

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121225\
 Data File : VW032647.D
 Acq On : 12 Dec 2025 14:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 6.13g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 13 00:07:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 01:56:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	360861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	626029	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	552203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	270373	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.312	65	261700	46.388	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	92.780%
35) Dibromofluoromethane	7.898	113	214551	48.213	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	96.420%
50) Toluene-d8	10.324	98	813435	50.630	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	101.260%
62) 4-Bromofluorobenzene	12.617	95	296266	50.226	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	100.460%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.045	85	128241	57.230	ug/l	97
3) Chloromethane	2.253	50	204155	51.645	ug/l	98
4) Vinyl Chloride	2.405	62	271545	57.569	ug/l	98
5) Bromomethane	2.820	94	178478	56.811	ug/l	97
6) Chloroethane	2.966	64	177753	58.403	ug/l	94
7) Trichlorofluoromethane	3.307	101	227044	54.981	ug/l	90
8) Diethyl Ether	3.722	74	153396	55.475	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.100	101	237613	57.461	ug/l	97
10) Methyl Iodide	4.301	142	337905	58.681	ug/l	99
11) Tert butyl alcohol	5.215	59	92226	246.098	ug/l	99
12) 1,1-Dichloroethene	4.075	96	260468	59.459	ug/l	96
13) Acrolein	3.929	56	81192	128.707	ug/l	99
14) Allyl chloride	4.703	41	464031	56.981	ug/l	98
15) Acrylonitrile	5.398	53	424319	274.601	ug/l	99
16) Acetone	4.161	43	463676	245.266	ug/l	98
17) Carbon Disulfide	4.417	76	712195	55.940	ug/l	99
18) Methyl Acetate	4.703	43	204768	55.523	ug/l	99
19) Methyl tert-butyl Ether	5.459	73	512579	58.934	ug/l	98
20) Methylene Chloride	4.953	84	302295	52.376	ug/l	96
21) trans-1,2-Dichloroethene	5.459	96	274643	57.403	ug/l	93
22) Diisopropyl ether	6.337	45	969846	58.816	ug/l	95
23) Vinyl Acetate	6.276	43	3212715	288.148	ug/l	100
24) 1,1-Dichloroethane	6.246	63	540001	57.263	ug/l	99
25) 2-Butanone	7.191	43	584309	263.040	ug/l	99
26) 2,2-Dichloropropane	7.185	77	297768	56.236	ug/l	98
27) cis-1,2-Dichloroethene	7.185	96	329394	58.965	ug/l	98
28) Bromochloromethane	7.526	49	188808	50.398	ug/l	99
29) Tetrahydrofuran	7.550	42	361535	271.097	ug/l	99
30) Chloroform	7.691	83	533155	57.316	ug/l	99
31) Cyclohexane	7.965	56	471788	54.279	ug/l	99
32) 1,1,1-Trichloroethane	7.886	97	395325	57.796	ug/l	99
36) 1,1-Dichloropropene	8.093	75	387545	60.129	ug/l	100
37) Ethyl Acetate	7.270	43	260659	59.041	ug/l	99
38) Carbon Tetrachloride	8.075	117	349382	58.606	ug/l	96
39) Methylcyclohexane	9.343	83	484295	59.749	ug/l	97
40) Benzene	8.331	78	1176213	60.156	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	148068	62.749	ug/l	95
42) 1,2-Dichloroethane	8.410	62	364994	58.629	ug/l	100
43) Isopropyl Acetate	8.428	43	451373	57.651	ug/l	100
44) Trichloroethene	9.099	130	265994	59.579	ug/l	99
45) 1,2-Dichloropropane	9.373	63	298940	60.422	ug/l	98
46) Dibromomethane	9.465	93	171562	59.185	ug/l	100
47) Bromodichloromethane	9.648	83	410866	60.933	ug/l	99
48) Methyl methacrylate	9.440	41	208926	56.535	ug/l	99
49) 1,4-Dioxane	9.465	88	42175	1084.542	ug/l #	97
51) 4-Methyl-2-Pentanone	10.208	43	1274262	291.914	ug/l	100
52) Toluene	10.385	92	729738	60.660	ug/l	99
53) t-1,3-Dichloropropene	10.605	75	408377	61.425	ug/l	98
54) cis-1,3-Dichloropropene	10.074	75	462186	60.286	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	233360	60.000	ug/l	99
56) Ethyl methacrylate	10.647	69	335204	59.698	ug/l	99
57) 1,3-Dichloropropane	10.934	76	412565	59.058	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	693306	352.141	ug/l	100
59) 2-Hexanone	10.964	43	910960	288.138	ug/l	99
60) Dibromochloromethane	11.129	129	267777	61.812	ug/l	98
61) 1,2-Dibromoethane	11.233	107	217004	57.700	ug/l	96
64) Tetrachloroethene	10.867	164	226885	64.082	ug/l	86
65) Chlorobenzene	11.659	112	784267	62.198	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.726	131	252459	64.114	ug/l	96
67) Ethyl Benzene	11.726	91	1403419	64.402	ug/l	97
68) m/p-Xylenes	11.836	106	1068183	127.726	ug/l	99
69) o-Xylene	12.165	106	489393	63.449	ug/l	96
70) Styrene	12.178	104	860556	63.998	ug/l	100
71) Bromoform	12.348	173	142542	62.344	ug/l #	97
73) Isopropylbenzene	12.458	105	1264979	61.513	ug/l	99
74) N-amyl acetate	12.269	43	411432	58.394	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	286600	57.889	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	370391	102.090	ug/l	31
77) Bromobenzene	12.745	156	283658	60.110	ug/l	95
78) n-propylbenzene	12.799	91	1613113	61.409	ug/l	100
79) 2-Chlorotoluene	12.891	91	925820	60.043	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	1062731	61.526	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.513	75	97692	64.658	ug/l	95
82) 4-Chlorotoluene	12.988	91	974928	59.533	ug/l	99
83) tert-Butylbenzene	13.202	119	912586	62.019	ug/l	100
84) 1,2,4-Trimethylbenzene	13.244	105	1039325	59.662	ug/l	99
85) sec-Butylbenzene	13.379	105	1329293	59.003	ug/l	99
86) p-Isopropyltoluene	13.494	119	1113828	60.785	ug/l	98
87) 1,3-Dichlorobenzene	13.494	146	580712	60.122	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	555259	57.730	ug/l	96
89) n-Butylbenzene	13.818	91	1114036	60.512	ug/l	99
90) Hexachloroethane	14.086	117	201532	58.884	ug/l	96
91) 1,2-Dichlorobenzene	13.866	146	485154	55.647	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.476	75	48447	55.095	ug/l	100
93) 1,2,4-Trichlorobenzene	15.128	180	296754	57.308	ug/l	100
94) Hexachlorobutadiene	15.232	225	135245	55.252	ug/l	96
95) Naphthalene	15.360	128	726073	64.533	ug/l	99
96) 1,2,3-Trichlorobenzene	15.555	180	278579	56.914	ug/l	97

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QLast Update : Thu Dec 11 01:56:28 2025
Response via : Initial Calibration

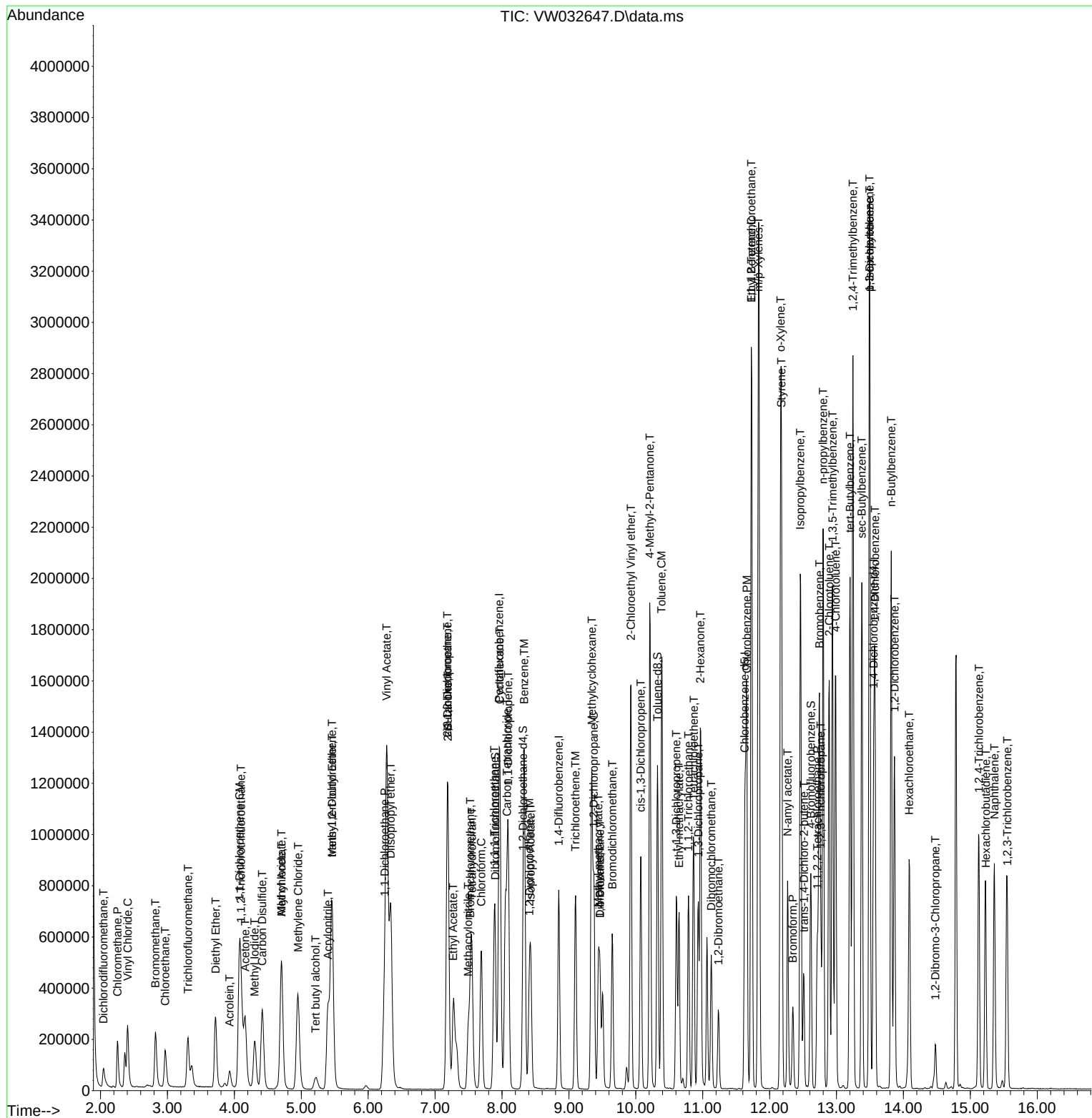
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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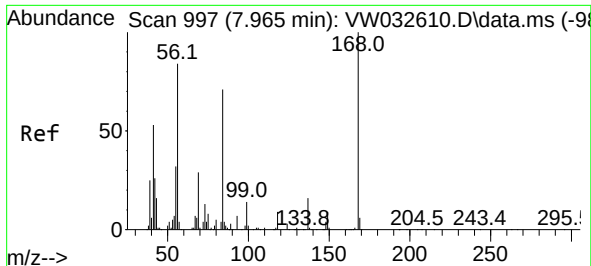
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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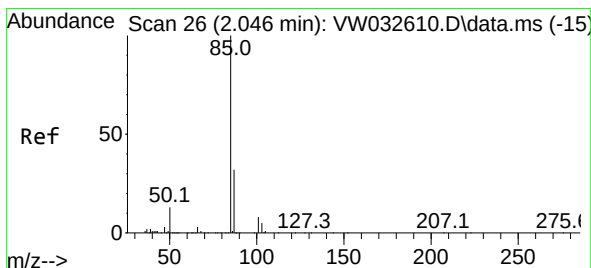
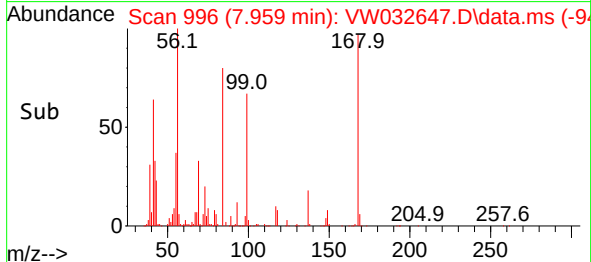
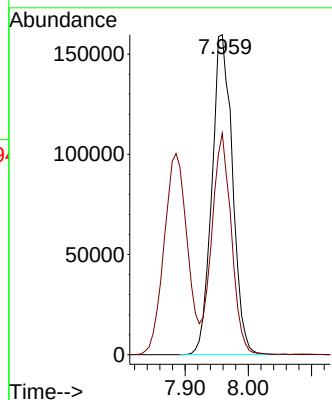
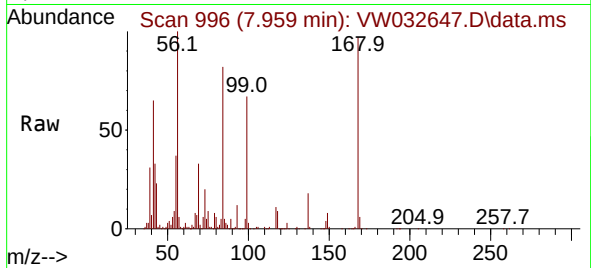




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
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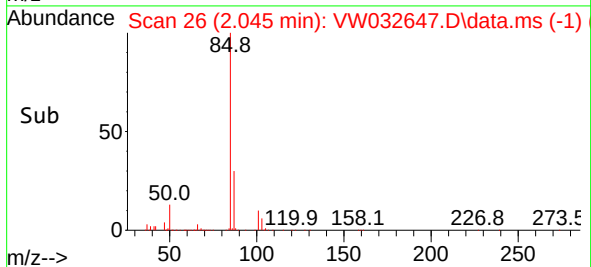
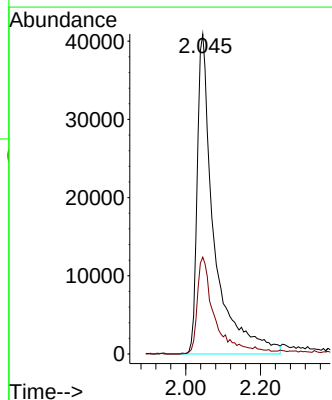
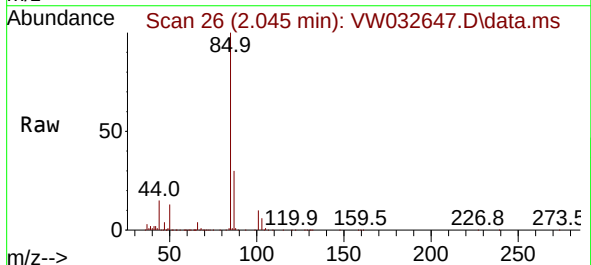
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

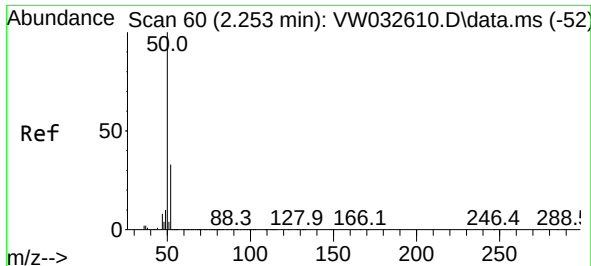
Tgt Ion:168 Resp: 360861
Ion Ratio Lower Upper
168 100
99 69.1 47.8 71.8



#2
Dichlorodifluoromethane
Concen: 57.230 ug/l
RT: 2.045 min Scan# 26
Delta R.T. -0.000 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

Tgt Ion: 85 Resp: 128241
Ion Ratio Lower Upper
85 100
87 30.3 16.1 48.3

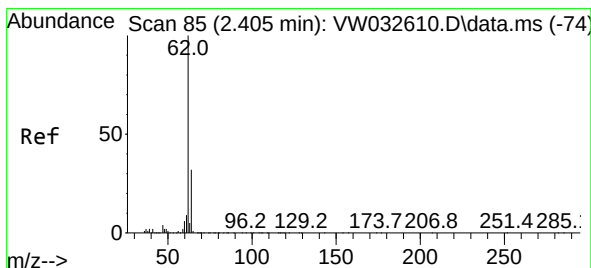
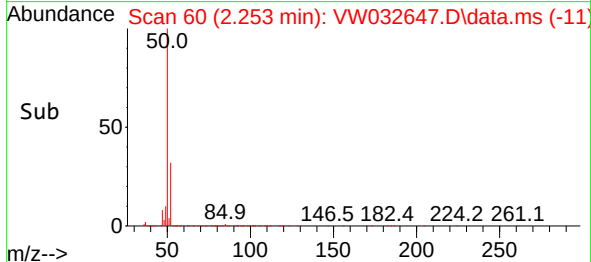
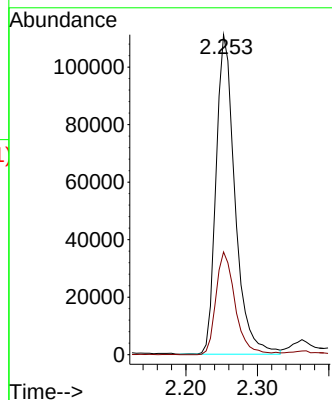
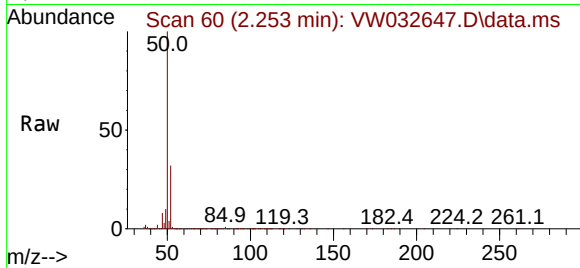




#3
Chloromethane
Concen: 51.645 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.000 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

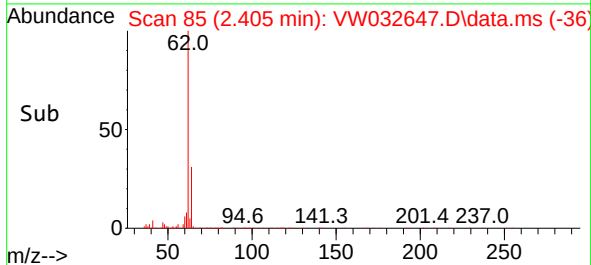
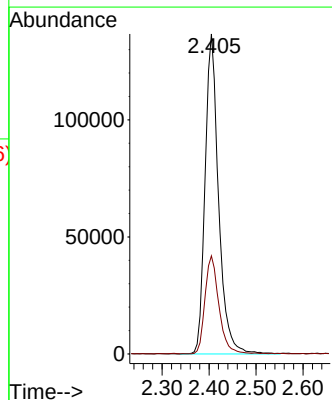
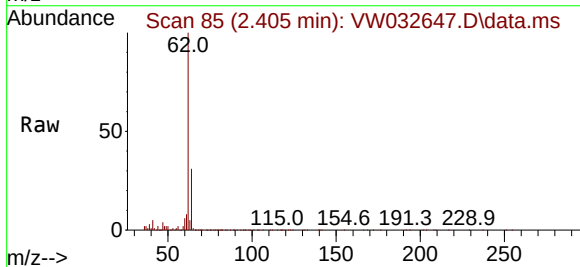
Instrument :
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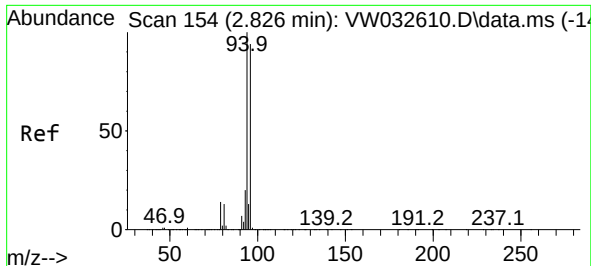
Tgt Ion: 50 Resp: 204155
Ion Ratio Lower Upper
50 100
52 32.2 26.6 40.0



#4
Vinyl Chloride
Concen: 57.569 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

Tgt Ion: 62 Resp: 271545
Ion Ratio Lower Upper
62 100
64 30.6 25.3 37.9

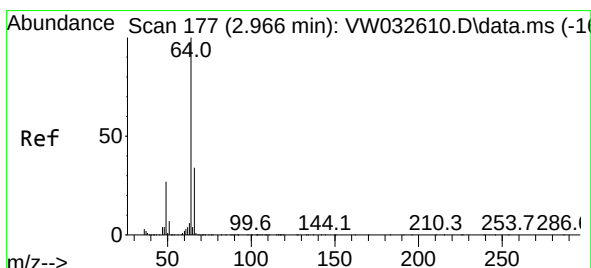
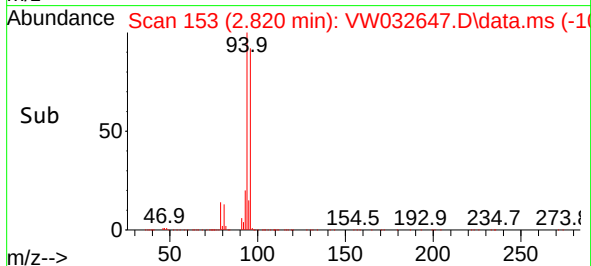
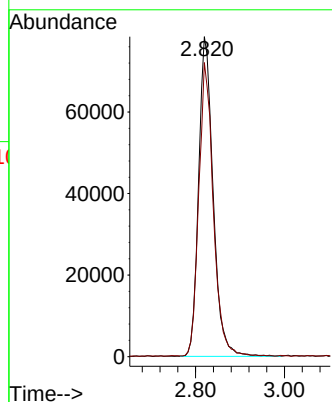
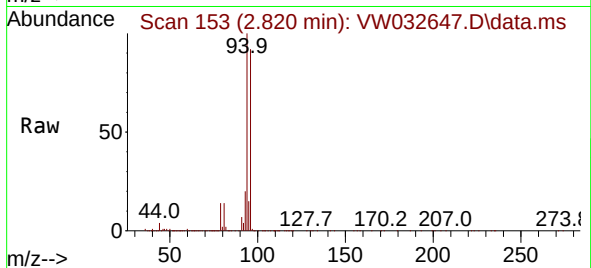




#5
Bromomethane
Concen: 56.811 ug/l
RT: 2.820 min Scan# 154
Delta R.T. -0.006 min
Lab File: VW032647.D
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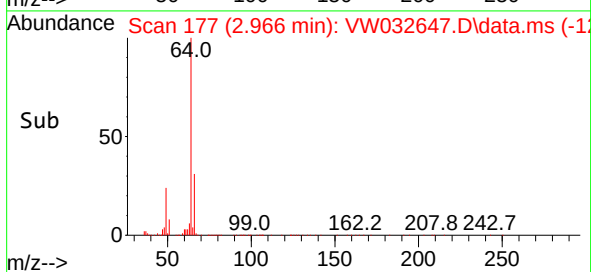
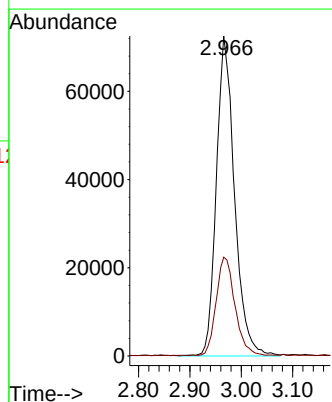
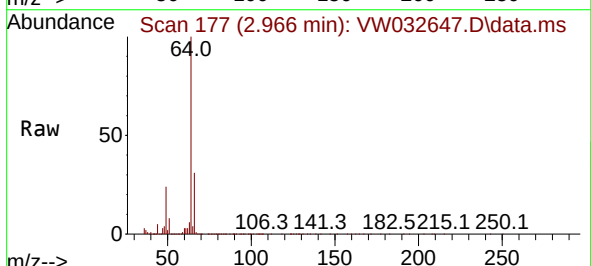
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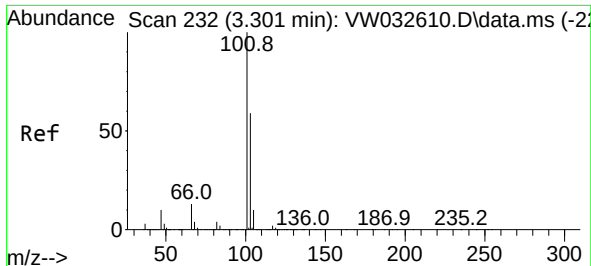
Tgt Ion: 94 Resp: 178478
Ion Ratio Lower Upper
94 100
96 91.7 75.4 113.2



#6
Chloroethane
Concen: 58.403 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.000 min
Lab File: VW032647.D
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Tgt Ion: 64 Resp: 177753
Ion Ratio Lower Upper
64 100
66 30.6 27.3 40.9

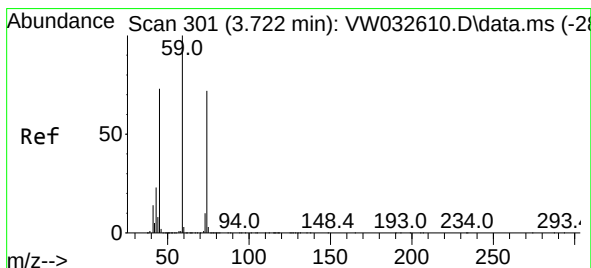
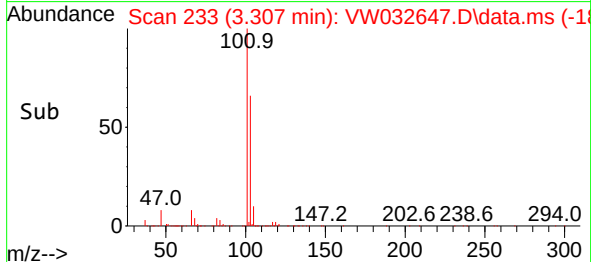
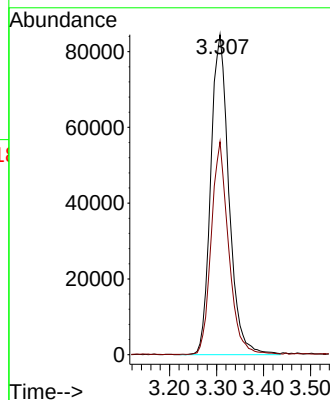
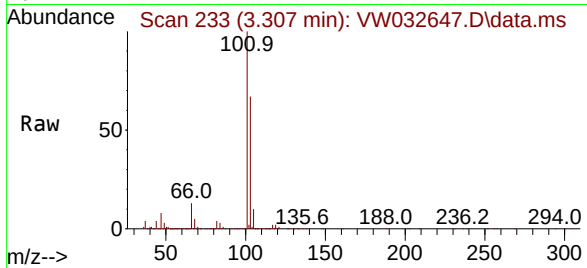




#7
Trichlorofluoromethane
Concen: 54.981 ug/l
RT: 3.307 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

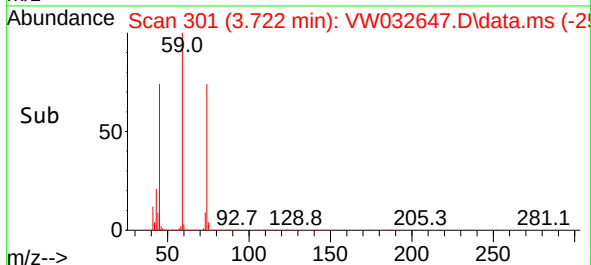
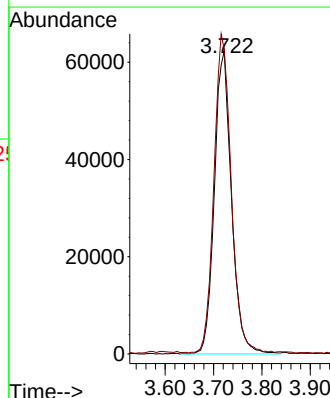
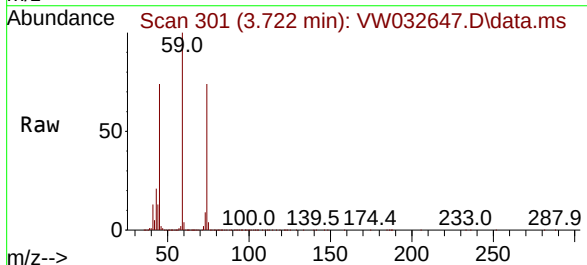
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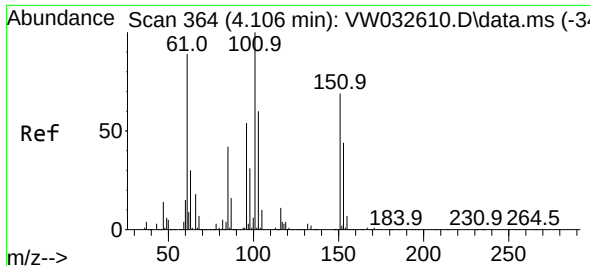
Tgt Ion:101 Resp: 227044
Ion Ratio Lower Upper
101 100
103 66.4 47.3 70.9



