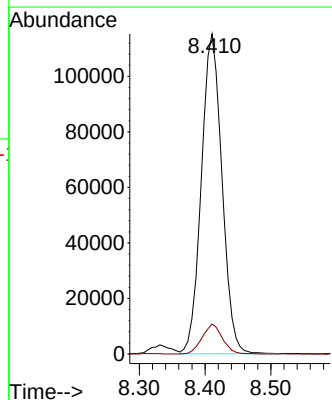
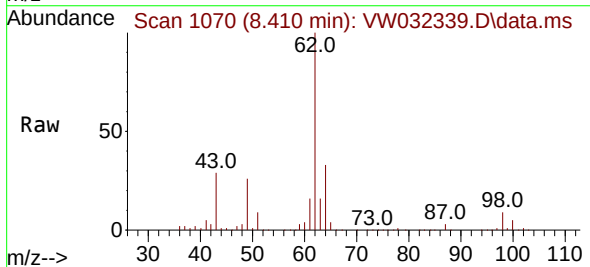
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

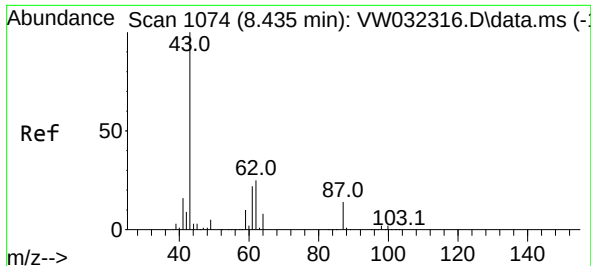
Tgt Ion:	41	Resp:	95282
Ion	Ratio	Lower	Upper
41	100		
39	54.1	50.9	76.3
67	69.1	65.6	98.4
52	29.5	29.1	43.7



#42
1,2-Dichloroethane
Concen: 54.363 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

Tgt Ion:	62	Resp:	251106
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.0

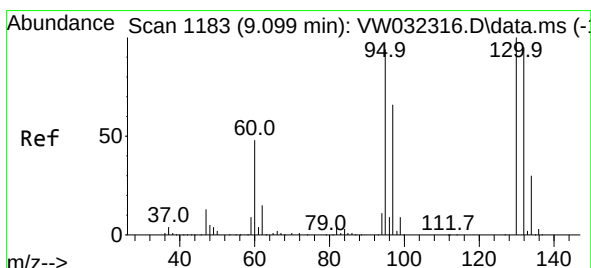
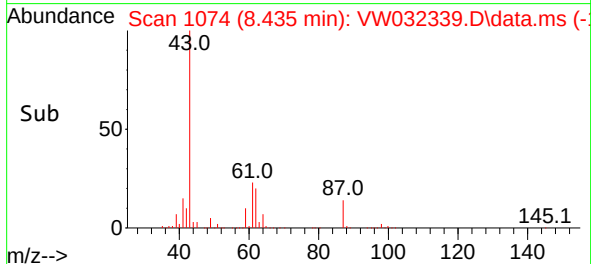
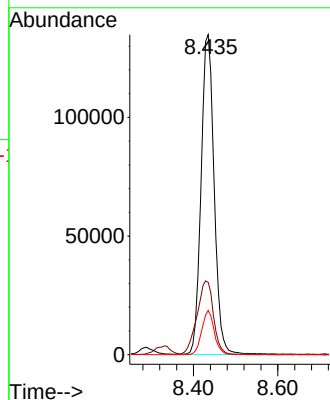
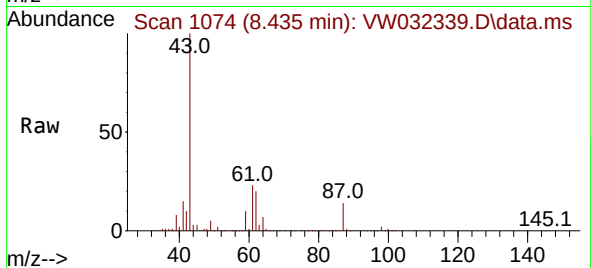




#43
Isopropyl Acetate
Concen: 54.594 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

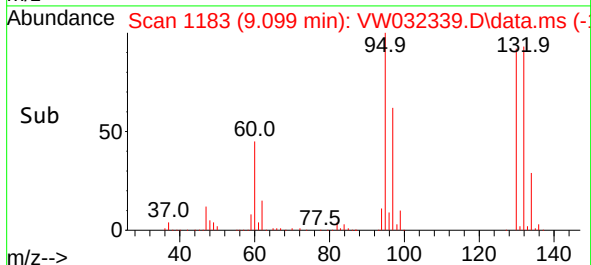
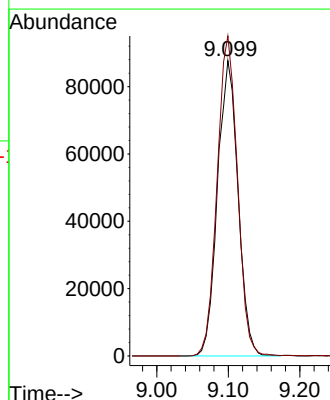
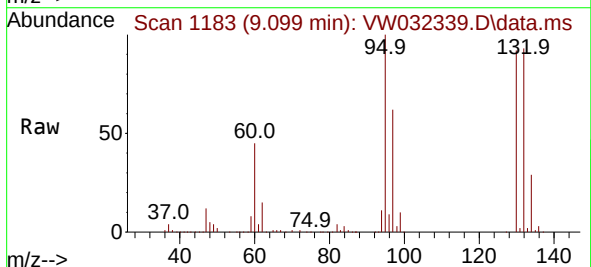
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

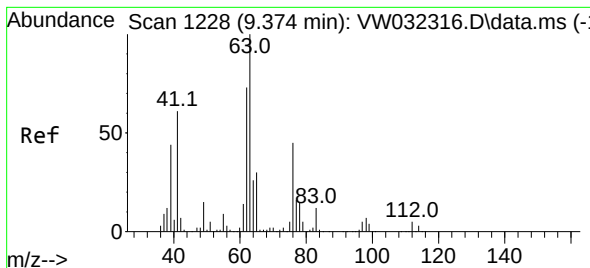
Tgt Ion: 43 Resp: 290322
Ion Ratio Lower Upper
43 100
61 29.2 23.3 34.9
87 13.3 11.1 16.7



#44
Trichloroethene
Concen: 52.953 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

Tgt Ion:130 Resp: 175032
Ion Ratio Lower Upper
130 100
95 108.4 0.0 220.0





#45

1,2-Dichloropropane

Concen: 54.666 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW032339.D

Acq: 03 Oct 2025 09:13

Instrument :

MSVOA_W

ClientSampleId :

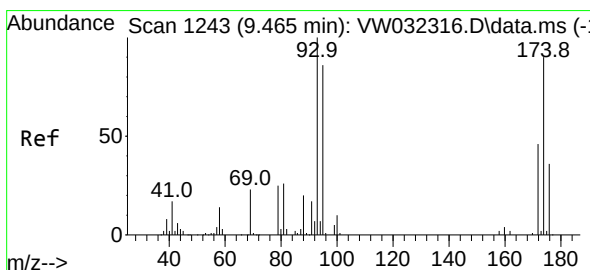
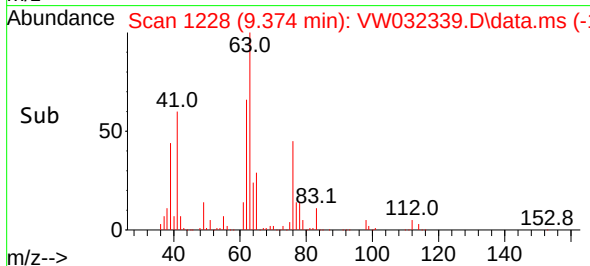
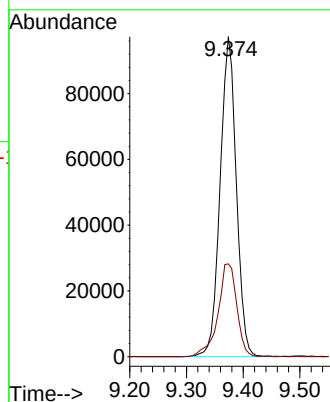
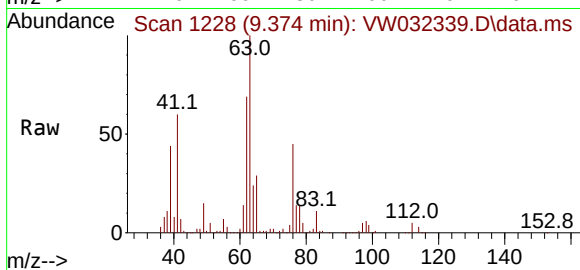
VSTDCCC050

Tgt Ion: 63 Resp: 192621

Ion Ratio Lower Upper

63 100

65 29.0 24.3 36.5



#46

Dibromomethane

Concen: 55.133 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW032339.D

Acq: 03 Oct 2025 09:13

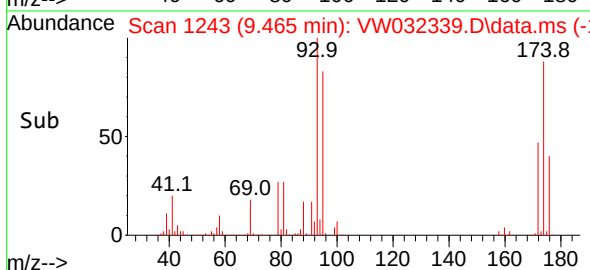
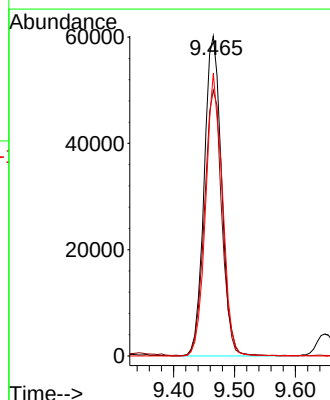
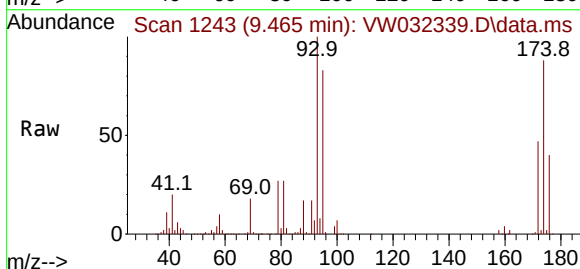
Tgt Ion: 93 Resp: 119456

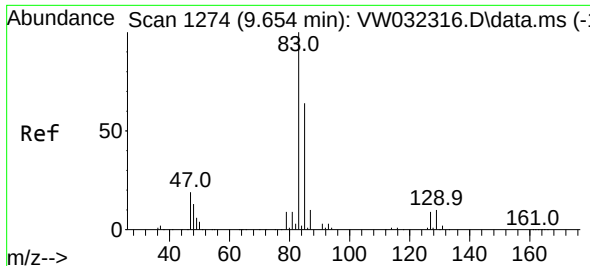
Ion Ratio Lower Upper

93 100

95 83.4 67.4 101.2

174 84.9 75.7 113.5

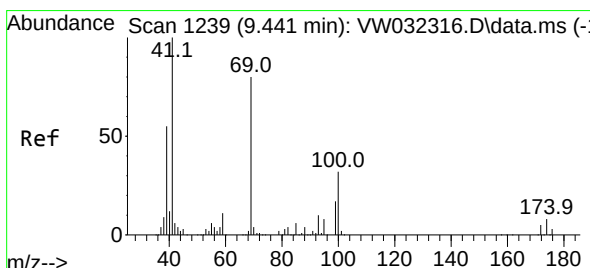
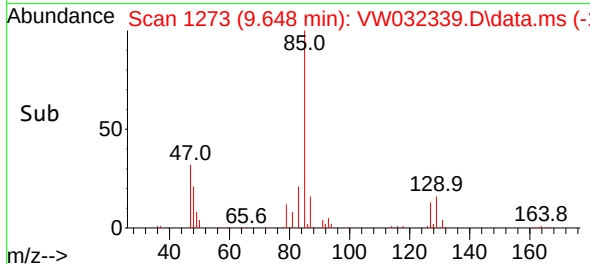
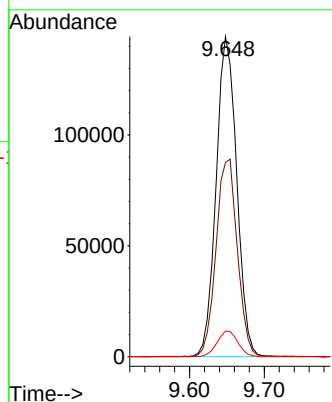
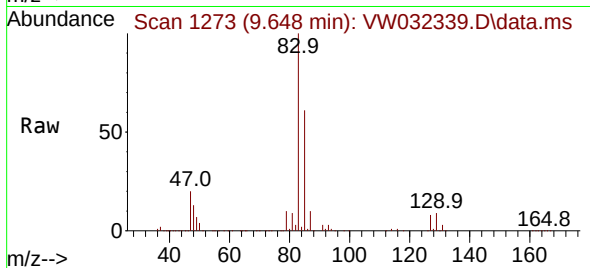




#47
Bromodichloromethane
Concen: 55.687 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

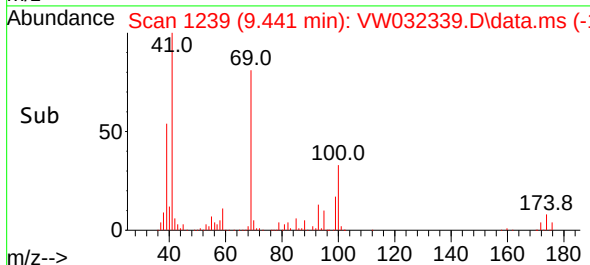
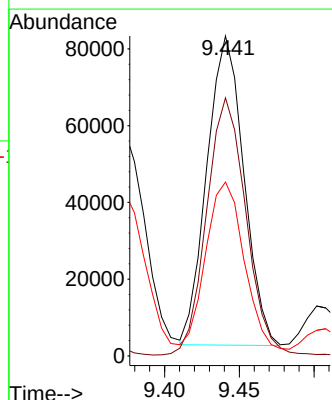
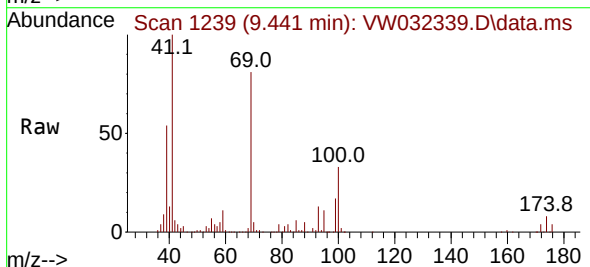
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

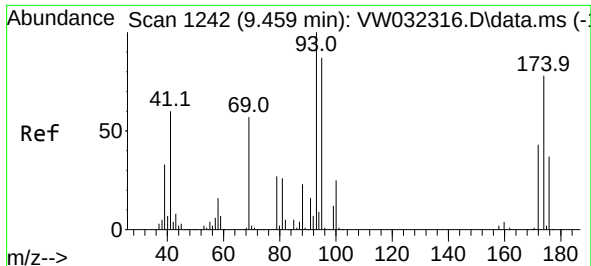
Tgt Ion: 83 Resp: 275972
Ion Ratio Lower Upper
83 100
85 60.7 48.7 73.1
127 8.0 6.4 9.6



#48
Methyl methacrylate
Concen: 53.469 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