#8
Diethyl Ether
Concen: 55.475 ug/l
RT: 3.722 min Scan# 301
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 153396
Ion Ratio Lower Upper
74 100
45 105.7 52.4 157.2

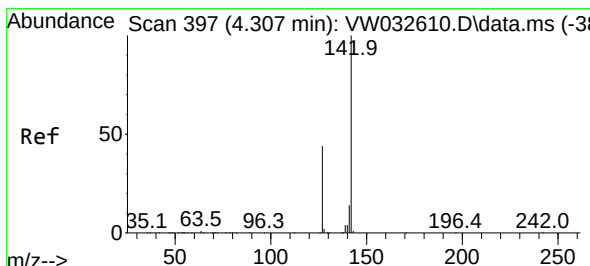
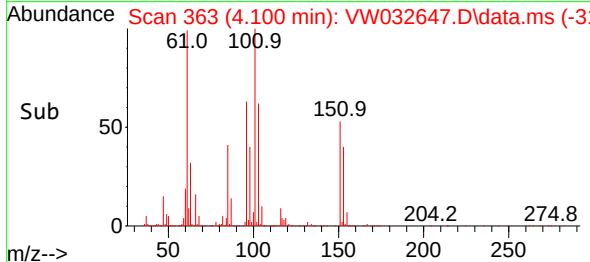
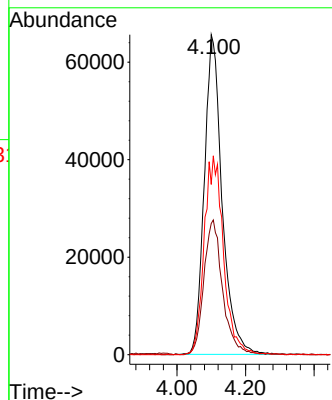
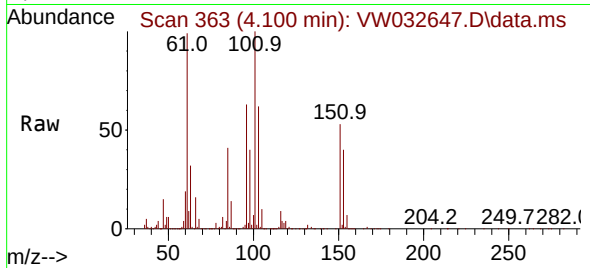




#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.461 ug/l
RT: 4.100 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

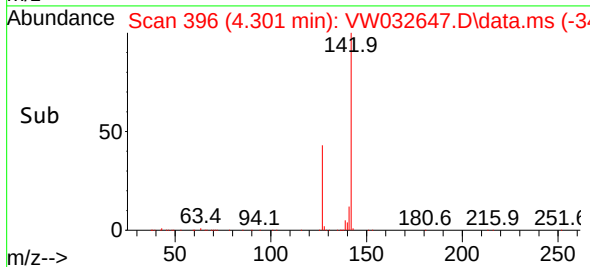
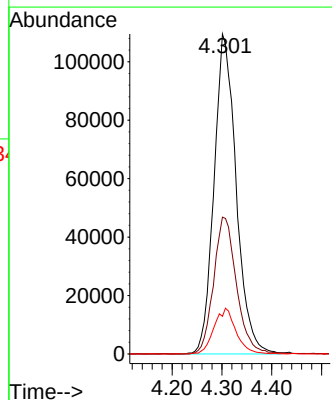
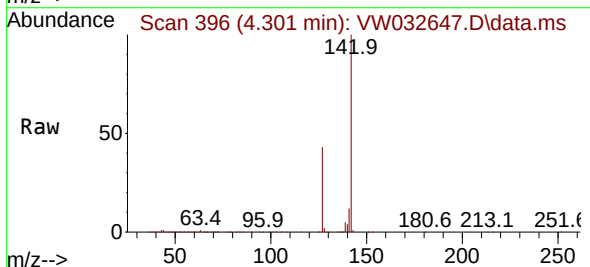
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

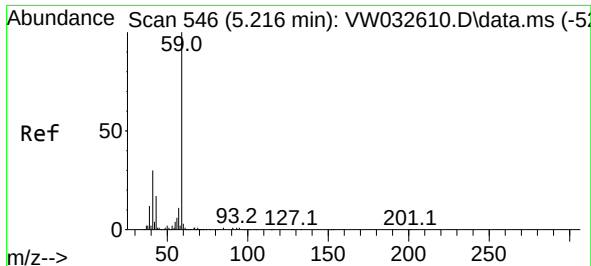
Tgt Ion:101 Resp: 237613
Ion Ratio Lower Upper
101 100
85 44.2 35.4 53.2
151 67.1 56.7 85.1



#10
Methyl Iodide
Concen: 58.681 ug/l
RT: 4.301 min Scan# 396
Delta R.T. -0.006 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

Tgt Ion:142 Resp: 337905
Ion Ratio Lower Upper
142 100
127 44.2 36.0 54.0
141 14.2 11.6 17.4

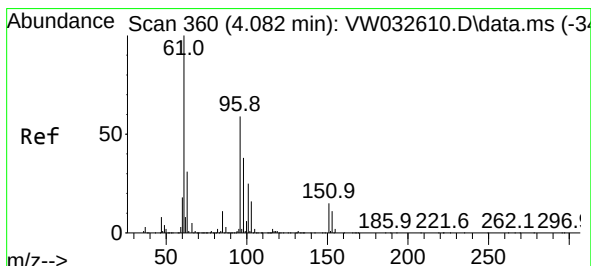
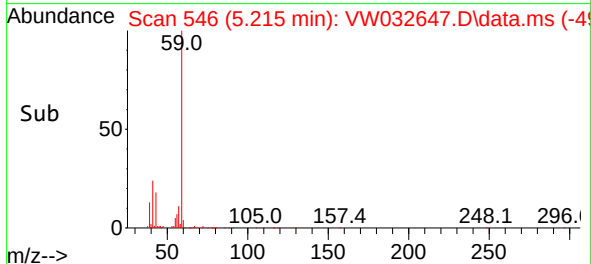
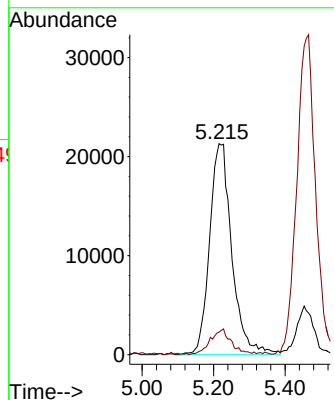
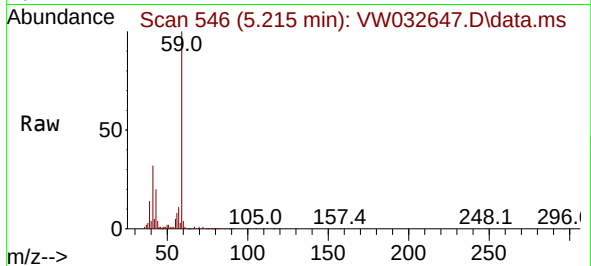




#11
Tert butyl alcohol
Concen: 246.098 ug/l
RT: 5.215 min Scan# 54
Delta R.T. -0.000 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

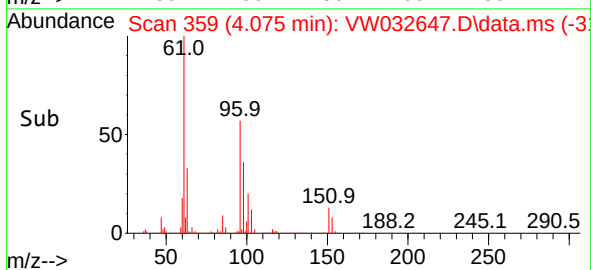
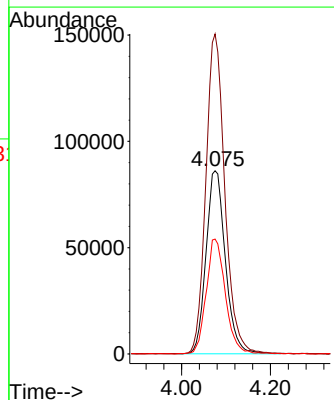
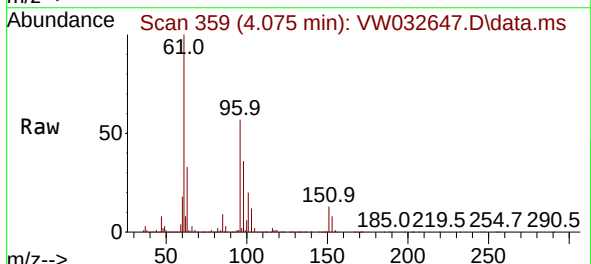
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

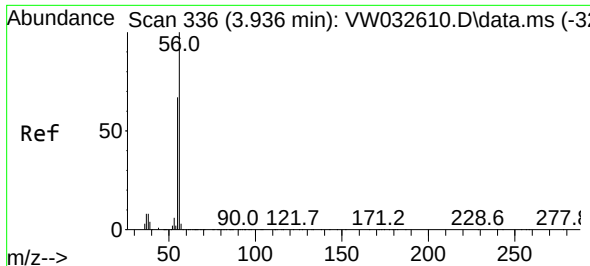
Tgt Ion: 59 Resp: 92226
Ion Ratio Lower Upper
59 100
57 11.3 9.4 14.0



#12
1,1-Dichloroethene
Concen: 59.459 ug/l
RT: 4.075 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

Tgt Ion: 96 Resp: 260468
Ion Ratio Lower Upper
96 100
61 174.6 134.6 202.0
98 62.6 51.1 76.7

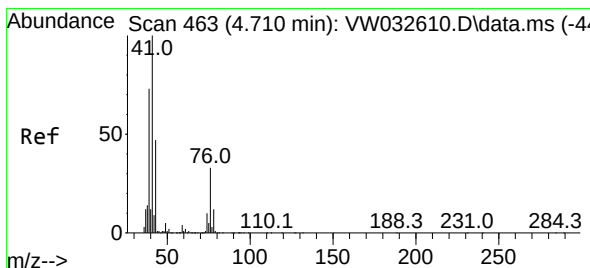
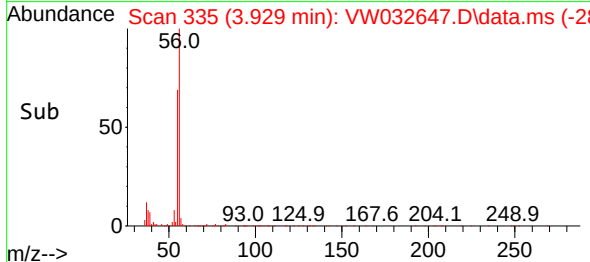
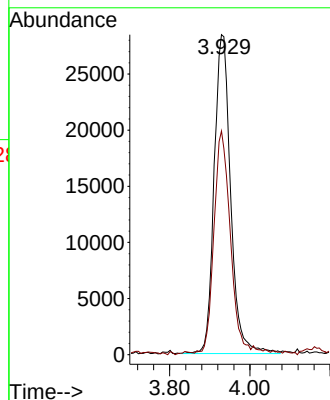
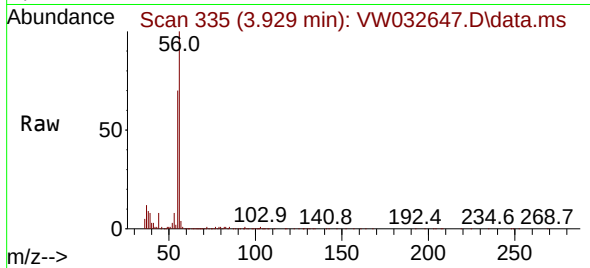




#13
Acrolein
Concen: 128.707 ug/l
RT: 3.929 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

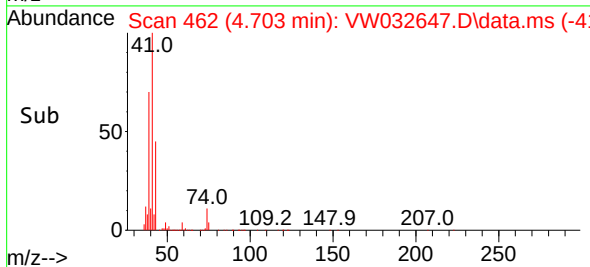
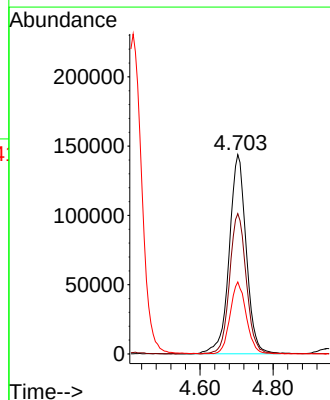
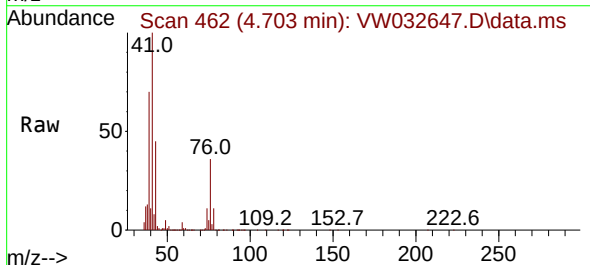
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

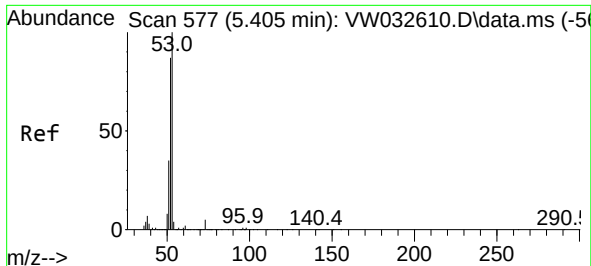
Tgt Ion: 56 Resp: 81192
Ion Ratio Lower Upper
56 100
55 69.2 56.0 84.0



#14
Allyl chloride
Concen: 56.981 ug/l
RT: 4.703 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

Tgt Ion: 41 Resp: 464031
Ion Ratio Lower Upper
41 100
39 69.2 54.2 81.2
76 34.2 26.3 39.5

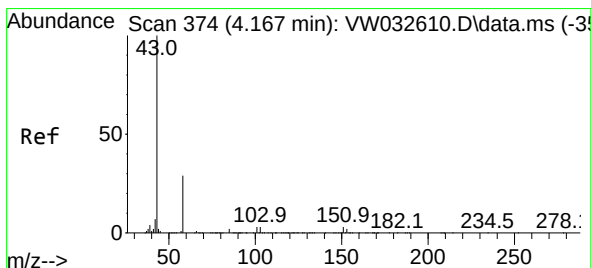
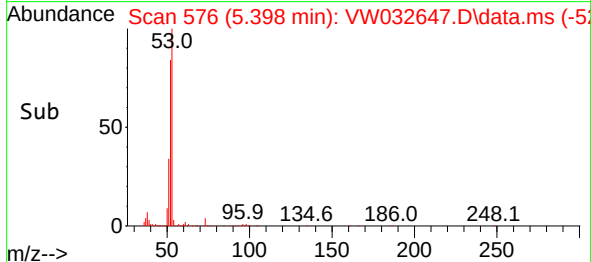
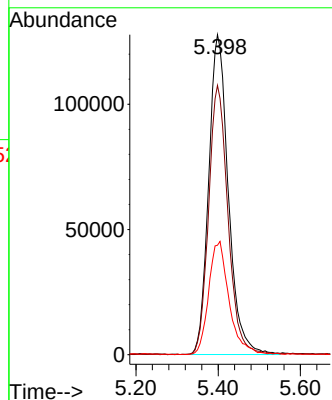
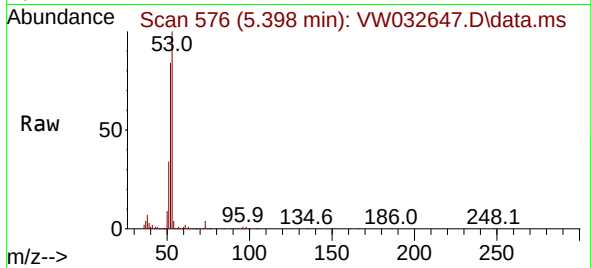




#15
Acrylonitrile
Concen: 274.601 ug/l
RT: 5.398 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

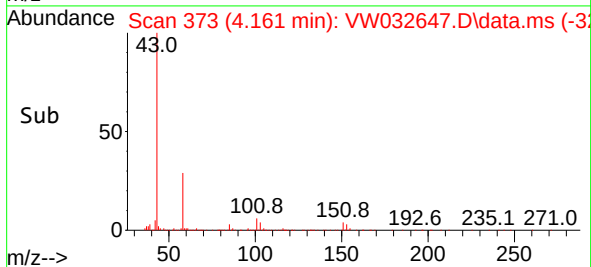
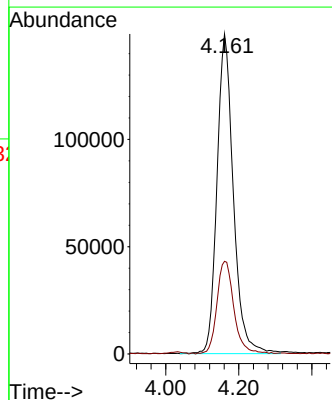
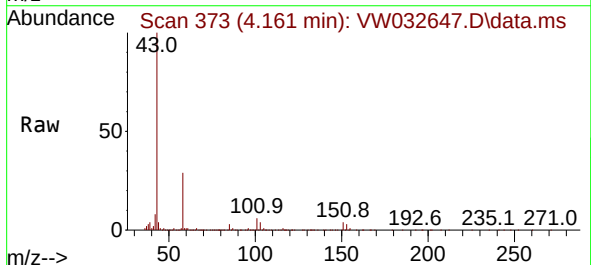
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

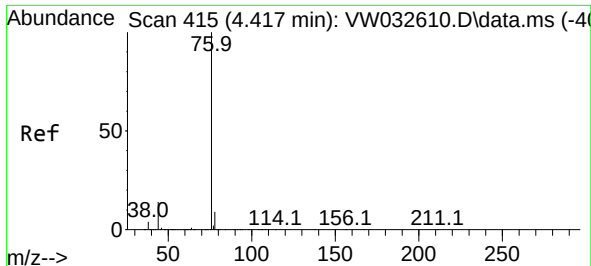
Tgt Ion: 53 Resp: 424319
Ion Ratio Lower Upper
53 100
52 82.9 66.7 100.1
51 36.7 29.8 44.6



#16
Acetone
Concen: 245.266 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.006 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

Tgt Ion: 43 Resp: 463676
Ion Ratio Lower Upper
43 100
58 28.7 23.9 35.9

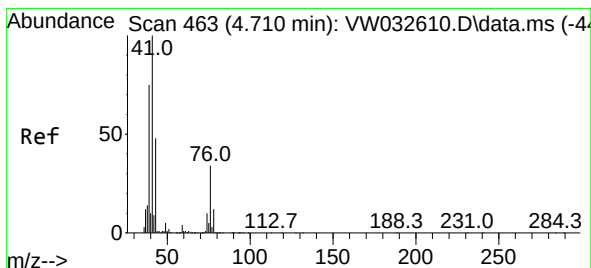
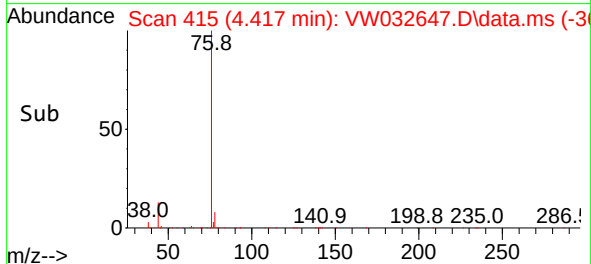
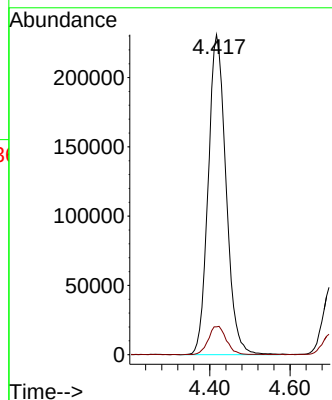
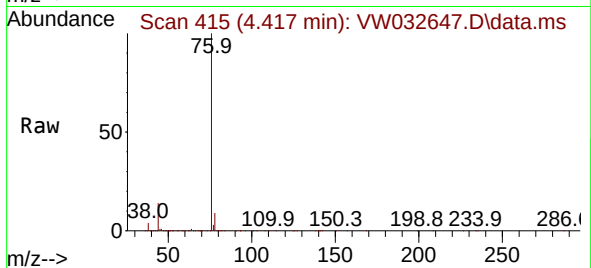




#17
Carbon Disulfide
Concen: 55.940 ug/l
RT: 4.417 min Scan# 415
Delta R.T. -0.000 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

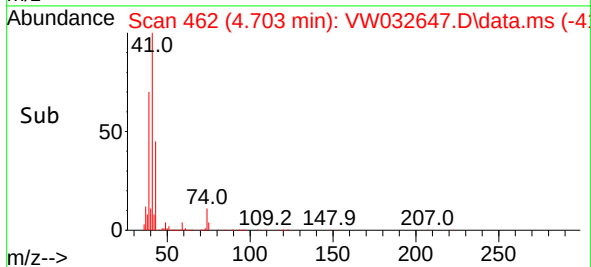
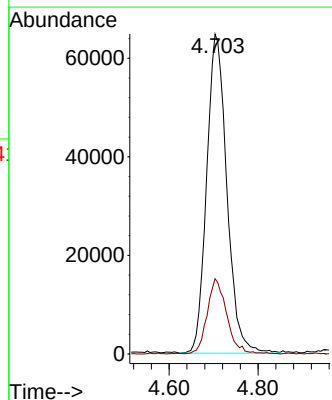
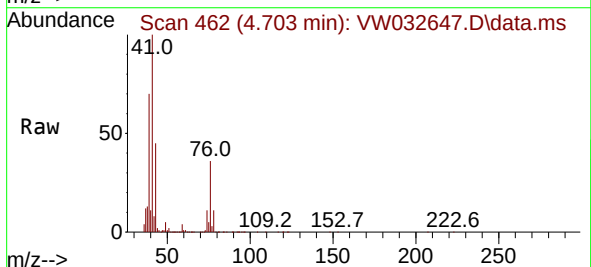
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

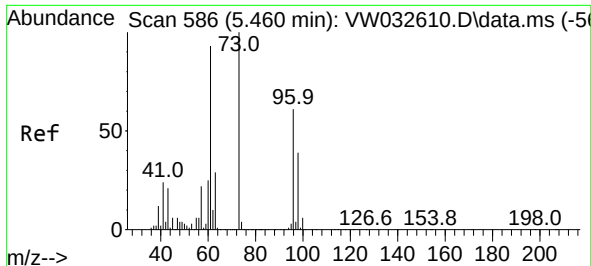
Tgt Ion: 76 Resp: 712195
Ion Ratio Lower Upper
76 100
78 8.7 6.8 10.2



#18
Methyl Acetate
Concen: 55.523 ug/l
RT: 4.703 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

Tgt Ion: 43 Resp: 204768
Ion Ratio Lower Upper
43 100
74 22.5 18.2 27.4

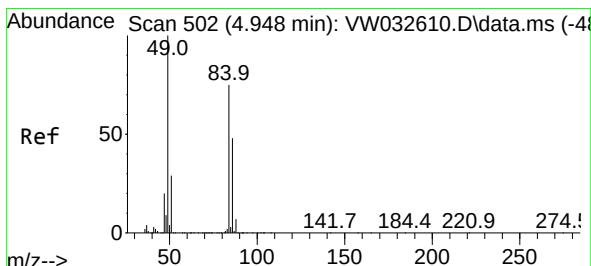
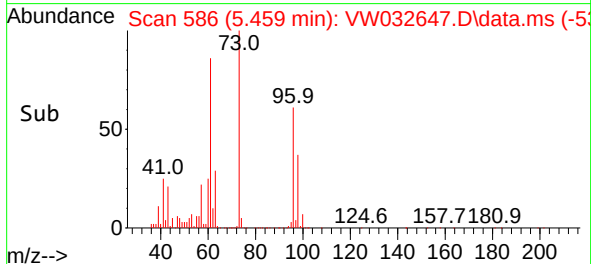
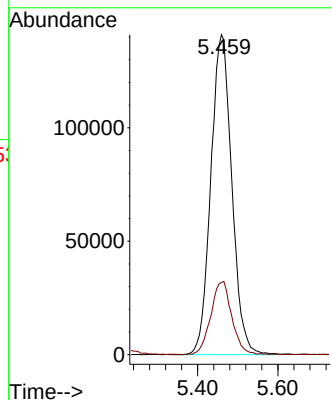
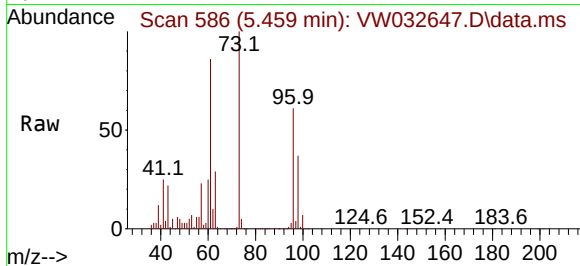




#19
Methyl tert-butyl Ether
Concen: 58.934 ug/l
RT: 5.459 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

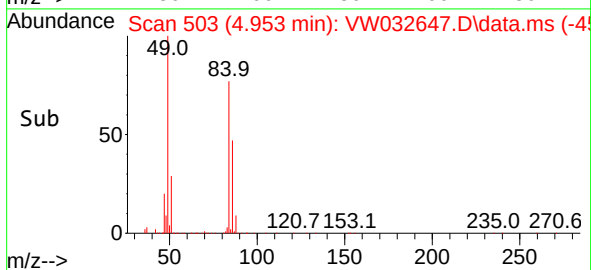
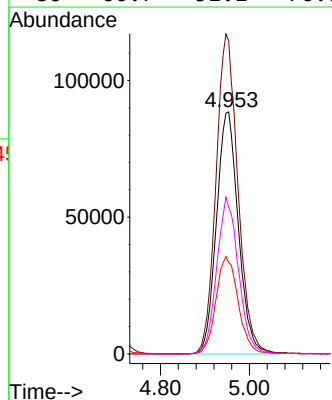
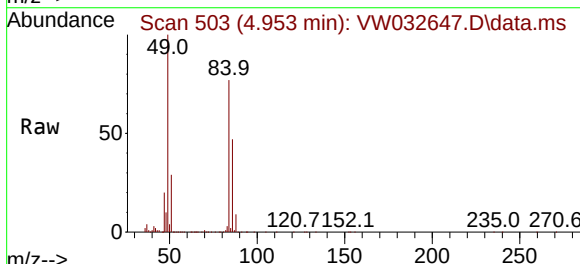
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

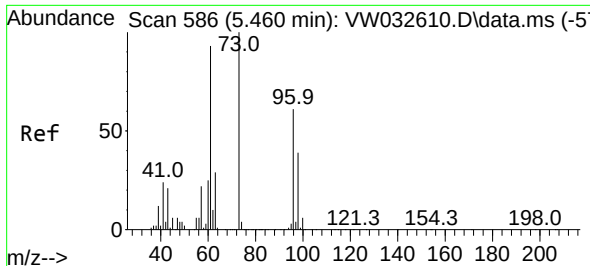
Tgt Ion: 73 Resp: 512579
Ion Ratio Lower Upper
73 100
57 22.5 17.3 25.9



#20
Methylene Chloride
Concen: 52.376 ug/l
RT: 4.953 min Scan# 503
Delta R.T. 0.006 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

Tgt Ion: 84 Resp: 302295
Ion Ratio Lower Upper
84 100
49 129.3 106.9 160.3
51 37.8 31.4 47.2
86 60.7 51.1 76.7