Tgt Ion: 41 Resp: 138248
Ion Ratio Lower Upper
41 100
69 88.9 71.5 107.3
39 55.7 55.9 83.9#





#49

1,4-Dioxane

Concen: 1023.238 ug/l

RT: 9.459 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032339.D

Acq: 03 Oct 2025 09:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

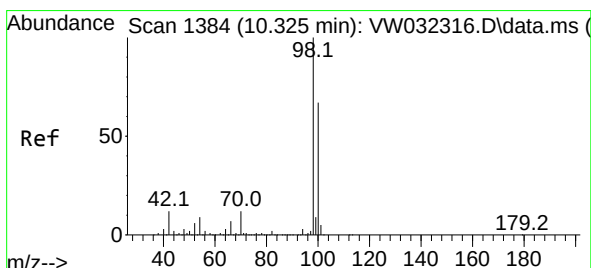
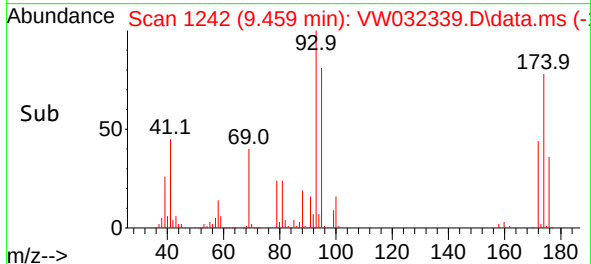
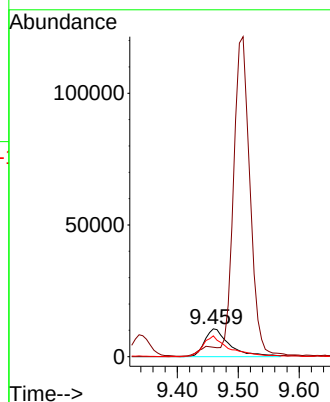
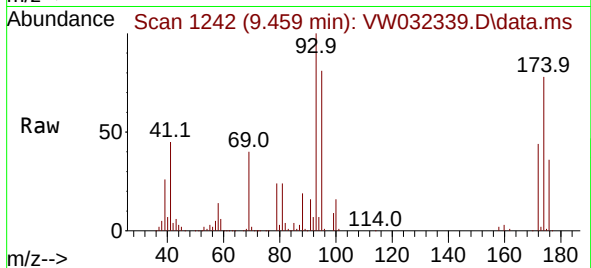
Tgt Ion: 88 Resp: 30303

Ion Ratio Lower Upper

88 100

43 25.1 18.0 27.0

58 78.1 55.4 83.0



#50

Toluene-d8

Concen: 51.835 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW032339.D

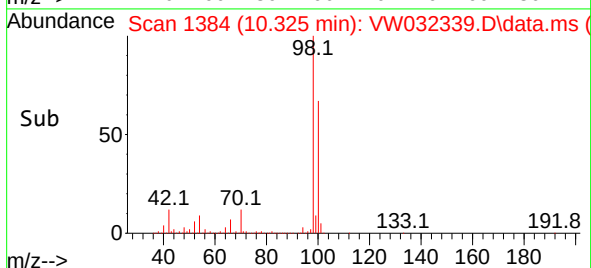
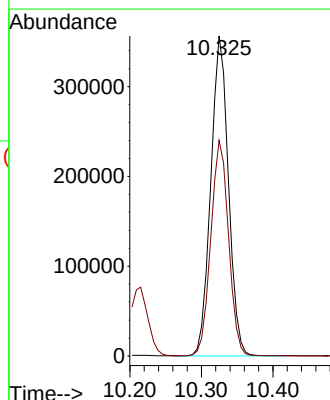
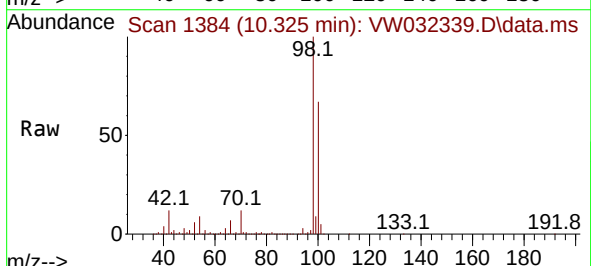
Acq: 03 Oct 2025 09:13

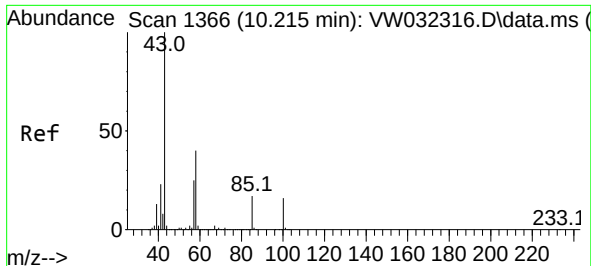
Tgt Ion: 98 Resp: 610504

Ion Ratio Lower Upper

98 100

100 67.6 51.4 77.2

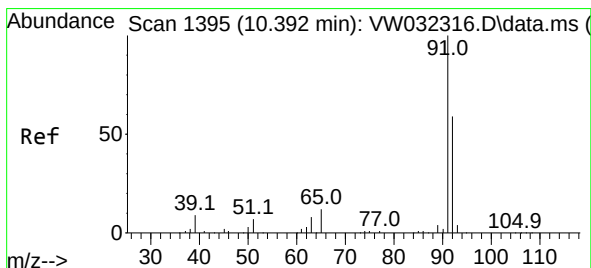
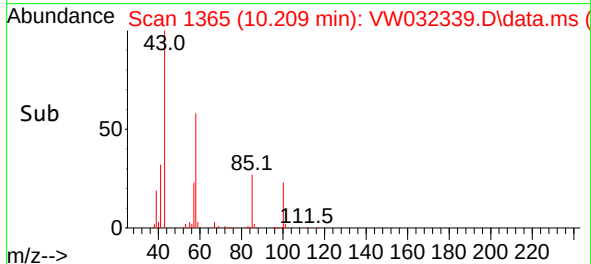
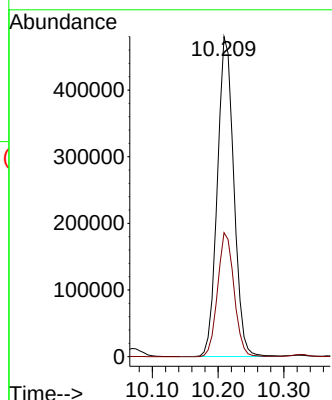
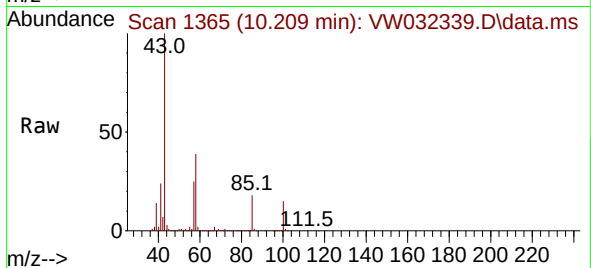




#51
4-Methyl-2-Pentanone
Concen: 271.726 ug/l
RT: 10.209 min Scan# 1365
Delta R.T. -0.006 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

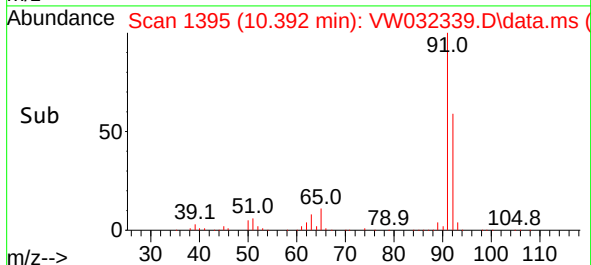
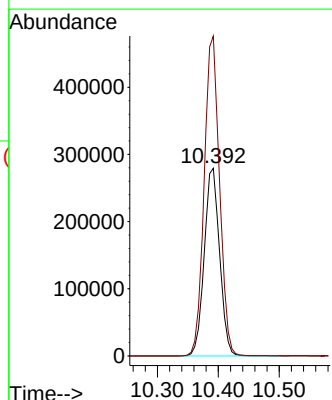
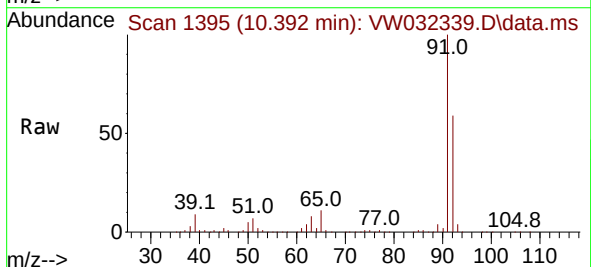
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

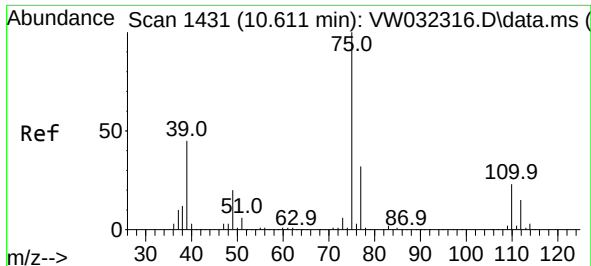
Tgt Ion: 43 Resp: 836948
Ion Ratio Lower Upper
43 100
58 38.8 32.0 48.0



#52
Toluene
Concen: 55.638 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

Tgt Ion: 92 Resp: 489119
Ion Ratio Lower Upper
92 100
91 170.5 137.5 206.3

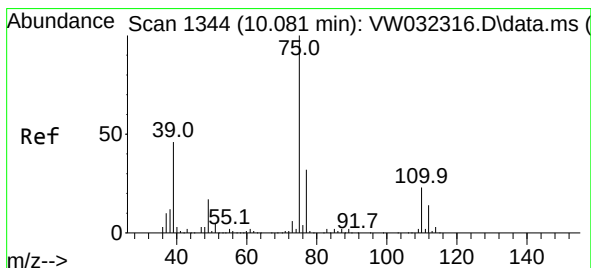
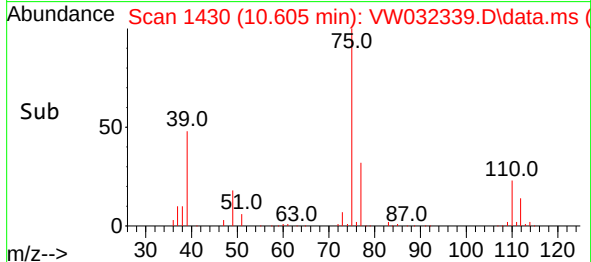
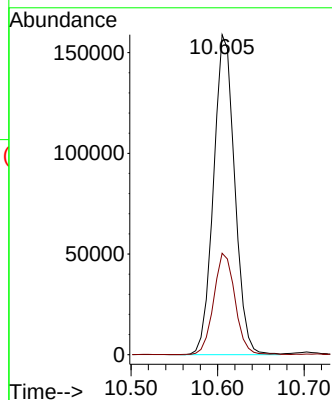
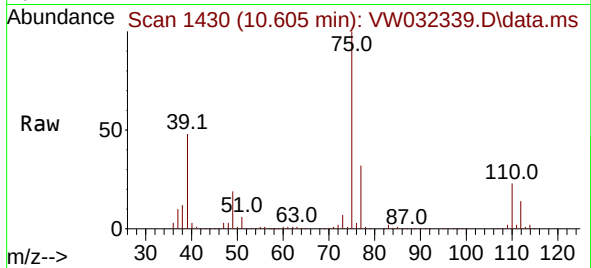




#53
 t-1,3-Dichloropropene
 Concen: 56.068 ug/l
 RT: 10.605 min Scan# 1431
 Delta R.T. -0.006 min
 Lab File: VW032339.D
 Acq: 03 Oct 2025 09:13

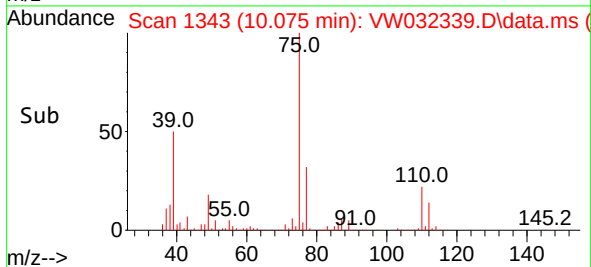
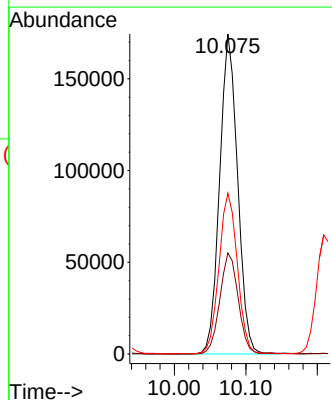
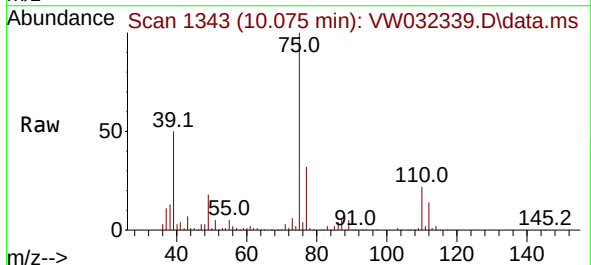
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

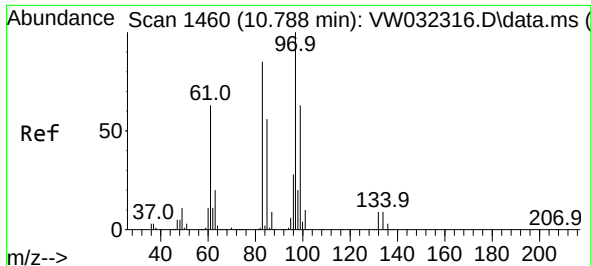
Tgt Ion: 75 Resp: 269570
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 54.914 ug/l
 RT: 10.075 min Scan# 1343
 Delta R.T. -0.000 min
 Lab File: VW032339.D
 Acq: 03 Oct 2025 09:13

Tgt Ion: 75 Resp: 304123
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.1 37.7
 39 50.1 43.2 64.8



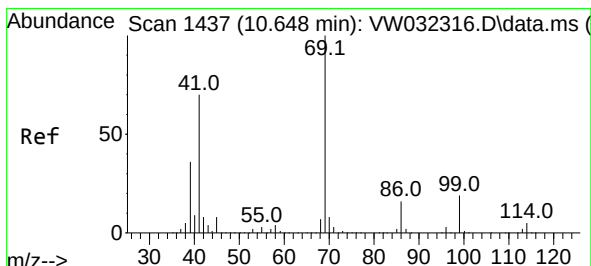
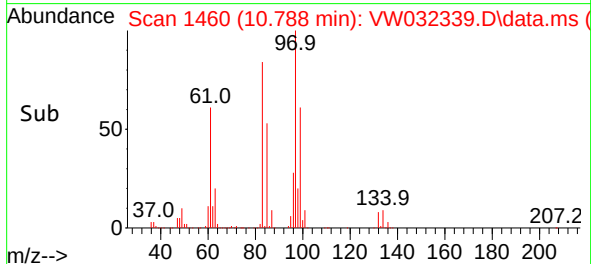
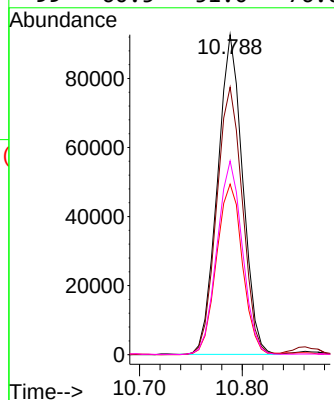
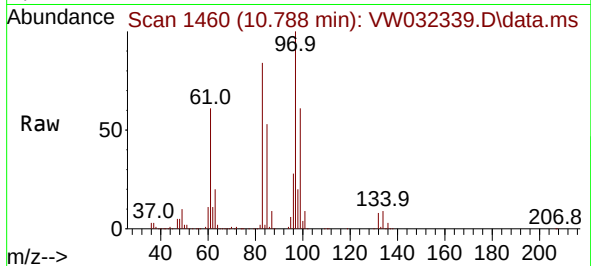