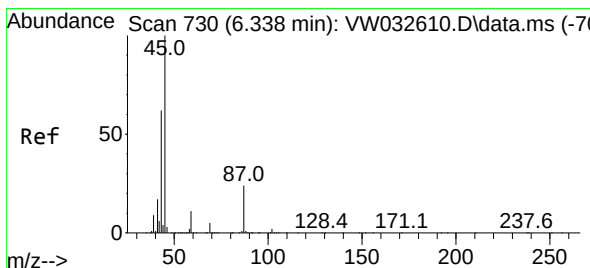
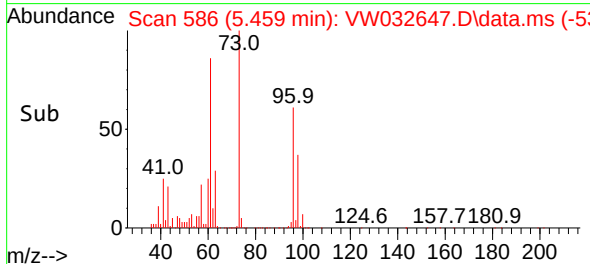
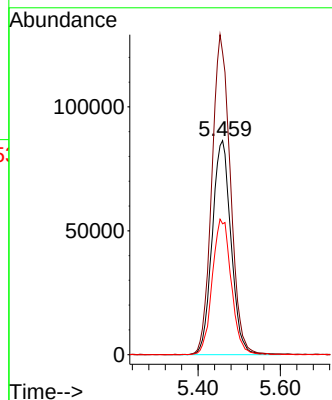
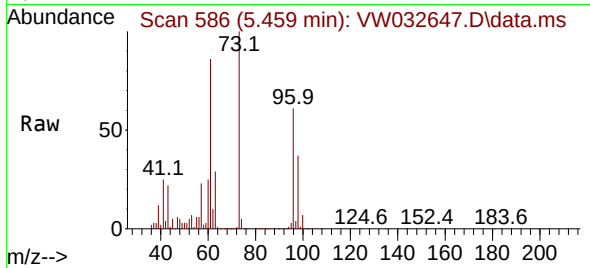




#21
trans-1,2-Dichloroethene
Concen: 57.403 ug/l
RT: 5.459 min Scan# 586
Delta R.T. -0.000 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

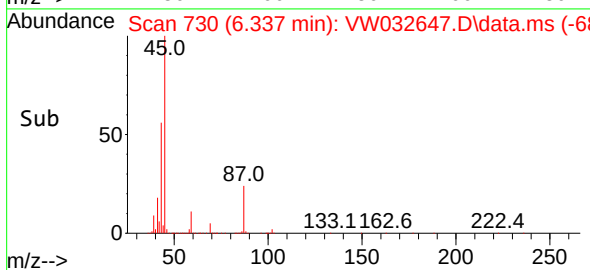
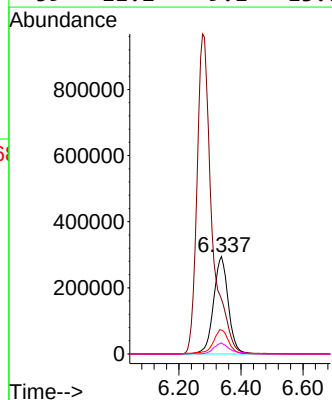
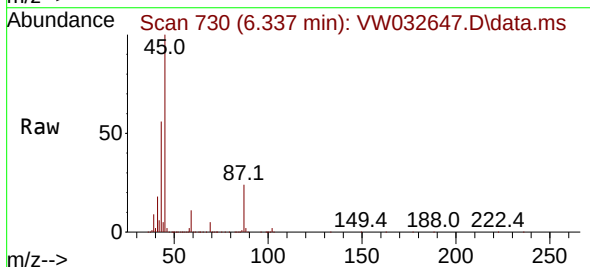
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

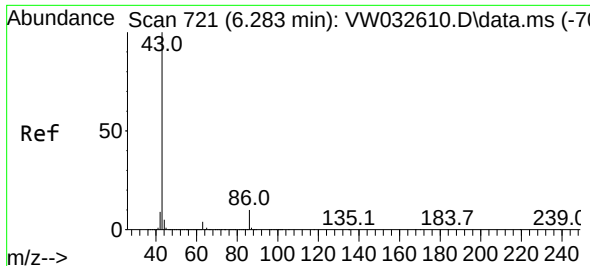
Tgt Ion: 96 Resp: 274643
Ion Ratio Lower Upper
96 100
61 141.1 121.7 182.5
98 61.1 50.6 76.0



#22
Diisopropyl ether
Concen: 58.816 ug/l
RT: 6.337 min Scan# 730
Delta R.T. -0.000 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

Tgt Ion: 45 Resp: 969846
Ion Ratio Lower Upper
45 100
43 56.0 49.1 73.7
87 24.5 19.7 29.5
59 11.2 9.1 13.7

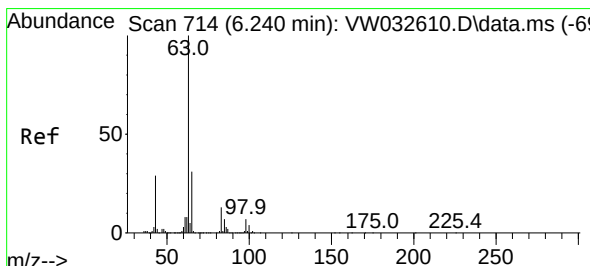
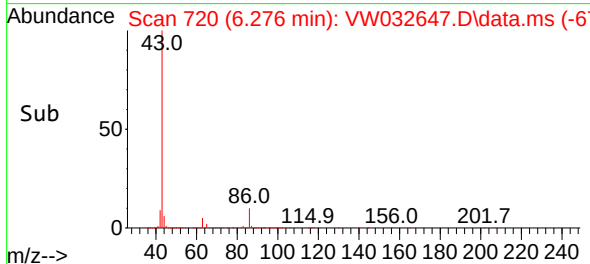
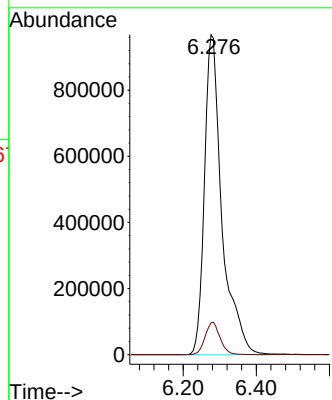
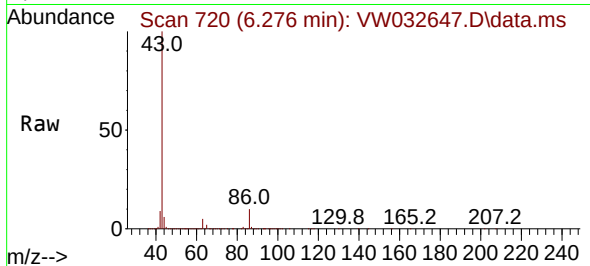




#23
 Vinyl Acetate
 Concen: 288.148 ug/l
 RT: 6.276 min Scan# 715
 Delta R.T. -0.006 min
 Lab File: VW032647.D
 Acq: 12 Dec 2025 14:35

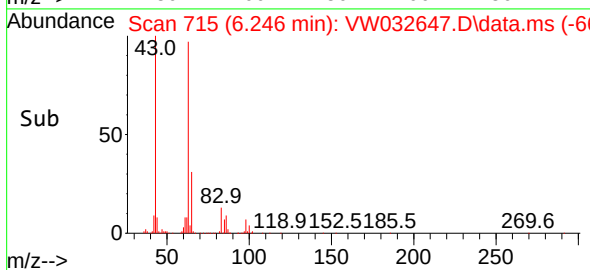
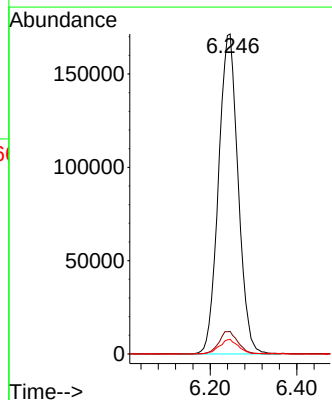
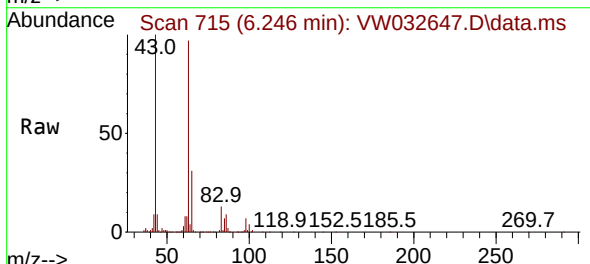
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

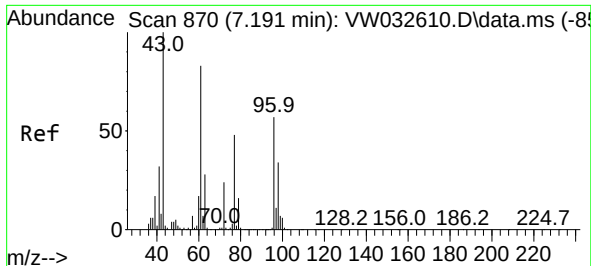
Tgt Ion: 43 Resp: 3212715
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 57.263 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.006 min
 Lab File: VW032647.D
 Acq: 12 Dec 2025 14:35

Tgt Ion: 63 Resp: 540001
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.4
 100 4.6 2.1 6.5

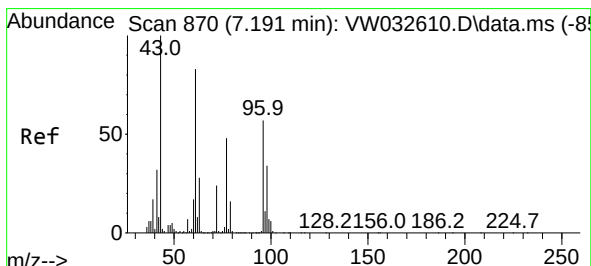
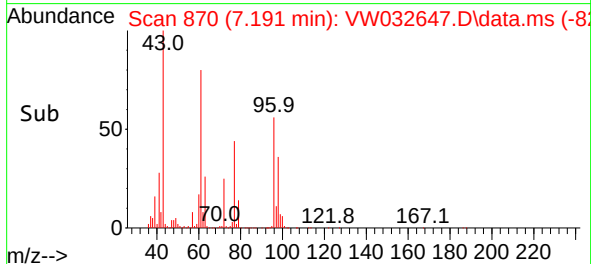
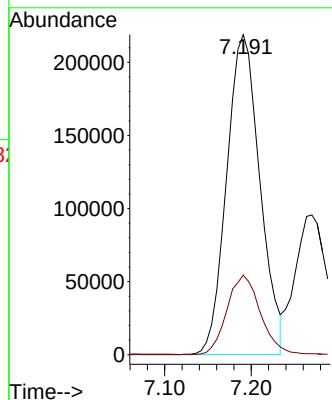
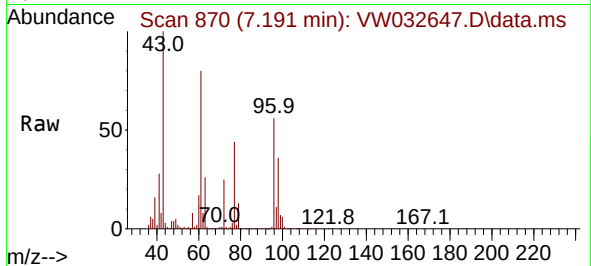




#25
2-Butanone
Concen: 263.040 ug/l
RT: 7.191 min Scan# 81
Delta R.T. -0.000 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

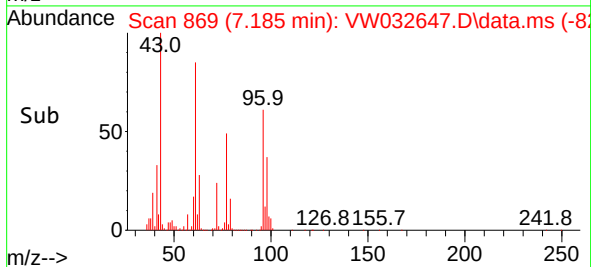
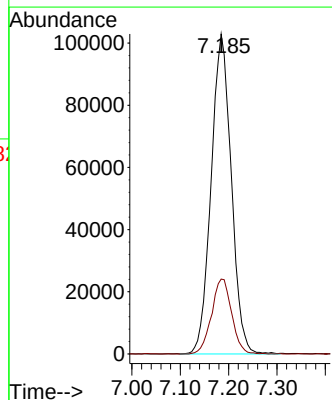
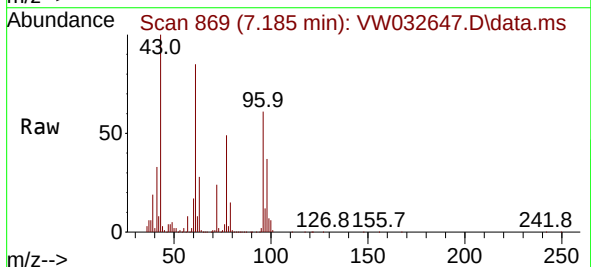
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

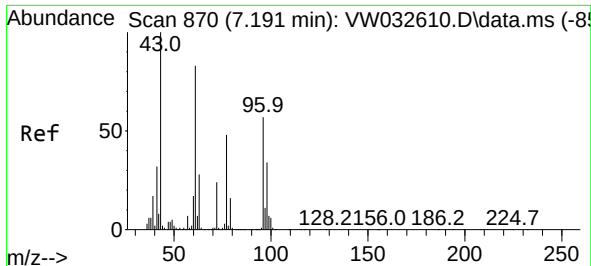
Tgt Ion: 43 Resp: 584309
Ion Ratio Lower Upper
43 100
72 24.9 19.4 29.0



#26
2,2-Dichloropropane
Concen: 56.236 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

Tgt Ion: 77 Resp: 297768
Ion Ratio Lower Upper
77 100
97 23.3 11.3 33.9

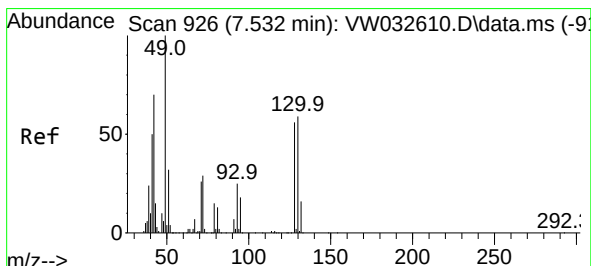
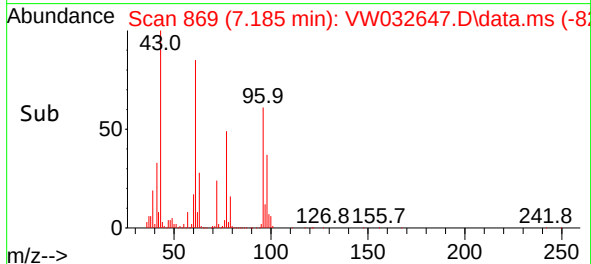
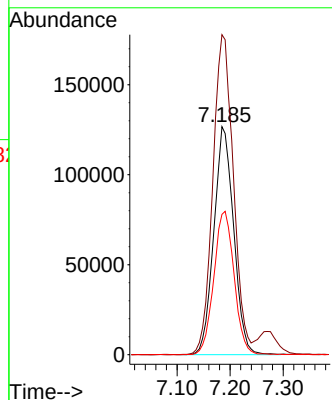
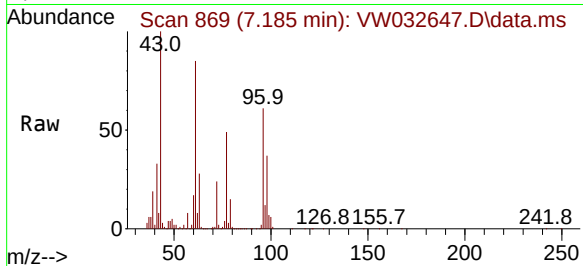




#27
 cis-1,2-Dichloroethene
 Concen: 58.965 ug/l
 RT: 7.185 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VW032647.D
 Acq: 12 Dec 2025 14:35

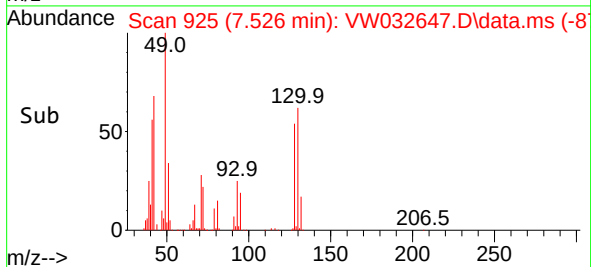
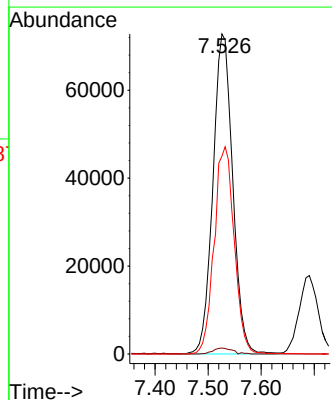
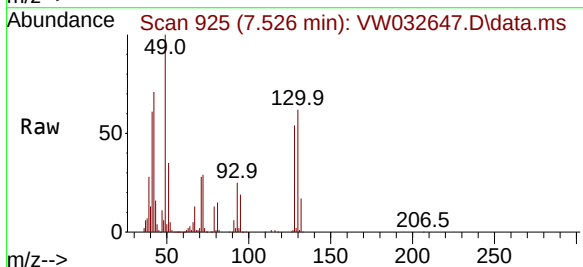
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

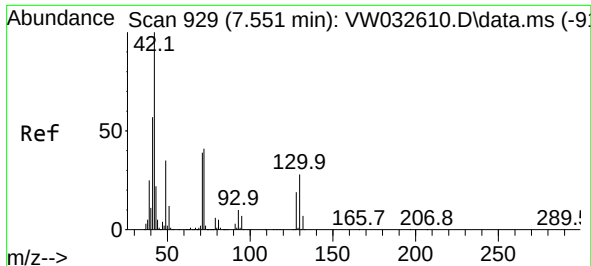
Tgt Ion: 96 Resp: 329394
 Ion Ratio Lower Upper
 96 100
 61 144.9 0.0 295.8
 98 64.3 0.0 127.2



#28
 Bromochloromethane
 Concen: 50.398 ug/l
 RT: 7.526 min Scan# 925
 Delta R.T. -0.006 min
 Lab File: VW032647.D
 Acq: 12 Dec 2025 14:35

Tgt Ion: 49 Resp: 188808
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.6
 130 65.6 53.3 79.9





#29

Tetrahydrofuran

Concen: 271.097 ug/l

RT: 7.550 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW032647.D

Acq: 12 Dec 2025 14:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

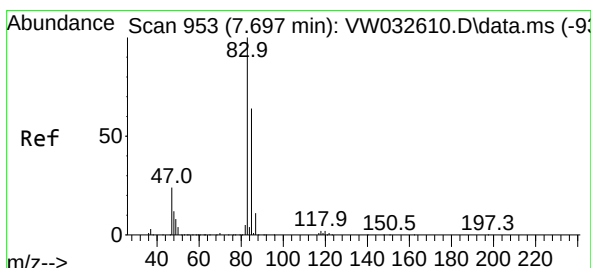
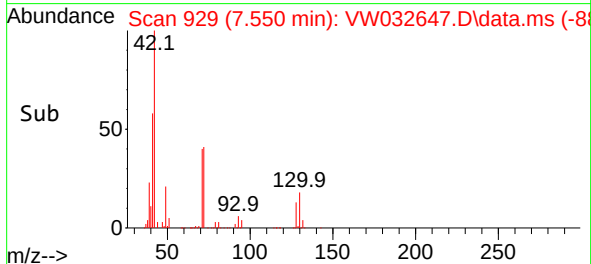
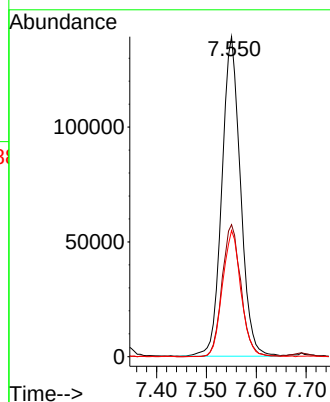
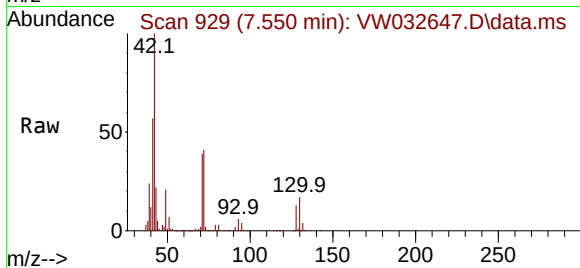
Tgt Ion: 42 Resp: 361535

Ion Ratio Lower Upper

42 100

72 41.9 33.2 49.8

71 39.4 30.7 46.1



#30

Chloroform

Concen: 57.316 ug/l

RT: 7.691 min Scan# 952

Delta R.T. -0.006 min

Lab File: VW032647.D

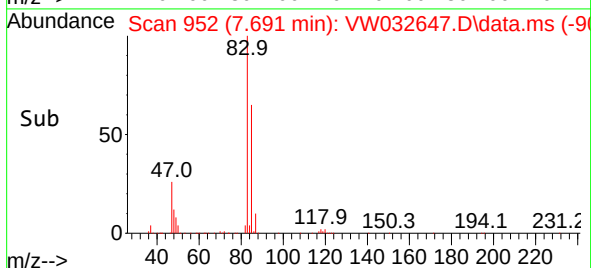
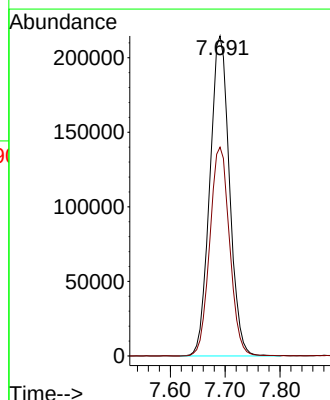
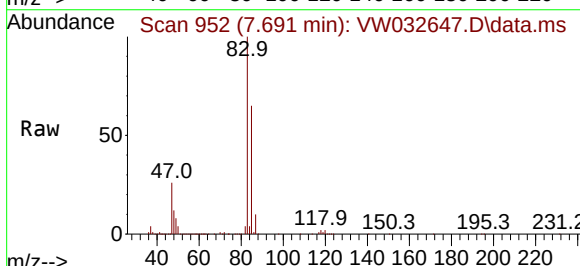
Acq: 12 Dec 2025 14:35

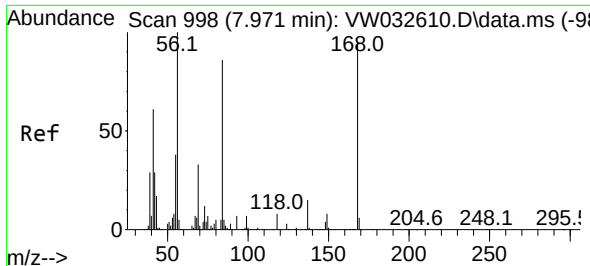
Tgt Ion: 83 Resp: 533155

Ion Ratio Lower Upper

83 100

85 65.2 51.4 77.2

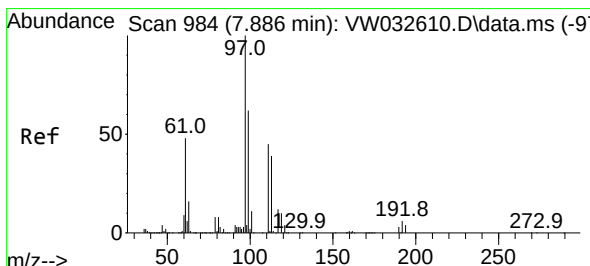
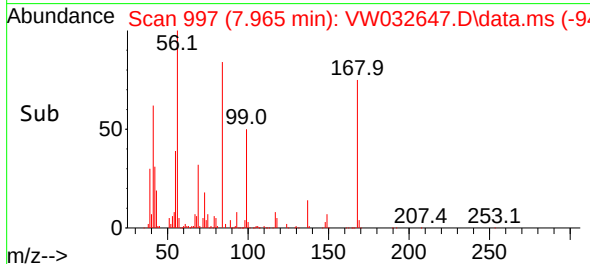
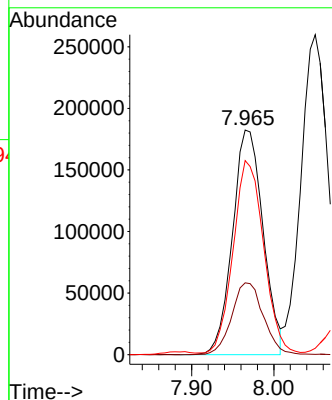
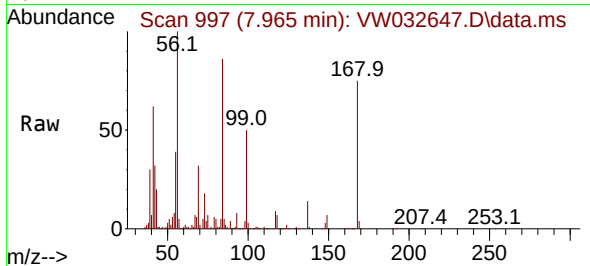




#31
Cyclohexane
Concen: 54.279 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

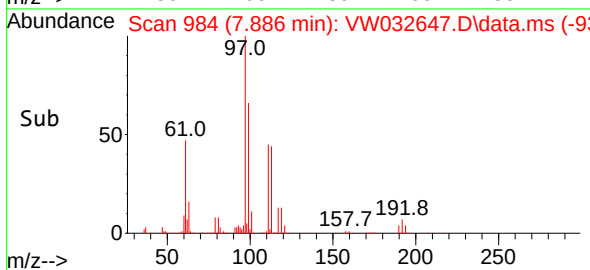
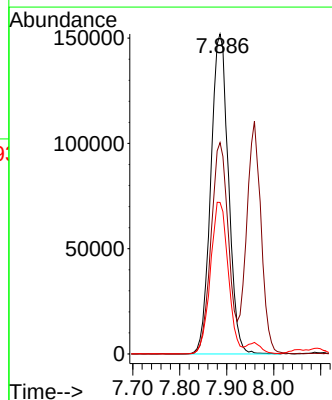
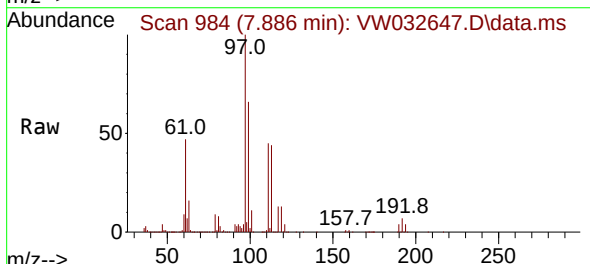
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

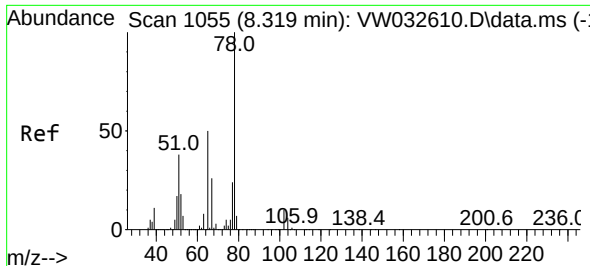
Tgt Ion: 56 Resp: 471788
Ion Ratio Lower Upper
56 100
69 32.0 26.2 39.2
84 85.2 68.9 103.3



#32
1,1,1-Trichloroethane
Concen: 57.796 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

Tgt Ion: 97 Resp: 395325
Ion Ratio Lower Upper
97 100
99 65.0 50.8 76.2
61 47.7 37.8 56.8

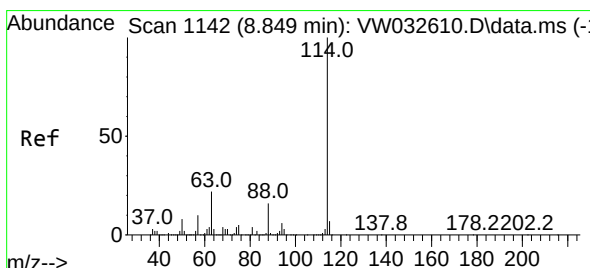
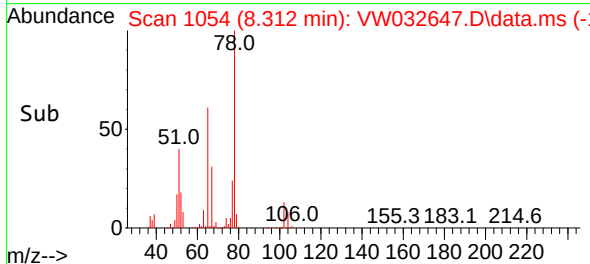
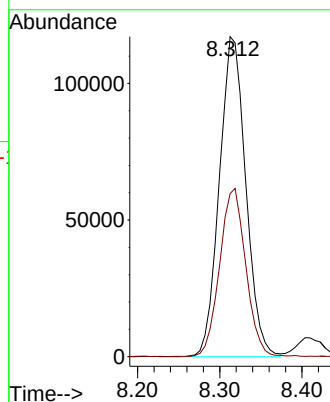
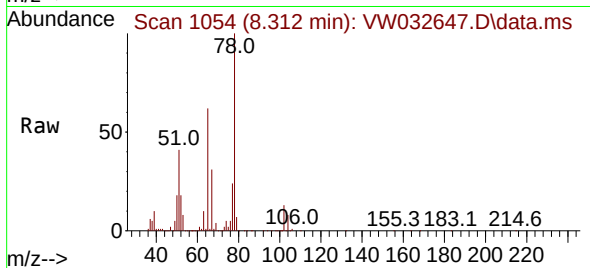




#33
 1,2-Dichloroethane-d4
 Concen: 46.388 ug/l
 RT: 8.312 min Scan# 1054
 Delta R.T. -0.006 min
 Lab File: VW032647.D
 Acq: 12 Dec 2025 14:35

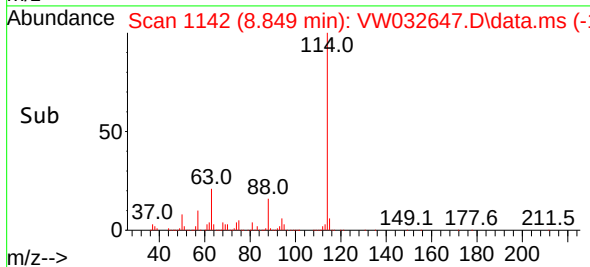
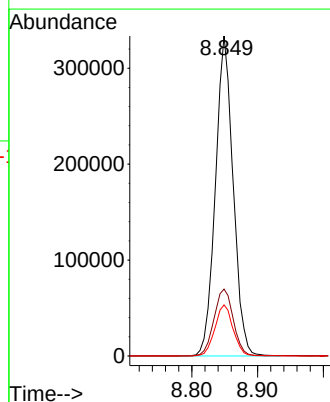
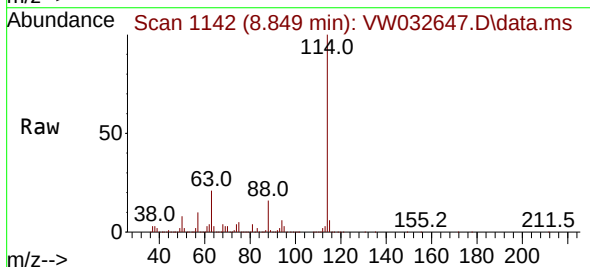
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

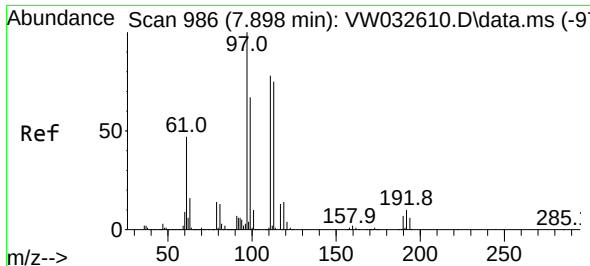
Tgt Ion: 65 Resp: 261700
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.000 min
 Lab File: VW032647.D
 Acq: 12 Dec 2025 14:35

Tgt Ion: 114 Resp: 626029
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 44.6
 88 15.9 0.0 31.8

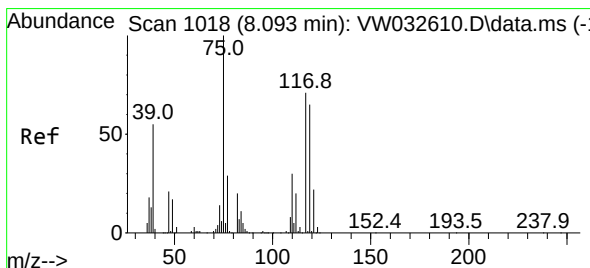
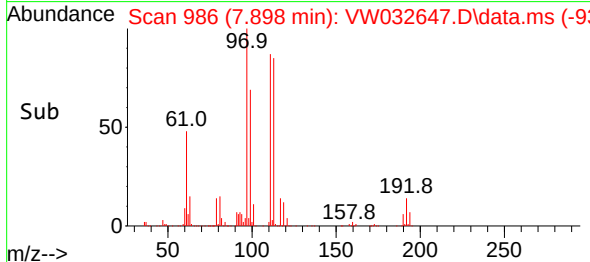
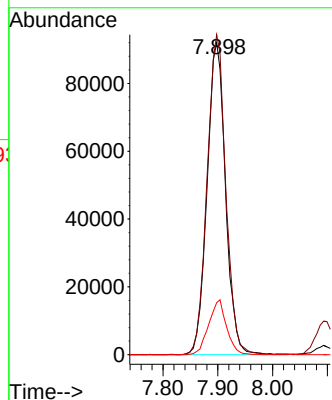
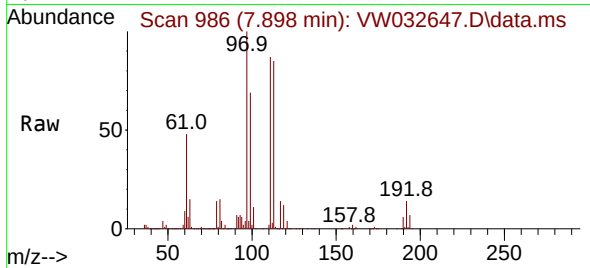




#35
Dibromofluoromethane
Concen: 48.213 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.000 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

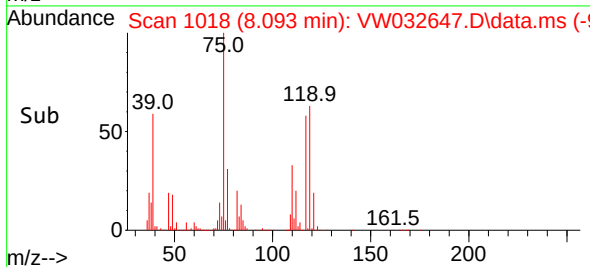
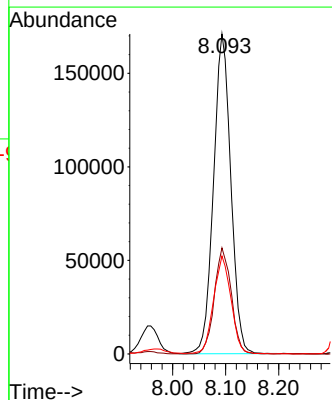
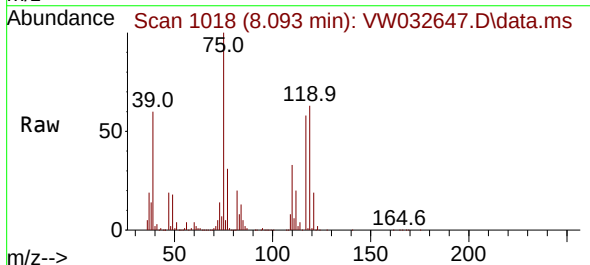
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

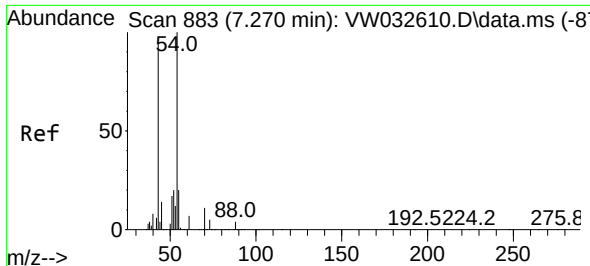
Tgt Ion:113 Resp: 214551
Ion Ratio Lower Upper
113 100
111 104.0 85.2 127.8
192 17.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 60.129 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

Tgt Ion: 75 Resp: 387545
Ion Ratio Lower Upper
75 100
110 32.5 16.3 48.9
77 30.8 24.6 37.0

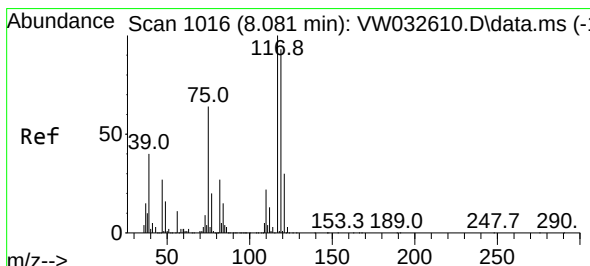
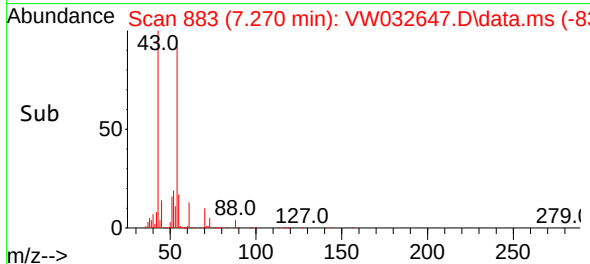
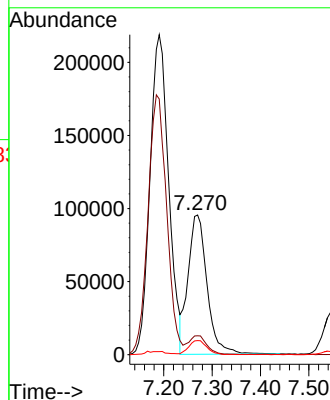
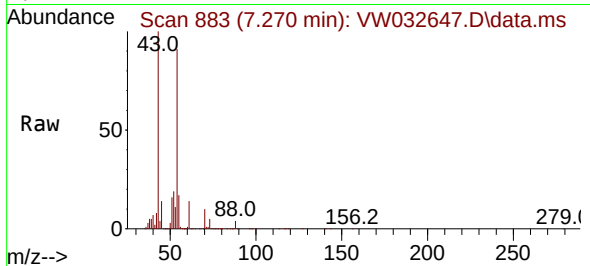




#37
Ethyl Acetate
Concen: 59.041 ug/l
RT: 7.270 min Scan# 883
Delta R.T. -0.000 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

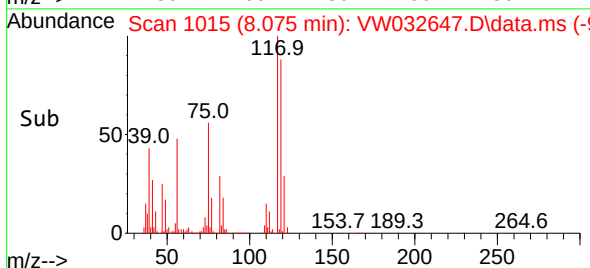
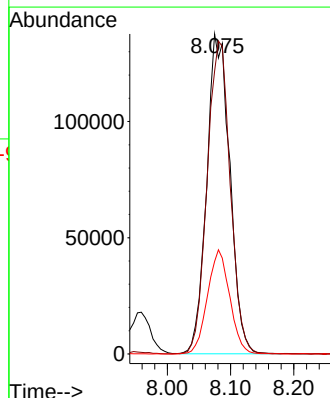
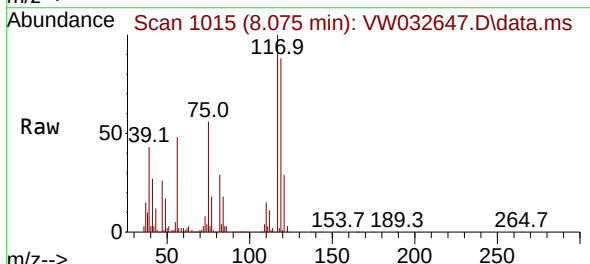
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

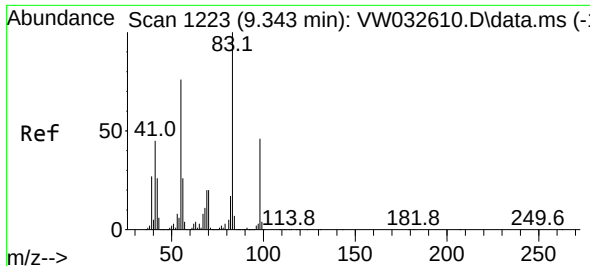
Tgt Ion: 43 Resp: 260659
Ion Ratio Lower Upper
43 100
61 12.1 10.3 15.5
70 9.4 7.7 11.5



#38
Carbon Tetrachloride
Concen: 58.606 ug/l
RT: 8.075 min Scan# 1015
Delta R.T. -0.006 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

Tgt Ion: 117 Resp: 349382
Ion Ratio Lower Upper
117 100
119 88.3 74.3 111.5
121 28.9 23.6 35.4

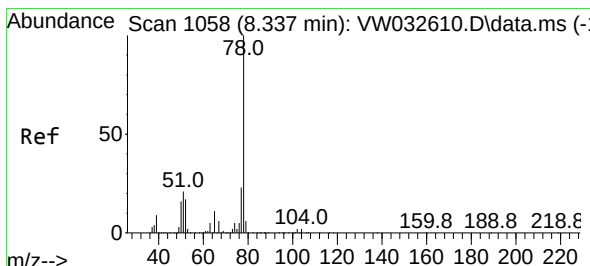
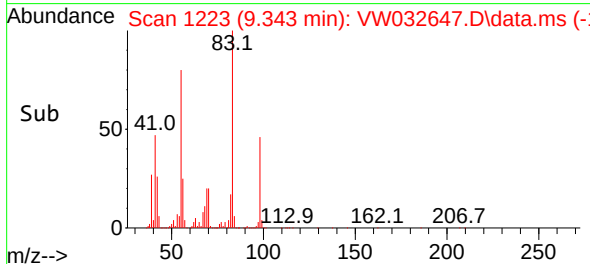
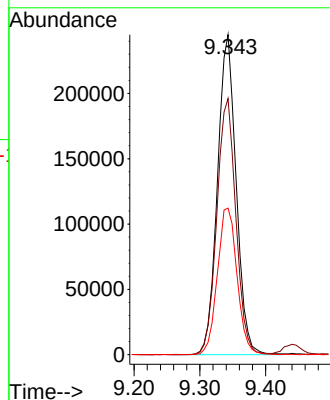
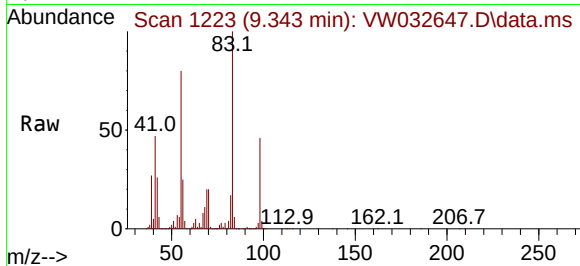




#39
Methylcyclohexane
Concen: 59.749 ug/l
RT: 9.343 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

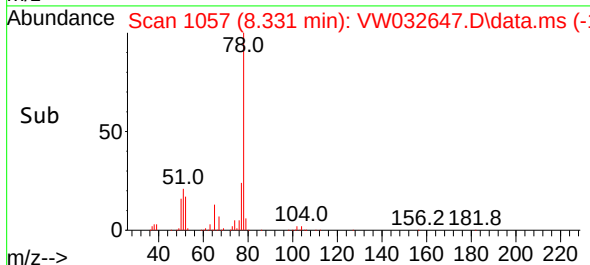
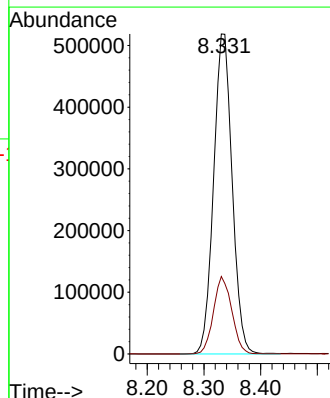
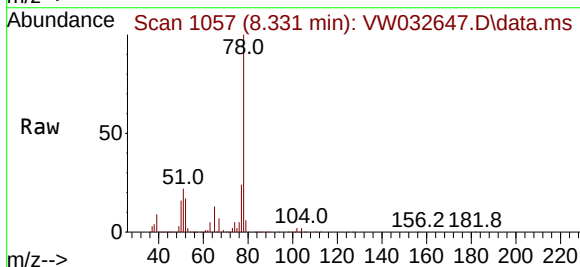
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ClientSampleId :
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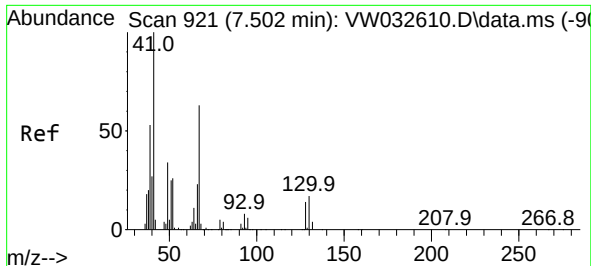
Tgt Ion: 83 Resp: 484295
Ion Ratio Lower Upper
83 100
55 80.0 61.2 91.8
98 45.8 37.0 55.4



#40
Benzene
Concen: 60.156 ug/l
RT: 8.331 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

Tgt Ion: 78 Resp: 1176213
Ion Ratio Lower Upper
78 100
77 24.2 18.6 28.0

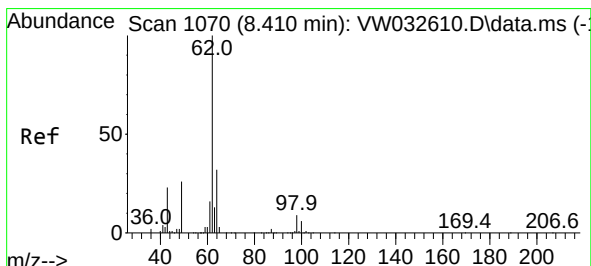
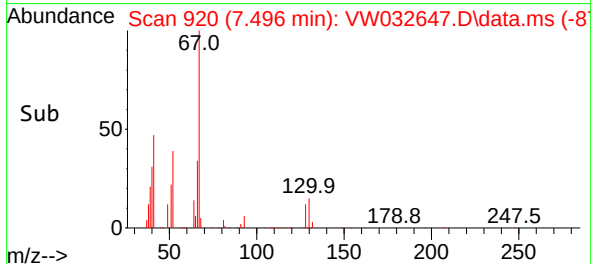
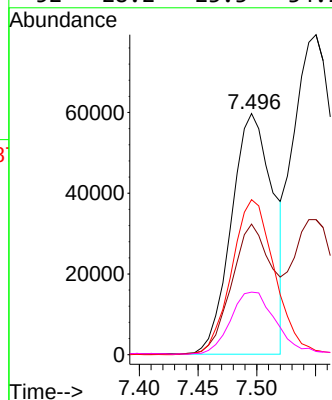
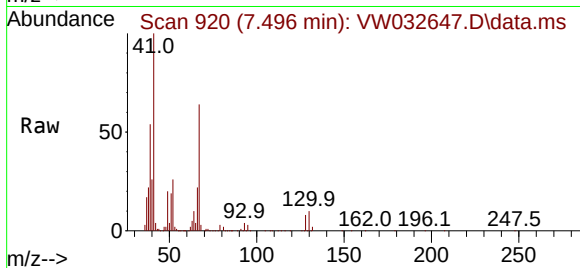




#41
Methacrylonitrile
Concen: 62.749 ug/l
RT: 7.496 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

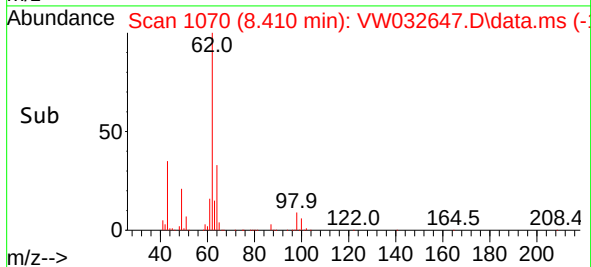
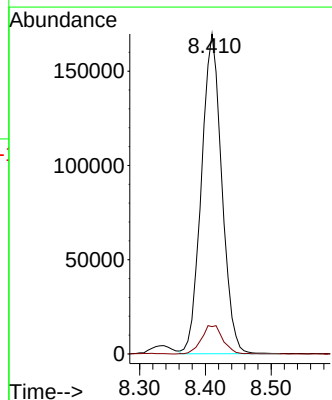
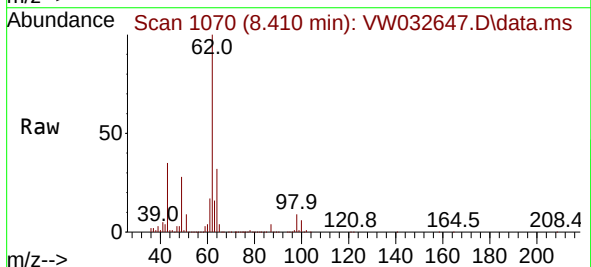
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

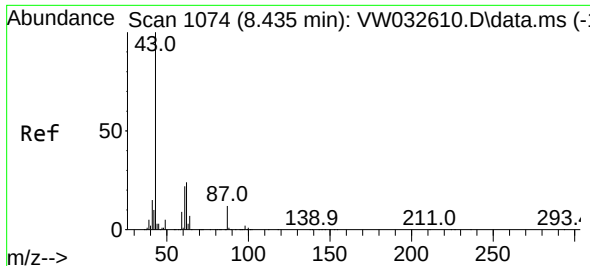
Tgt Ion:	41	Resp:	148068
Ion	Ratio	Lower	Upper
41	100		
39	52.7	47.3	70.9
67	66.9	55.9	83.9
52	28.2	23.3	34.9



#42
1,2-Dichloroethane
Concen: 58.629 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

Tgt Ion:	62	Resp:	364994
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.8

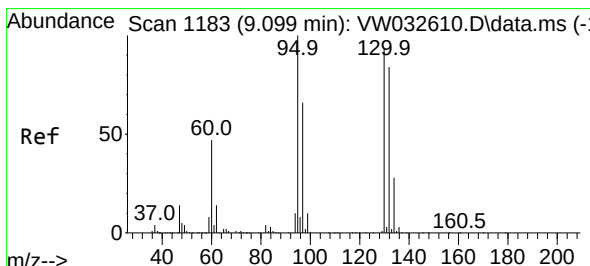
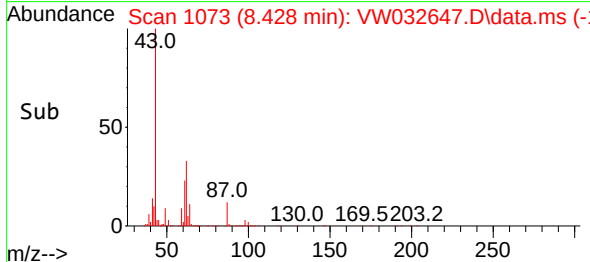
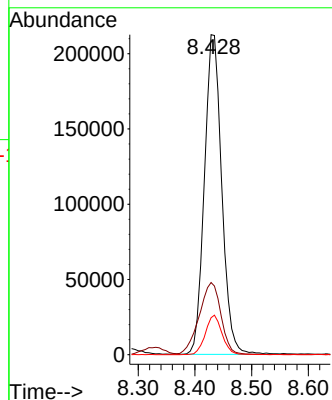
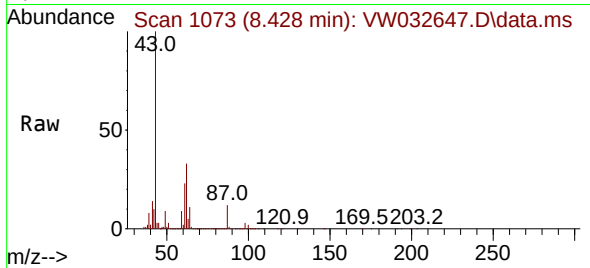




#43
Isopropyl Acetate
Concen: 57.651 ug/l
RT: 8.428 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

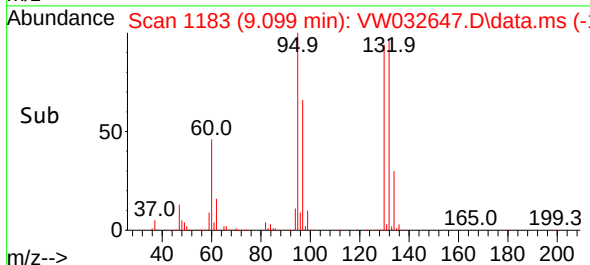
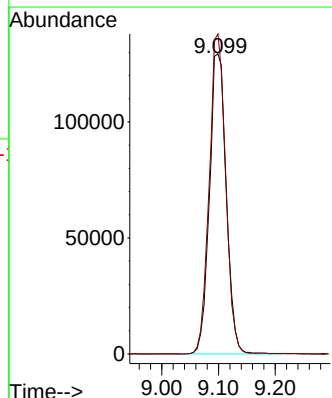
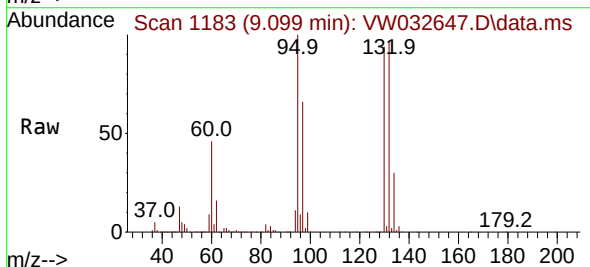
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ClientSampleId :
VSTDCCC050EC

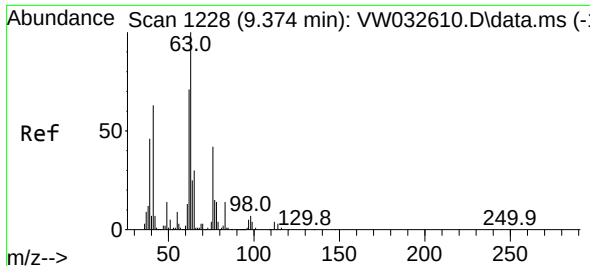
Tgt Ion: 43 Resp: 451373
Ion Ratio Lower Upper
43 100
61 28.3 22.7 34.1
87 12.0 9.6 14.4



#44
Trichloroethene
Concen: 59.579 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

Tgt Ion:130 Resp: 265994
Ion Ratio Lower Upper
130 100
95 106.6 0.0 215.6

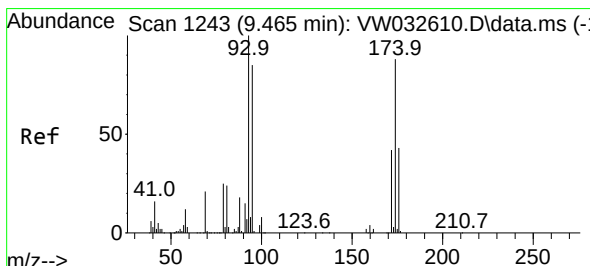
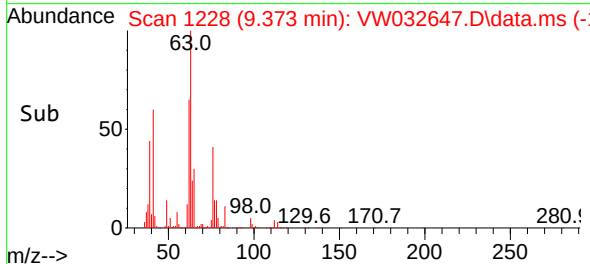
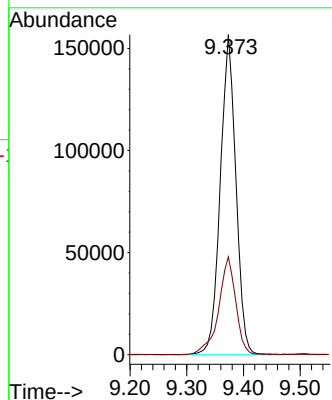
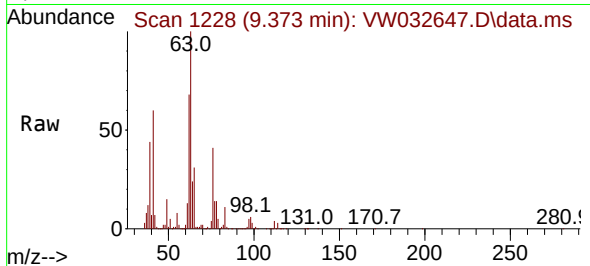




#45
1,2-Dichloropropane
Concen: 60.422 ug/l
RT: 9.373 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

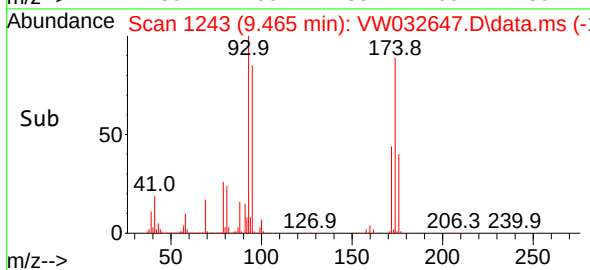
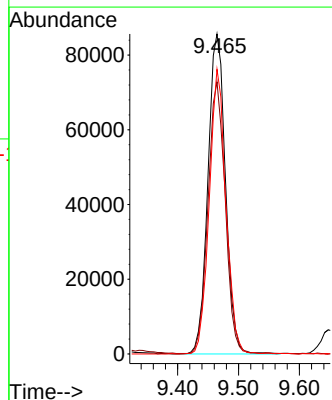
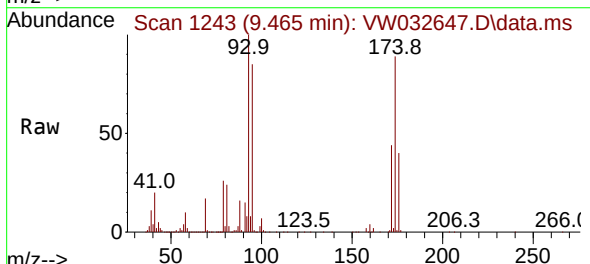
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