#55
1,1,2-Trichloroethane
Concen: 54.397 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 157524

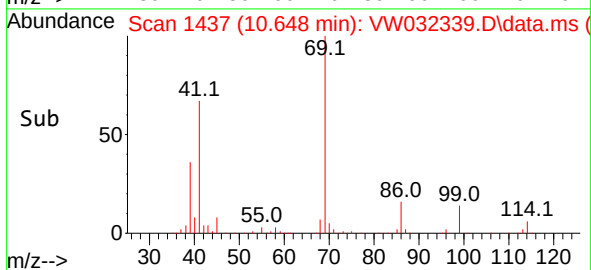
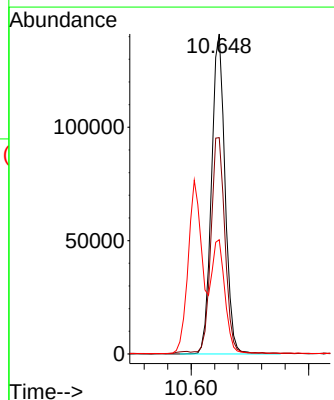
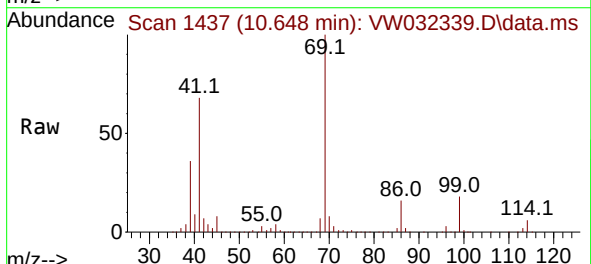
Ion	Ratio	Lower	Upper
97	100		
83	83.6	71.0	106.6
85	53.3	42.8	64.2
99	60.5	51.0	76.6

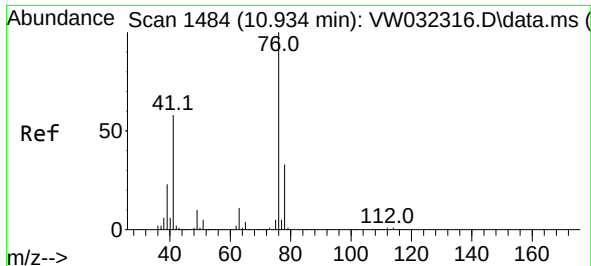


#56
Ethyl methacrylate
Concen: 55.669 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

Tgt Ion: 69 Resp: 225639

Ion	Ratio	Lower	Upper
69	100		
41	69.3	53.2	79.8
39	33.3	32.9	49.3





#57

1,3-Dichloropropane

Concen: 54.896 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032339.D

Acq: 03 Oct 2025 09:13

Instrument :

MSVOA_W

ClientSampleId :

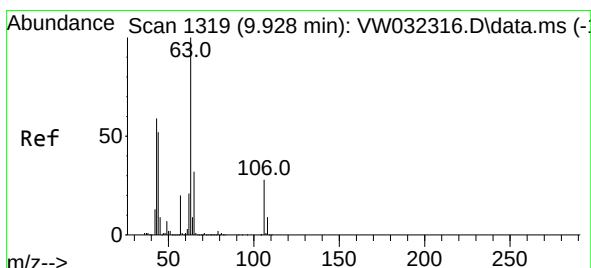
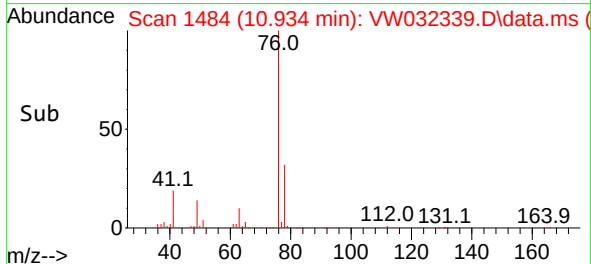
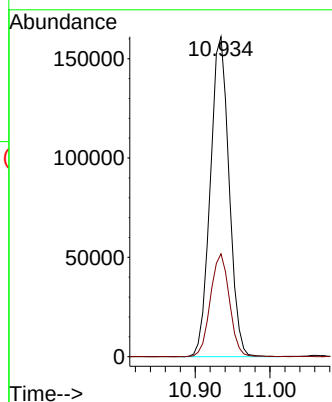
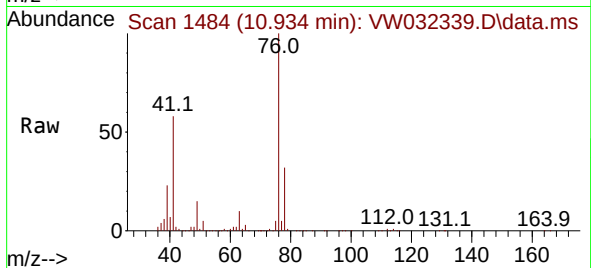
VSTDCCC050

Tgt Ion: 76 Resp: 280771

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 284.680 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032339.D

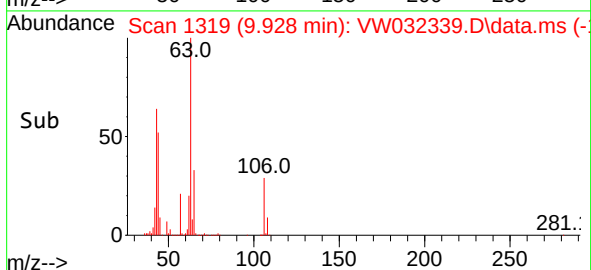
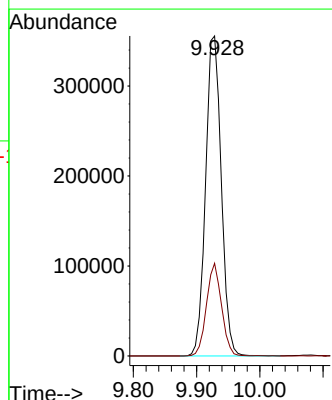
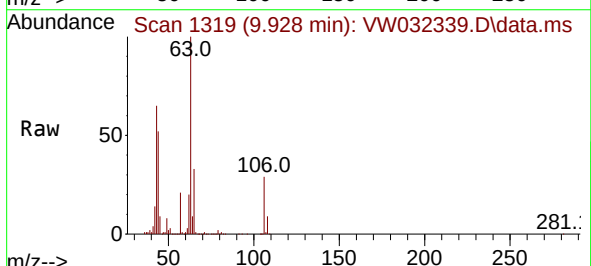
Acq: 03 Oct 2025 09:13

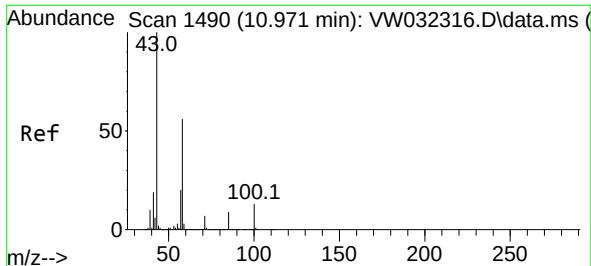
Tgt Ion: 63 Resp: 614096

Ion Ratio Lower Upper

63 100

106 27.8 24.3 36.5

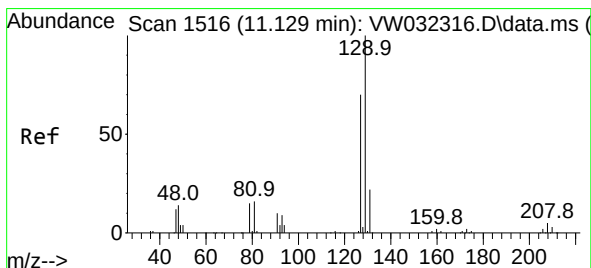
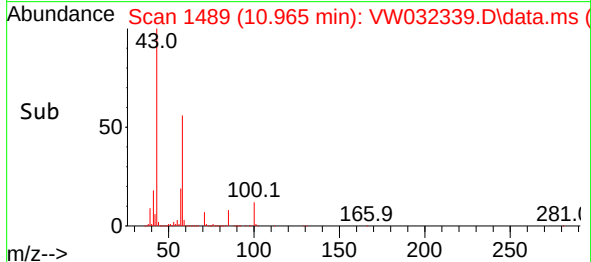
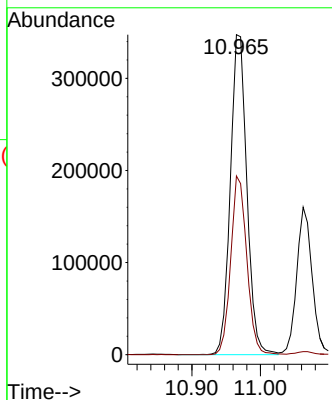
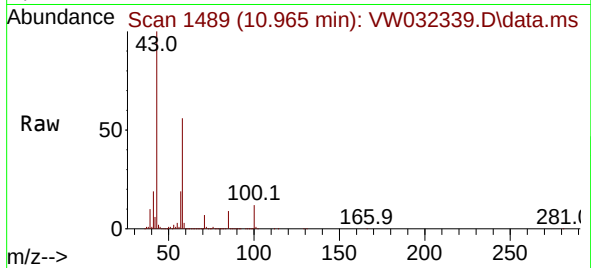




#59
2-Hexanone
Concen: 268.038 ug/l
RT: 10.965 min Scan# 1490
Delta R.T. -0.006 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

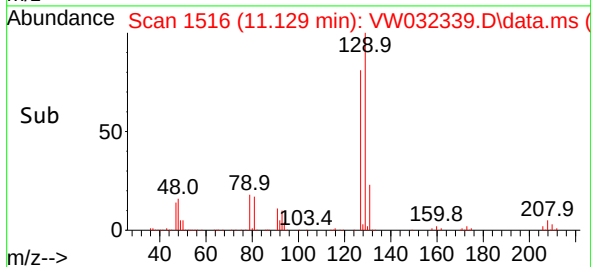
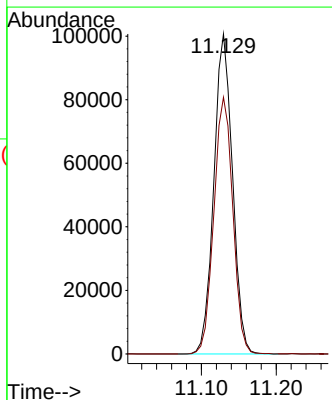
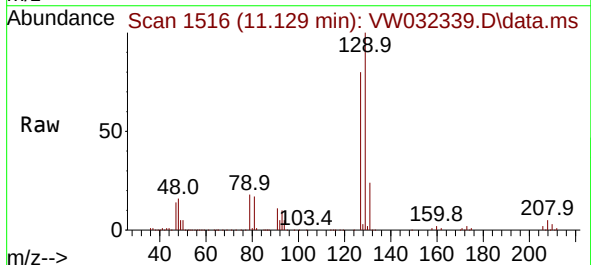
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

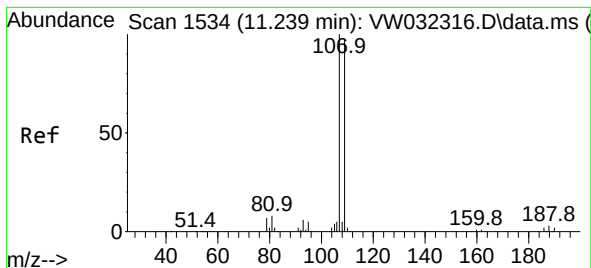
Tgt Ion: 43 Resp: 582275
Ion Ratio Lower Upper
43 100
58 54.5 27.5 82.4



#60
Dibromochloromethane
Concen: 53.184 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

Tgt Ion:129 Resp: 174875
Ion Ratio Lower Upper
129 100
127 81.7 38.1 114.5

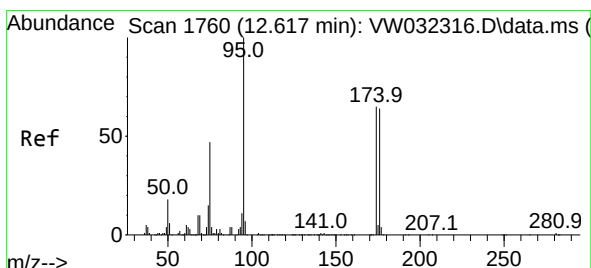
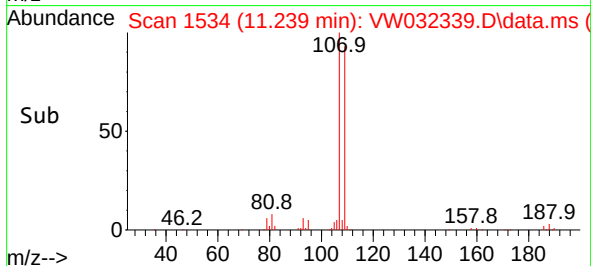
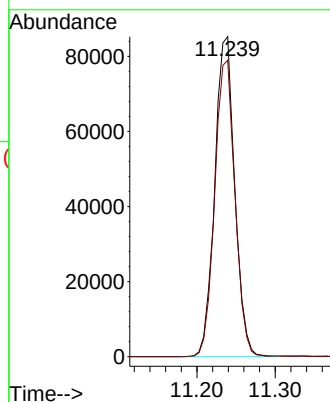
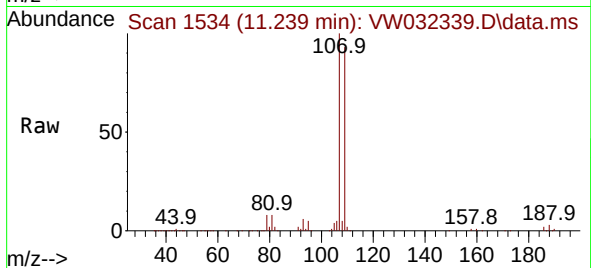




#61
1,2-Dibromoethane
Concen: 53.577 ug/l
RT: 11.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

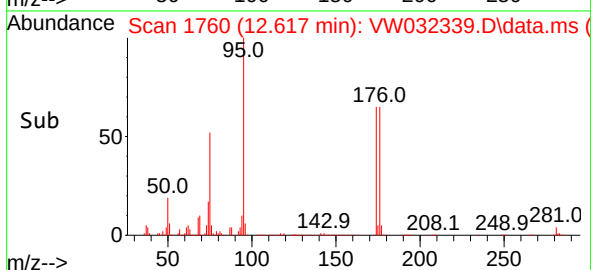
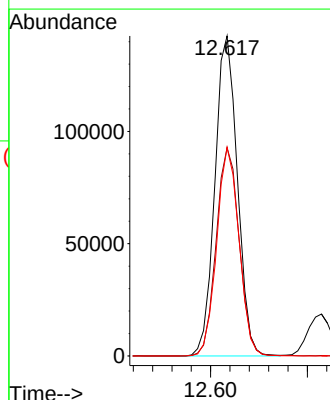
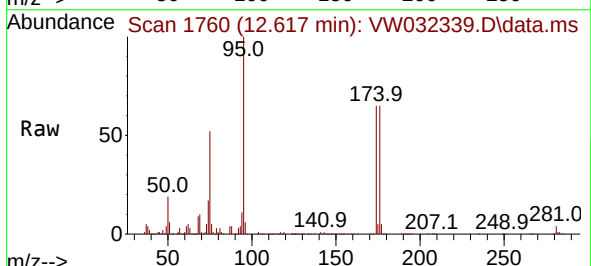
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

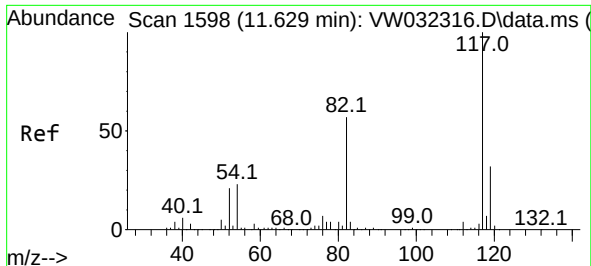
Tgt Ion:107 Resp: 151283
Ion Ratio Lower Upper
107 100
109 93.7 74.5 111.7



#62
4-Bromofluorobenzene
Concen: 51.688 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

Tgt Ion: 95 Resp: 230099
Ion Ratio Lower Upper
95 100
174 66.5 0.0 145.6
176 64.4 0.0 140.8

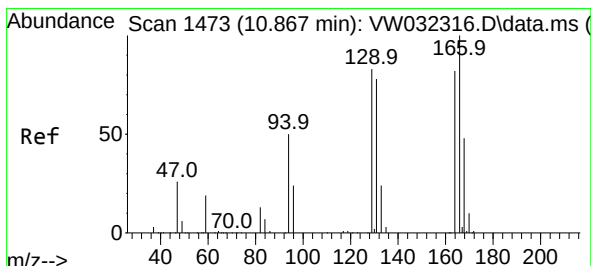
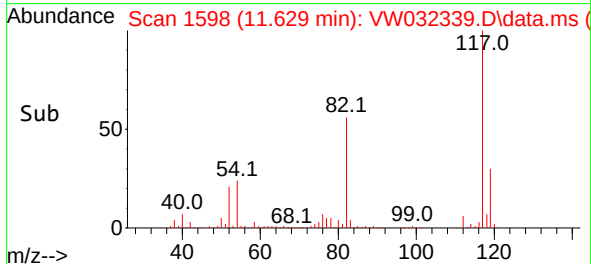
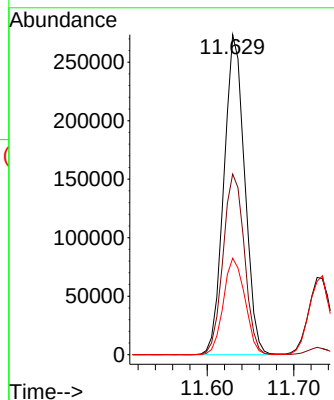
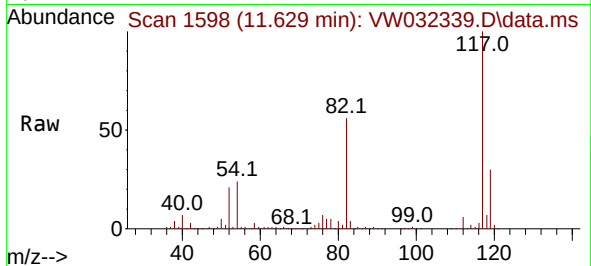




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

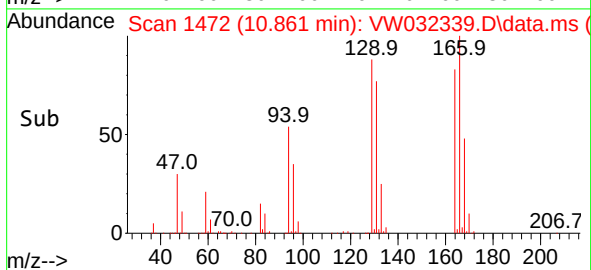
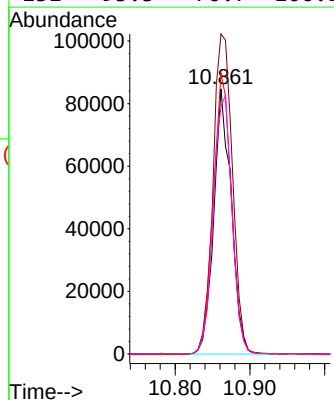
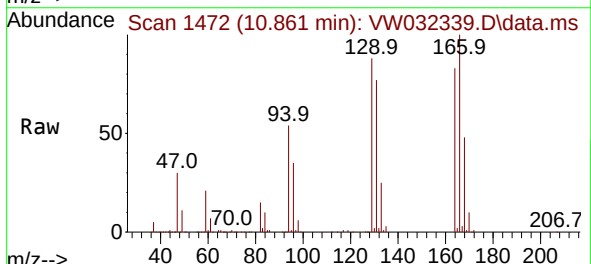
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

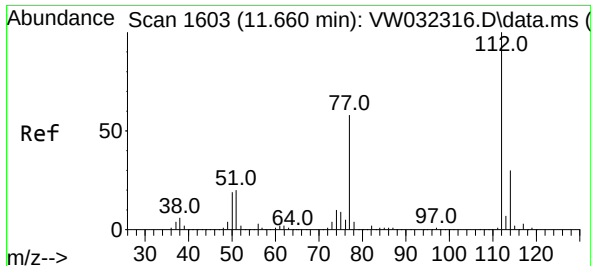
Tgt Ion:117 Resp: 456443
Ion Ratio Lower Upper
117 100
82 56.4 42.7 64.1
119 30.1 25.2 37.8



#64
Tetrachloroethene
Concen: 50.507 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

Tgt Ion:164 Resp: 137947
Ion Ratio Lower Upper
164 100
166 120.7 97.5 146.3
129 105.8 71.2 106.8
131 93.3 70.7 106.1

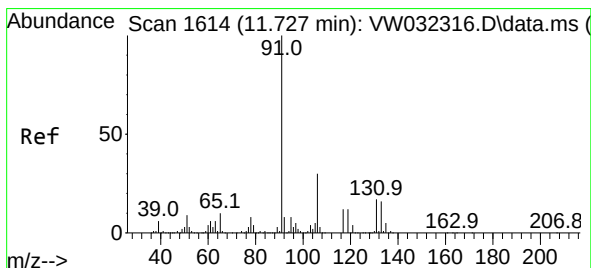
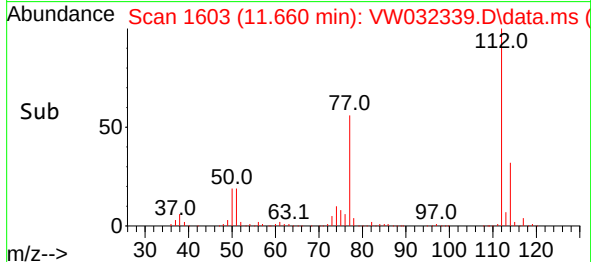
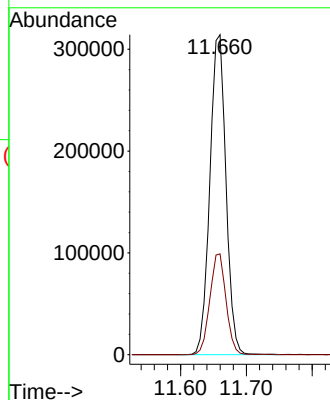
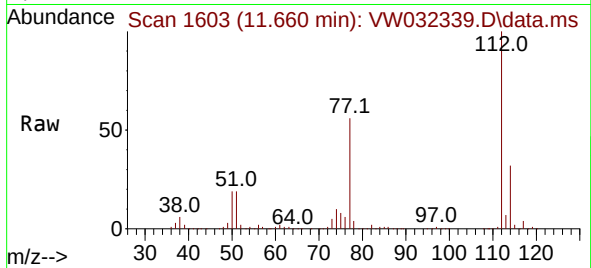




#65
Chlorobenzene
Concen: 53.307 ug/l
RT: 11.660 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

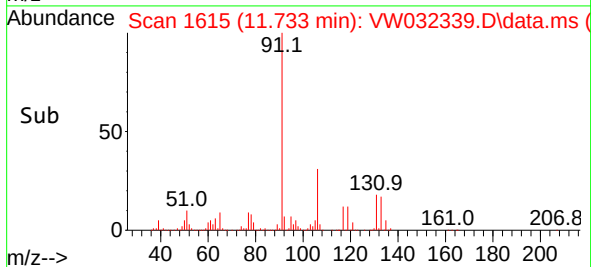
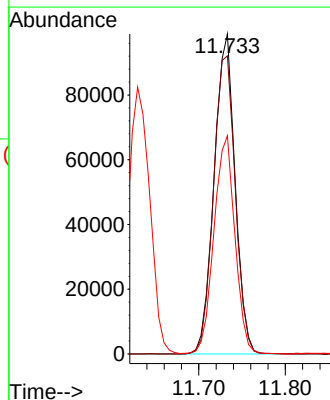
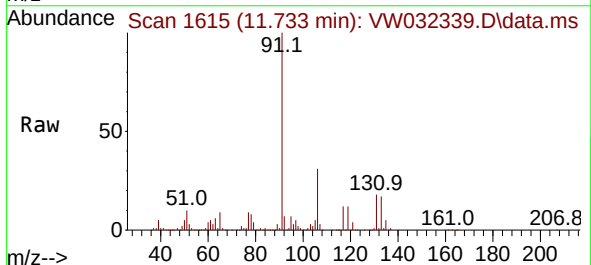
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

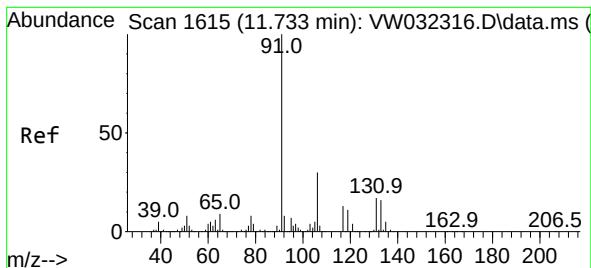
Tgt Ion:112 Resp: 535356
Ion Ratio Lower Upper
112 100
114 31.5 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 53.023 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

Tgt Ion:131 Resp: 165857
Ion Ratio Lower Upper
131 100
133 97.3 47.7 143.1
119 68.5 32.8 98.3





#67

Ethyl Benzene

Concen: 55.627 ug/l

RT: 11.727 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032339.D

Acq: 03 Oct 2025 09:13

Instrument :

MSVOA_W

ClientSampleId :

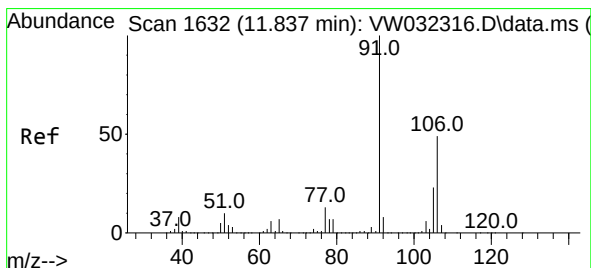
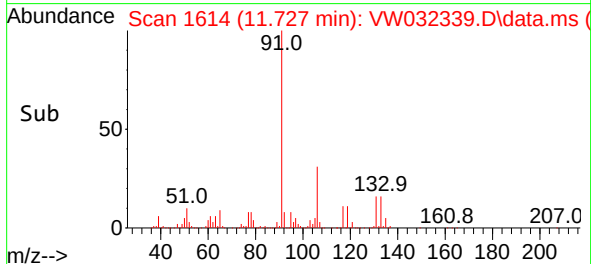
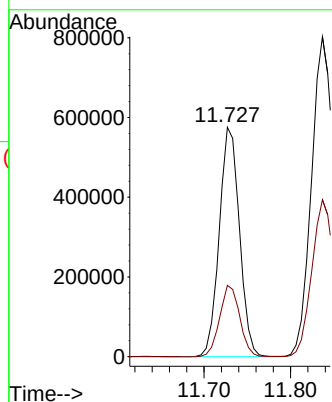
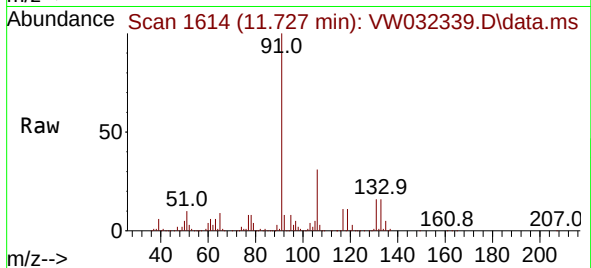
VSTDCCC050

Tgt Ion: 91 Resp: 931216

Ion Ratio Lower Upper

91 100

106 31.1 25.3 37.9



#68

m/p-Xylenes

Concen: 111.272 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW032339.D

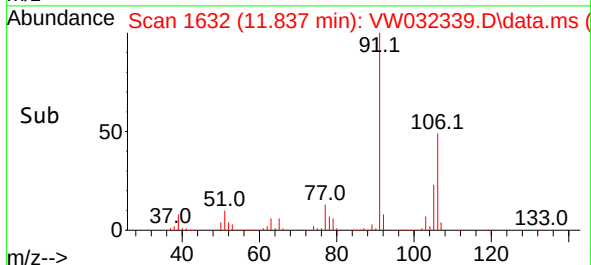
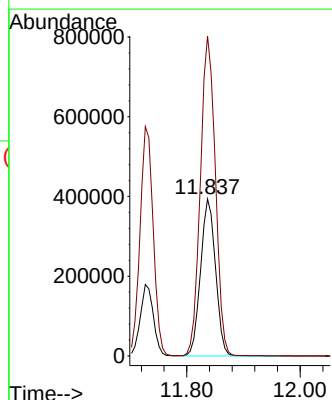
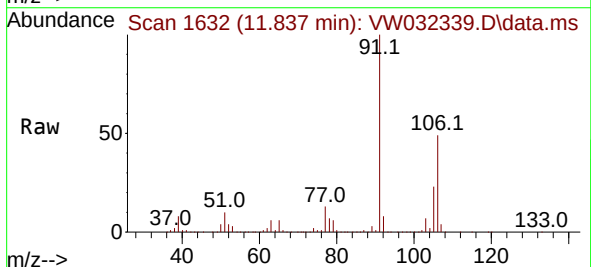
Acq: 03 Oct 2025 09:13