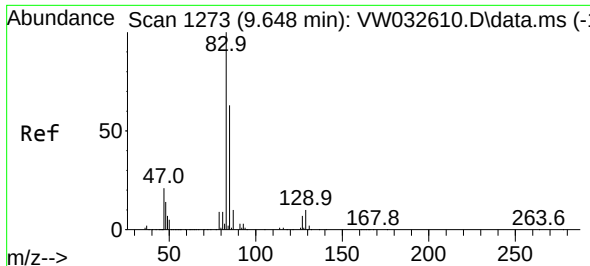
Tgt Ion: 63 Resp: 298940
Ion Ratio Lower Upper
63 100
65 30.5 23.8 35.6



#46
Dibromomethane
Concen: 59.185 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

Tgt Ion: 93 Resp: 171562
Ion Ratio Lower Upper
93 100
95 83.2 67.0 100.4
174 84.6 67.6 101.4

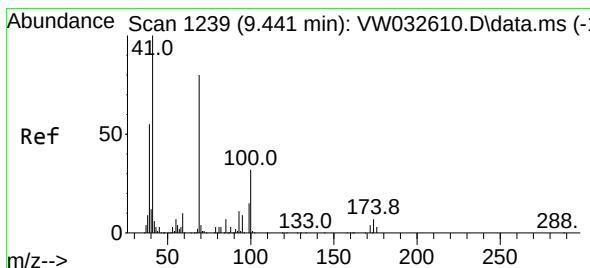
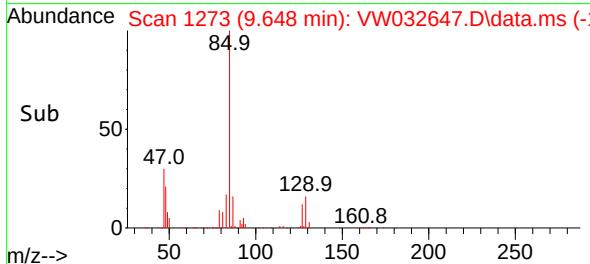
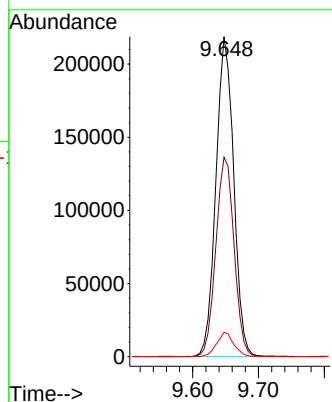
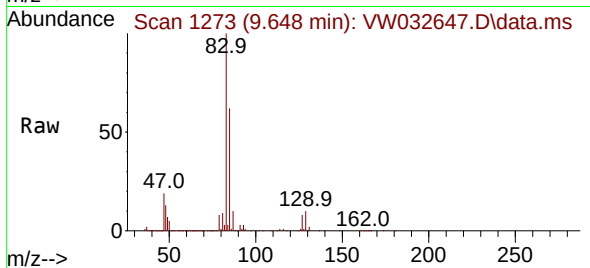




#47
Bromodichloromethane
Concen: 60.933 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

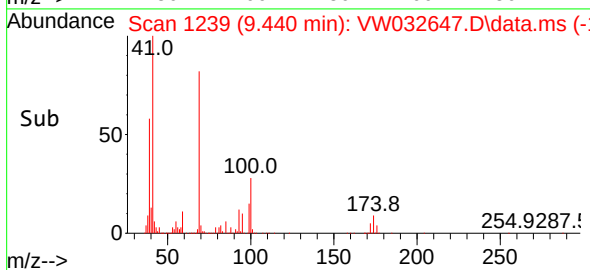
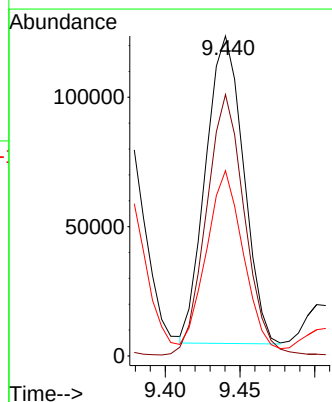
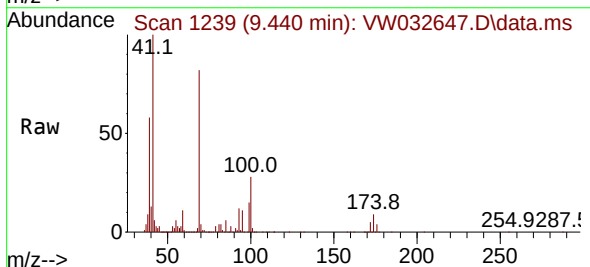
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

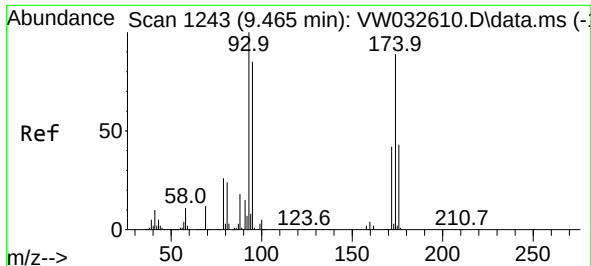
Tgt Ion: 83 Resp: 410866
Ion Ratio Lower Upper
83 100
85 62.3 50.7 76.1
127 7.7 6.0 9.0



#48
Methyl methacrylate
Concen: 56.535 ug/l
RT: 9.440 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

Tgt Ion: 41 Resp: 208926
Ion Ratio Lower Upper
41 100
69 86.3 67.9 101.9
39 55.4 43.8 65.8

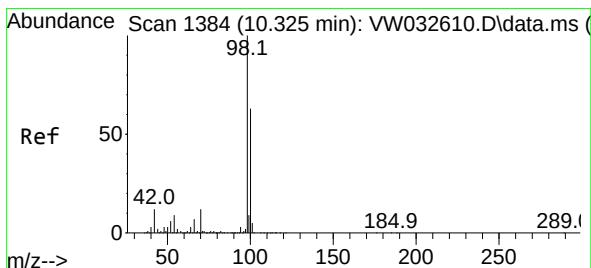
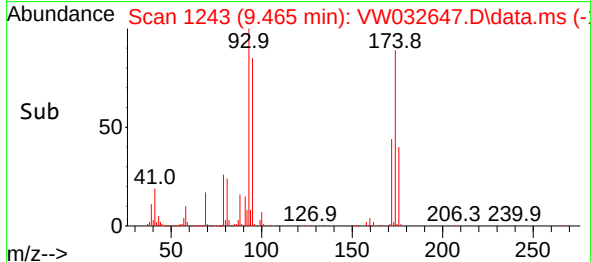
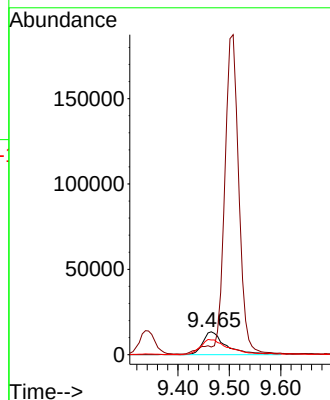
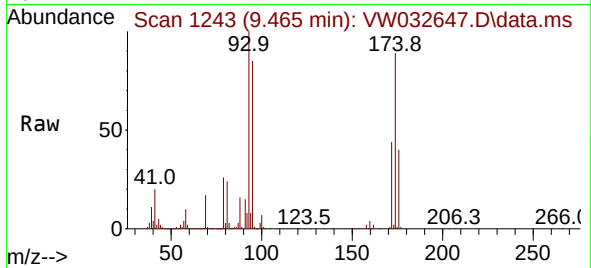




#49
1,4-Dioxane
Concen: 1084.542 ug/l
RT: 9.465 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

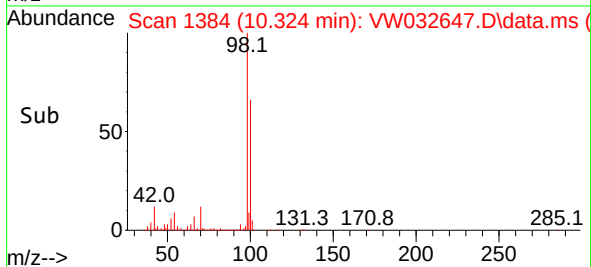
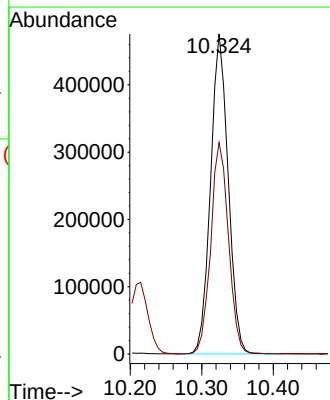
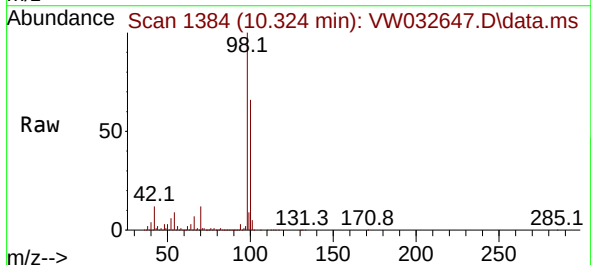
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

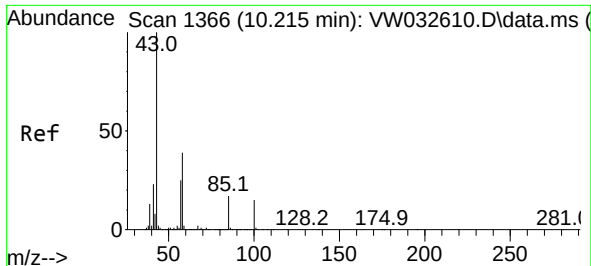
Tgt Ion:	88	Resp:	42175
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	82.6	63.8	95.8



#50
Toluene-d8
Concen: 50.630 ug/l
RT: 10.324 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

Tgt Ion:	98	Resp:	813435
Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.2	78.2

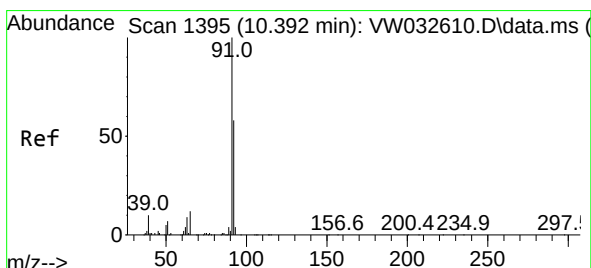
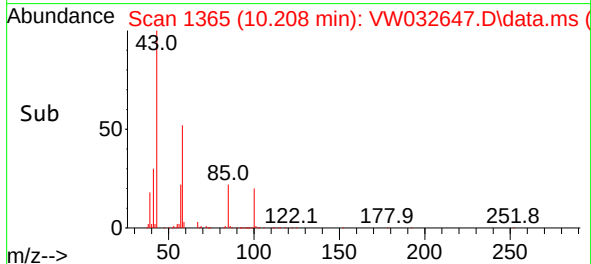
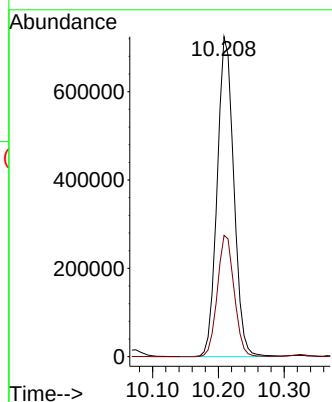
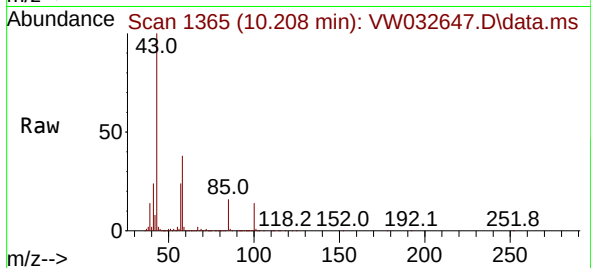




#51
4-Methyl-2-Pentanone
Concen: 291.914 ug/l
RT: 10.208 min Scan# 1365
Delta R.T. -0.006 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

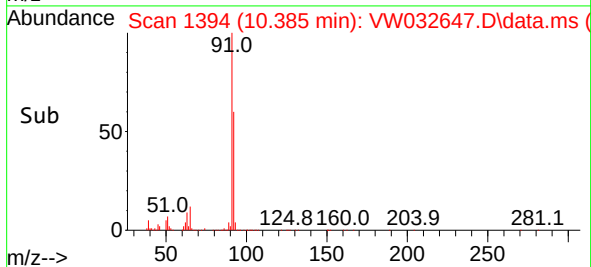
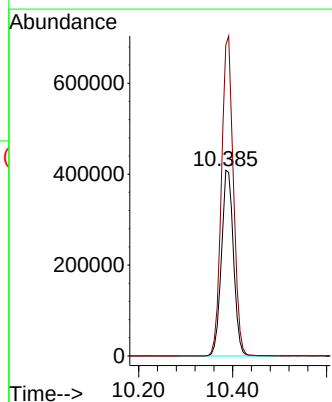
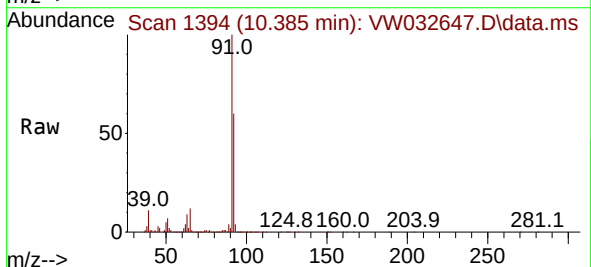
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

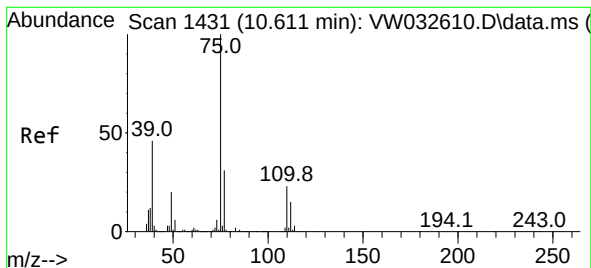
Tgt Ion: 43 Resp: 1274262
Ion Ratio Lower Upper
43 100
58 38.4 30.6 45.8



#52
Toluene
Concen: 60.660 ug/l
RT: 10.385 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

Tgt Ion: 92 Resp: 729738
Ion Ratio Lower Upper
92 100
91 170.7 137.6 206.4

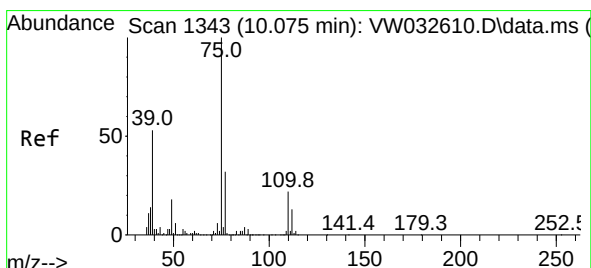
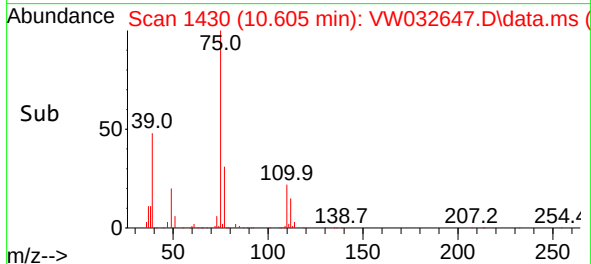
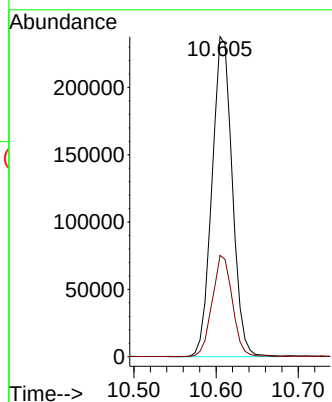
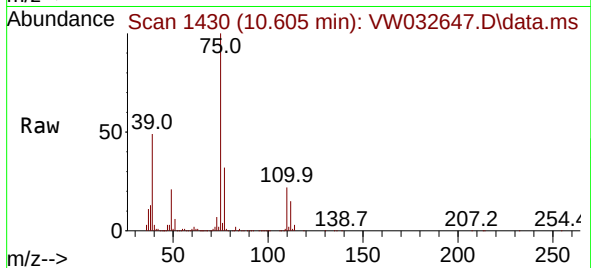




#53
 t-1,3-Dichloropropene
 Concen: 61.425 ug/l
 RT: 10.605 min Scan# 1430
 Delta R.T. -0.006 min
 Lab File: VW032647.D
 Acq: 12 Dec 2025 14:35

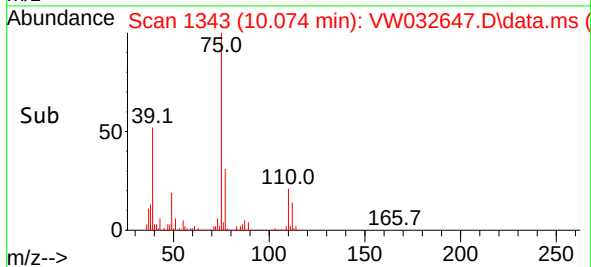
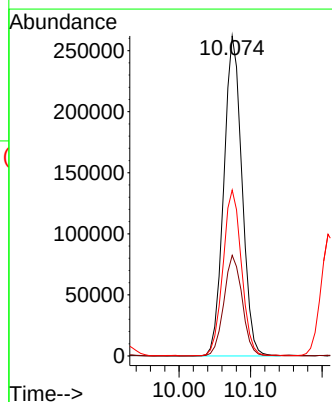
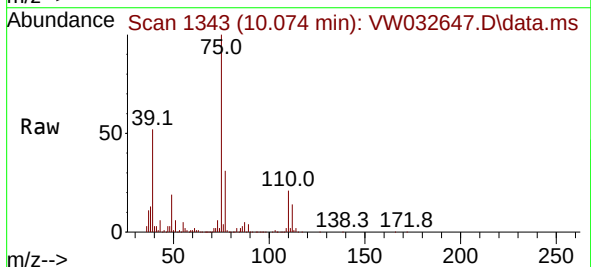
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

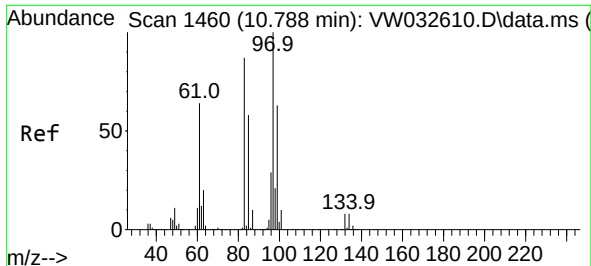
Tgt Ion: 75 Resp: 408377
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 60.286 ug/l
 RT: 10.074 min Scan# 1343
 Delta R.T. -0.000 min
 Lab File: VW032647.D
 Acq: 12 Dec 2025 14:35

Tgt Ion: 75 Resp: 462186
 Ion Ratio Lower Upper
 75 100
 77 31.4 26.0 39.0
 39 51.8 42.5 63.7





#55

1,1,2-Trichloroethane

Concen: 60.000 ug/l

RT: 10.788 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VW032647.D

Acq: 12 Dec 2025 14:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 233360

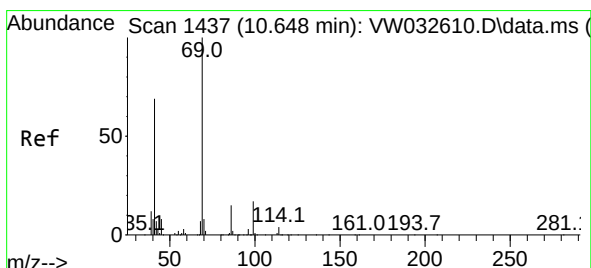
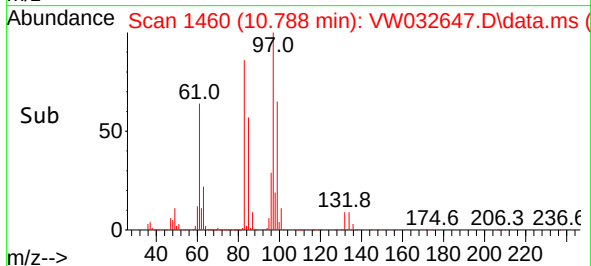
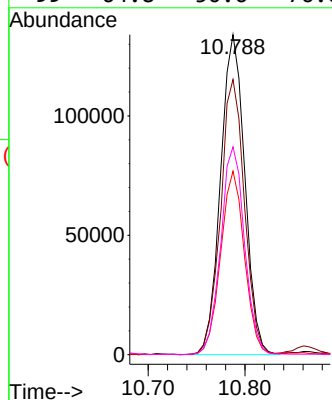
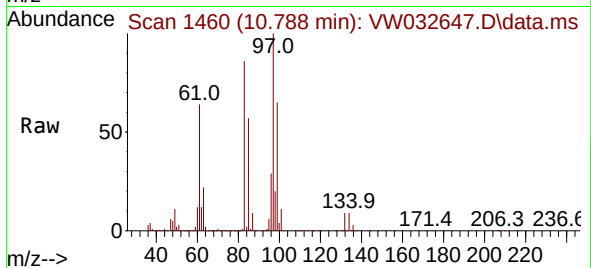
Ion Ratio Lower Upper

97 100

83 85.9 69.3 103.9

85 57.3 46.1 69.1

99 64.8 50.6 76.0



#56

Ethyl methacrylate

Concen: 59.698 ug/l

RT: 10.647 min Scan# 1437

Delta R.T. -0.000 min

Lab File: VW032647.D

Acq: 12 Dec 2025 14:35

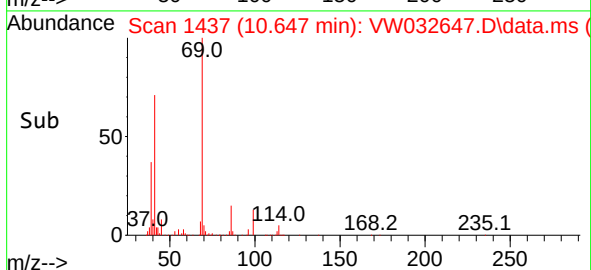
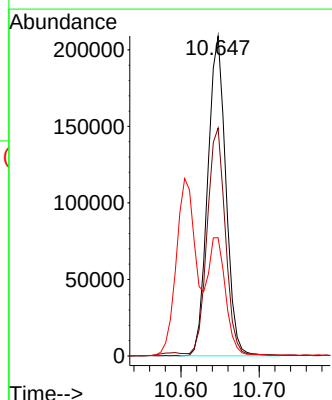
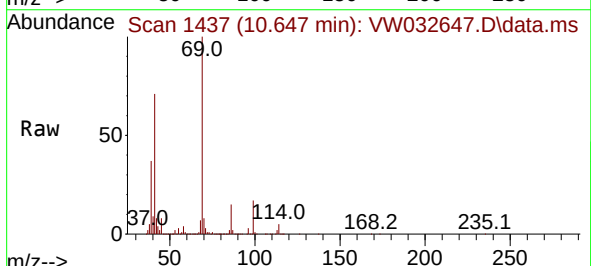
Tgt Ion: 69 Resp: 335204

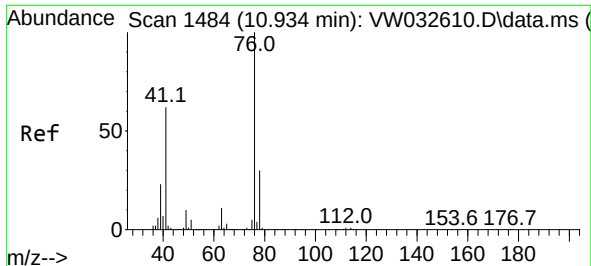
Ion Ratio Lower Upper

69 100

41 71.7 57.0 85.6

39 34.4 27.2 40.8





#57

1,3-Dichloropropane

Concen: 59.058 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032647.D

Acq: 12 Dec 2025 14:35

Instrument :

MSVOA_W

ClientSampleId :

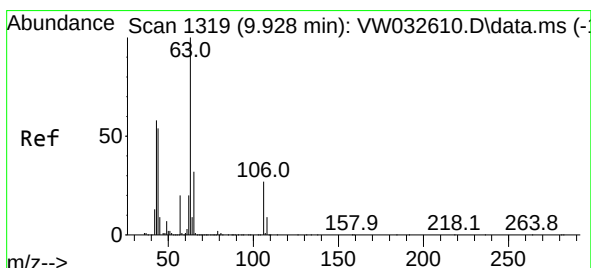
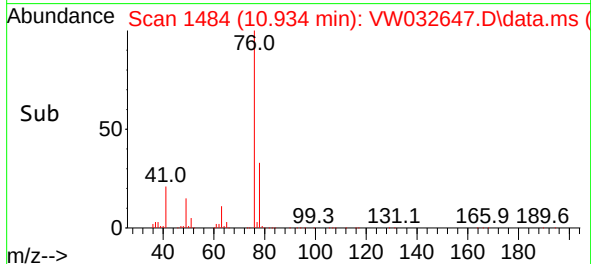
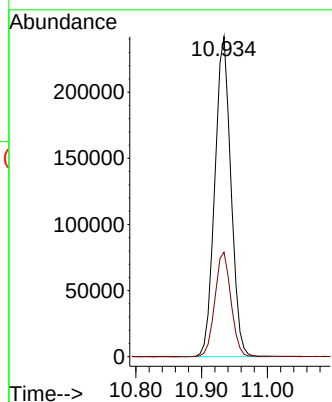
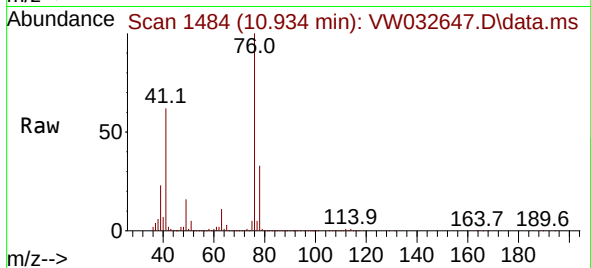
VSTDCCC050EC

Tgt Ion: 76 Resp: 412565

Ion Ratio Lower Upper

76 100

78 32.5 25.2 37.8



#58

2-Chloroethyl Vinyl ether

Concen: 352.141 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032647.D

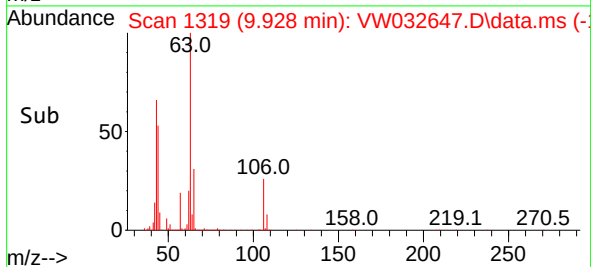
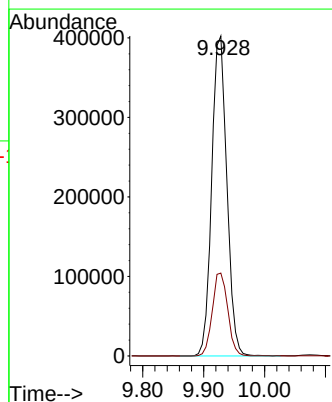
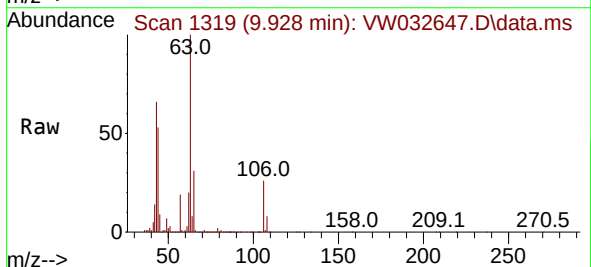
Acq: 12 Dec 2025 14:35