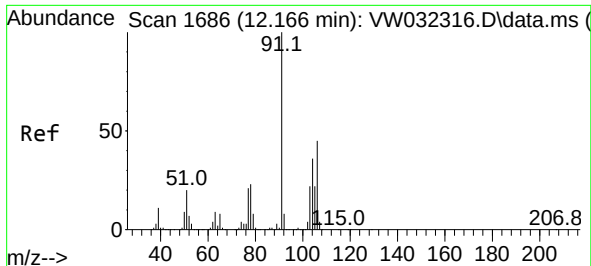
Tgt Ion:106 Resp: 718283

Ion Ratio Lower Upper

106 100

91 205.3 164.2 246.2

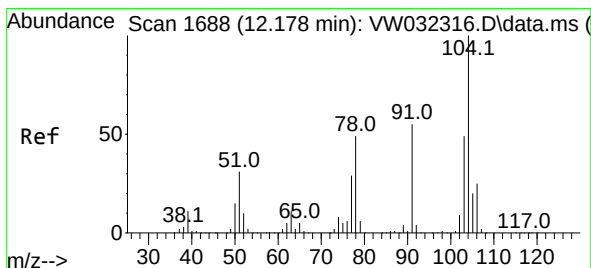
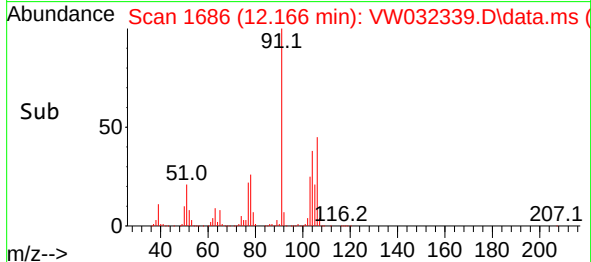
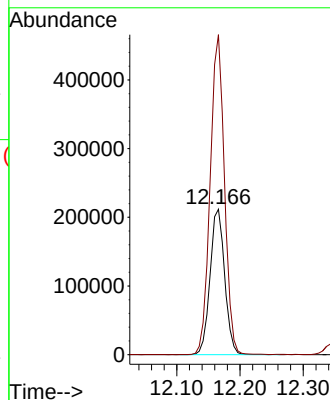
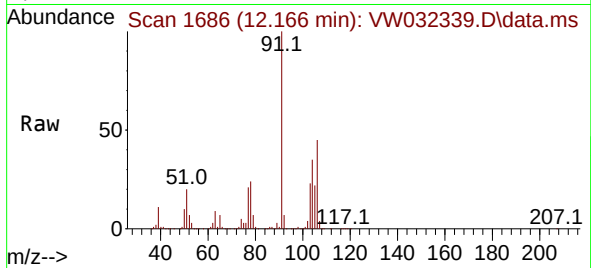




#69
o-Xylene
Concen: 56.292 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

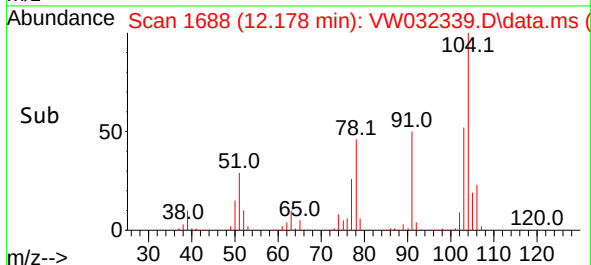
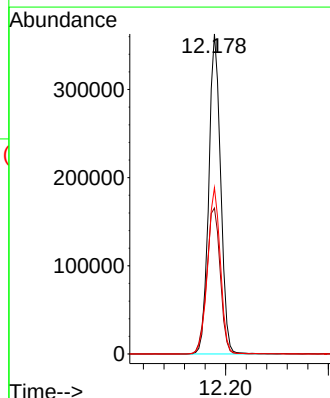
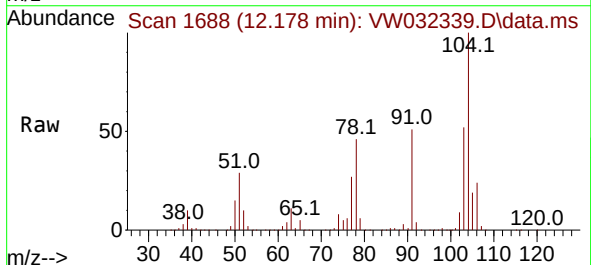
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

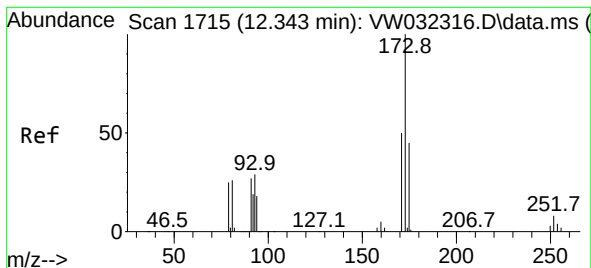
Tgt Ion:106 Resp: 339821
Ion Ratio Lower Upper
106 100
91 215.1 108.7 326.3



#70
Styrene
Concen: 55.373 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

Tgt Ion:104 Resp: 583617
Ion Ratio Lower Upper
104 100
78 52.0 41.6 62.4
103 55.5 44.8 67.2





#71

Bromoform

Concen: 51.883 ug/l

RT: 12.349 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032339.D

Acq: 03 Oct 2025 09:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

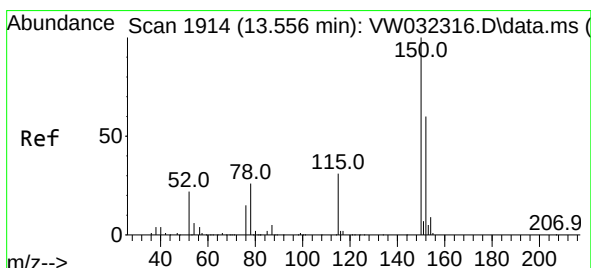
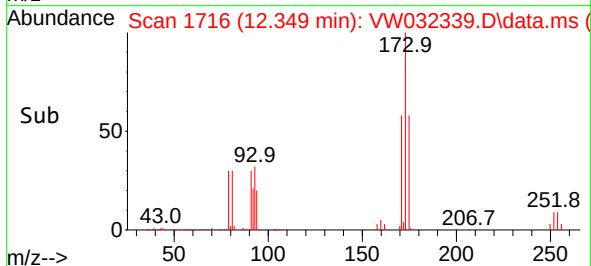
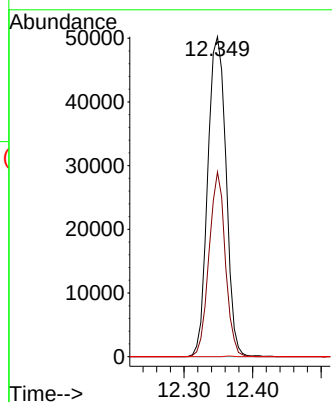
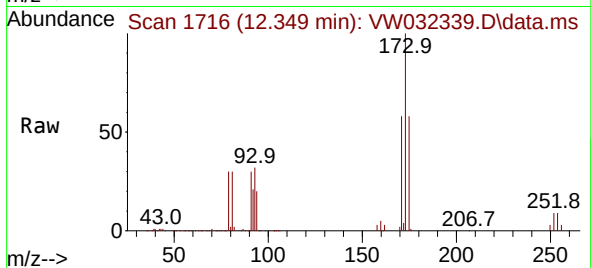
Tgt Ion:173 Resp: 93024

Ion Ratio Lower Upper

173 100

175 51.5 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: VW032339.D

Acq: 03 Oct 2025 09:13

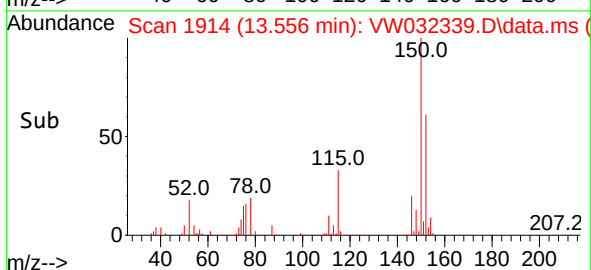
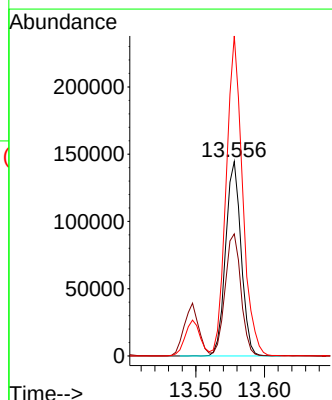
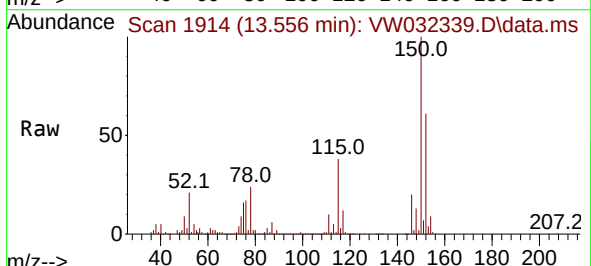
Tgt Ion:152 Resp: 225457

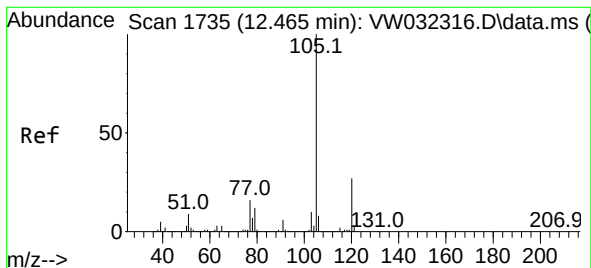
Ion Ratio Lower Upper

152 100

115 64.4 31.8 95.4

150 174.6 0.0 343.0





#73

Isopropylbenzene

Concen: 54.241 ug/l

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032339.D

Acq: 03 Oct 2025 09:13

Instrument :

MSVOA_W

ClientSampleId :

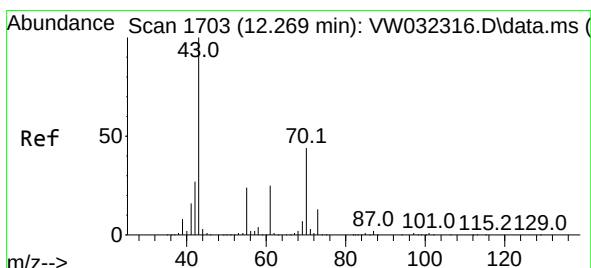
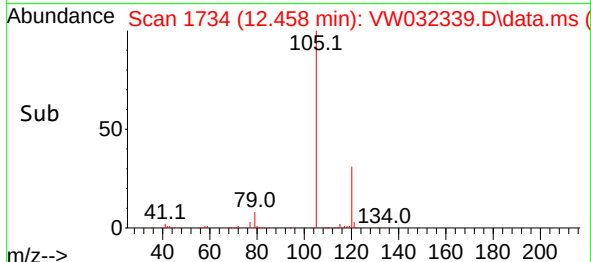
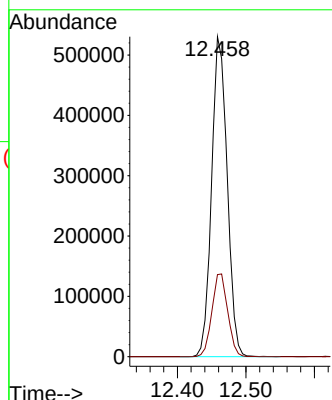
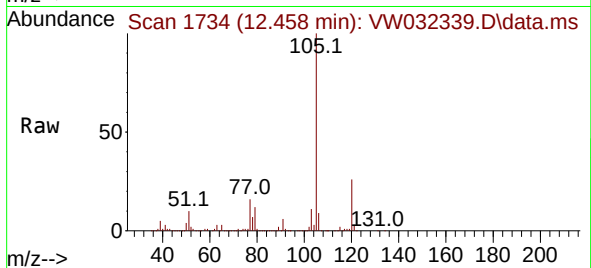
VSTDCCC050

Tgt Ion:105 Resp: 836649

Ion Ratio Lower Upper

105 100

120 26.2 13.0 38.9



#74

N-ethyl acetate

Concen: 53.398 ug/l

RT: 12.270 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW032339.D

Acq: 03 Oct 2025 09:13

Tgt Ion: 43 Resp: 262756

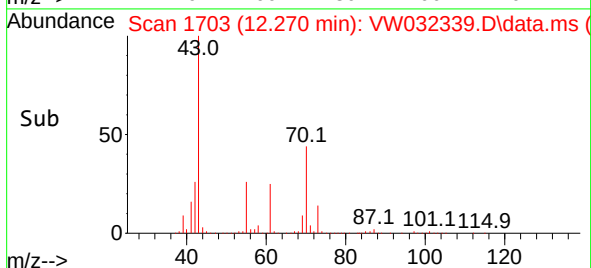
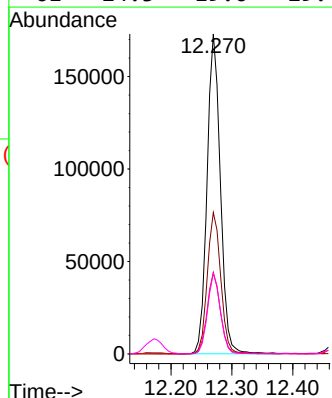
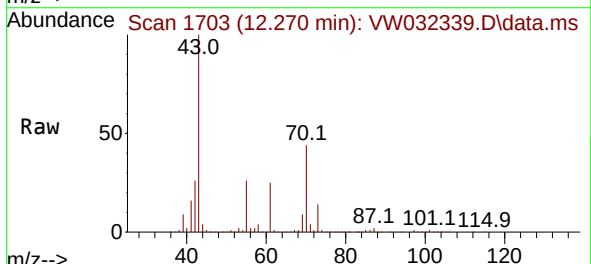
Ion Ratio Lower Upper

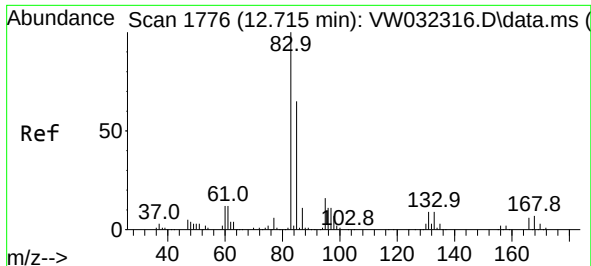
43 100

70 44.9 35.3 52.9

55 25.7 19.9 29.9

61 24.3 19.6 29.4

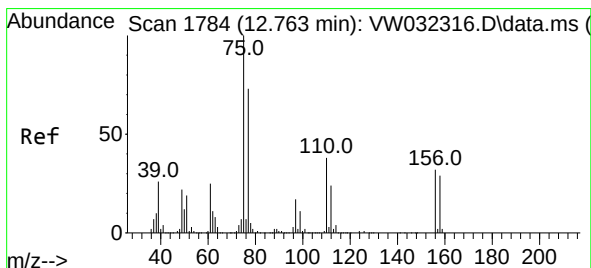
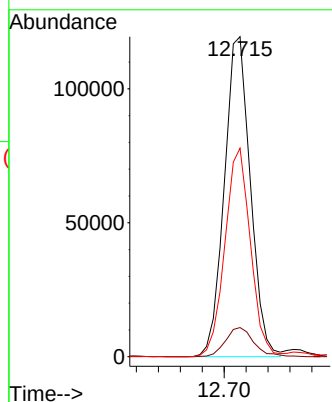
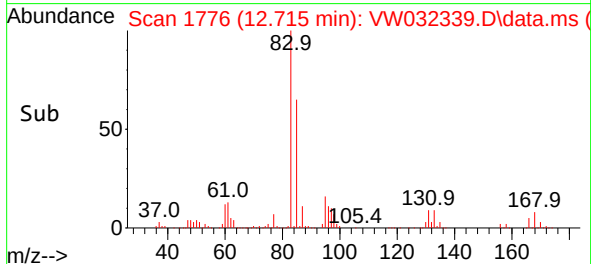
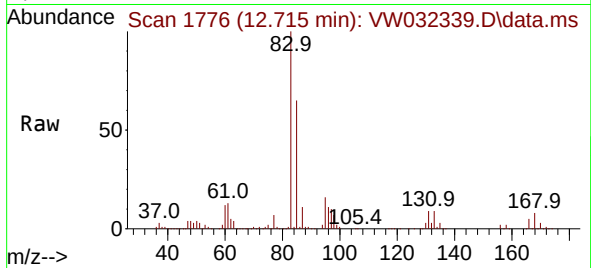




#75
1,1,2,2-Tetrachloroethane
Concen: 51.406 ug/l
RT: 12.715 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

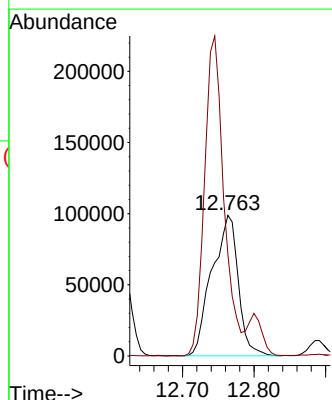
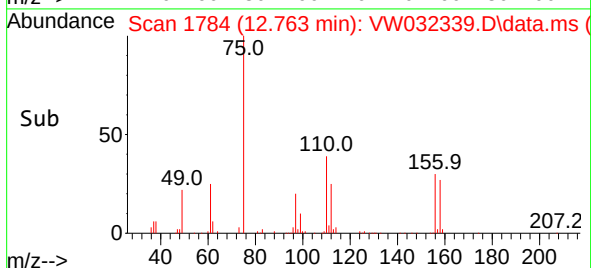
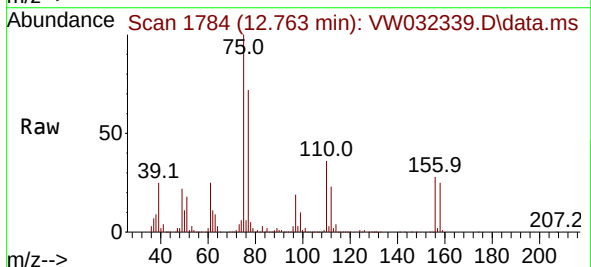
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

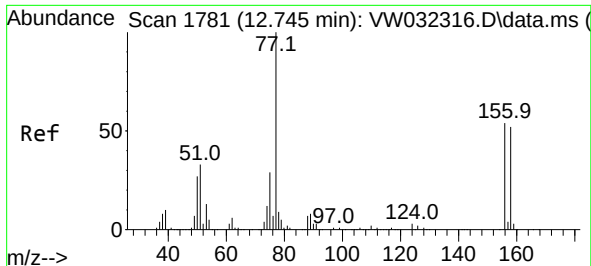
Tgt Ion: 83 Resp: 196881
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.4
85 63.9 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 84.951 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

Tgt Ion: 75 Resp: 252041
Ion Ratio Lower Upper
75 100
77 167.7 141.7 425.1

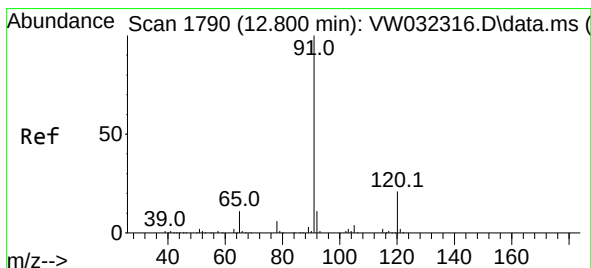
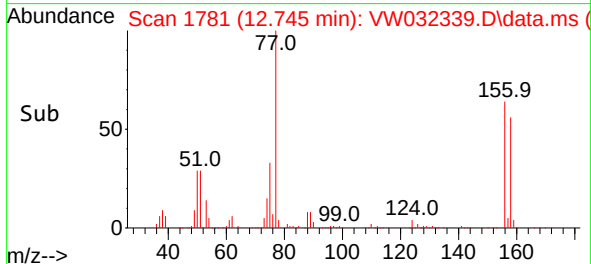
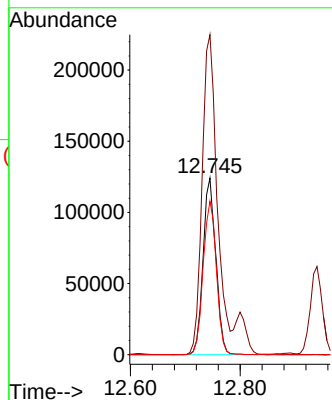
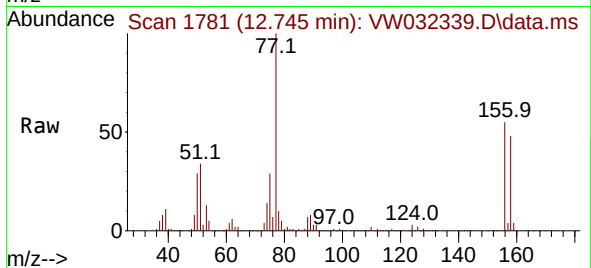




#77
Bromobenzene
Concen: 53.896 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

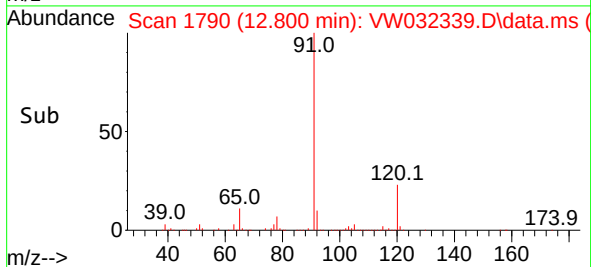
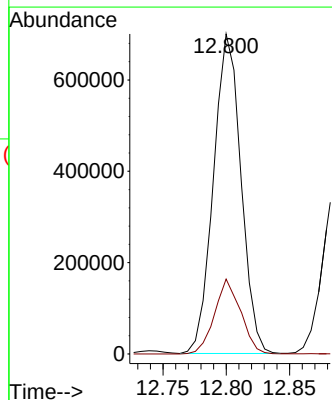
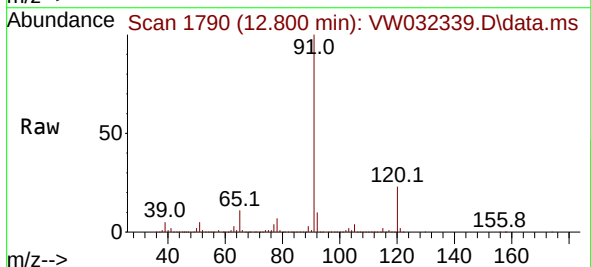
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

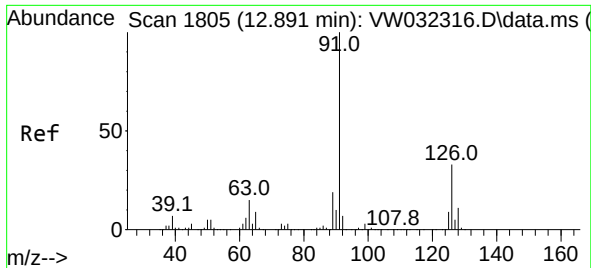
Tgt Ion:156 Resp: 200397
Ion Ratio Lower Upper
156 100
77 210.9 98.6 295.7
158 90.1 48.4 145.0



#78
n-propylbenzene
Concen: 54.940 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

Tgt Ion: 91 Resp: 1058560
Ion Ratio Lower Upper
91 100
120 22.2 11.8 35.4

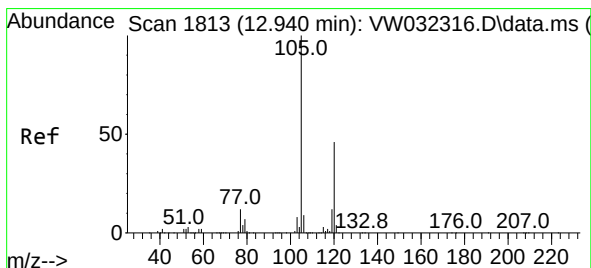
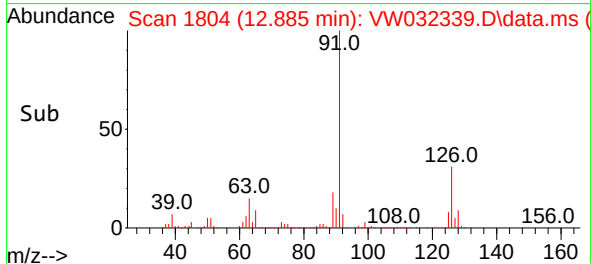
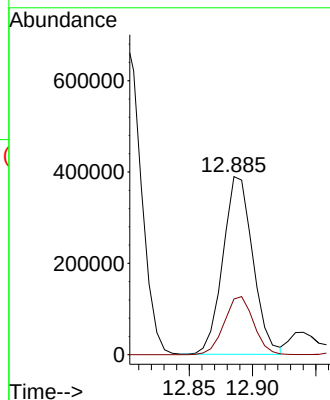
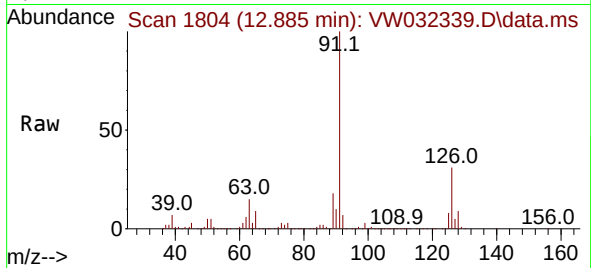




#79
2-Chlorotoluene
Concen: 54.484 ug/l
RT: 12.885 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

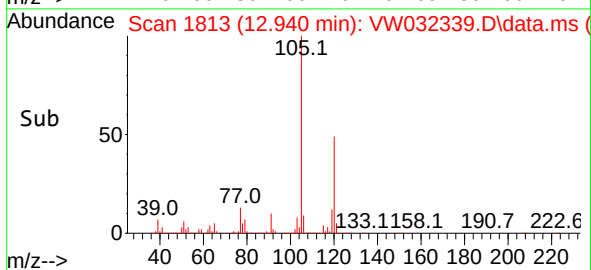
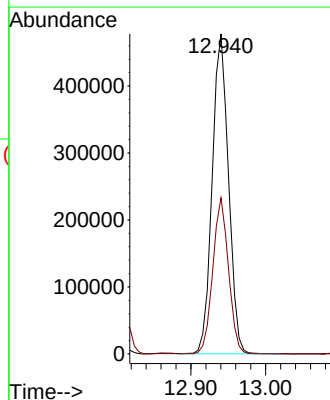
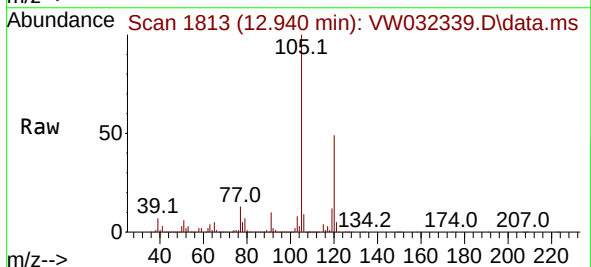
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

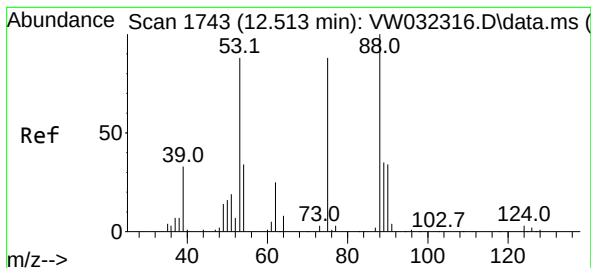
Tgt Ion: 91 Resp: 641871
Ion Ratio Lower Upper
91 100
126 32.1 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 54.299 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

Tgt Ion: 105 Resp: 724225
Ion Ratio Lower Upper
105 100
120 47.2 24.8 74.4

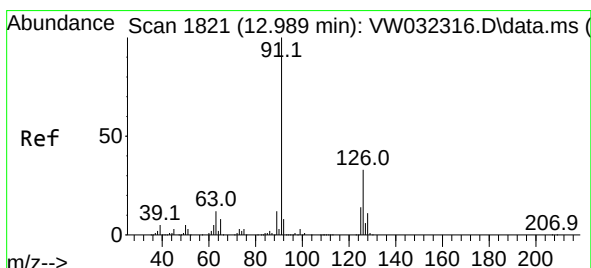
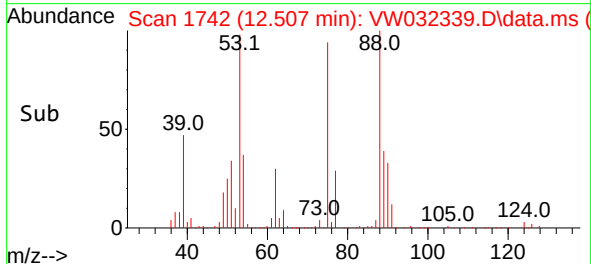
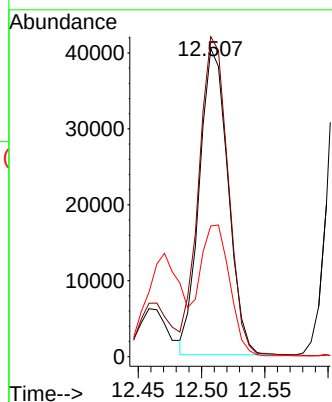
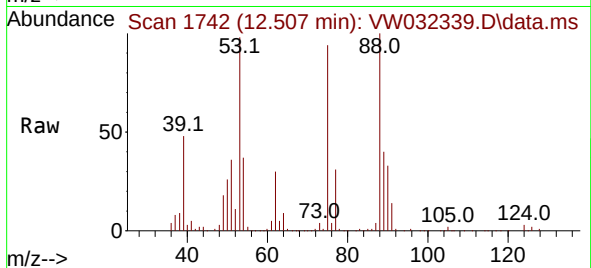




#81
trans-1,4-Dichloro-2-butene
Concen: 54.341 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

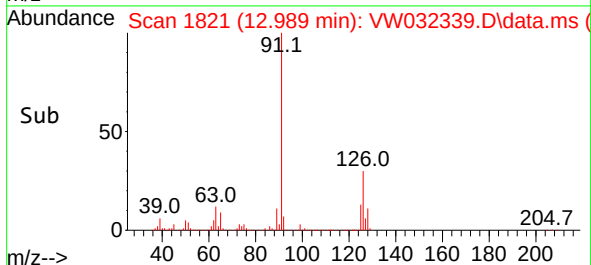
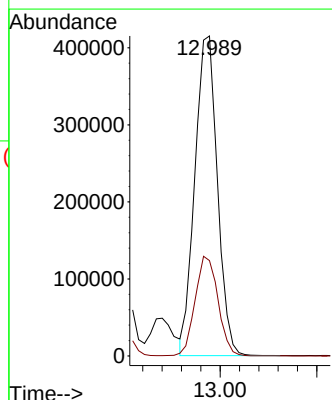
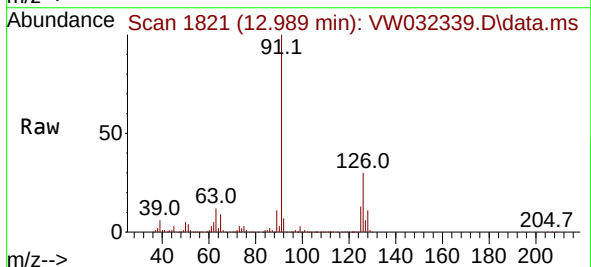
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