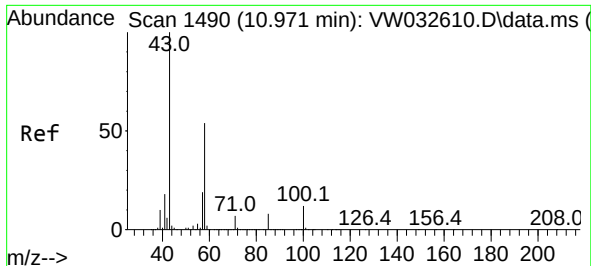
Tgt Ion: 63 Resp: 693306

Ion Ratio Lower Upper

63 100

106 26.5 21.3 31.9

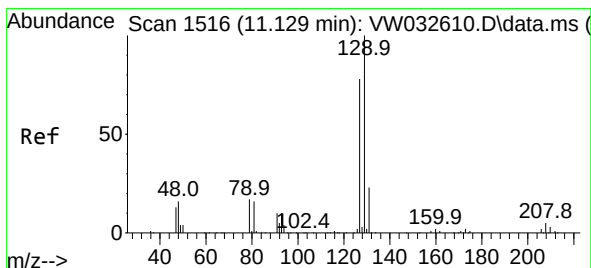
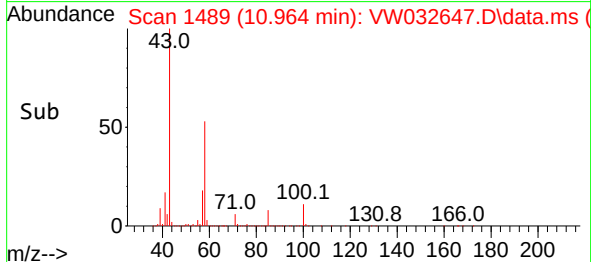
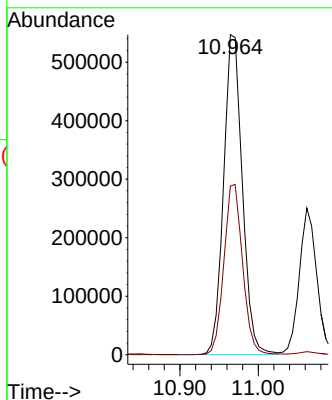
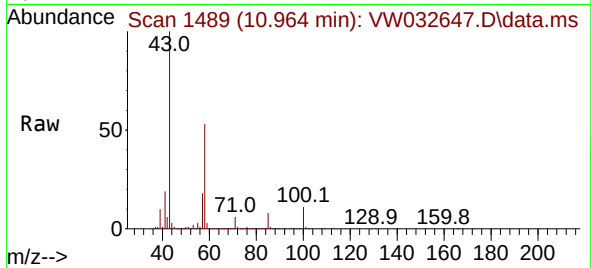




#59
2-Hexanone
Concen: 288.138 ug/l
RT: 10.964 min Scan# 1490
Delta R.T. -0.006 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

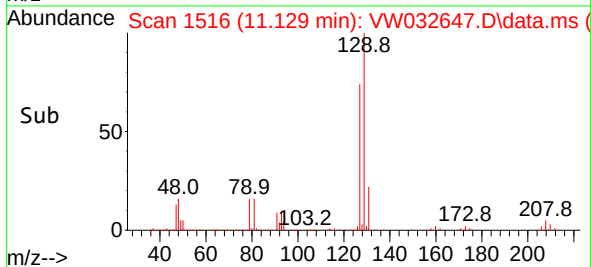
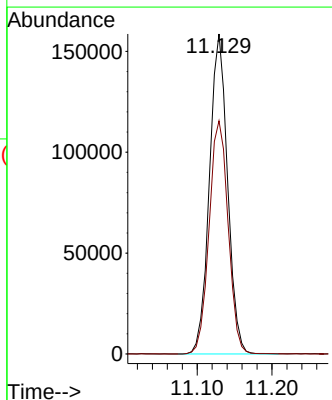
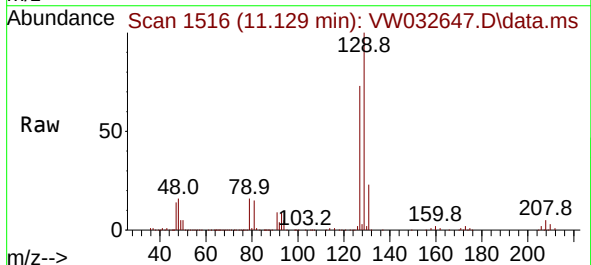
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

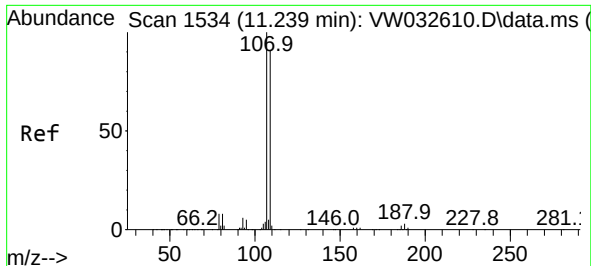
Tgt Ion: 43 Resp: 910960
Ion Ratio Lower Upper
43 100
58 53.2 26.3 78.9



#60
Dibromochloromethane
Concen: 61.812 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

Tgt Ion: 129 Resp: 267777
Ion Ratio Lower Upper
129 100
127 76.3 37.2 111.6

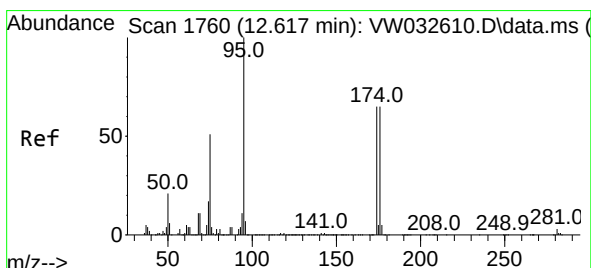
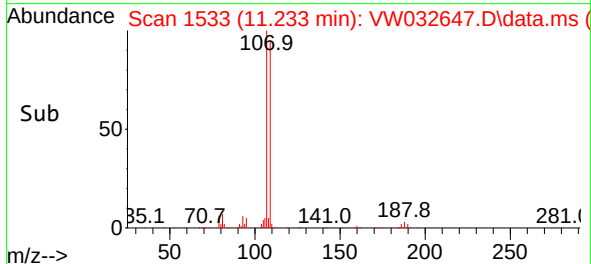
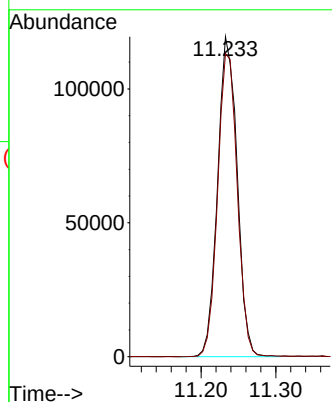
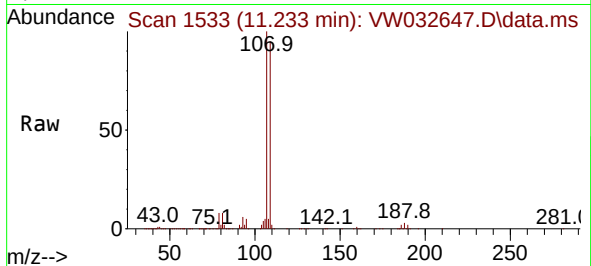




#61
1,2-Dibromoethane
Concen: 57.700 ug/l
RT: 11.233 min Scan# 1533
Delta R.T. -0.006 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

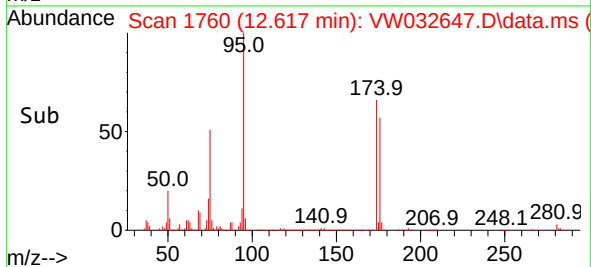
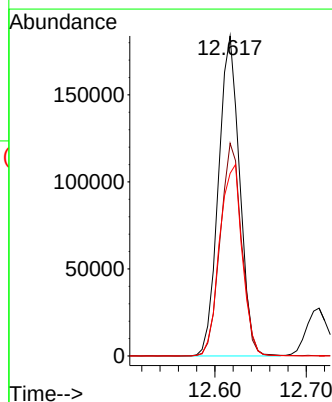
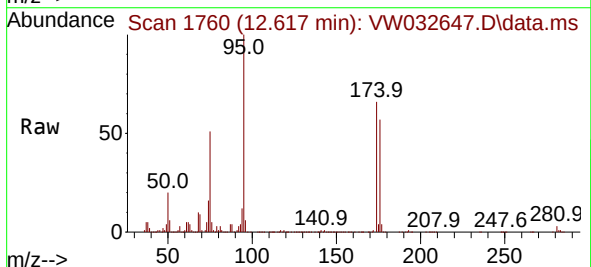
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

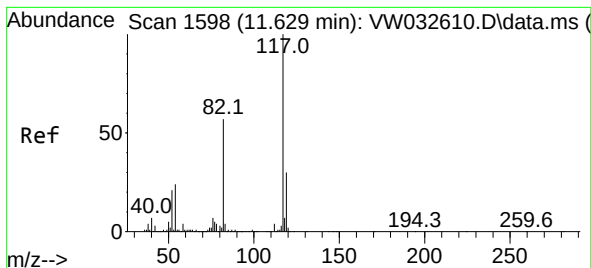
Tgt Ion:107 Resp: 217004
Ion Ratio Lower Upper
107 100
109 95.3 73.0 109.4



#62
4-Bromofluorobenzene
Concen: 50.226 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

Tgt Ion: 95 Resp: 296266
Ion Ratio Lower Upper
95 100
174 67.0 0.0 135.0
176 64.1 0.0 123.4

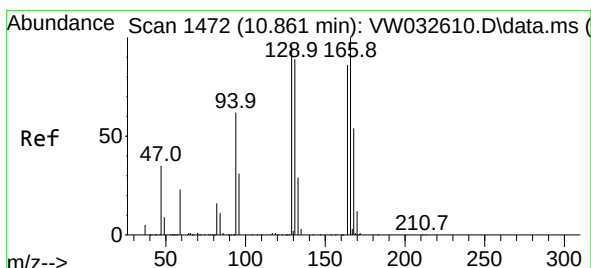
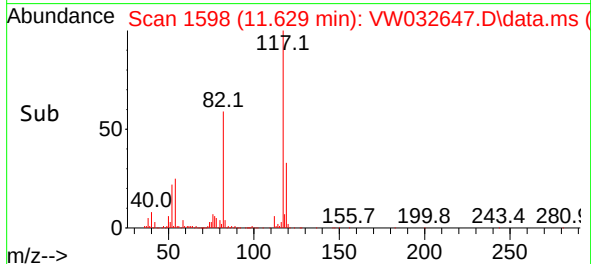
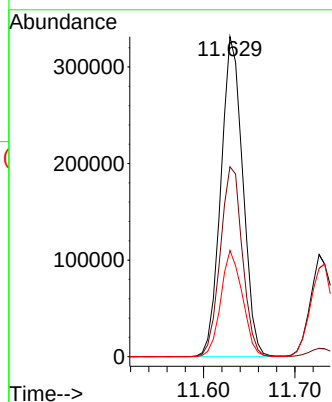
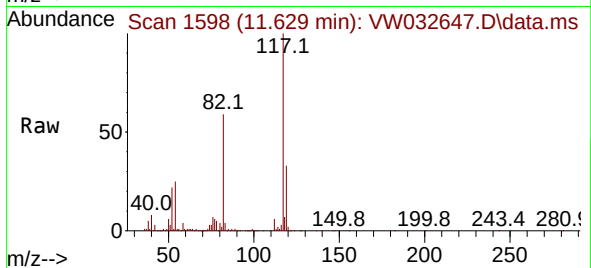




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

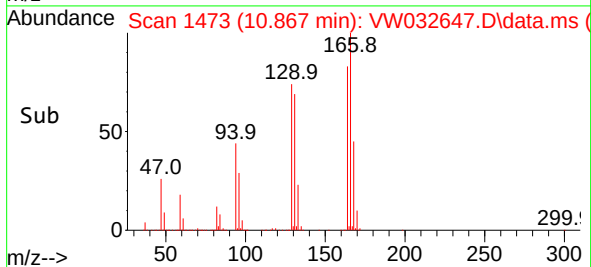
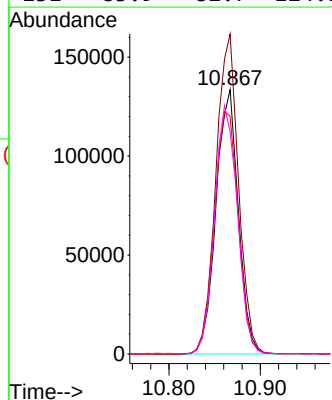
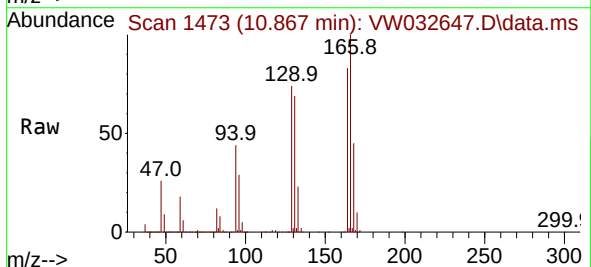
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

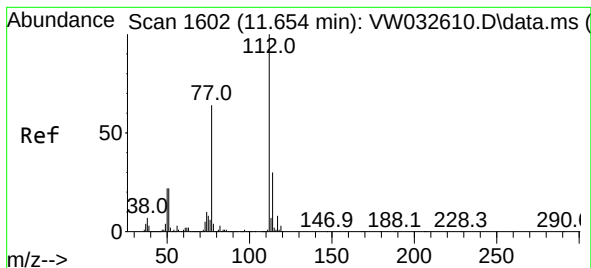
Tgt Ion:117 Resp: 552203
Ion Ratio Lower Upper
117 100
82 59.3 45.5 68.3
119 33.2 23.8 35.8



#64
Tetrachloroethene
Concen: 64.082 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

Tgt Ion:164 Resp: 226885
Ion Ratio Lower Upper
164 100
166 121.1 93.0 139.6
129 89.9 89.2 133.8
131 83.9 82.7 124.1





#65

Chlorobenzene

Concen: 62.198 ug/l

RT: 11.659 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032647.D

Acq: 12 Dec 2025 14:35

Instrument :

MSVOA_W

ClientSampleId :

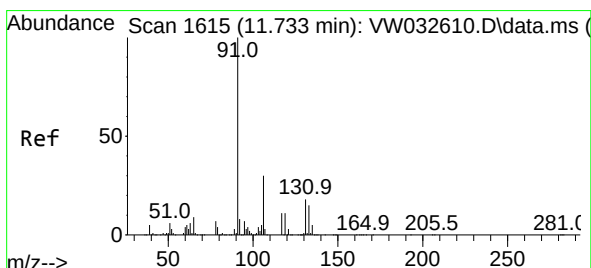
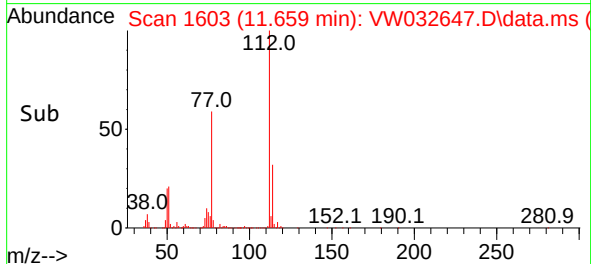
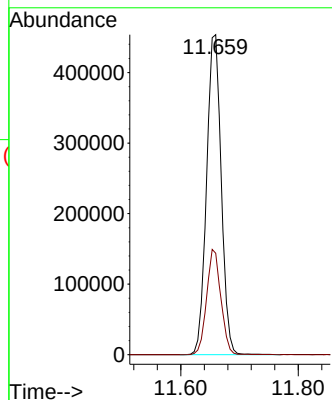
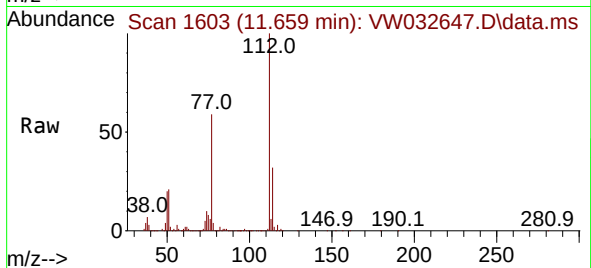
VSTDCCC050EC

Tgt Ion:112 Resp: 784267

Ion Ratio Lower Upper

112 100

114 31.7 23.8 35.8



#66

1,1,1,2-Tetrachloroethane

Concen: 64.114 ug/l

RT: 11.726 min Scan# 1614

Delta R.T. -0.006 min

Lab File: VW032647.D

Acq: 12 Dec 2025 14:35

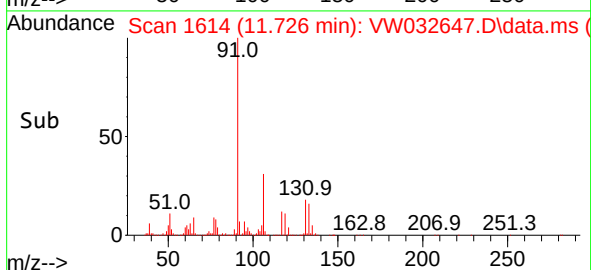
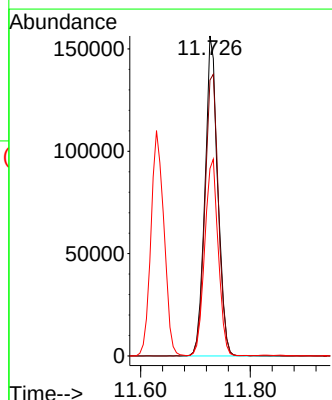
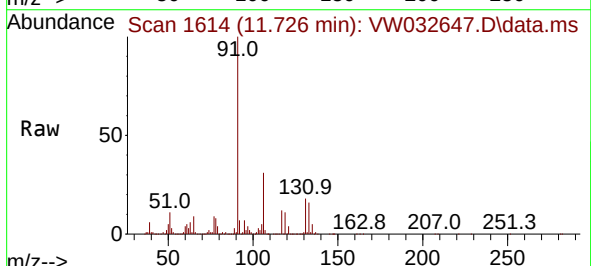
Tgt Ion:131 Resp: 252459

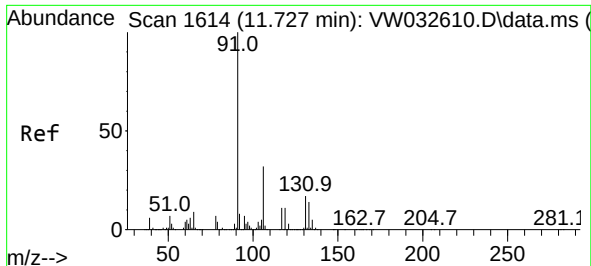
Ion Ratio Lower Upper

131 100

133 93.2 44.0 132.1

119 65.0 32.0 96.2





#67

Ethyl Benzene

Concen: 64.402 ug/l

RT: 11.726 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032647.D

Acq: 12 Dec 2025 14:35

Instrument :

MSVOA_W

ClientSampleId :

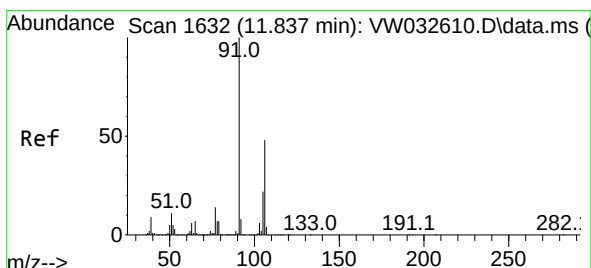
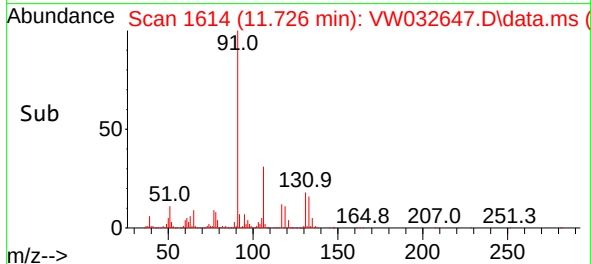
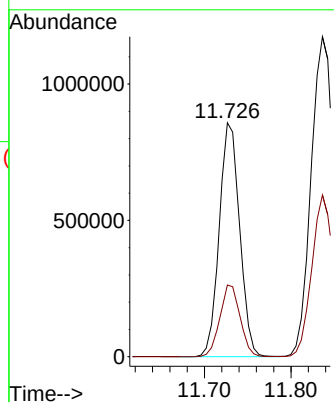
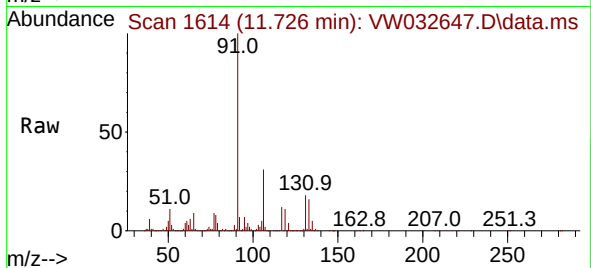
VSTDCCC050EC

Tgt Ion: 91 Resp: 1403419

Ion Ratio Lower Upper

91 100

106 30.6 25.8 38.6



#68

m/p-Xylenes

Concen: 127.726 ug/l

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW032647.D

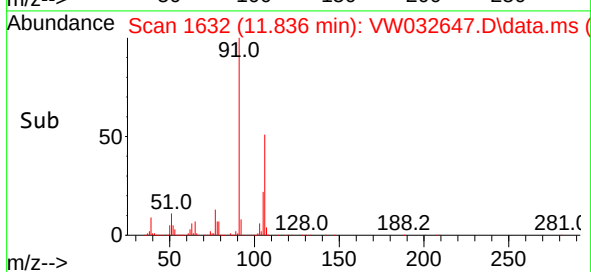
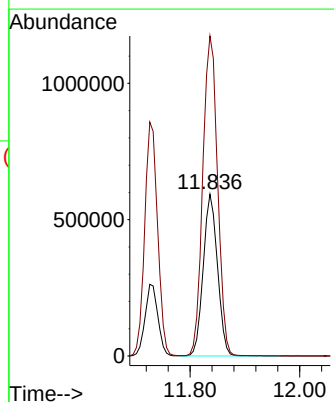
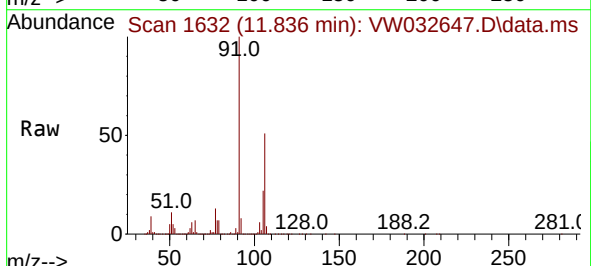
Acq: 12 Dec 2025 14:35

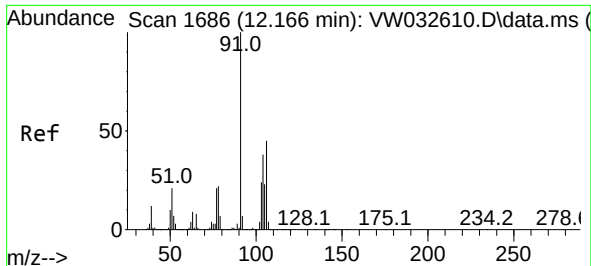
Tgt Ion:106 Resp: 1068183

Ion Ratio Lower Upper

106 100

91 205.8 165.6 248.4

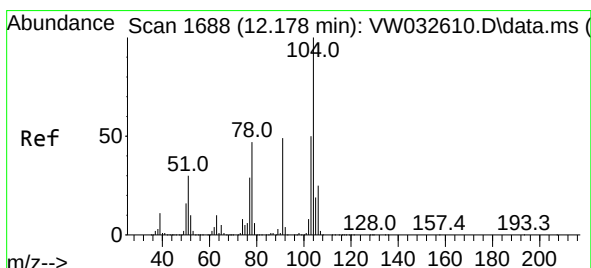
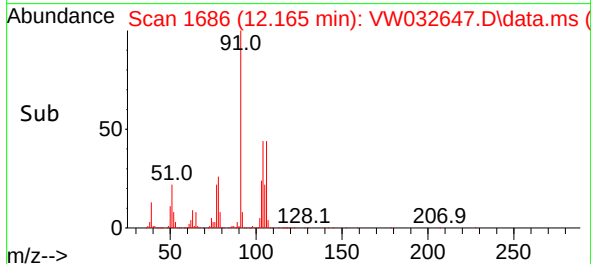
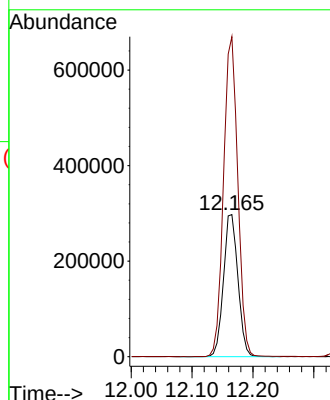
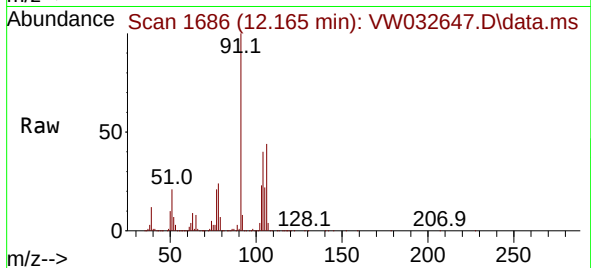




#69
o-Xylene
Concen: 63.449 ug/l
RT: 12.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

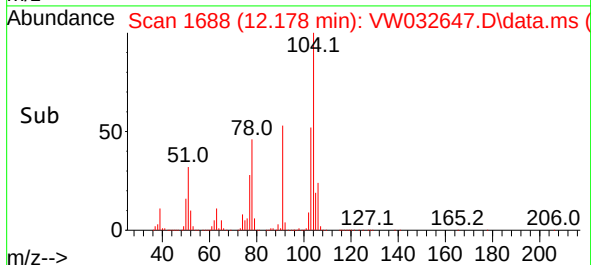
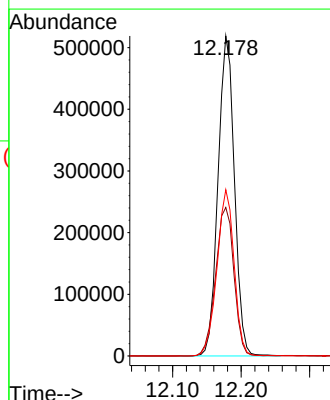
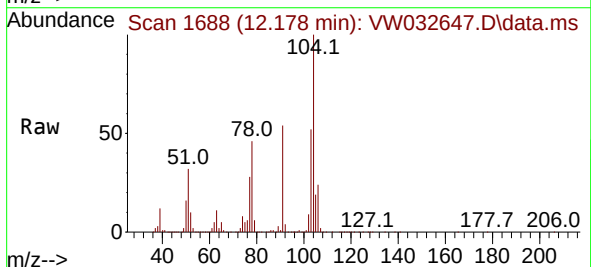
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

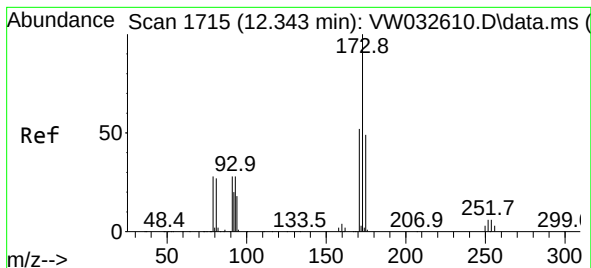
Tgt Ion:106 Resp: 489393
Ion Ratio Lower Upper
106 100
91 222.2 108.3 324.8



#70
Styrene
Concen: 63.998 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

Tgt Ion:104 Resp: 860556
Ion Ratio Lower Upper
104 100
78 52.2 41.5 62.3
103 54.4 43.8 65.6