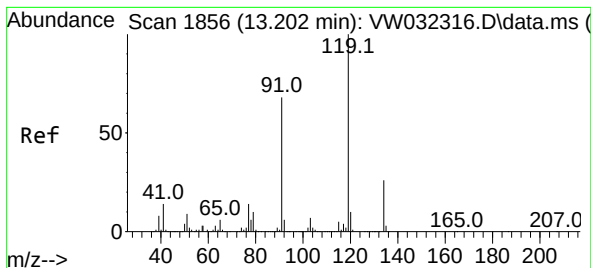
Tgt Ion: 75 Resp: 63642
Ion Ratio Lower Upper
75 100
53 107.3 91.0 136.6
89 45.1 39.4 59.2



#82
4-Chlorotoluene
Concen: 53.665 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

Tgt Ion: 91 Resp: 672167
Ion Ratio Lower Upper
91 100
126 31.8 16.1 48.2

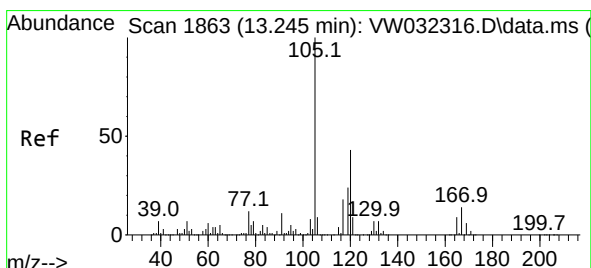
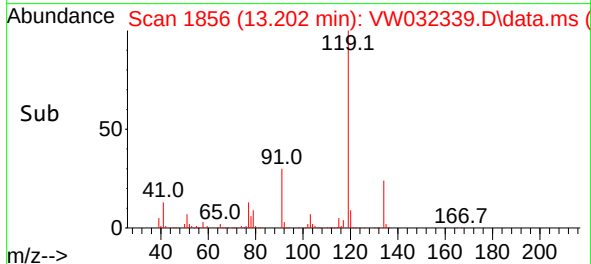
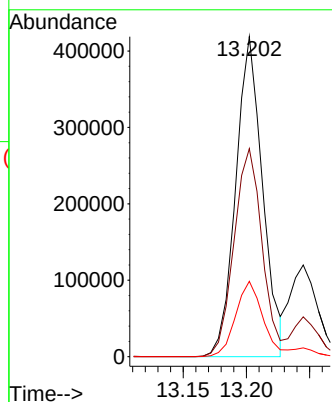
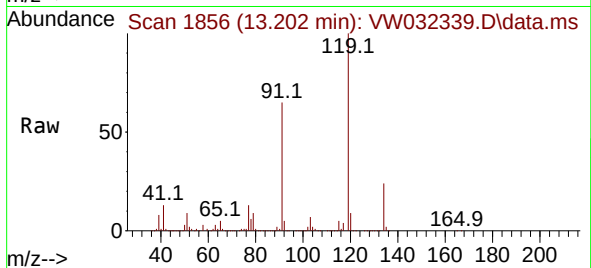




#83
 tert-Butylbenzene
 Concen: 56.649 ug/l
 RT: 13.202 min Scan# 1856
 Delta R.T. 0.000 min
 Lab File: VW032339.D
 Acq: 03 Oct 2025 09:13

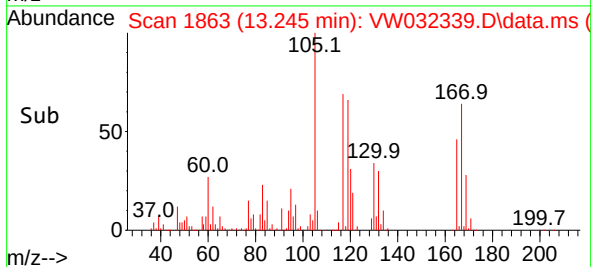
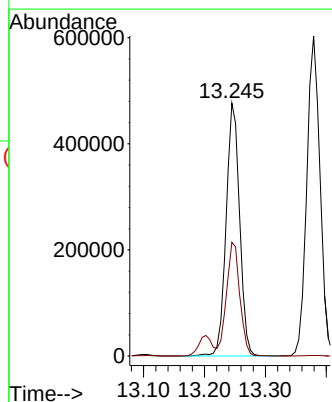
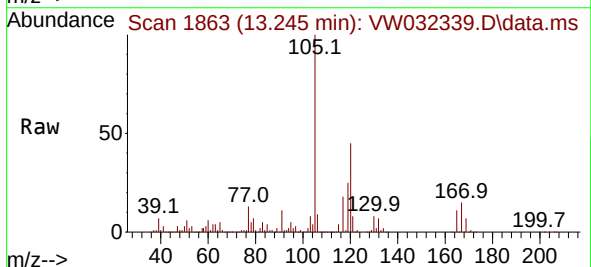
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

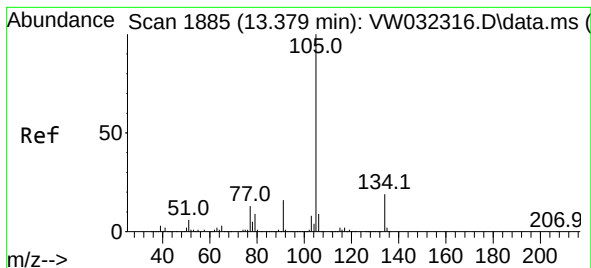
Tgt Ion:119 Resp: 619939
 Ion Ratio Lower Upper
 119 100
 91 67.7 33.8 101.3
 134 24.0 12.5 37.5



#84
 1,2,4-Trimethylbenzene
 Concen: 54.079 ug/l
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW032339.D
 Acq: 03 Oct 2025 09:13

Tgt Ion:105 Resp: 733435
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.1 66.3

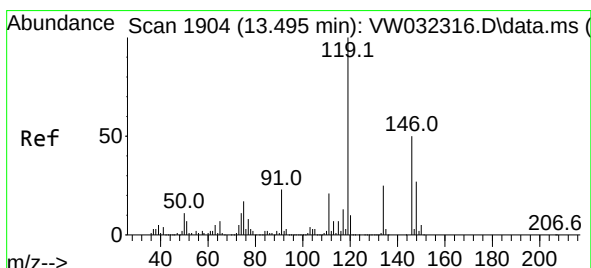
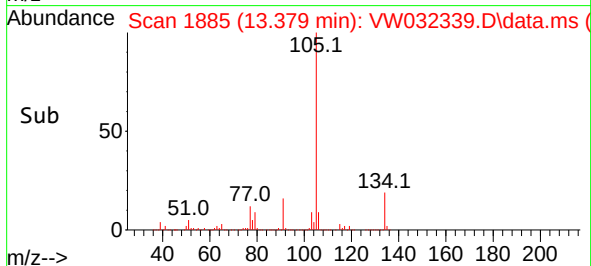
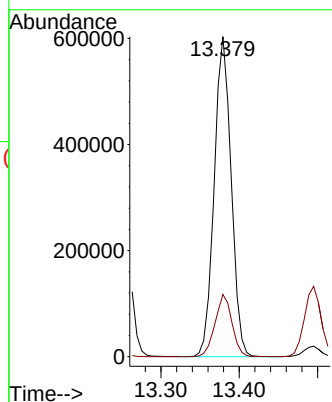
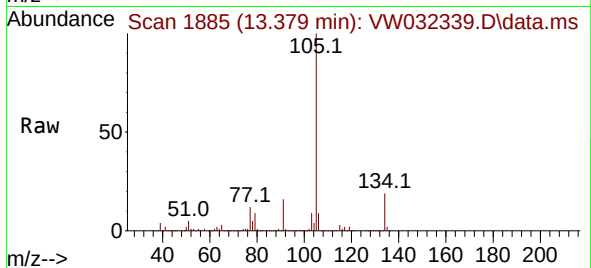




#85
 sec-Butylbenzene
 Concen: 54.270 ug/l
 RT: 13.379 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW032339.D
 Acq: 03 Oct 2025 09:13

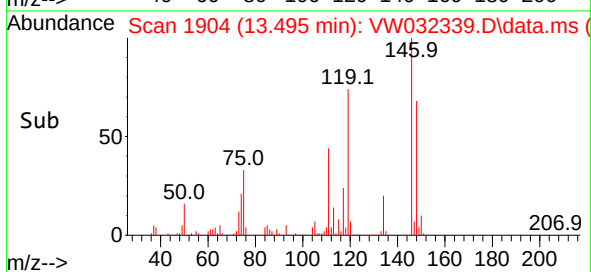
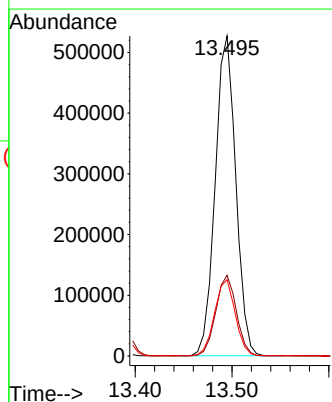
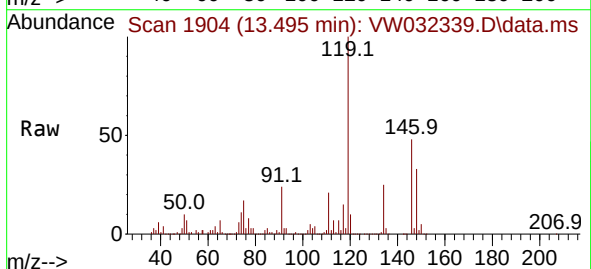
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

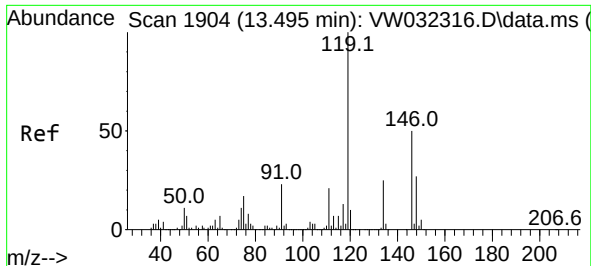
Tgt Ion:105 Resp: 907595
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 55.923 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VW032339.D
 Acq: 03 Oct 2025 09:13

Tgt Ion:119 Resp: 776020
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.6
 91 24.0 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 53.628 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032339.D

Acq: 03 Oct 2025 09:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

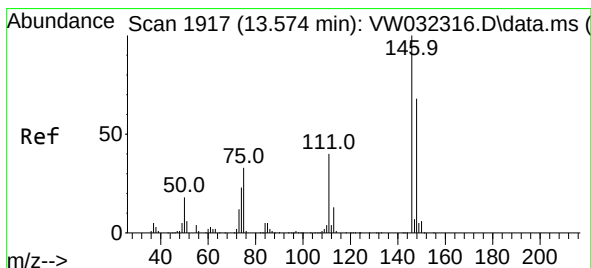
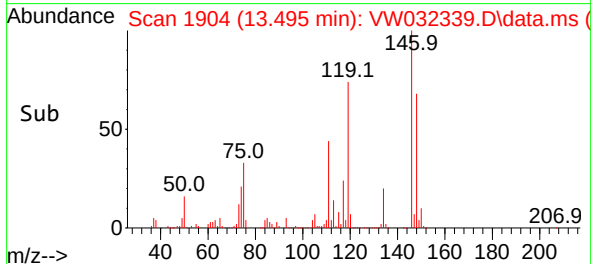
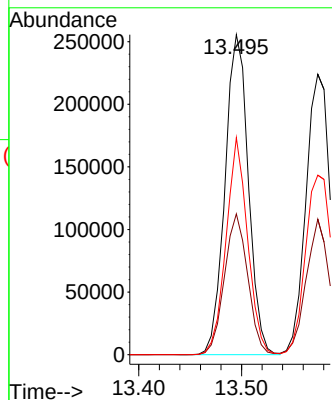
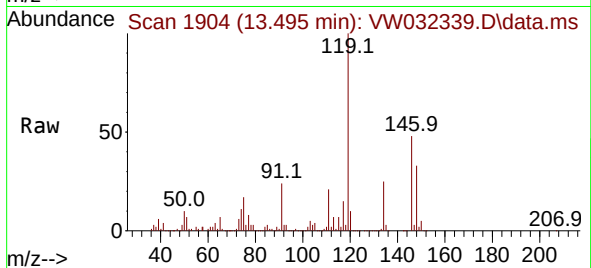
Tgt Ion:146 Resp: 403770

Ion Ratio Lower Upper

146 100

111 43.8 20.6 61.9

148 62.6 30.6 92.0



#88

1,4-Dichlorobenzene

Concen: 49.923 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032339.D

Acq: 03 Oct 2025 09:13

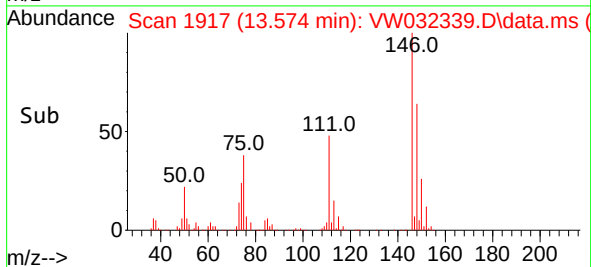
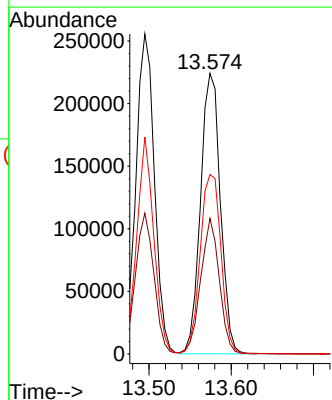
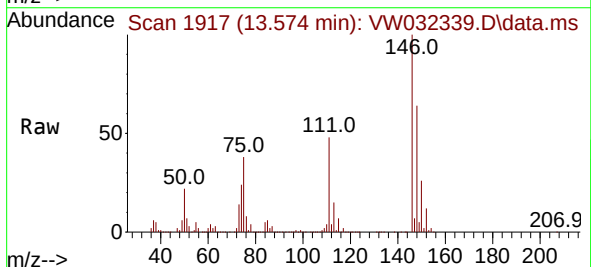
Tgt Ion:146 Resp: 375840

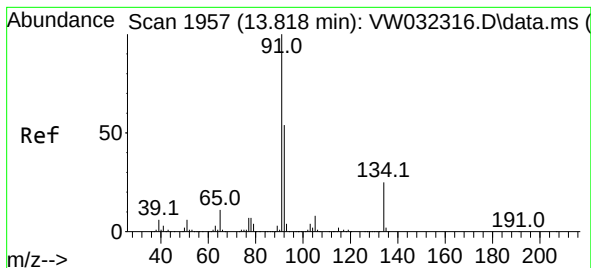
Ion Ratio Lower Upper

146 100

111 45.1 21.3 63.7

148 66.9 33.4 100.1





#89

n-Butylbenzene

Concen: 55.019 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032339.D

Acq: 03 Oct 2025 09:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

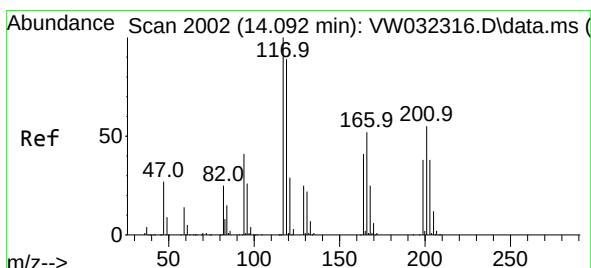
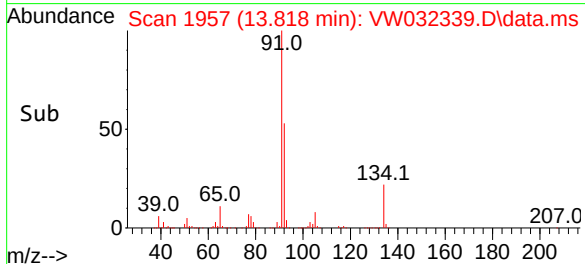
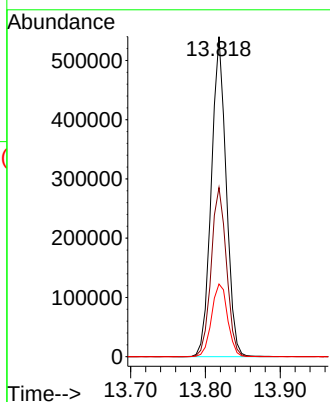
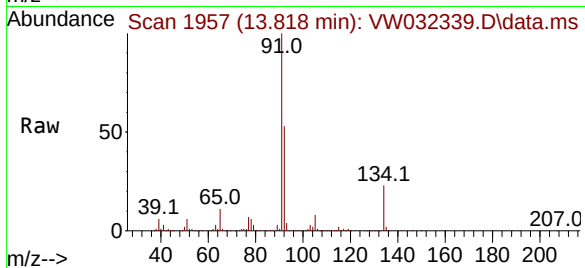
Tgt Ion: 91 Resp: 745424