#71

Bromoform

Concen: 62.344 ug/l

RT: 12.348 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032647.D

Acq: 12 Dec 2025 14:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

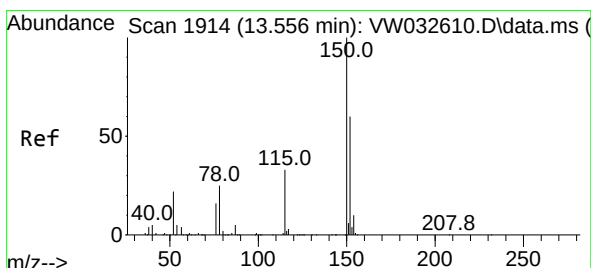
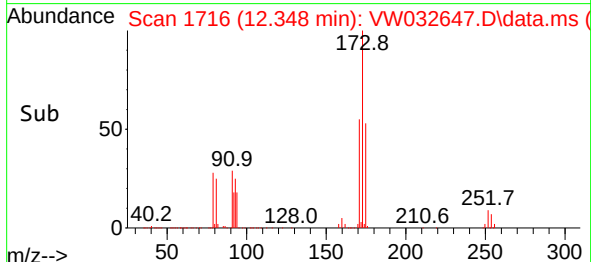
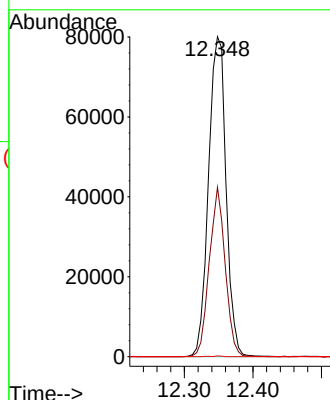
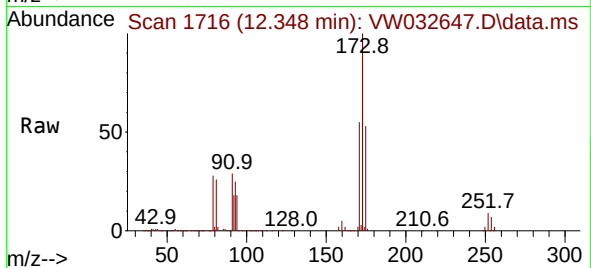
Tgt Ion:173 Resp: 142542

Ion Ratio Lower Upper

173 100

175 47.9 24.9 74.7

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.555 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW032647.D

Acq: 12 Dec 2025 14:35

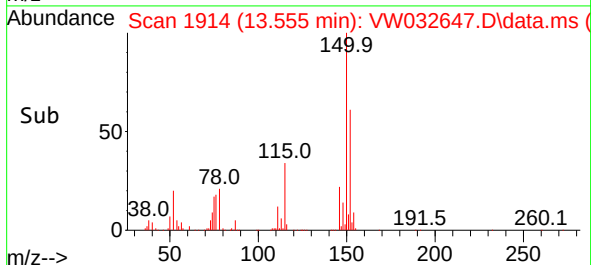
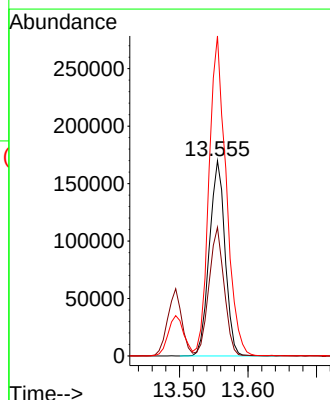
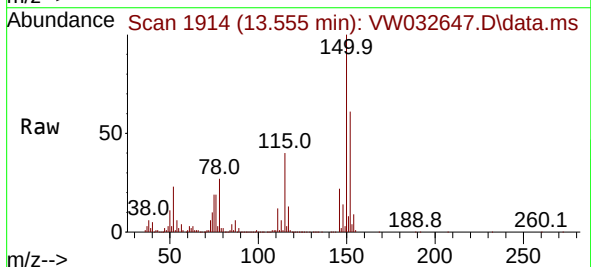
Tgt Ion:152 Resp: 270373

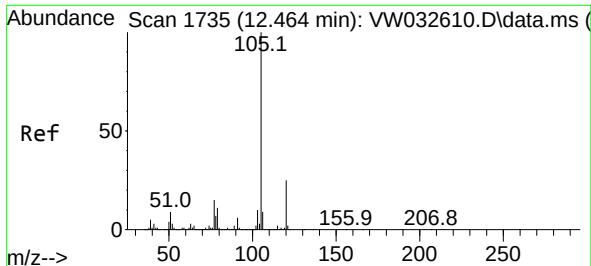
Ion Ratio Lower Upper

152 100

115 63.8 33.8 101.3

150 179.0 0.0 369.4

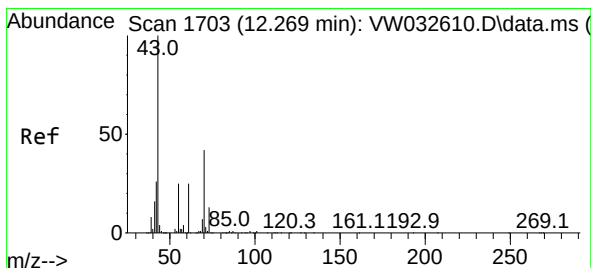
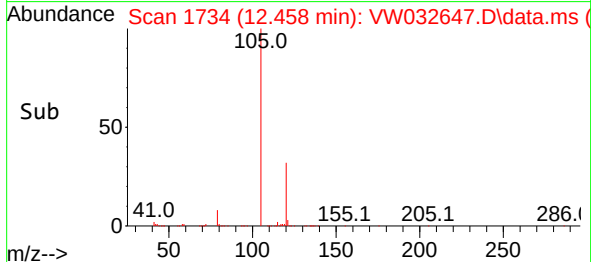
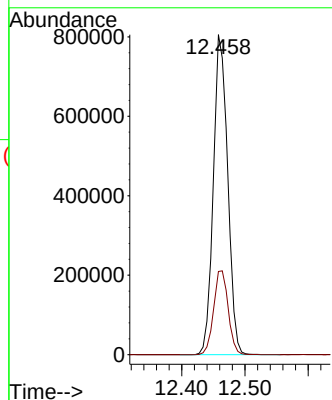
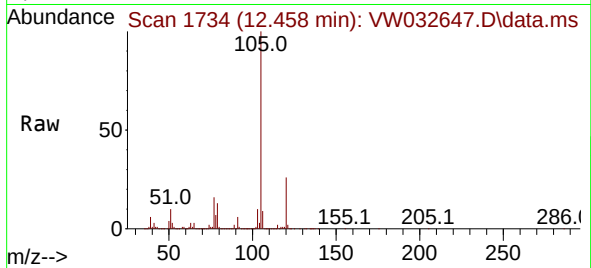




#73
Isopropylbenzene
Concen: 61.513 ug/l
RT: 12.458 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

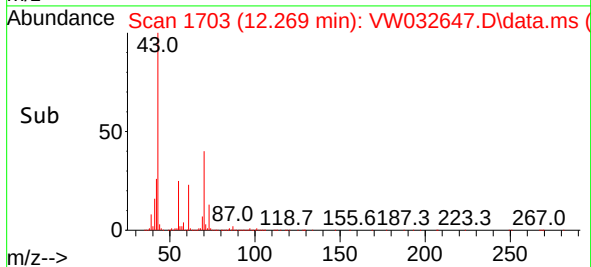
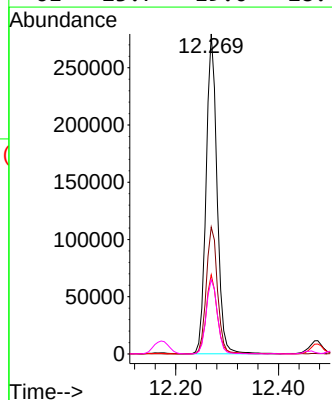
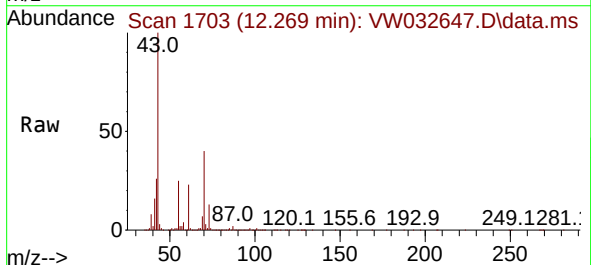
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

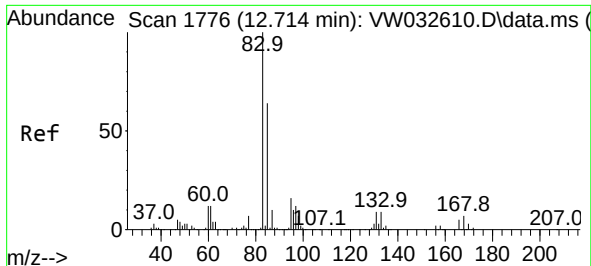
Tgt Ion:105 Resp: 1264979
Ion Ratio Lower Upper
105 100
120 26.6 13.0 39.0



#74
N-ethyl acetate
Concen: 58.394 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

Tgt Ion: 43 Resp: 411432
Ion Ratio Lower Upper
43 100
70 40.8 32.4 48.6
55 25.4 19.8 29.6
61 23.7 19.0 28.4

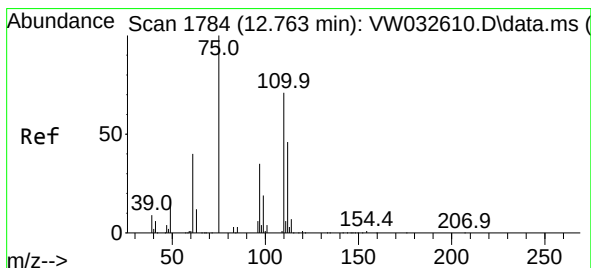
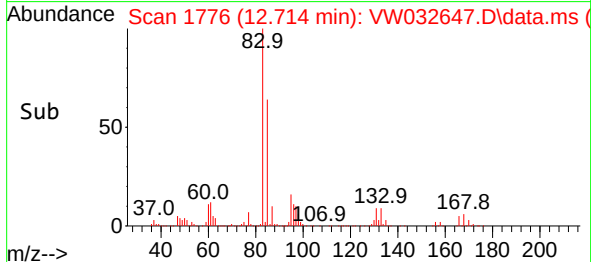
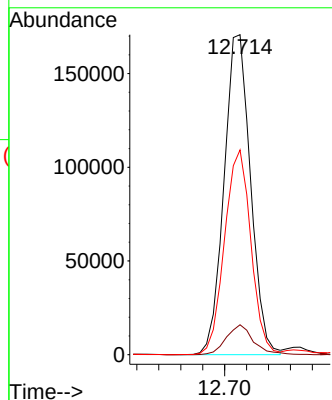
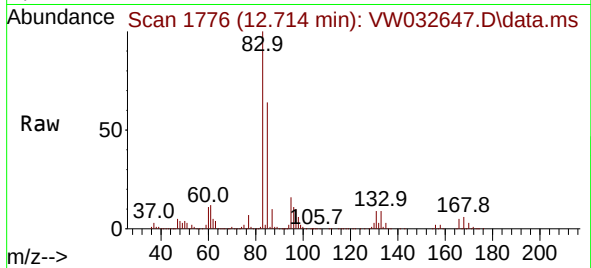




#75
1,1,2,2-Tetrachloroethane
Concen: 57.889 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

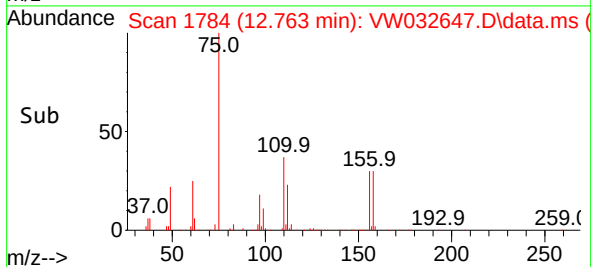
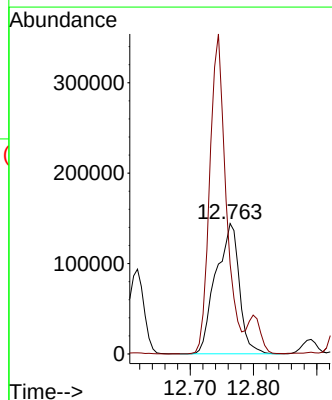
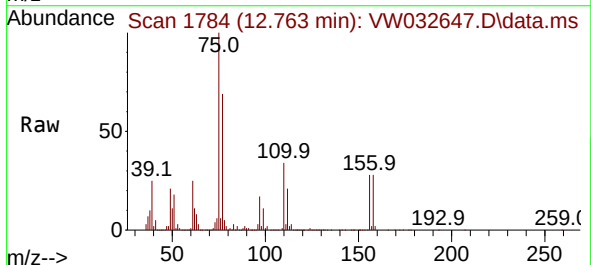
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

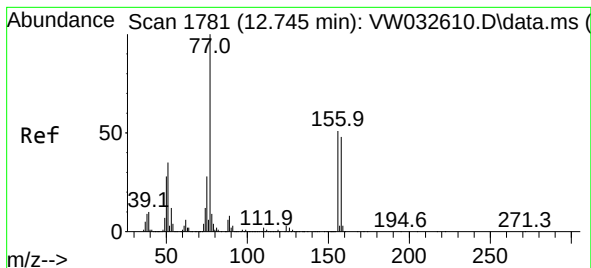
Tgt Ion: 83 Resp: 286600
Ion Ratio Lower Upper
83 100
131 9.5 5.0 14.9
85 63.8 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 102.090 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

Tgt Ion: 75 Resp: 370391
Ion Ratio Lower Upper
75 100
77 171.1 154.0 462.0





#77

Bromobenzene

Concen: 60.110 ug/l

RT: 12.745 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VW032647.D

Acq: 12 Dec 2025 14:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

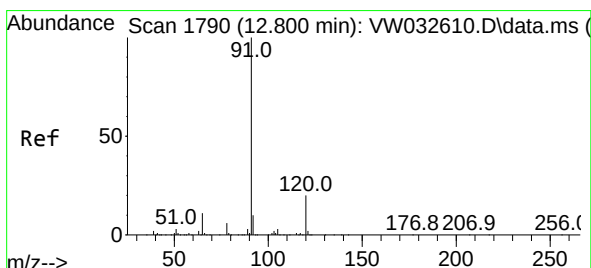
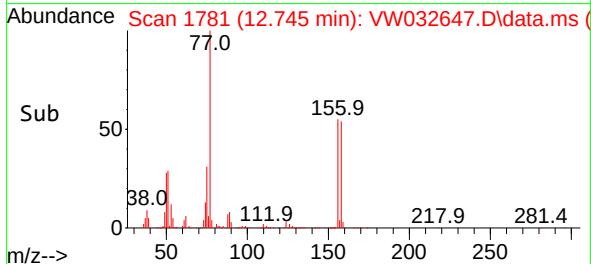
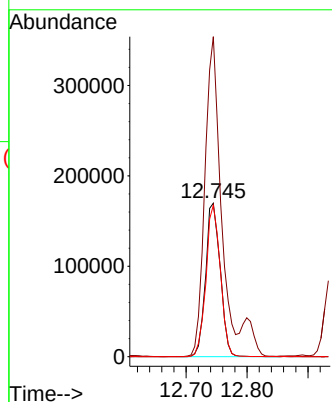
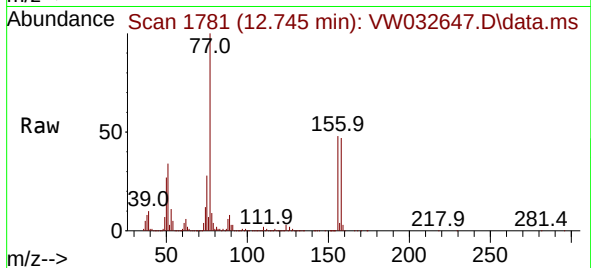
Tgt Ion:156 Resp: 283658

Ion Ratio Lower Upper

156 100

77 223.5 116.7 350.1

158 96.9 49.9 149.7



#78

n-propylbenzene

Concen: 61.409 ug/l

RT: 12.799 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VW032647.D

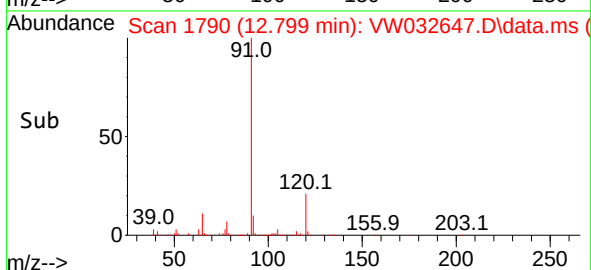
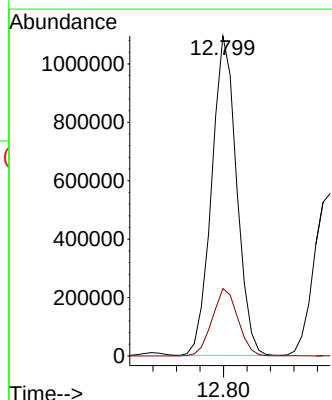
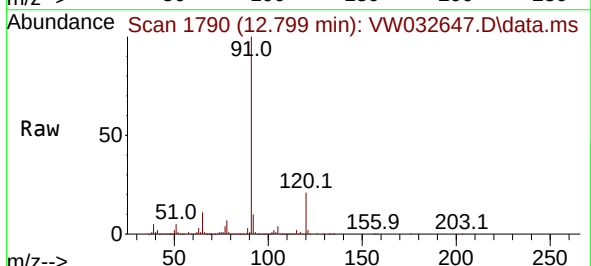
Acq: 12 Dec 2025 14:35

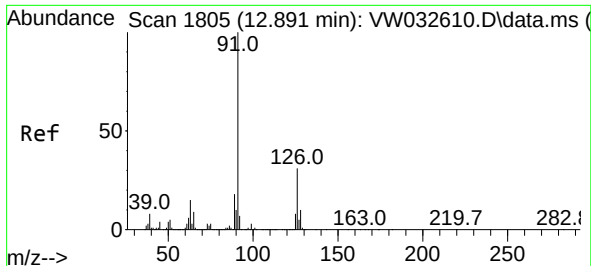
Tgt Ion: 91 Resp: 1613113

Ion Ratio Lower Upper

91 100

120 21.7 10.9 32.6

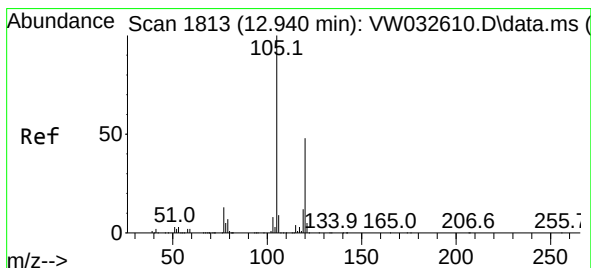
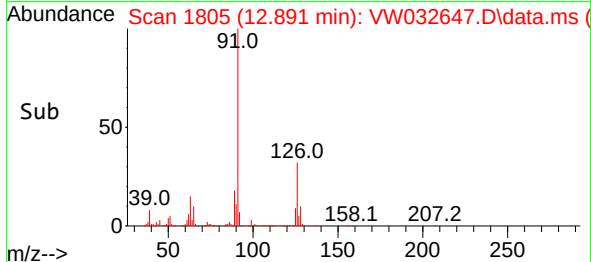
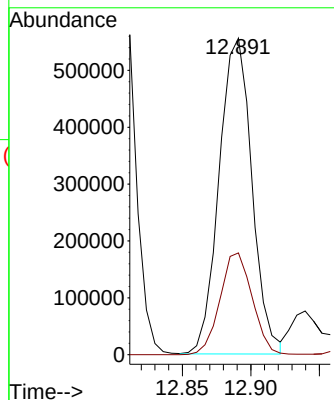
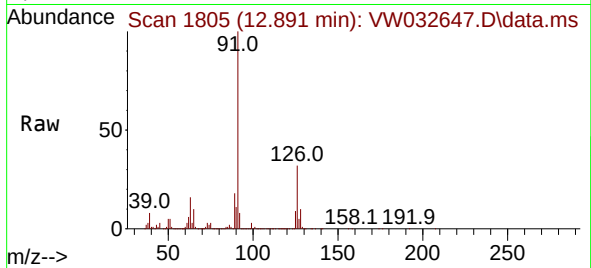




#79
2-Chlorotoluene
Concen: 60.043 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

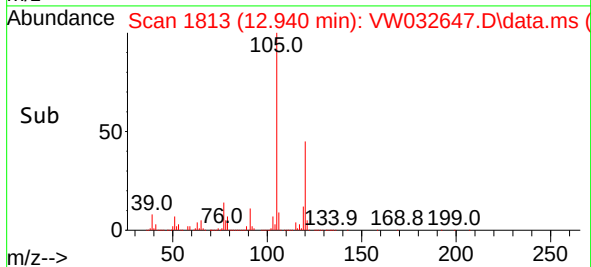
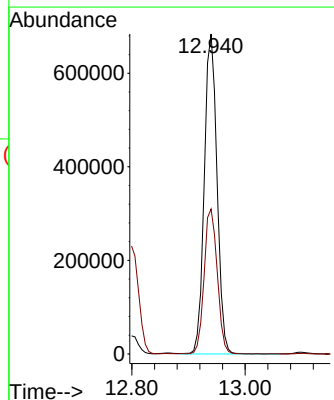
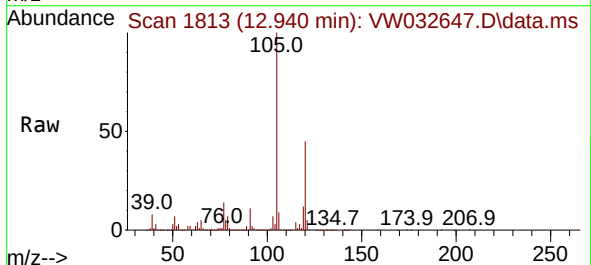
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

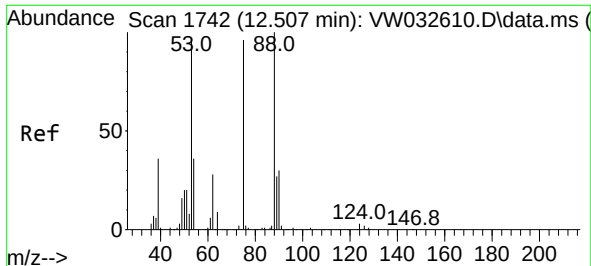
Tgt Ion: 91 Resp: 925820
Ion Ratio Lower Upper
91 100
126 31.7 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 61.526 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

Tgt Ion: 105 Resp: 1062731
Ion Ratio Lower Upper
105 100
120 46.7 24.3 72.8

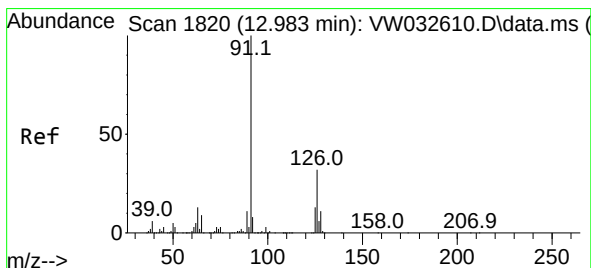
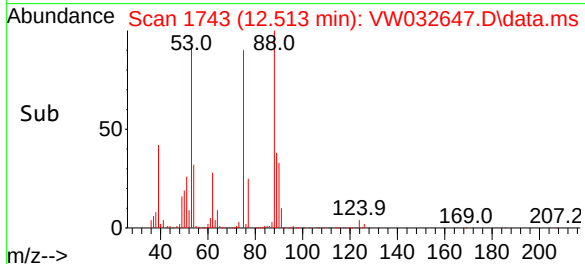
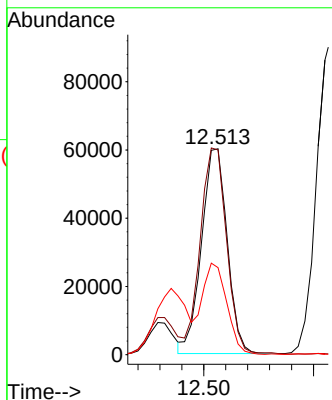
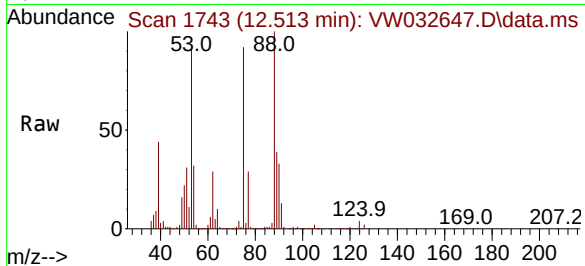




#81
trans-1,4-Dichloro-2-butene
Concen: 64.658 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

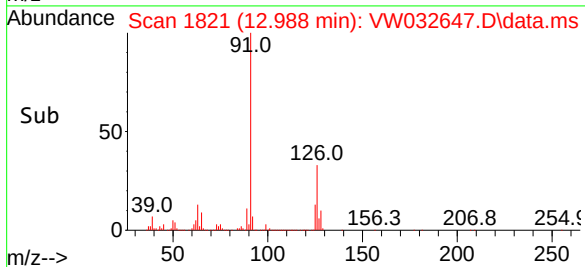
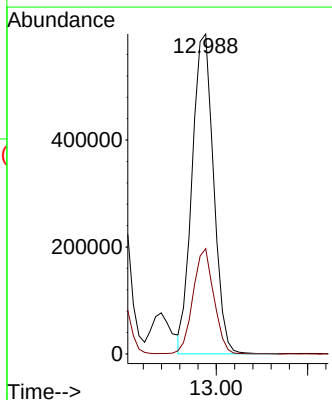
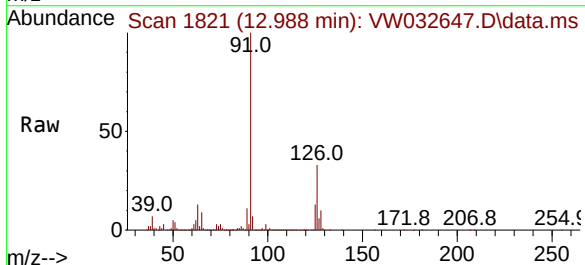
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

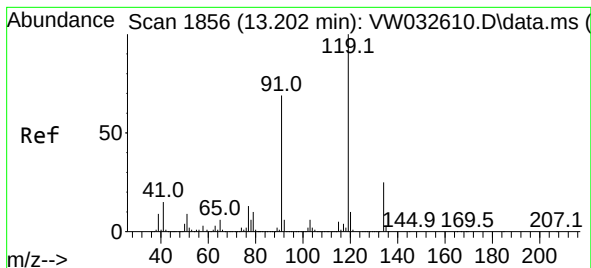
Tgt Ion: 75 Resp: 97692
Ion Ratio Lower Upper
75 100
53 102.7 86.1 129.1
89 43.4 37.4 56.2



#82
4-Chlorotoluene
Concen: 59.533 ug/l
RT: 12.988 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

Tgt Ion: 91 Resp: 974928
Ion Ratio Lower Upper
91 100
126 32.0 15.8 47.4





#83

tert-Butylbenzene

Concen: 62.019 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. -0.000 min

Lab File: VW032647.D

Acq: 12 Dec 2025 14:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

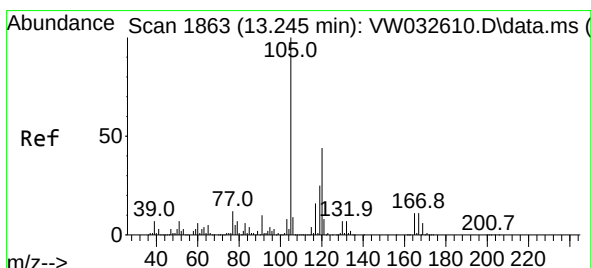
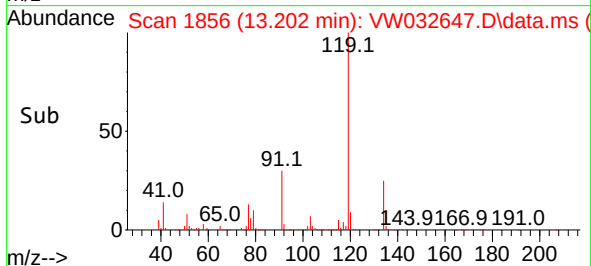
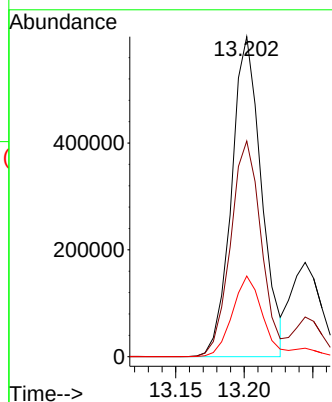
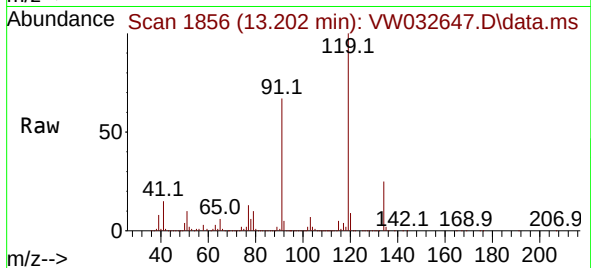
Tgt Ion:119 Resp: 912586