Ion Ratio Lower Upper

91 100

92 54.4 27.0 81.0

134 24.5 13.1 39.3



#90

Hexachloroethane

Concen: 53.520 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW032339.D

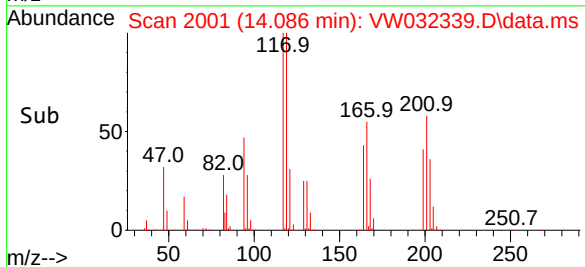
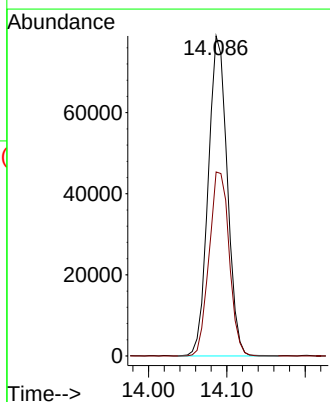
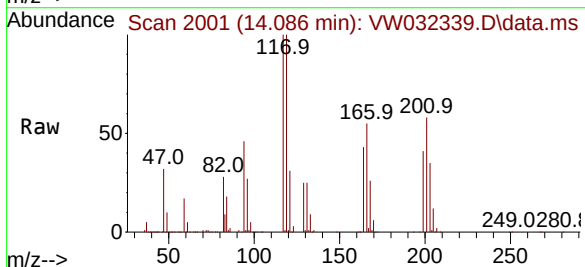
Acq: 03 Oct 2025 09:13

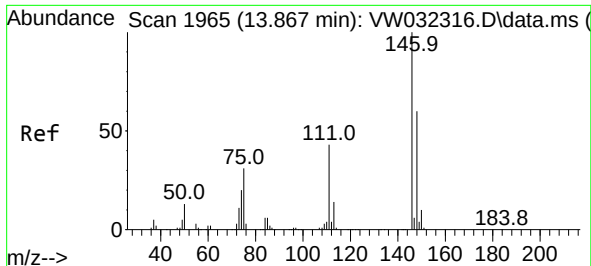
Tgt Ion: 117 Resp: 133119

Ion Ratio Lower Upper

117 100

201 60.7 32.8 98.4

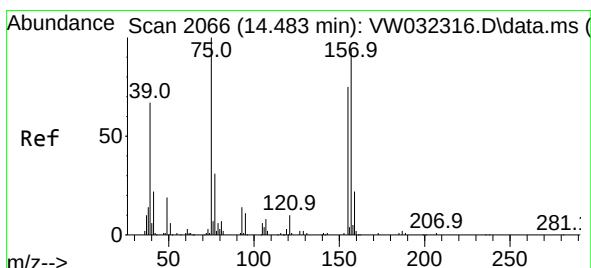
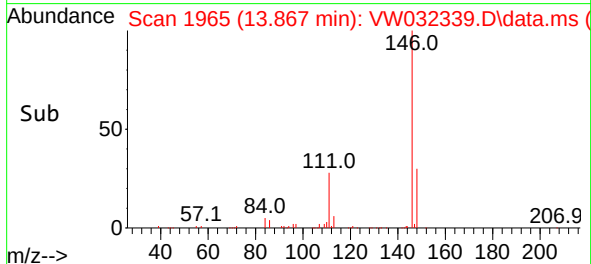
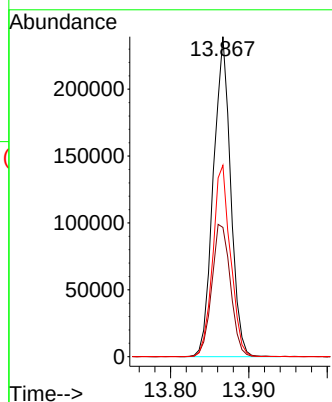
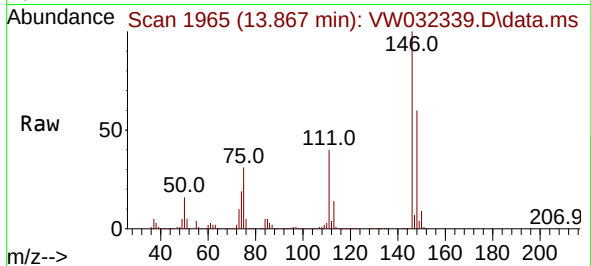




#91
1,2-Dichlorobenzene
Concen: 53.824 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

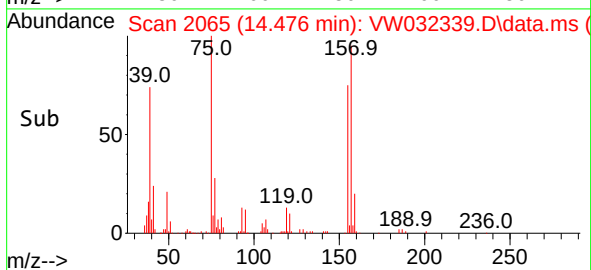
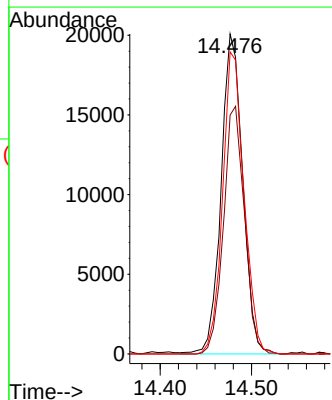
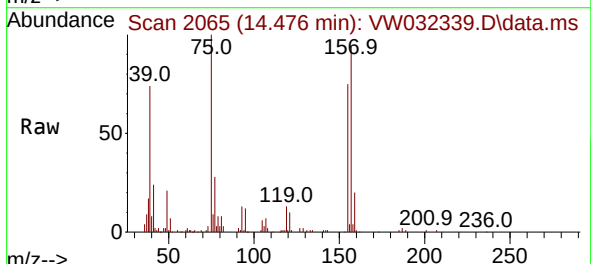
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

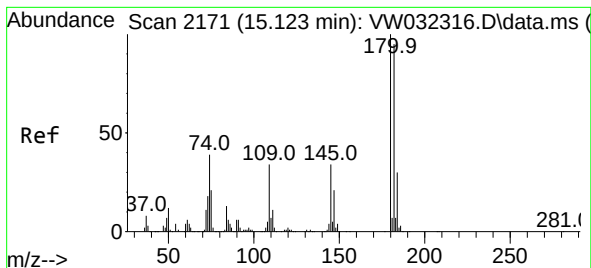
Tgt Ion:146 Resp: 366331
Ion Ratio Lower Upper
146 100
111 44.7 23.4 70.0
148 61.1 34.1 102.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.162 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW032339.D
Acq: 03 Oct 2025 09:13

Tgt Ion: 75 Resp: 32966
Ion Ratio Lower Upper
75 100
155 75.5 40.8 122.5
157 93.3 51.8 155.4





#93

1,2,4-Trichlorobenzene

Concen: 52.236 ug/l

RT: 15.129 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VW032339.D

Acq: 03 Oct 2025 09:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

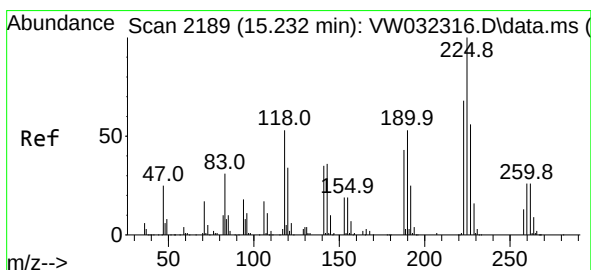
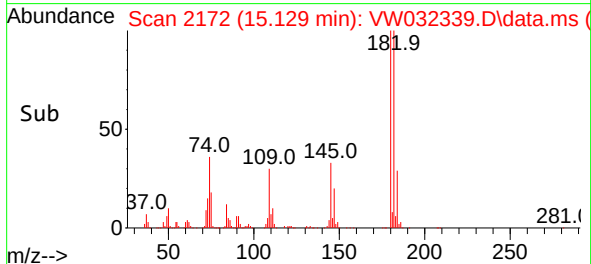
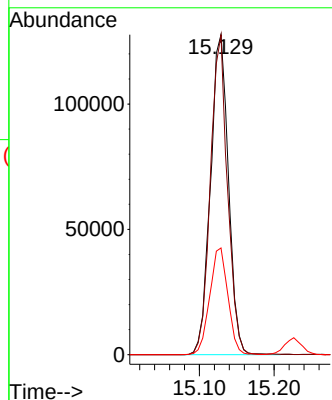
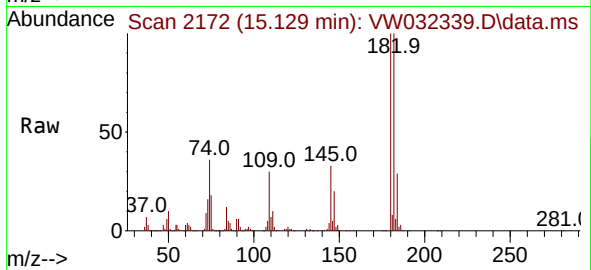
Tgt Ion:180 Resp: 213186

Ion Ratio Lower Upper

180 100

182 94.9 47.4 142.2

145 33.8 16.4 49.1



#94

Hexachlorobutadiene

Concen: 52.448 ug/l

RT: 15.232 min Scan# 2189

Delta R.T. 0.006 min

Lab File: VW032339.D

Acq: 03 Oct 2025 09:13

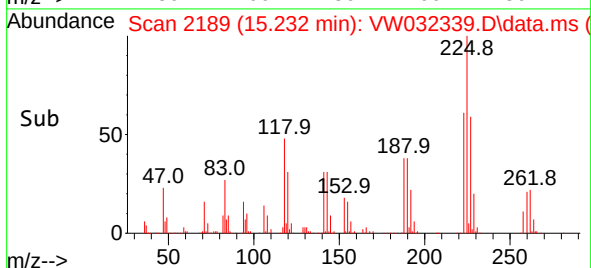
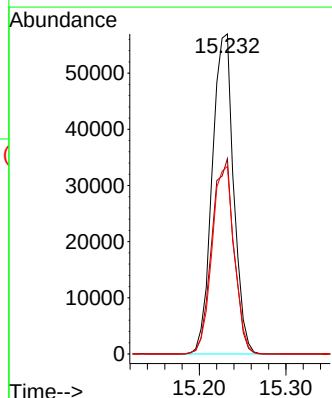
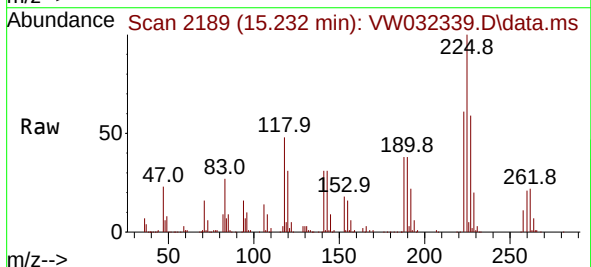
Tgt Ion:225 Resp: 97863

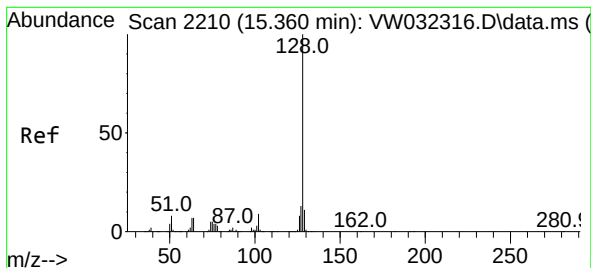
Ion Ratio Lower Upper

225 100

223 62.5 29.8 89.3

227 61.1 30.5 91.5





#95

Naphthalene

Concen: 54.769 ug/l

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW032339.D

Acq: 03 Oct 2025 09:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

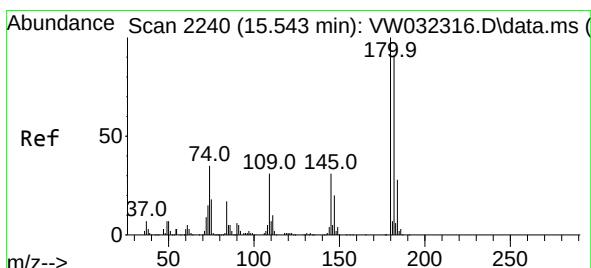
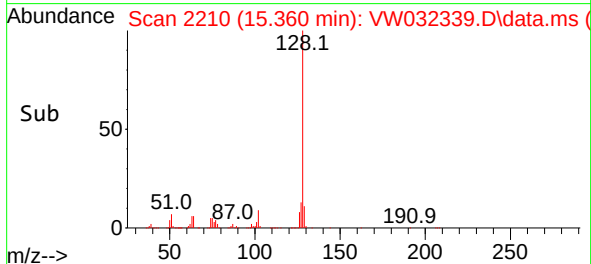
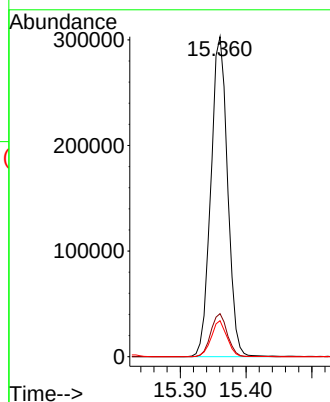
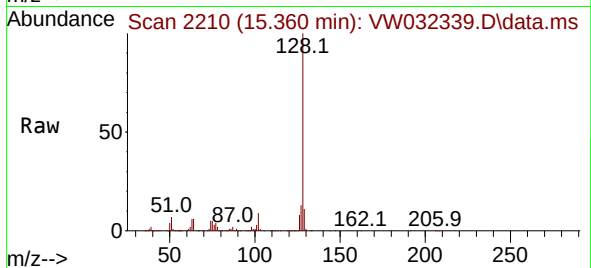
Tgt Ion:128 Resp: 536788

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 10.7 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 50.931 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW032339.D

Acq: 03 Oct 2025 09:13

Tgt Ion:180 Resp: 195919

Ion Ratio Lower Upper

180 100

182 93.5 47.7 143.1

145 36.2 17.2 51.6