Ion Ratio Lower Upper

119 100

91 68.6 34.3 102.8

134 25.3 12.6 37.8



#84

1,2,4-Trimethylbenzene

Concen: 59.662 ug/l

RT: 13.244 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW032647.D

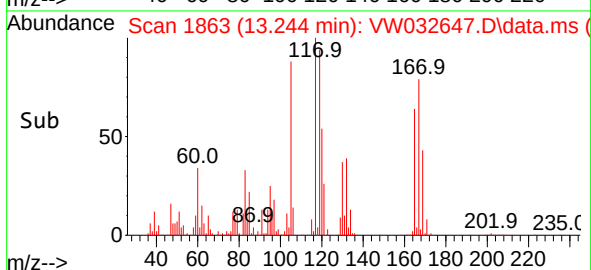
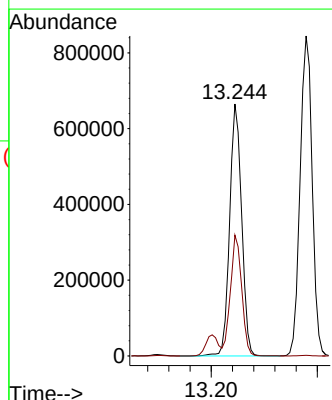
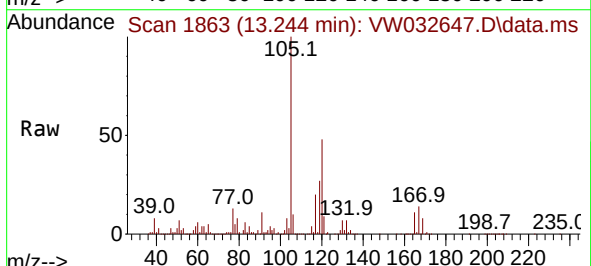
Acq: 12 Dec 2025 14:35

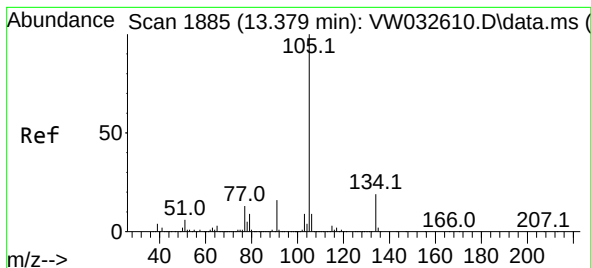
Tgt Ion:105 Resp: 1039325

Ion Ratio Lower Upper

105 100

120 45.2 22.4 67.0





#85

sec-Butylbenzene

Concen: 59.003 ug/l

RT: 13.379 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032647.D

Acq: 12 Dec 2025 14:35

Instrument :

MSVOA_W

ClientSampleId :

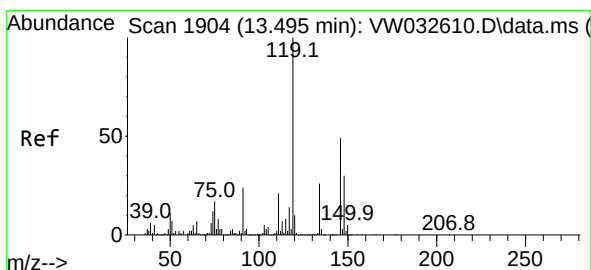
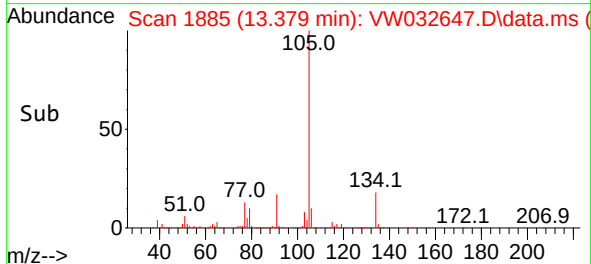
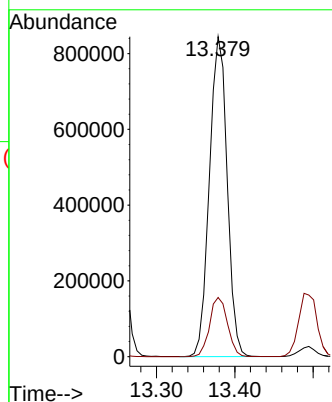
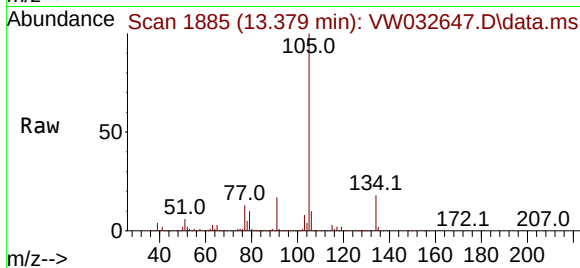
VSTDCCC050EC

Tgt Ion:105 Resp: 1329293

Ion Ratio Lower Upper

105 100

134 18.7 9.7 28.9



#86

p-Isopropyltoluene

Concen: 60.785 ug/l

RT: 13.494 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032647.D

Acq: 12 Dec 2025 14:35

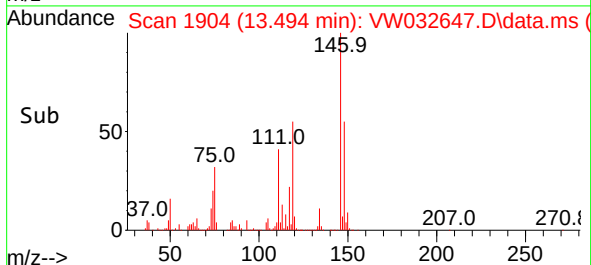
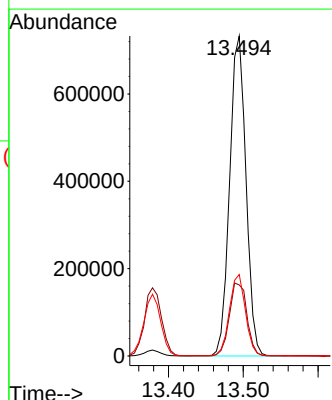
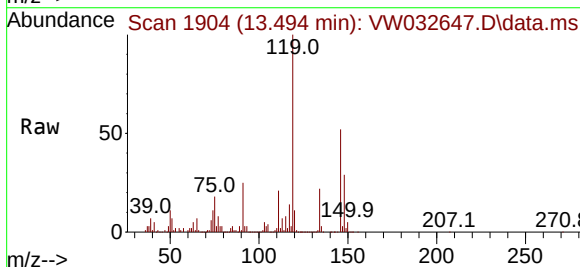
Tgt Ion:119 Resp: 1113828

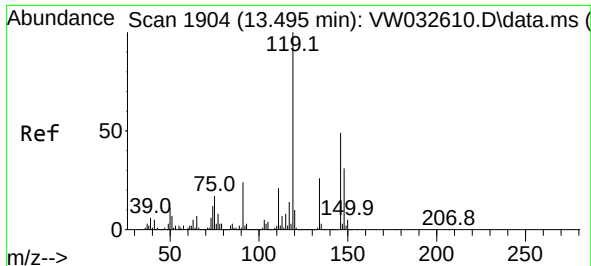
Ion Ratio Lower Upper

119 100

134 24.5 13.0 39.0

91 25.0 12.1 36.3

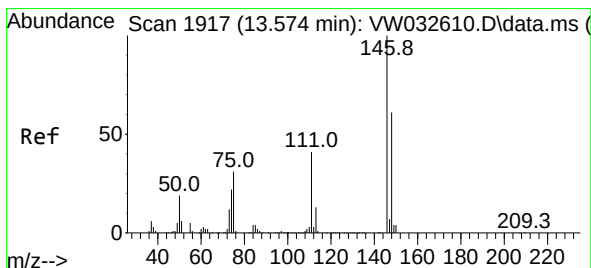
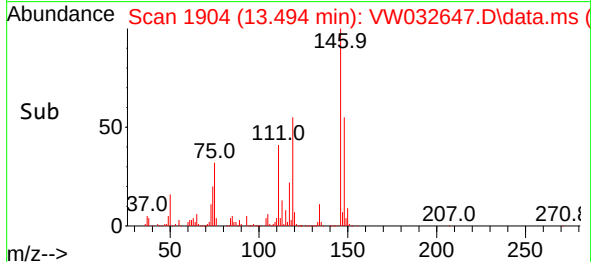
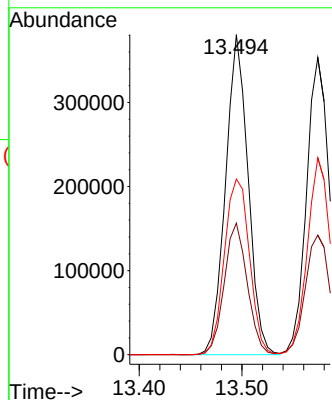
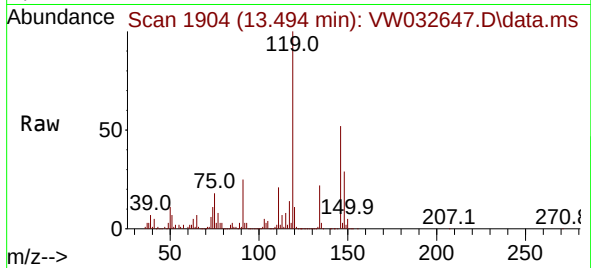




#87
1,3-Dichlorobenzene
Concen: 60.122 ug/l
RT: 13.494 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

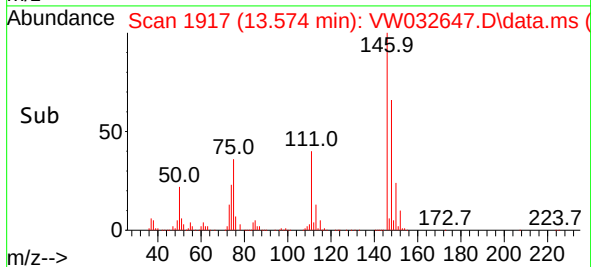
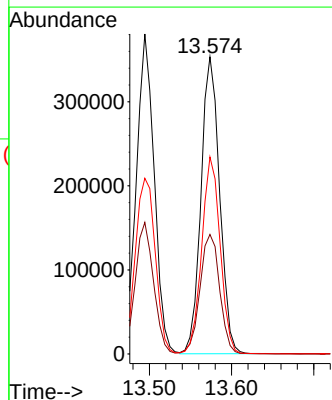
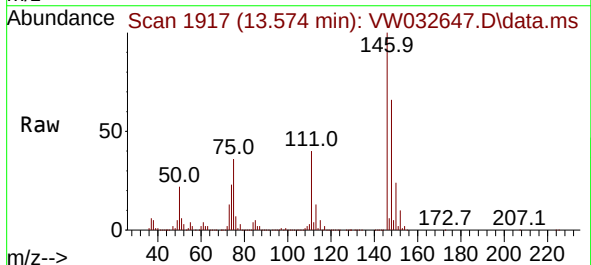
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

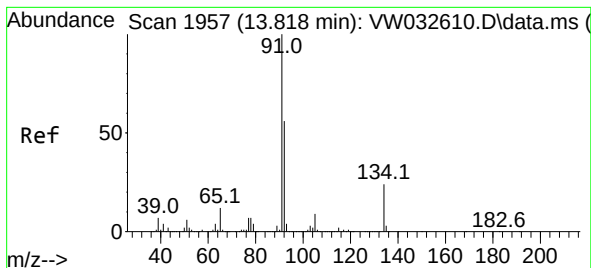
Tgt Ion:146 Resp: 580712
Ion Ratio Lower Upper
146 100
111 42.0 21.6 64.6
148 61.1 31.1 93.3



#88
1,4-Dichlorobenzene
Concen: 57.730 ug/l
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW032647.D
Acq: 12 Dec 2025 14:35

Tgt Ion:146 Resp: 555259
Ion Ratio Lower Upper
146 100
111 42.5 20.9 62.8
148 65.8 30.4 91.2





#89

n-Butylbenzene

Concen: 60.512 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VW032647.D

Acq: 12 Dec 2025 14:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

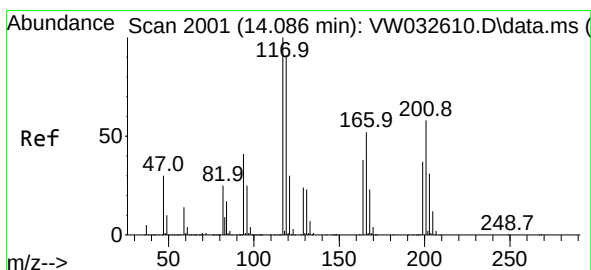
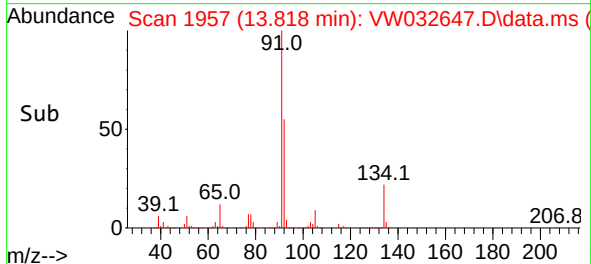
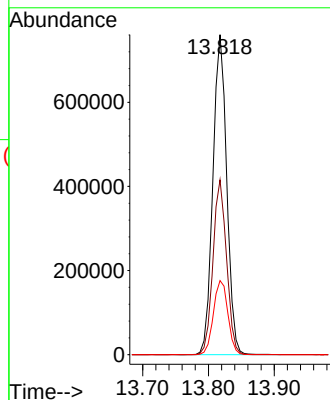
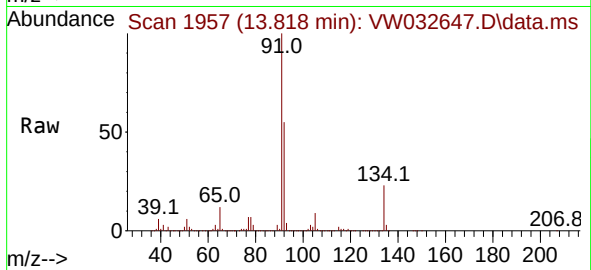
Tgt Ion: 91 Resp: 1114036

Ion Ratio Lower Upper

91 100

92 53.8 27.4 82.0

134 24.2 11.8 35.4



#90

Hexachloroethane

Concen: 58.884 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. -0.000 min

Lab File: VW032647.D

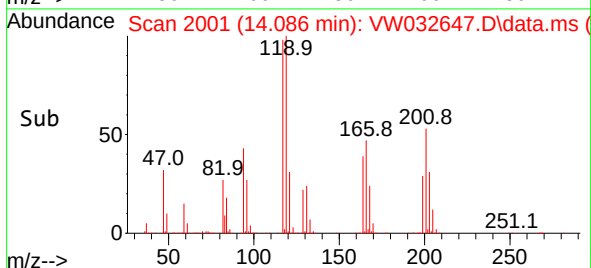
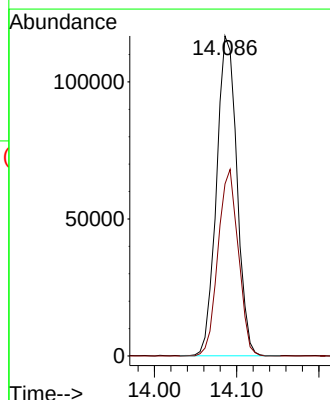
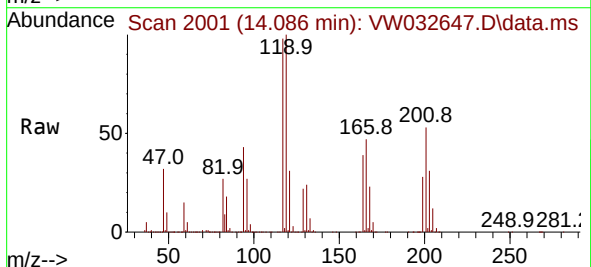
Acq: 12 Dec 2025 14:35

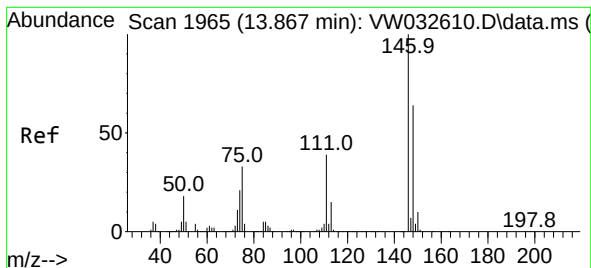
Tgt Ion: 117 Resp: 201532

Ion Ratio Lower Upper

117 100

201 58.0 30.4 91.2





#91

1,2-Dichlorobenzene

Concen: 55.647 ug/l

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW032647.D

Acq: 12 Dec 2025 14:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

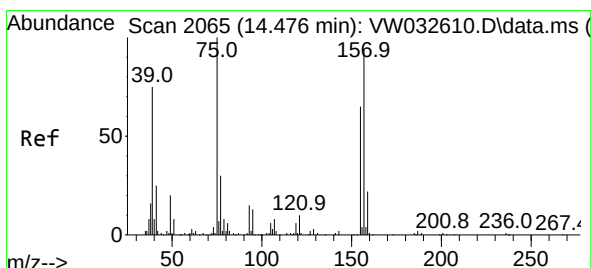
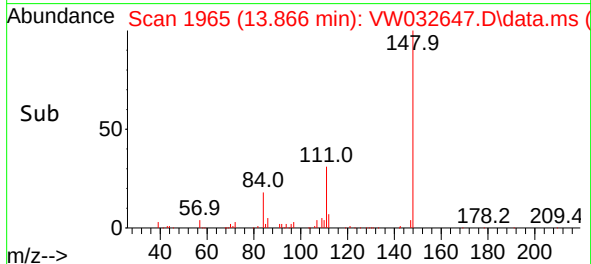
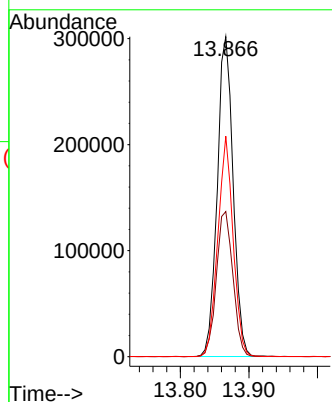
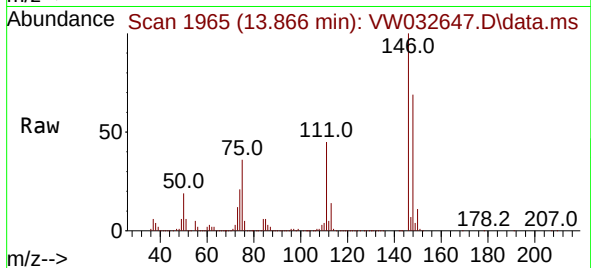
Tgt Ion:146 Resp: 485154

Ion Ratio Lower Upper

146 100

111 47.2 21.5 64.5

148 66.3 32.4 97.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.095 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW032647.D

Acq: 12 Dec 2025 14:35

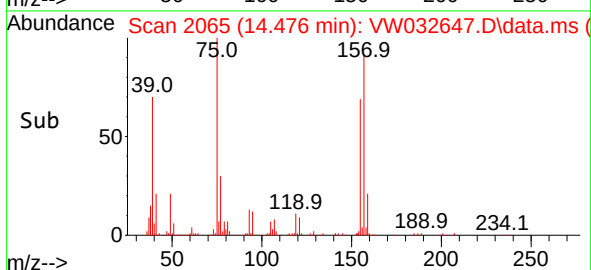
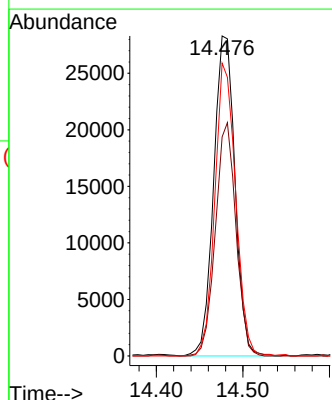
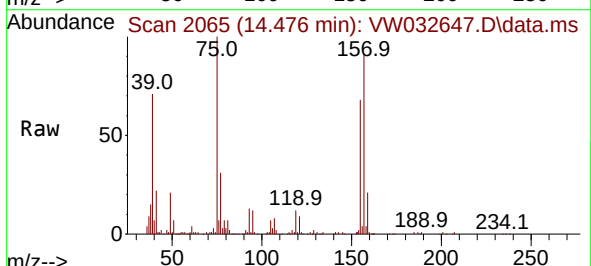
Tgt Ion: 75 Resp: 48447

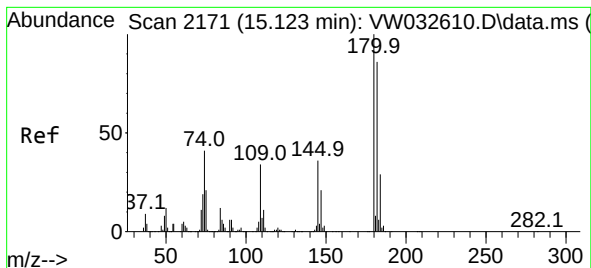
Ion Ratio Lower Upper

75 100

155 70.3 35.3 105.9

157 89.2 44.8 134.4





#93

1,2,4-Trichlorobenzene

Concen: 57.308 ug/l

RT: 15.128 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VW032647.D

Acq: 12 Dec 2025 14:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

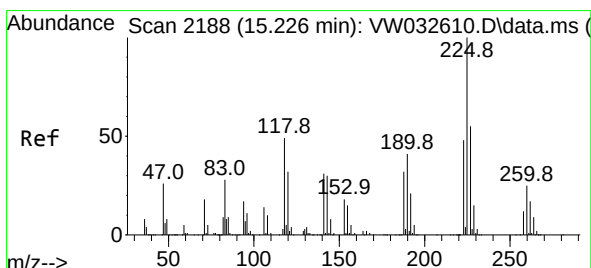
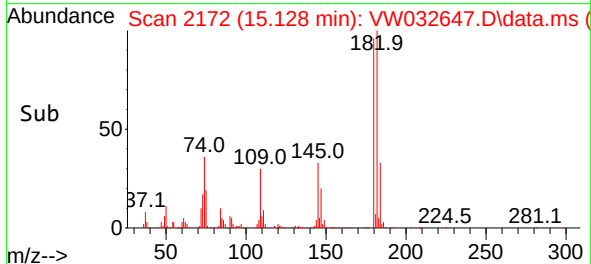
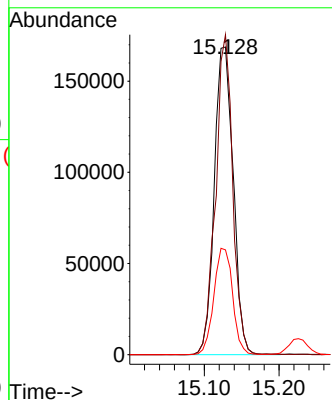
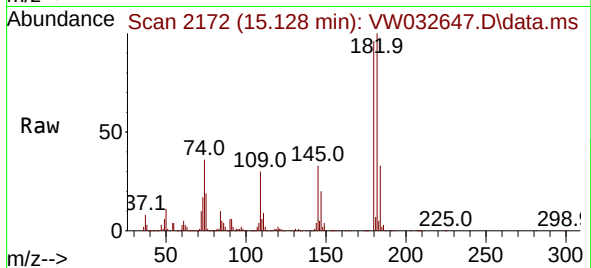
Tgt Ion:180 Resp: 296754

Ion Ratio Lower Upper

180 100

182 94.2 46.9 140.6

145 34.4 17.1 51.3



#94

Hexachlorobutadiene

Concen: 55.252 ug/l

RT: 15.232 min Scan# 2189

Delta R.T. 0.006 min

Lab File: VW032647.D

Acq: 12 Dec 2025 14:35

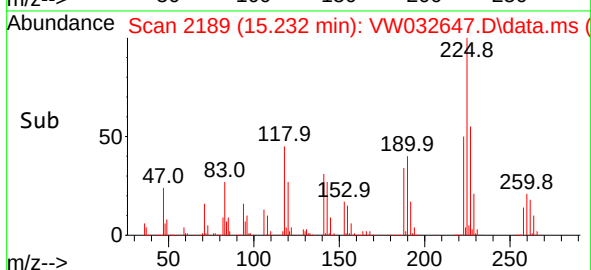
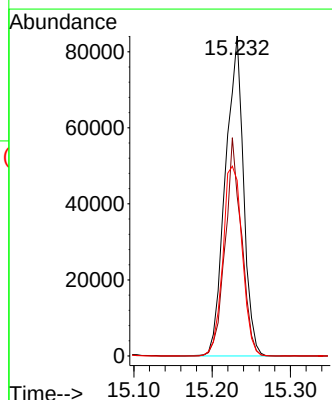
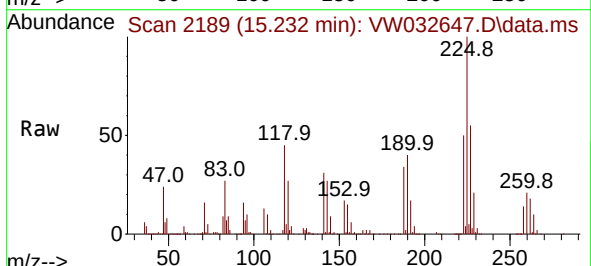
Tgt Ion:225 Resp: 135245

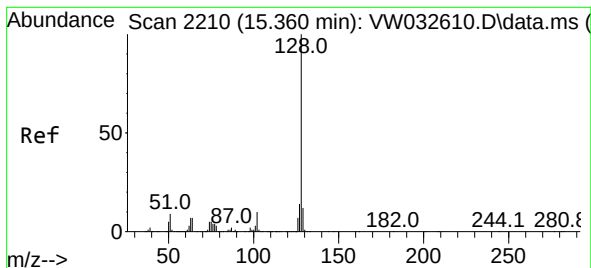
Ion Ratio Lower Upper

225 100

223 61.5 30.3 90.8

227 63.5 29.1 87.4





#95

Naphthalene

Concen: 64.533 ug/l

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW032647.D

Acq: 12 Dec 2025 14:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

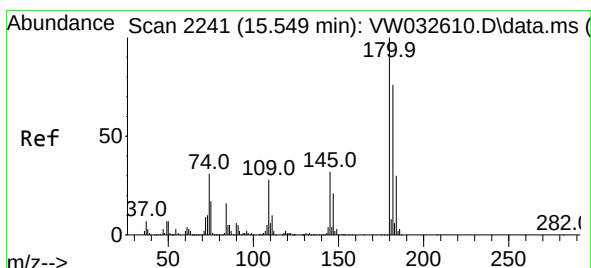
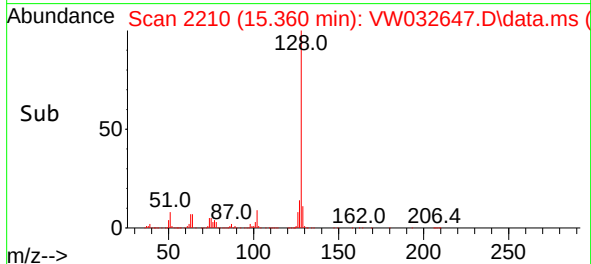
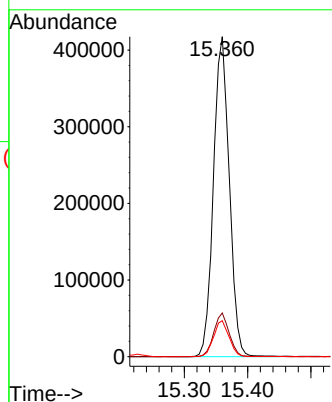
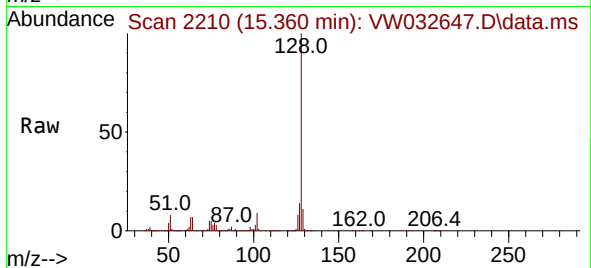
Tgt Ion:128 Resp: 726073

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 11.0 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 56.914 ug/l

RT: 15.555 min Scan# 2242

Delta R.T. 0.006 min

Lab File: VW032647.D

Acq: 12 Dec 2025 14:35

Tgt Ion:180 Resp: 278579

Ion Ratio Lower Upper

180 100

182 89.8 45.9 137.6

145 36.4 17.0 51.0

